

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sample ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
SS-1	Q1914-01	8260D	8270E				Chemtech -SOP
SS-91	Q1914-02	8260D	8270E				Chemtech -SOP
SS-2	Q1914-03	8260D	8270E				Chemtech -SOP
SS-3	Q1914-04	8260D	8270E				Chemtech -SOP
SS-4	Q1914-05	8260D	8270E				Chemtech -SOP
SS-5	Q1914-06	8260D	8270E				Chemtech -SOP
SS-6	Q1914-07	8260D	8270E				Chemtech -SOP
SS-7	Q1914-08	8260D	8270E				Chemtech -SOP
SS-8	Q1914-09	8260D	8270E				Chemtech -SOP
SS-9	Q1914-12	8260D	8270E				Chemtech -SOP
FB04282025	Q1914-14	8260D, 8260-Low	8270E				Chemtech -SOP

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
Q1914-01	SOIL	04/28/25	04/29/25	04/30/25	05/01/25
Q1914-02	SOIL	04/28/25	04/29/25	04/30/25	05/01/25
Q1914-03	SOIL	04/28/25	04/29/25	04/30/25	05/01/25
Q1914-04	SOIL	04/28/25	04/29/25	04/30/25	05/05/25
Q1914-05	SOIL	04/28/25	04/29/25	04/30/25	05/01/25
Q1914-06	SOIL	04/28/25	04/29/25	04/30/25	05/05/25
Q1914-07	SOIL	04/28/25	04/29/25	04/30/25	05/02/25
Q1914-08	SOIL	04/28/25	04/29/25	04/30/25	05/02/25
Q1914-09	SOIL	04/28/25	04/29/25	04/30/25	05/02/25
Q1914-12	SOIL	04/28/25	04/29/25	04/30/25	05/05/25
Q1914-14	Water	04/28/25	04/29/25	04/30/25	05/01/25

* Details For Test : SVOCMS Group3

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
Q1914-01	SOIL	04/28/25	04/29/25		05/01/25
Q1914-02	SOIL	04/28/25	04/29/25		05/01/25
Q1914-03	SOIL	04/28/25	04/29/25		05/01/25
Q1914-04	SOIL	04/28/25	04/29/25		05/01/25
Q1914-05	SOIL	04/28/25	04/29/25		05/01/25
Q1914-06	SOIL	04/28/25	04/29/25		05/01/25
Q1914-07	SOIL	04/28/25	04/29/25		05/01/25
Q1914-08	SOIL	04/28/25	04/29/25		05/06/25
Q1914-09	SOIL	04/28/25	04/29/25		05/01/25
Q1914-12	SOIL	04/28/25	04/29/25		05/06/25
Q1914-14	Water	04/28/25	04/29/25		04/30/25

* Details For Test : VOCMS Group3

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
Q1914-01	Solid	8260D	5035		
Q1914-02	Solid	8260D	5035		
Q1914-03	Solid	8260D	5035		
Q1914-04	Solid	8260D	5035		
Q1914-05	Solid	8260D	5035		
Q1914-06	Solid	8260D	5035		
Q1914-07	Solid	8260D	5035		
Q1914-08	Solid	8260D	5035		
Q1914-09	Solid	8260D	5035		
Q1914-10	Solid	8260D	5035		
Q1914-11	Solid	8260D	5035		
Q1914-12	Solid	8260D	5035		
Q1914-14	Water	8260-Low	5030		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
Q1914-01	Solid	8270E	NA		
Q1914-02	Solid	8270E	NA		
Q1914-03	Solid	8270E	NA		
Q1914-04	Solid	8270E	NA		
Q1914-05	Solid	8270E	NA		
Q1914-06	Solid	8270E	NA		
Q1914-07	Solid	8270E	NA		
Q1914-08	Solid	8270E	NA		
Q1914-09	Solid	8270E	NA		
Q1914-10	Solid	8270E	NA		
Q1914-11	Solid	8270E	NA		
Q1914-12	Solid	8270E	NA		
Q1914-14	Water	8270E	NA		

Cover Page

Order ID : Q1914

Project ID : Con Ed UTEN Mount Vernon, NY

Client : CDM Smith

Lab Sample Number

Q1914-01
Q1914-02
Q1914-03
Q1914-04
Q1914-05
Q1914-06
Q1914-07
Q1914-08
Q1914-09
Q1914-10
Q1914-11
Q1914-12
Q1914-14

Client Sample Number

SS-1
SS-91
SS-2
SS-3
SS-4
SS-5
SS-6
SS-7
SS-8
SS-8MS
SS-8MSD
SS-9
FB04282025

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

Signature : _____

Date: 5/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

CDM Smith

Project Name: Con Ed UTEN Mount Vernon, NY

Project # N/A

Order ID # Q1914

Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:

12 Solid samples were received on 04/29/2025.

1 Water sample was received on 04/29/2025.

B. Parameters

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

C. Analytical Techniques:

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

D. QA/ QC Samples:

The Holding Times were met for all analysis.

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

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

The Retention Times were acceptable for all samples.

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

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

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

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

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

The Tuning criteria met requirements.

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

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

E. Additional Comments:

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

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

Trip Blank was not provided with this set of samples.

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

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



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

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

F. Manual Integration Comments:

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

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

Signature _____

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 flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q1914

MATRIX: /Water

METHOD: 8260D

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements. The Initial Calibration met the requirements. The Continuous Calibration File ID VX045985.D met the requirements except for n- Butylbenzene is failing high but no positive hit in associated sample therefore no corrective action taken.			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries met the acceptable criteria except for SS-8 [4- Bromofluorobenzene - 447%, Toluene-d8 - 208%], SS-8MS [4-Bromofluorobenzene - 518%, Toluene-d8 - 225%], SS-8MSD [4-Bromofluorobenzene - 336% and Toluene-d8 - 154%],MS and MSD surrogate failure confirm with parent sample.		✓	

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

	NA	NO	YES
8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The MS {Q1914-10MS} with File ID: VY022115.D recoveries met the requirements for all compounds except for 1,2,4-Trimethylbenzene[732%], 1,3,5-Trimethylbenzene[707%], Ethyl Benzene[1566%], Isopropylbenzene[202%], n-Butylbenzene[202%], N-propylbenzene[379%], Sec-butylbenzene[227%], m/p-Xylenes [2399%], o-Xylene [4040%] and Toluene[455%], due to bad Sample matrix interference.			
The MSD {Q1914-11MSD} with File ID: VY022116.D recoveries met the acceptable requirements except for 1,2,4-Trimethylbenzene[343%], 1,3,5-Trimethylbenzene[314%], Ethyl Benzene[914%], Isopropylbenzene[-257%], n-Butylbenzene[0%], N-propylbenzene[0%], p-Isopropyltoluene[0%], Sec-butylbenzene[-57%], m/p-Xylenes [1857%], o-Xylene [2857%] and Toluene[-571%], due to bad sample matrix interference.			
The RPD for {Q1914-11MSD} with File ID: VY022116.D met criteria except for 1,2,4-Trimethylbenzene[72%], 1,3,5-Trimethylbenzene[77%], Benzene[24%], Ethyl Benzene[53%], Isopropylbenzene[1669%], Sec-butylbenzene[334%], tert-Butylbenzene[34%], m/p-Xylenes[25%], o-Xylene[34%], N-propylbenzene [200%], p-Isopropyltoluene [200%], n-Butylbenzene [200%] and Toluene[1769%], due to difference in results of MS and MSD.			
The Blank Spike met requirements for all samples .			
The Blank Spike Duplicate met requirements for all samples .			
9. Internal Standard Area/Retention Time Shift Meet Criteria		✓	
Comments: The Internal Standards Areas met the acceptable requirements except for SS-6, SS-8, Due to high concentration of compounds, these samples required dilution. Therefore, samples were reanalyzed with dilution and reported.			
10. Analysis Holding Time Met			✓
If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

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

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

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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

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

NA NO YES

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

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

Trip Blank was not provided with this set of samples.

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

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

QA REVIEW

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1914

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 05/15/2025

LAB CHRONICLE

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

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

LAB CHRONICLE

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



QC SUMMARY

Surrogate Summary

SDG No.: **Q1914**

Client: **CDM Smith**

Analytical Method: **SW8260D**

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

Surrogate Summary

SDG No.: **Q1914**

Client: **CDM Smith**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1914-09	SS-8	Toluene-d8	50	104	208 *	74	123
		4-Bromofluorobenzene	50	224	447 *	38	136
Q1914-09ME	SS-8ME	1,2-Dichloroethane-d4	50	45.8	92	63	155
		Dibromofluoromethane	50	54.7	109	70	134
		Toluene-d8	50	52.7	105	74	123
		4-Bromofluorobenzene	50	52.7	105	38	136
Q1914-09MEDL	SS-8MEDL	1,2-Dichloroethane-d4	50	47.5	95	63	155
		Dibromofluoromethane	50	59.2	118	70	134
		Toluene-d8	50	51.5	103	74	123
		4-Bromofluorobenzene	50	53.6	107	38	136
Q1914-10MS	SS-8MS	1,2-Dichloroethane-d4	50	41.1	82	63	155
		Dibromofluoromethane	50	47.5	95	70	134
		Toluene-d8	50	113	225 *	74	123
		4-Bromofluorobenzene	50	259	518 *	38	136
Q1914-11MSD	SS-8MSD	1,2-Dichloroethane-d4	50	48.9	98	63	155
		Dibromofluoromethane	50	50.0	100	70	134
		Toluene-d8	50	76.8	154 *	74	123
		4-Bromofluorobenzene	50	168	336 *	38	136
Q1914-12	SS-9	1,2-Dichloroethane-d4	50	56.4	113	63	155
		Dibromofluoromethane	50	52.0	104	70	134
		Toluene-d8	50	49.2	98	74	123
		4-Bromofluorobenzene	50	38.8	78	38	136
VN0505MBL01	VN0505MBL01	1,2-Dichloroethane-d4	50	48.4	97	63	155
		Dibromofluoromethane	50	60.5	121	70	134
		Toluene-d8	50	51.1	102	74	123
		4-Bromofluorobenzene	50	48.6	97	38	136
VN0505MBS01	VN0505MBS01	1,2-Dichloroethane-d4	50	51.5	103	63	155
		Dibromofluoromethane	50	57.3	115	70	134
		Toluene-d8	50	50.8	102	74	123
		4-Bromofluorobenzene	50	51.3	103	38	136
VN0505MBSD0	VN0505MBSD01	1,2-Dichloroethane-d4	50	51.3	103	63	155
		Dibromofluoromethane	50	58.2	116	70	134
		Toluene-d8	50	51.0	102	74	123
		4-Bromofluorobenzene	50	51.0	102	38	136
VN0506MBL01	VN0506MBL01	1,2-Dichloroethane-d4	50	46.9	94	63	155
		Dibromofluoromethane	50	60.6	121	70	134
		Toluene-d8	50	50.7	101	74	123
		4-Bromofluorobenzene	50	48.7	97	38	136
VN0506MBS01	VN0506MBS01	1,2-Dichloroethane-d4	50	48.6	97	63	155
		Dibromofluoromethane	50	57.7	115	70	134
		Toluene-d8	50	50.2	100	74	123
		4-Bromofluorobenzene	50	47.2	94	38	136
VN0506MBSD0	VN0506MBSD01	1,2-Dichloroethane-d4	50	49.5	99	63	155
		Dibromofluoromethane	50	59.4	119	70	134
		Toluene-d8	50	51.3	103	74	123
		4-Bromofluorobenzene	50	50.7	101	38	136
VY0501SBL01	VY0501SBL01	1,2-Dichloroethane-d4	50	49.2	98	63	155
		Dibromofluoromethane	50	50.6	101	70	134
		Toluene-d8	50	47.8	96	74	123
		4-Bromofluorobenzene	50	53.1	106	38	136

Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
VY0501SBS01	VY0501SBS01	1,2-Dichloroethane-d4	50	47.5	95	63	155
		Dibromofluoromethane	50	49.5	99	70	134
		Toluene-d8	50	50.1	100	74	123
		4-Bromofluorobenzene	50	49.3	99	38	136
VY0501SBSD01	VY0501SBSD01	1,2-Dichloroethane-d4	50	49.6	99	63	155
		Dibromofluoromethane	50	50.3	101	70	134
		Toluene-d8	50	51.4	103	74	123
		4-Bromofluorobenzene	50	50.7	101	38	136
VY0506SBL01	VY0506SBL01	1,2-Dichloroethane-d4	50	55.3	111	63	155
		Dibromofluoromethane	50	50.7	101	70	134
		Toluene-d8	50	48.2	96	74	123
		4-Bromofluorobenzene	50	53.8	108	38	136
VY0506SBS01	VY0506SBS01	1,2-Dichloroethane-d4	50	51.6	103	63	155
		Dibromofluoromethane	50	50.1	100	70	134
		Toluene-d8	50	50.8	102	74	123
		4-Bromofluorobenzene	50	50.6	101	38	136
VY0506SBSD01	VY0506SBSD01	1,2-Dichloroethane-d4	50	52.5	105	63	155
		Dibromofluoromethane	50	50.9	102	70	134
		Toluene-d8	50	52.3	105	74	123
		4-Bromofluorobenzene	50	51.4	103	38	136

Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914
Client: CDM Smith
Analytical Method: SW8260D **Datafile :** VN086491.D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VN086492.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0505MBSD01	Benzene	2000	2000	ug/Kg	100	0		84	121	20
	Toluene	2000	2100	ug/Kg	105	5		83	122	20
	Ethyl Benzene	2000	2000	ug/Kg	100	5		82	124	20
	m/p-Xylenes	4000	4000	ug/Kg	100	3		83	124	20
	o-Xylene	2000	2000	ug/Kg	100	0		83	123	20
	Isopropylbenzene	2000	2000	ug/Kg	100	5		82	124	20
	N-propylbenzene	2000	2000	ug/Kg	100	5		81	123	20
	1,3,5-Trimethylbenzene	2000	2000	ug/Kg	100	0		82	124	20
	tert-Butylbenzene	2000	2000	ug/Kg	100	0		81	125	20
	1,2,4-Trimethylbenzene	2000	2000	ug/Kg	100	0		81	125	20
	Sec-butylbenzene	2000	2000	ug/Kg	100	0		80	124	20
	p-Isopropyltoluene	2000	2000	ug/Kg	100	0		81	125	20
	n-Butylbenzene	2000	1900	ug/Kg	95	0		78	126	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VN086515.D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914
Client: CDM Smith
Analytical Method: SW8260D **Datafile :** VN086516.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN0506MBSD01	Benzene	2000	1900	ug/Kg	95	5		84	121	20
	Toluene	2000	2000	ug/Kg	100	5		83	122	20
	Ethyl Benzene	2000	1900	ug/Kg	95	0		82	124	20
	m/p-Xylenes	4000	4000	ug/Kg	100	5		83	124	20
	o-Xylene	2000	2000	ug/Kg	100	0		83	123	20
	Isopropylbenzene	2000	2000	ug/Kg	100	5		82	124	20
	N-propylbenzene	2000	1900	ug/Kg	95	5		81	123	20
	1,3,5-Trimethylbenzene	2000	2000	ug/Kg	100	5		82	124	20
	tert-Butylbenzene	2000	2000	ug/Kg	100	5		81	125	20
	1,2,4-Trimethylbenzene	2000	1900	ug/Kg	95	0		81	125	20
	Sec-butylbenzene	2000	1900	ug/Kg	95	0		80	124	20
	p-Isopropyltoluene	2000	1900	ug/Kg	95	0		81	125	20
	n-Butylbenzene	2000	1800	ug/Kg	90	6		78	126	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low

Datafile : VX045988.D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low

Datafile : VX045989.D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VY022097.D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VY022098.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0501SBSD01	Benzene	20	20.8	ug/Kg	104	3		84	121	20
	Toluene	20	20.9	ug/Kg	104	1		83	122	20
	Ethyl Benzene	20	19.8	ug/Kg	99	1		82	124	20
	m/p-Xylenes	40	41.0	ug/Kg	103	2		83	124	20
	o-Xylene	20	20.6	ug/Kg	103	5		83	123	20
	Isopropylbenzene	20	19.9	ug/Kg	100	4		82	124	20
	N-propylbenzene	20	20.0	ug/Kg	100	2		81	123	20
	1,3,5-Trimethylbenzene	20	20.4	ug/Kg	102	4		82	124	20
	tert-Butylbenzene	20	19.8	ug/Kg	99	4		81	125	20
	1,2,4-Trimethylbenzene	20	20.4	ug/Kg	102	4		81	125	20
	Sec-butylbenzene	20	19.9	ug/Kg	100	3		80	124	20
	p-Isopropyltoluene	20	19.9	ug/Kg	100	3		81	125	20
	n-Butylbenzene	20	19.3	ug/Kg	97	3		78	126	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VY022172.D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VY022173.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0506SBSD01	Benzene	20	22.4	ug/Kg	112	6		84	121	20
	Toluene	20	22.4	ug/Kg	112	5		83	122	20
	Ethyl Benzene	20	21.4	ug/Kg	107	5		82	124	20
	m/p-Xylenes	40	43.9	ug/Kg	110	6		83	124	20
	o-Xylene	20	21.1	ug/Kg	106	4		83	123	20
	Isopropylbenzene	20	21.0	ug/Kg	105	6		82	124	20
	N-propylbenzene	20	21.4	ug/Kg	107	4		81	123	20
	1,3,5-Trimethylbenzene	20	21.4	ug/Kg	107	5		82	124	20
	tert-Butylbenzene	20	20.8	ug/Kg	104	6		81	125	20
	1,2,4-Trimethylbenzene	20	21.7	ug/Kg	109	6		81	125	20
	Sec-butylbenzene	20	21.6	ug/Kg	108	5		80	124	20
	p-Isopropyltoluene	20	21.3	ug/Kg	106	5		81	125	20
	n-Butylbenzene	20	21.2	ug/Kg	106	6		78	126	20

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0505MBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1914

SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086479.D

Lab Sample ID: VN0505MBL01

Date Analyzed: 05/05/2025

Time Analyzed: 12:13

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0505MBS01	VN0505MBS01	VN086491.D	05/05/2025
VN0505MBSD01	VN0505MBSD01	VN086492.D	05/05/2025
SS-6MEDL	Q1914-07MEDL	VN086494.D	05/05/2025
SS-7DL	Q1914-08DL	VN086495.D	05/05/2025
SS-8MEDL	Q1914-09MEDL	VN086496.D	05/05/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0506MBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1914

SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086505.D

Lab Sample ID: VN0506MBL01

Date Analyzed: 05/06/2025

Time Analyzed: 11:11

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0506MBS01	VN0506MBS01	VN086515.D	05/06/2025
VN0506MBSD01	VN0506MBSD01	VN086516.D	05/06/2025
SS-5ME	Q1914-06ME	VN086518.D	05/06/2025
SS-6ME	Q1914-07ME	VN086519.D	05/06/2025
SS-7	Q1914-08	VN086520.D	05/06/2025
SS-8ME	Q1914-09ME	VN086521.D	05/06/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0430WBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1914

SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045987.D

Lab Sample ID: VX0430WBL01

Date Analyzed: 04/30/2025

Time Analyzed: 10:55

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

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

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0501SBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1914

SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022096.D

Lab Sample ID: VY0501SBL01

Date Analyzed: 05/01/2025

Time Analyzed: 10:11

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0501SBS01	VY0501SBS01	VY022097.D	05/01/2025
VY0501SBSD01	VY0501SBSD01	VY022098.D	05/01/2025
SS-1	Q1914-01	VY022107.D	05/01/2025
SS-91	Q1914-02	VY022108.D	05/01/2025
SS-2	Q1914-03	VY022109.D	05/01/2025
SS-3	Q1914-04	VY022110.D	05/01/2025
SS-4	Q1914-05	VY022111.D	05/01/2025
SS-5	Q1914-06	VY022112.D	05/01/2025
SS-6	Q1914-07	VY022113.D	05/01/2025
SS-8	Q1914-09	VY022114.D	05/01/2025
SS-8MS	Q1914-10MS	VY022115.D	05/01/2025
SS-8MSD	Q1914-11MSD	VY022116.D	05/01/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0506SBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1914

SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022171.D

Lab Sample ID: VY0506SBL01

Date Analyzed: 05/06/2025

Time Analyzed: 09:45

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

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0506SBS01	VY0506SBS01	VY022172.D	05/06/2025
VY0506SBSD01	VY0506SBSD01	VY022173.D	05/06/2025
SS-9	Q1914-12	VY022178.D	05/06/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
Lab File ID: VN086477.D BFB Injection Date: 05/05/2025
Instrument ID: MSVOA_N BFB Injection Time: 10:23
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

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

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN086478.D	05/05/2025	11:32
VN0505MBL01	VN0505MBL01	VN086479.D	05/05/2025	12:13
VN0505MBS01	VN0505MBS01	VN086491.D	05/05/2025	17:13
VN0505MBS01	VN0505MBS01	VN086492.D	05/05/2025	17:37
SS-6MEDL	Q1914-07MEDL	VN086494.D	05/05/2025	18:25
SS-7DL	Q1914-08DL	VN086495.D	05/05/2025	18:49
SS-8MEDL	Q1914-09MEDL	VN086496.D	05/05/2025	19:14

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
Lab File ID: VN086503.D BFB Injection Date: 05/06/2025
Instrument ID: MSVOA_N BFB Injection Time: 09:13
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19
75	30.0 - 60.0% of mass 95	51.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	73.8
175	5.0 - 9.0% of mass 174	5 (6.8) 1
176	95.0 - 101.0% of mass 174	71.8 (97.3) 1
177	5.0 - 9.0% of mass 176	4.6 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN086504.D	05/06/2025	10:35
VN0506MBL01	VN0506MBL01	VN086505.D	05/06/2025	11:11
VN0506MBS01	VN0506MBS01	VN086515.D	05/06/2025	15:23
VN0506MBSD01	VN0506MBSD01	VN086516.D	05/06/2025	15:47
SS-5ME	Q1914-06ME	VN086518.D	05/06/2025	16:35
SS-6ME	Q1914-07ME	VN086519.D	05/06/2025	16:59
SS-7	Q1914-08	VN086520.D	05/06/2025	17:23
SS-8ME	Q1914-09ME	VN086521.D	05/06/2025	17:48

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
Lab File ID: VX045524.D BFB Injection Date: 04/01/2025
Instrument ID: MSVOA_X BFB Injection Time: 16:15
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	58.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.2 (7.8) 1
176	95.0 - 101.0% of mass 174	65.3 (97.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX045525.D	04/01/2025	17:06
VSTDIC005	VSTDIC005	VX045526.D	04/01/2025	17:29
VSTDIC020	VSTDIC020	VX045527.D	04/01/2025	17:52
VSTDIC050	VSTDIC050	VX045528.D	04/01/2025	18:15
VSTDIC100	VSTDIC100	VX045529.D	04/01/2025	18:38
VSTDIC150	VSTDIC150	VX045530.D	04/01/2025	19:02

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
Lab File ID: VX045984.D BFB Injection Date: 04/30/2025
Instrument ID: MSVOA_X BFB Injection Time: 09:32
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.5
75	30.0 - 60.0% of mass 95	57.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	69.5
175	5.0 - 9.0% of mass 174	5.3 (7.7) 1
176	95.0 - 101.0% of mass 174	67.1 (96.5) 1
177	5.0 - 9.0% of mass 176	4.5 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
Lab File ID: VY022094.D BFB Injection Date: 05/01/2025
Instrument ID: MSVOA_Y BFB Injection Time: 08:20
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

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

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022095.D	05/01/2025	08:50
VY0501SBL01	VY0501SBL01	VY022096.D	05/01/2025	10:11
VY0501SBS01	VY0501SBS01	VY022097.D	05/01/2025	10:42
VY0501SBSD01	VY0501SBSD01	VY022098.D	05/01/2025	11:04
SS-1	Q1914-01	VY022107.D	05/01/2025	15:02
SS-91	Q1914-02	VY022108.D	05/01/2025	15:28
SS-2	Q1914-03	VY022109.D	05/01/2025	16:04
SS-3	Q1914-04	VY022110.D	05/01/2025	16:27
SS-4	Q1914-05	VY022111.D	05/01/2025	16:49
SS-5	Q1914-06	VY022112.D	05/01/2025	17:16
SS-6	Q1914-07	VY022113.D	05/01/2025	17:37
SS-8	Q1914-09	VY022114.D	05/01/2025	18:00
SS-8MS	Q1914-10MS	VY022115.D	05/01/2025	18:23
SS-8MSD	Q1914-11MSD	VY022116.D	05/01/2025	18:46

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
Lab File ID: VY022169.D BFB Injection Date: 05/06/2025
Instrument ID: MSVOA_Y BFB Injection Time: 08:00
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

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

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022170.D	05/06/2025	09:14
VY0506SBL01	VY0506SBL01	VY022171.D	05/06/2025	09:45
VY0506SBS01	VY0506SBS01	VY022172.D	05/06/2025	10:17
VY0506SBSD01	VY0506SBSD01	VY022173.D	05/06/2025	10:39
SS-9	Q1914-12	VY022178.D	05/06/2025	13:03

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
Lab File ID: VN086478.D Date Analyzed: 05/05/2025
Instrument ID: MSVOA_N Time Analyzed: 11:32
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	154484	8.22	297307	9.10	276417	11.87
UPPER LIMIT	308968	8.718	594614	9.6	552834	12.365
LOWER LIMIT	77242	7.718	148654	8.6	138209	11.365
EPA SAMPLE NO.						
SS-6MEDL	166833	8.22	307337	9.10	302781	11.87
SS-7DL	162880	8.22	306914	9.10	283717	11.87
SS-8MEDL	167617	8.22	312635	9.10	300291	11.87
VN0505MBL01	156968	8.22	298822	9.10	277824	11.87
VN0505MBS01	174392	8.22	323563	9.10	294006	11.87
VN0505MBSD01	171578	8.22	315066	9.10	287880	11.87

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
 Lab File ID: VN086478.D Date Analyzed: 05/05/2025
 Instrument ID: MSVOA_N Time Analyzed: 11:32
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	133852	13.788				
UPPER LIMIT	267704	14.288				
LOWER LIMIT	66926	13.288				
EPA SAMPLE NO.						
SS-6MEDL	140970	13.79				
SS-7DL	128135	13.79				
SS-8MEDL	141242	13.79				
VN0505MBL01	117072	13.79				
VN0505MBS01	137470	13.79				
VN0505MBSD01	129515	13.79				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
 Lab File ID: VN086504.D Date Analyzed: 05/06/2025
 Instrument ID: MSVOA_N Time Analyzed: 10:35
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	186971	8.22	338775	9.09	314072	11.86
UPPER LIMIT	373942	8.724	677550	9.594	628144	12.359
LOWER LIMIT	93485.5	7.724	169388	8.594	157036	11.359
EPA SAMPLE NO.						
SS-5ME	169551	8.22	319127	9.09	297541	11.87
SS-6ME	172187	8.22	322534	9.09	313788	11.87
SS-7	198517	8.22	370271	9.09	347259	11.86
SS-8ME	202938	8.22	380050	9.09	349216	11.87
VN0506MBL01	194854	8.22	360705	9.10	339328	11.87
VN0506MBS01	186931	8.22	334765	9.10	293306	11.87
VN0506MBSD01	179114	8.22	320919	9.10	294238	11.87

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
 Lab File ID: VN086504.D Date Analyzed: 05/06/2025
 Instrument ID: MSVOA_N Time Analyzed: 10:35
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	155373	13.788				
UPPER LIMIT	310746	14.288				
LOWER LIMIT	77686.5	13.288				
EPA SAMPLE NO.						
SS-5ME	131140	13.79				
SS-6ME	148688	13.79				
SS-7	152767	13.79				
SS-8ME	167366	13.79				
VN0506MBL01	141530	13.79				
VN0506MBS01	131486	13.79				
VN0506MBSD01	133843	13.79				

IS4 = 1,4-Dichlorobenzene-d4

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
 Lab File ID: VX045985.D Date Analyzed: 04/30/2025
 Instrument ID: MSVOA_X Time Analyzed: 10:01
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	83019	5.55	141256	6.75	122754	10.05
UPPER LIMIT	166038	6.049	282512	7.25	245508	10.549
LOWER LIMIT	41509.5	5.049	70628	6.25	61377	9.549
EPA SAMPLE NO.						
FB04282025	59292	5.55	117758	6.76	108001	10.06
VX0430WBL01	62274	5.54	125239	6.76	116463	10.05
VX0430WBS01	79591	5.54	138531	6.76	123154	10.05
VX0430WBSD01	77091	5.54	132529	6.76	119517	10.05

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
 Lab File ID: VX045985.D Date Analyzed: 04/30/2025
 Instrument ID: MSVOA_X Time Analyzed: 10:01
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

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

IS4 = 1,4-Dichlorobenzene-d4

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
 Lab File ID: VY022095.D Date Analyzed: 05/01/2025
 Instrument ID: MSVOA_Y Time Analyzed: 08:50
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	300031	7.71	433614	8.62	410078	11.42
UPPER LIMIT	600062	8.207	867228	9.116	820156	11.92
LOWER LIMIT	150016	7.207	216807	8.116	205039	10.92
EPA SAMPLE NO.						
SS-1	324354	7.71	597762	8.62	534537	11.41
SS-91	377287	7.71	686536	8.62	618810	11.41
SS-2	334804	7.71	631024	8.62	599039	11.41
SS-3	334416	7.71	623746	8.62	568605	11.41
SS-4	329699	7.71	612320	8.62	536248	11.41
SS-5	348703	7.71	593175	8.62	525097	11.41
SS-6	546701	7.71	868396 *	8.62	697183	11.41
SS-8	521018	7.71	814848	8.62	583005	11.42
SS-8MS	342721	7.71	536963	8.62	334367	11.42
SS-8MSD	321965	7.71	519584	8.62	313382	11.42
VY0501SBL01	317996	7.71	585580	8.62	508953	11.42
VY0501SBS01	294485	7.71	452802	8.62	414235	11.41
VY0501SBSD01	290517	7.71	444556	8.62	410264	11.41

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
 Lab File ID: VY022095.D Date Analyzed: 05/01/2025
 Instrument ID: MSVOA_Y Time Analyzed: 08:50
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	227184	13.347				
UPPER LIMIT	454368	13.847				
LOWER LIMIT	113592	12.847				
EPA SAMPLE NO.						
SS-1	218119	13.35				
SS-91	255221	13.35				
SS-2	258914	13.35				
SS-3	236192	13.35				
SS-4	199649	13.35				
SS-5	237049	13.35				
SS-6	327199	13.35				
SS-8	511573 *	13.35				
SS-8MS	378955	13.33				
SS-8MSD	398456	13.35				
VY0501SBL01	180066	13.35				
VY0501SBS01	225406	13.35				
VY0501SBSD01	219160	13.35				

IS4 = 1,4-Dichlorobenzene-d4

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
 Lab File ID: VY022170.D Date Analyzed: 05/06/2025
 Instrument ID: MSVOA_Y Time Analyzed: 09:14
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	239745	7.71	360580	8.62	331226	11.42
UPPER LIMIT	479490	8.213	721160	9.116	662452	11.92
LOWER LIMIT	119873	7.213	180290	8.116	165613	10.92
EPA SAMPLE NO.						
SS-9	197156	7.71	383574	8.62	339845	11.42
VY0506SBL01	251073	7.71	481164	8.62	415589	11.42
VY0506SBS01	219542	7.71	344933	8.62	314858	11.42
VY0506SBSD01	213818	7.71	337521	8.62	309806	11.42

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914
 Lab File ID: VY022170.D Date Analyzed: 05/06/2025
 Instrument ID: MSVOA_Y Time Analyzed: 09:14
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	184988	13.346				
UPPER LIMIT	369976	13.846				
LOWER LIMIT	92494	12.846				
EPA SAMPLE NO.						
SS-9	120680	13.35				
VY0506SBL01	146510	13.35				
VY0506SBS01	170277	13.35				
VY0506SBSD01	166836	13.35				

IS4 = 1,4-Dichlorobenzene-d4

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

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



SAMPLE DATA

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	0.58	U	0.58	3.70	ug/Kg
108-88-3	Toluene	0.57	U	0.57	3.70	ug/Kg
100-41-4	Ethyl Benzene	0.49	U	0.49	3.70	ug/Kg
1330-20-7	Total Xylenes	1.51	U	1.51	11.0	ug/Kg
98-82-8	Isopropylbenzene	0.57	U	0.57	3.70	ug/Kg
103-65-1	n-propylbenzene	0.53	U	0.53	3.70	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.60	U	0.60	3.70	ug/Kg
98-06-6	tert-Butylbenzene	0.49	U	0.49	3.70	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.47	U	0.47	3.70	ug/Kg
135-98-8	sec-Butylbenzene	0.48	U	0.48	3.70	ug/Kg
99-87-6	p-Isopropyltoluene	0.45	U	0.45	3.70	ug/Kg
104-51-8	n-Butylbenzene	1.10	U	1.10	3.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.7		63 - 155	93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	47.7		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.8		38 - 136	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	324000	7.707			
540-36-3	1,4-Difluorobenzene	598000	8.616			
3114-55-4	Chlorobenzene-d5	535000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	218000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						
000124-18-5	Decane	13.4	J		12.7	ug/Kg
001120-21-4	Undecane	19.9	J		13.7	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	14.2	J		14.2	ug/Kg
000464-48-2	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	6.30	J		14.3	ug/Kg
000112-40-3	Dodecane	11.9	J		14.5	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	7.10	J		14.7	ug/Kg
061141-72-8	Dodecane, 4,6-dimethyl-	6.00	J		15.1	ug/Kg
000629-50-5	Tridecane	9.70	J		15.3	ug/Kg

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	6.10	J		16.1	ug/Kg
Total VOC TICs	Total VOC TICs	94.6	J		131	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1

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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	324354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	597762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	534537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	218119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139943	46.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.420%
35) Dibromofluoromethane	7.634	113	192445	48.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.460%
50) Toluene-d8	10.109	98	709809	47.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.408	95	219737	43.842	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.680%

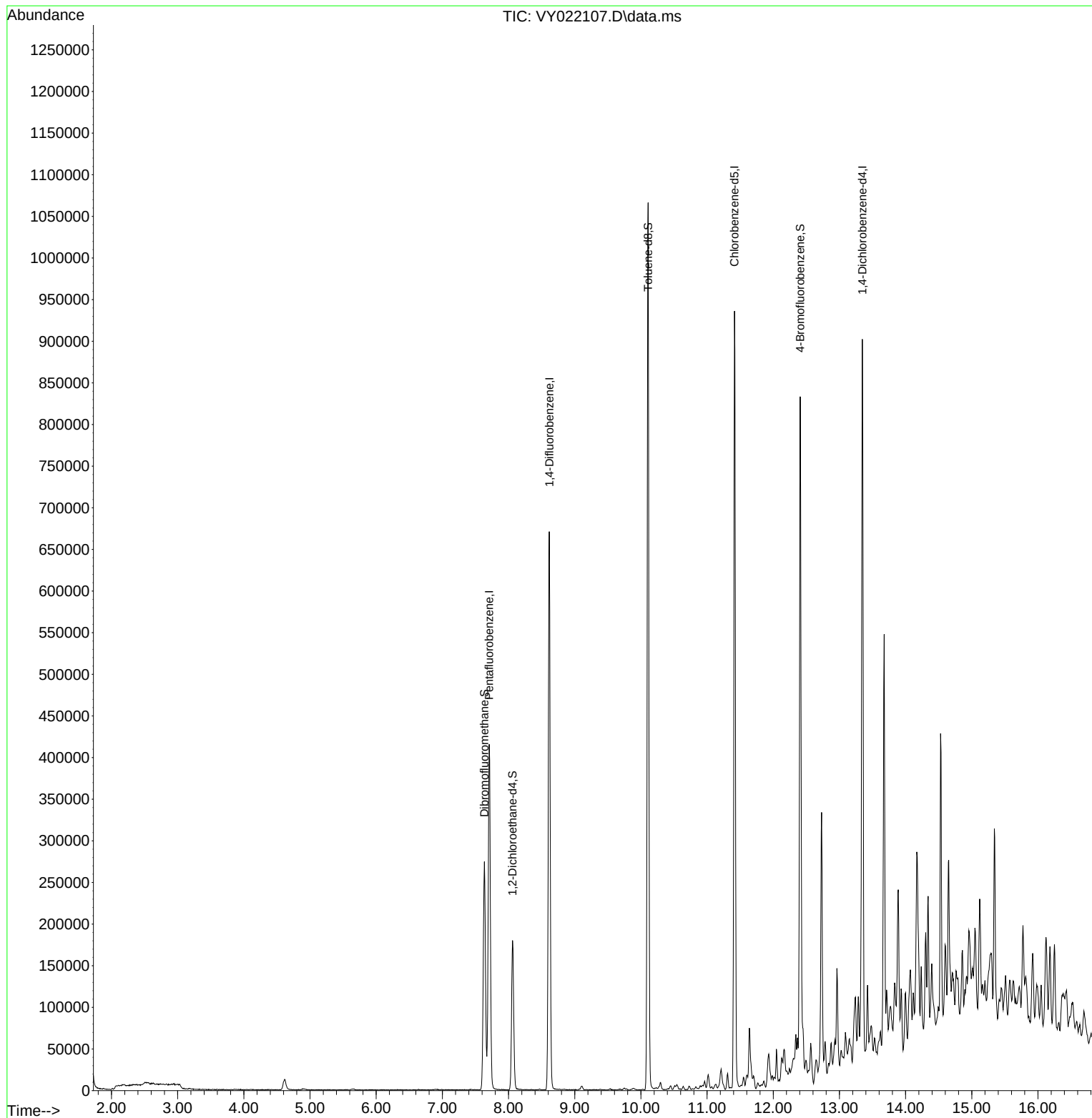
Target Compounds	Qvalue

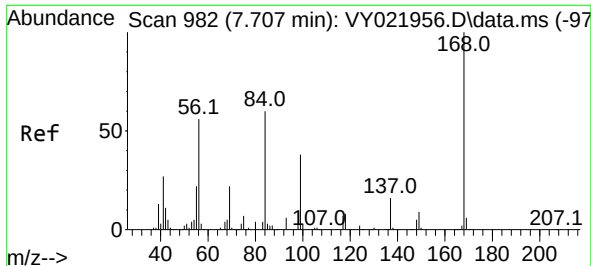
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_Y
ClientSampleId :
SS-1

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

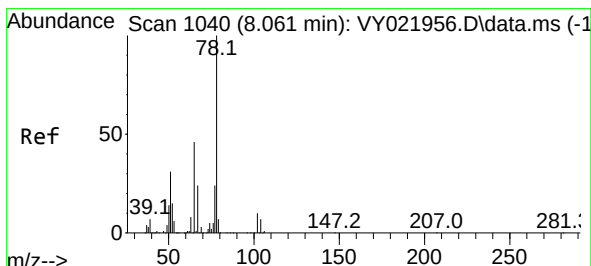
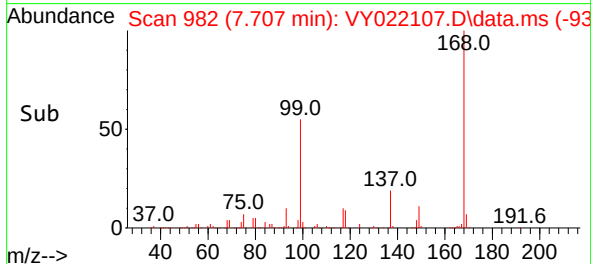
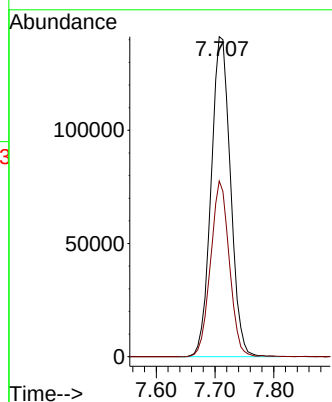
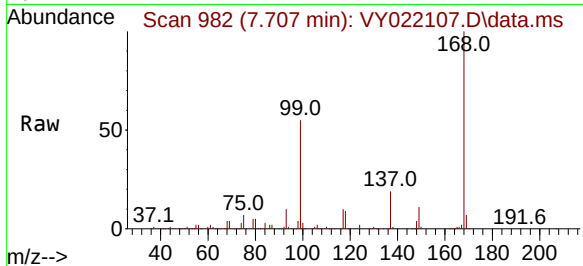




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

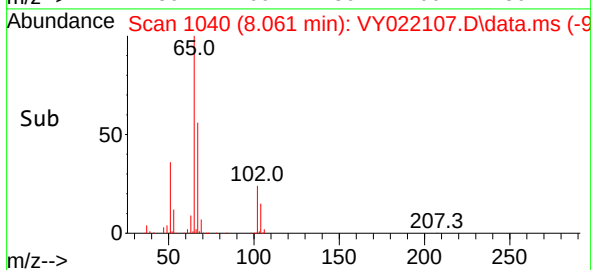
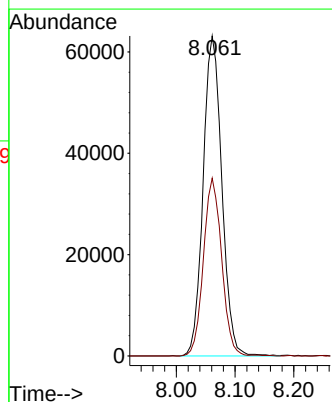
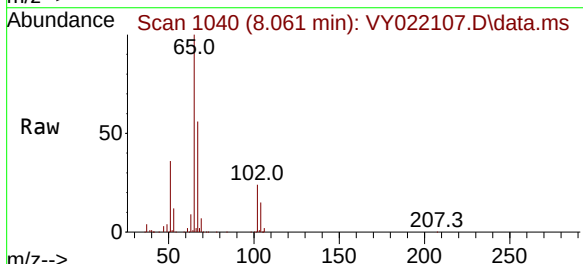
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

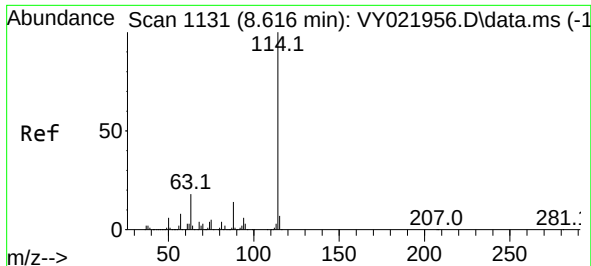
Tgt Ion:168 Resp: 324354
Ion Ratio Lower Upper
168 100
99 54.9 43.1 64.7



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

Tgt Ion: 65 Resp: 139943
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022107.D

Acq: 01 May 2025 15:02

Instrument :

MSVOA_Y

ClientSampleId :

SS-1

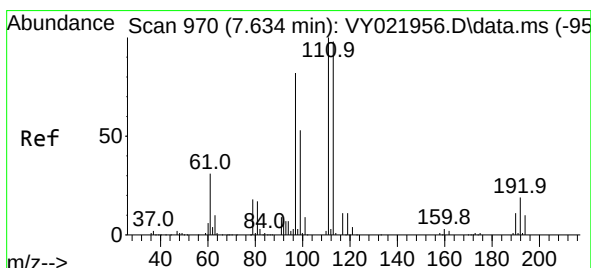
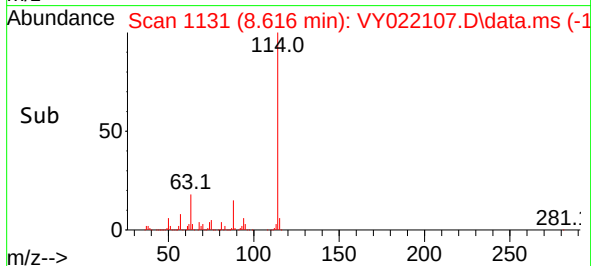
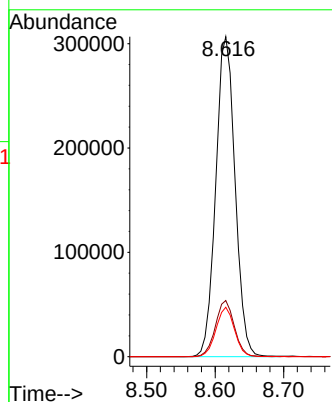
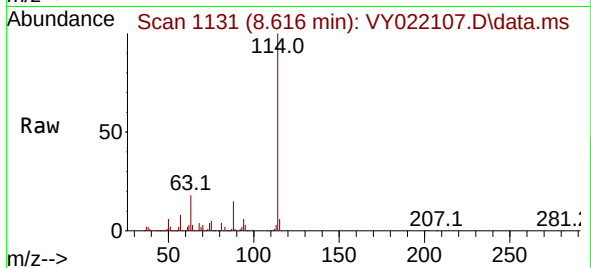
Tgt Ion:114 Resp: 597762

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

88 15.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 48.731 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022107.D

Acq: 01 May 2025 15:02

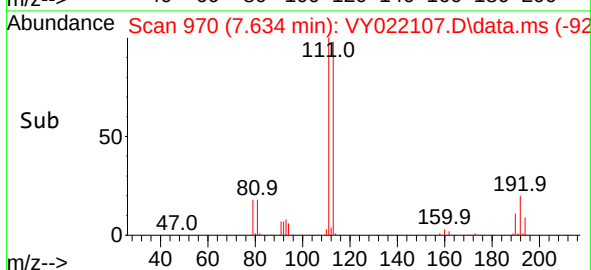
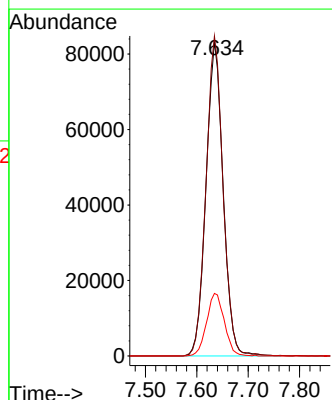
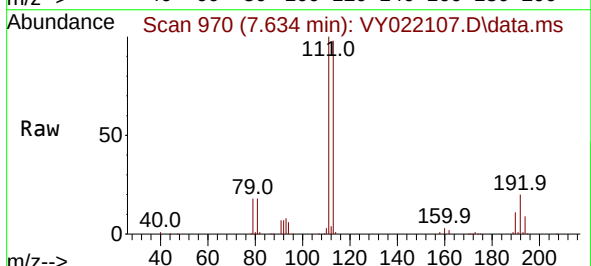
Tgt Ion:113 Resp: 192445

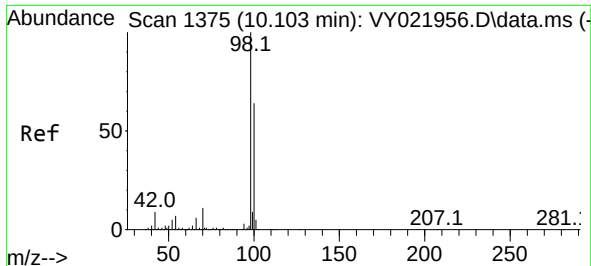
Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

192 20.7 15.6 23.4

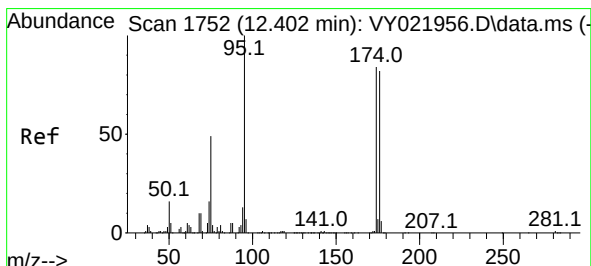
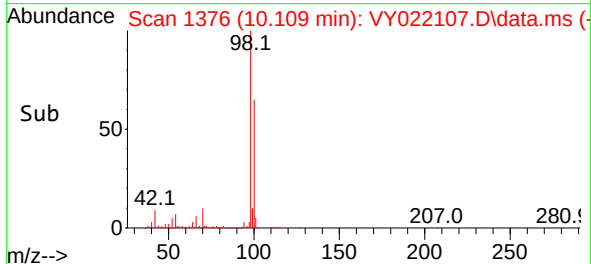
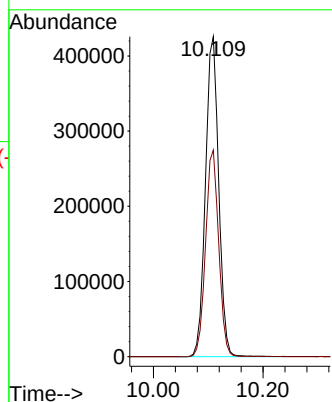
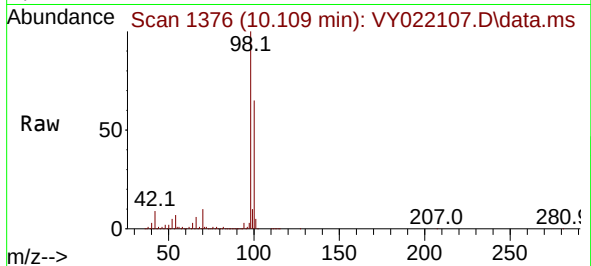




#50
Toluene-d8
Concen: 47.676 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

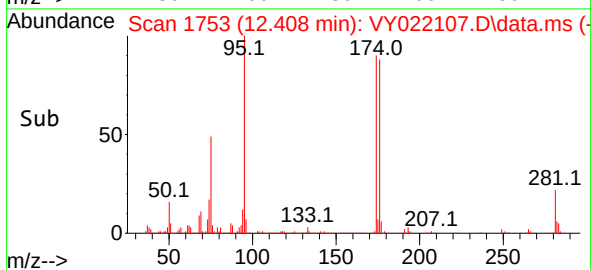
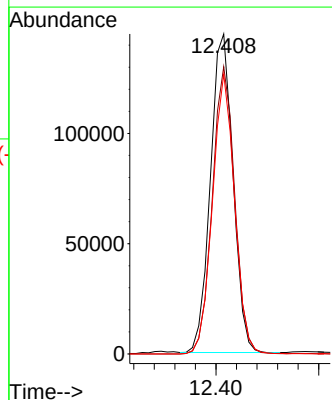
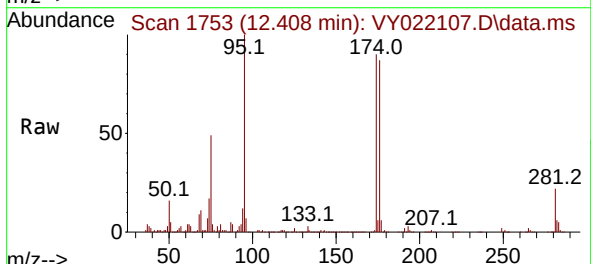
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

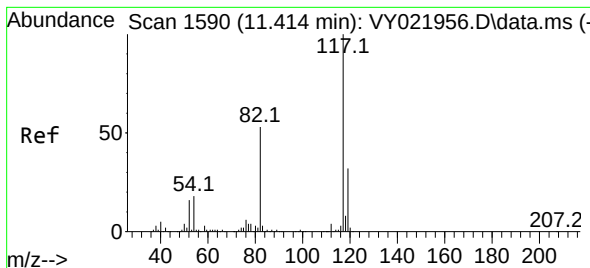
Tgt Ion: 98 Resp: 709809
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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

Tgt Ion: 95 Resp: 219737
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.0
176 86.2 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022107.D

Acq: 01 May 2025 15:02

Instrument :

MSVOA_Y

ClientSampleId :

SS-1

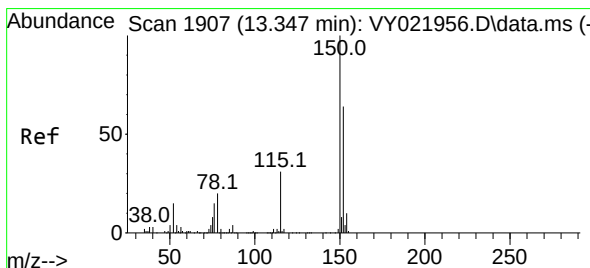
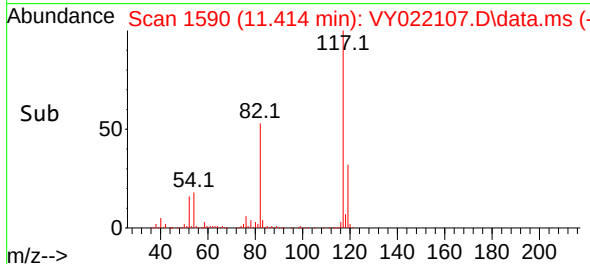
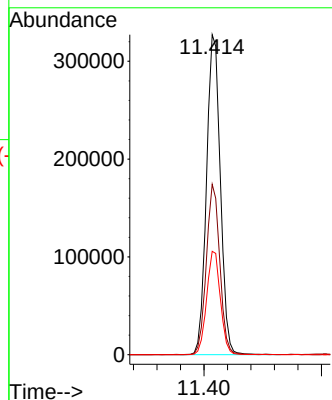
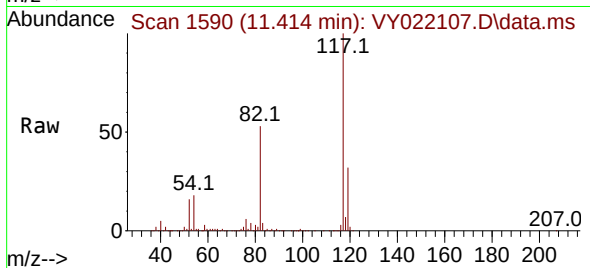
Tgt Ion:117 Resp: 534537

Ion Ratio Lower Upper

117 100

82 53.2 42.1 63.1

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022107.D

Acq: 01 May 2025 15:02

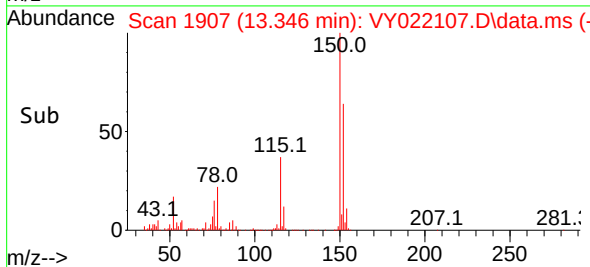
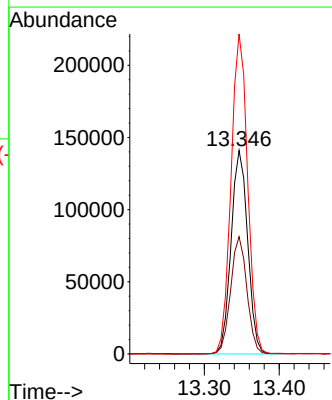
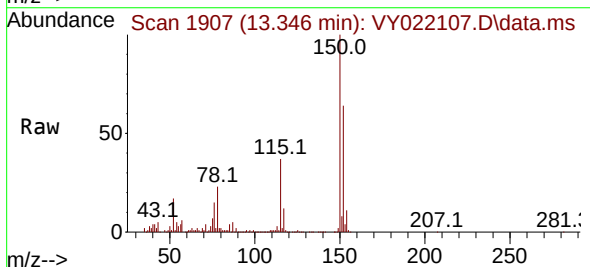
Tgt Ion:152 Resp: 218119

Ion Ratio Lower Upper

152 100

115 56.8 28.0 84.0

150 156.9 0.0 345.6



Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	0.60	U	0.60	3.80	ug/Kg
108-88-3	Toluene	0.59	U	0.59	3.80	ug/Kg
100-41-4	Ethyl Benzene	0.51	U	0.51	3.80	ug/Kg
1330-20-7	Total Xylenes	1.56	U	1.56	11.4	ug/Kg
98-82-8	Isopropylbenzene	0.59	U	0.59	3.80	ug/Kg
103-65-1	n-propylbenzene	0.56	U	0.56	3.80	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.87	J	0.62	3.80	ug/Kg
98-06-6	tert-Butylbenzene	0.51	U	0.51	3.80	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.49	U	0.49	3.80	ug/Kg
135-98-8	sec-Butylbenzene	0.50	U	0.50	3.80	ug/Kg
99-87-6	p-Isopropyltoluene	0.47	U	0.47	3.80	ug/Kg
104-51-8	n-Butylbenzene	1.10	U	1.10	3.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.1		63 - 155	86%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	48.4		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.5		38 - 136	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	377000	7.707			
540-36-3	1,4-Difluorobenzene	687000	8.615			
3114-55-4	Chlorobenzene-d5	619000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	255000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						
001120-21-4	Undecane	5.50	J		13.7	ug/Kg
000527-84-4	o-Cymene	7.80	J		13.9	ug/Kg
001595-16-0	unknown14.529	4.20	J		14.5	ug/Kg
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	6.70	J		14.6	ug/Kg
004920-99-4	Benzene, 1-ethyl-3-(1-methylethyl)	4.80	J		14.9	ug/Kg
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	5.20	J		15.0	ug/Kg
079209-36-2	1,3-Cyclopentadiene, 5-(trans-2-et	6.60	J		15.3	ug/Kg
005676-32-4	Benzene, (1-methylenebutyl)-	4.50	J		15.6	ug/Kg

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000769-25-5	Benzene, 2-ethenyl-1,3,5-trimethyl	4.40	J		15.9	ug/Kg
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	6.10	J		16.1	ug/Kg
Total VOC TICs	Total VOC TICs	55.8	J		149	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-91

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

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

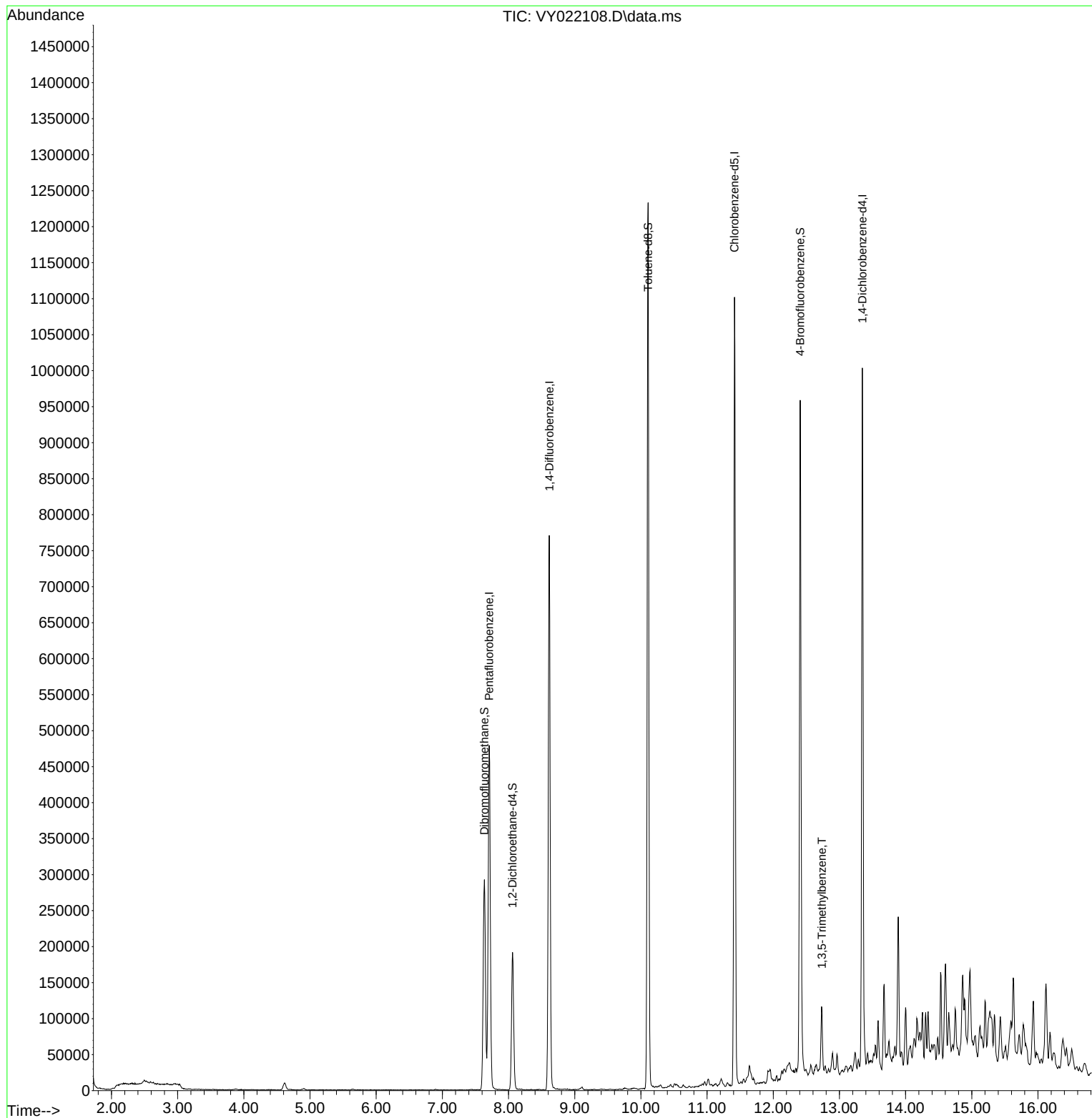
Internal Standards						
1) Pentafluorobenzene	7.707	168	377287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	686536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	618810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	255221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4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

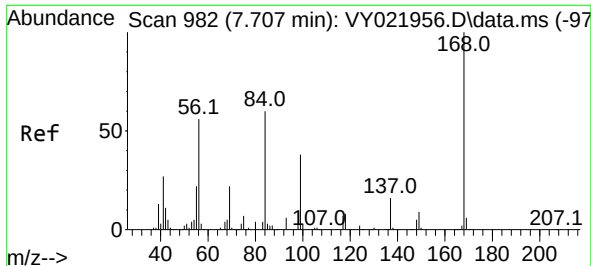
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_Y
ClientSampleId :
SS-91

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

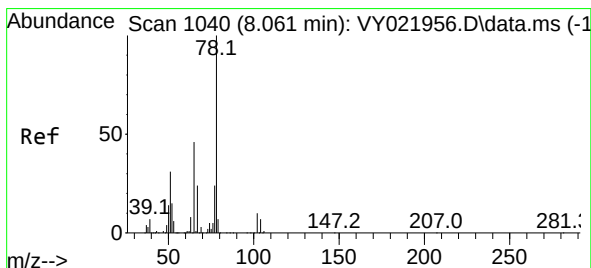
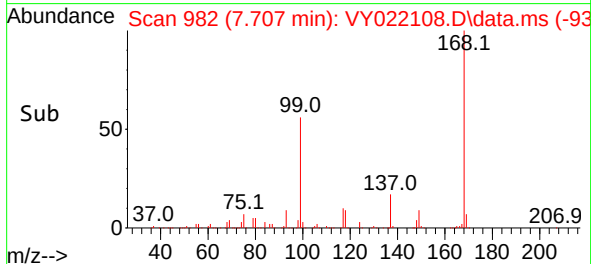
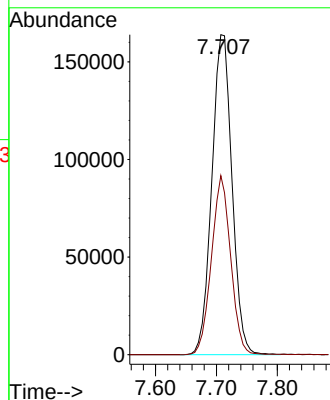
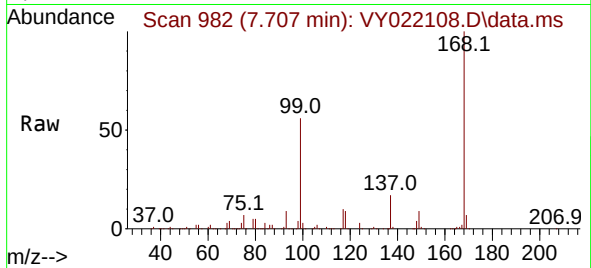




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022108.D
Acq: 01 May 2025 15:28

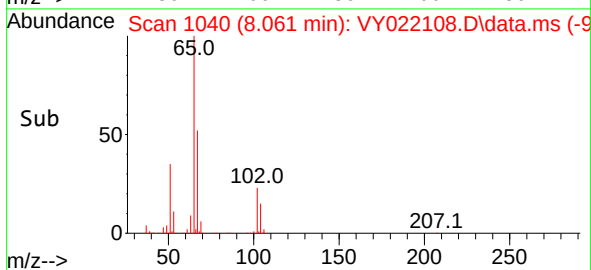
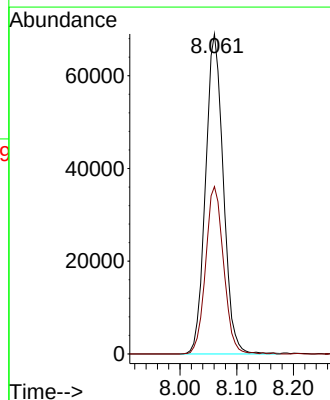
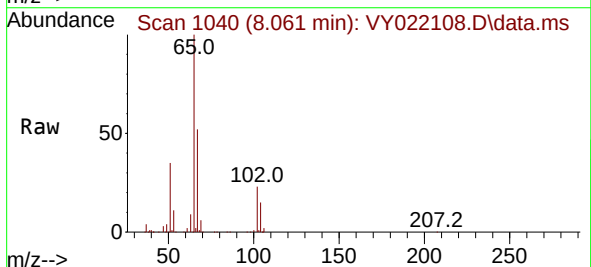
Instrument :
MSVOA_Y
ClientSampleId :
SS-91

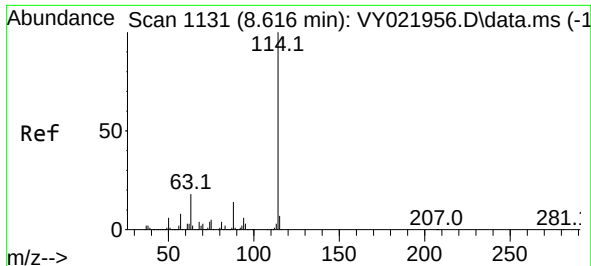
Tgt Ion:168 Resp: 377287
Ion Ratio Lower Upper
168 100
99 56.0 43.1 64.7



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

Tgt Ion: 65 Resp: 150161
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022108.D

Acq: 01 May 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

SS-91

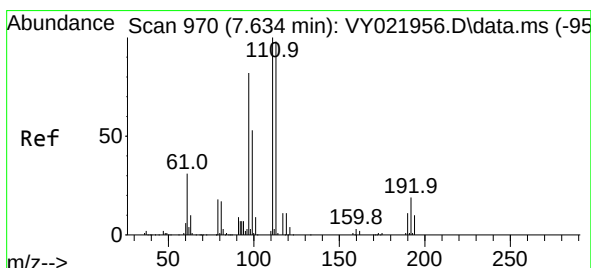
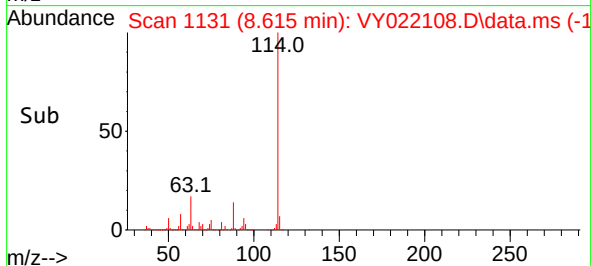
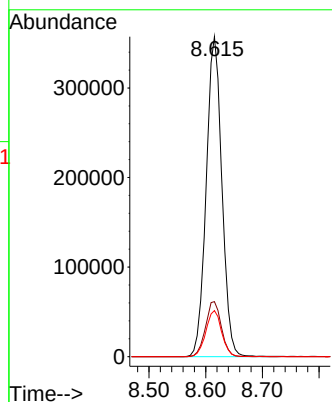
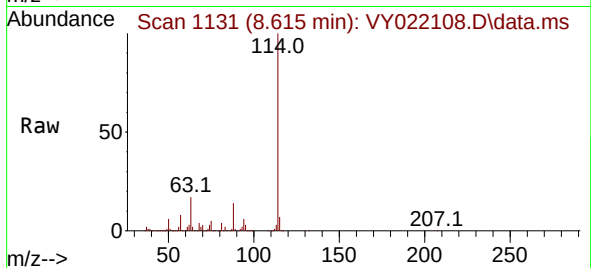
Tgt Ion:114 Resp: 686536

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 46.785 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022108.D

Acq: 01 May 2025 15:28

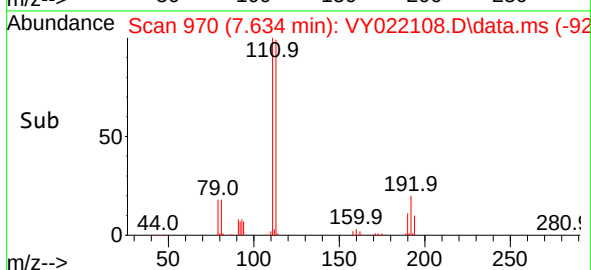
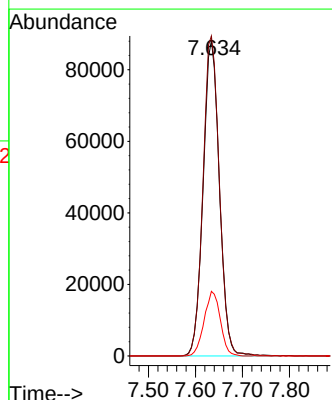
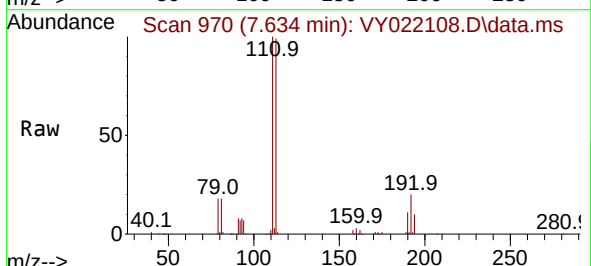
Tgt Ion:113 Resp: 212201

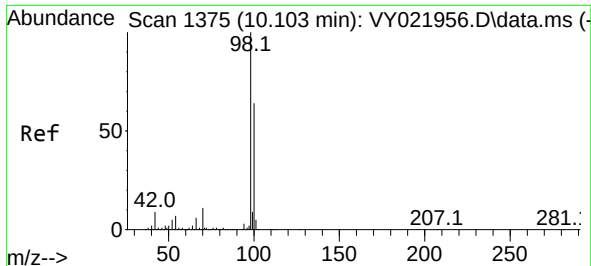
Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

192 20.3 15.6 23.4

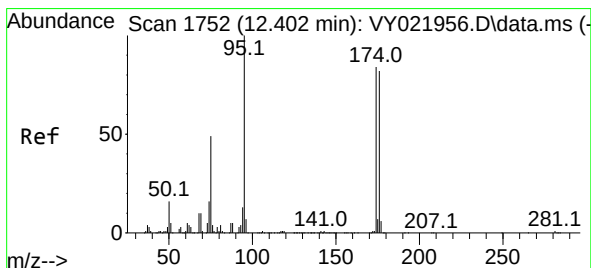
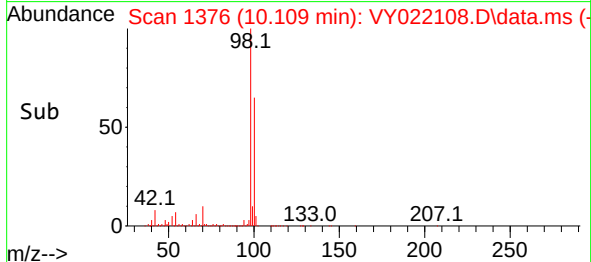
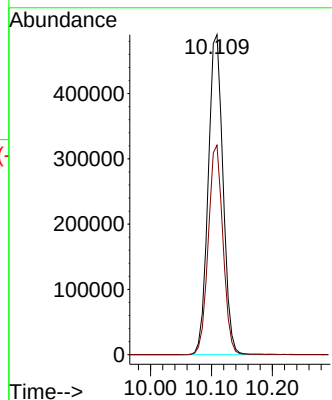
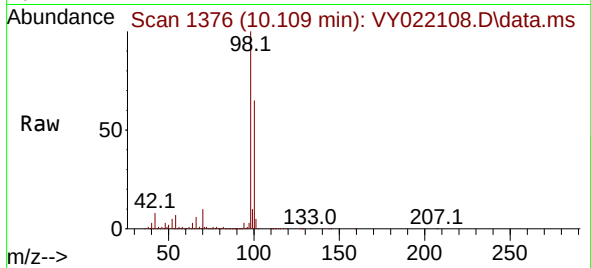




#50
Toluene-d8
Concen: 48.403 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022108.D
Acq: 01 May 2025 15:28

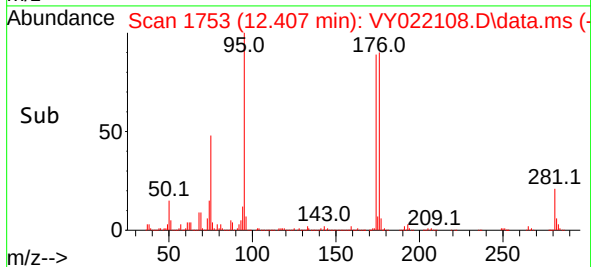
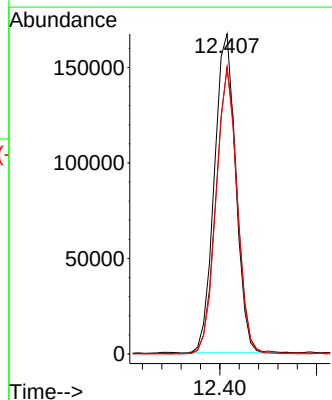
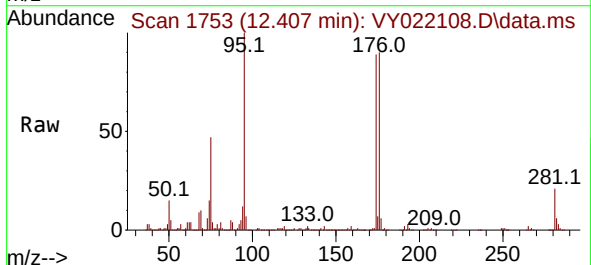
Instrument :
MSVOA_Y
ClientSampleId :
SS-91

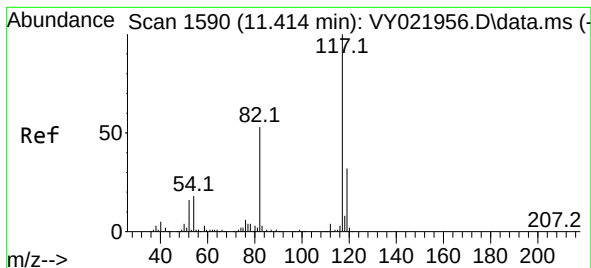
Tgt Ion: 98 Resp: 827662
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



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

Tgt Ion: 95 Resp: 256059
Ion Ratio Lower Upper
95 100
174 90.6 0.0 179.0
176 88.0 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY022108.D

Acq: 01 May 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

SS-91

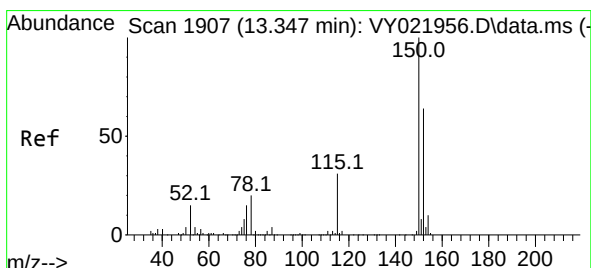
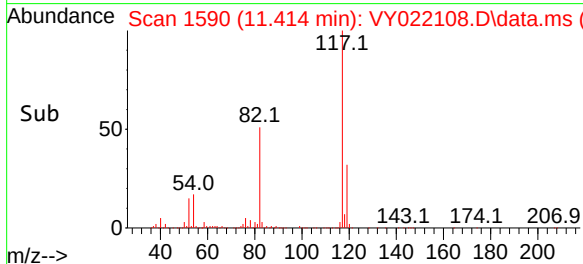
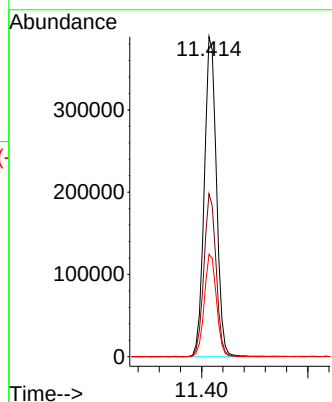
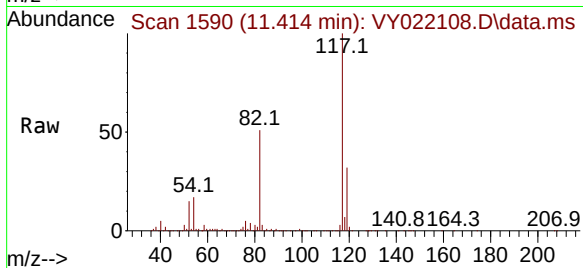
Tgt Ion:117 Resp: 618810

Ion Ratio Lower Upper

117 100

82 50.8 42.1 63.1

119 32.0 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022108.D

Acq: 01 May 2025 15:28

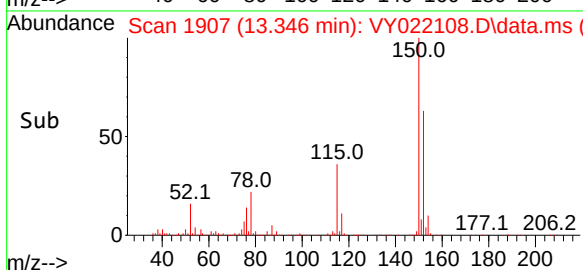
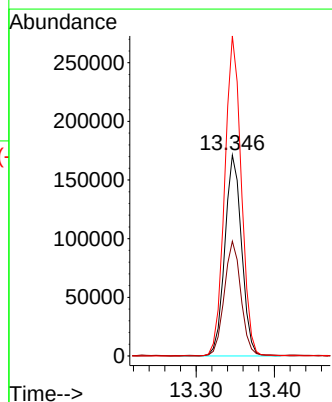
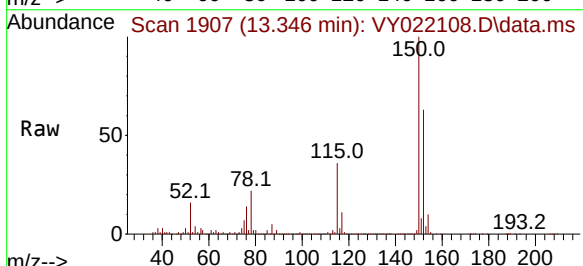
Tgt Ion:152 Resp: 255221

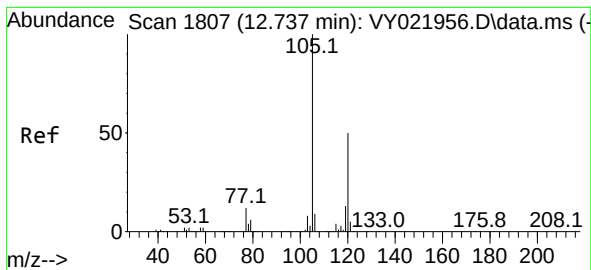
Ion Ratio Lower Upper

152 100

115 56.4 28.0 84.0

150 158.0 0.0 345.6





#80

1,3,5-Trimethylbenzene

Concen: 1.144 ug/l

RT: 12.737 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022108.D

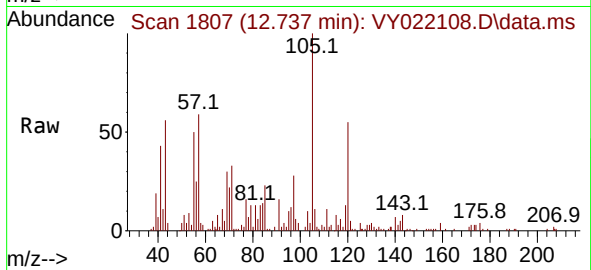
Acq: 01 May 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

SS-91

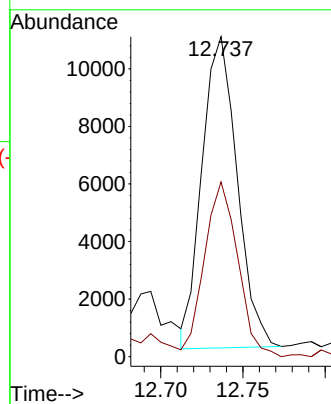
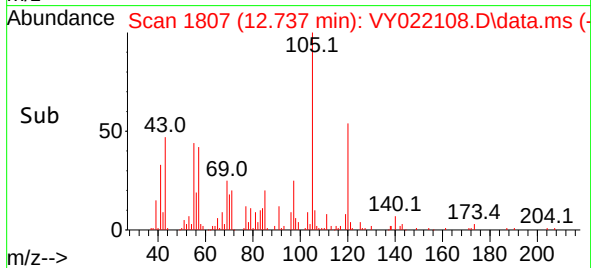


Tgt Ion:105 Resp: 16067

Ion Ratio Lower Upper

105 100

120 53.3 25.0 75.0



Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	0.57	U	0.57	3.60	ug/Kg
108-88-3	Toluene	0.56	U	0.56	3.60	ug/Kg
100-41-4	Ethyl Benzene	0.48	U	0.48	3.60	ug/Kg
1330-20-7	Total Xylenes	1.48	U	1.48	10.8	ug/Kg
98-82-8	Isopropylbenzene	0.56	U	0.56	3.60	ug/Kg
103-65-1	n-propylbenzene	0.53	U	0.53	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.59	U	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	0.48	U	0.48	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.46	U	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	0.48	U	0.48	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	0.45	U	0.45	3.60	ug/Kg
104-51-8	n-Butylbenzene	1.00	U	1.00	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.8		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	48.3		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		38 - 136	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	335000	7.707			
540-36-3	1,4-Difluorobenzene	631000	8.616			
3114-55-4	Chlorobenzene-d5	599000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	259000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						
000124-18-5	Decane	6.20	J		12.7	ug/Kg
001120-21-4	Undecane	9.20	J		13.7	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	8.80	J		14.2	ug/Kg
000112-40-3	Dodecane	6.50	J		14.5	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	4.80	J		14.6	ug/Kg
000629-50-5	Tridecane	4.20	J		15.3	ug/Kg
Total VOC TICs	Total VOC TICs	39.7	J		85.1	ug/Kg

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-2

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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	334804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	631024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	599039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	258914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	169383	54.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.540%
35) Dibromofluoromethane	7.634	113	210852	50.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.109	98	758927	48.288	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.408	95	254119	48.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.060%

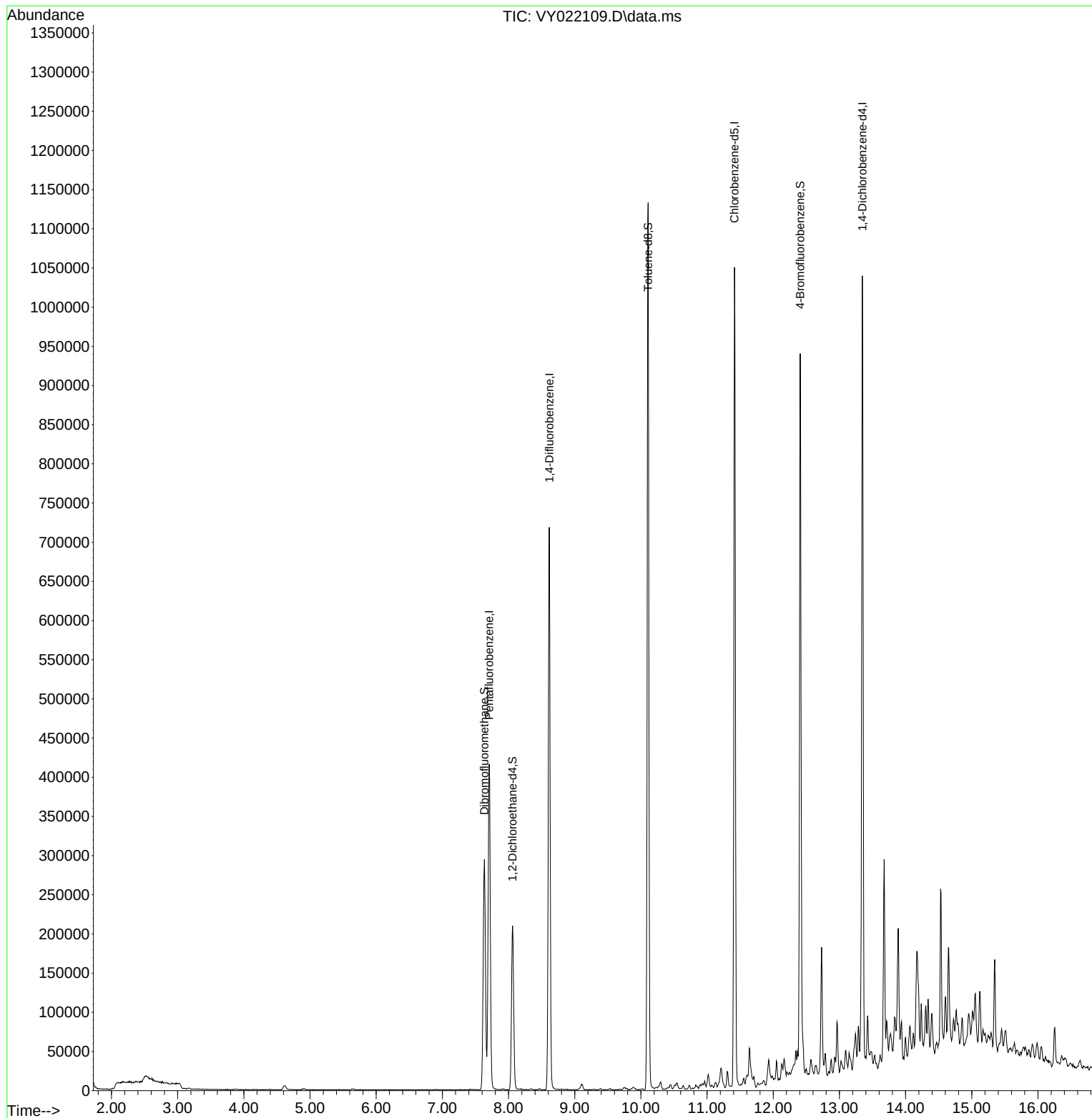
Target Compounds	Qvalue

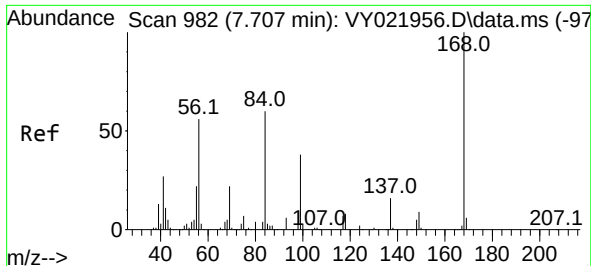
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

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

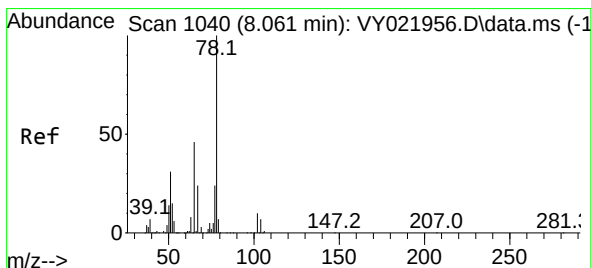
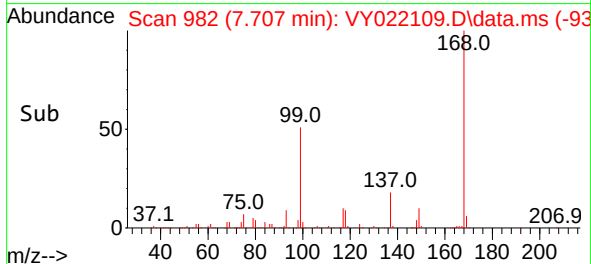
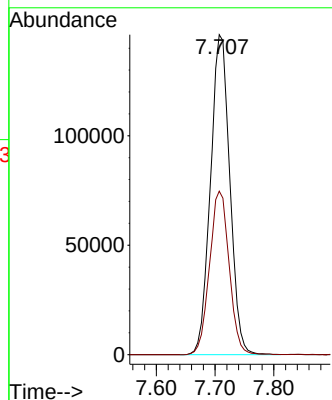
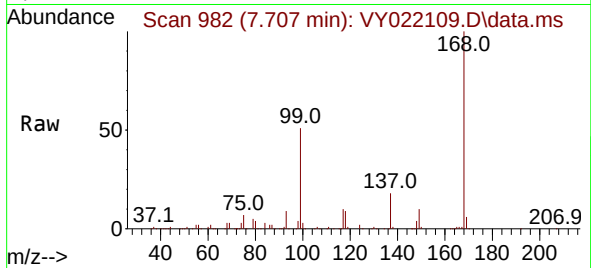




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022109.D
Acq: 01 May 2025 16:04

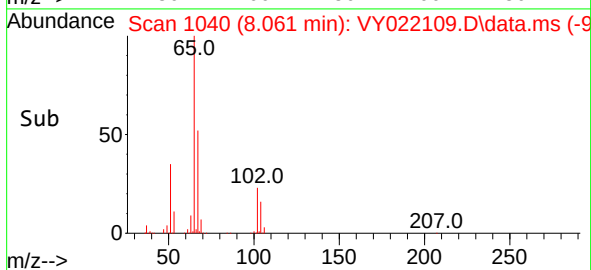
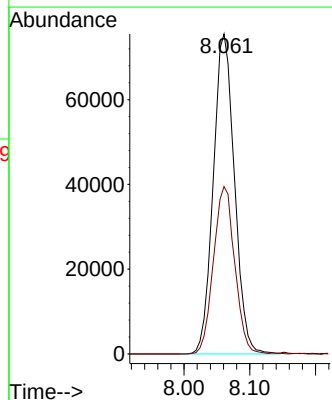
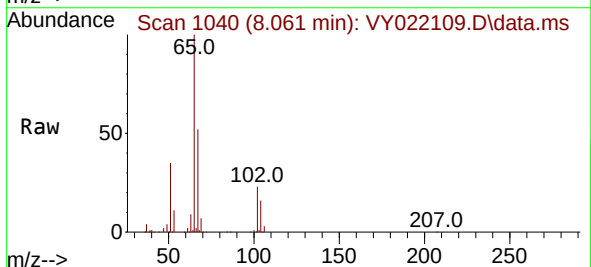
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

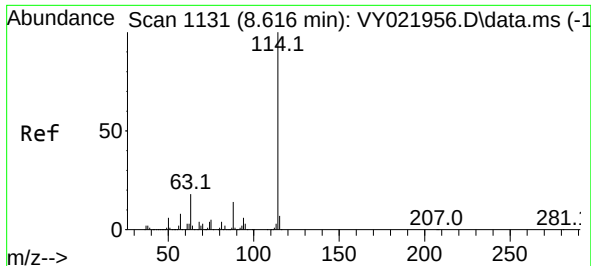
Tgt Ion:168 Resp: 334804
Ion Ratio Lower Upper
168 100
99 51.1 43.1 64.7



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

Tgt Ion: 65 Resp: 169383
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8

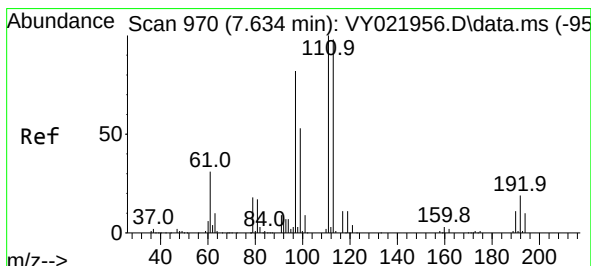
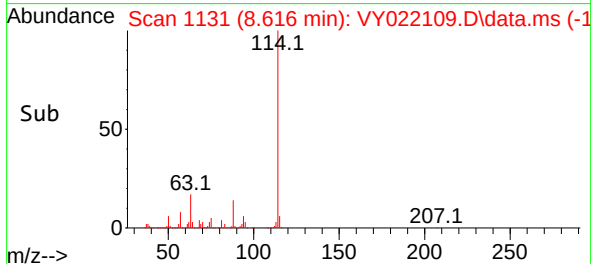
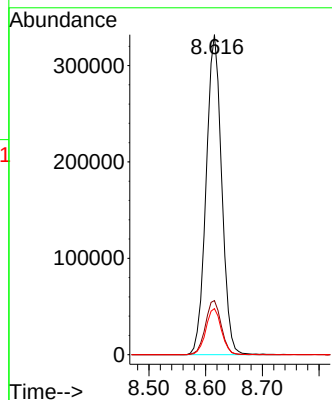
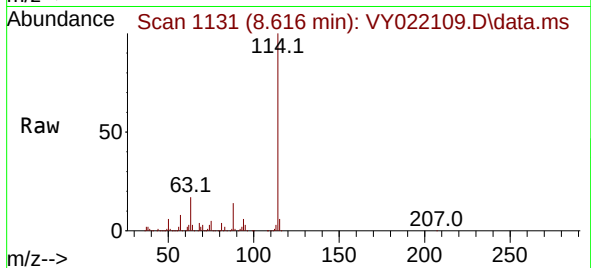




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022109.D
Acq: 01 May 2025 16:04

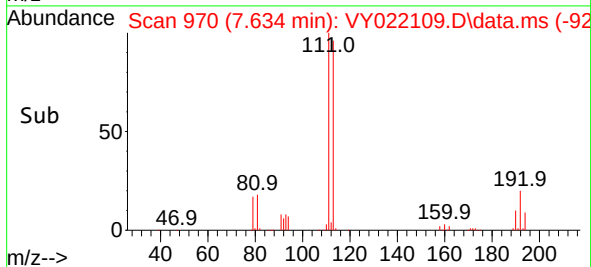
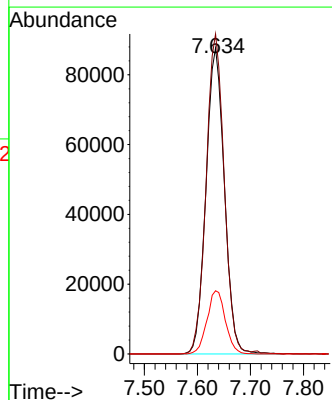
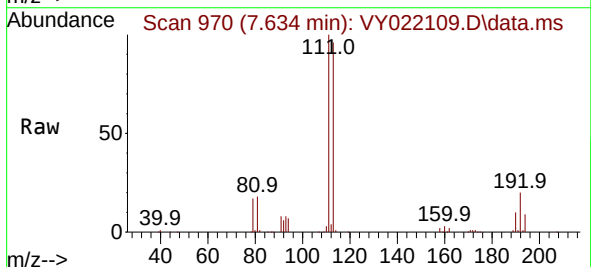
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

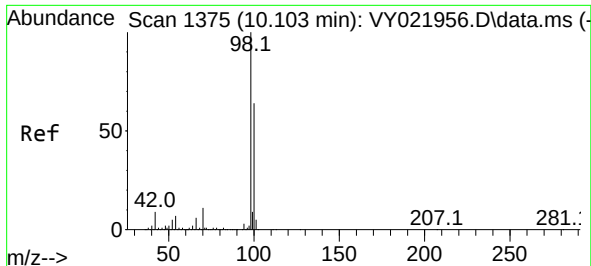
Tgt Ion:114 Resp: 631024
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.4
88 14.4 0.0 28.2



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

Tgt Ion:113 Resp: 210852
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 20.7 15.6 23.4

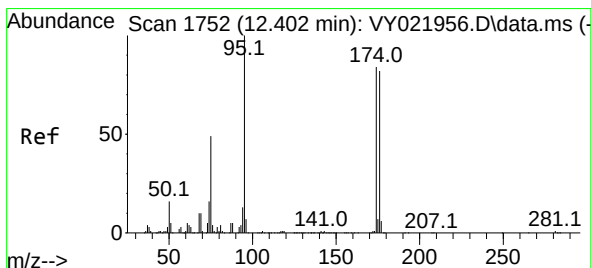
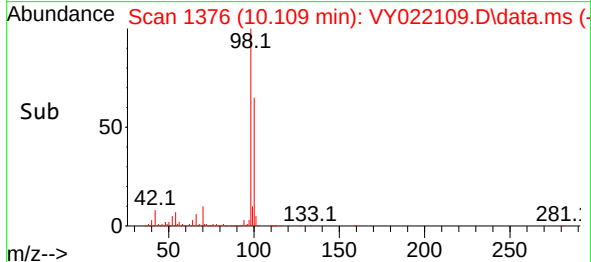
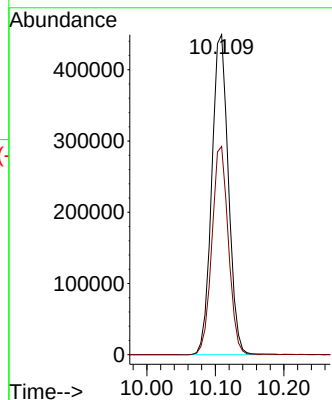
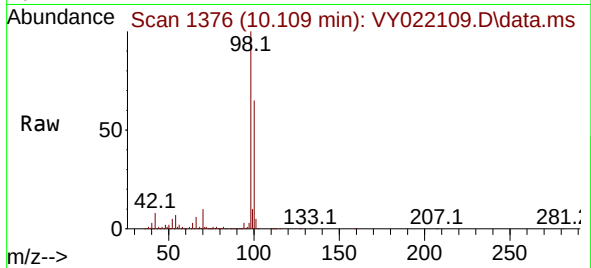




#50
Toluene-d8
Concen: 48.288 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022109.D
Acq: 01 May 2025 16:04

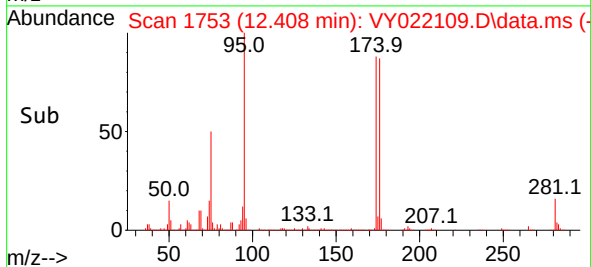
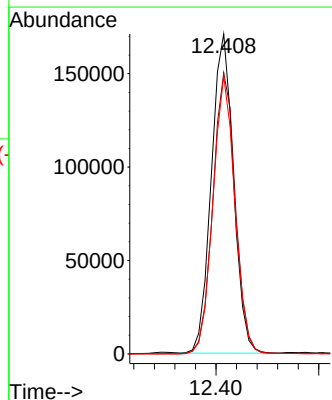
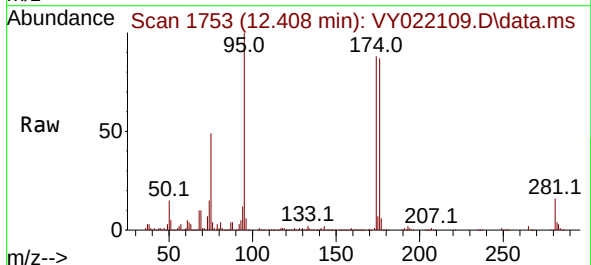
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

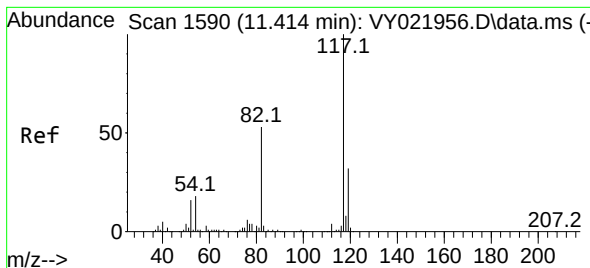
Tgt Ion: 98 Resp: 758927
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



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

Tgt Ion: 95 Resp: 254119
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.0
176 86.6 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022109.D

Acq: 01 May 2025 16:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-2

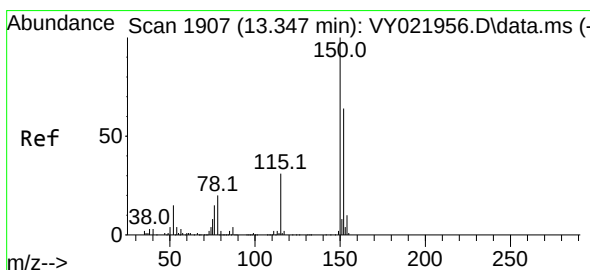
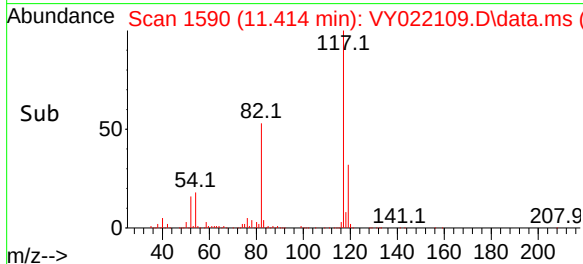
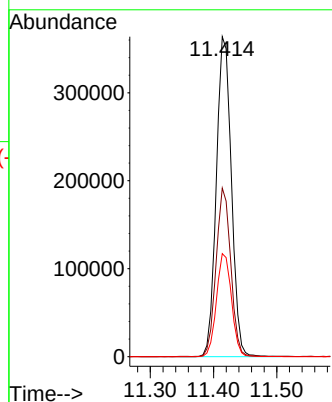
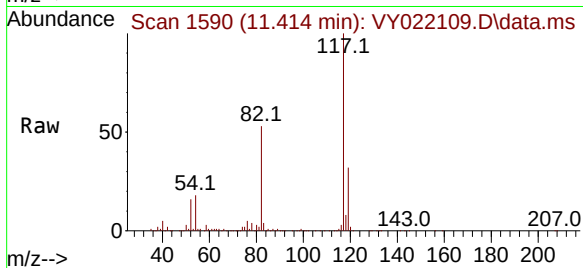
Tgt Ion:117 Resp: 599039

Ion Ratio Lower Upper

117 100

82 52.6 42.1 63.1

119 32.2 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022109.D

Acq: 01 May 2025 16:04

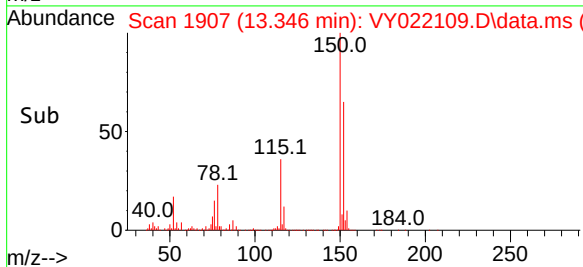
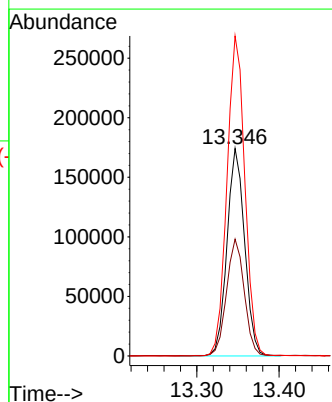
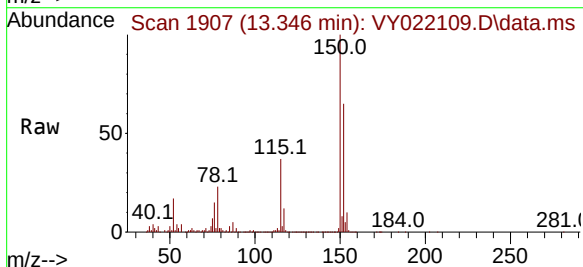
Tgt Ion:152 Resp: 258914

Ion Ratio Lower Upper

152 100

115 56.7 28.0 84.0

150 156.7 0.0 345.6



Report of Analysis

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

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

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

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-3

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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	334416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	623746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	568605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	236192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156810	50.765	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.540%
35) Dibromofluoromethane	7.634	113	204713	49.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.360%
50) Toluene-d8	10.109	98	745626	47.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.408	95	235383	45.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.020%

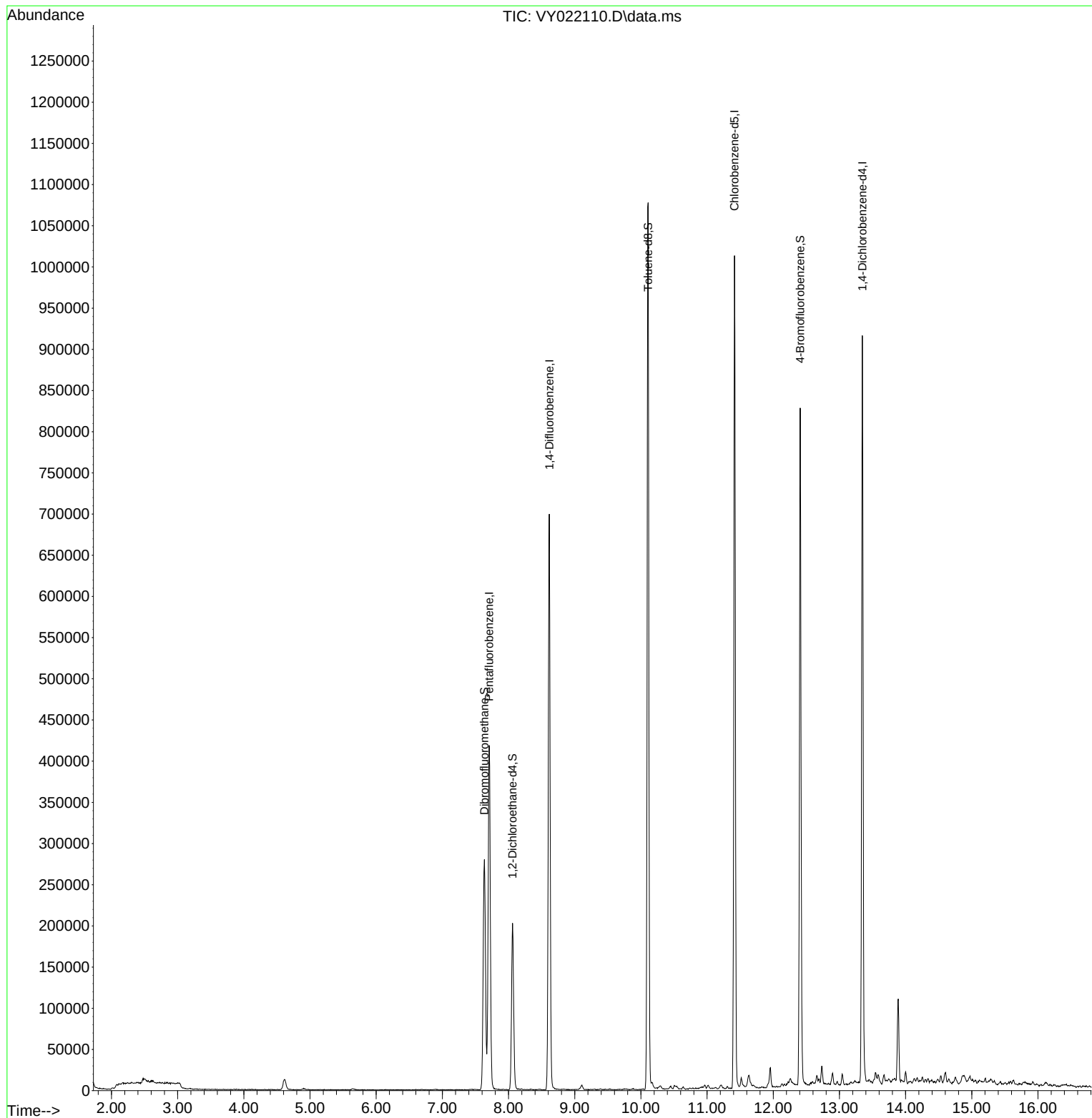
Target Compounds	Qvalue

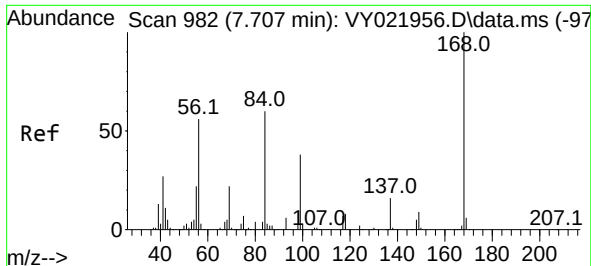
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_Y
ClientSampleId :
SS-3

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

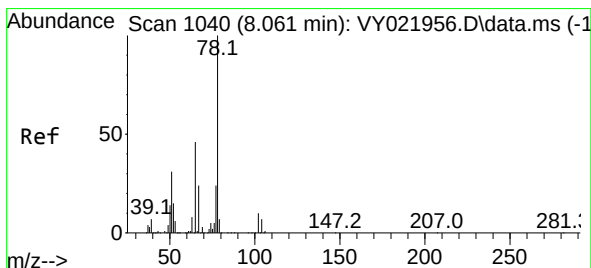
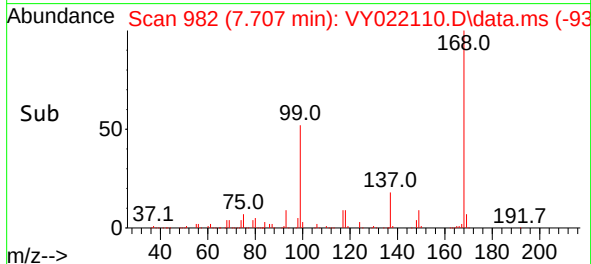
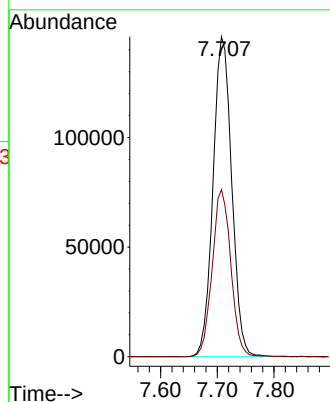
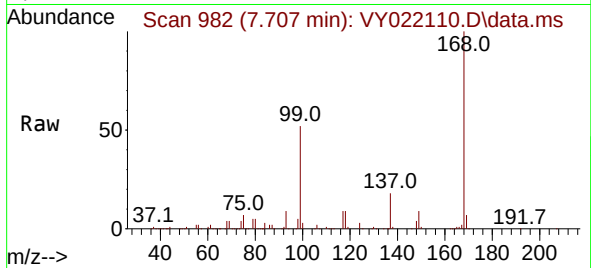




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022110.D
Acq: 01 May 2025 16:27

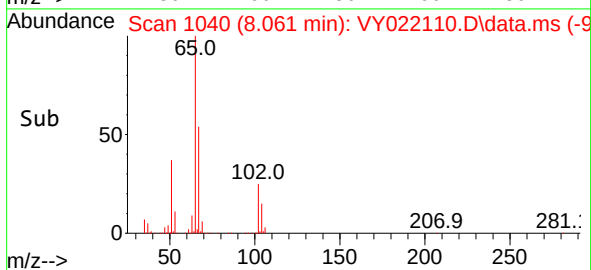
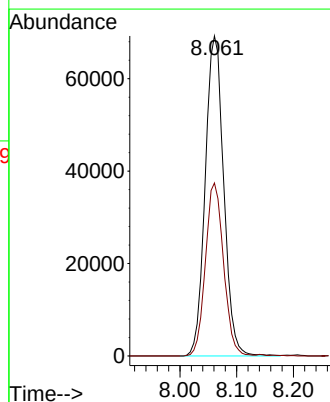
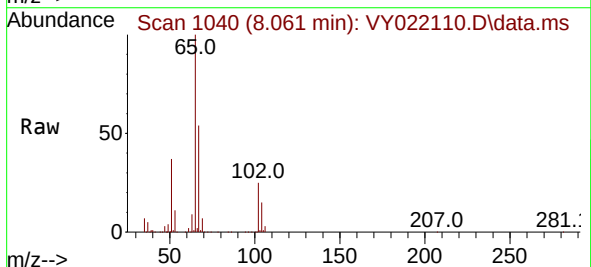
Instrument :
MSVOA_Y
ClientSampleId :
SS-3

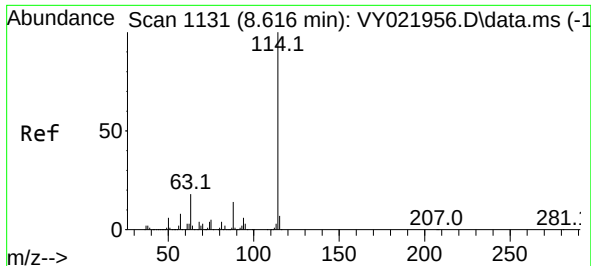
Tgt Ion:168 Resp: 334416
Ion Ratio Lower Upper
168 100
99 52.2 43.1 64.7



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

Tgt Ion: 65 Resp: 156810
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022110.D

Acq: 01 May 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

SS-3

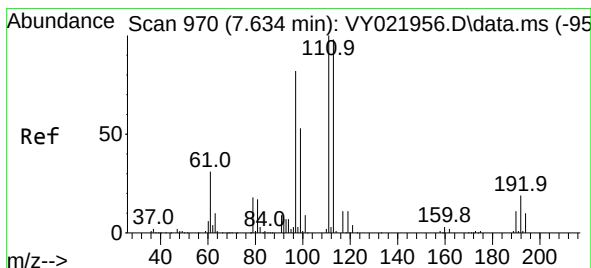
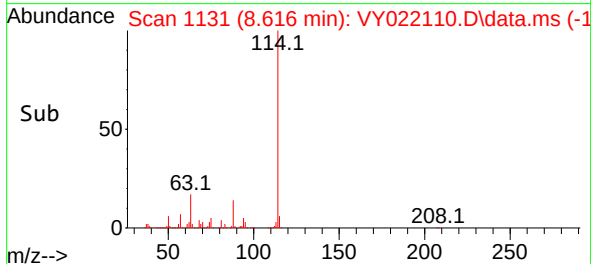
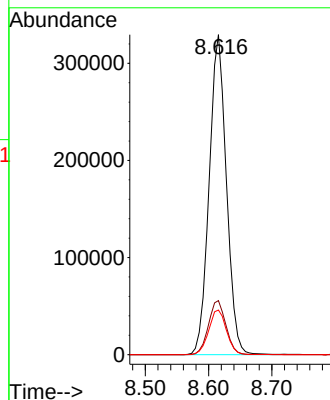
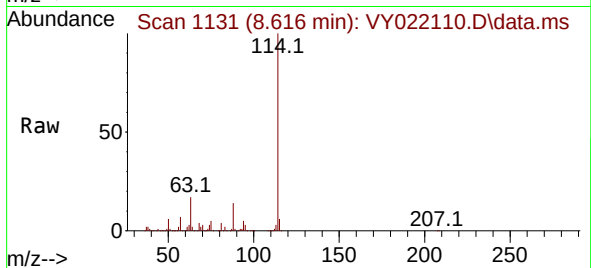
Tgt Ion:114 Resp: 623746

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.4

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 49.678 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022110.D

Acq: 01 May 2025 16:27

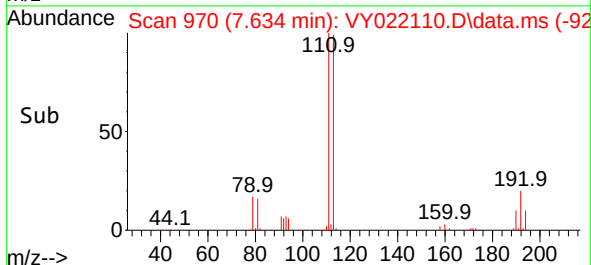
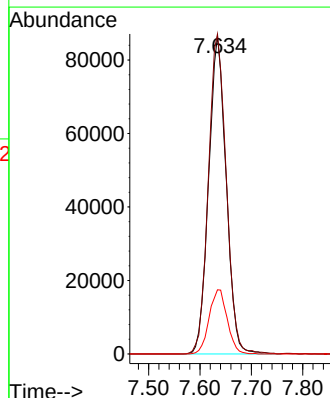
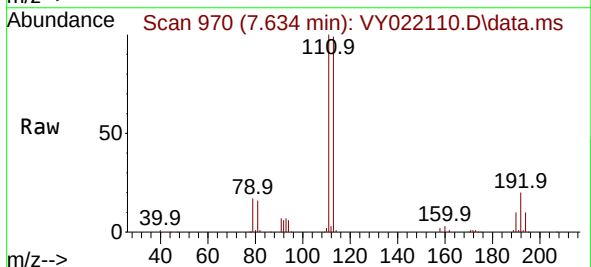
Tgt Ion:113 Resp: 204713

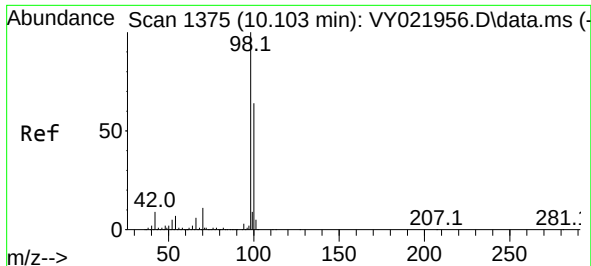
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 20.8 15.6 23.4

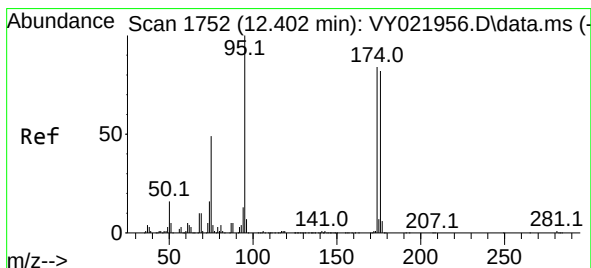
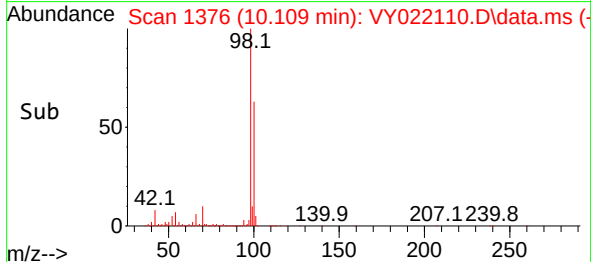
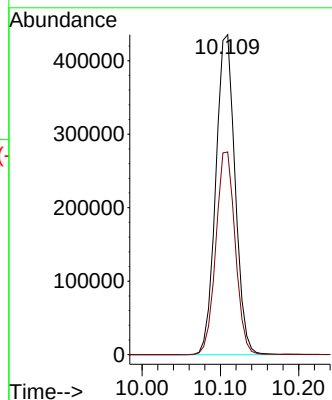
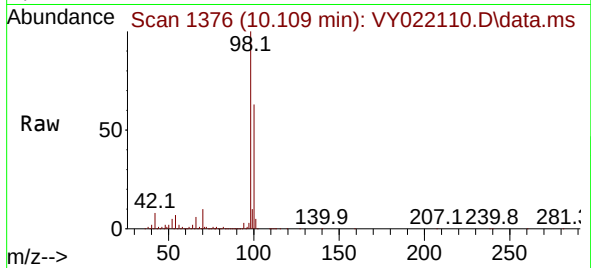




#50
Toluene-d8
Concen: 47.995 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022110.D
Acq: 01 May 2025 16:27

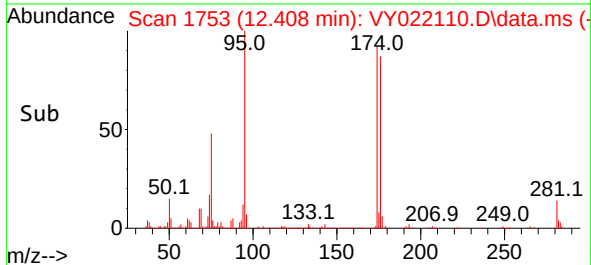
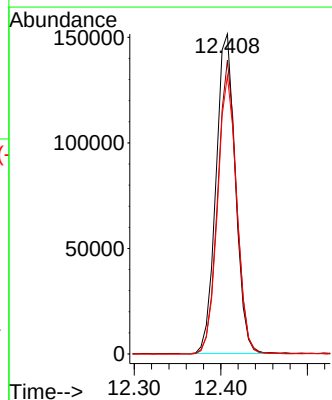
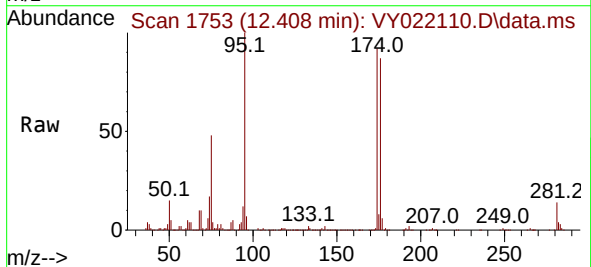
Instrument :
MSVOA_Y
ClientSampleId :
SS-3

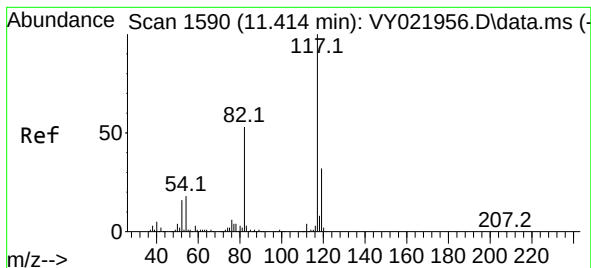
Tgt Ion: 98 Resp: 745626
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



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

Tgt Ion: 95 Resp: 235383
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.0
176 86.1 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022110.D

Acq: 01 May 2025 16:27

Instrument :

MSVOA_Y

ClientSampleId :

SS-3

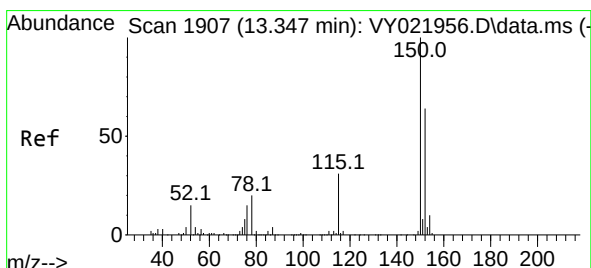
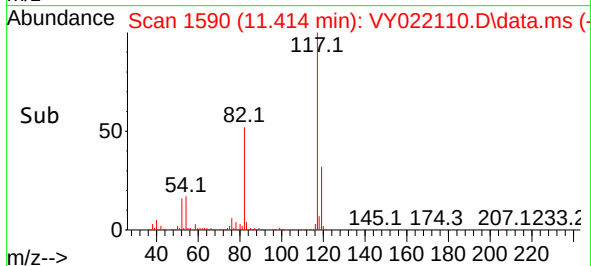
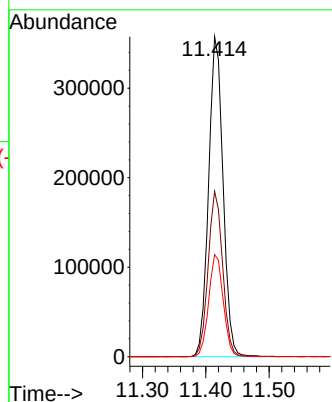
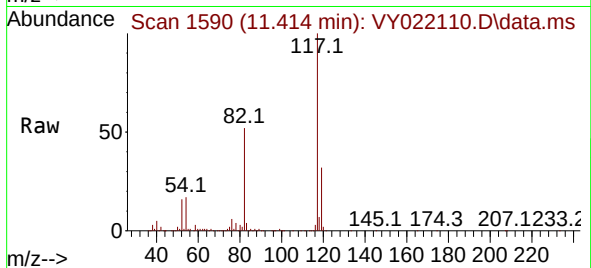
Tgt Ion:117 Resp: 568605

Ion Ratio Lower Upper

117 100

82 51.7 42.1 63.1

119 31.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022110.D

Acq: 01 May 2025 16:27

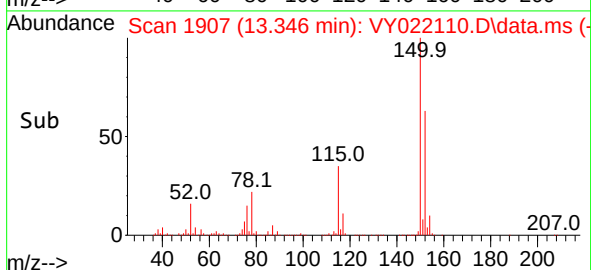
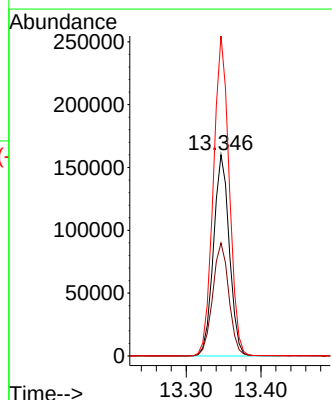
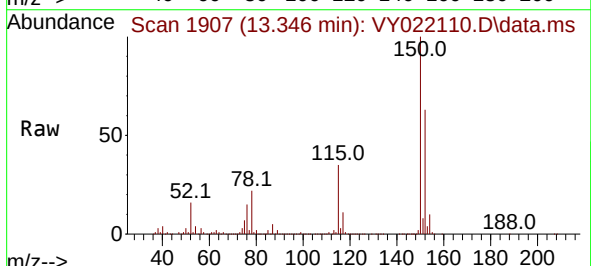
Tgt Ion:152 Resp: 236192

Ion Ratio Lower Upper

152 100

115 57.7 28.0 84.0

150 159.3 0.0 345.6



Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	0.65	U	0.65	4.10	ug/Kg
108-88-3	Toluene	0.64	U	0.64	4.10	ug/Kg
100-41-4	Ethyl Benzene	0.55	U	0.55	4.10	ug/Kg
1330-20-7	Total Xylenes	1.67	U	1.67	12.3	ug/Kg
98-82-8	Isopropylbenzene	0.64	U	0.64	4.10	ug/Kg
103-65-1	n-propylbenzene	0.60	U	0.60	4.10	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.67	U	0.67	4.10	ug/Kg
98-06-6	tert-Butylbenzene	0.55	U	0.55	4.10	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.52	U	0.52	4.10	ug/Kg
135-98-8	sec-Butylbenzene	0.54	U	0.54	4.10	ug/Kg
99-87-6	p-Isopropyltoluene	0.51	U	0.51	4.10	ug/Kg
104-51-8	n-Butylbenzene	1.20	U	1.20	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		63 - 155	101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	47.2		74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.7		38 - 136	79%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	330000	7.707			
540-36-3	1,4-Difluorobenzene	612000	8.616			
3114-55-4	Chlorobenzene-d5	536000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	200000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						
Total VOC TICs	Total VOC TICs	0	U		0	ug/Kg
75-09-2	Methylene Chloride	3.40	J		4.62	ug/Kg

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-4

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

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

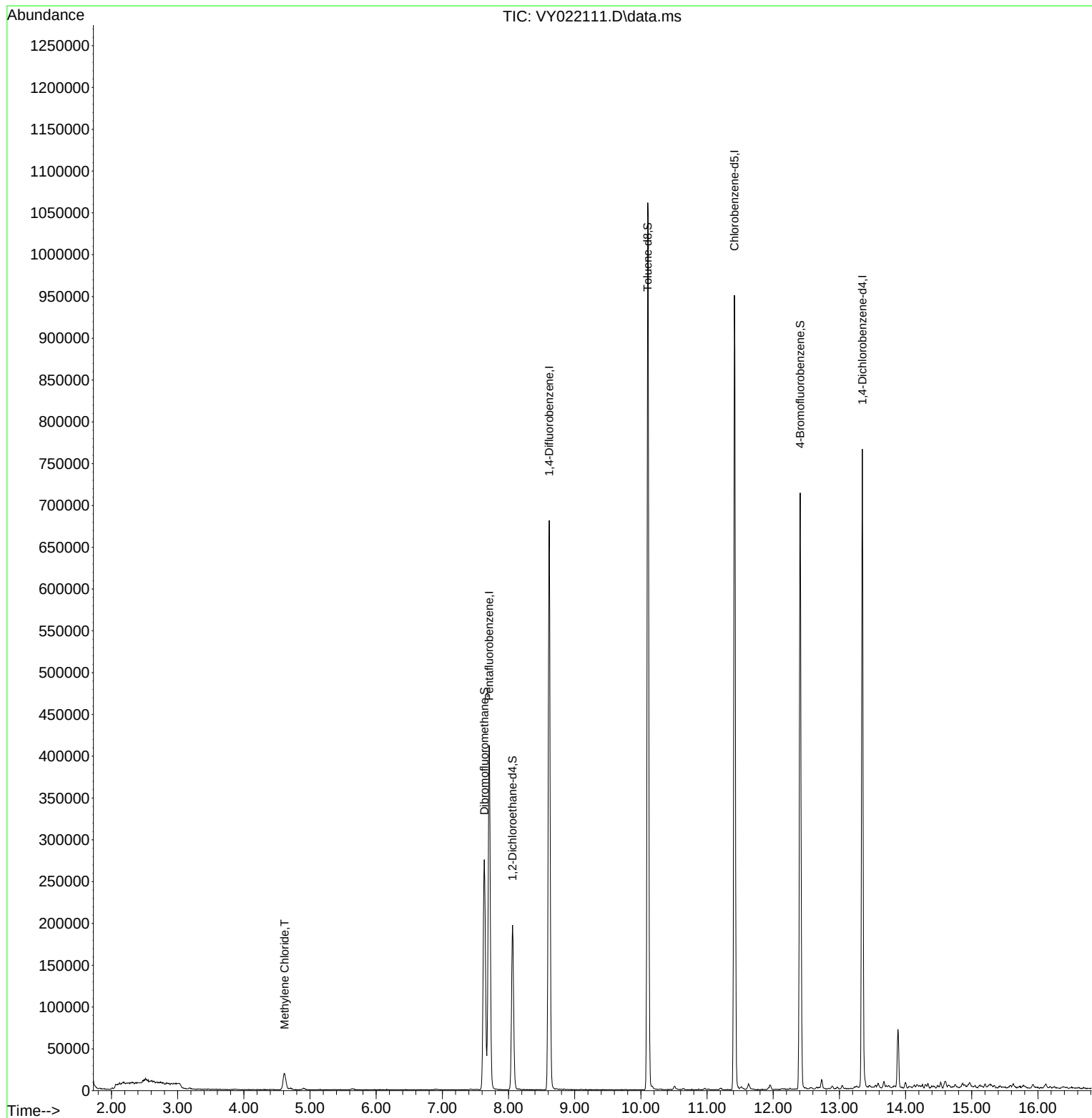
Internal Standards						
1) Pentafluorobenzene	7.707	168	329699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	612320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	536248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	199649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4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

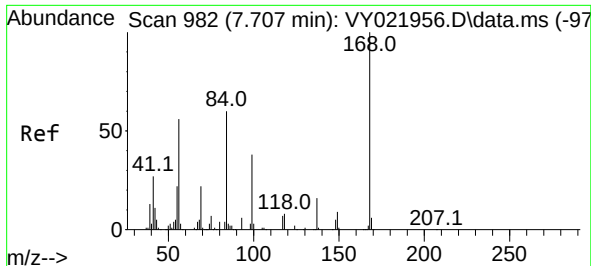
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_Y
ClientSampleId :
SS-4

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

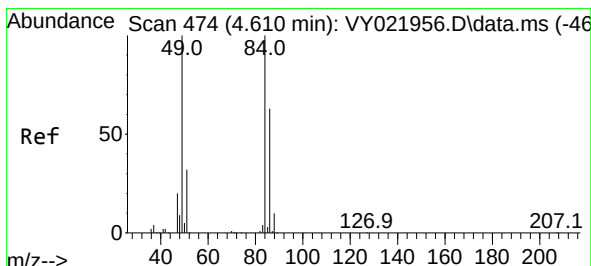
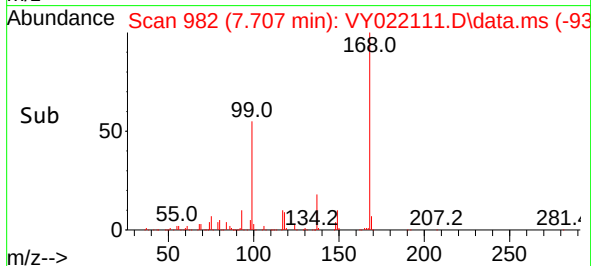
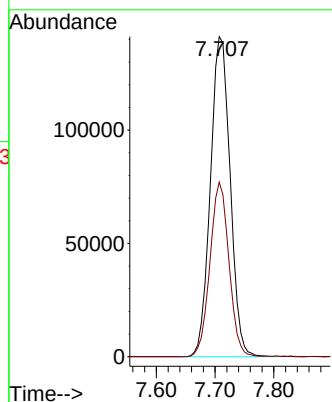
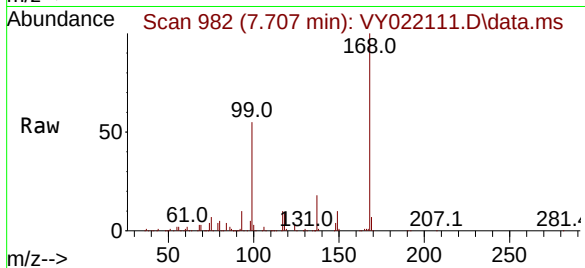




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

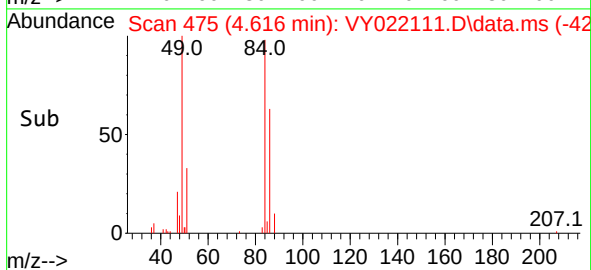
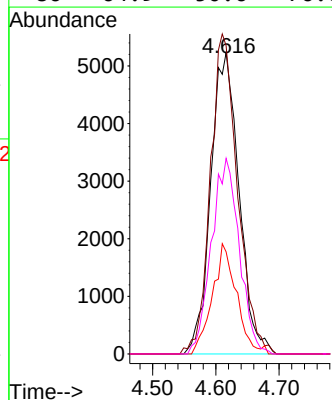
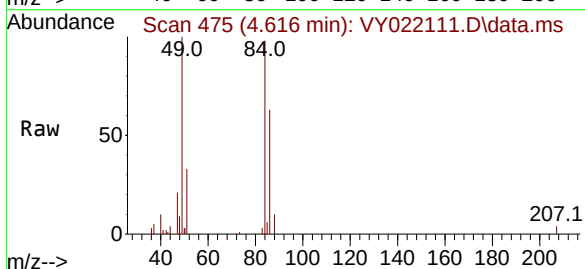
Instrument :
MSVOA_Y
ClientSampleId :
SS-4

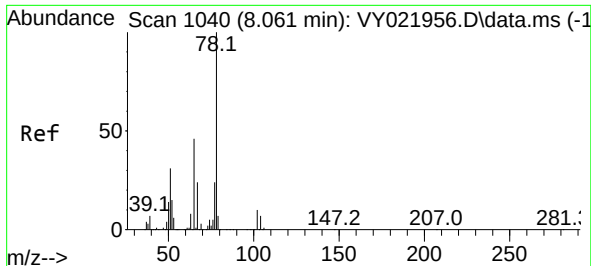
Tgt Ion:168 Resp: 329699
Ion Ratio Lower Upper
168 100
99 54.6 43.1 64.7



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

Tgt Ion: 84 Resp: 16237
Ion Ratio Lower Upper
84 100
49 102.3 79.9 119.9
51 33.9 25.4 38.0
86 64.9 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 50.698 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022111.D

Acq: 01 May 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

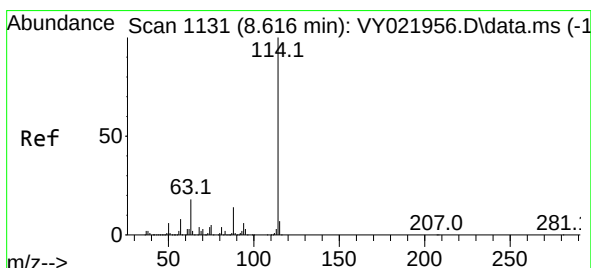
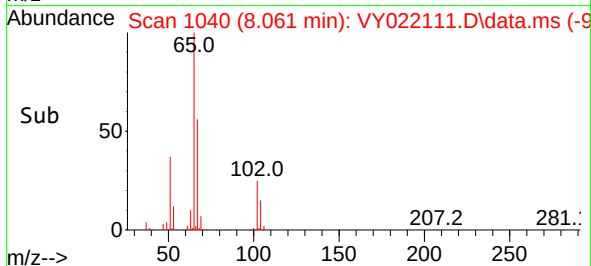
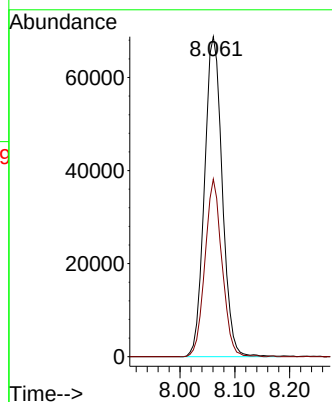
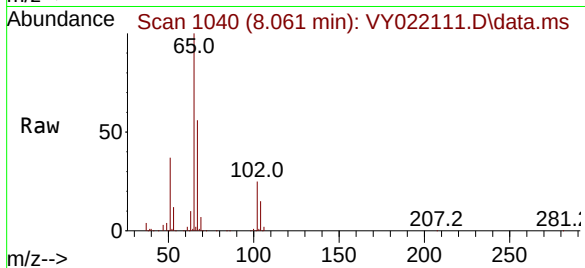
SS-4

Tgt Ion: 65 Resp: 154395

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022111.D

Acq: 01 May 2025 16:49

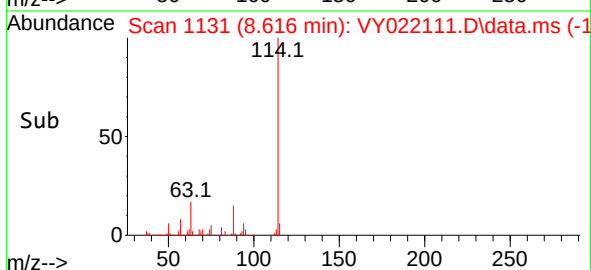
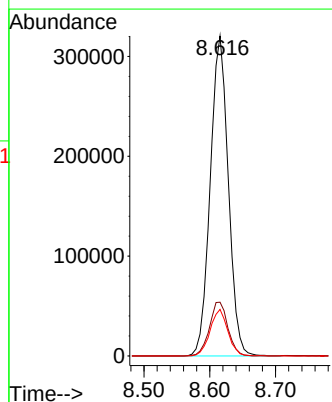
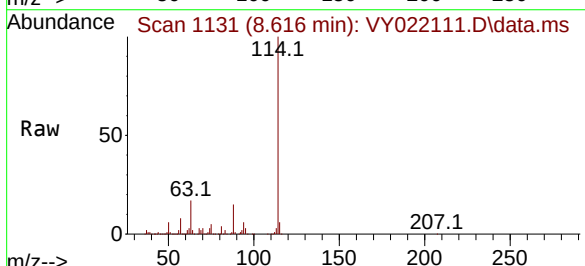
Tgt Ion: 114 Resp: 612320

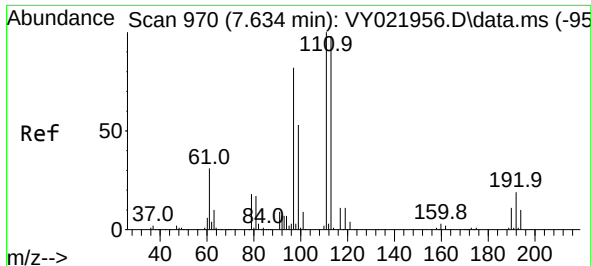
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.4

88 14.6 0.0 28.2

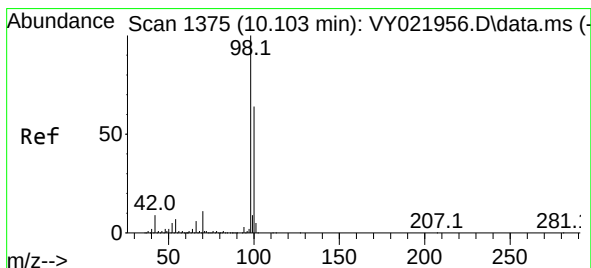
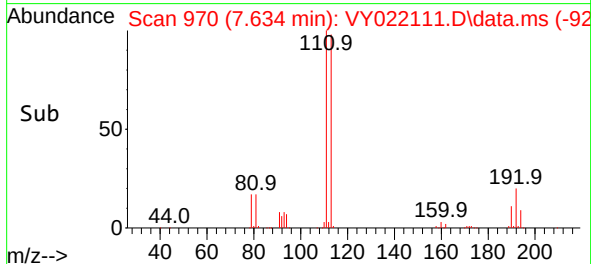
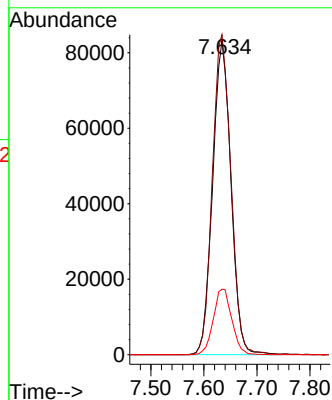
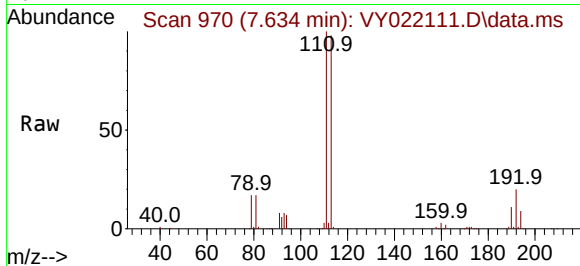




#35
Dibromofluoromethane
Concen: 49.350 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

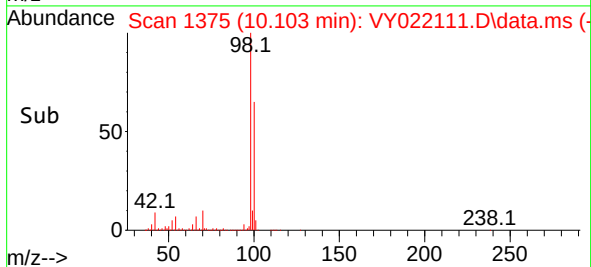
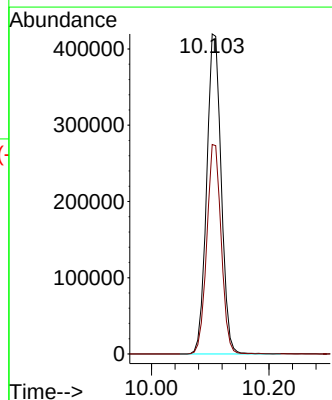
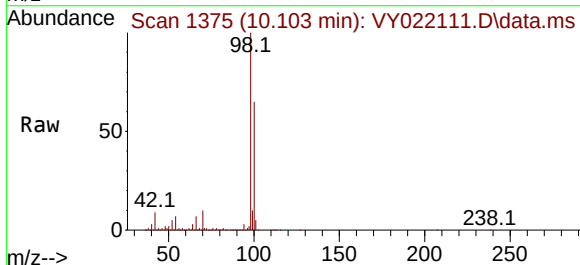
Instrument :
MSVOA_Y
ClientSampleId :
SS-4

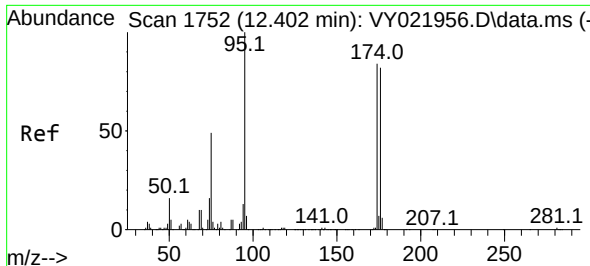
Tgt Ion:113 Resp: 199636
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 21.1 15.6 23.4



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

Tgt Ion: 98 Resp: 719805
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4

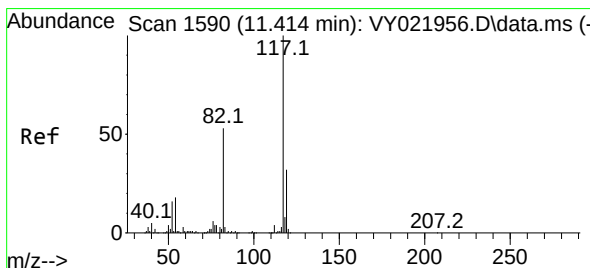
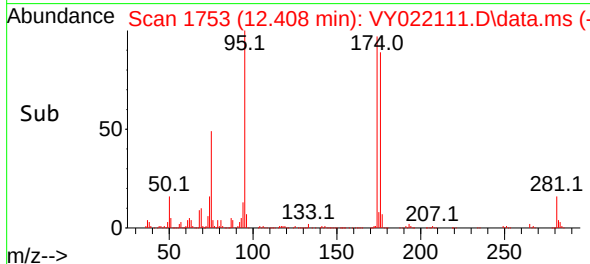
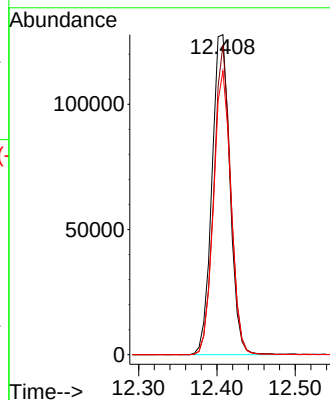
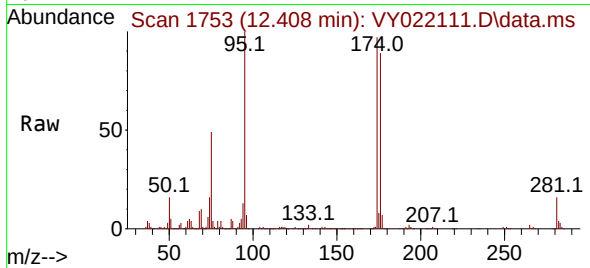




#62
4-Bromofluorobenzene
Concen: 39.675 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

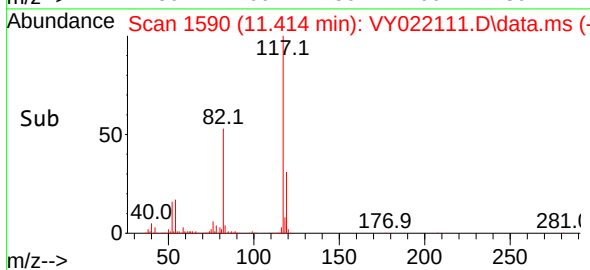
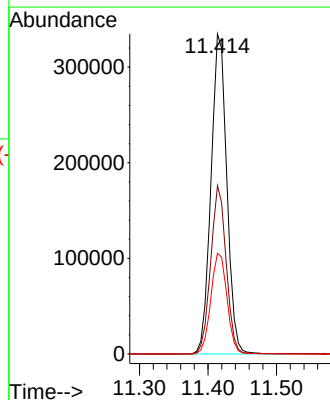
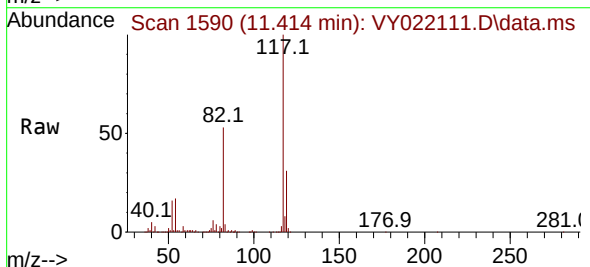
Instrument :
MSVOA_Y
ClientSampleId :
SS-4

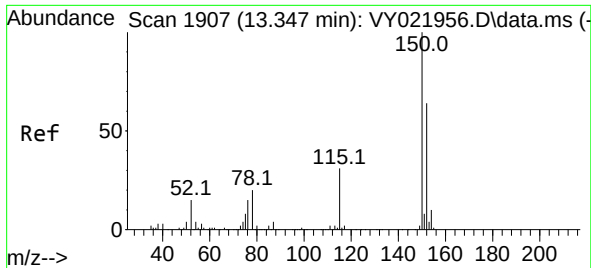
Tgt Ion: 95 Resp: 203694
Ion Ratio Lower Upper
95 100
174 91.0 0.0 179.0
176 86.3 0.0 171.8



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

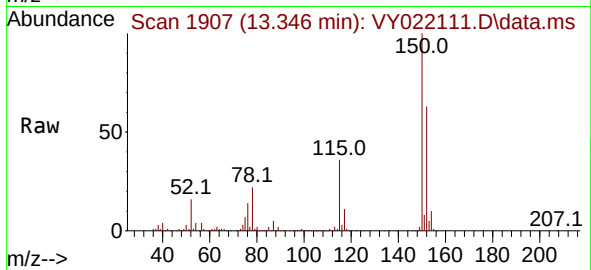
Tgt Ion: 117 Resp: 536248
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 31.5 25.7 38.5



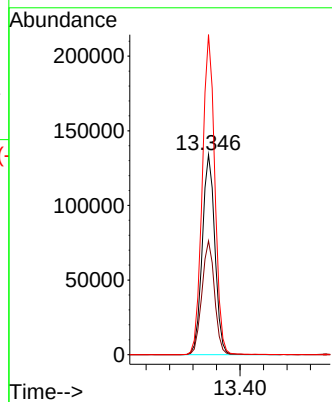
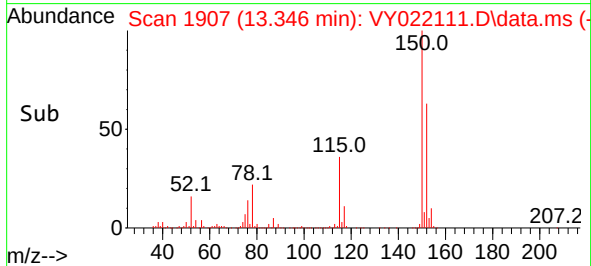


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022111.D
 Acq: 01 May 2025 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-4



Tgt Ion:152 Resp: 199649
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.0 84.0
 150 158.7 0.0 345.6



Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	21.6		0.57	3.60	ug/Kg
108-88-3	Toluene	110	E	0.56	3.60	ug/Kg
100-41-4	Ethyl Benzene	350	E	0.48	3.60	ug/Kg
1330-20-7	Total Xylenes	1980	E	1.48	10.8	ug/Kg
98-82-8	Isopropylbenzene	85.4		0.56	3.60	ug/Kg
103-65-1	n-propylbenzene	210	E	0.53	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	390	E	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	0.48	U	0.48	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	970	E	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	64.7		0.47	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	44.4		0.45	3.60	ug/Kg
104-51-8	n-Butylbenzene	85.8		1.00	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.8		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	58.2		74 - 123	116%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.5		38 - 136	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	349000	7.707			
540-36-3	1,4-Difluorobenzene	593000	8.616			
3114-55-4	Chlorobenzene-d5	525000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	237000	13.353			
TENTATIVE IDENTIFIED COMPOUNDS						
000111-65-9	Octane	270	J		10.3	ug/Kg
001678-91-7	Cyclohexane, ethyl-	140	J		11.0	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	130	J		11.0	ug/Kg
002216-34-4	Octane, 4-methyl-	460	J		11.2	ug/Kg
002216-33-3	Octane, 3-methyl-	250	J		11.3	ug/Kg
004926-78-7	Cyclohexane, 1-ethyl-4-methyl-, ci	120	J		11.7	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	130	J		12.1	ug/Kg
003868-64-2	Pentalene, octahydro-2-methyl-	130	J		12.1	ug/Kg

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
001678-92-8	Cyclohexane, propyl-	180	J		12.2	ug/Kg
017301-94-9	Nonane, 4-methyl-	100	J		12.3	ug/Kg
67-64-1	Acetone	5.50	J		3.88	ug/Kg
75-09-2	Methylene Chloride	2.50	J		4.61	ug/Kg
110-82-7	Cyclohexane	80.4	J		7.70	ug/Kg
Total VOC TICs	Total VOC TICs	1910	J		115	ug/Kg
108-87-2	Methylcyclohexane	230	J		9.11	ug/Kg
179601-23-1	m/p-Xylenes	1300	J		11.6	ug/Kg
95-47-6	o-Xylene	680	J		12.0	ug/Kg
ABZT	Alkylbenzenes, Total	1900	J		12.6	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-5

Manual Integrations
 APPROVED

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

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

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

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

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

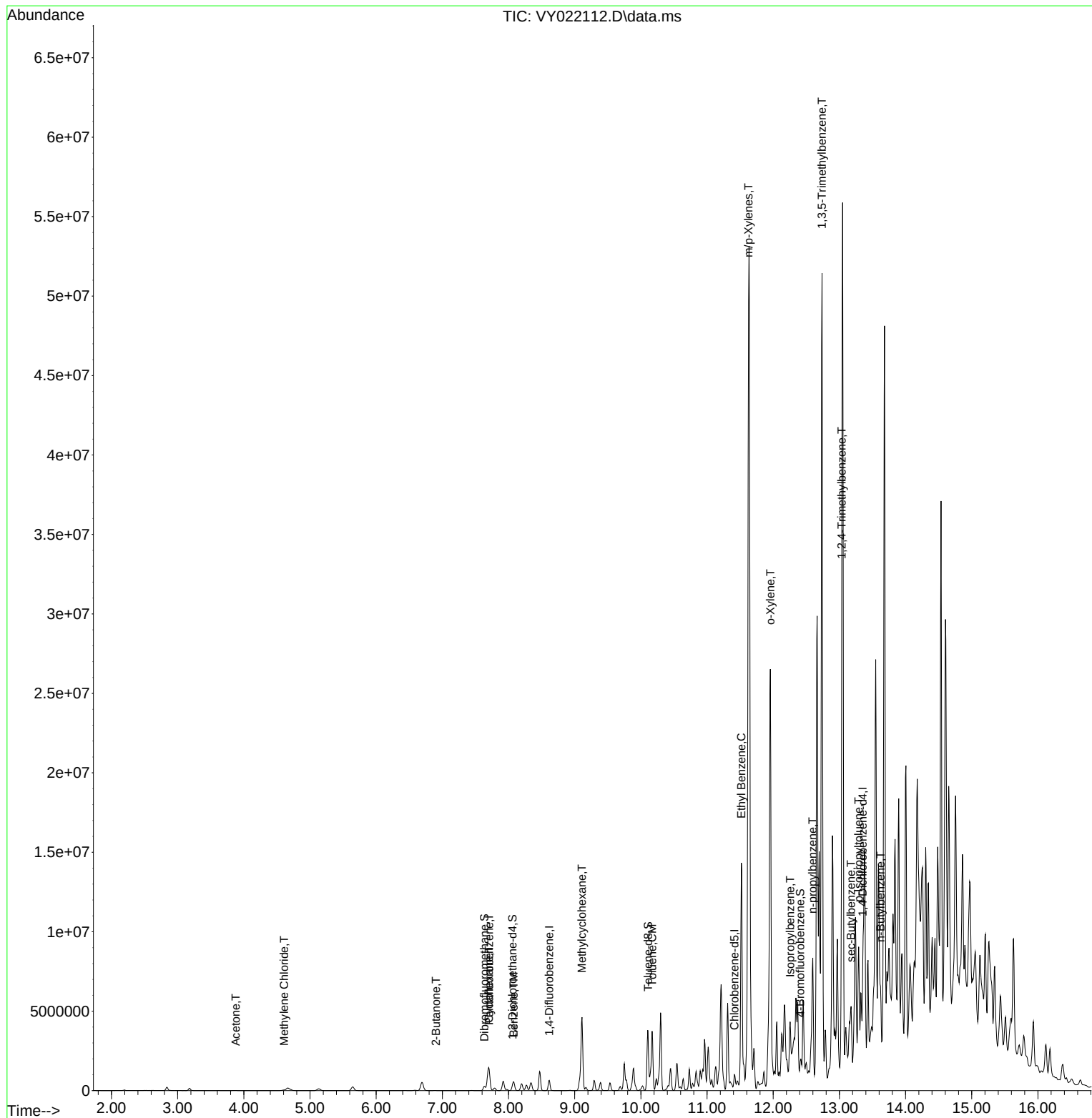
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022112.D
Acq On : 01 May 2025 17:16
Operator : SY/MD
Sample : Q1914-06
Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

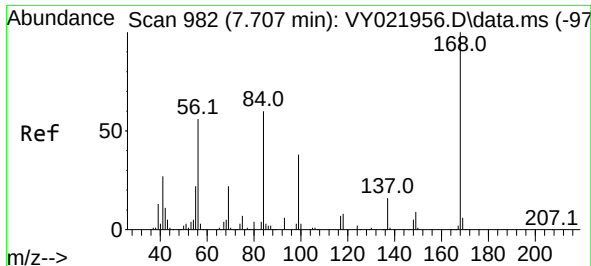
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

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

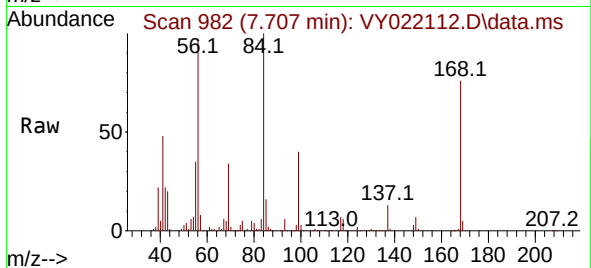
Quant Time: May 02 01:31:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

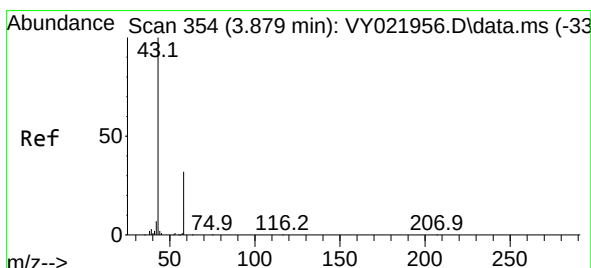
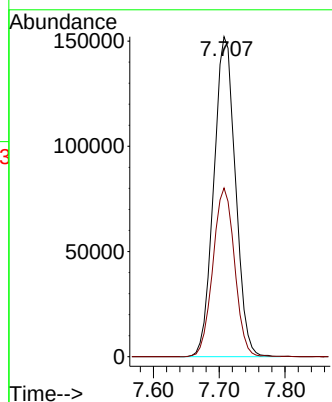
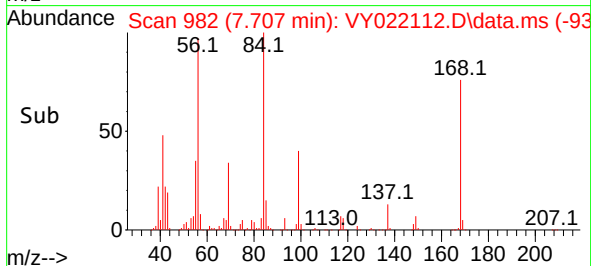
Instrument :
MSVOA_Y
ClientSampleId :
SS-5



Tgt Ion:168 Resp: 34870
Ion Ratio Lower Upper
168 100
99 52.7 43.1 64.7

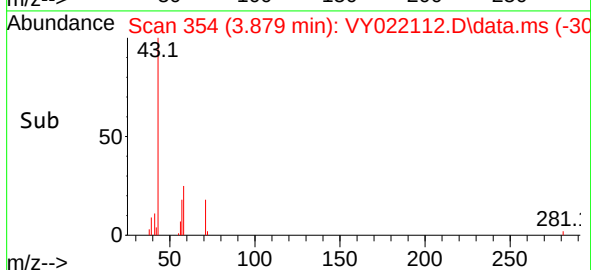
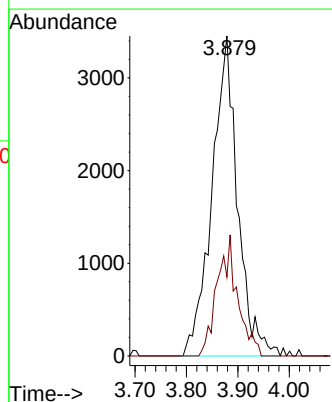
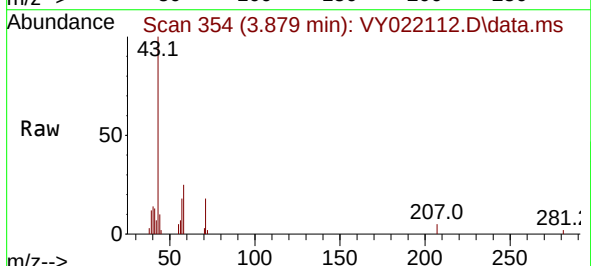
Manual Integrations
APPROVED

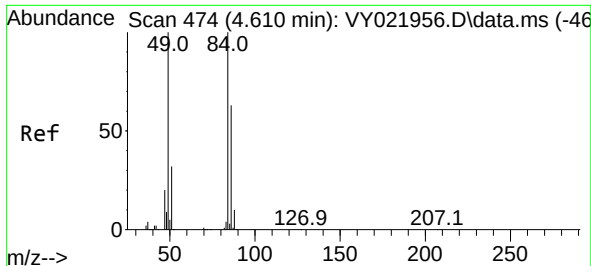
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

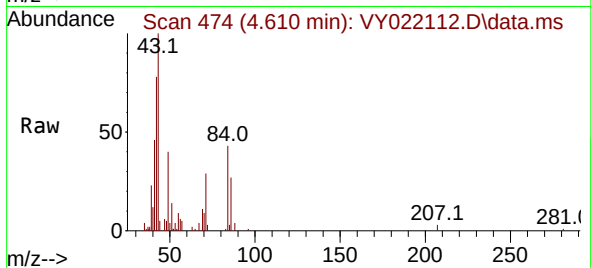
Tgt Ion: 43 Resp: 11966
Ion Ratio Lower Upper
43 100
58 24.7 27.0 40.4#





#20
Methylene Chloride
Concen: 3.529 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

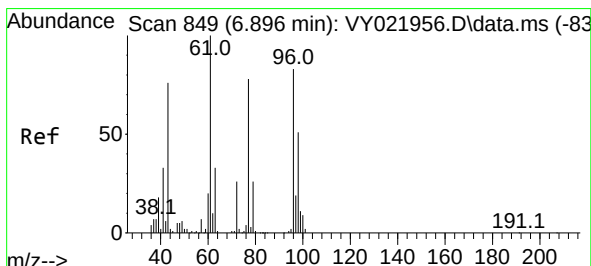
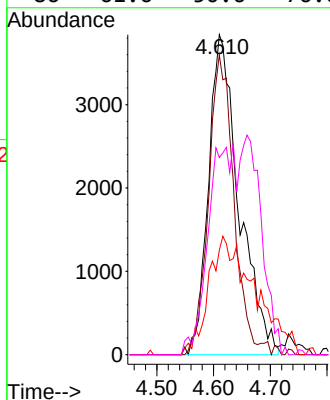
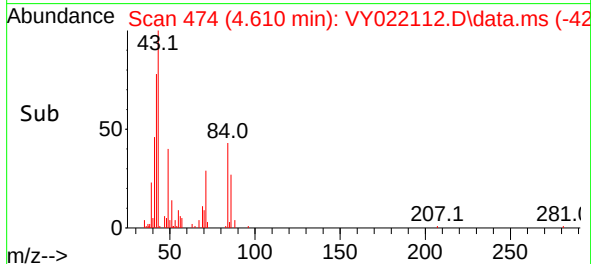
Instrument :
MSVOA_Y
ClientSampleId :
SS-5



Tgt Ion: 84 Resp: 1437
Ion Ratio Lower Upper
84 100
49 93.7 79.9 119.9
51 32.6 25.4 38.0
86 61.6 50.6 76.0

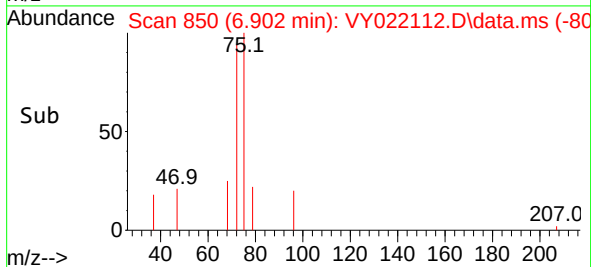
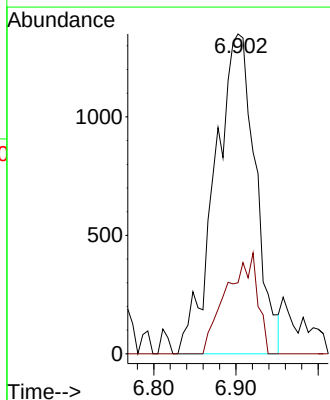
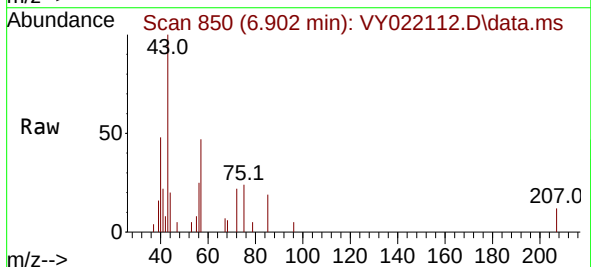
Manual Integrations
APPROVED

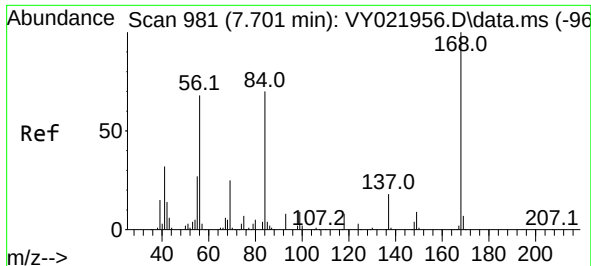
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

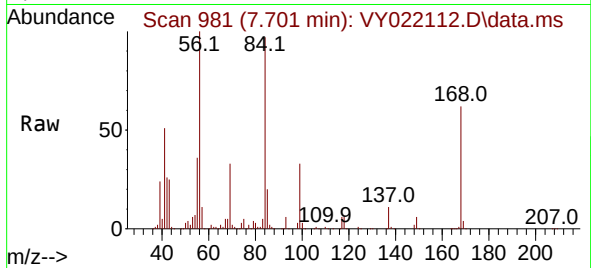
Tgt Ion: 43 Resp: 4613
Ion Ratio Lower Upper
43 100
72 22.2 27.0 40.4#





#31
Cyclohexane
Concen: 111.845 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

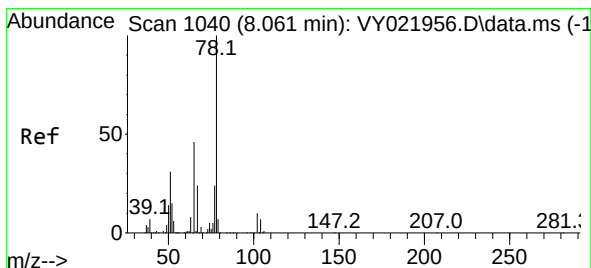
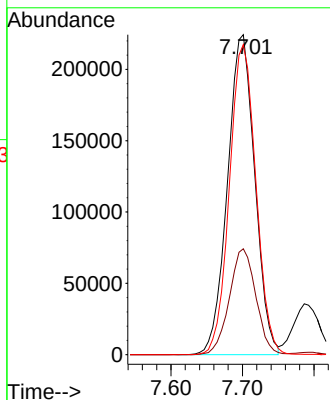
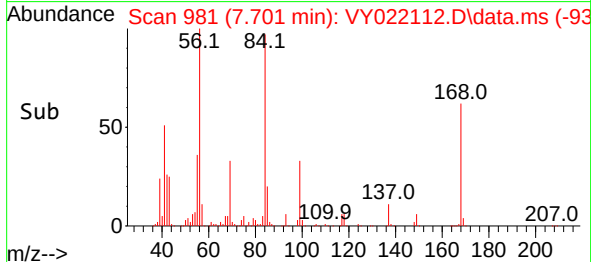
Instrument :
MSVOA_Y
ClientSampleId :
SS-5



Tgt Ion: 56 Resp: 59550
Ion Ratio Lower Upper
56 100
69 33.1 29.4 44.2
84 96.9 82.2 123.4

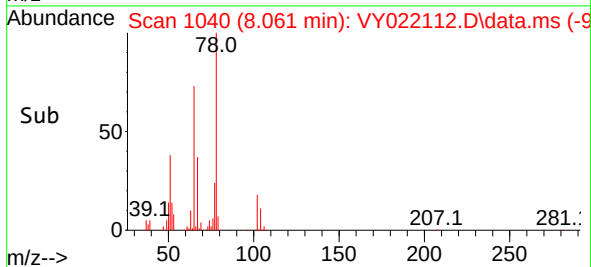
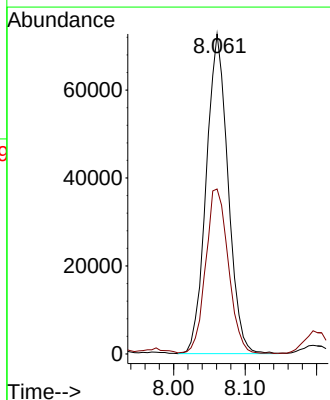
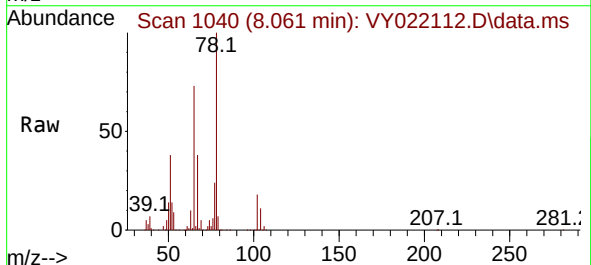
Manual Integrations
APPROVED

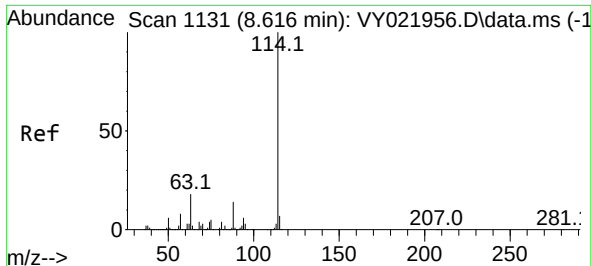
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

Tgt Ion: 65 Resp: 153858
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022112.D

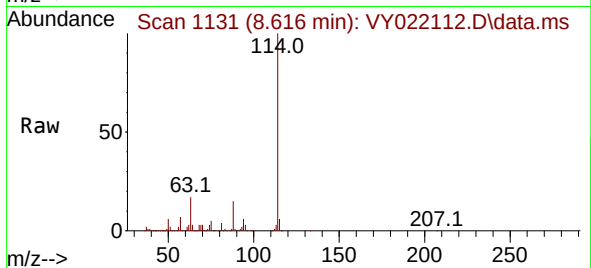
Acq: 01 May 2025 17:16

Instrument :

MSVOA_Y

ClientSampleId :

SS-5



Tgt Ion:114 Resp: 59317

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.4

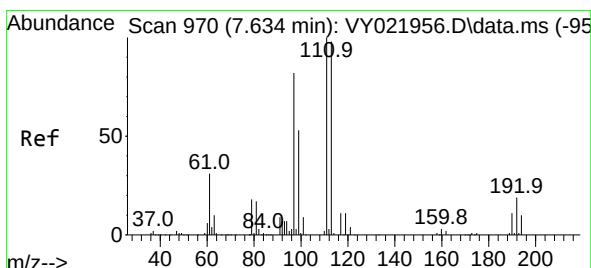
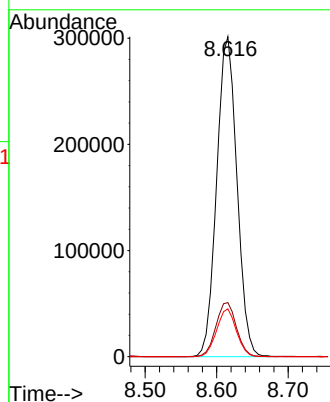
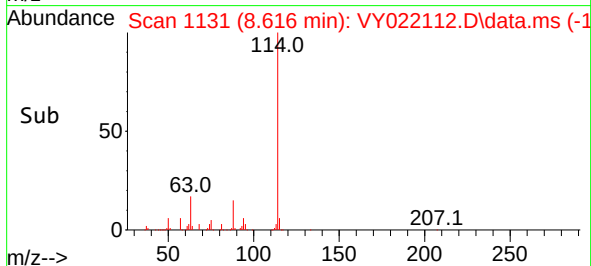
88 14.9 0.0 28.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#35

Dibromofluoromethane

Concen: 49.121 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

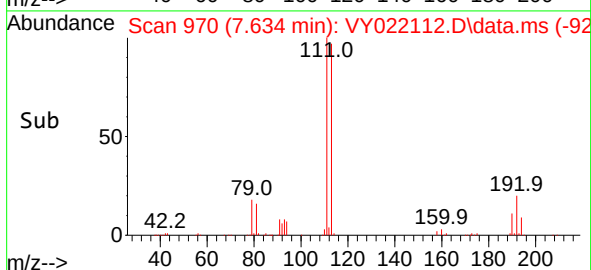
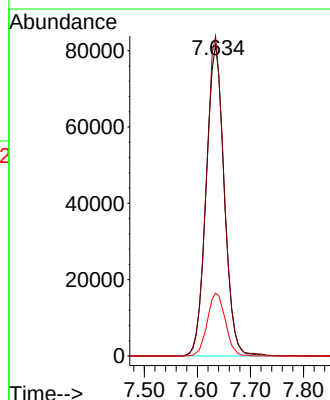
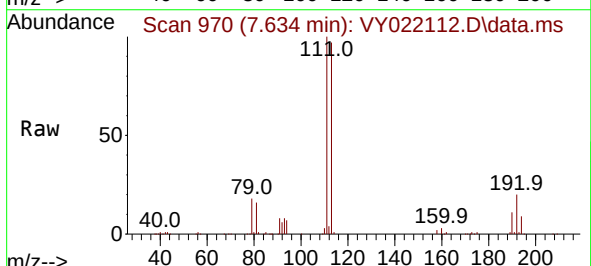
Tgt Ion:113 Resp: 192496

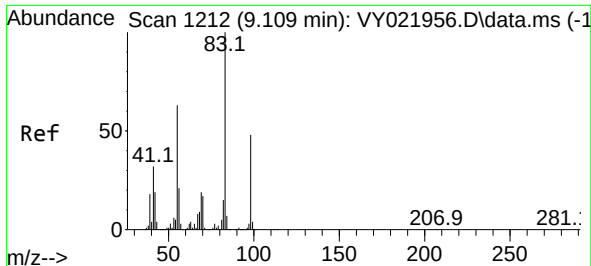
Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

192 20.2 15.6 23.4





#39

Methylcyclohexane

Concen: 318.585 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022112.D

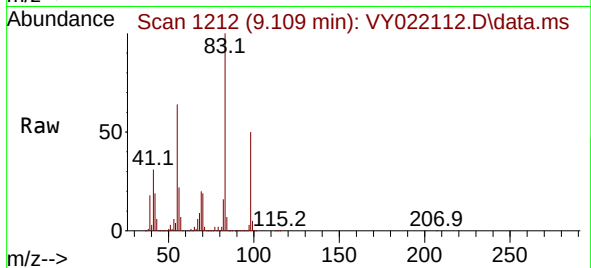
Acq: 01 May 2025 17:16

Instrument :

MSVOA_Y

ClientSampleId :

SS-5



Tgt Ion: 83 Resp: 211046

Ion Ratio Lower Upper

83 100

55 64.1 50.6 75.8

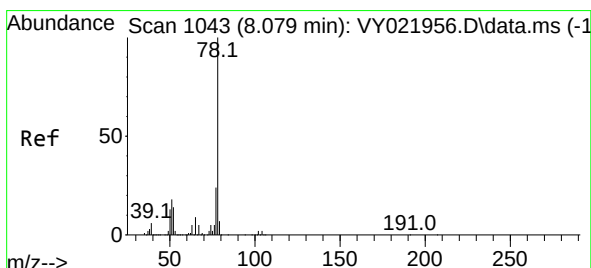
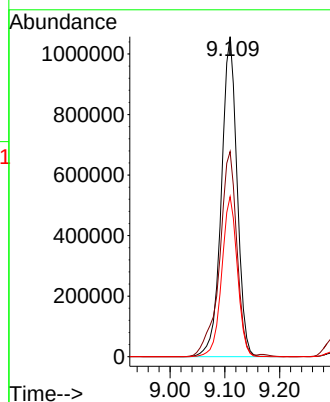
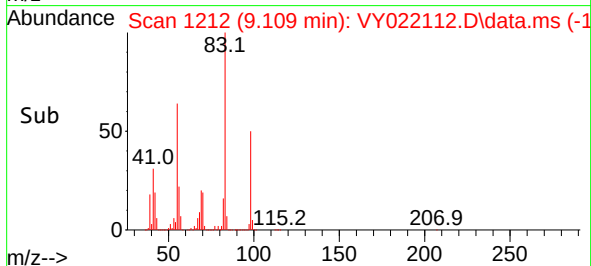
98 50.0 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#40

Benzene

Concen: 30.072 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022112.D

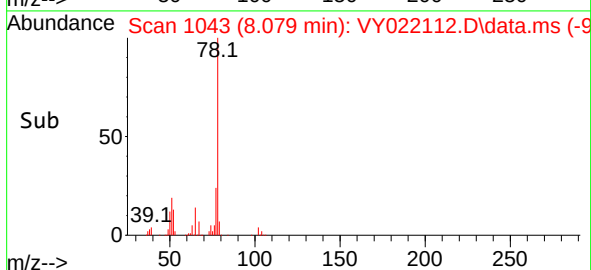
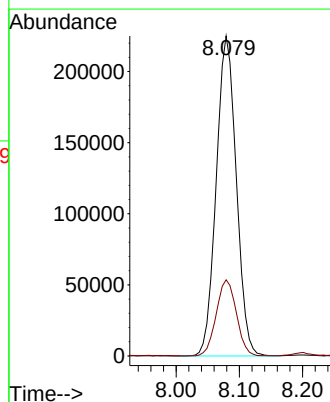
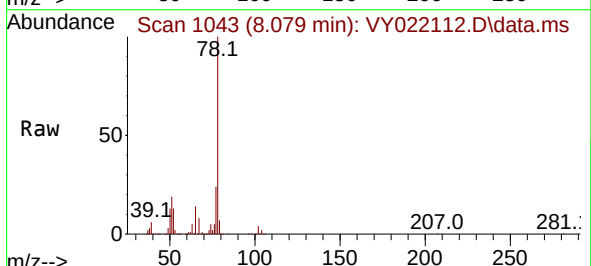
Acq: 01 May 2025 17:16

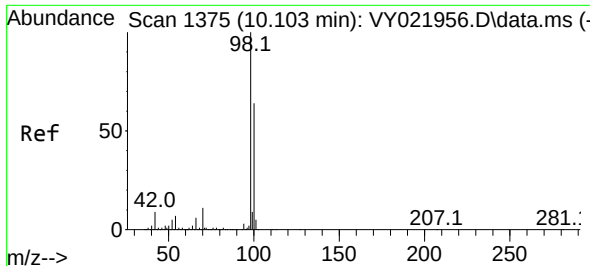
Tgt Ion: 78 Resp: 494837

Ion Ratio Lower Upper

78 100

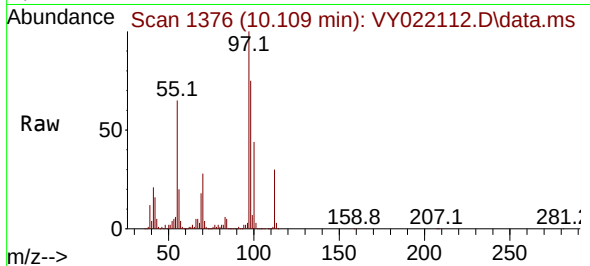
77 23.7 19.3 28.9





#50
Toluene-d8
Concen: 58.198 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

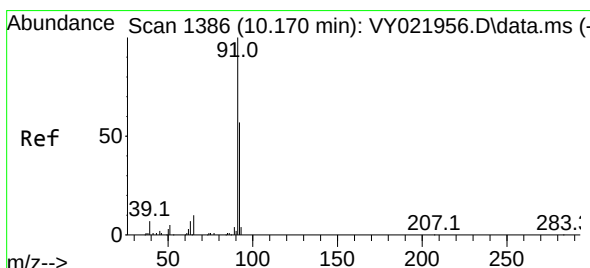
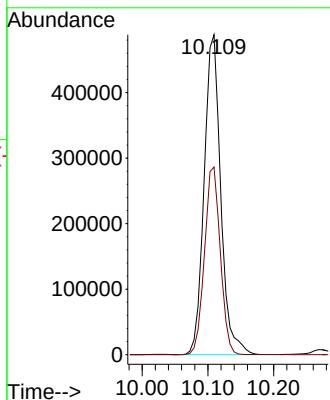
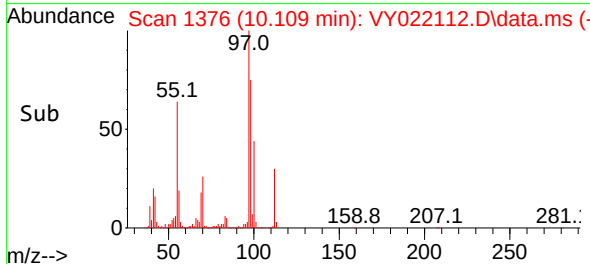
Instrument :
MSVOA_Y
ClientSampleId :
SS-5



Tgt Ion: 98 Resp: 859815
Ion Ratio Lower Upper
98 100
100 55.7 51.6 77.4

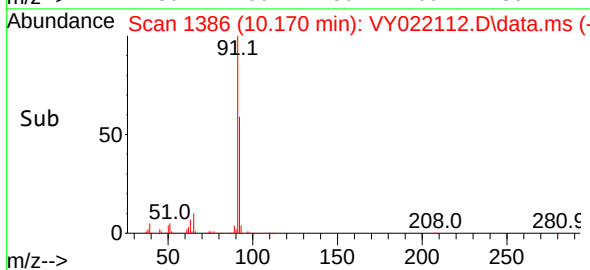
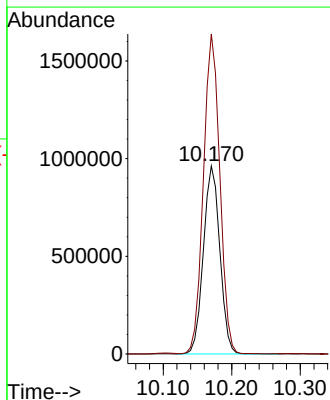
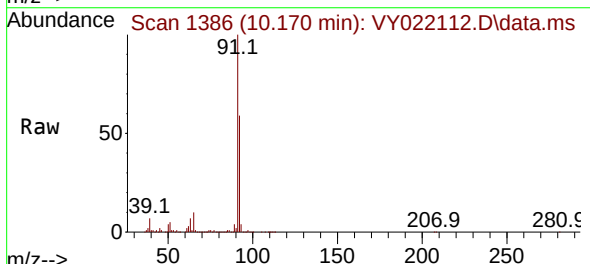
Manual Integrations
APPROVED

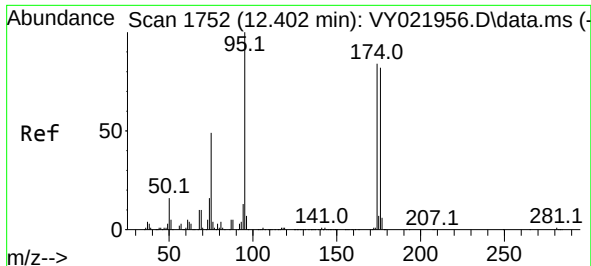
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

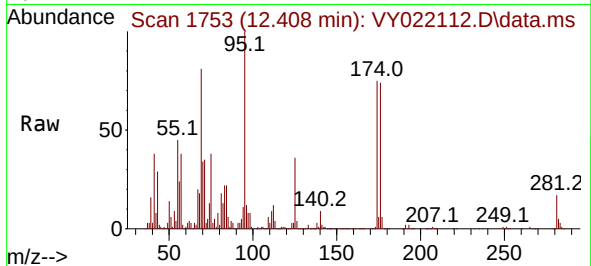
Tgt Ion: 92 Resp: 1604199
Ion Ratio Lower Upper
92 100
91 170.1 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 55.541 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

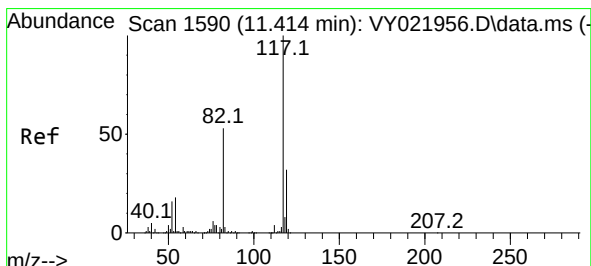
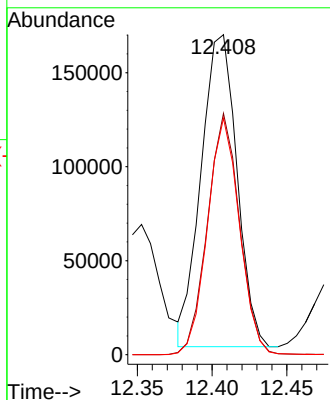
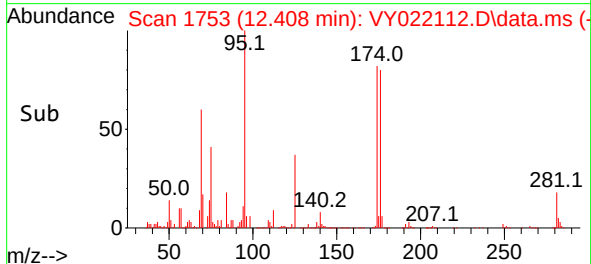
Instrument :
MSVOA_Y
ClientSampleId :
SS-5



Tgt Ion: 95 Resp: 27623
Ion Ratio Lower Upper
95 100
174 69.4 0.0 179.0
176 67.6 0.0 171.8

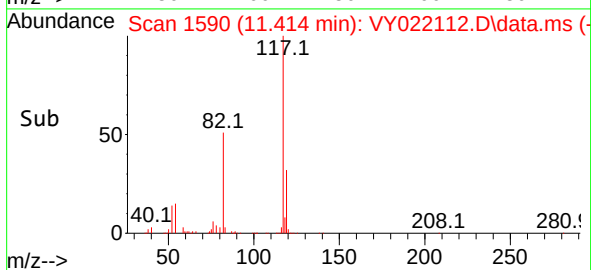
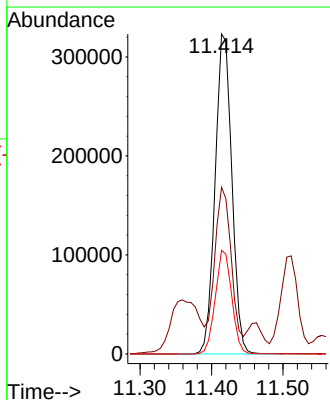
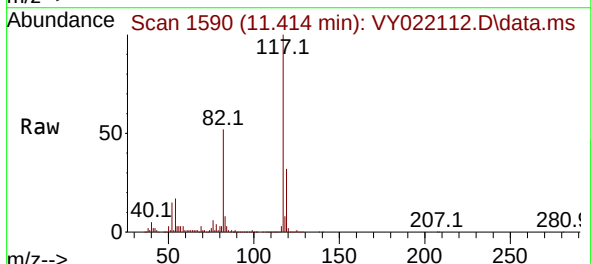
Manual Integrations
APPROVED

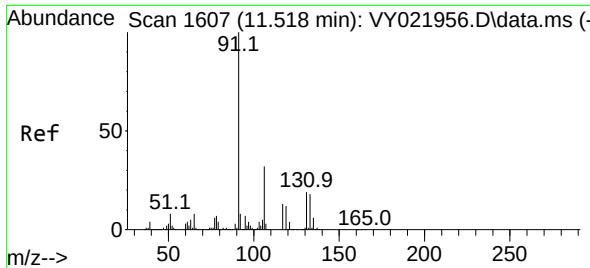
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

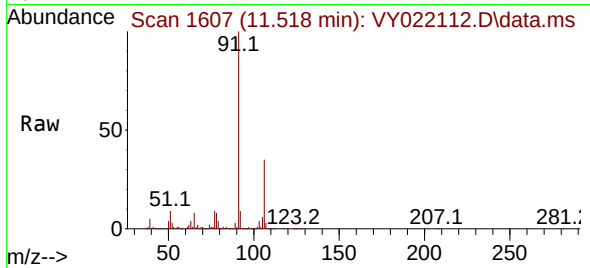
Tgt Ion:117 Resp: 525097
Ion Ratio Lower Upper
117 100
82 40.0 42.1 63.1#
119 32.4 25.7 38.5





#67
Ethyl Benzene
Concen: 483.316 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

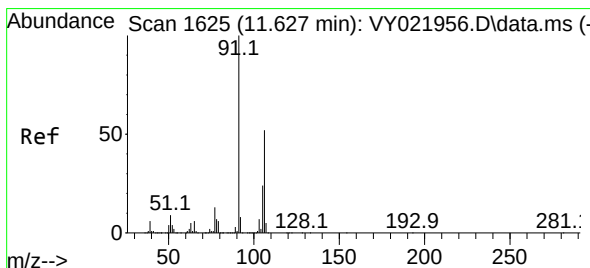
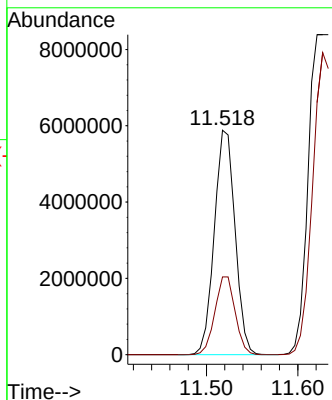
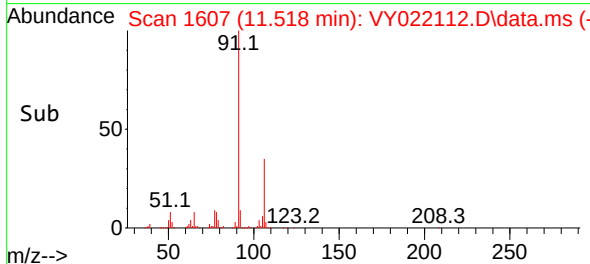
Instrument :
MSVOA_Y
ClientSampleId :
SS-5



Tgt Ion: 91 Resp: 928395
Ion Ratio Lower Upper
91 100
106 34.7 25.9 38.9

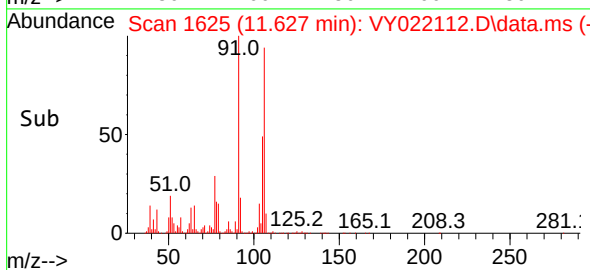
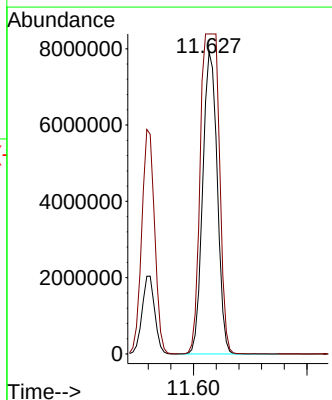
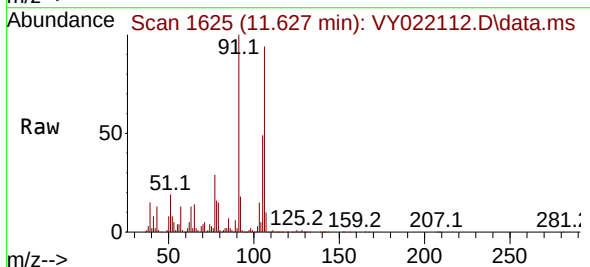
Manual Integrations
APPROVED

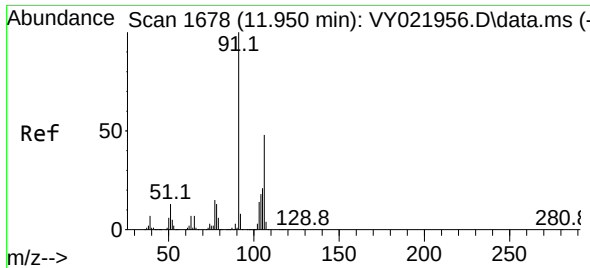
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

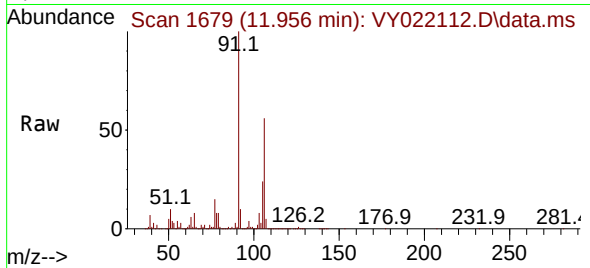
Tgt Ion:106 Resp:14066887
Ion Ratio Lower Upper
106 100
91 139.2 156.2 234.2#





#69
o-Xylene
Concen: 941.942 ug/l
RT: 11.956 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

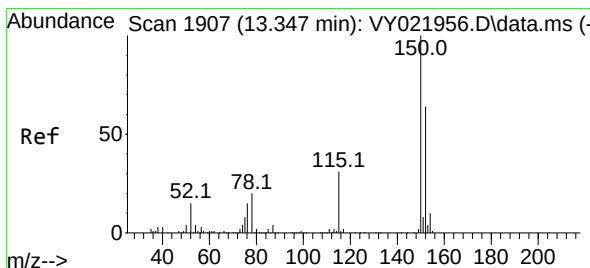
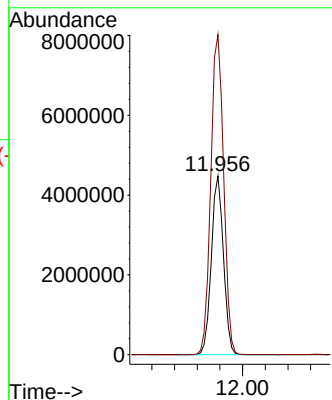
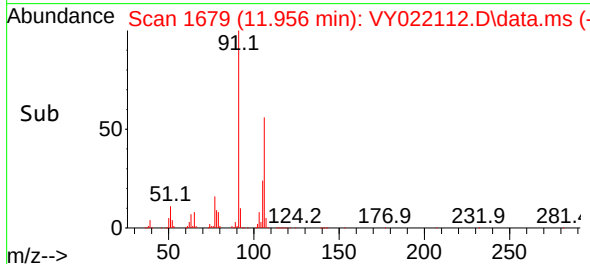
Instrument :
MSVOA_Y
ClientSampleId :
SS-5



Tgt Ion:106 Resp: 663601
Ion Ratio Lower Upper
106 100
91 190.6 103.0 308.9

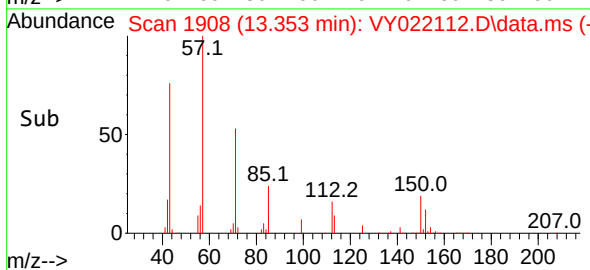
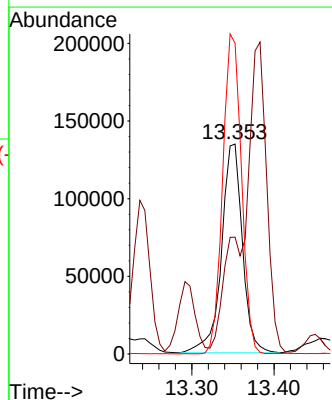
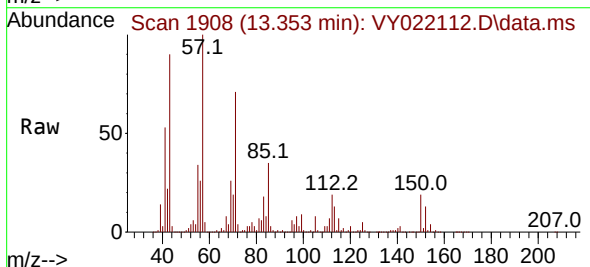
Manual Integrations
APPROVED

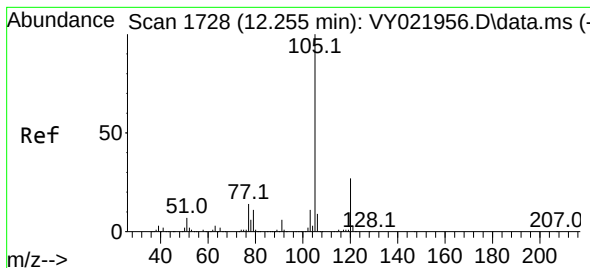
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

Tgt Ion:152 Resp: 237049
Ion Ratio Lower Upper
152 100
115 0.0 28.0 84.0#
150 137.8 0.0 345.6





#73

Isopropylbenzene

Concen: 118.726 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022112.D

Acq: 01 May 2025 17:16

Instrument :

MSVOA_Y

ClientSampleId :

SS-5

Tgt Ion:105 Resp: 188030

Ion Ratio Lower Upper

105 100

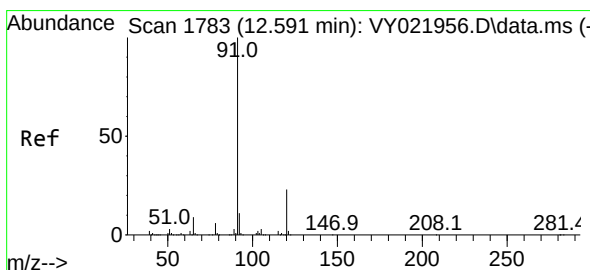
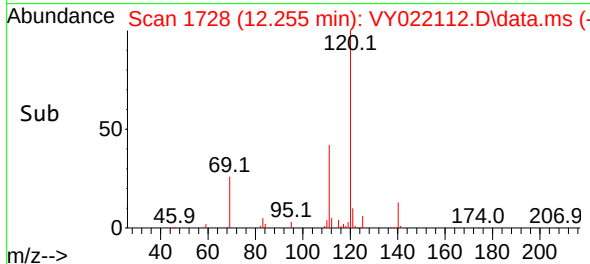
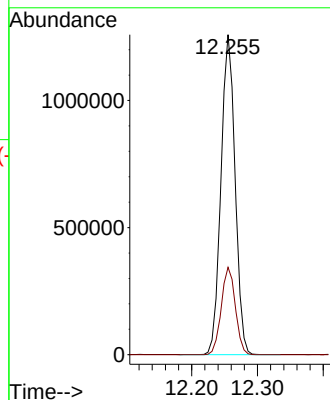
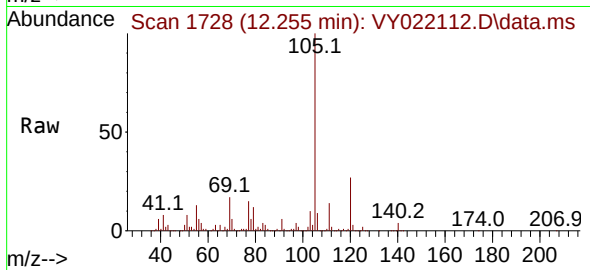
120 27.2 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#78

n-propylbenzene

Concen: 288.152 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022112.D

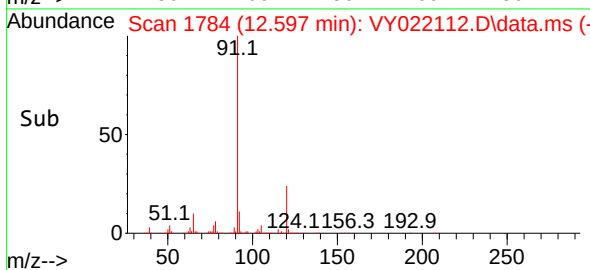
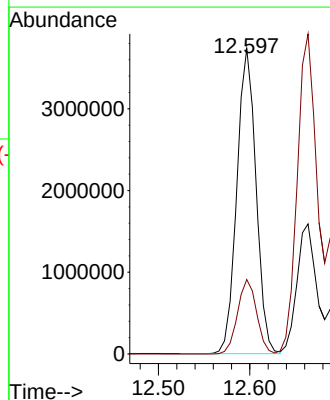
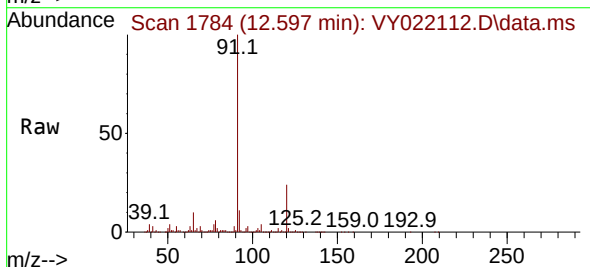
Acq: 01 May 2025 17:16

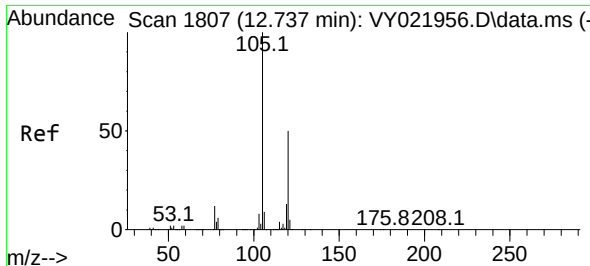
Tgt Ion: 91 Resp: 5434691

Ion Ratio Lower Upper

91 100

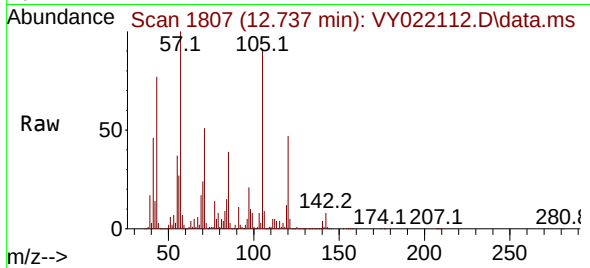
120 24.2 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 548.313 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

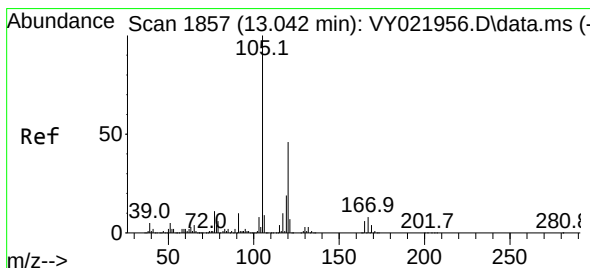
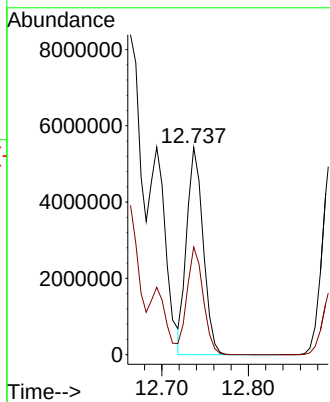
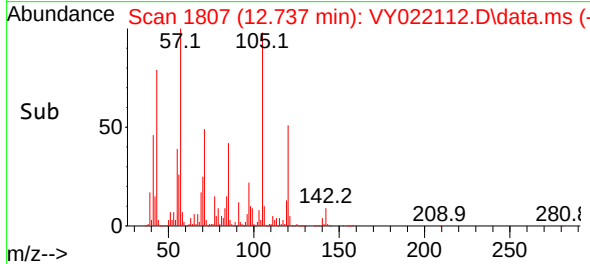
Instrument :
MSVOA_Y
ClientSampleId :
SS-5



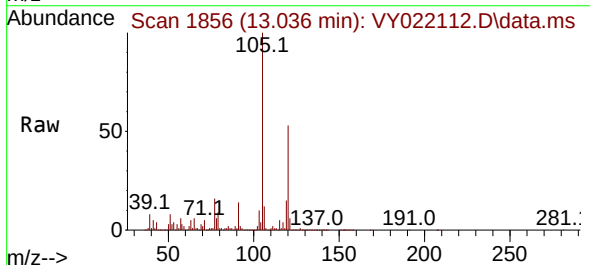
Tgt Ion:105 Resp: 715502
Ion Ratio Lower Upper
105 100
120 51.0 25.0 75.0

Manual Integrations
APPROVED

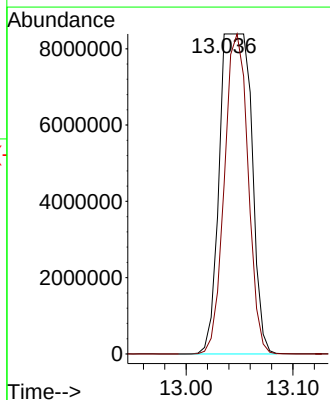
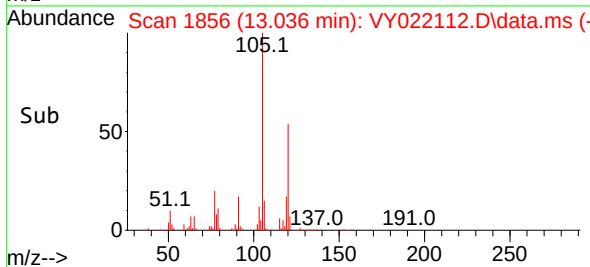
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

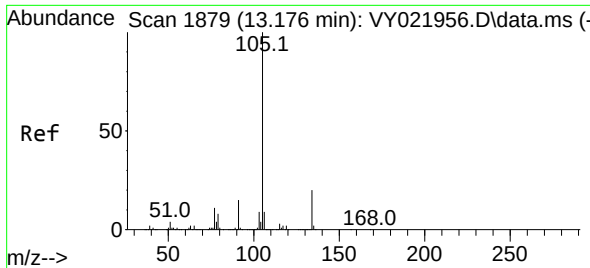


#84
1,2,4-Trimethylbenzene
Concen: 1348.866 ug/l m
RT: 13.036 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16



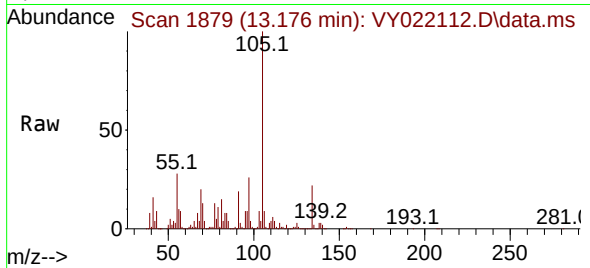
Tgt Ion:105 Resp:17605583
Ion Ratio Lower Upper
105 100
120 15.4 23.4 70.0#





#85
 sec-Butylbenzene
 Concen: 89.913 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022112.D
 Acq: 01 May 2025 17:16

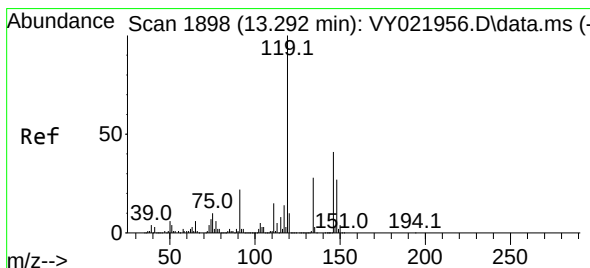
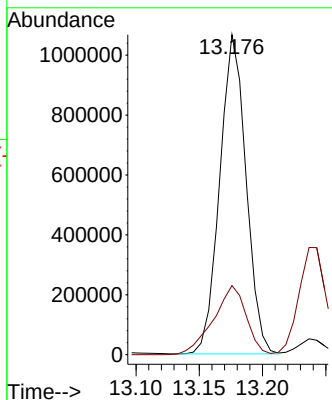
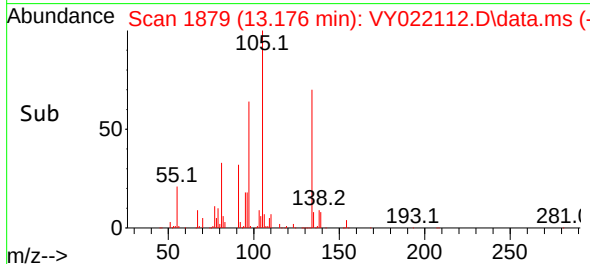
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-5



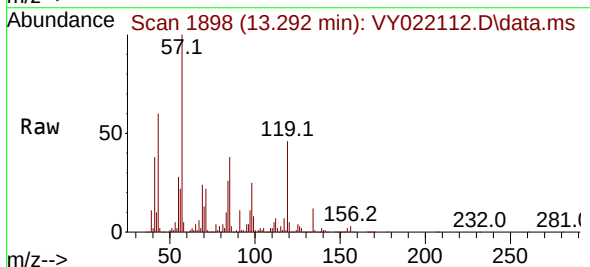
Tgt Ion:105 Resp: 153977
 Ion Ratio Lower Upper
 105 100
 134 27.0 10.3 30.9

Manual Integrations
 APPROVED

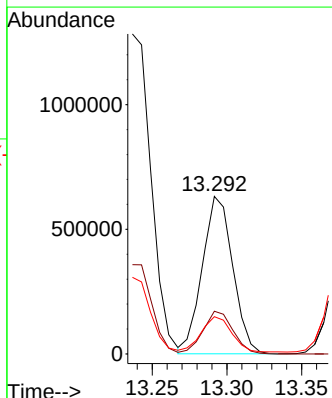
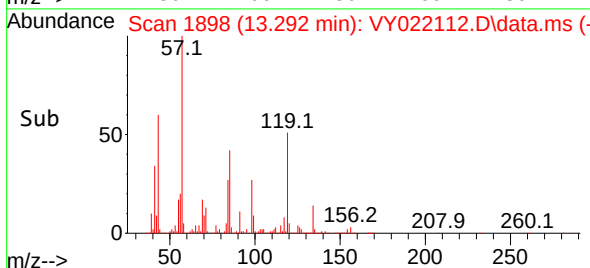
Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025

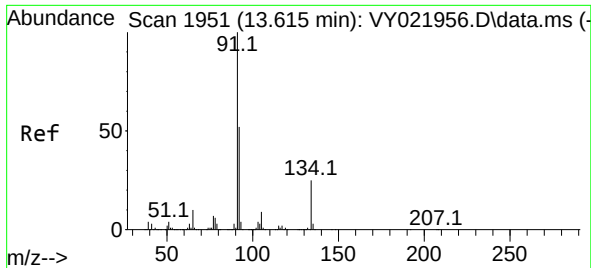


#86
 p-Isopropyltoluene
 Concen: 61.680 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022112.D
 Acq: 01 May 2025 17:16



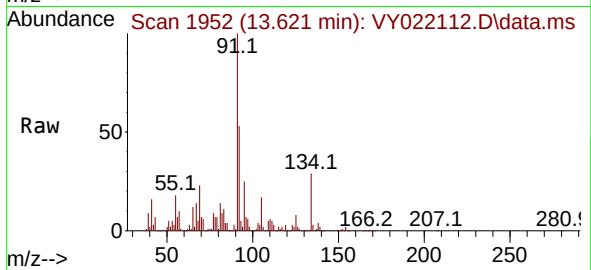
Tgt Ion:119 Resp: 896938
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 22.2 11.0 33.0





#89
n-Butylbenzene
Concen: 119.343 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

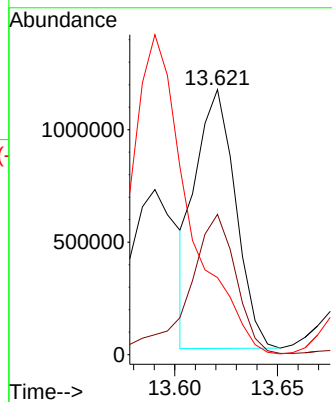
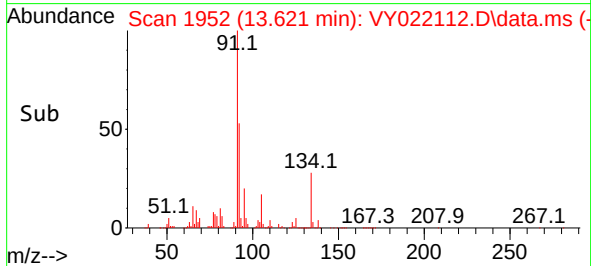
Instrument :
MSVOA_Y
ClientSampleId :
SS-5



Tgt Ion: 91 Resp: 155122
Ion Ratio Lower Upper
91 100
92 64.2 26.5 79.5
134 0.0 13.4 40.1

Manual Integrations
APPROVED

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



Report of Analysis

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

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

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

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-5ME

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

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

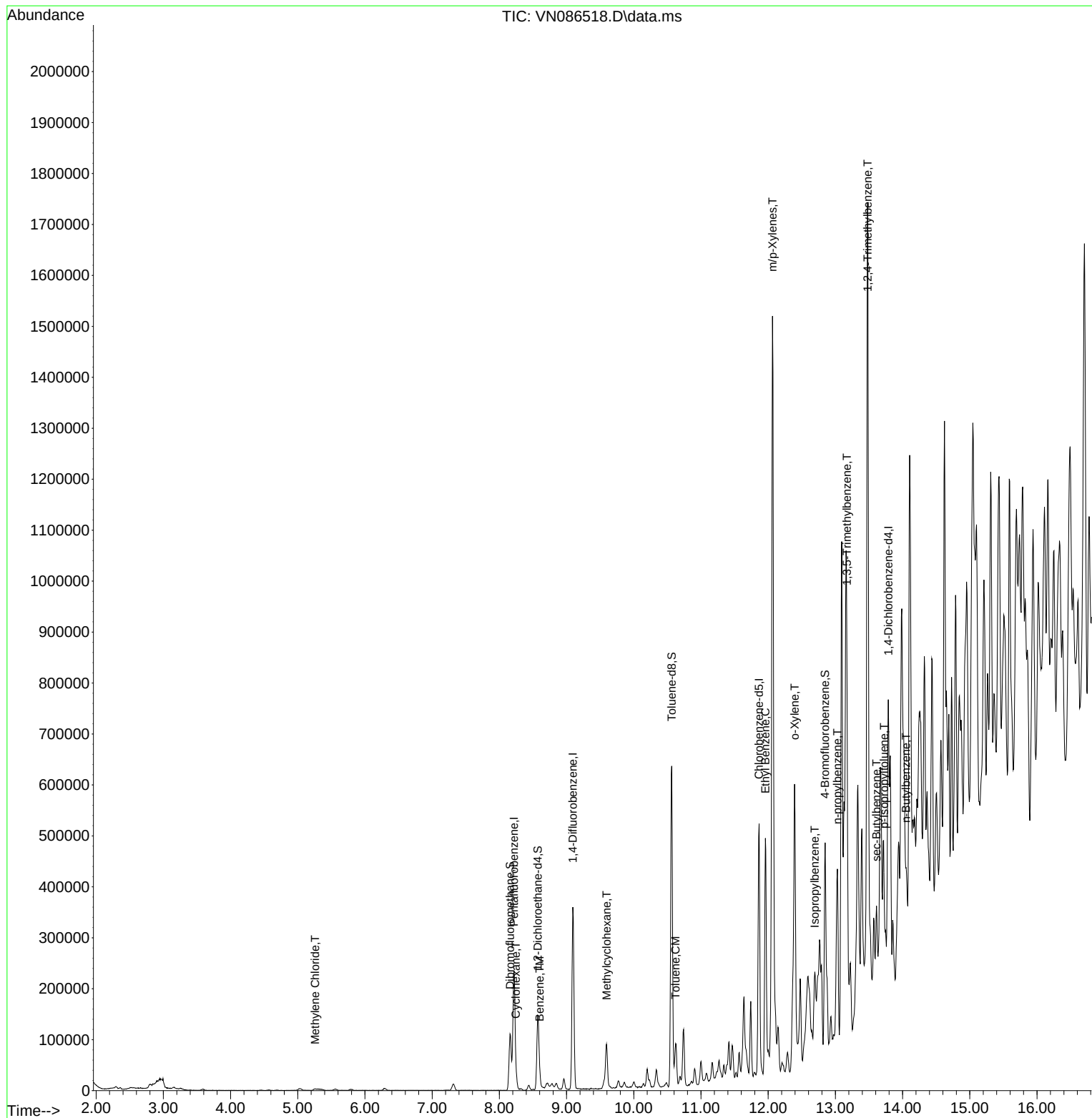
Internal Standards						
1) Pentafluorobenzene	8.218	168	169551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	319127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4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

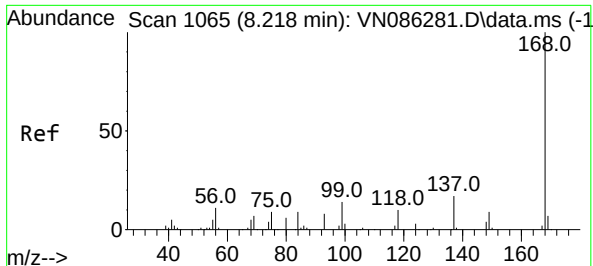
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

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

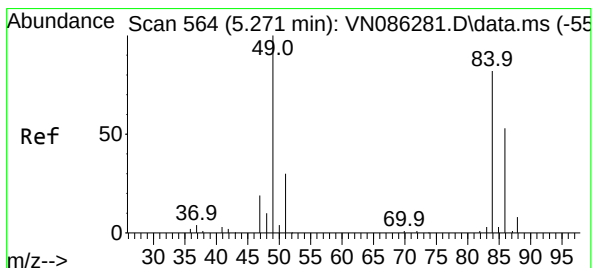
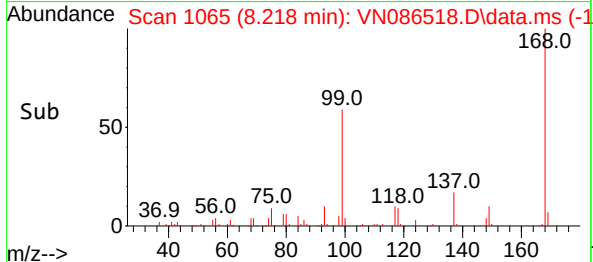
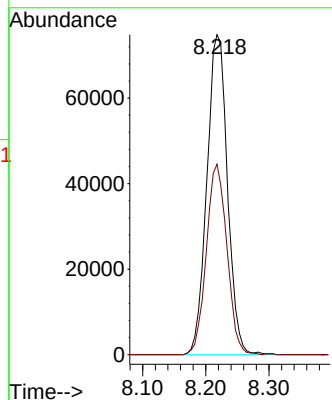
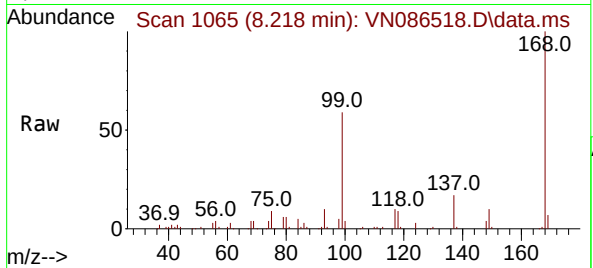




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

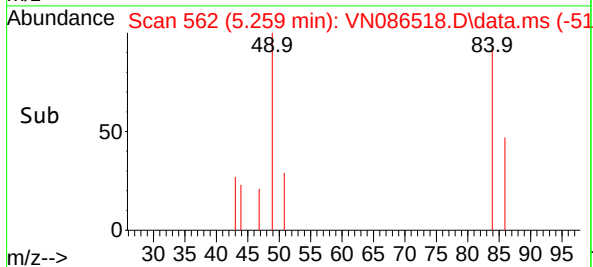
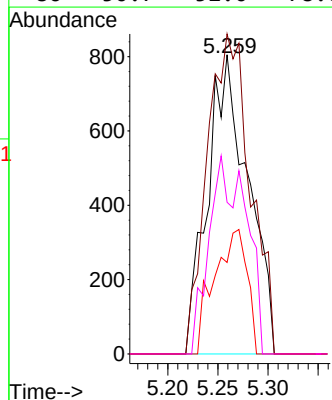
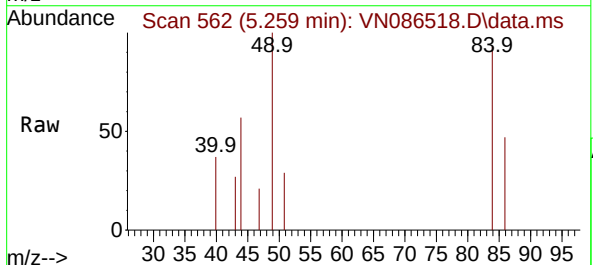
Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

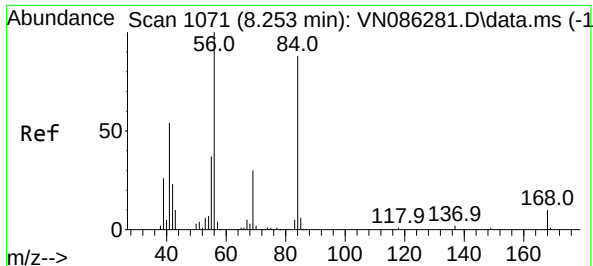
Tgt Ion:168 Resp: 169551
Ion Ratio Lower Upper
168 100
99 59.5 52.5 78.7



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

Tgt Ion: 84 Resp: 2266
Ion Ratio Lower Upper
84 100
49 107.0 98.2 147.2
51 30.6 29.8 44.6
86 50.7 52.0 78.0#

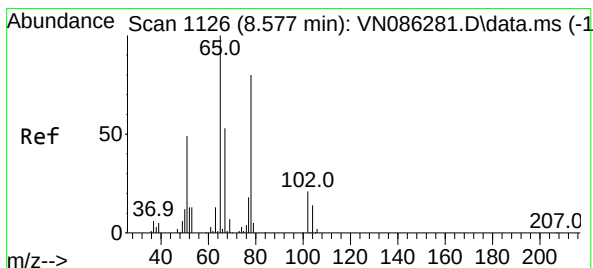
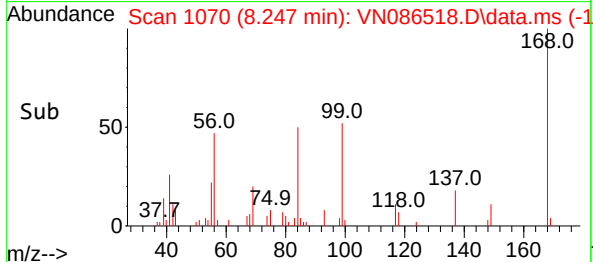
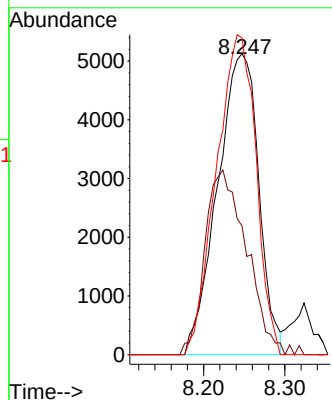
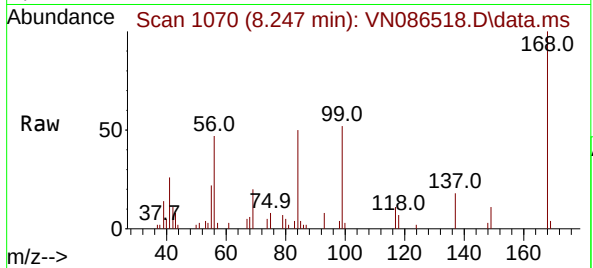




#31
Cyclohexane
Concen: 4.537 ug/l
RT: 8.247 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

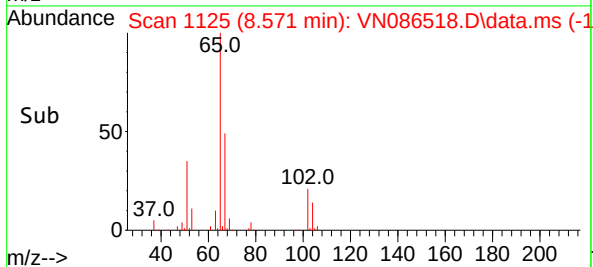
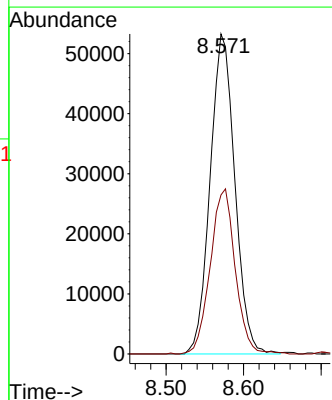
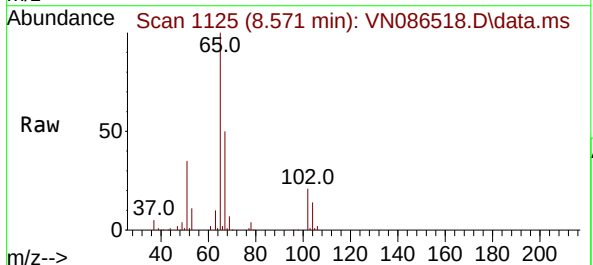
Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

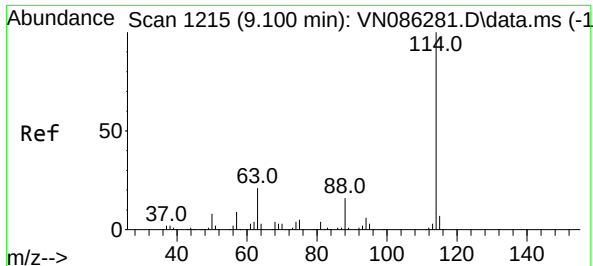
Tgt Ion: 56 Resp: 18078
Ion Ratio Lower Upper
56 100
69 42.8 24.2 36.2#
84 105.3 70.3 105.5



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

Tgt Ion: 65 Resp: 118170
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086518.D

Acq: 06 May 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

SS-5ME

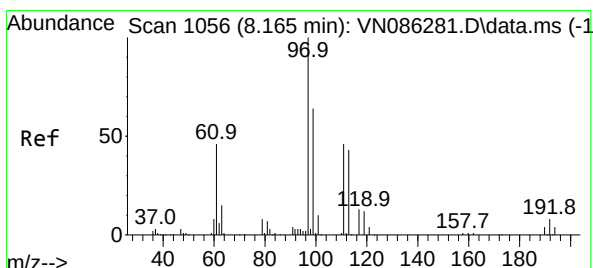
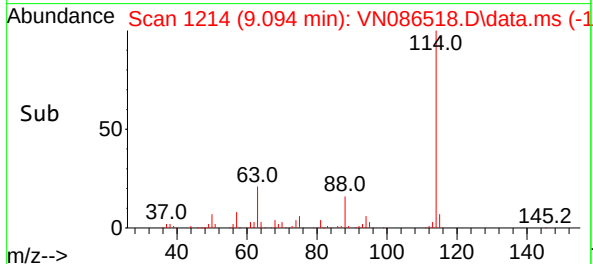
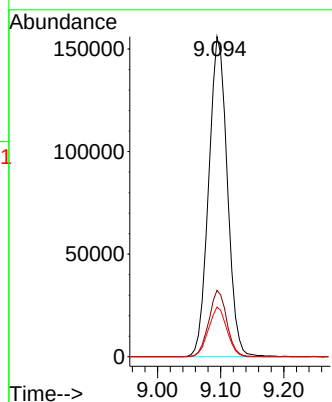
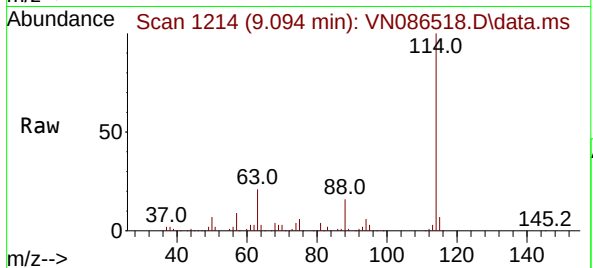
Tgt Ion:114 Resp: 319127

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.816 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086518.D

Acq: 06 May 2025 16:35

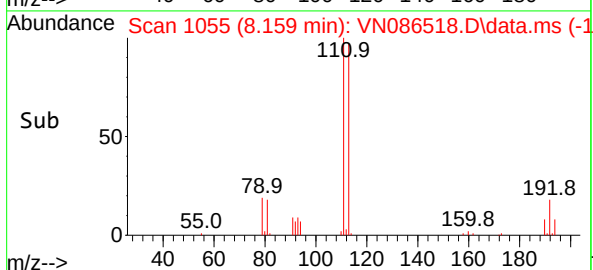
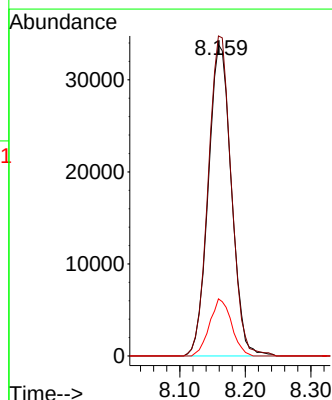
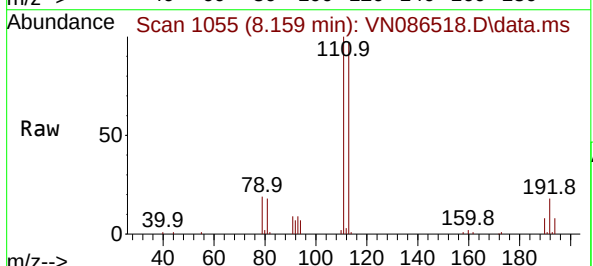
Tgt Ion:113 Resp: 82669

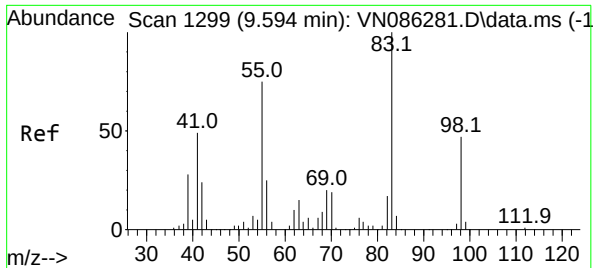
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

192 17.4 13.7 20.5





#39

Methylcyclohexane

Concen: 11.020 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086518.D

Acq: 06 May 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

SS-5ME

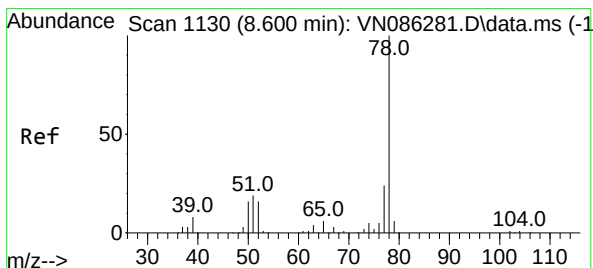
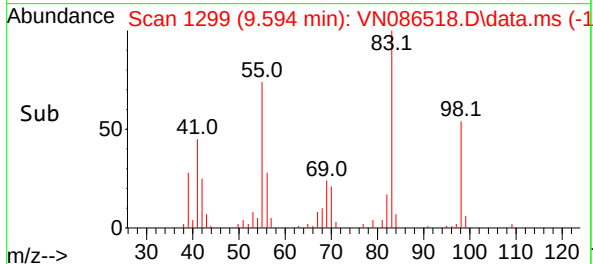
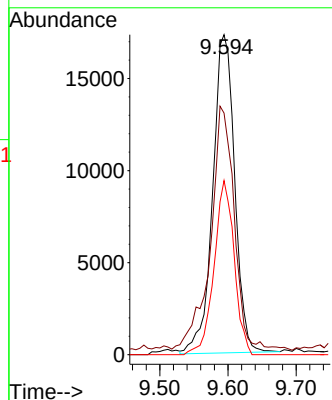
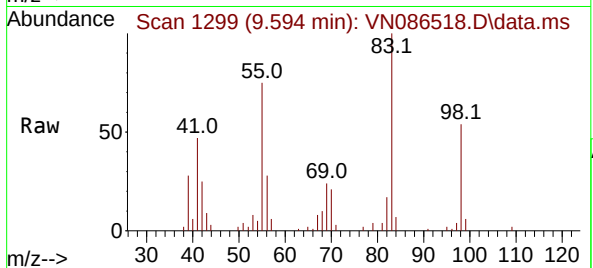
Tgt Ion: 83 Resp: 38749

Ion Ratio Lower Upper

83 100

55 74.0 59.8 89.8

98 54.9 37.9 56.9



#40

Benzene

Concen: 2.320 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086518.D

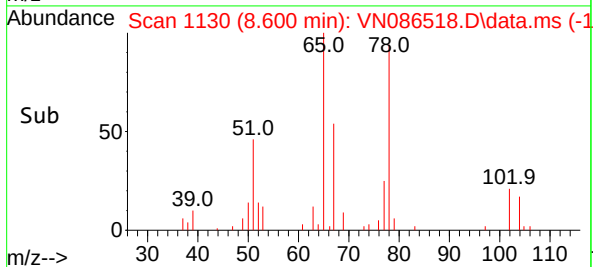
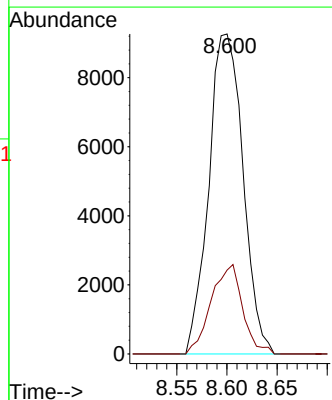
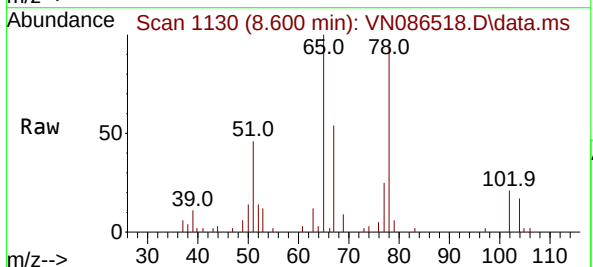
Acq: 06 May 2025 16:35

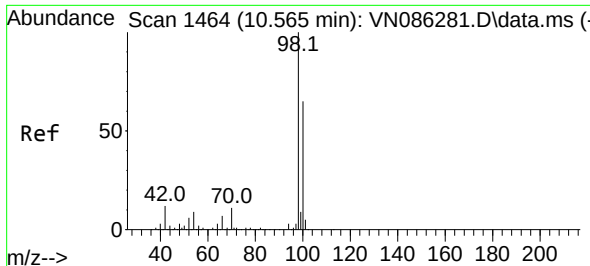
Tgt Ion: 78 Resp: 21989

Ion Ratio Lower Upper

78 100

77 26.2 19.4 29.2

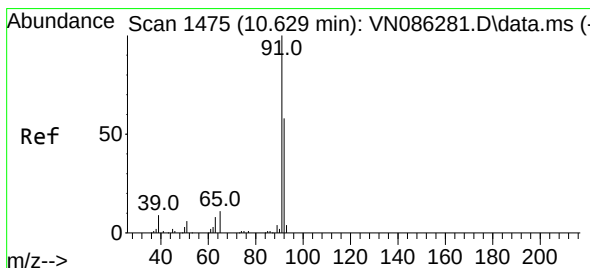
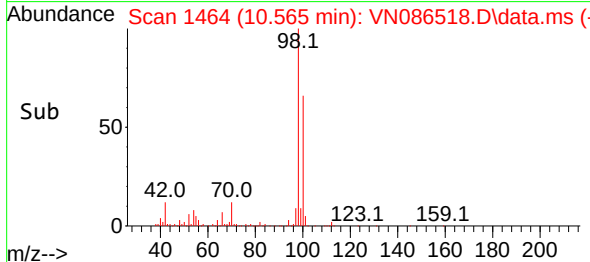
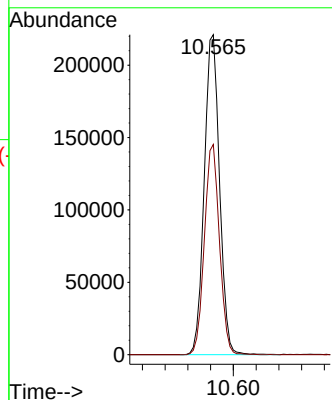
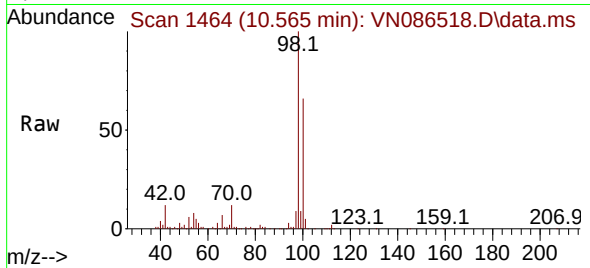




#50
Toluene-d8
Concen: 52.000 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

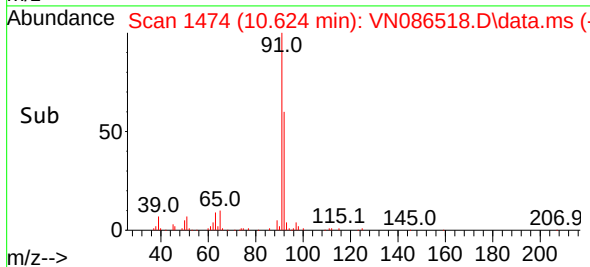
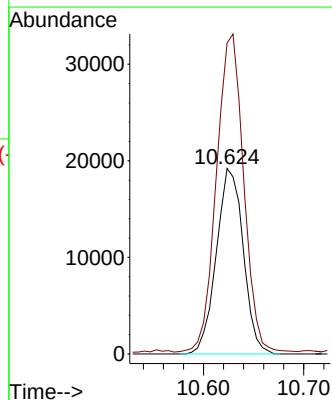
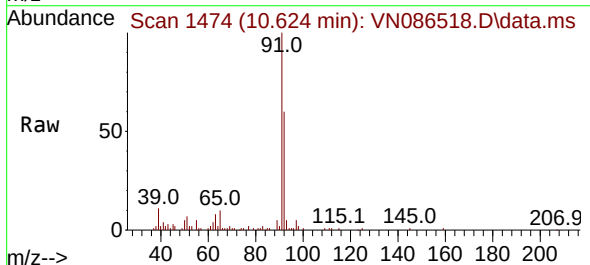
Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

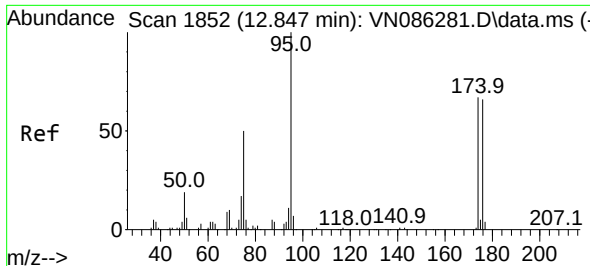
Tgt Ion: 98 Resp: 411619
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



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

Tgt Ion: 92 Resp: 35726
Ion Ratio Lower Upper
92 100
91 173.1 137.3 205.9

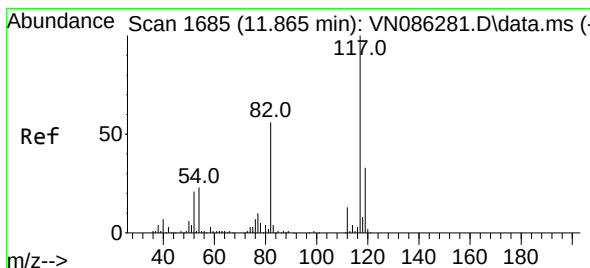
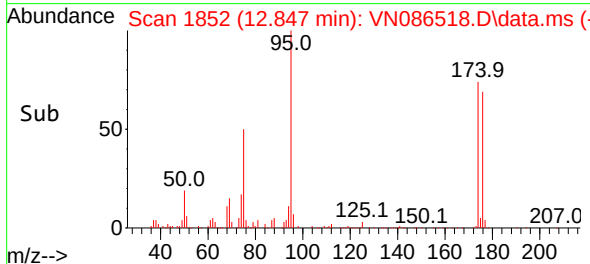
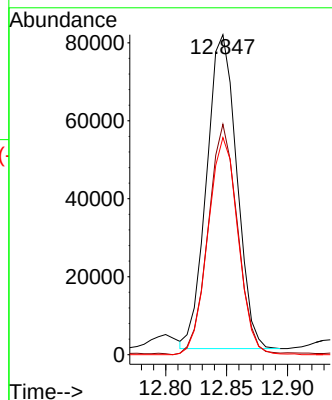
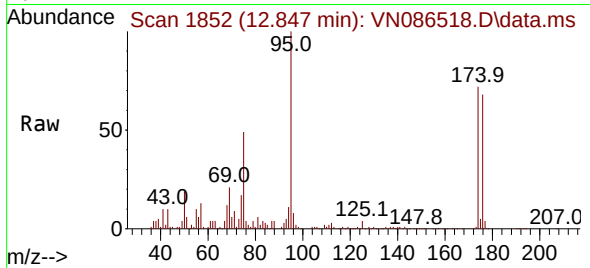




#62
4-Bromofluorobenzene
Concen: 48.038 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

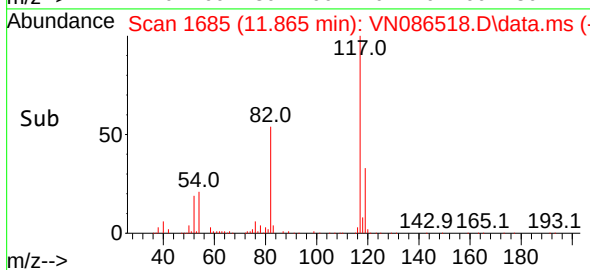
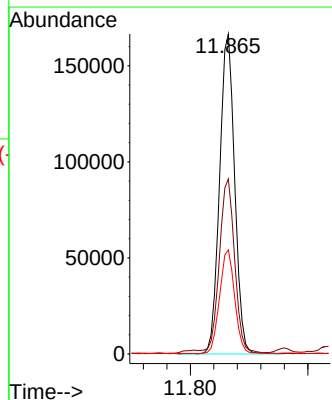
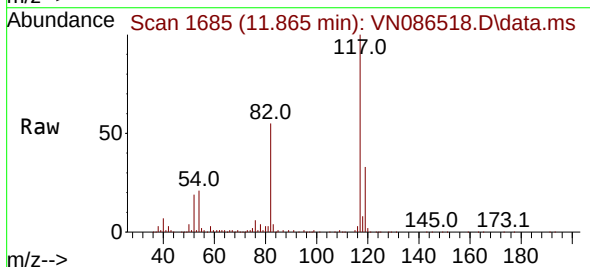
Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

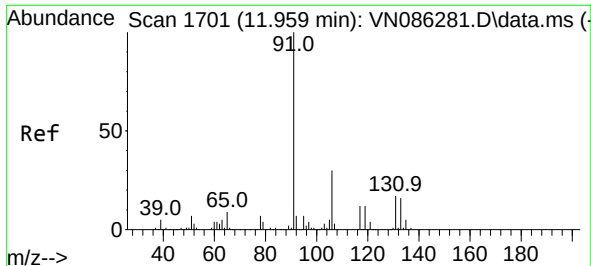
Tgt Ion: 95 Resp: 138696
Ion Ratio Lower Upper
95 100
174 72.1 0.0 133.4
176 69.1 0.0 129.2



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

Tgt Ion: 117 Resp: 297541
Ion Ratio Lower Upper
117 100
82 54.1 44.7 67.1
119 32.4 26.4 39.6





#67

Ethyl Benzene

Concen: 28.218 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN086518.D

Acq: 06 May 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

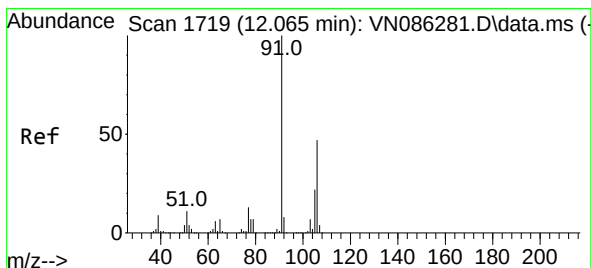
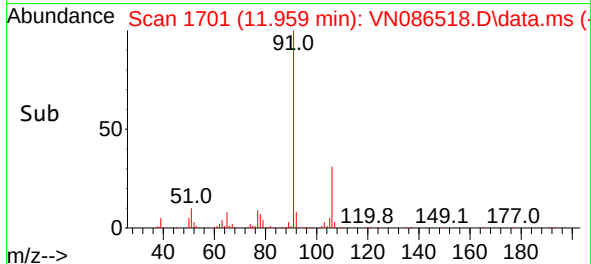
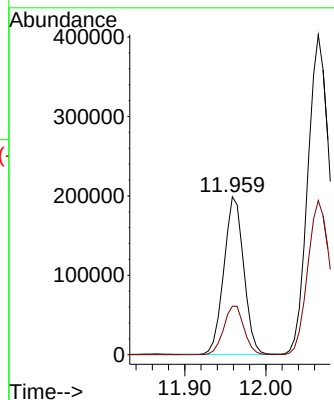
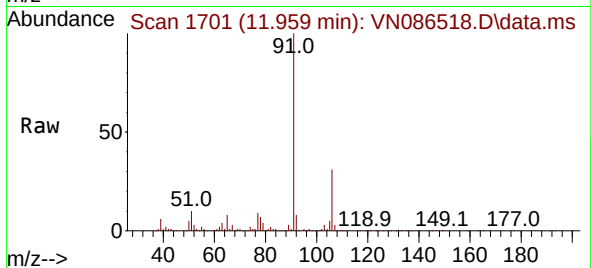
SS-5ME

Tgt Ion: 91 Resp: 338116

Ion Ratio Lower Upper

91 100

106 30.8 24.3 36.5



#68

m/p-Xylenes

Concen: 83.080 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN086518.D

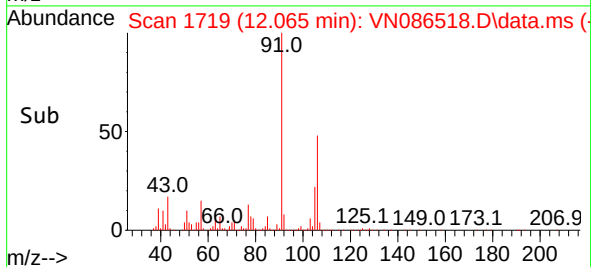
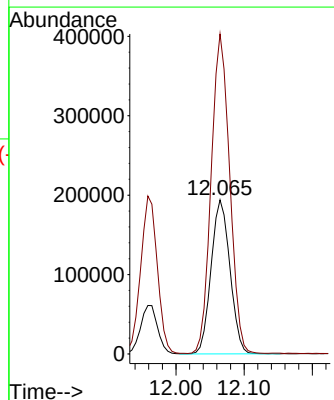
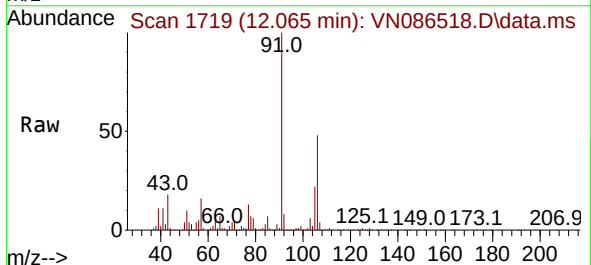
Acq: 06 May 2025 16:35

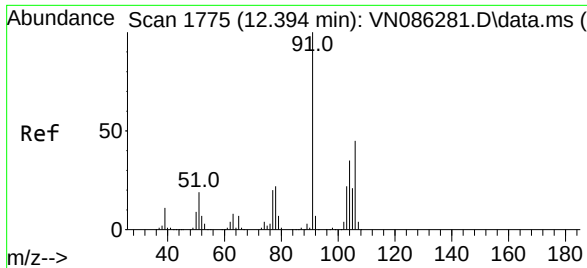
Tgt Ion:106 Resp: 373004

Ion Ratio Lower Upper

106 100

91 203.9 166.5 249.7

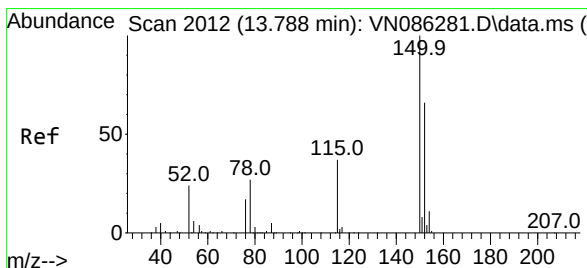
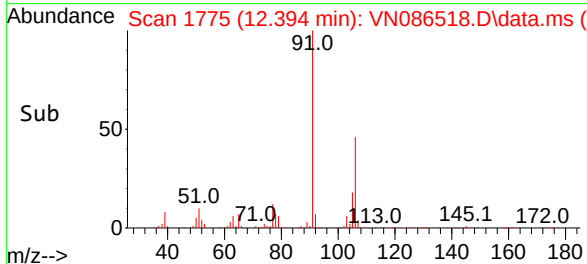
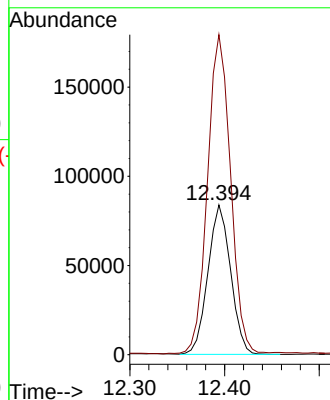
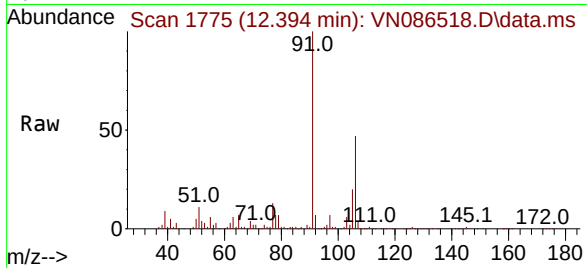




#69
o-Xylene
Concen: 31.468 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

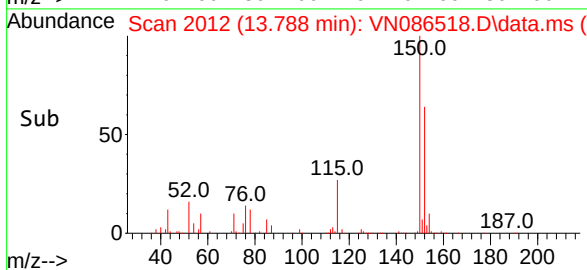
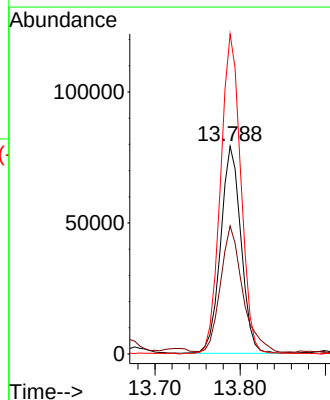
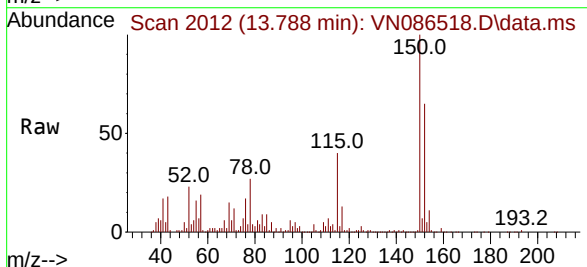
Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

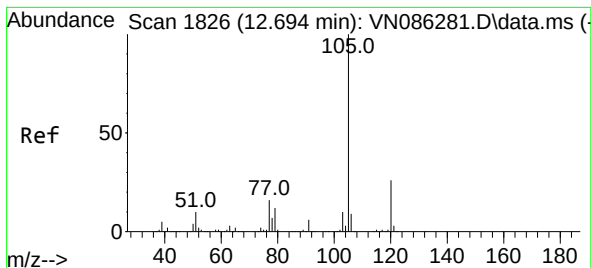
Tgt Ion:106 Resp: 139720
Ion Ratio Lower Upper
106 100
91 217.1 109.7 329.0



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

Tgt Ion:152 Resp: 131140
Ion Ratio Lower Upper
152 100
115 66.3 31.9 95.9
150 154.5 0.0 352.0





#73

Isopropylbenzene

Concen: 6.755 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086518.D

Acq: 06 May 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

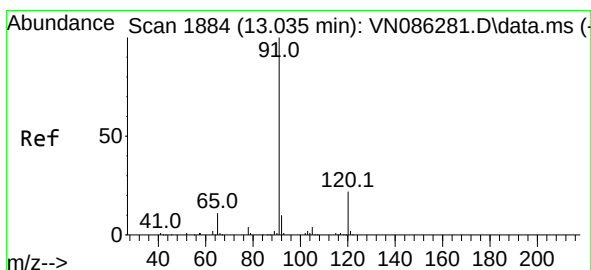
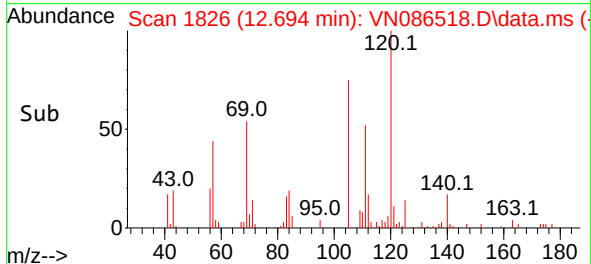
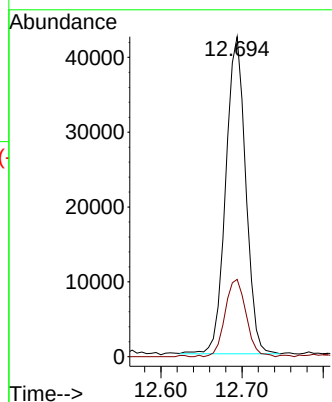
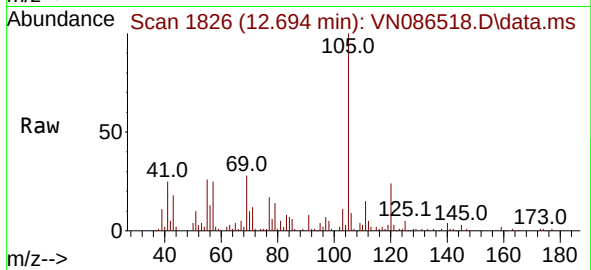
SS-5ME

Tgt Ion:105 Resp: 72467

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.3



#78

n-propylbenzene

Concen: 17.035 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086518.D

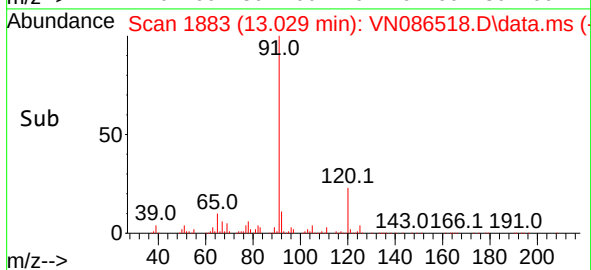
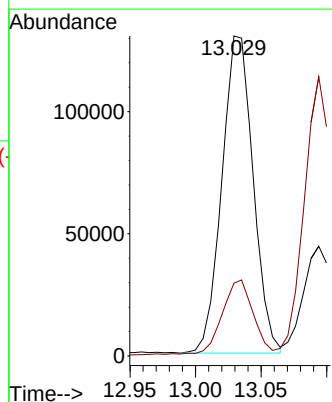
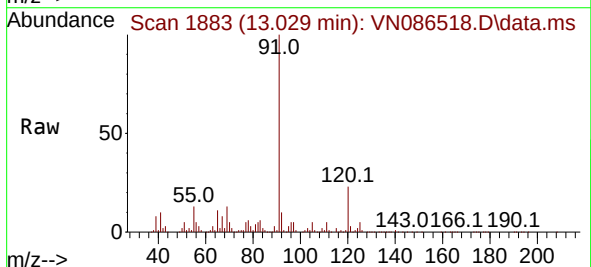
Acq: 06 May 2025 16:35

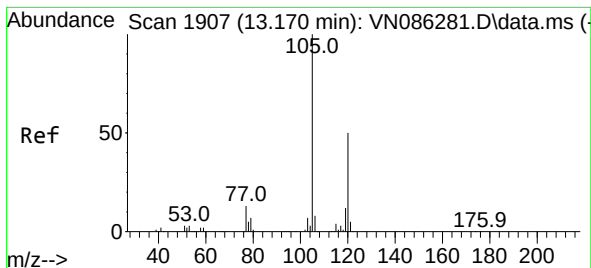
Tgt Ion: 91 Resp: 215340

Ion Ratio Lower Upper

91 100

120 25.3 11.1 33.3

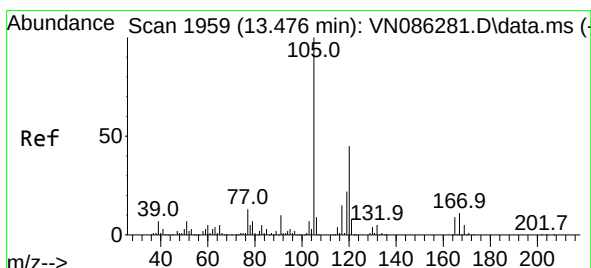
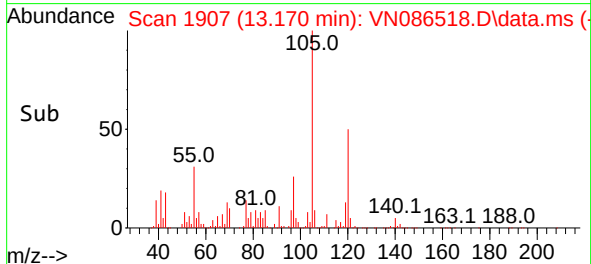
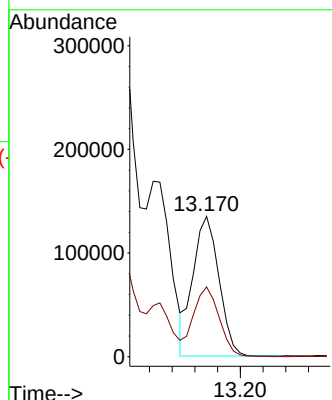
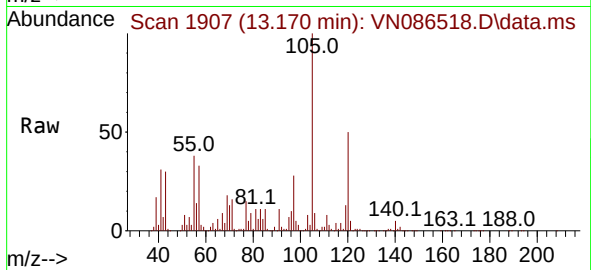




#80
 1,3,5-Trimethylbenzene
 Concen: 24.397 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN086518.D
 Acq: 06 May 2025 16:35

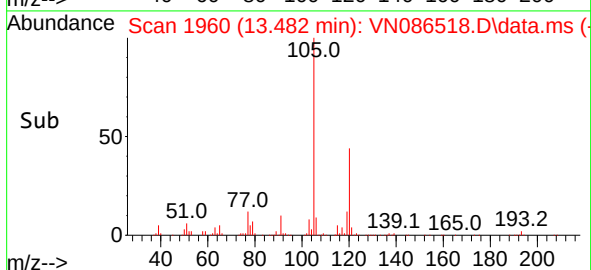
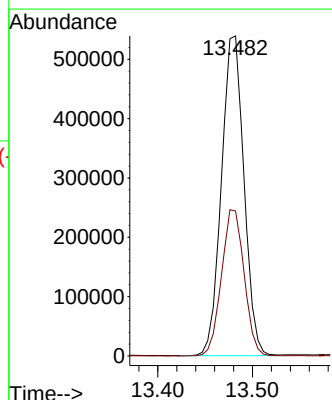
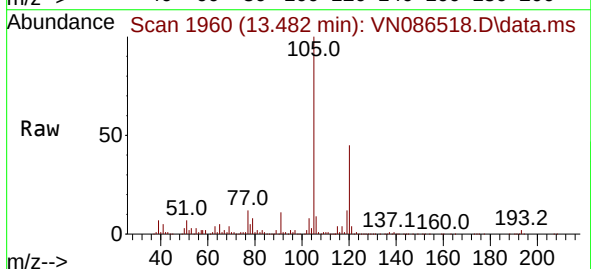
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-5ME

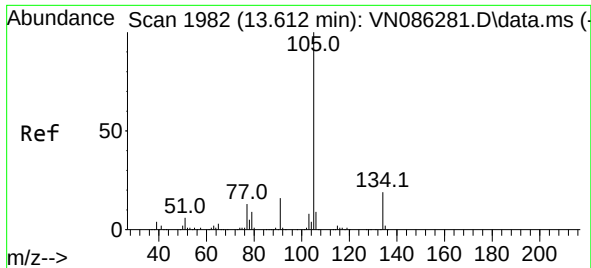
Tgt Ion:105 Resp: 214210
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.5 73.5



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

Tgt Ion:105 Resp: 890263
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.3

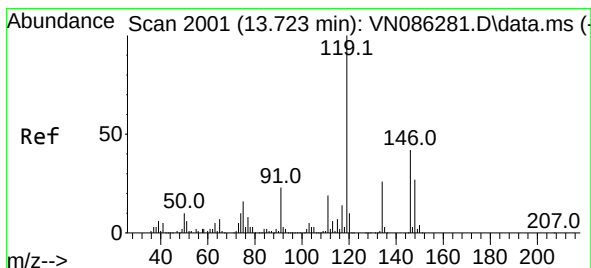
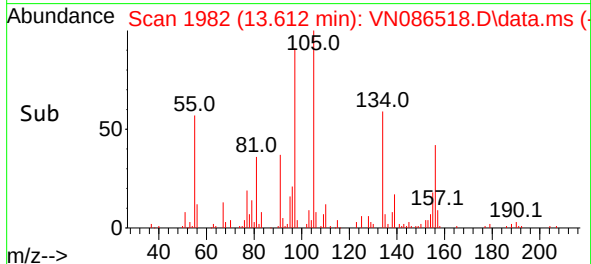
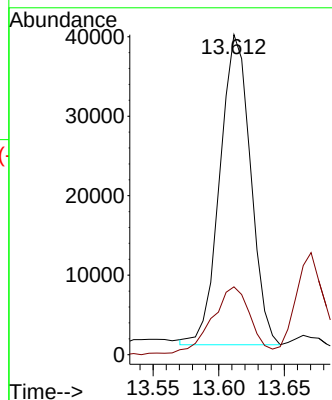
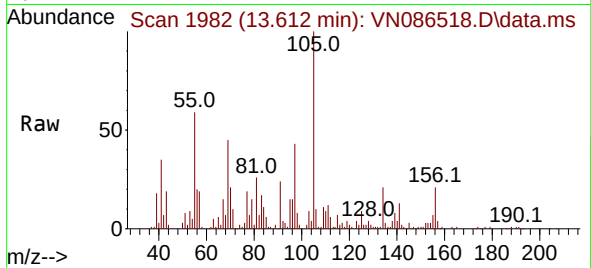




#85
sec-Butylbenzene
Concen: 6.019 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

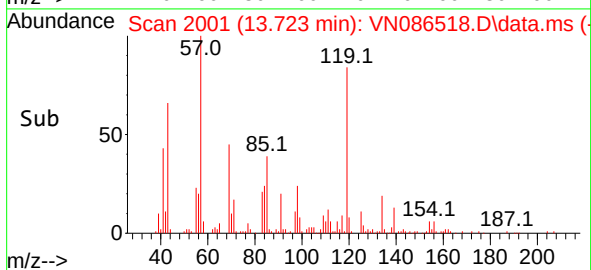
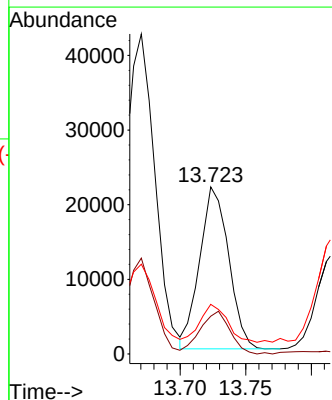
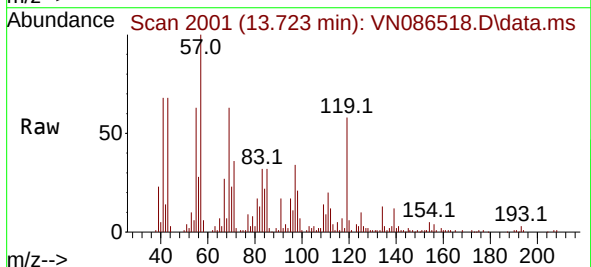
Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

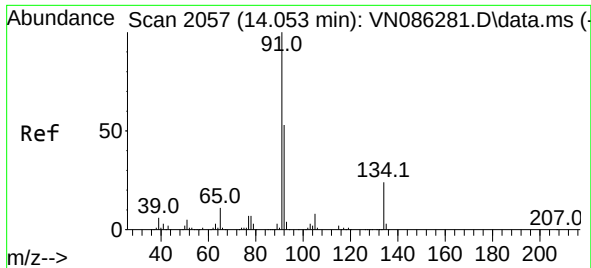
Tgt Ion:105 Resp: 63517
Ion Ratio Lower Upper
105 100
134 27.9 9.7 29.1



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

Tgt Ion:119 Resp: 33454
Ion Ratio Lower Upper
119 100
134 26.9 13.1 39.1
91 21.8 11.9 35.9

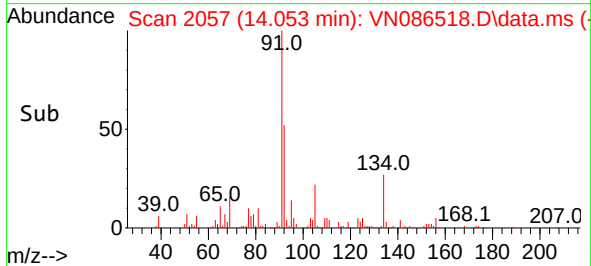
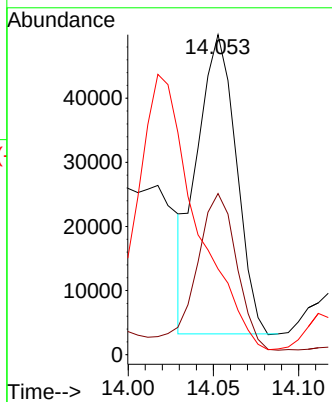
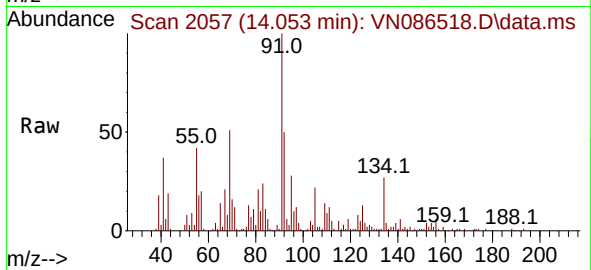




#89
 n-Butylbenzene
 Concen: 9.684 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN086518.D
 Acq: 06 May 2025 16:35

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-5ME

Tgt Ion:	91	Resp:	74661
Ion	Ratio	Lower	Upper
91	100		
92	55.0	26.8	80.4
134	0.0	12.2	36.6



Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	12.3		0.57	3.60	ug/Kg
108-88-3	Toluene	21.5		0.56	3.60	ug/Kg
100-41-4	Ethyl Benzene	240	E	0.48	3.60	ug/Kg
1330-20-7	Total Xylenes	1540	E	1.48	10.8	ug/Kg
98-82-8	Isopropylbenzene	71.9		0.56	3.60	ug/Kg
103-65-1	n-propylbenzene	180	E	0.52	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	440	E	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	0.48	U	0.48	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	760	E	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	72.3		0.47	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	51.0		0.44	3.60	ug/Kg
104-51-8	n-Butylbenzene	100		1.00	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	35.5		63 - 155	71%	SPK: 50
1868-53-7	Dibromofluoromethane	45.1		70 - 134	90%	SPK: 50
2037-26-5	Toluene-d8	54.9		74 - 123	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		38 - 136	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	547000	7.707			
540-36-3	1,4-Difluorobenzene	868000	8.616			
3114-55-4	Chlorobenzene-d5	697000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	327000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						
000111-65-9	Octane	300	J		10.3	ug/Kg
002216-34-4	Octane, 4-methyl-	550	J		11.2	ug/Kg
002216-33-3	Octane, 3-methyl-	310	J		11.3	ug/Kg
001678-92-8	Cyclohexane, propyl-	250	J		12.2	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	380	J		12.7	ug/Kg
000622-97-9	Benzene, 1-ethenyl-4-methyl-	270	J		13.5	ug/Kg
001120-21-4	Undecane	560	J		13.7	ug/Kg
1000152-47-3	trans-Decalin, 2-methyl-	230	J		14.2	ug/Kg

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000112-40-3	Dodecane	270	J		14.5	ug/Kg
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	360	J		14.6	ug/Kg
110-82-7	Cyclohexane	39.0	J		7.70	ug/Kg
Total VOC TICs	Total VOC TICs	3480	J		128	ug/Kg
108-87-2	Methylcyclohexane	160	J		9.11	ug/Kg
179601-23-1	m/p-Xylenes	1100	J		11.6	ug/Kg
95-47-6	o-Xylene	440	J		12.0	ug/Kg
ABZT	Alkylbenzenes, Total	1700	J		12.6	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-6

Manual Integrations
 APPROVED

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

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

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

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

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

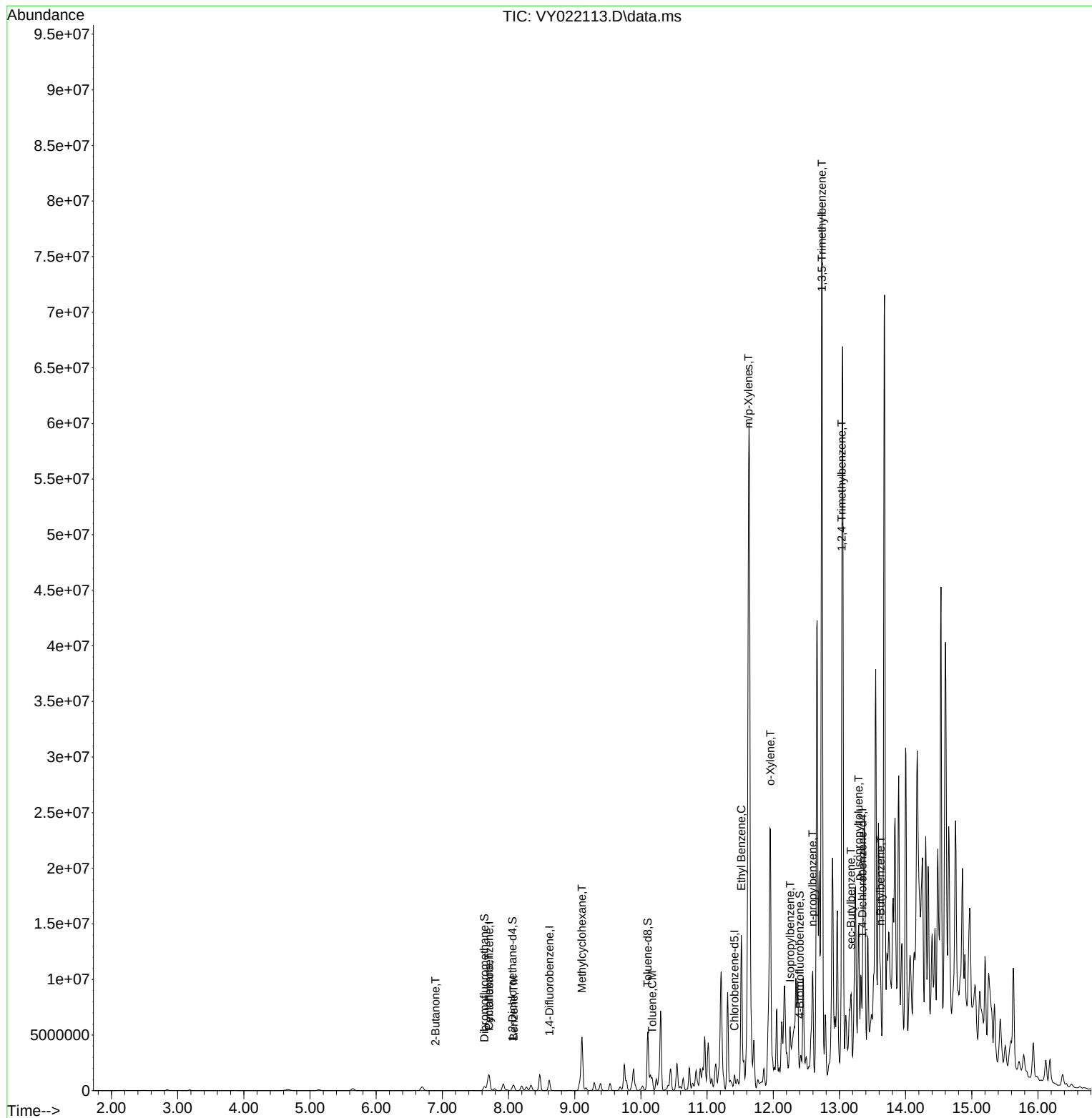
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022113.D
Acq On : 01 May 2025 17:37
Operator : SY/MD
Sample : Q1914-07
Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

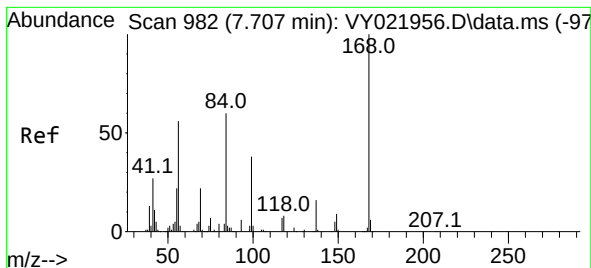
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
APPROVED

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

SS-6

Tgt Ion:168 Resp: 54670

Ion Ratio Lower Upper

168 100

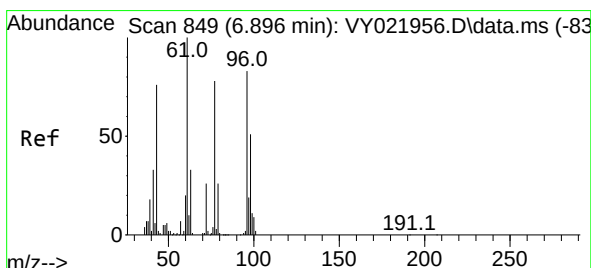
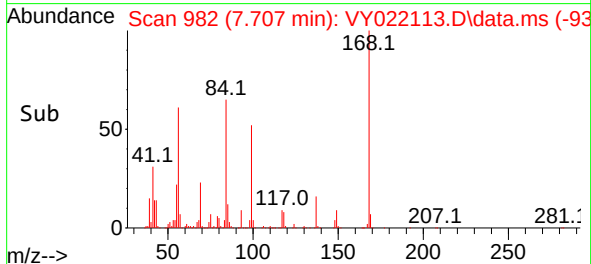
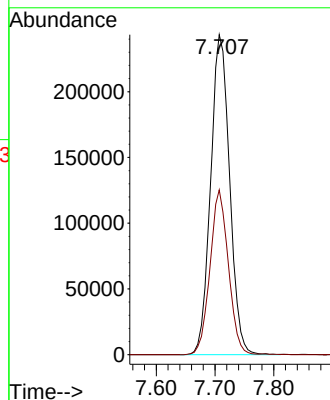
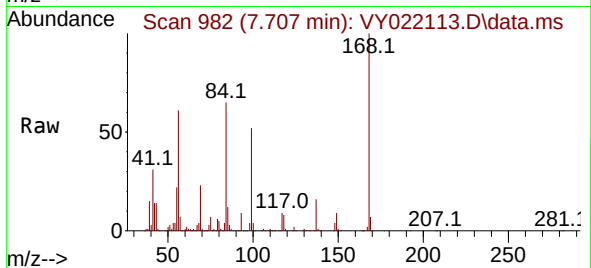
99 51.5 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#25

2-Butanone

Concen: 5.506 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022113.D

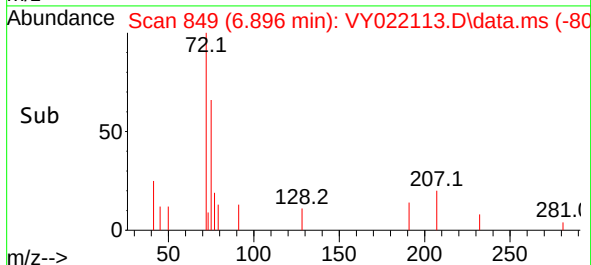
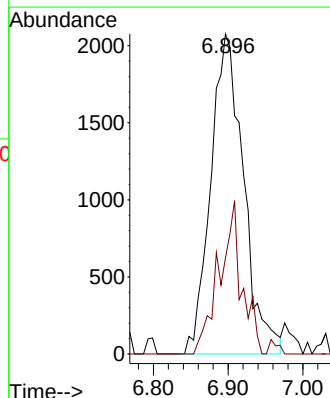
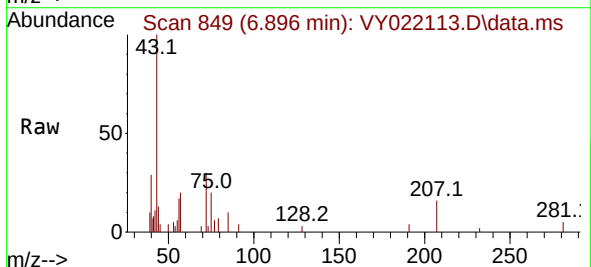
Acq: 01 May 2025 17:37

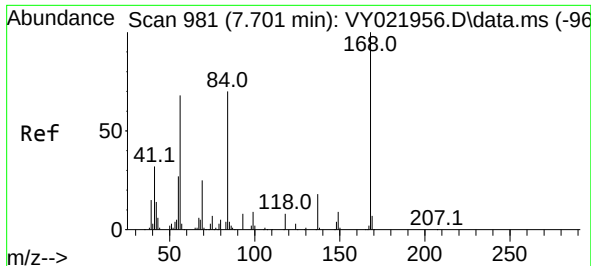
Tgt Ion: 43 Resp: 6338

Ion Ratio Lower Upper

43 100

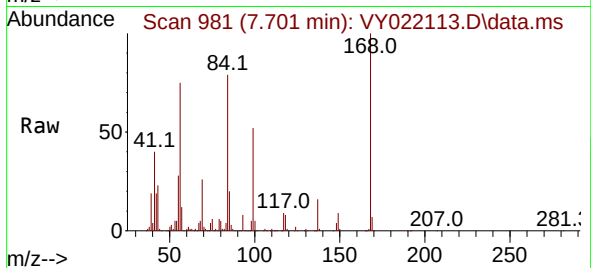
72 30.1 27.0 40.4





#31
Cyclohexane
Concen: 54.486 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

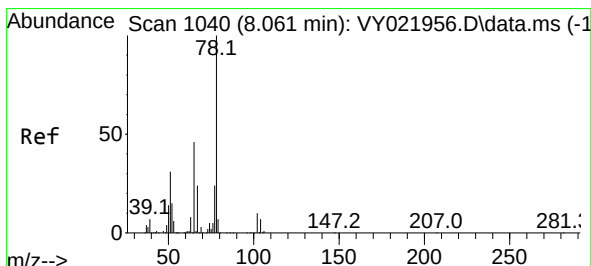
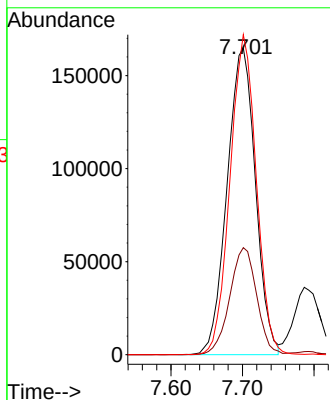
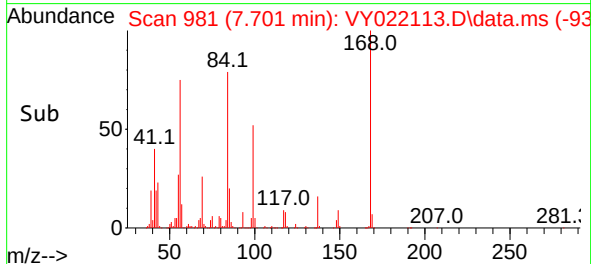
Instrument :
MSVOA_Y
ClientSampleId :
SS-6



Tgt Ion: 56 Resp: 454829
Ion Ratio Lower Upper
56 100
69 34.9 29.4 44.2
84 104.3 82.2 123.4

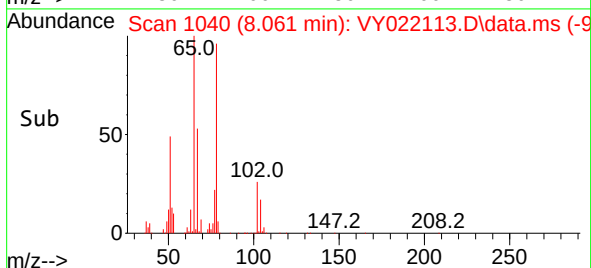
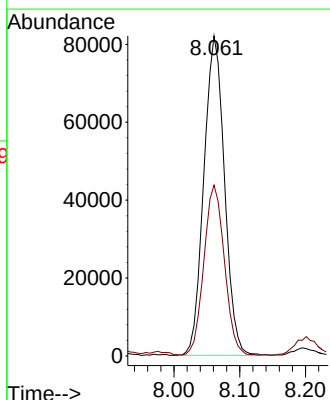
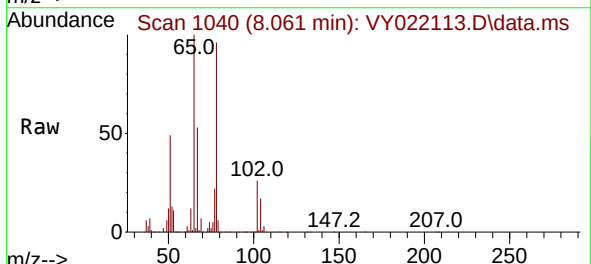
Manual Integrations
APPROVED

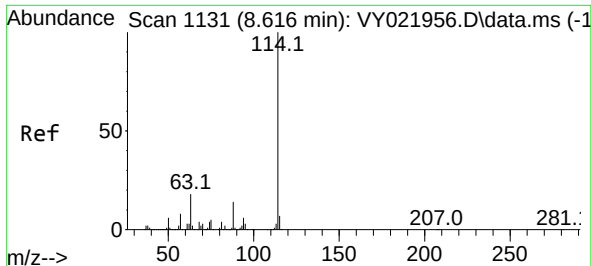
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

Tgt Ion: 65 Resp: 179229
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

SS-6

Tgt Ion:114 Resp: 868390

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.4

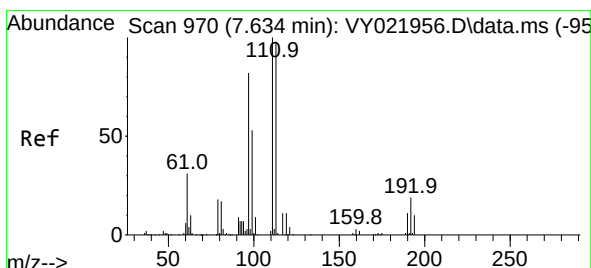
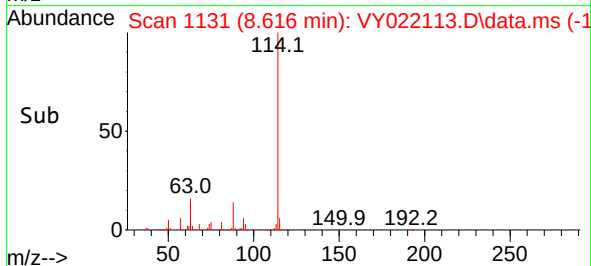
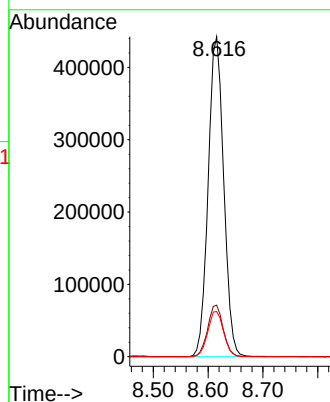
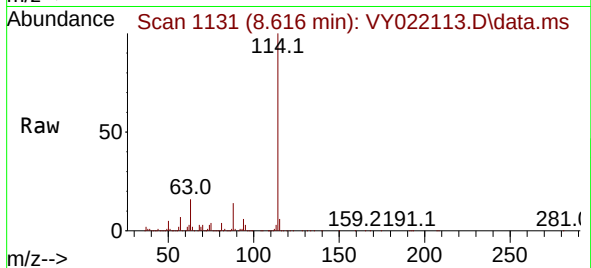
88 14.1 0.0 28.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#35

Dibromofluoromethane

Concen: 45.054 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

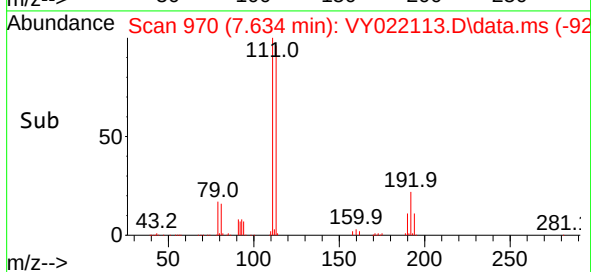
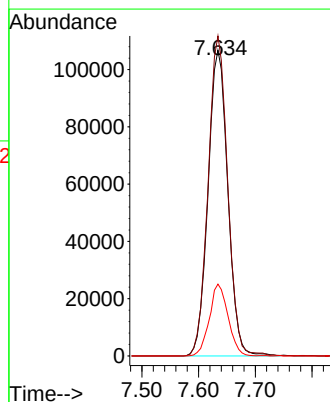
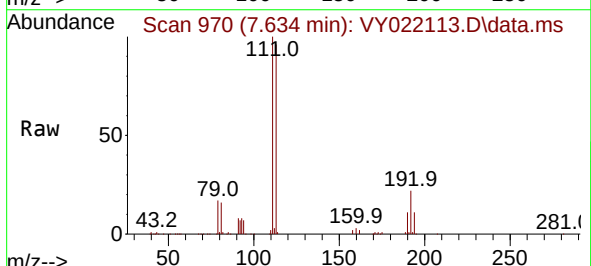
Tgt Ion:113 Resp: 258477

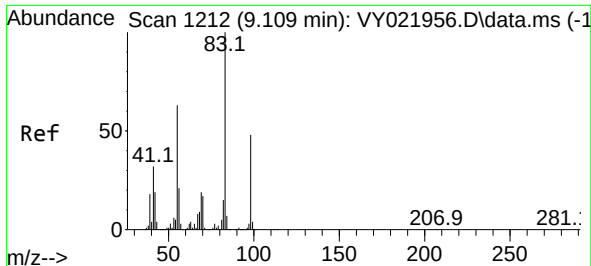
Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

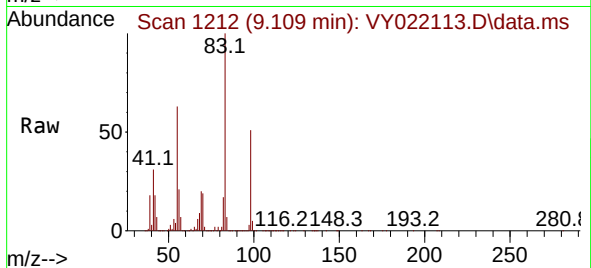
192 22.2 15.6 23.4





#39
Methylcyclohexane
Concen: 229.680 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

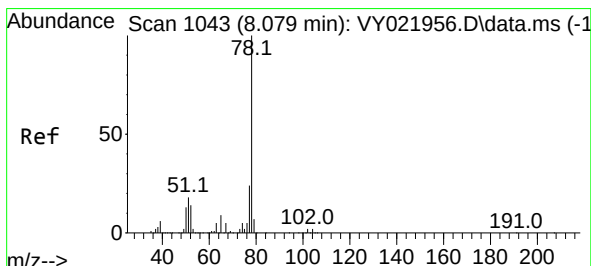
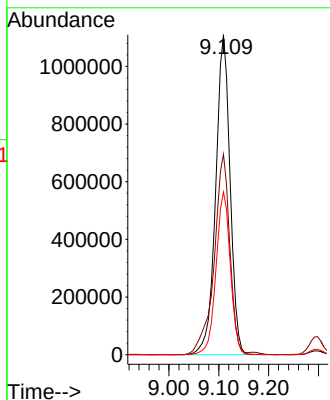
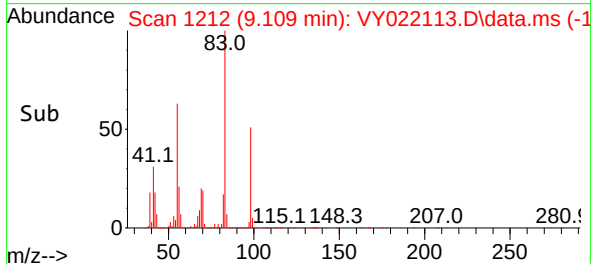
Instrument :
MSVOA_Y
ClientSampleId :
SS-6



Tgt Ion: 83 Resp: 222746
Ion Ratio Lower Upper
83 100
55 62.6 50.6 75.8
98 50.9 38.6 58.0

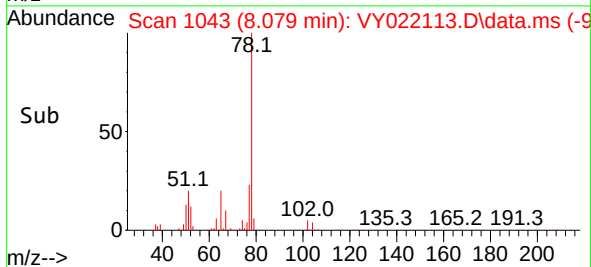
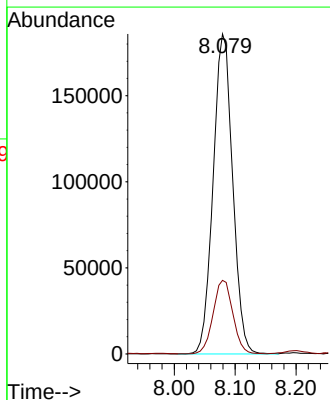
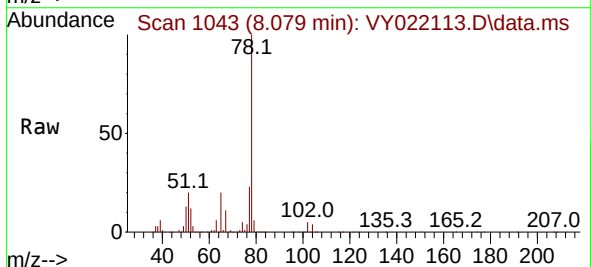
Manual Integrations
APPROVED

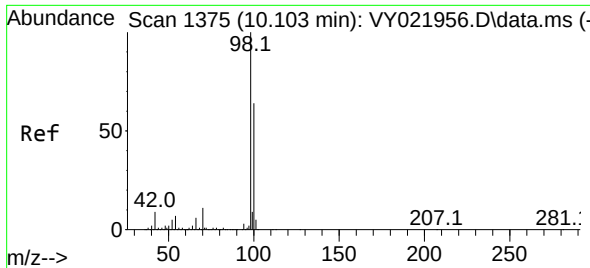
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

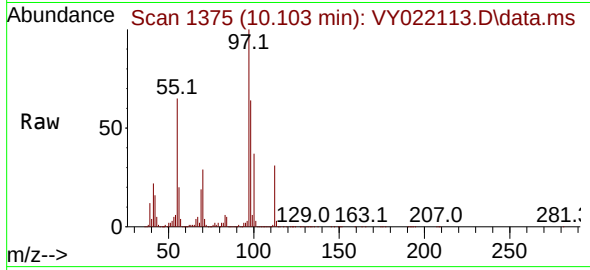
Tgt Ion: 78 Resp: 414079
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9





#50
Toluene-d8
Concen: 54.867 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

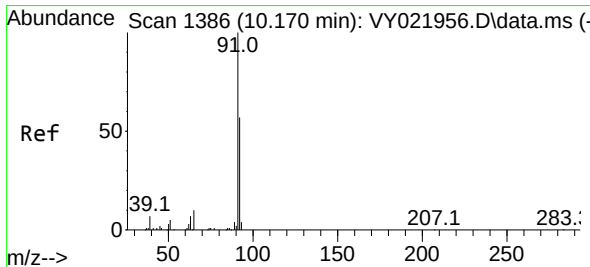
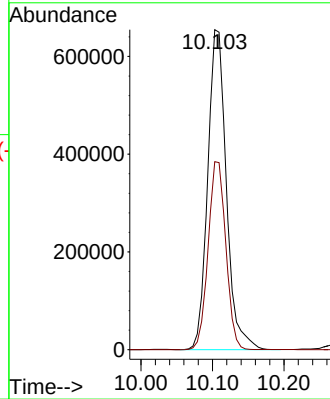
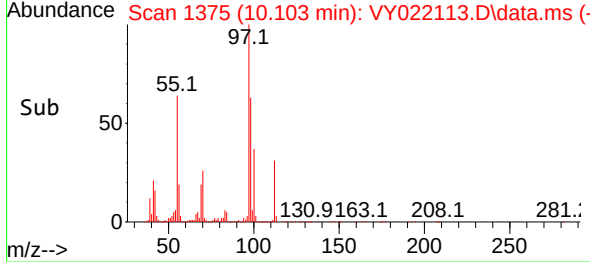
Instrument :
MSVOA_Y
ClientSampleId :
SS-6



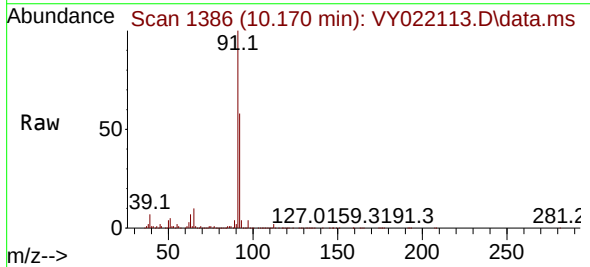
Tgt Ion: 98 Resp: 1186710
Ion Ratio Lower Upper
98 100
100 55.7 51.6 77.4

Manual Integrations
APPROVED

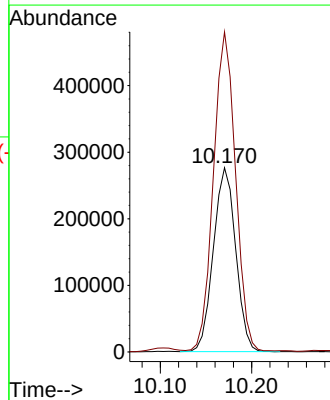
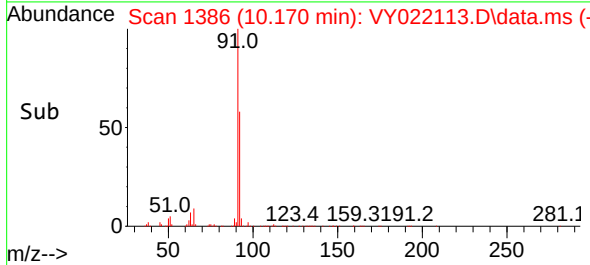
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

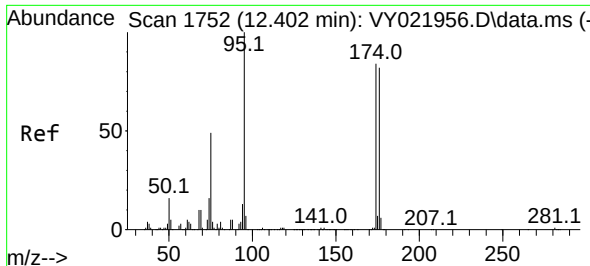


#52
Toluene
Concen: 30.024 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37



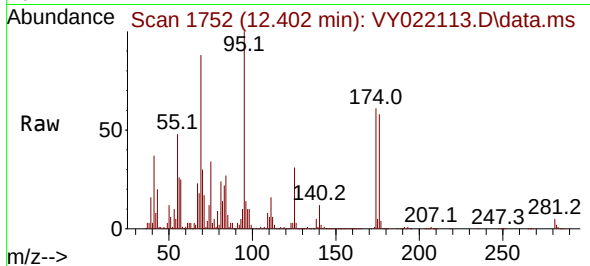
Tgt Ion: 92 Resp: 468185
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 54.305 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

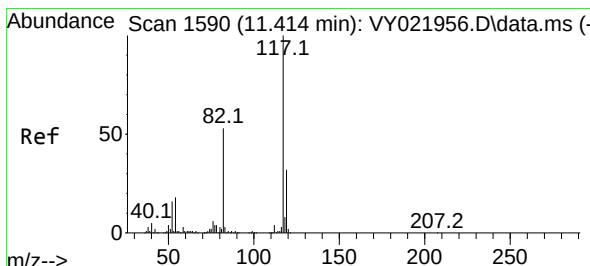
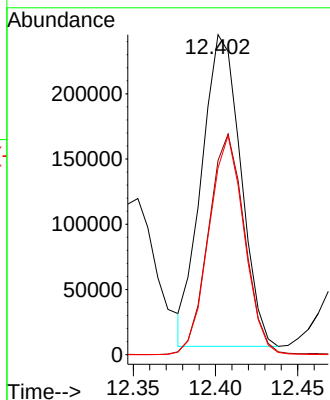
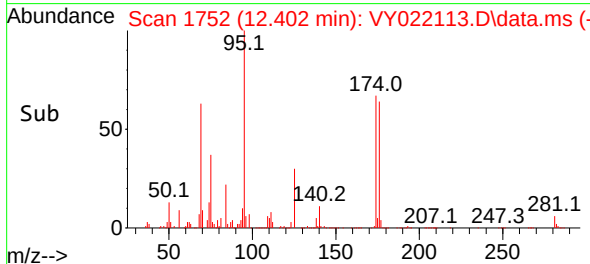
Instrument :
MSVOA_Y
ClientSampleId :
SS-6



Tgt Ion: 95 Resp: 39540
Ion Ratio Lower Upper
95 100
174 66.1 0.0 179.0
176 63.7 0.0 171.8

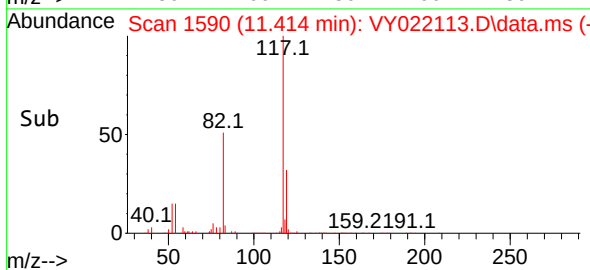
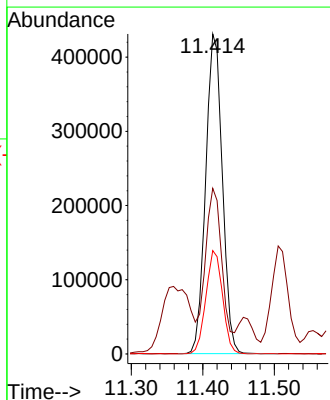
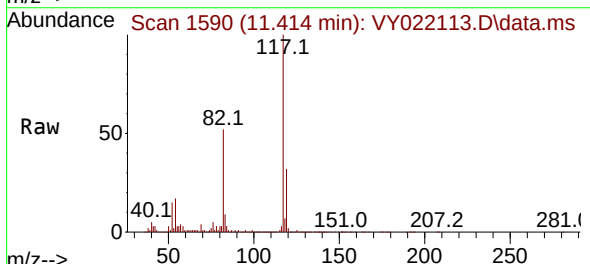
Manual Integrations
APPROVED

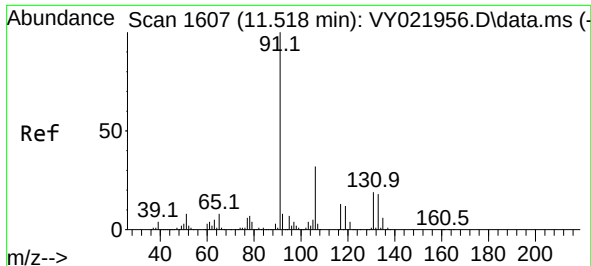
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

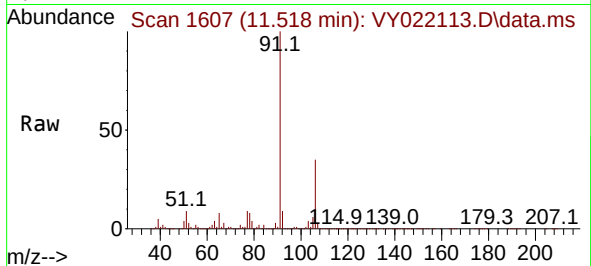
Tgt Ion:117 Resp: 697183
Ion Ratio Lower Upper
117 100
82 32.0 42.1 63.1#
119 32.3 25.7 38.5





#67
Ethyl Benzene
Concen: 339.345 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

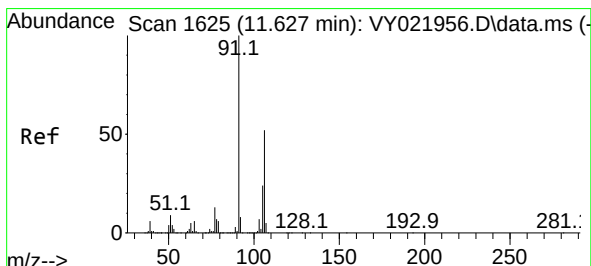
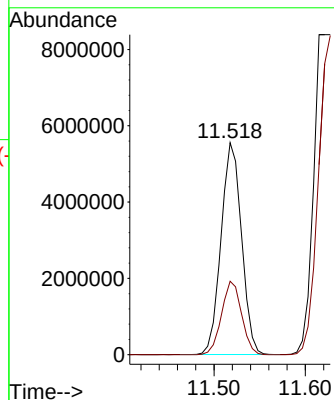
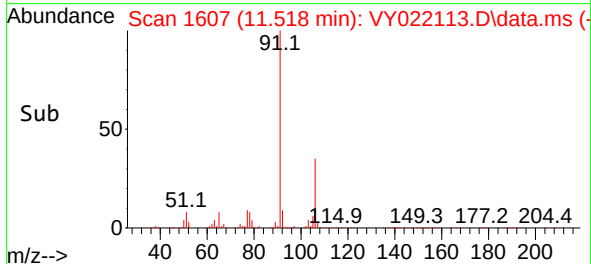
Instrument :
MSVOA_Y
ClientSampleId :
SS-6



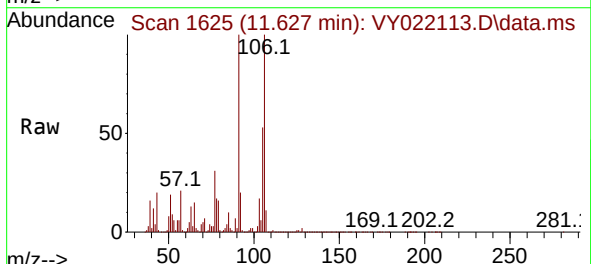
Tgt Ion: 91 Resp: 8654664
Ion Ratio Lower Upper
91 100
106 34.6 25.9 38.9

Manual Integrations
APPROVED

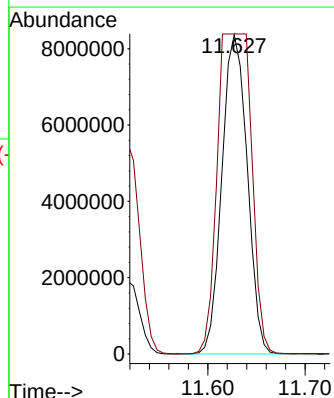
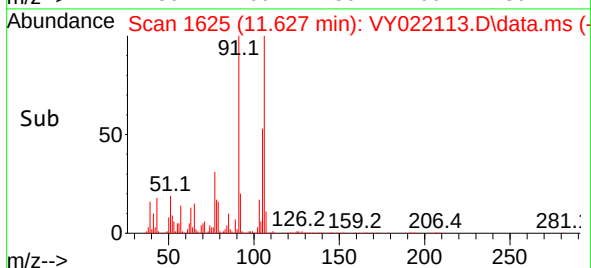
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

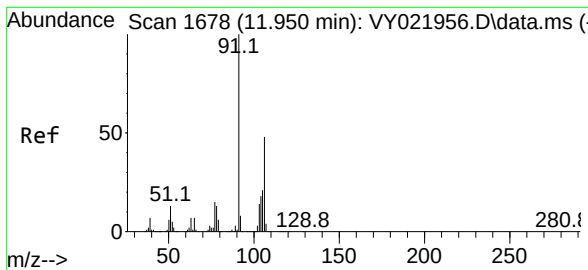


#68
m/p-Xylenes
Concen: 1485.716 ug/l m
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37



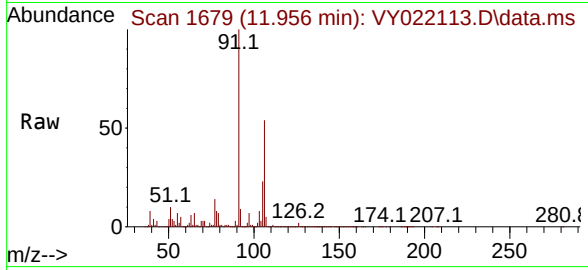
Tgt Ion:106 Resp:15077975
Ion Ratio Lower Upper
106 100
91 0.0 156.2 234.2#





#69
o-Xylene
Concen: 611.843 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

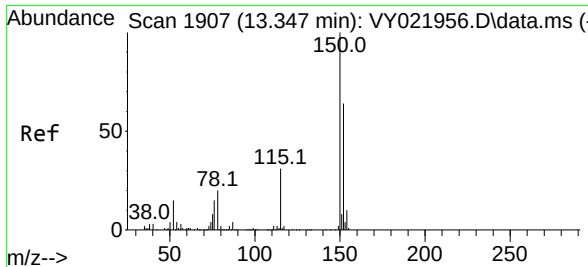
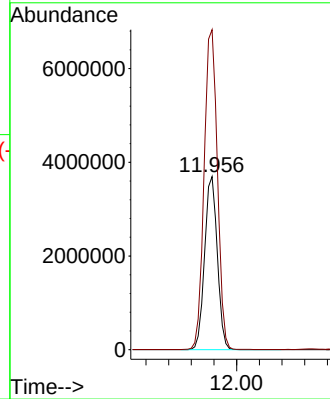
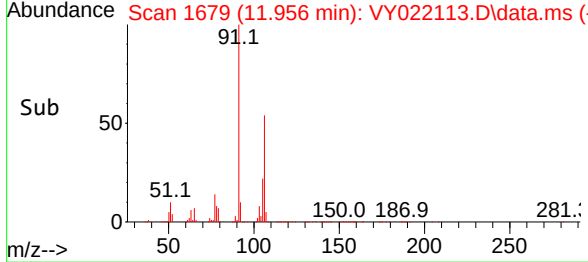
Instrument :
MSVOA_Y
ClientSampleId :
SS-6



Tgt Ion:106 Resp: 5723088
Ion Ratio Lower Upper
106 100
91 194.0 103.0 308.9

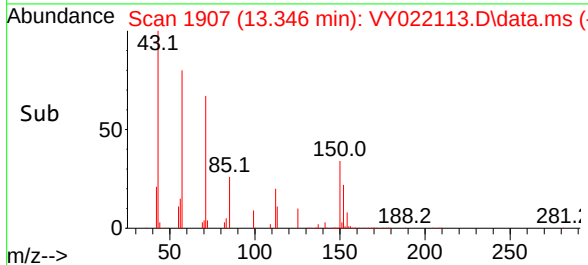
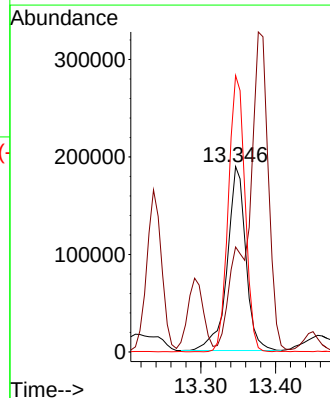
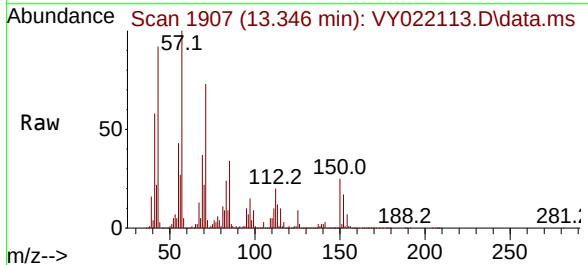
Manual Integrations
APPROVED

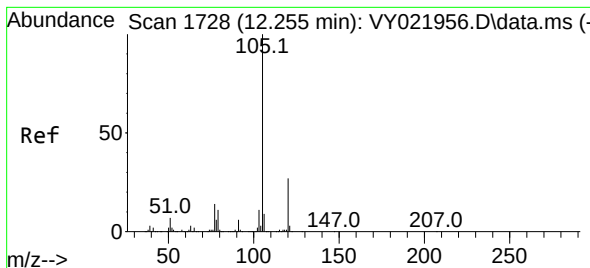
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

Tgt Ion:152 Resp: 327199
Ion Ratio Lower Upper
152 100
115 0.0 28.0 84.0#
150 134.3 0.0 345.6





#73

Isopropylbenzene

Concen: 100.563 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

SS-6

Tgt Ion:105 Resp: 2198348

Ion Ratio Lower Upper

105 100

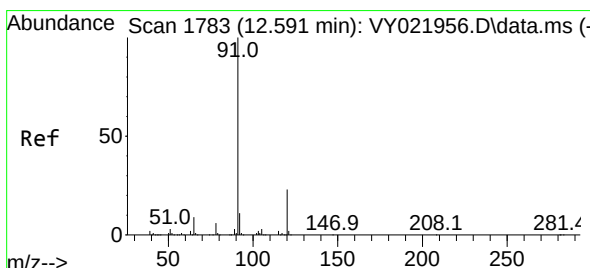
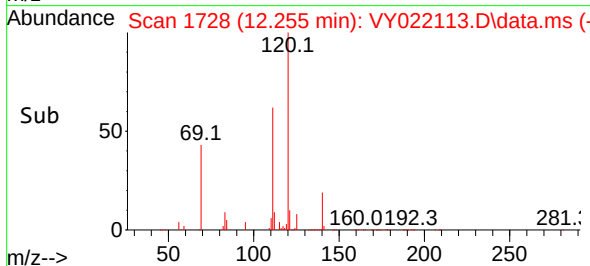
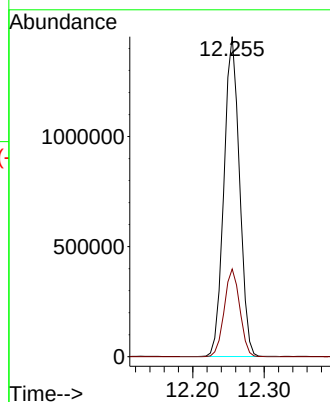
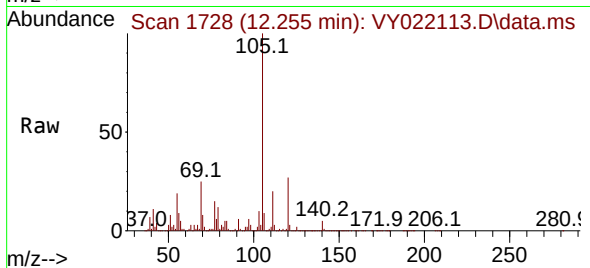
120 27.3 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#78

n-propylbenzene

Concen: 258.375 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022113.D

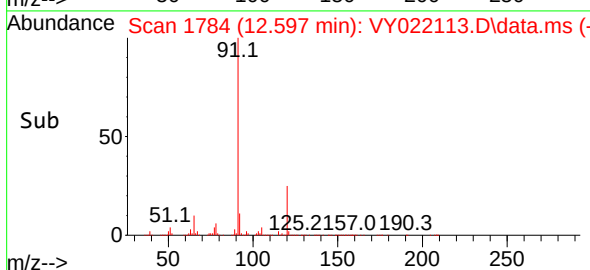
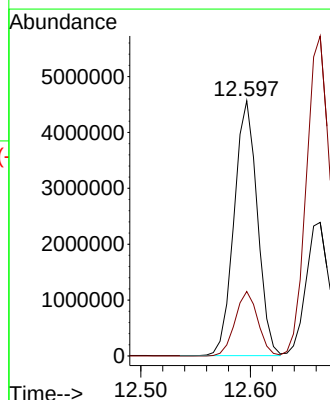
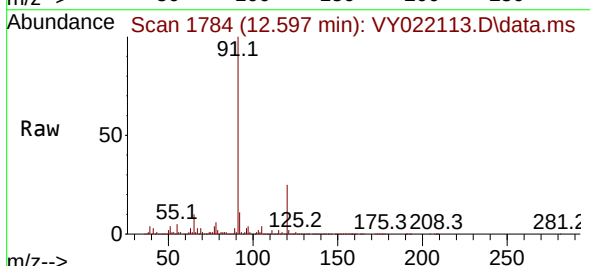
Acq: 01 May 2025 17:37

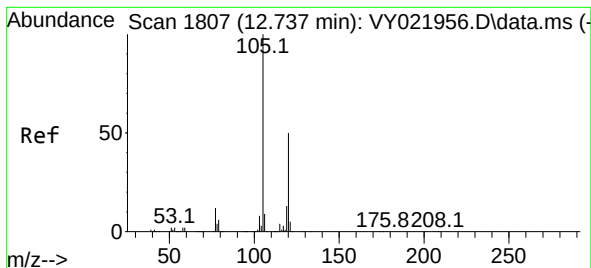
Tgt Ion: 91 Resp: 6726321

Ion Ratio Lower Upper

91 100

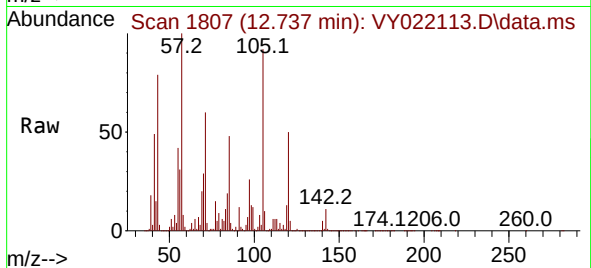
120 24.7 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 619.494 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

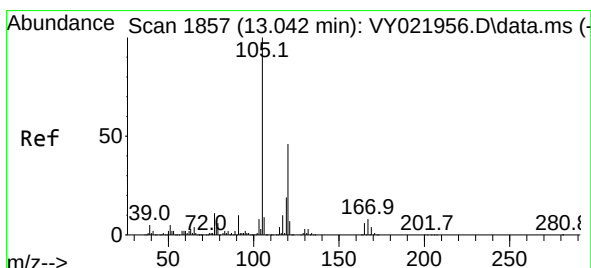
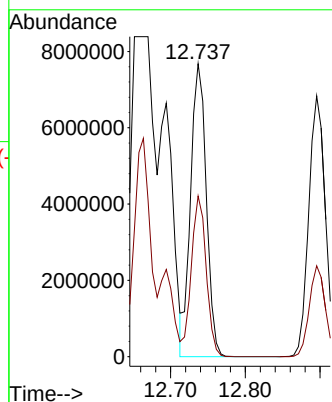
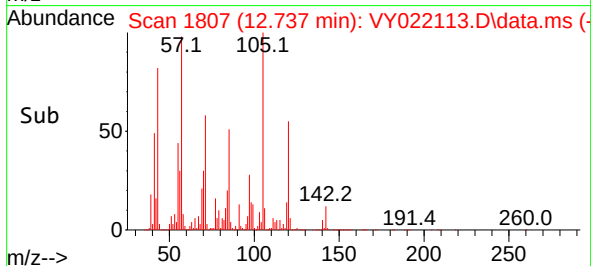
Instrument :
MSVOA_Y
ClientSampleId :
SS-6



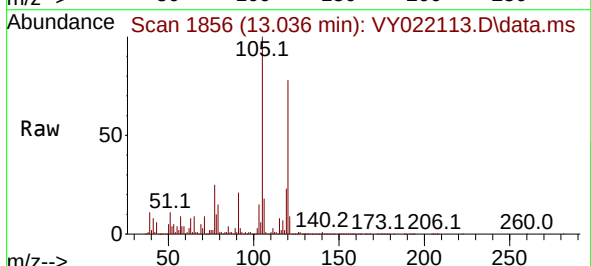
Tgt Ion:105 Resp:1115817
Ion Ratio Lower Upper
105 100
120 52.3 25.0 75.0

Manual Integrations
APPROVED

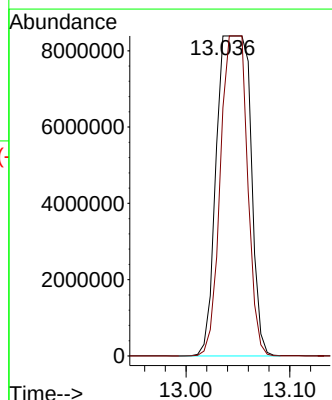
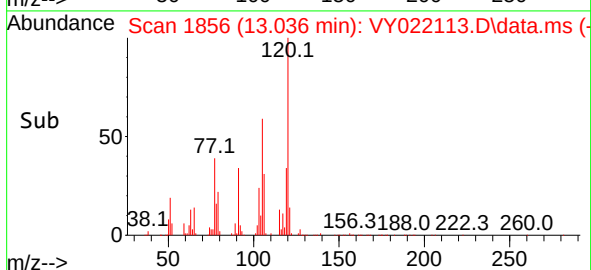
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

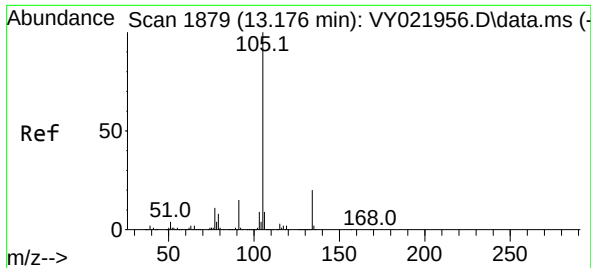


#84
1,2,4-Trimethylbenzene
Concen: 1058.421 ug/l m
RT: 13.036 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37



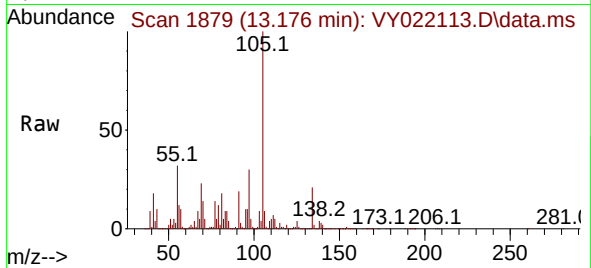
Tgt Ion:105 Resp:19068394
Ion Ratio Lower Upper
105 100
120 18.3 23.4 70.0#





#85
 sec-Butylbenzene
 Concen: 101.092 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022113.D
 Acq: 01 May 2025 17:37

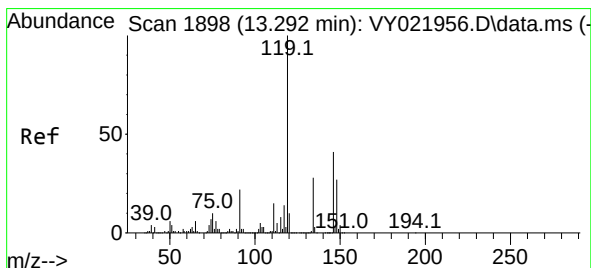
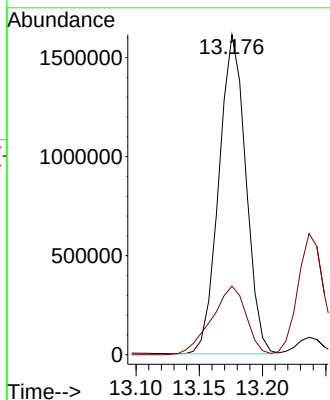
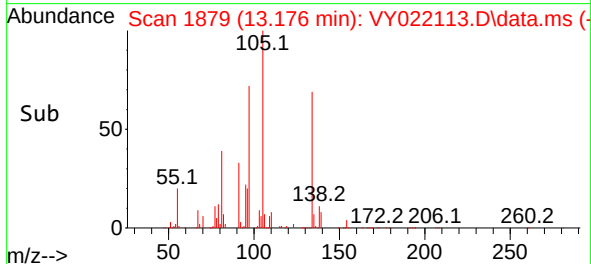
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-6



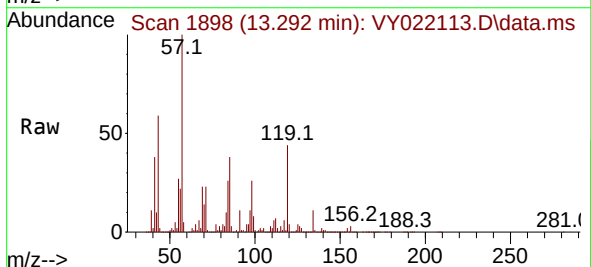
Tgt Ion:105 Resp: 238961
 Ion Ratio Lower Upper
 105 100
 134 27.5 10.3 30.9

Manual Integrations
 APPROVED

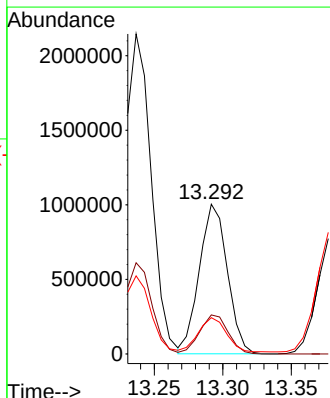
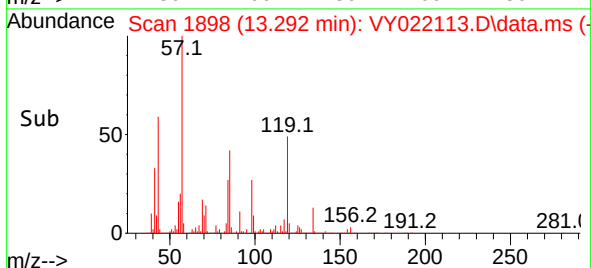
Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025

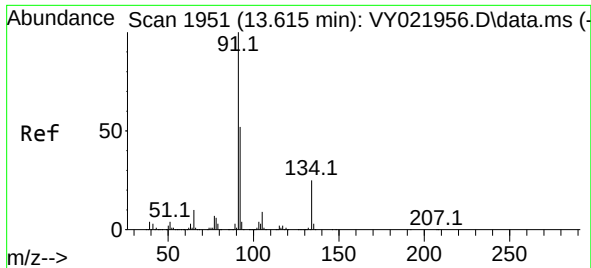


#86
 p-Isopropyltoluene
 Concen: 71.260 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022113.D
 Acq: 01 May 2025 17:37



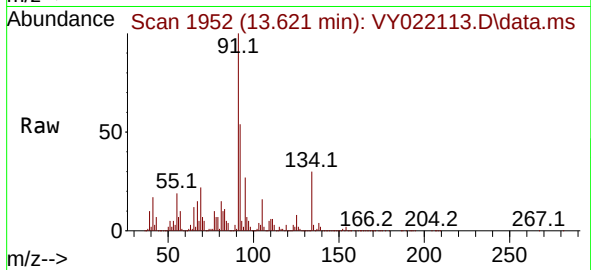
Tgt Ion:119 Resp: 1430344
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 22.5 11.0 33.0





#89
n-Butylbenzene
Concen: 142.108 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

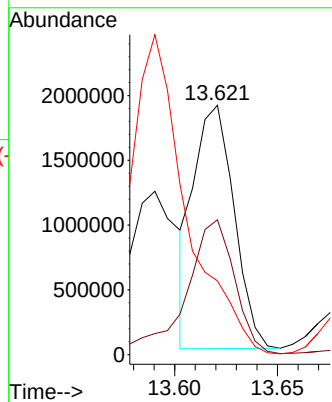
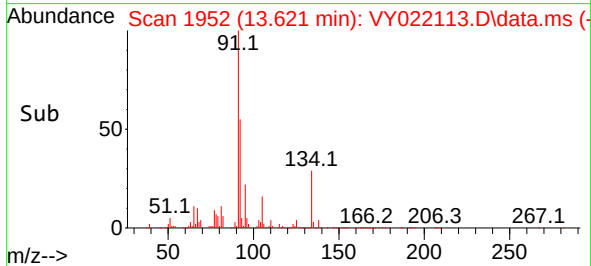
Instrument :
MSVOA_Y
ClientSampleId :
SS-6



Tgt Ion: 91 Resp: 2549592
Ion Ratio Lower Upper
91 100
92 66.7 26.5 79.5
134 0.0 13.4 40.1

Manual Integrations
APPROVED

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



Report of Analysis

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

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

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

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-6ME

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

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

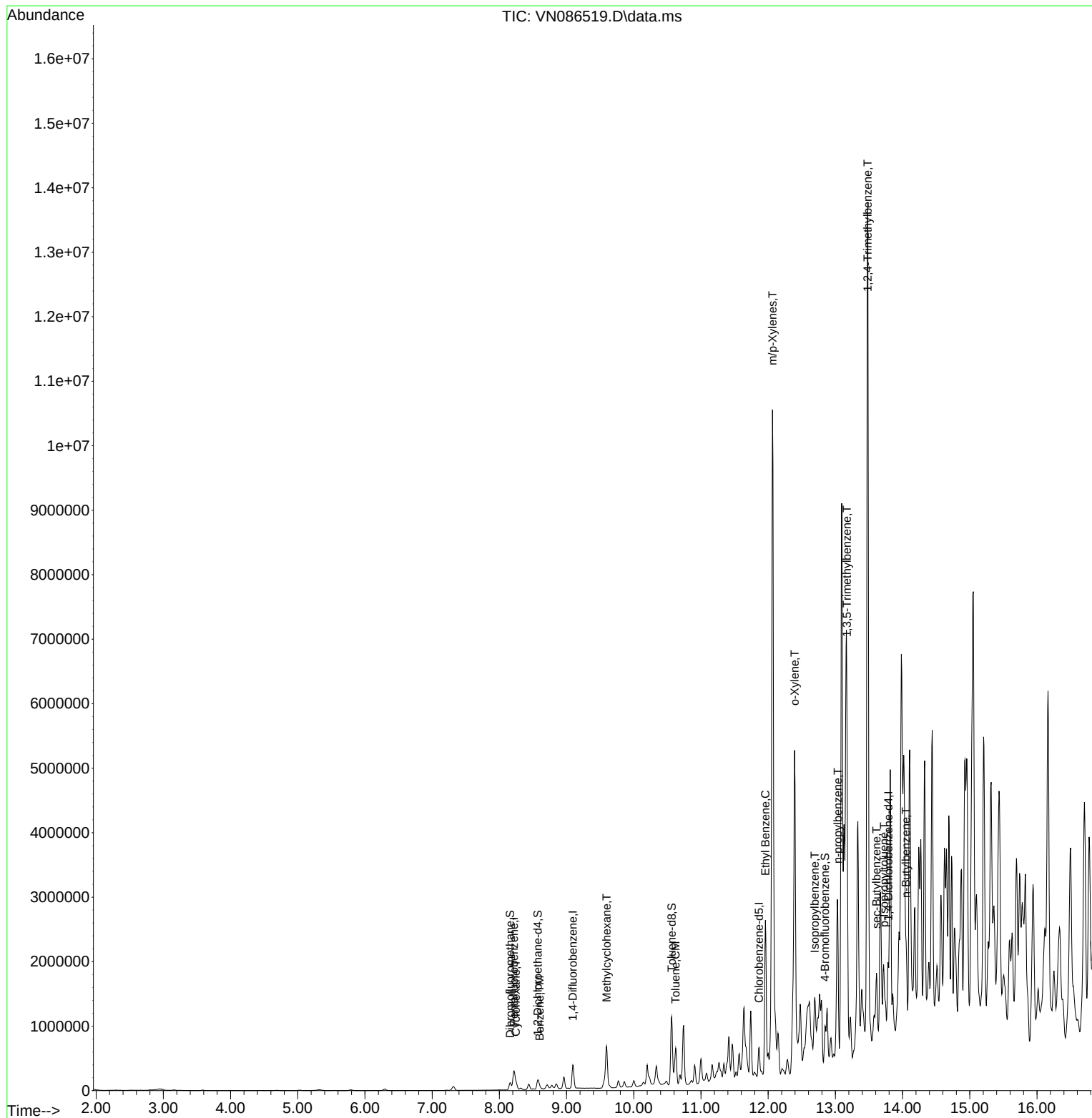
Internal Standards						
1) Pentafluorobenzene	8.218	168	172187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	322534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4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

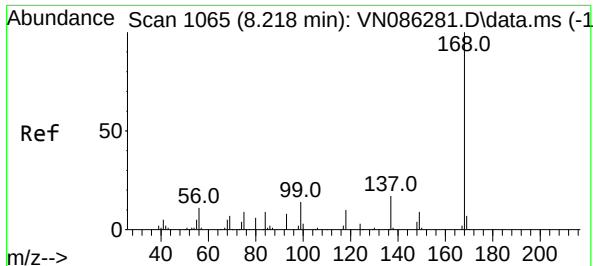
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

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

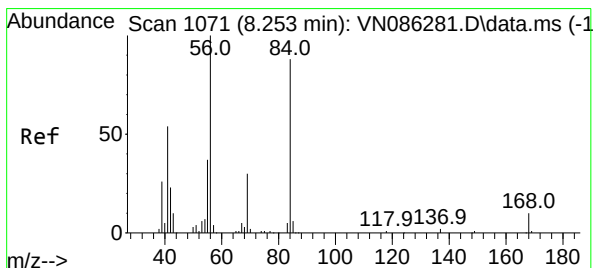
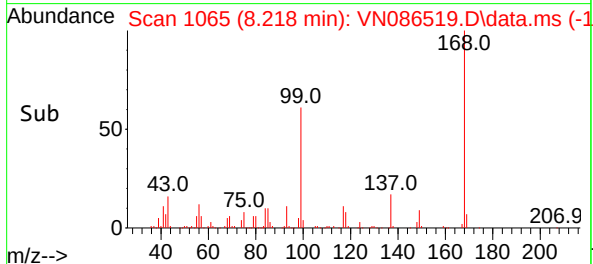
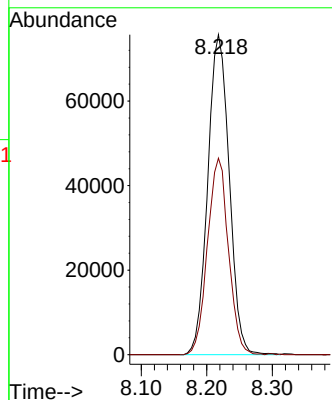
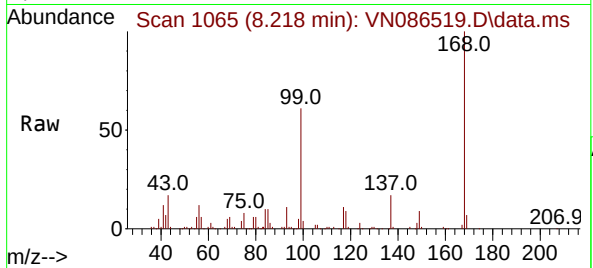




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

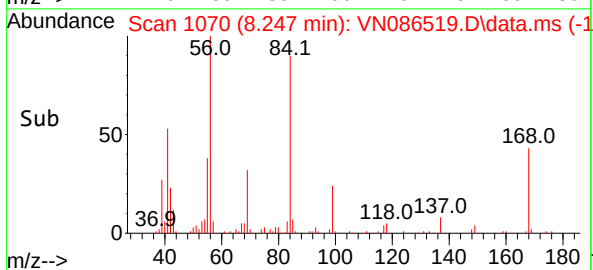
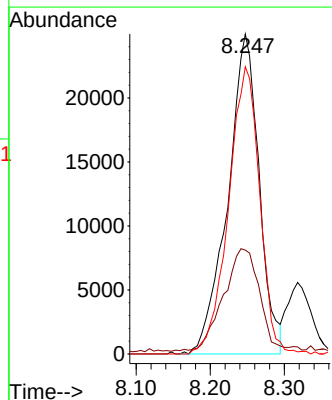
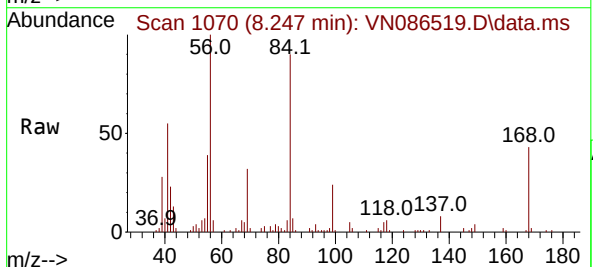
Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

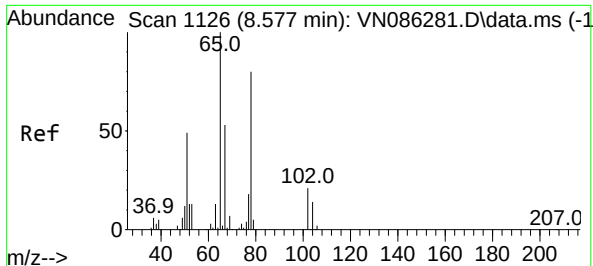
Tgt Ion:168 Resp: 172187
Ion Ratio Lower Upper
168 100
99 61.4 52.5 78.7



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

Tgt Ion: 56 Resp: 73527
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.2
84 89.7 70.3 105.5





#33

1,2-Dichloroethane-d4

Concen: 47.042 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086519.D

Acq: 06 May 2025 16:59

Instrument :

MSVOA_N

ClientSampleId :

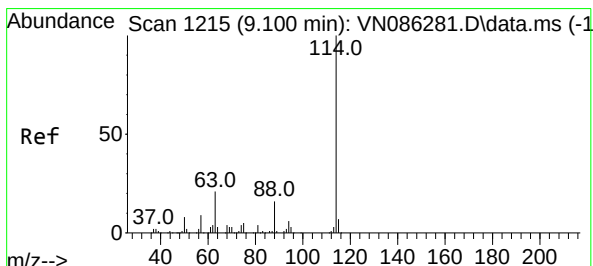
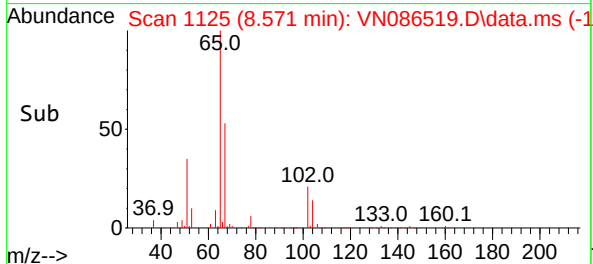
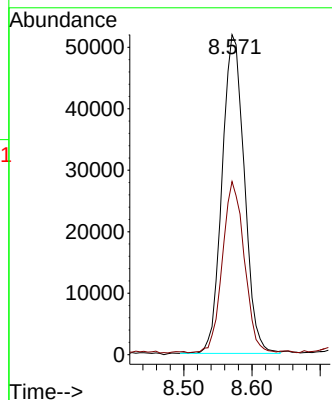
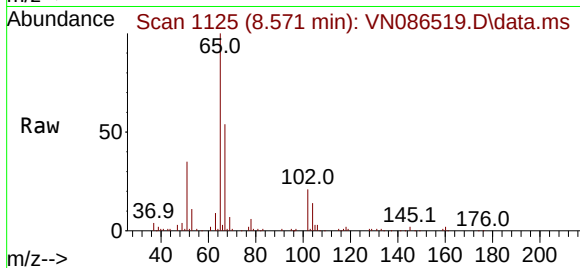
SS-6ME

Tgt Ion: 65 Resp: 117457

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086519.D

Acq: 06 May 2025 16:59

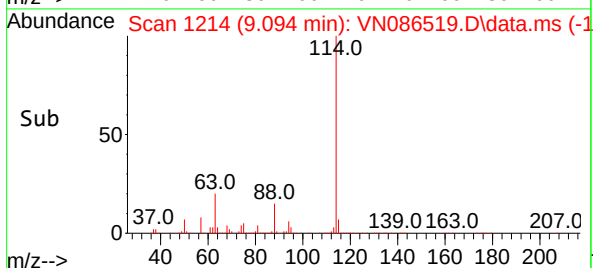
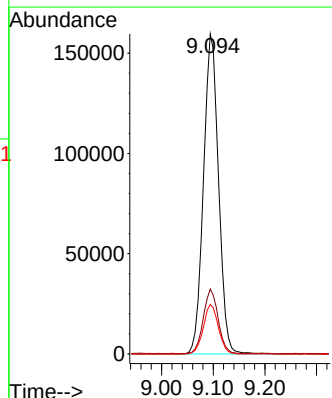
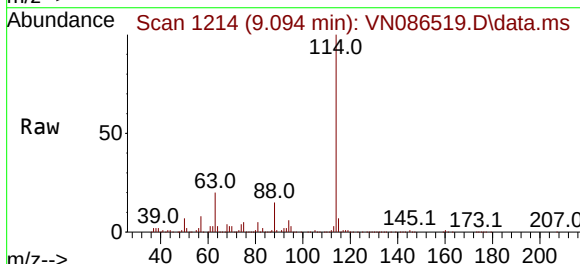
Tgt Ion: 114 Resp: 322534

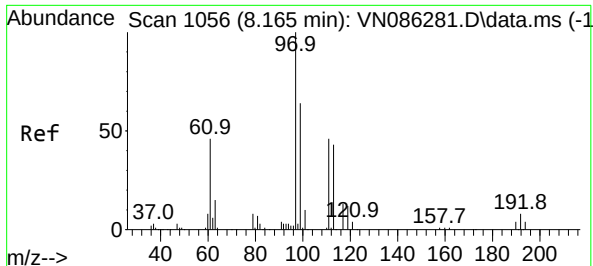
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.442 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086519.D

Acq: 06 May 2025 16:59

Instrument :

MSVOA_N

ClientSampleId :

SS-6ME

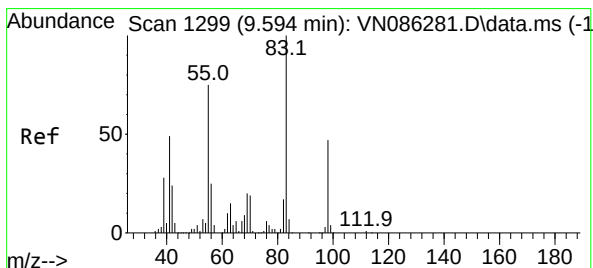
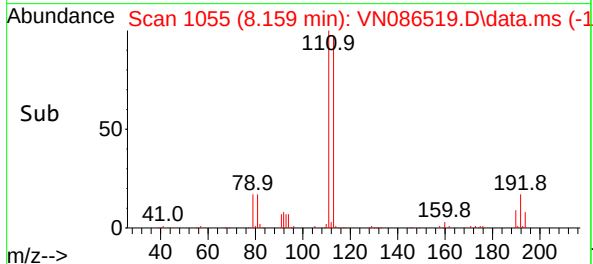
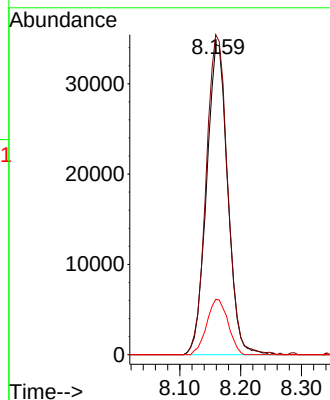
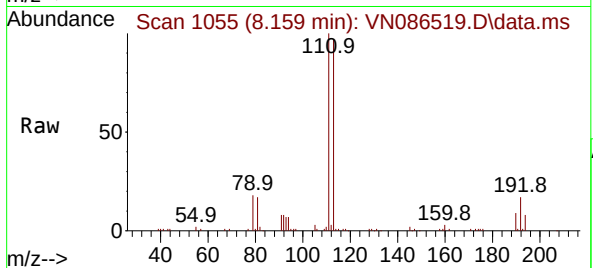
Tgt Ion:113 Resp: 82992

Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.0

192 17.9 13.7 20.5



#39

Methylcyclohexane

Concen: 83.451 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN086519.D

Acq: 06 May 2025 16:59

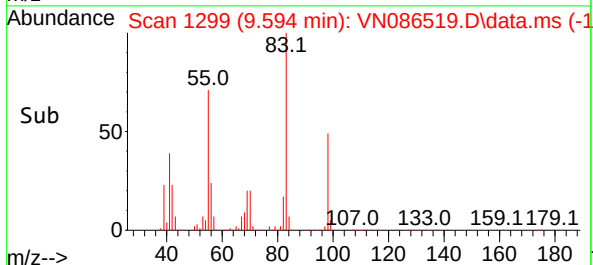
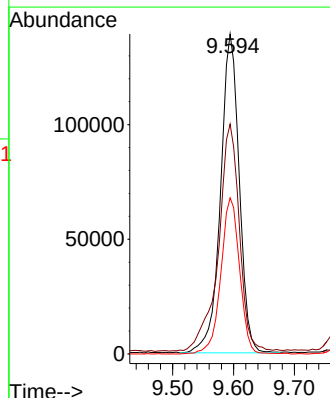
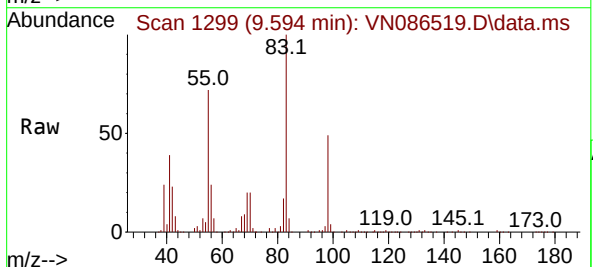
Tgt Ion: 83 Resp: 296564

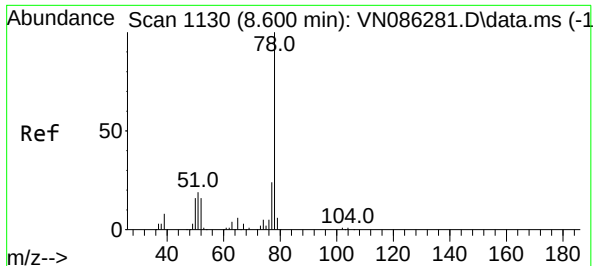
Ion Ratio Lower Upper

83 100

55 71.0 59.8 89.8

98 49.0 37.9 56.9

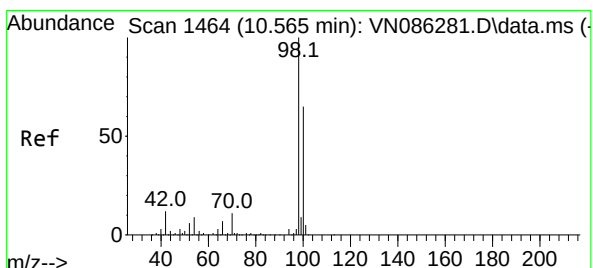
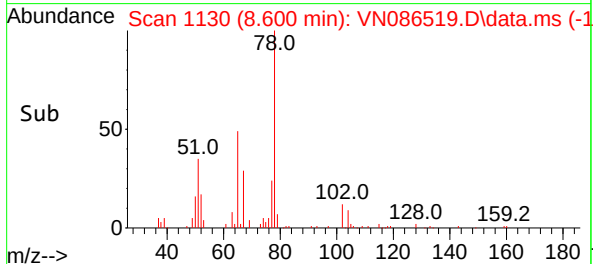
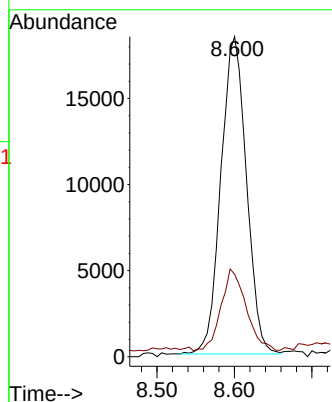
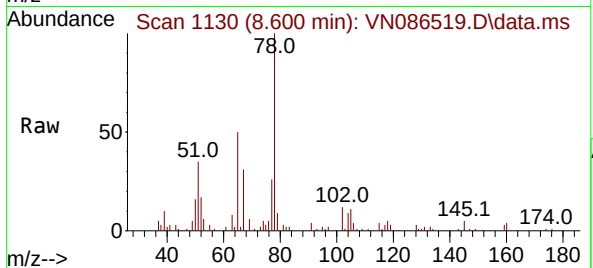




#40
Benzene
Concen: 4.415 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

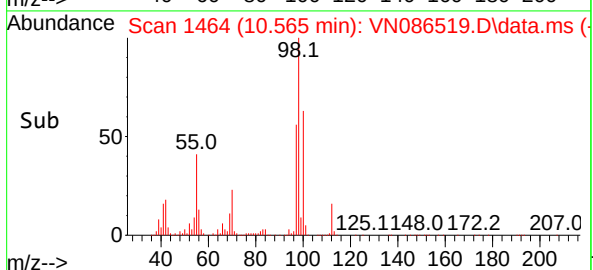
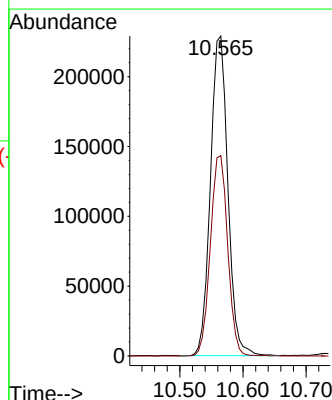
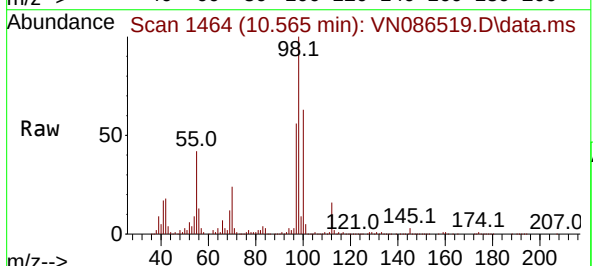
Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

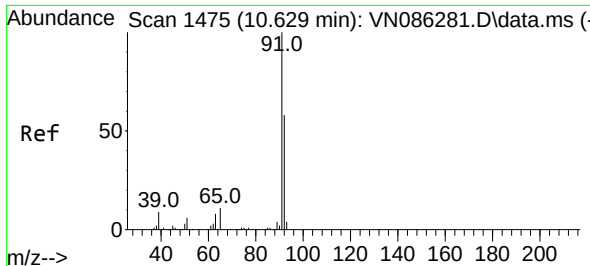
Tgt Ion: 78 Resp: 42296
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.2



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

Tgt Ion: 98 Resp: 439219
Ion Ratio Lower Upper
98 100
100 62.3 52.5 78.7

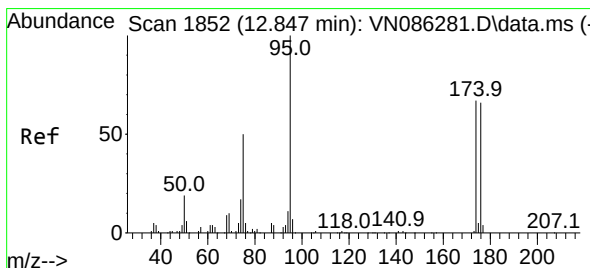
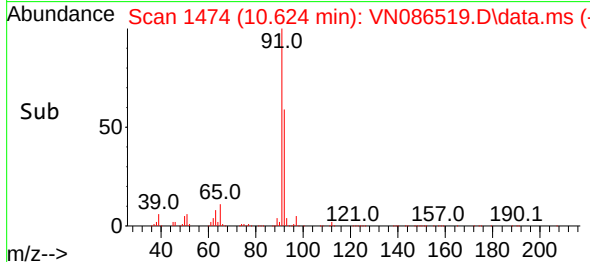
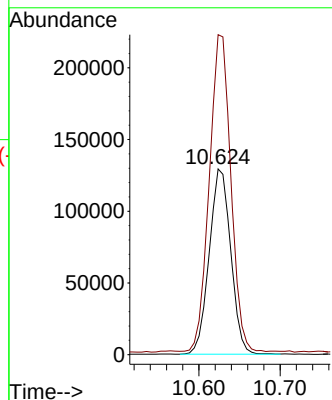
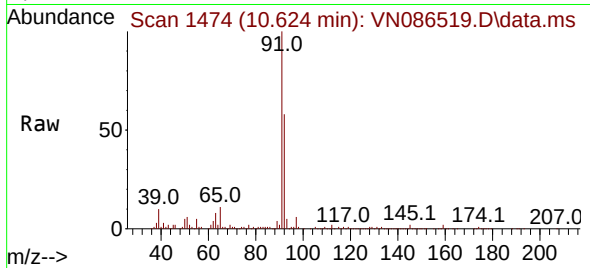




#52
Toluene
Concen: 39.797 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

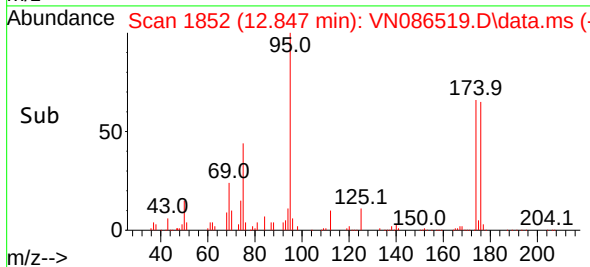
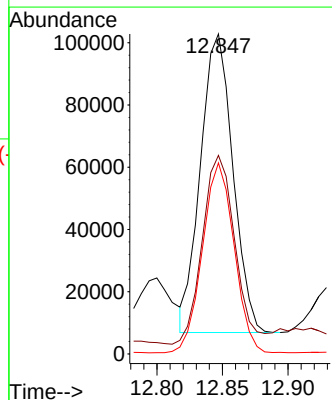
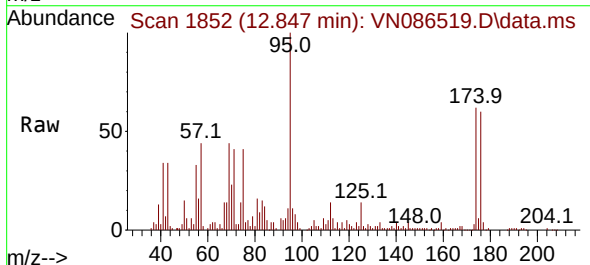
Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

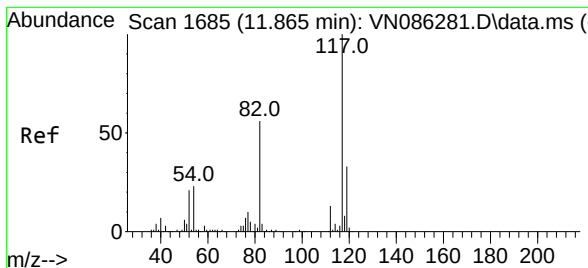
Tgt Ion: 92 Resp: 237878
Ion Ratio Lower Upper
92 100
91 172.2 137.3 205.9



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

Tgt Ion: 95 Resp: 164685
Ion Ratio Lower Upper
95 100
174 63.5 0.0 133.4
176 62.2 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086519.D

Acq: 06 May 2025 16:59

Instrument :

MSVOA_N

ClientSampleId :

SS-6ME

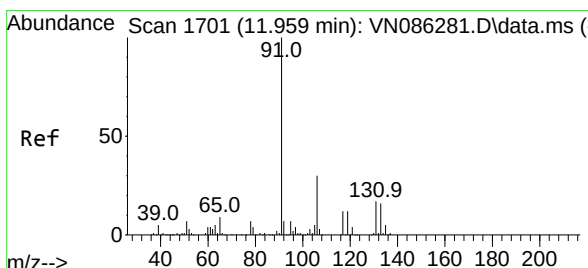
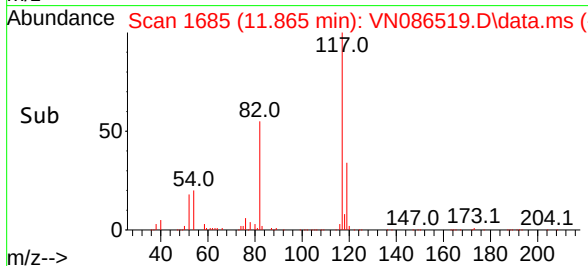
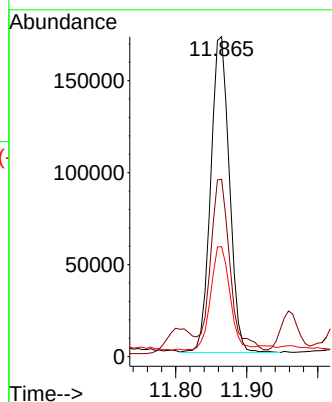
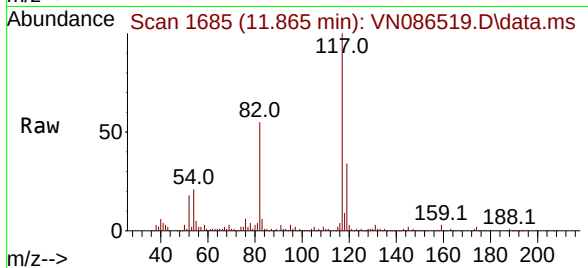
Tgt Ion:117 Resp: 313788

Ion Ratio Lower Upper

117 100

82 47.6 44.7 67.1

119 32.4 26.4 39.6



#67

Ethyl Benzene

Concen: 133.903 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN086519.D

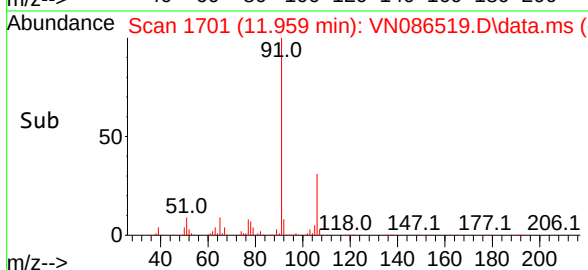
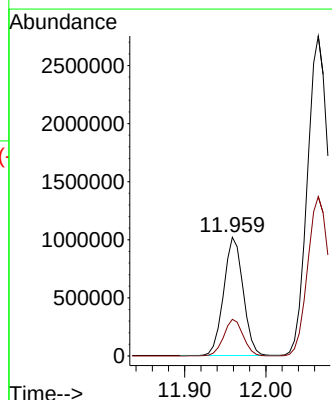
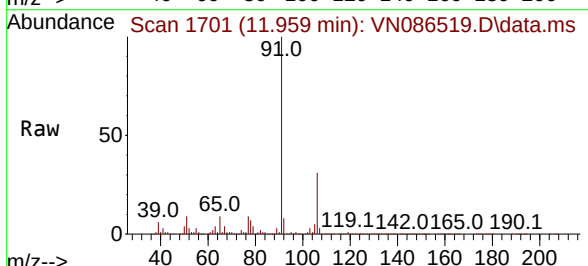
Acq: 06 May 2025 16:59

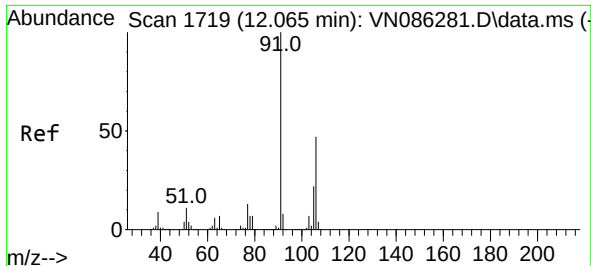
Tgt Ion: 91 Resp: 1692072

Ion Ratio Lower Upper

91 100

106 30.9 24.3 36.5

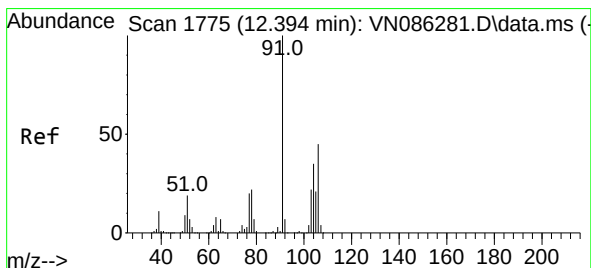
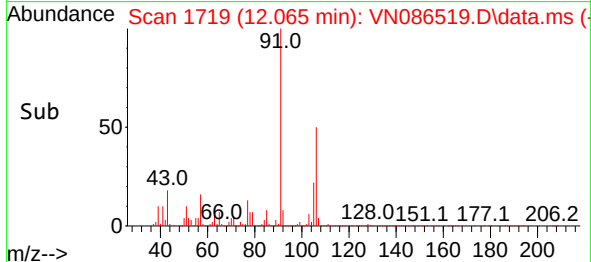
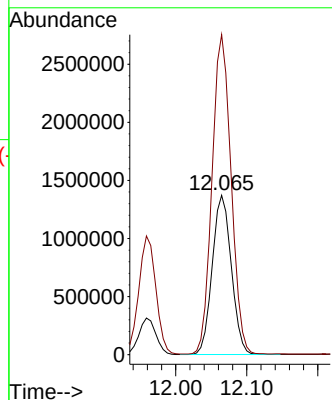
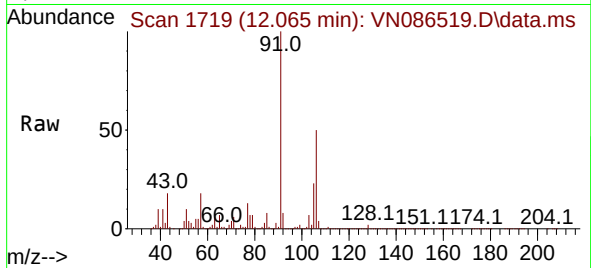




#68
m/p-Xylenes
Concen: 539.524 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

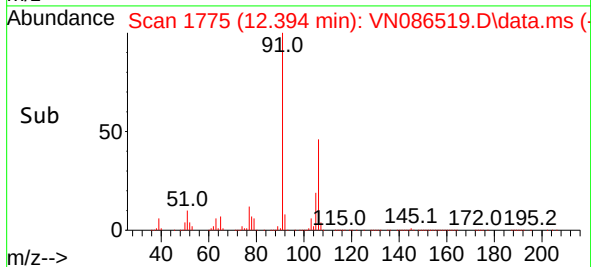
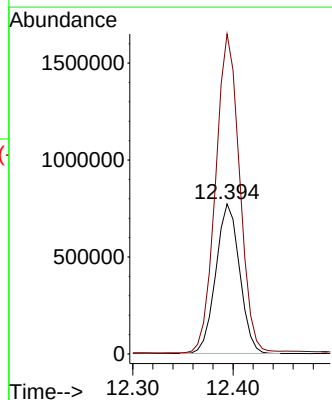
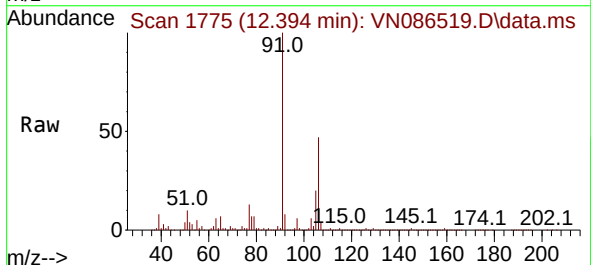
Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

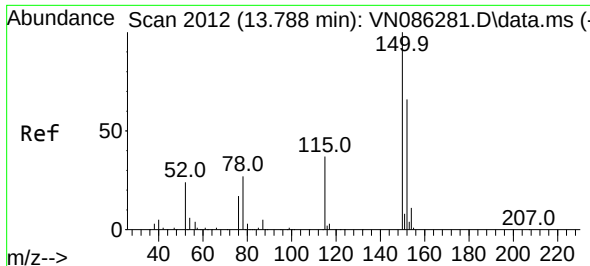
Tgt Ion:106 Resp: 2554571
Ion Ratio Lower Upper
106 100
91 200.0 166.5 249.7



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

Tgt Ion:106 Resp: 1269875
Ion Ratio Lower Upper
106 100
91 218.0 109.7 329.0

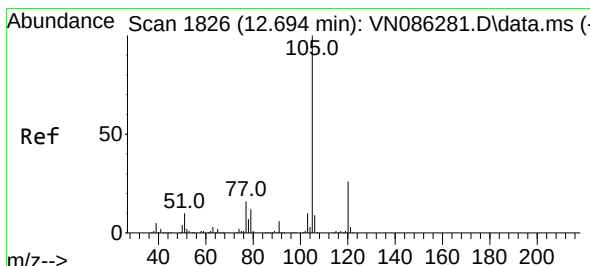
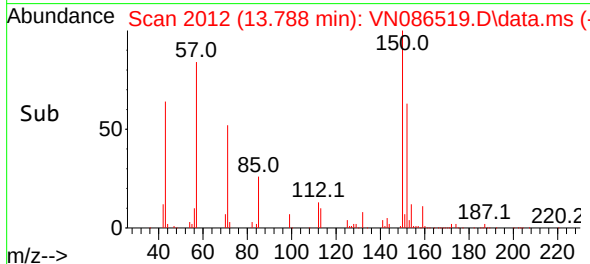
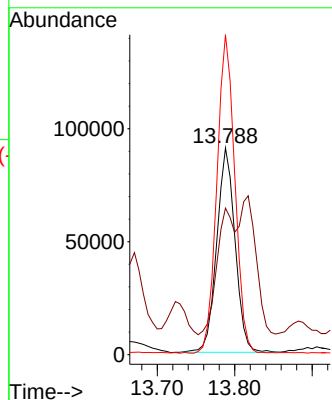
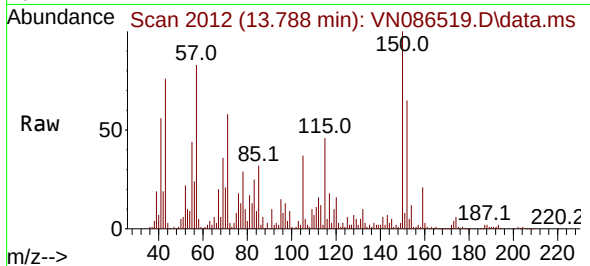




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086519.D
 Acq: 06 May 2025 16:59

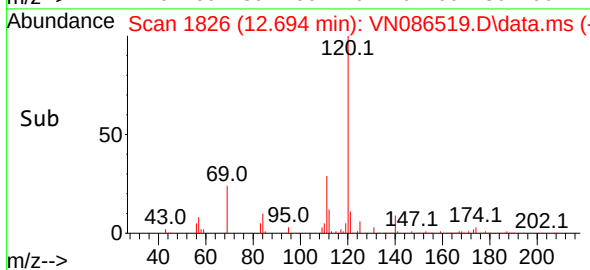
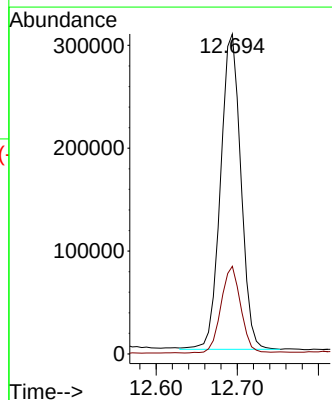
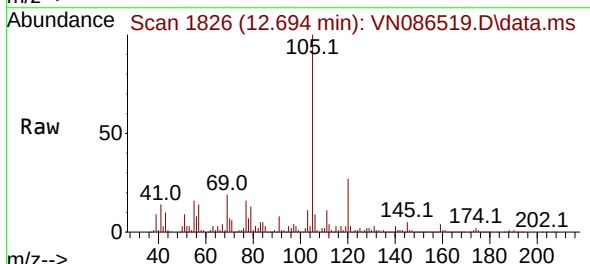
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-6ME

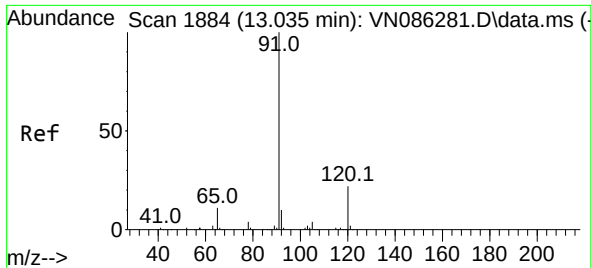
Tgt Ion:152 Resp: 148688
 Ion Ratio Lower Upper
 152 100
 115 59.1 31.9 95.9
 150 152.2 0.0 352.0



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

Tgt Ion:105 Resp: 534249
 Ion Ratio Lower Upper
 105 100
 120 26.6 13.1 39.3

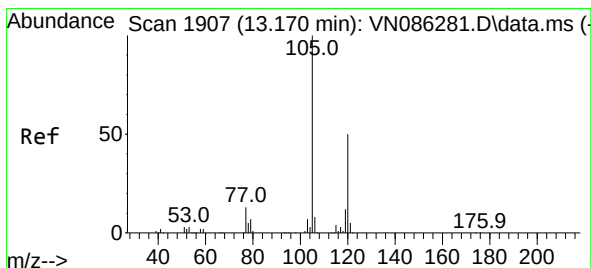
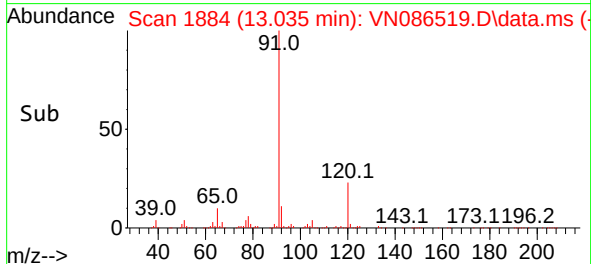
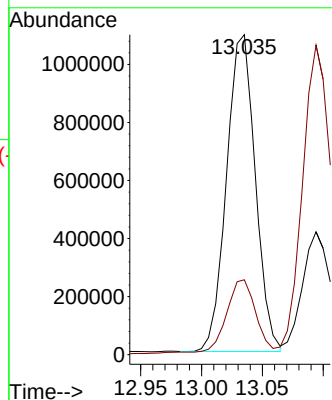
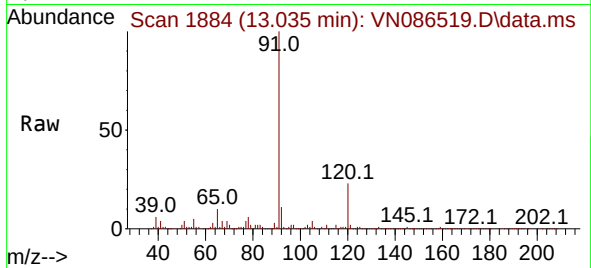




#78
n-propylbenzene
Concen: 125.285 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

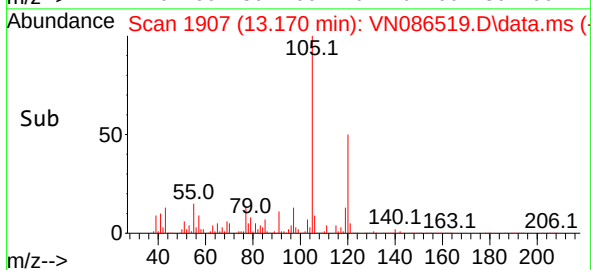
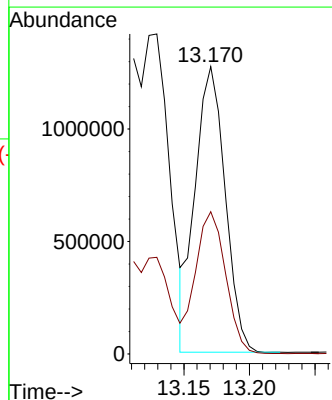
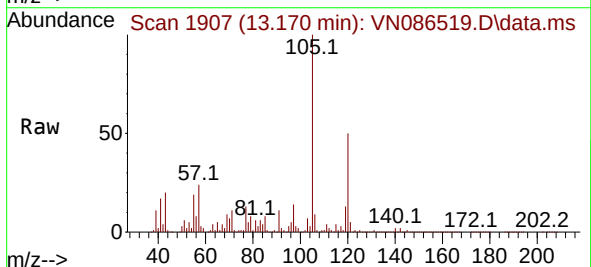
Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

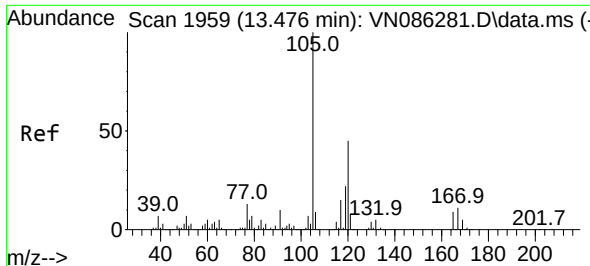
Tgt Ion: 91 Resp: 1795650
Ion Ratio Lower Upper
91 100
120 25.1 11.1 33.3



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

Tgt Ion:105 Resp: 2021306
Ion Ratio Lower Upper
105 100
120 50.1 24.5 73.5

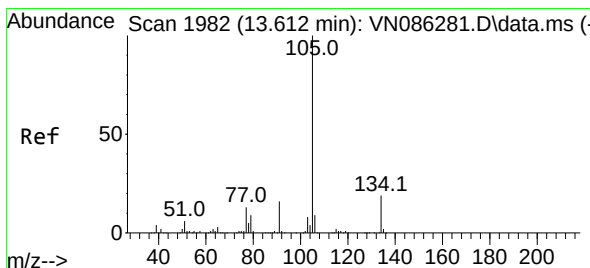
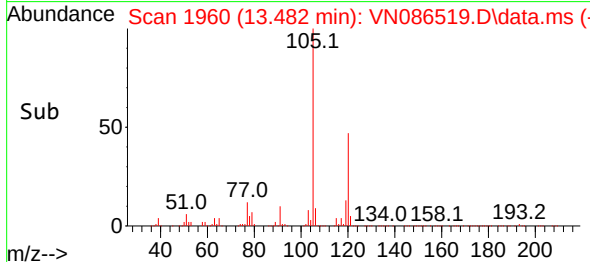
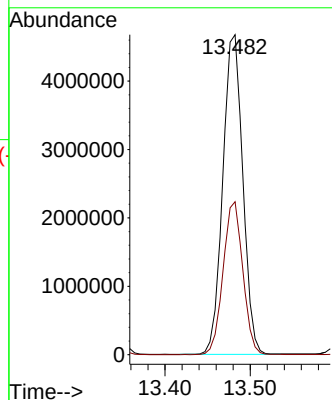
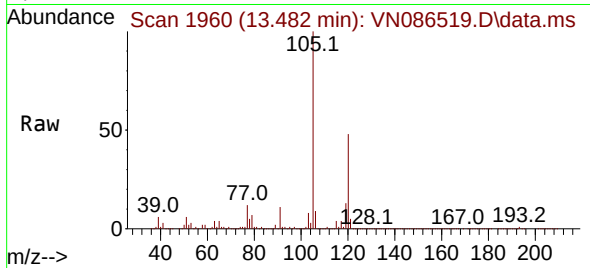




#84
1,2,4-Trimethylbenzene
Concen: 750.921 ug/l
RT: 13.482 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

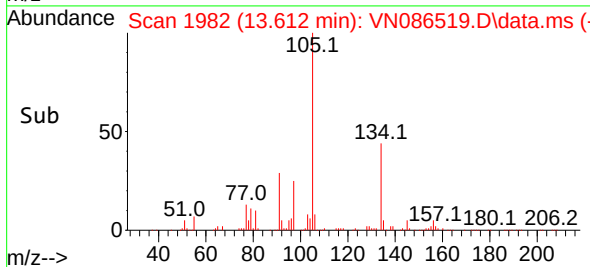
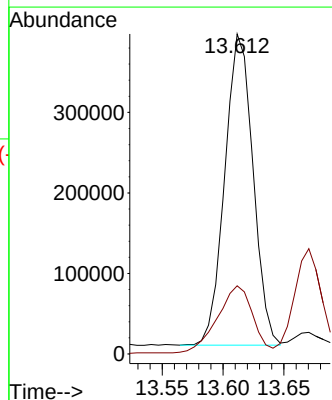
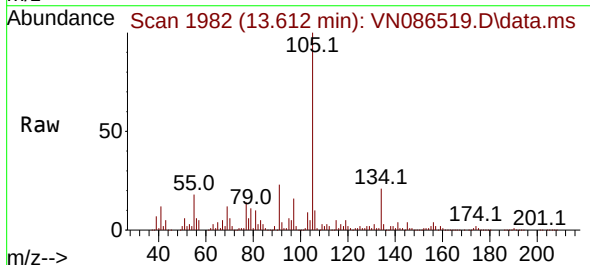
Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

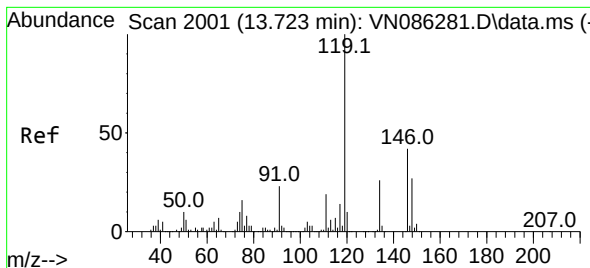
Tgt Ion:105 Resp: 7609323
Ion Ratio Lower Upper
105 100
120 47.2 22.4 67.3



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

Tgt Ion:105 Resp: 623822
Ion Ratio Lower Upper
105 100
134 26.8 9.7 29.1





#86

p-Isopropyltoluene

Concen: 36.517 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086519.D

Acq: 06 May 2025 16:59

Instrument :

MSVOA_N

ClientSampleId :

SS-6ME

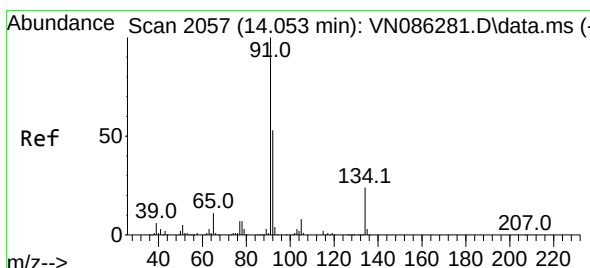
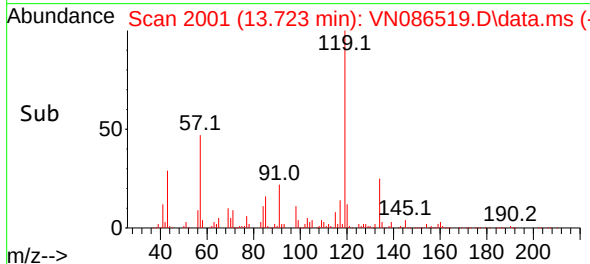
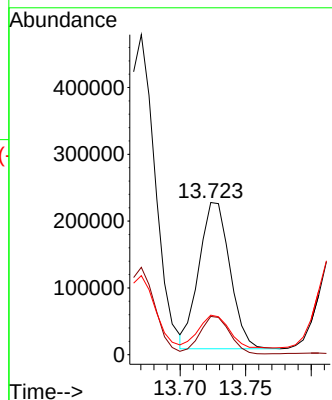
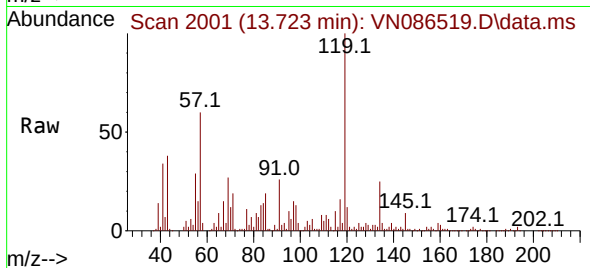
Tgt Ion:119 Resp: 360128

Ion Ratio Lower Upper

119 100

134 24.6 13.1 39.1

91 22.0 11.9 35.9



#89

n-Butylbenzene

Concen: 89.563 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086519.D

Acq: 06 May 2025 16:59

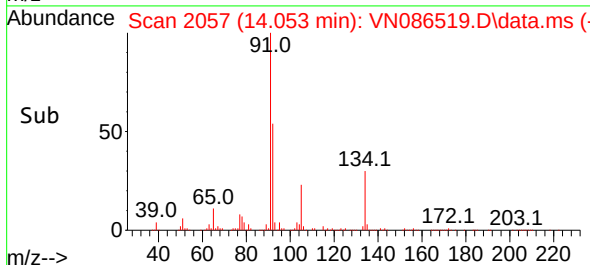
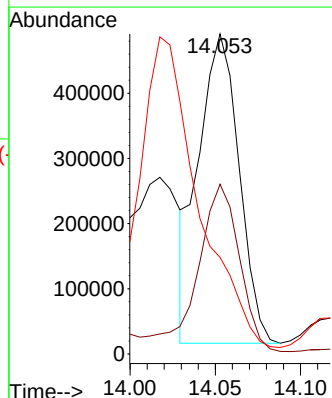
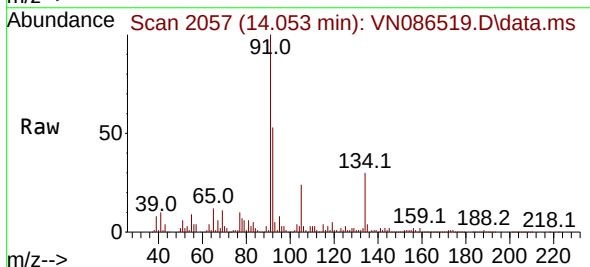
Tgt Ion: 91 Resp: 782899

Ion Ratio Lower Upper

91 100

92 55.5 26.8 80.4

134 0.0 12.2 36.6#



Report of Analysis

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

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

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

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-6MEDL

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

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

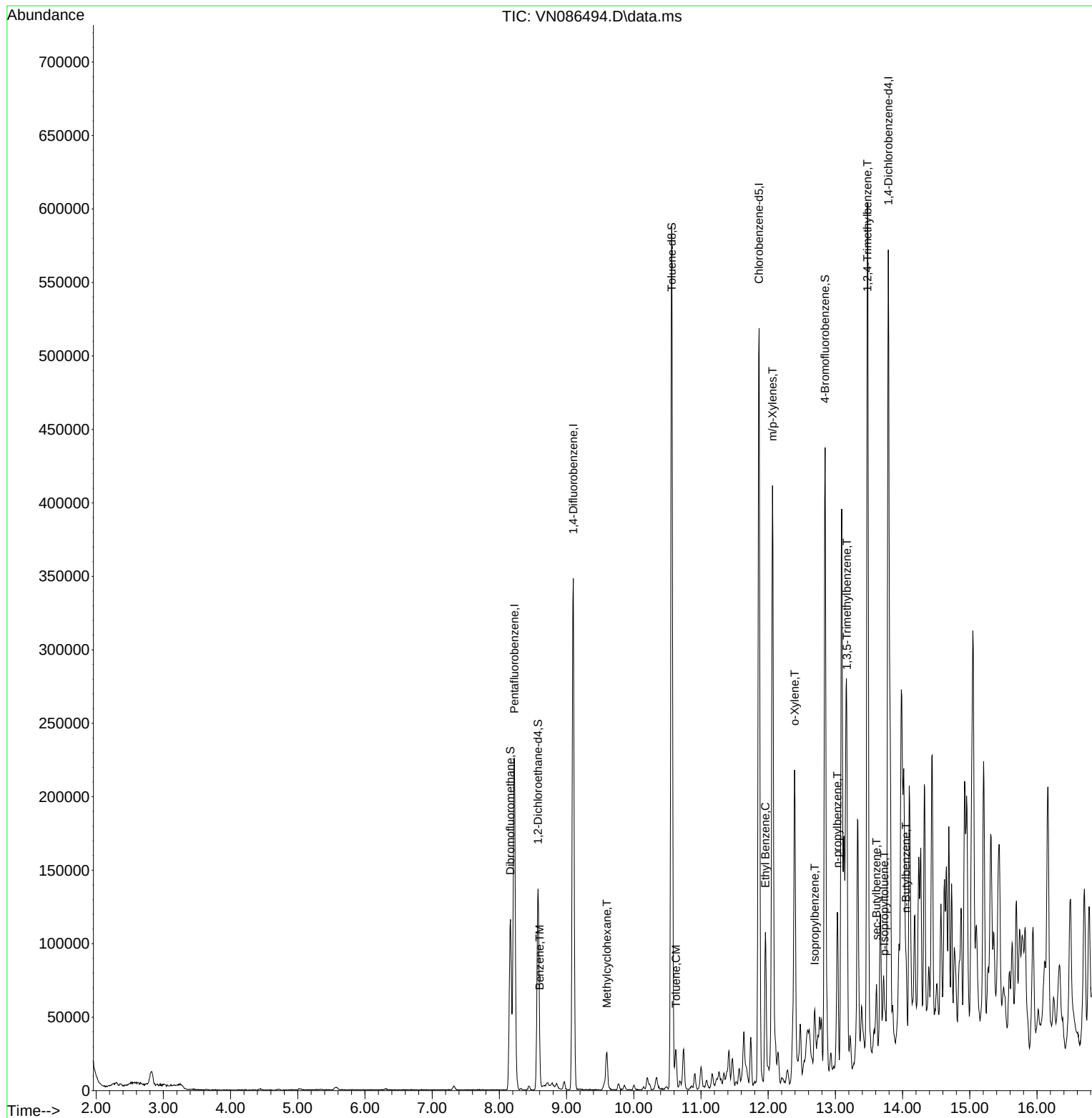
Internal Standards						
1) Pentafluorobenzene	8.224	168	166833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4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

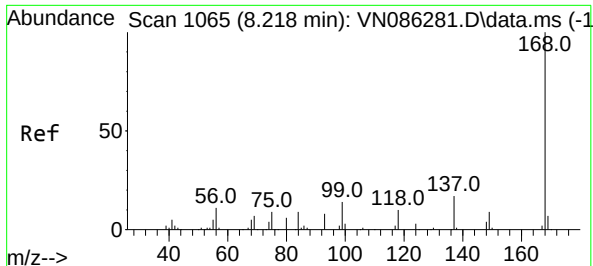
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

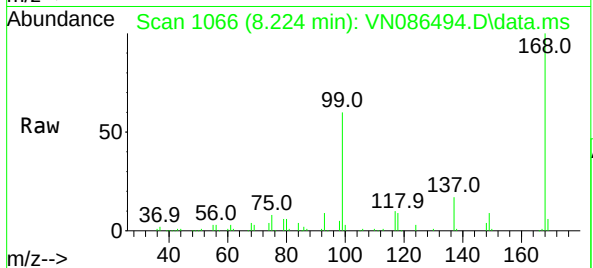
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QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



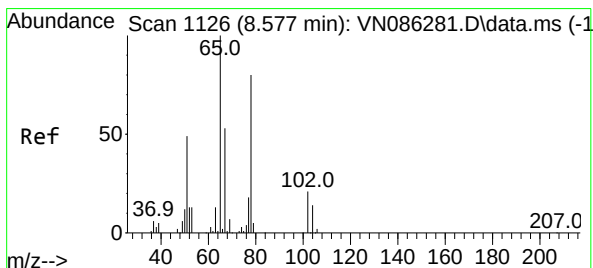
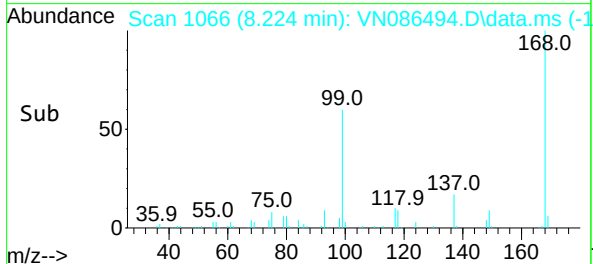
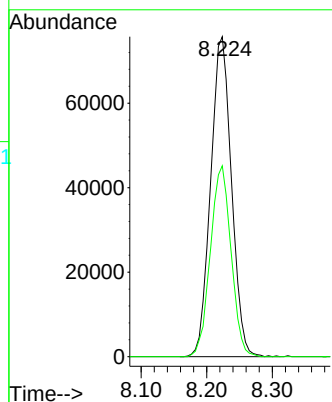


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

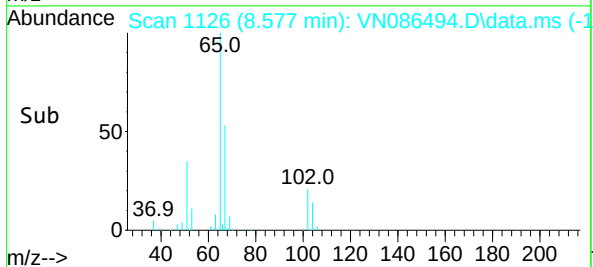
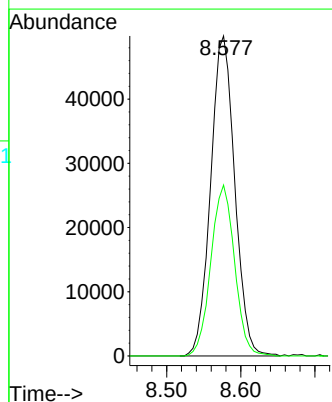
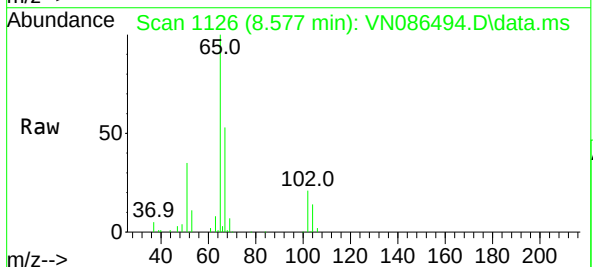


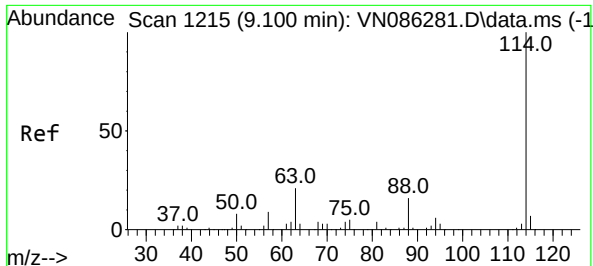
Tgt Ion:168 Resp: 166833
Ion Ratio Lower Upper
168 100
99 59.6 52.5 78.7



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

Tgt Ion: 65 Resp: 112616
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0

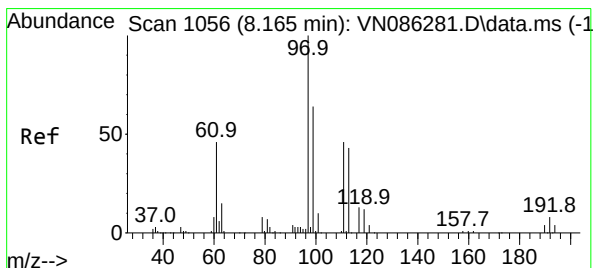
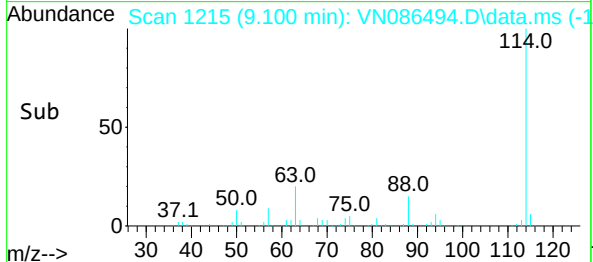
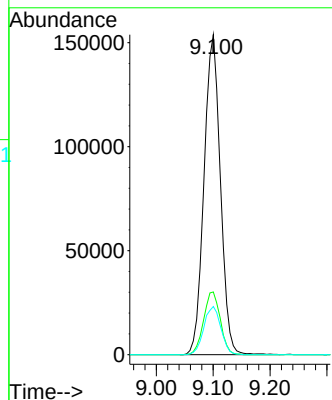
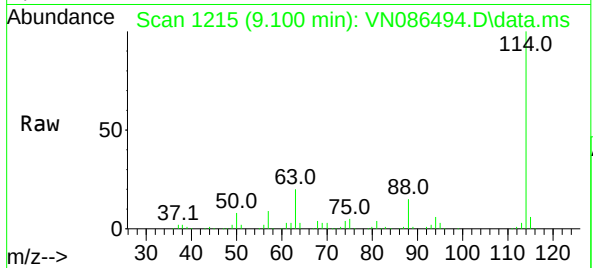




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

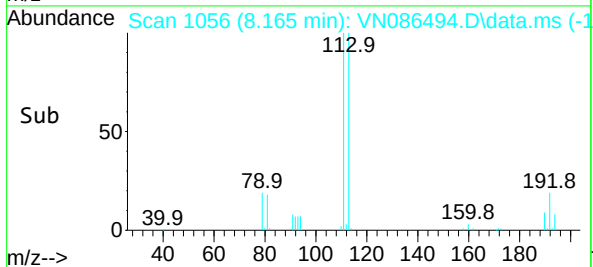
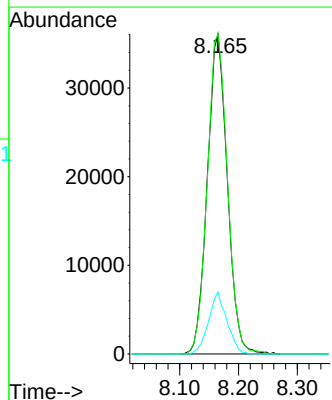
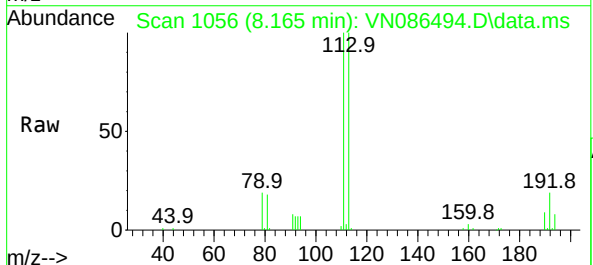
Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

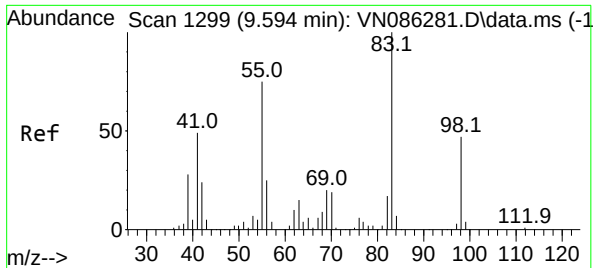
Tgt Ion:114 Resp: 307337
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.6
88 15.1 0.0 31.8



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

Tgt Ion:113 Resp: 85099
Ion Ratio Lower Upper
113 100
111 101.1 83.4 125.0
192 17.8 13.7 20.5





#39

Methylcyclohexane

Concen: 3.333 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086494.D

Acq: 05 May 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

SS-6MEDL

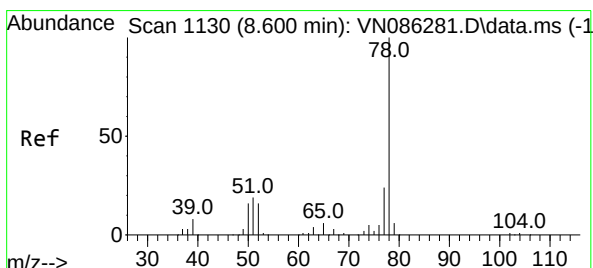
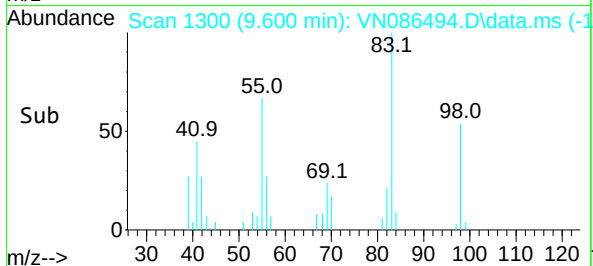
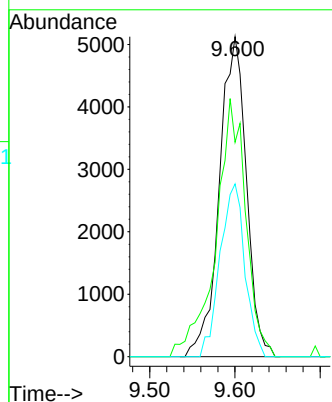
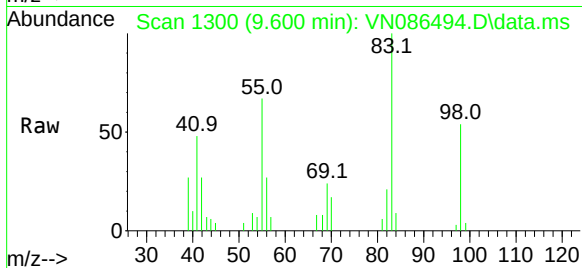
Tgt Ion: 83 Resp: 11288

Ion Ratio Lower Upper

83 100

55 67.0 59.8 89.8

98 54.0 37.9 56.9



#40

Benzene

Concen: 0.229 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086494.D

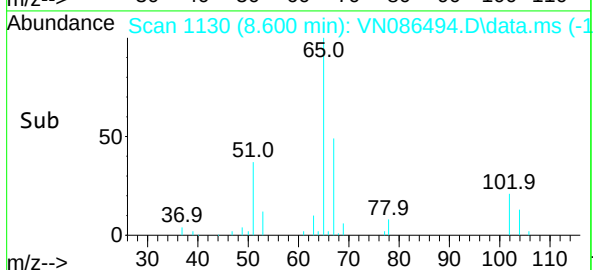
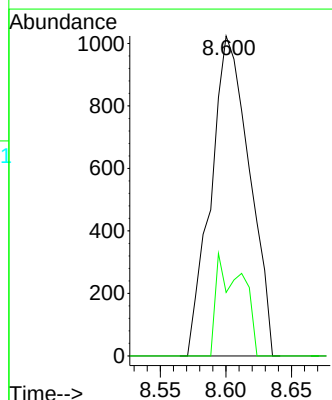
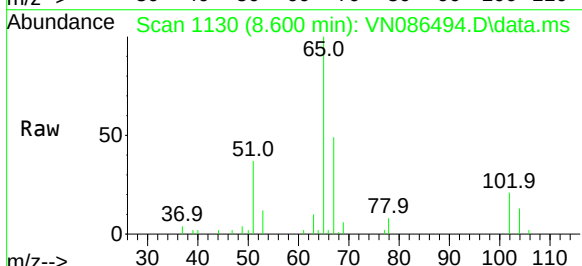
Acq: 05 May 2025 18:25

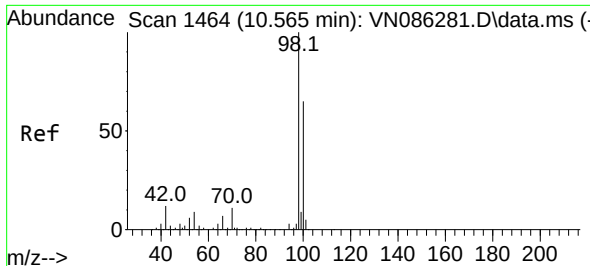
Tgt Ion: 78 Resp: 2092

Ion Ratio Lower Upper

78 100

77 19.8 19.4 29.2

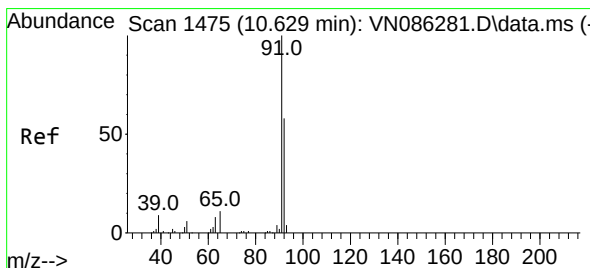
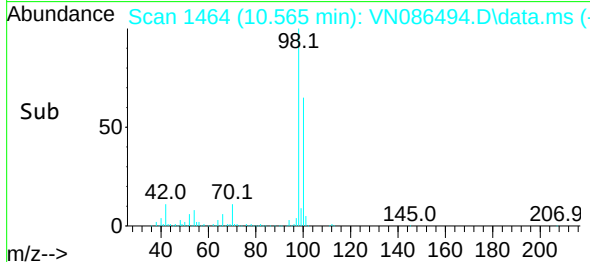
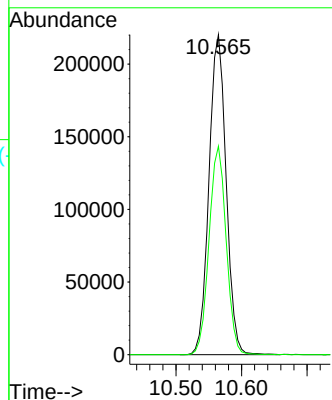
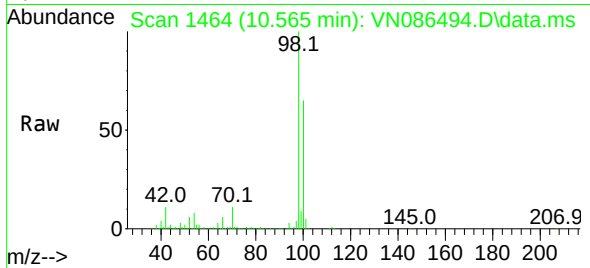




#50
Toluene-d8
Concen: 52.531 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

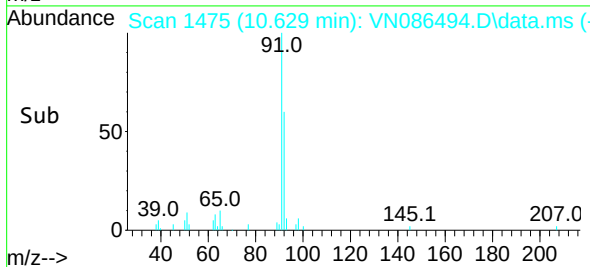
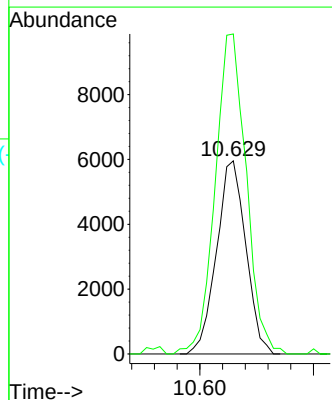
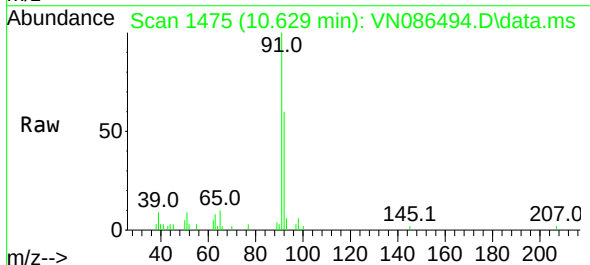
Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

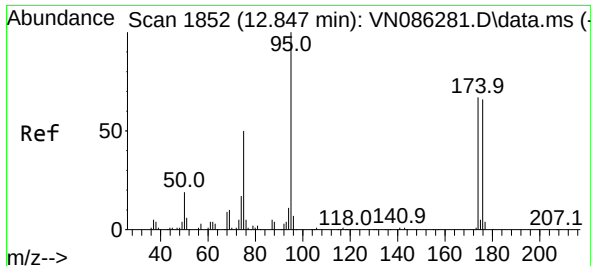
Tgt Ion: 98 Resp: 400459
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



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

Tgt Ion: 92 Resp: 10664
Ion Ratio Lower Upper
92 100
91 175.3 137.3 205.9

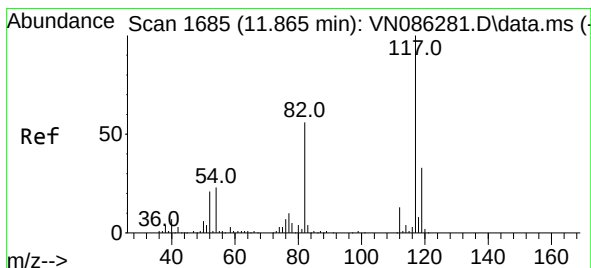
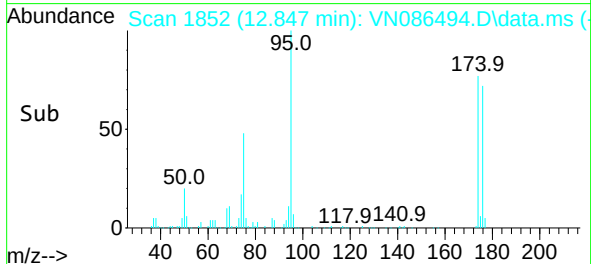
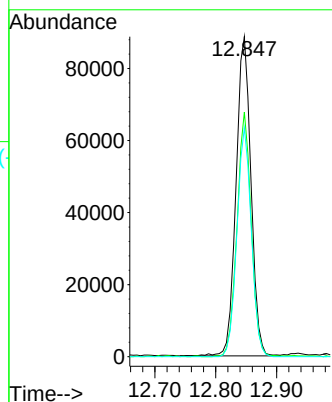
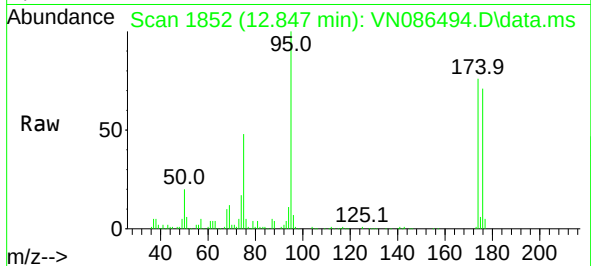




#62
4-Bromofluorobenzene
Concen: 54.216 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

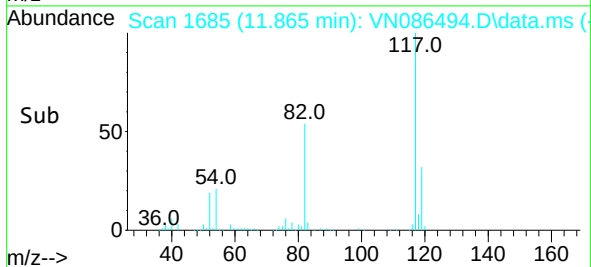
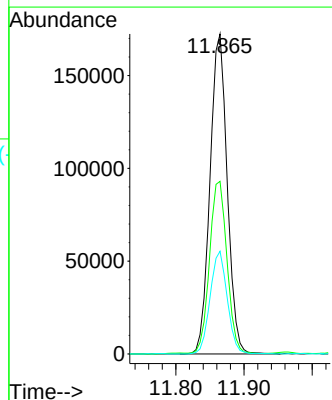
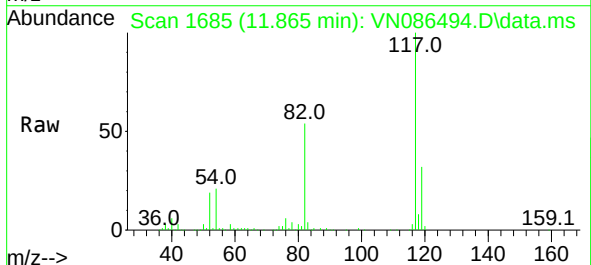
Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

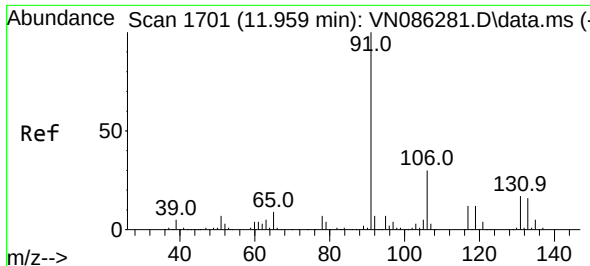
Tgt Ion: 95 Resp: 150750
Ion Ratio Lower Upper
95 100
174 73.5 0.0 133.4
176 69.2 0.0 129.2



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

Tgt Ion: 117 Resp: 302781
Ion Ratio Lower Upper
117 100
82 53.7 44.7 67.1
119 32.1 26.4 39.6

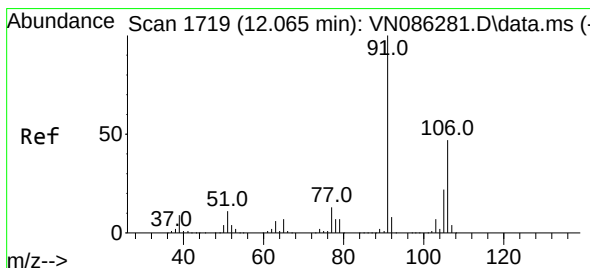
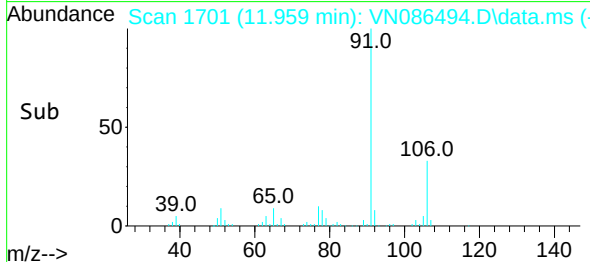
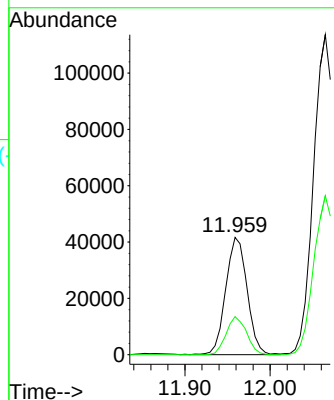
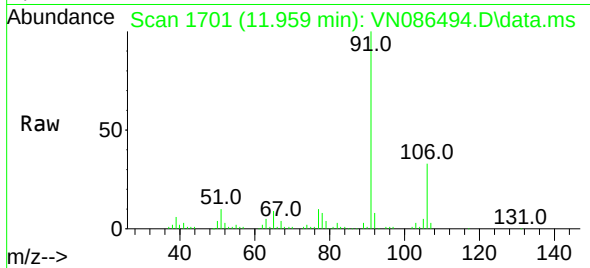




#67
Ethyl Benzene
Concen: 5.964 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

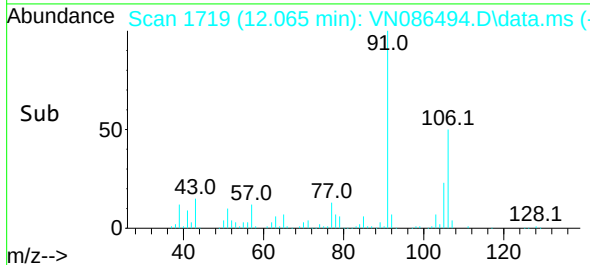
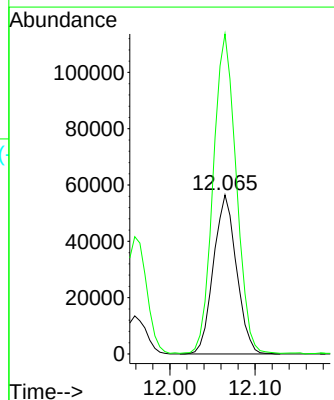
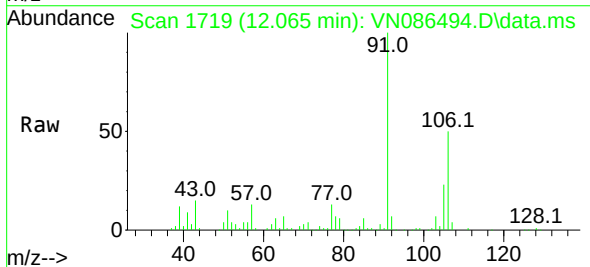
Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

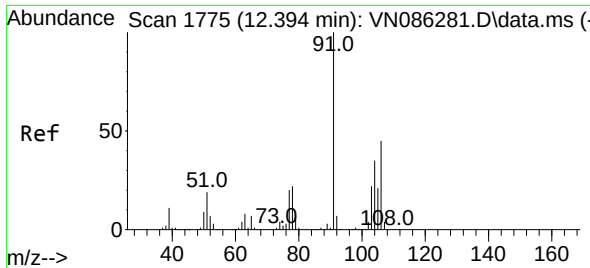
Tgt Ion: 91 Resp: 72720
Ion Ratio Lower Upper
91 100
106 32.5 24.3 36.5



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

Tgt Ion: 106 Resp: 106045
Ion Ratio Lower Upper
106 100
91 201.3 166.5 249.7

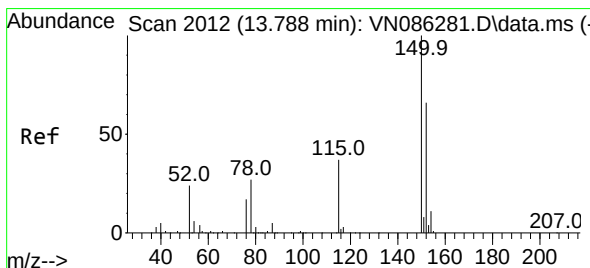
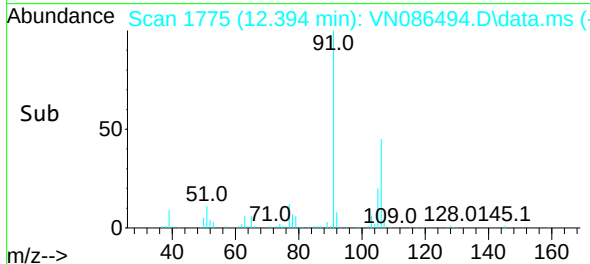
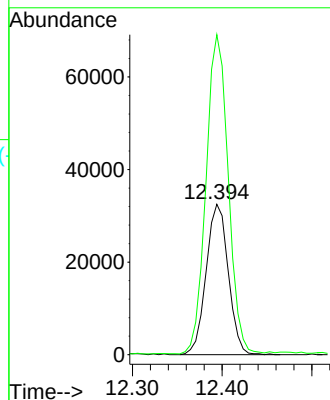
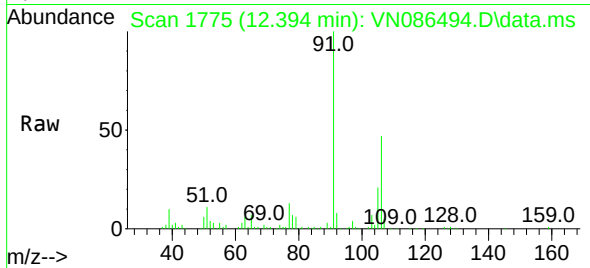




#69
o-Xylene
Concen: 12.322 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

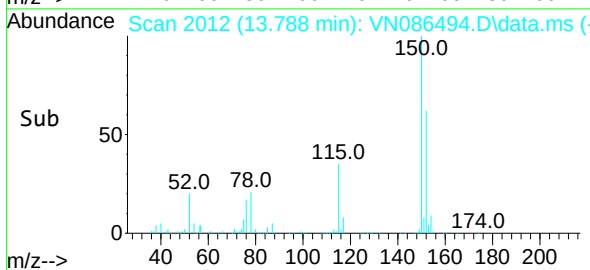
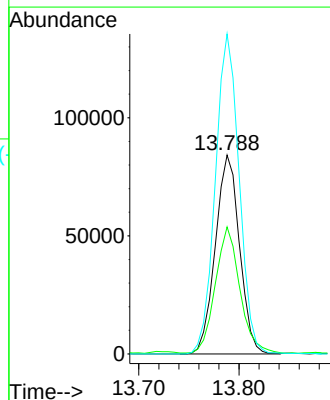
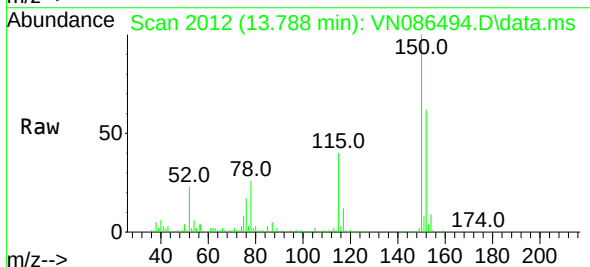
Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

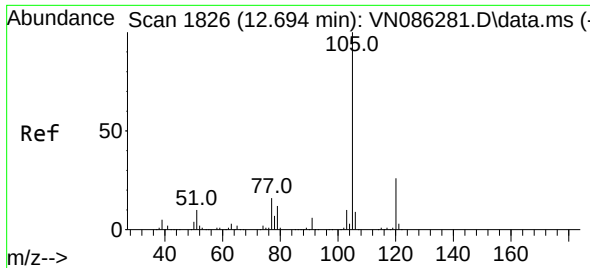
Tgt Ion:106 Resp: 55675
Ion Ratio Lower Upper
106 100
91 212.3 109.7 329.0



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

Tgt Ion:152 Resp: 140970
Ion Ratio Lower Upper
152 100
115 64.3 31.9 95.9
150 158.6 0.0 352.0

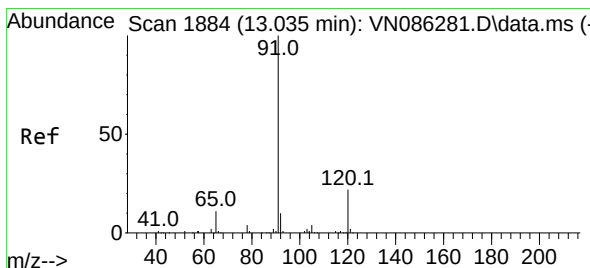
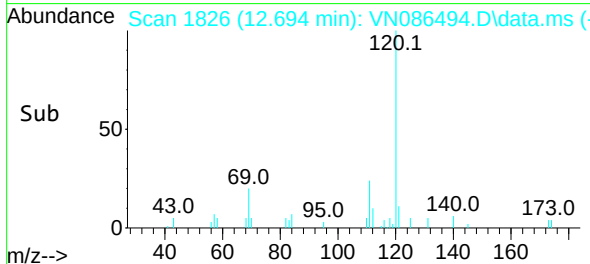
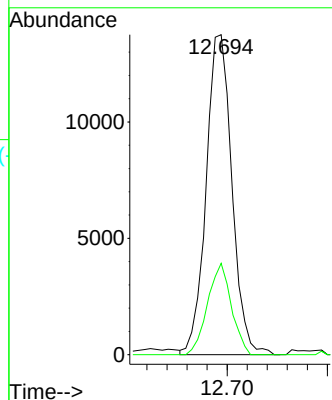
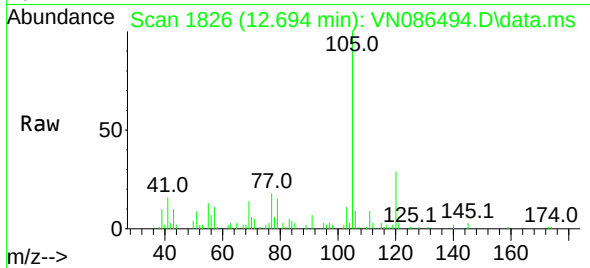




#73
Isopropylbenzene
Concen: 2.133 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

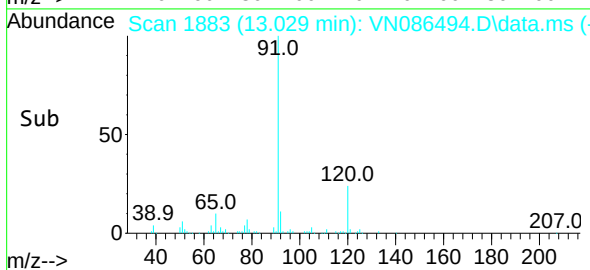
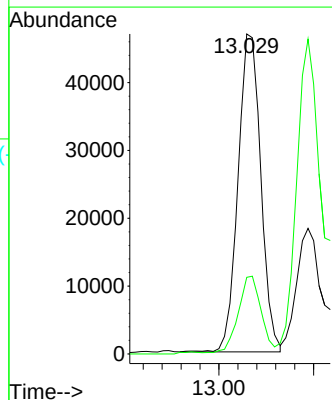
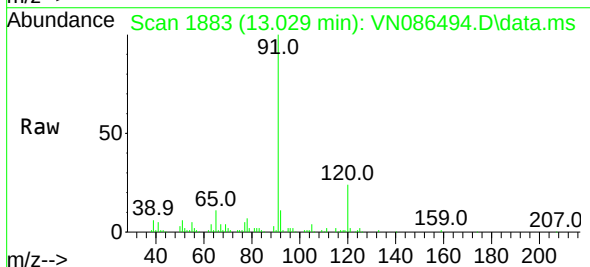
Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

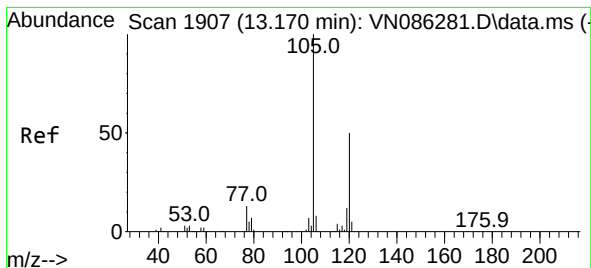
Tgt Ion:105 Resp: 24601
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



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

Tgt Ion: 91 Resp: 78099
Ion Ratio Lower Upper
91 100
120 23.9 11.1 33.3





#80

1,3,5-Trimethylbenzene

Concen: 9.679 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN086494.D

Acq: 05 May 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

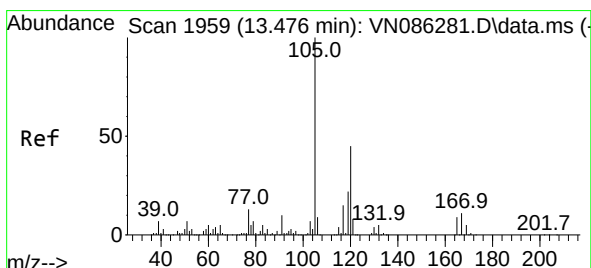
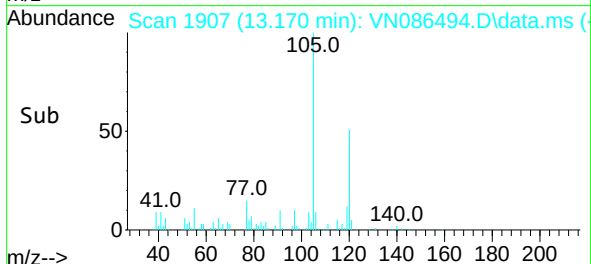
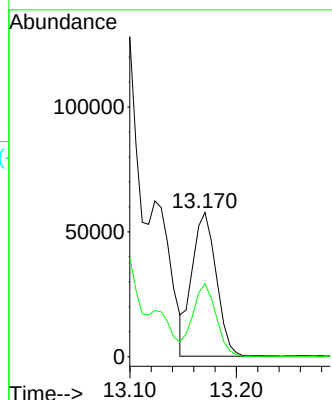
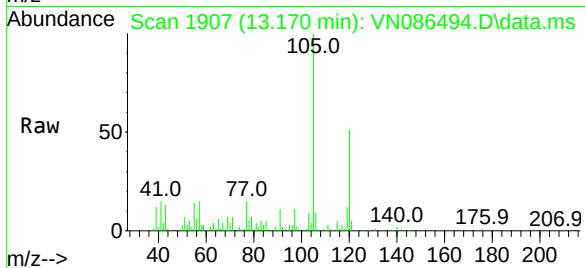
SS-6MEDL

Tgt Ion:105 Resp: 91353

Ion Ratio Lower Upper

105 100

120 49.5 24.5 73.5



#84

1,2,4-Trimethylbenzene

Concen: 35.727 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN086494.D

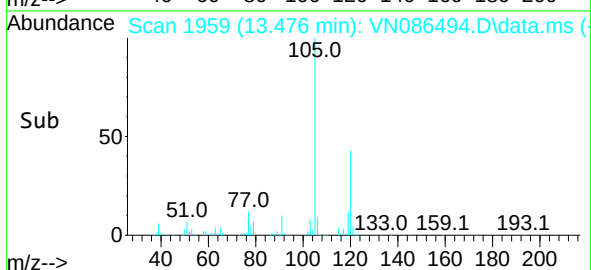
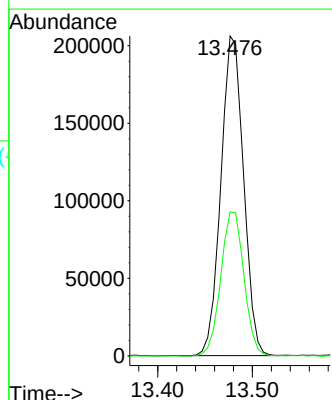
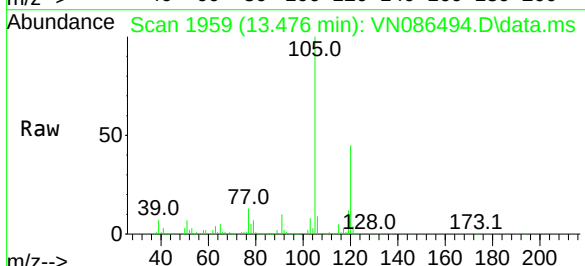
Acq: 05 May 2025 18:25

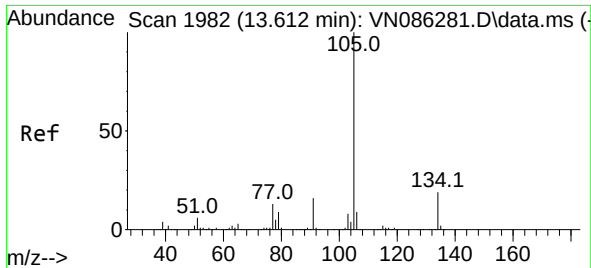
Tgt Ion:105 Resp: 343237

Ion Ratio Lower Upper

105 100

120 46.0 22.4 67.3

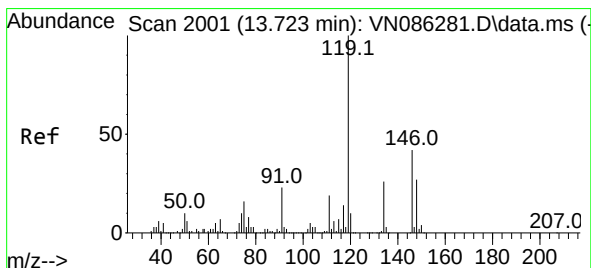
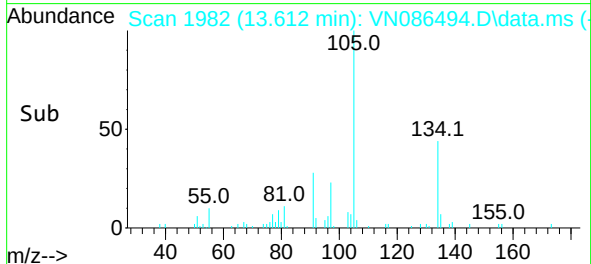
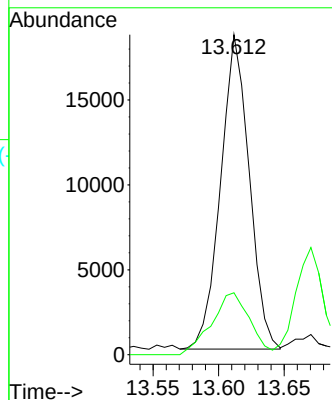
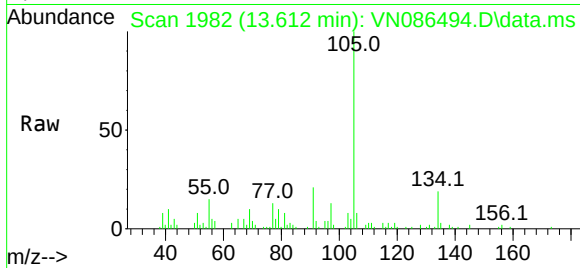




#85
 sec-Butylbenzene
 Concen: 2.480 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086494.D
 Acq: 05 May 2025 18:25

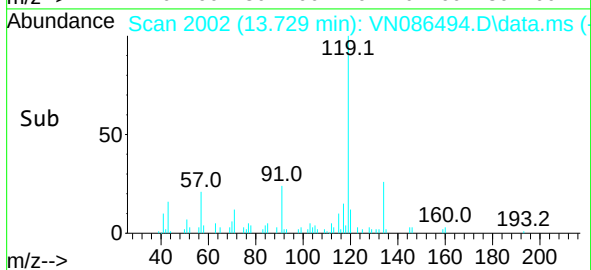
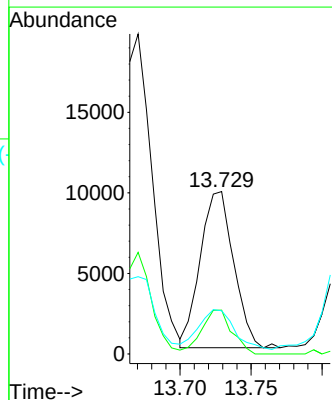
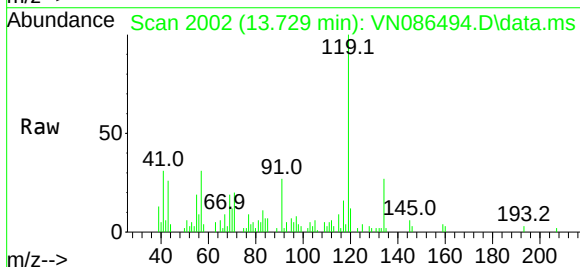
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-6MEDL

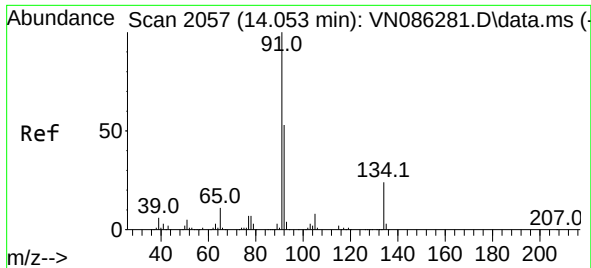
Tgt Ion:105 Resp: 28130
 Ion Ratio Lower Upper
 105 100
 134 26.1 9.7 29.1



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

Tgt Ion:119 Resp: 15912
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.1
 91 26.6 11.9 35.9





#89

n-Butylbenzene

Concen: 3.692 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086494.D

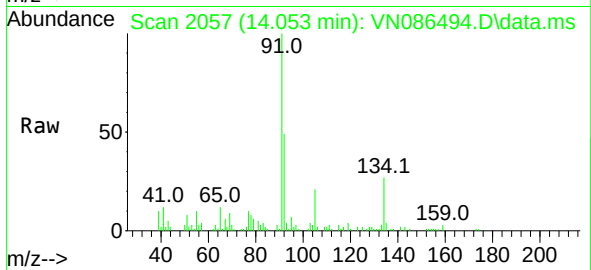
Acq: 05 May 2025 18:25

Instrument :

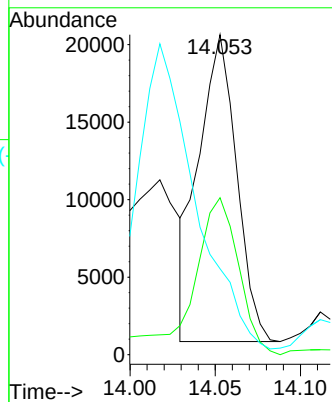
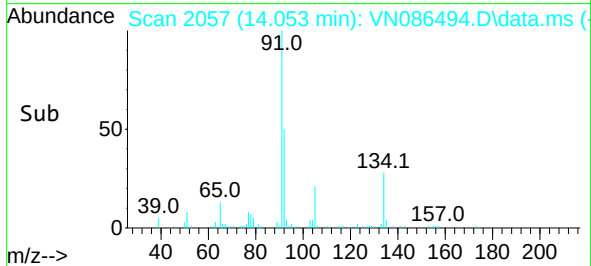
MSVOA_N

ClientSampleId :

SS-6MEDL



Tgt Ion:	91	Resp:	30599
Ion	Ratio	Lower	Upper
91	100		
92	56.5	26.8	80.4
134	0.0	12.2	36.6



Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	120	J	30.8	200	ug/Kg
108-88-3	Toluene	1400		30.4	200	ug/Kg
100-41-4	Ethyl Benzene	2200		26.1	200	ug/Kg
1330-20-7	Total Xylenes	12600		80.4	590	ug/Kg
98-82-8	Isopropylbenzene	670		30.4	200	ug/Kg
103-65-1	n-propylbenzene	1900		28.5	200	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	2900		32.0	200	ug/Kg
98-06-6	tert-Butylbenzene	26.1	U	26.1	200	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	11000	E	25.0	200	ug/Kg
135-98-8	sec-Butylbenzene	780		25.7	200	ug/Kg
99-87-6	p-Isopropyltoluene	520		24.2	200	ug/Kg
104-51-8	n-Butylbenzene	1200		56.6	200	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.4		63 - 155	91%	SPK: 50
1868-53-7	Dibromofluoromethane	55.7		70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	52.8		74 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		38 - 136	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	199000	8.218			
540-36-3	1,4-Difluorobenzene	370000	9.094			
3114-55-4	Chlorobenzene-d5	347000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	153000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						
000620-14-4	Benzene, 1-ethyl-3-methyl-	11500	J		13.1	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	5600	J		13.3	ug/Kg
	unknown13.982	7800	J		14.0	ug/Kg
000824-90-8	1-Phenyl-1-butene	5000	J		14.4	ug/Kg
000112-40-3	Dodecane	5300	J		15.0	ug/Kg
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	12200	J		15.0	ug/Kg
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	5300	J		15.2	ug/Kg
004912-92-9	1H-Indene, 2,3-dihydro-1,1-dimethy	5200	J		15.4	ug/Kg

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
005676-32-4	Benzene, (1-methylenebutyl)-	6900	J		16.2	ug/Kg
013065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,	5100	J		16.7	ug/Kg
110-82-7	Cyclohexane	330	J		8.25	ug/Kg
108-87-2	Methylcyclohexane	1300	J		9.59	ug/Kg
Total VOC TICs	Total VOC TICs	69900	J		148	ug/Kg
179601-23-1	m/p-Xylenes	8400	J		12.1	ug/Kg
95-47-6	o-Xylene	4200	J		12.4	ug/Kg
ABZT	Alkylbenzenes, Total	19000	J		13.0	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

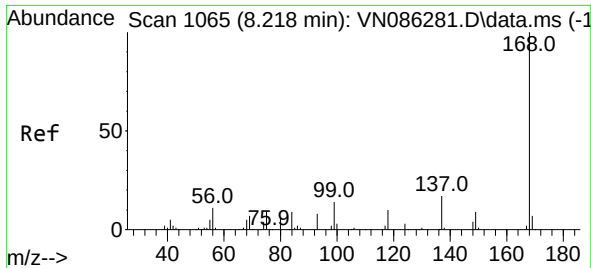
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7

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

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

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

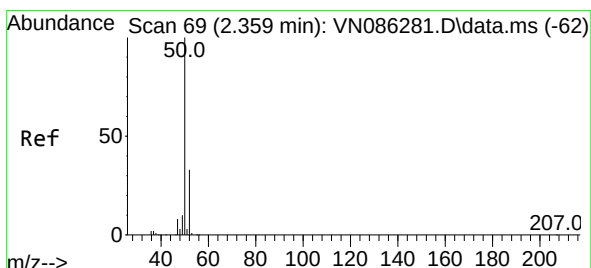
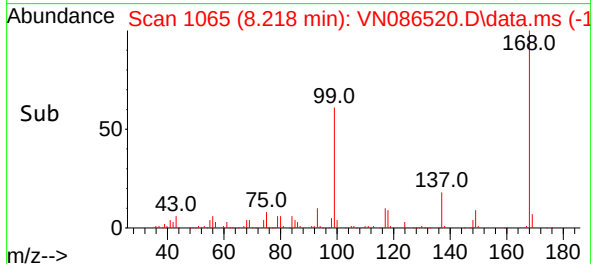
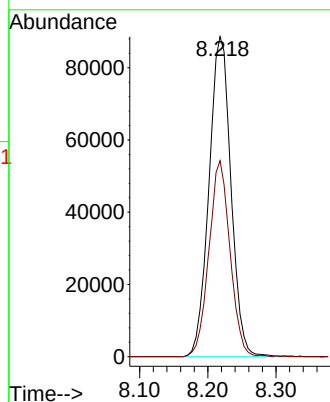
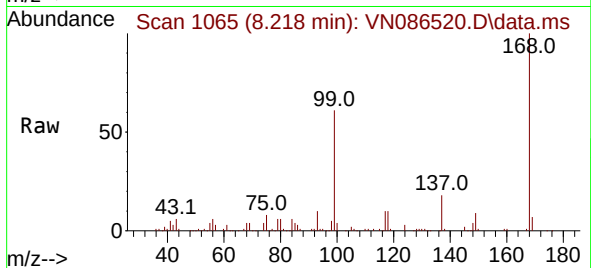
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

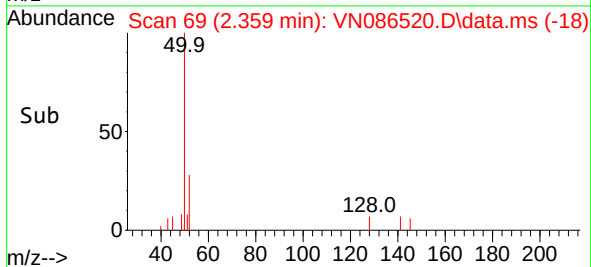
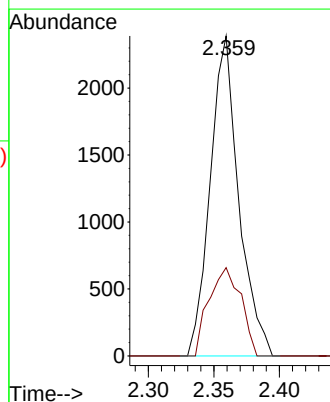
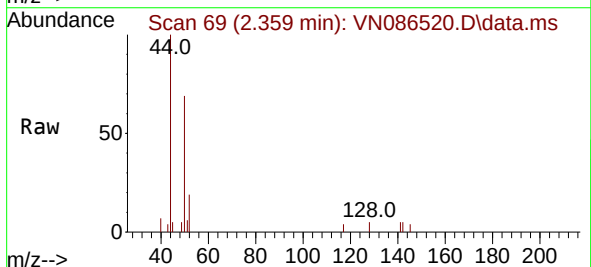
Instrument :
MSVOA_N
ClientSampleId :
SS-7

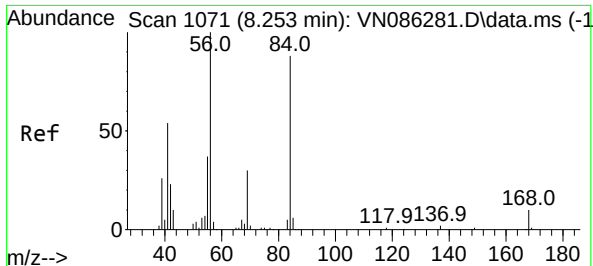
Tgt Ion:168 Resp: 198517
Ion Ratio Lower Upper
168 100
99 61.3 52.5 78.7



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

Tgt Ion: 50 Resp: 3612
Ion Ratio Lower Upper
50 100
52 27.6 26.5 39.7





#31

Cyclohexane

Concen: 8.416 ug/l

RT: 8.247 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

SS-7

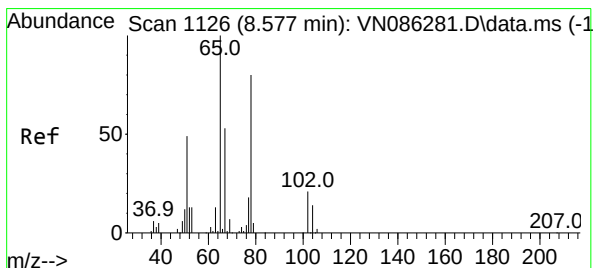
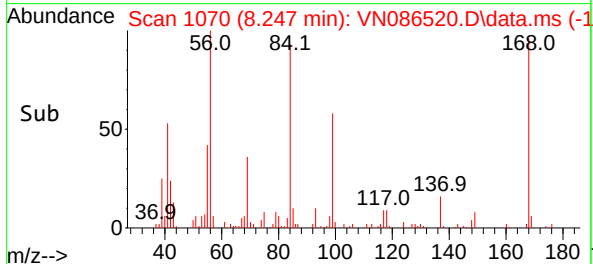
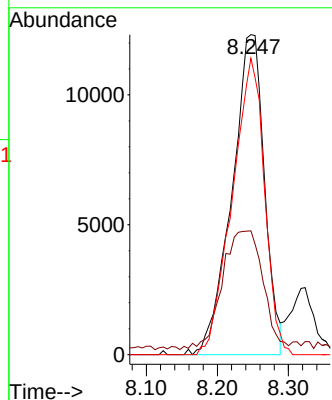
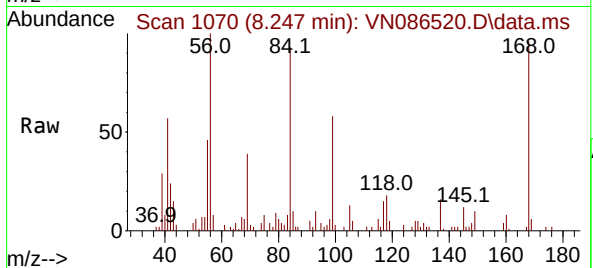
Tgt Ion: 56 Resp: 39261

Ion Ratio Lower Upper

56 100

69 37.1 24.2 36.2#

84 92.6 70.3 105.5



#33

1,2-Dichloroethane-d4

Concen: 45.363 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN086520.D

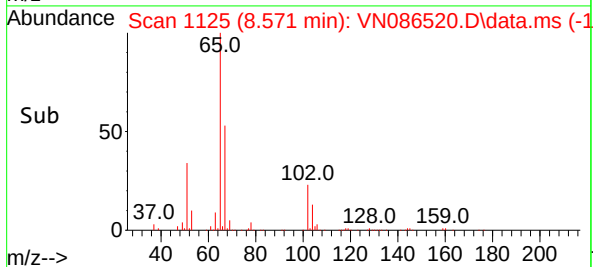
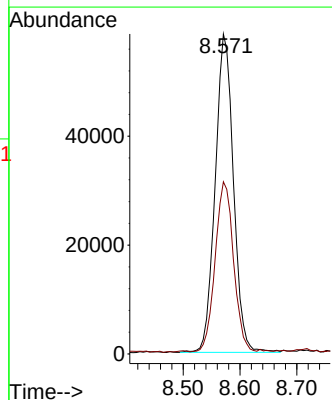
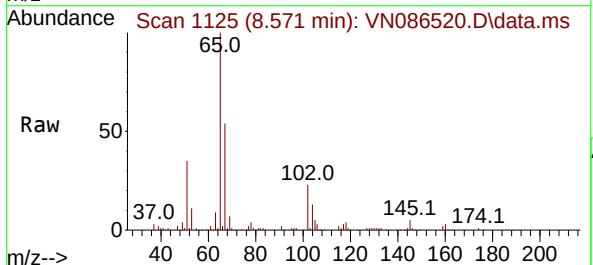
Acq: 06 May 2025 17:23

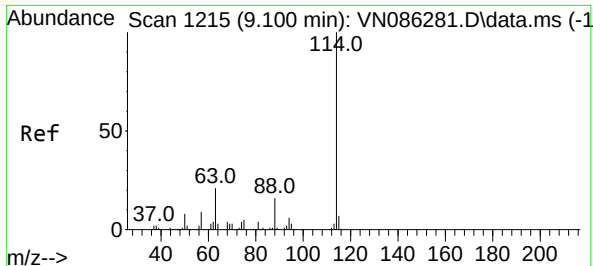
Tgt Ion: 65 Resp: 130584

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.0

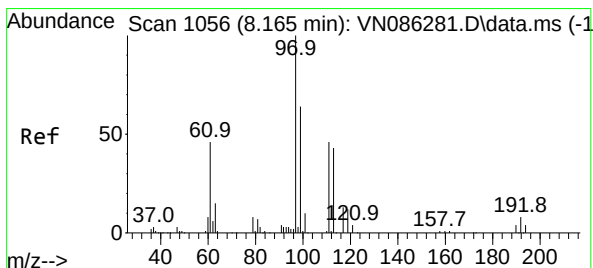
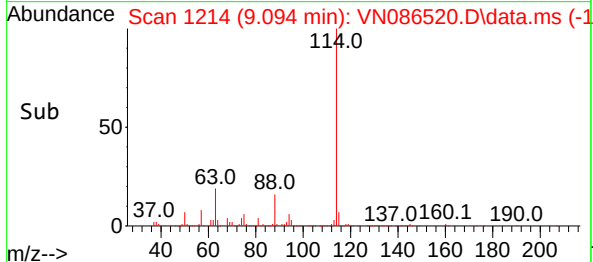
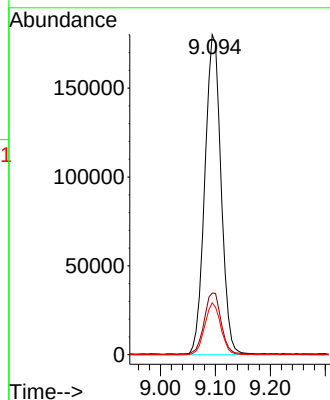
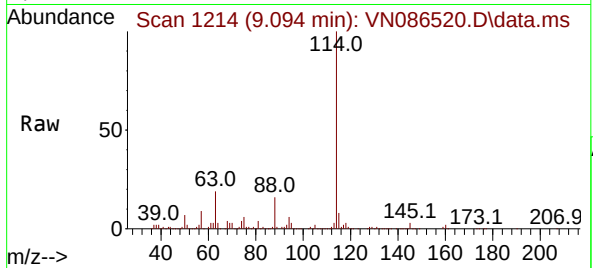




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

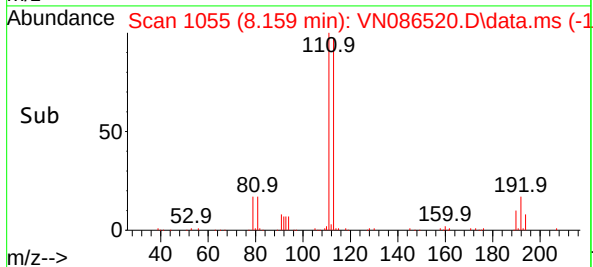
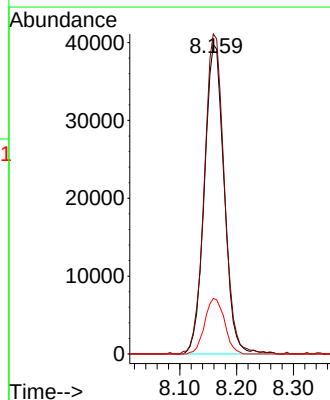
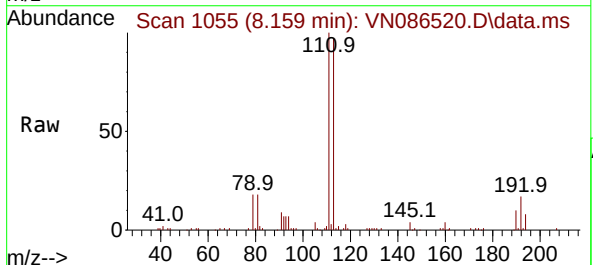
Instrument :
MSVOA_N
ClientSampleId :
SS-7

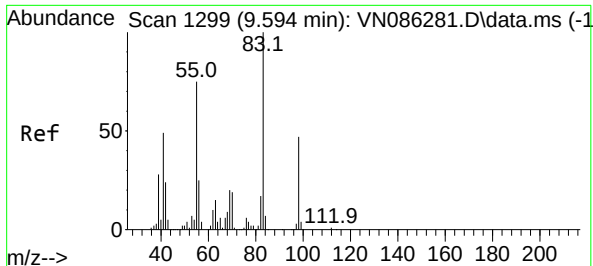
Tgt Ion:114 Resp: 370271
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.6
88 16.2 0.0 31.8



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

Tgt Ion:113 Resp: 95715
Ion Ratio Lower Upper
113 100
111 104.4 83.4 125.0
192 18.0 13.7 20.5





#39

Methylcyclohexane

Concen: 33.052 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

SS-7

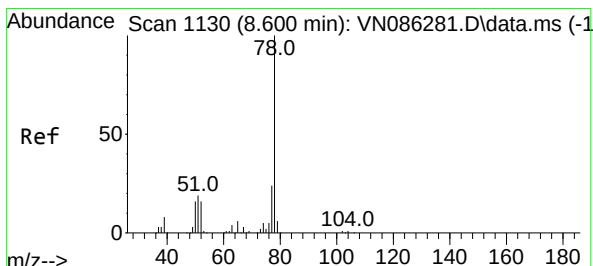
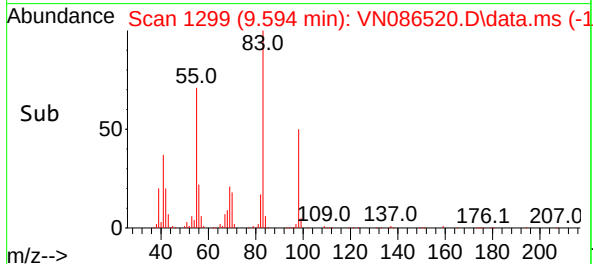
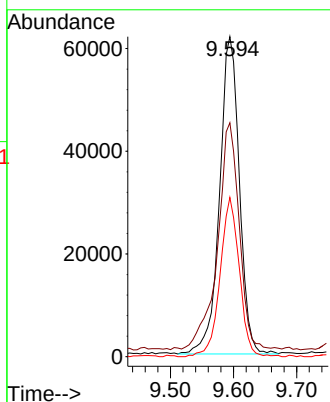
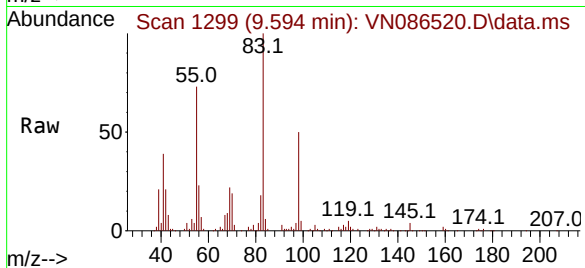
Tgt Ion: 83 Resp: 134843

Ion Ratio Lower Upper

83 100

55 71.0 59.8 89.8

98 50.2 37.9 56.9



#40

Benzene

Concen: 3.107 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086520.D

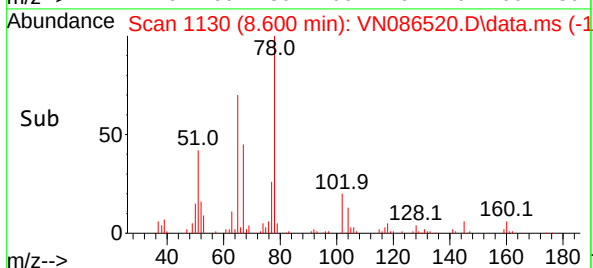
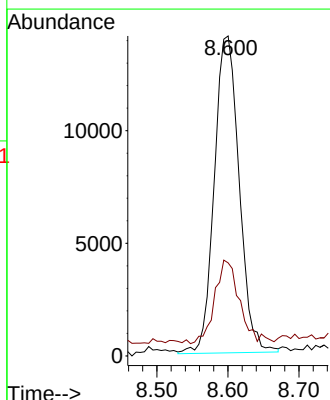
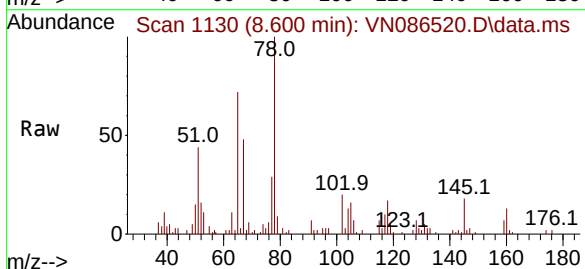
Acq: 06 May 2025 17:23

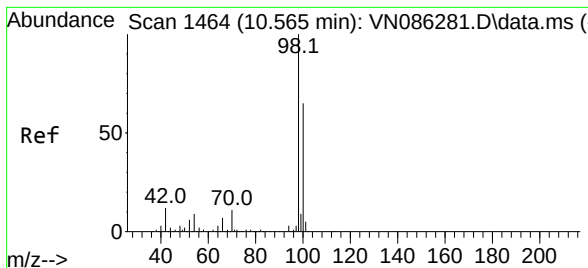
Tgt Ion: 78 Resp: 34163

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.2

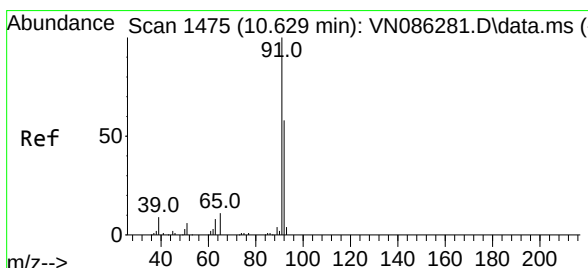
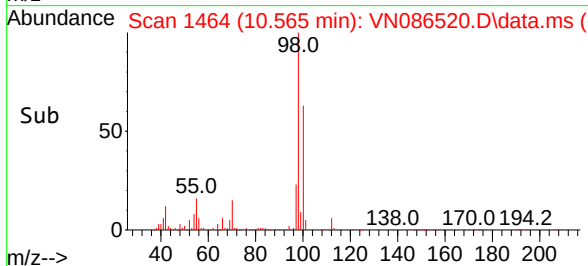
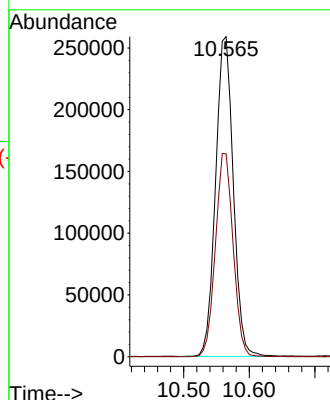
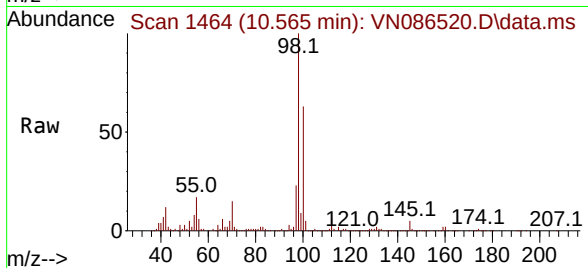




#50
Toluene-d8
Concen: 52.785 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

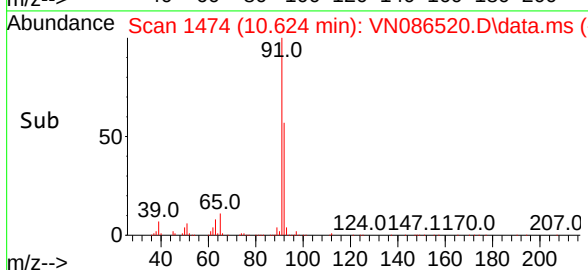
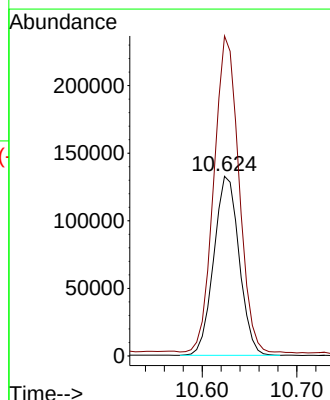
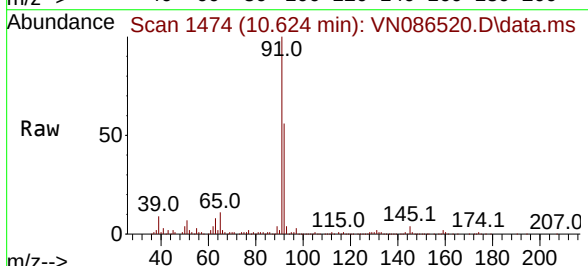
Instrument :
MSVOA_N
ClientSampleId :
SS-7

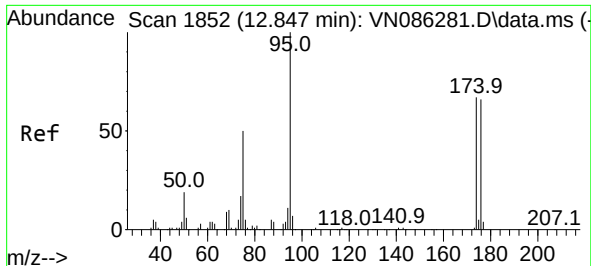
Tgt Ion: 98 Resp: 484795
Ion Ratio Lower Upper
98 100
100 63.5 52.5 78.7



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

Tgt Ion: 92 Resp: 246705
Ion Ratio Lower Upper
92 100
91 174.9 137.3 205.9

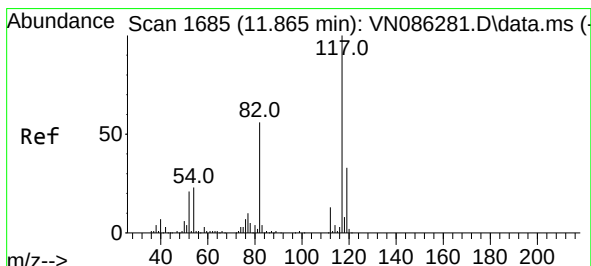
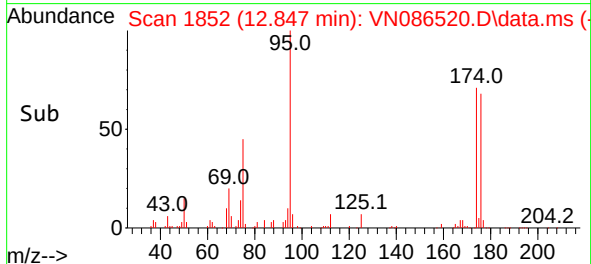
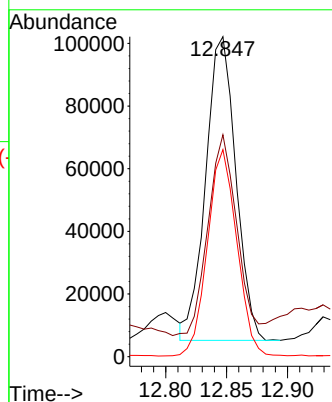
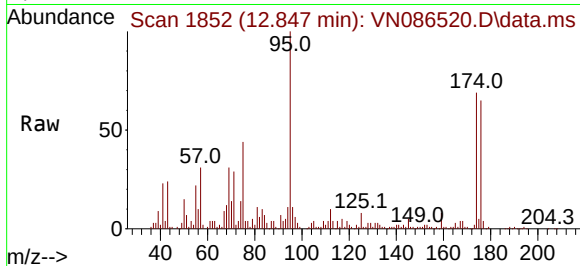




#62
4-Bromofluorobenzene
Concen: 49.789 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

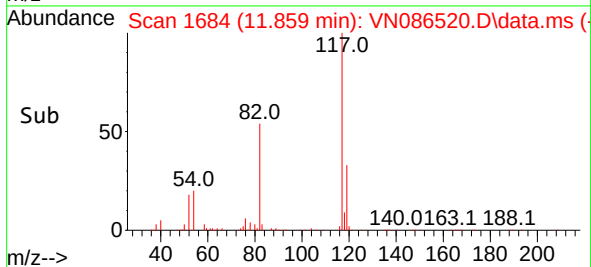
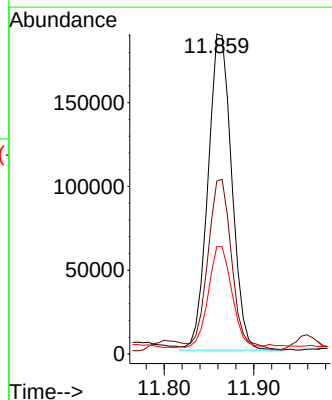
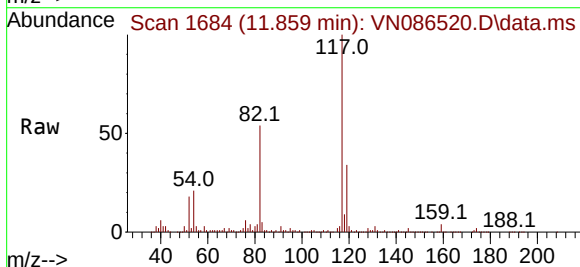
Instrument :
MSVOA_N
ClientSampleId :
SS-7

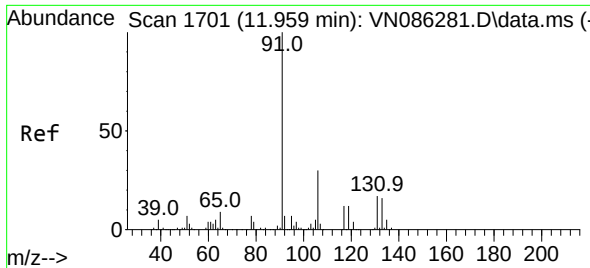
Tgt Ion: 95 Resp: 166788
Ion Ratio Lower Upper
95 100
174 63.7 0.0 133.4
176 66.0 0.0 129.2



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

Tgt Ion: 117 Resp: 347259
Ion Ratio Lower Upper
117 100
82 53.2 44.7 67.1
119 31.7 26.4 39.6

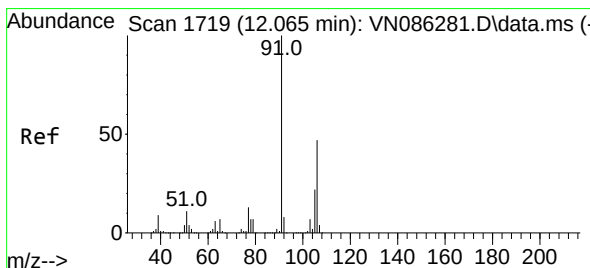
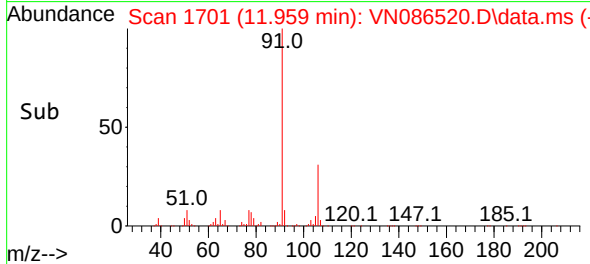
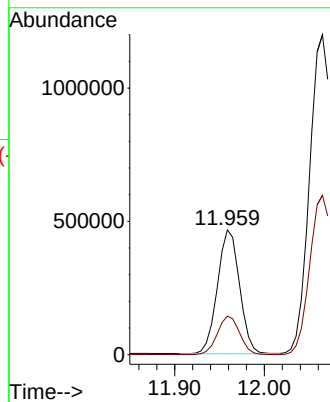
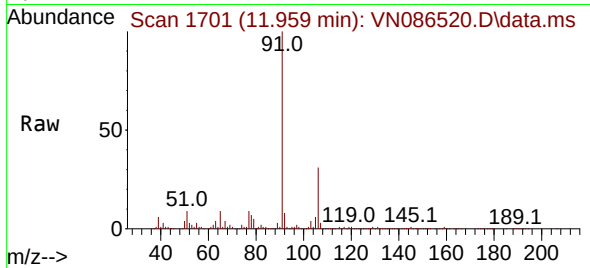




#67
Ethyl Benzene
Concen: 56.728 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

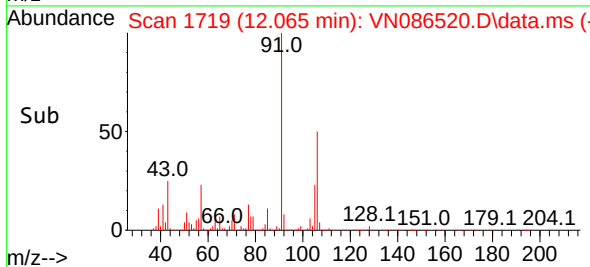
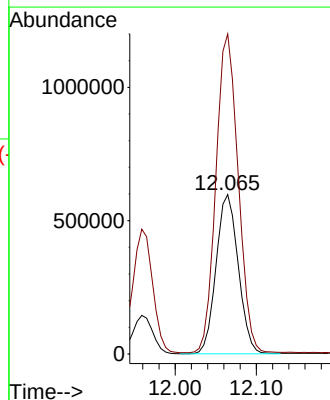
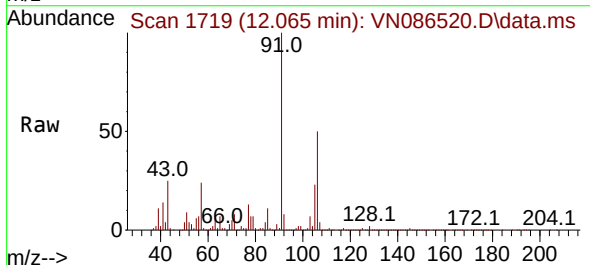
Instrument :
MSVOA_N
ClientSampleId :
SS-7

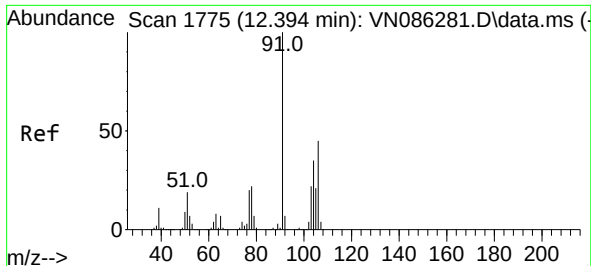
Tgt Ion: 91 Resp: 793307
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5



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

Tgt Ion:106 Resp: 1134281
Ion Ratio Lower Upper
106 100
91 200.2 166.5 249.7

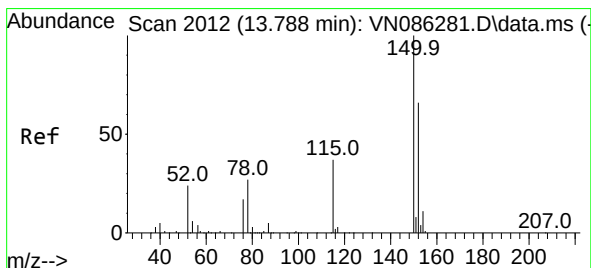
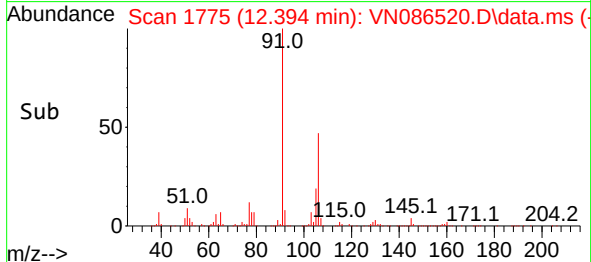
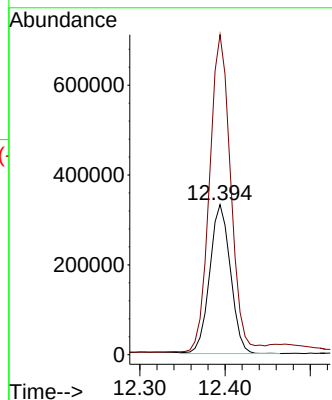
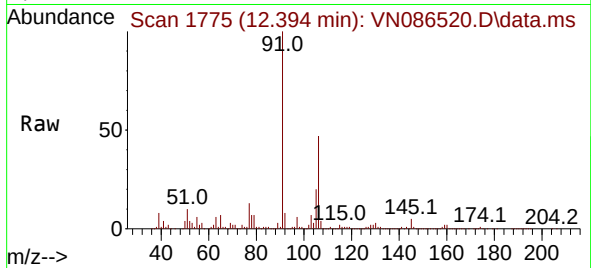




#69
o-Xylene
Concen: 108.067 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

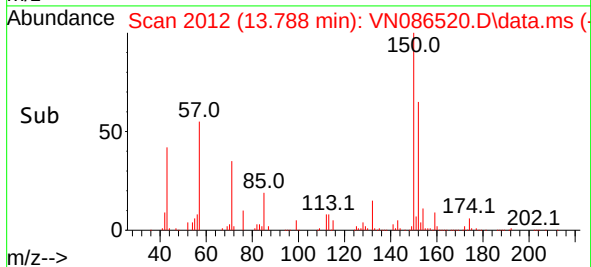
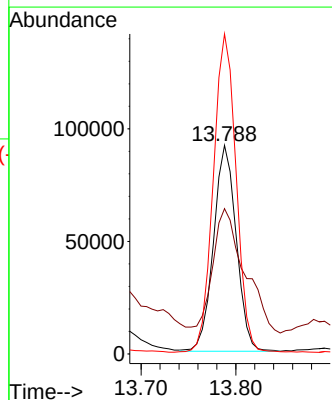
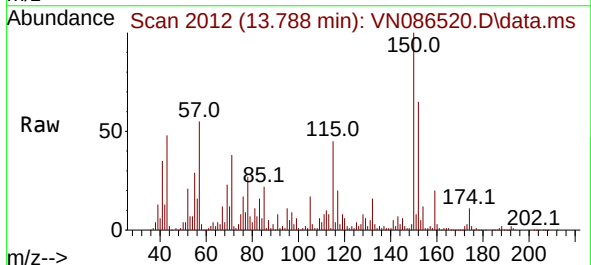
Instrument :
MSVOA_N
ClientSampleId :
SS-7

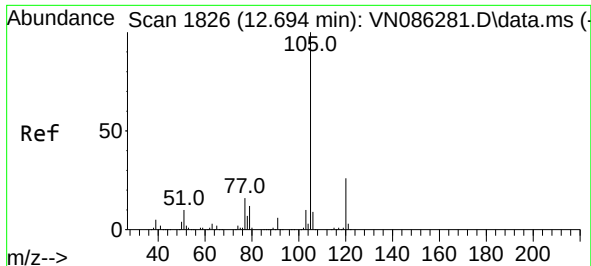
Tgt Ion:106 Resp: 559998
Ion Ratio Lower Upper
106 100
91 218.5 109.7 329.0



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

Tgt Ion:152 Resp: 152767
Ion Ratio Lower Upper
152 100
115 84.3 31.9 95.9
150 155.3 0.0 352.0

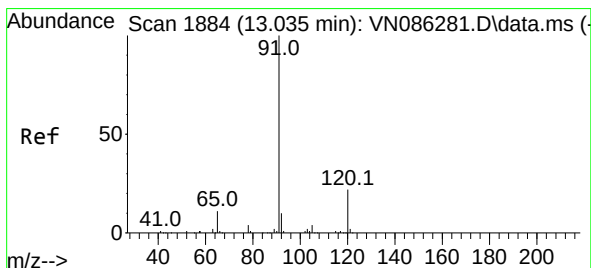
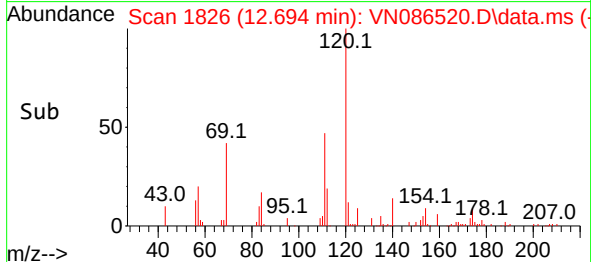
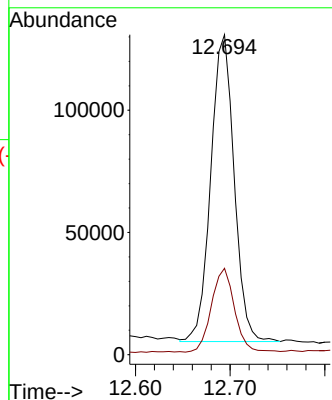
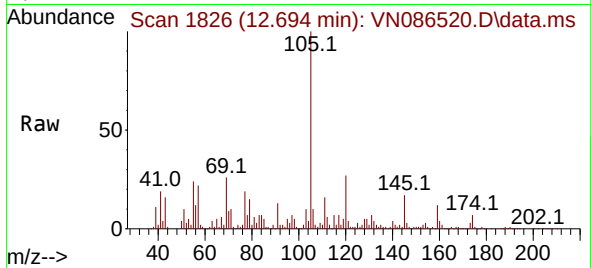




#73
Isopropylbenzene
Concen: 17.211 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

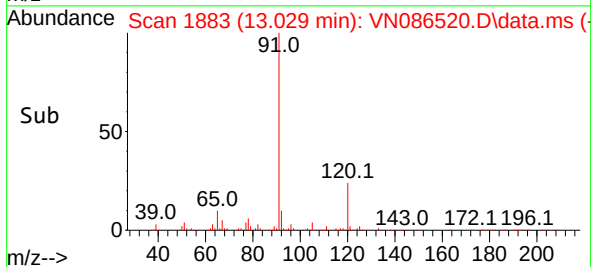
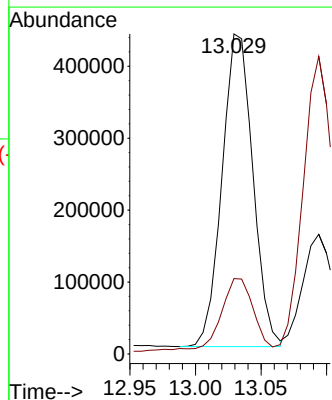
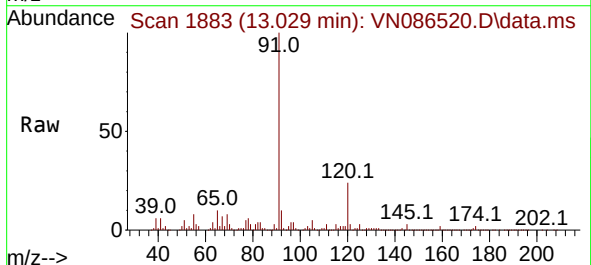
Instrument :
MSVOA_N
ClientSampleId :
SS-7

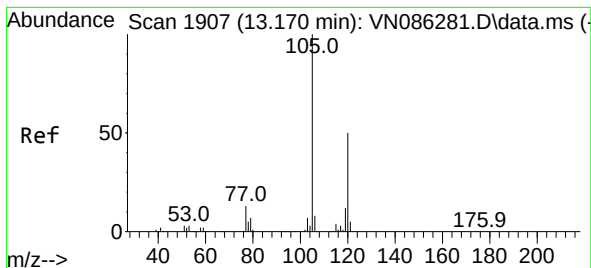
Tgt Ion:105 Resp: 215076
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.3



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

Tgt Ion: 91 Resp: 710525
Ion Ratio Lower Upper
91 100
120 27.0 11.1 33.3





#80

1,3,5-Trimethylbenzene

Concen: 74.039 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

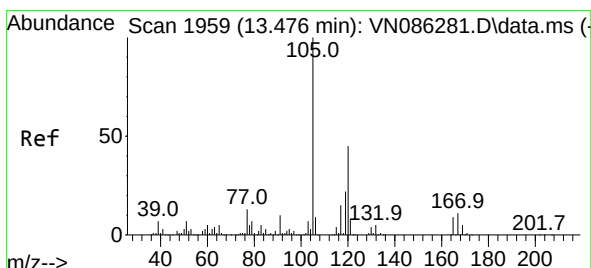
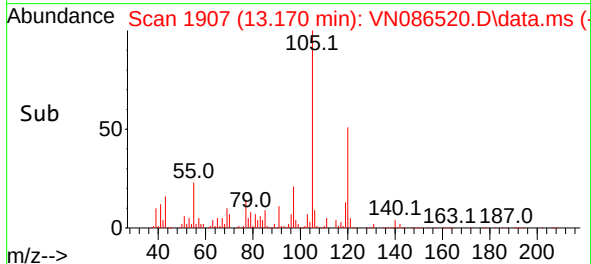
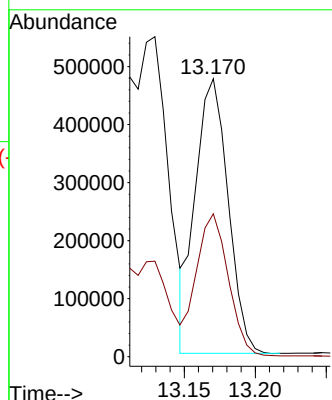
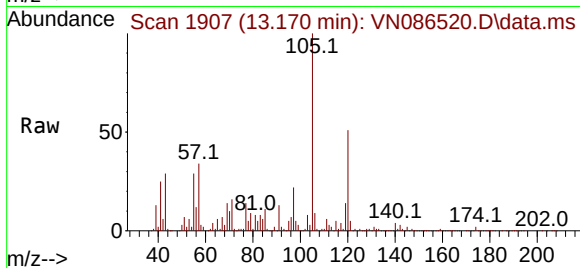
SS-7

Tgt Ion:105 Resp: 757282

Ion Ratio Lower Upper

105 100

120 51.1 24.5 73.5



#84

1,2,4-Trimethylbenzene

Concen: 281.680 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086520.D

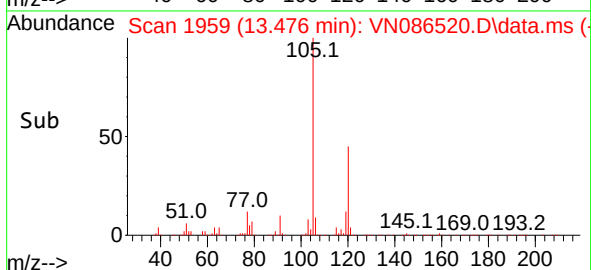
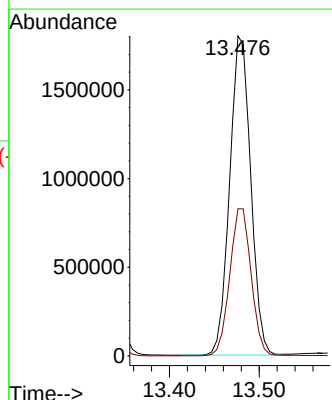
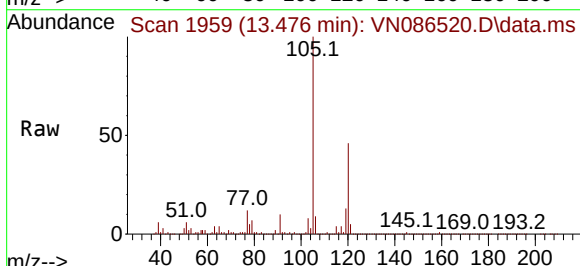
Acq: 06 May 2025 17:23

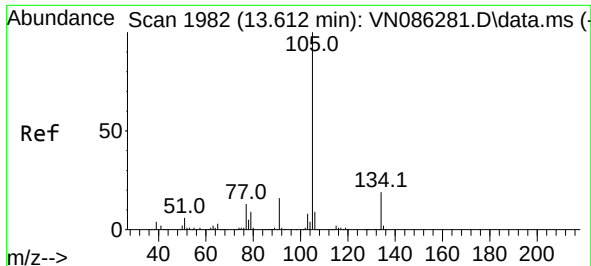
Tgt Ion:105 Resp: 2932662

Ion Ratio Lower Upper

105 100

120 47.1 22.4 67.3

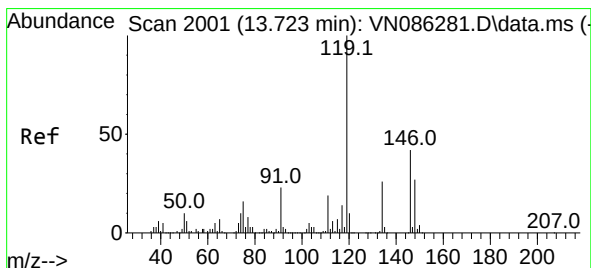
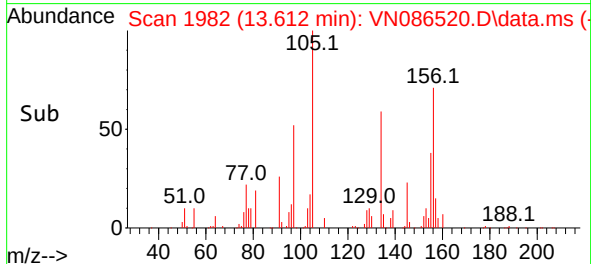
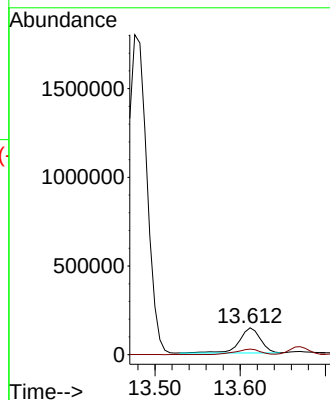
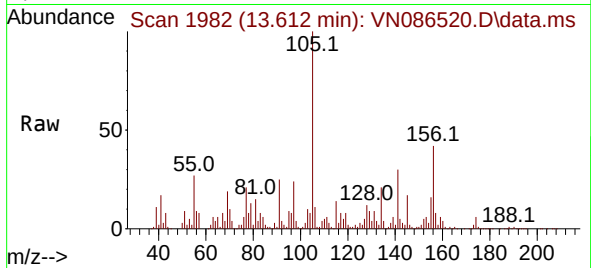




#85
 sec-Butylbenzene
 Concen: 20.024 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086520.D
 Acq: 06 May 2025 17:23

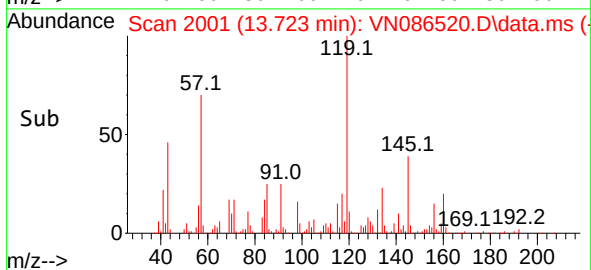
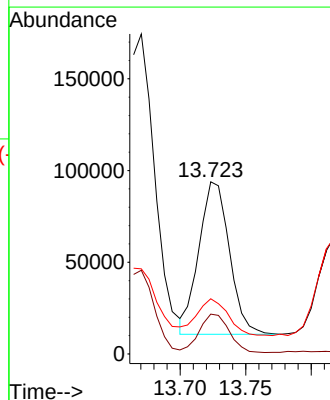
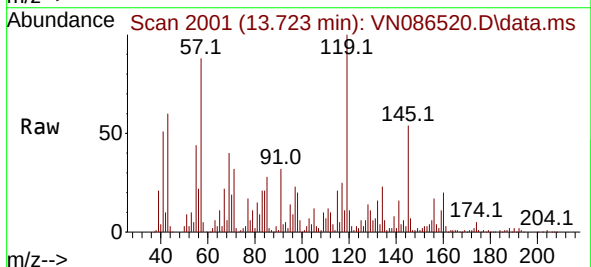
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7

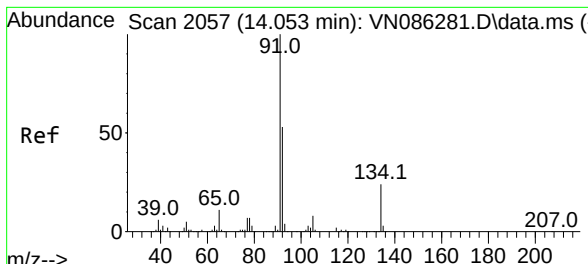
Tgt Ion:105 Resp: 246151
 Ion Ratio Lower Upper
 105 100
 134 25.5 9.7 29.1



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

Tgt Ion:119 Resp: 134722
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.1 39.1
 91 24.4 11.9 35.9

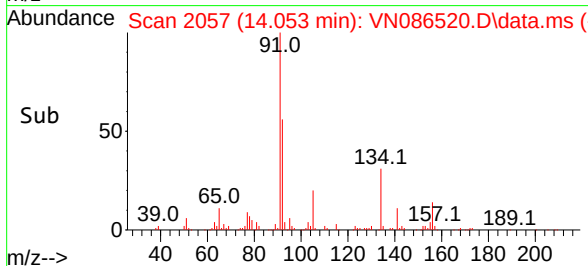
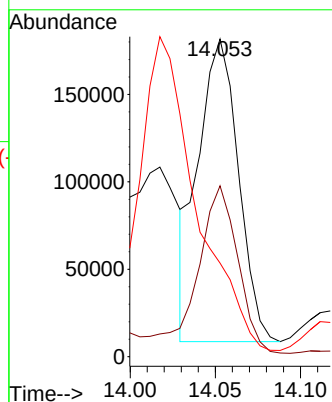
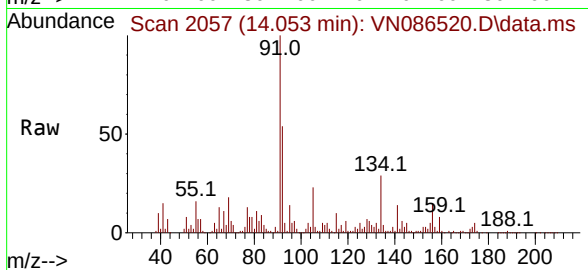




#89
 n-Butylbenzene
 Concen: 31.624 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN086520.D
 Acq: 06 May 2025 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7

Tgt Ion:	91	Resp:	284019
Ion	Ratio	Lower	Upper
91	100		
92	55.4	26.8	80.4
134	0.0	12.2	36.6



Report of Analysis

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

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

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

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7DL

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

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

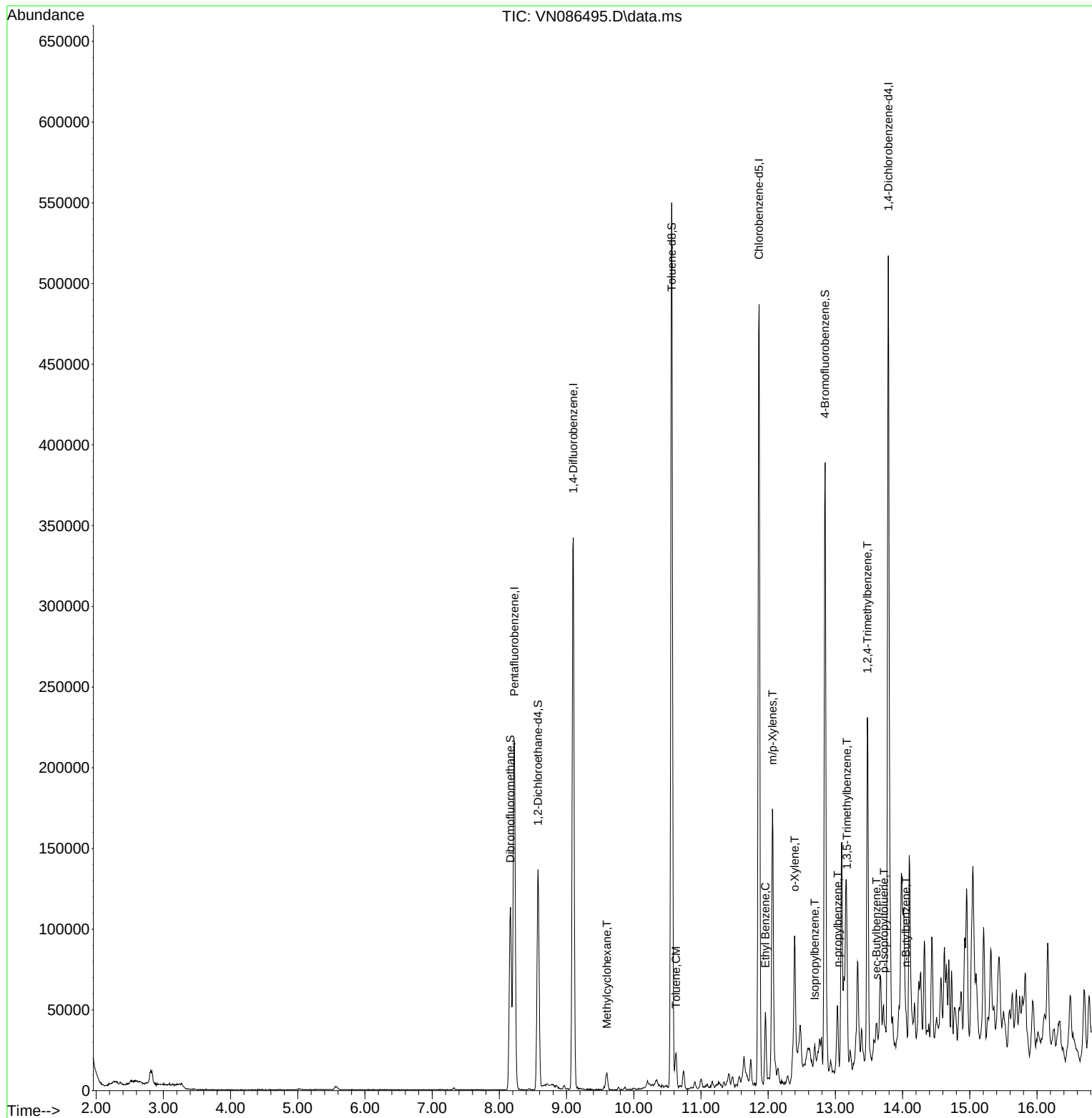
Internal Standards						
1) Pentafluorobenzene	8.224	168	162880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4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

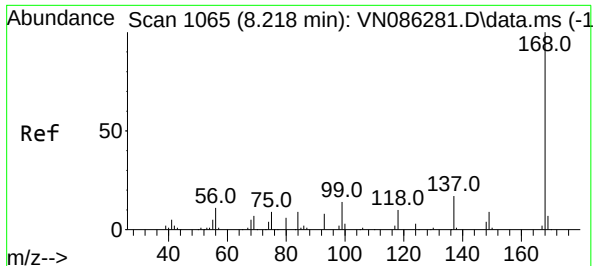
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

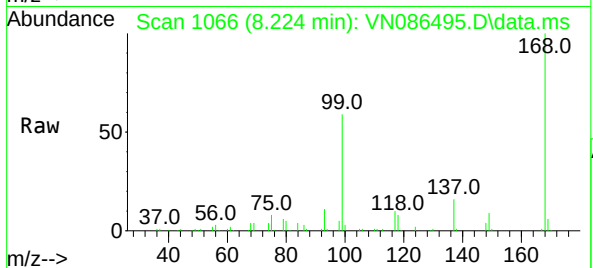
Quant Time: May 06 01:47:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



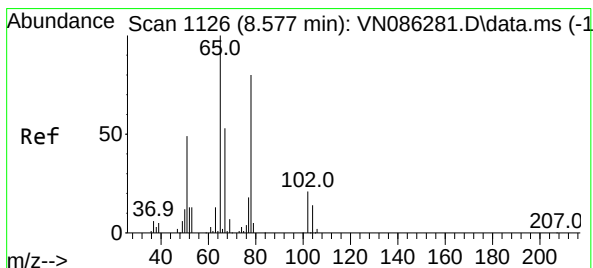
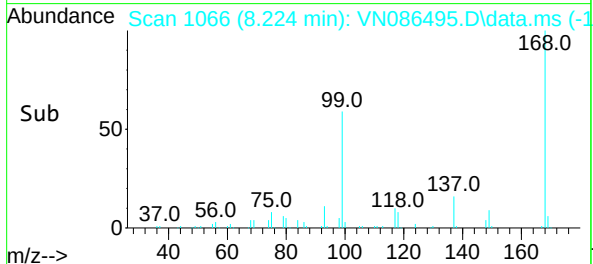
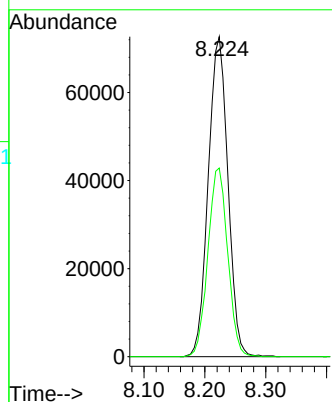


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

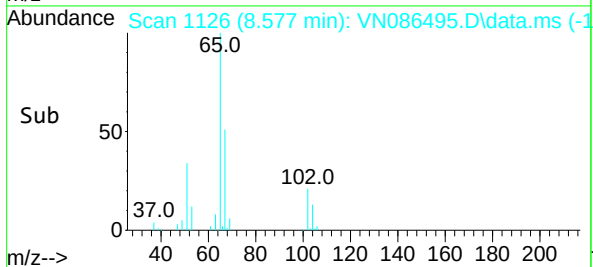
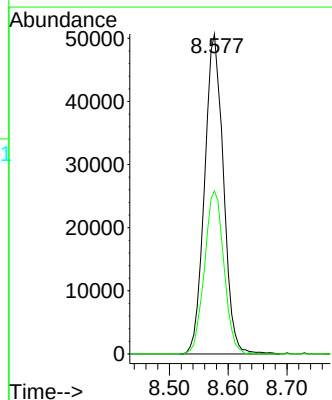
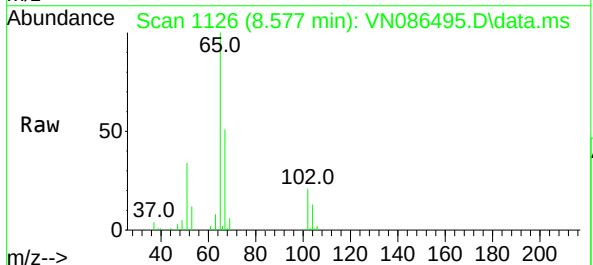


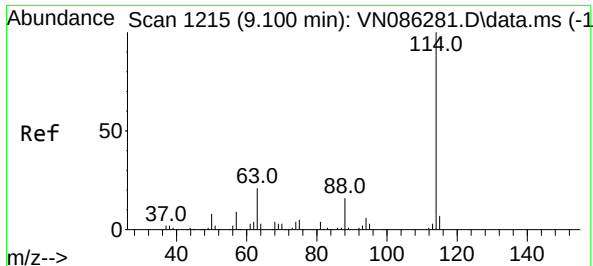
Tgt Ion:168 Resp: 162880
Ion Ratio Lower Upper
168 100
99 58.9 52.5 78.7



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

Tgt Ion: 65 Resp: 112606
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

SS-7DL

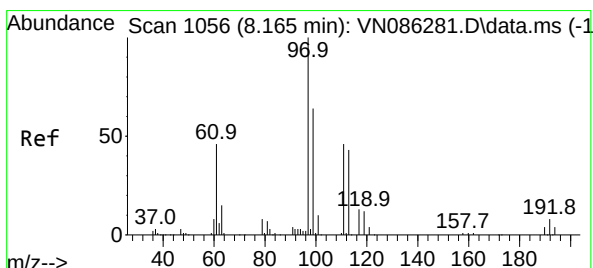
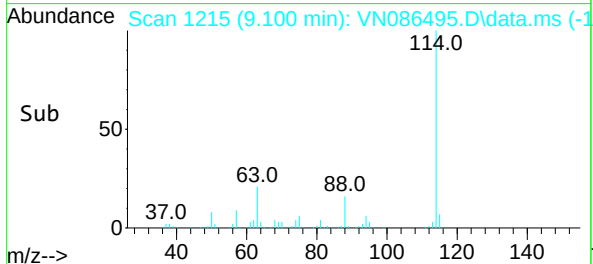
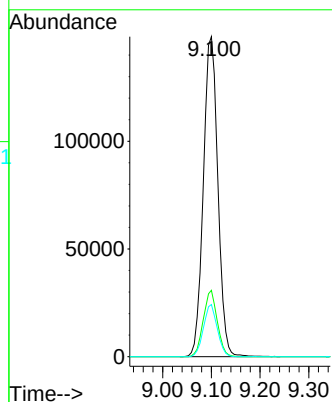
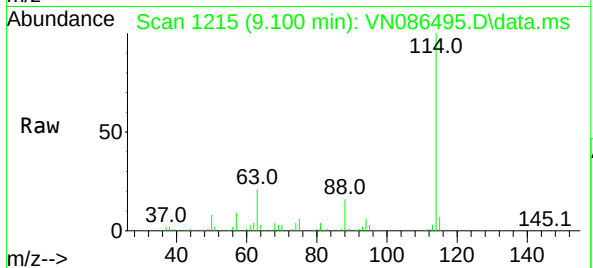
Tgt Ion:114 Resp: 306914

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 16.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.273 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

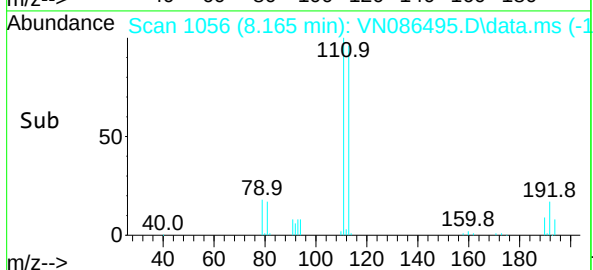
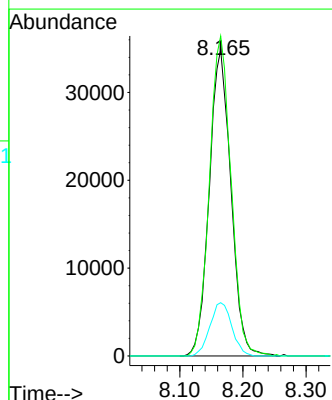
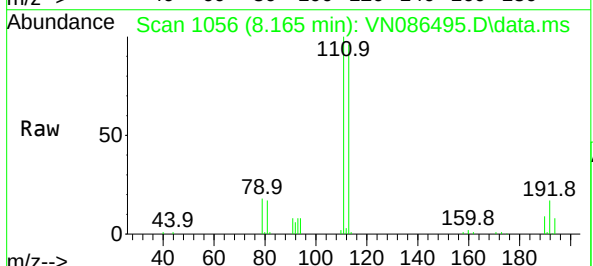
Tgt Ion:113 Resp: 83006

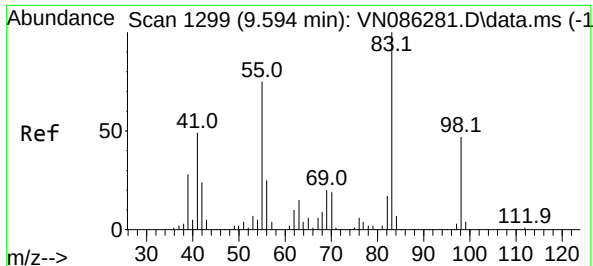
Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.0

192 17.6 13.7 20.5





#39

Methylcyclohexane

Concen: 1.349 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

SS-7DL

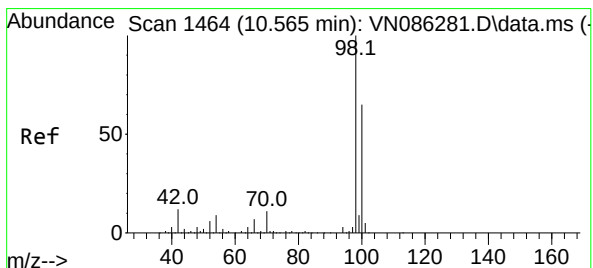
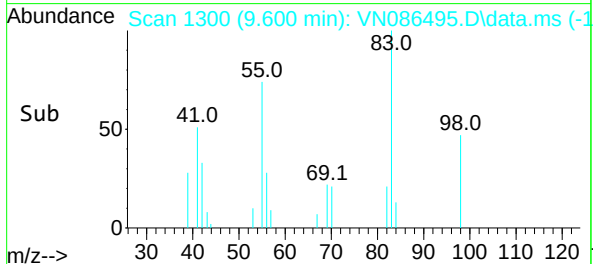
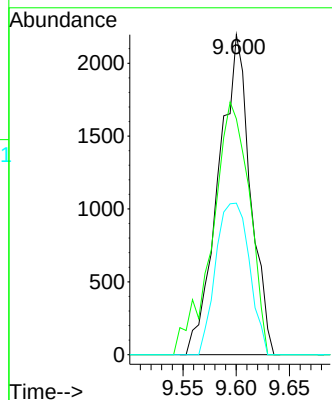
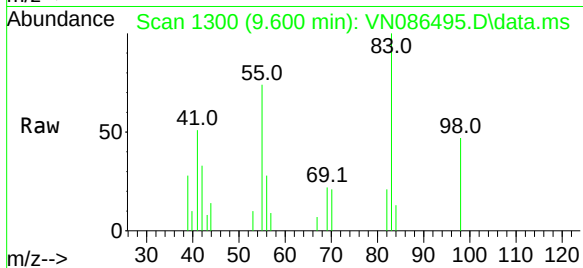
Tgt Ion: 83 Resp: 4562

Ion Ratio Lower Upper

83 100

55 73.7 59.8 89.8

98 47.4 37.9 56.9



#50

Toluene-d8

Concen: 50.184 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086495.D

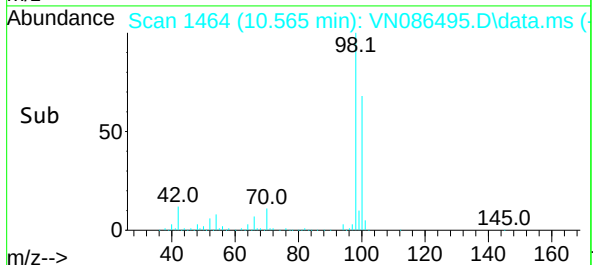
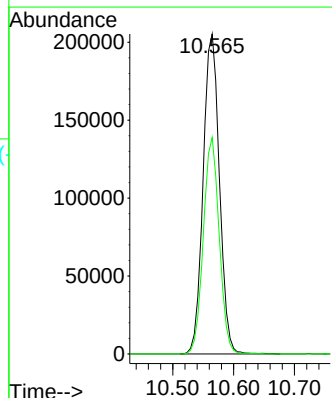
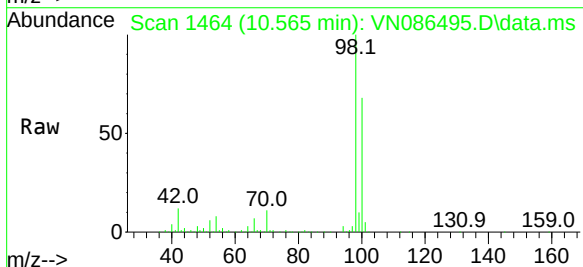
Acq: 05 May 2025 18:49

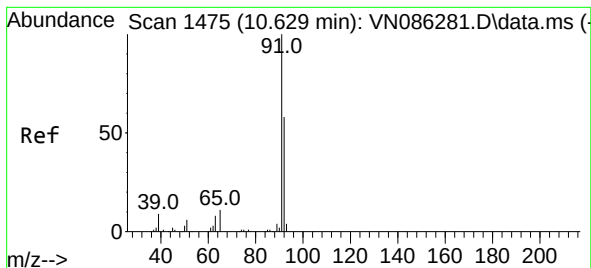
Tgt Ion: 98 Resp: 382043

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7





#52

Toluene

Concen: 1.676 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

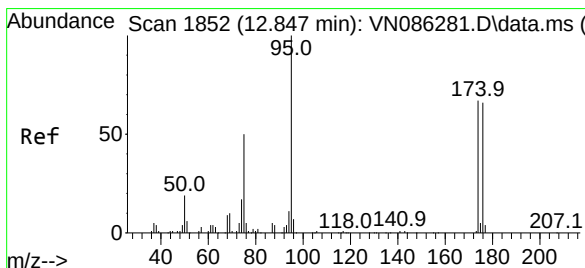
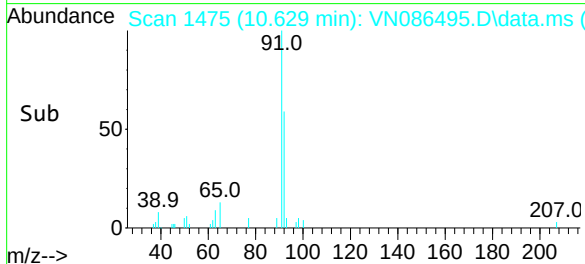
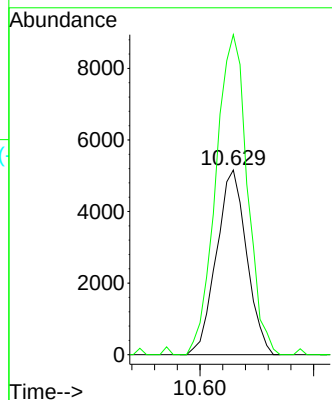
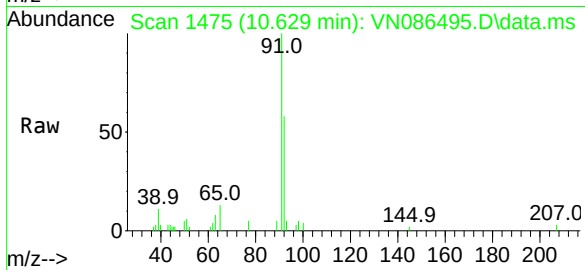
SS-7DL

Tgt Ion: 92 Resp: 9532

Ion Ratio Lower Upper

92 100

91 181.1 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 49.886 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

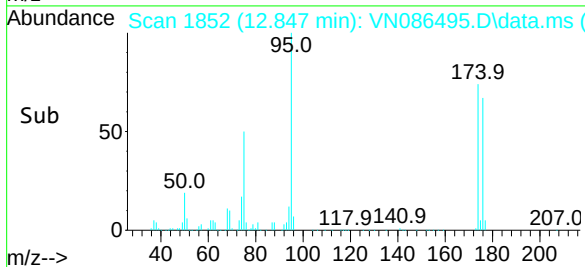
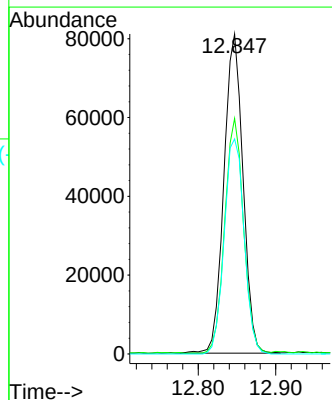
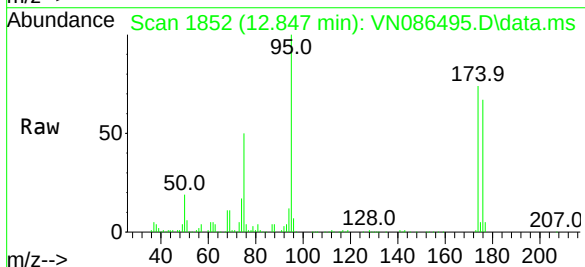
Tgt Ion: 95 Resp: 138519

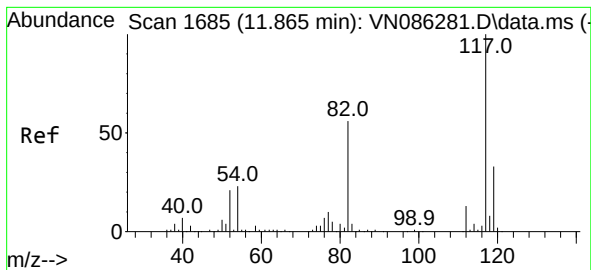
Ion Ratio Lower Upper

95 100

174 72.6 0.0 133.4

176 70.2 0.0 129.2

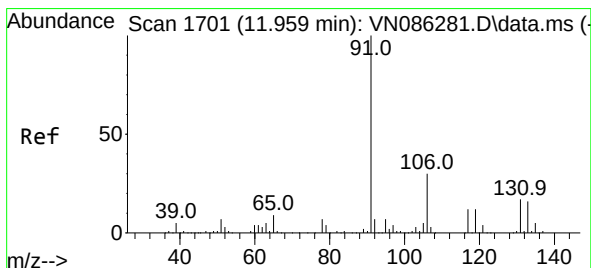
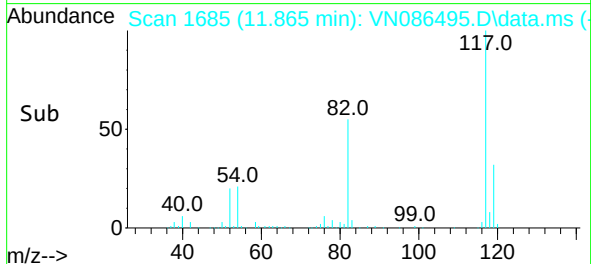
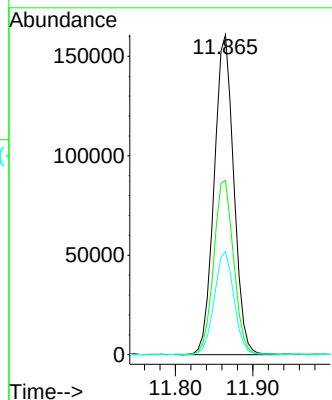
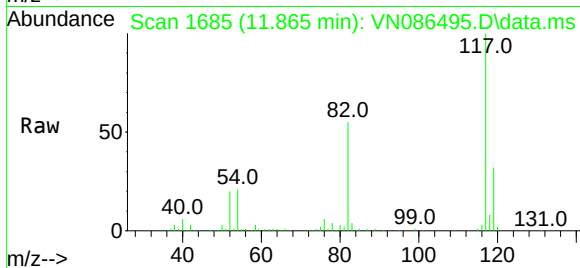




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

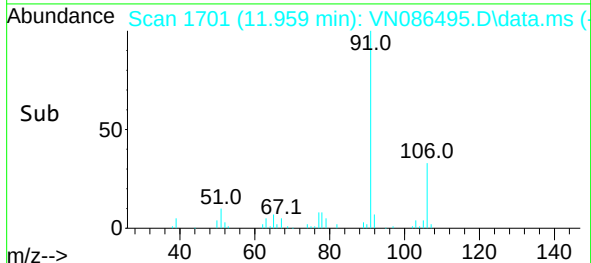
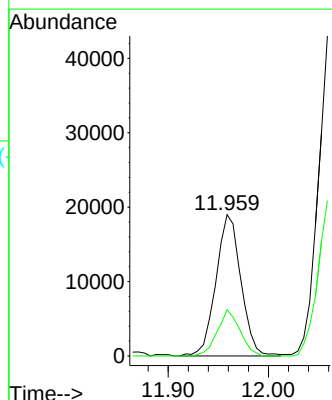
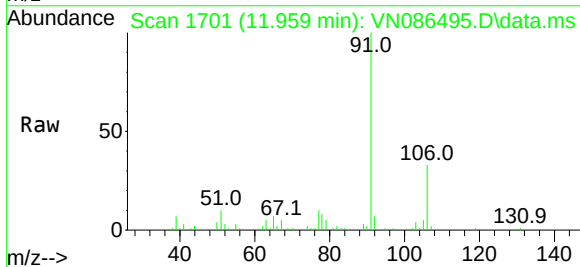
Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

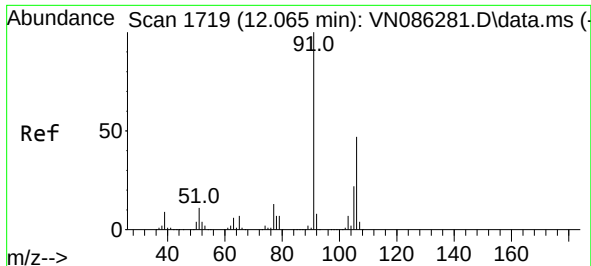
Tgt Ion:117 Resp: 283717
Ion Ratio Lower Upper
117 100
82 54.4 44.7 67.1
119 32.2 26.4 39.6



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

Tgt Ion: 91 Resp: 32834
Ion Ratio Lower Upper
91 100
106 32.7 24.3 36.5

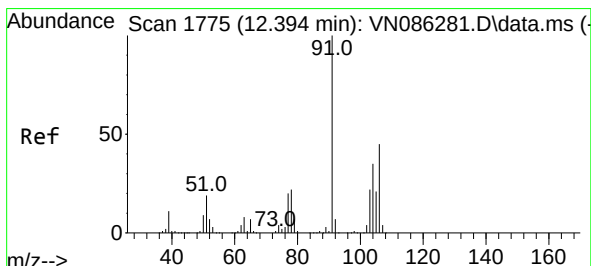
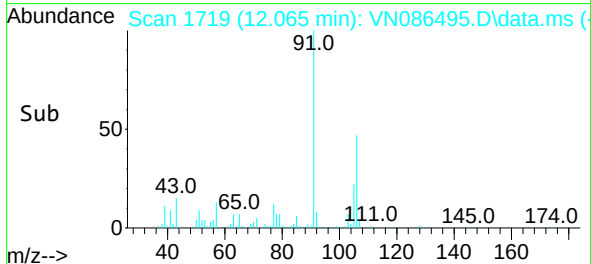
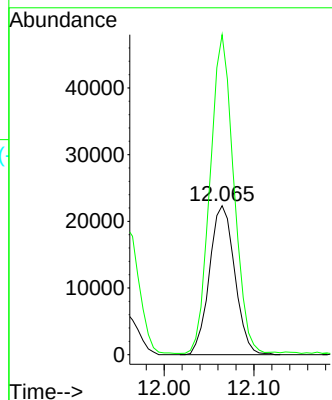
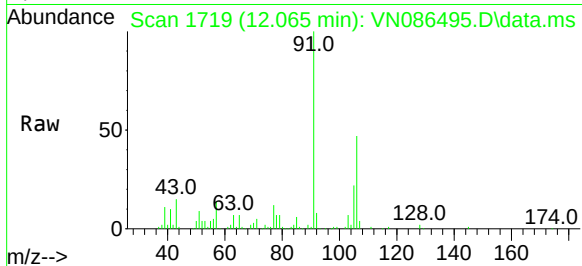




#68
m/p-Xylenes
Concen: 10.218 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

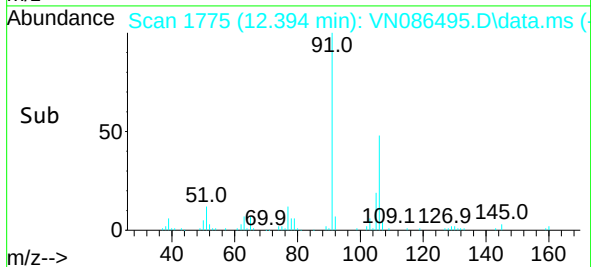
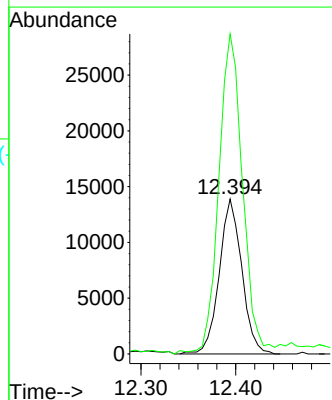
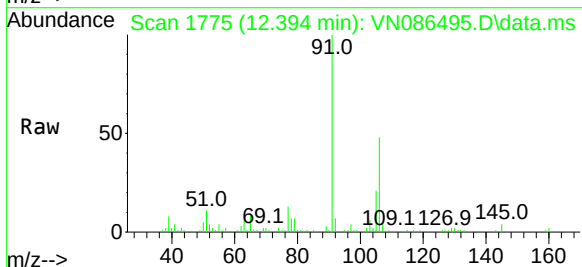
Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

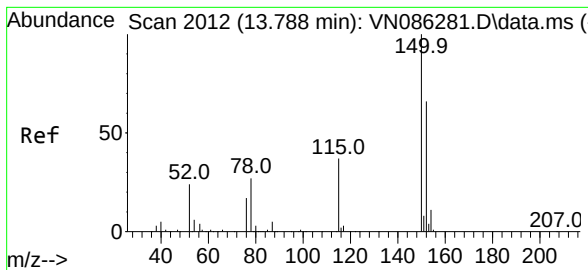
Tgt Ion:106 Resp: 43743
Ion Ratio Lower Upper
106 100
91 200.4 166.5 249.7



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

Tgt Ion:106 Resp: 23003
Ion Ratio Lower Upper
106 100
91 217.8 109.7 329.0

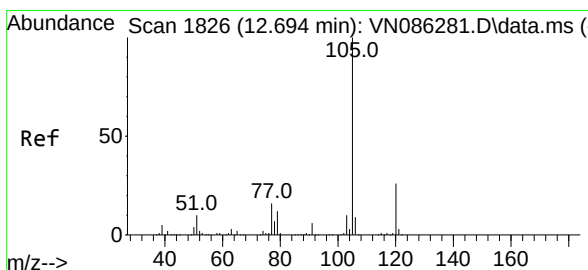
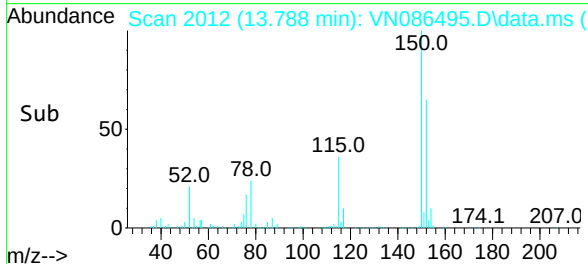
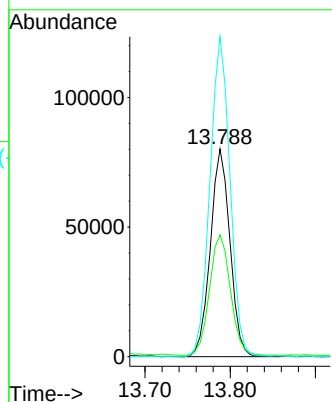
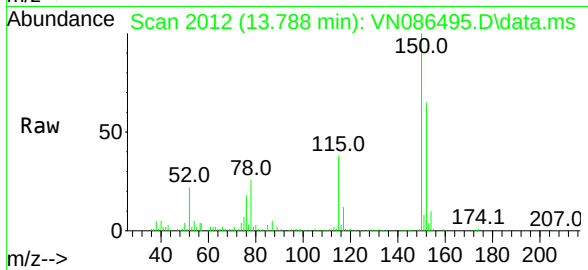




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086495.D
 Acq: 05 May 2025 18:49

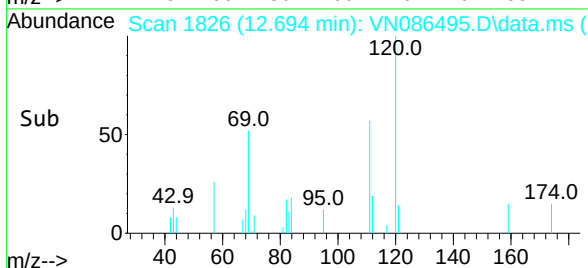
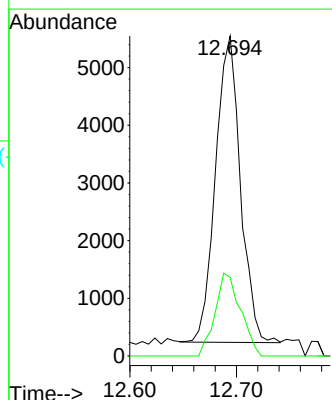
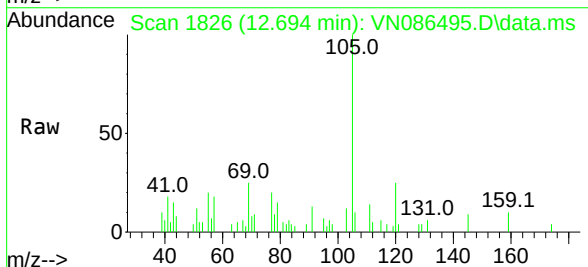
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7DL

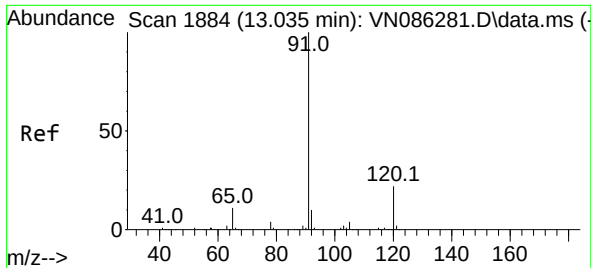
Tgt Ion:152 Resp: 128135
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.9 95.9
 150 157.2 0.0 352.0



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

Tgt Ion:105 Resp: 8606
 Ion Ratio Lower Upper
 105 100
 120 27.6 13.1 39.3

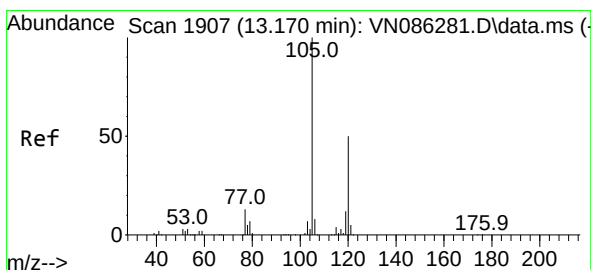
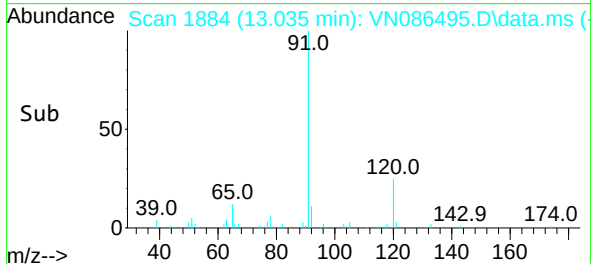
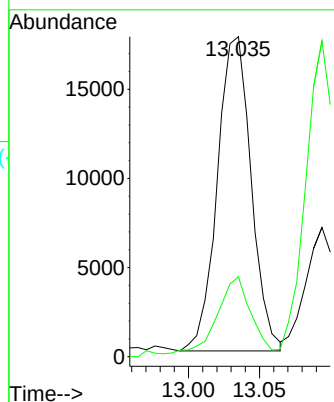
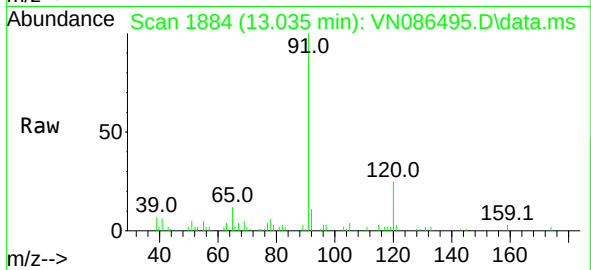




#78
n-propylbenzene
Concen: 2.365 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

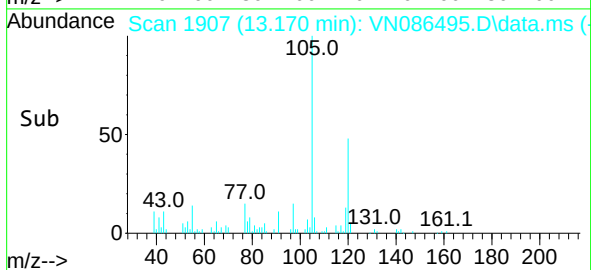
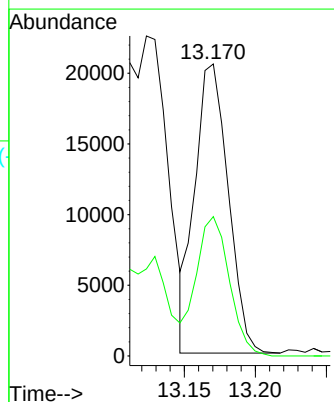
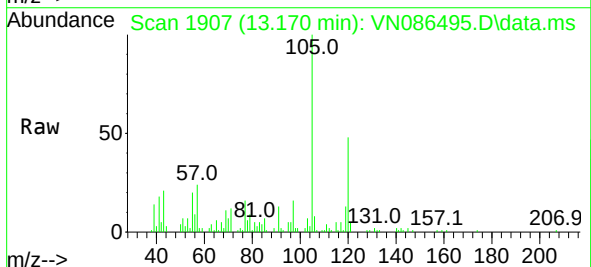
Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

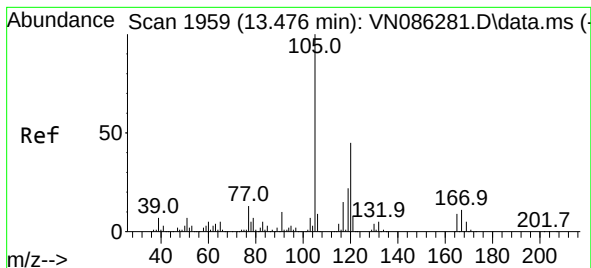
Tgt Ion: 91 Resp: 29212
Ion Ratio Lower Upper
91 100
120 24.0 11.1 33.3



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

Tgt Ion: 105 Resp: 33369
Ion Ratio Lower Upper
105 100
120 48.1 24.5 73.5





#84

1,2,4-Trimethylbenzene

Concen: 14.312 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

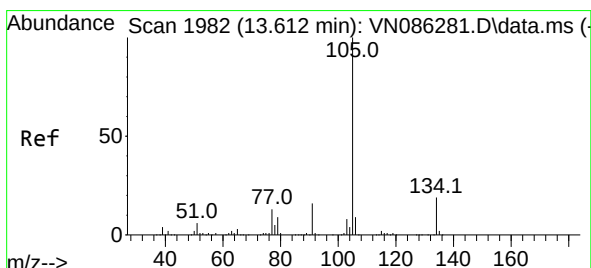
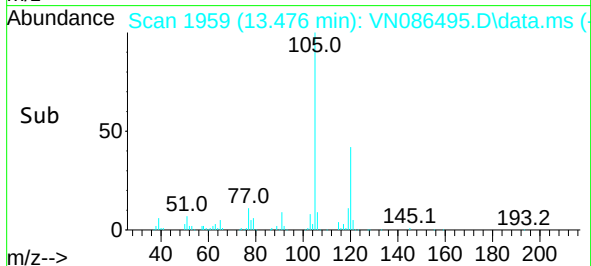
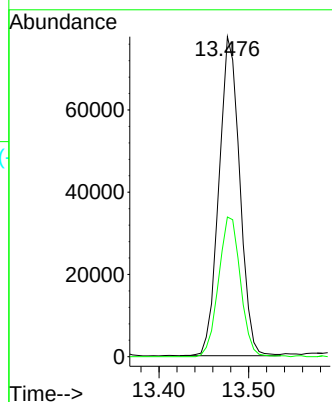
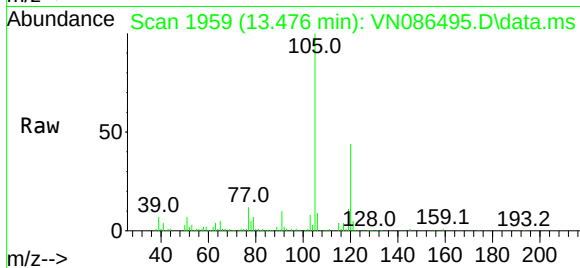
SS-7DL

Tgt Ion:105 Resp: 124985

Ion Ratio Lower Upper

105 100

120 46.1 22.4 67.3



#85

sec-Butylbenzene

Concen: 0.974 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086495.D

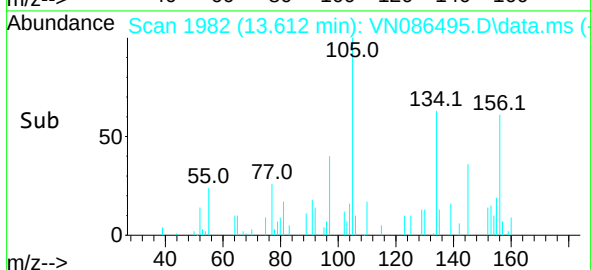
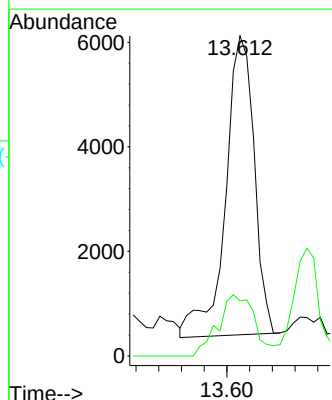
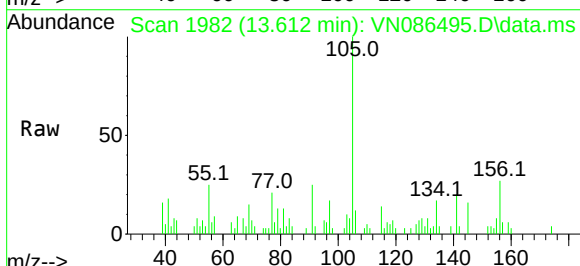
Acq: 05 May 2025 18:49

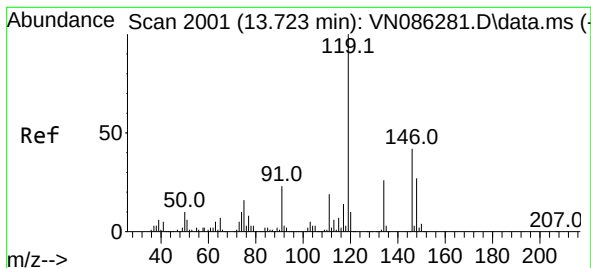
Tgt Ion:105 Resp: 10040

Ion Ratio Lower Upper

105 100

134 26.1 9.7 29.1

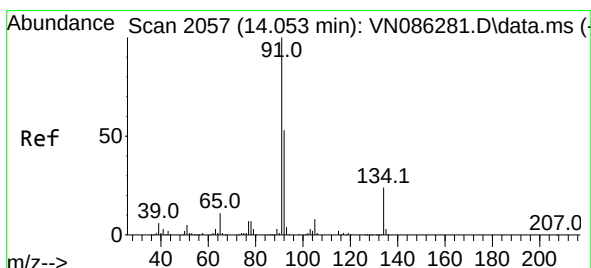
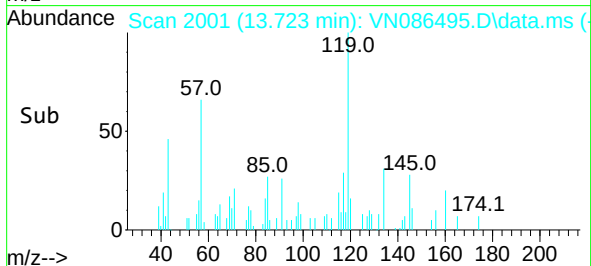
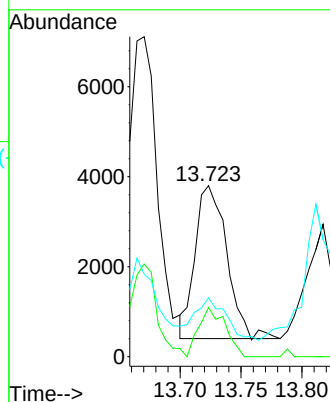
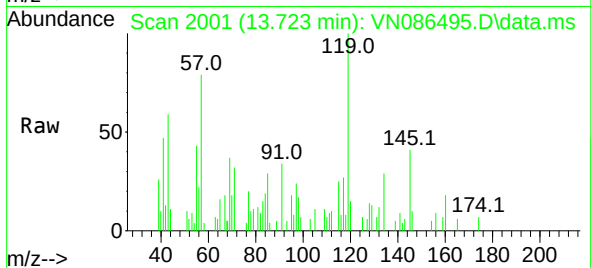




#86
p-Isopropyltoluene
Concen: 0.724 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

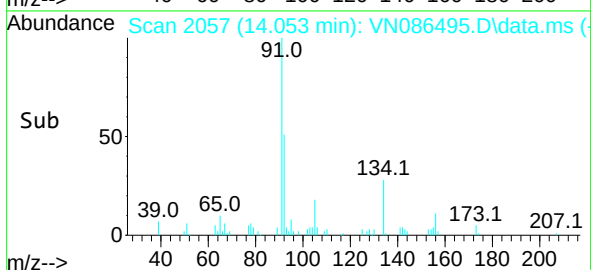
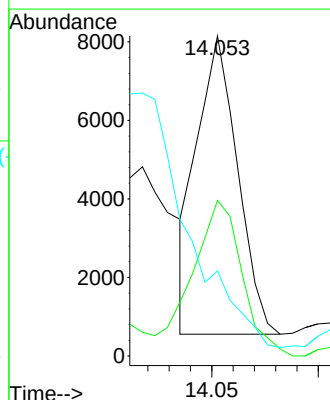
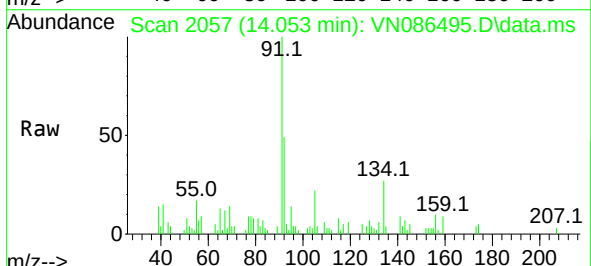
Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion:	119	Resp:	6157
Ion Ratio	Lower	Upper	
119	100		
134	27.1	13.1	39.1
91	27.2	11.9	35.9



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

Tgt Ion:	91	Resp:	10058
Ion Ratio	Lower	Upper	
91	100		
92	63.7	26.8	80.4
134	0.0	12.2	36.6



Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	19.9		0.55	3.50	ug/Kg
108-88-3	Toluene	640	E	0.55	3.50	ug/Kg
100-41-4	Ethyl Benzene	780	E	0.47	3.50	ug/Kg
1330-20-7	Total Xylenes	4200	E	1.44	10.5	ug/Kg
98-82-8	Isopropylbenzene	320	E	0.55	3.50	ug/Kg
103-65-1	n-propylbenzene	420	E	0.51	3.50	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	470	E	0.57	3.50	ug/Kg
98-06-6	tert-Butylbenzene	0.47	U	0.47	3.50	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	710	E	0.45	3.50	ug/Kg
135-98-8	sec-Butylbenzene	280	E	0.46	3.50	ug/Kg
99-87-6	p-Isopropyltoluene	180	E	0.43	3.50	ug/Kg
104-51-8	n-Butylbenzene	320	E	1.00	3.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	36.9		63 - 155	74%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	100	*	74 - 123	208%	SPK: 50
460-00-4	4-Bromofluorobenzene	220	*	38 - 136	447%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	521000	7.707			
540-36-3	1,4-Difluorobenzene	815000	8.616			
3114-55-4	Chlorobenzene-d5	583000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	512000	13.353			
TENTATIVE IDENTIFIED COMPOUNDS						
000111-65-9	Octane	290	J		10.3	ug/Kg
003221-61-2	Octane, 2-methyl-	670	J		11.2	ug/Kg
002216-33-3	Octane, 3-methyl-	390	J		11.3	ug/Kg
000932-56-9	Cycloheptanone, 2-methyl-	480	J		12.2	ug/Kg
000622-96-8	Benzene, 1-ethyl-4-methyl-	530	J		12.7	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	450	J		12.9	ug/Kg
004551-51-3	1H-Indene, octahydro-, cis-	270	J		13.0	ug/Kg
000527-84-4	o-Cymene	330	J		13.2	ug/Kg

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
022250-74-4	Bicyclo[4.2.0]octa-1,3,5-triene, 3	430	J		13.6	ug/Kg
000091-17-8	Naphthalene, decahydro-	350	J		13.7	ug/Kg
75-09-2	Methylene Chloride	2.50	J		4.62	ug/Kg
110-82-7	Cyclohexane	220	J		7.70	ug/Kg
Total VOC TICs	Total VOC TICs	4190	J		124	ug/Kg
108-87-2	Methylcyclohexane	990	J		9.12	ug/Kg
179601-23-1	m/p-Xylenes	2200	J		11.6	ug/Kg
95-47-6	o-Xylene	2000	J		11.9	ug/Kg
ABZT	Alkylbenzenes, Total	2700	J		12.6	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-8

Manual Integrations
 APPROVED

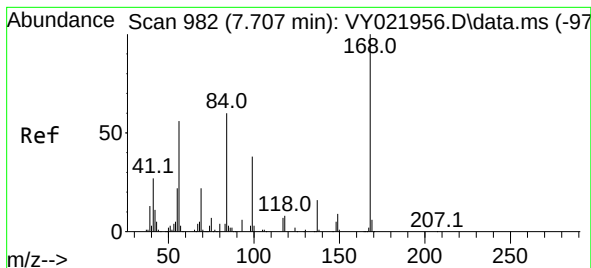
Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025

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

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

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

SS-8

Tgt Ion:168 Resp: 521018

Ion Ratio Lower Upper

168 100

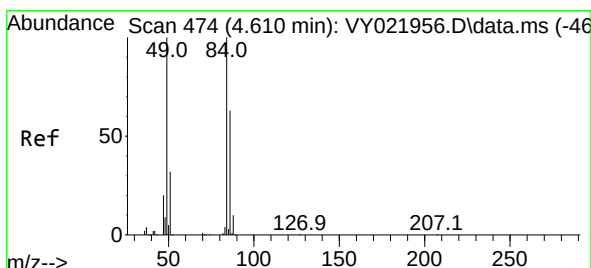
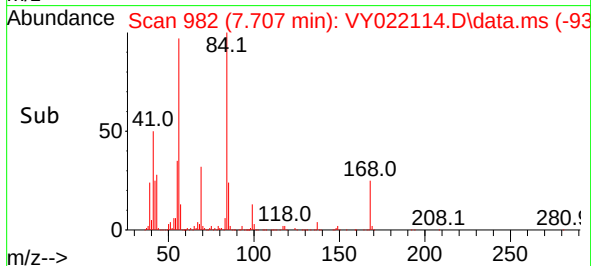
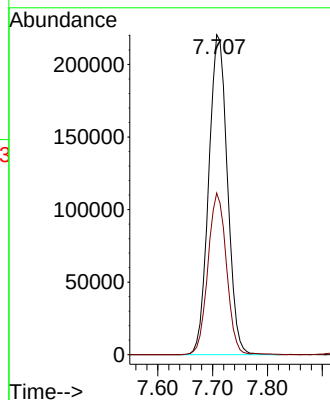
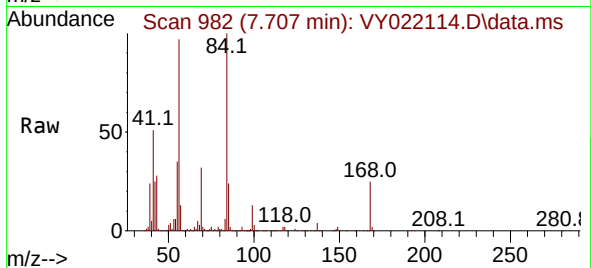
99 50.5 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#20

Methylene Chloride

Concen: 3.547 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Tgt Ion: 84 Resp: 21583

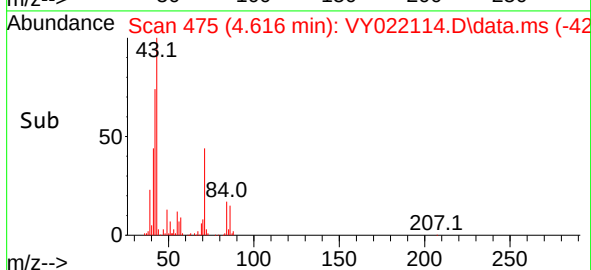
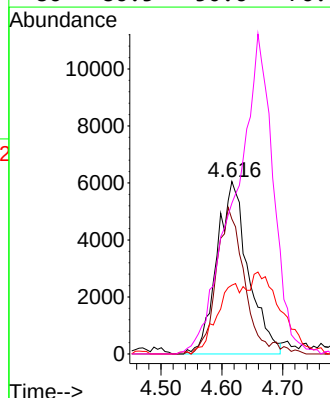
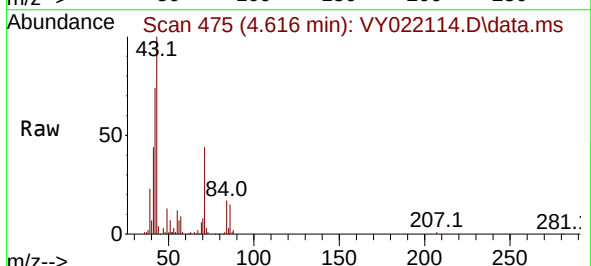
Ion Ratio Lower Upper

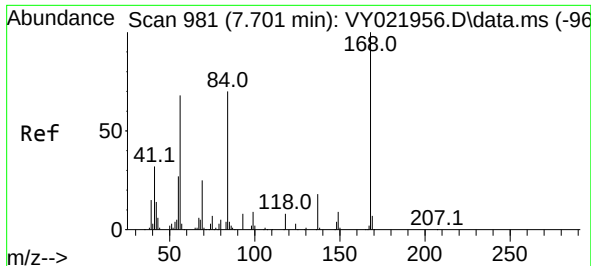
84 100

49 78.2 79.9 119.9#

51 38.9 25.4 38.0#

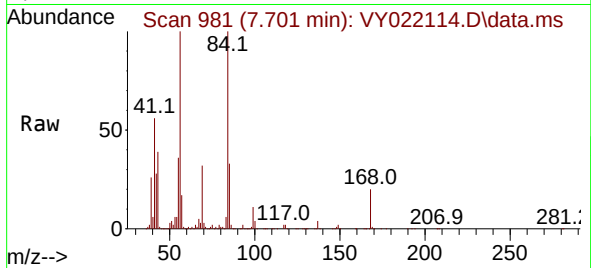
86 86.5 50.6 76.0#





#31
Cyclohexane
Concen: 316.693 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

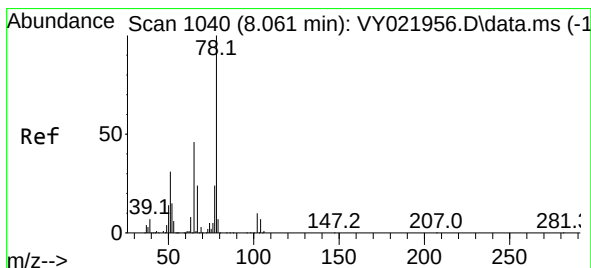
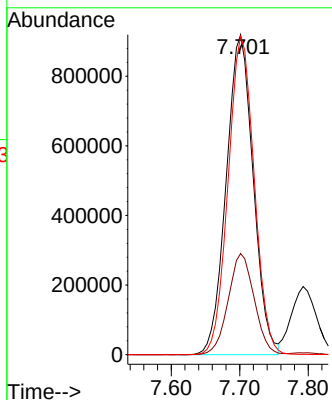
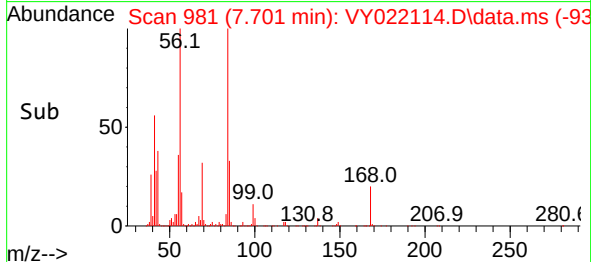
Instrument :
MSVOA_Y
ClientSampleId :
SS-8



Tgt Ion: 56 Resp: 2519440
Ion Ratio Lower Upper
56 100
69 31.6 29.4 44.2
84 99.5 82.2 123.4

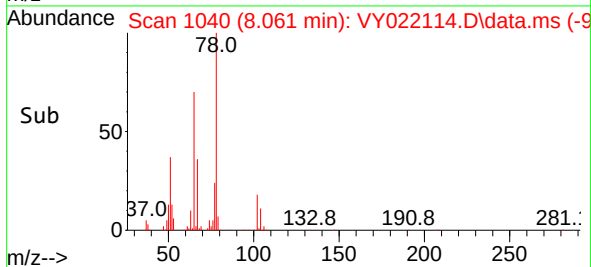
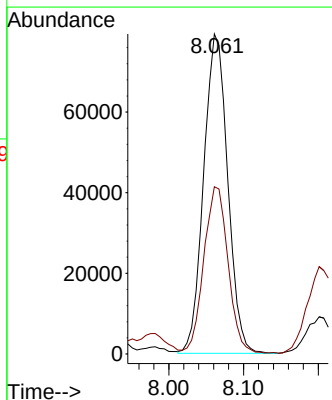
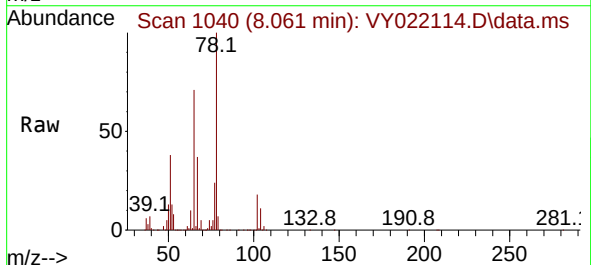
Manual Integrations
APPROVED

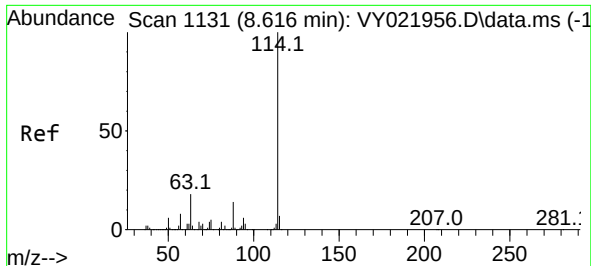
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

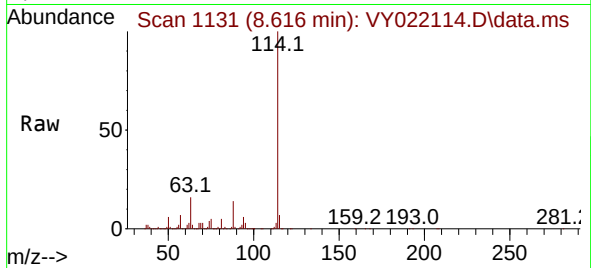
Tgt Ion: 65 Resp: 177553
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

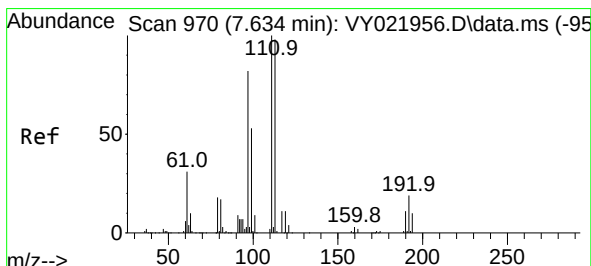
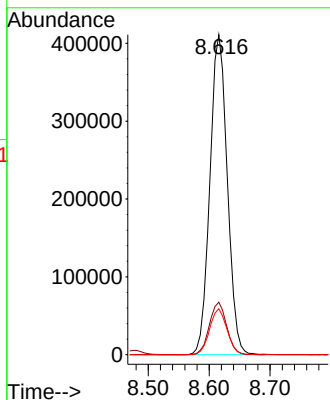
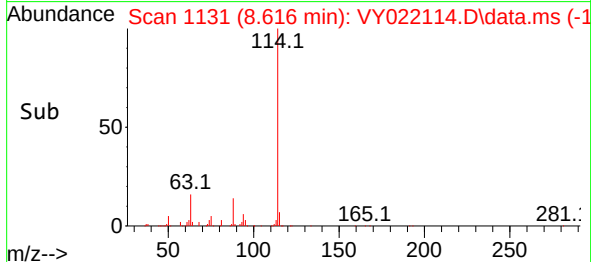
Instrument :
MSVOA_Y
ClientSampleId :
SS-8



Tgt Ion:114 Resp: 814848
Ion Ratio Lower Upper
114 100
63 16.4 0.0 35.4
88 14.4 0.0 28.2

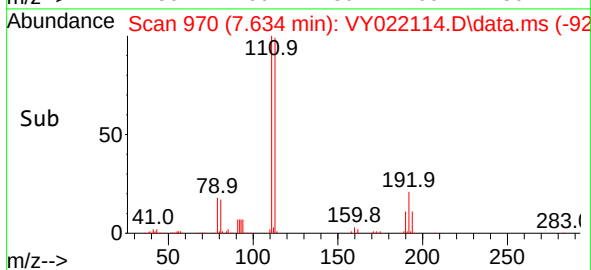
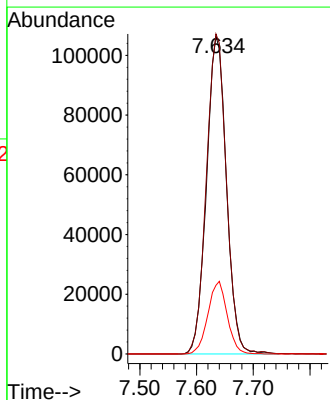
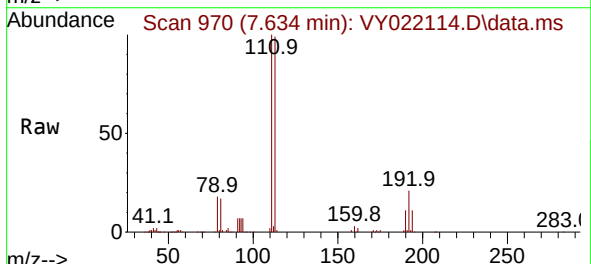
Manual Integrations
APPROVED

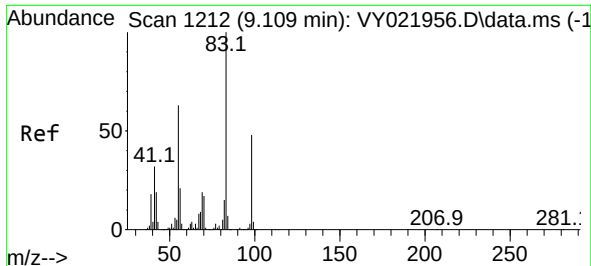
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

Tgt Ion:113 Resp: 259836
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.8
192 22.1 15.6 23.4





#39

Methylcyclohexane

Concen: 1410.235 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

SS-8

Tgt Ion: 83 Resp:1283328

Ion Ratio Lower Upper

83 100

55 65.9 50.6 75.8

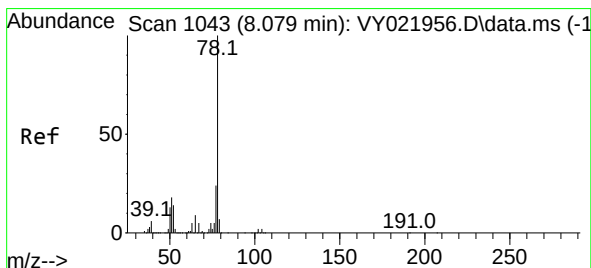
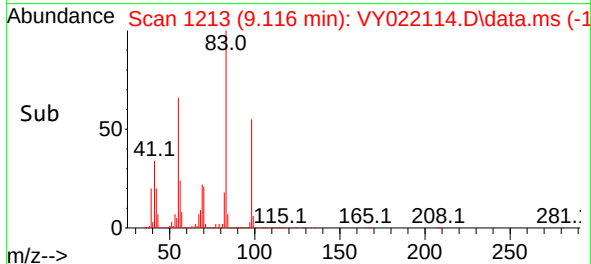
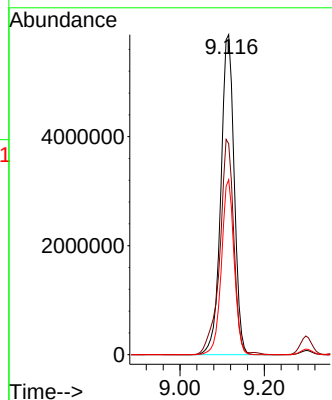
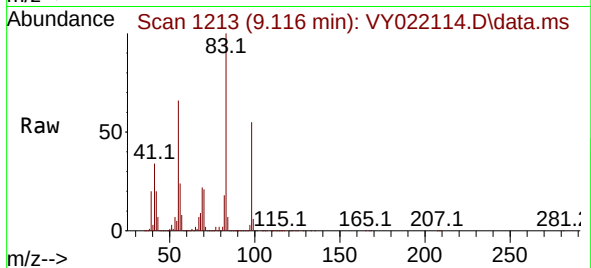
98 54.6 38.6 58.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#40

Benzene

Concen: 28.480 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022114.D

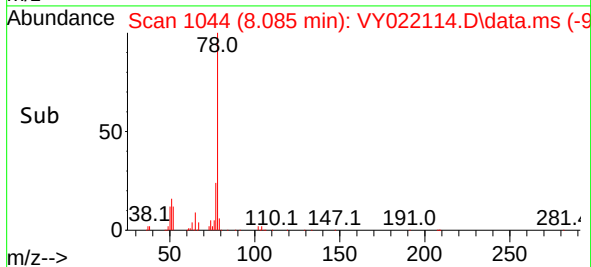
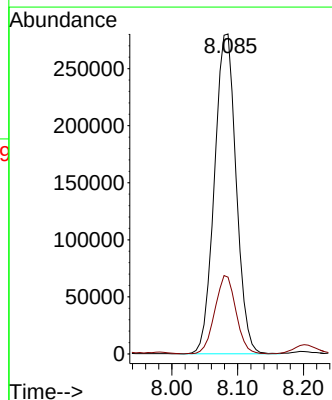
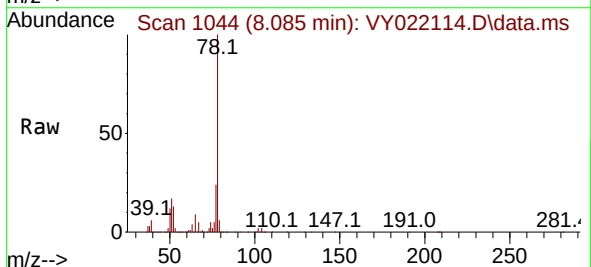
Acq: 01 May 2025 18:00

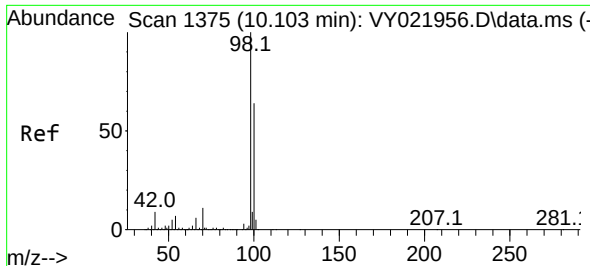
Tgt Ion: 78 Resp: 643784

Ion Ratio Lower Upper

78 100

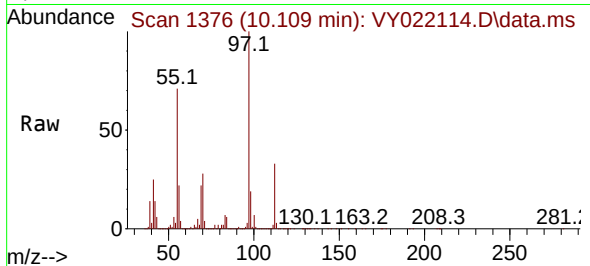
77 23.9 19.3 28.9





#50
Toluene-d8
Concen: 103.831 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

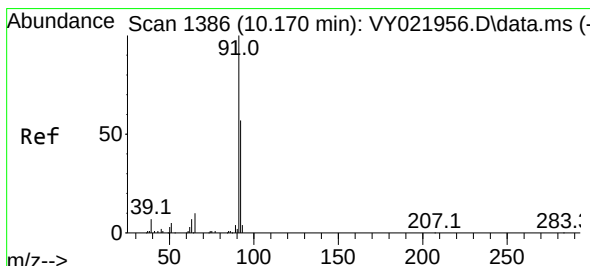
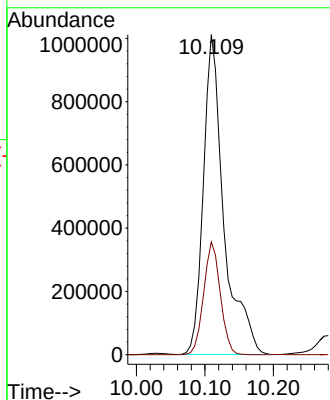
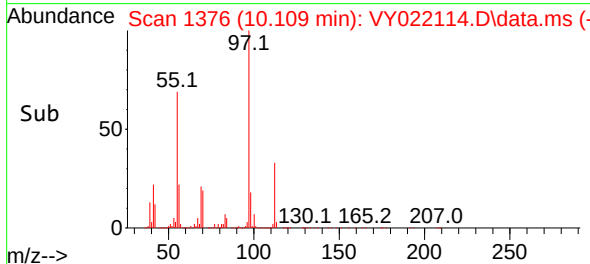
Instrument :
MSVOA_Y
ClientSampleId :
SS-8



Tgt Ion: 98 Resp: 2107268
Ion Ratio Lower Upper
98 100
100 28.5 51.6 77.4

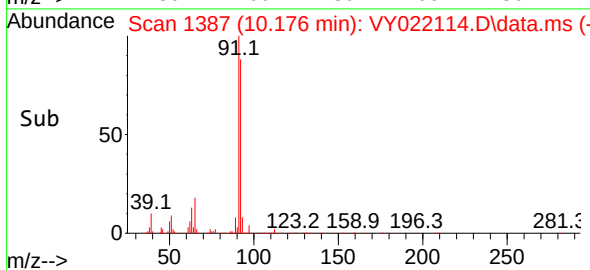
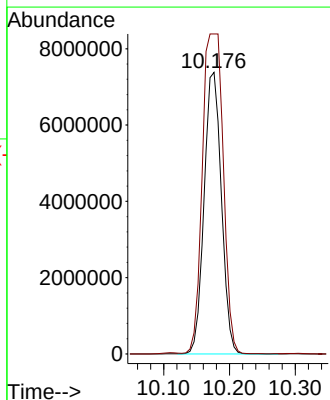
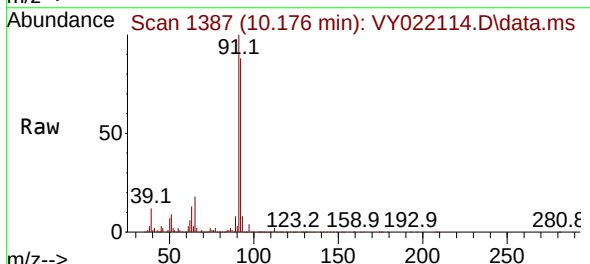
Manual Integrations
APPROVED

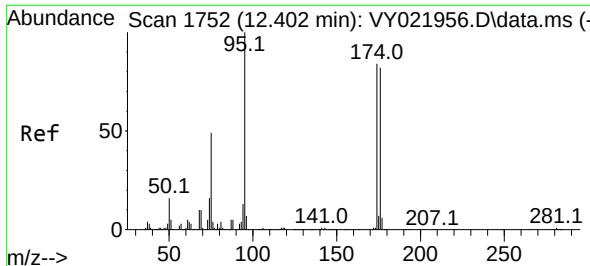
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

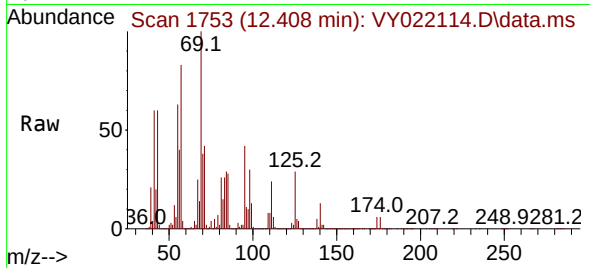
Tgt Ion: 92 Resp:13461118
Ion Ratio Lower Upper
92 100
91 137.9 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 223.683 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

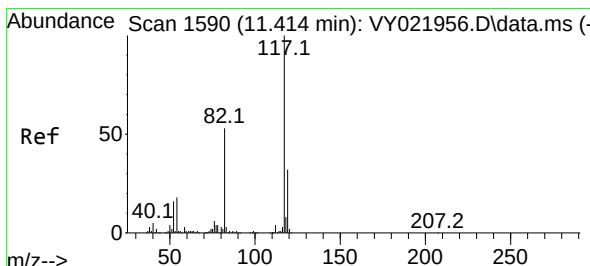
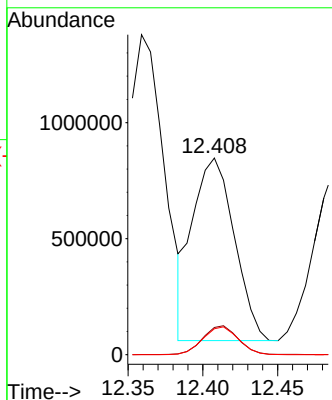
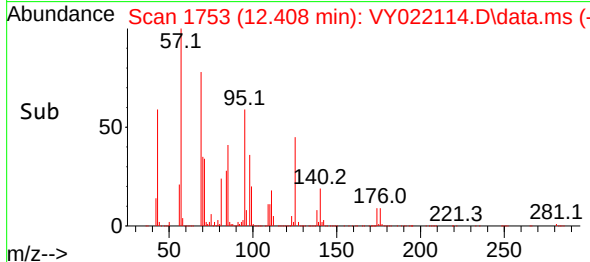
Instrument :
MSVOA_Y
ClientSampleId :
SS-8



Tgt Ion: 95 Resp: 1528230
Ion Ratio Lower Upper
95 100
174 13.6 0.0 179.0
176 13.1 0.0 171.8

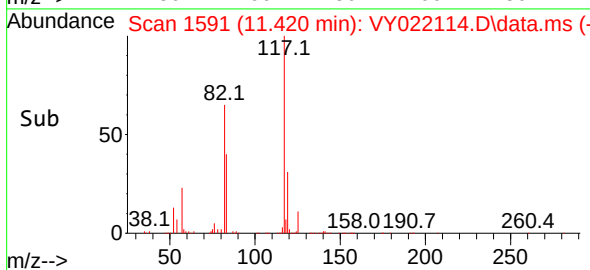
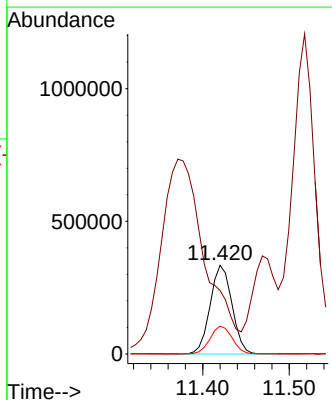
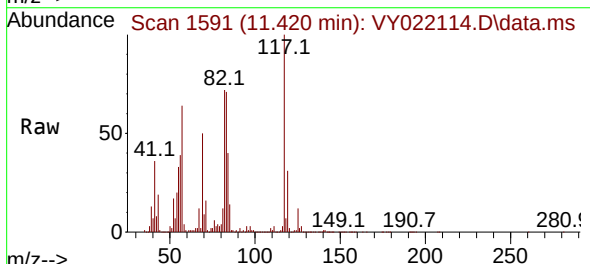
Manual Integrations
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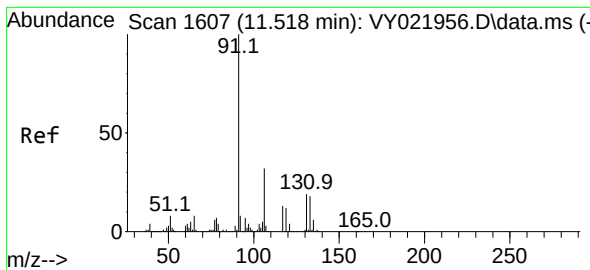
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



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

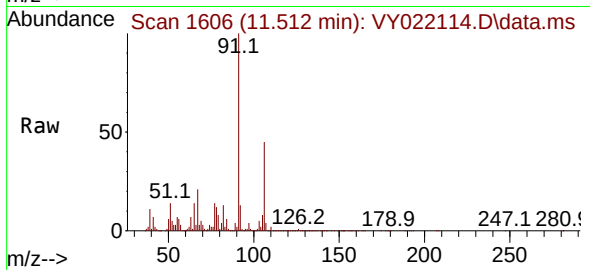
Tgt Ion:117 Resp: 583005
Ion Ratio Lower Upper
117 100
82 0.0 42.1 63.1#
119 31.4 25.7 38.5





#67
Ethyl Benzene
Concen: 1115.339 ug/l m
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

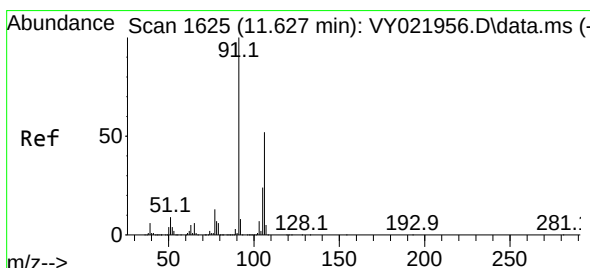
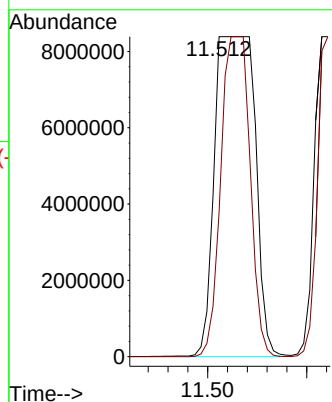
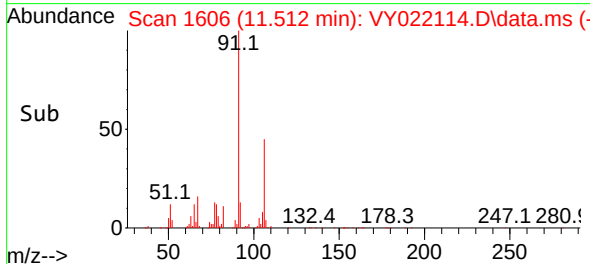
Instrument :
MSVOA_Y
ClientSampleId :
SS-8



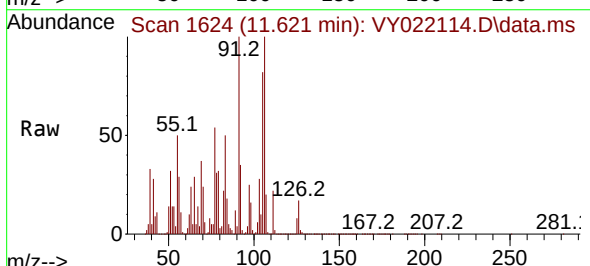
Tgt Ion: 91 Resp:2378708
Ion Ratio Lower Upper
91 100
106 45.1 25.9 38.9

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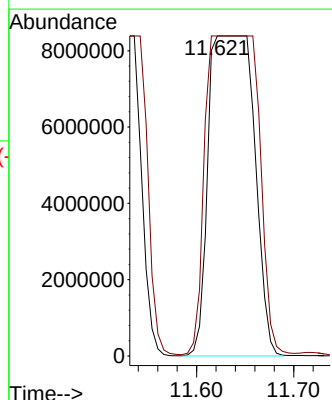
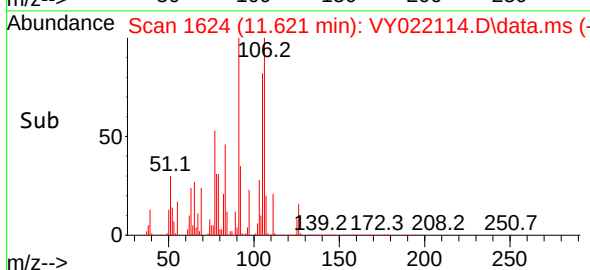
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

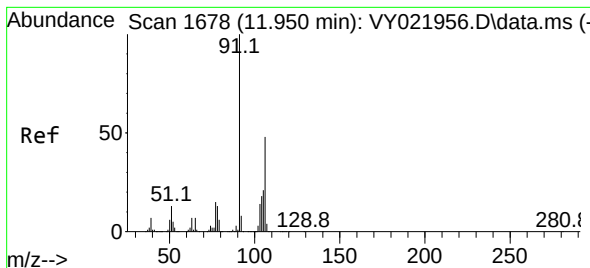


#68
m/p-Xylenes
Concen: 3214.042 ug/l m
RT: 11.621 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00



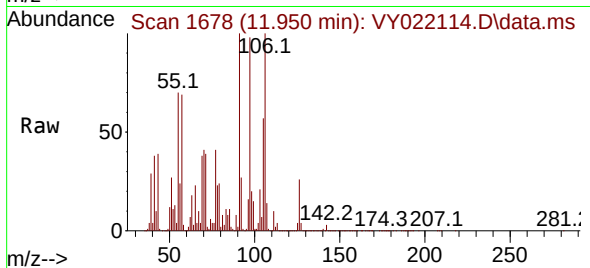
Tgt Ion:106 Resp:27276221
Ion Ratio Lower Upper
106 100
91 0.0 156.2 234.2#





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

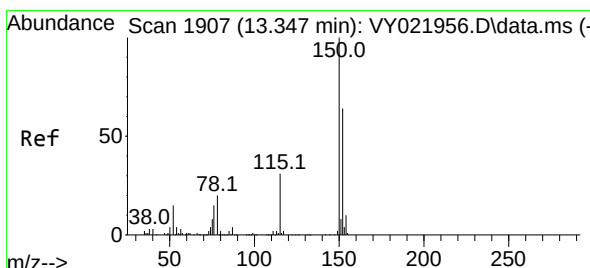
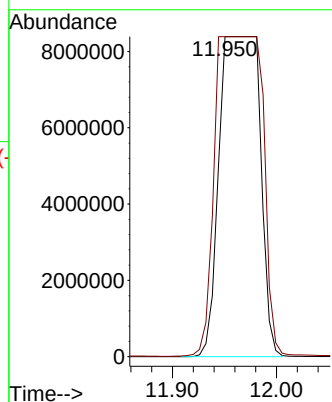
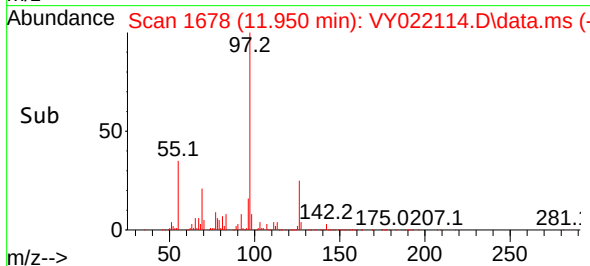
Instrument :
MSVOA_Y
ClientSampleId :
SS-8



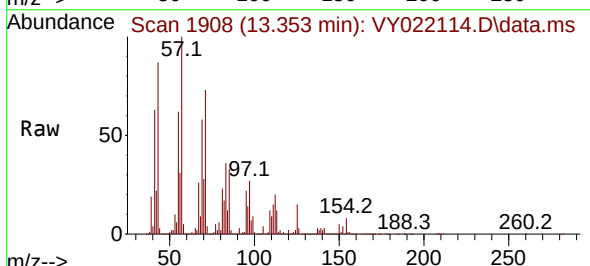
Tgt Ion:106 Resp:2280493
Ion Ratio Lower Upper
106 100
91 0.0 103.0 308.9

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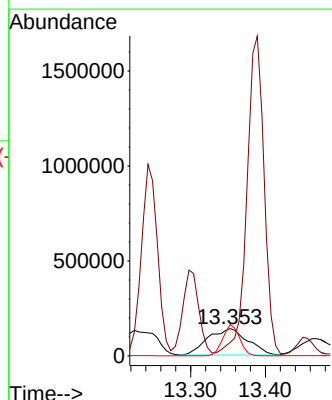
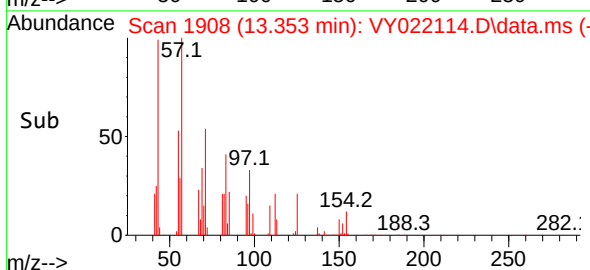
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

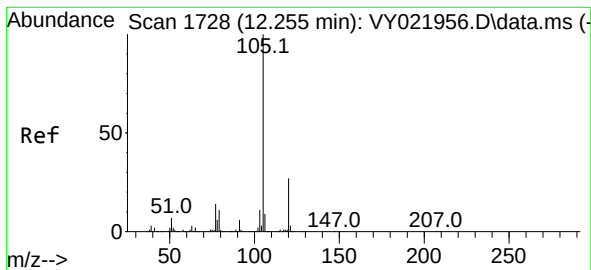


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00



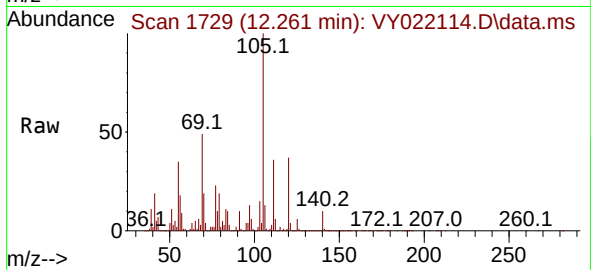
Tgt Ion:152 Resp: 511573
Ion Ratio Lower Upper
152 100
115 0.0 28.0 84.0#
150 50.2 0.0 345.6





#73
Isopropylbenzene
Concen: 454.561 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

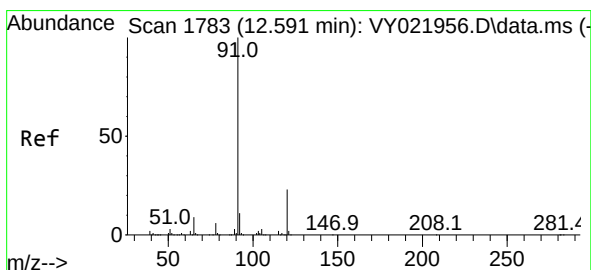
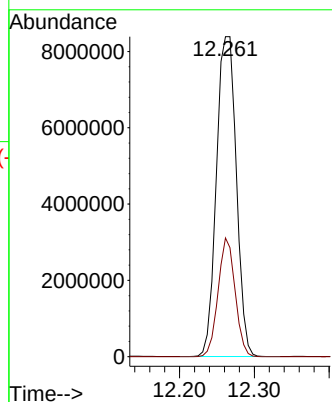
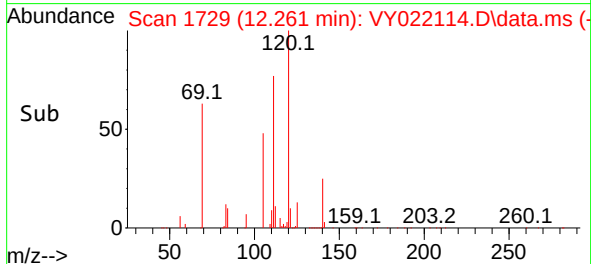
Instrument :
MSVOA_Y
ClientSampleId :
SS-8



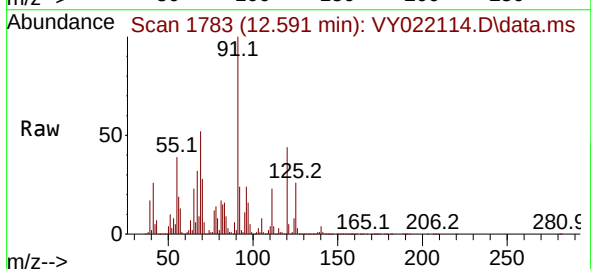
Tgt Ion:105 Resp:15536198
Ion Ratio Lower Upper
105 100
120 31.8 13.5 40.5

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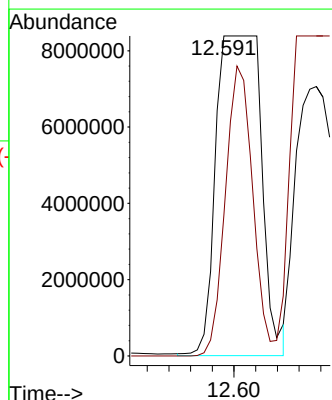
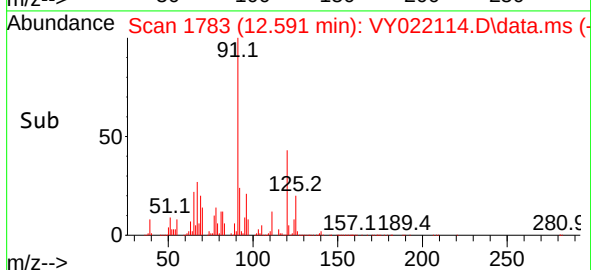
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

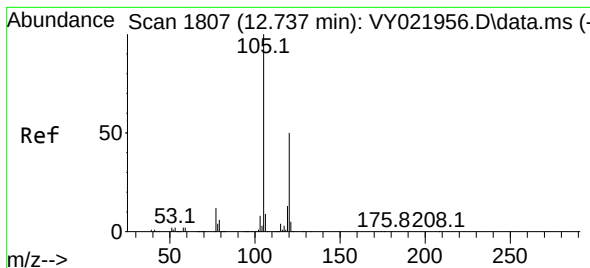


#78
n-propylbenzene
Concen: 595.810 ug/l m
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00



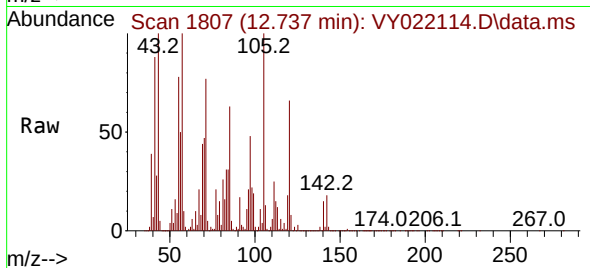
Tgt Ion: 91 Resp:24251065
Ion Ratio Lower Upper
91 100
120 12.5 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 670.352 ug/l m
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

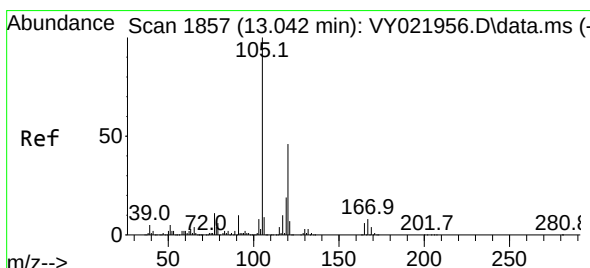
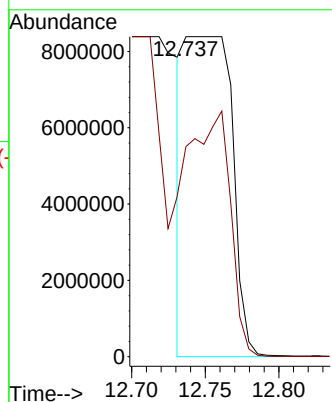
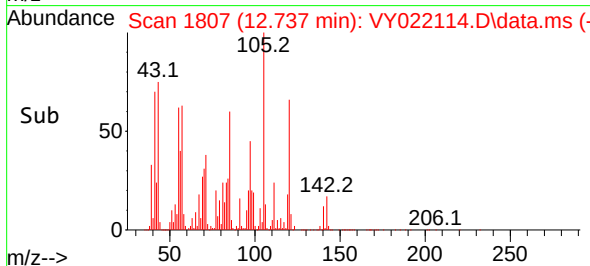
Instrument :
MSVOA_Y
ClientSampleId :
SS-8



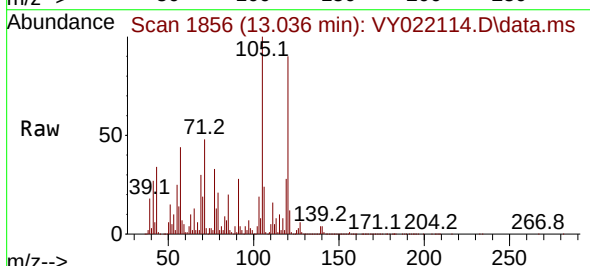
Tgt Ion:105 Resp:18877935
Ion Ratio Lower Upper
105 100
120 16.1 25.0 75.0

Manual Integrations
APPROVED

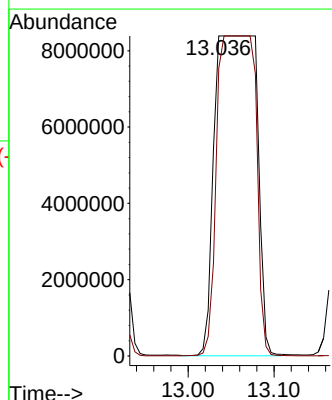
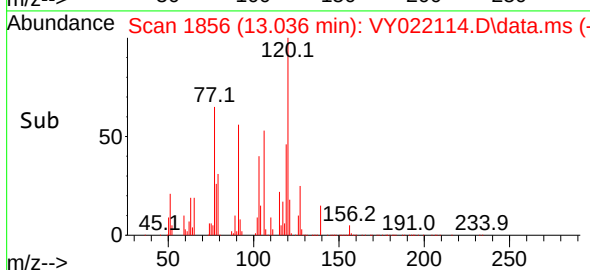
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

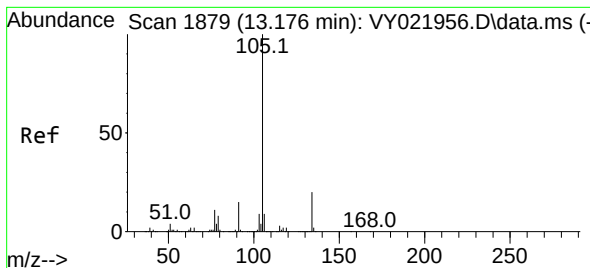


#84
1,2,4-Trimethylbenzene
Concen: 1013.017 ug/l m
RT: 13.036 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00



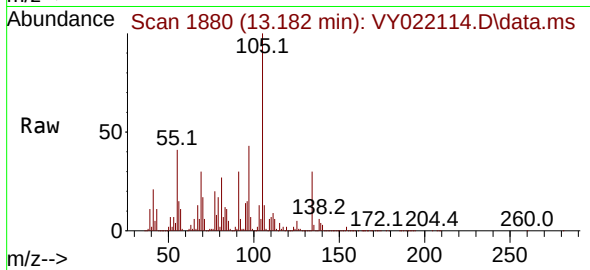
Tgt Ion:105 Resp:28534345
Ion Ratio Lower Upper
105 100
120 0.0 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 403.805 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY022114.D
 Acq: 01 May 2025 18:00

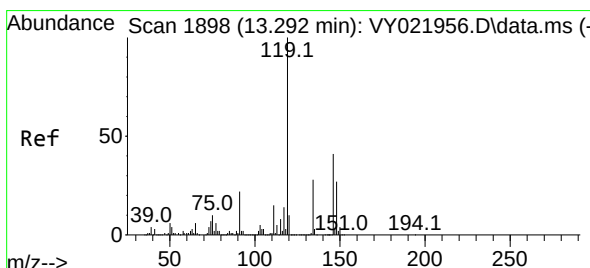
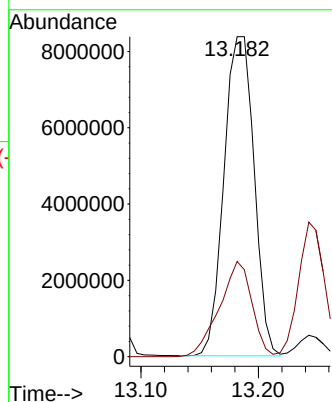
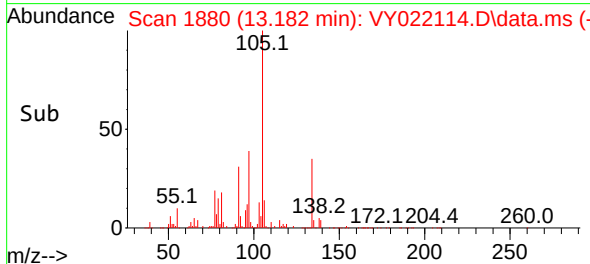
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-8



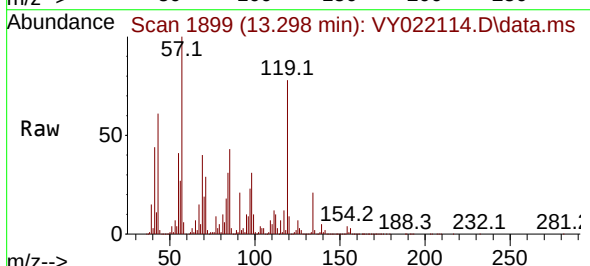
Tgt Ion:105 Resp:1492373
 Ion Ratio Lower Upper
 105 100
 134 32.1 10.3 30.9

Manual Integrations
 APPROVED

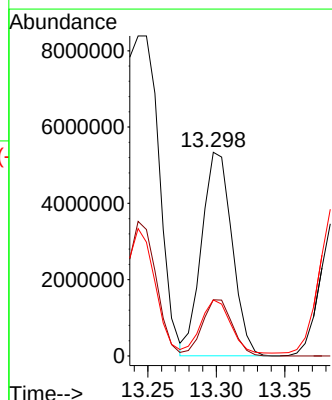
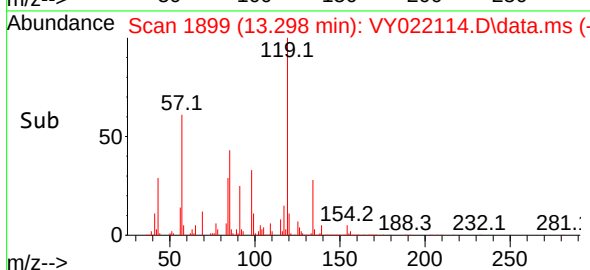
Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025

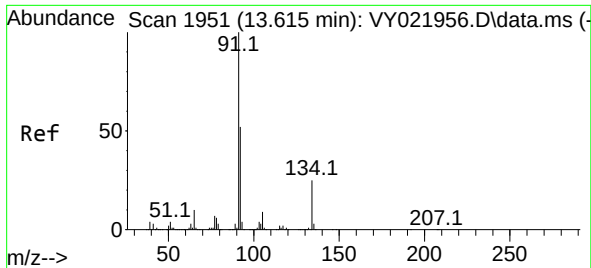


#86
 p-Isopropyltoluene
 Concen: 262.753 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY022114.D
 Acq: 01 May 2025 18:00



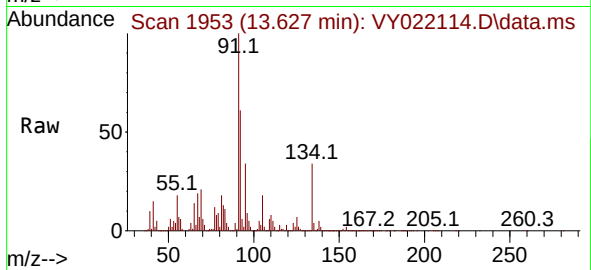
Tgt Ion:119 Resp: 8245920
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 25.2 11.0 33.0





#89
n-Butylbenzene
Concen: 451.254 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.012 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

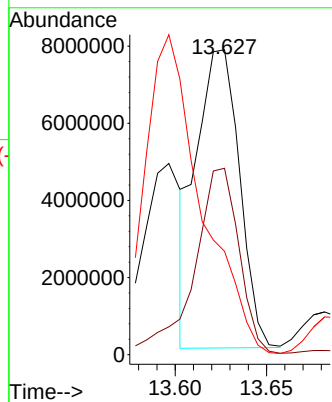
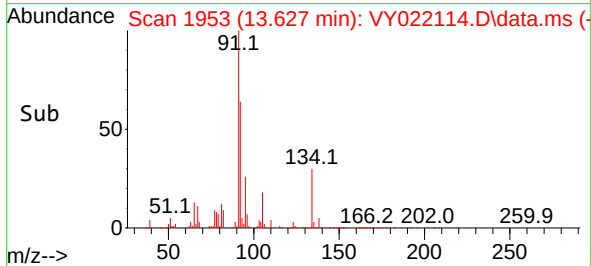
Instrument :
MSVOA_Y
ClientSampleId :
SS-8



Tgt Ion: 91 Resp:1265808
Ion Ratio Lower Upper
91 100
92 64.1 26.5 79.5
134 0.0 13.4 40.1

Manual Integrations
APPROVED

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



Report of Analysis

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

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

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

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-8ME

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

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

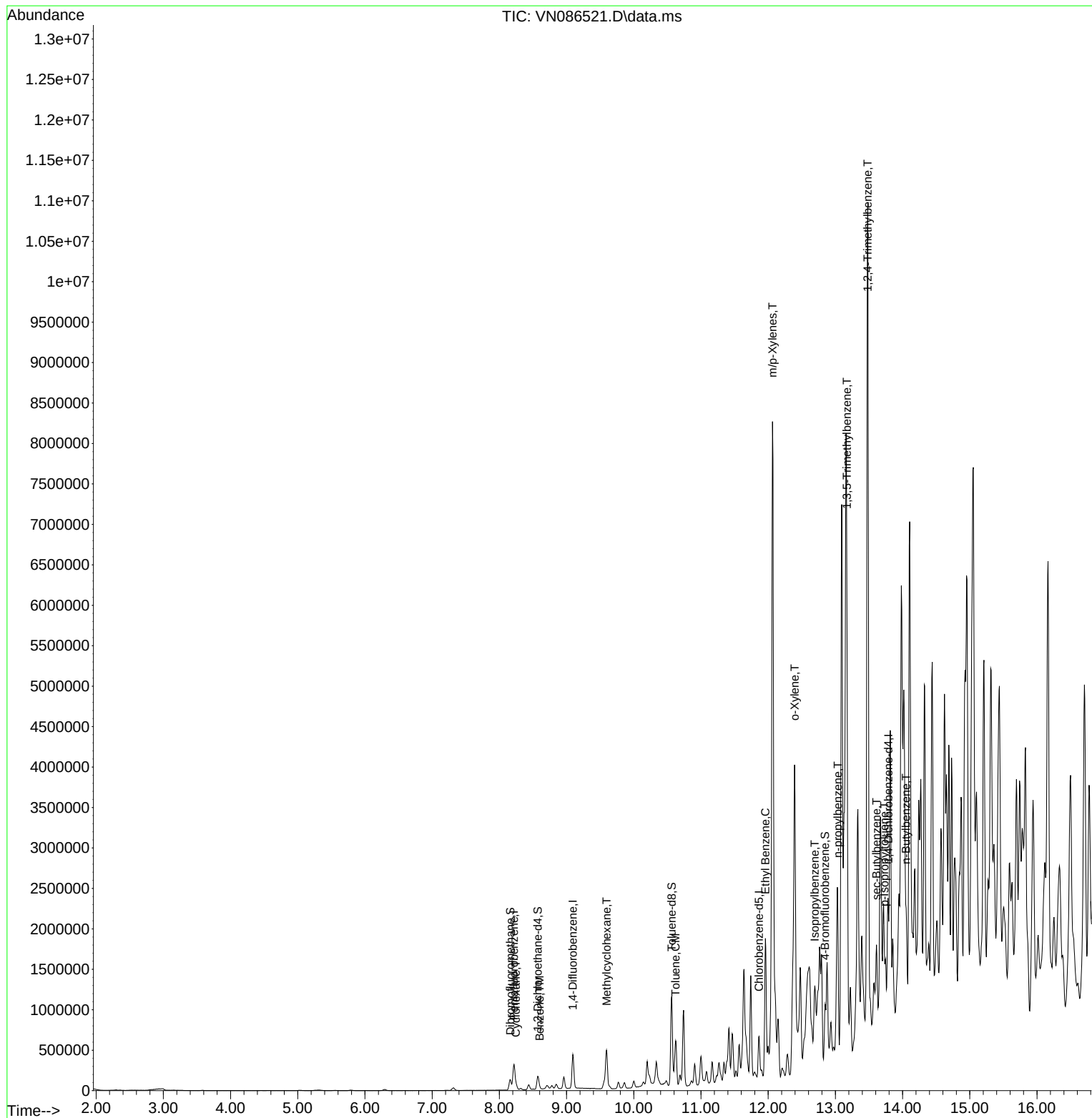
Internal Standards						
1) Pentafluorobenzene	8.218	168	202938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	380050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	349216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4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

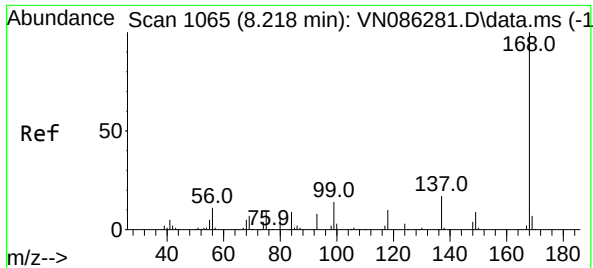
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

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

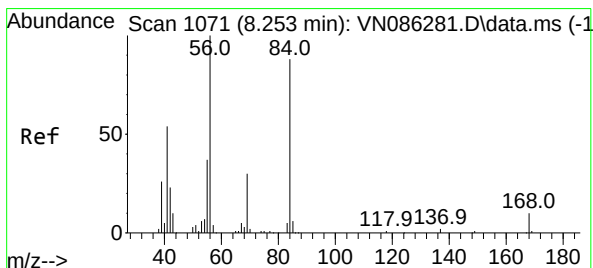
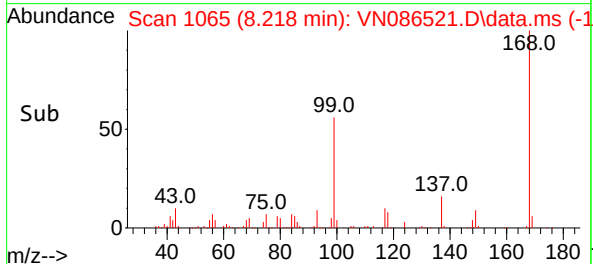
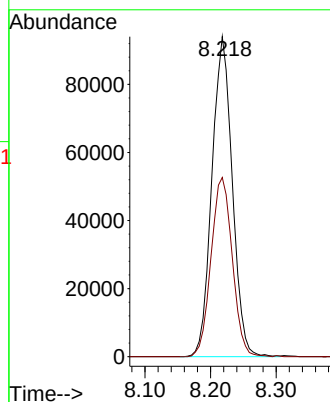
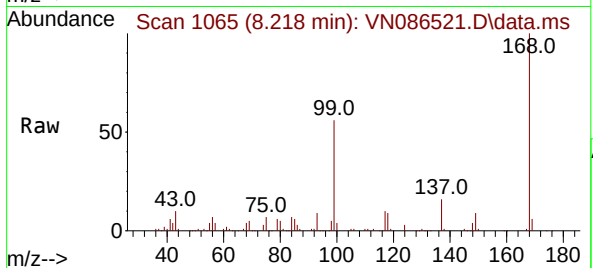




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

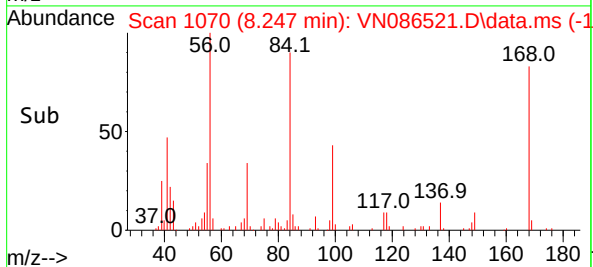
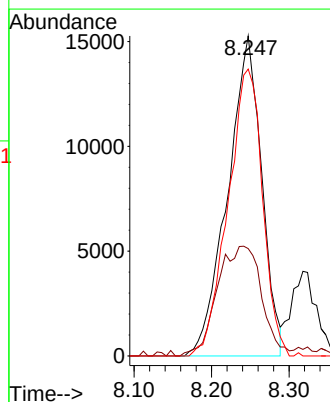
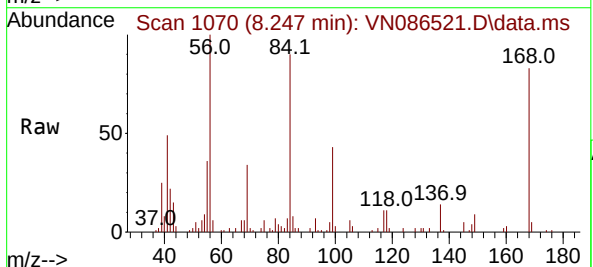
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

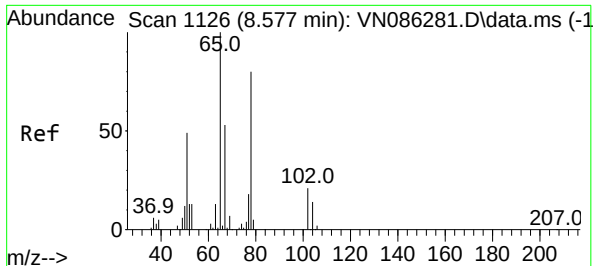
Tgt Ion:168 Resp: 202938
Ion Ratio Lower Upper
168 100
99 56.0 52.5 78.7



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

Tgt Ion: 56 Resp: 46558
Ion Ratio Lower Upper
56 100
69 33.6 24.2 36.2
84 89.7 70.3 105.5





#33

1,2-Dichloroethane-d4

Concen: 45.799 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

Instrument :

MSVOA_N

ClientSampleId :

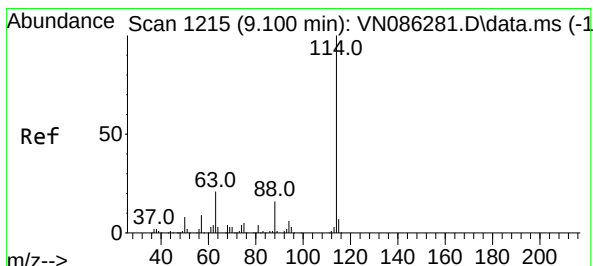
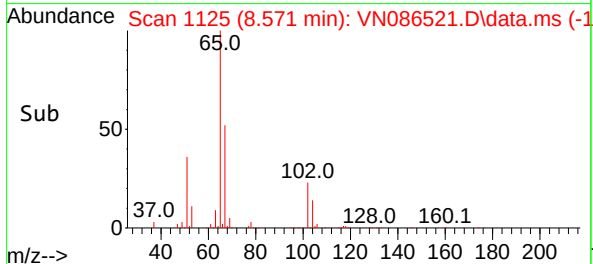
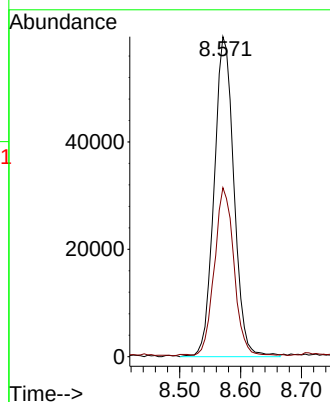
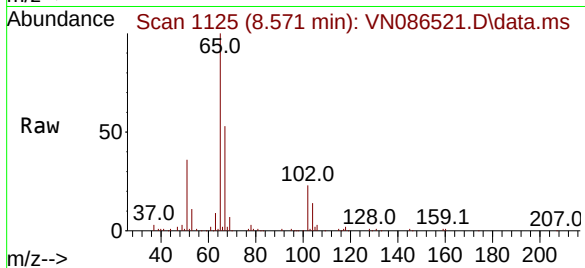
SS-8ME

Tgt Ion: 65 Resp: 134777

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

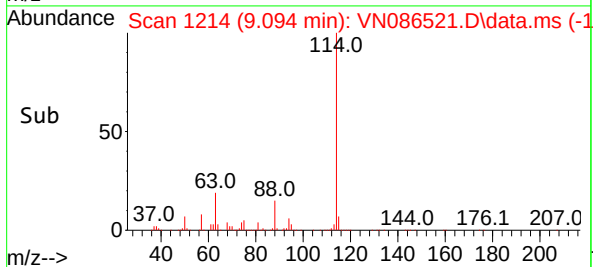
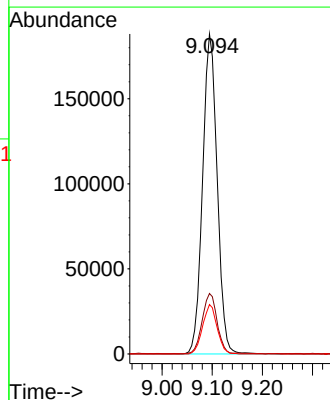
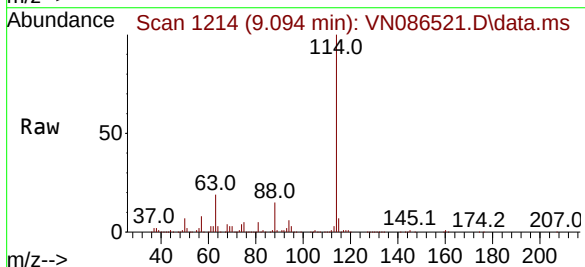
Tgt Ion: 114 Resp: 380050

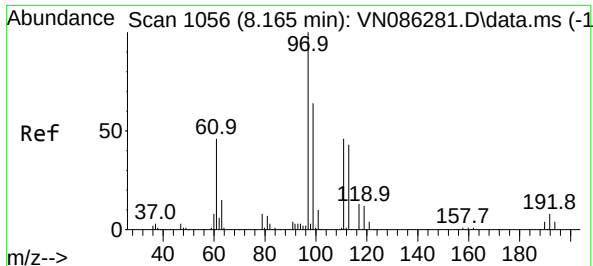
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.6

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.707 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

Instrument :

MSVOA_N

ClientSampleId :

SS-8ME

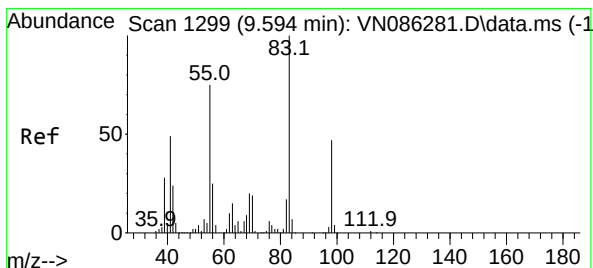
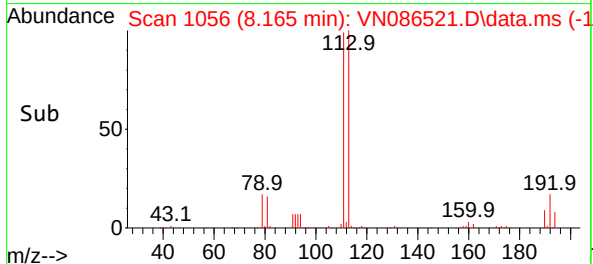
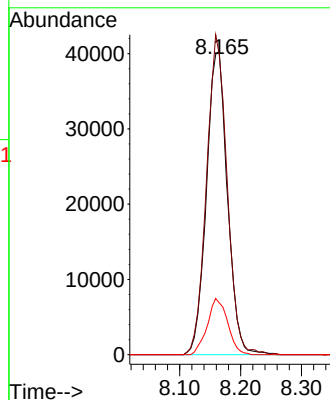
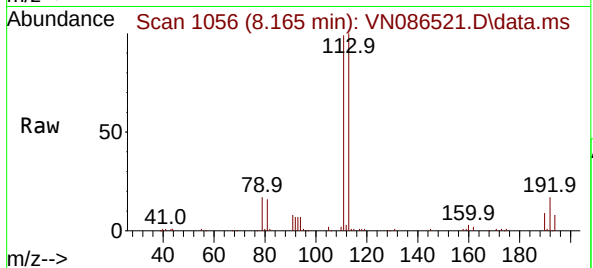
Tgt Ion:113 Resp: 96495

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.0

192 18.0 13.7 20.5



#39

Methylcyclohexane

Concen: 53.188 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

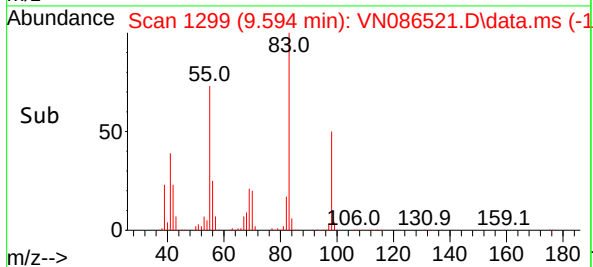
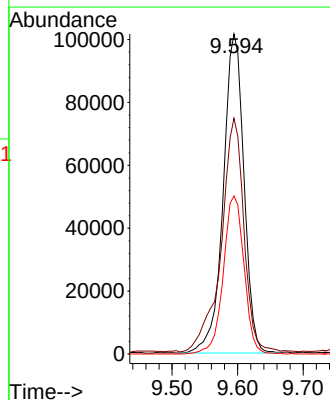
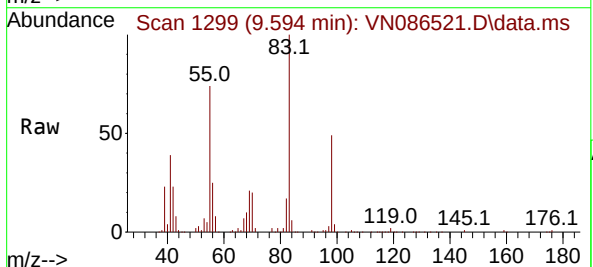
Tgt Ion: 83 Resp: 222725

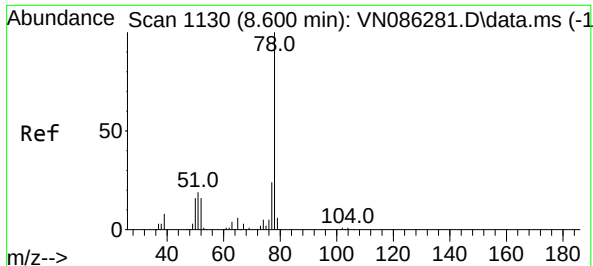
Ion Ratio Lower Upper

83 100

55 73.2 59.8 89.8

98 49.5 37.9 56.9

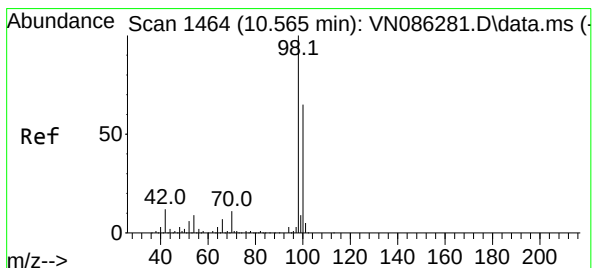
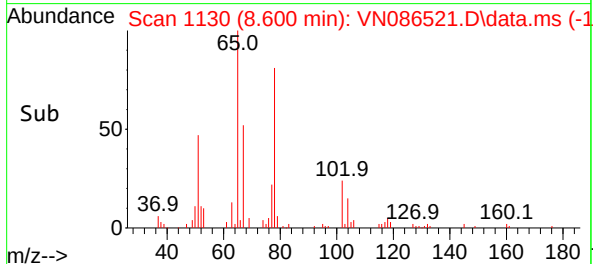
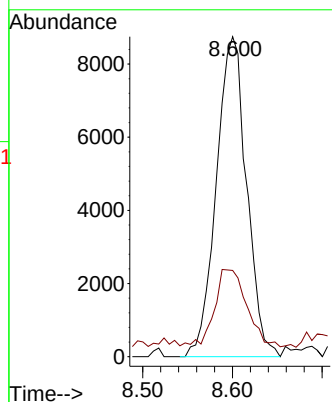
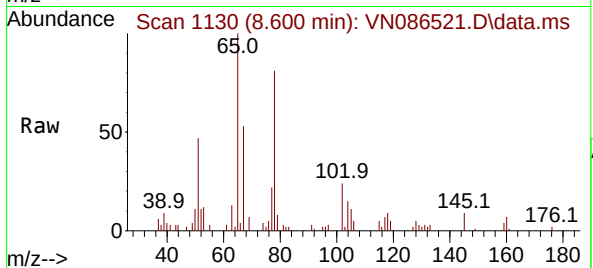




#40
Benzene
Concen: 1.815 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

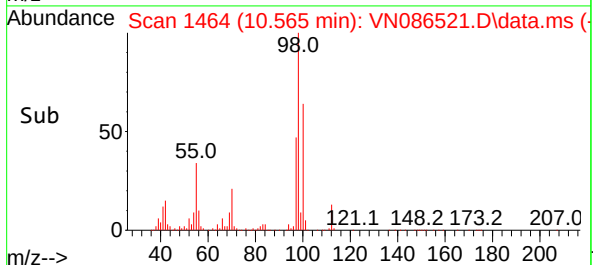
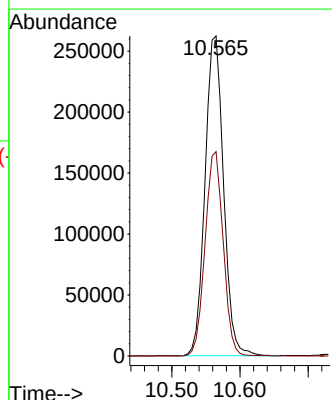
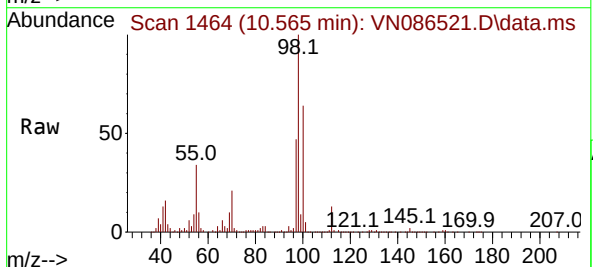
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

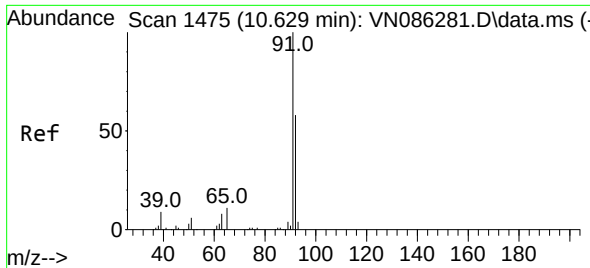
Tgt Ion: 78 Resp: 20484
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2



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

Tgt Ion: 98 Resp: 496637
Ion Ratio Lower Upper
98 100
100 62.4 52.5 78.7

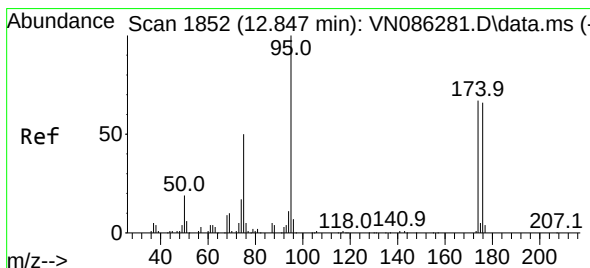
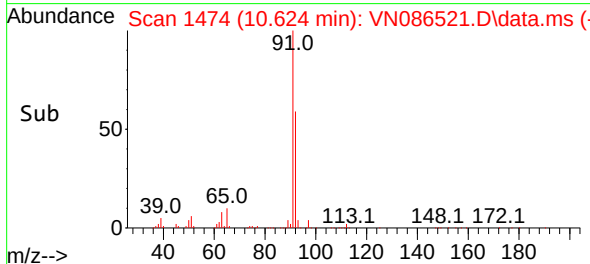
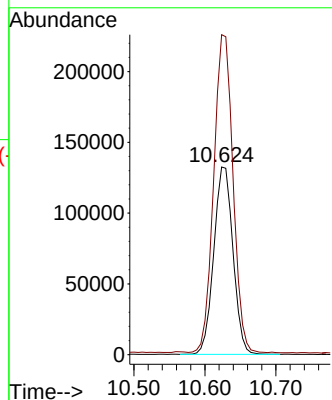
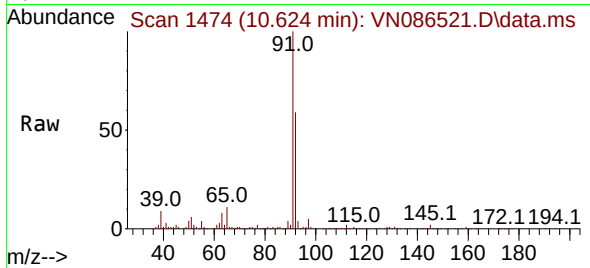




#52
Toluene
Concen: 35.221 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

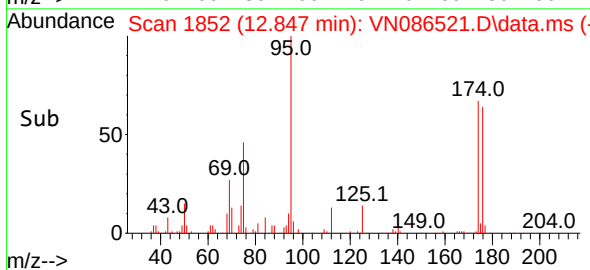
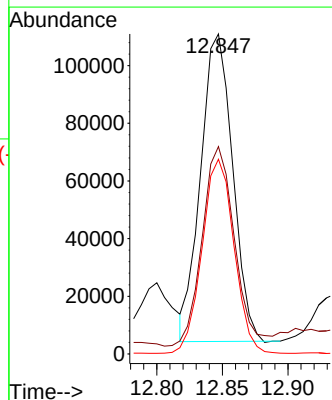
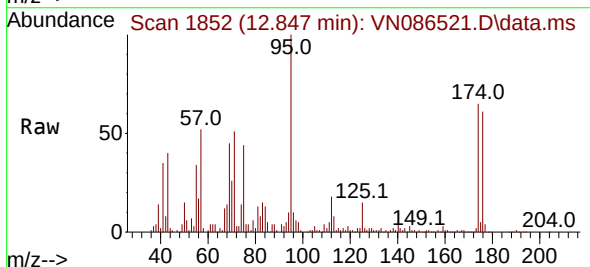
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

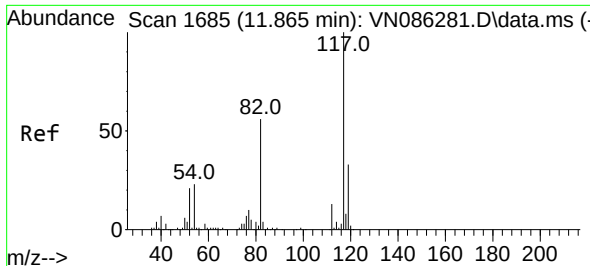
Tgt Ion: 92 Resp: 248064
Ion Ratio Lower Upper
92 100
91 170.5 137.3 205.9



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

Tgt Ion: 95 Resp: 181138
Ion Ratio Lower Upper
95 100
174 65.9 0.0 133.4
176 63.0 0.0 129.2

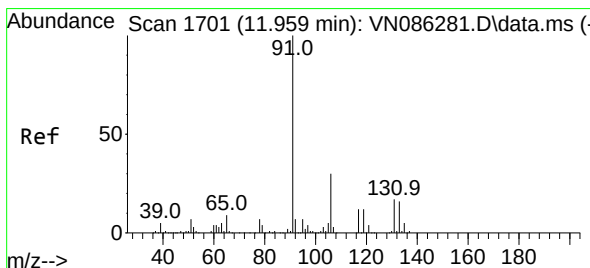
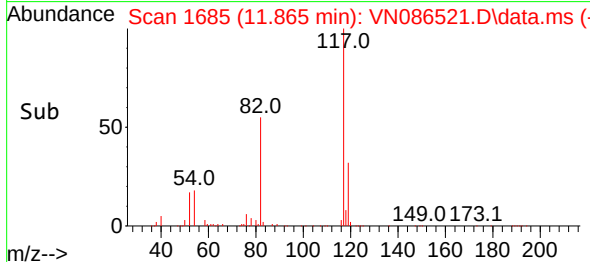
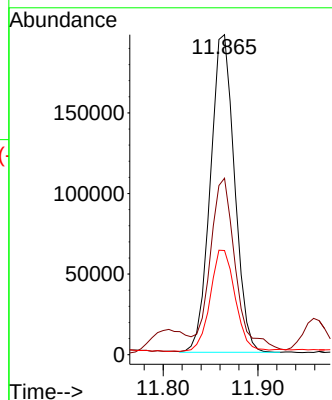
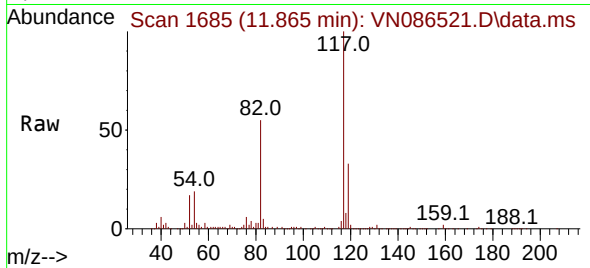




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

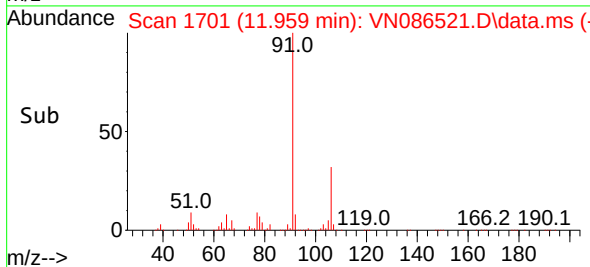
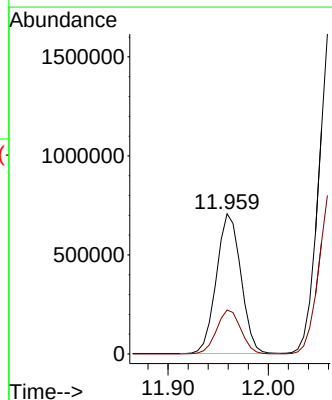
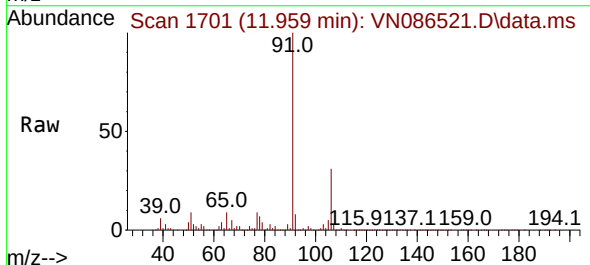
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

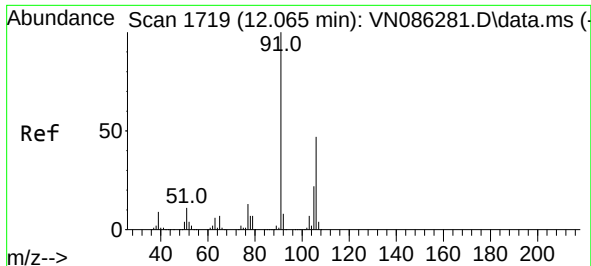
Tgt Ion:117 Resp: 349216
Ion Ratio Lower Upper
117 100
82 53.8 44.7 67.1
119 31.8 26.4 39.6



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

Tgt Ion: 91 Resp: 1193226
Ion Ratio Lower Upper
91 100
106 31.5 24.3 36.5

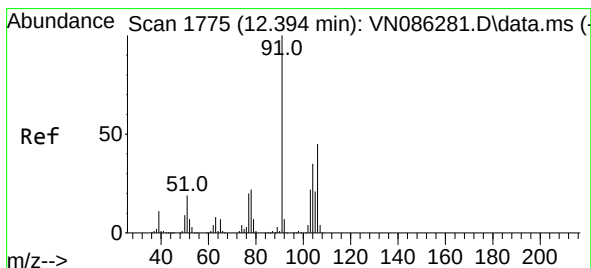
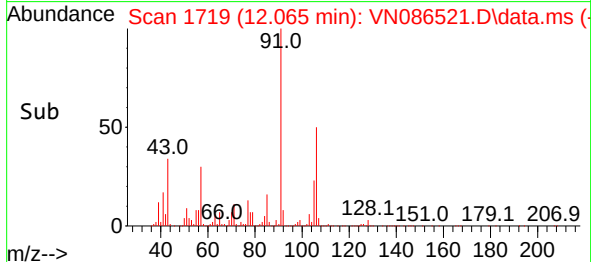
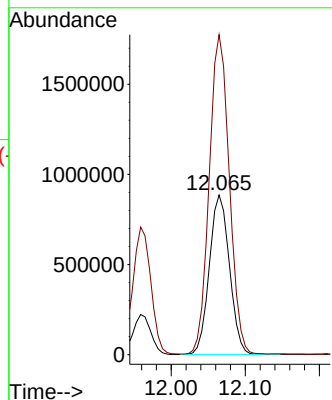
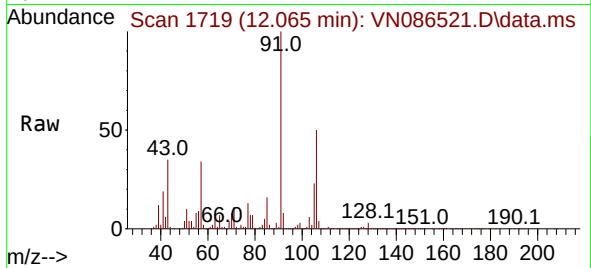




#68
m/p-Xylenes
Concen: 316.751 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

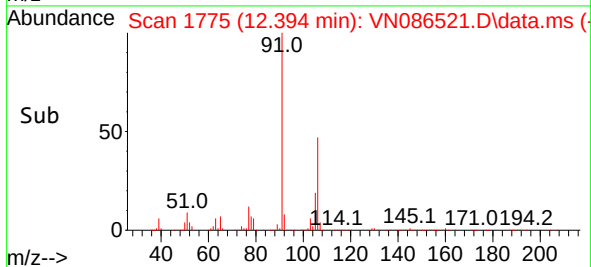
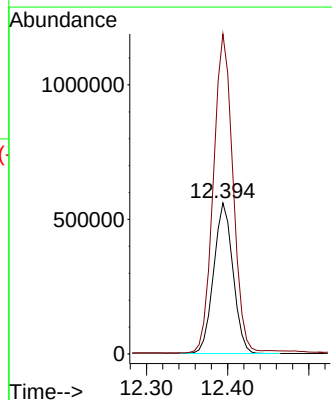
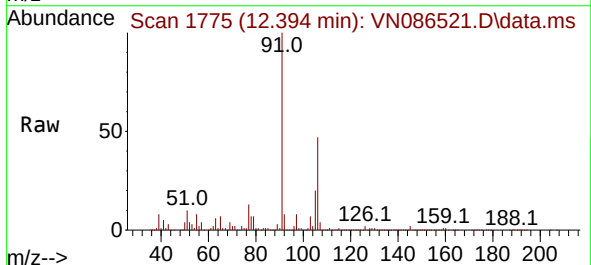
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

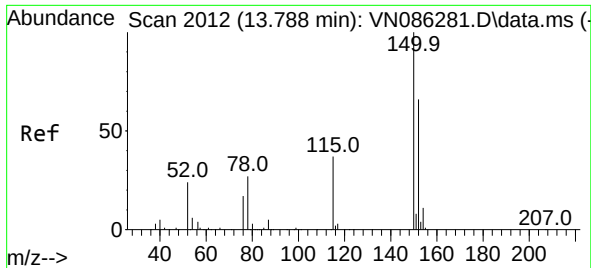
Tgt Ion:106 Resp: 1669102
Ion Ratio Lower Upper
106 100
91 199.5 166.5 249.7



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

Tgt Ion:106 Resp: 924644
Ion Ratio Lower Upper
106 100
91 218.4 109.7 329.0

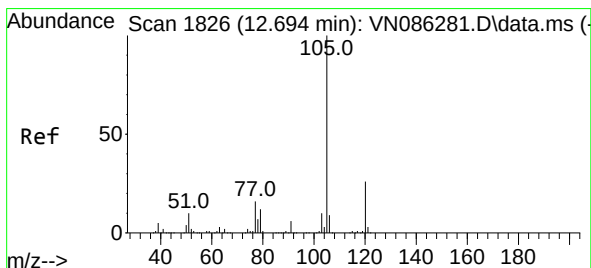
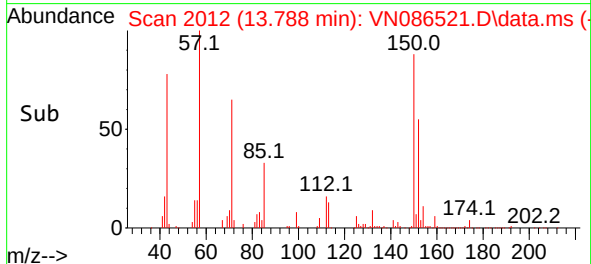
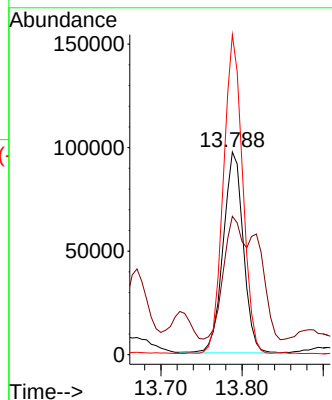
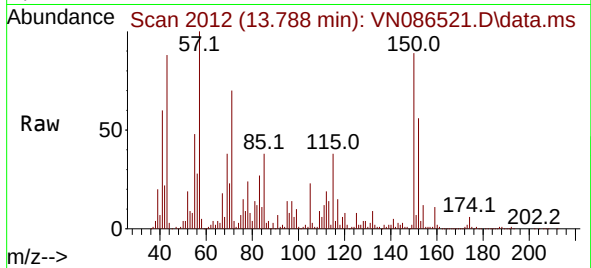




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN086521.D
 Acq: 06 May 2025 17:48

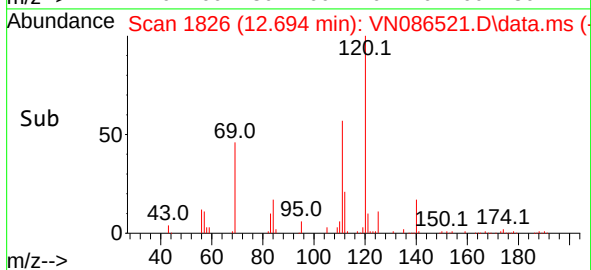
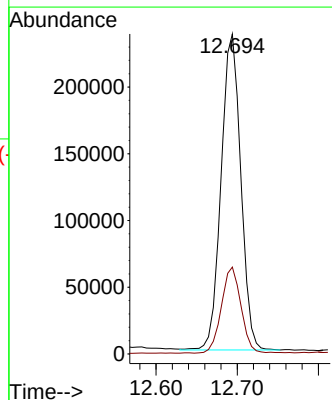
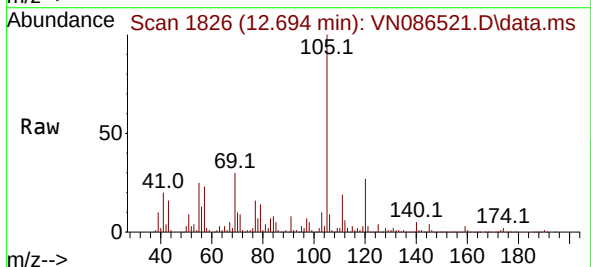
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-8ME

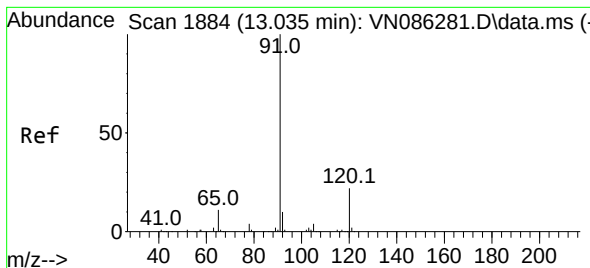
Tgt Ion:152 Resp: 167366
 Ion Ratio Lower Upper
 152 100
 115 64.7 31.9 95.9
 150 151.0 0.0 352.0



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

Tgt Ion:105 Resp: 398999
 Ion Ratio Lower Upper
 105 100
 120 27.2 13.1 39.3





#78

n-propylbenzene

Concen: 87.574 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

Instrument :

MSVOA_N

ClientSampleId :

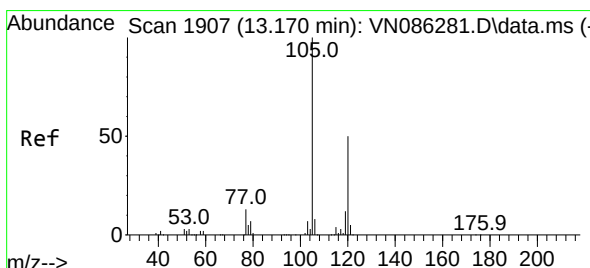
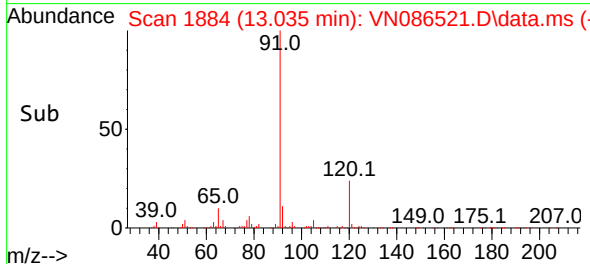
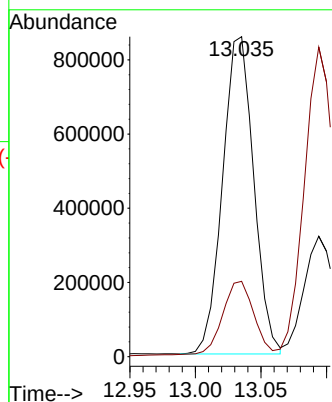
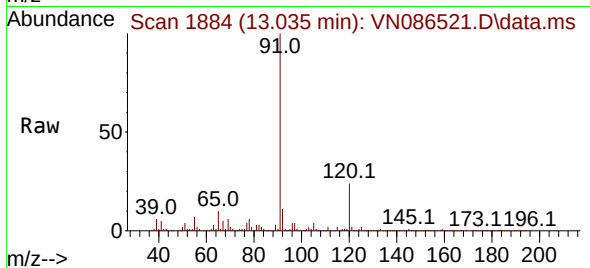
SS-8ME

Tgt Ion: 91 Resp: 1412818

Ion Ratio Lower Upper

91 100

120 25.0 11.1 33.3



#80

1,3,5-Trimethylbenzene

Concen: 150.768 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN086521.D

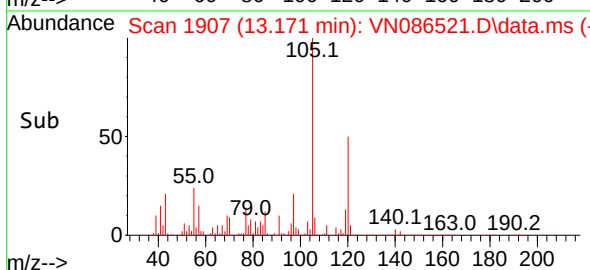
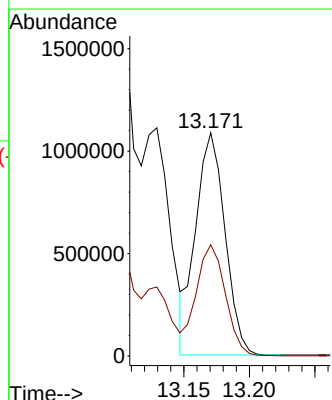
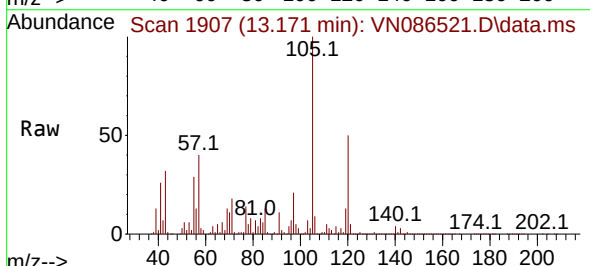
Acq: 06 May 2025 17:48

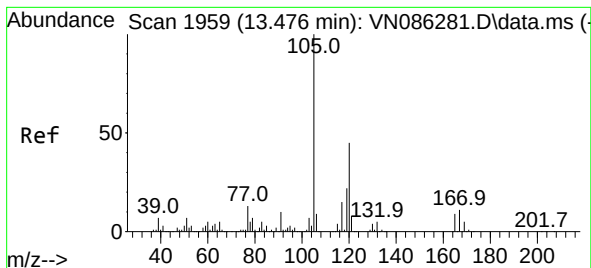
Tgt Ion:105 Resp: 1689446

Ion Ratio Lower Upper

105 100

120 50.0 24.5 73.5





#84

1,2,4-Trimethylbenzene

Concen: 541.792 ug/l

RT: 13.482 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VN086521.D

Acq: 06 May 2025 17:48

Instrument :

MSVOA_N

ClientSampleId :

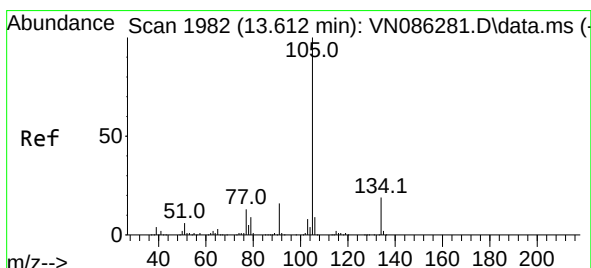
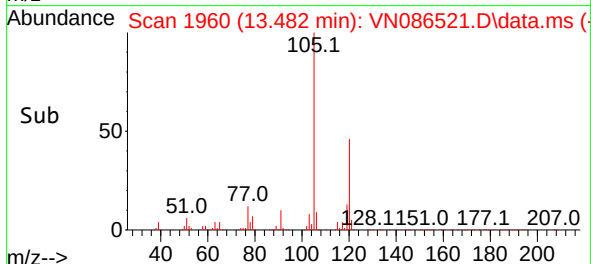
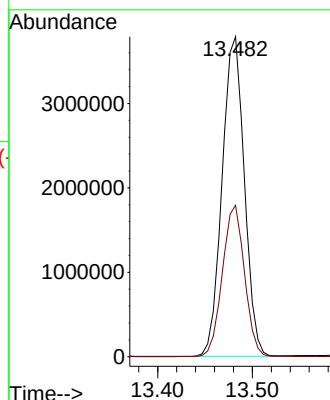
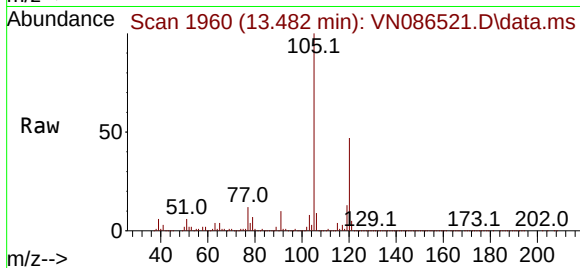
SS-8ME

Tgt Ion:105 Resp: 6179823

Ion Ratio Lower Upper

105 100

120 47.2 22.4 67.3



#85

sec-Butylbenzene

Concen: 38.477 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086521.D

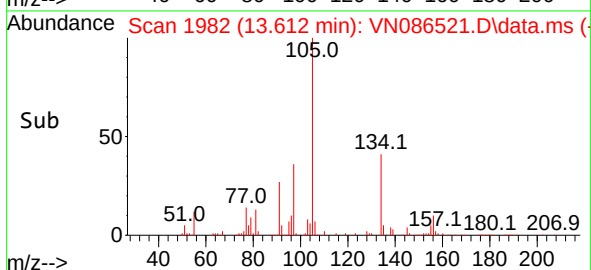
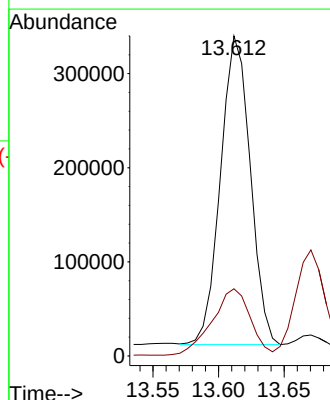
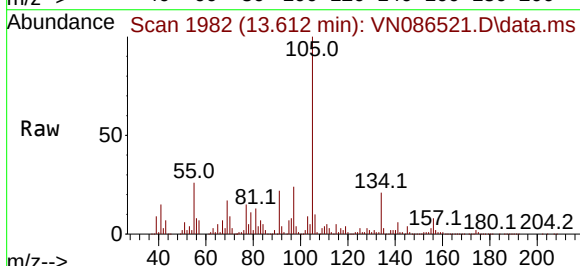
Acq: 06 May 2025 17:48

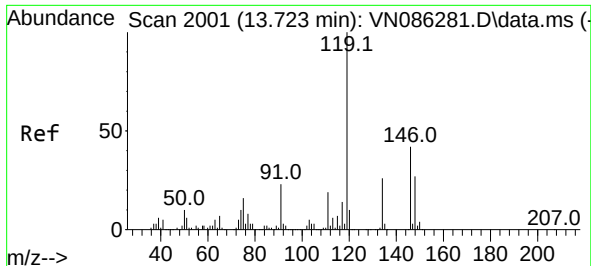
Tgt Ion:105 Resp: 518186

Ion Ratio Lower Upper

105 100

134 27.3 9.7 29.1

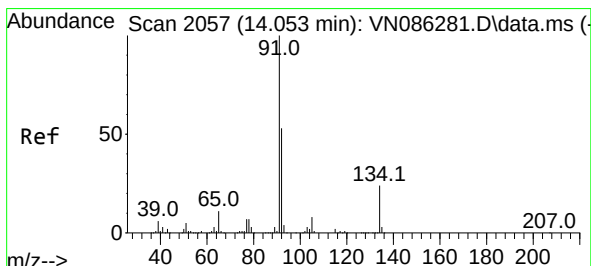
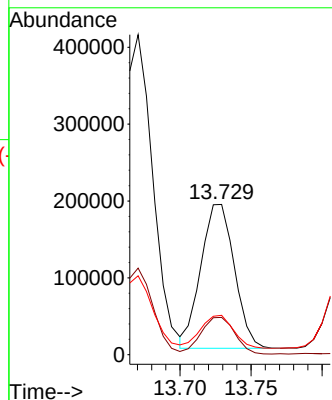
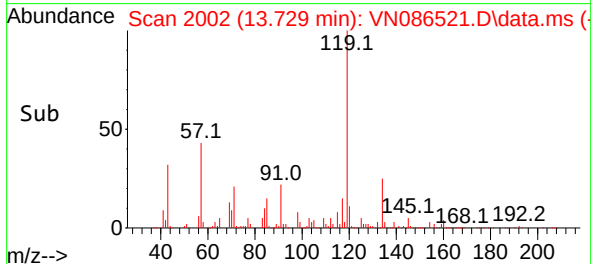
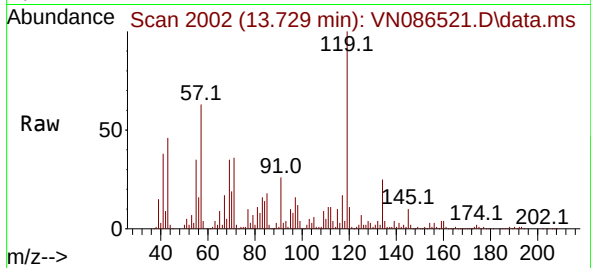




#86
p-Isopropyltoluene
Concen: 27.712 ug/l
RT: 13.729 min Scan# 2001
Delta R.T. 0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

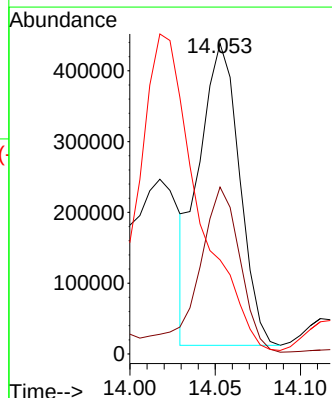
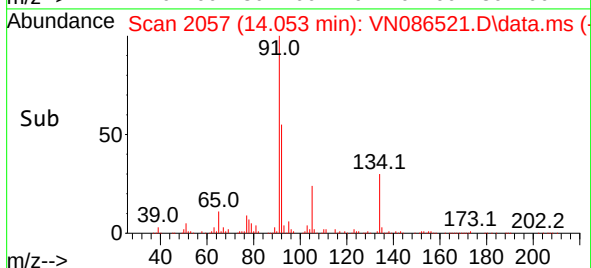
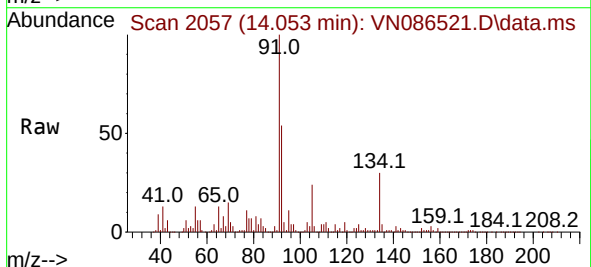
Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion:119 Resp: 307625
Ion Ratio Lower Upper
119 100
134 25.5 13.1 39.1
91 22.4 11.9 35.9



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

Tgt Ion: 91 Resp: 705374
Ion Ratio Lower Upper
91 100
92 55.6 26.8 80.4
134 0.0 12.2 36.6



Report of Analysis

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

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

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

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-8MEDL

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

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

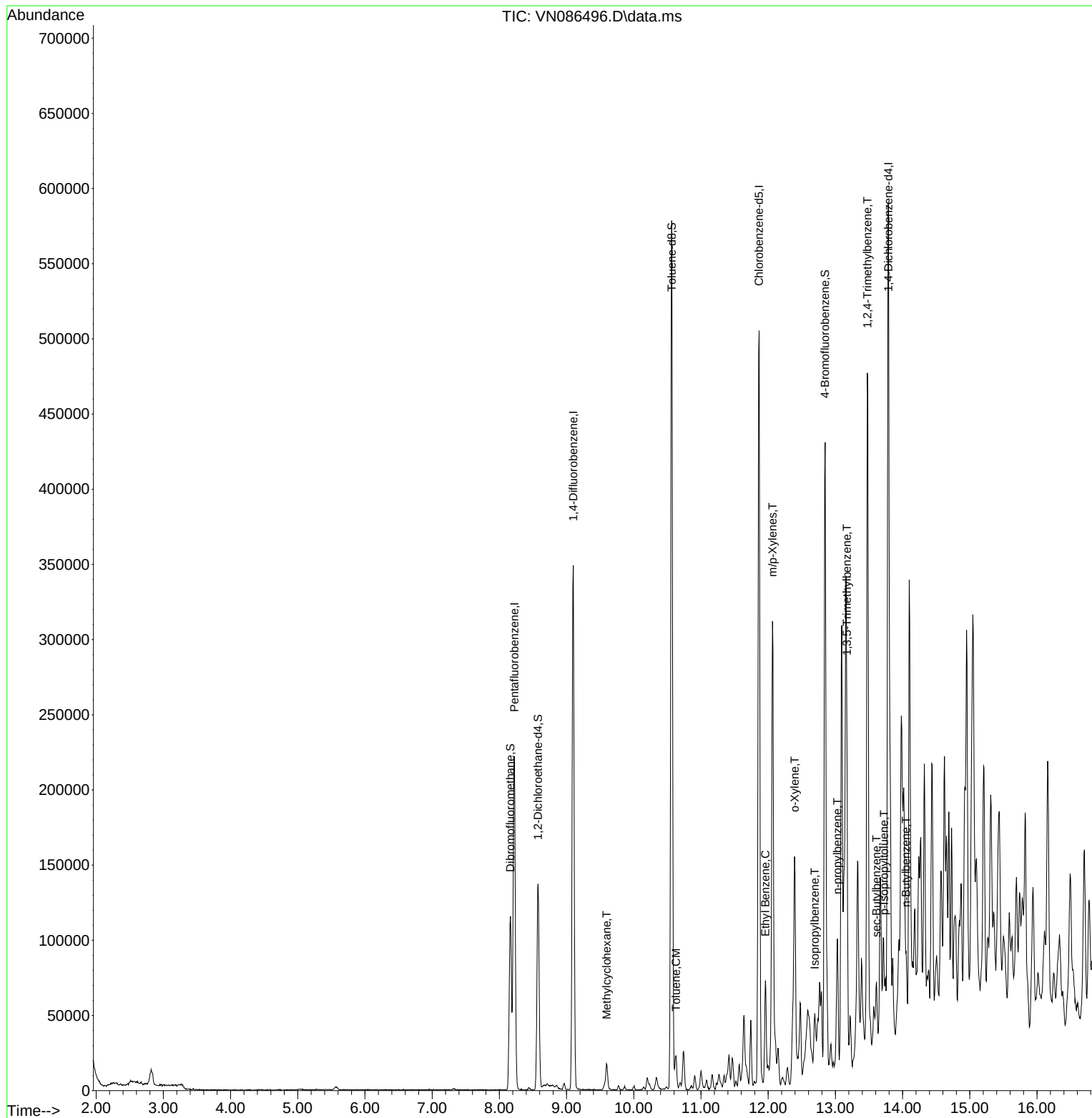
Internal Standards						
1) Pentafluorobenzene	8.224	168	167617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4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

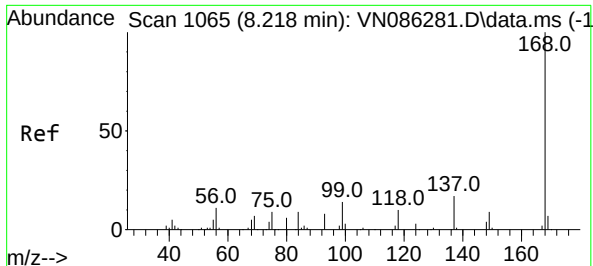
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

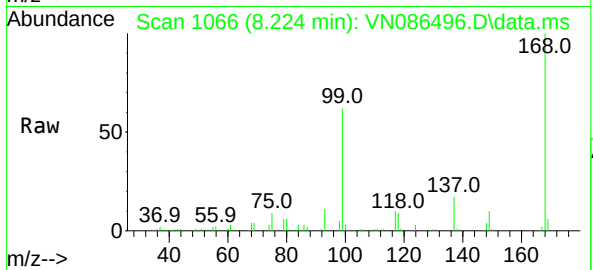
Quant Time: May 06 01:47:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



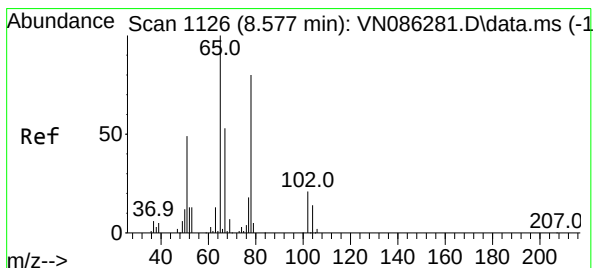
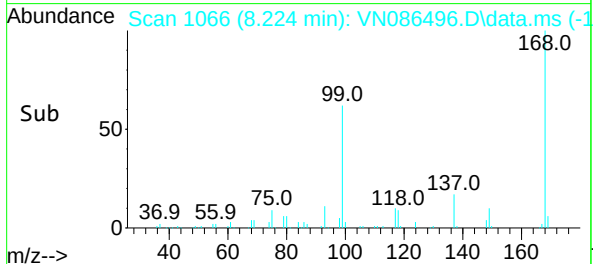
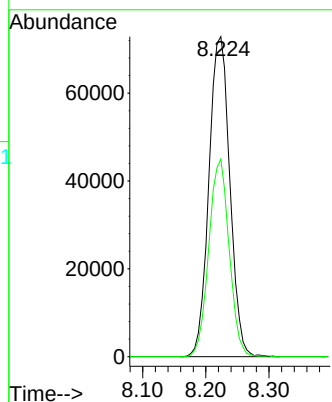


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

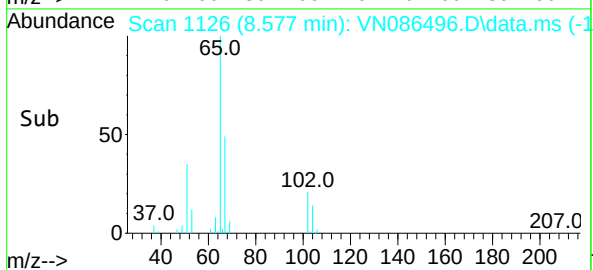
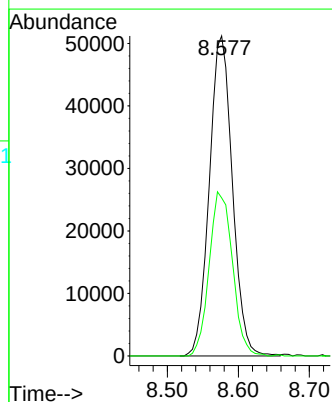
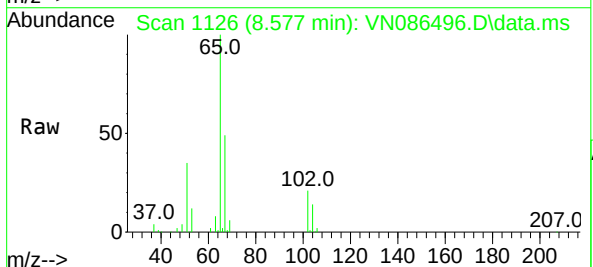


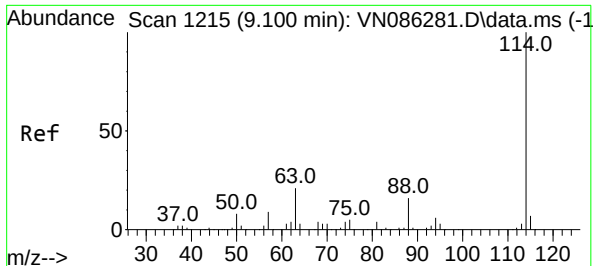
Tgt Ion:168 Resp: 167617
Ion Ratio Lower Upper
168 100
99 61.8 52.5 78.7



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

Tgt Ion: 65 Resp: 115388
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

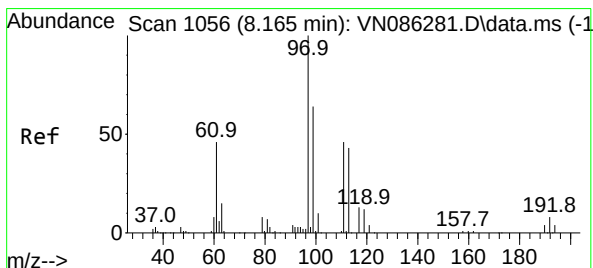
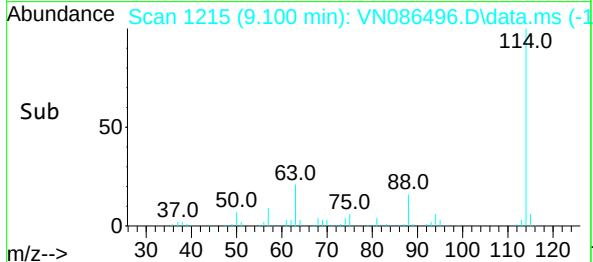
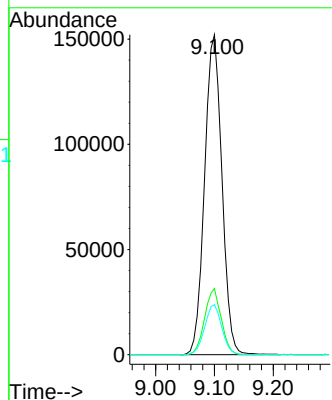
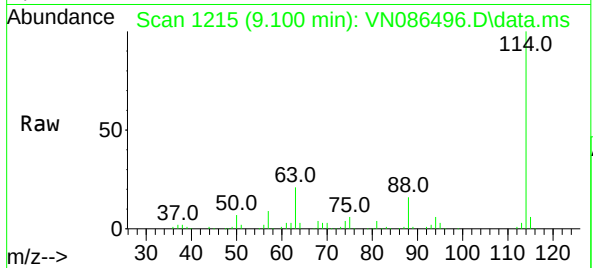




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

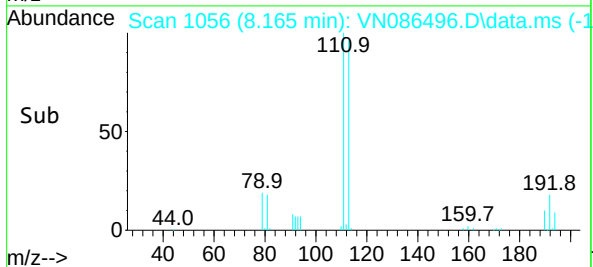
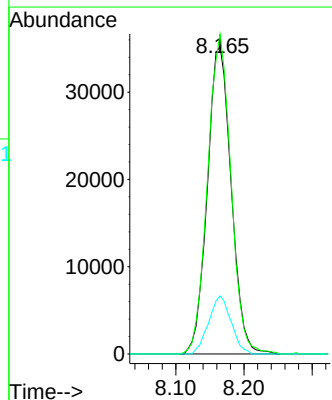
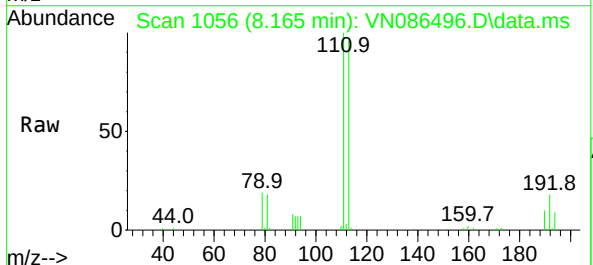
Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

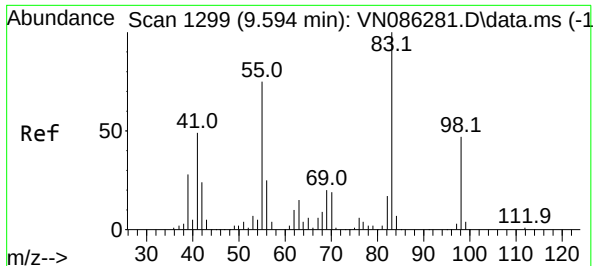
Tgt Ion:114 Resp: 312635
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.7 0.0 31.8



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

Tgt Ion:113 Resp: 85959
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.0
192 17.7 13.7 20.5





#39

Methylcyclohexane

Concen: 2.180 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN086496.D

Acq: 05 May 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

SS-8MEDL

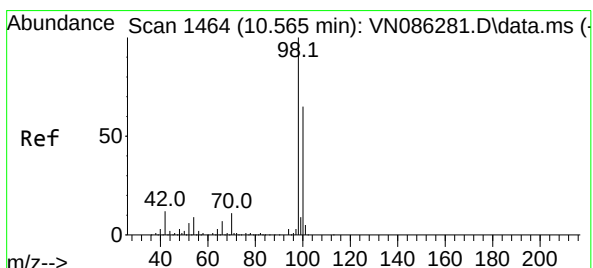
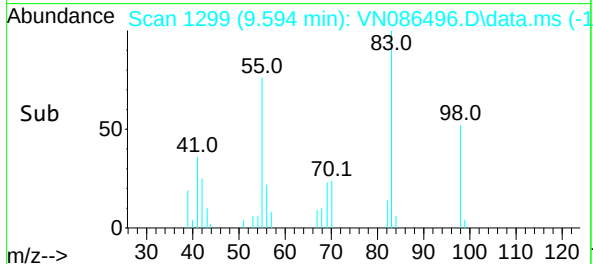
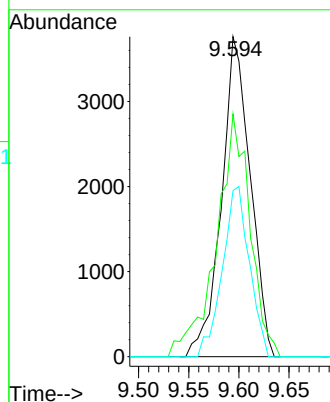
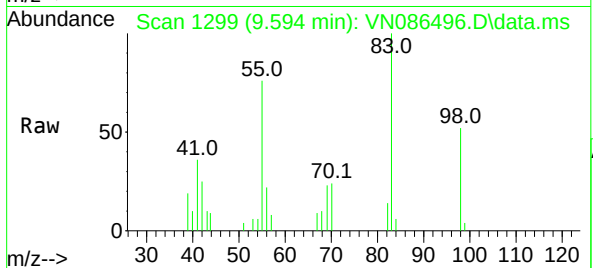
Tgt Ion: 83 Resp: 7511

Ion Ratio Lower Upper

83 100

55 75.8 59.8 89.8

98 51.9 37.9 56.9



#50

Toluene-d8

Concen: 51.530 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086496.D

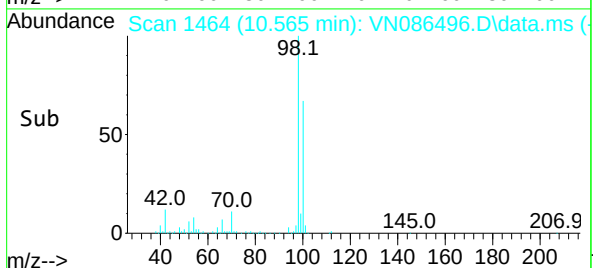
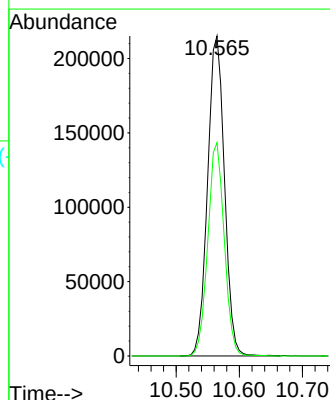
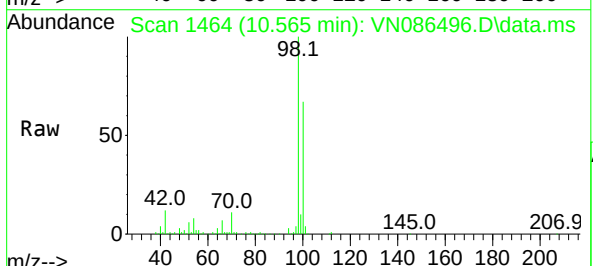
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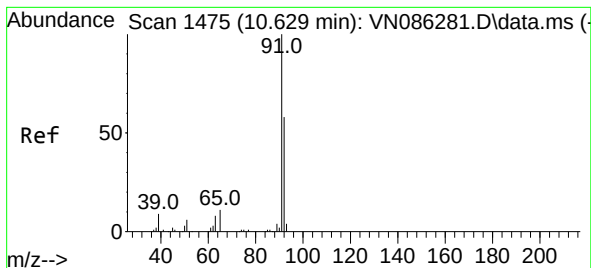
Tgt Ion: 98 Resp: 399600

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7





#52

Toluene

Concen: 1.687 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN086496.D

Acq: 05 May 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

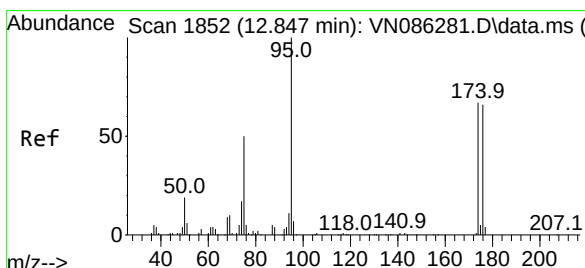
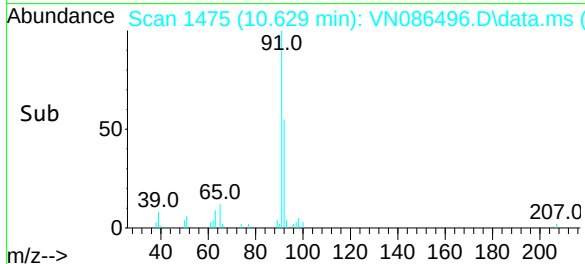
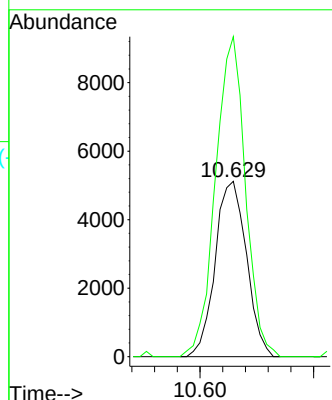
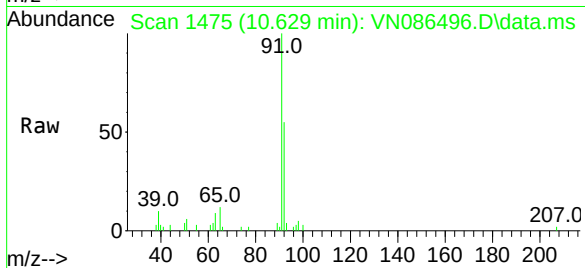
SS-8MEDL

Tgt Ion: 92 Resp: 9774

Ion Ratio Lower Upper

92 100

91 174.9 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 53.603 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086496.D

Acq: 05 May 2025 19:14

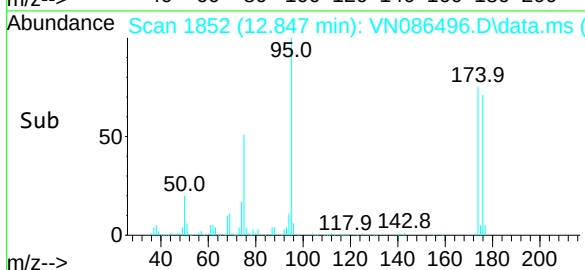
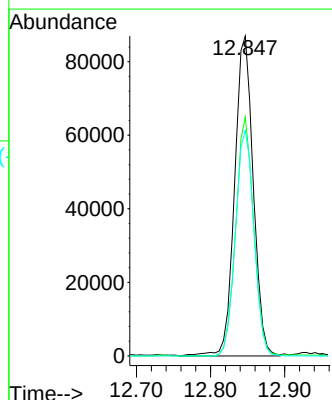
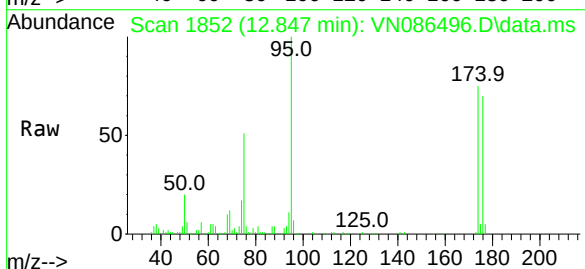
Tgt Ion: 95 Resp: 151616

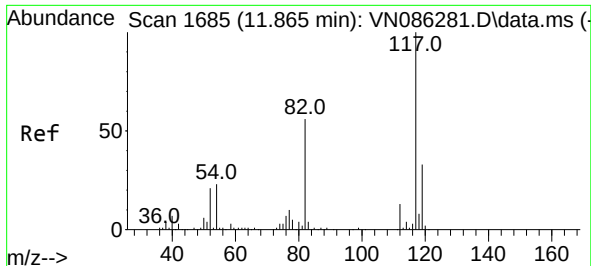
Ion Ratio Lower Upper

95 100

174 72.0 0.0 133.4

176 70.2 0.0 129.2

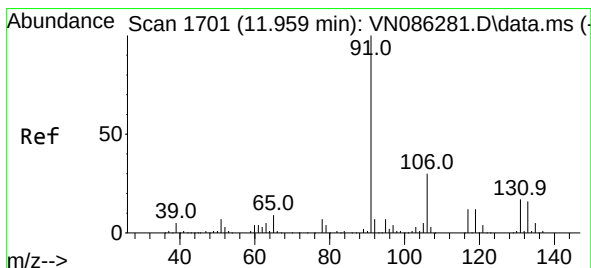
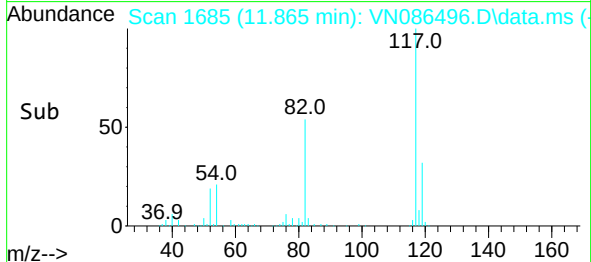
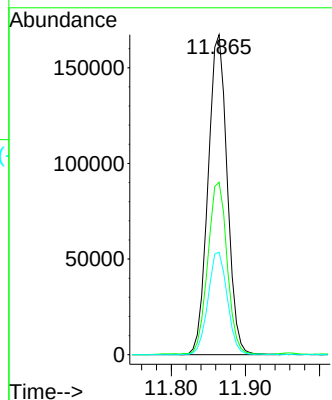
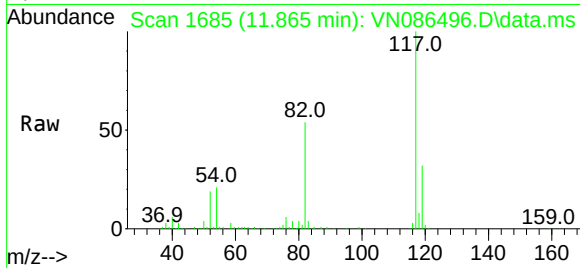




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

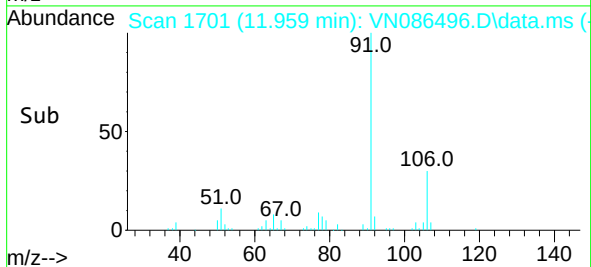
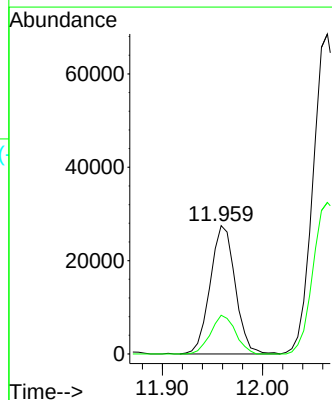
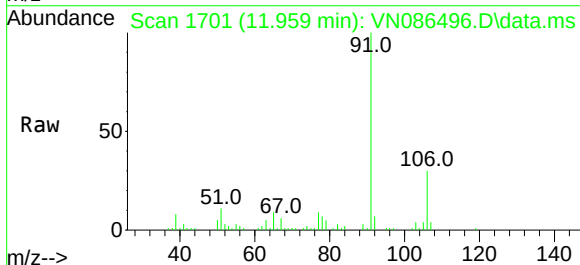
Instrument :
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ClientSampleId :
SS-8MEDL

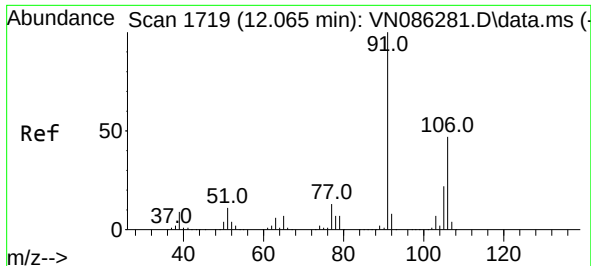
Tgt Ion:117 Resp: 300291
Ion Ratio Lower Upper
117 100
82 53.7 44.7 67.1
119 32.0 26.4 39.6



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

Tgt Ion: 91 Resp: 47762
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

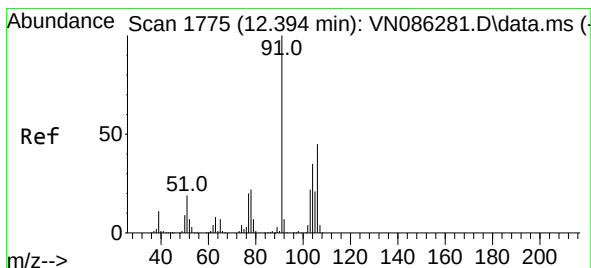
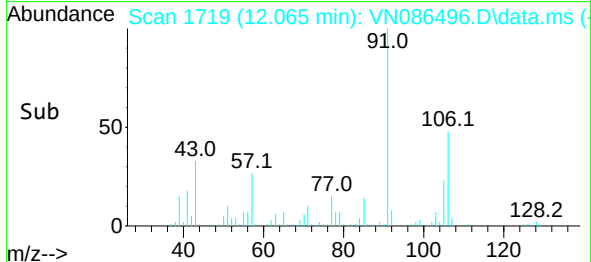
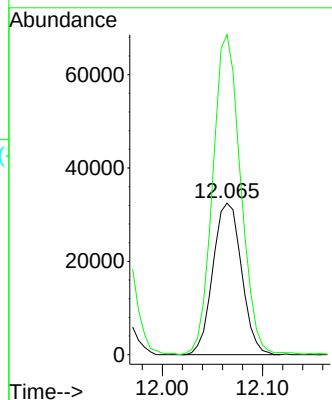
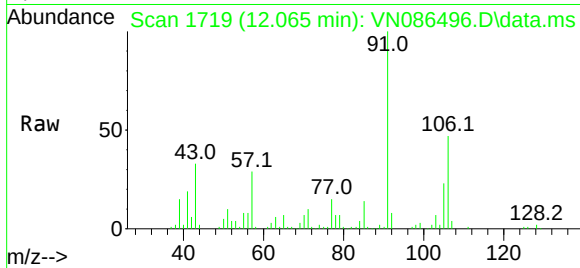




#68
m/p-Xylenes
Concen: 14.191 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

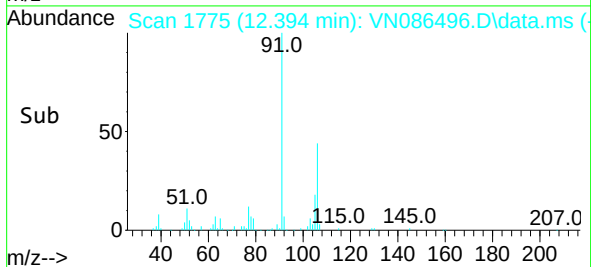
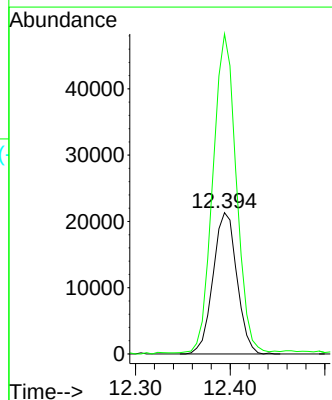
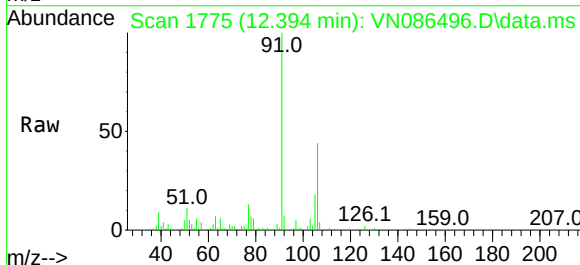
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ClientSampleId :
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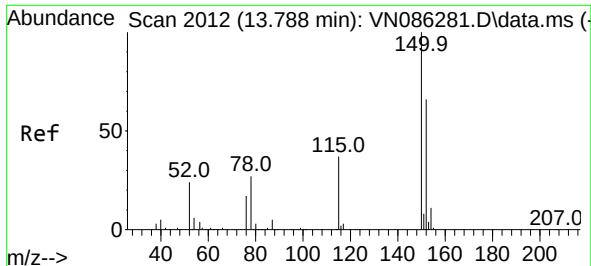
Tgt Ion:106 Resp: 64304
Ion Ratio Lower Upper
106 100
91 206.1 166.5 249.7



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

Tgt Ion:106 Resp: 37316
Ion Ratio Lower Upper
106 100
91 221.4 109.7 329.0

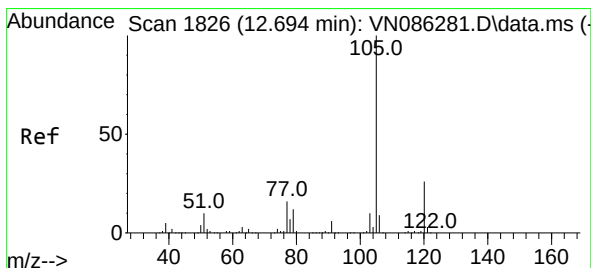
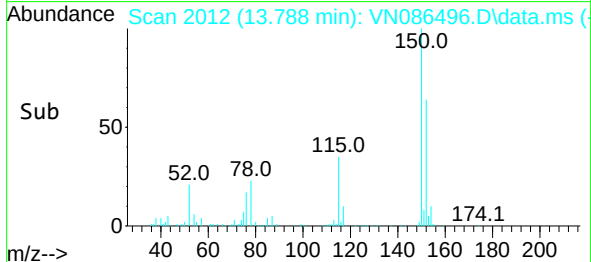
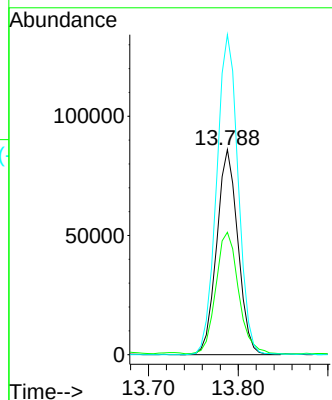
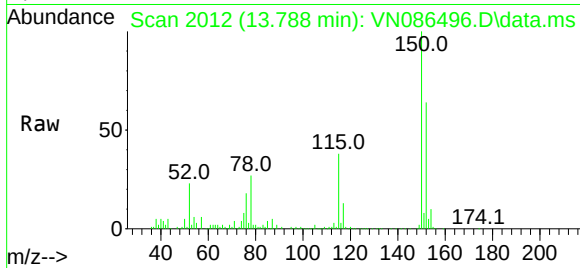




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086496.D
 Acq: 05 May 2025 19:14

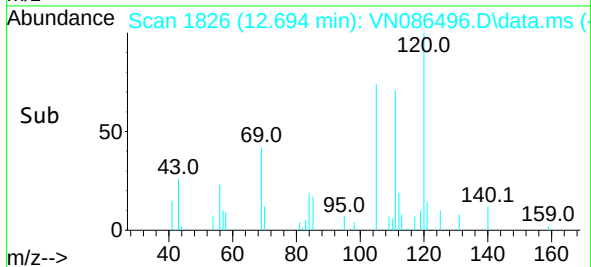
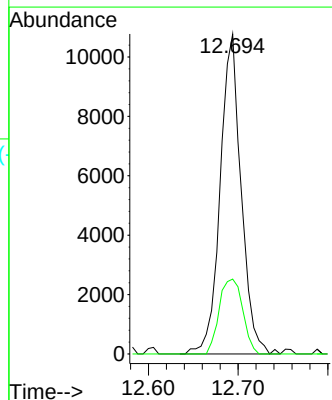
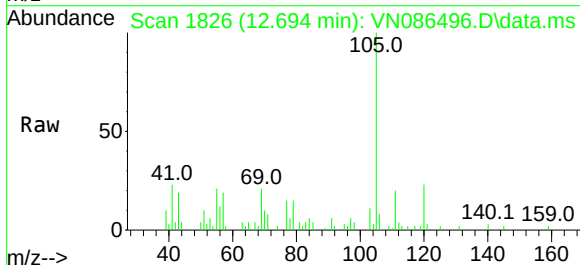
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-8MEDL

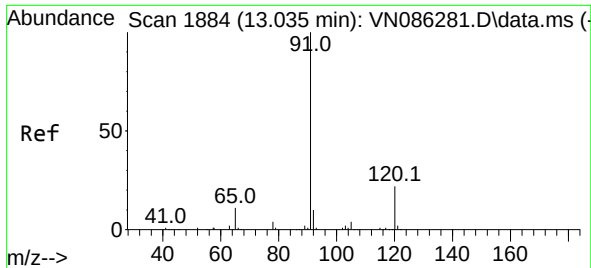
Tgt Ion:152 Resp: 141242
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.9 95.9
 150 158.4 0.0 352.0



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

Tgt Ion:105 Resp: 17468
 Ion Ratio Lower Upper
 105 100
 120 26.2 13.1 39.3

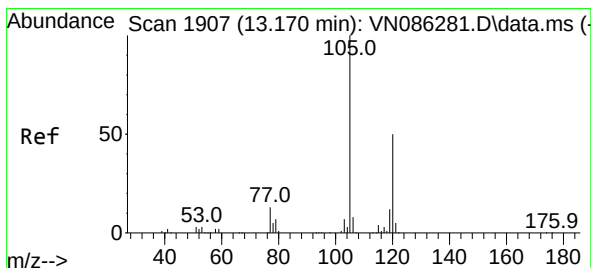
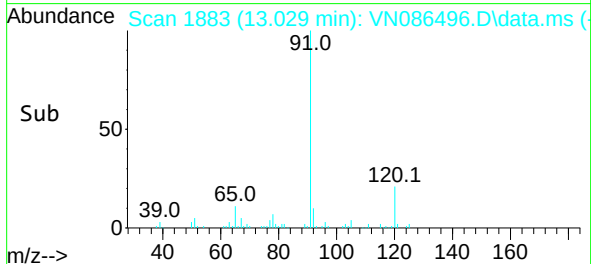
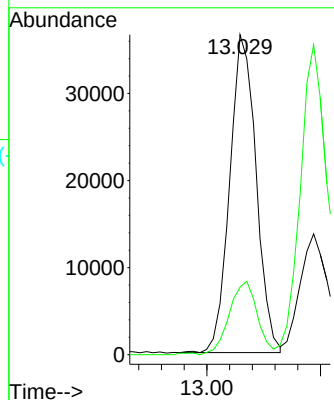
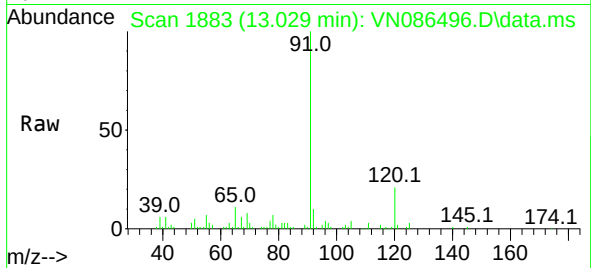




#78
n-propylbenzene
Concen: 4.324 ug/l
RT: 13.029 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

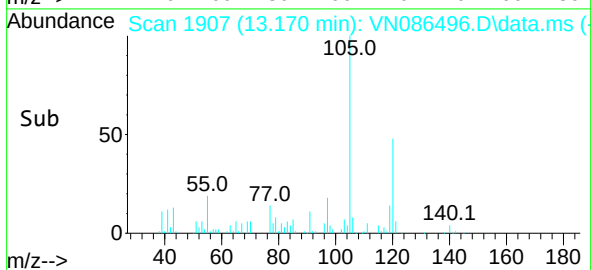
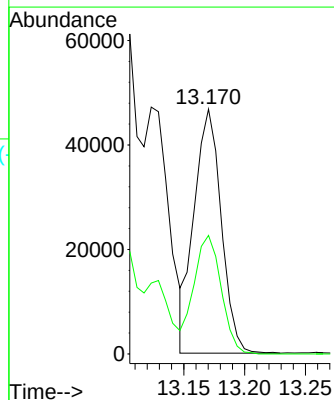
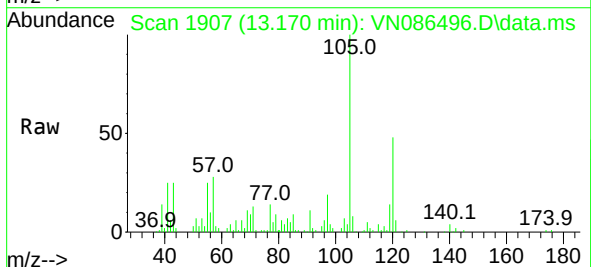
Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

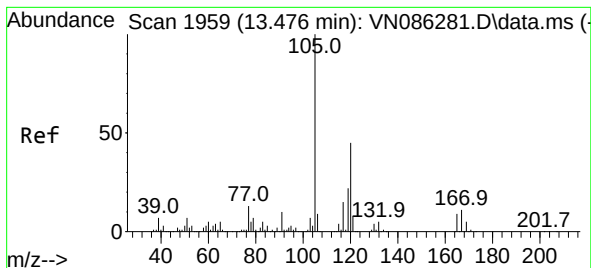
Tgt Ion: 91 Resp: 58874
Ion Ratio Lower Upper
91 100
120 24.3 11.1 33.3



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

Tgt Ion: 105 Resp: 72303
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5





#84

1,2,4-Trimethylbenzene

Concen: 27.943 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086496.D

Acq: 05 May 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

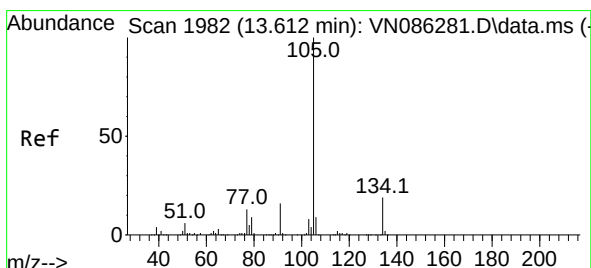
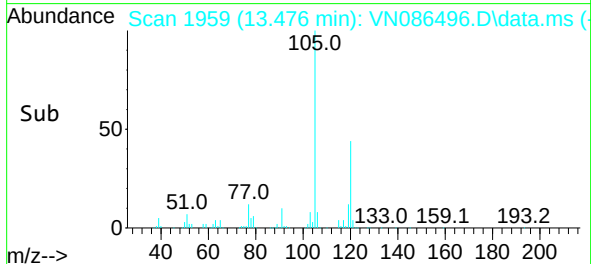
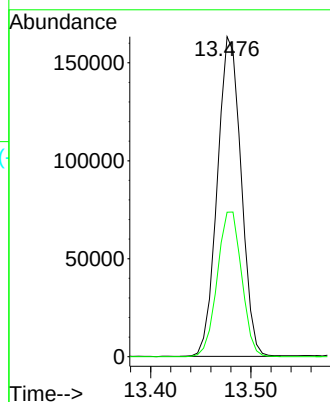
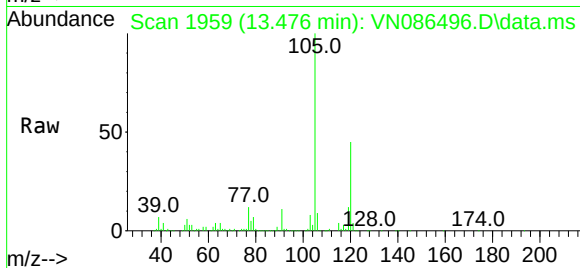
SS-8MEDL

Tgt Ion:105 Resp: 268975

Ion Ratio Lower Upper

105 100

120 46.4 22.4 67.3



#85

sec-Butylbenzene

Concen: 1.956 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086496.D

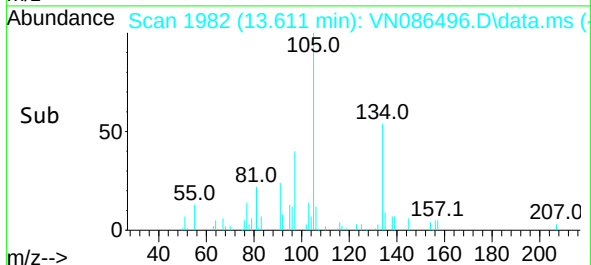
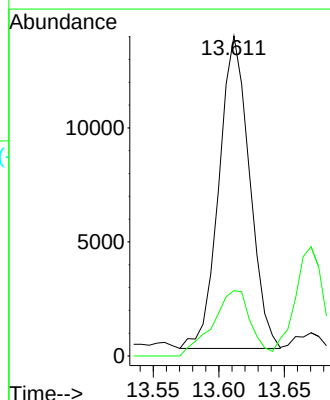
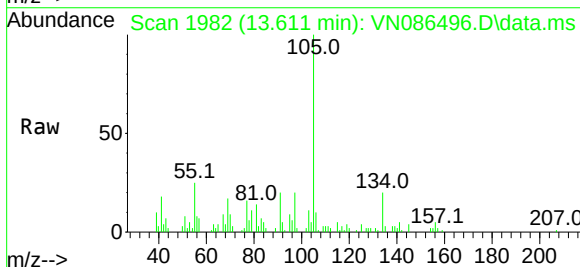
Acq: 05 May 2025 19:14

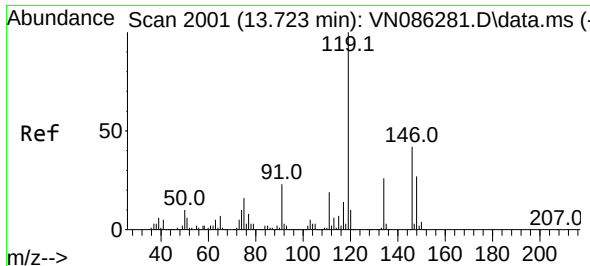
Tgt Ion:105 Resp: 22229

Ion Ratio Lower Upper

105 100

134 25.8 9.7 29.1

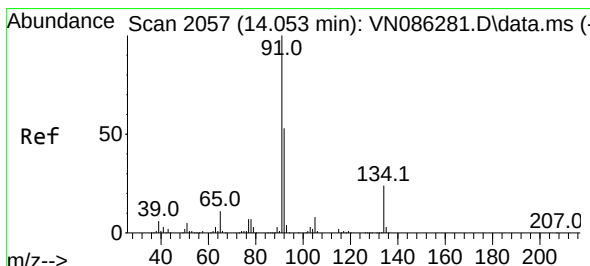
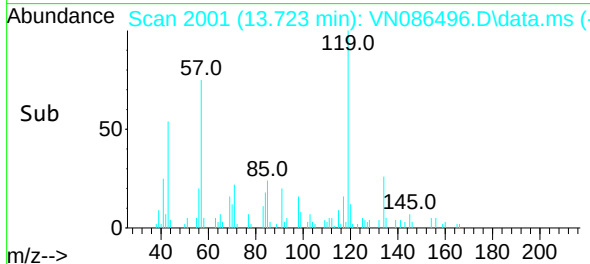
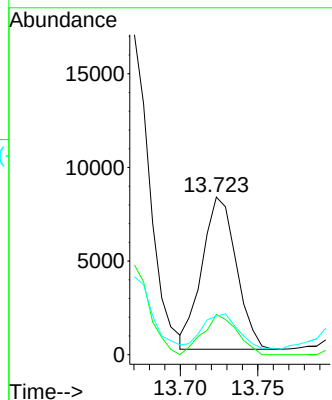
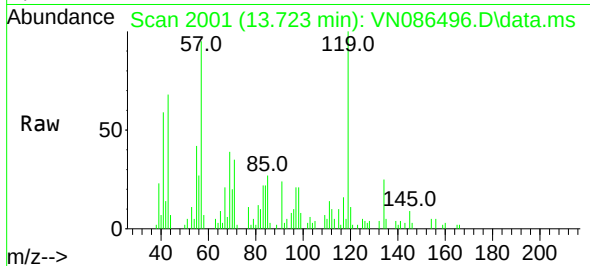




#86
p-Isopropyltoluene
Concen: 1.336 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

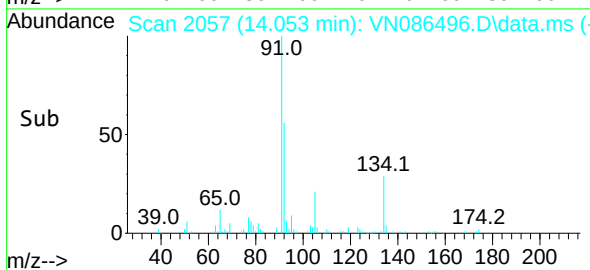
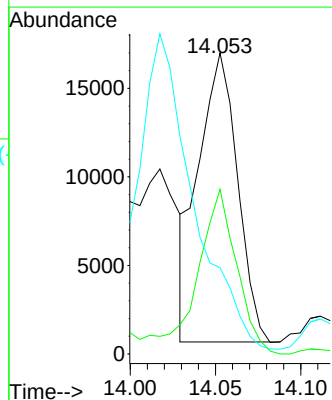
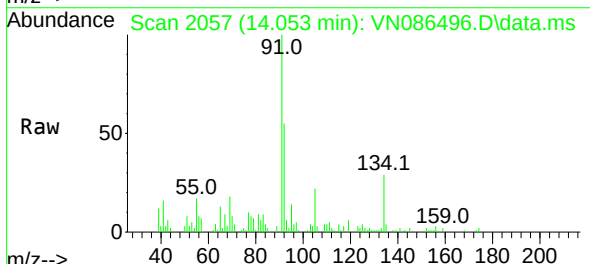
Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion:	119	Resp:	12519
Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.1
91	24.5	11.9	35.9



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

Tgt Ion:	91	Resp:	25951
Ion	Ratio	Lower	Upper
91	100		
92	55.5	26.8	80.4
134	0.0	12.2	36.6



Report of Analysis

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

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

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

Report of Analysis

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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-9

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

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	197156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	383574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	339845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	120680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	102619	56.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.700%
35) Dibromofluoromethane	7.634	113	131757	51.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.980%
50) Toluene-d8	10.109	98	470465	49.245	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.408	95	124718	38.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.560%

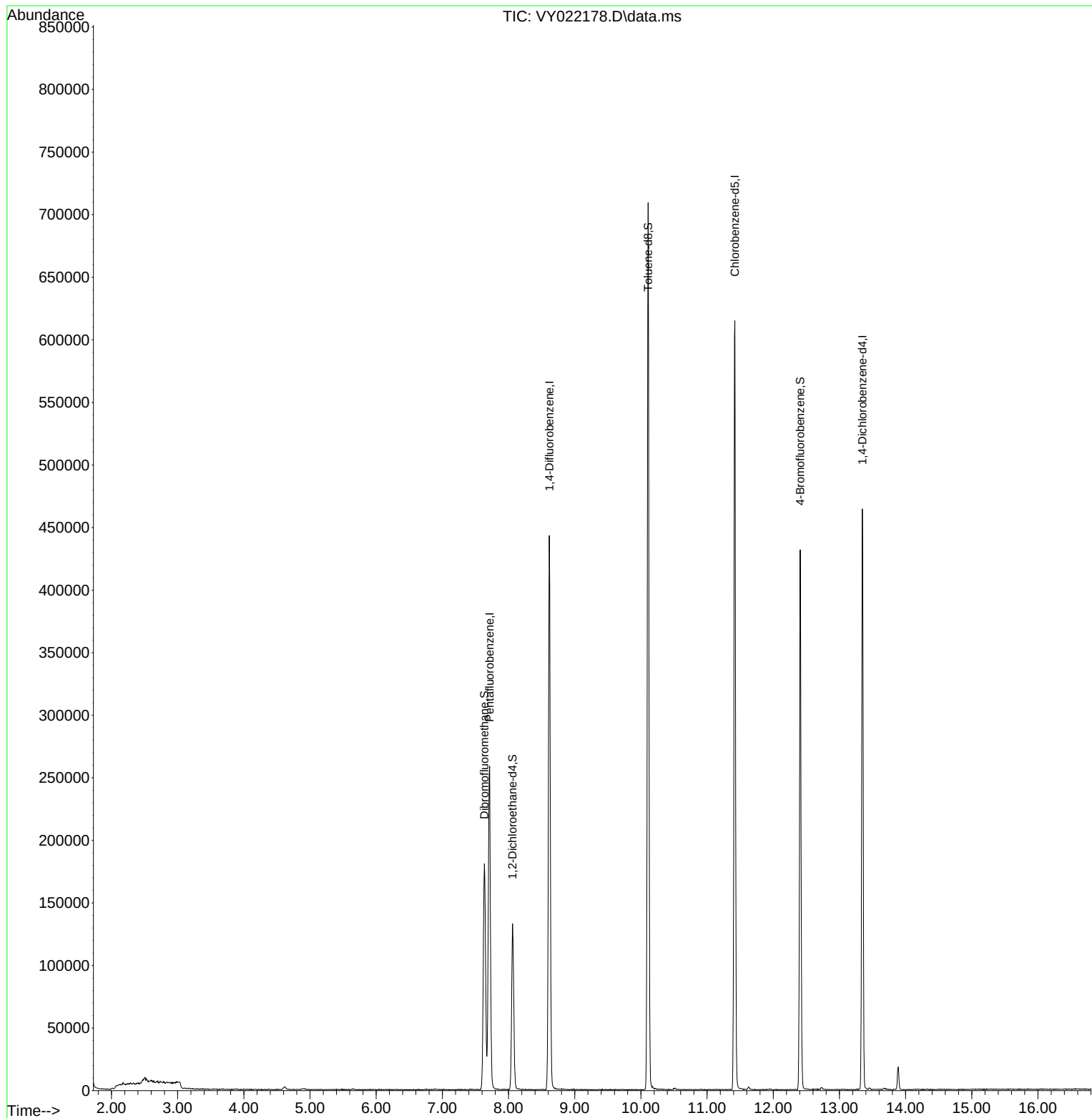
Target Compounds	Qvalue

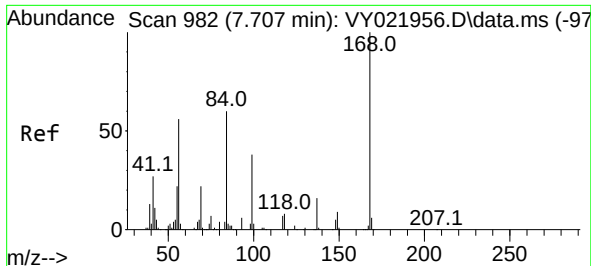
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_Y
ClientSampleId :
SS-9

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

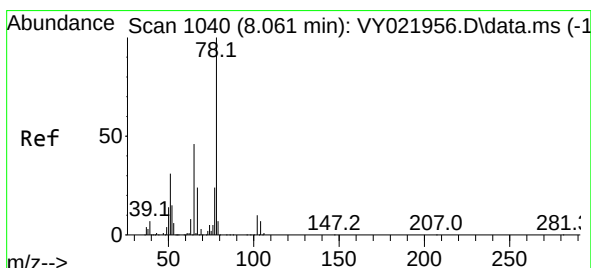
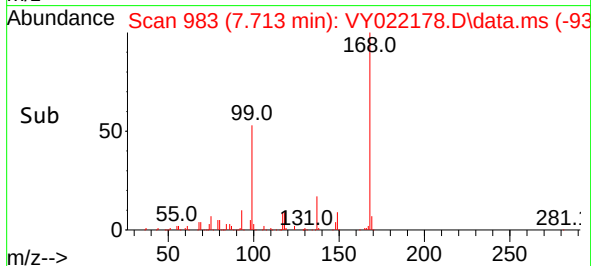
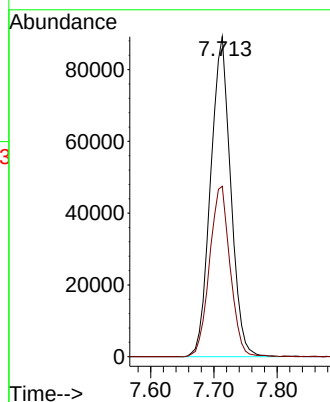
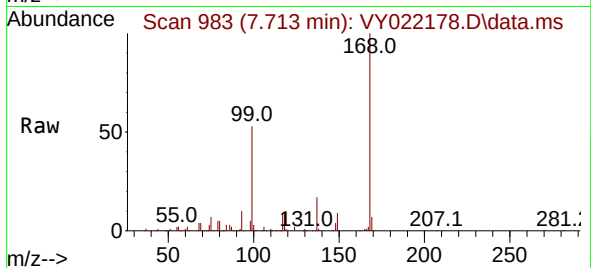




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY022178.D
Acq: 06 May 2025 13:03

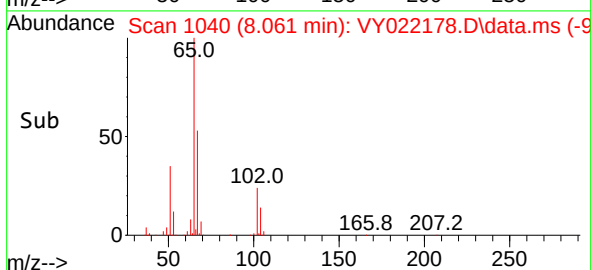
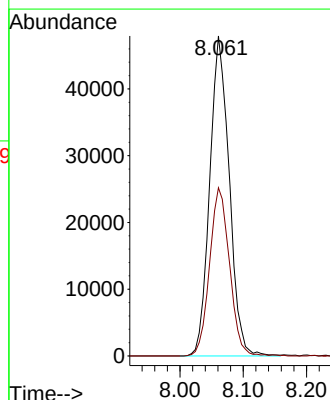
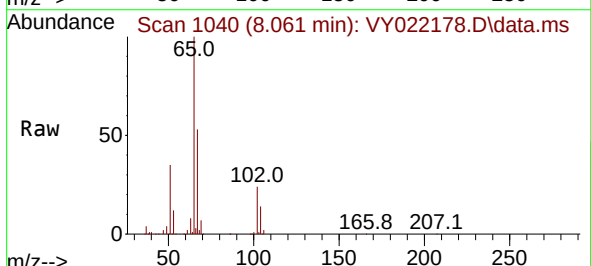
Instrument :
MSVOA_Y
ClientSampleId :
SS-9

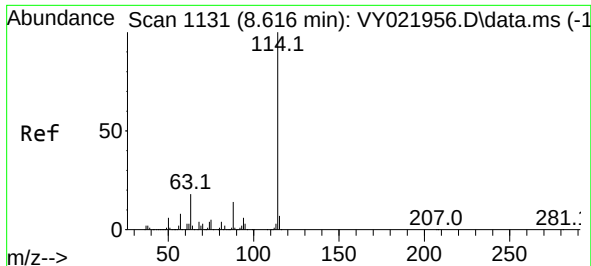
Tgt Ion:168 Resp: 197156
Ion Ratio Lower Upper
168 100
99 53.2 43.1 64.7



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

Tgt Ion: 65 Resp: 102619
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022178.D

Acq: 06 May 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SS-9

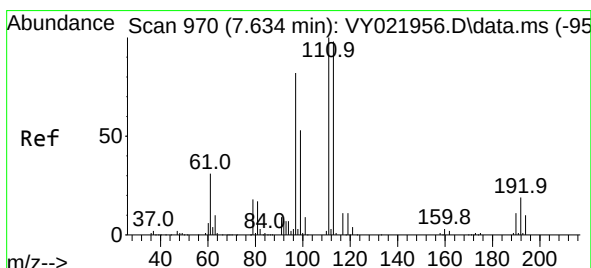
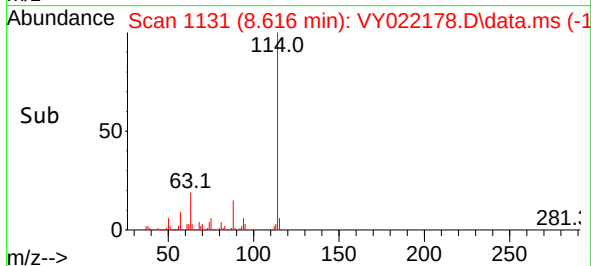
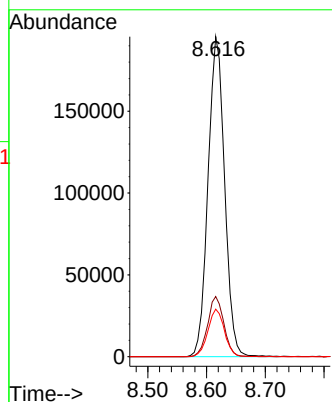
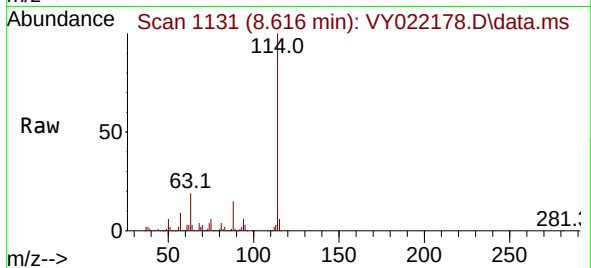
Tgt Ion:114 Resp: 383574

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.4

88 14.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.994 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022178.D

Acq: 06 May 2025 13:03

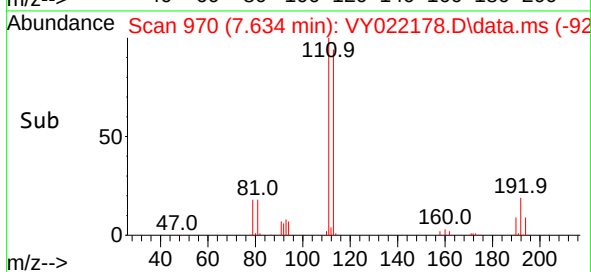
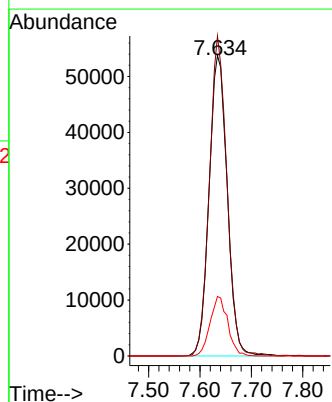
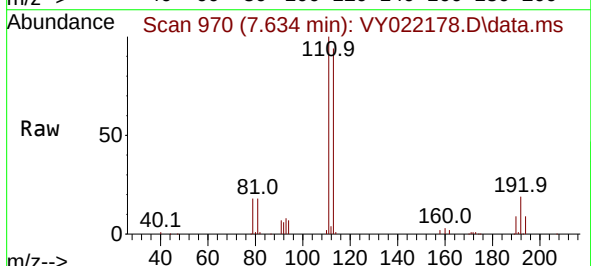
Tgt Ion:113 Resp: 131757

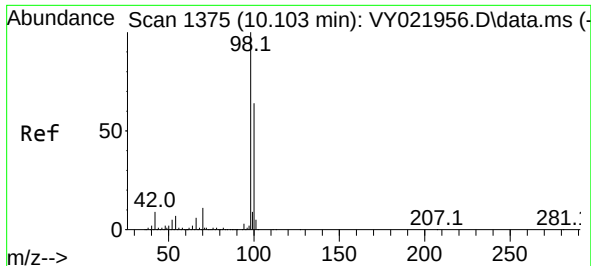
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 19.3 15.6 23.4

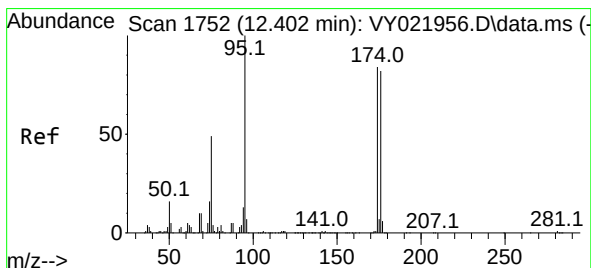
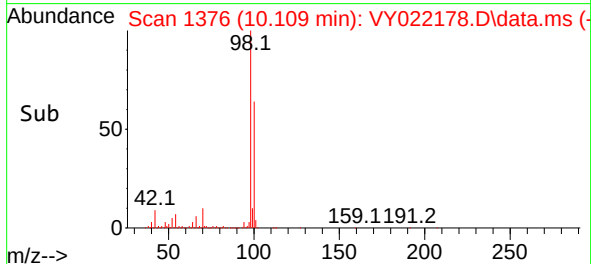
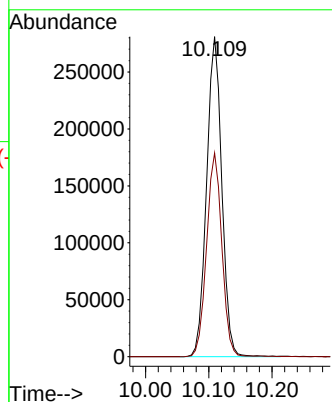
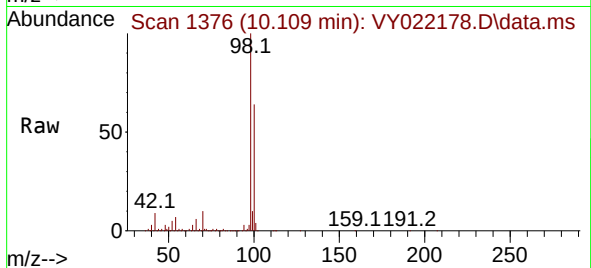




#50
Toluene-d8
Concen: 49.245 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022178.D
Acq: 06 May 2025 13:03

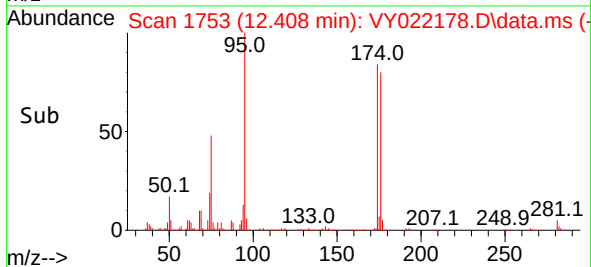
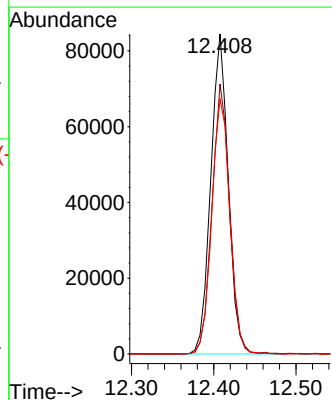
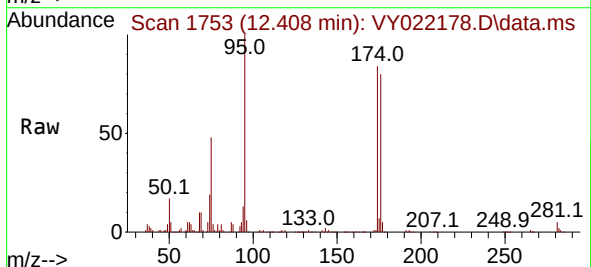
Instrument :
MSVOA_Y
ClientSampleId :
SS-9

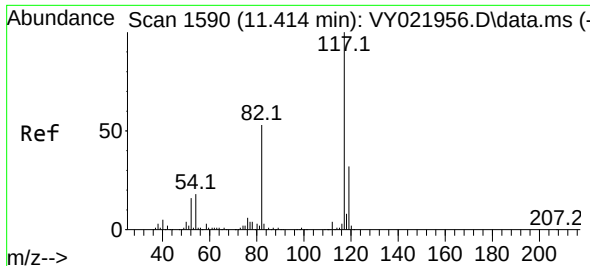
Tgt Ion: 98 Resp: 470465
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



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

Tgt Ion: 95 Resp: 124718
Ion Ratio Lower Upper
95 100
174 85.8 0.0 179.0
176 82.9 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022178.D

Acq: 06 May 2025 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SS-9

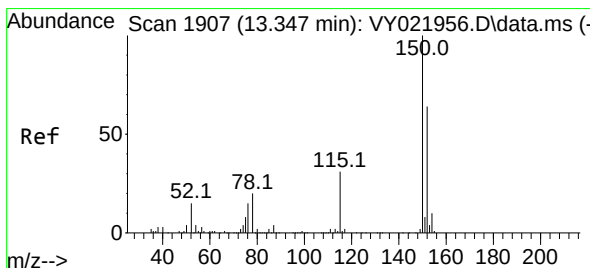
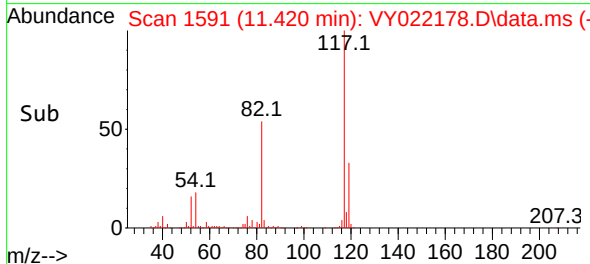
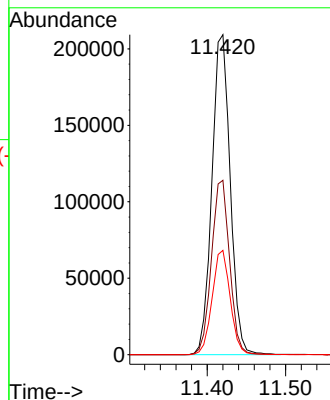
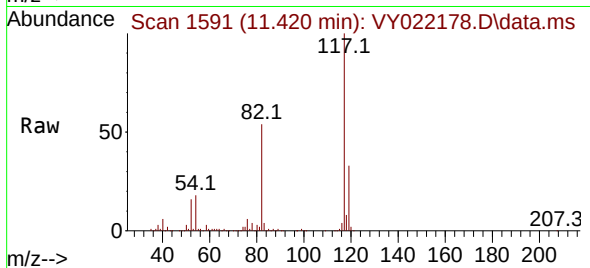
Tgt Ion:117 Resp: 339845

Ion Ratio Lower Upper

117 100

82 54.5 42.1 63.1

119 32.6 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022178.D

Acq: 06 May 2025 13:03

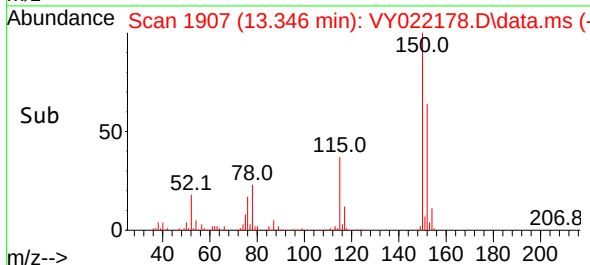
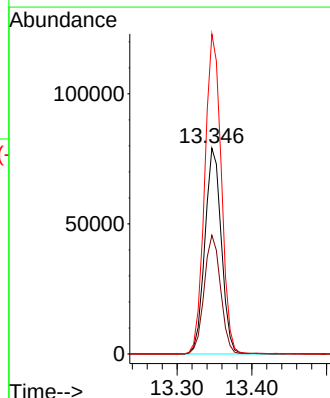
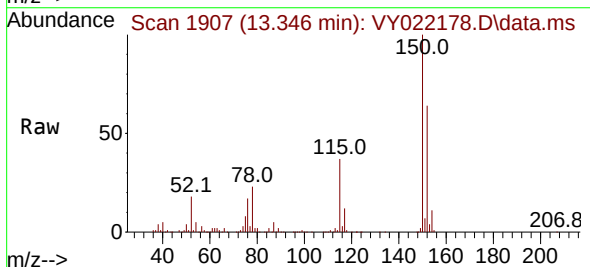
Tgt Ion:152 Resp: 120680

Ion Ratio Lower Upper

152 100

115 57.6 28.0 84.0

150 156.2 0.0 345.6



Report of Analysis

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

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

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



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

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

A = Aldol-Condensation Reaction Products

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

Instrument :
 MSVOA_X
 ClientSampleId :
 FB04282025

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

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

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

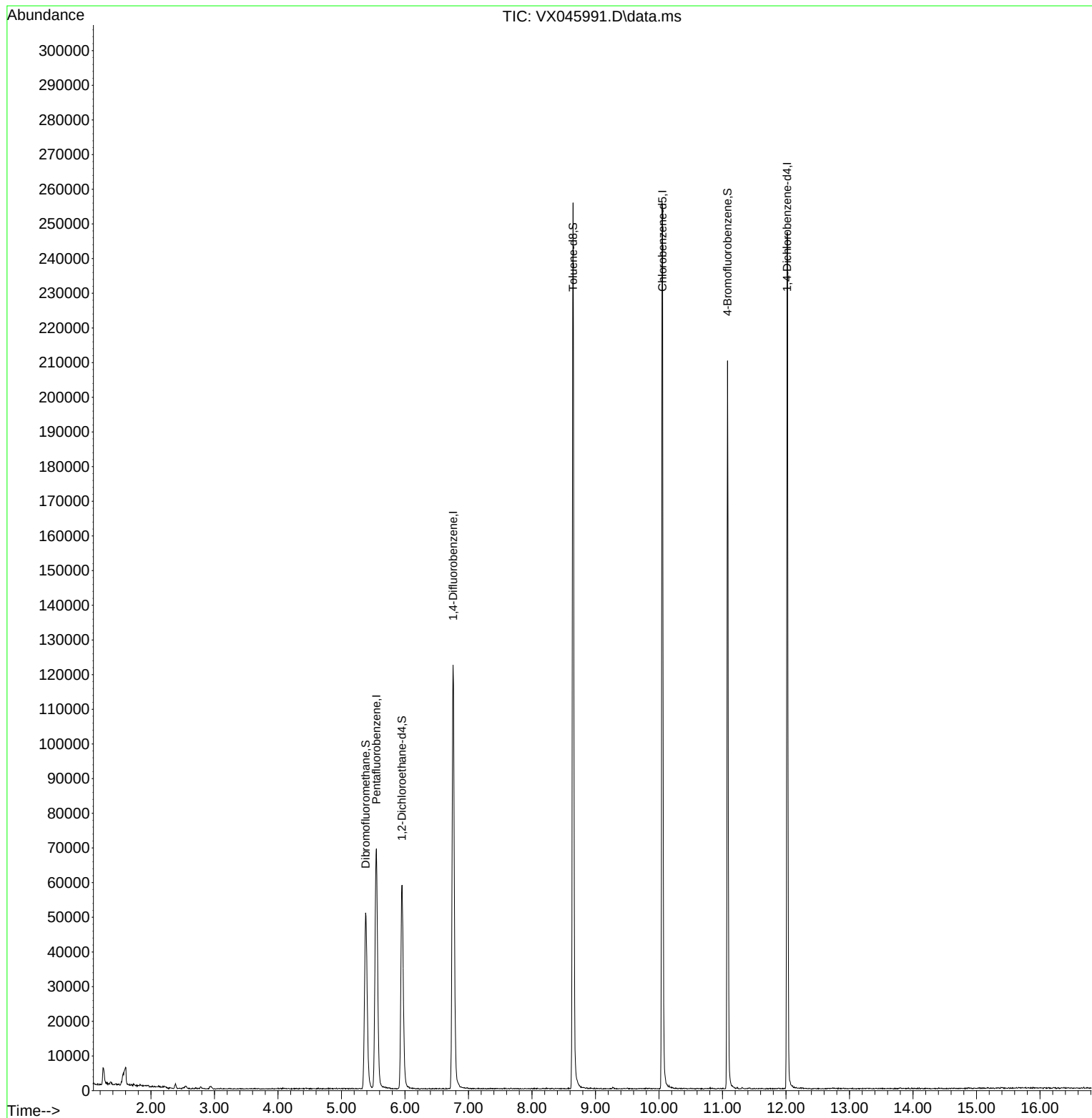
Target Compounds	Qvalue

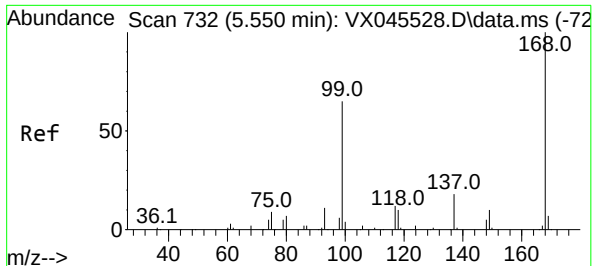
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

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

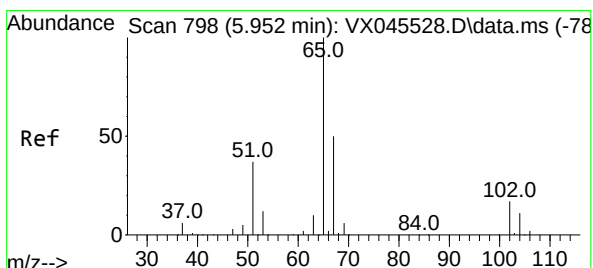
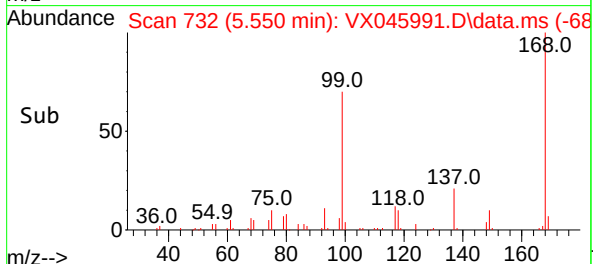
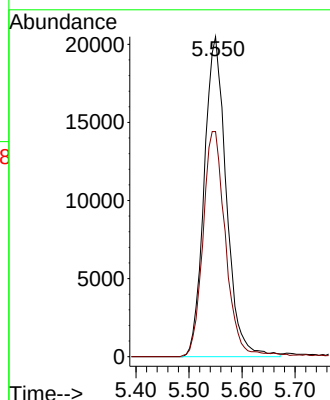
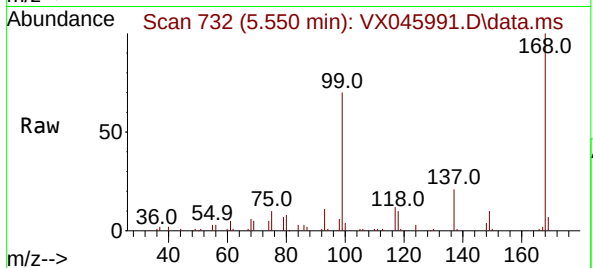




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

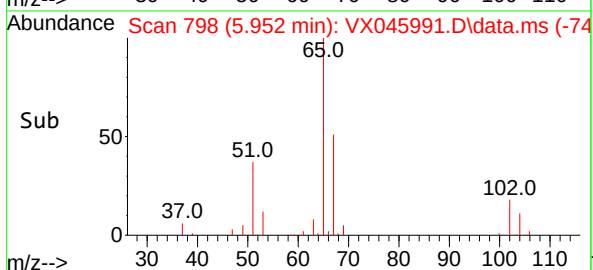
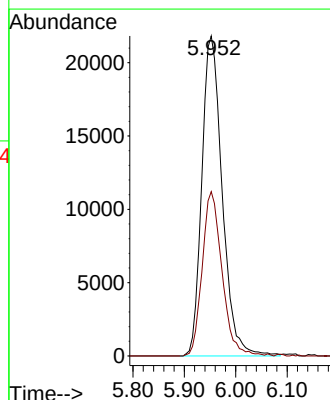
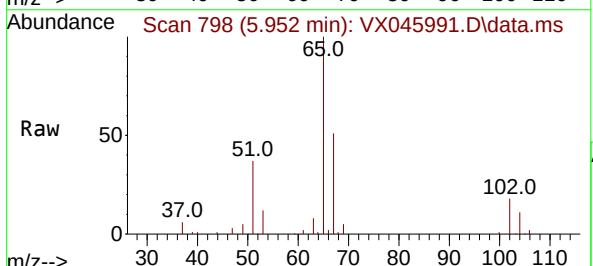
Instrument :
MSVOA_X
ClientSampleId :
FB04282025

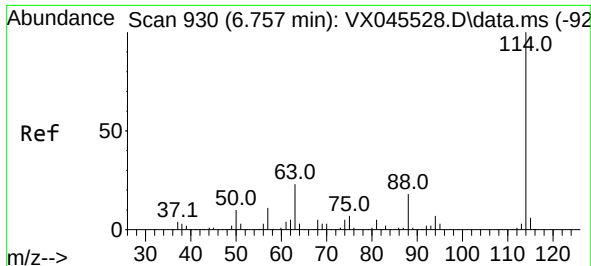
Tgt Ion:168 Resp: 59292
Ion Ratio Lower Upper
168 100
99 70.3 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 55.497 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion: 65 Resp: 60175
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.0

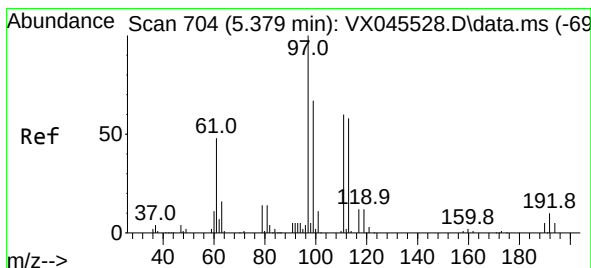
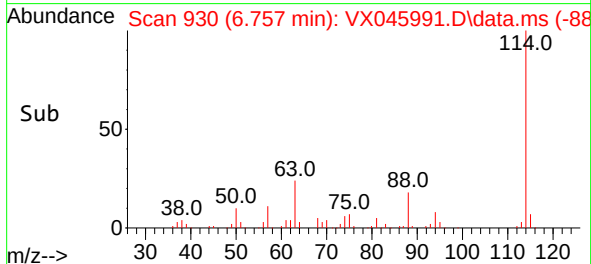
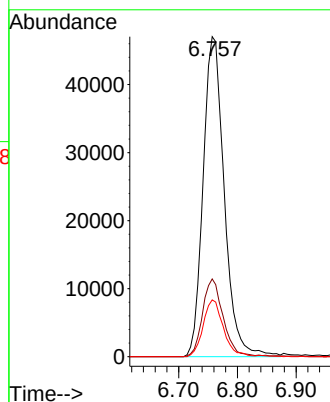
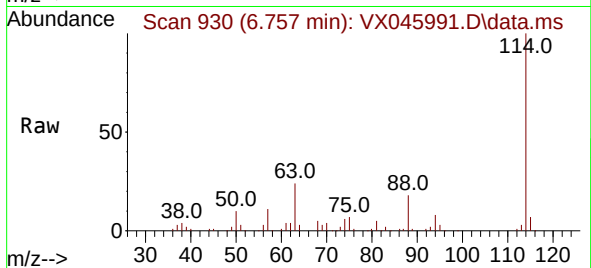




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

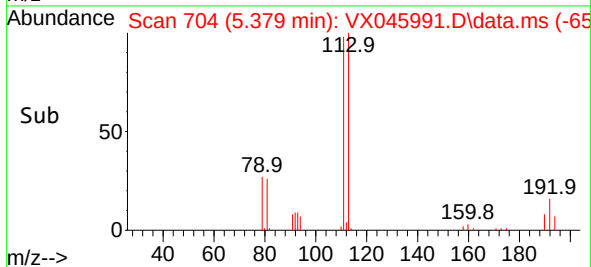
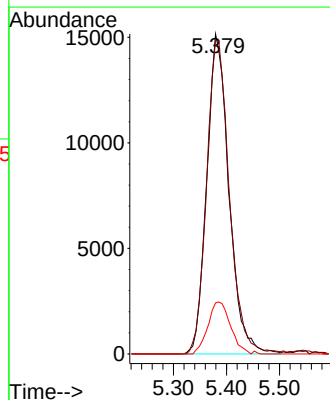
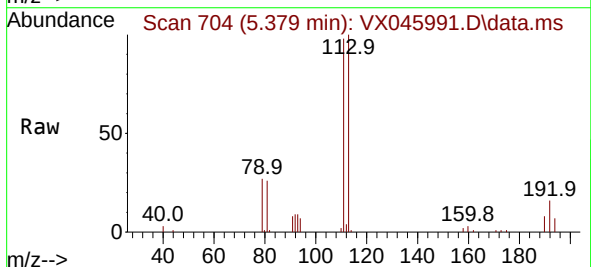
Instrument :
MSVOA_X
ClientSampleId :
FB04282025

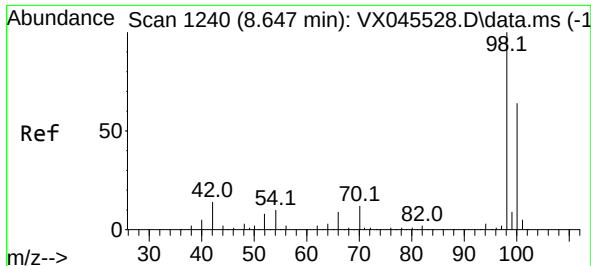
Tgt Ion:114 Resp: 117758
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 17.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.622 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion:113 Resp: 43965
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.6
192 16.5 13.8 20.6

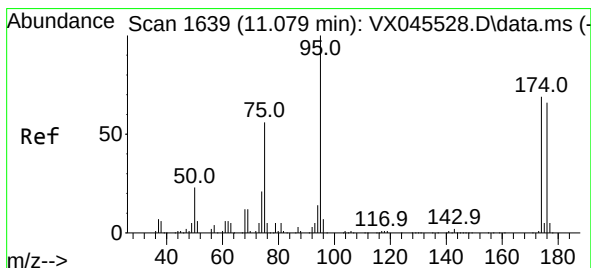
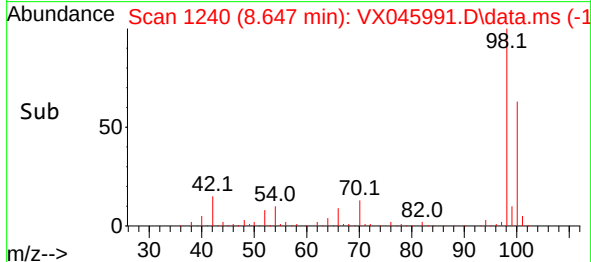
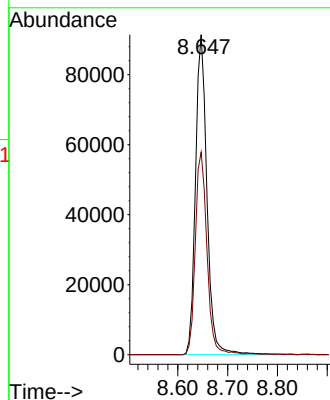
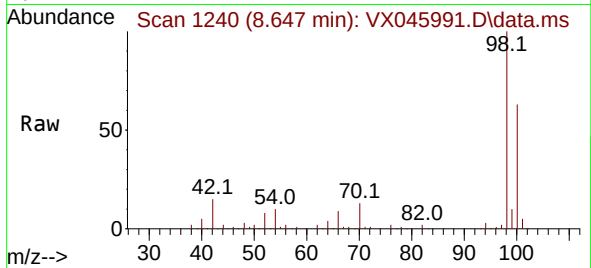




#50
Toluene-d8
Concen: 50.156 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

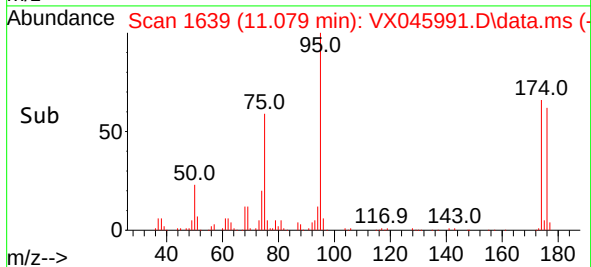
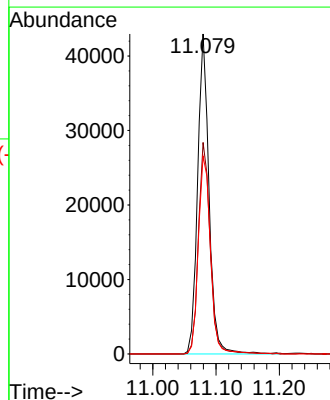
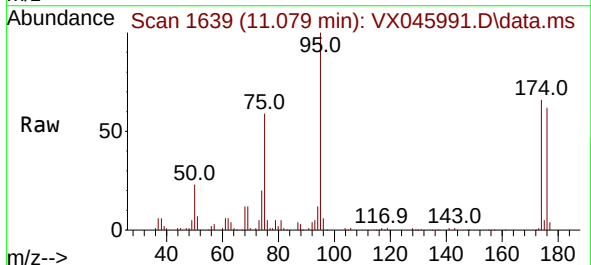
Instrument :
MSVOA_X
ClientSampleId :
FB04282025

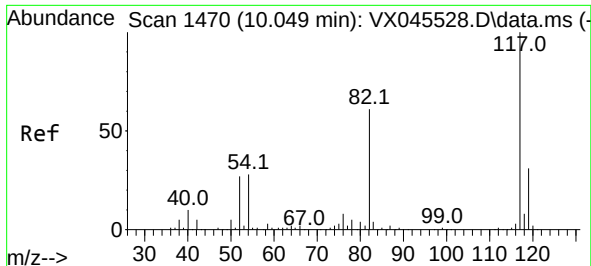
Tgt Ion: 98 Resp: 146264
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion: 95 Resp: 54025
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 66.3 0.0 131.4

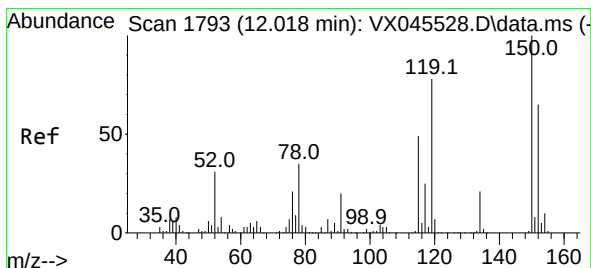
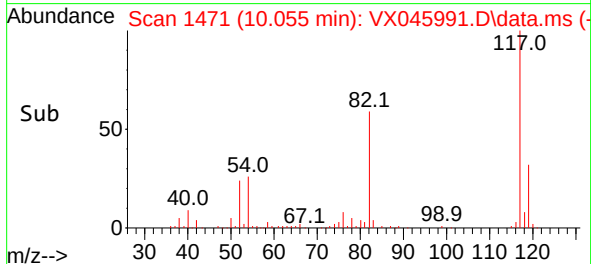
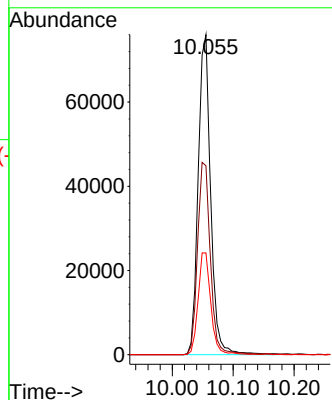
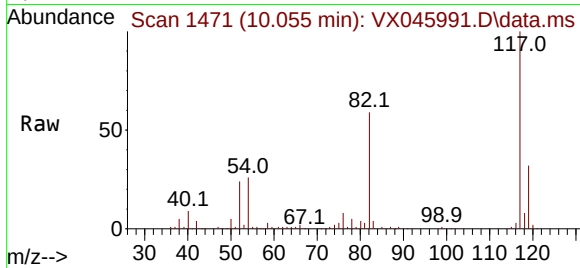




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

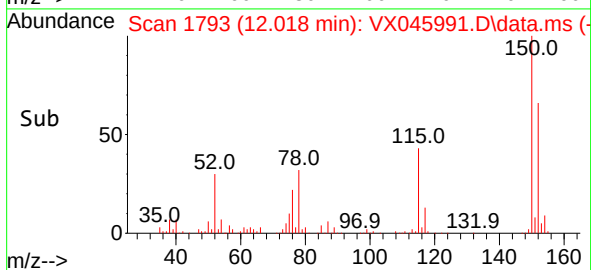
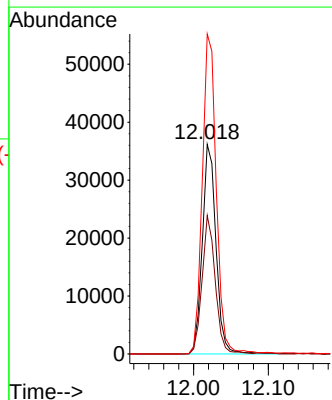
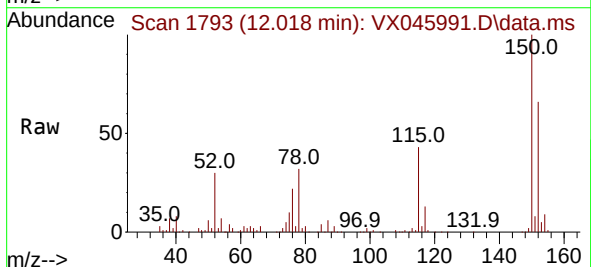
Instrument :
MSVOA_X
ClientSampleId :
FB04282025

Tgt Ion:117 Resp: 108001
Ion Ratio Lower Upper
117 100
82 59.0 49.2 73.8
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion:152 Resp: 46147
Ion Ratio Lower Upper
152 100
115 63.5 46.9 140.7
150 156.0 0.0 349.4





CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914
 Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025
 Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX045525.D		RRF005 = VX045526.D		RRF020 = VX045527.D			
		RRF050 = VX045528.D		RRF100 = VX045529.D		RRF150 = VX045530.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.8	
Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.8	
Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.9	
m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.9	
o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.2	
Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.2	
n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.6	
1,3,5-Trimethylbenzene	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.3	
tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.8	
1,2,4-Trimethylbenzene	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.6	
sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.1	
p-Isopropyltoluene	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.6	
n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.5	
1,2-Dichloroethane-d4		0.962	0.900	0.868	0.904	0.937	0.914	3.9	
Dibromofluoromethane		0.372	0.342	0.345	0.353	0.362	0.355	3.5	
Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.5	
4-Bromofluorobenzene		0.413	0.448	0.453	0.481	0.460	0.451	5.5	

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

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X040225W.M
 Title : SW846 8260
 Last Update : Wed Apr 02 03:11:43 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX045525.D 5 =VX045526.D 20 =VX045527.D 50 =VX045528.D 100 =VX045529.D 150 =VX045530.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.13
3) P	Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.05
4) C	Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.43#
5) T	Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.20
6) T	Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.27
7) T	Trichlorofluor...	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.22
8) T	Diethyl Ether	0.345	0.340	0.356	0.355	0.358	0.357	0.352	2.11
9) T	1,1,2-Trichlor...	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.74
10) T	Methyl Iodide		0.705	0.789	0.799	0.788	0.750	0.766	5.08
11) T	Tert butyl alc...		0.111	0.124	0.127	0.128	0.124	0.123	5.44
12) CM	1,1-Dichloroet...	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.51#
13) T	Acrolein		0.176	0.161	0.167	0.170	0.172	0.169	3.41
14) T	Allyl chloride	1.092	1.068	1.142	1.172	1.199	1.160	1.139	4.36
15) T	Acrylonitrile	0.356	0.382	0.413	0.407	0.394	0.376	0.388	5.38
16) T	Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.28
17) T	Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.24
18) T	Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.22
19) T	Methyl tert-bu...	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.20
20) T	Methylene Chlo...	0.692	0.695	0.726	0.709	0.705	0.690	0.703	1.96
21) T	trans-1,2-Dich...	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.94
22) T	Diisopropyl ether	2.003	2.120	2.329	2.293	2.359	2.357	2.243	6.59
23) T	Vinyl Acetate	1.542	1.693	2.005	2.087	2.147	2.156	1.938	13.34
24) P	1,1-Dichloroet...	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3.01
25) T	2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.55
26) T	2,2-Dichloropr...	0.676	0.757	0.802	0.847	0.903	0.933	0.820	11.67
27) T	cis-1,2-Dichlo...	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.43
28) T	Bromochloromet...	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.18
29) T	Tetrahydrofuran	0.339	0.341	0.371	0.371	0.364	0.352	0.356	4.05
30) C	Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.60#
31) T	Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4.00
32) T	1,1,1-Trichlor...	1.028	1.052	1.120	1.109	1.153	1.167	1.105	4.96
33) S	1,2-Dichloroet...		0.962	0.900	0.868	0.904	0.937	0.914	3.94
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.372	0.342	0.345	0.353	0.362	0.355	3.48
36) T	1,1-Dichloropr...	0.477	0.443	0.474	0.485	0.496	0.499	0.479	4.26
37) T	Ethyl Acetate	0.582	0.565	0.609	0.623	0.629	0.614	0.604	4.15
38) T	Carbon Tetrach...	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.49
39) T	Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.76
40) TM	Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.81
41) T	Methacrylonitrile	0.252	0.276	0.338	0.351	0.350	0.343	0.318	13.52
42) TM	1,2-Dichloroet...	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.72
43) T	Isopropyl Acetate	0.735	0.831	0.952	0.978	1.002	0.991	0.915	11.77
44) TM	Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.67
45) C	1,2-Dichloropr...	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.83#
46) T	Dibromomethane	0.237	0.287	0.297	0.292	0.286	0.282	0.280	7.76
47) T	Bromodichlorom...	0.521	0.519	0.576	0.571	0.587	0.583	0.560	5.56
48) T	Methyl methacr...	0.405	0.416	0.486	0.508	0.518	0.502	0.472	10.44
49) T	1,4-Dioxane	0.007	0.010	0.009	0.009	0.009	0.008	0.009	13.93
50) S	Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.50
51) T	4-Methyl-2-Pen...	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.57
52) CM	Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.79#
53) T	t-1,3-Dichloro...	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.27
54) T	cis-1,3-Dichlo...	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.88
55) T	1,1,2-Trichlor...	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.11
56) T	Ethyl methacry...	0.407	0.482	0.562	0.600	0.629	0.595	0.546	15.54

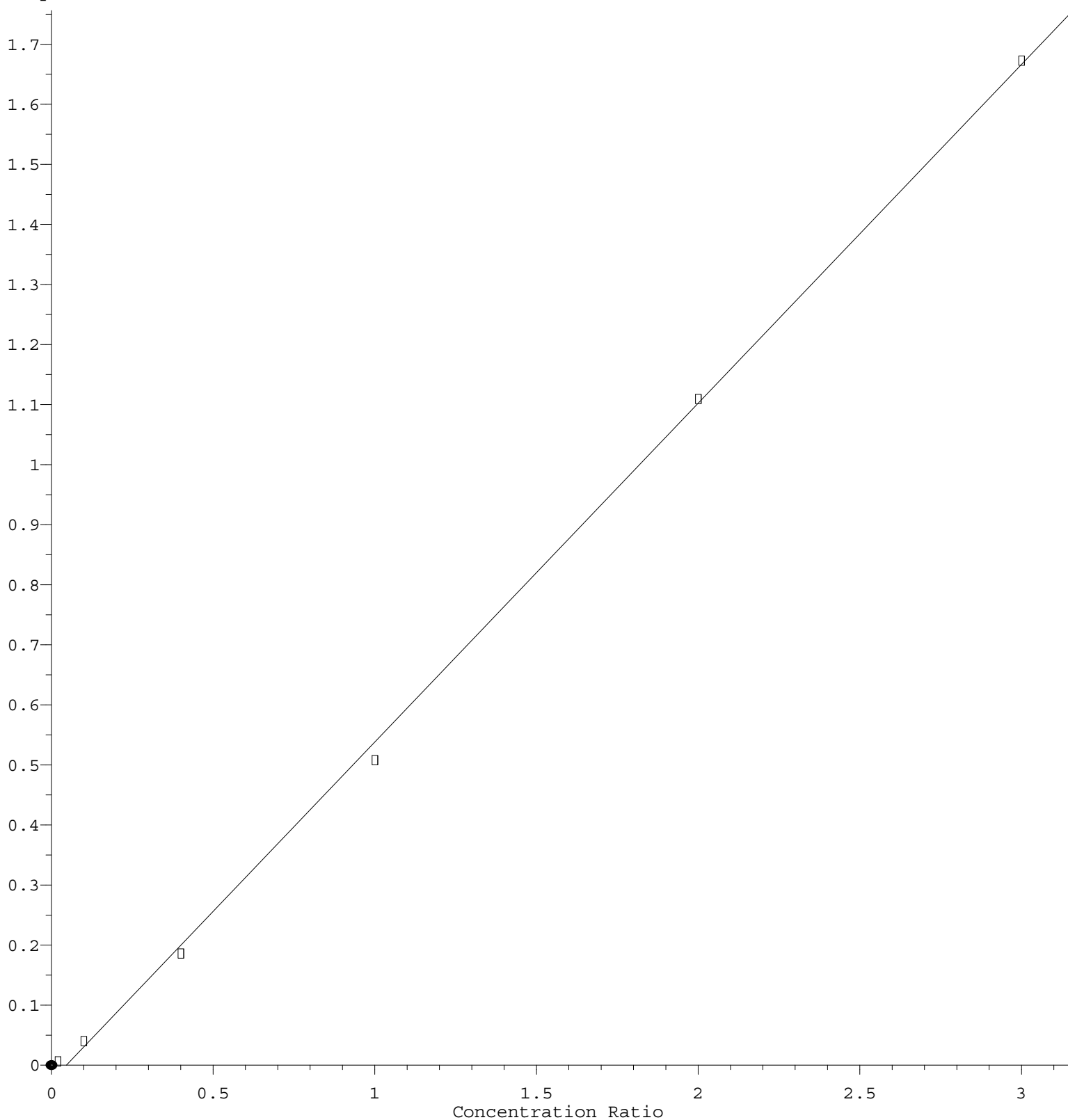
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X040225W.M

57)	T	1,3-Dichloropr...	0.555	0.614	0.652	0.633	0.630	0.601	0.614	5.49
58)	T	2-Chloroethyl ...	0.221	0.257	0.286	0.298	0.301	0.293	0.276	11.26
59)	T	2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.14
60)	T	Dibromochlorom...	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.06
61)	T	1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.12
62)	S	4-Bromofluorob...		0.413	0.448	0.453	0.481	0.460	0.451	5.45
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.47
65)	PM	Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.83
66)	T	1,1,1,2-Tetrac...	0.368	0.344	0.372	0.373	0.379	0.390	0.371	4.18
67)	C	Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.89#
68)	T	m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.92
69)	T	o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.17
70)	T	Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.82
71)	P	Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.07
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.17
74)	T	N-amyl acetate	1.442	1.682	1.960	2.058	2.132	2.221	1.916	15.51
75)	P	1,1,2,2-Tetrac...	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.43
76)	T	1,2,3-Trichlor...	1.221	1.257	1.251	1.225	1.192	1.171	1.220	2.71
77)	T	Bromobenzene	0.877	0.927	0.953	0.938	0.925	0.932	0.925	2.77
78)	T	n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.59
79)	T	2-Chlorotoluene	2.894	2.873	3.130	2.966	2.915	2.918	2.949	3.19
80)	T	1,3,5-Trimethy...	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.35
81)	T	trans-1,4-Dich...		0.274	0.323	0.371	0.401	0.428	0.359	17.16
82)	T	4-Chlorotoluene	2.961	3.156	3.470	3.449	3.350	3.343	3.288	5.93
83)	T	tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.78
84)	T	1,2,4-Trimethy...	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.57
85)	T	sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.12
86)	T	p-Isopropyltol...	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.63
87)	T	1,3-Dichlorobe...	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.70
88)	T	1,4-Dichlorobe...	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.09
89)	T	n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.50
90)	T	Hexachloroethane	0.493	0.493	0.556	0.597	0.623	0.661	0.571	12.14
91)	T	1,2-Dichlorobe...	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.34
92)	T	1,2-Dibromo-3-...	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.37
93)	T	1,2,4-Trichlor...	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.07
94)	T	Hexachlorobuta...	0.379	0.389	0.401	0.404	0.415	0.422	0.402	4.03
95)	T	Naphthalene	2.544	3.070	3.630	3.722	3.867	3.982	3.469	15.93
96)	T	1,2,3-Trichlor...	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.63

(#) = Out of Range

t-1,3-Dichloropropene

Response Ratio



$$\text{Response} = 5.639\text{e-}001 * \text{Amt} - 2.582\text{e-}002$$

Coef of Det (r^2) = 0.999232 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X040225W.M

Calibration Table Last Updated: Wed Apr 02 03:11:43 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045525.D
 Acq On : 01 Apr 2025 17:06
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 02 02:50:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1189	0.822	ug/l	94
3) Chloromethane	1.307	50	1479	0.995	ug/l #	86
4) Vinyl Chloride	1.374	62	1299	0.955	ug/l	98
6) Chloroethane	1.673	64	732	1.014	ug/l #	67
7) Trichlorofluoromethane	1.880	101	2034	1.003	ug/l	93
8) Diethyl Ether	2.130	74	668	0.981	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	1113	0.936	ug/l	94
12) 1,1-Dichloroethene	2.313	96	1090	0.939	ug/l	95
14) Allyl chloride	2.660	41	2113	0.959	ug/l	93
15) Acrylonitrile	3.075	53	3446	4.592	ug/l	95
16) Acetone	2.380	43	3867	5.323	ug/l	98
17) Carbon Disulfide	2.508	76	2580	0.899	ug/l #	95
18) Methyl Acetate	2.703	43	1744	1.043	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	3705	0.912	ug/l	92
20) Methylene Chloride	2.782	84	1338	0.984	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	1111	0.936	ug/l #	93
22) Diisopropyl ether	3.758	45	3875	0.893	ug/l #	59
23) Vinyl Acetate	3.727	43	14921	3.979	ug/l	95
24) 1,1-Dichloroethane	3.611	63	2343	0.954	ug/l #	90
25) 2-Butanone	4.581	43	4590	4.317	ug/l	92
26) 2,2-Dichloropropane	4.471	77	1307	0.824	ug/l	85
27) cis-1,2-Dichloroethene	4.495	96	1475	1.020	ug/l	80
28) Bromochloromethane	4.891	49	1298	1.094	ug/l #	97
29) Tetrahydrofuran	5.032	42	3276	4.752	ug/l	97
30) Chloroform	5.093	83	2406	0.953	ug/l	84
32) 1,1,1-Trichloroethane	5.385	97	1989	0.931	ug/l #	53
36) 1,1-Dichloropropene	5.696	75	1671	0.995	ug/l #	89
37) Ethyl Acetate	4.751	43	2040	0.964	ug/l #	76
38) Carbon Tetrachloride	5.672	117	1578	0.870	ug/l #	91
39) Methylcyclohexane	7.379	83	1818	0.883	ug/l #	89
40) Benzene	6.038	78	4957	0.967	ug/l	97
41) Methacrylonitrile	4.952	41	883m	0.784	ug/l	
42) 1,2-Dichloroethane	6.092	62	1867	0.882	ug/l	86
43) Isopropyl Acetate	6.361	43	2578	0.804	ug/l #	86
44) Trichloroethene	7.123	130	1224	1.004	ug/l	87
45) 1,2-Dichloropropane	7.434	63	1082	0.846	ug/l	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045525.D
 Acq On : 01 Apr 2025 17:06
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

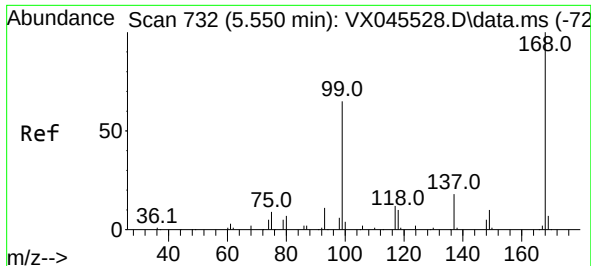
Quant Time: Apr 02 02:50:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

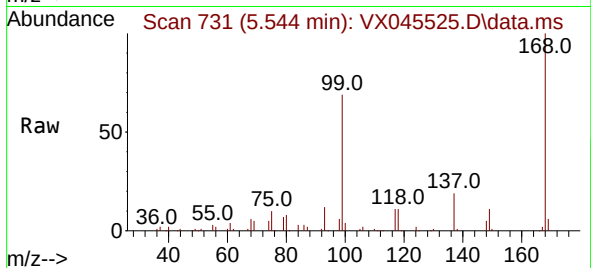
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	831	0.846	ug/l	90
47) Bromodichloromethane	7.824	83	1827	0.931	ug/l #	77
48) Methyl methacrylate	7.720	41	1419	0.857	ug/l	92
49) 1,4-Dioxane	7.671	88	458m	15.288	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	8746	4.114	ug/l	100
52) Toluene	8.720	92	2863	0.923	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	1109	2.850	ug/l	93
54) cis-1,3-Dichloropropene	8.379	75	1300	0.705	ug/l	90
55) 1,1,2-Trichloroethane	9.159	97	1183	0.957	ug/l #	76
56) Ethyl methacrylate	9.129	69	1425m	0.745	ug/l	
57) 1,3-Dichloropropane	9.311	76	1946	0.904	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.245	63	3880	4.008	ug/l	93
59) 2-Hexanone	9.439	43	6360	4.040	ug/l	85
60) Dibromochloromethane	9.519	129	1097	0.814	ug/l	99
61) 1,2-Dibromoethane	9.610	107	1032	0.825	ug/l	96
64) Tetrachloroethene	9.269	164	1062	0.981	ug/l	92
65) Chlorobenzene	10.080	112	2916	0.890	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	1128	0.992	ug/l #	64
67) Ethyl Benzene	10.195	91	4930	0.840	ug/l	90
68) m/p-Xylenes	10.305	106	3645	1.708	ug/l	97
69) o-Xylene	10.640	106	1724	0.820	ug/l	83
70) Styrene	10.659	104	2750	0.793	ug/l	94
71) Bromoform	10.805	173	675	0.795	ug/l #	94
73) Isopropylbenzene	10.964	105	4377	0.894	ug/l	95
74) N-amyl acetate	10.854	43	1762	0.752	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	1781	1.036	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	1493m	1.002	ug/l	
77) Bromobenzene	11.201	156	1072	0.948	ug/l	95
78) n-propylbenzene	11.305	91	4564	0.809	ug/l	97
79) 2-Chlorotoluene	11.366	91	3537	0.981	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	3582	0.885	ug/l	100
82) 4-Chlorotoluene	11.457	91	3619	0.900	ug/l	96
83) tert-Butylbenzene	11.713	119	3537	0.883	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	3552	0.874	ug/l	99
85) sec-Butylbenzene	11.890	105	3905	0.793	ug/l	98
86) p-Isopropyltoluene	12.012	119	3342	0.824	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	2026	0.984	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	2042m	0.978	ug/l	
89) n-Butylbenzene	12.335	91	2587	0.735	ug/l	99
90) Hexachloroethane	12.543	117	602	0.863	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	2009	0.981	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	239	0.665	ug/l #	73
93) 1,2,4-Trichlorobenzene	13.591	180	888	0.779	ug/l	94
94) Hexachlorobutadiene	13.725	225	463	0.943	ug/l	90
95) Naphthalene	13.780	128	3109	0.733	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	956	0.801	ug/l	88

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

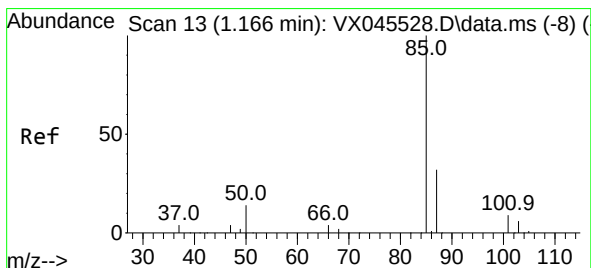
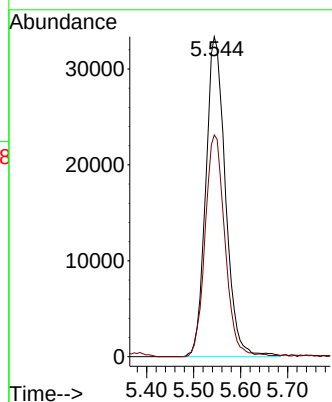
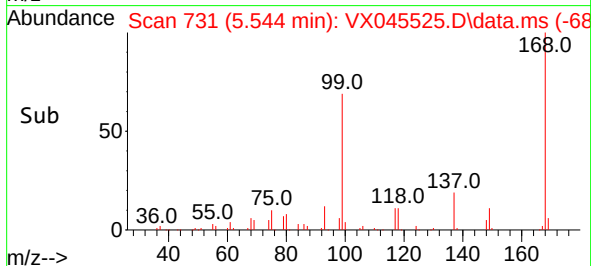
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 9673
Ion Ratio Lower Upper
168 100
99 69.3 52.3 78.5

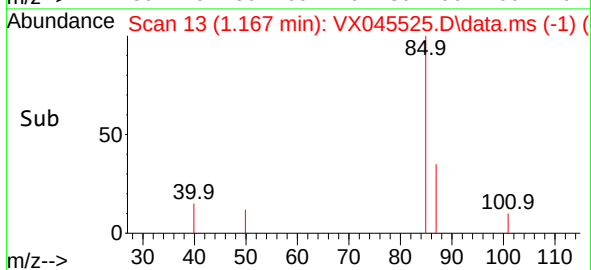
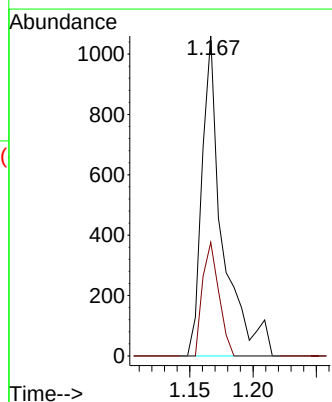
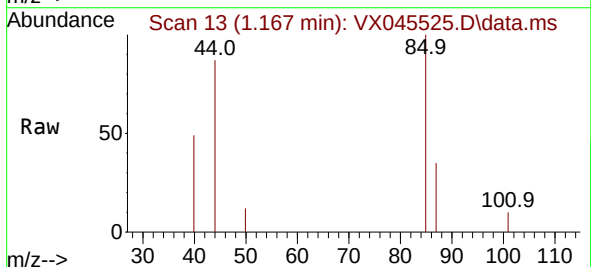
Manual Integrations
APPROVED

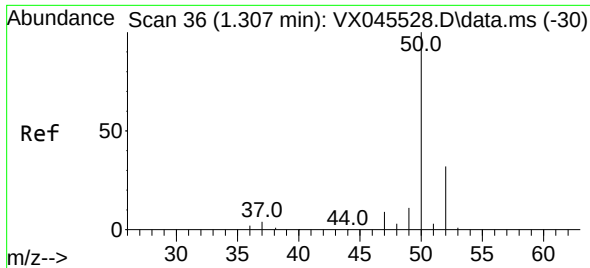
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 0.822 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

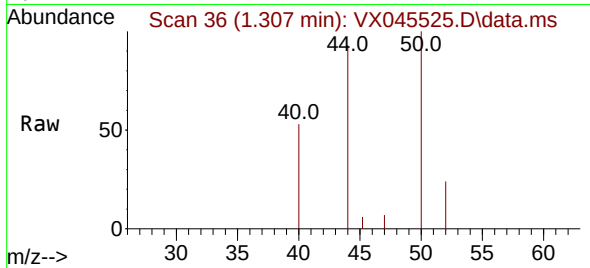
Tgt Ion: 85 Resp: 1189
Ion Ratio Lower Upper
85 100
87 35.5 16.1 48.2





#3
Chloromethane
Concen: 0.995 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

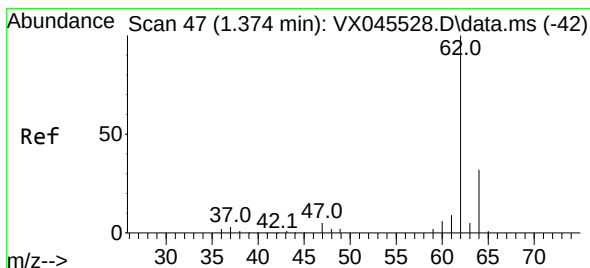
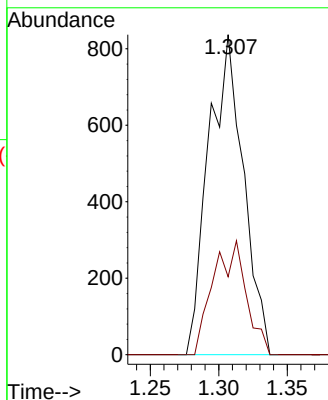
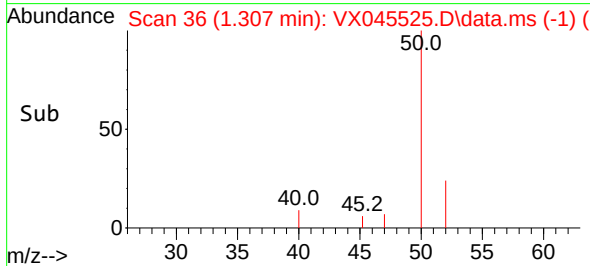
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



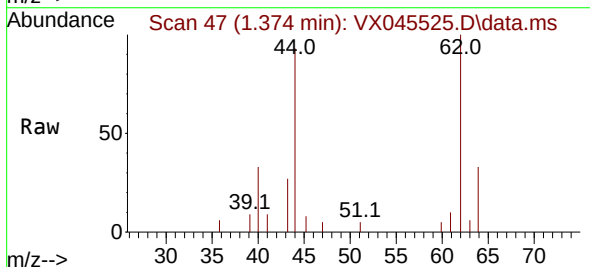
Tgt Ion: 50 Resp: 1479
Ion Ratio Lower Upper
50 100
52 24.4 25.9 38.9

Manual Integrations
APPROVED

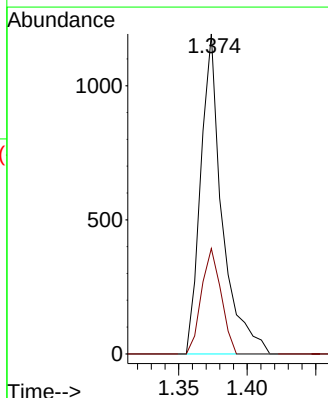
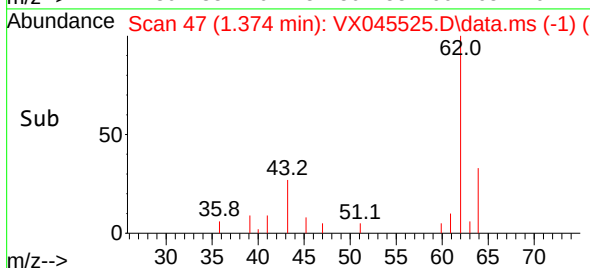
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

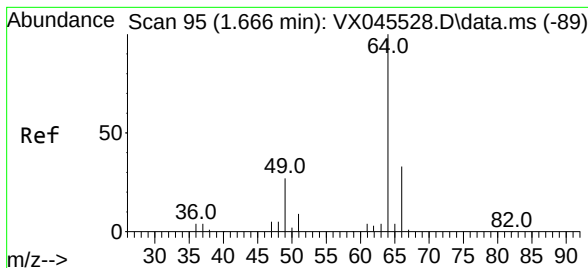


#4
Vinyl Chloride
Concen: 0.955 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



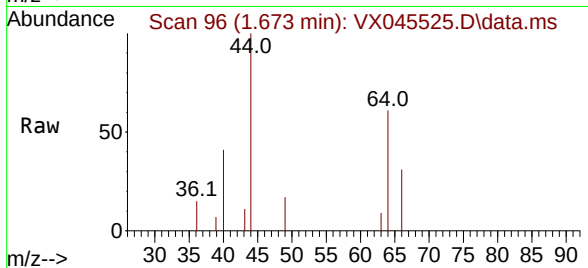
Tgt Ion: 62 Resp: 1299
Ion Ratio Lower Upper
62 100
64 32.9 25.5 38.3





#6
Chloroethane
Concen: 1.014 ug/l
RT: 1.673 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

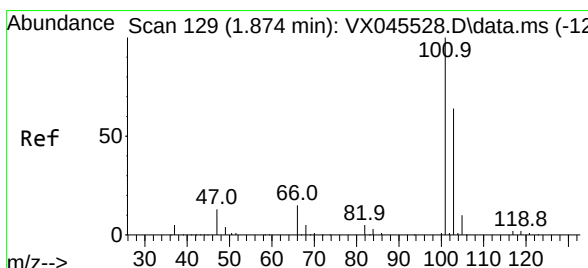
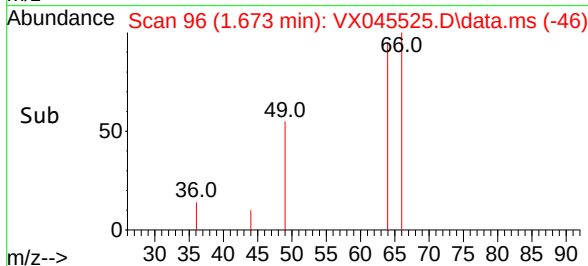
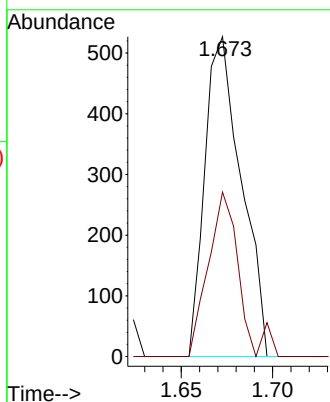
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 64 Resp: 732
Ion Ratio Lower Upper
64 100
66 51.4 26.3 39.5

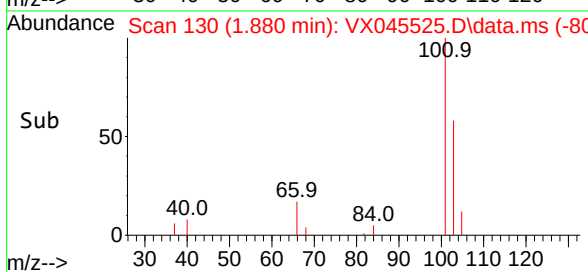
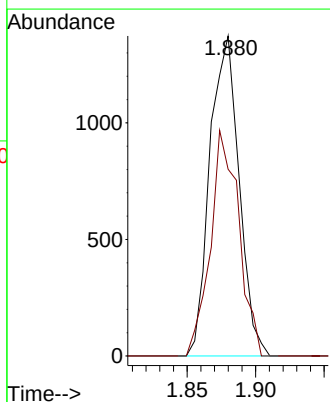
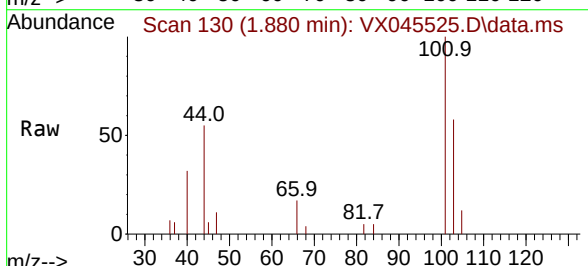
Manual Integrations
APPROVED

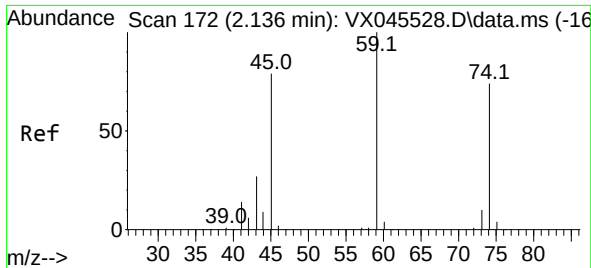
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#7
Trichlorofluoromethane
Concen: 1.003 ug/l
RT: 1.880 min Scan# 130
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

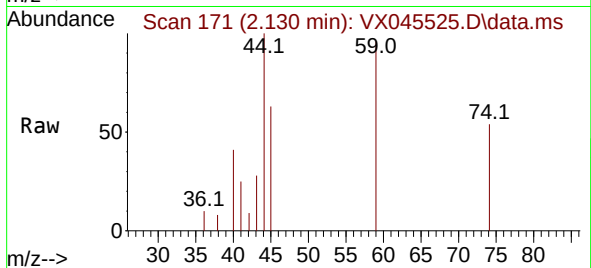
Tgt Ion:101 Resp: 2034
Ion Ratio Lower Upper
101 100
103 58.3 51.1 76.7





#8
Diethyl Ether
Concen: 0.981 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

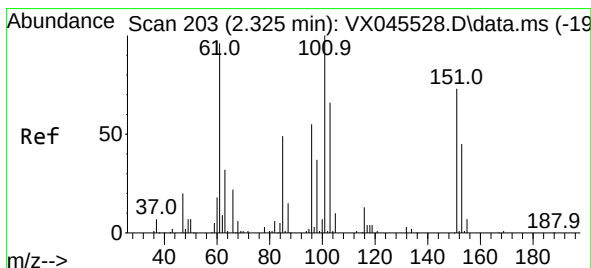
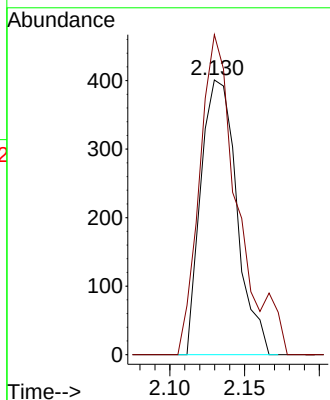
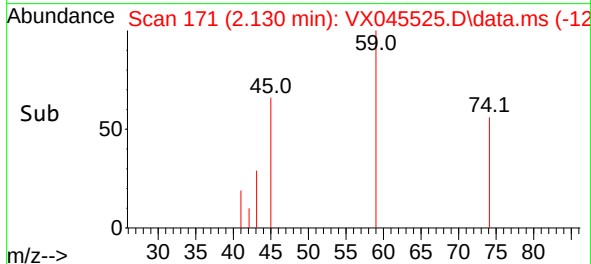
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



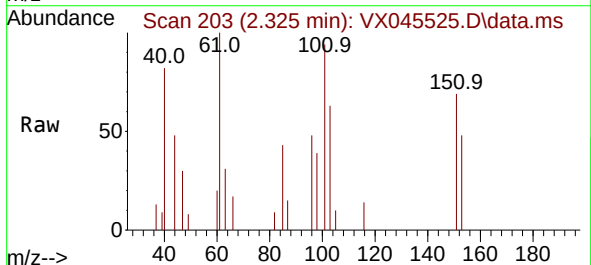
Tgt Ion: 74 Resp: 668
Ion Ratio Lower Upper
74 100
45 124.1 53.0 159.1

Manual Integrations
APPROVED

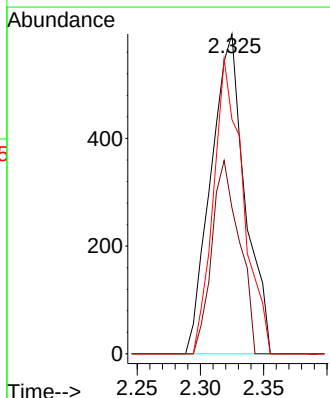
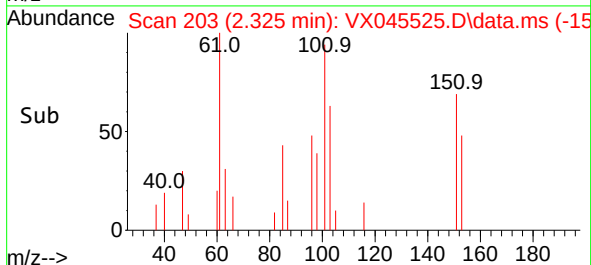
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

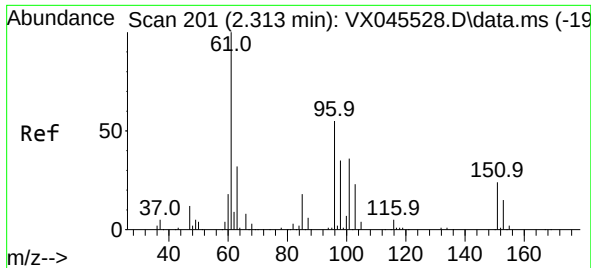


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.936 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



Tgt Ion:101 Resp: 1113
Ion Ratio Lower Upper
101 100
85 48.7 38.9 58.3
151 80.3 57.5 86.3





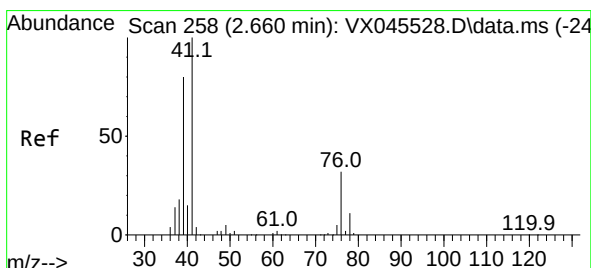
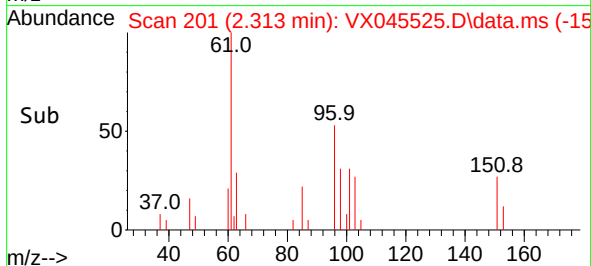
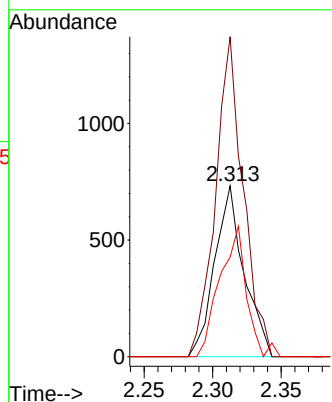
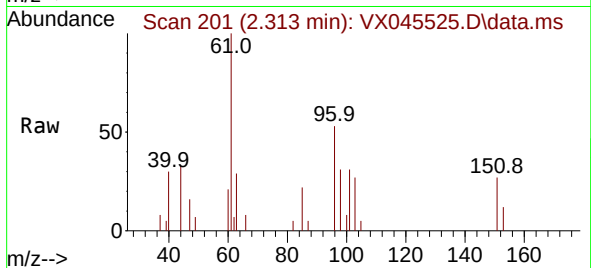
#12
1,1-Dichloroethene
Concen: 0.939 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 1090
Ion Ratio Lower Upper
96 100
61 187.2 145.7 218.5
98 58.3 51.6 77.4

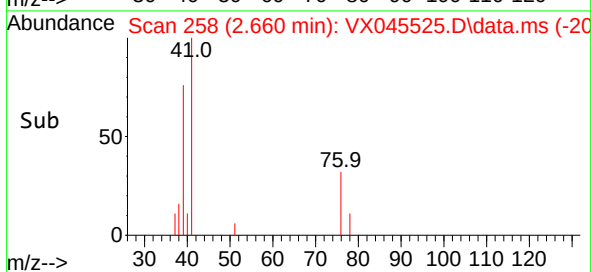
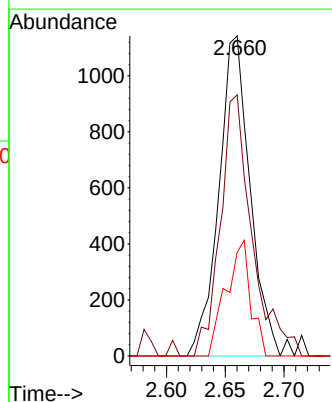
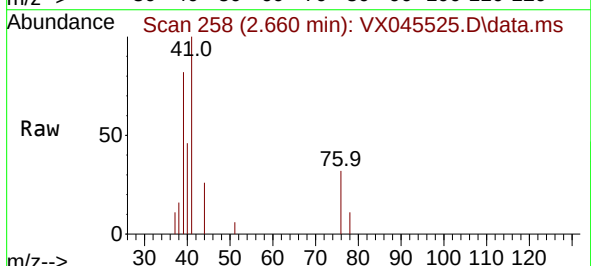
Manual Integrations
APPROVED

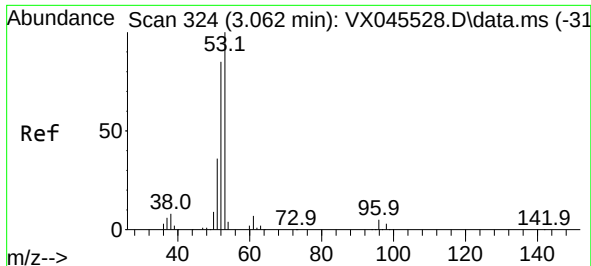
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#14
Allyl chloride
Concen: 0.959 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

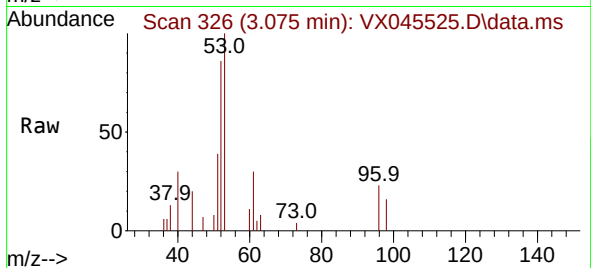
Tgt Ion: 41 Resp: 2113
Ion Ratio Lower Upper
41 100
39 82.6 60.2 90.2
76 28.3 24.6 36.8





#15
Acrylonitrile
Concen: 4.592 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

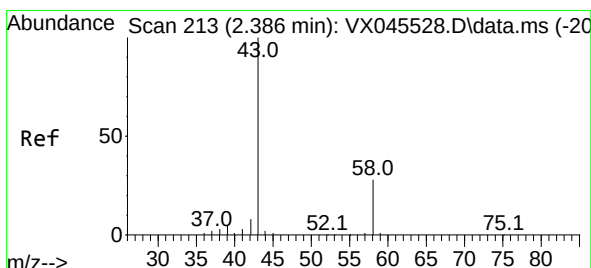
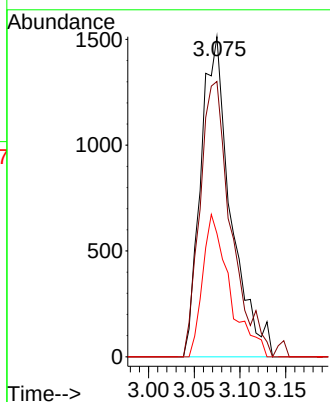
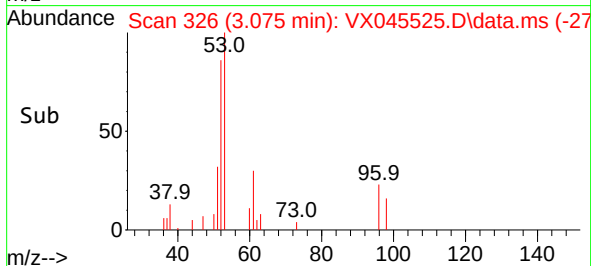
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



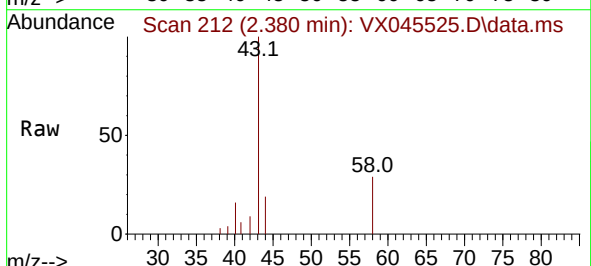
Tgt Ion: 53 Resp: 344
Ion Ratio Lower Upper
53 100
52 89.4 67.4 101.2
51 40.1 29.9 44.9

Manual Integrations
APPROVED

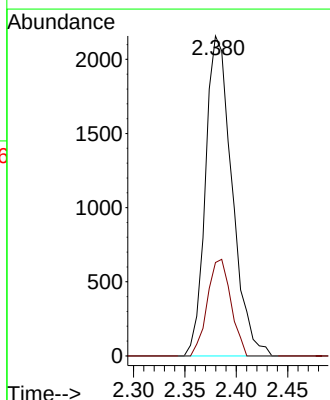
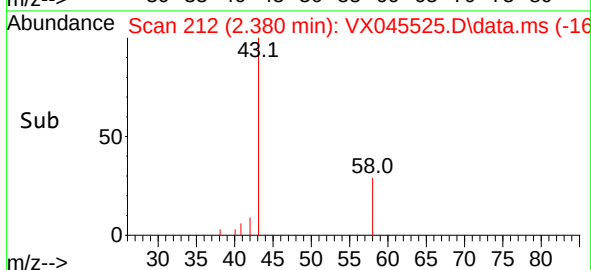
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

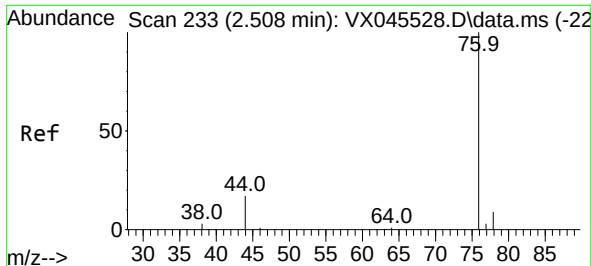


#16
Acetone
Concen: 5.323 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



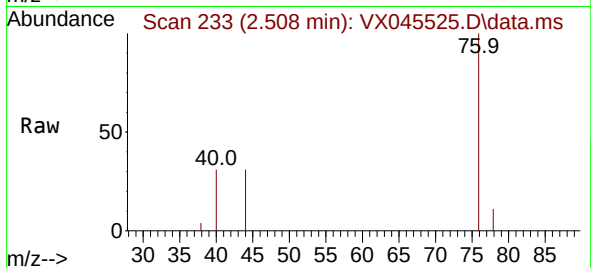
Tgt Ion: 43 Resp: 3867
Ion Ratio Lower Upper
43 100
58 29.2 22.3 33.5





#17
Carbon Disulfide
Concen: 0.899 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

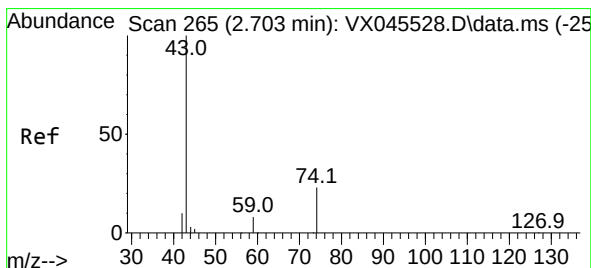
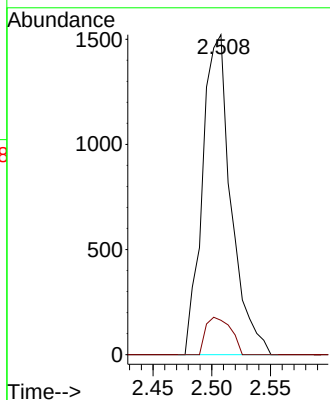
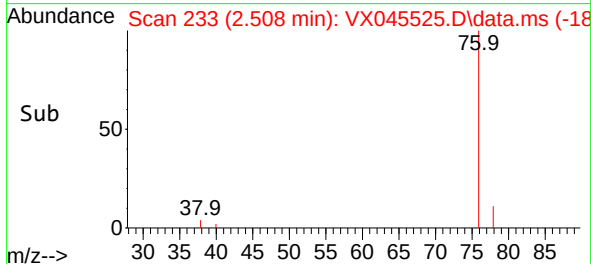
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



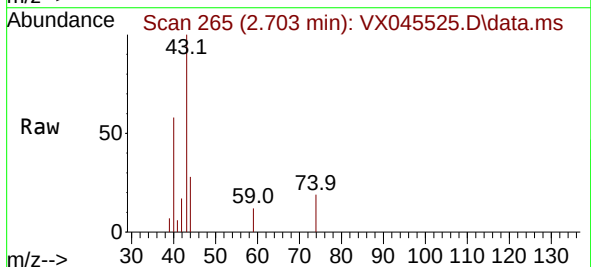
Tgt Ion: 76 Resp: 2580
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6

Manual Integrations
APPROVED

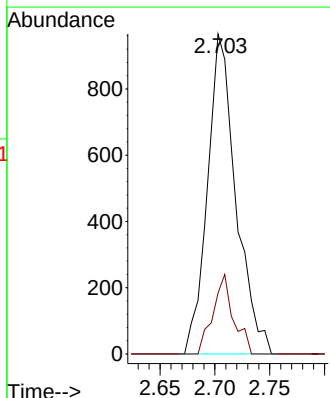
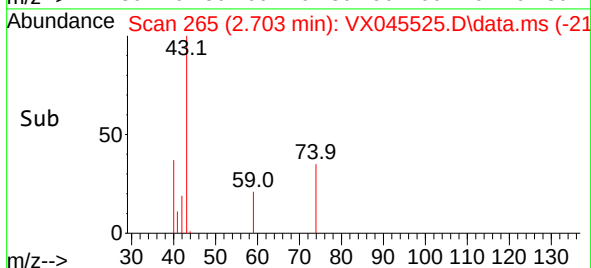
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

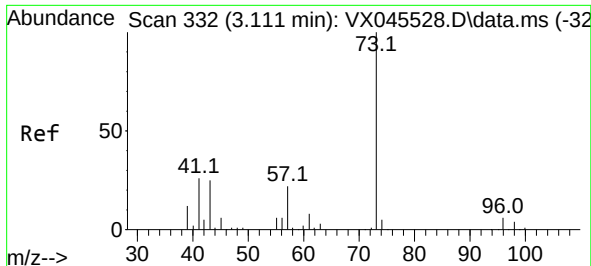


#18
Methyl Acetate
Concen: 1.043 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



Tgt Ion: 43 Resp: 1744
Ion Ratio Lower Upper
43 100
74 17.8 17.5 26.3





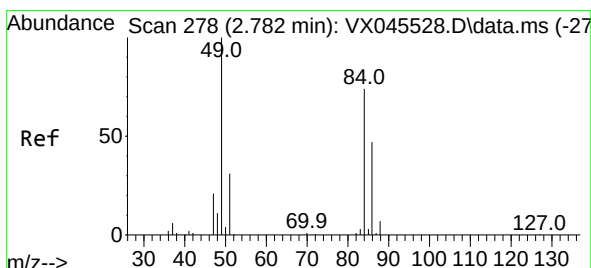
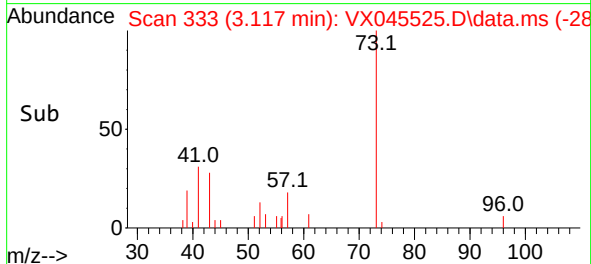
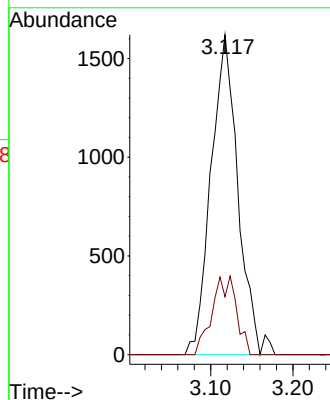
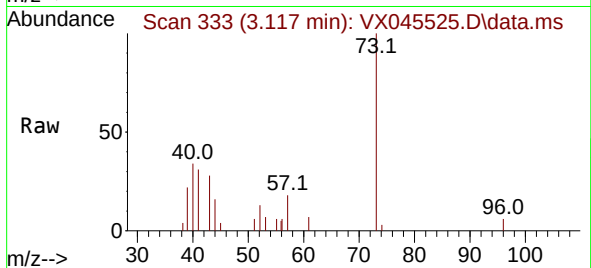
#19
Methyl tert-butyl Ether
Concen: 0.912 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 370
Ion Ratio Lower Upper
73 100
57 18.1 17.6 26.4

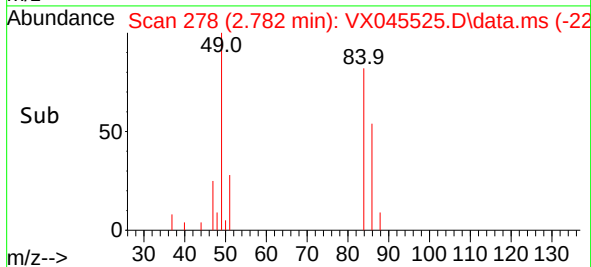
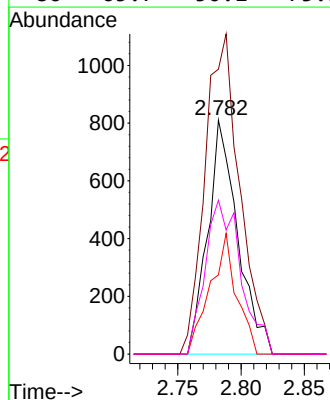
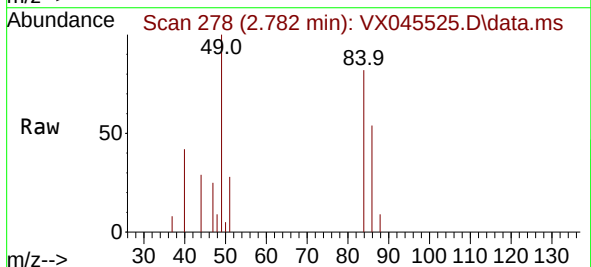
Manual Integrations
APPROVED

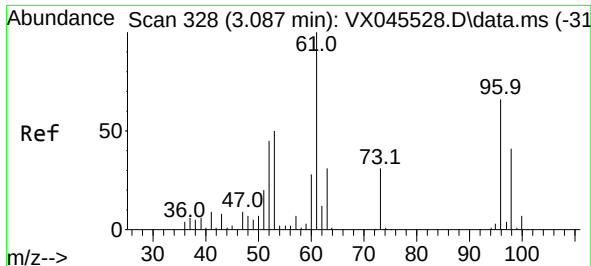
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#20
Methylene Chloride
Concen: 0.984 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

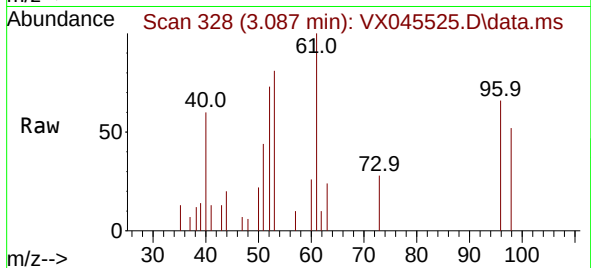
Tgt Ion: 84 Resp: 1338
Ion Ratio Lower Upper
84 100
49 121.7 107.5 161.3
51 33.8 33.0 49.6
86 65.7 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 0.936 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

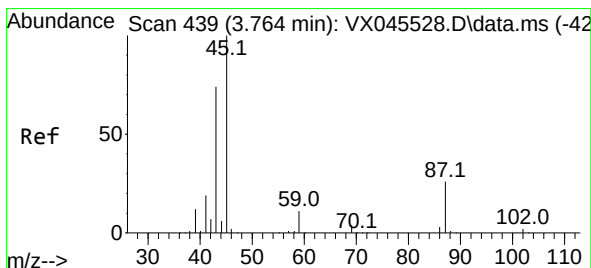
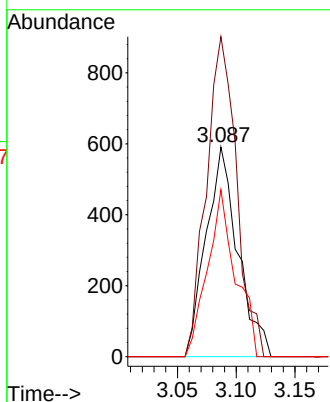
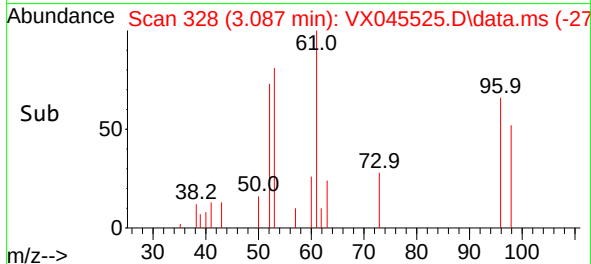
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



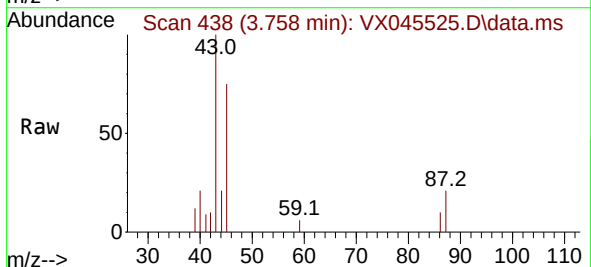
Tgt Ion: 96 Resp: 111
Ion Ratio Lower Upper
96 100
61 152.6 121.0 181.6
98 79.7 49.7 74.5

Manual Integrations
APPROVED

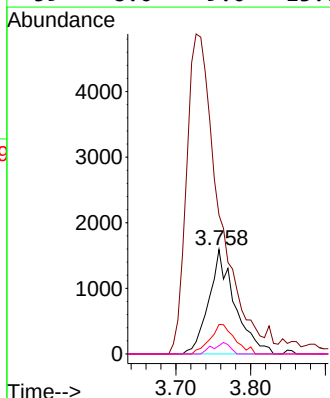
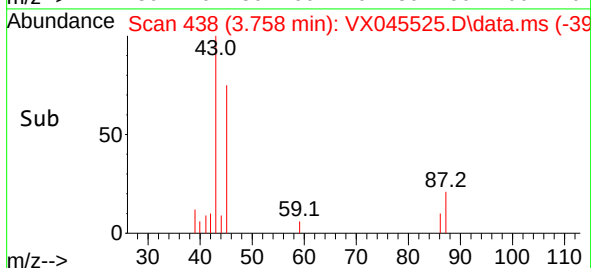
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

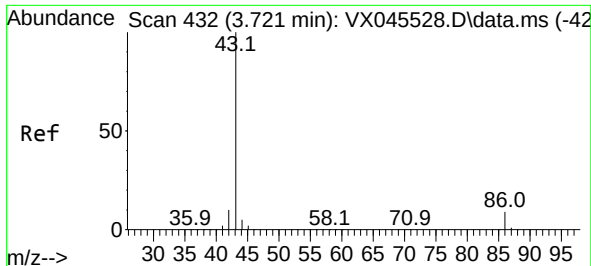


#22
Diisopropyl ether
Concen: 0.893 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



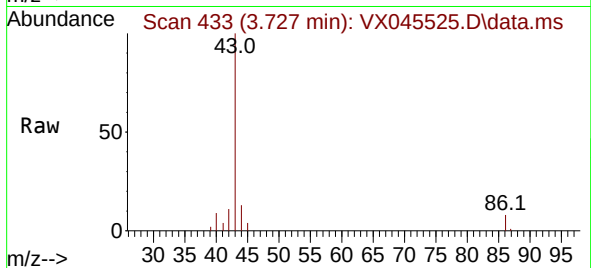
Tgt Ion: 45 Resp: 3875
Ion Ratio Lower Upper
45 100
43 123.5 59.3 88.9#
87 28.2 20.4 30.6
59 8.0 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 3.979 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX045525.D
 Acq: 01 Apr 2025 17:06

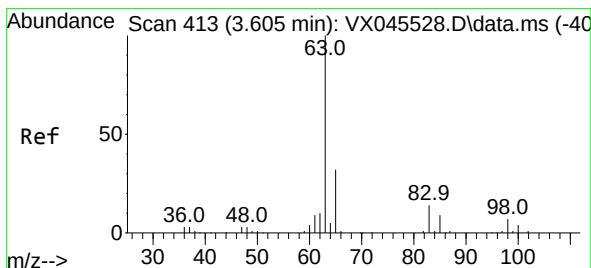
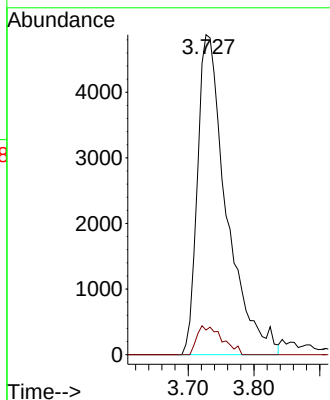
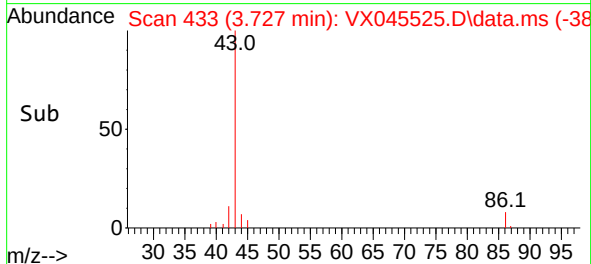
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001



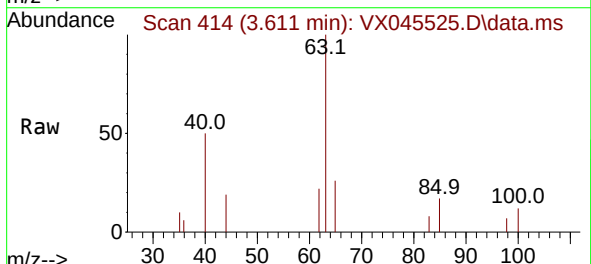
Tgt Ion: 43 Resp: 1492
 Ion Ratio Lower Upper
 43 100
 86 7.7 7.5 11.3

Manual Integrations
 APPROVED

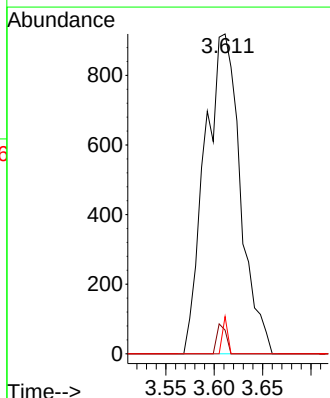
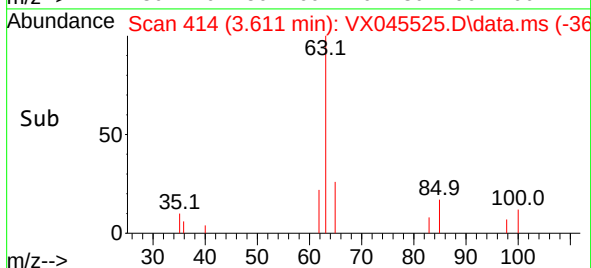
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

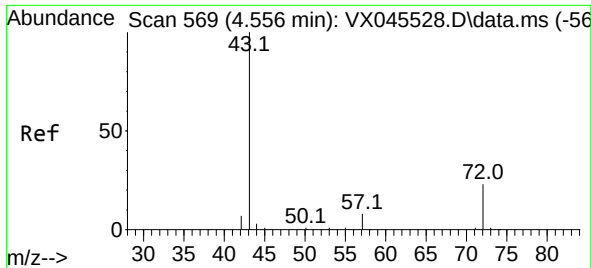


#24
 1,1-Dichloroethane
 Concen: 0.954 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX045525.D
 Acq: 01 Apr 2025 17:06



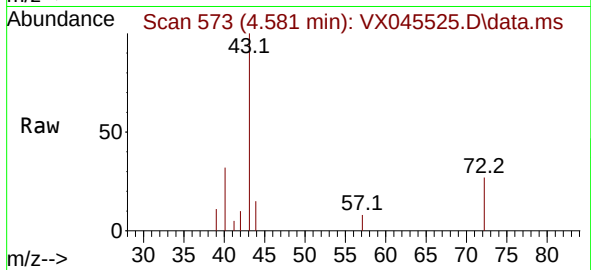
Tgt Ion: 63 Resp: 2343
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.1
 100 11.6 2.2 6.6#





#25
2-Butanone
Concen: 4.317 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

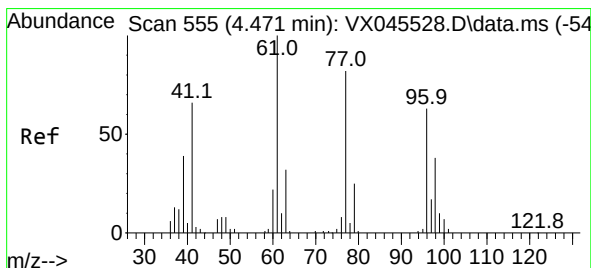
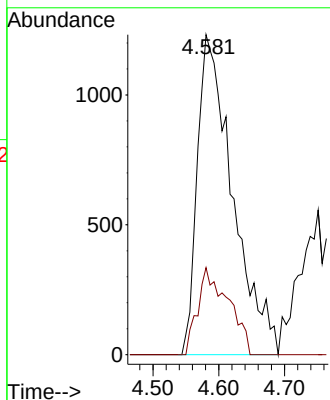
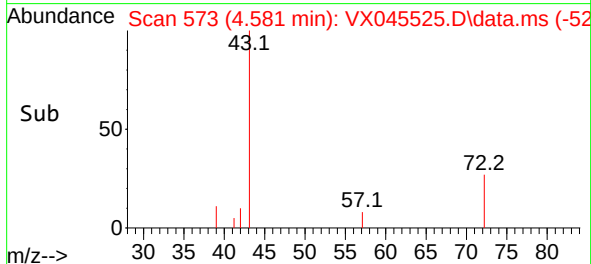
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 4590
Ion Ratio Lower Upper
43 100
72 27.2 18.6 28.0

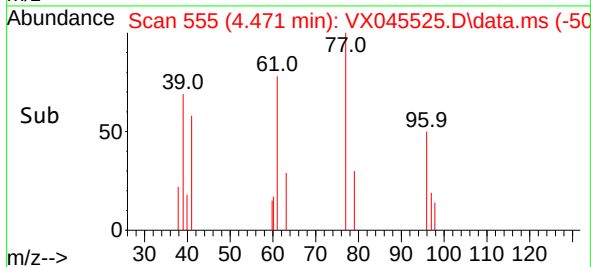
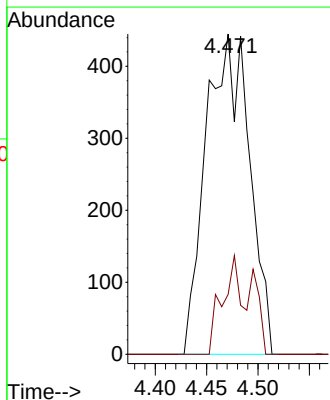
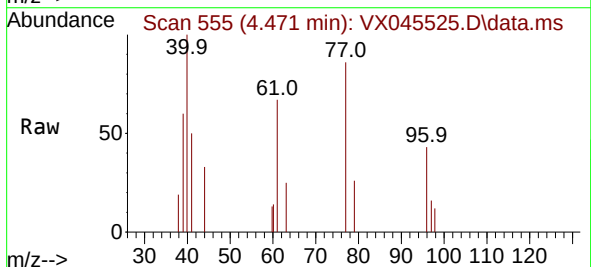
Manual Integrations
APPROVED

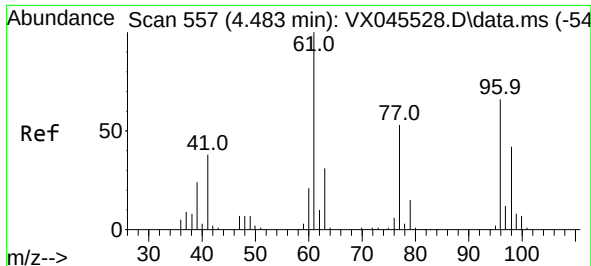
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 0.824 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 77 Resp: 1307
Ion Ratio Lower Upper
77 100
97 13.9 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 1.020 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 147

Ion Ratio Lower Upper

96 100

61 127.7 0.0 313.2

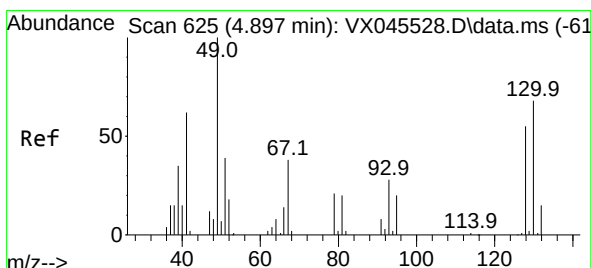
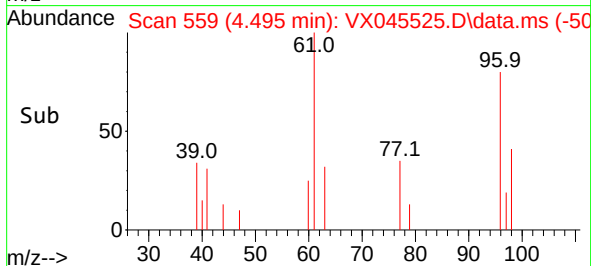
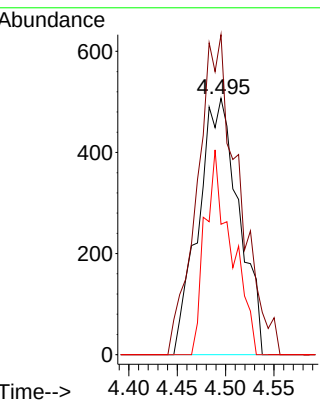
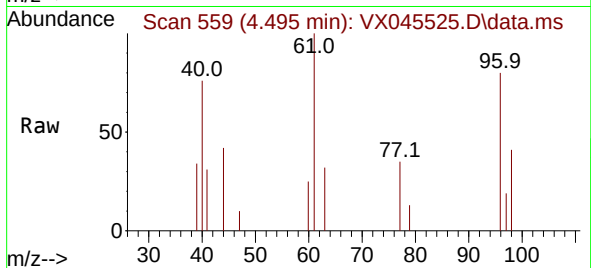
98 52.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 1.094 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

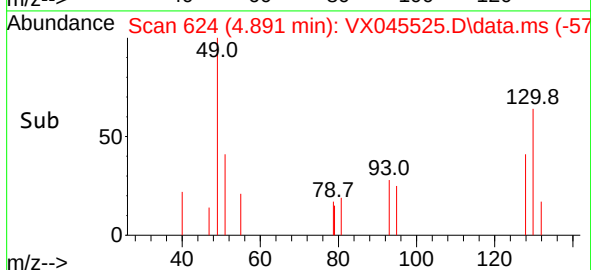
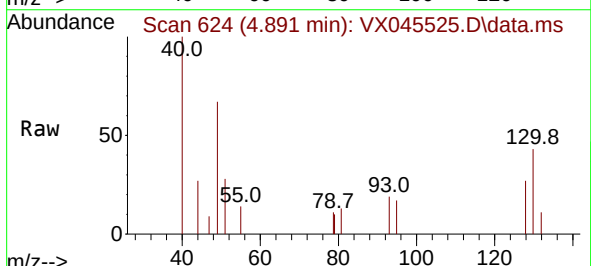
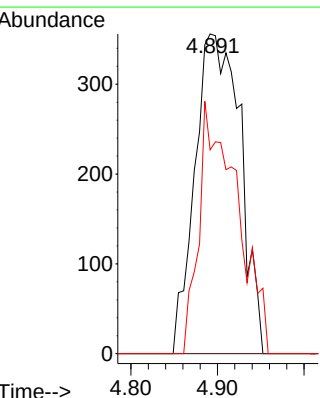
Tgt Ion: 49 Resp: 1298

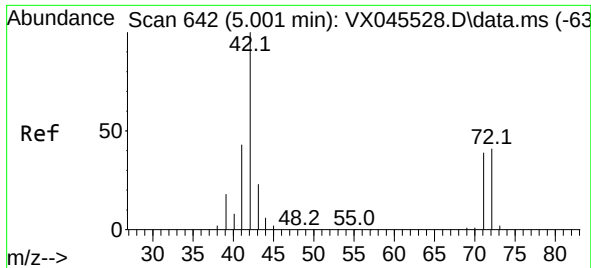
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 66.0 54.6 81.8





#29

Tetrahydrofuran

Concen: 4.752 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 42 Resp: 3270

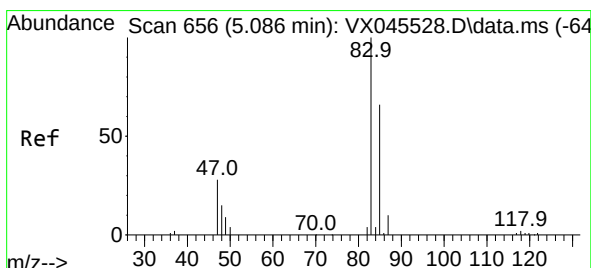
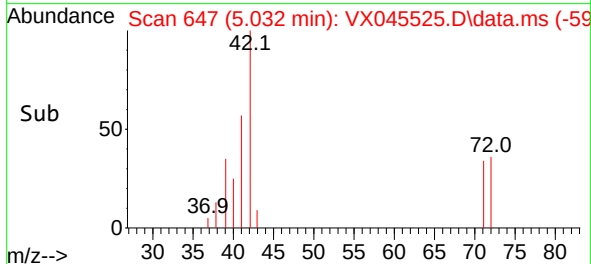
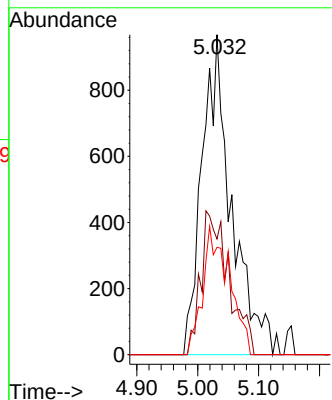
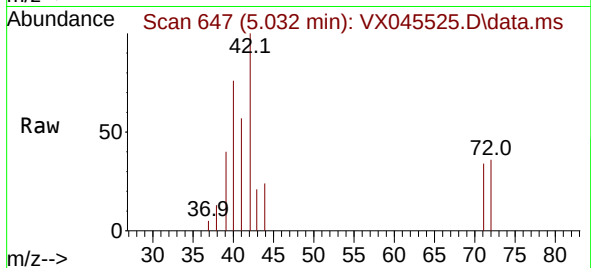
Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.4	50.0
71	36.0	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#30

Chloroform

Concen: 0.953 ug/l

RT: 5.093 min Scan# 657

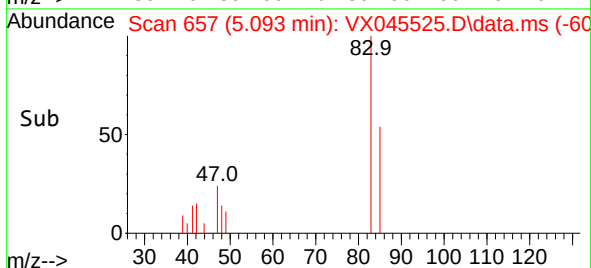
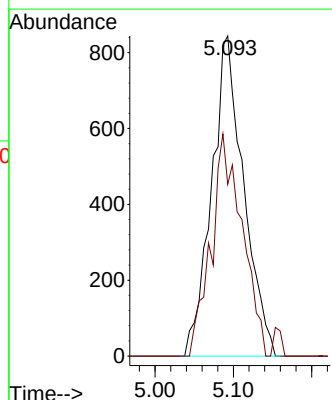
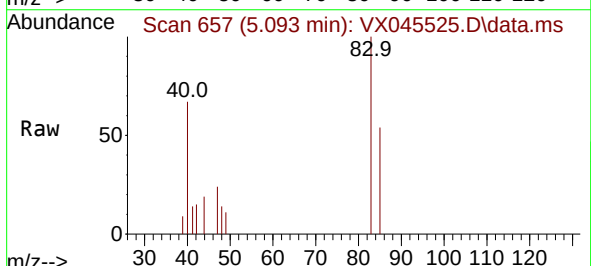
Delta R.T. 0.006 min

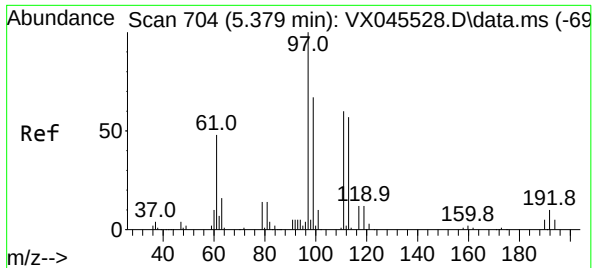
Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion: 83 Resp: 2406

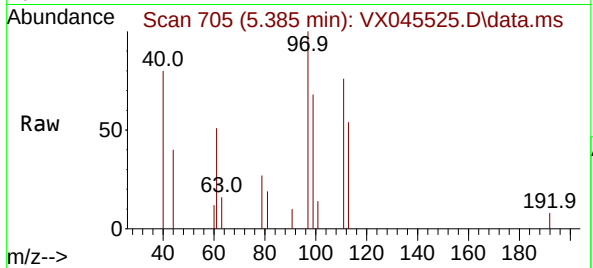
Ion	Ratio	Lower	Upper
83	100		
85	53.7	52.8	79.2





#32
 1,1,1-Trichloroethane
 Concen: 0.931 ug/l
 RT: 5.385 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VX045525.D
 Acq: 01 Apr 2025 17:06

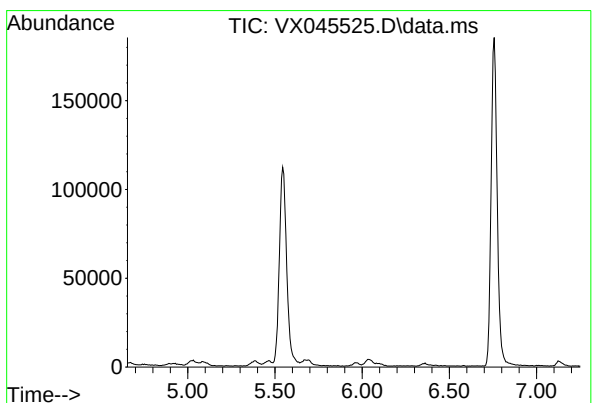
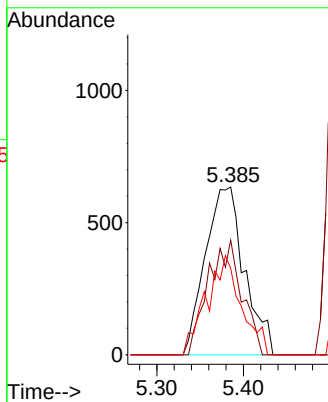
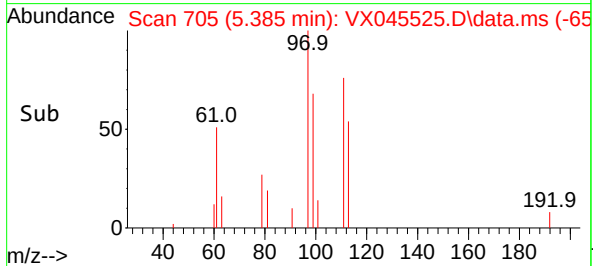
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



Tgt Ion: 97 Resp: 1989
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.7 77.5
 61 52.8 41.0 61.4

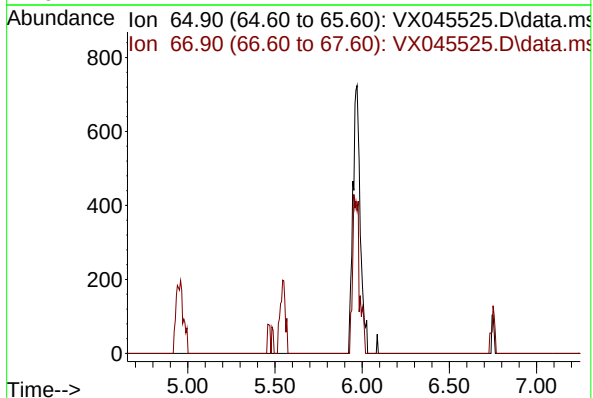
Manual Integrations
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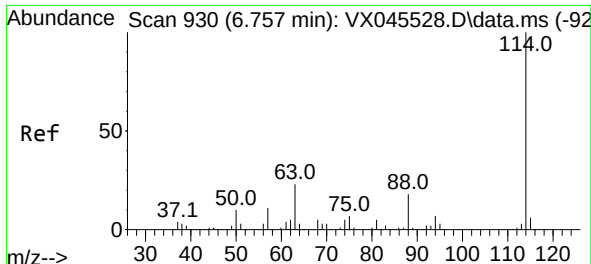
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 5.95 min
 Lab File: VX045525.D
 Acq: 01 Apr 2025 17:06

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 49.5





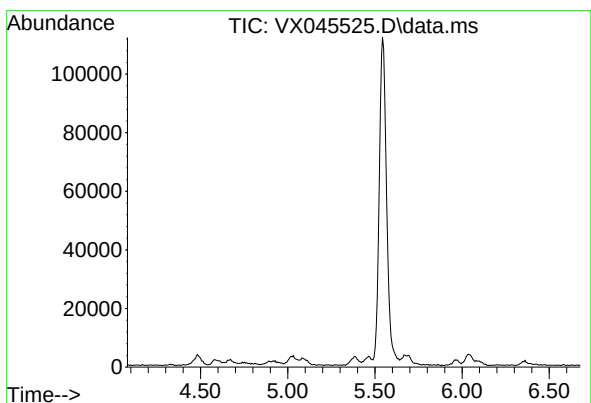
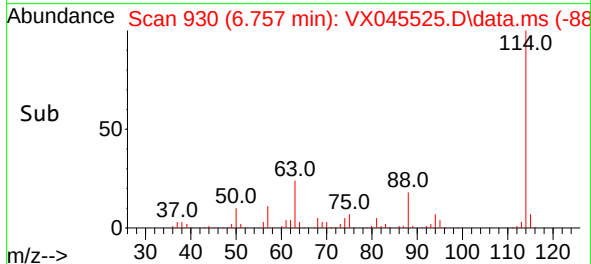
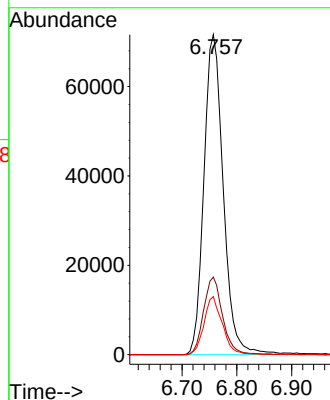
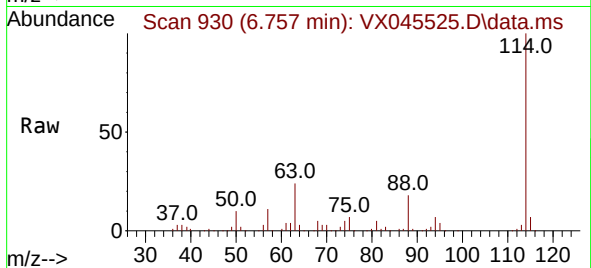
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:114 Resp: 17526
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 18.1 0.0 35.4

Manual Integrations
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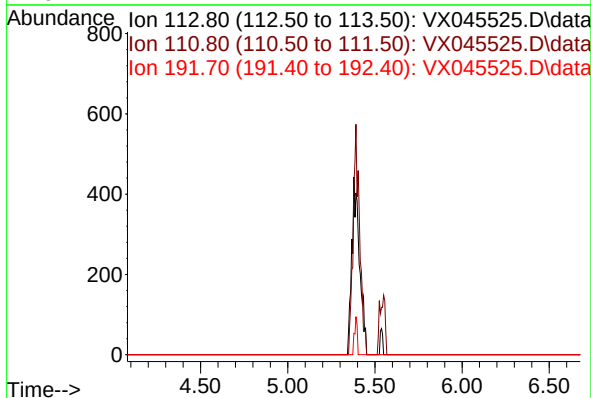
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

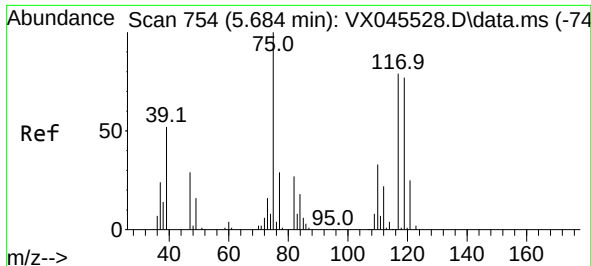


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.38 min

Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.2
192 17.2





#36

1,1-Dichloropropene

Concen: 0.995 ug/l

RT: 5.696 min Scan# 71

Delta R.T. 0.012 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

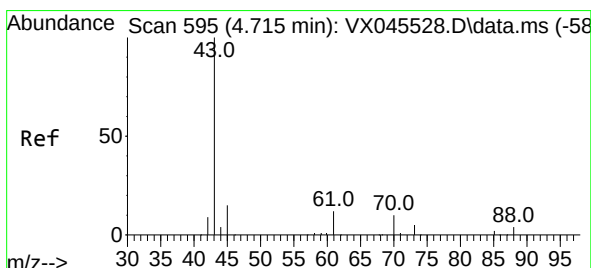
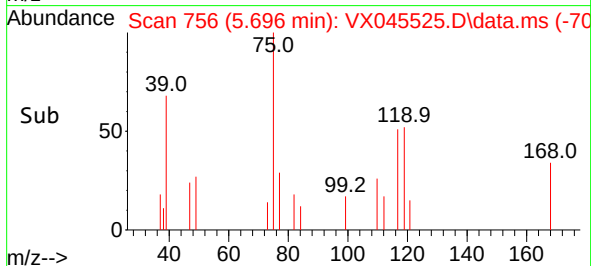
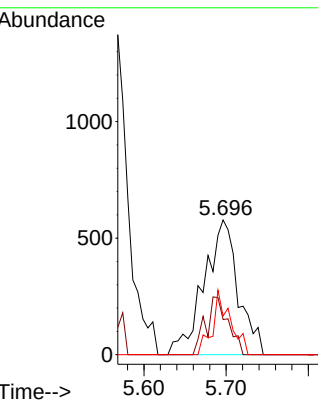
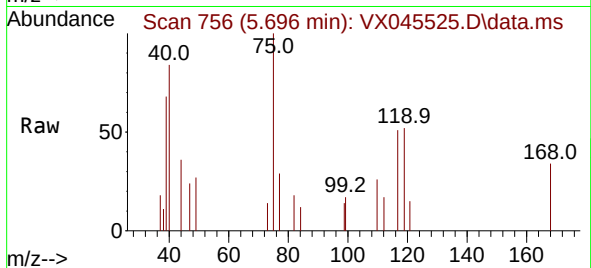
Tgt Ion:	75	Resp:	167
Ion	Ratio	Lower	Upper
75	100		
110	27.6	16.9	50.6
77	25.0	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#37

Ethyl Acetate

Concen: 0.964 ug/l

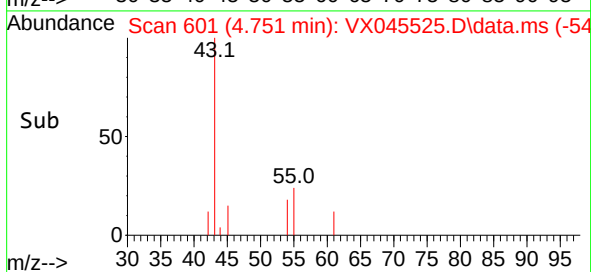
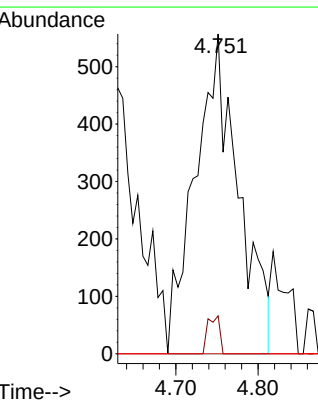
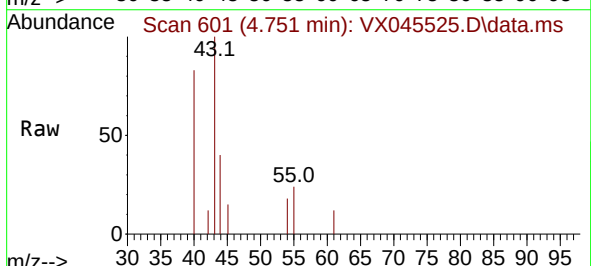
RT: 4.751 min Scan# 601

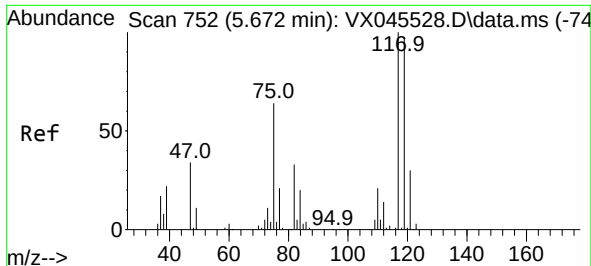
Delta R.T. 0.037 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

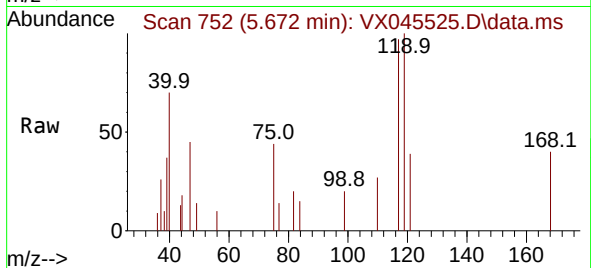
Tgt Ion:	43	Resp:	2040
Ion	Ratio	Lower	Upper
43	100		
61	3.3	9.9	14.9#
70	0.0	7.5	11.3#





#38
Carbon Tetrachloride
Concen: 0.870 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

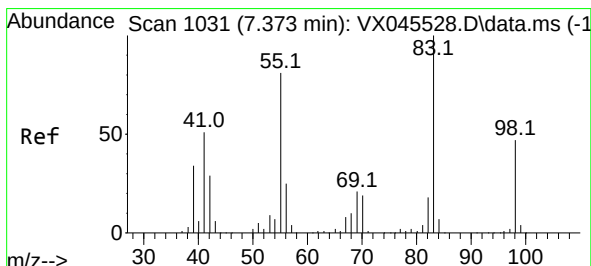
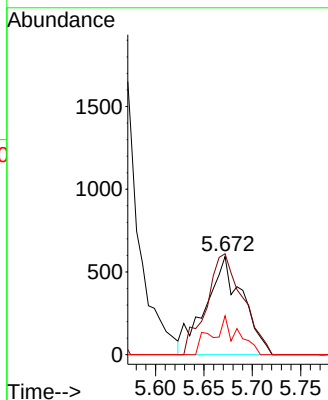
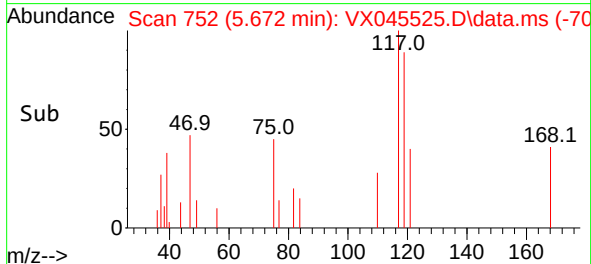
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 1578
Ion Ratio Lower Upper
117 100
119 102.7 76.9 115.3
121 39.6 24.2 36.2

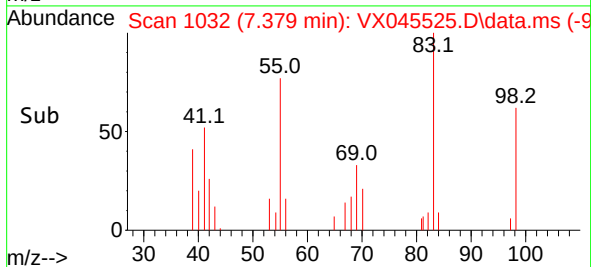
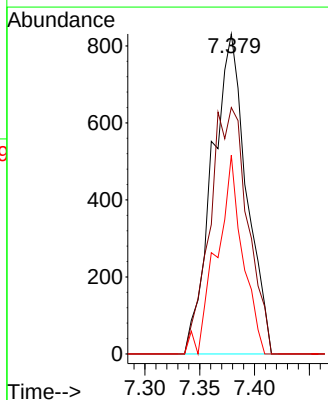
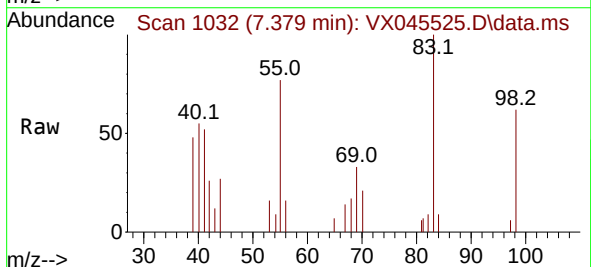
Manual Integrations
APPROVED

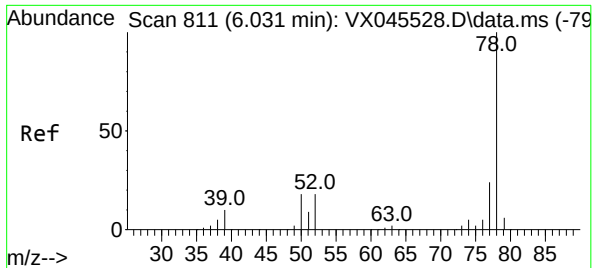
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#39
Methylcyclohexane
Concen: 0.883 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

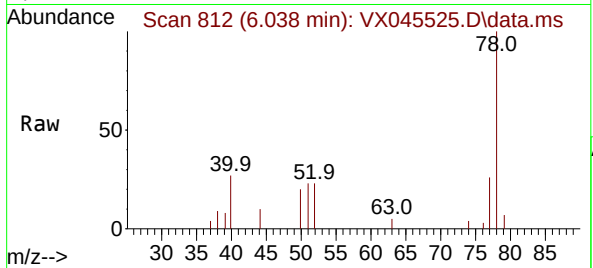
Tgt Ion: 83 Resp: 1818
Ion Ratio Lower Upper
83 100
55 77.0 64.9 97.3
98 62.1 37.4 56.0





#40
Benzene
Concen: 0.967 ug/l
RT: 6.038 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

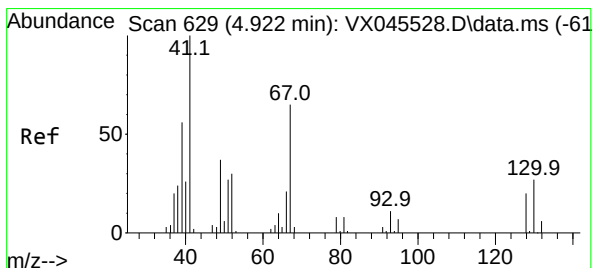
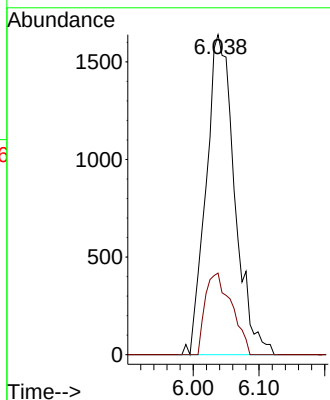
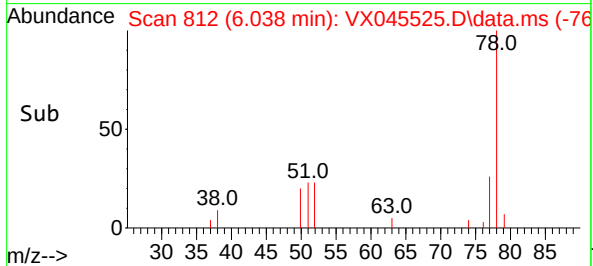
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 78 Resp: 495
Ion Ratio Lower Upper
78 100
77 25.5 19.0 28.6

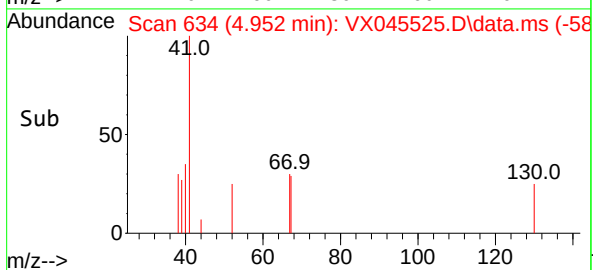
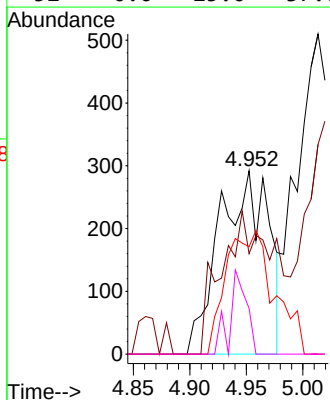
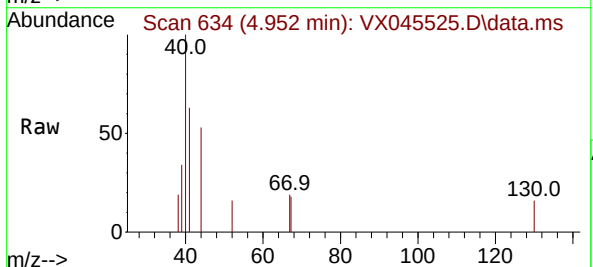
Manual Integrations
APPROVED

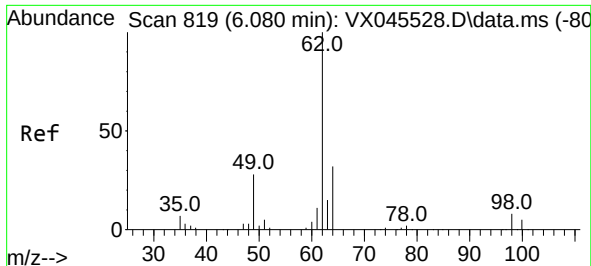
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#41
Methacrylonitrile
Concen: 0.784 ug/l m
RT: 4.952 min Scan# 634
Delta R.T. 0.031 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 41 Resp: 883
Ion Ratio Lower Upper
41 100
39 0.0 47.0 70.6#
67 0.0 53.2 79.8#
52 0.0 25.0 37.6#





#42

1,2-Dichloroethane

Concen: 0.882 ug/l

RT: 6.092 min Scan# 819

Delta R.T. 0.012 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 186

Ion Ratio Lower Upper

62 100

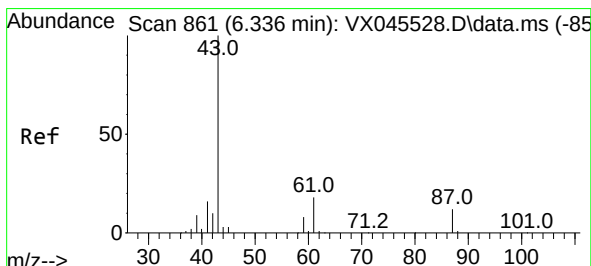
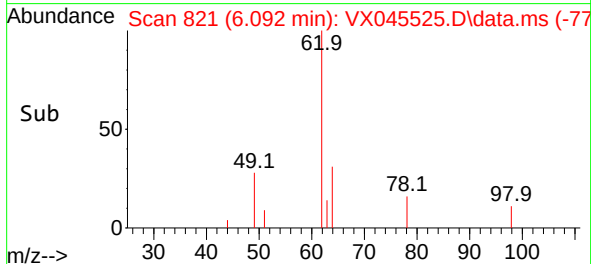
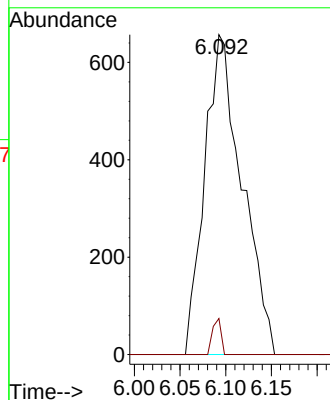
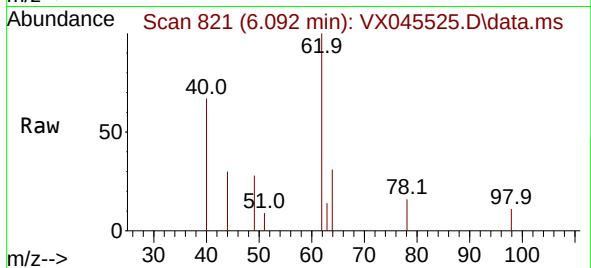
98 2.6 0.0 15.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#43

Isopropyl Acetate

Concen: 0.804 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.025 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

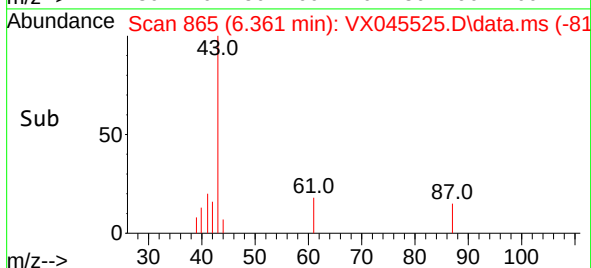
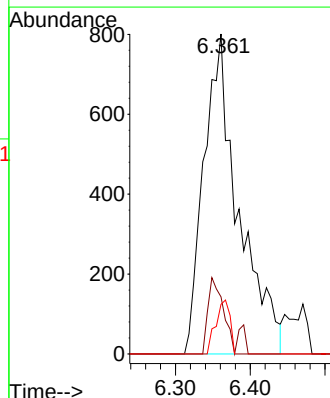
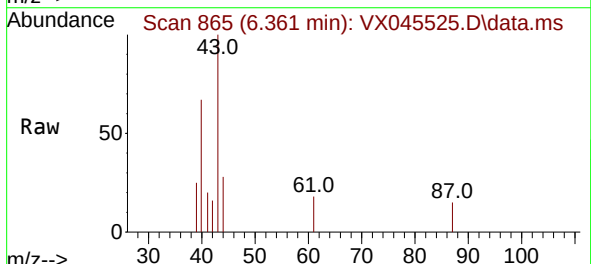
Tgt Ion: 43 Resp: 2578

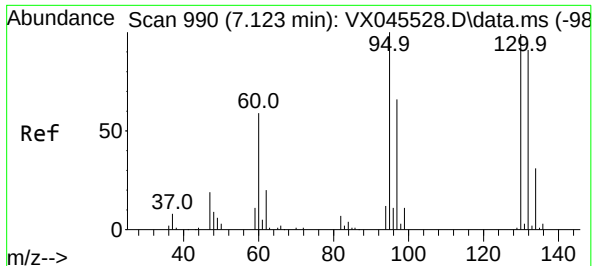
Ion Ratio Lower Upper

43 100

61 10.6 14.1 21.1#

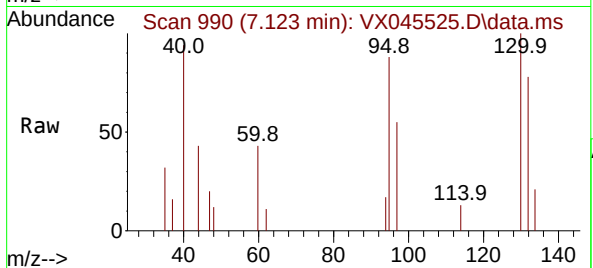
87 6.9 9.2 13.8#





#44
Trichloroethene
Concen: 1.004 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

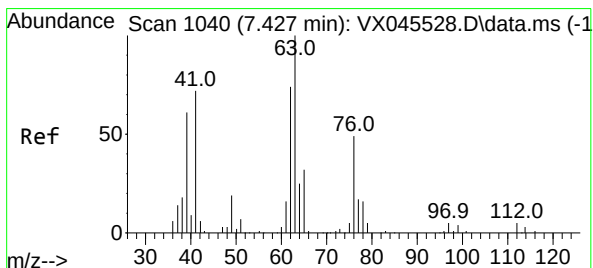
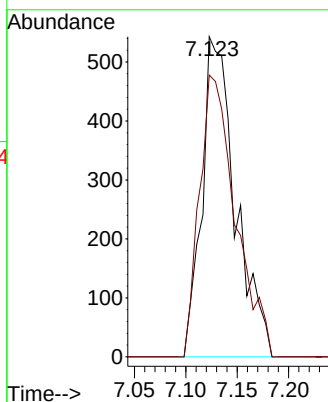
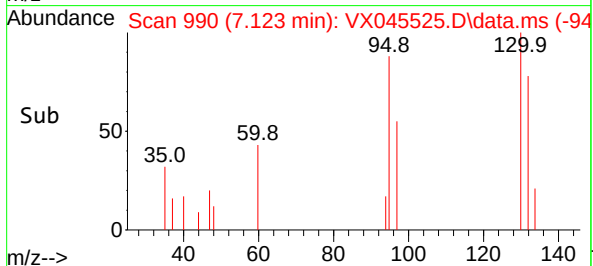
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



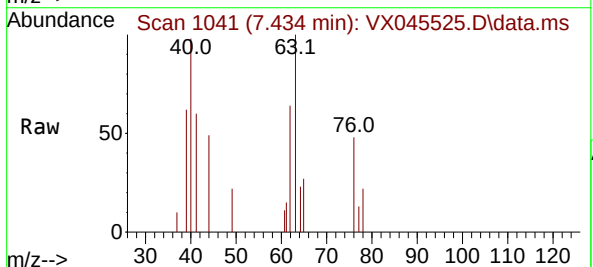
Tgt Ion:130 Resp: 1224
Ion Ratio Lower Upper
130 100
95 88.0 0.0 202.0

Manual Integrations
APPROVED

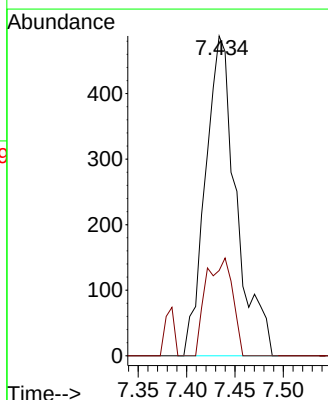
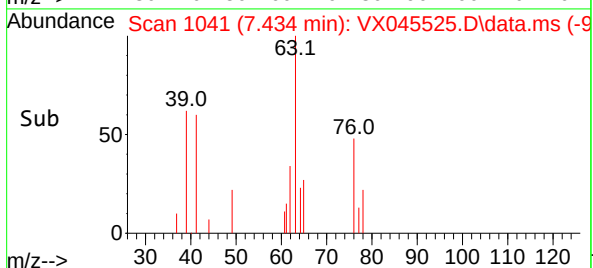
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

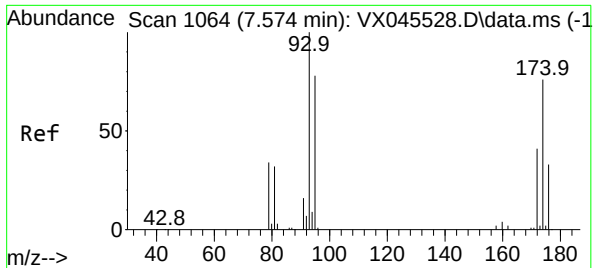


#45
1,2-Dichloropropane
Concen: 0.846 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



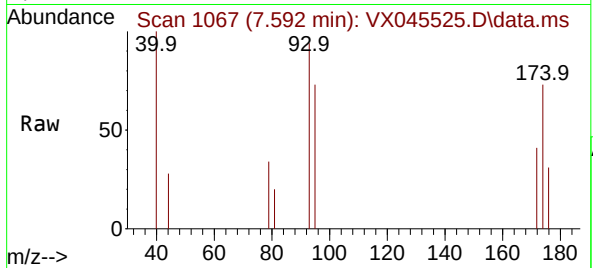
Tgt Ion: 63 Resp: 1082
Ion Ratio Lower Upper
63 100
65 26.6 25.8 38.6





#46
Dibromomethane
Concen: 0.846 ug/l
RT: 7.592 min Scan# 1105
Delta R.T. 0.018 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

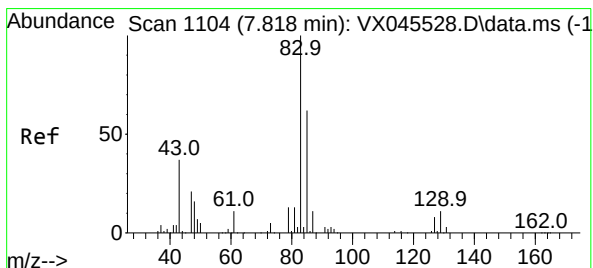
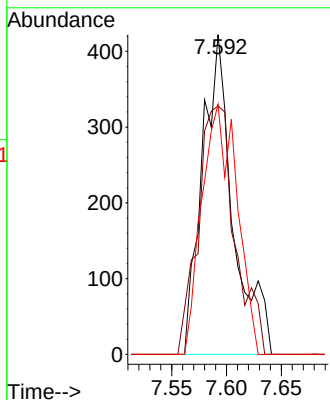
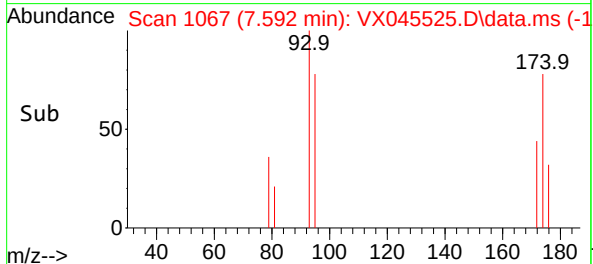
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 93 Resp: 83
Ion Ratio Lower Upper
93 100
95 92.2 64.8 97.2
174 88.4 65.4 98.0

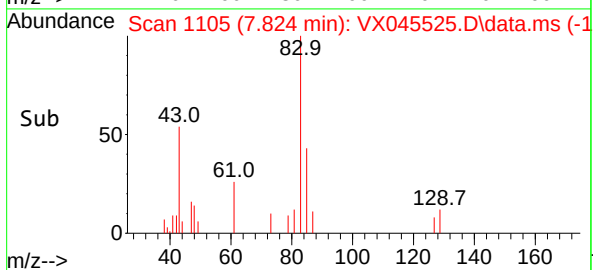
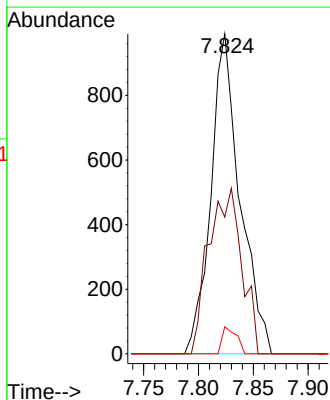
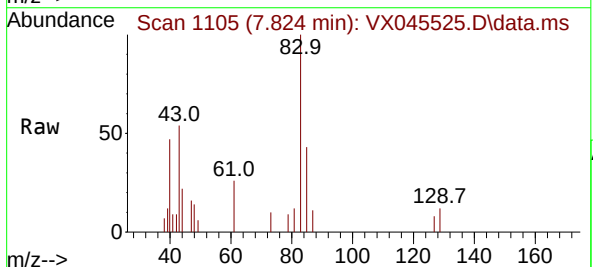
Manual Integrations
APPROVED

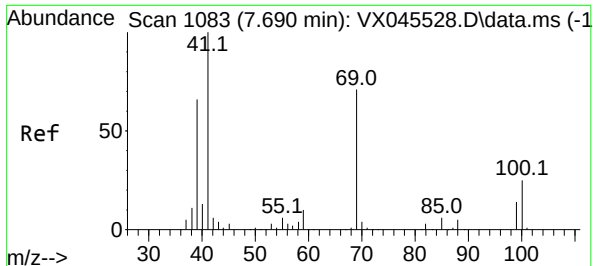
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#47
Bromodichloromethane
Concen: 0.931 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

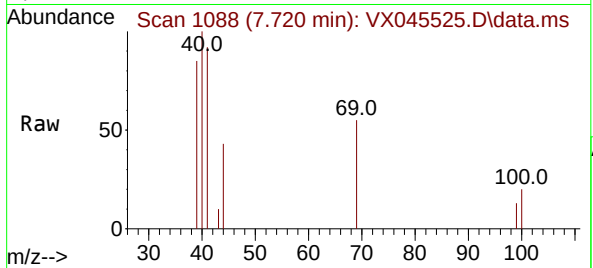
Tgt Ion: 83 Resp: 1827
Ion Ratio Lower Upper
83 100
85 42.7 49.7 74.5#
127 8.5 6.1 9.1





#48
Methyl methacrylate
Concen: 0.857 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.031 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

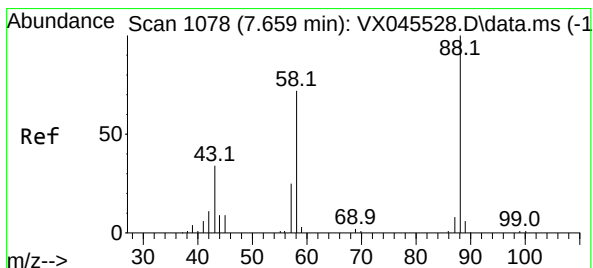
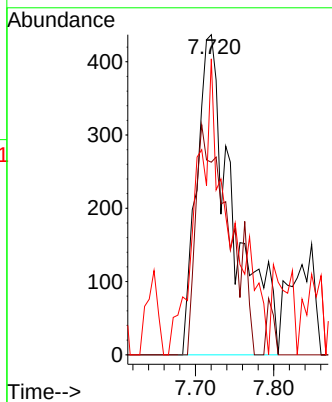
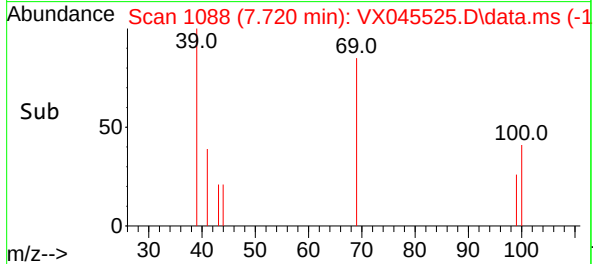
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



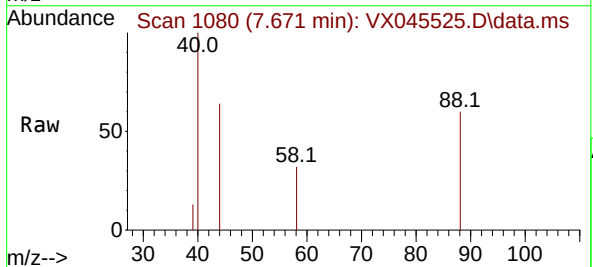
Tgt Ion: 41 Resp: 1419
Ion Ratio Lower Upper
41 100
69 64.7 58.2 87.2
39 72.7 53.6 80.4

Manual Integrations
APPROVED

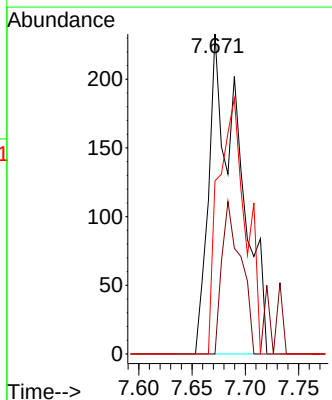
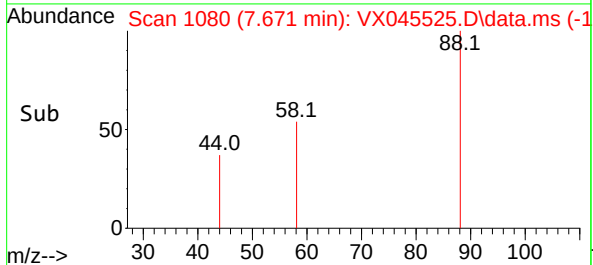
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

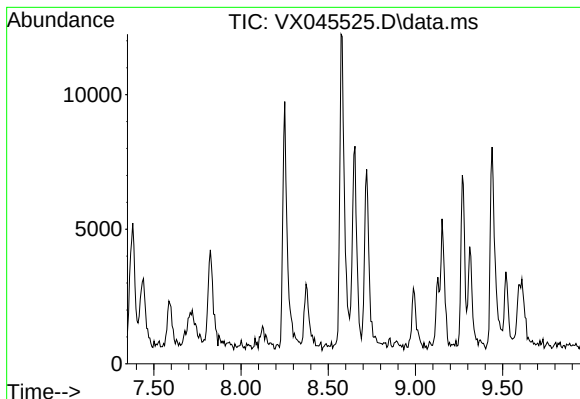


#49
1,4-Dioxane
Concen: 15.288 ug/l m
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



Tgt Ion: 88 Resp: 458
Ion Ratio Lower Upper
88 100
43 30.3 32.2 48.4#
58 72.3 58.6 88.0





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

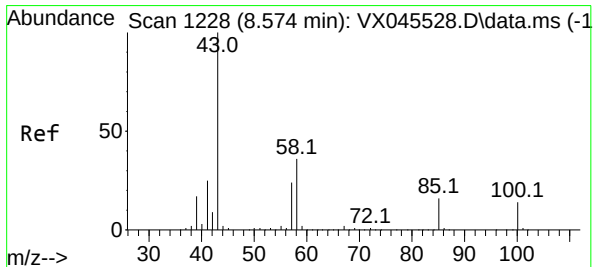
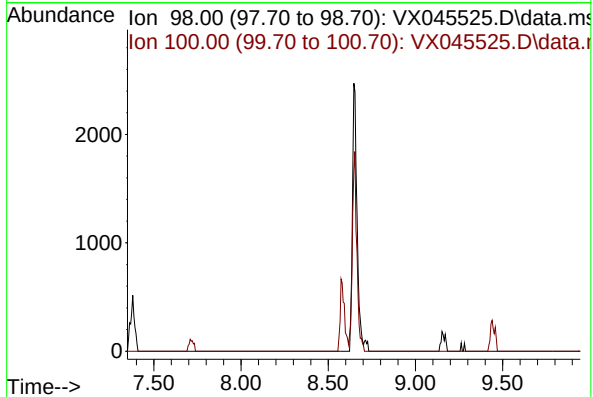
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.3

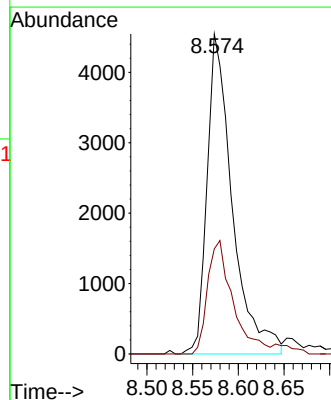
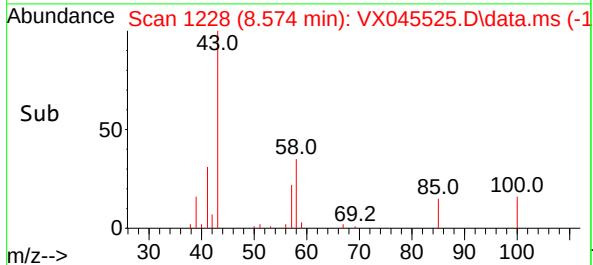
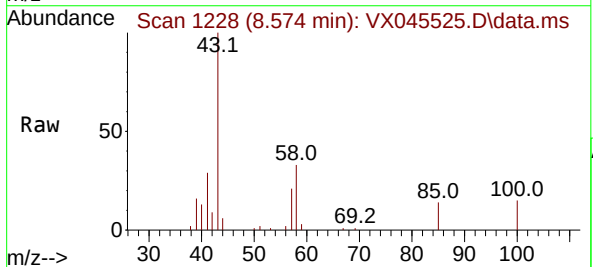
Manual Integrations
APPROVED

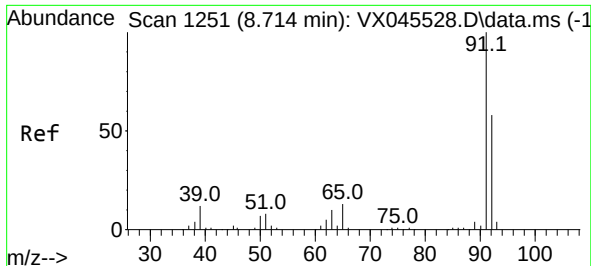
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#51
4-Methyl-2-Pentanone
Concen: 4.114 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

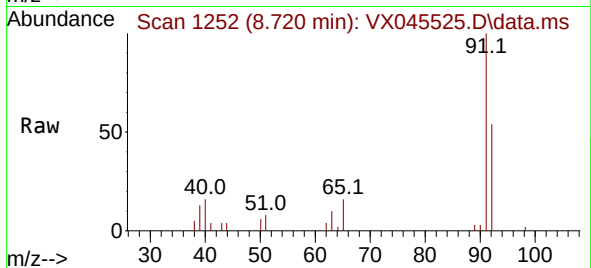
Tgt Ion: 43 Resp: 8746
Ion Ratio Lower Upper
43 100
58 35.5 28.5 42.7





#52
Toluene
Concen: 0.923 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

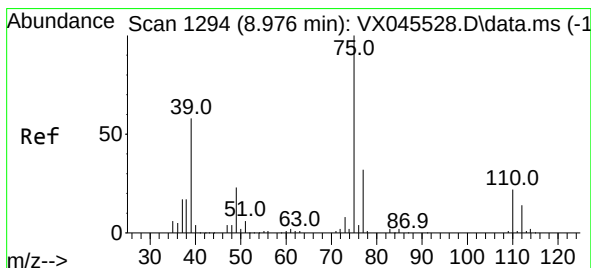
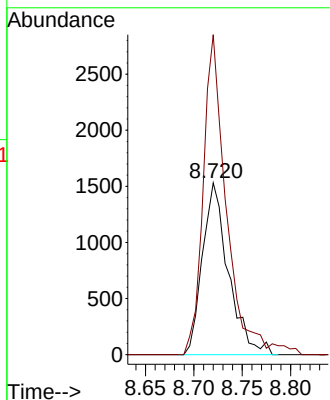
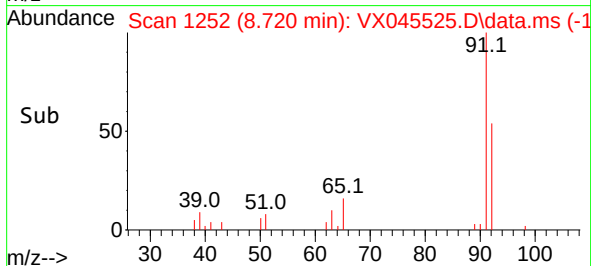
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



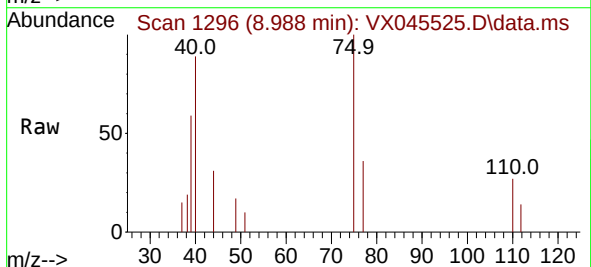
Tgt Ion: 92 Resp: 286
Ion Ratio Lower Upper
92 100
91 167.2 138.7 208.1

Manual Integrations
APPROVED

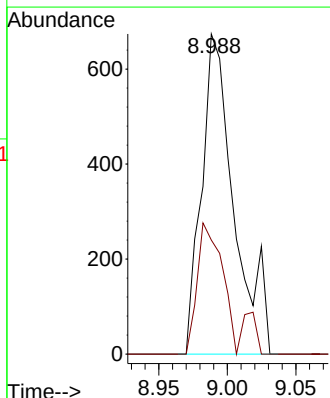
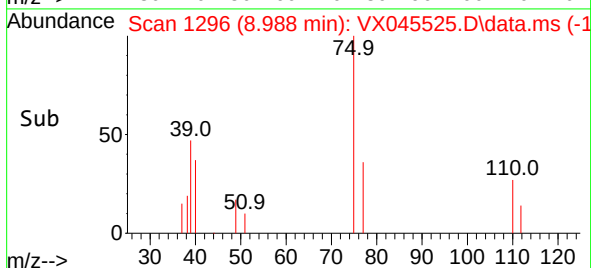
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

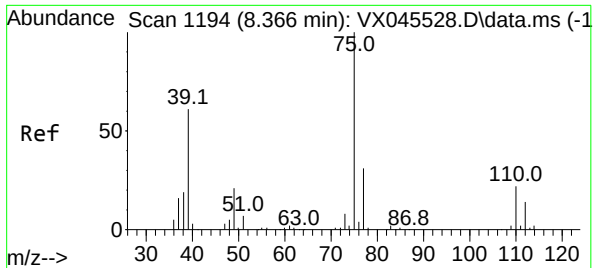


#53
t-1,3-Dichloropropene
Concen: 2.850 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



Tgt Ion: 75 Resp: 1109
Ion Ratio Lower Upper
75 100
77 35.6 25.4 38.0





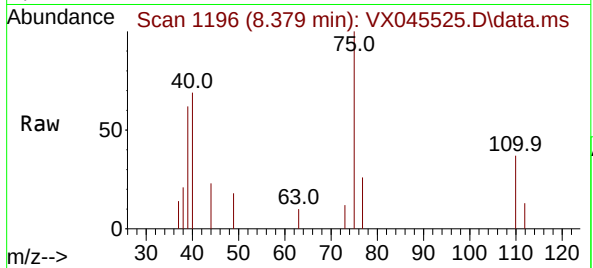
#54
 cis-1,3-Dichloropropene
 Concen: 0.705 ug/l
 RT: 8.379 min Scan# 1194
 Delta R.T. 0.013 min
 Lab File: VX045525.D
 Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001



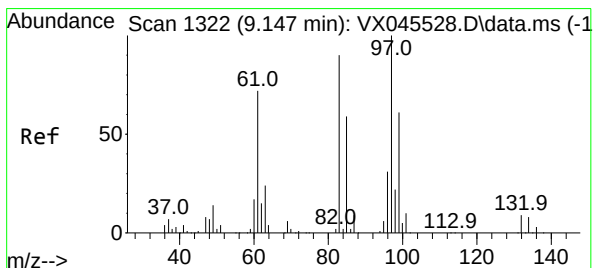
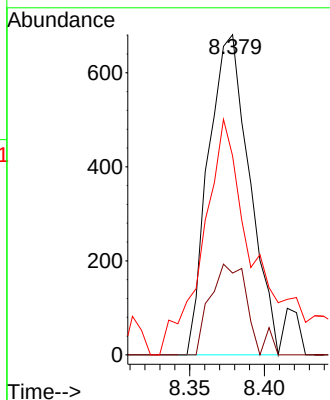
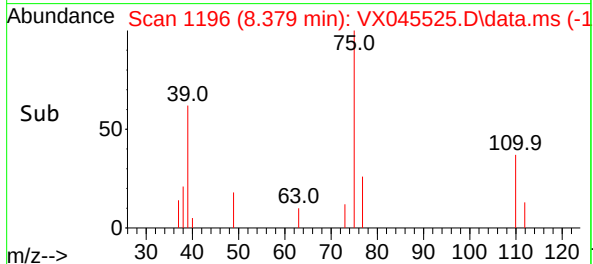
Tgt Ion: 75 Resp: 1300
 Ion Ratio Lower Upper
 75 100
 77 25.6 24.6 36.8
 39 52.4 48.4 72.6

Manual Integrations

APPROVED

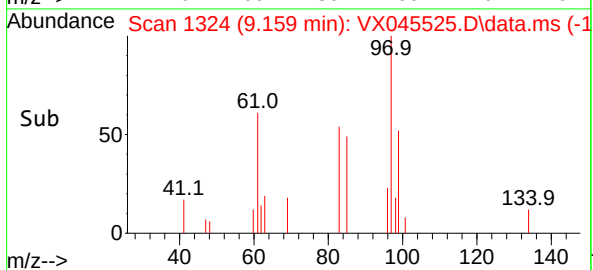
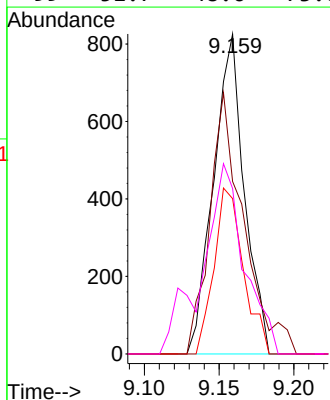
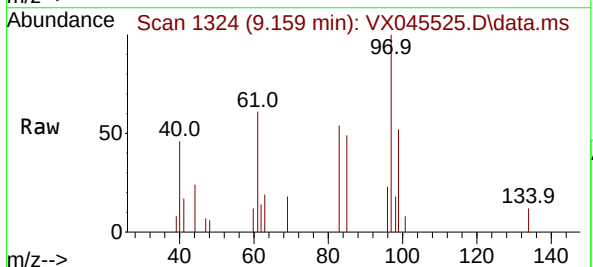
Reviewed By :Amit Patel 04/02/2025

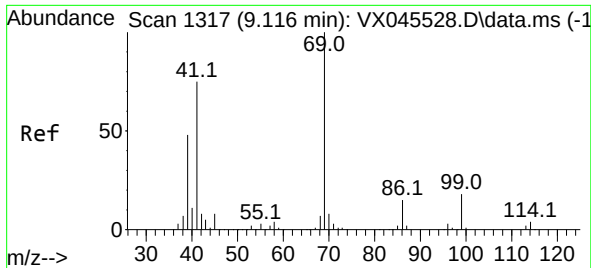
Supervised By :Mahesh Dadoda 04/02/2025



#55
 1,1,2-Trichloroethane
 Concen: 0.957 ug/l
 RT: 9.159 min Scan# 1324
 Delta R.T. 0.012 min
 Lab File: VX045525.D
 Acq: 01 Apr 2025 17:06

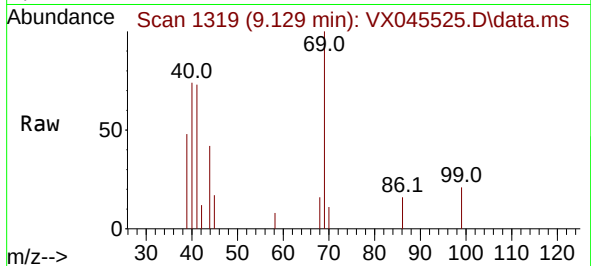
Tgt Ion: 97 Resp: 1183
 Ion Ratio Lower Upper
 97 100
 83 53.9 71.8 107.8#
 85 48.5 47.0 70.6
 99 51.7 48.6 73.0





#56
Ethyl methacrylate
Concen: 0.745 ug/l m
RT: 9.129 min Scan# 1317
Delta R.T. 0.013 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

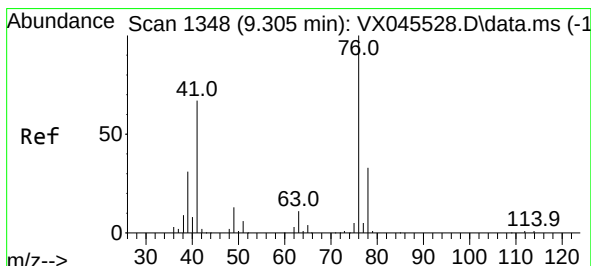
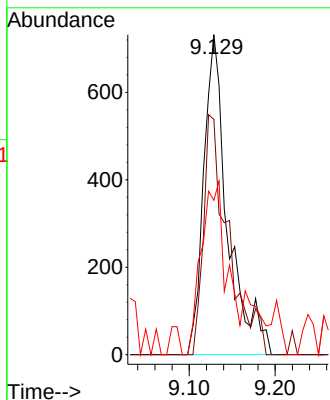
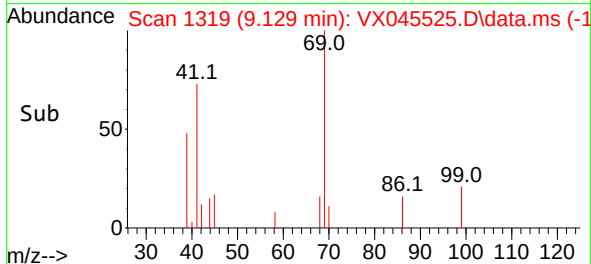
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



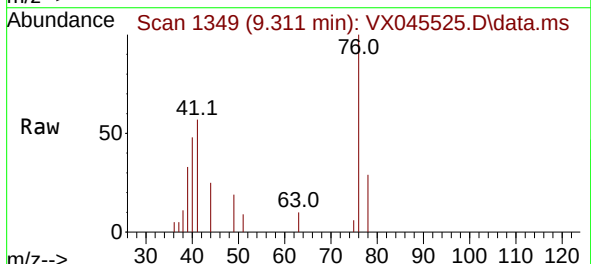
Tgt Ion: 69 Resp: 142
Ion Ratio Lower Upper
69 100
41 77.3 61.3 91.9
39 56.9 40.2 60.2

Manual Integrations
APPROVED

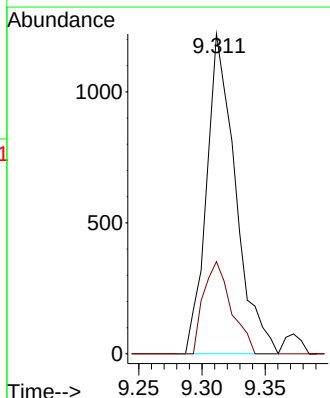
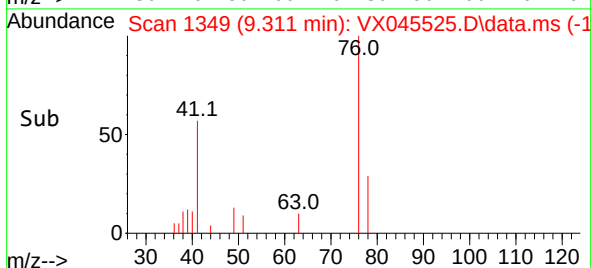
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

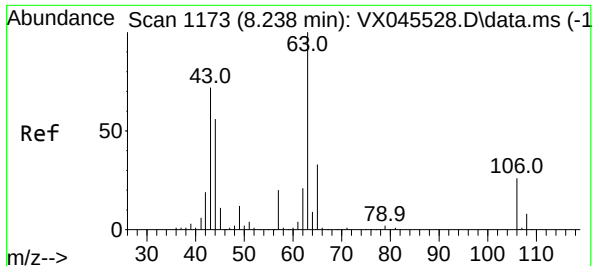


#57
1,3-Dichloropropane
Concen: 0.904 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



Tgt Ion: 76 Resp: 1946
Ion Ratio Lower Upper
76 100
78 27.5 26.0 39.0





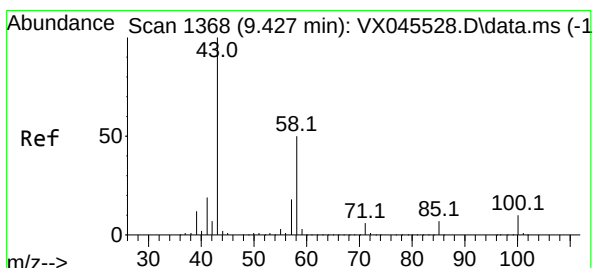
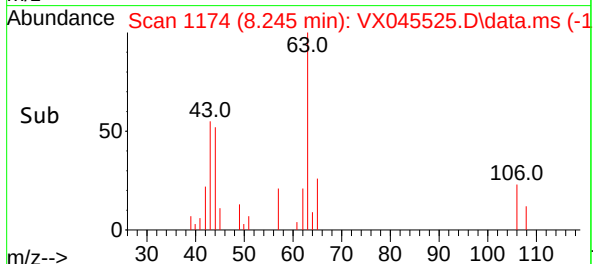
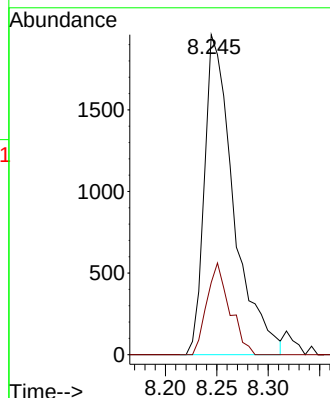
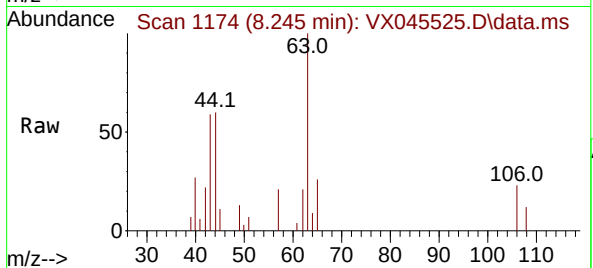
#58
2-Chloroethyl Vinyl ether
Concen: 4.008 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 3880
Ion Ratio Lower Upper
63 100
106 22.6 21.0 31.6

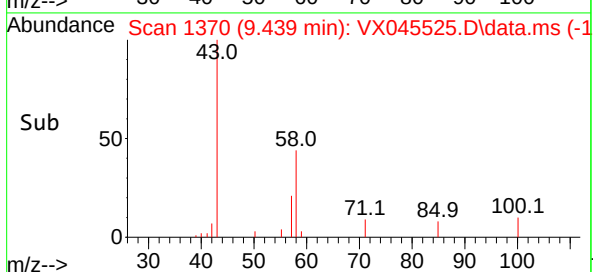
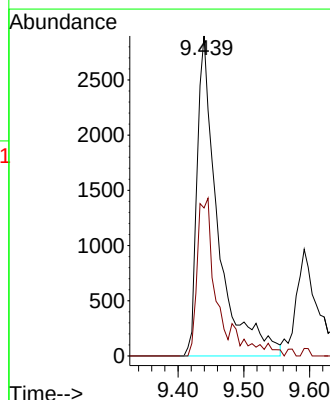
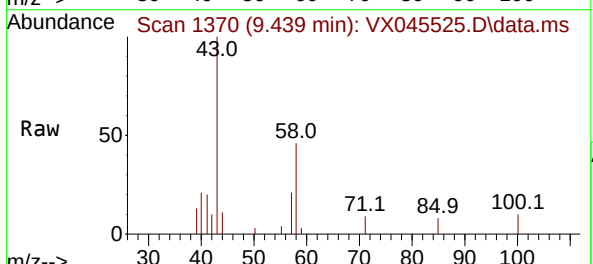
Manual Integrations
APPROVED

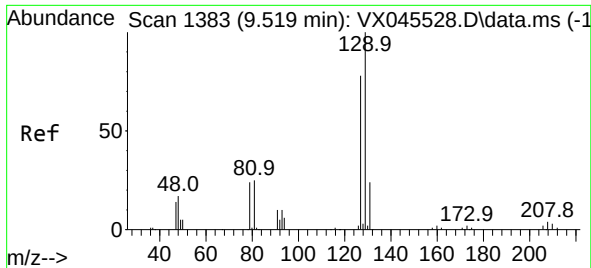
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#59
2-Hexanone
Concen: 4.040 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

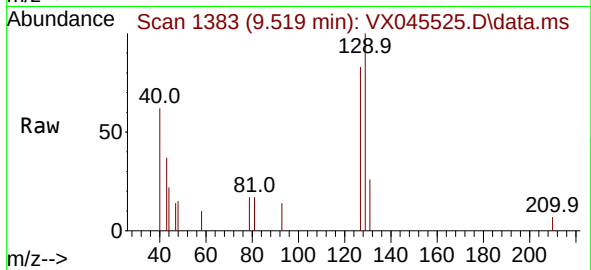
Tgt Ion: 43 Resp: 6360
Ion Ratio Lower Upper
43 100
58 39.5 24.9 74.6





#60
Dibromochloromethane
Concen: 0.814 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

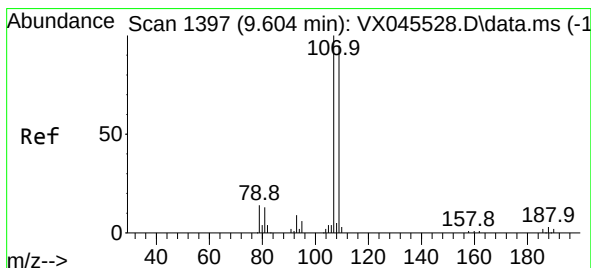
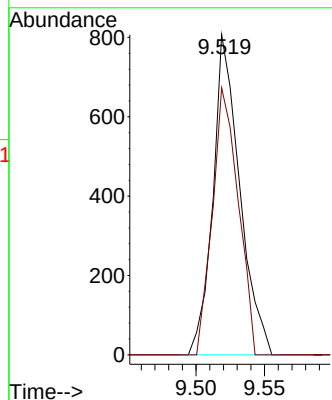
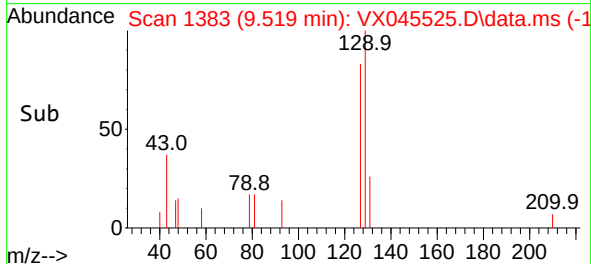
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



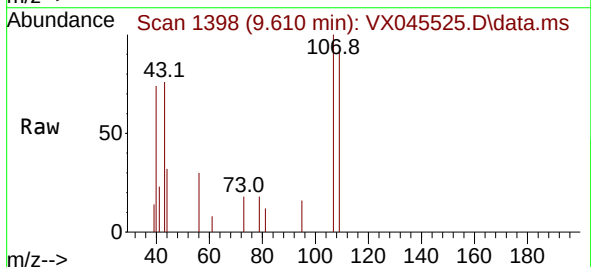
Tgt Ion:129 Resp: 109
Ion Ratio Lower Upper
129 100
127 80.0 39.4 118.2

Manual Integrations
APPROVED

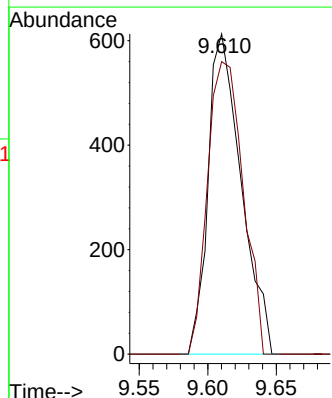
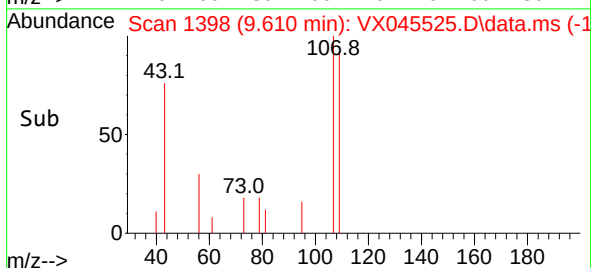
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

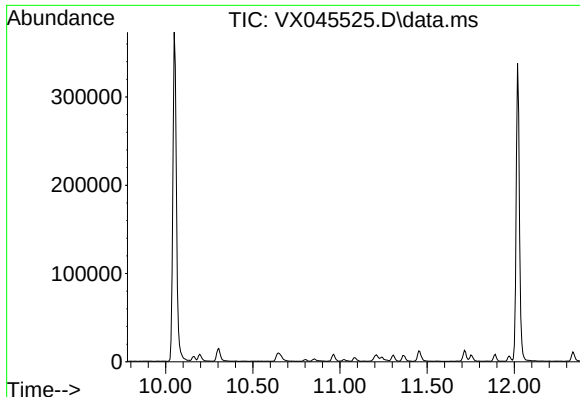


#61
1,2-Dibromoethane
Concen: 0.825 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



Tgt Ion:107 Resp: 1032
Ion Ratio Lower Upper
107 100
109 98.1 75.7 113.5





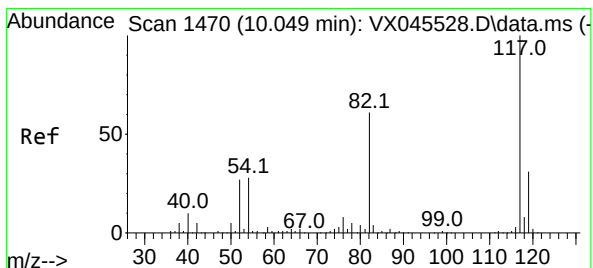
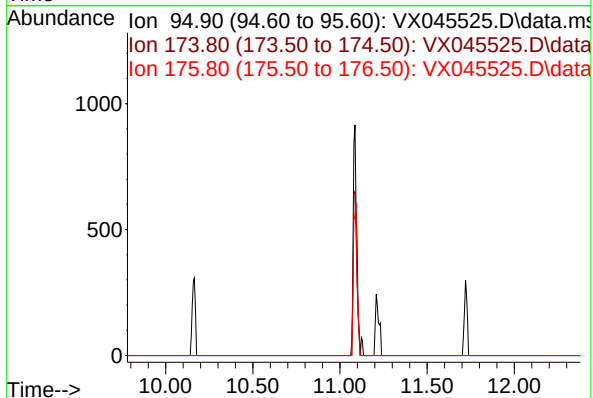
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.08 min
 Lab File: VX045525.D
 Acq: 01 Apr 2025 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 67.9
 176 65.7

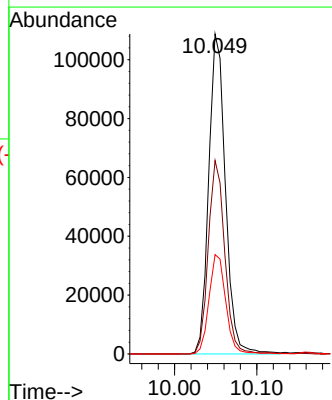
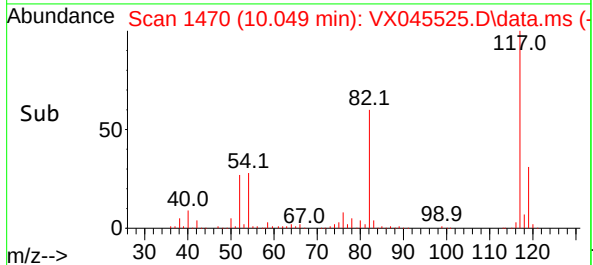
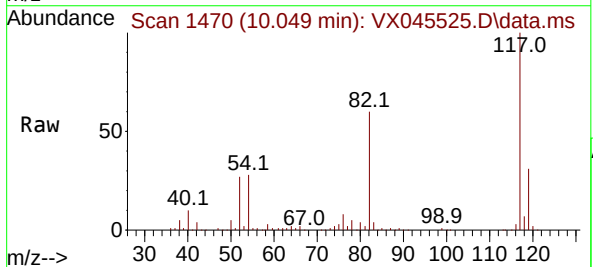
Manual Integrations
 APPROVED

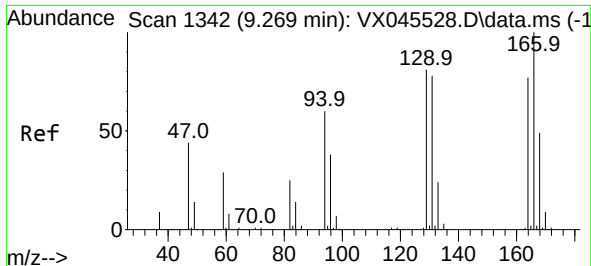
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.049 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: VX045525.D
 Acq: 01 Apr 2025 17:06

Tgt Ion:117 Resp: 153312
 Ion Ratio Lower Upper
 117 100
 82 60.5 49.2 73.8
 119 31.0 25.1 37.7





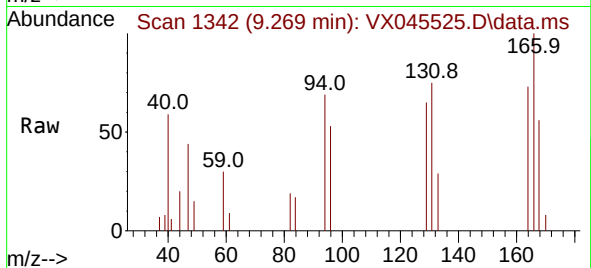
#64
Tetrachloroethene
Concen: 0.981 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001



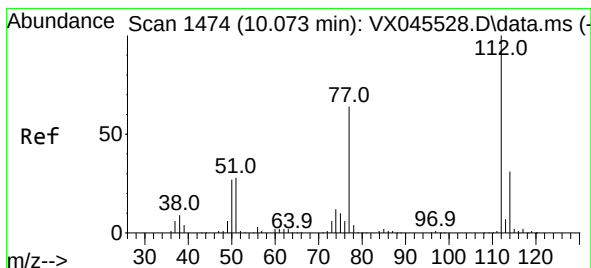
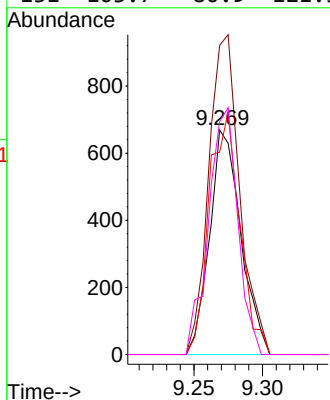
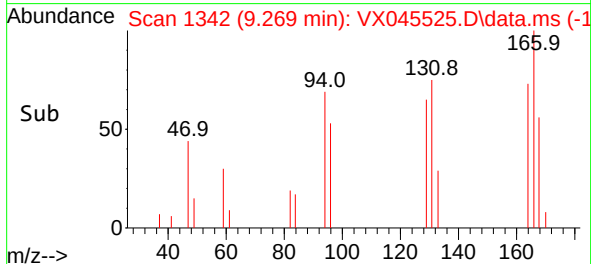
Tgt Ion:164 Resp: 1062
Ion Ratio Lower Upper
164 100
166 137.7 103.8 155.8
129 90.1 84.3 126.5
131 103.7 80.9 121.3

Manual Integrations

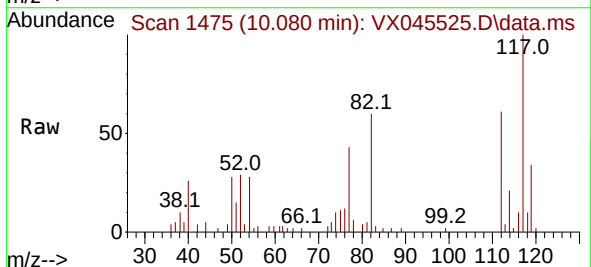
APPROVED

Reviewed By :Amit Patel 04/02/2025

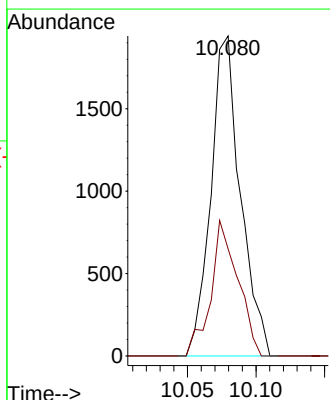
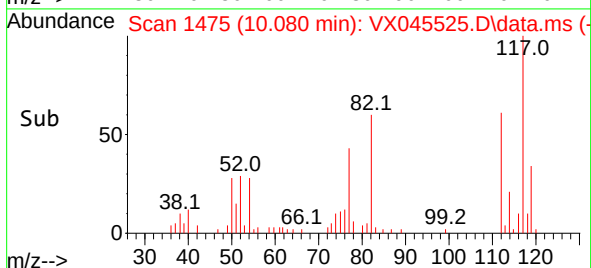
Supervised By :Mahesh Dadoda 04/02/2025

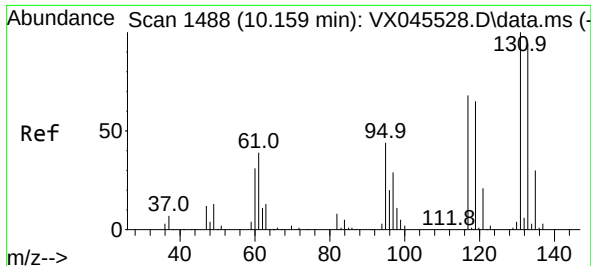


#65
Chlorobenzene
Concen: 0.890 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



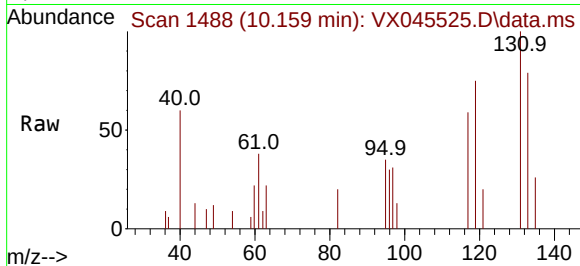
Tgt Ion:112 Resp: 2916
Ion Ratio Lower Upper
112 100
114 33.5 24.7 37.1





#66
1,1,1,2-Tetrachloroethane
Concen: 0.992 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

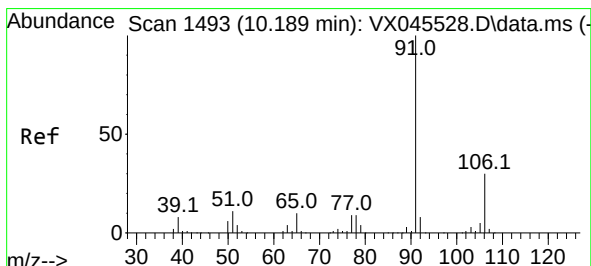
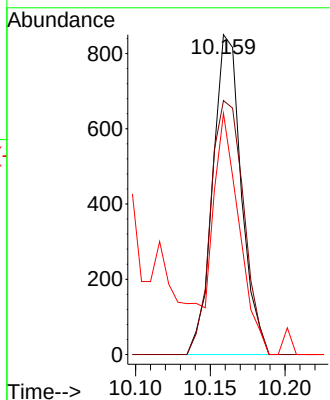
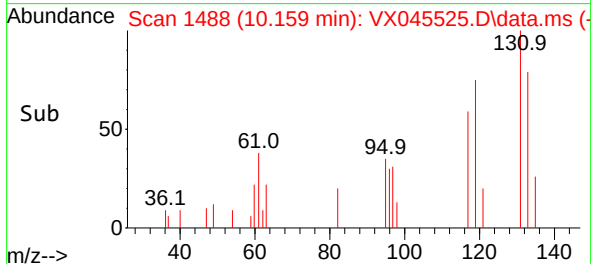
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



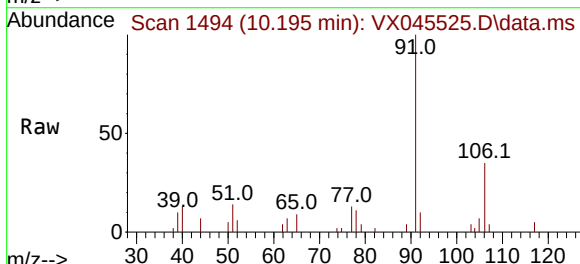
Tgt Ion:131 Resp: 1128
Ion Ratio Lower Upper
131 100
133 91.6 47.5 142.5
119 0.0 32.9 98.6

Manual Integrations
APPROVED

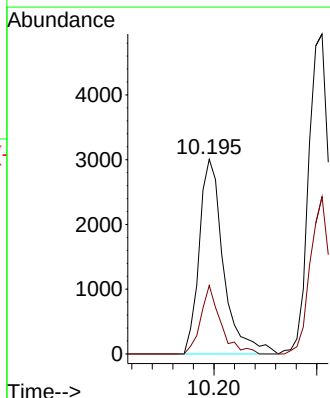
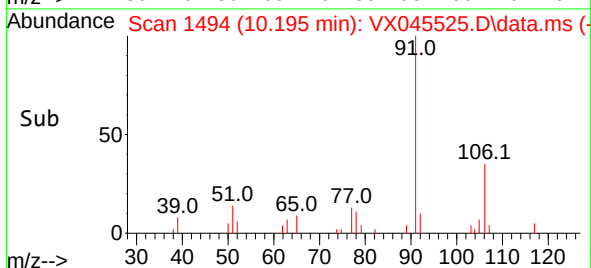
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

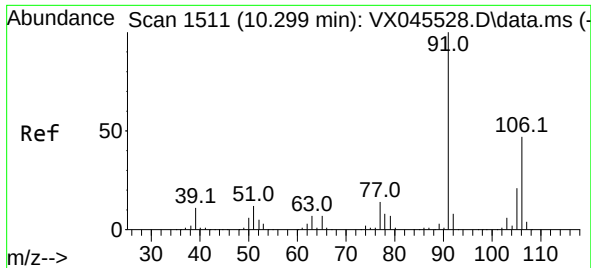


#67
Ethyl Benzene
Concen: 0.840 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



Tgt Ion: 91 Resp: 4930
Ion Ratio Lower Upper
91 100
106 35.2 23.7 35.5





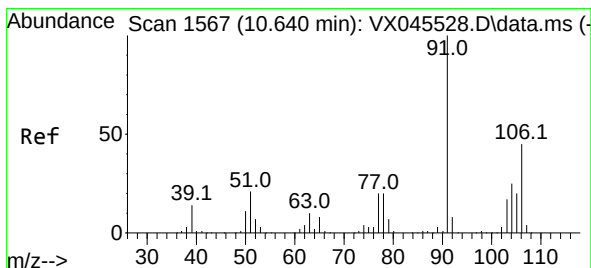
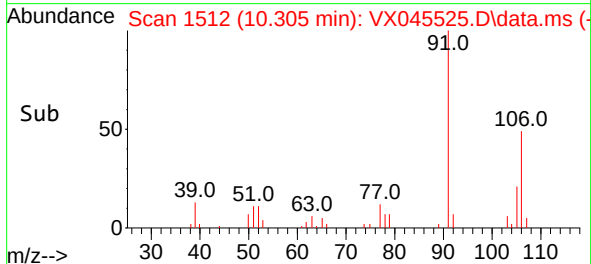
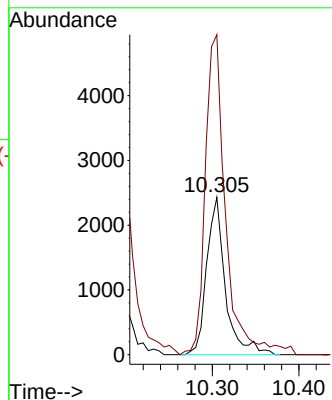
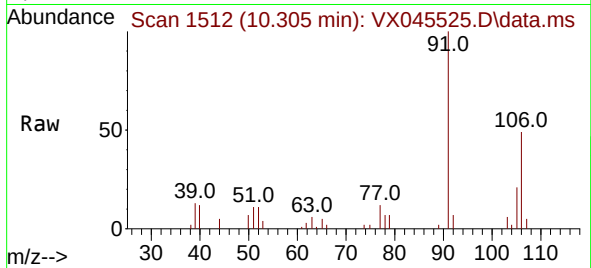
#68
m/p-Xylenes
Concen: 1.708 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 3649
Ion Ratio Lower Upper
106 100
91 221.2 172.6 258.8

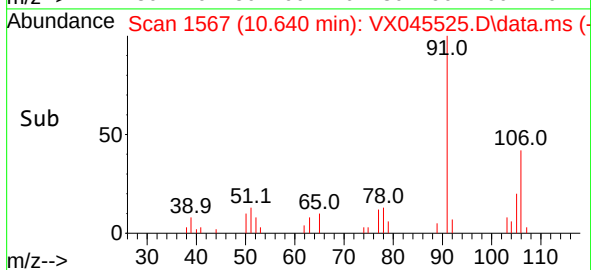
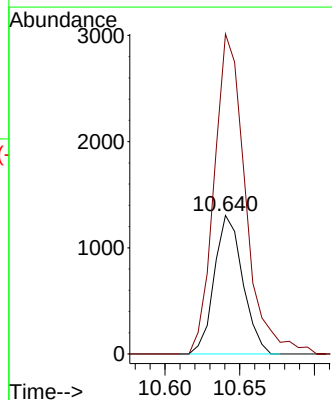
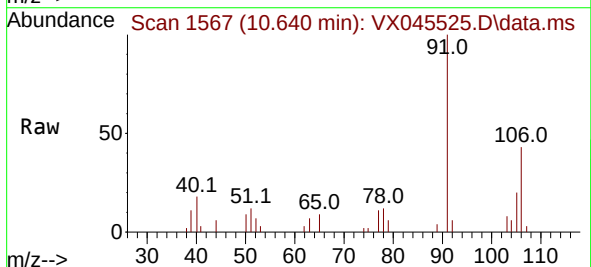
Manual Integrations
APPROVED

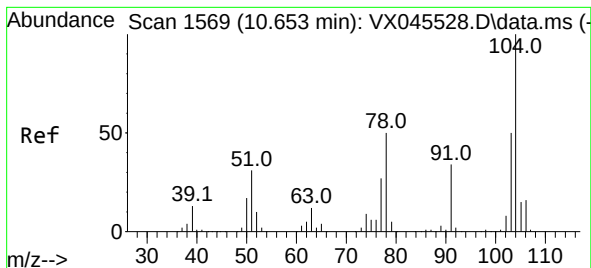
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#69
o-Xylene
Concen: 0.820 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:106 Resp: 1724
Ion Ratio Lower Upper
106 100
91 254.4 113.6 340.6





#70

Styrene

Concen: 0.793 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

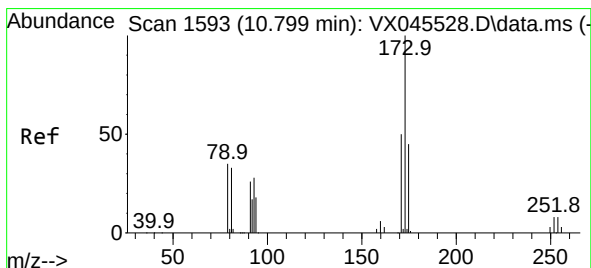
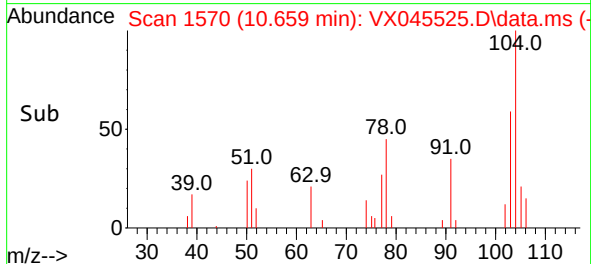
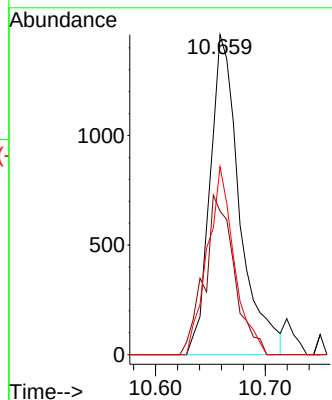
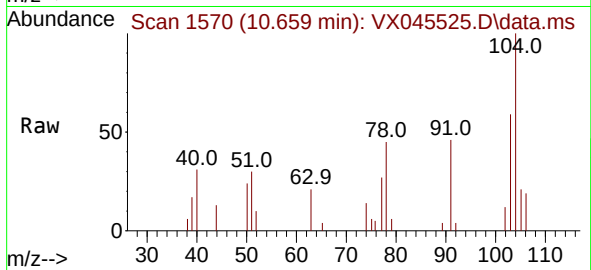
Tgt Ion:104	Resp:	2750
Ion Ratio	Lower	Upper
104	100	
78	50.1	45.4 68.2
103	53.2	43.8 65.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#71

Bromoform

Concen: 0.795 ug/l

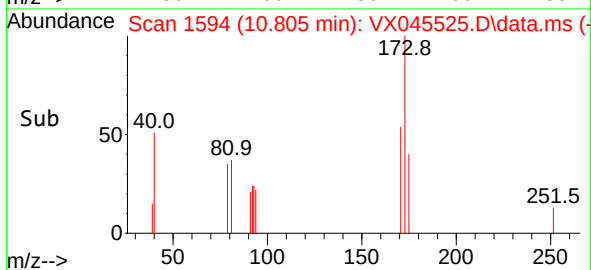
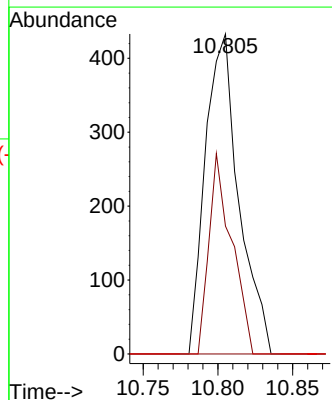
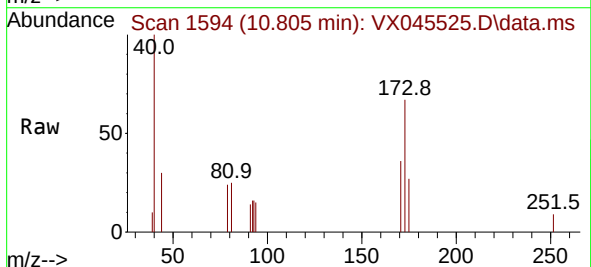
RT: 10.805 min Scan# 1594

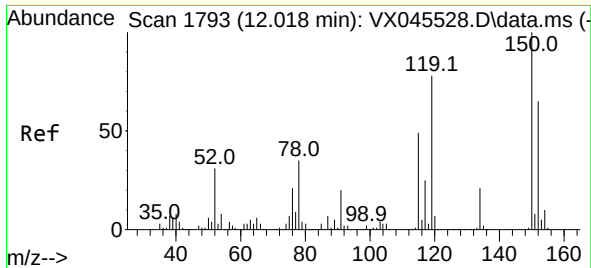
Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

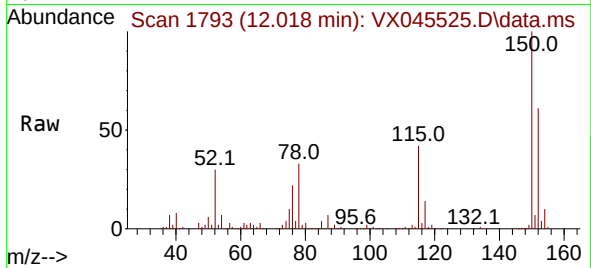
Tgt Ion:173	Resp:	675
Ion Ratio	Lower	Upper
173	100	
175	42.7	23.4 70.2
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

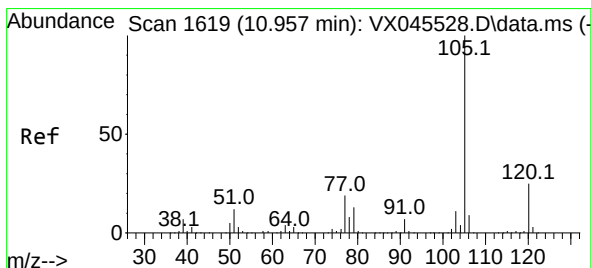
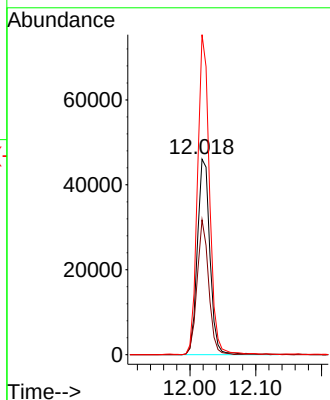
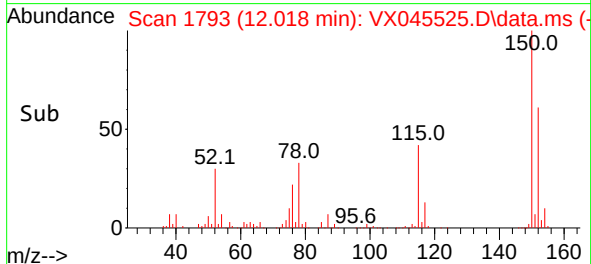
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



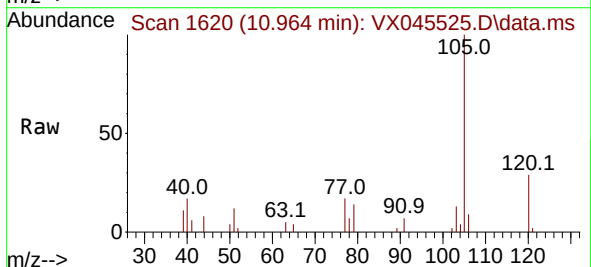
Tgt Ion:152 Resp: 61114
Ion Ratio Lower Upper
152 100
115 63.5 46.9 140.7
150 155.9 0.0 349.4

Manual Integrations
APPROVED

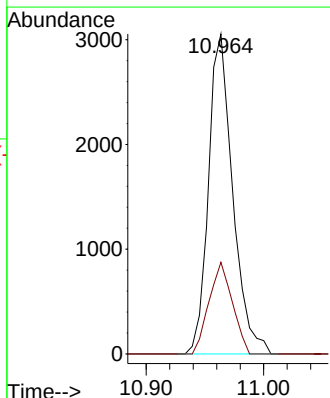
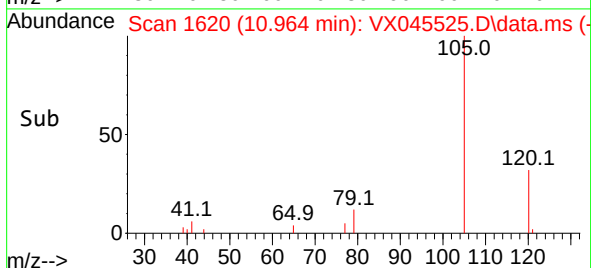
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

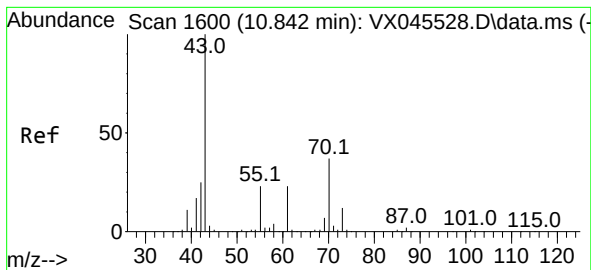


#73
Isopropylbenzene
Concen: 0.894 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



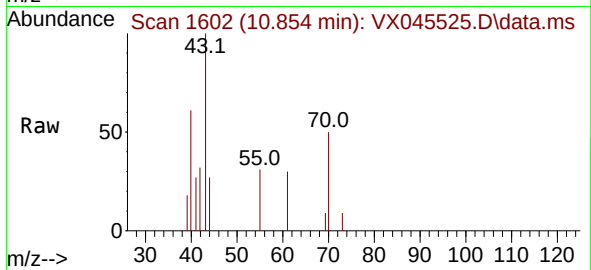
Tgt Ion:105 Resp: 4377
Ion Ratio Lower Upper
105 100
120 27.6 12.7 38.0





#74
N-amy1 acetate
Concen: 0.752 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

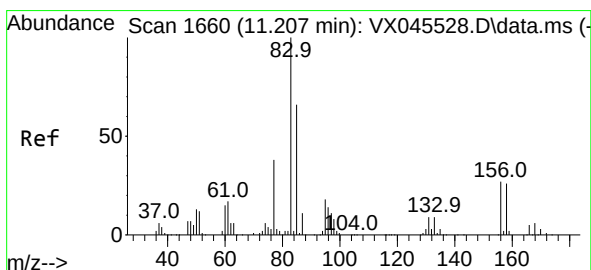
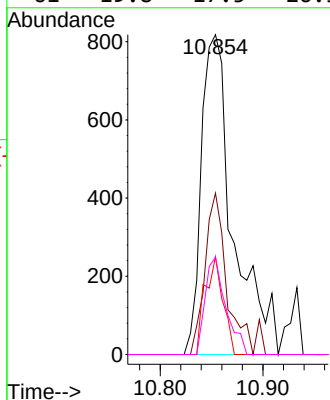
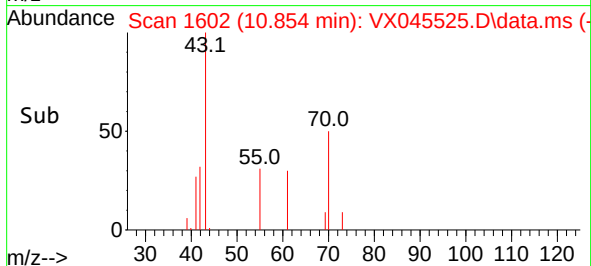
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 43	Resp: 176
Ion Ratio	Lower Upper
43 100	
70 34.4	30.1 45.1
55 17.3	18.3 27.5
61 19.8	17.5 26.3

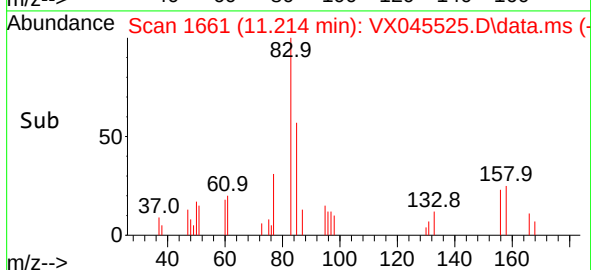
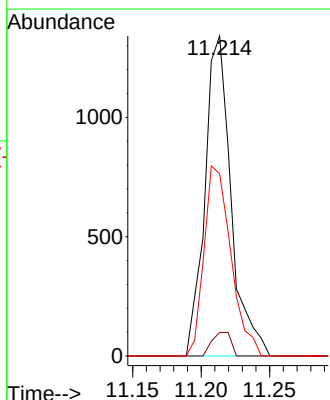
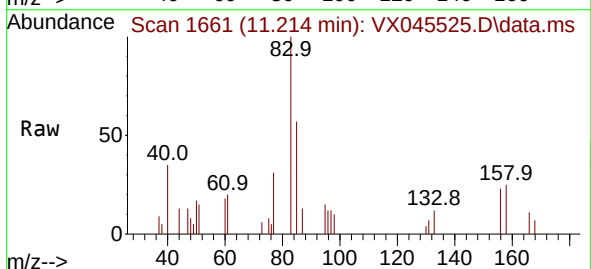
Manual Integrations
APPROVED

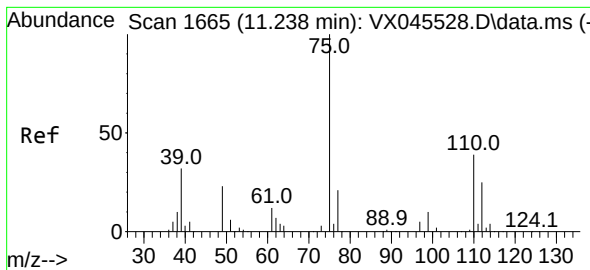
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 1.036 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 83	Resp: 1781		
Ion Ratio	Lower	Upper	
83 100			
131 5.3	4.7	14.1	
85 61.1	32.4	97.2	





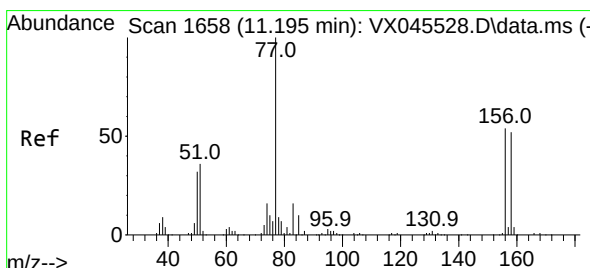
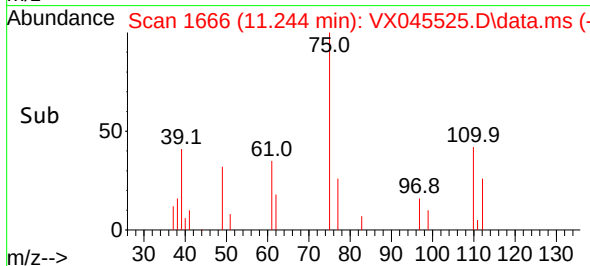
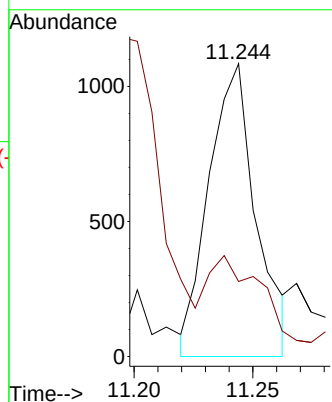
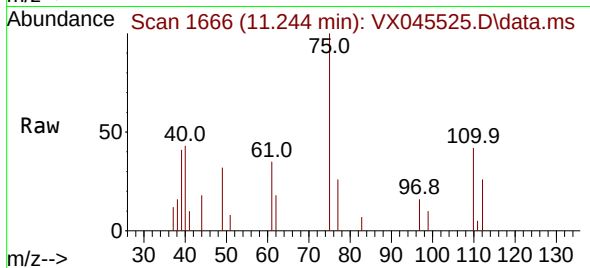
#76
1,2,3-Trichloropropane
Concen: 1.002 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 149
Ion Ratio Lower Upper
75 100
77 42.1 20.0 59.9

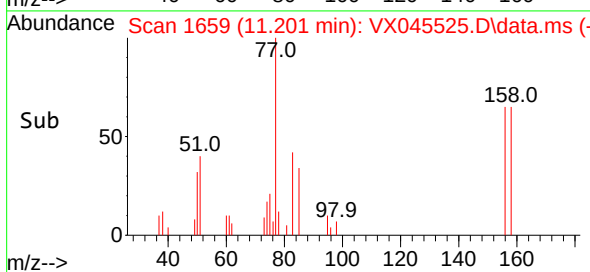
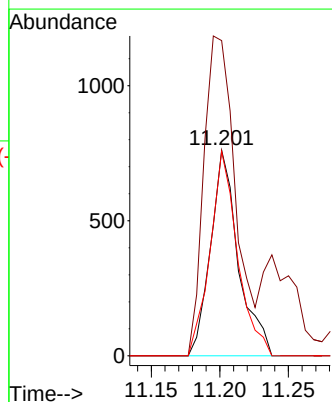
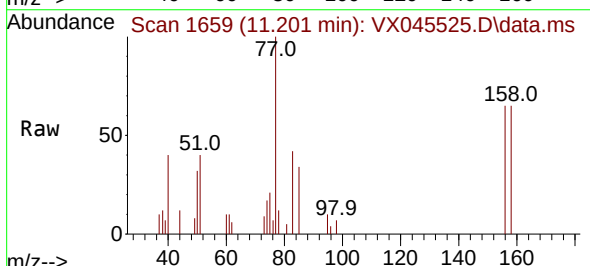
Manual Integrations
APPROVED

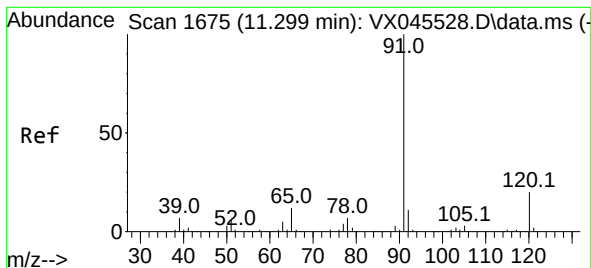
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#77
Bromobenzene
Concen: 0.948 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:156 Resp: 1072
Ion Ratio Lower Upper
156 100
77 176.5 92.6 277.8
158 98.4 48.1 144.4





#78

n-propylbenzene

Concen: 0.809 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 4564

Ion Ratio Lower Upper

91 100

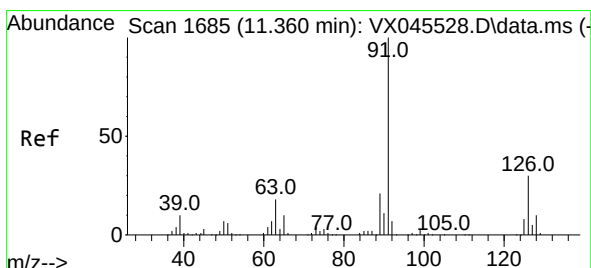
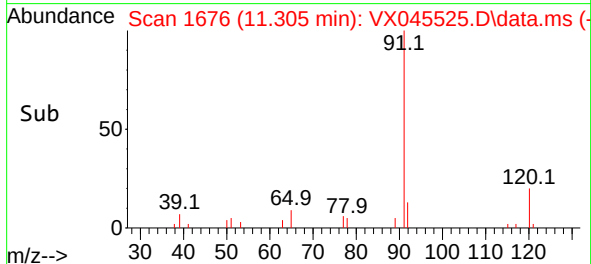
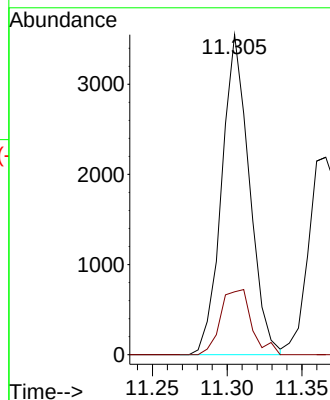
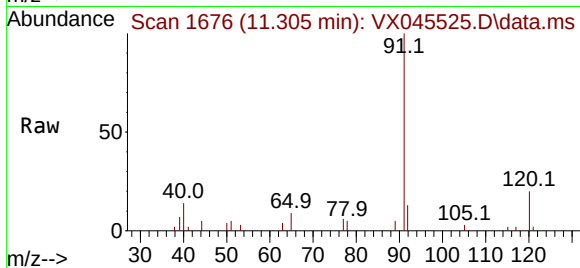
120 22.8 10.8 32.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#79

2-Chlorotoluene

Concen: 0.981 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VX045525.D

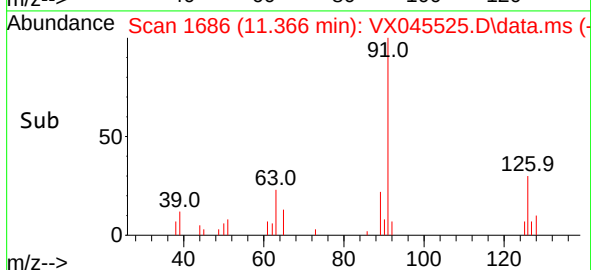
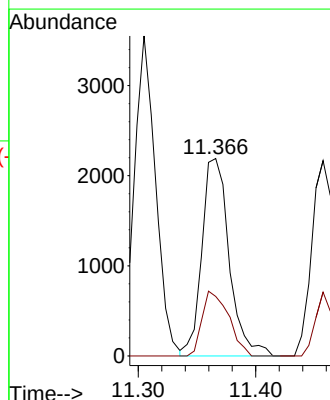
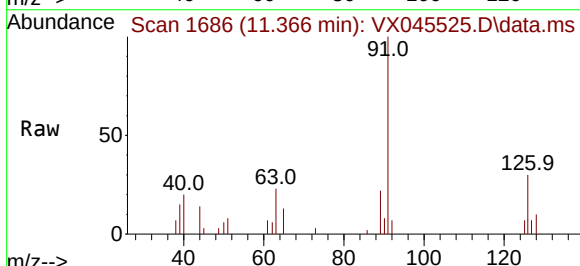
Acq: 01 Apr 2025 17:06

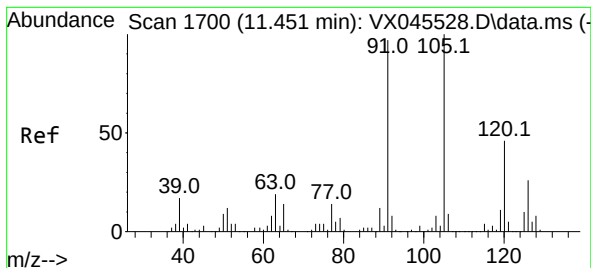
Tgt Ion: 91 Resp: 3537

Ion Ratio Lower Upper

91 100

126 31.8 15.8 47.4





#80

1,3,5-Trimethylbenzene

Concen: 0.885 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 358

Ion Ratio Lower Upper

105 100

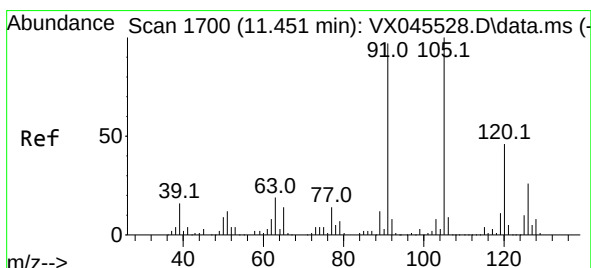
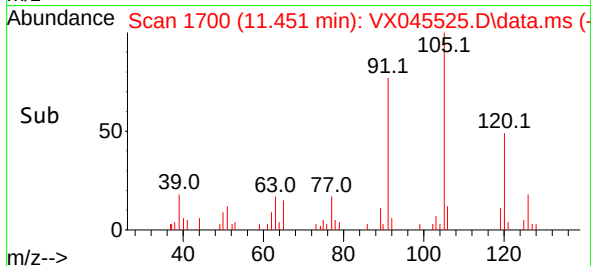
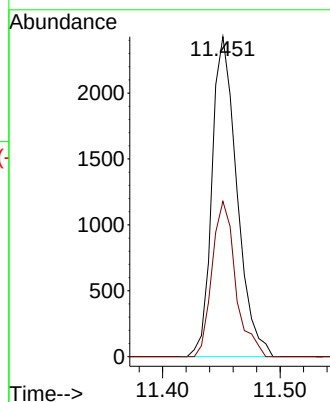
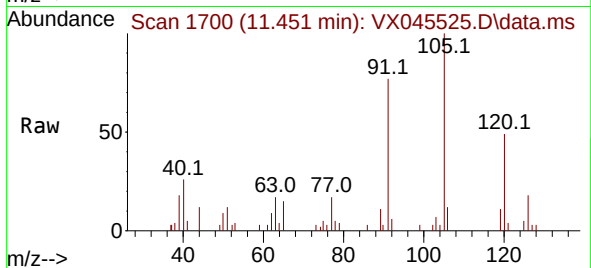
120 45.8 23.0 69.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#82

4-Chlorotoluene

Concen: 0.900 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX045525.D

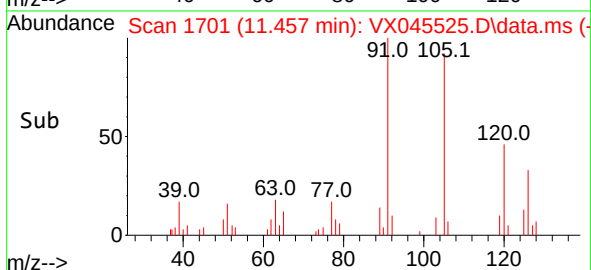
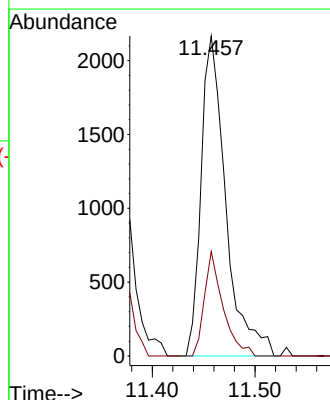
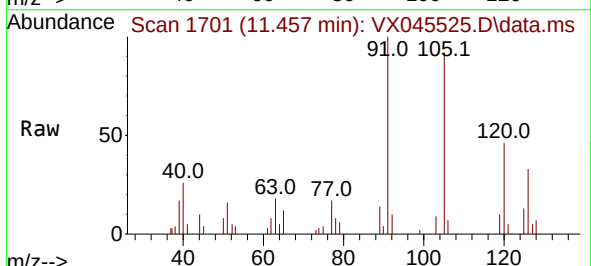
Acq: 01 Apr 2025 17:06

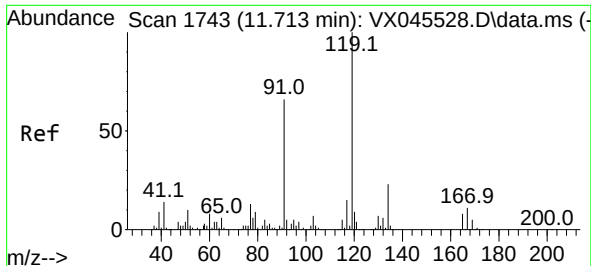
Tgt Ion: 91 Resp: 3619

Ion Ratio Lower Upper

91 100

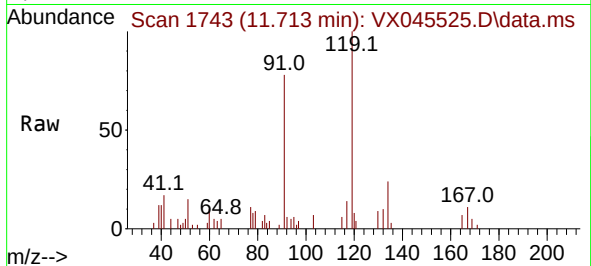
126 24.7 13.3 39.9





#83
tert-Butylbenzene
Concen: 0.883 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

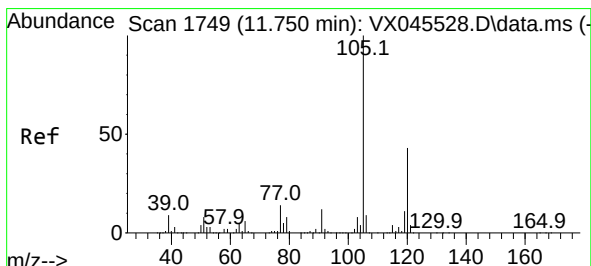
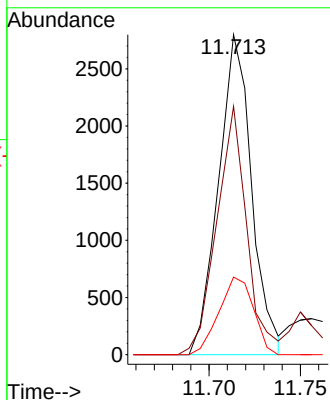
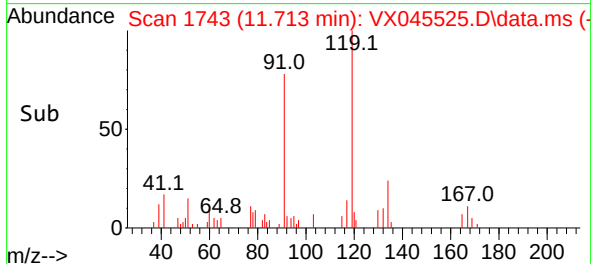
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



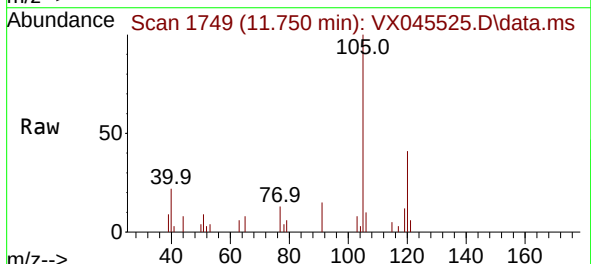
Tgt Ion:119 Resp: 3531
Ion Ratio Lower Upper
119 100
91 70.3 32.4 97.2
134 25.2 11.5 34.5

Manual Integrations
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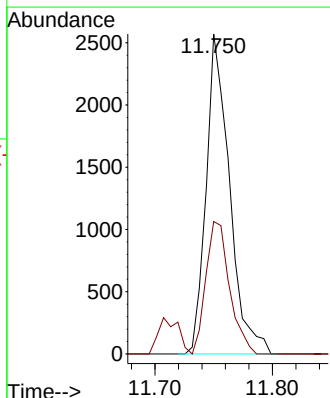
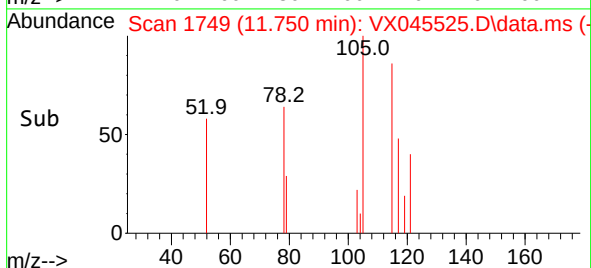
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

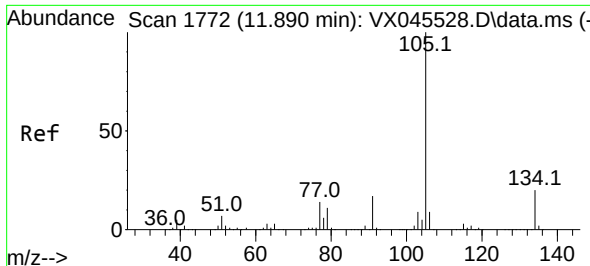


#84
1,2,4-Trimethylbenzene
Concen: 0.874 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



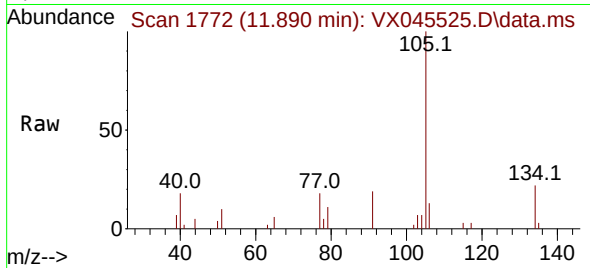
Tgt Ion:105 Resp: 3552
Ion Ratio Lower Upper
105 100
120 42.0 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 0.793 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045525.D
 Acq: 01 Apr 2025 17:06

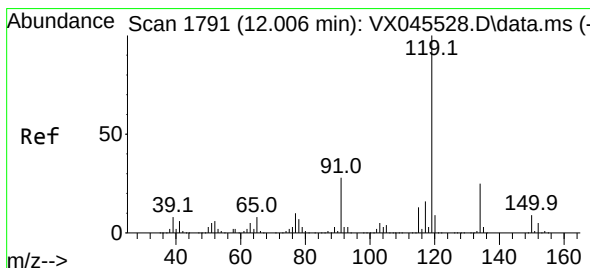
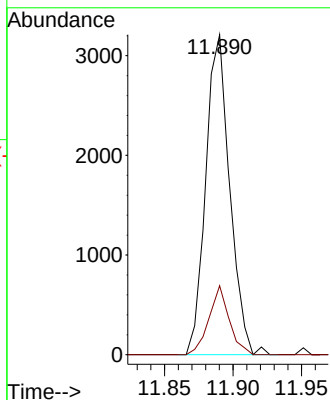
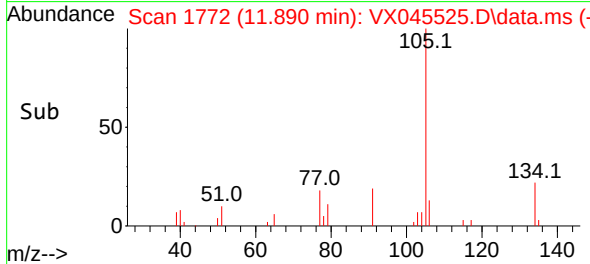
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



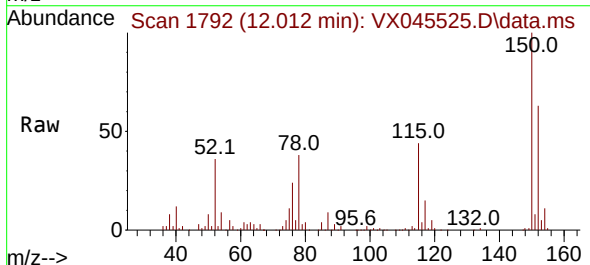
Tgt Ion:105 Resp: 390
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.6 28.6

Manual Integrations
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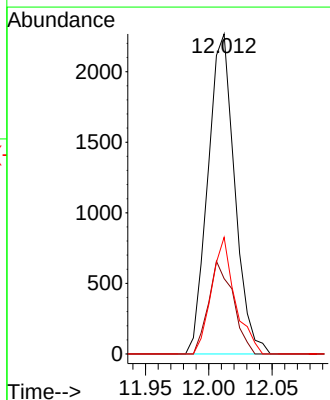
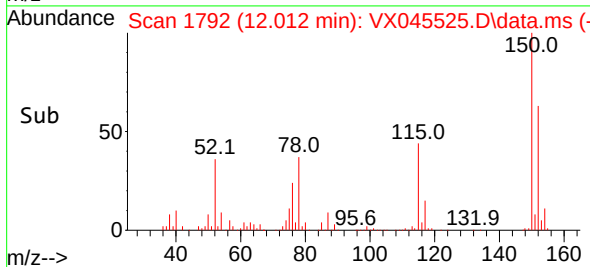
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

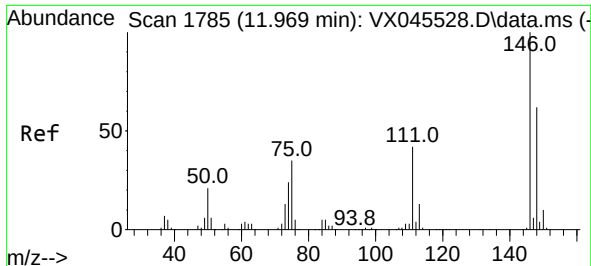


#86
 p-Isopropyltoluene
 Concen: 0.824 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX045525.D
 Acq: 01 Apr 2025 17:06



Tgt Ion:119 Resp: 3342
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 31.9 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 0.984 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion:146 Resp: 2020

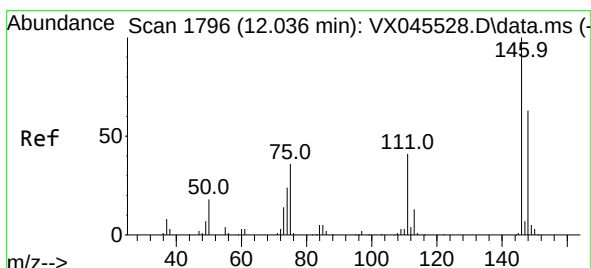
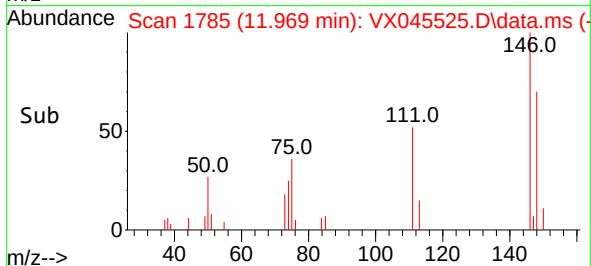
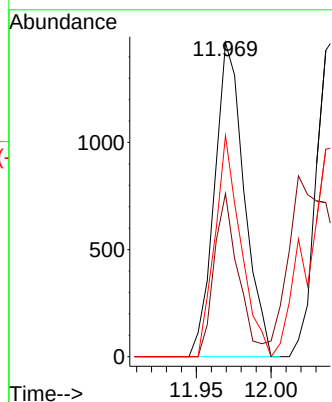
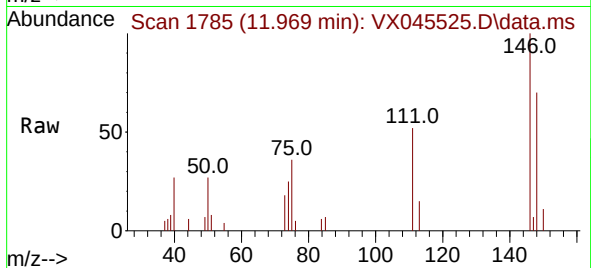
Ion	Ratio	Lower	Upper
146	100		
111	42.2	22.2	66.6
148	61.2	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#88

1,4-Dichlorobenzene

Concen: 0.978 ug/l m

RT: 12.043 min Scan# 1797

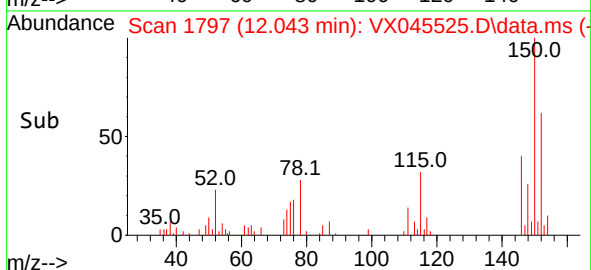
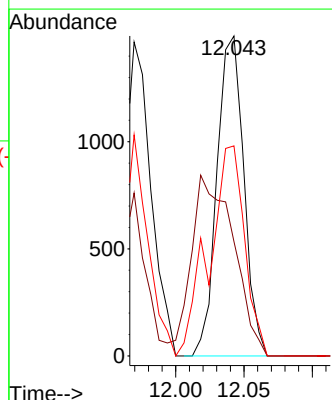
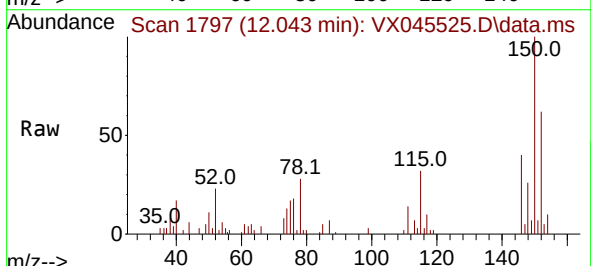
Delta R.T. 0.006 min

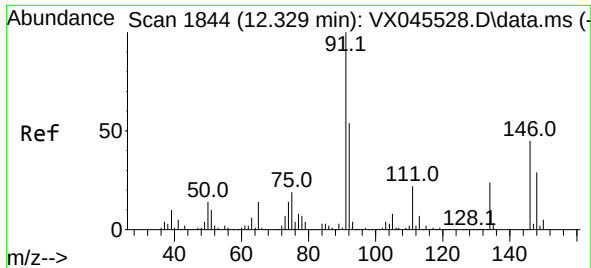
Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion:146 Resp: 2042

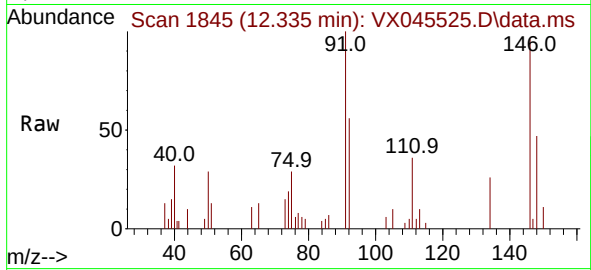
Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.8
148	60.7	31.5	94.5





#89
n-Butylbenzene
Concen: 0.735 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

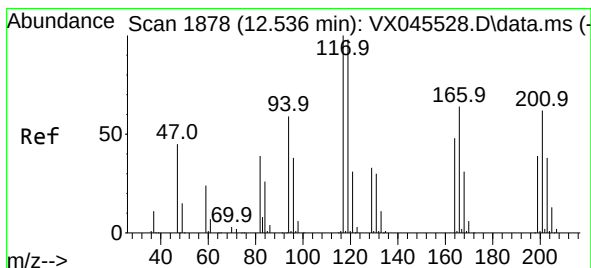
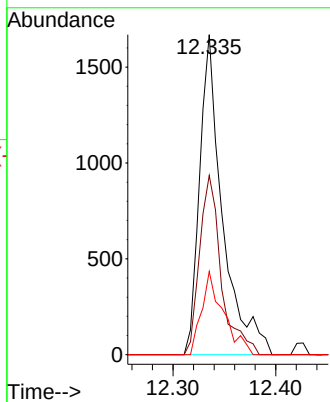
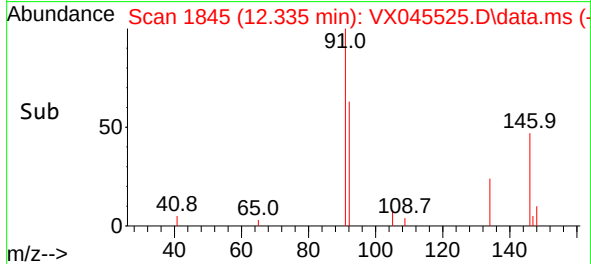
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 258
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.6
134 24.8 11.9 35.7

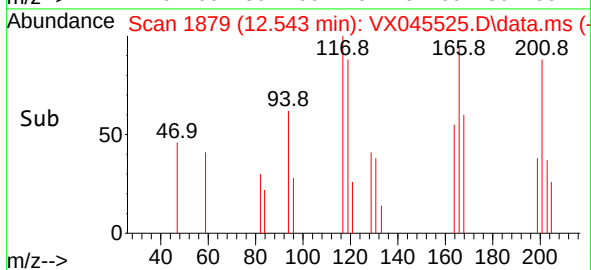
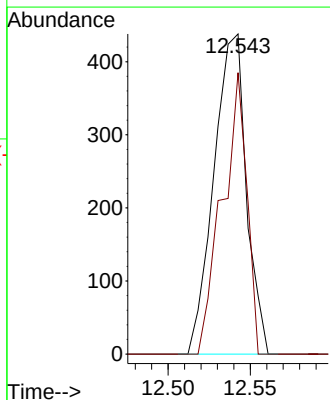
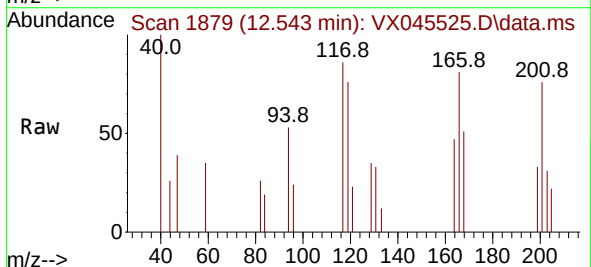
Manual Integrations
APPROVED

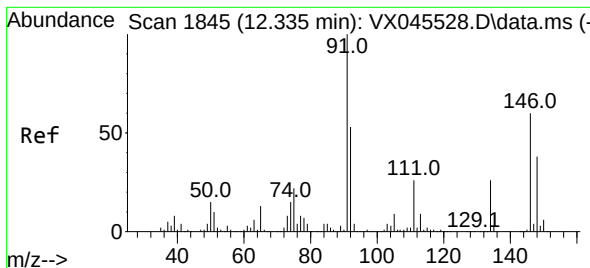
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#90
Hexachloroethane
Concen: 0.863 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

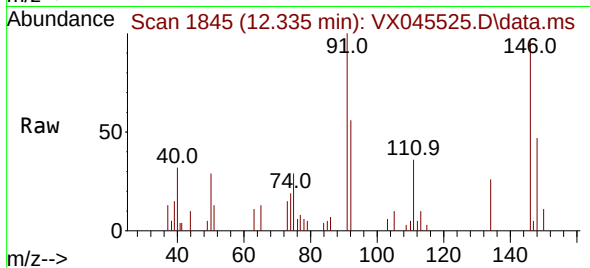
Tgt Ion:117 Resp: 602
Ion Ratio Lower Upper
117 100
201 66.3 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 0.981 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

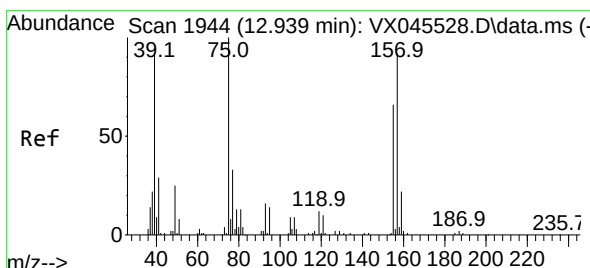
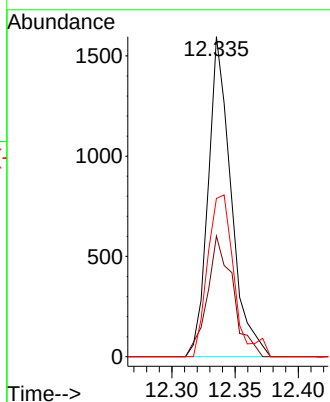
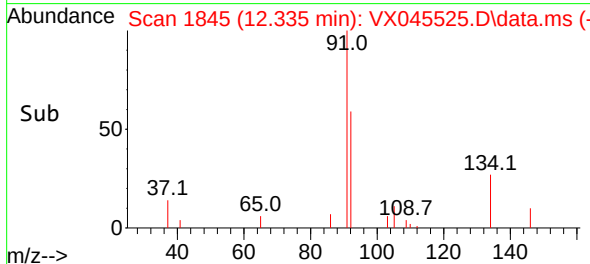
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



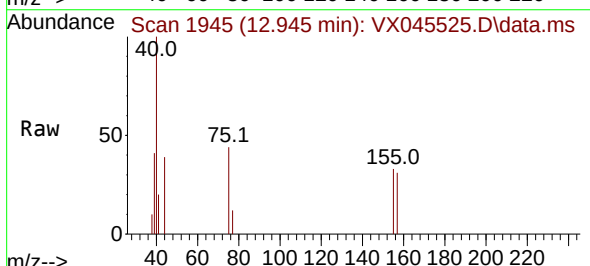
Tgt Ion: 146 Resp: 2009
Ion Ratio Lower Upper
146 100
111 42.0 22.9 68.8
148 58.2 31.9 95.5

Manual Integrations
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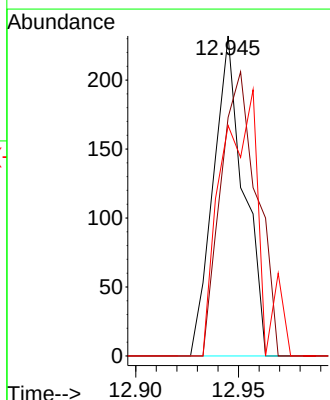
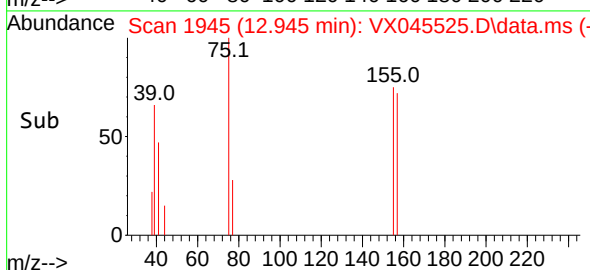
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

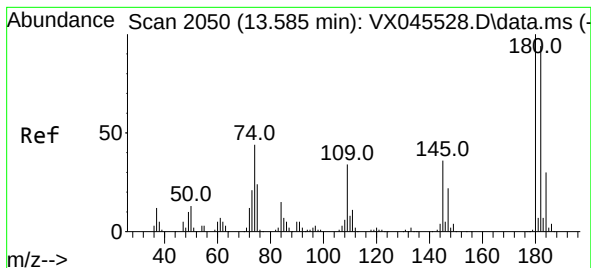


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.665 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



Tgt Ion: 75 Resp: 239
Ion Ratio Lower Upper
75 100
155 105.4 34.9 104.7#
157 103.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.779 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

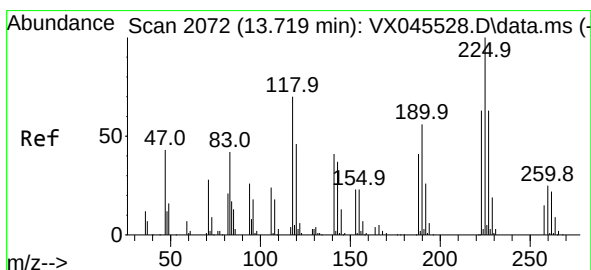
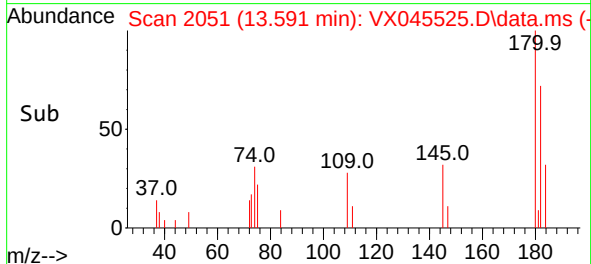
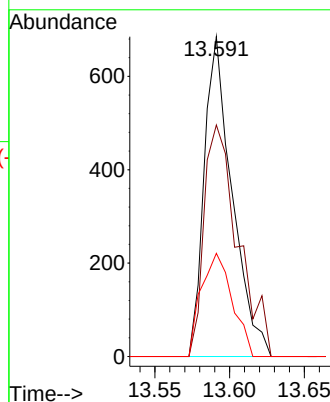
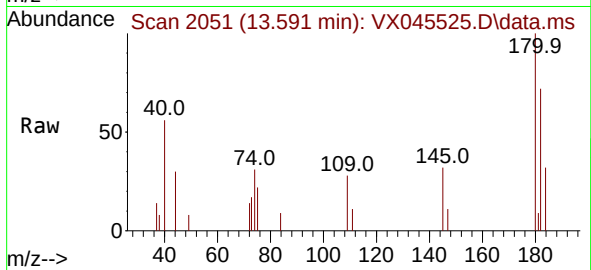
Tgt Ion:180	Resp:	88
Ion Ratio	Lower	Upper
180	100	
182	87.6	47.9 143.6
145	35.8	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#94

Hexachlorobutadiene

Concen: 0.943 ug/l

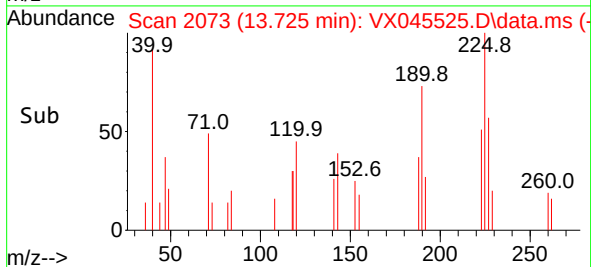
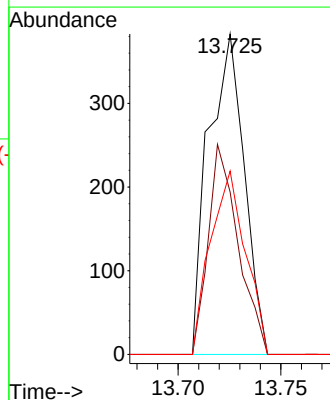
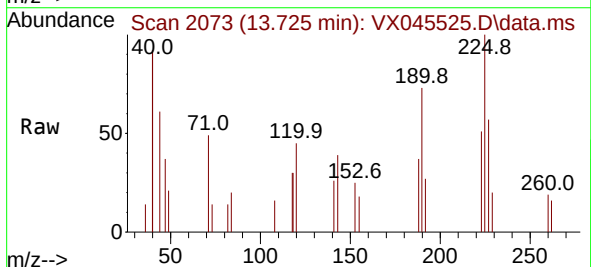
RT: 13.725 min Scan# 2073

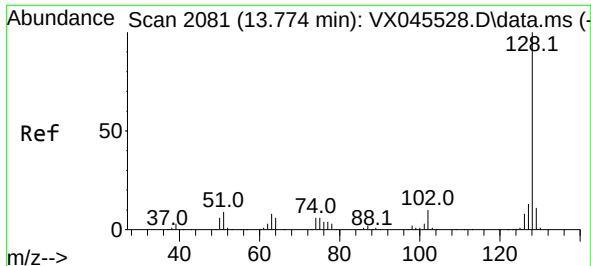
Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

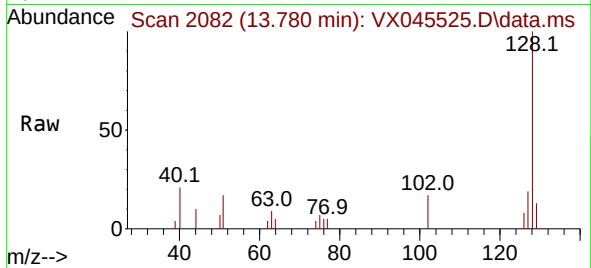
Tgt Ion:225	Resp:	463
Ion Ratio	Lower	Upper
225	100	
223	54.9	31.1 93.3
227	56.4	32.2 96.6





#95
Naphthalene
Concen: 0.733 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

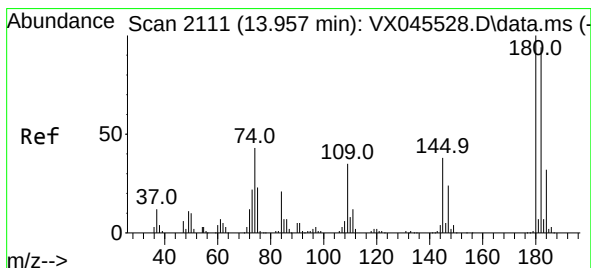
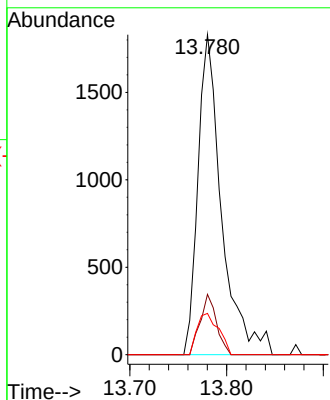
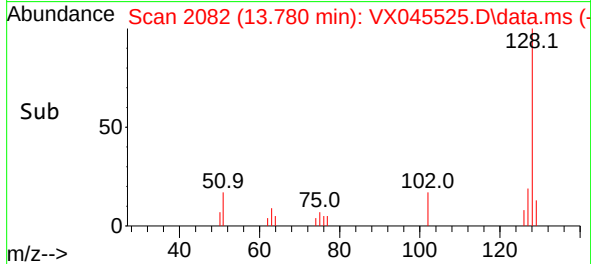
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



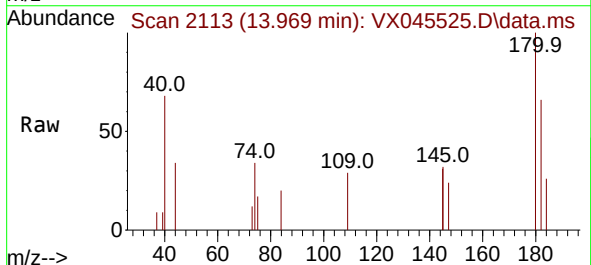
Tgt Ion:128 Resp: 3109
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.7 8.6 12.8

Manual Integrations
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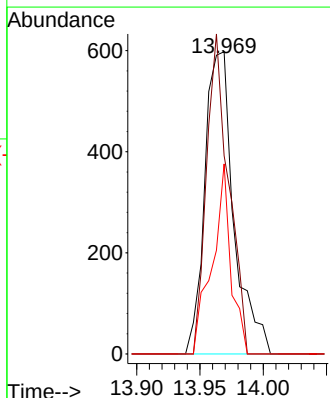
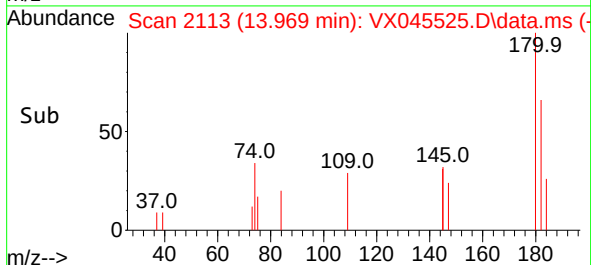
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.801 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



Tgt Ion:180 Resp: 956
Ion Ratio Lower Upper
180 100
182 80.5 47.3 141.8
145 40.4 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045526.D
 Acq On : 01 Apr 2025 17:29
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	93234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	8969	5.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.520%#		
35) Dibromofluoromethane	5.391	113	6181	5.244	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.480%#		
50) Toluene-d8	8.647	98	20890	5.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.160%#		
62) 4-Bromofluorobenzene	11.079	95	6867	4.582	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6482	4.649	ug/l	91
3) Chloromethane	1.307	50	6846	4.779	ug/l	99
4) Vinyl Chloride	1.374	62	6169	4.706	ug/l	100
5) Bromomethane	1.593	94	3185	5.124	ug/l	90
6) Chloroethane	1.666	64	3703	5.324	ug/l	96
7) Trichlorofluoromethane	1.874	101	9316	4.766	ug/l	94
8) Diethyl Ether	2.136	74	3171	4.832	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	5589	4.879	ug/l	99
10) Methyl Iodide	2.447	142	6574	4.601	ug/l	97
11) Tert butyl alcohol	2.983	59	5186	22.633	ug/l	99
12) 1,1-Dichloroethene	2.313	96	5485	4.901	ug/l	90
13) Acrolein	2.239	56	8202	25.993	ug/l	97
14) Allyl chloride	2.654	41	9960	4.690	ug/l	95
15) Acrylonitrile	3.069	53	17811	24.624	ug/l	97
16) Acetone	2.386	43	17188	24.550	ug/l	99
17) Carbon Disulfide	2.502	76	12376	4.477	ug/l #	93
18) Methyl Acetate	2.703	43	8042	4.989	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	18314	4.677	ug/l	100
20) Methylene Chloride	2.782	84	6481	4.945	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	5534	4.840	ug/l	95
22) Diisopropyl ether	3.764	45	19765	4.725	ug/l #	82
23) Vinyl Acetate	3.721	43	78907	21.831	ug/l	98
24) 1,1-Dichloroethane	3.605	63	11562	4.887	ug/l	98
25) 2-Butanone	4.574	43	25026	24.419	ug/l	99
26) 2,2-Dichloropropane	4.477	77	7054	4.615	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	6485	4.655	ug/l	95
28) Bromochloromethane	4.898	49	5666	4.956	ug/l	95
29) Tetrahydrofuran	5.013	42	15913	23.950	ug/l	100
30) Chloroform	5.087	83	12200	5.012	ug/l	99
31) Cyclohexane	5.465	56	9731	4.653	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	9811	4.763	ug/l	99
36) 1,1-Dichloropropene	5.690	75	7354	4.621	ug/l	98
37) Ethyl Acetate	4.721	43	9384	4.679	ug/l #	91
38) Carbon Tetrachloride	5.666	117	8264	4.804	ug/l	99
39) Methylcyclohexane	7.379	83	8757	4.489	ug/l	95
40) Benzene	6.038	78	23522	4.839	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045526.D
 Acq On : 01 Apr 2025 17:29
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	4593	4.302	ug/l	92
42) 1,2-Dichloroethane	6.092	62	9713	4.838	ug/l	100
43) Isopropyl Acetate	6.348	43	13803	4.541	ug/l	97
44) Trichloroethene	7.129	130	5355	4.635	ug/l	99
45) 1,2-Dichloropropane	7.434	63	6060	4.997	ug/l	99
46) Dibromomethane	7.580	93	4767	5.120	ug/l	99
47) Bromodichloromethane	7.818	83	8619	4.636	ug/l #	97
48) Methyl methacrylate	7.696	41	6908	4.401	ug/l	98
49) 1,4-Dioxane	7.665	88	3205	112.864	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	48050	23.844	ug/l	97
52) Toluene	8.714	92	14391	4.893	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	6643	5.834	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	7873	4.506	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	5741	4.898	ug/l	90
56) Ethyl methacrylate	9.116	69	8012	4.417	ug/l	95
57) 1,3-Dichloropropane	9.305	76	10208	5.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	21382	23.302	ug/l	99
59) 2-Hexanone	9.433	43	35628	23.875	ug/l	99
60) Dibromochloromethane	9.519	129	5855	4.582	ug/l	99
61) 1,2-Dibromoethane	9.610	107	5837	4.920	ug/l	98
64) Tetrachloroethene	9.275	164	5373	5.287	ug/l	93
65) Chlorobenzene	10.073	112	15178	4.935	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	4945	4.631	ug/l	97
67) Ethyl Benzene	10.195	91	26180	4.753	ug/l	97
68) m/p-Xylenes	10.299	106	19268	9.617	ug/l	99
69) o-Xylene	10.640	106	9735	4.932	ug/l	99
70) Styrene	10.653	104	15017	4.610	ug/l	96
71) Bromoform	10.799	173	3634	4.558	ug/l #	95
73) Isopropylbenzene	10.964	105	24604	4.806	ug/l	100
74) N-amyl acetate	10.848	43	10750	4.390	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	9127	5.075	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	8032m	5.152	ug/l	
77) Bromobenzene	11.195	156	5927	5.011	ug/l	97
78) n-propylbenzene	11.305	91	27777	4.711	ug/l	98
79) 2-Chlorotoluene	11.360	91	18358	4.870	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	19936	4.710	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	1752	3.814	ug/l	85
82) 4-Chlorotoluene	11.457	91	20171	4.799	ug/l	99
83) tert-Butylbenzene	11.713	119	19962	4.763	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	19998	4.707	ug/l	99
85) sec-Butylbenzene	11.890	105	24465	4.753	ug/l	100
86) p-Isopropyltoluene	12.006	119	20178	4.755	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	10255	4.763	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	11016	5.047	ug/l	93
89) n-Butylbenzene	12.329	91	15887	4.317	ug/l	98
90) Hexachloroethane	12.536	117	3151	4.320	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	10510	4.910	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1661	4.417	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	5391	4.524	ug/l	95
94) Hexachlorobutadiene	13.719	225	2483	4.836	ug/l	98
95) Naphthalene	13.774	128	19618	4.424	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	5854	4.692	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

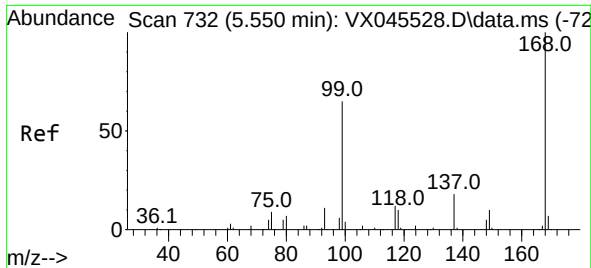
Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

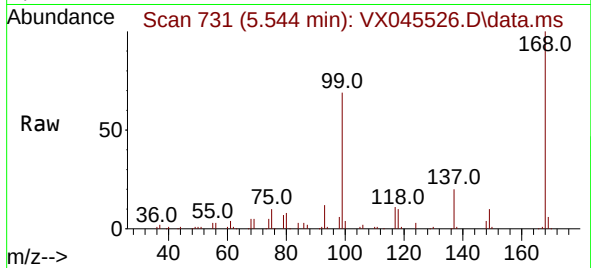
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

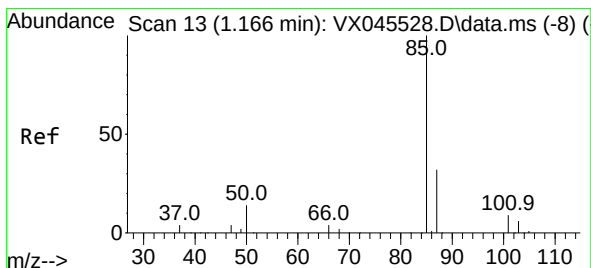
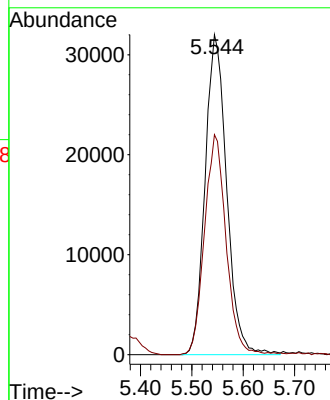
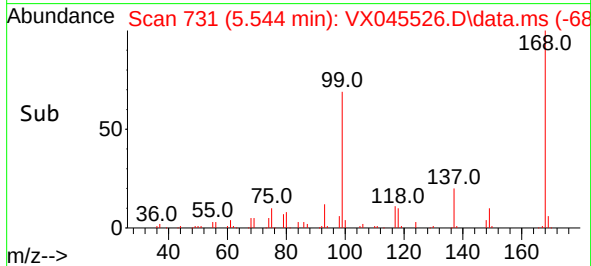
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 93234
Ion Ratio Lower Upper
168 100
99 68.8 52.3 78.5

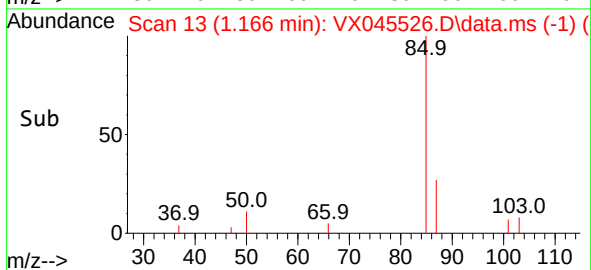
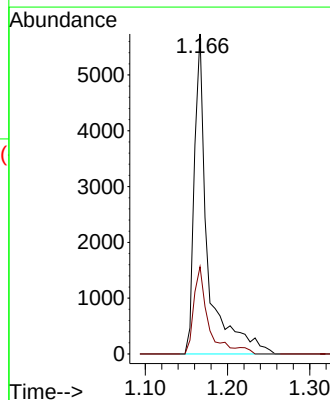
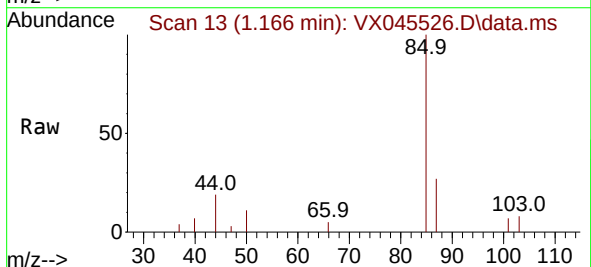
Manual Integrations
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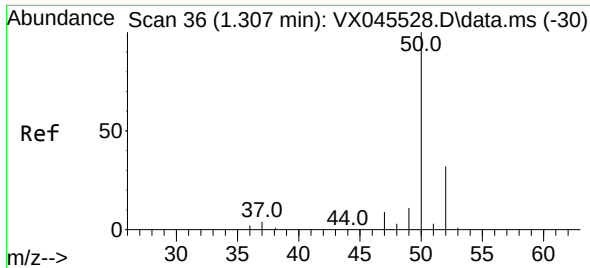
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 4.649 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 85 Resp: 6482
Ion Ratio Lower Upper
85 100
87 27.3 16.1 48.2





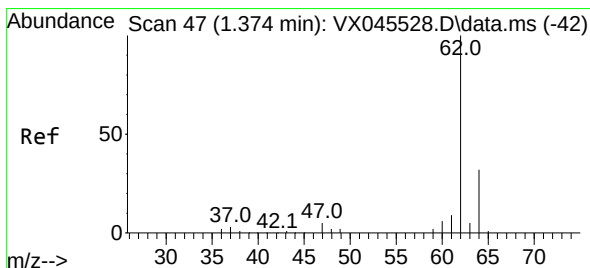
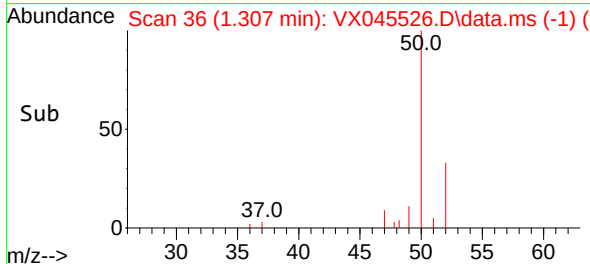
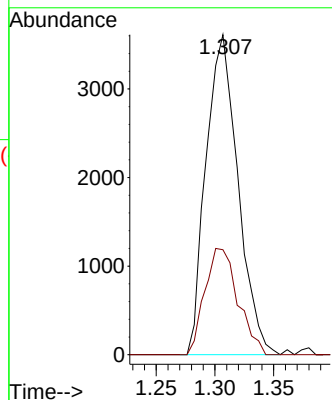
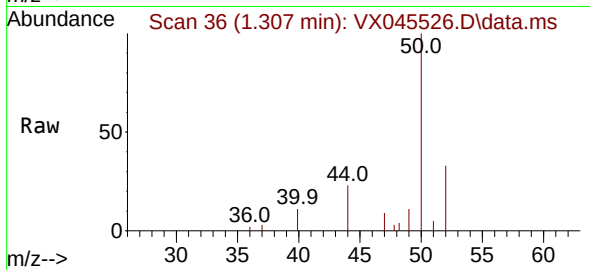
#3
Chloromethane
Concen: 4.779 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 6840
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9

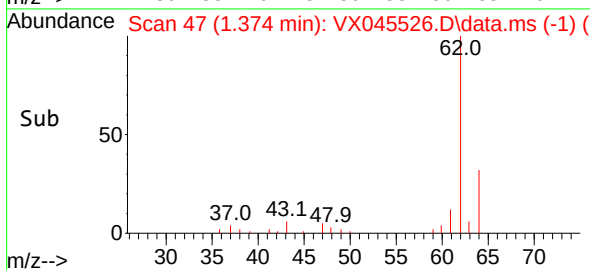
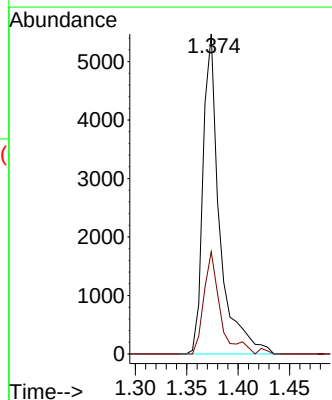
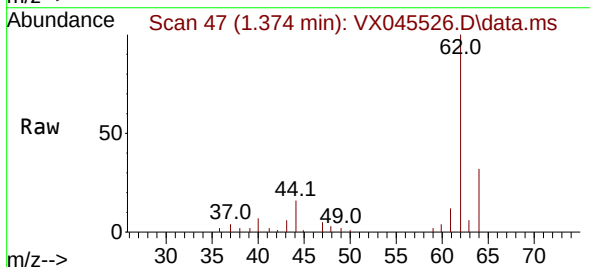
Manual Integrations
APPROVED

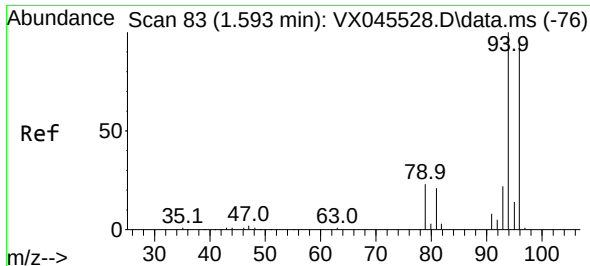
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 4.706 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

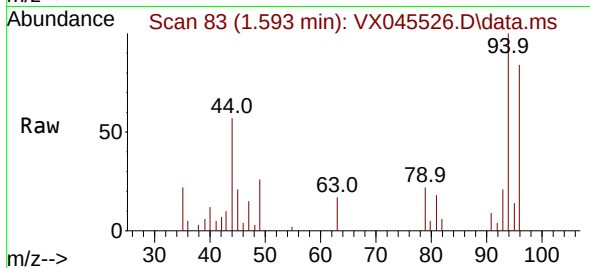
Tgt Ion: 62 Resp: 6169
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





#5
Bromomethane
Concen: 5.124 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

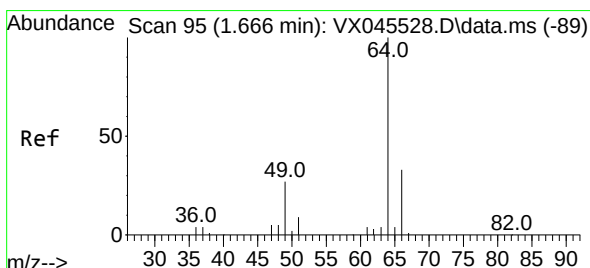
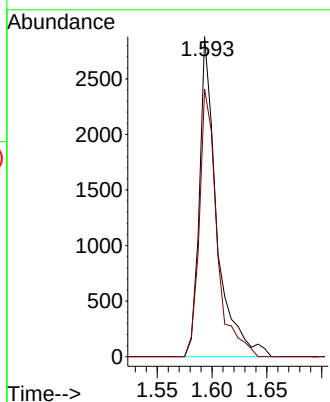
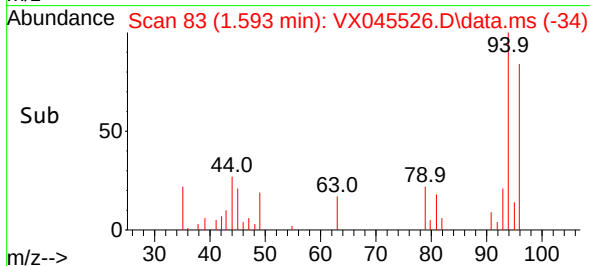
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 318
Ion Ratio Lower Upper
94 100
96 83.6 74.8 112.2

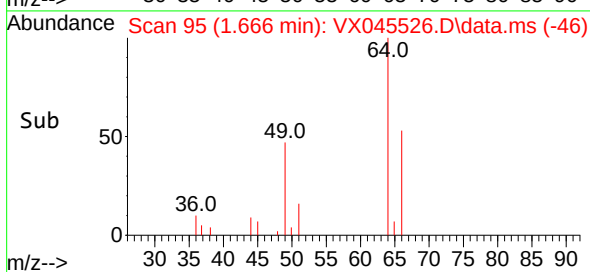
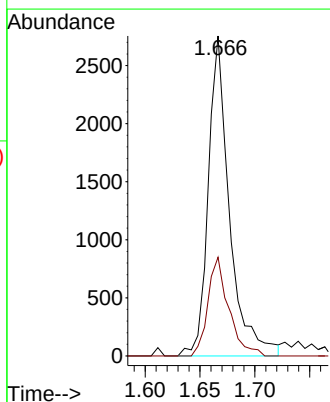
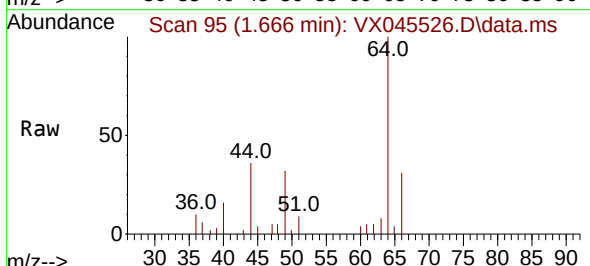
Manual Integrations
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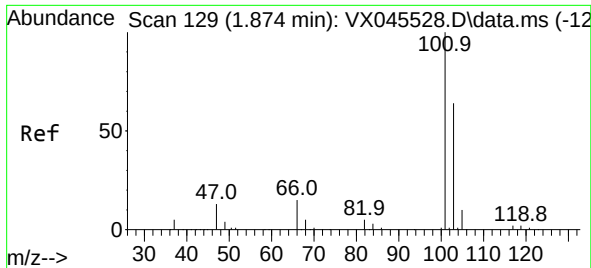
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 5.324 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

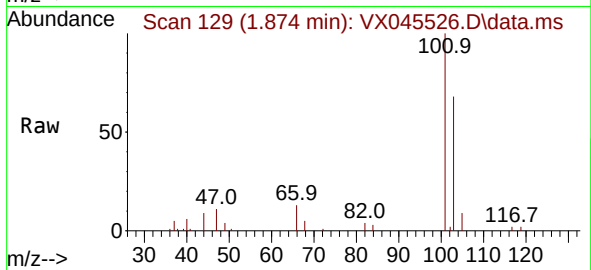
Tgt Ion: 64 Resp: 3703
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 4.766 ug/l
 RT: 1.874 min Scan# 129
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

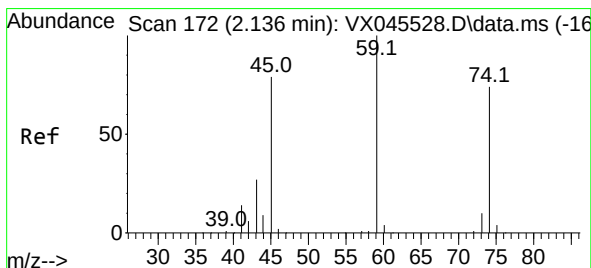
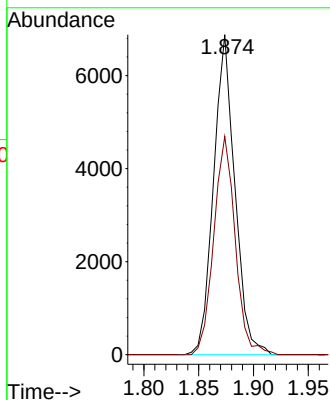
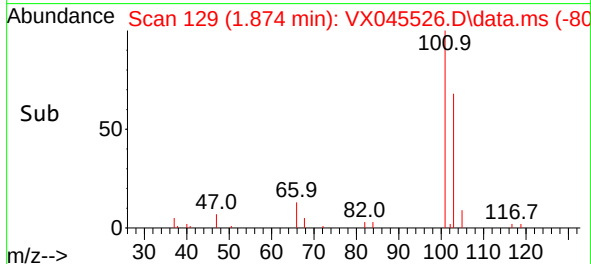
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 9310
 Ion Ratio Lower Upper
 101 100
 103 68.2 51.1 76.7

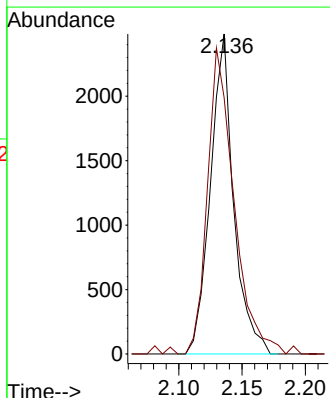
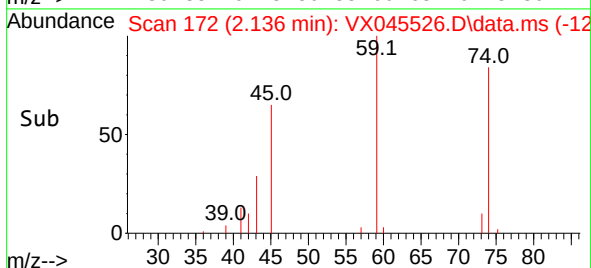
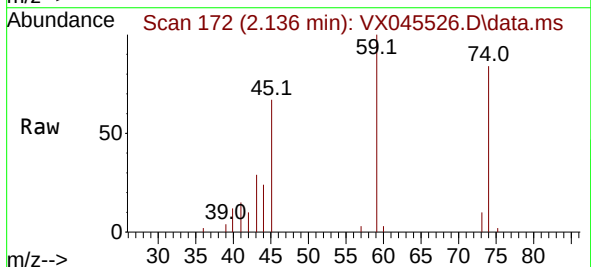
Manual Integrations
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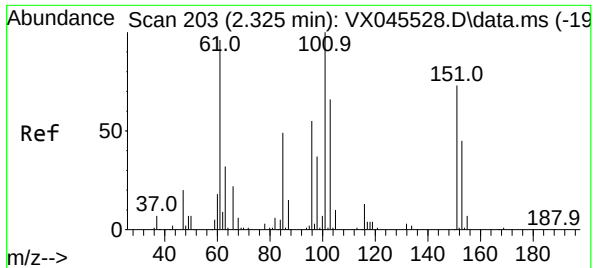
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#8
 Diethyl Ether
 Concen: 4.832 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

Tgt Ion: 74 Resp: 3171
 Ion Ratio Lower Upper
 74 100
 45 110.2 53.0 159.1





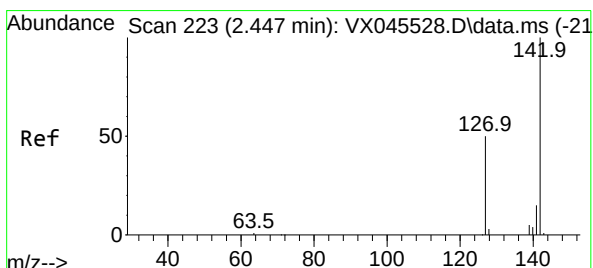
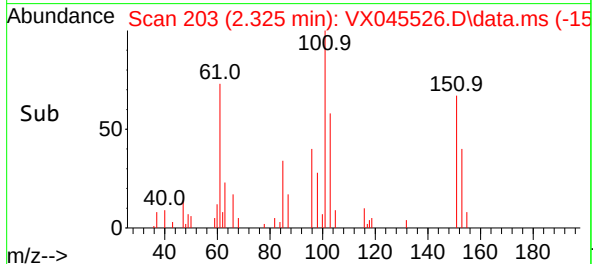
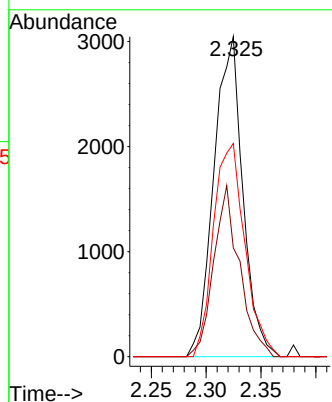
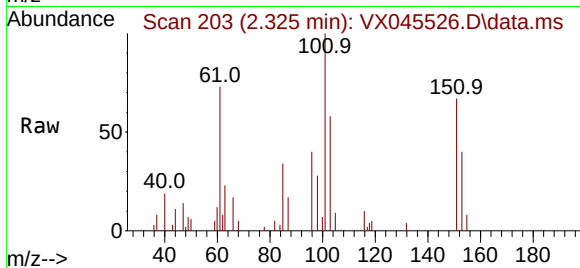
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.879 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 5589
Ion Ratio Lower Upper
101 100
85 47.8 38.9 58.3
151 72.4 57.5 86.3

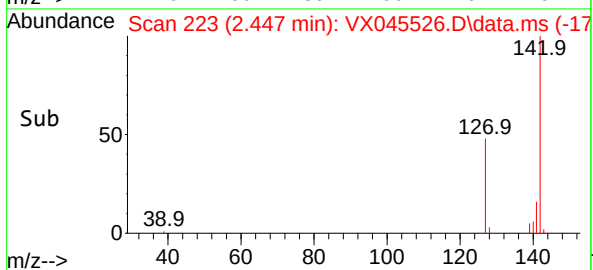
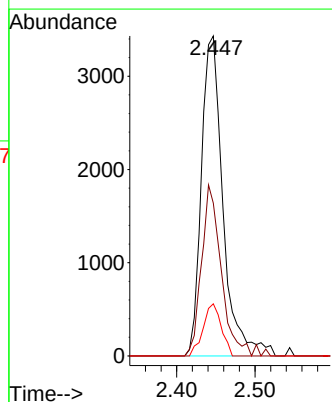
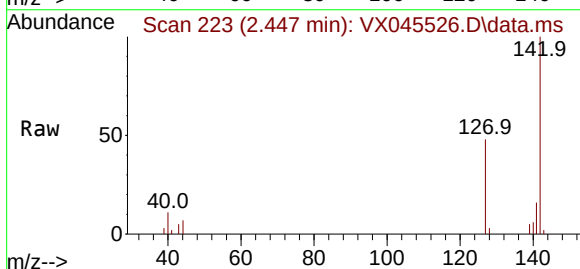
Manual Integrations
APPROVED

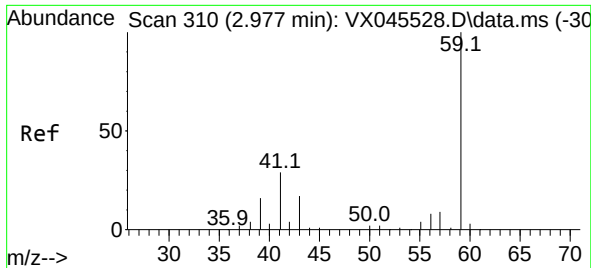
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 4.601 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

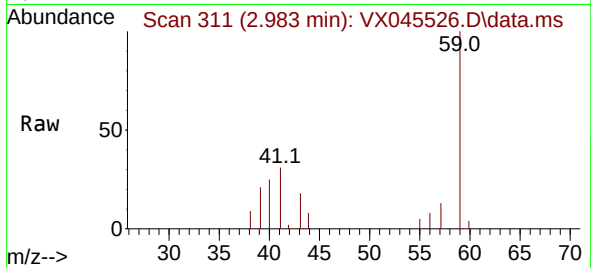
Tgt Ion:142 Resp: 6574
Ion Ratio Lower Upper
142 100
127 48.4 40.2 60.4
141 13.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 22.633 ug/l
RT: 2.983 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

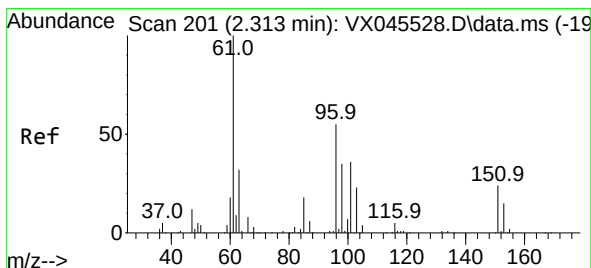
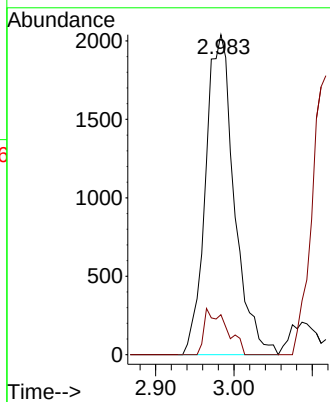
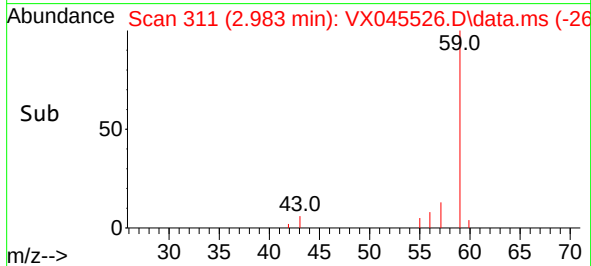
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 59 Resp: 5180
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

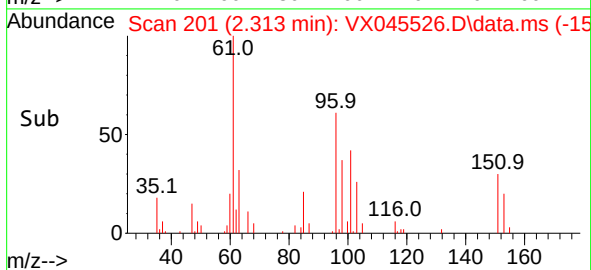
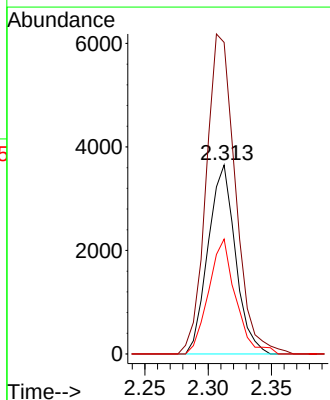
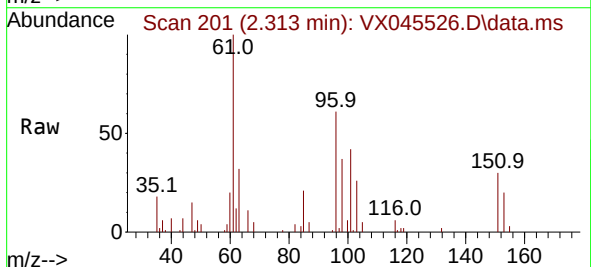
Manual Integrations
APPROVED

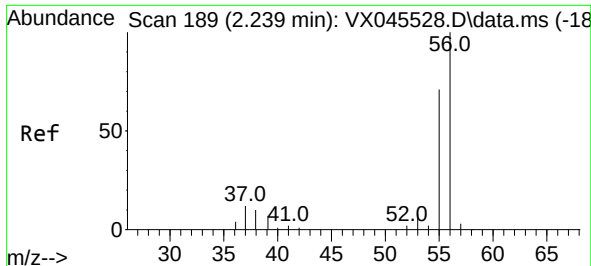
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#12
1,1-Dichloroethene
Concen: 4.901 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

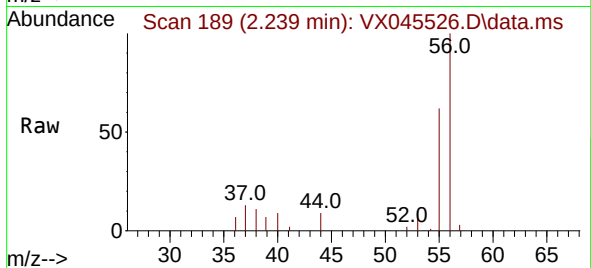
Tgt Ion: 96 Resp: 5485
Ion Ratio Lower Upper
96 100
61 164.9 145.7 218.5
98 60.8 51.6 77.4





#13
Acrolein
Concen: 25.993 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

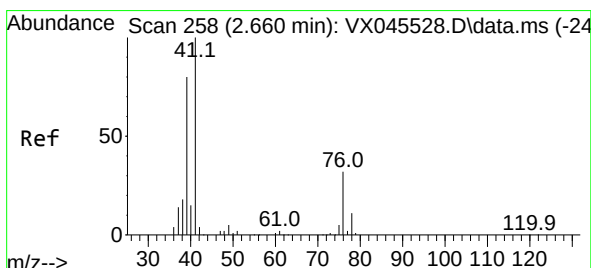
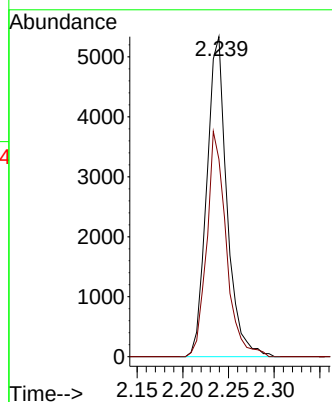
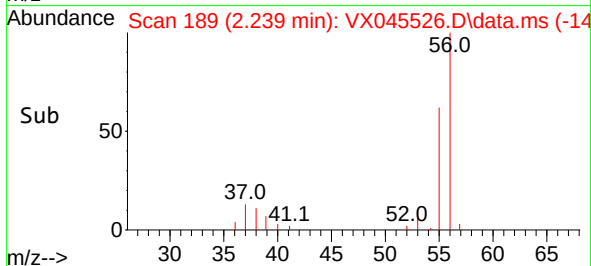
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



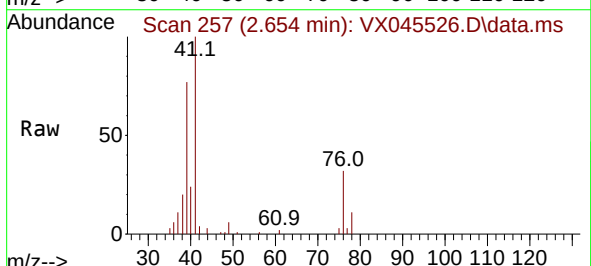
Tgt Ion: 56 Resp: 820
Ion Ratio Lower Upper
56 100
55 67.9 56.2 84.2

Manual Integrations
APPROVED

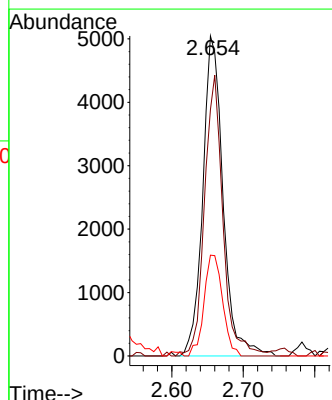
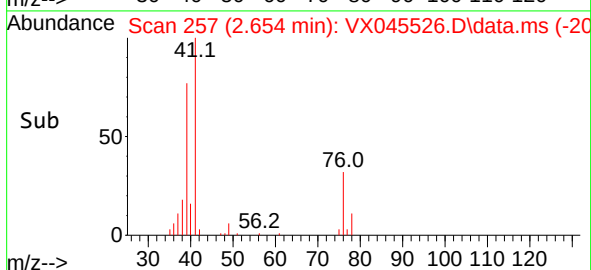
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

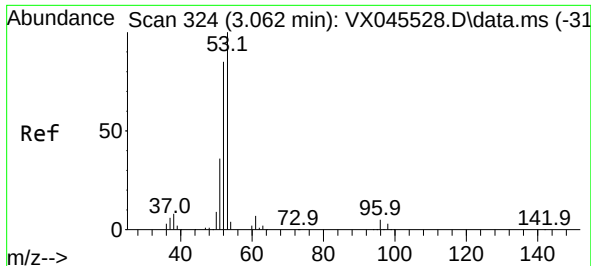


#14
Allyl chloride
Concen: 4.690 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29



Tgt Ion: 41 Resp: 9960
Ion Ratio Lower Upper
41 100
39 79.8 60.2 90.2
76 28.8 24.6 36.8





#15

Acrylonitrile

Concen: 24.624 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

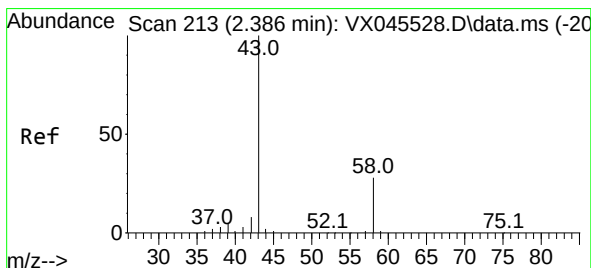
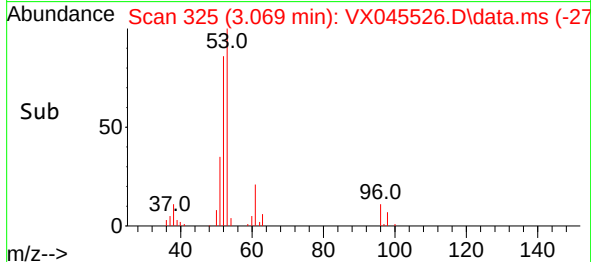
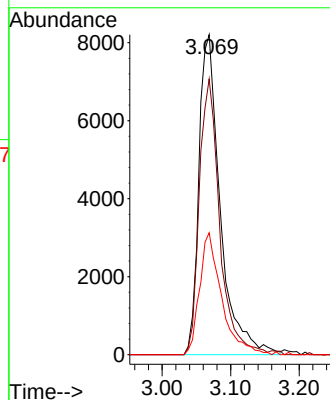
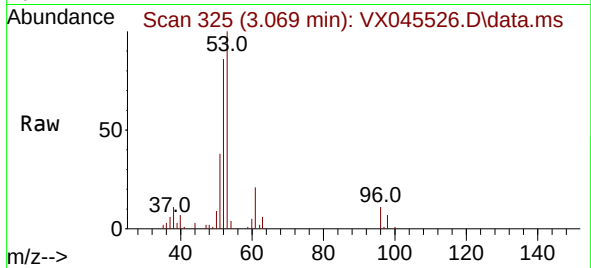
Tgt Ion: 53	Resp: 1781
Ion Ratio	Lower Upper
53 100	
52 82.1	67.4 101.2
51 39.3	29.9 44.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#16

Acetone

Concen: 24.550 ug/l

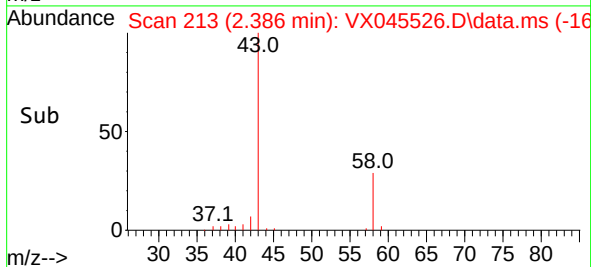
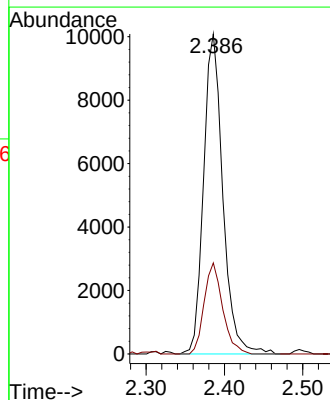
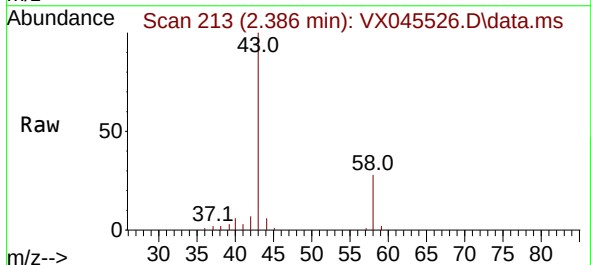
RT: 2.386 min Scan# 213

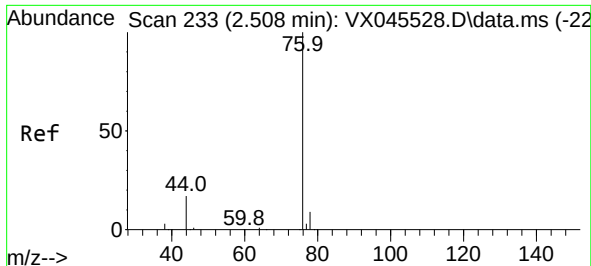
Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion: 43	Resp: 17188
Ion Ratio	Lower Upper
43 100	
58 28.4	22.3 33.5





#17

Carbon Disulfide

Concen: 4.477 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 12370

Ion Ratio Lower Upper

76 100

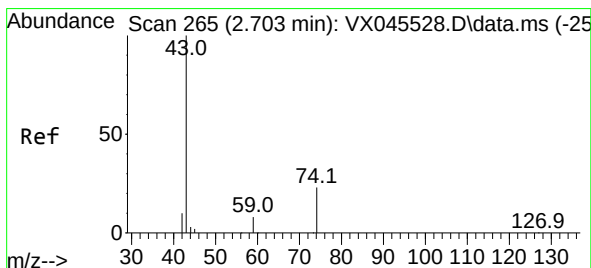
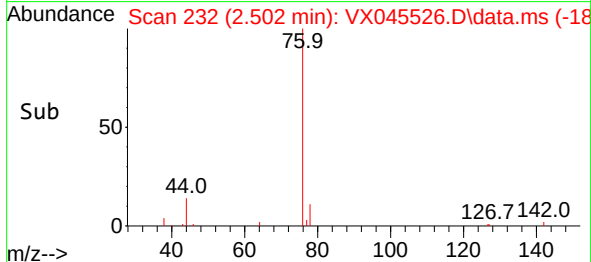
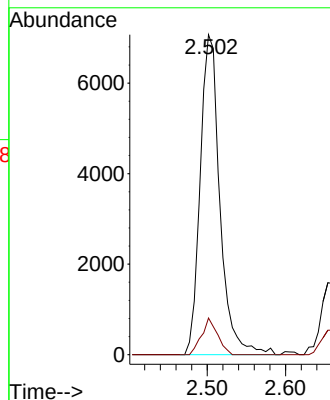
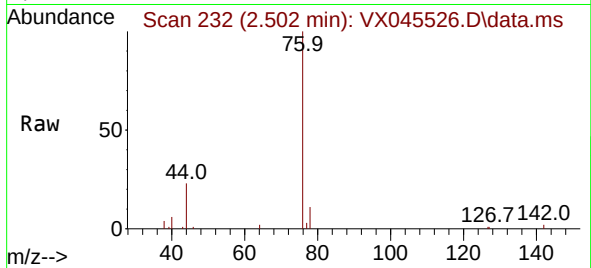
78 11.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#18

Methyl Acetate

Concen: 4.989 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045526.D

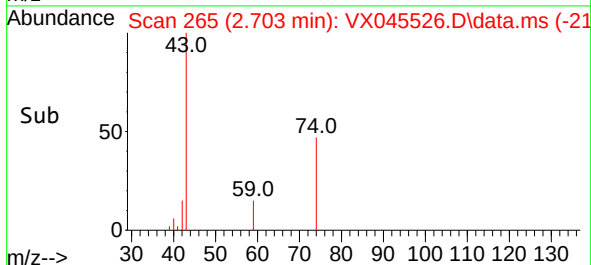
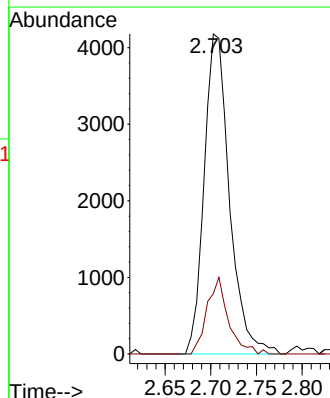
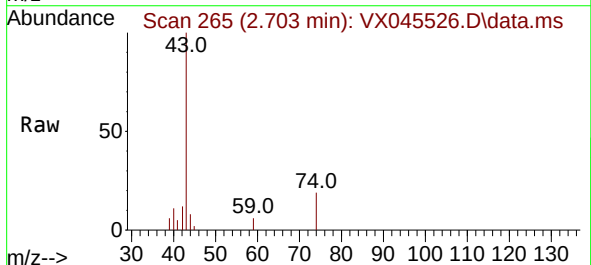
Acq: 01 Apr 2025 17:29

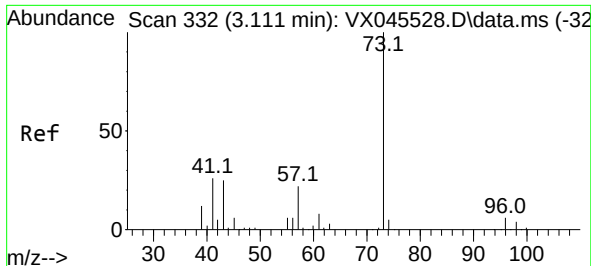
Tgt Ion: 43 Resp: 8042

Ion Ratio Lower Upper

43 100

74 20.2 17.5 26.3





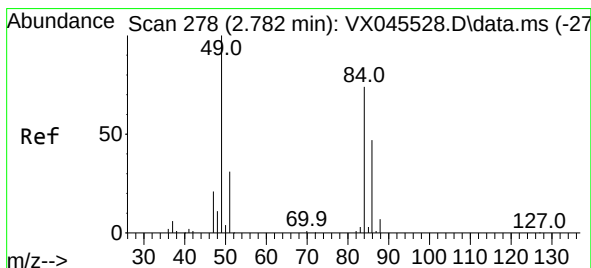
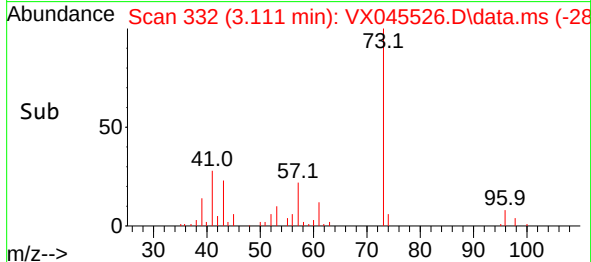
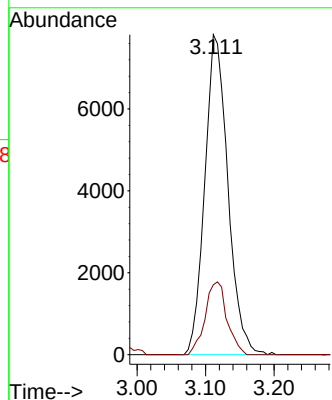
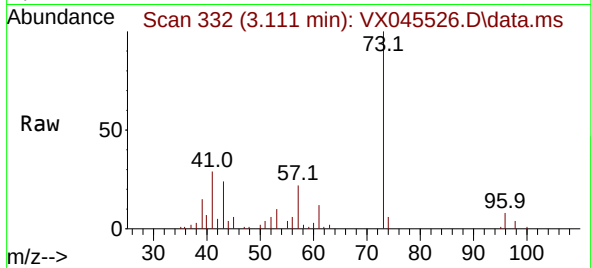
#19
Methyl tert-butyl Ether
Concen: 4.677 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 18314
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

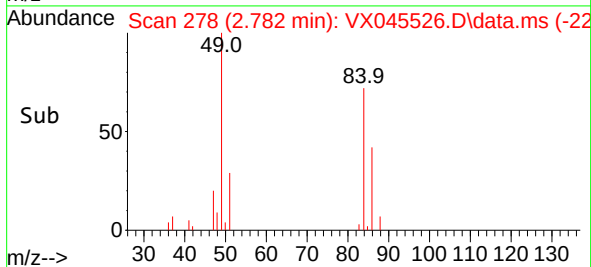
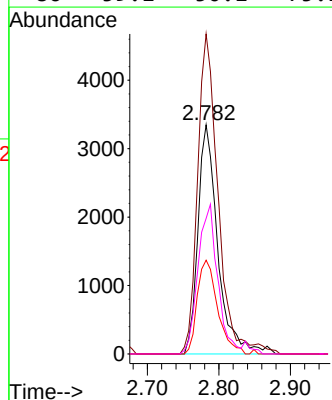
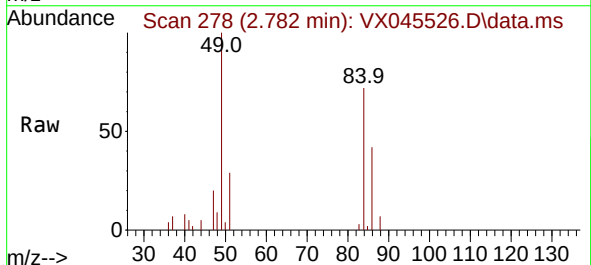
Manual Integrations
APPROVED

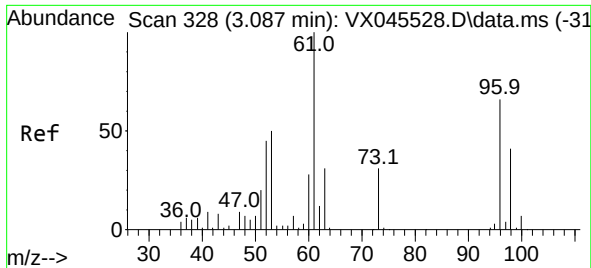
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#20
Methylene Chloride
Concen: 4.945 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

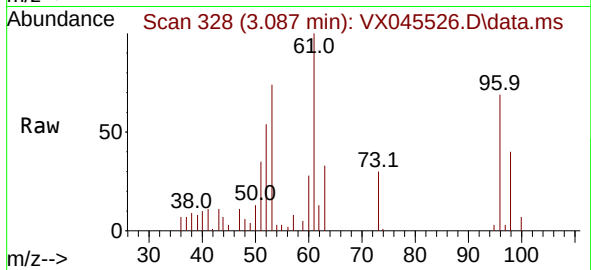
Tgt Ion: 84 Resp: 6481
Ion Ratio Lower Upper
84 100
49 139.6 107.5 161.3
51 40.9 33.0 49.6
86 59.1 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 4.840 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

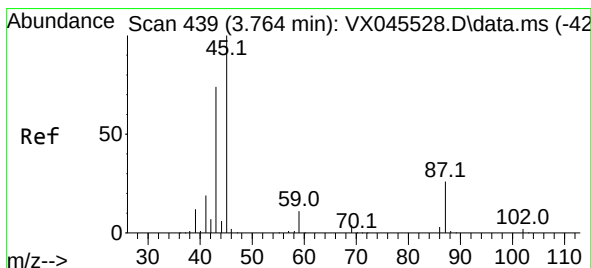
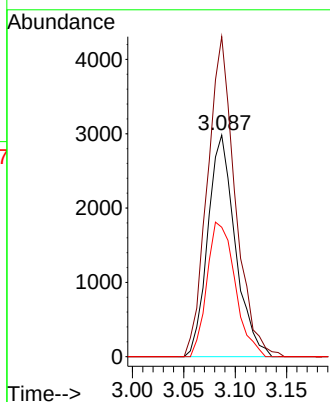
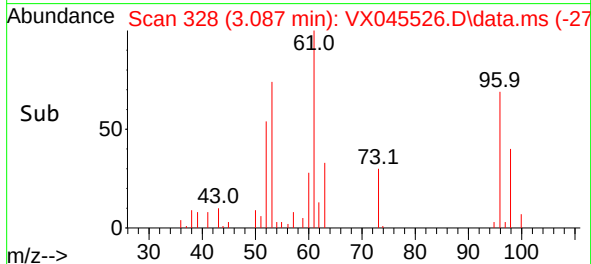
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



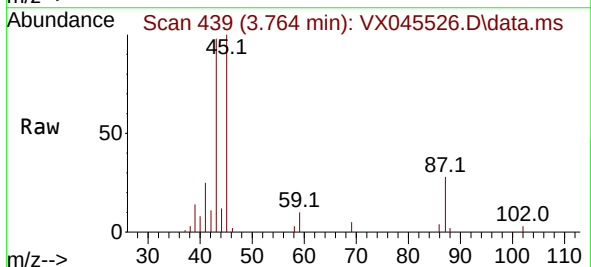
Tgt Ion: 96 Resp: 5534
Ion Ratio Lower Upper
96 100
61 144.4 121.0 181.6
98 58.5 49.7 74.5

Manual Integrations
APPROVED

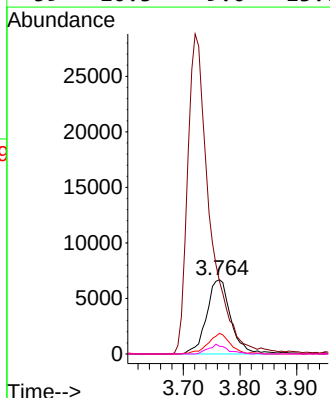
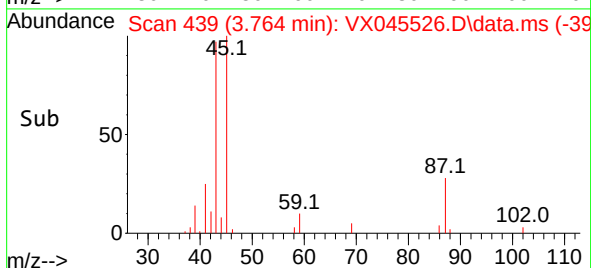
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

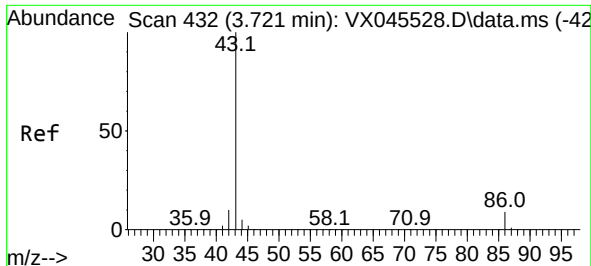


#22
Diisopropyl ether
Concen: 4.725 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29



Tgt Ion: 45 Resp: 19765
Ion Ratio Lower Upper
45 100
43 94.7 59.3 88.9#
87 27.8 20.4 30.6
59 10.3 9.0 13.6





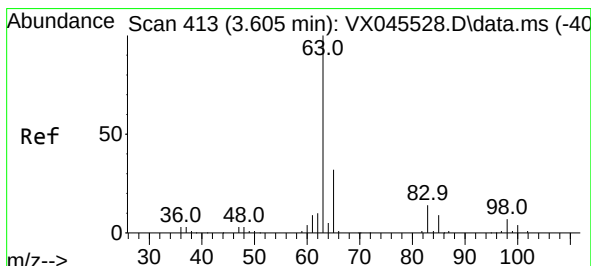
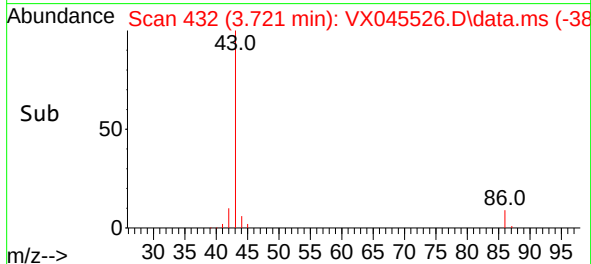
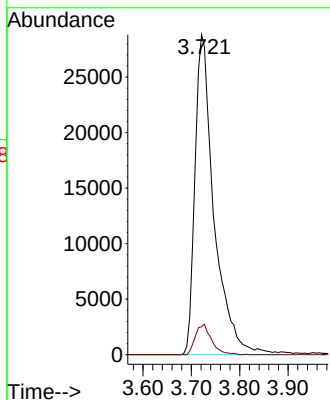
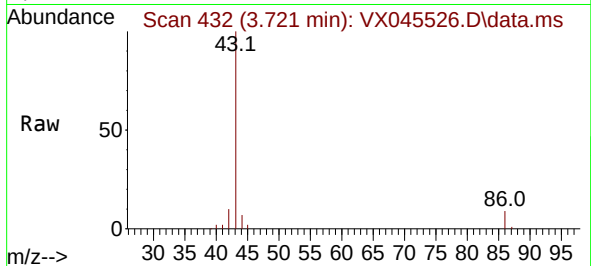
#23
 Vinyl Acetate
 Concen: 21.831 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 7890
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.5 11.3

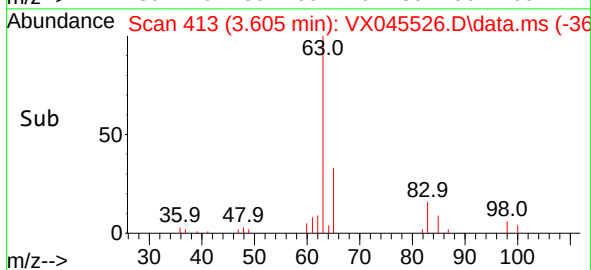
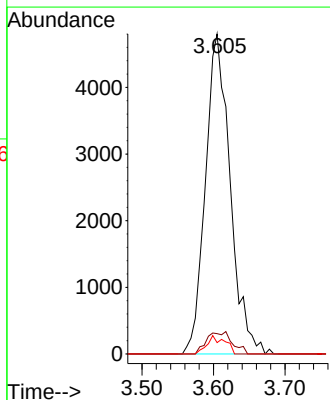
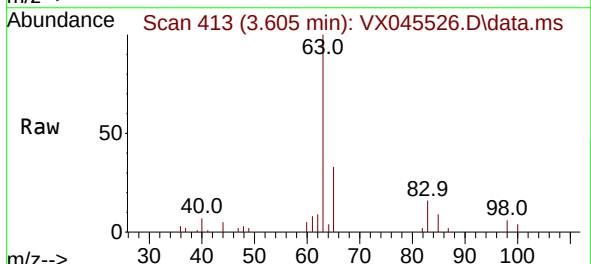
Manual Integrations
 APPROVED

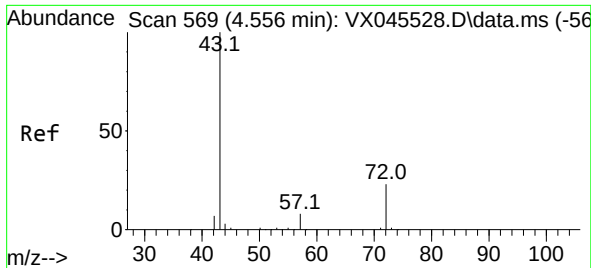
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#24
 1,1-Dichloroethane
 Concen: 4.887 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

Tgt Ion: 63 Resp: 11562
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 3.6 2.2 6.6





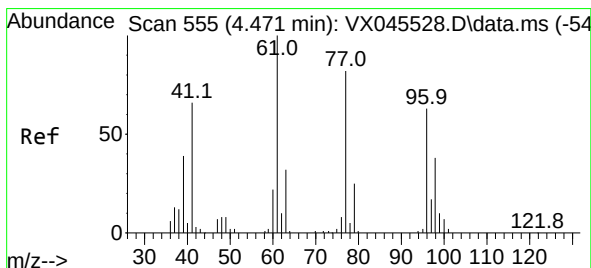
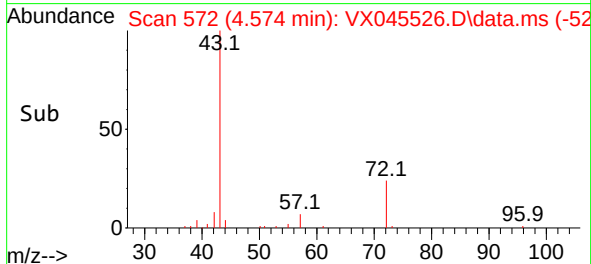
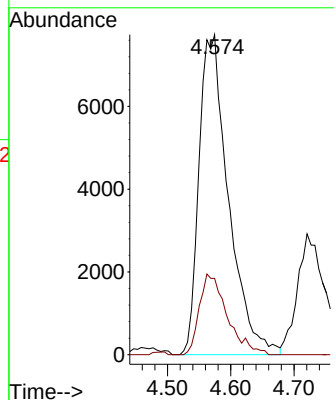
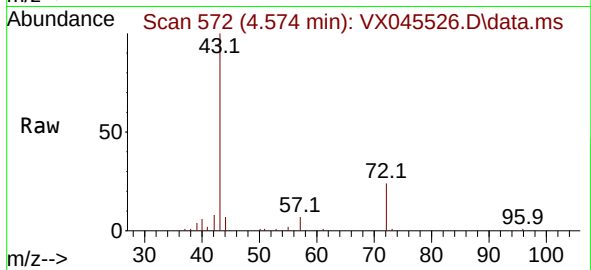
#25
2-Butanone
Concen: 24.419 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 25020
Ion Ratio Lower Upper
43 100
72 23.8 18.6 28.0

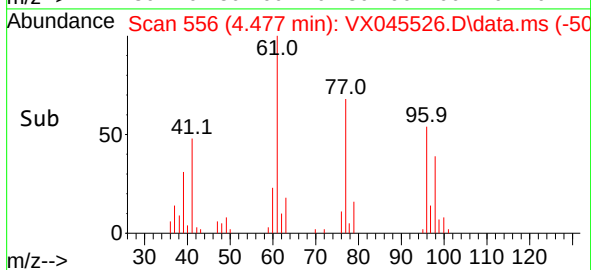
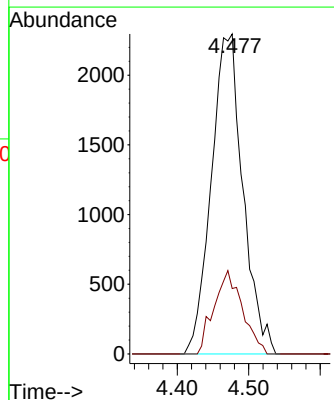
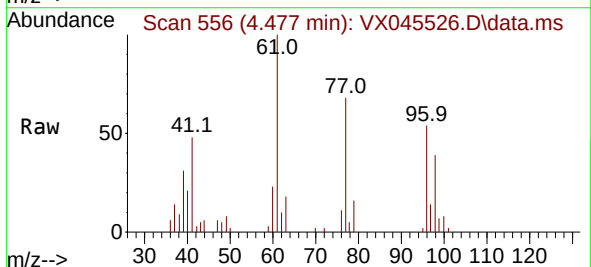
Manual Integrations
APPROVED

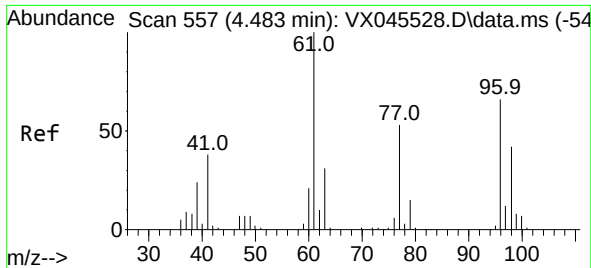
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 4.615 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 77 Resp: 7054
Ion Ratio Lower Upper
77 100
97 23.4 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 4.655 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 648

Ion Ratio Lower Upper

96 100

61 162.4 0.0 313.2

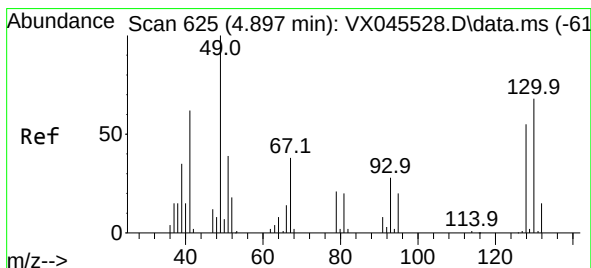
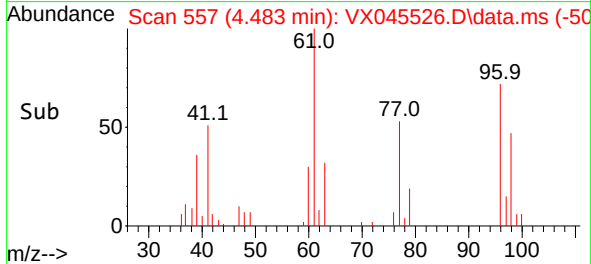
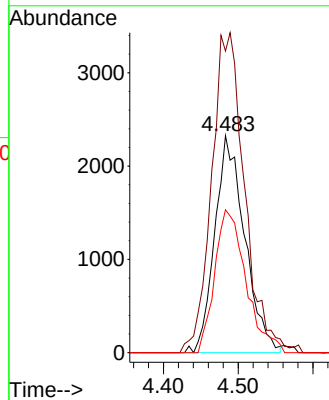
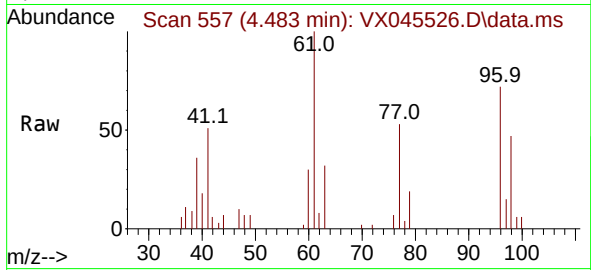
98 68.5 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 4.956 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

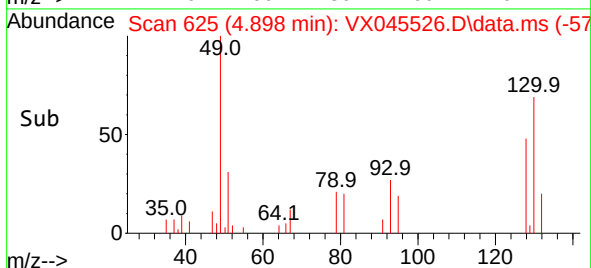
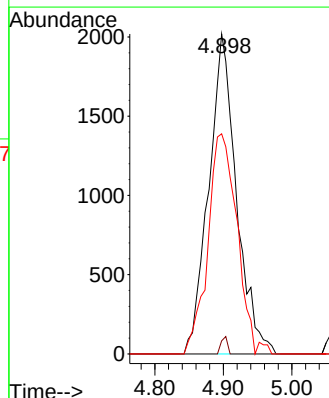
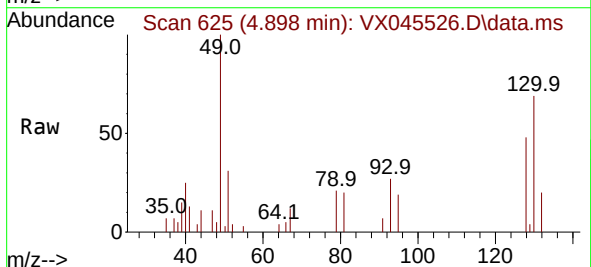
Tgt Ion: 49 Resp: 5666

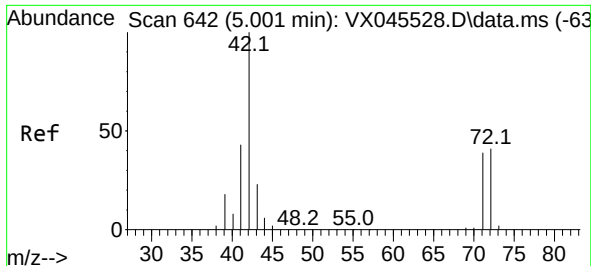
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

130 72.2 54.6 81.8





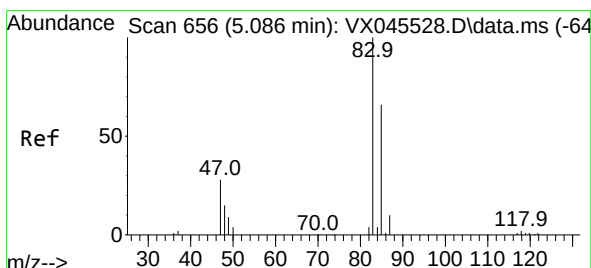
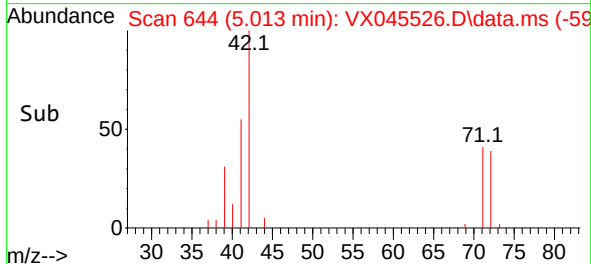
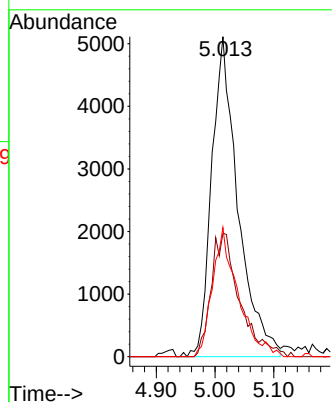
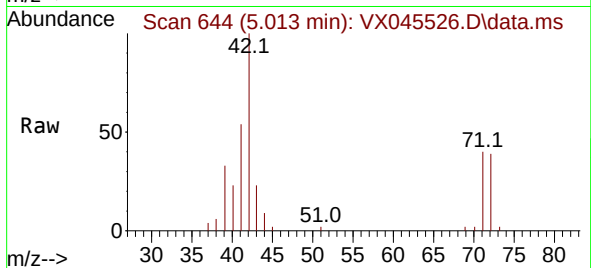
#29
Tetrahydrofuran
Concen: 23.950 ug/l
RT: 5.013 min Scan# 642
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 1591
Ion Ratio Lower Upper
42 100
72 41.9 33.4 50.0
71 39.2 31.4 47.0

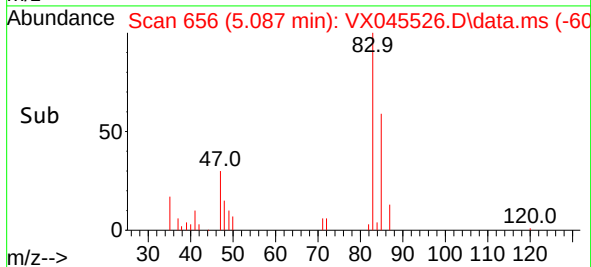
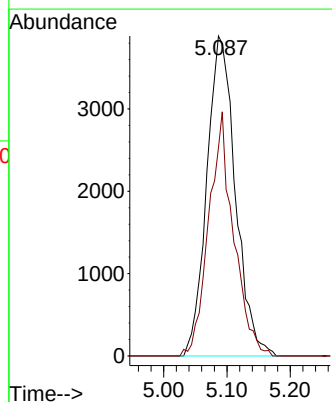
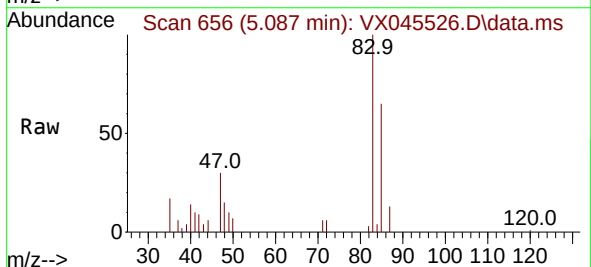
Manual Integrations
APPROVED

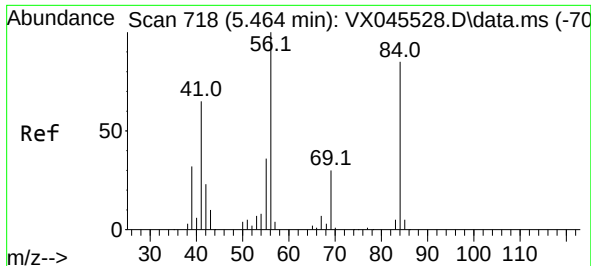
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#30
Chloroform
Concen: 5.012 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 83 Resp: 12200
Ion Ratio Lower Upper
83 100
85 65.0 52.8 79.2





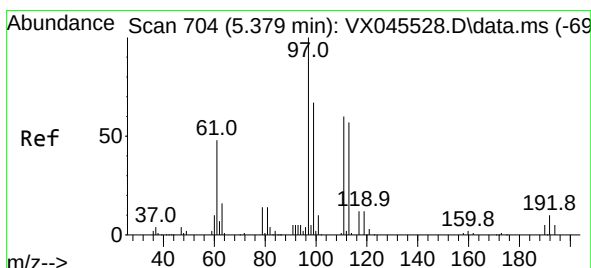
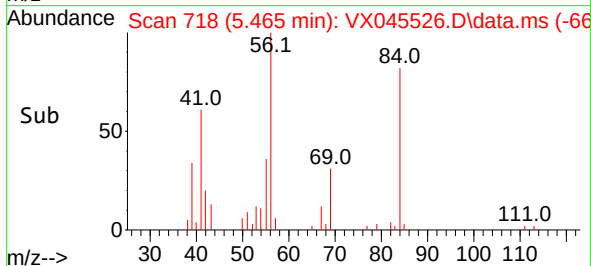
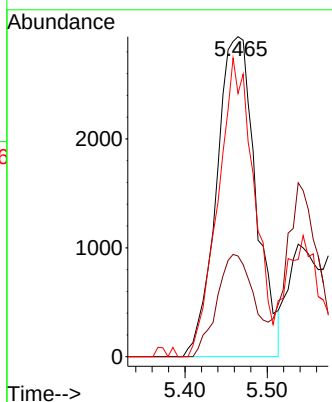
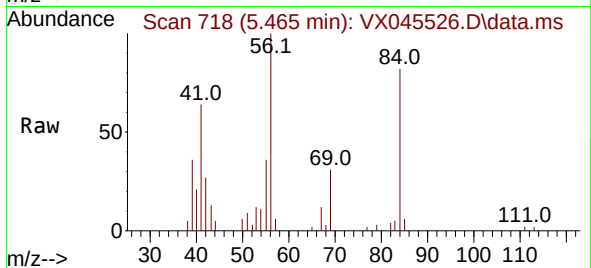
#31
Cyclohexane
Concen: 4.653 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 973
Ion Ratio Lower Upper
56 100
69 31.5 23.6 35.4
84 82.2 67.7 101.5

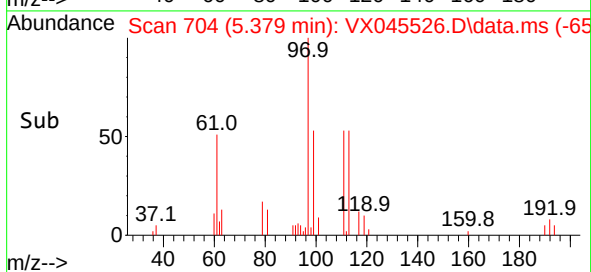
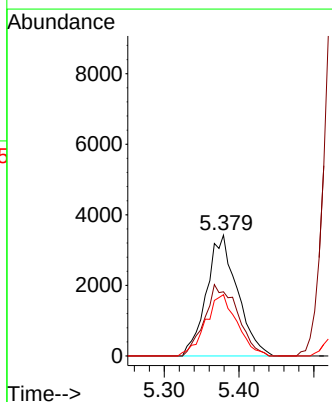
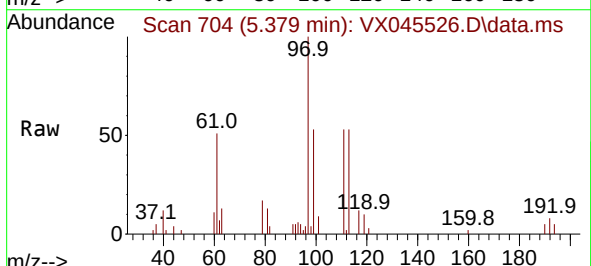
Manual Integrations
APPROVED

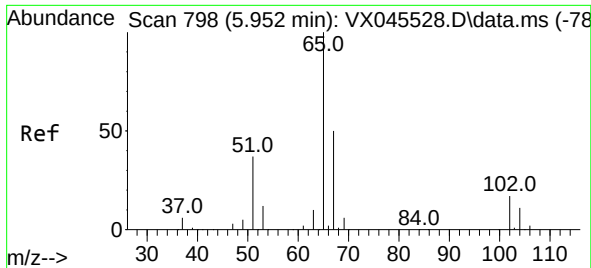
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#32
1,1,1-Trichloroethane
Concen: 4.763 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 97 Resp: 9811
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 52.0 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 5.260 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 896

Ion Ratio Lower Upper

65 100

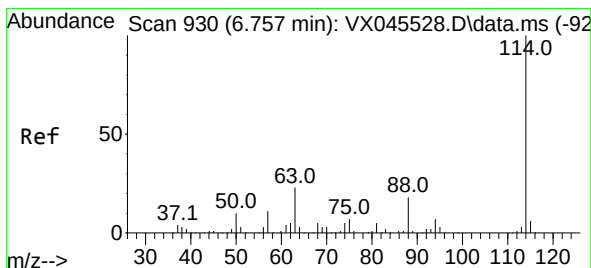
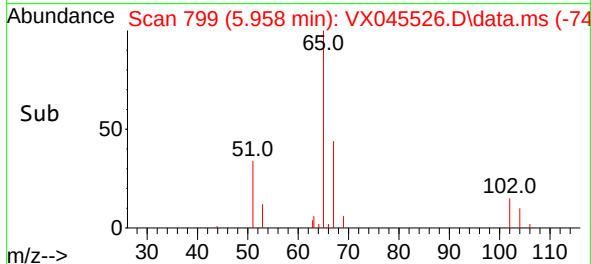
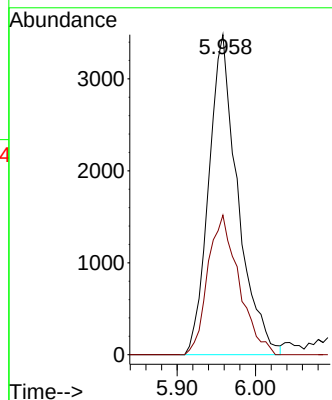
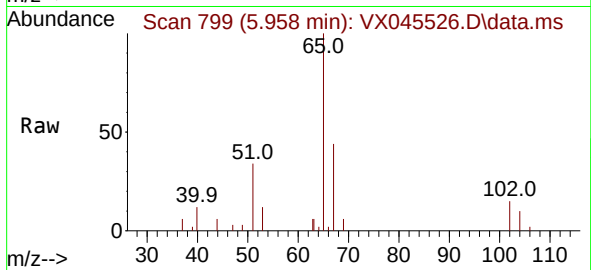
67 46.7 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

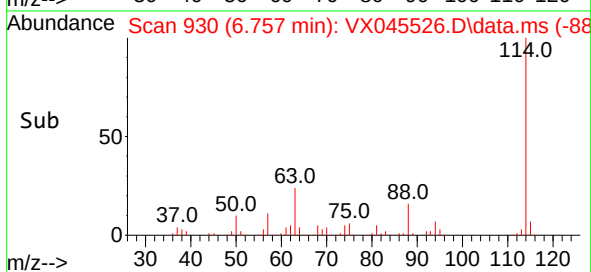
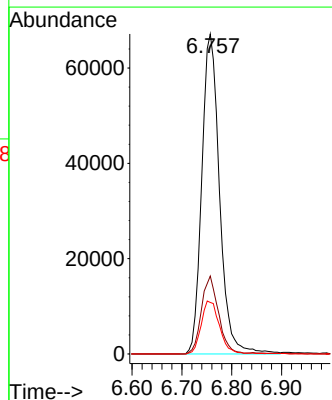
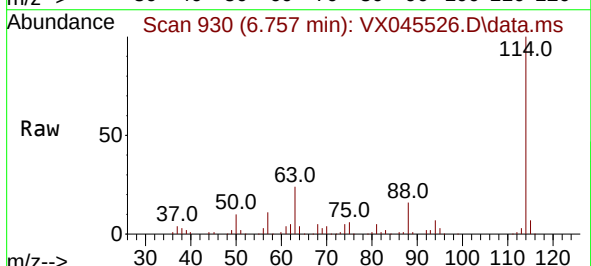
Tgt Ion:114 Resp: 166137

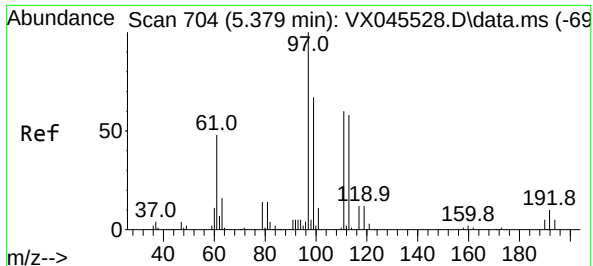
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

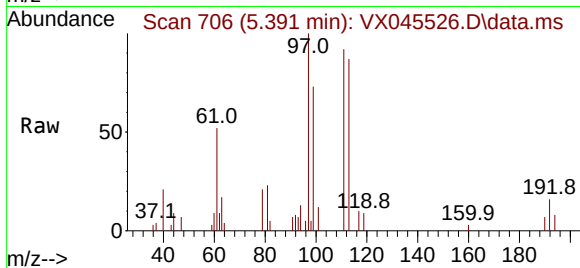
88 16.1 0.0 35.4





#35
Dibromofluoromethane
Concen: 5.244 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

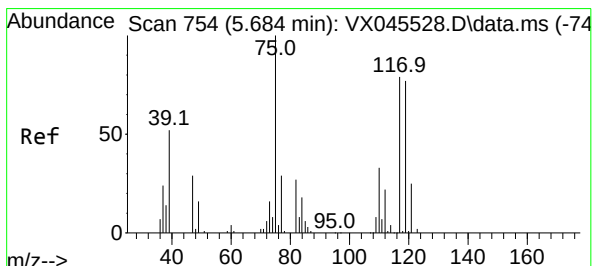
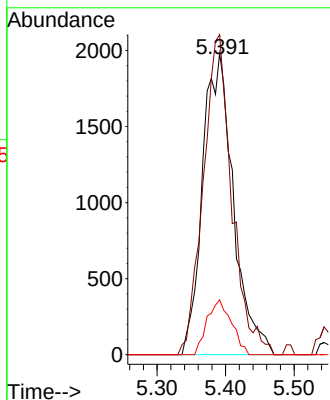
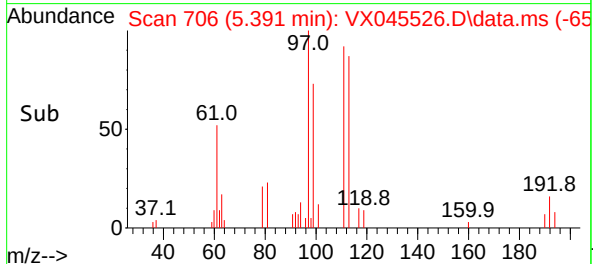
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 618
Ion Ratio Lower Upper
113 100
111 98.8 81.8 122.6
192 14.4 13.8 20.6

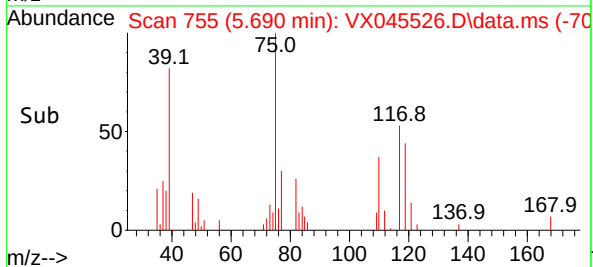
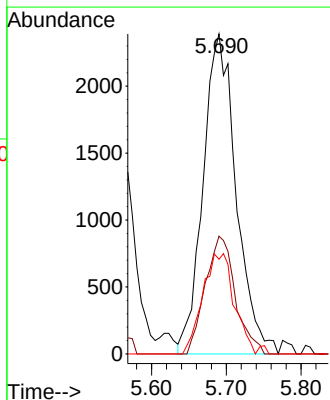
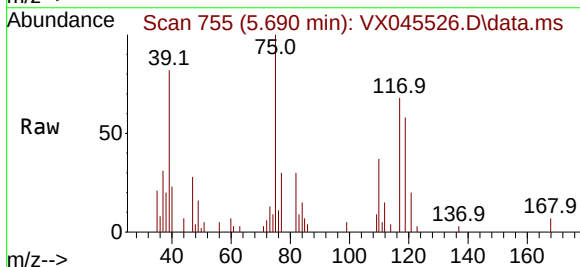
Manual Integrations
APPROVED

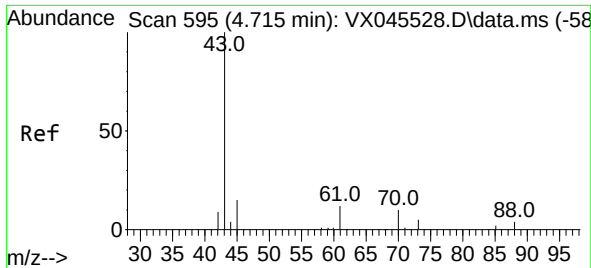
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#36
1,1-Dichloropropene
Concen: 4.621 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 75 Resp: 7354
Ion Ratio Lower Upper
75 100
110 33.3 16.9 50.6
77 29.8 25.0 37.4





#37

Ethyl Acetate

Concen: 4.679 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

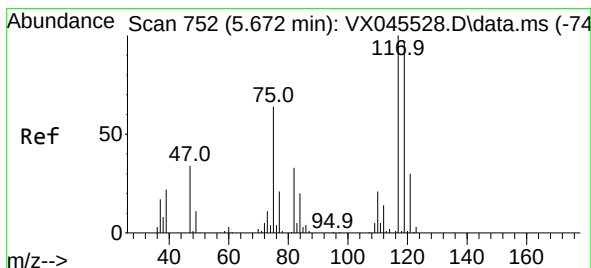
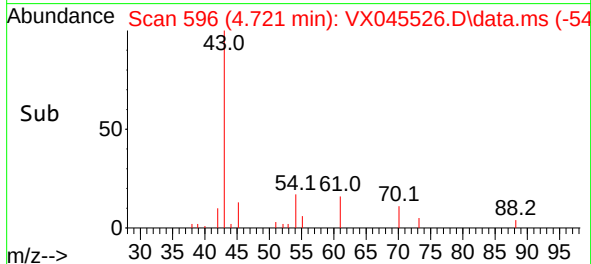
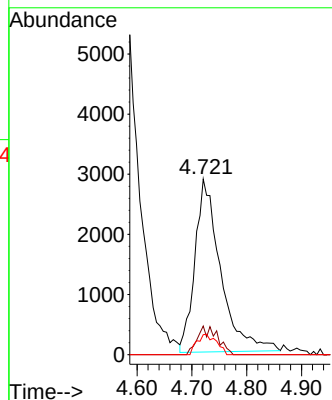
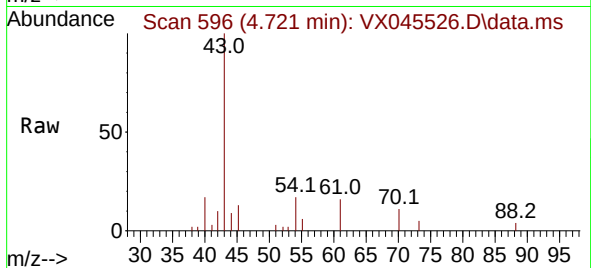
Tgt Ion:	43	Resp:	9384
Ion	Ratio	Lower	Upper
43	100		
61	6.3	9.9	14.9
70	8.9	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#38

Carbon Tetrachloride

Concen: 4.804 ug/l

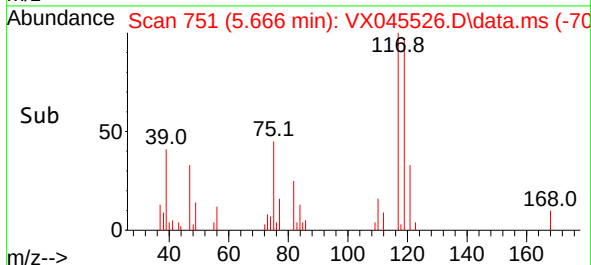
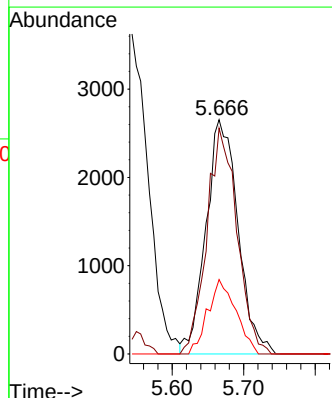
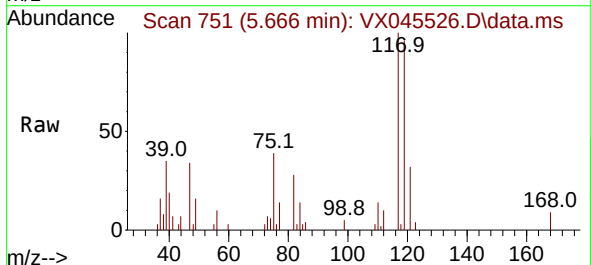
RT: 5.666 min Scan# 751

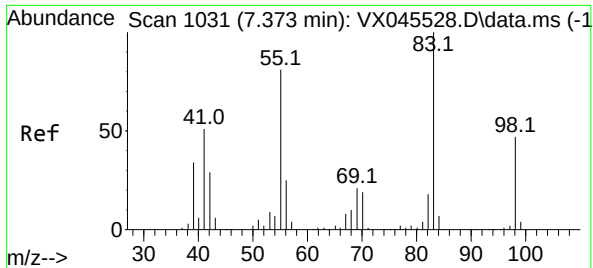
Delta R.T. -0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:	117	Resp:	8264
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
121	31.7	24.2	36.2





#39
Methylcyclohexane
Concen: 4.489 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

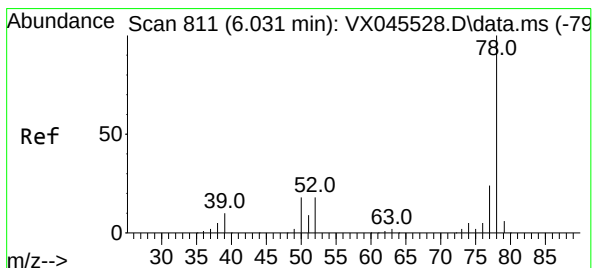
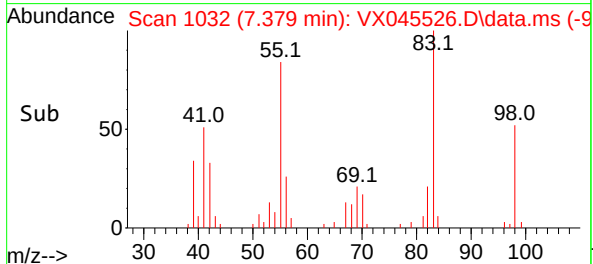
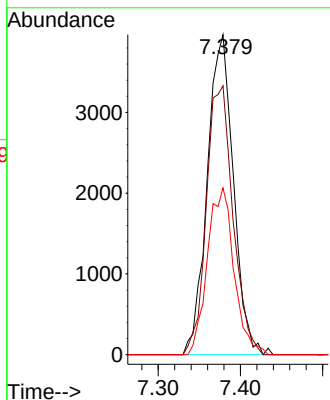
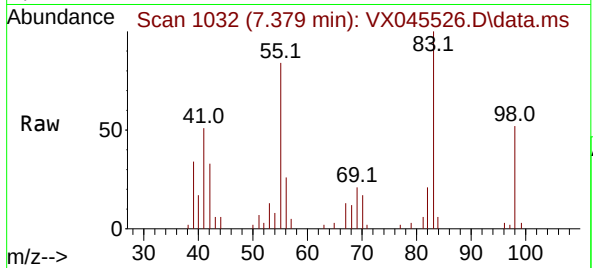
Tgt Ion: 83 Resp: 875
Ion Ratio Lower Upper
83 100
55 84.0 64.9 97.3
98 52.1 37.4 56.0

Manual Integrations

APPROVED

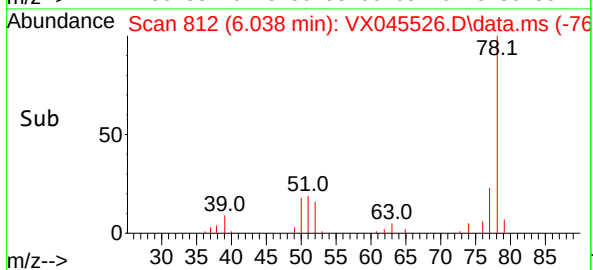
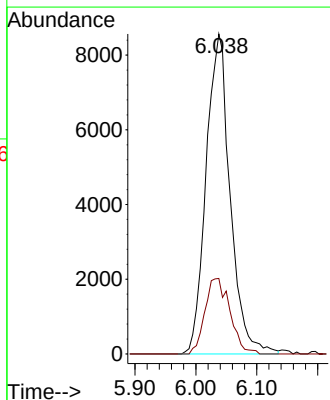
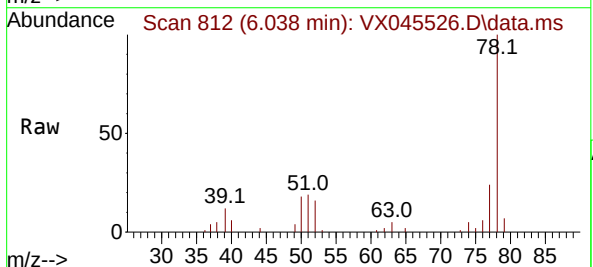
Reviewed By :Amit Patel 04/02/2025

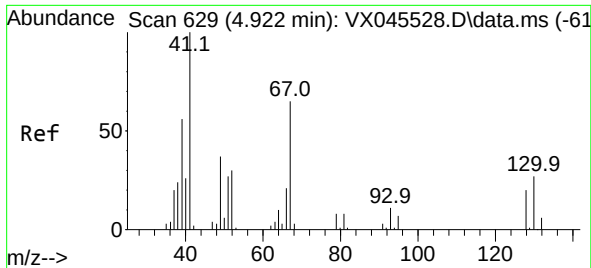
Supervised By :Mahesh Dadoda 04/02/2025



#40
Benzene
Concen: 4.839 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

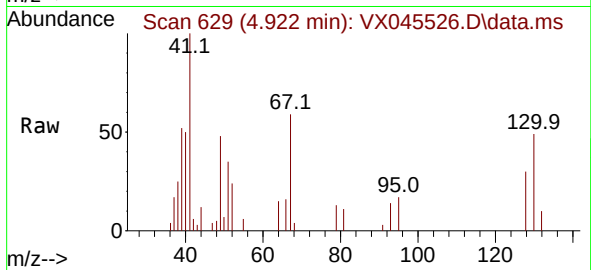
Tgt Ion: 78 Resp: 23522
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 4.302 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

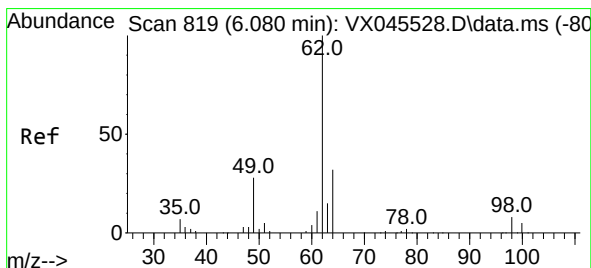
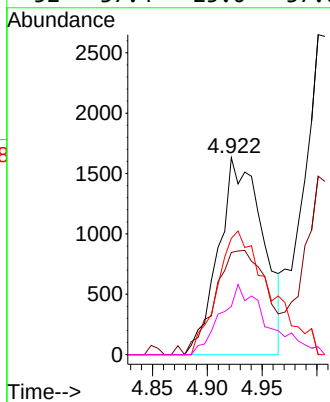
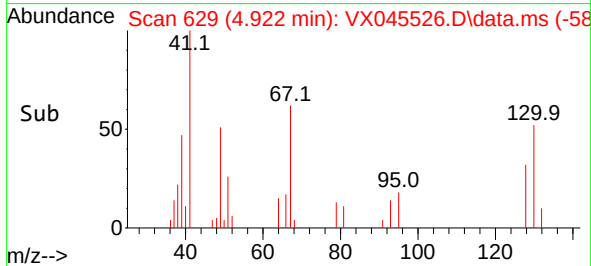
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:	41	Resp:	459
Ion	Ratio	Lower	Upper
41	100		
39	61.4	47.0	70.6
67	75.2	53.2	79.8
52	37.4	25.0	37.6

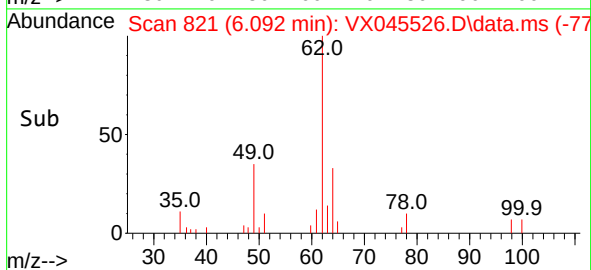
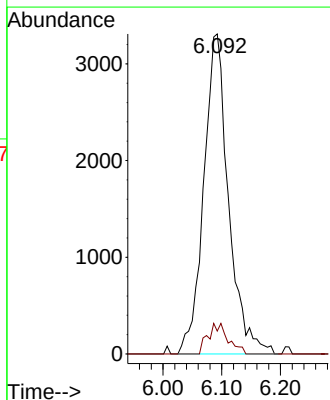
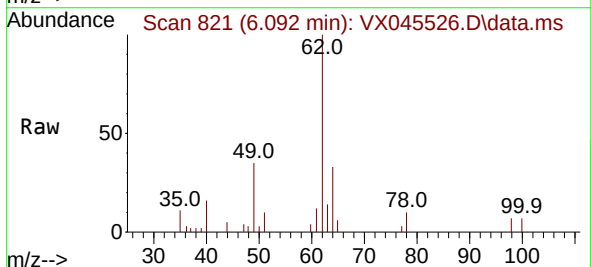
Manual Integrations
APPROVED

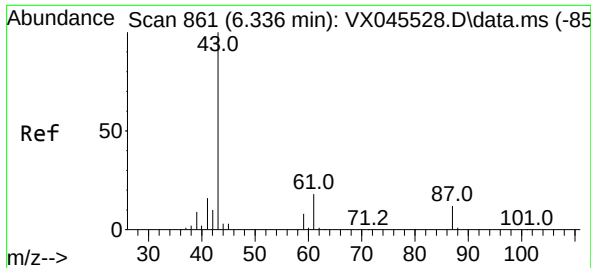
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#42
1,2-Dichloroethane
Concen: 4.838 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

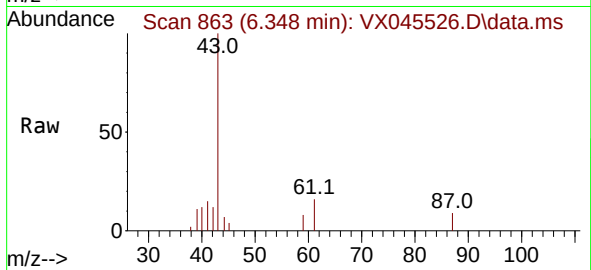
Tgt Ion:	62	Resp:	9713
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.2





#43
Isopropyl Acetate
Concen: 4.541 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

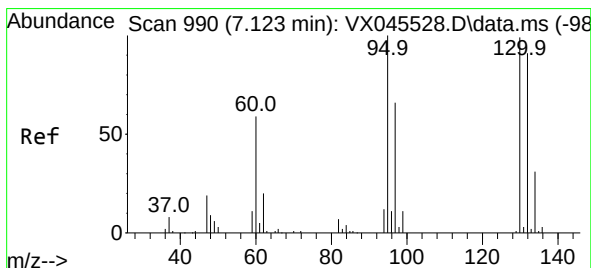
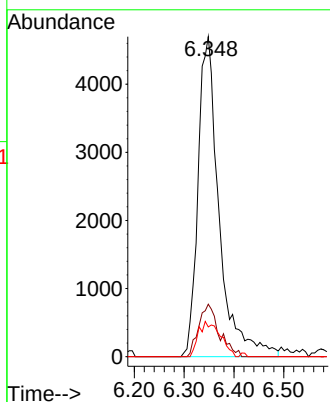
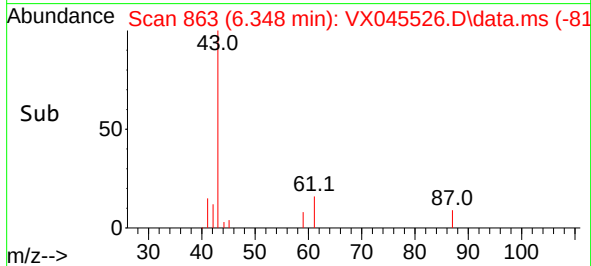
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
61 15.8 14.1 21.1
87 11.3 9.2 13.8

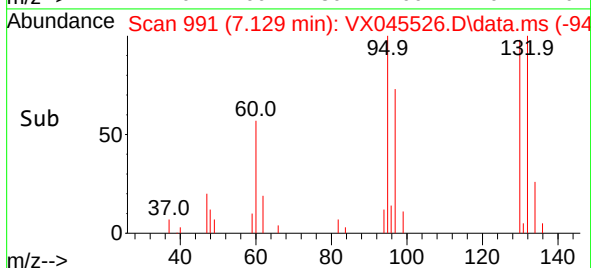
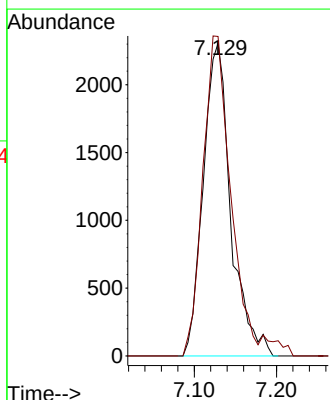
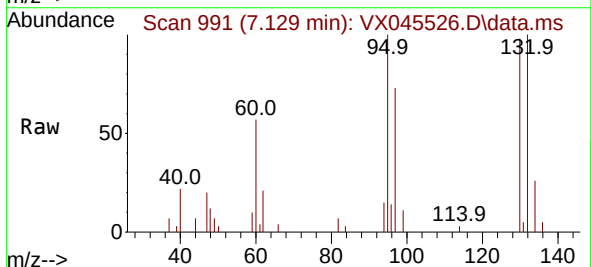
Manual Integrations
APPROVED

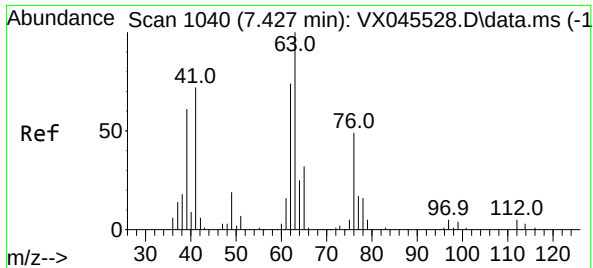
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#44
Trichloroethene
Concen: 4.635 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:130 Resp: 5355
Ion Ratio Lower Upper
130 100
95 102.2 0.0 202.0





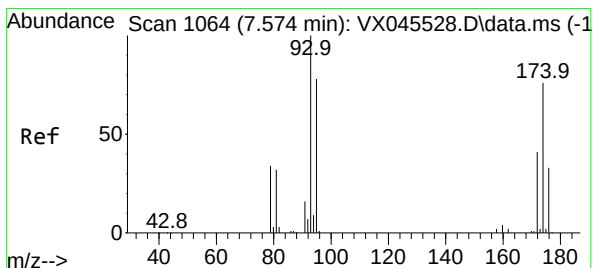
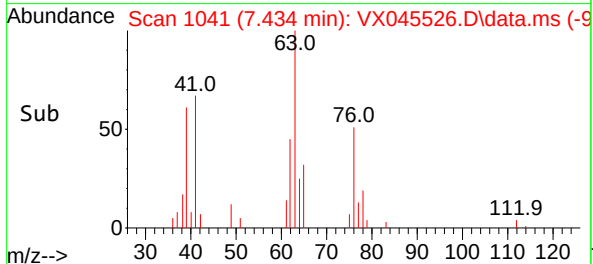
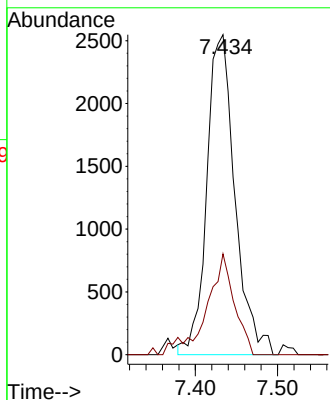
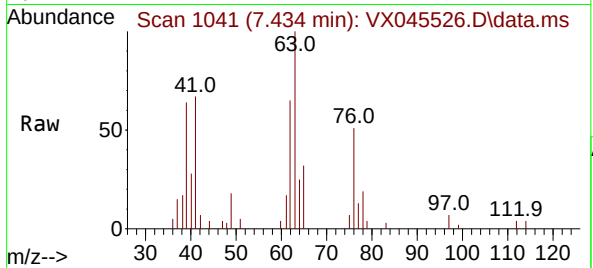
#45
1,2-Dichloropropane
Concen: 4.997 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 6060
Ion Ratio Lower Upper
63 100
65 31.5 25.8 38.6

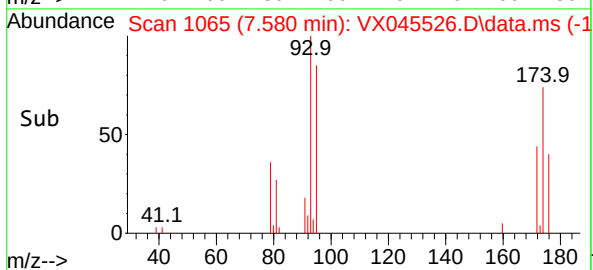
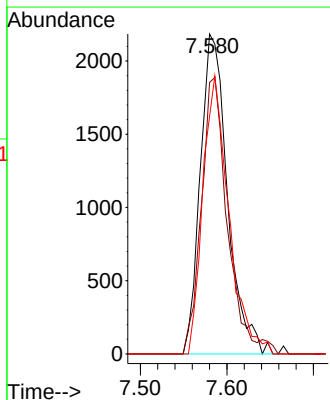
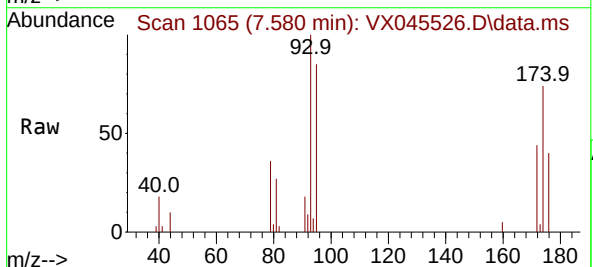
Manual Integrations
APPROVED

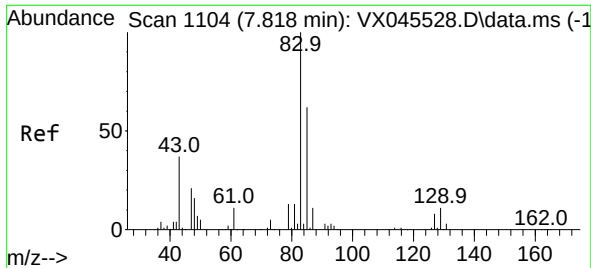
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#46
Dibromomethane
Concen: 5.120 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

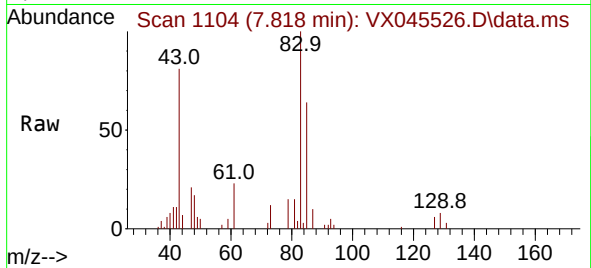
Tgt Ion: 93 Resp: 4767
Ion Ratio Lower Upper
93 100
95 81.0 64.8 97.2
174 83.1 65.4 98.0





#47
Bromodichloromethane
Concen: 4.636 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

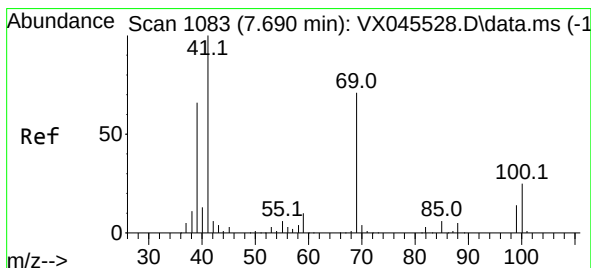
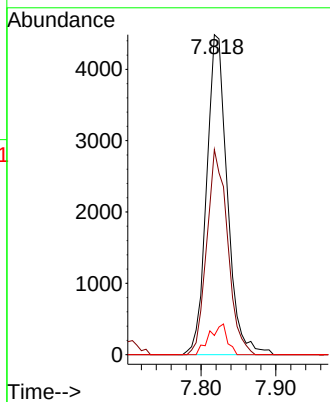
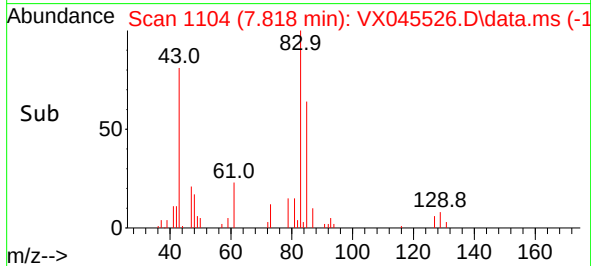
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



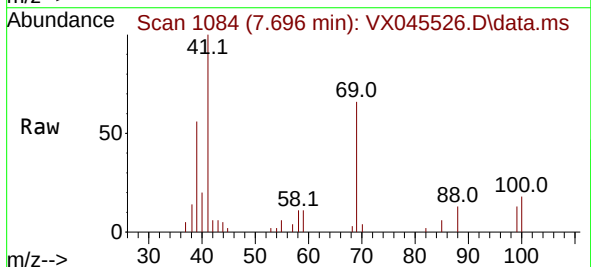
Tgt Ion: 83 Resp: 8619
Ion Ratio Lower Upper
83 100
85 64.1 49.7 74.5
127 6.0 6.1 9.1

Manual Integrations
APPROVED

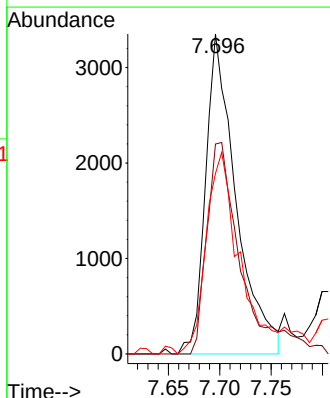
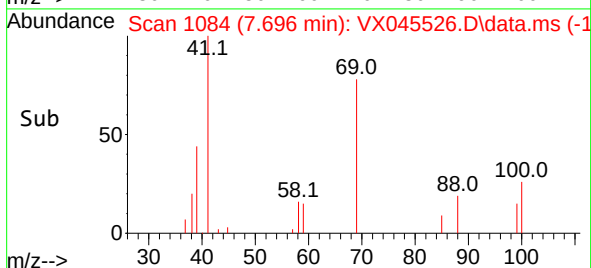
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

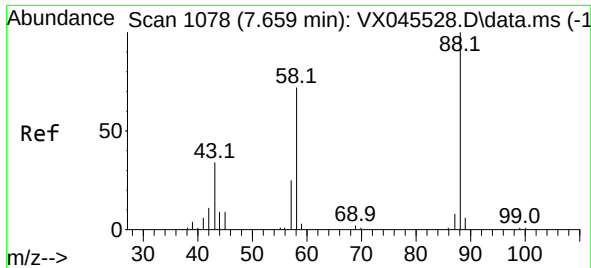


#48
Methyl methacrylate
Concen: 4.401 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29



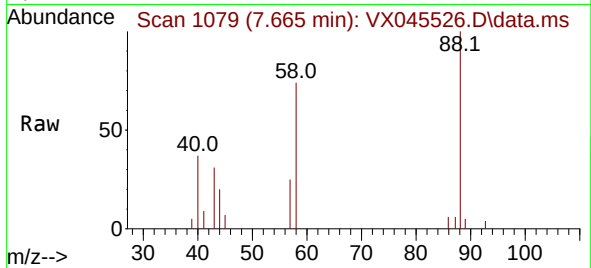
Tgt Ion: 41 Resp: 6908
Ion Ratio Lower Upper
41 100
69 74.6 58.2 87.2
39 68.3 53.6 80.4





#49
1,4-Dioxane
Concen: 112.864 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

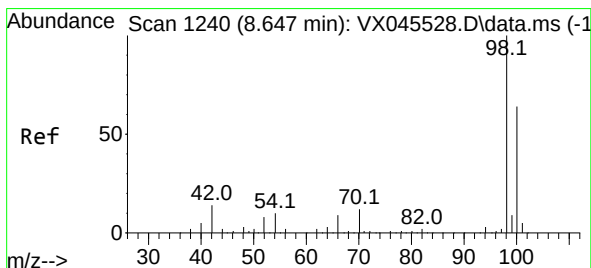
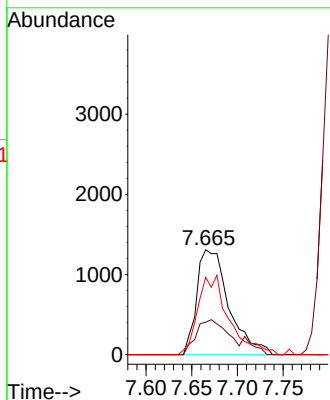
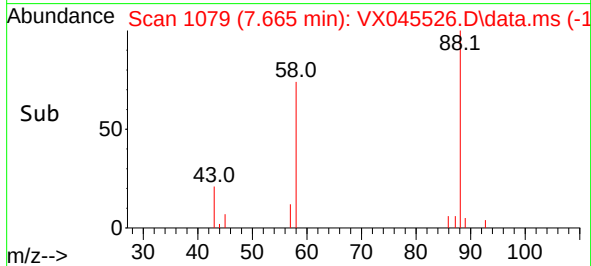
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 320
Ion Ratio Lower Upper
88 100
43 32.4 32.2 48.4
58 72.7 58.6 88.0

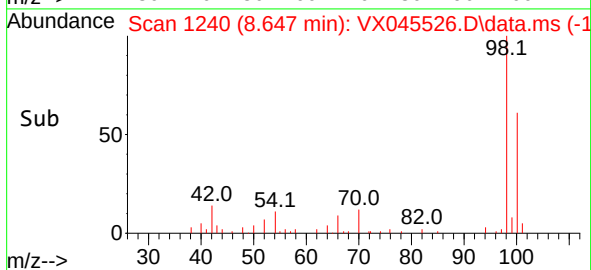
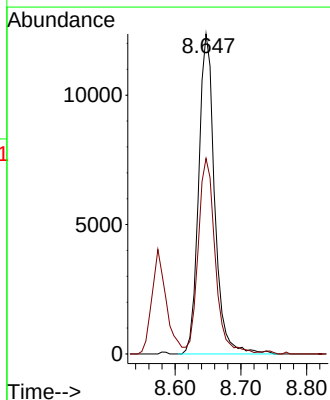
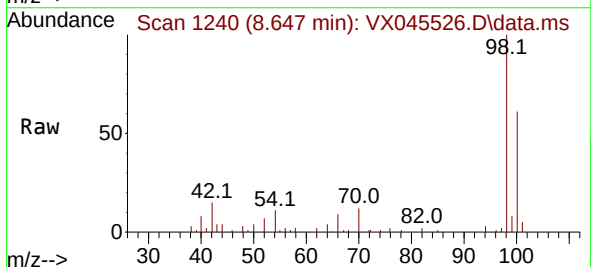
Manual Integrations
APPROVED

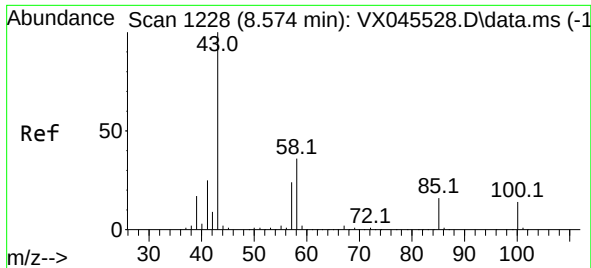
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#50
Toluene-d8
Concen: 5.077 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 98 Resp: 20890
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4





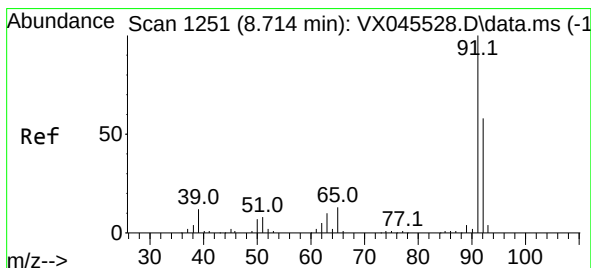
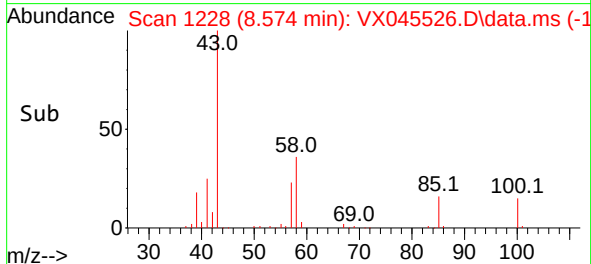
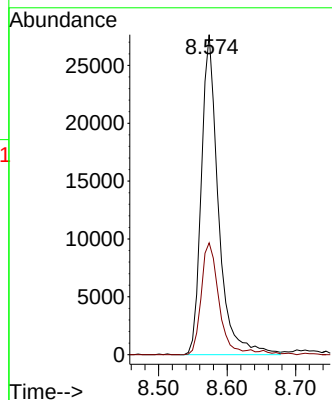
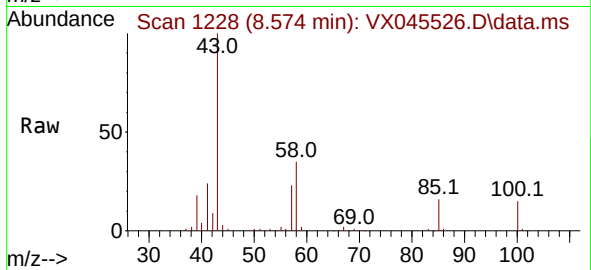
#51
4-Methyl-2-Pentanone
Concen: 23.844 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 48050
Ion Ratio Lower Upper
43 100
58 37.3 28.5 42.7

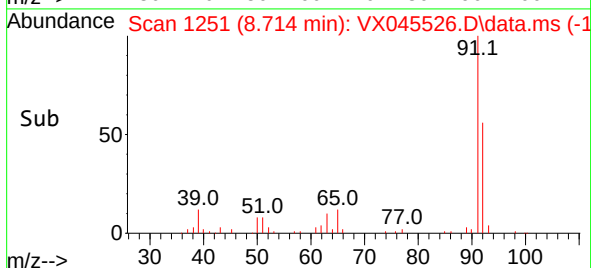
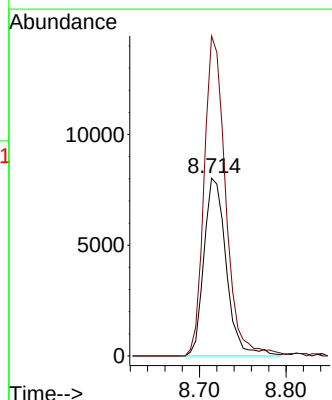
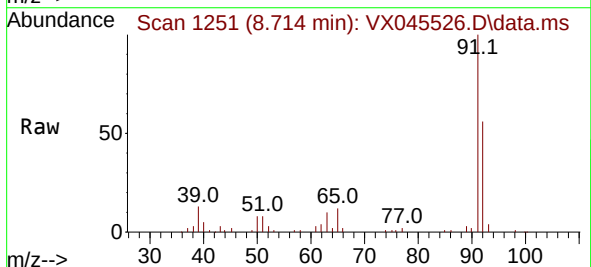
Manual Integrations
APPROVED

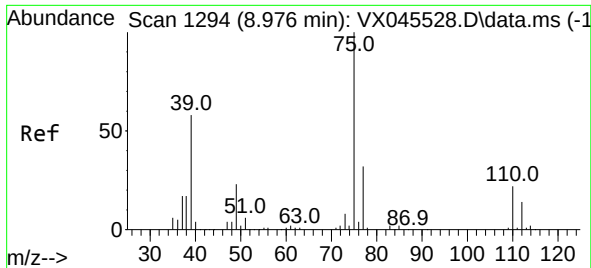
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 4.893 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 92 Resp: 14391
Ion Ratio Lower Upper
92 100
91 173.1 138.7 208.1





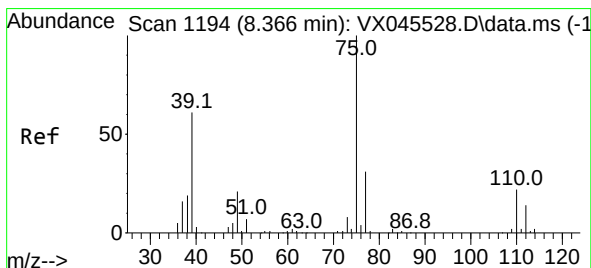
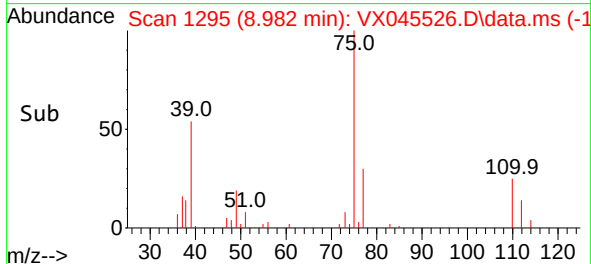
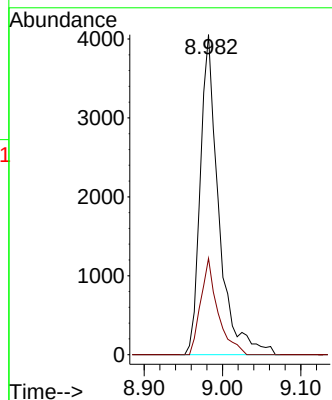
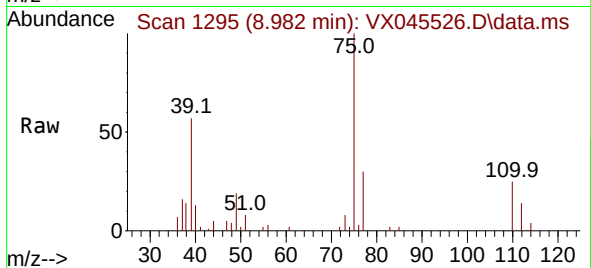
#53
t-1,3-Dichloropropene
Concen: 5.834 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 664
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0

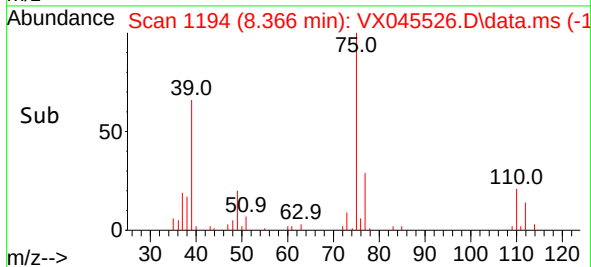
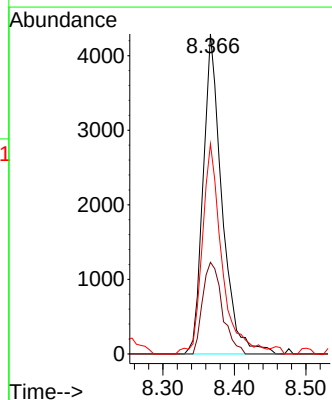
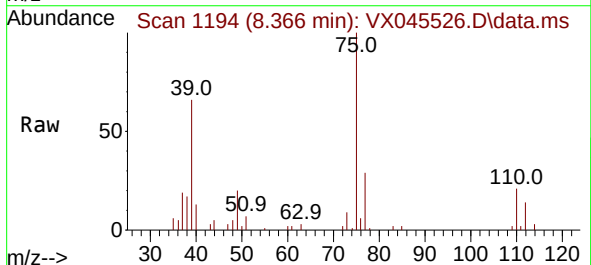
Manual Integrations
APPROVED

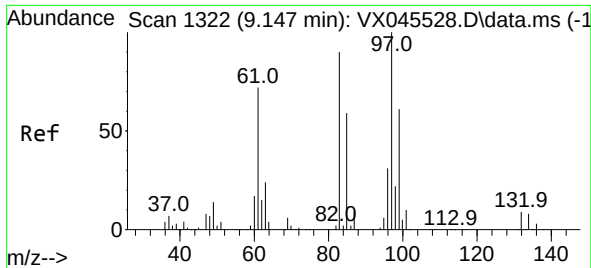
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#54
cis-1,3-Dichloropropene
Concen: 4.506 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

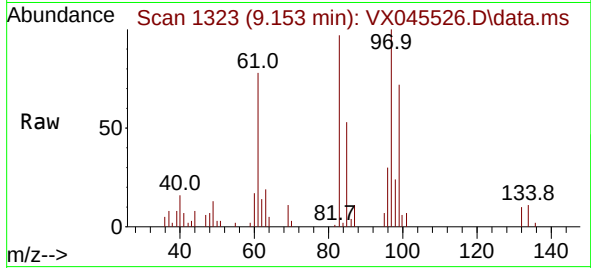
Tgt Ion: 75 Resp: 7873
Ion Ratio Lower Upper
75 100
77 28.6 24.6 36.8
39 64.4 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 4.898 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

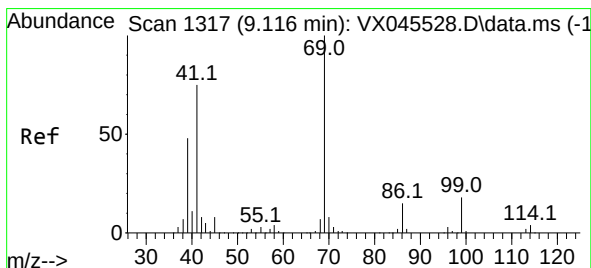
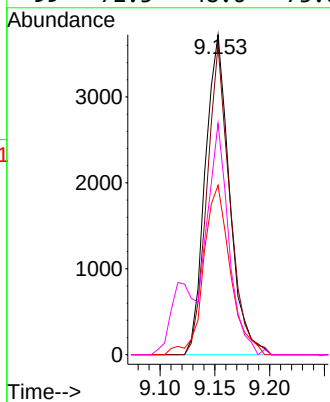
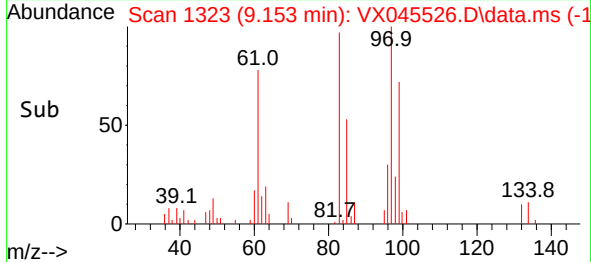
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	96.8	71.8	107.8
85	52.9	47.0	70.6
99	72.3	48.6	73.0

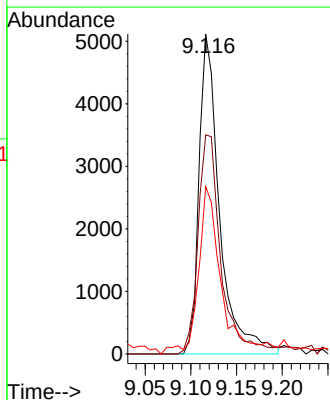
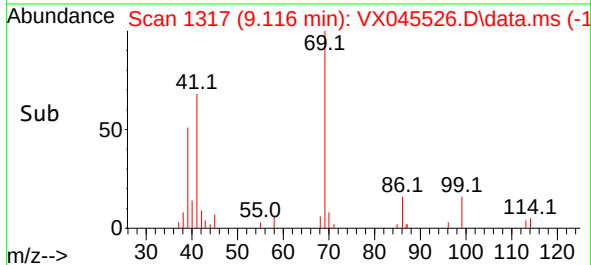
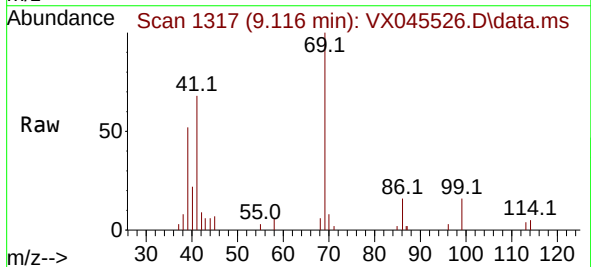
Manual Integrations
APPROVED

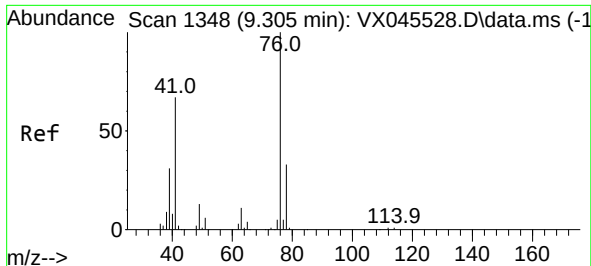
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#56
Ethyl methacrylate
Concen: 4.417 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.8	61.3	91.9
39	58.5	40.2	60.2





#57

1,3-Dichloropropane

Concen: 5.002 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 10208

Ion Ratio Lower Upper

76 100

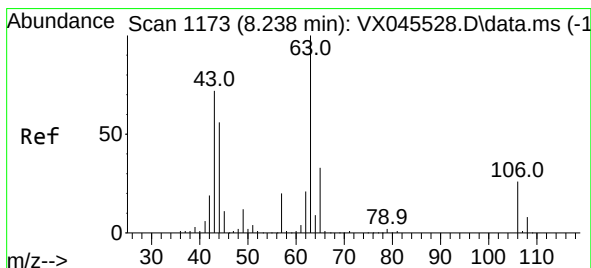
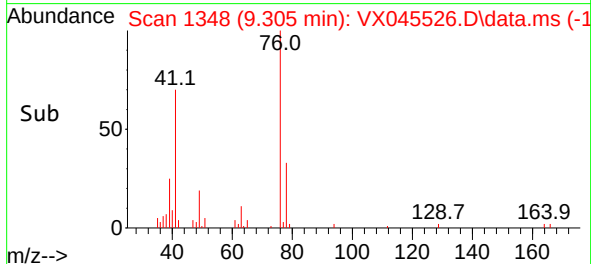
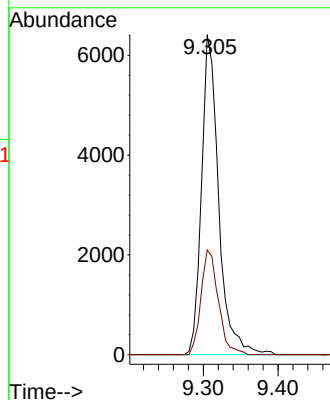
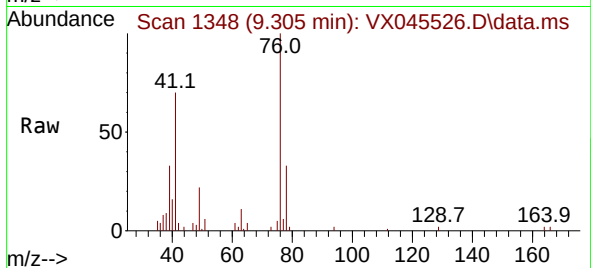
78 33.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 23.302 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX045526.D

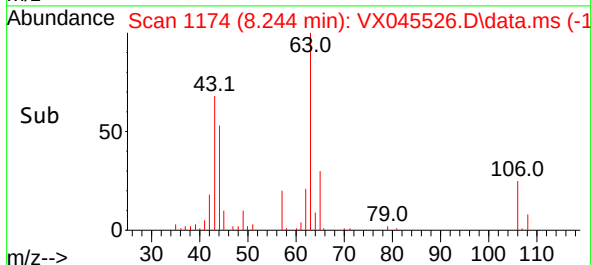
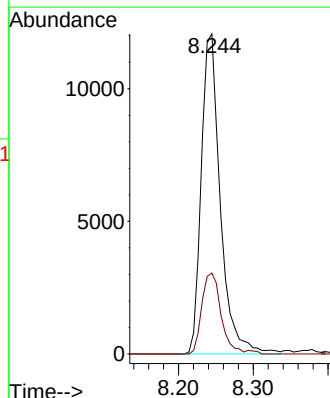
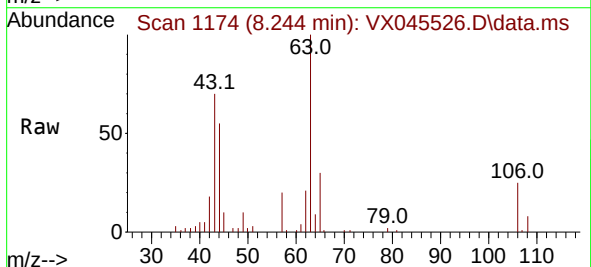
Acq: 01 Apr 2025 17:29

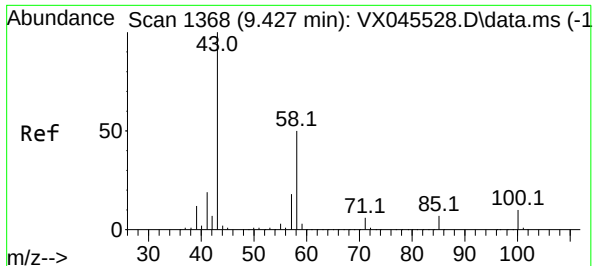
Tgt Ion: 63 Resp: 21382

Ion Ratio Lower Upper

63 100

106 25.8 21.0 31.6





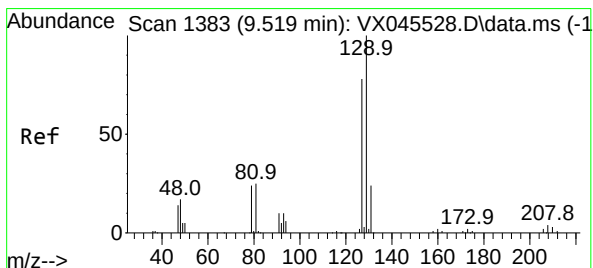
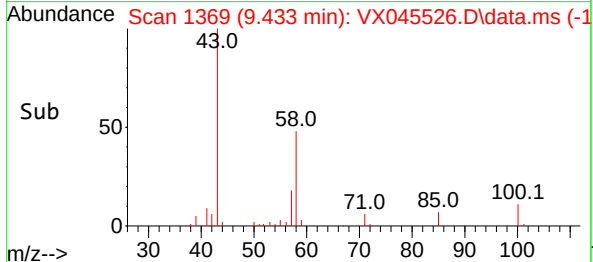
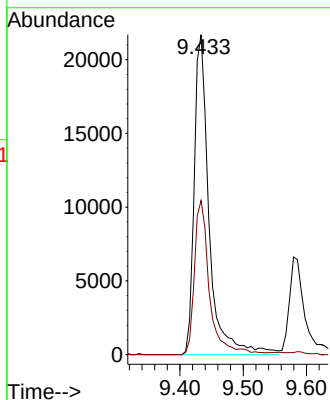
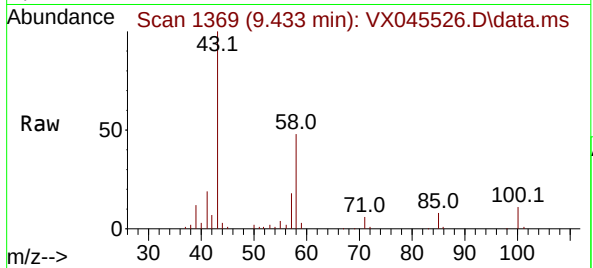
#59
2-Hexanone
Concen: 23.875 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 35628
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6

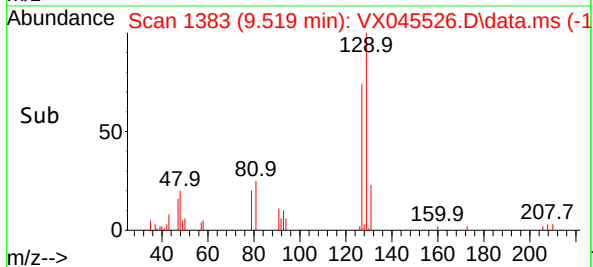
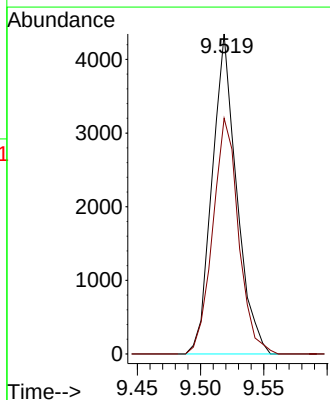
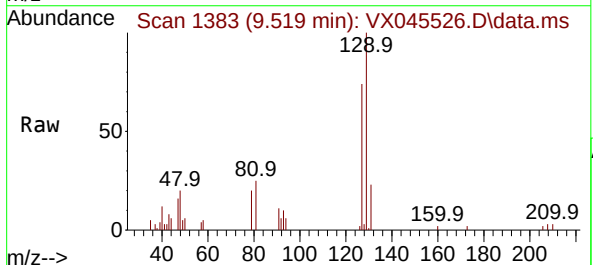
Manual Integrations
APPROVED

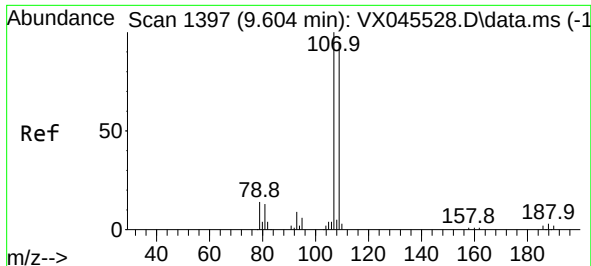
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#60
Dibromochloromethane
Concen: 4.582 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:129 Resp: 5855
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 4.920 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

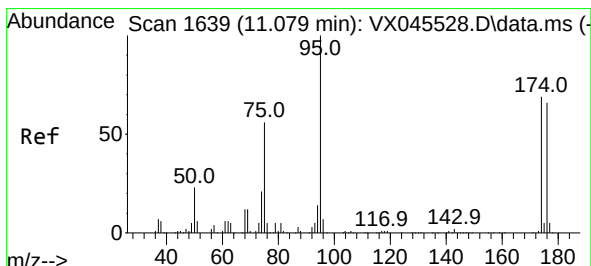
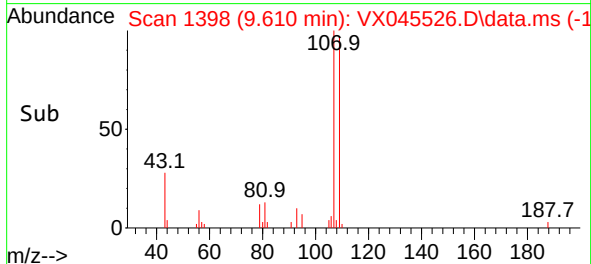
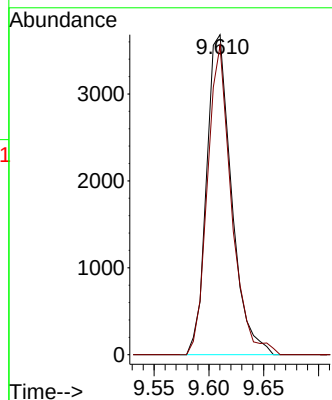
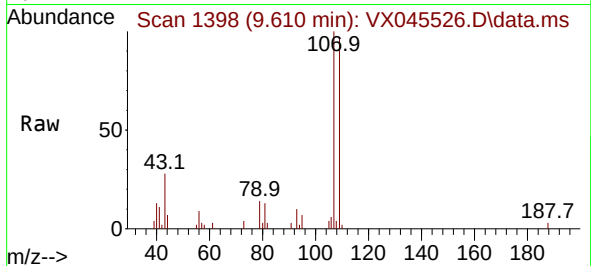
Tgt Ion:107 Resp: 583
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5

Manual Integrations

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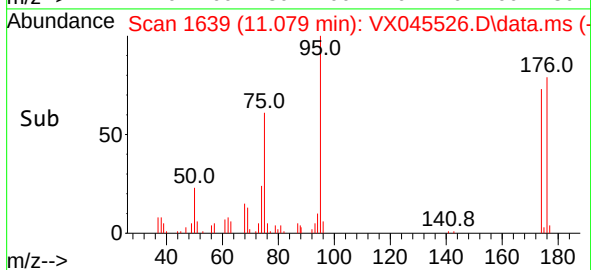
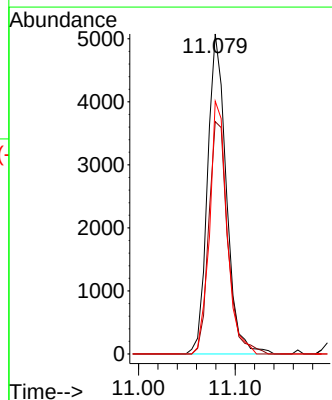
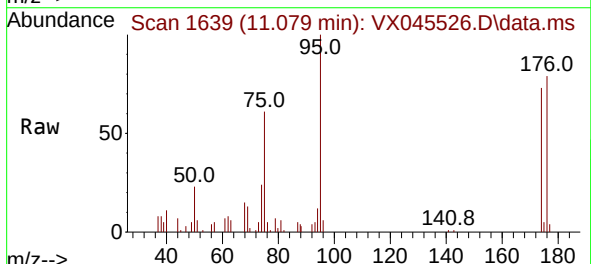
Reviewed By :Amit Patel 04/02/2025

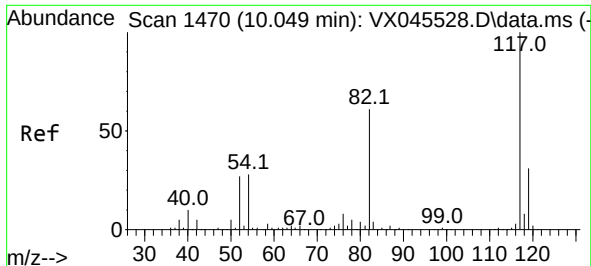
Supervised By :Mahesh Dadoda 04/02/2025



#62
4-Bromofluorobenzene
Concen: 4.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

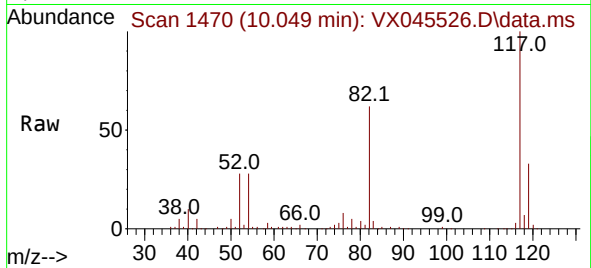
Tgt Ion: 95 Resp: 6867
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.8
176 73.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

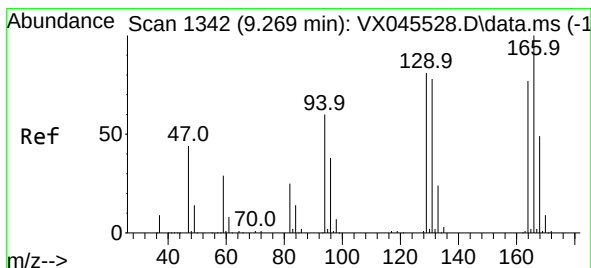
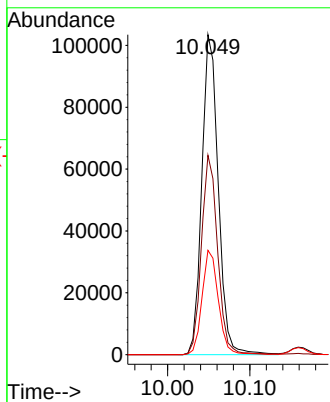
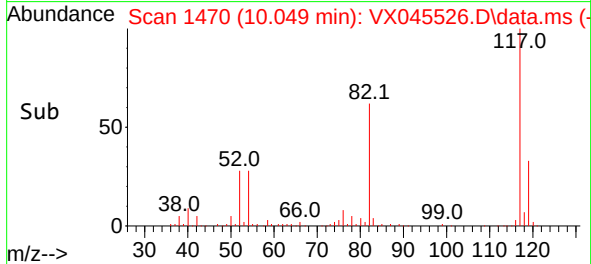
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 14393
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 32.6 25.1 37.7

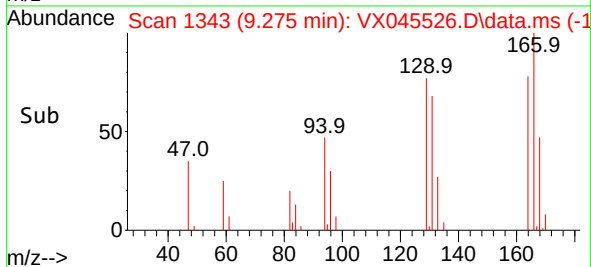
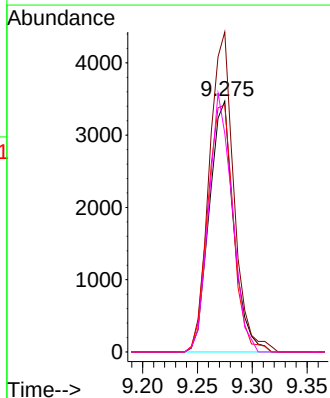
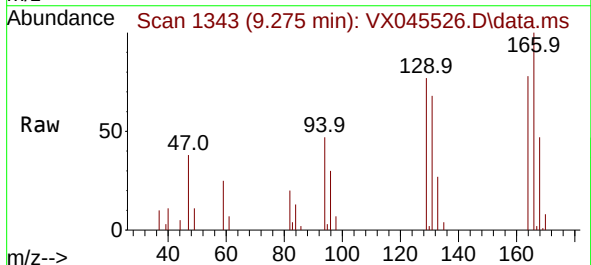
Manual Integrations
APPROVED

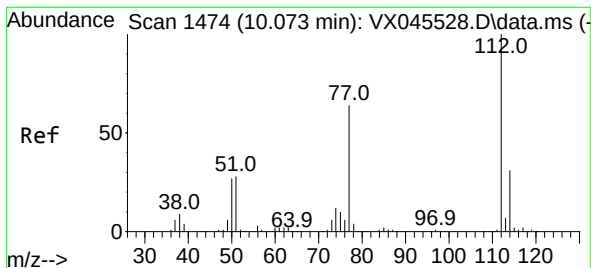
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#64
Tetrachloroethene
Concen: 5.287 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

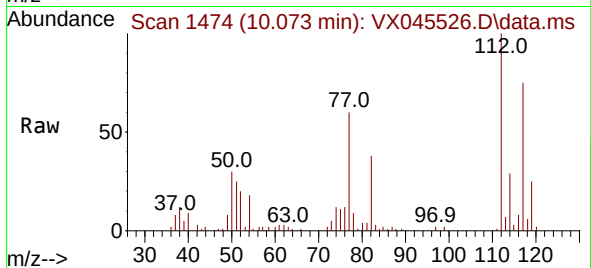
Tgt Ion:164 Resp: 5373
Ion Ratio Lower Upper
164 100
166 127.6 103.8 155.8
129 98.6 84.3 126.5
131 87.3 80.9 121.3





#65
Chlorobenzene
Concen: 4.935 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

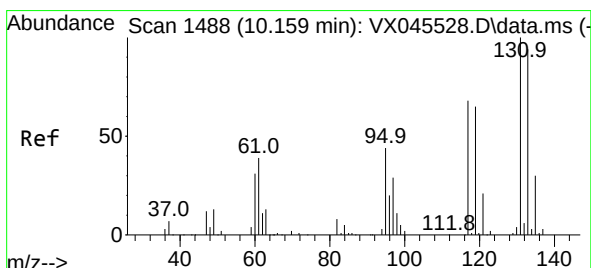
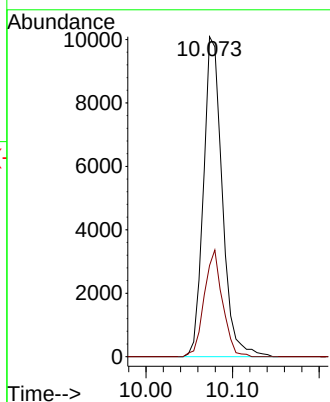
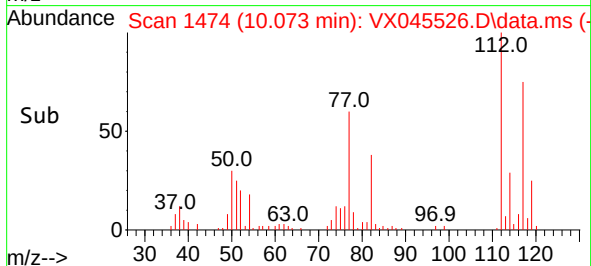
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



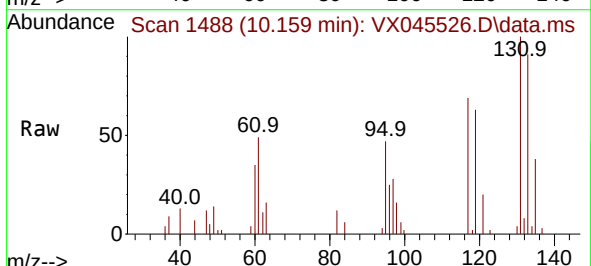
Tgt Ion:112 Resp: 15178
Ion Ratio Lower Upper
112 100
114 28.5 24.7 37.1

Manual Integrations
APPROVED

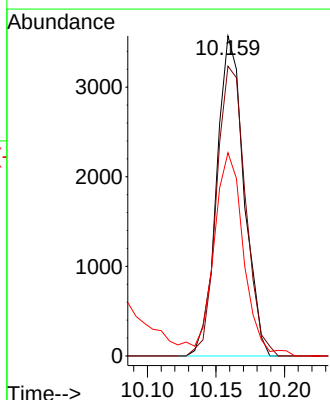
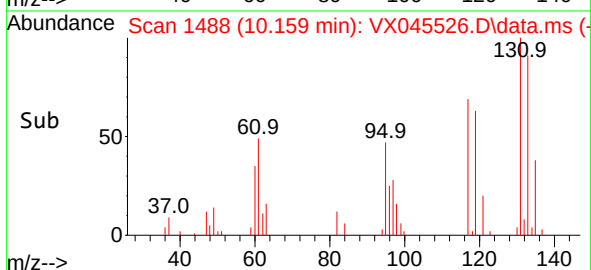
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

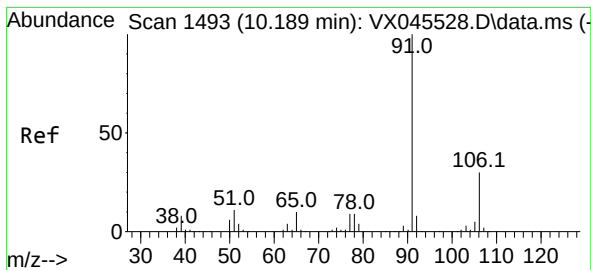


#66
1,1,1,2-Tetrachloroethane
Concen: 4.631 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29



Tgt Ion:131 Resp: 4945
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 70.0 32.9 98.6





#67

Ethyl Benzene

Concen: 4.753 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 26180

Ion Ratio Lower Upper

91 100

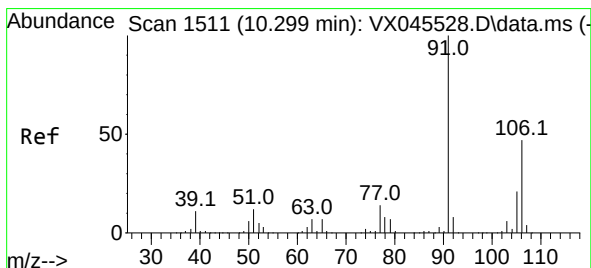
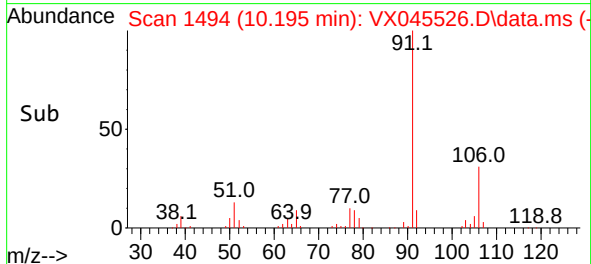
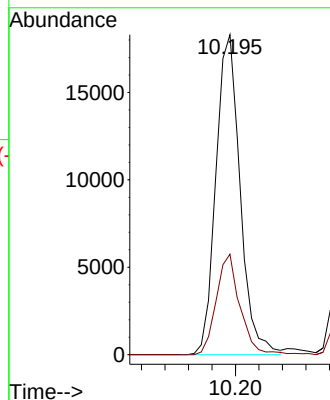
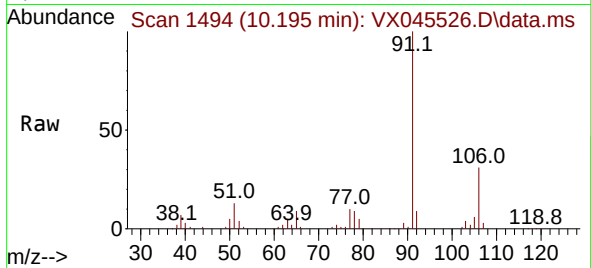
106 31.4 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#68

m/p-Xylenes

Concen: 9.617 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045526.D

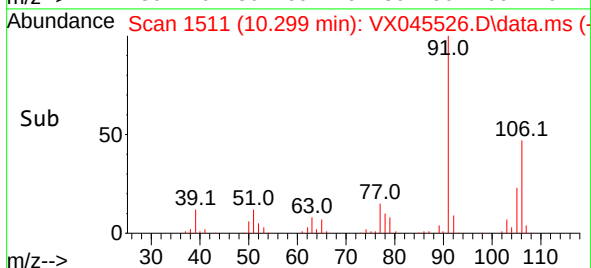
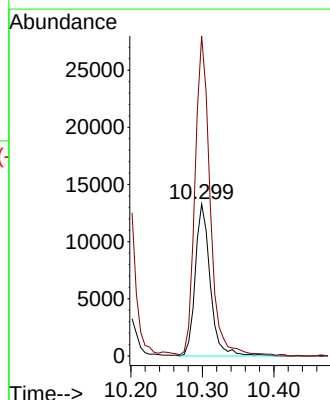
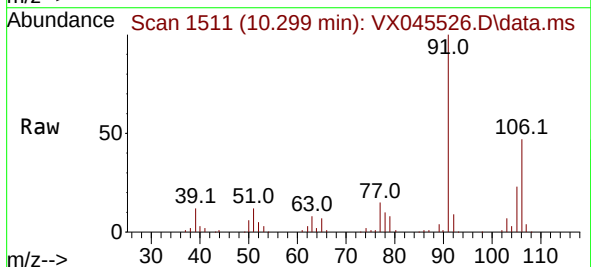
Acq: 01 Apr 2025 17:29

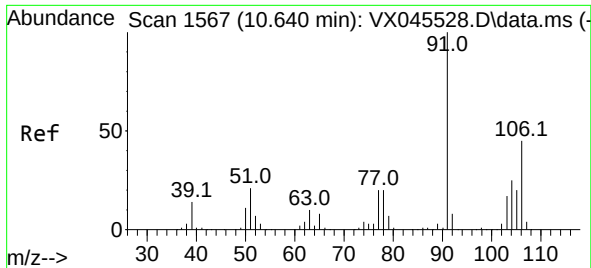
Tgt Ion:106 Resp: 19268

Ion Ratio Lower Upper

106 100

91 213.6 172.6 258.8





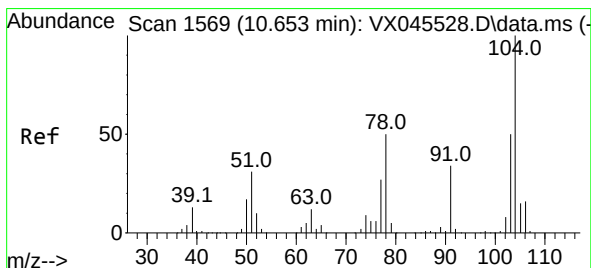
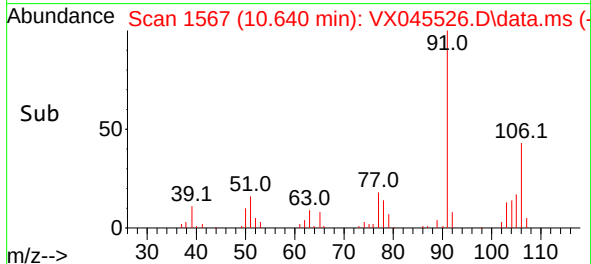
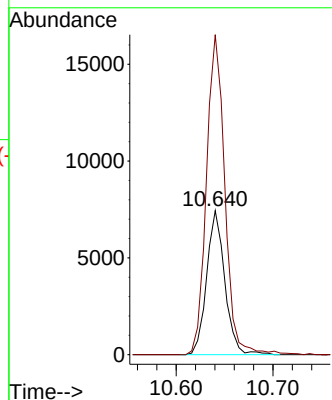
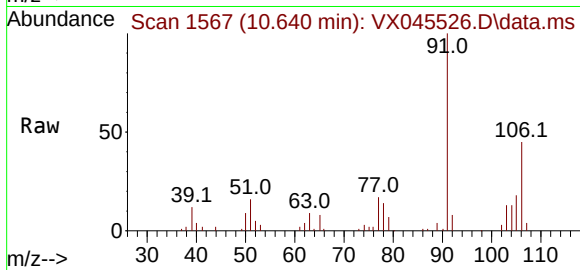
#69
o-Xylene
Concen: 4.932 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 9735
Ion Ratio Lower Upper
106 100
91 225.8 113.6 340.6

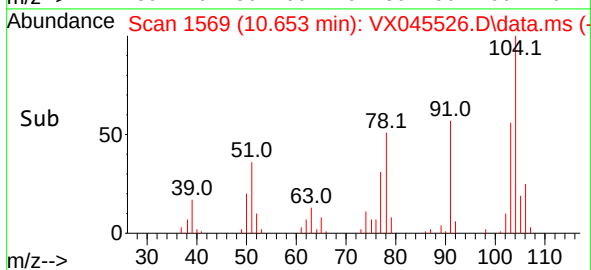
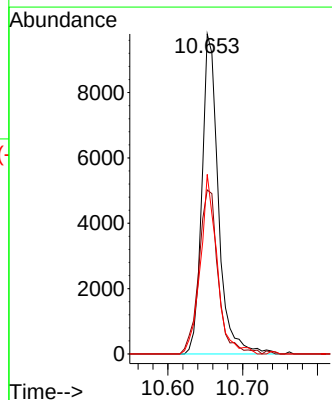
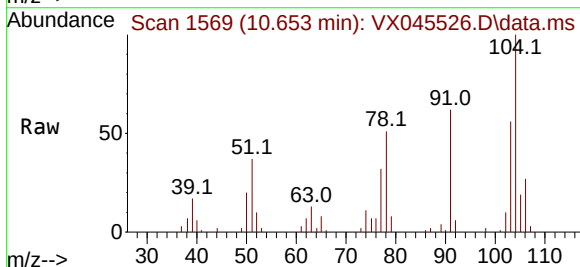
Manual Integrations
APPROVED

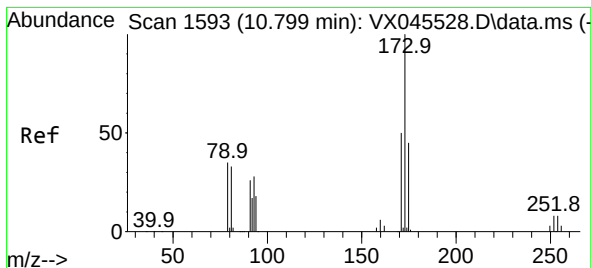
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#70
Styrene
Concen: 4.610 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:104 Resp: 15017
Ion Ratio Lower Upper
104 100
78 59.8 45.4 68.2
103 57.1 43.8 65.8





#71

Bromoform

Concen: 4.558 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

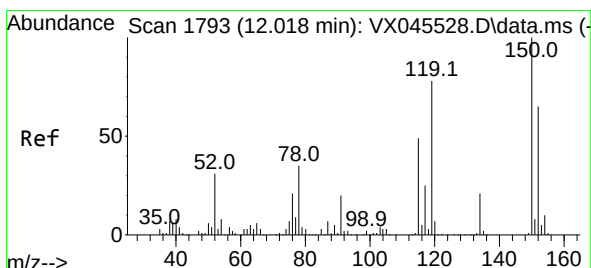
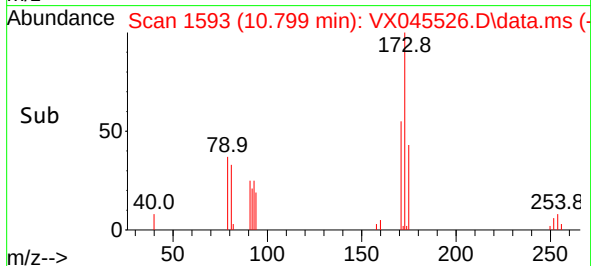
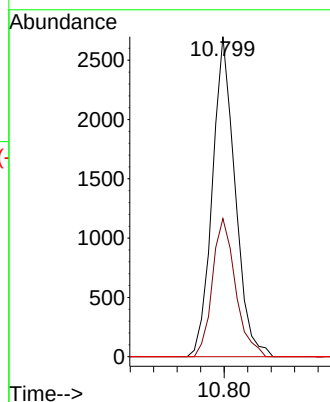
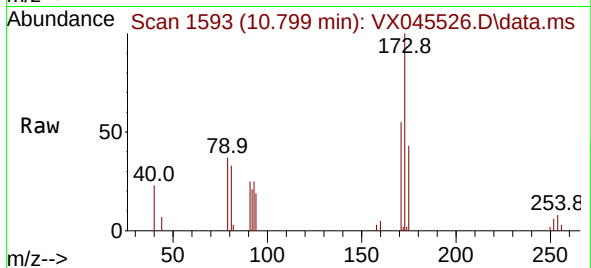
Tgt Ion:173	Resp:	3634
Ion Ratio	Lower	Upper
173	100	
175	43.7	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

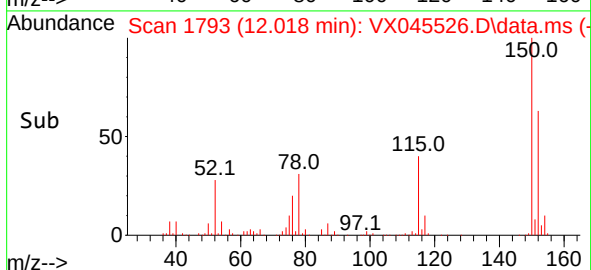
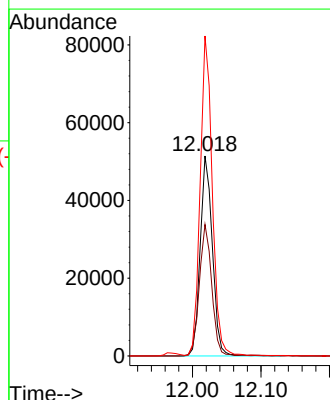
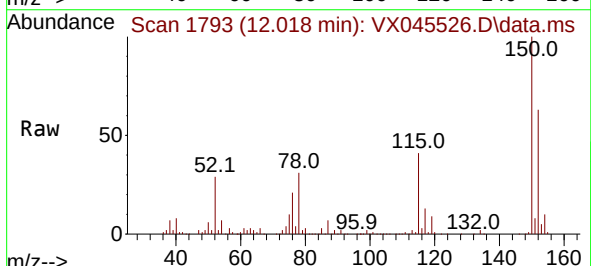
RT: 12.018 min Scan# 1793

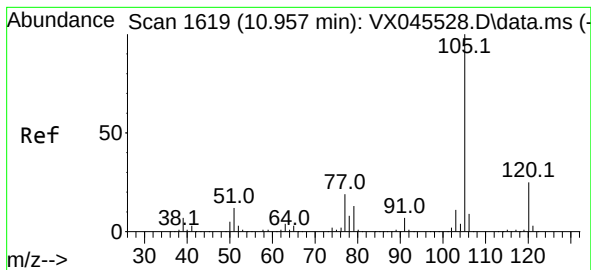
Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:152	Resp:	63909
Ion Ratio	Lower	Upper
152	100	
115	66.5	46.9 140.7
150	157.5	0.0 349.4





#73

Isopropylbenzene

Concen: 4.806 ug/l

RT: 10.964 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

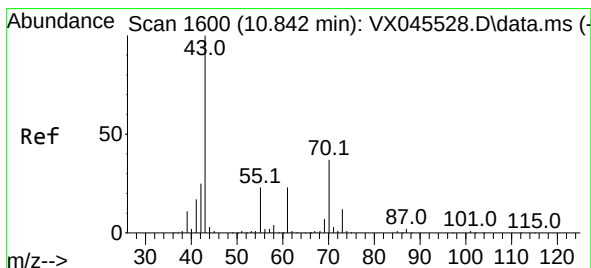
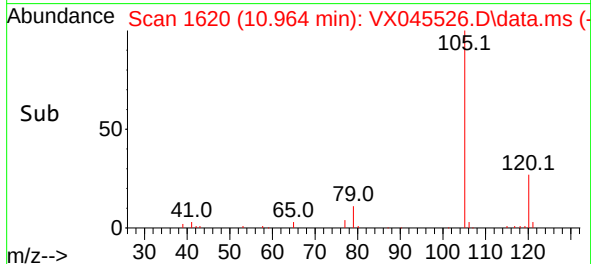
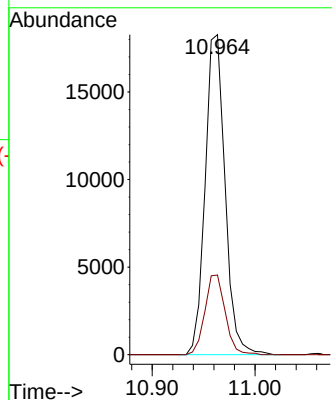
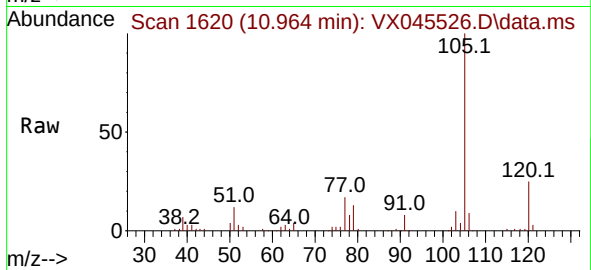
Tgt Ion:105 Resp: 24604
 Ion Ratio Lower Upper
 105 100
 120 25.5 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#74

N-ethyl acetate

Concen: 4.390 ug/l

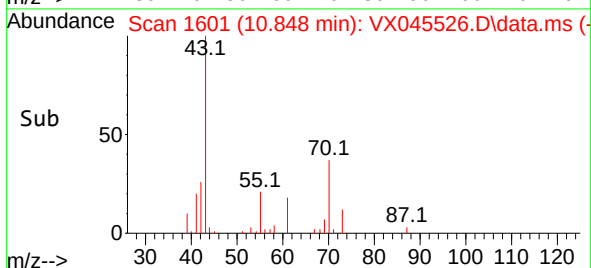
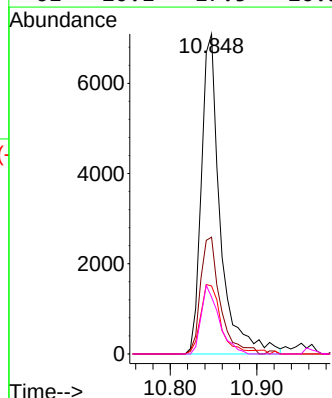
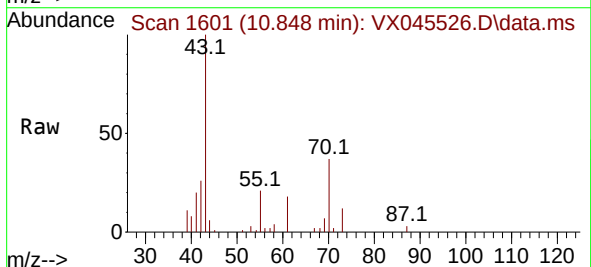
RT: 10.848 min Scan# 1601

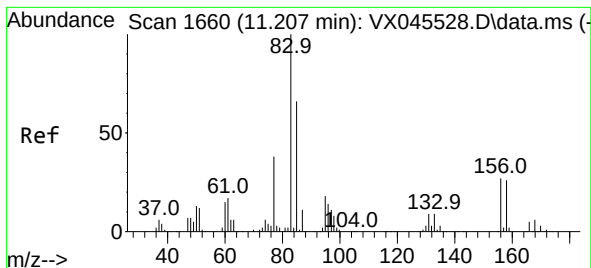
Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 10750
 Ion Ratio Lower Upper
 43 100
 70 37.8 30.1 45.1
 55 23.0 18.3 27.5
 61 20.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 5.075 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

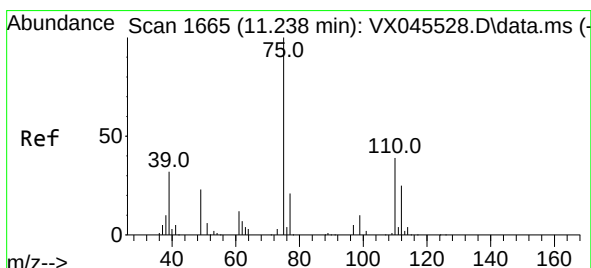
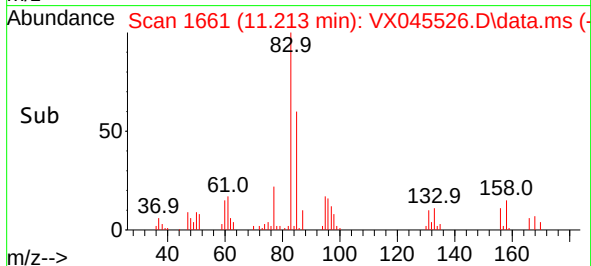
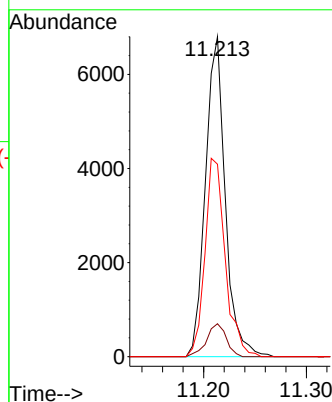
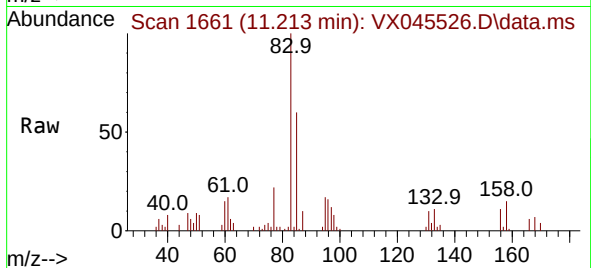
Tgt Ion:	83	Resp:	912
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.7	14.1
85	63.5	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#76

1,2,3-Trichloropropane

Concen: 5.152 ug/l m

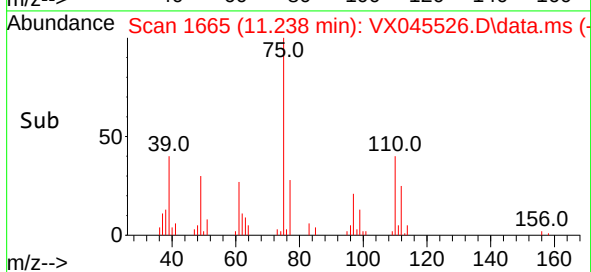
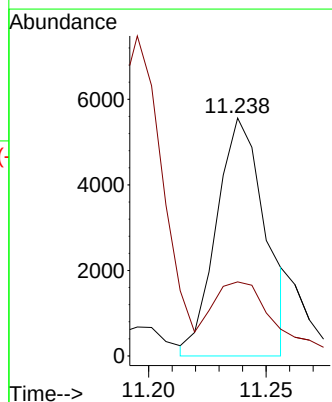
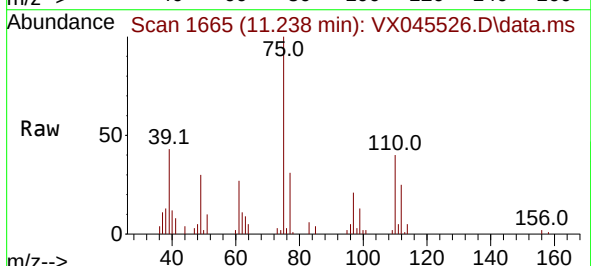
RT: 11.238 min Scan# 1665

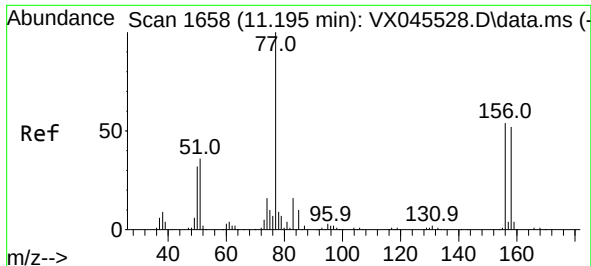
Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

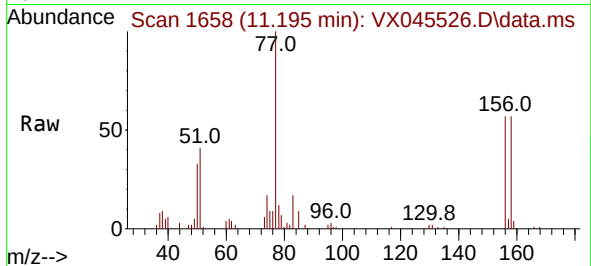
Tgt Ion:	75	Resp:	8032
Ion Ratio	Lower	Upper	
75	100		
77	40.2	20.0	59.9





#77
Bromobenzene
Concen: 5.011 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

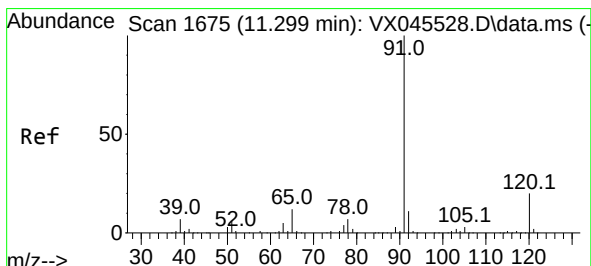
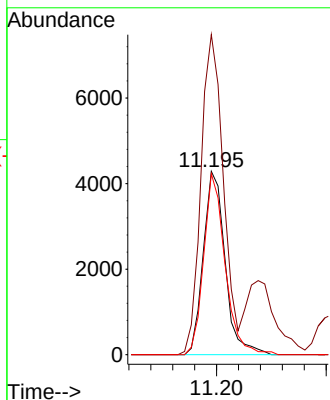
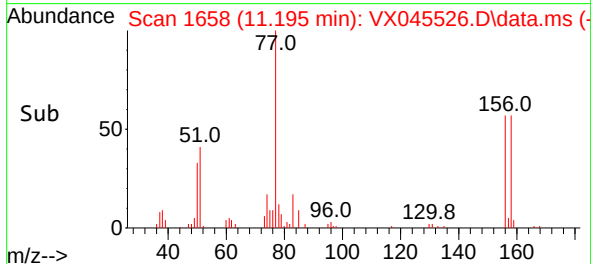
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



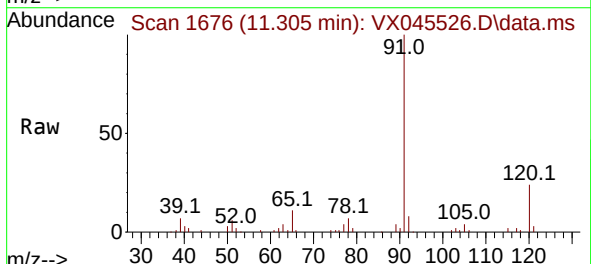
Tgt Ion:156 Resp: 5927
Ion Ratio Lower Upper
156 100
77 178.8 92.6 277.8
158 97.0 48.1 144.4

Manual Integrations
APPROVED

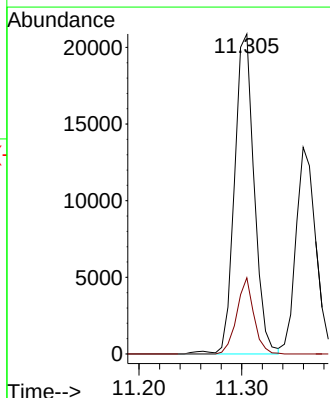
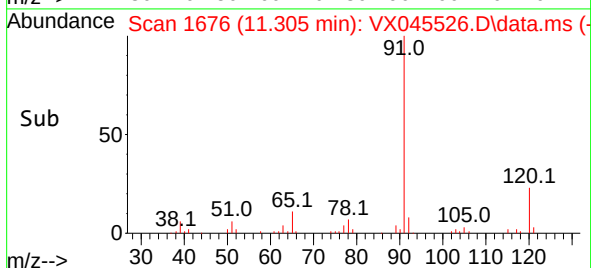
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

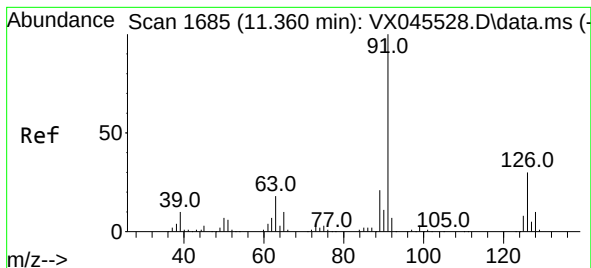


#78
n-propylbenzene
Concen: 4.711 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29



Tgt Ion: 91 Resp: 27777
Ion Ratio Lower Upper
91 100
120 20.6 10.8 32.3





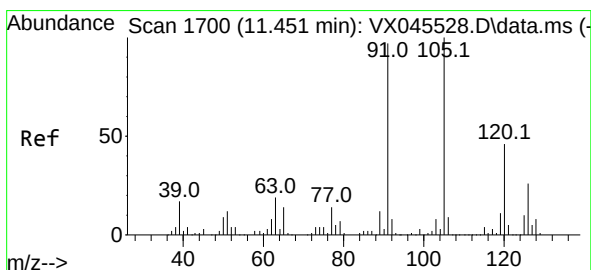
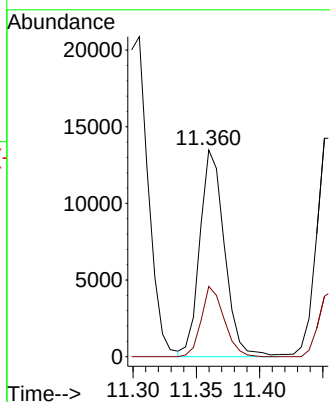
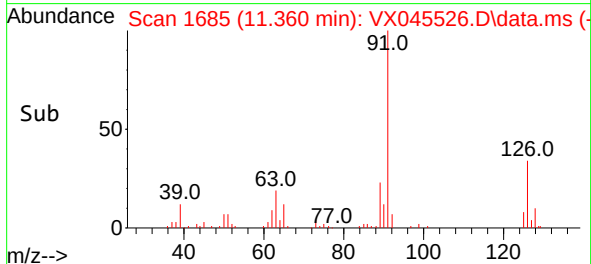
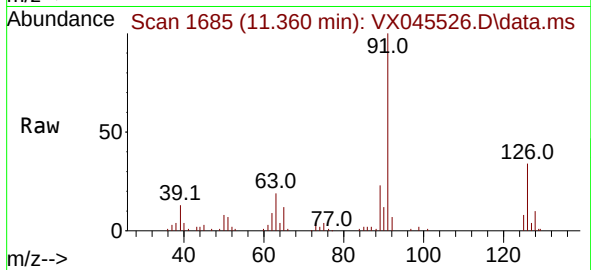
#79
2-Chlorotoluene
Concen: 4.870 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 18358
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.4

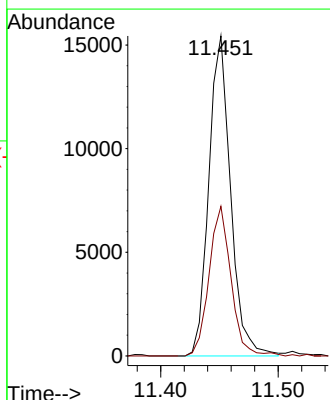
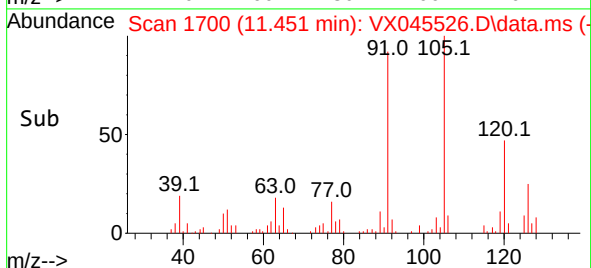
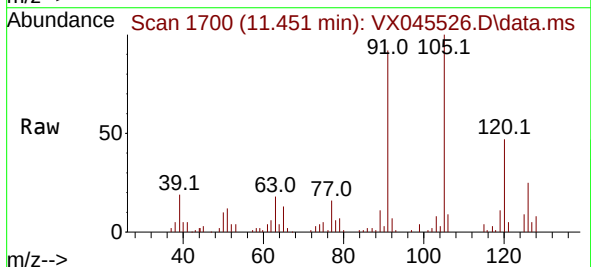
Manual Integrations
APPROVED

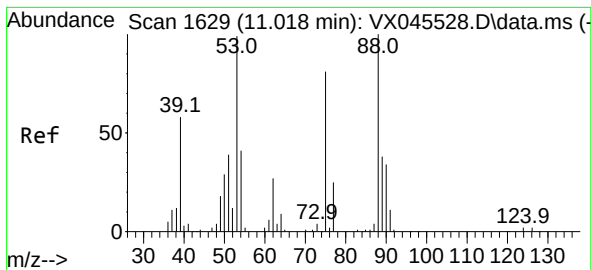
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.710 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

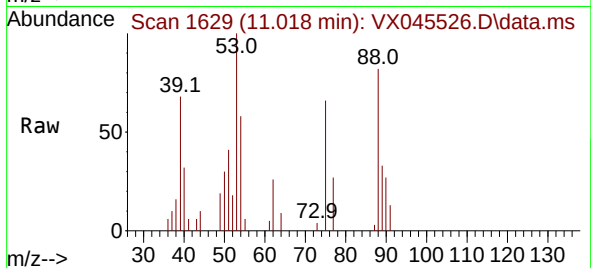
Tgt Ion:105 Resp: 19936
Ion Ratio Lower Upper
105 100
120 47.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.814 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

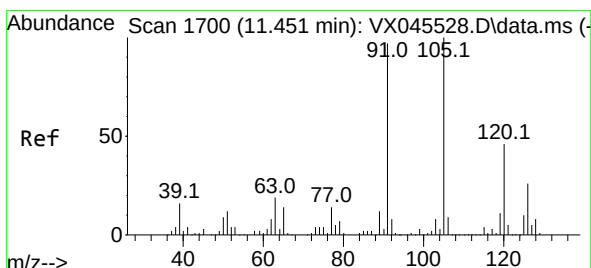
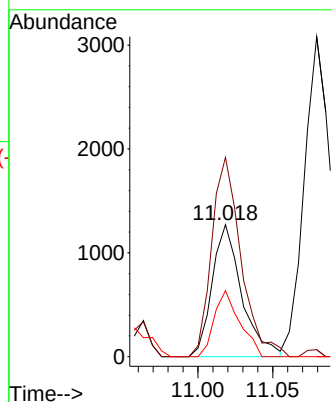
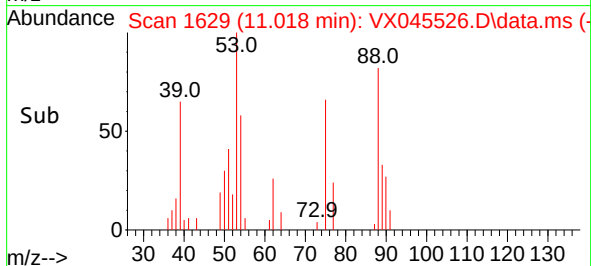
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



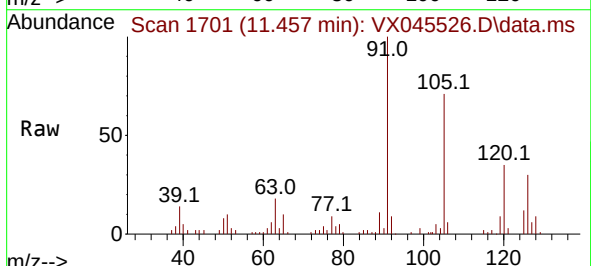
Tgt Ion: 75 Resp: 1752
Ion Ratio Lower Upper
75 100
53 149.1 101.8 152.6
89 43.1 37.2 55.8

Manual Integrations
APPROVED

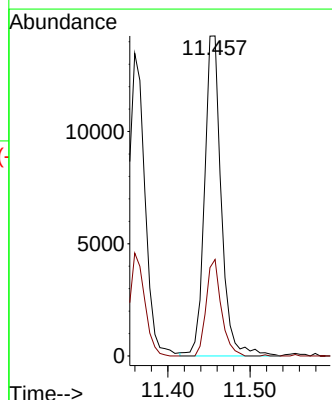
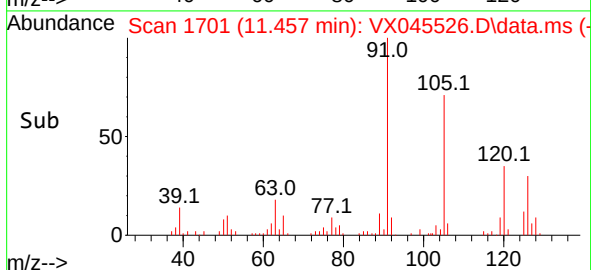
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

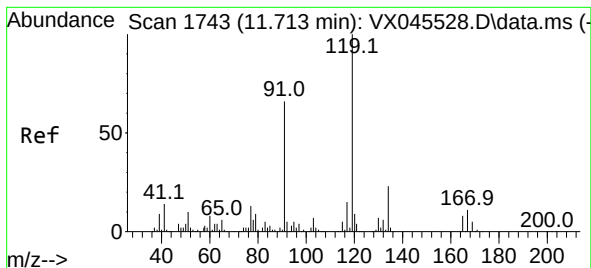


#82
4-Chlorotoluene
Concen: 4.799 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29



Tgt Ion: 91 Resp: 20171
Ion Ratio Lower Upper
91 100
126 27.2 13.3 39.9





#83

tert-Butylbenzene

Concen: 4.763 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

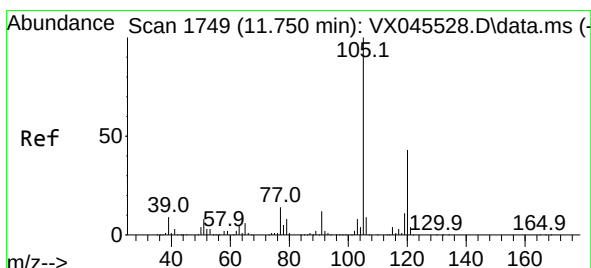
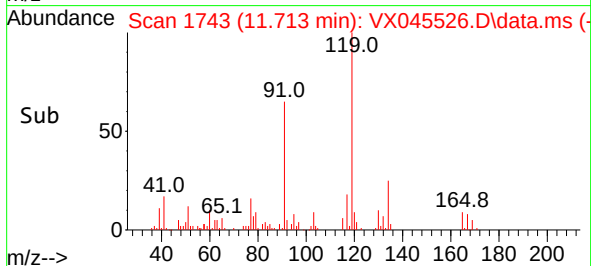
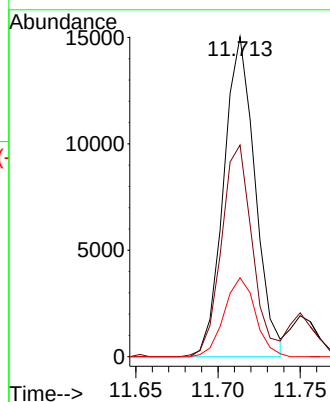
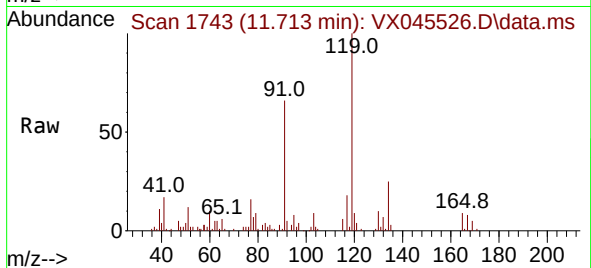
Tgt Ion:	119	Resp:	1996
Ion Ratio	Lower	Upper	
119	100		
91	65.7	32.4	97.2
134	24.6	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.707 ug/l

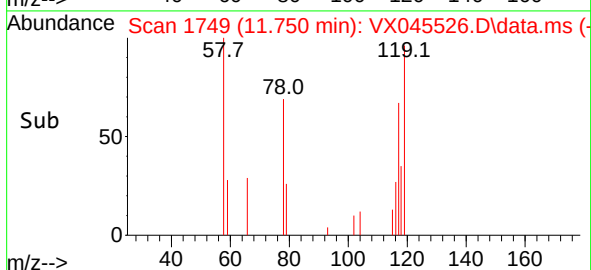
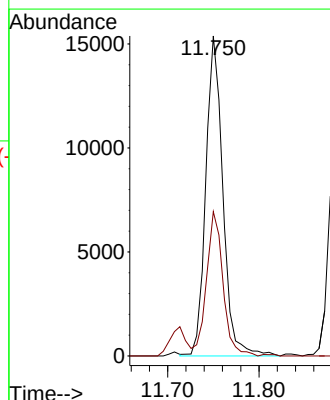
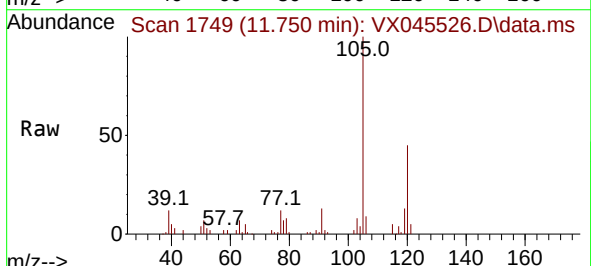
RT: 11.750 min Scan# 1749

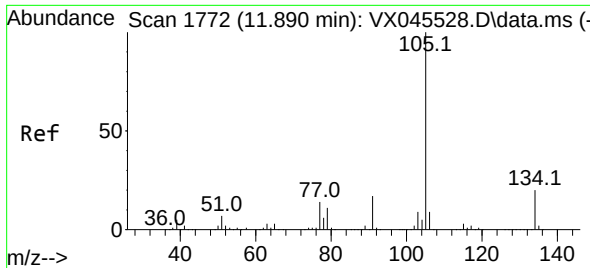
Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:	105	Resp:	19998
Ion Ratio	Lower	Upper	
105	100		
120	43.5	21.4	64.3





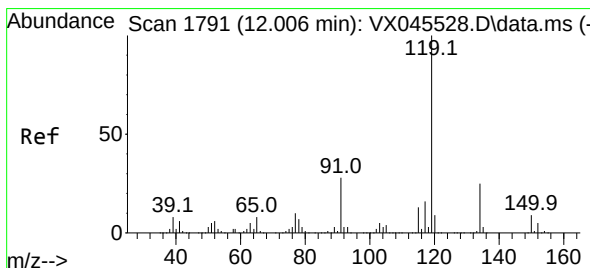
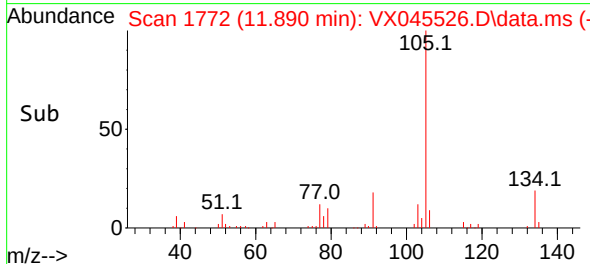
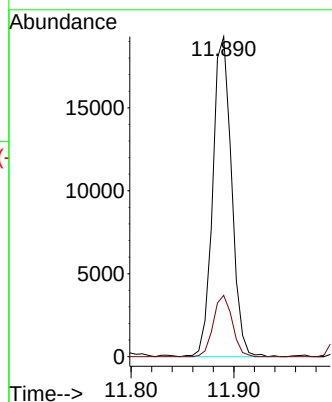
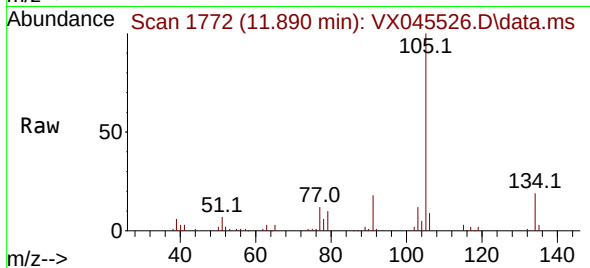
#85
 sec-Butylbenzene
 Concen: 4.753 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 2446
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

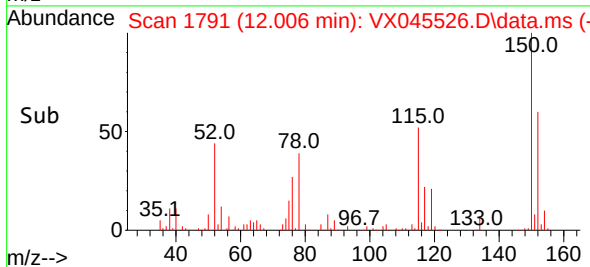
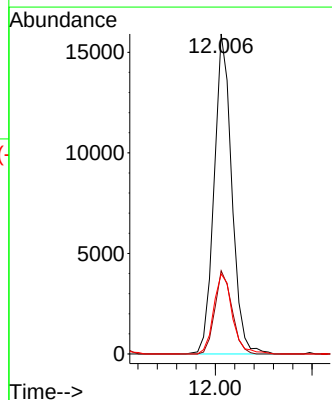
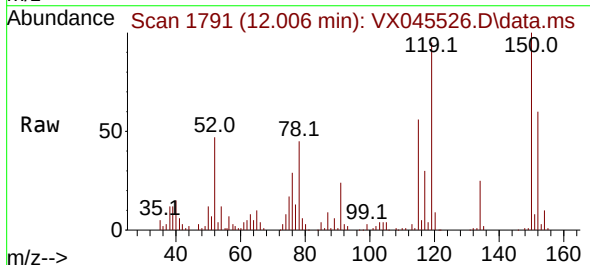
Manual Integrations
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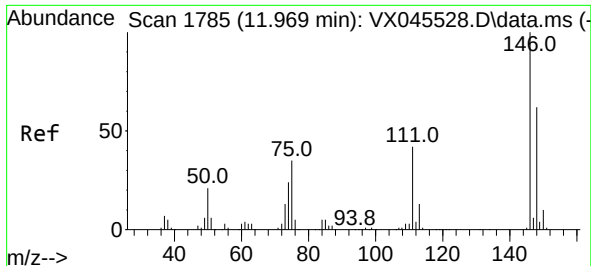
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#86
 p-Isopropyltoluene
 Concen: 4.755 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045526.D
 Acq: 01 Apr 2025 17:29

Tgt Ion:119 Resp: 20178
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 26.4 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 4.763 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

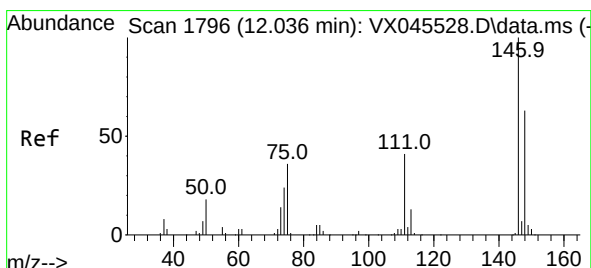
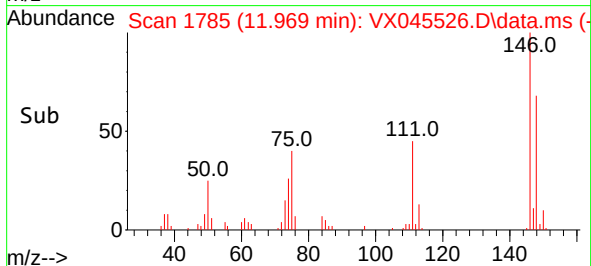
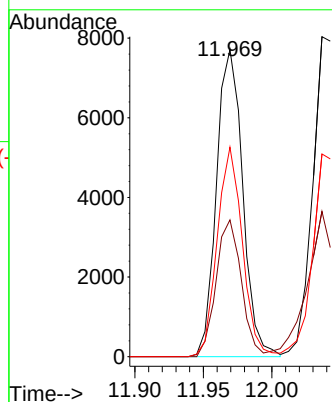
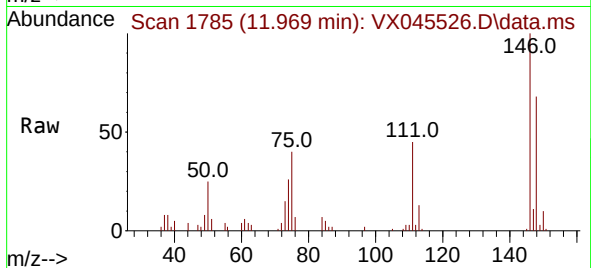
Tgt Ion:146	Resp:	1025
Ion Ratio	Lower	Upper
146	100	
111	42.9	22.2 66.6
148	65.7	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#88

1,4-Dichlorobenzene

Concen: 5.047 ug/l

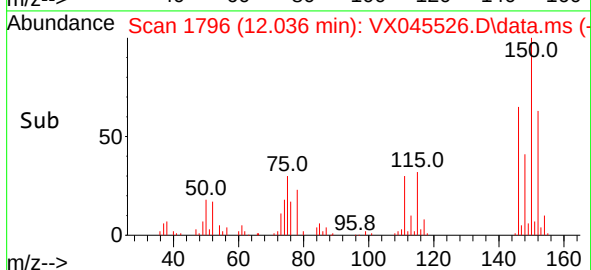
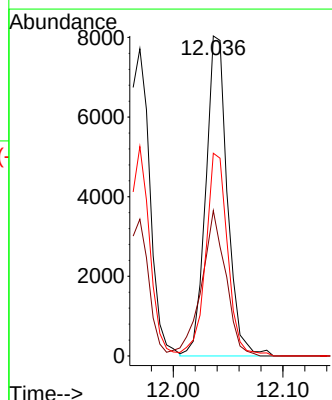
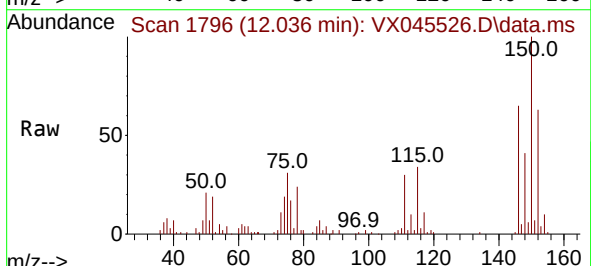
RT: 12.036 min Scan# 1796

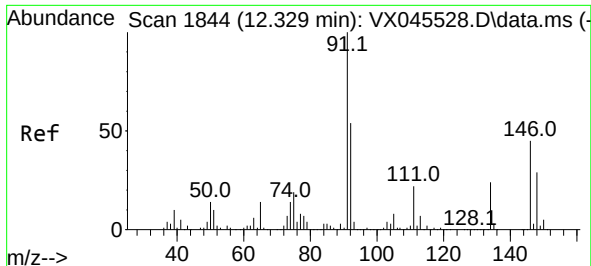
Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:146	Resp:	11016
Ion Ratio	Lower	Upper
146	100	
111	51.4	20.9 62.8
148	64.2	31.5 94.5





#89

n-Butylbenzene

Concen: 4.317 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 1588

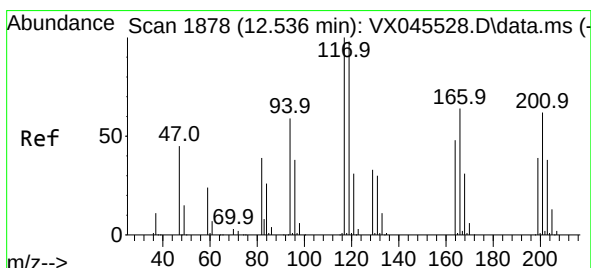
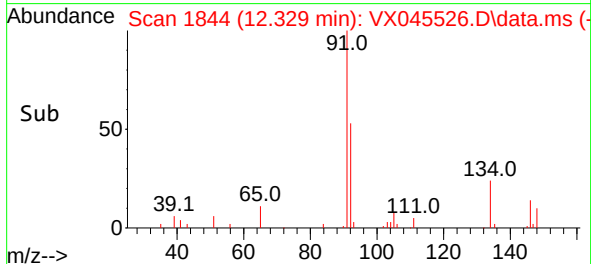
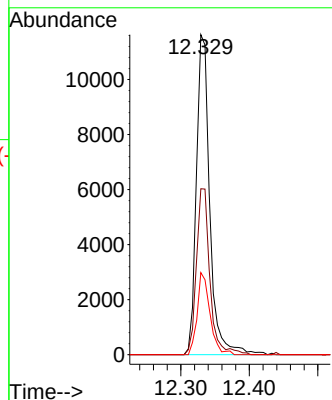
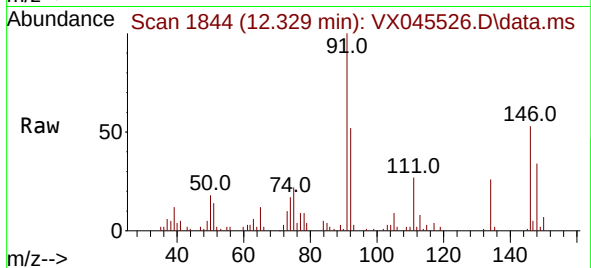
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.9	80.6
134	24.4	11.9	35.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#90

Hexachloroethane

Concen: 4.320 ug/l

RT: 12.536 min Scan# 1878

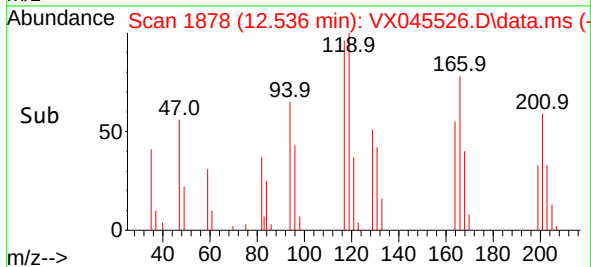
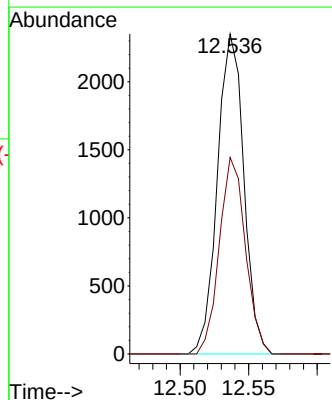
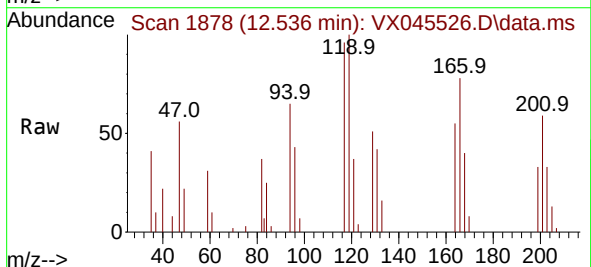
Delta R.T. 0.000 min

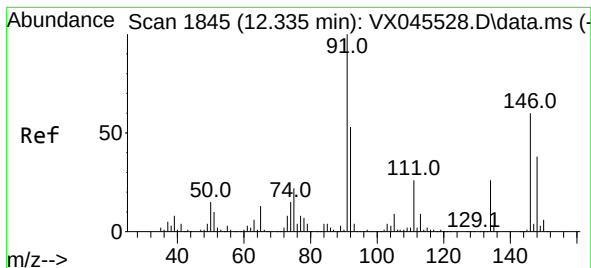
Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:117 Resp: 3151

Ion	Ratio	Lower	Upper
117	100		
201	60.6	31.2	93.6





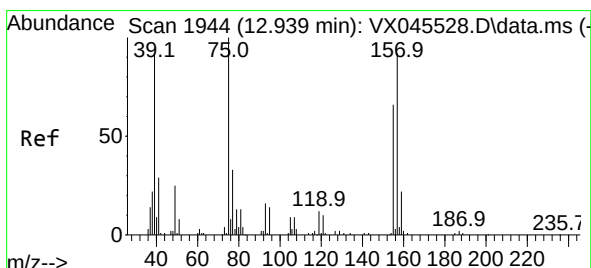
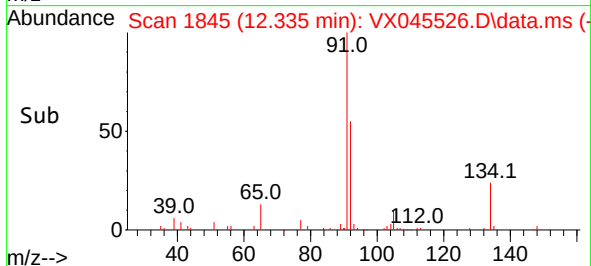
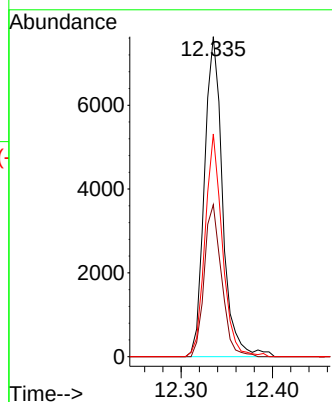
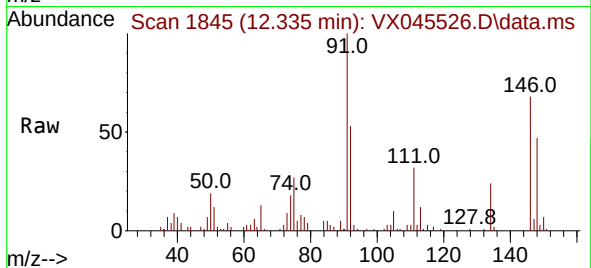
#91
1,2-Dichlorobenzene
Concen: 4.910 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 10510
Ion Ratio Lower Upper
146 100
111 45.2 22.9 68.8
148 66.3 31.9 95.5

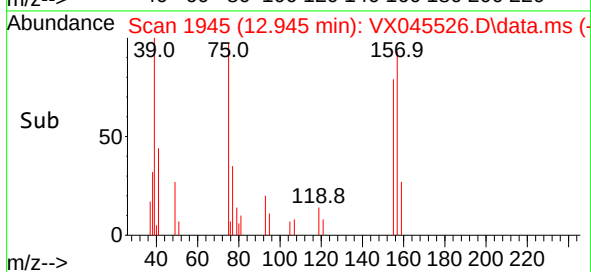
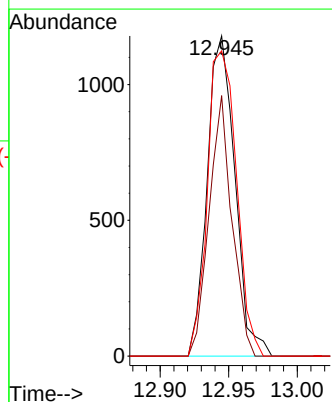
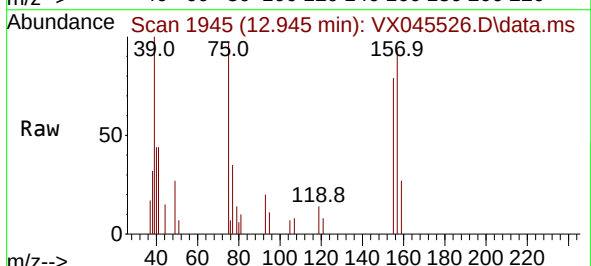
Manual Integrations
APPROVED

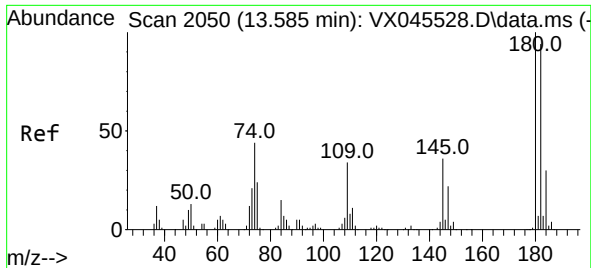
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.417 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 75 Resp: 1661
Ion Ratio Lower Upper
75 100
155 67.3 34.9 104.7
157 100.4 44.9 134.7





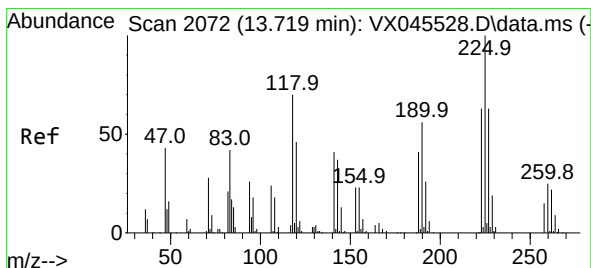
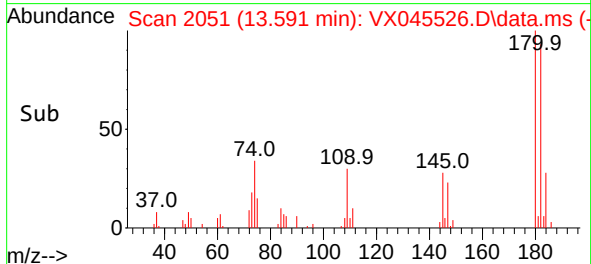
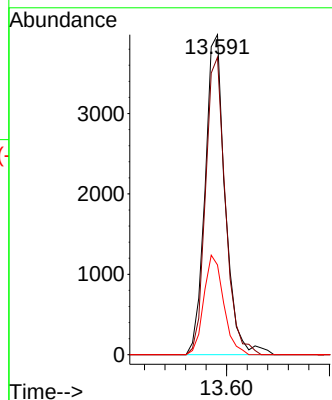
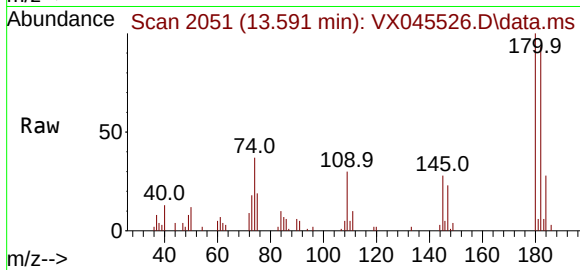
#93
1,2,4-Trichlorobenzene
Concen: 4.524 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 539
Ion Ratio Lower Upper
180 100
182 91.7 47.9 143.6
145 30.7 17.9 53.8

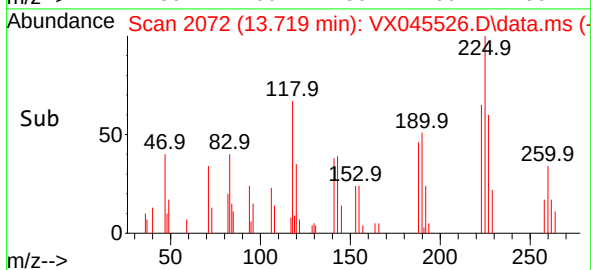
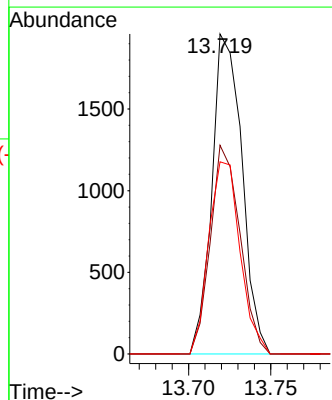
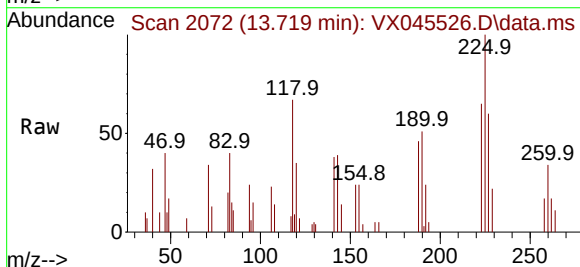
Manual Integrations
APPROVED

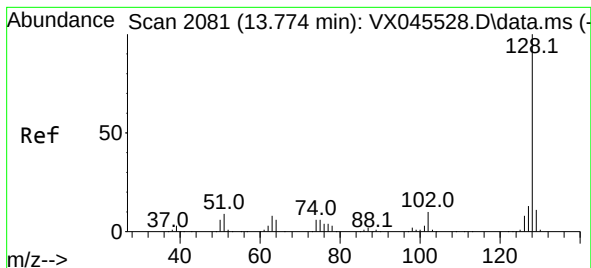
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#94
Hexachlorobutadiene
Concen: 4.836 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

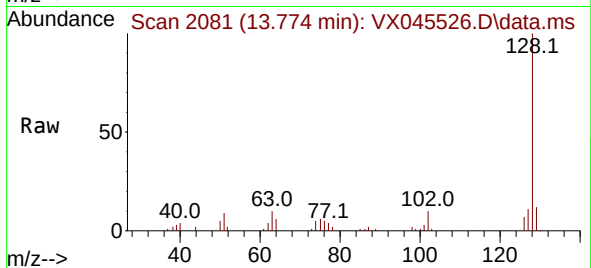
Tgt Ion:225 Resp: 2483
Ion Ratio Lower Upper
225 100
223 64.4 31.1 93.3
227 62.8 32.2 96.6





#95
Naphthalene
Concen: 4.424 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

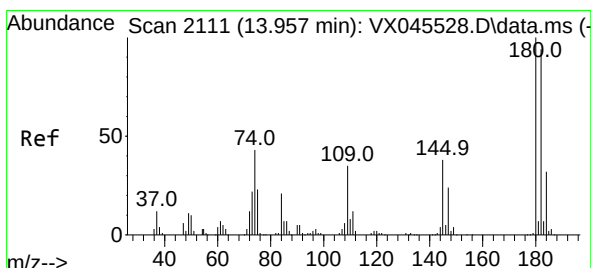
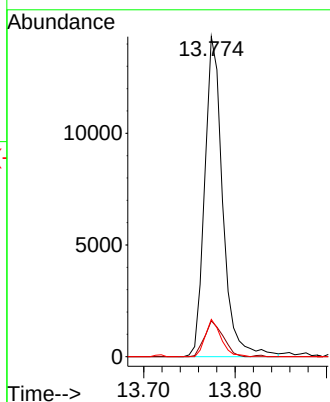
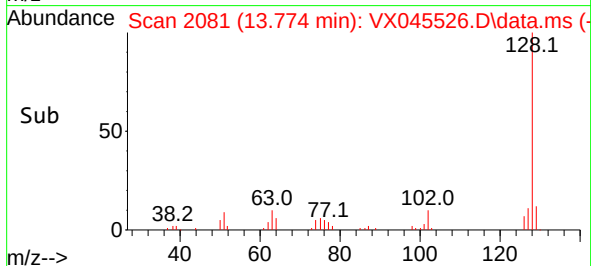
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



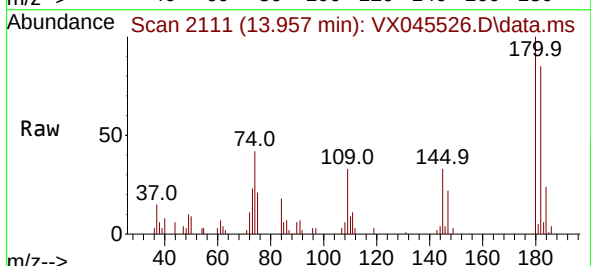
Tgt Ion:128 Resp: 19618
Ion Ratio Lower Upper
128 100
127 11.5 10.3 15.5
129 10.2 8.6 12.8

Manual Integrations
APPROVED

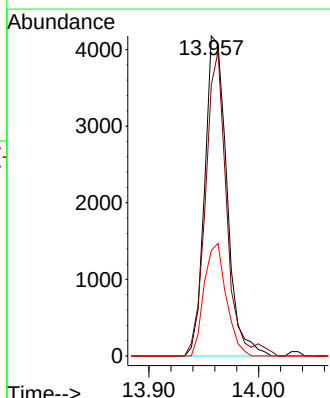
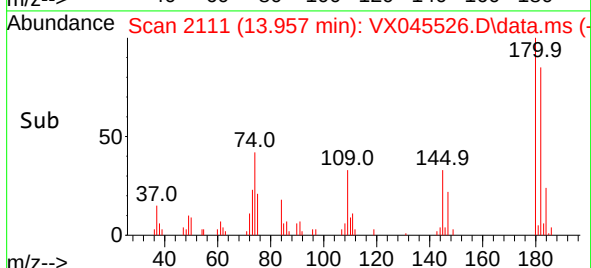
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.692 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29



Tgt Ion:180 Resp: 5854
Ion Ratio Lower Upper
180 100
182 90.7 47.3 141.8
145 35.2 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045527.D
 Acq On : 01 Apr 2025 17:52
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	90228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	32500	19.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.400%#		
35) Dibromofluoromethane	5.385	113	21963	19.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.520%#		
50) Toluene-d8	8.647	98	79303	19.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.840%#		
62) 4-Bromofluorobenzene	11.079	95	28795	19.858	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.720%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25265	18.724	ug/l	97
3) Chloromethane	1.301	50	28034	20.223	ug/l	98
4) Vinyl Chloride	1.374	62	25285	19.931	ug/l	97
5) Bromomethane	1.593	94	11815	19.642	ug/l	99
6) Chloroethane	1.666	64	14071	20.905	ug/l	98
7) Trichlorofluoromethane	1.874	101	38815	20.518	ug/l	98
8) Diethyl Ether	2.136	74	12852	20.235	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22917	20.673	ug/l	95
10) Methyl Iodide	2.441	142	28478	20.596	ug/l	99
11) Tert butyl alcohol	2.983	59	22453	101.253	ug/l	100
12) 1,1-Dichloroethene	2.306	96	22103	20.406	ug/l	96
13) Acrolein	2.239	56	28991	94.938	ug/l	99
14) Allyl chloride	2.660	41	41233	20.063	ug/l	99
15) Acrylonitrile	3.062	53	74487	106.412	ug/l	98
16) Acetone	2.386	43	69788	103.000	ug/l	99
17) Carbon Disulfide	2.502	76	51771	19.352	ug/l	98
18) Methyl Acetate	2.703	43	31190	19.994	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	78284	20.660	ug/l	96
20) Methylene Chloride	2.782	84	26212	20.664	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	22968	20.755	ug/l	92
22) Diisopropyl ether	3.757	45	84046	20.760	ug/l #	81
23) Vinyl Acetate	3.721	43	361881	103.458	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47560	20.772	ug/l	99
25) 2-Butanone	4.556	43	105062	105.931	ug/l	99
26) 2,2-Dichloropropane	4.471	77	28956	19.574	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27425	20.342	ug/l	98
28) Bromochloromethane	4.897	49	22285	20.141	ug/l	100
29) Tetrahydrofuran	5.007	42	66994	104.187	ug/l	99
30) Chloroform	5.093	83	48639	20.646	ug/l	100
31) Cyclohexane	5.458	56	41450	20.478	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	40407	20.270	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30504	19.808	ug/l	98
37) Ethyl Acetate	4.715	43	39163	20.180	ug/l	98
38) Carbon Tetrachloride	5.672	117	33533	20.148	ug/l	94
39) Methylcyclohexane	7.373	83	38303	20.291	ug/l	97
40) Benzene	6.031	78	97667	20.766	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045527.D
 Acq On : 01 Apr 2025 17:52
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 02 02:52:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21740	21.046	ug/l	97
42) 1,2-Dichloroethane	6.086	62	41733	21.484	ug/l	100
43) Isopropyl Acetate	6.342	43	61222	20.814	ug/l	99
44) Trichloroethene	7.123	130	22918	20.501	ug/l	97
45) 1,2-Dichloropropane	7.428	63	24926	21.241	ug/l	90
46) Dibromomethane	7.580	93	19104	21.207	ug/l	99
47) Bromodichloromethane	7.818	83	37036	20.587	ug/l	99
48) Methyl methacrylate	7.696	41	31247	20.575	ug/l	99
49) 1,4-Dioxane	7.659	88	12104	440.515	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	212645	109.055	ug/l	99
52) Toluene	8.714	92	60357	21.208	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29870	18.764	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	35099	20.762	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	24191	21.331	ug/l	96
56) Ethyl methacrylate	9.116	69	36155	20.600	ug/l	99
57) 1,3-Dichloropropane	9.305	76	41900	21.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	91923	103.534	ug/l	100
59) 2-Hexanone	9.427	43	156999	108.730	ug/l	99
60) Dibromochloromethane	9.519	129	25992	21.023	ug/l	98
61) 1,2-Dibromoethane	9.604	107	24456	21.303	ug/l	99
64) Tetrachloroethene	9.269	164	21379	21.015	ug/l	98
65) Chlorobenzene	10.079	112	64727	21.023	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21447	20.064	ug/l	98
67) Ethyl Benzene	10.189	91	115368	20.921	ug/l	99
68) m/p-Xylenes	10.299	106	84420	42.092	ug/l	99
69) o-Xylene	10.640	106	41803	21.158	ug/l	100
70) Styrene	10.653	104	69290	21.249	ug/l	99
71) Bromoform	10.799	173	15659	19.619	ug/l #	99
73) Isopropylbenzene	10.957	105	110396	21.093	ug/l	100
74) N-amyl acetate	10.842	43	51238	20.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38177	20.764	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32690m	20.510	ug/l	
77) Bromobenzene	11.195	156	24902	20.592	ug/l	100
78) n-propylbenzene	11.299	91	130994	21.729	ug/l	98
79) 2-Chlorotoluene	11.360	91	81817	21.229	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	93328	21.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8435	17.961	ug/l	88
82) 4-Chlorotoluene	11.451	91	90704	21.108	ug/l	99
83) tert-Butylbenzene	11.713	119	89828	20.964	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	92242	21.235	ug/l	100
85) sec-Butylbenzene	11.890	105	112800	21.433	ug/l	100
86) p-Isopropyltoluene	12.006	119	91866	21.173	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45105	20.490	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	46208	20.706	ug/l	99
89) n-Butylbenzene	12.329	91	77739	20.662	ug/l	100
90) Hexachloroethane	12.536	117	14544	19.505	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	45732	20.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8153	21.203	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	24787	20.347	ug/l	98
94) Hexachlorobutadiene	13.725	225	10488	19.979	ug/l	97
95) Naphthalene	13.774	128	94875	20.928	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	26113	20.471	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

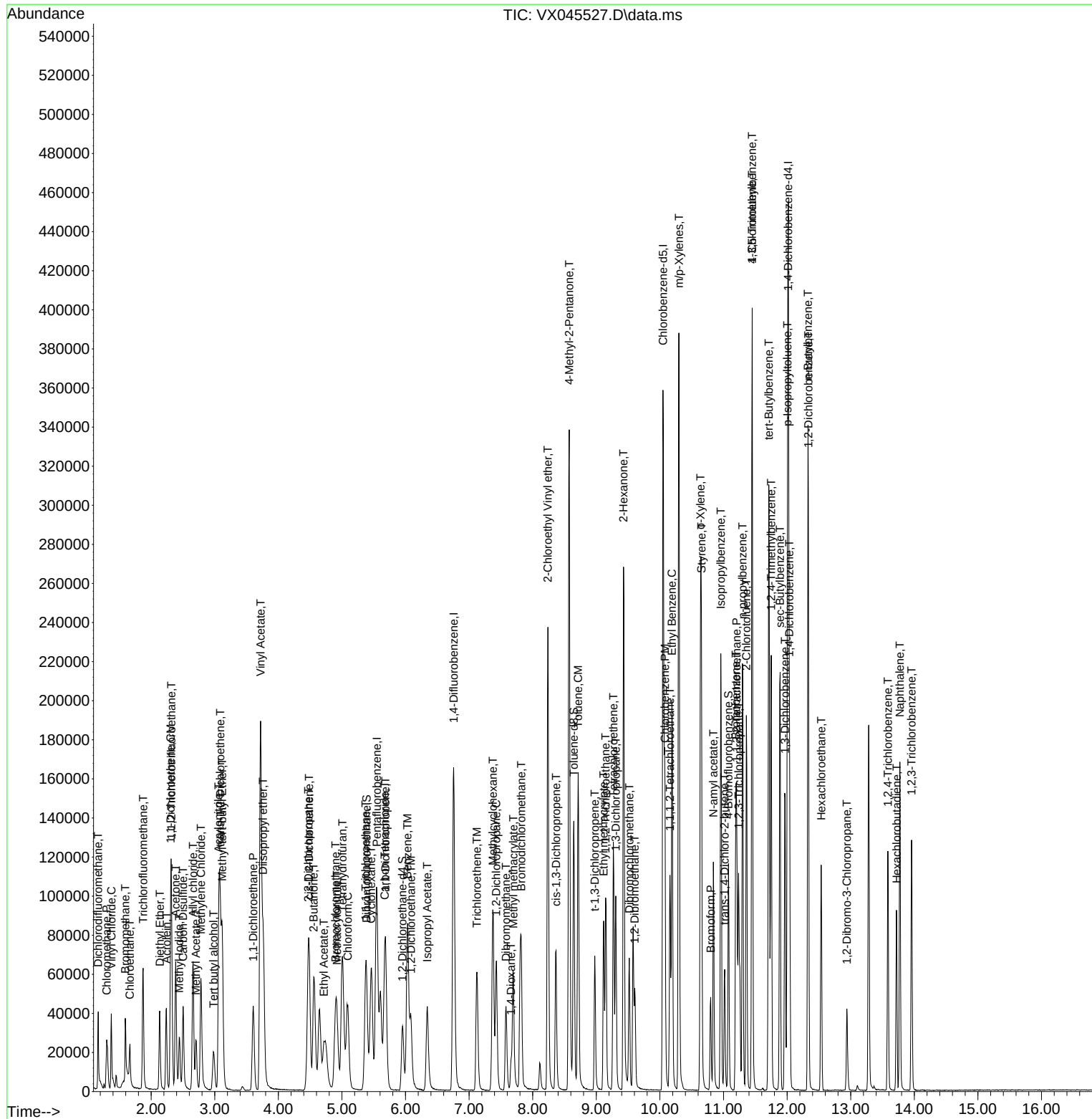
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Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

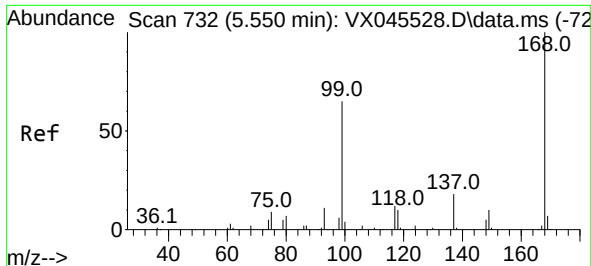
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

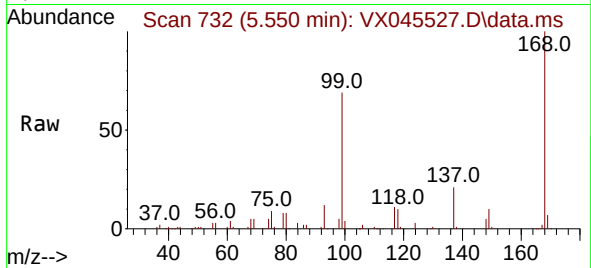
Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

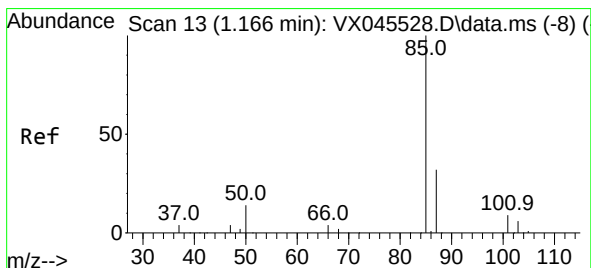
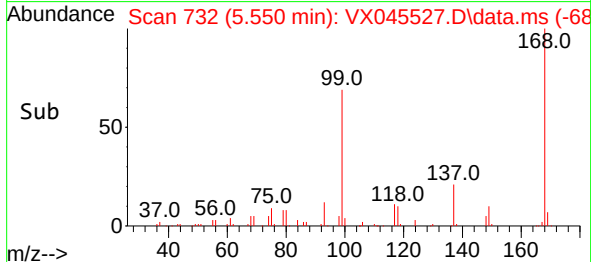
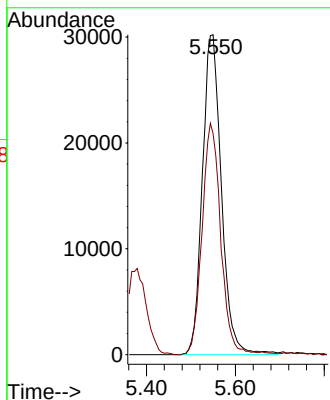
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 90228
Ion Ratio Lower Upper
168 100
99 69.1 52.3 78.5

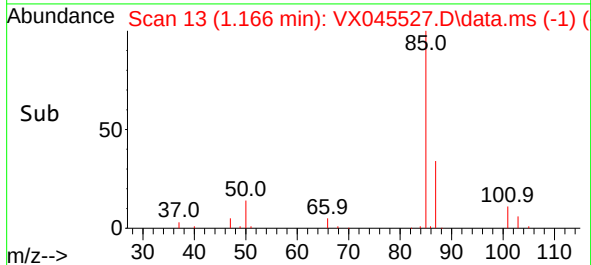
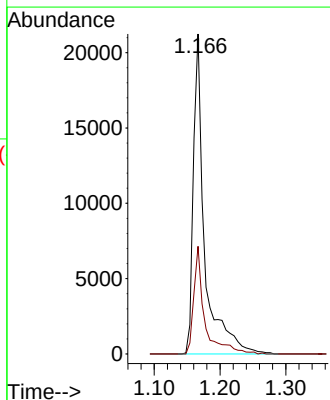
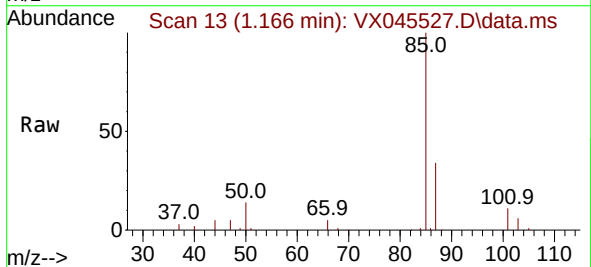
Manual Integrations
APPROVED

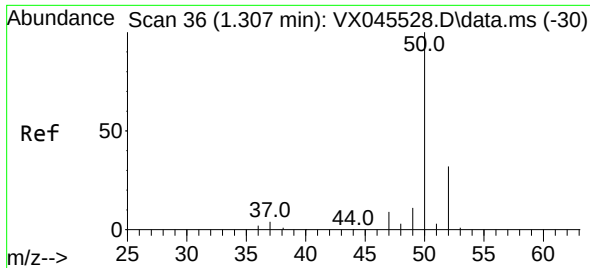
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 18.724 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 85 Resp: 25265
Ion Ratio Lower Upper
85 100
87 33.7 16.1 48.2





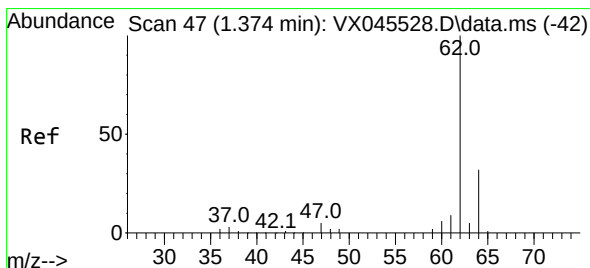
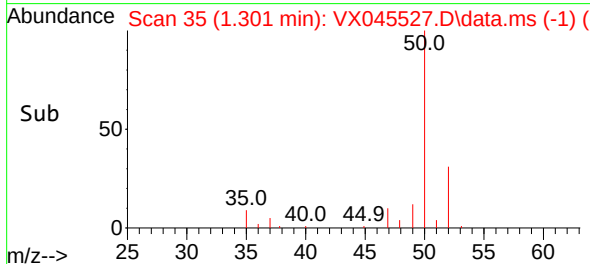
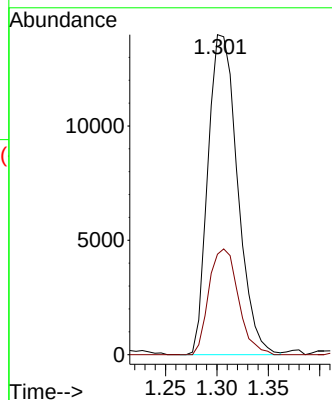
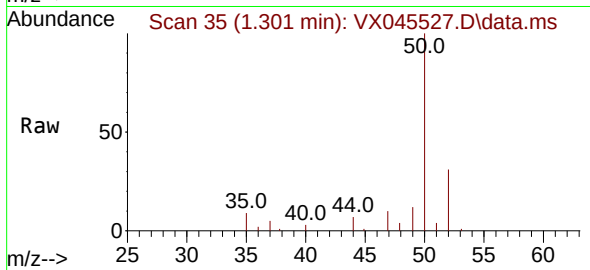
#3
Chloromethane
Concen: 20.223 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 28034
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9

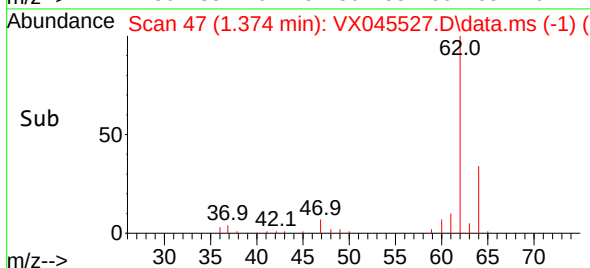
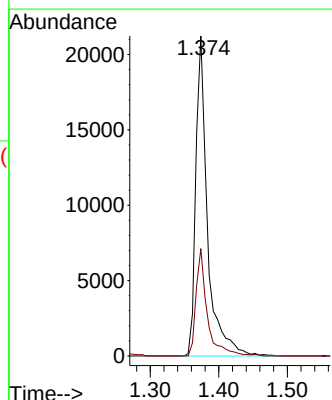
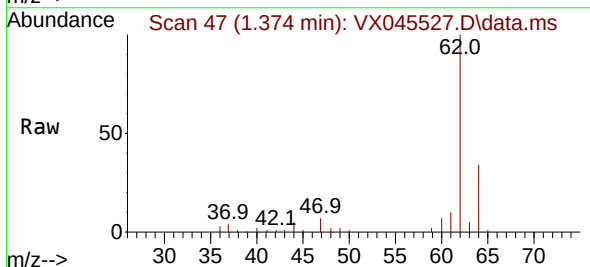
Manual Integrations
APPROVED

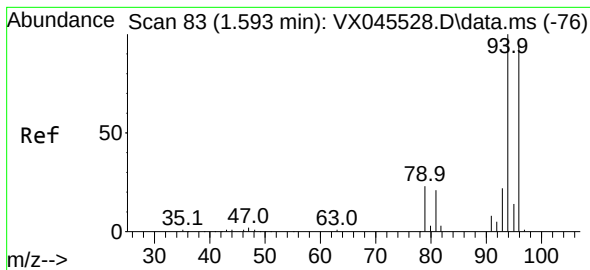
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 19.931 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

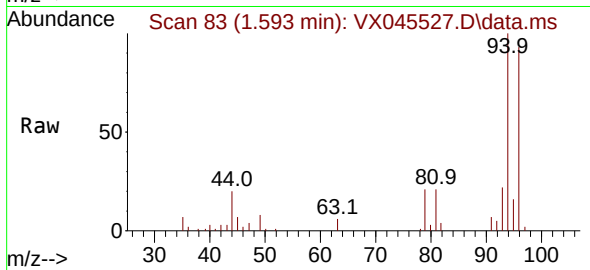
Tgt Ion: 62 Resp: 25285
Ion Ratio Lower Upper
62 100
64 33.5 25.5 38.3





#5
Bromomethane
Concen: 19.642 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

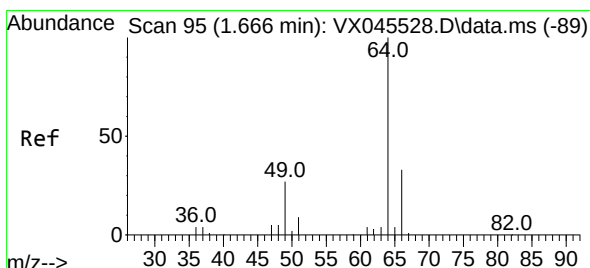
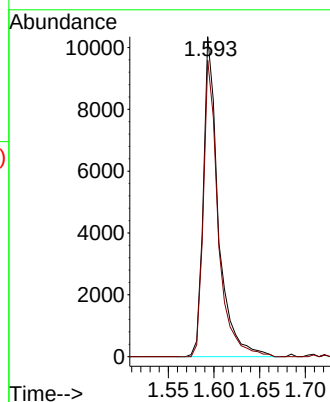
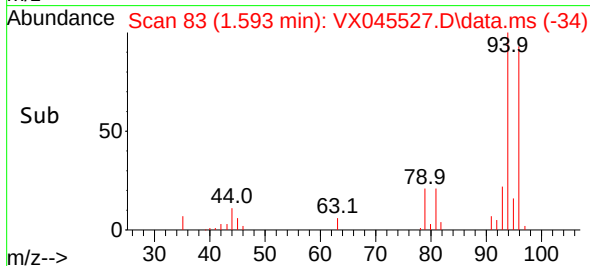
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 94 Resp: 1181
Ion Ratio Lower Upper
94 100
96 92.7 74.8 112.2

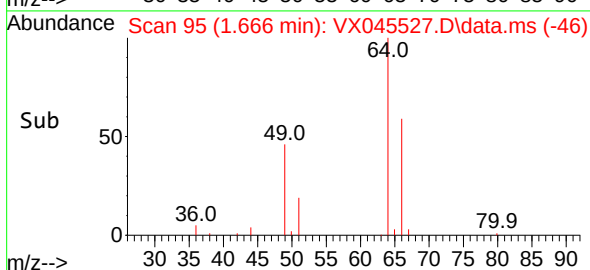
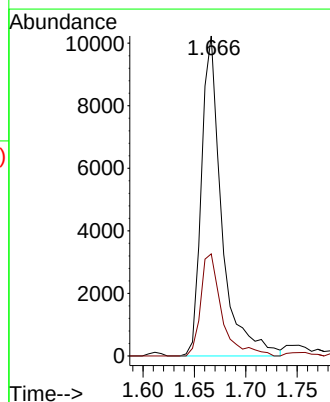
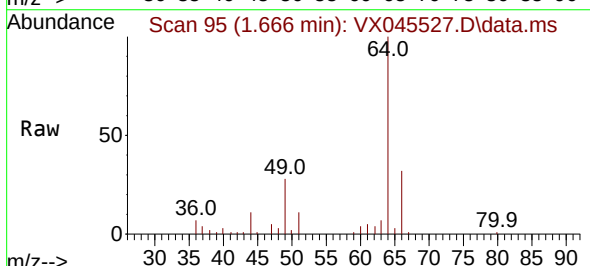
Manual Integrations
APPROVED

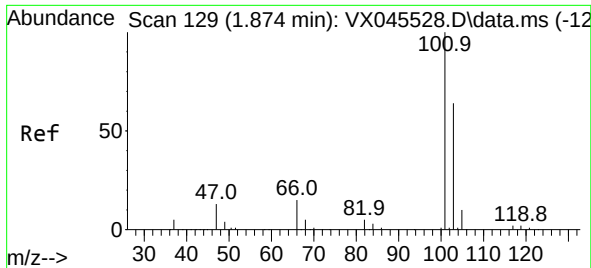
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 20.905 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

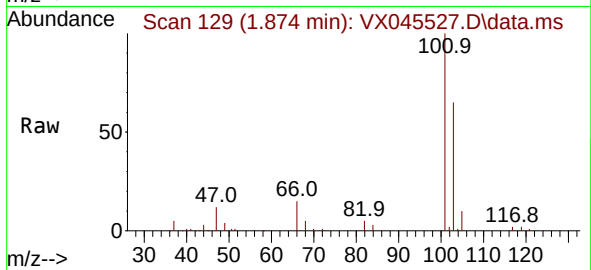
Tgt Ion: 64 Resp: 14071
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 20.518 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

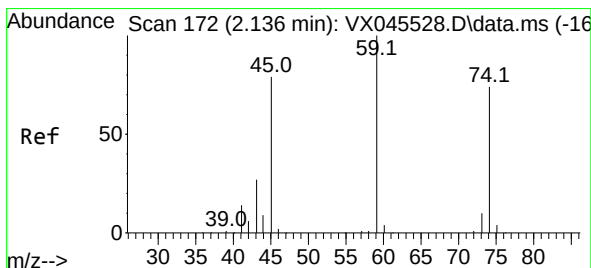
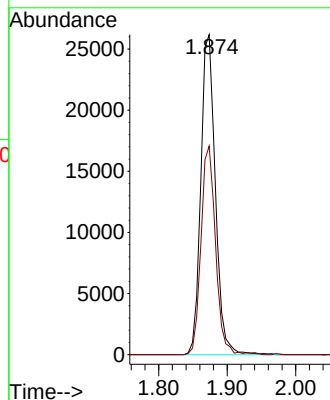
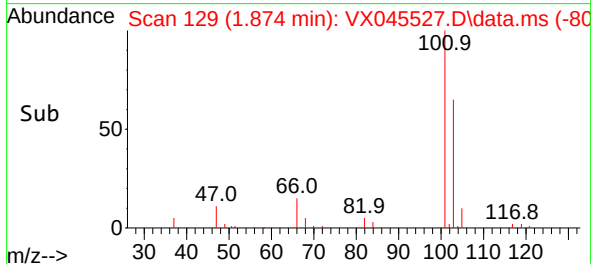
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 3881
Ion Ratio Lower Upper
101 100
103 65.2 51.1 76.7

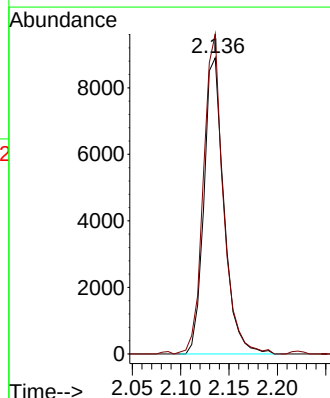
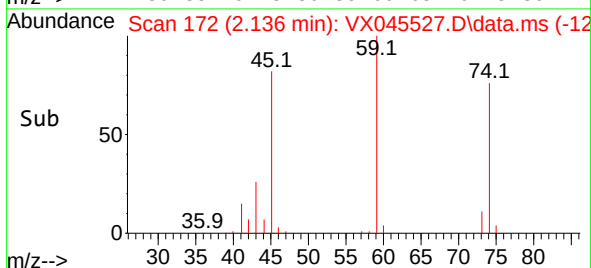
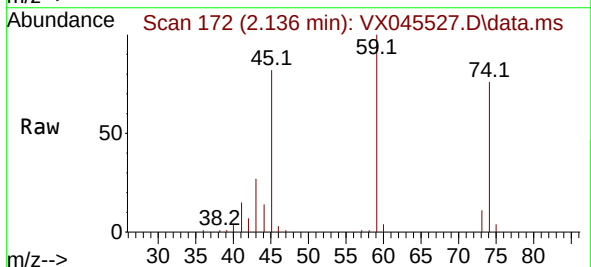
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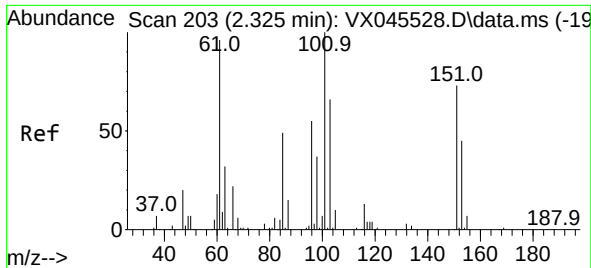
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#8
Diethyl Ether
Concen: 20.235 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 74 Resp: 12852
Ion Ratio Lower Upper
74 100
45 107.6 53.0 159.1





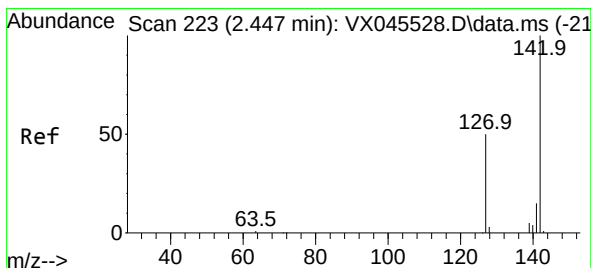
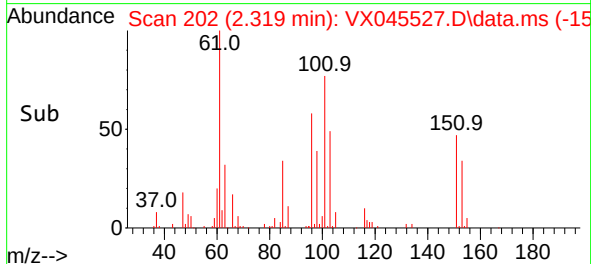
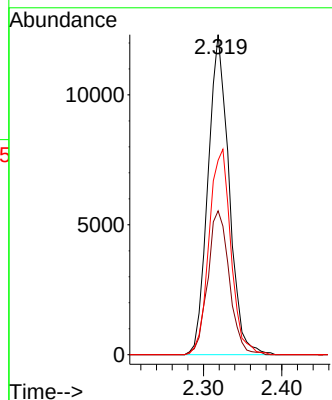
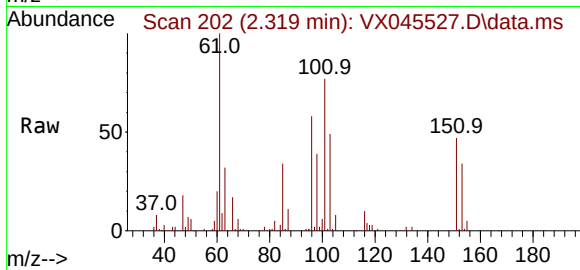
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.673 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2291
Ion Ratio Lower Upper
101 100
85 46.2 38.9 58.3
151 66.8 57.5 86.3

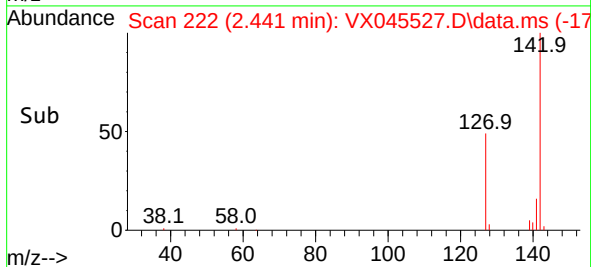
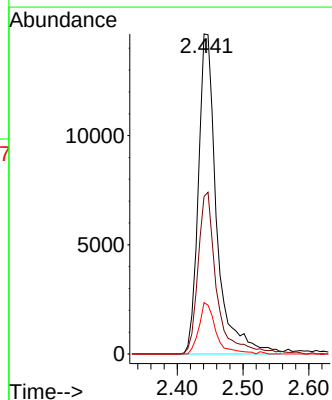
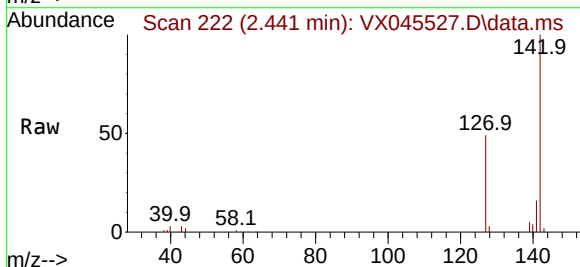
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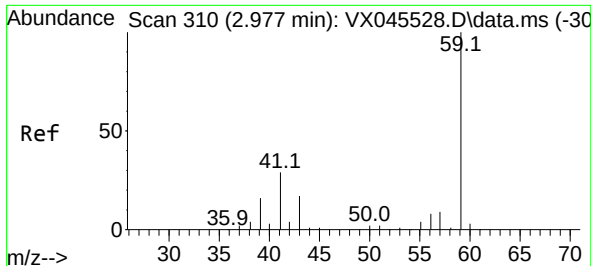
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 20.596 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:142 Resp: 28478
Ion Ratio Lower Upper
142 100
127 51.5 40.2 60.4
141 14.8 11.7 17.5





#11

Tert butyl alcohol

Concen: 101.253 ug/l

RT: 2.983 min Scan# 310

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 2245

Ion Ratio Lower Upper

59 100

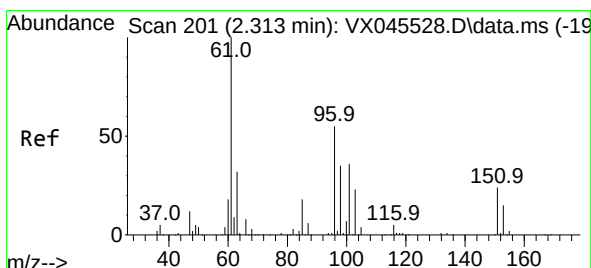
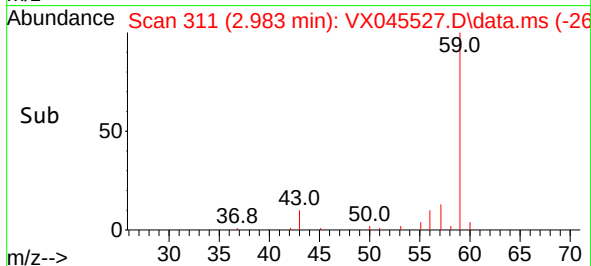
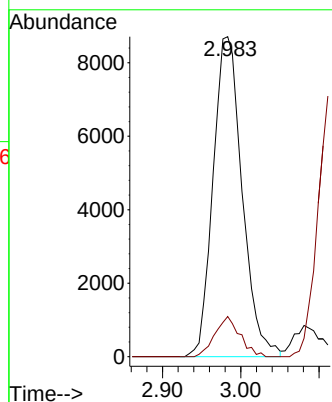
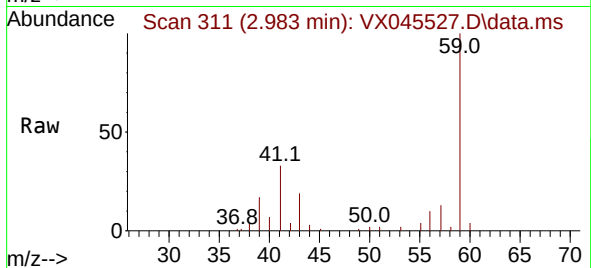
57 10.8 8.6 12.8

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APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#12

1,1-Dichloroethene

Concen: 20.406 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

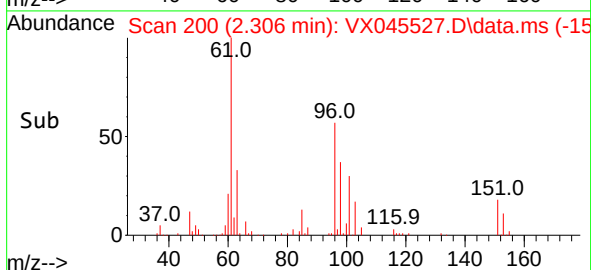
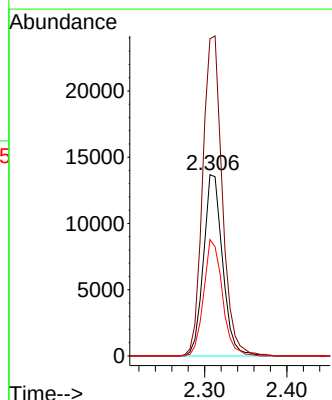
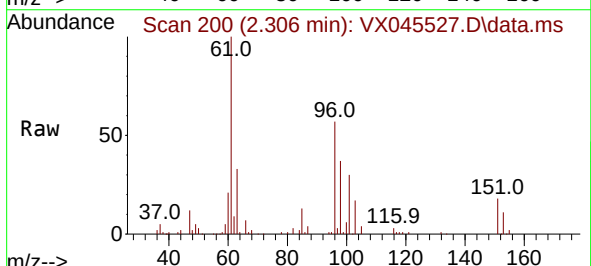
Tgt Ion: 96 Resp: 22103

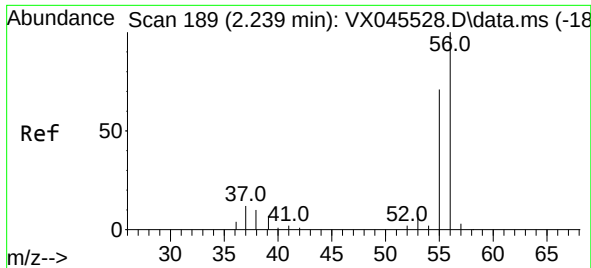
Ion Ratio Lower Upper

96 100

61 175.0 145.7 218.5

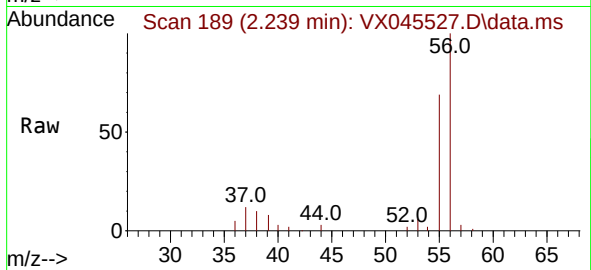
98 64.2 51.6 77.4





#13
Acrolein
Concen: 94.938 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

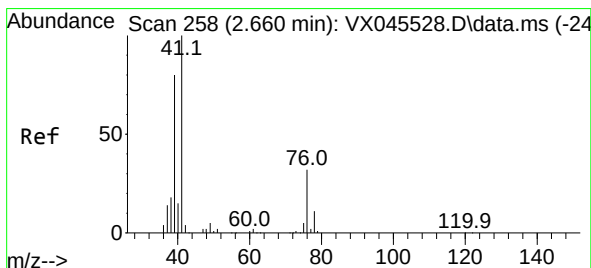
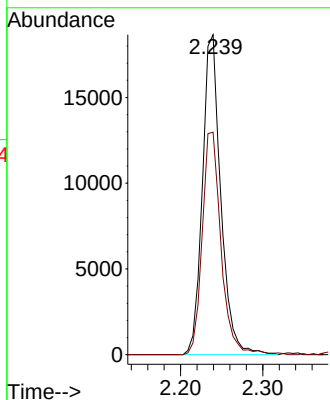
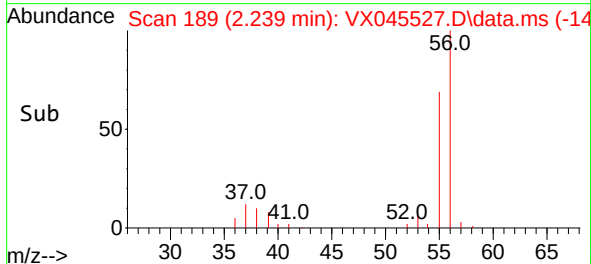
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 2899
Ion Ratio Lower Upper
56 100
55 71.2 56.2 84.2

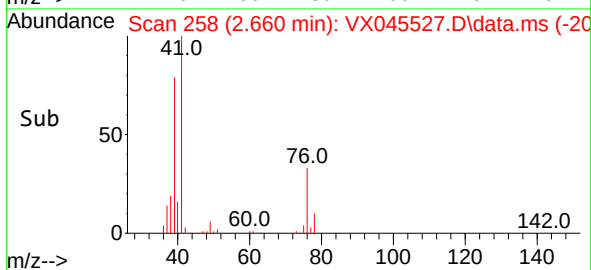
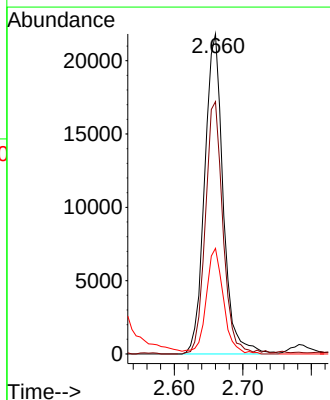
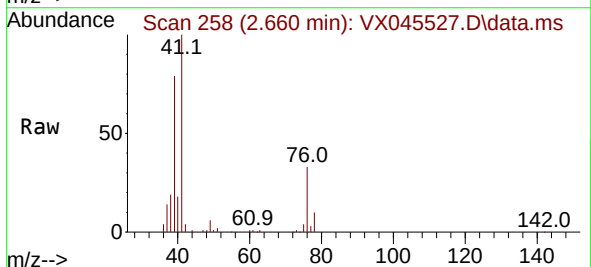
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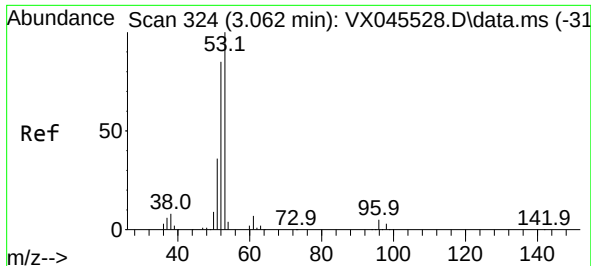
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#14
Allyl chloride
Concen: 20.063 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

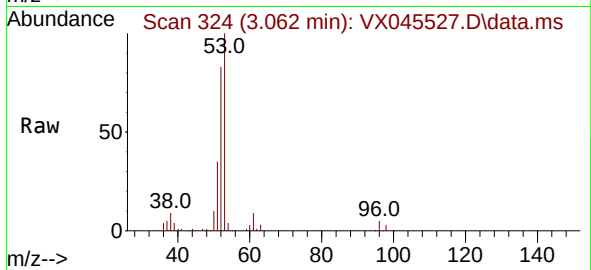
Tgt Ion: 41 Resp: 41233
Ion Ratio Lower Upper
41 100
39 74.2 60.2 90.2
76 31.0 24.6 36.8





#15
Acrylonitrile
Concen: 106.412 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

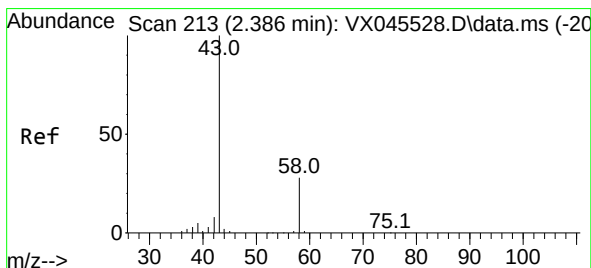
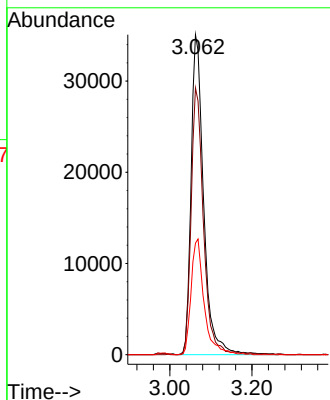
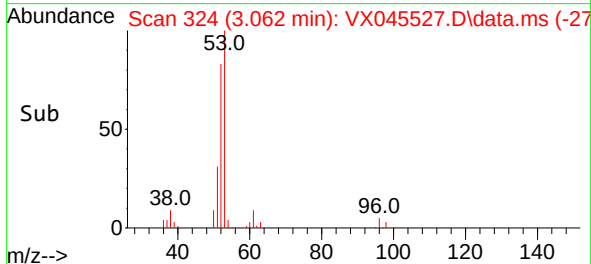
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 7448
Ion Ratio Lower Upper
53 100
52 81.8 67.4 101.2
51 37.6 29.9 44.9

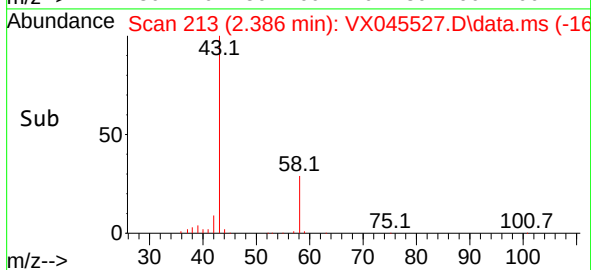
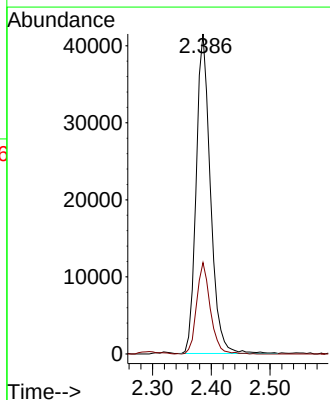
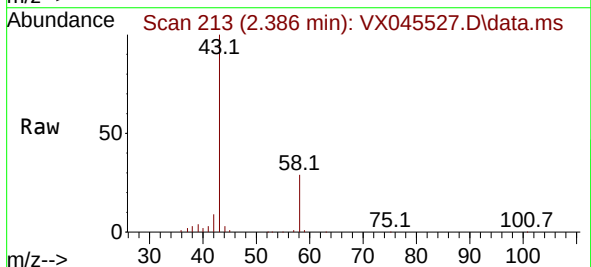
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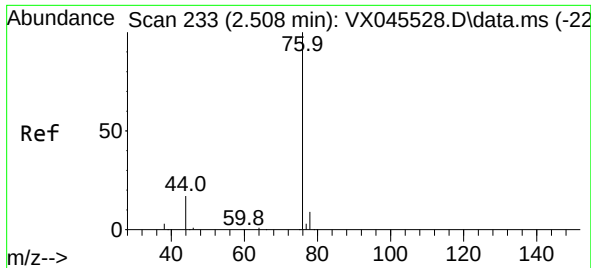
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#16
Acetone
Concen: 103.000 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 69788
Ion Ratio Lower Upper
43 100
58 28.6 22.3 33.5





#17

Carbon Disulfide

Concen: 19.352 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 5177

Ion Ratio Lower Upper

76 100

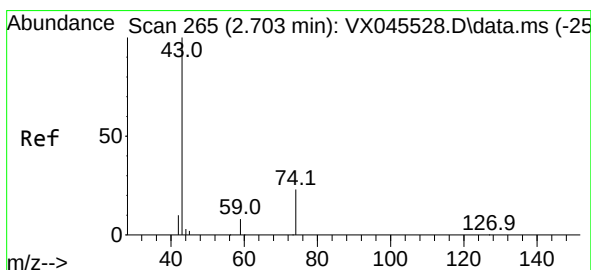
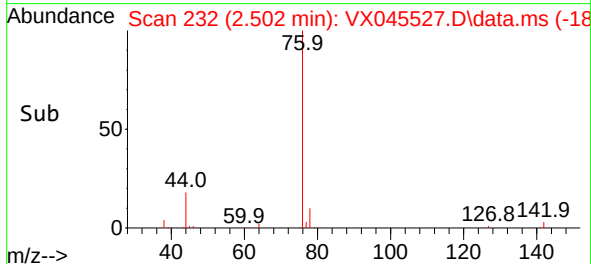
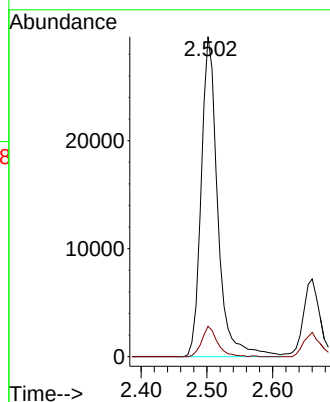
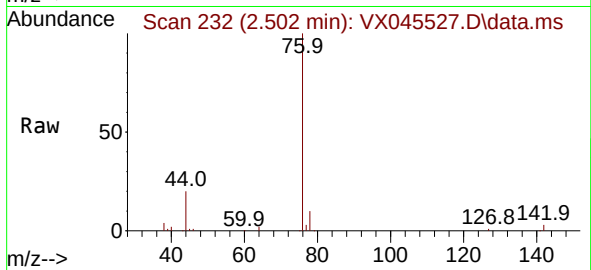
78 9.5 7.0 10.6

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Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#18

Methyl Acetate

Concen: 19.994 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045527.D

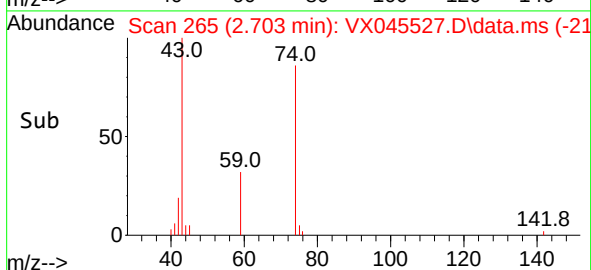
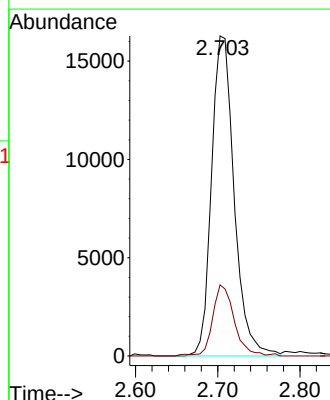
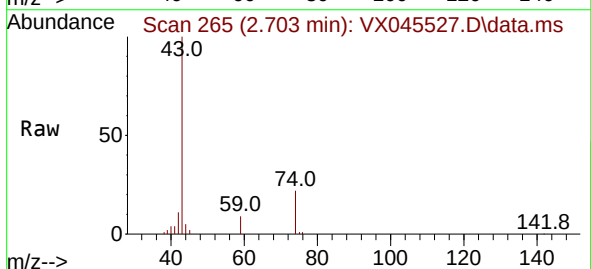
Acq: 01 Apr 2025 17:52

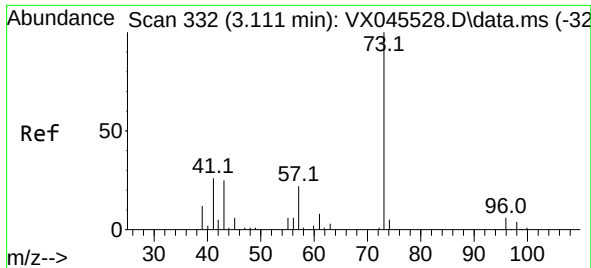
Tgt Ion: 43 Resp: 31190

Ion Ratio Lower Upper

43 100

74 21.3 17.5 26.3





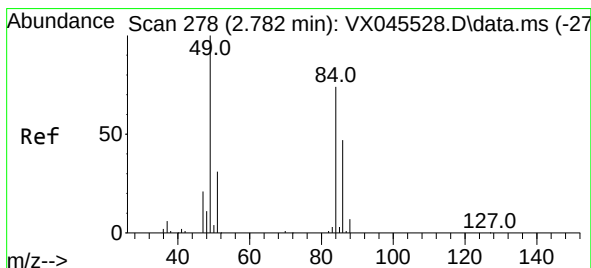
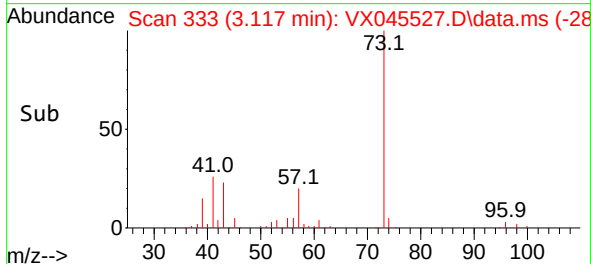
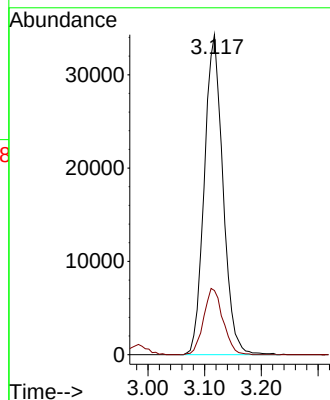
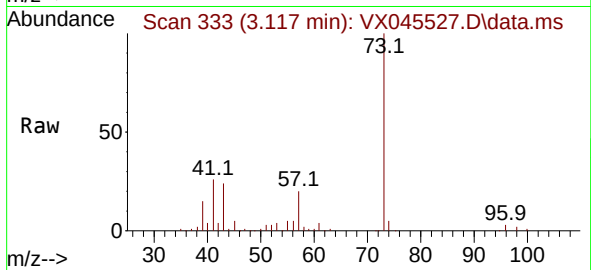
#19
Methyl tert-butyl Ether
Concen: 20.660 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 78284
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4

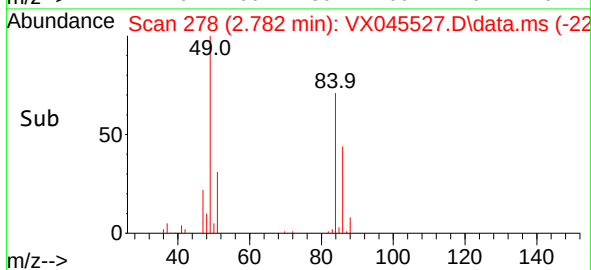
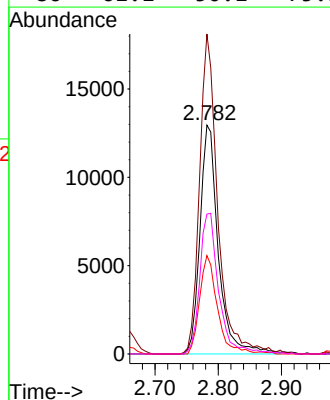
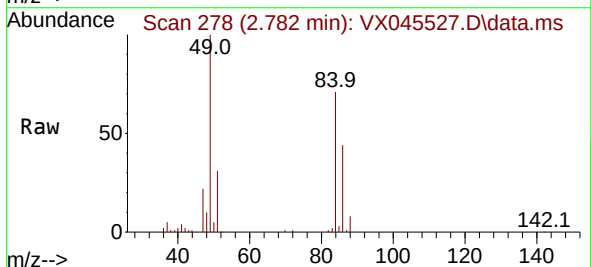
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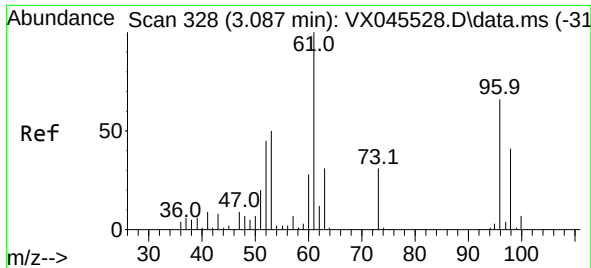
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#20
Methylene Chloride
Concen: 20.664 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

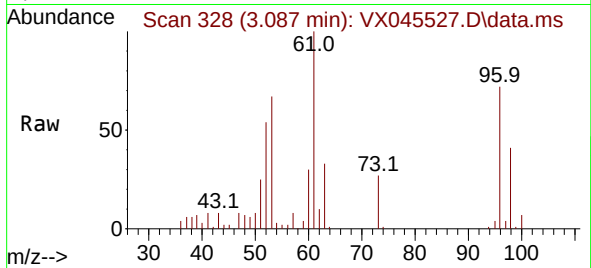
Tgt Ion: 84 Resp: 26212
Ion Ratio Lower Upper
84 100
49 139.9 107.5 161.3
51 43.0 33.0 49.6
86 61.1 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 20.755 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

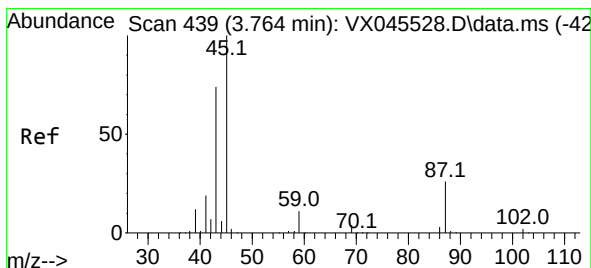
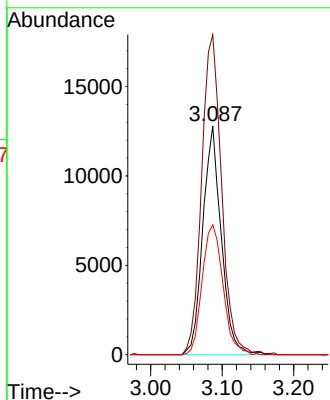
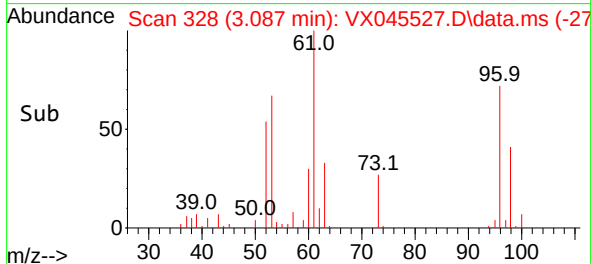
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 22968
Ion Ratio Lower Upper
96 100
61 139.8 121.0 181.6
98 56.7 49.7 74.5

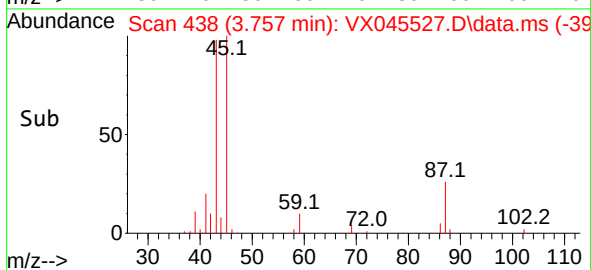
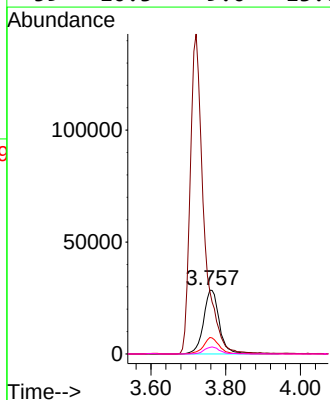
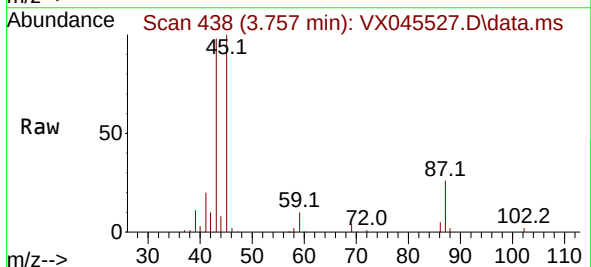
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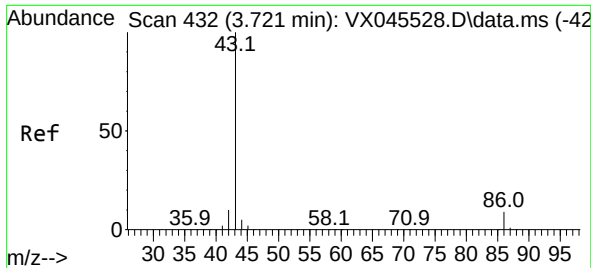
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#22
Diisopropyl ether
Concen: 20.760 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 45 Resp: 84046
Ion Ratio Lower Upper
45 100
43 98.0 59.3 88.9#
87 25.9 20.4 30.6
59 10.3 9.0 13.6





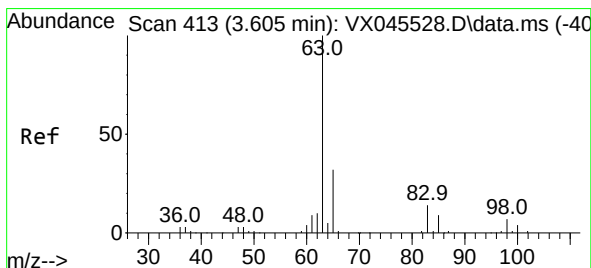
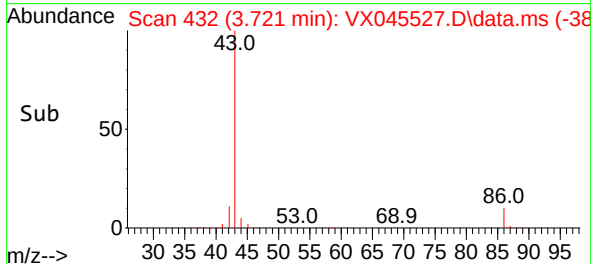
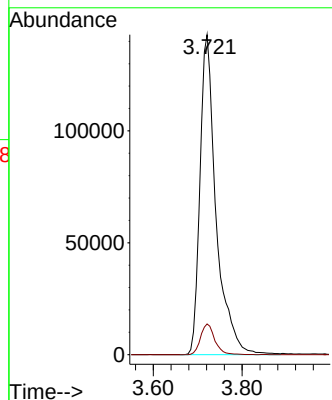
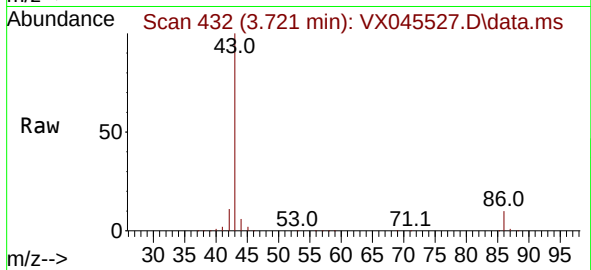
#23
 Vinyl Acetate
 Concen: 103.458 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 36188
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3

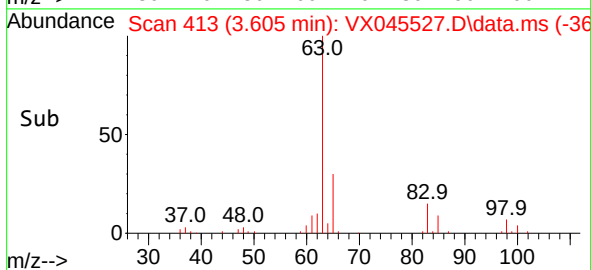
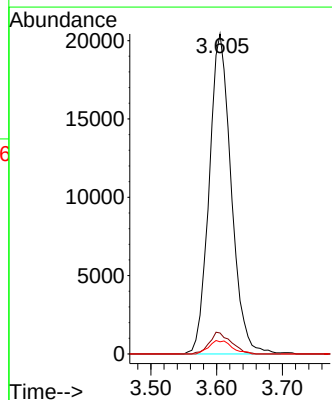
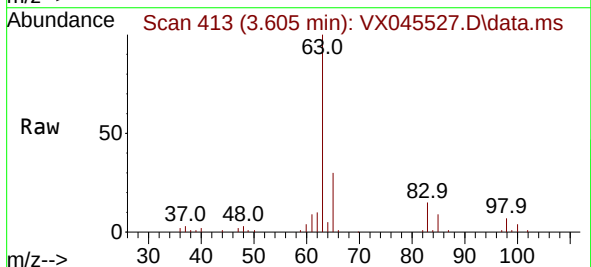
Manual Integrations
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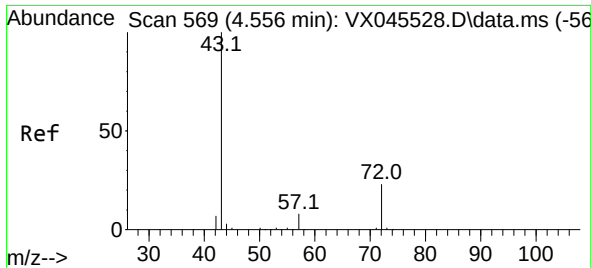
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#24
 1,1-Dichloroethane
 Concen: 20.772 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

Tgt Ion: 63 Resp: 47560
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 3.8 2.2 6.6





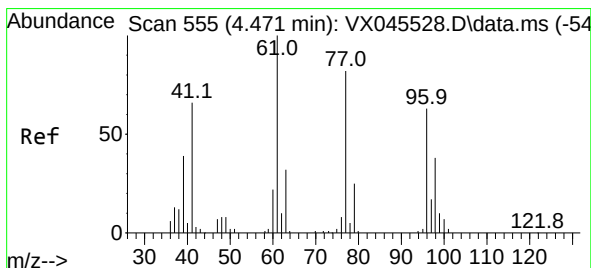
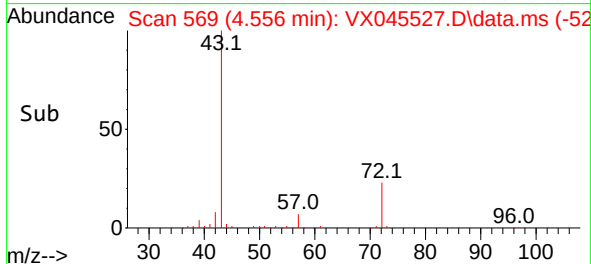
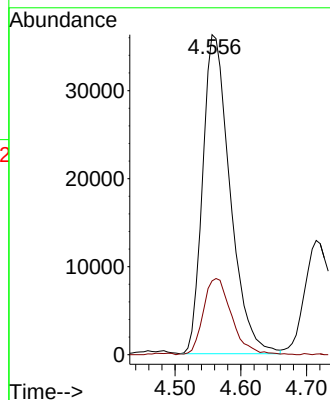
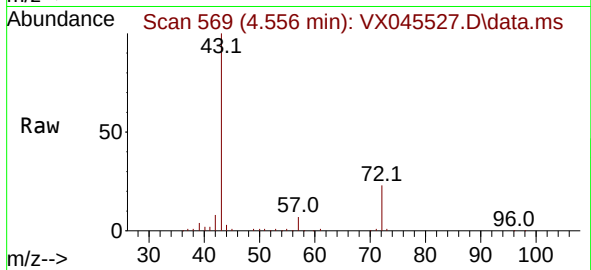
#25
2-Butanone
Concen: 105.931 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 105062
Ion Ratio Lower Upper
43 100
72 22.9 18.6 28.0

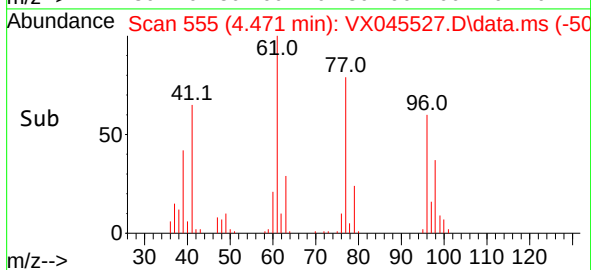
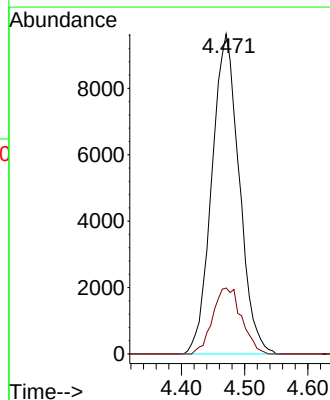
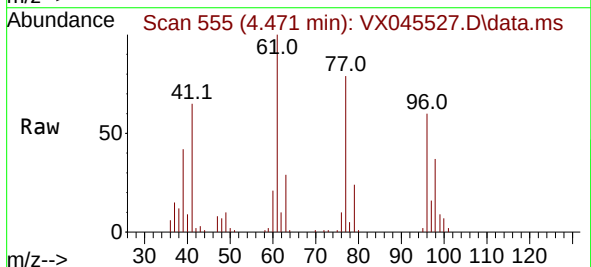
Manual Integrations
APPROVED

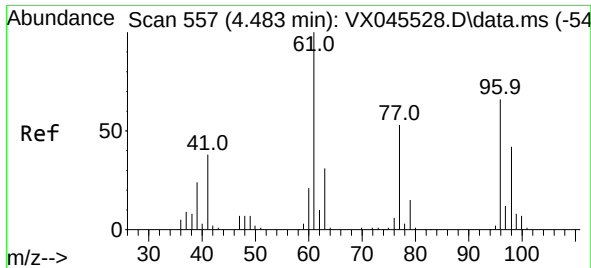
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 19.574 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 77 Resp: 28956
Ion Ratio Lower Upper
77 100
97 21.8 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 20.342 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 2742

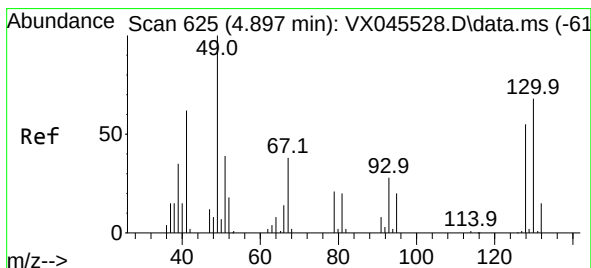
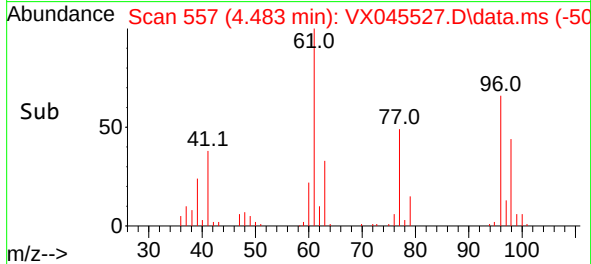
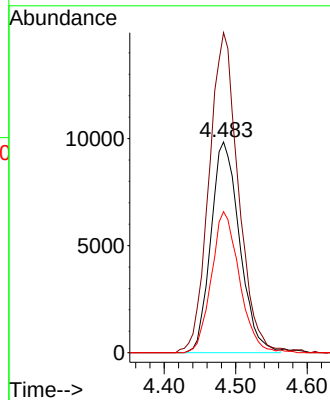
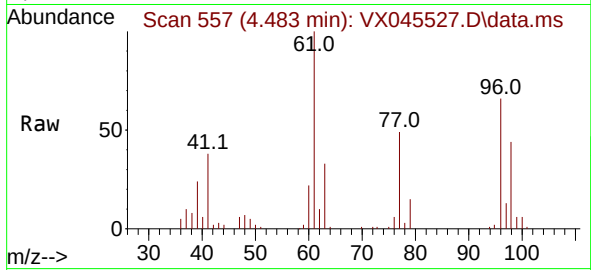
Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	313.2
98	65.5	0.0	126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 20.141 ug/l

RT: 4.897 min Scan# 625

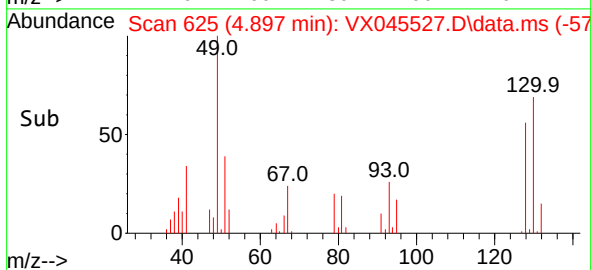
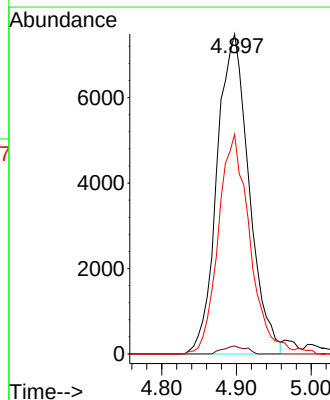
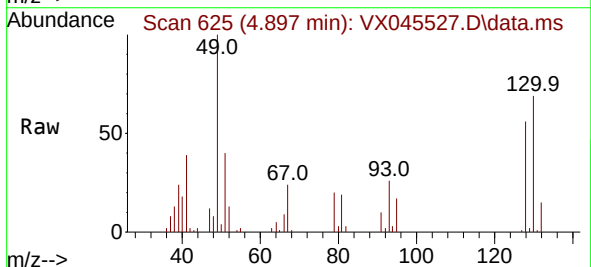
Delta R.T. 0.000 min

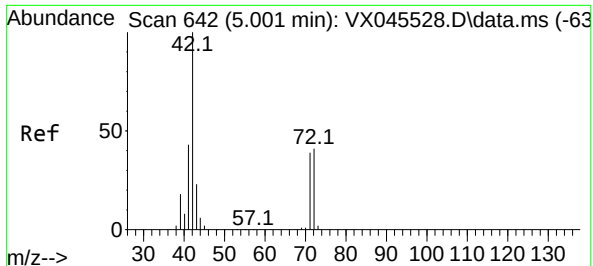
Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Tgt Ion: 49 Resp: 22285

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	68.0	54.6	81.8





#29

Tetrahydrofuran

Concen: 104.187 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

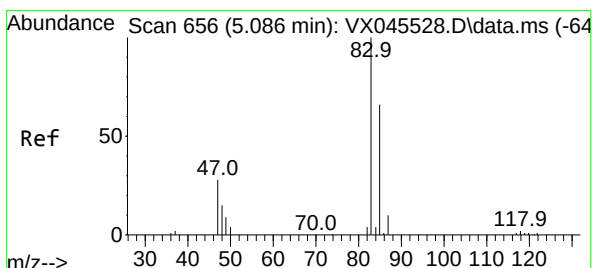
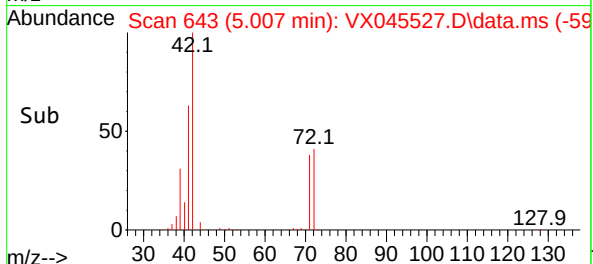
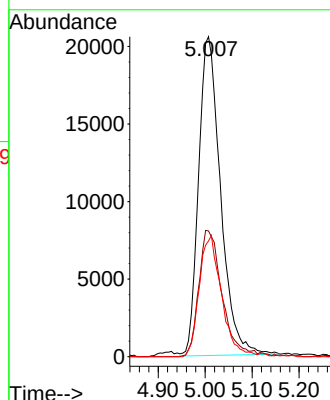
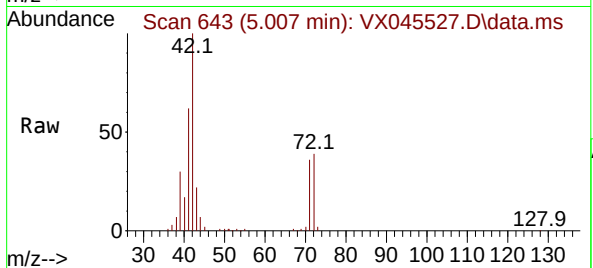
Tgt Ion: 42	Resp: 66994
Ion Ratio	Lower Upper
42 100	
72 42.1	33.4 50.0
71 38.2	31.4 47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#30

Chloroform

Concen: 20.646 ug/l

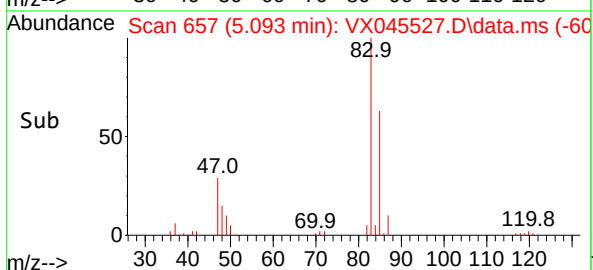
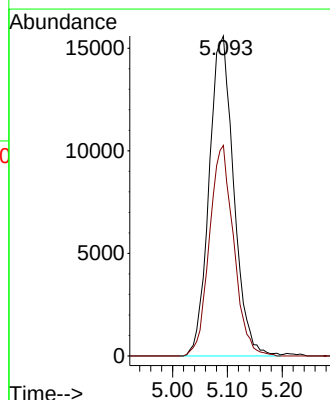
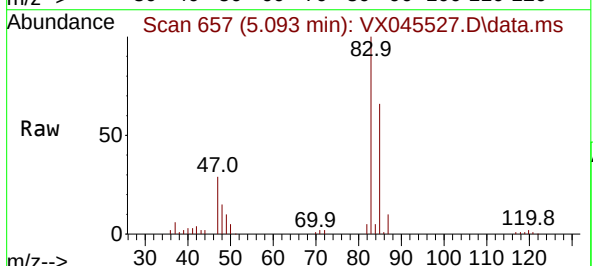
RT: 5.093 min Scan# 657

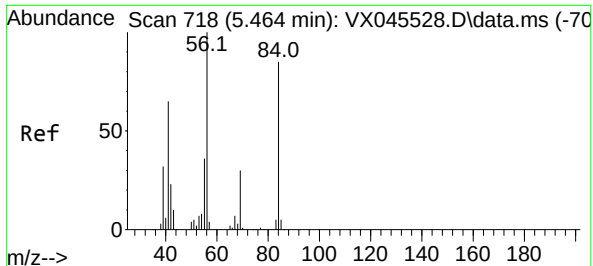
Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

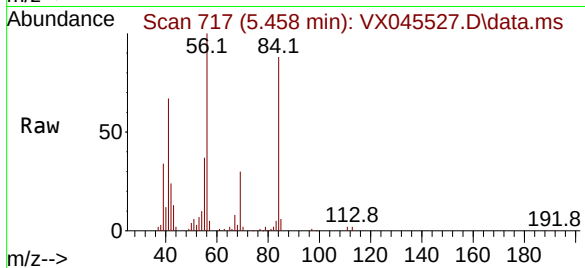
Tgt Ion: 83	Resp: 48639
Ion Ratio	Lower Upper
83 100	
85 65.8	52.8 79.2





#31
Cyclohexane
Concen: 20.478 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

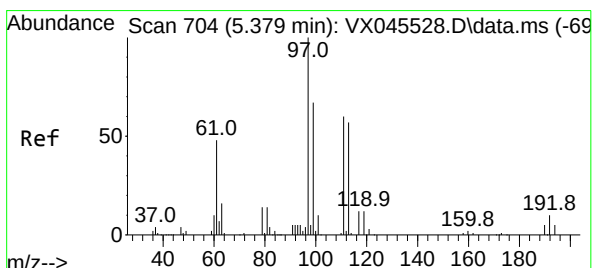
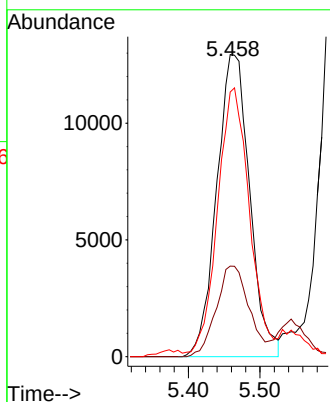
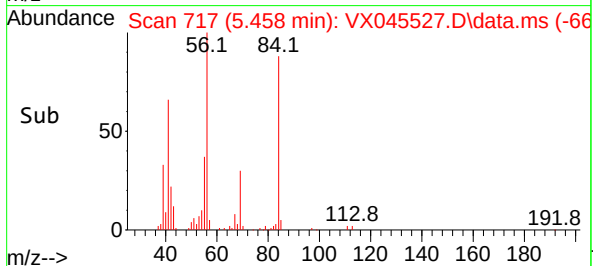
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



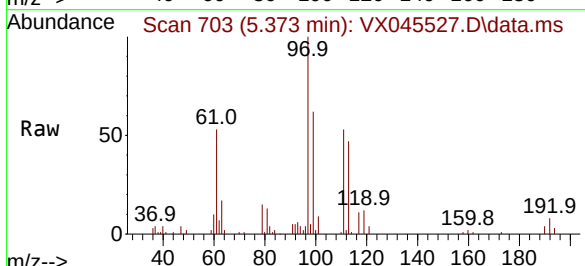
Tgt Ion: 56 Resp: 41450
Ion Ratio Lower Upper
56 100
69 30.0 23.6 35.4
84 85.5 67.7 101.5

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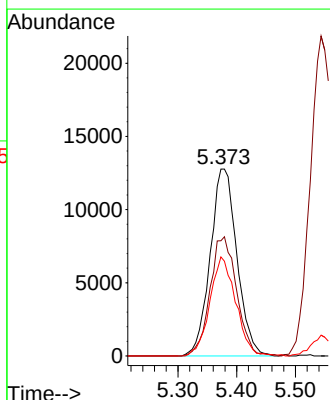
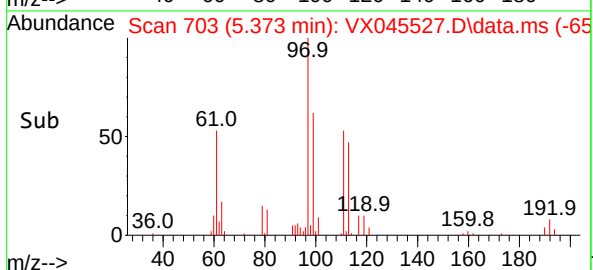
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

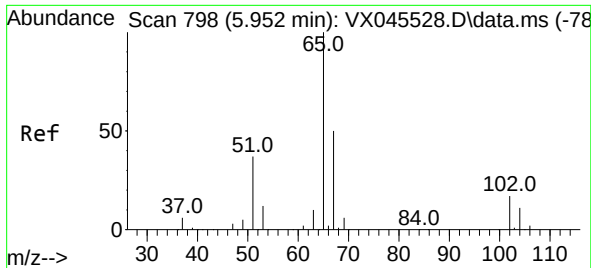


#32
1,1,1-Trichloroethane
Concen: 20.270 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52



Tgt Ion: 97 Resp: 40407
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 51.3 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 19.697 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 32500

Ion Ratio Lower Upper

65 100

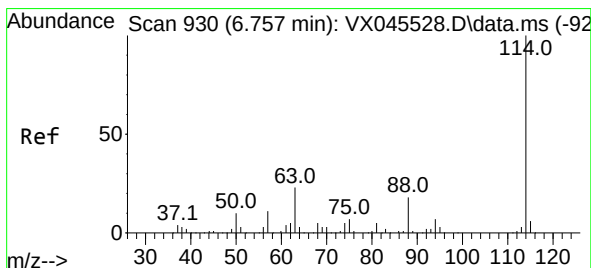
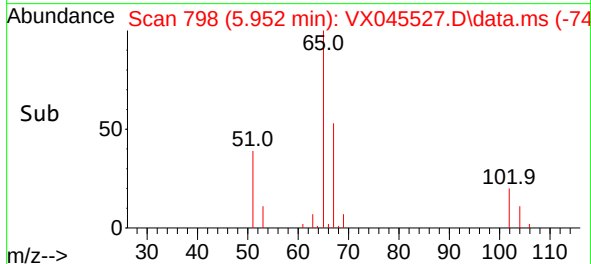
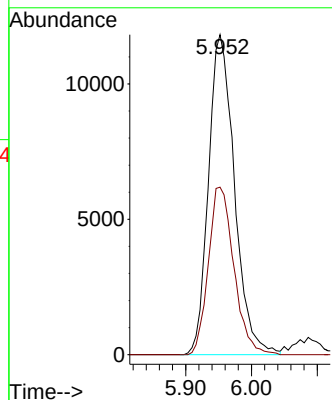
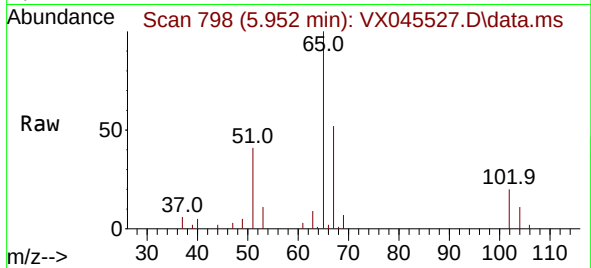
67 51.5 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

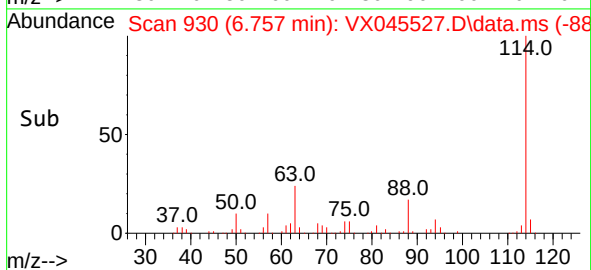
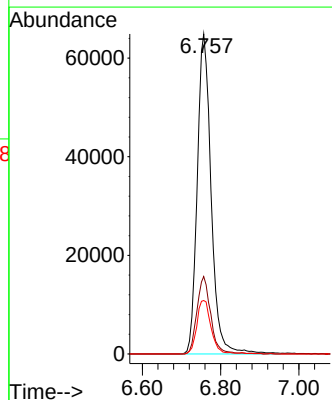
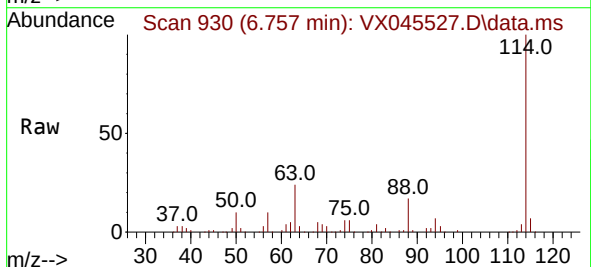
Tgt Ion:114 Resp: 160754

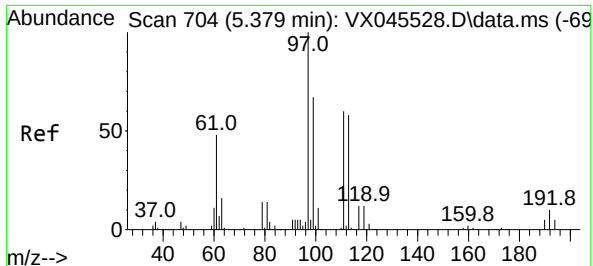
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.8

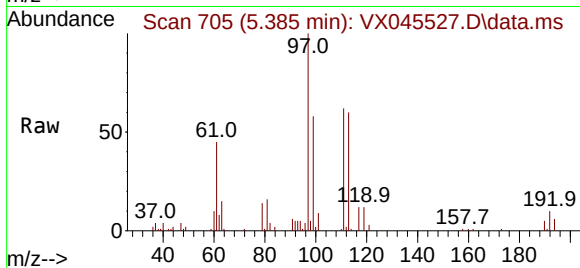
88 16.7 0.0 35.4





#35
Dibromofluoromethane
Concen: 19.256 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

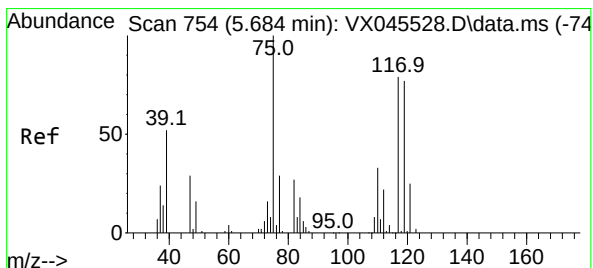
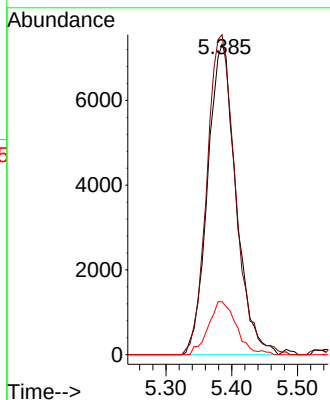
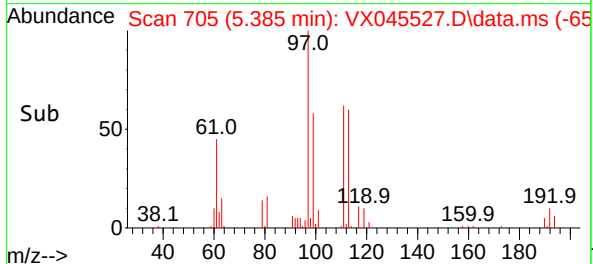
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 113 Resp: 2196
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 17.0 13.8 20.6

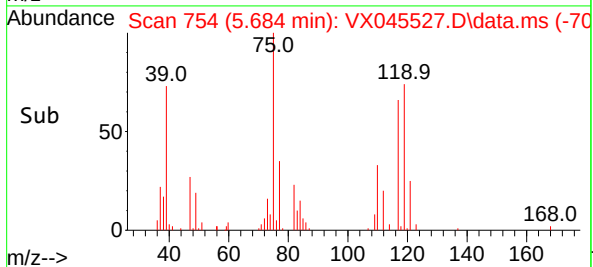
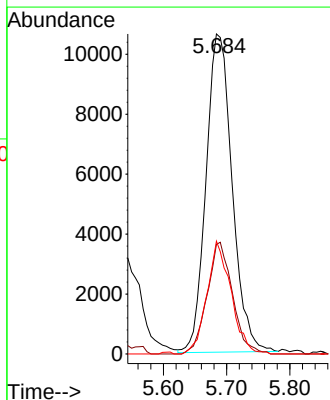
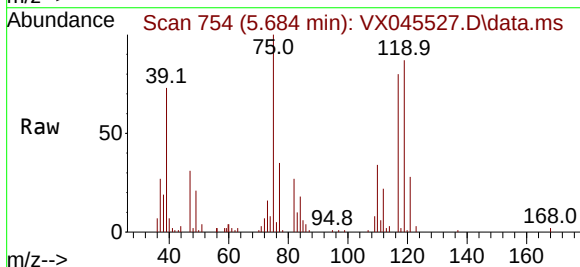
Manual Integrations
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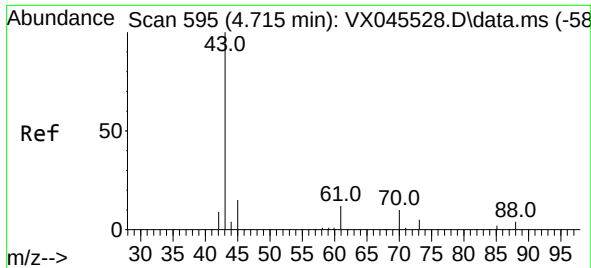
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#36
1,1-Dichloropropene
Concen: 19.808 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

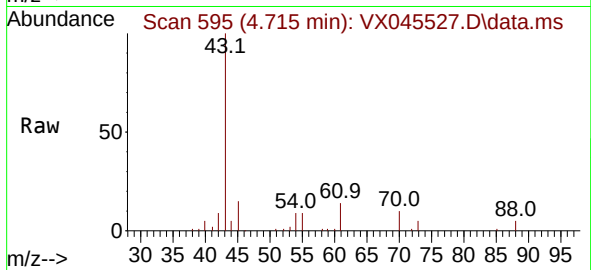
Tgt Ion: 75 Resp: 30504
Ion Ratio Lower Upper
75 100
110 34.0 16.9 50.6
77 32.7 25.0 37.4





#37
Ethyl Acetate
Concen: 20.180 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

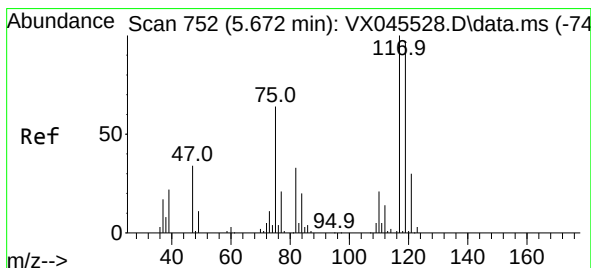
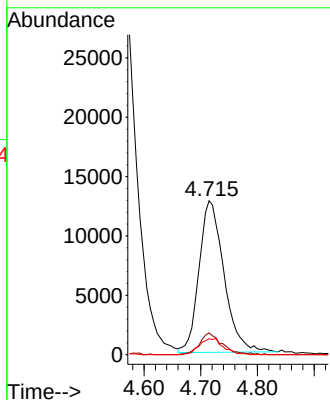
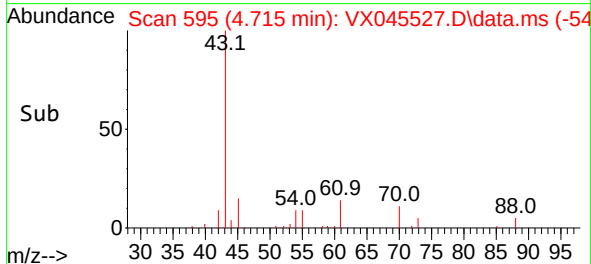
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



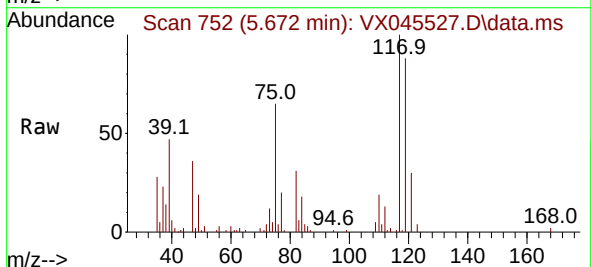
Tgt Ion: 43 Resp: 3916
Ion Ratio Lower Upper
43 100
61 13.1 9.9 14.9
70 10.1 7.5 11.3

Manual Integrations
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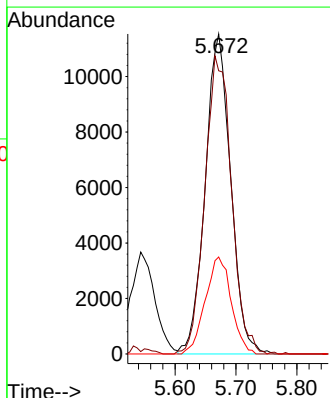
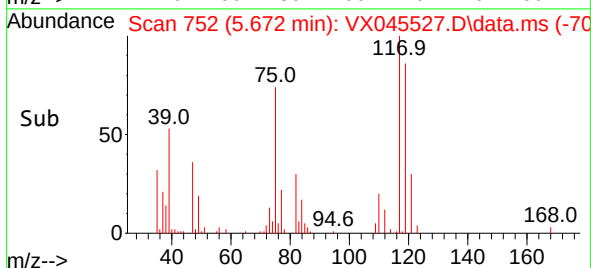
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

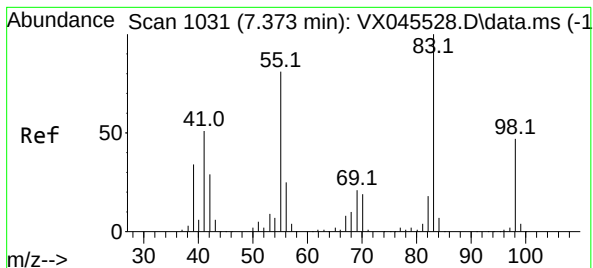


#38
Carbon Tetrachloride
Concen: 20.148 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52



Tgt Ion:117 Resp: 33533
Ion Ratio Lower Upper
117 100
119 88.5 76.9 115.3
121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 20.291 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

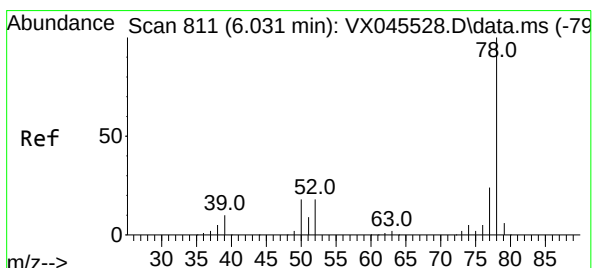
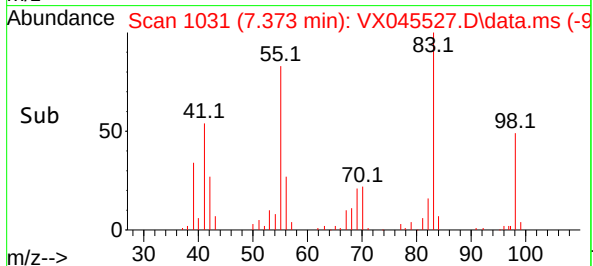
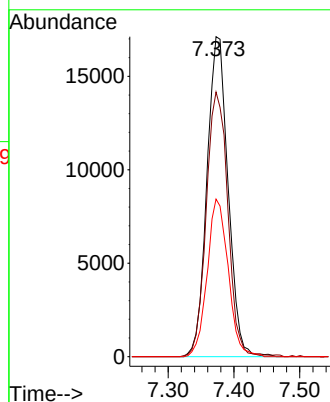
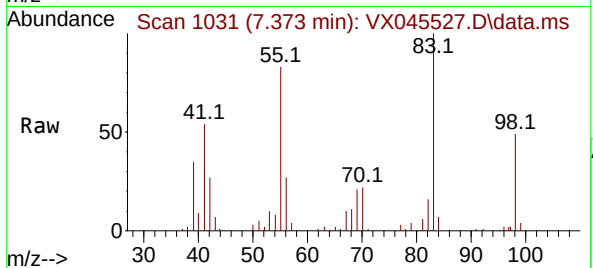
Tgt Ion: 83	Resp: 3830
Ion Ratio	Lower Upper
83	100
55	82.7 64.9 97.3
98	49.2 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#40

Benzene

Concen: 20.766 ug/l

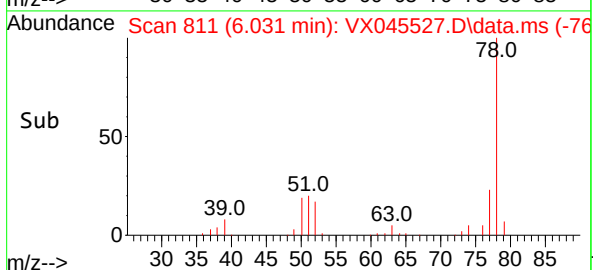
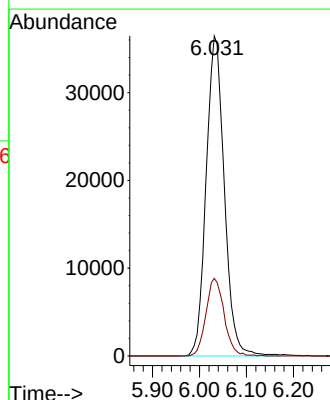
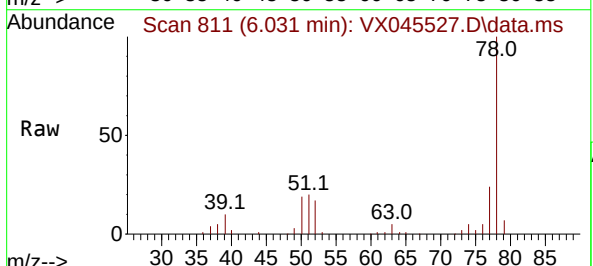
RT: 6.031 min Scan# 811

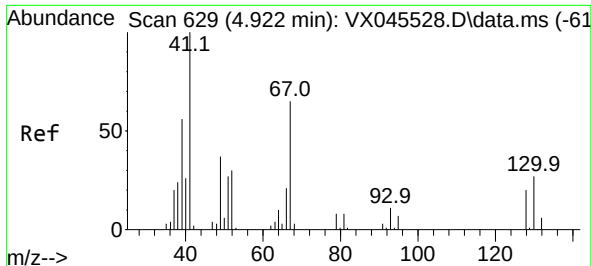
Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

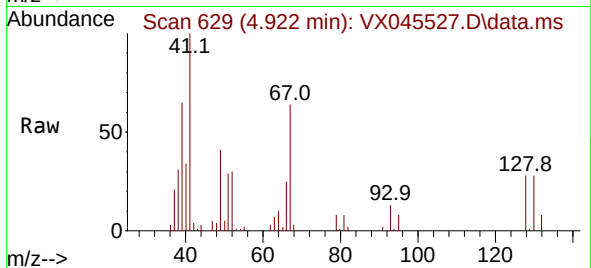
Tgt Ion: 78	Resp: 97667
Ion Ratio	Lower Upper
78	100
77	24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 21.046 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

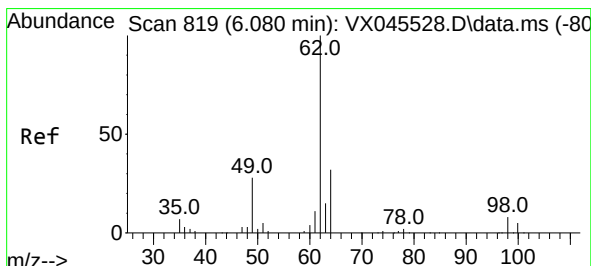
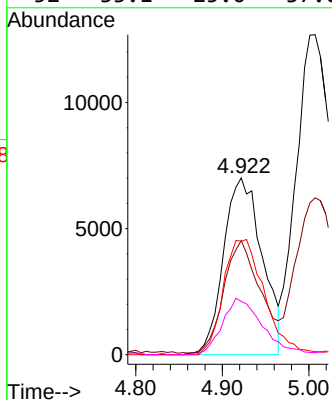
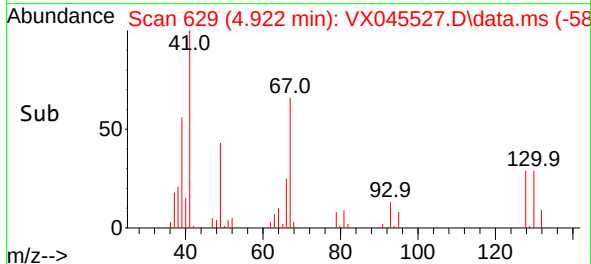
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



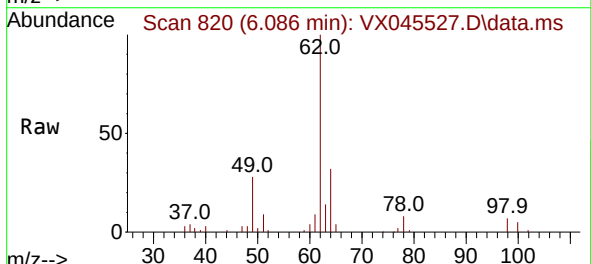
Tgt Ion: 41 Resp: 21740
Ion Ratio Lower Upper
41 100
39 60.3 47.0 70.6
67 69.9 53.2 79.8
52 33.1 25.0 37.6

Manual Integrations
APPROVED

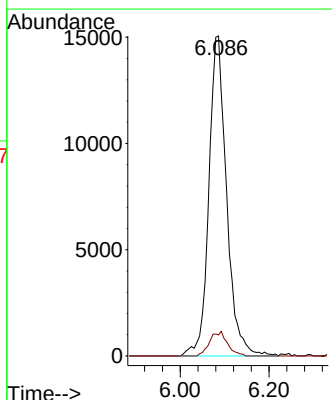
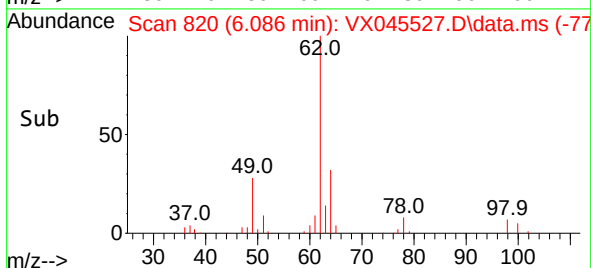
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

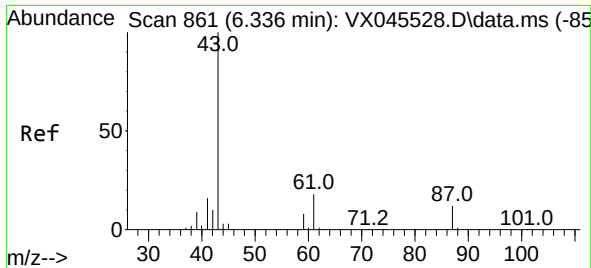


#42
1,2-Dichloroethane
Concen: 21.484 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52



Tgt Ion: 62 Resp: 41733
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43

Isopropyl Acetate

Concen: 20.814 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 6122

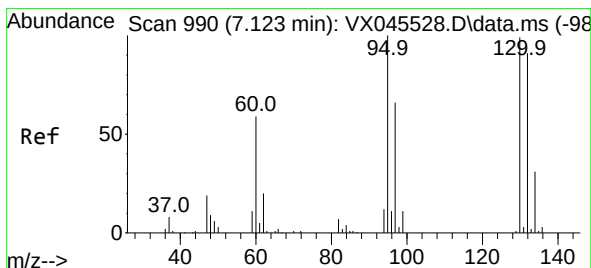
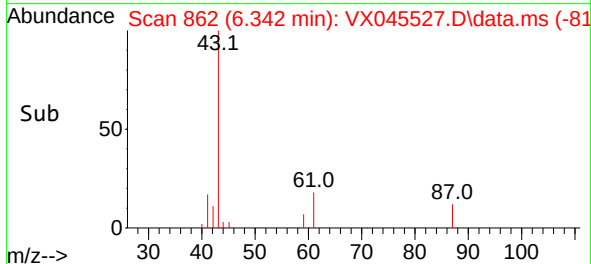
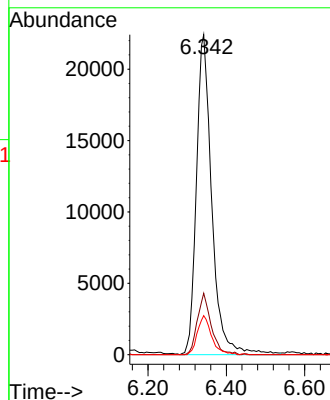
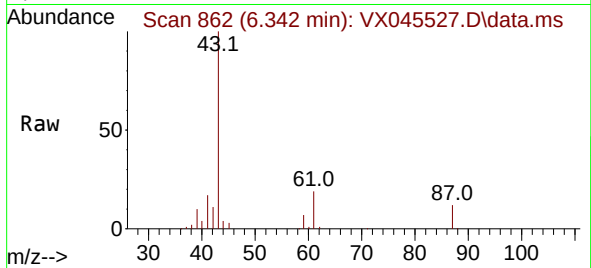
Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.1	21.1
87	11.2	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#44

Trichloroethene

Concen: 20.501 ug/l

RT: 7.123 min Scan# 990

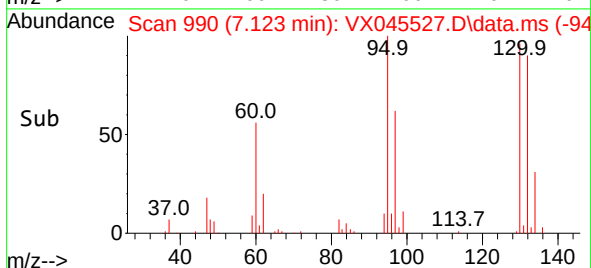
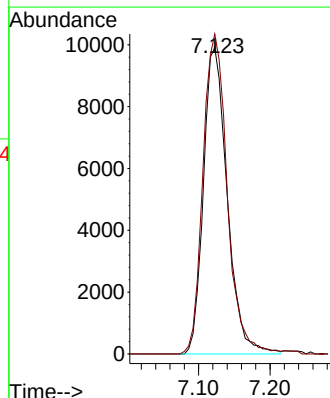
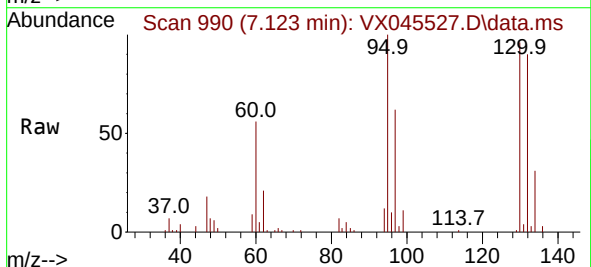
Delta R.T. 0.000 min

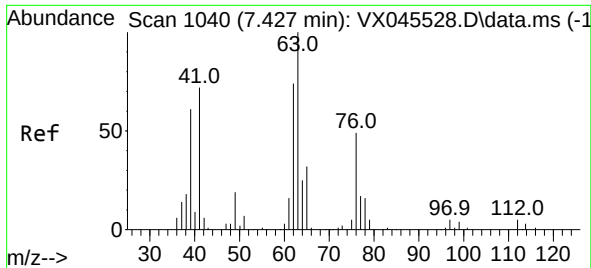
Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Tgt Ion:130 Resp: 22918

Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	202.0





#45

1,2-Dichloropropane

Concen: 21.241 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 24920

Ion Ratio Lower Upper

63 100

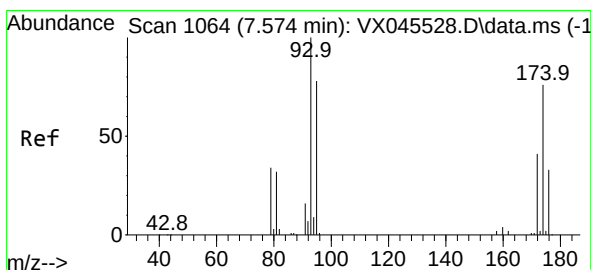
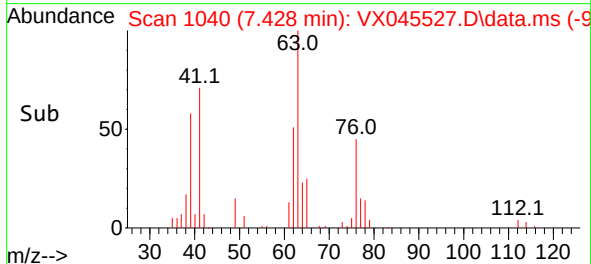
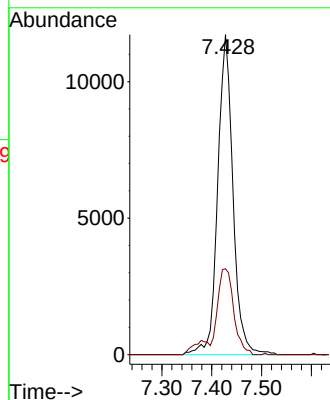
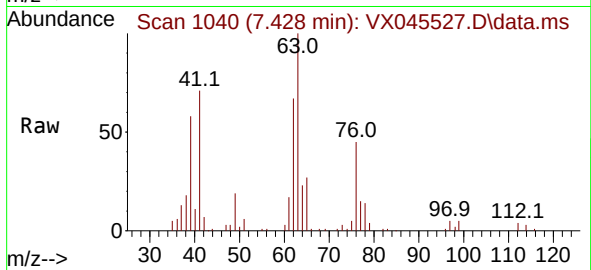
65 26.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#46

Dibromomethane

Concen: 21.207 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

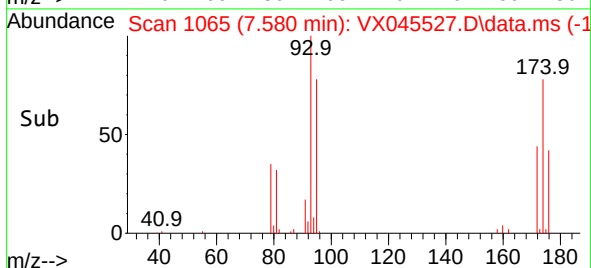
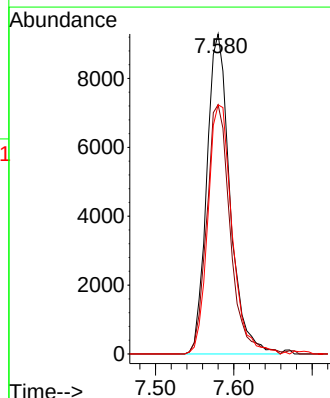
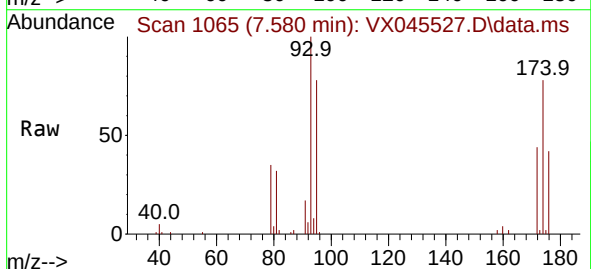
Tgt Ion: 93 Resp: 19104

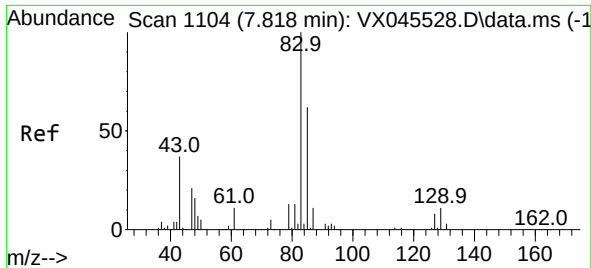
Ion Ratio Lower Upper

93 100

95 79.2 64.8 97.2

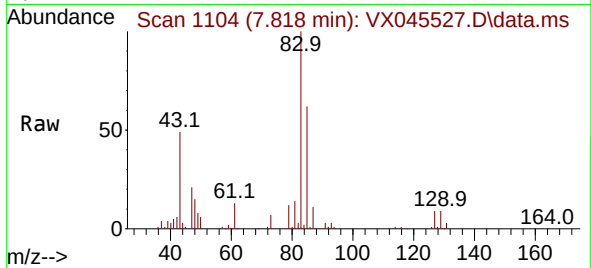
174 81.1 65.4 98.0





#47
Bromodichloromethane
Concen: 20.587 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

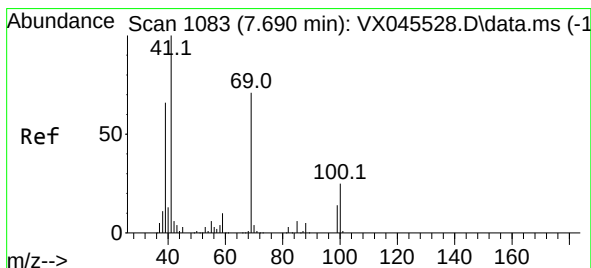
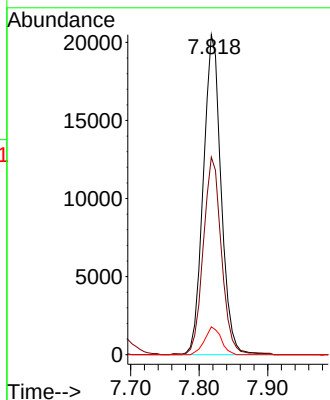
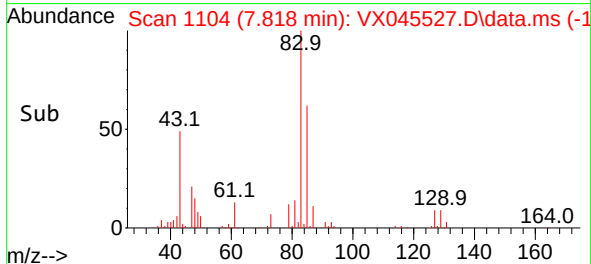
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 3703
Ion Ratio Lower Upper
83 100
85 61.7 49.7 74.5
127 8.7 6.1 9.1

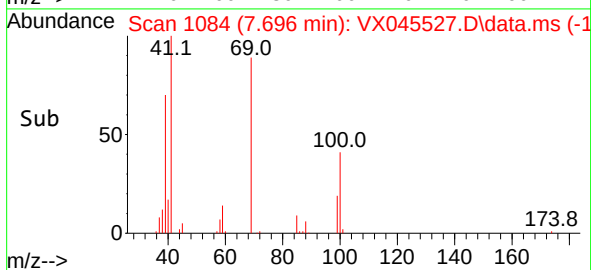
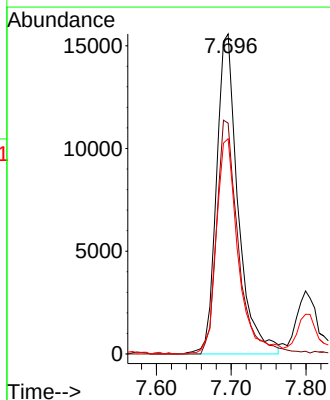
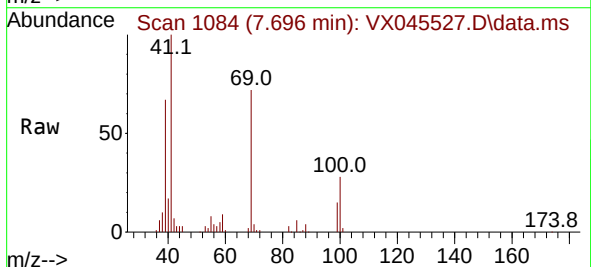
Manual Integrations
APPROVED

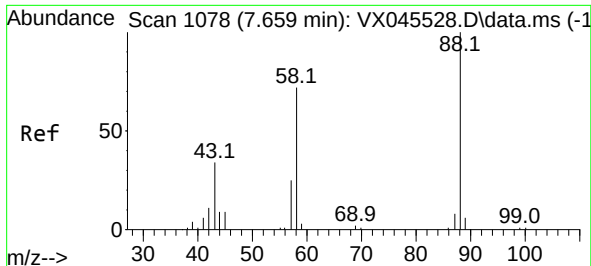
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#48
Methyl methacrylate
Concen: 20.575 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

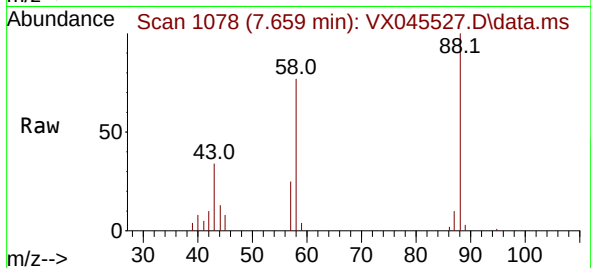
Tgt Ion: 41 Resp: 31247
Ion Ratio Lower Upper
41 100
69 73.4 58.2 87.2
39 68.7 53.6 80.4





#49
1,4-Dioxane
Concen: 440.515 ug/l
RT: 7.659 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

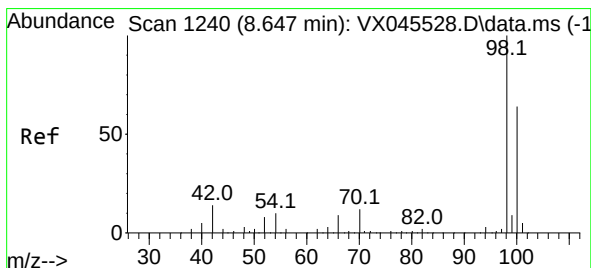
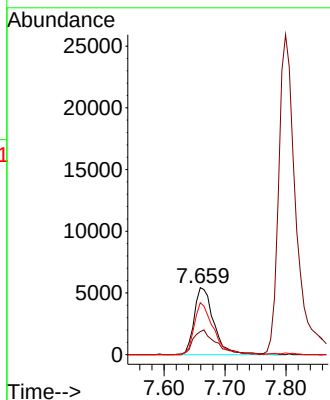
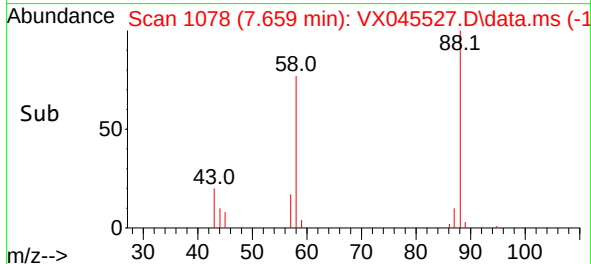
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



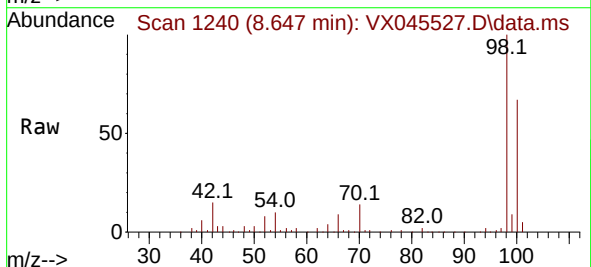
Tgt Ion: 88 Resp: 12104
Ion Ratio Lower Upper
88 100
43 43.5 32.2 48.4
58 76.4 58.6 88.0

Manual Integrations
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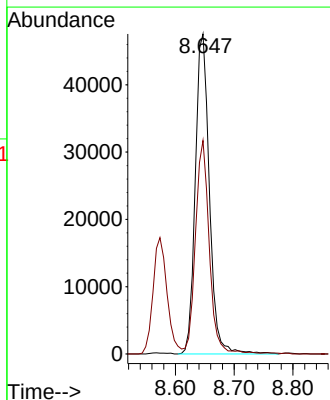
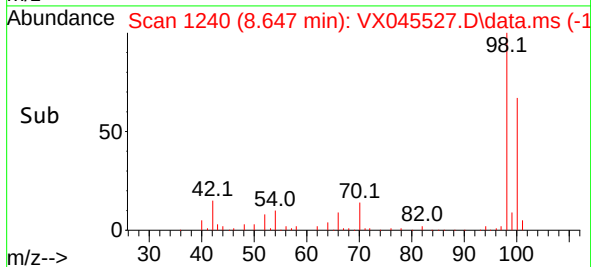
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

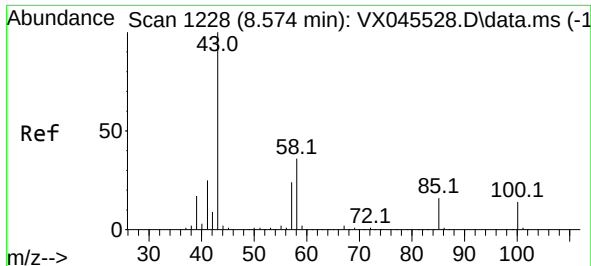


#50
Toluene-d8
Concen: 19.921 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52



Tgt Ion: 98 Resp: 79303
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4





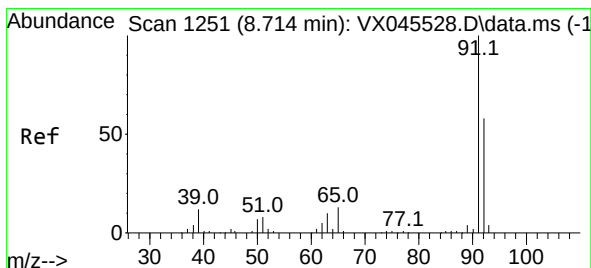
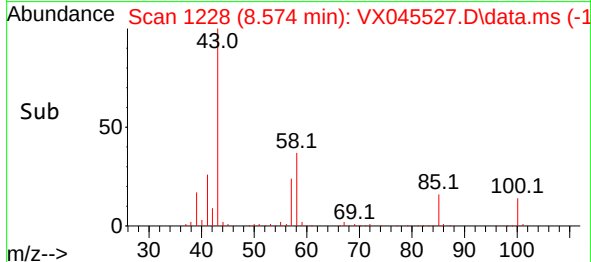
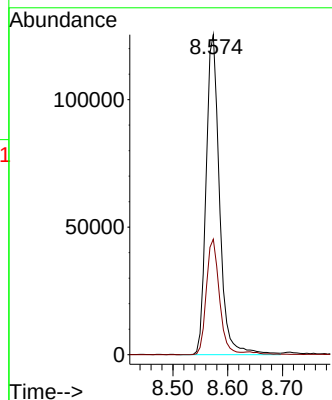
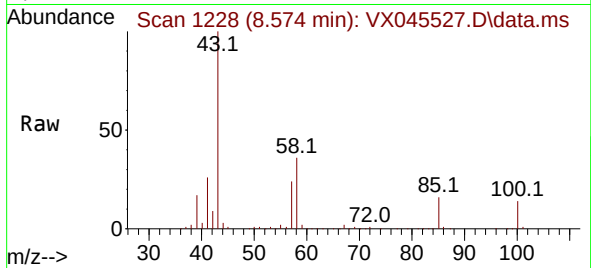
#51
4-Methyl-2-Pentanone
Concen: 109.055 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 21264
Ion Ratio Lower Upper
43 100
58 35.2 28.5 42.7

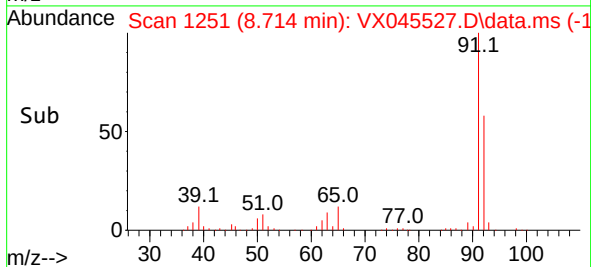
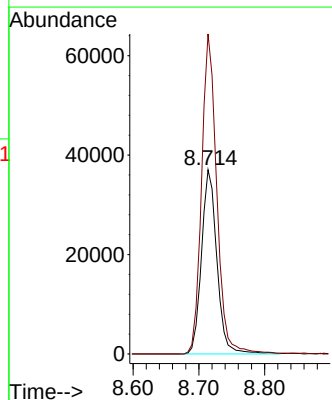
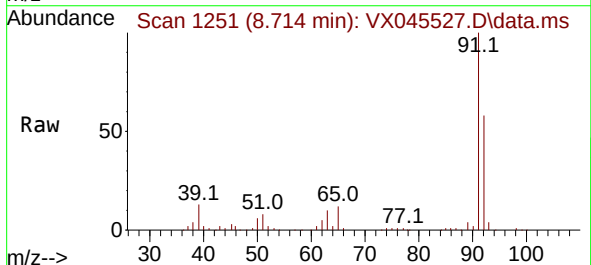
Manual Integrations
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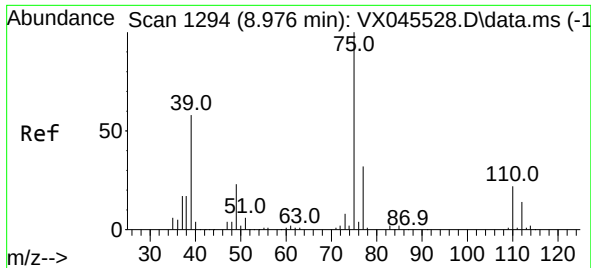
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 21.208 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

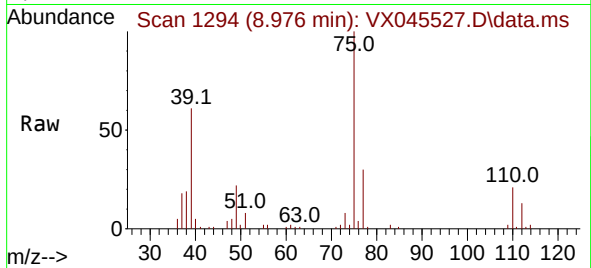
Tgt Ion: 92 Resp: 60357
Ion Ratio Lower Upper
92 100
91 171.6 138.7 208.1





#53
 t-1,3-Dichloropropene
 Concen: 18.764 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

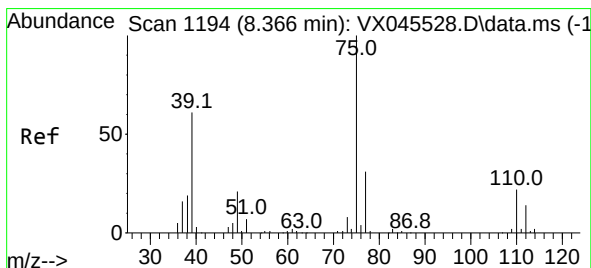
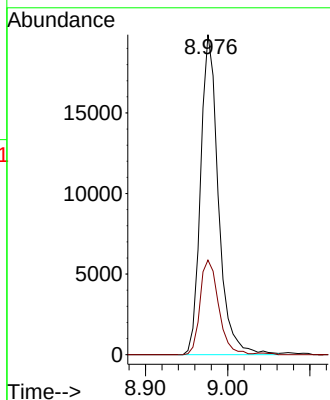
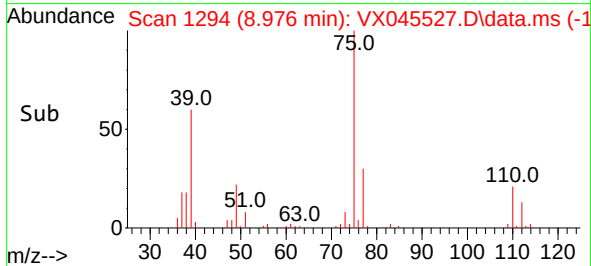
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



Tgt Ion: 75 Resp: 29870
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.4 38.0

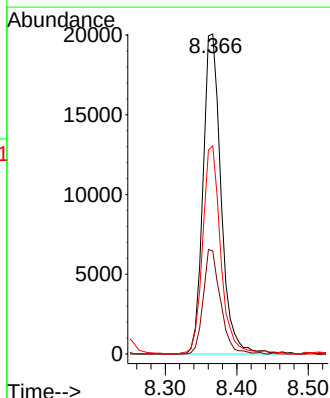
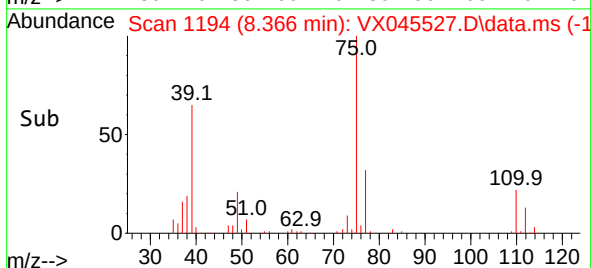
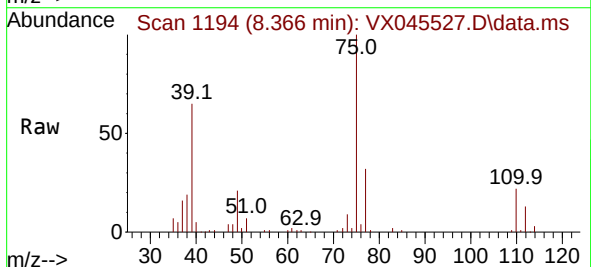
Manual Integrations
 APPROVED

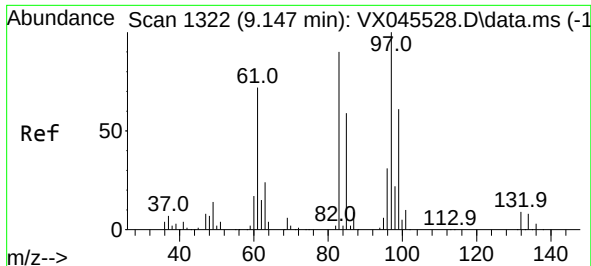
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#54
 cis-1,3-Dichloropropene
 Concen: 20.762 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

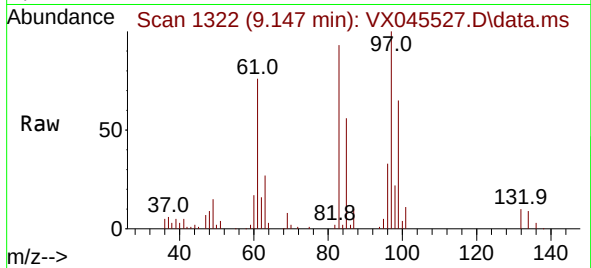
Tgt Ion: 75 Resp: 35099
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8
 39 65.0 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 21.331 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

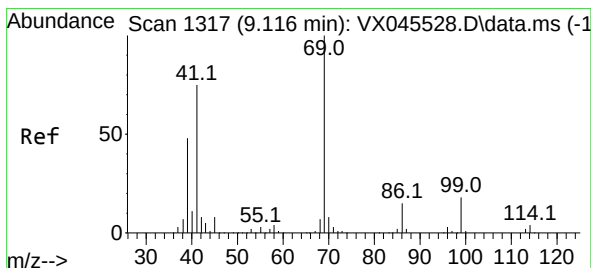
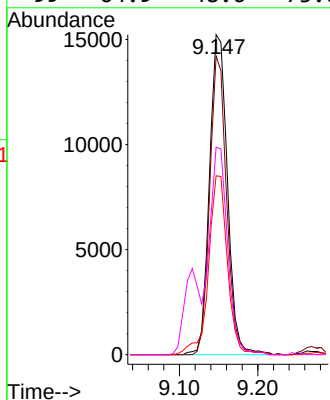
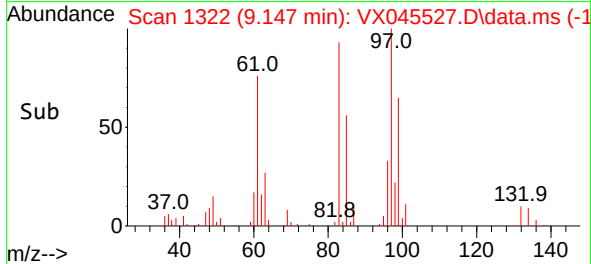
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.4	71.8	107.8
85	55.9	47.0	70.6
99	64.9	48.6	73.0

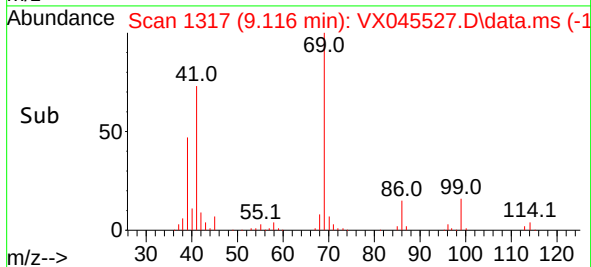
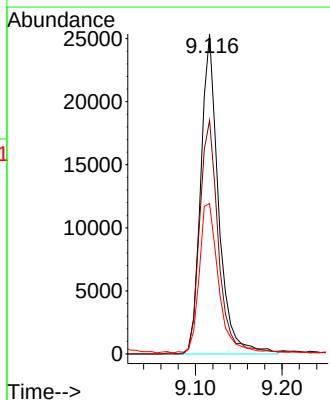
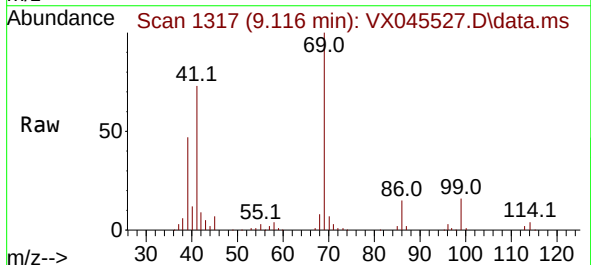
Manual Integrations
APPROVED

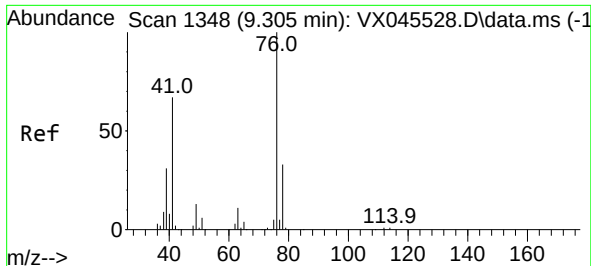
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#56
Ethyl methacrylate
Concen: 20.600 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.4	61.3	91.9
39	51.5	40.2	60.2





#57

1,3-Dichloropropane

Concen: 21.217 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 41900

Ion Ratio Lower Upper

76 100

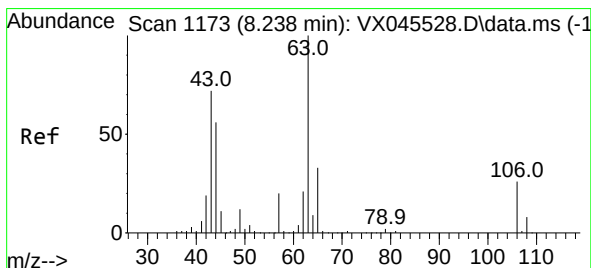
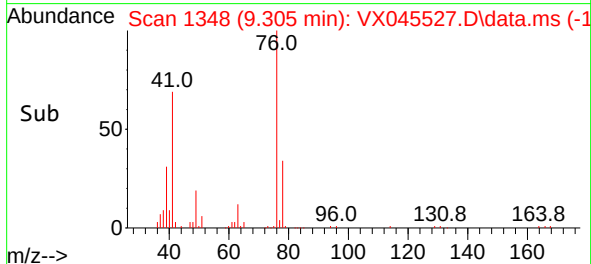
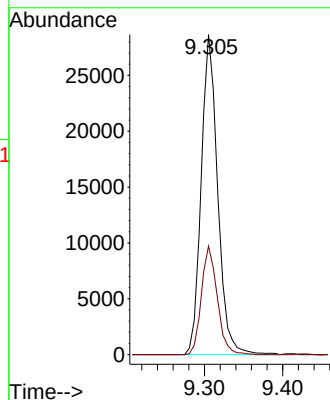
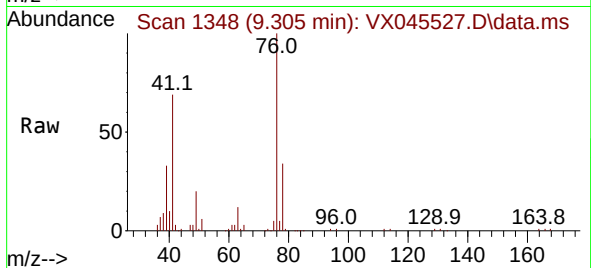
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 103.534 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045527.D

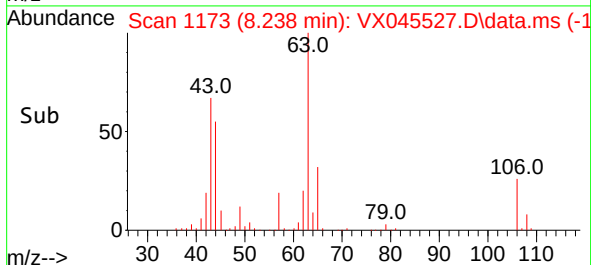
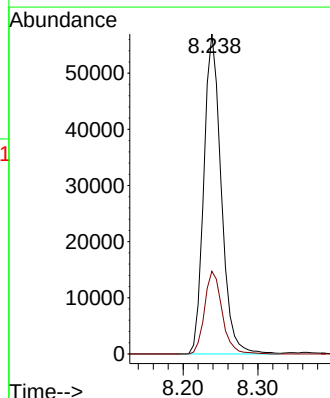
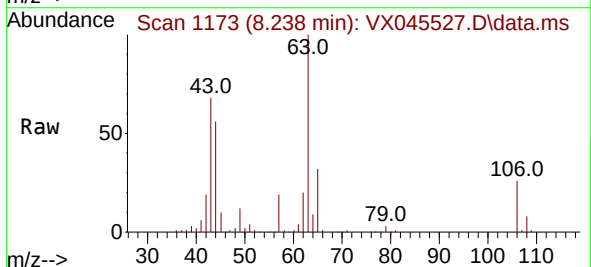
Acq: 01 Apr 2025 17:52

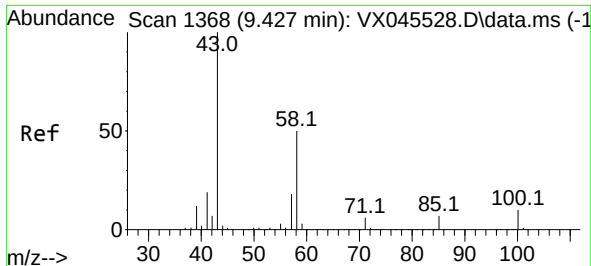
Tgt Ion: 63 Resp: 91923

Ion Ratio Lower Upper

63 100

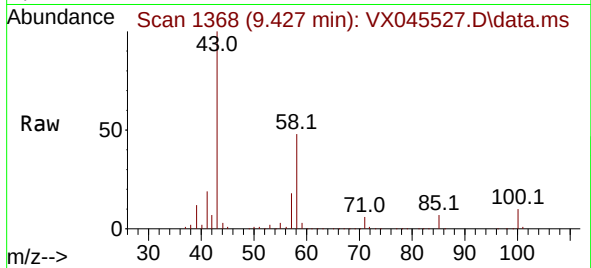
106 26.1 21.0 31.6





#59
2-Hexanone
Concen: 108.730 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

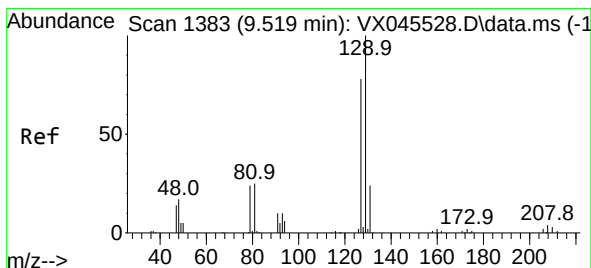
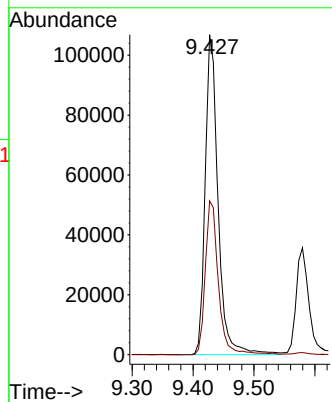
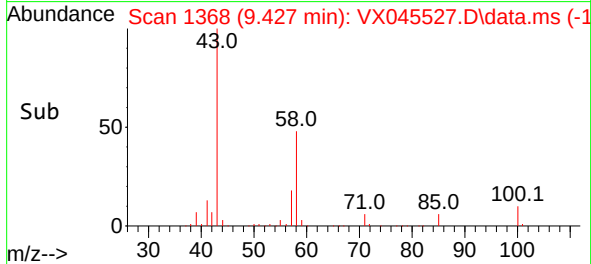
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 156999
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6

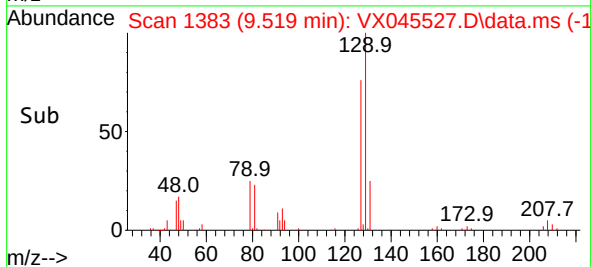
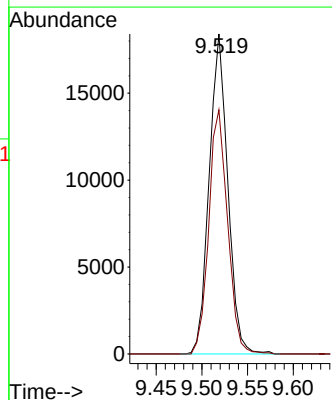
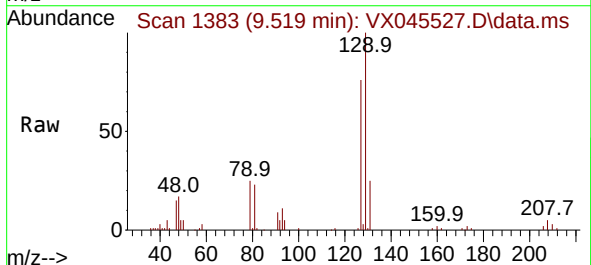
Manual Integrations
APPROVED

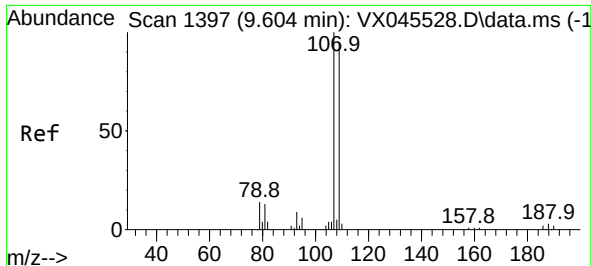
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#60
Dibromochloromethane
Concen: 21.023 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:129 Resp: 25992
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 21.303 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

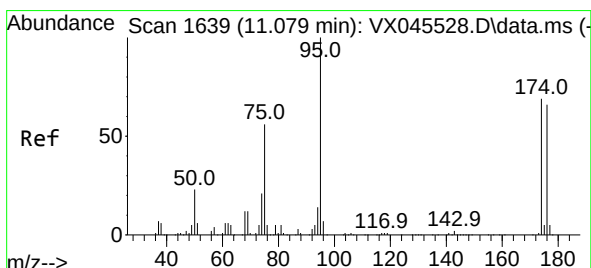
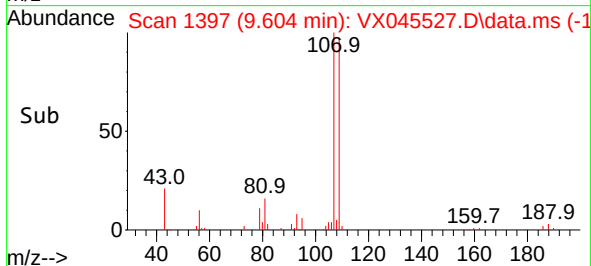
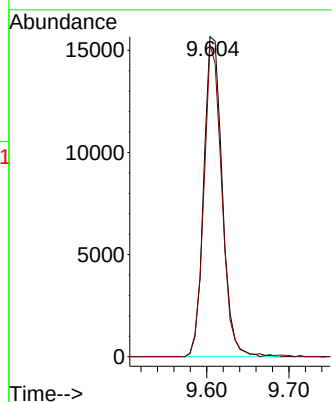
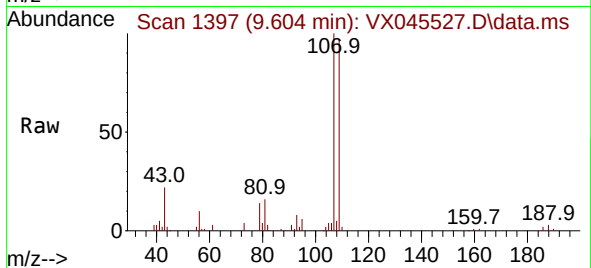
Tgt Ion:107 Resp: 24456
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

Manual Integrations

APPROVED

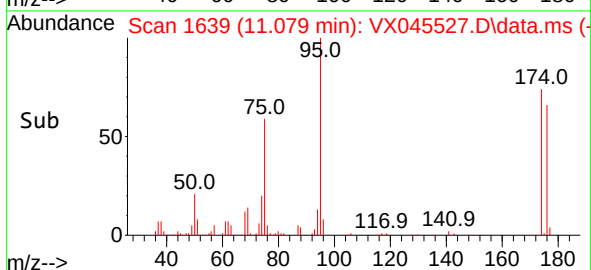
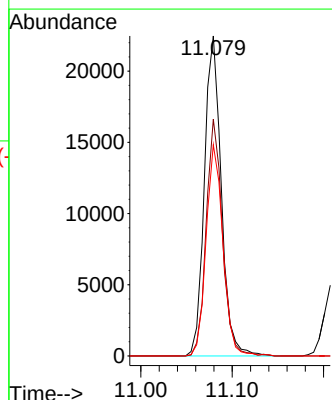
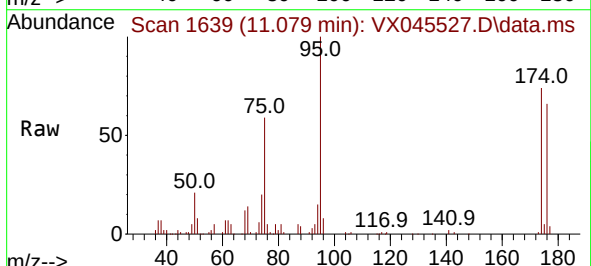
Reviewed By :Amit Patel 04/02/2025

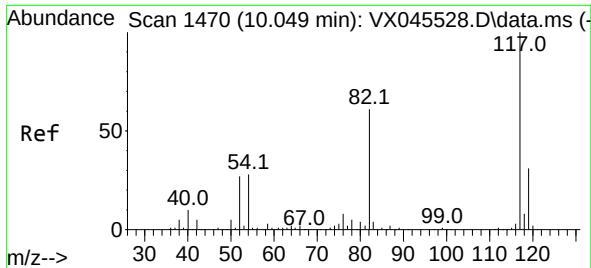
Supervised By :Mahesh Dadoda 04/02/2025



#62
4-Bromofluorobenzene
Concen: 19.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

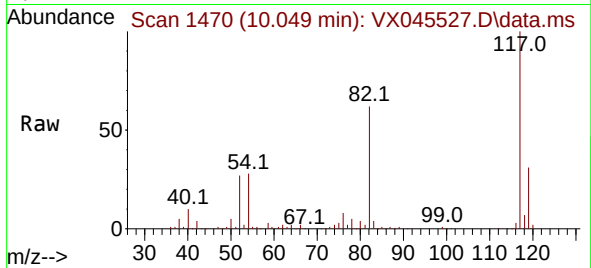
Tgt Ion: 95 Resp: 28795
Ion Ratio Lower Upper
95 100
174 71.1 0.0 135.8
176 65.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

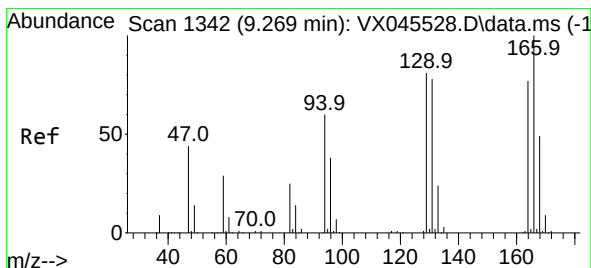
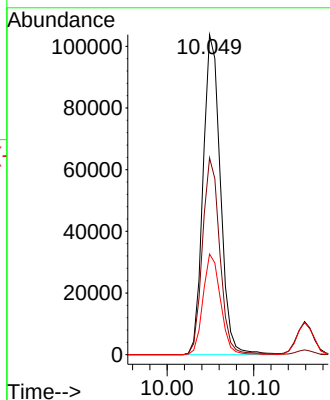
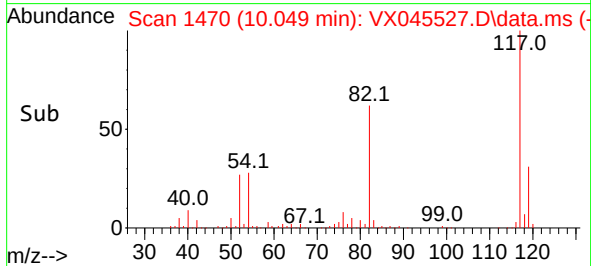
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 14408
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 31.5 25.1 37.7

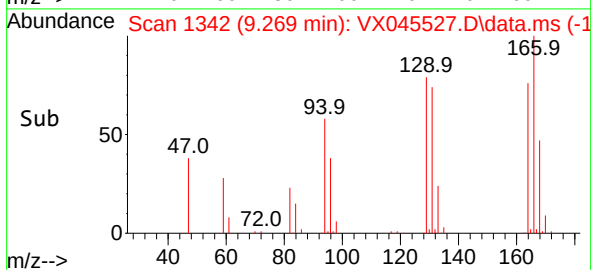
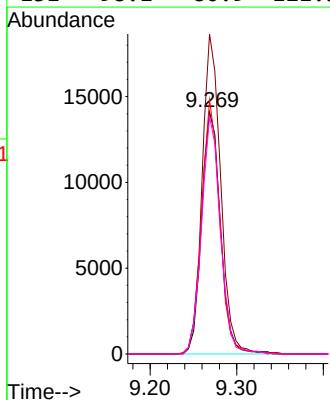
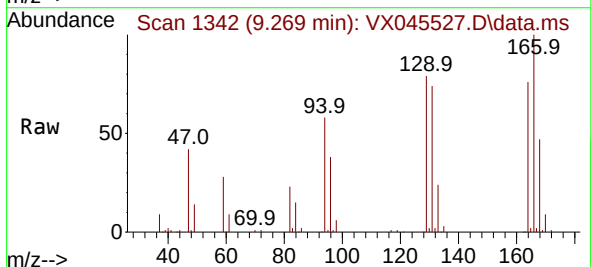
Manual Integrations
APPROVED

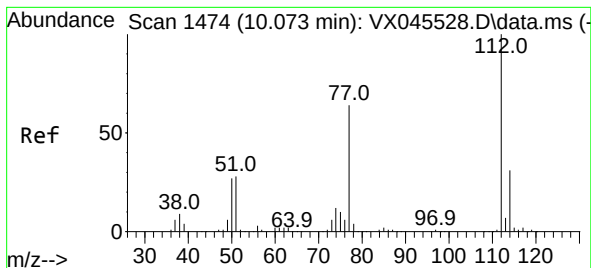
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#64
Tetrachloroethene
Concen: 21.015 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:164 Resp: 21379
Ion Ratio Lower Upper
164 100
166 132.2 103.8 155.8
129 104.9 84.3 126.5
131 98.1 80.9 121.3





#65

Chlorobenzene

Concen: 21.023 ug/l

RT: 10.079 min Scan# 1474

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:112 Resp: 6472

Ion Ratio Lower Upper

112 100

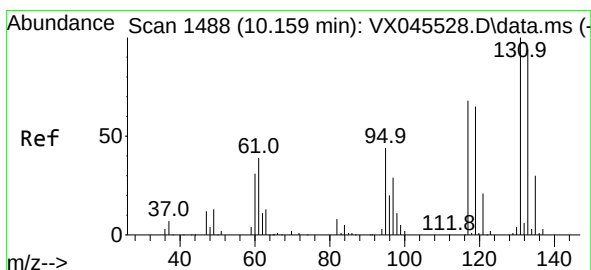
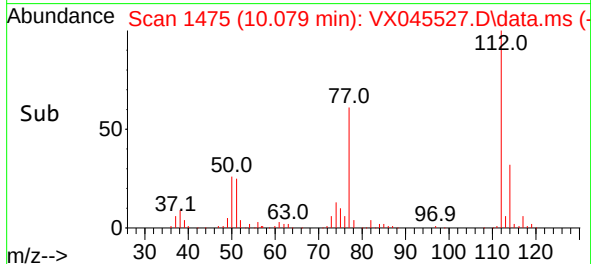
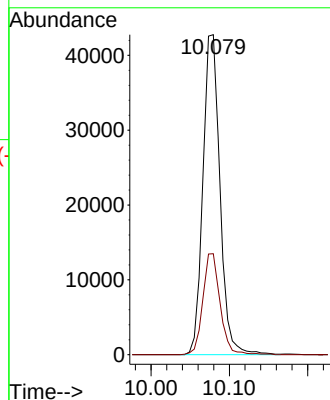
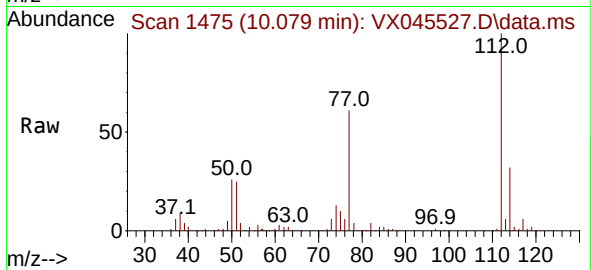
114 31.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 20.064 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

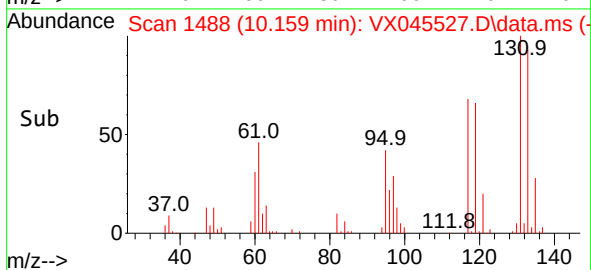
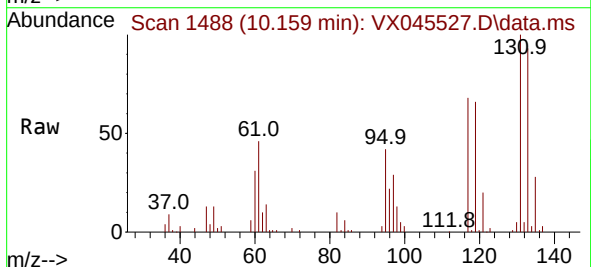
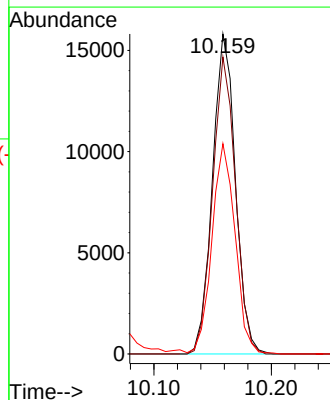
Tgt Ion:131 Resp: 21447

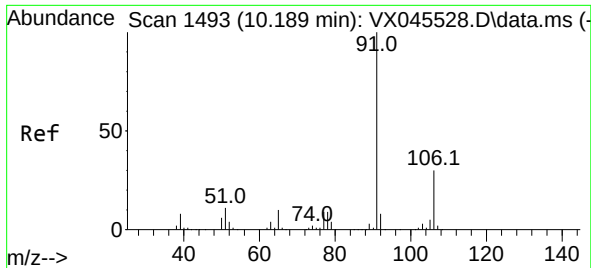
Ion Ratio Lower Upper

131 100

133 92.8 47.5 142.5

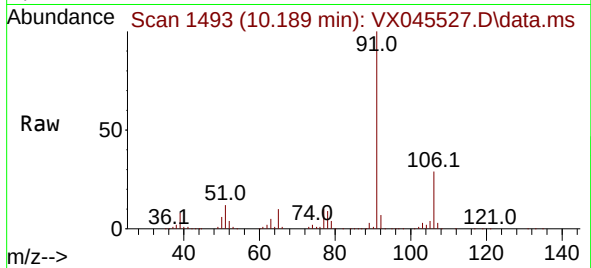
119 66.3 32.9 98.6





#67
Ethyl Benzene
Concen: 20.921 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

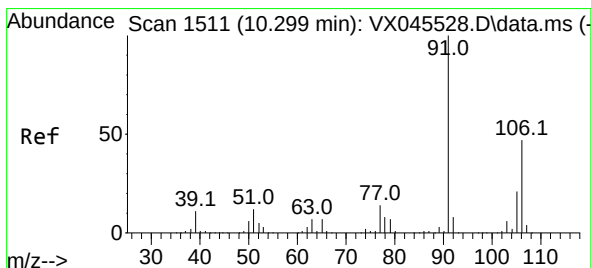
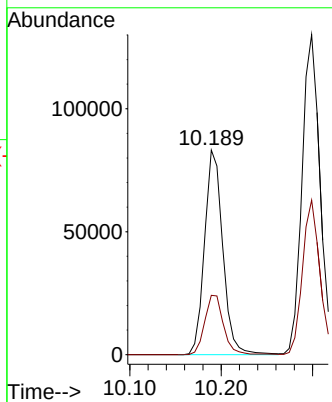
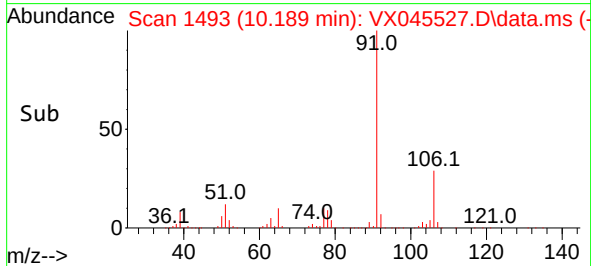
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 115368
Ion Ratio Lower Upper
91 100
106 29.0 23.7 35.5

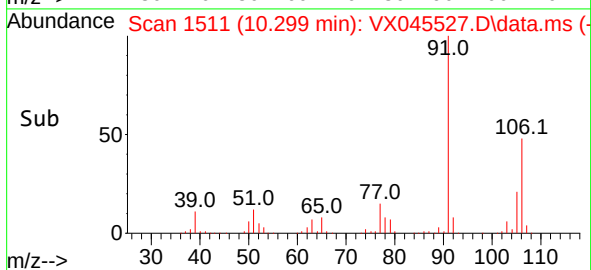
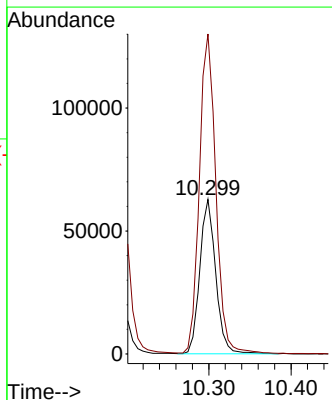
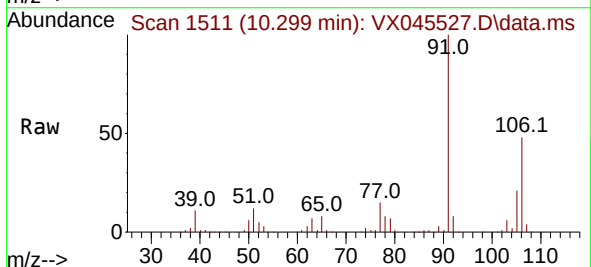
Manual Integrations
APPROVED

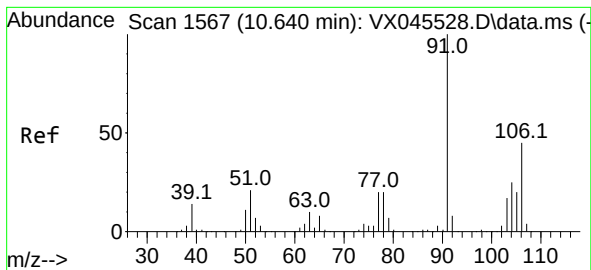
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#68
m/p-Xylenes
Concen: 42.092 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:106 Resp: 84420
Ion Ratio Lower Upper
106 100
91 214.4 172.6 258.8





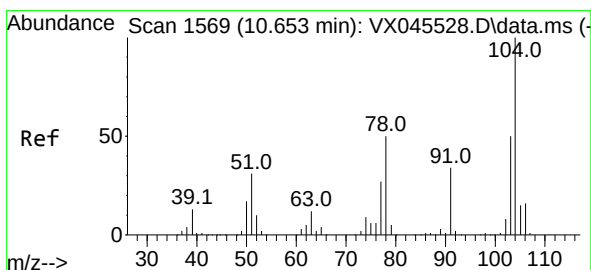
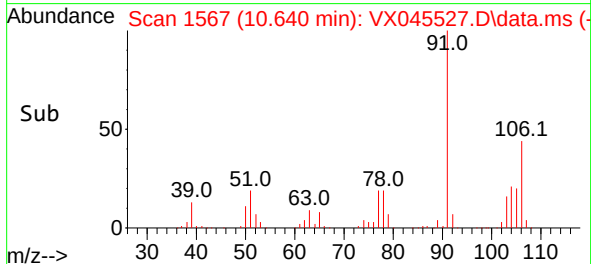
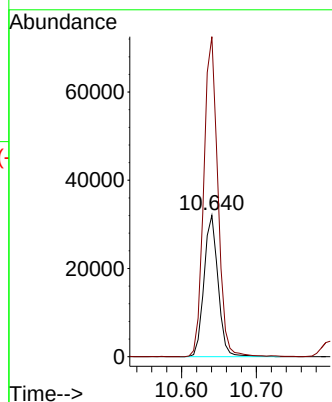
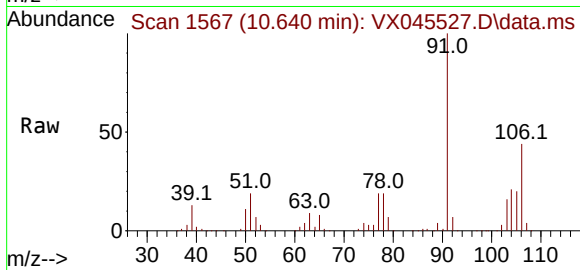
#69
o-Xylene
Concen: 21.158 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 4180
Ion Ratio Lower Upper
106 100
91 226.9 113.6 340.6

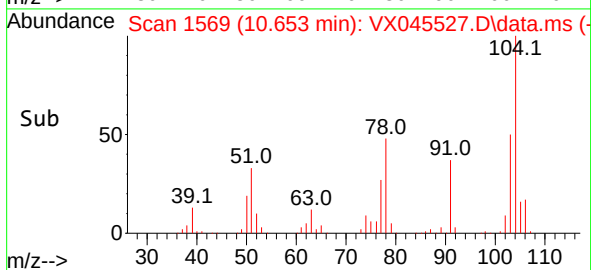
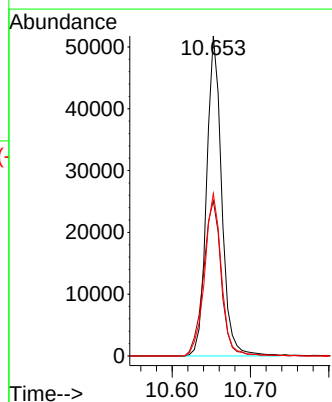
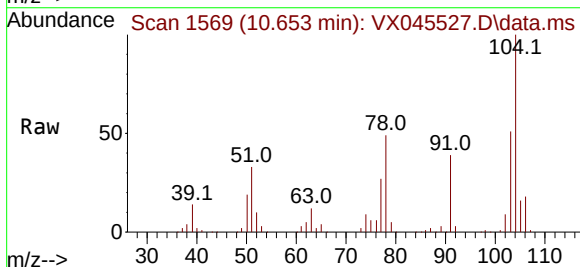
Manual Integrations
APPROVED

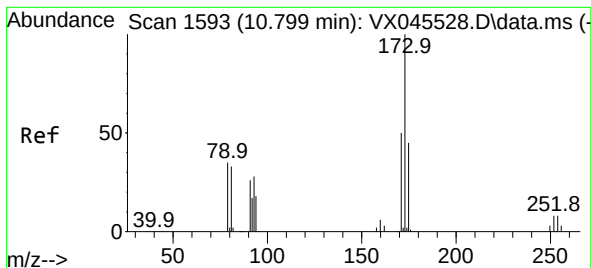
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#70
Styrene
Concen: 21.249 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:104 Resp: 69290
Ion Ratio Lower Upper
104 100
78 57.0 45.4 68.2
103 56.5 43.8 65.8





#71

Bromoform

Concen: 19.619 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

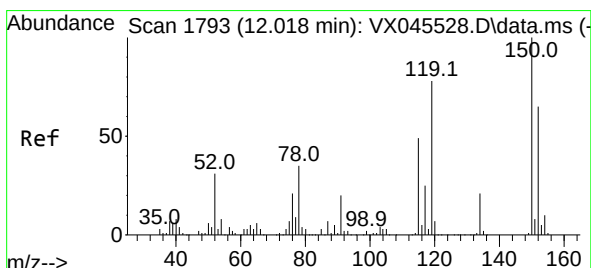
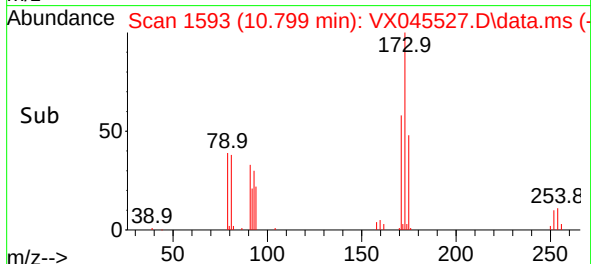
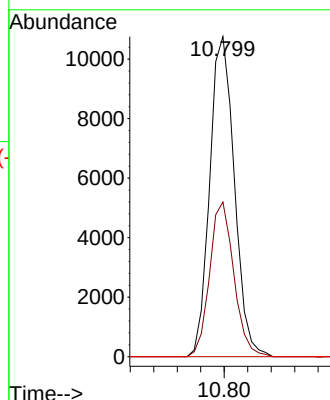
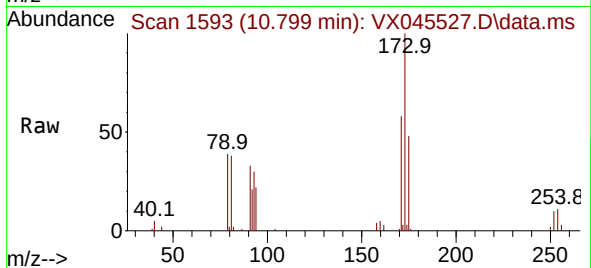
Tgt Ion:173 Resp: 15659
 Ion Ratio Lower Upper
 173 100
 175 47.5 23.4 70.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

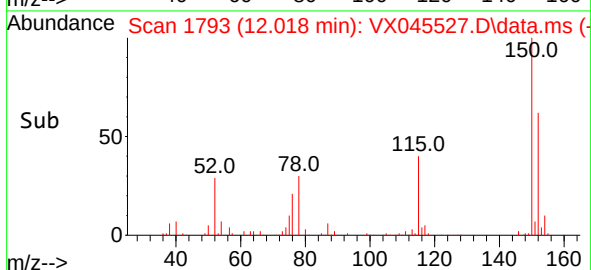
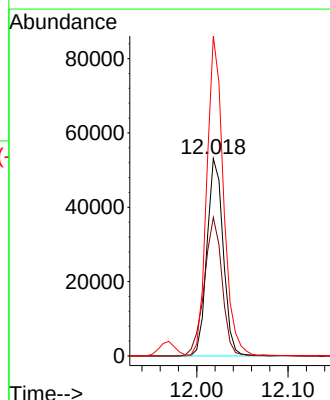
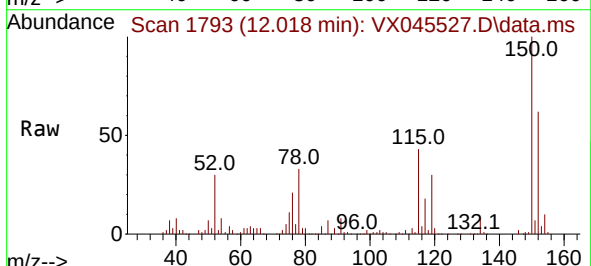
RT: 12.018 min Scan# 1793

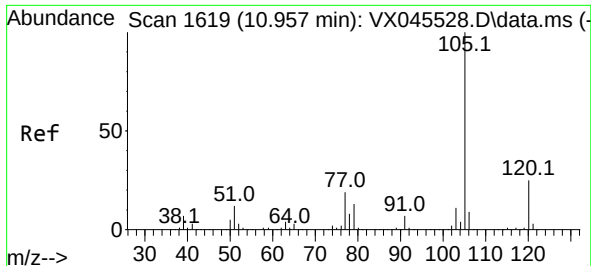
Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

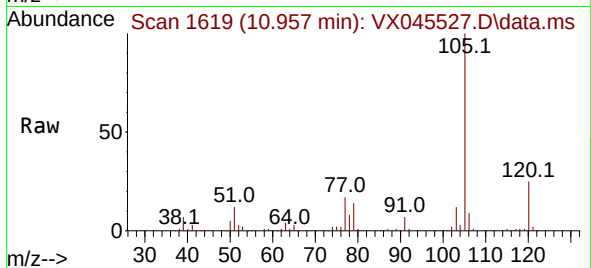
Tgt Ion:152 Resp: 65341
 Ion Ratio Lower Upper
 152 100
 115 76.8 46.9 140.7
 150 166.0 0.0 349.4





#73
Isopropylbenzene
Concen: 21.093 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

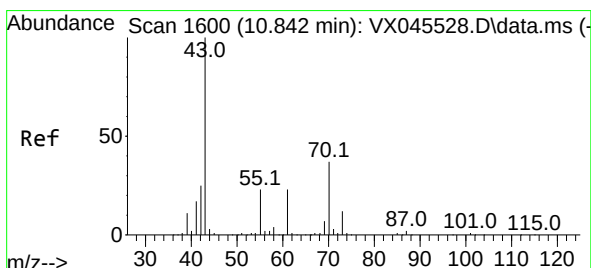
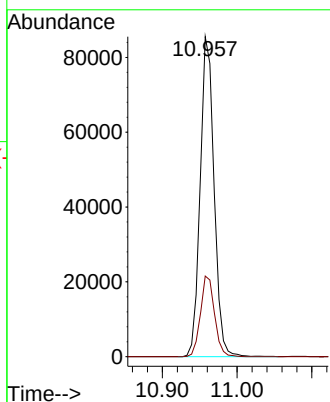
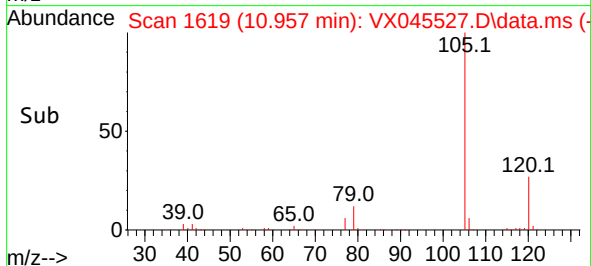
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



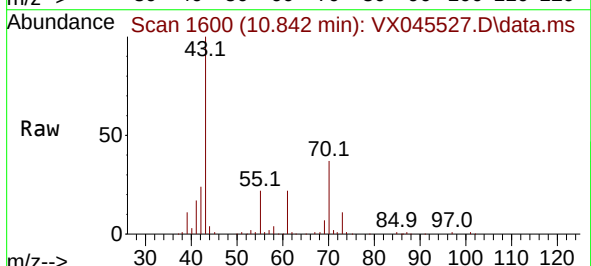
Tgt Ion:105 Resp: 110390
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

Manual Integrations
APPROVED

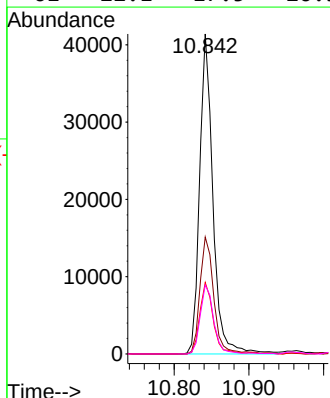
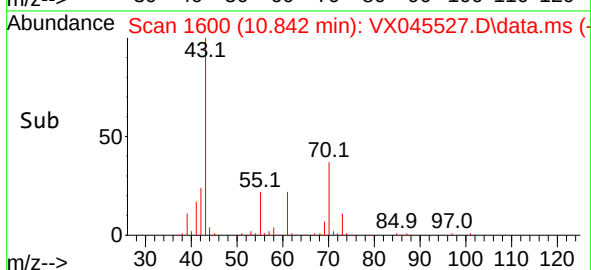
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

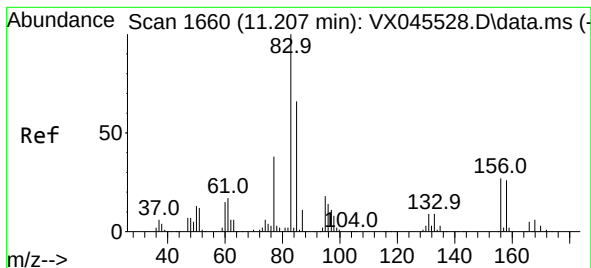


#74
N-ethyl acetate
Concen: 20.466 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52



Tgt Ion: 43 Resp: 51238
Ion Ratio Lower Upper
43 100
70 38.1 30.1 45.1
55 22.5 18.3 27.5
61 22.1 17.5 26.3





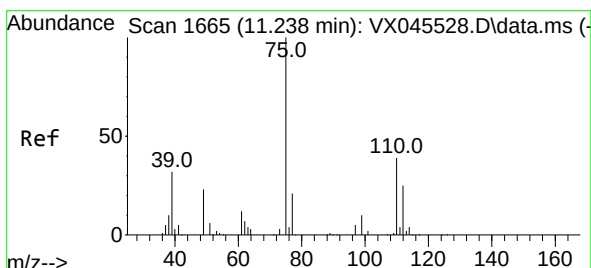
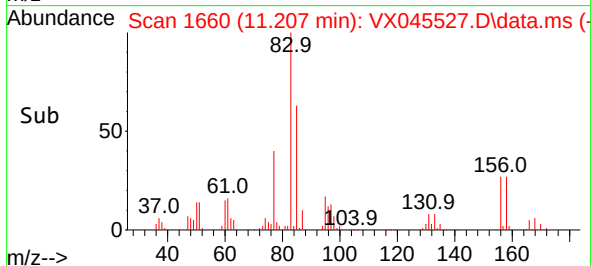
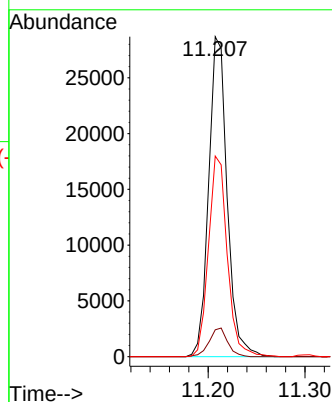
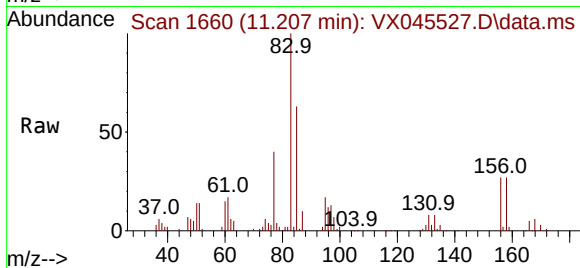
#75
1,1,2,2-Tetrachloroethane
Concen: 20.764 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 3817
Ion Ratio Lower Upper
83 100
131 9.0 4.7 14.1
85 63.7 32.4 97.2

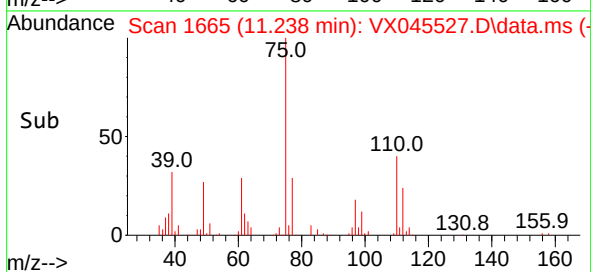
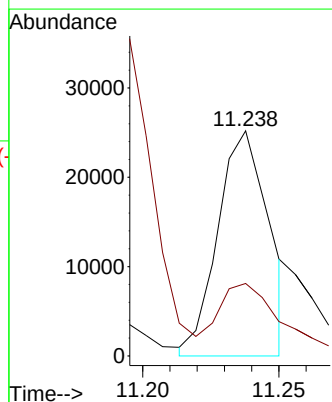
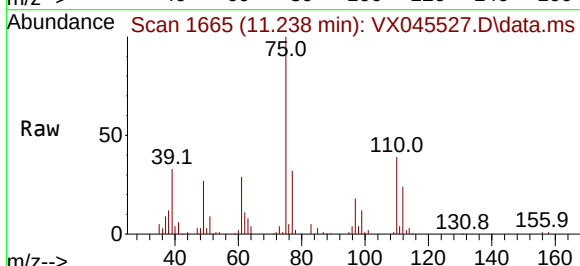
Manual Integrations
APPROVED

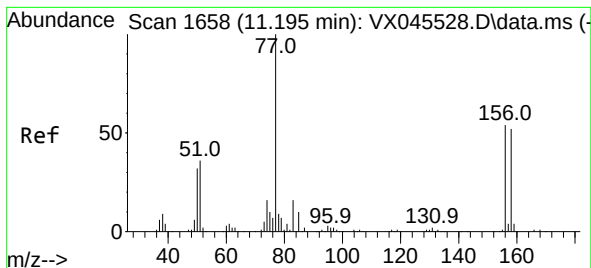
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#76
1,2,3-Trichloropropane
Concen: 20.510 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 75 Resp: 32690
Ion Ratio Lower Upper
75 100
77 41.2 20.0 59.9





#77

Bromobenzene

Concen: 20.592 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

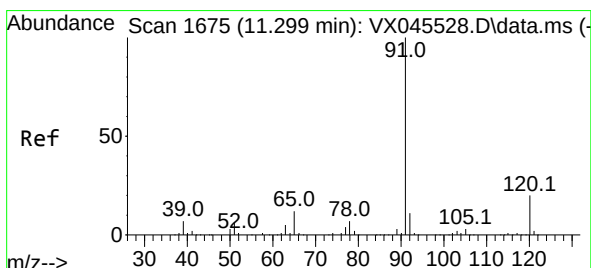
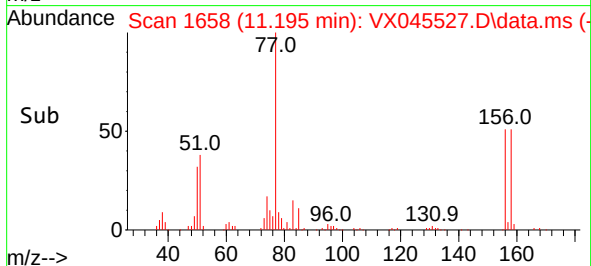
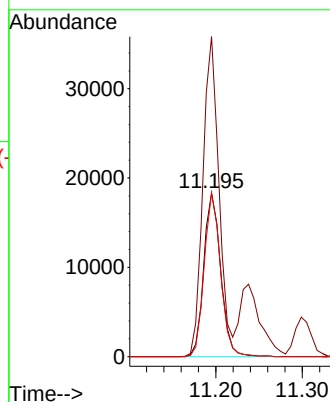
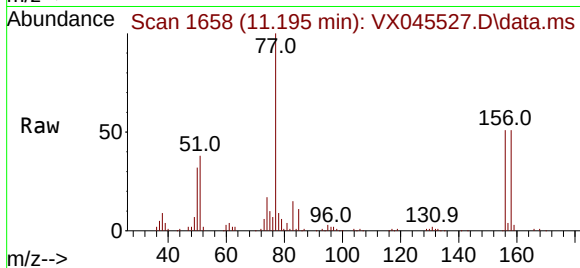
Tgt Ion	Ratio	Lower	Upper
156	100		
77	185.0	92.6	277.8
158	96.7	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#78

n-propylbenzene

Concen: 21.729 ug/l

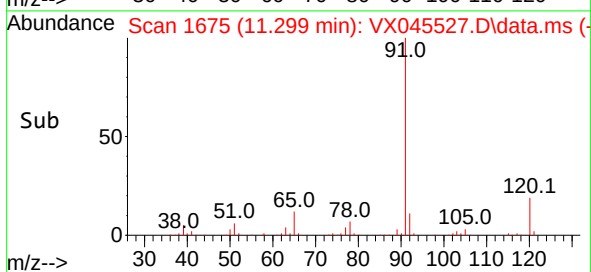
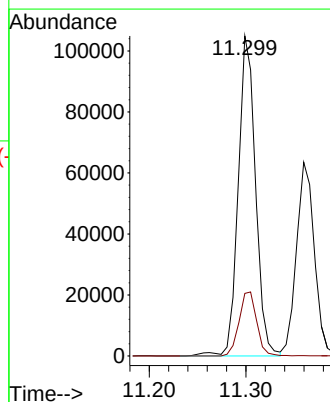
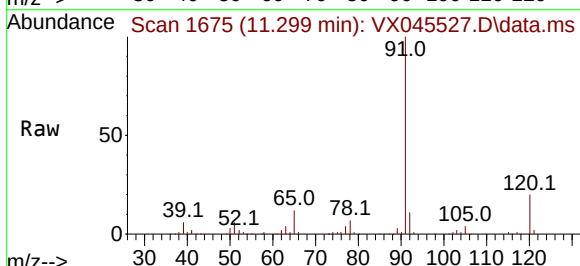
RT: 11.299 min Scan# 1675

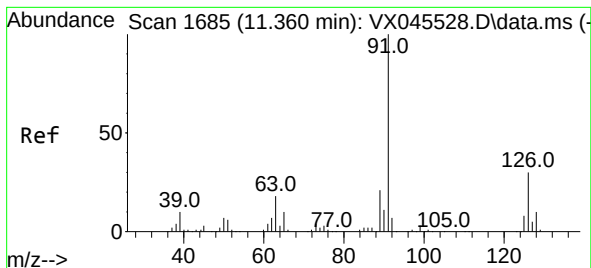
Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.5	10.8	32.3





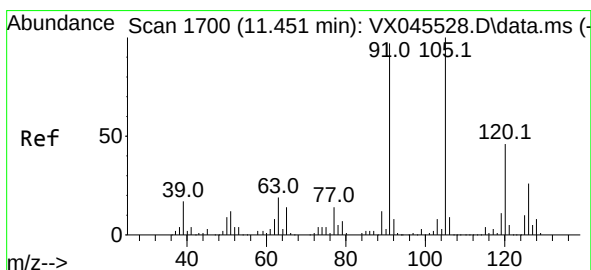
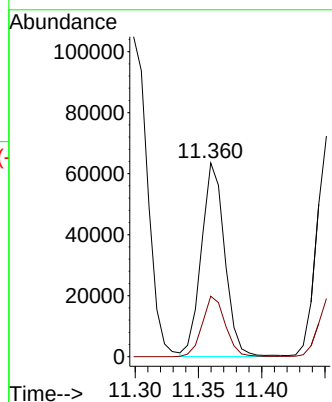
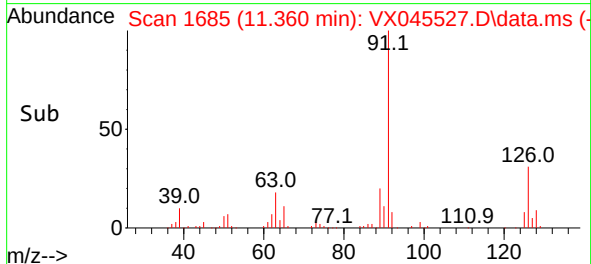
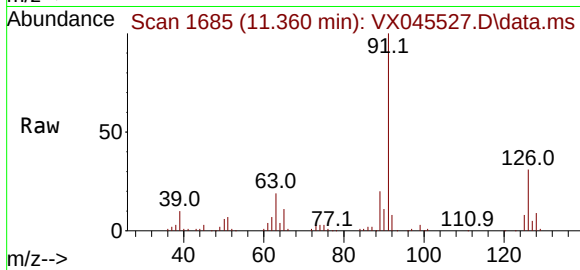
#79
2-Chlorotoluene
Concen: 21.229 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 8181
Ion Ratio Lower Upper
91 100
126 30.9 15.8 47.4

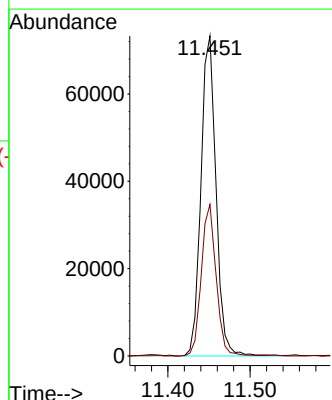
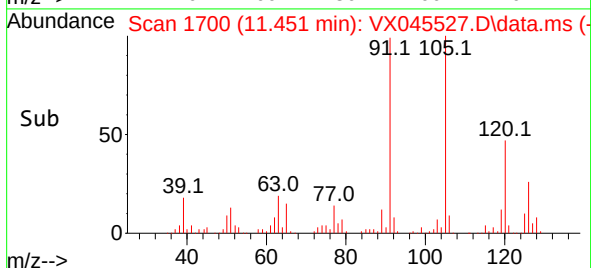
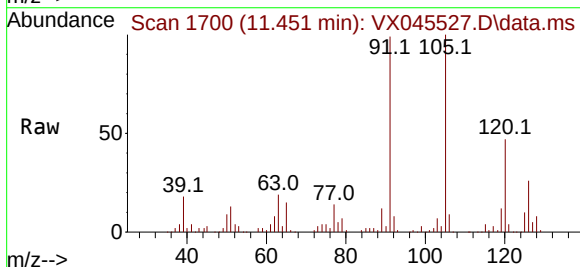
Manual Integrations
APPROVED

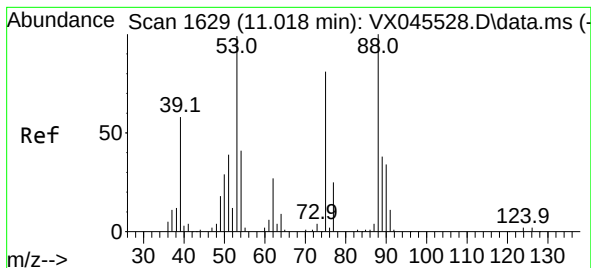
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.564 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

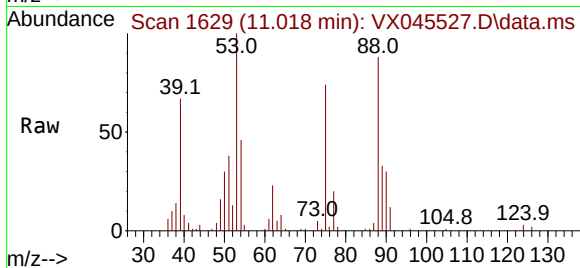
Tgt Ion:105 Resp: 93328
Ion Ratio Lower Upper
105 100
120 46.5 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.961 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

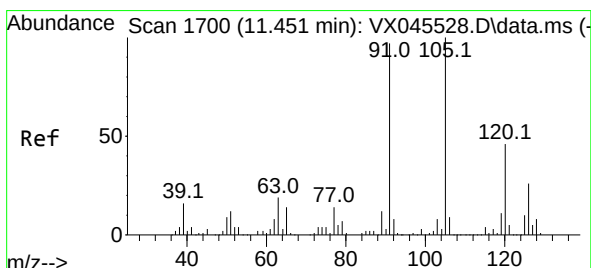
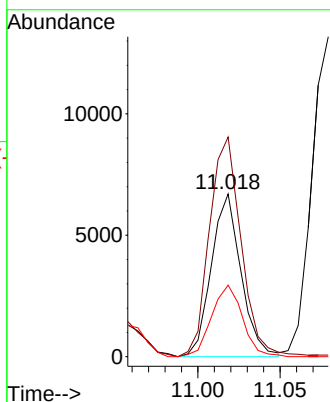
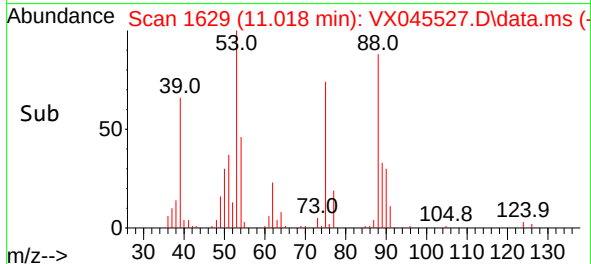
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



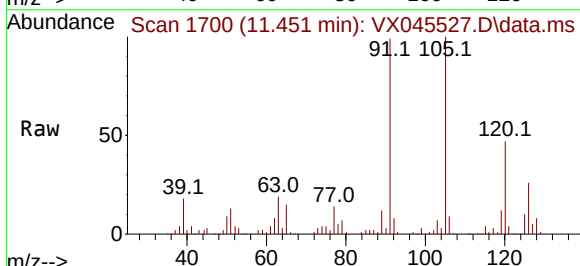
Tgt Ion: 75 Resp: 8438
Ion Ratio Lower Upper
75 100
53 144.7 101.8 152.6
89 45.5 37.2 55.8

Manual Integrations
APPROVED

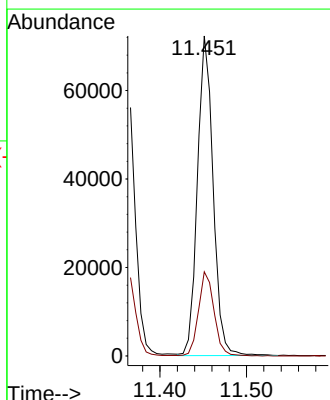
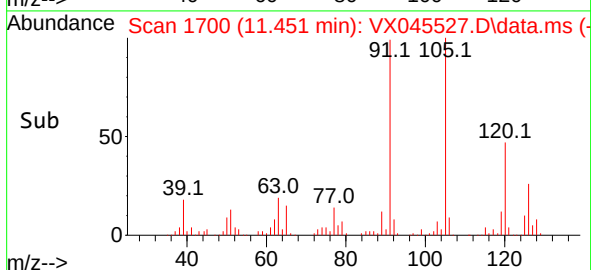
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

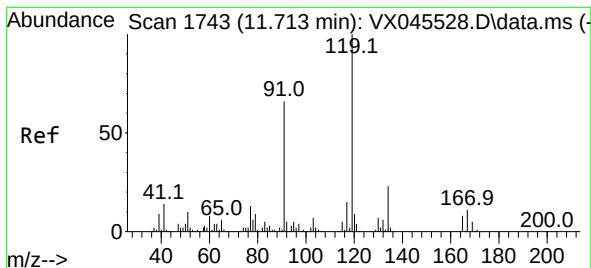


#82
4-Chlorotoluene
Concen: 21.108 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52



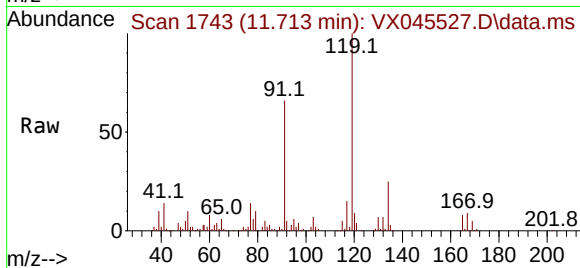
Tgt Ion: 91 Resp: 90704
Ion Ratio Lower Upper
91 100
126 26.2 13.3 39.9





#83
tert-Butylbenzene
Concen: 20.964 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

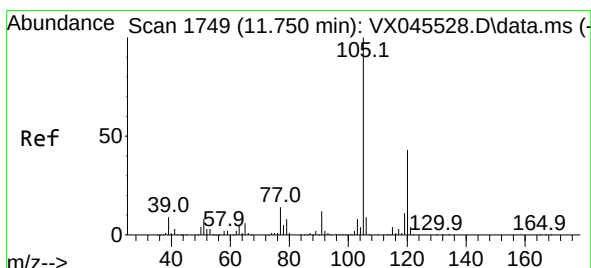
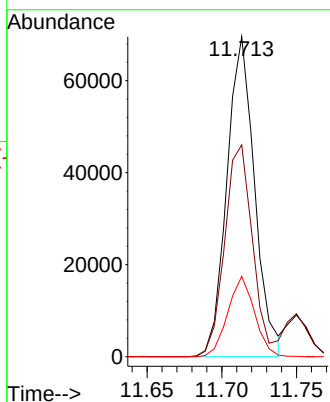
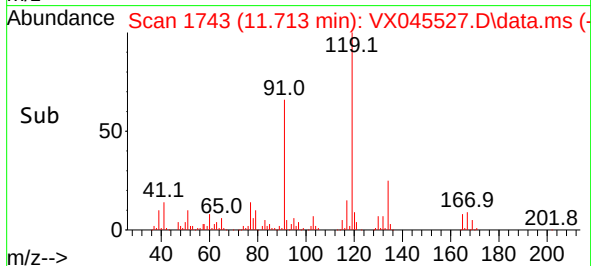
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



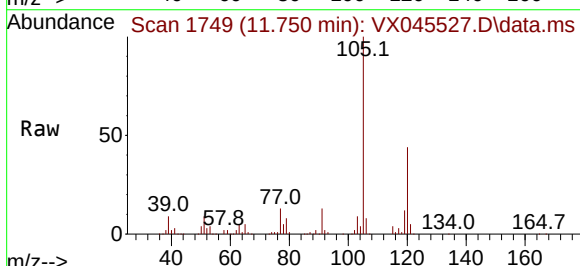
Tgt Ion:119 Resp: 89828
Ion Ratio Lower Upper
119 100
91 65.7 32.4 97.2
134 24.2 11.5 34.5

Manual Integrations
APPROVED

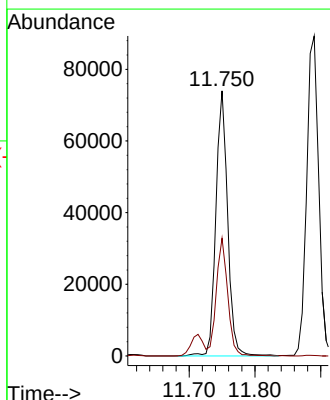
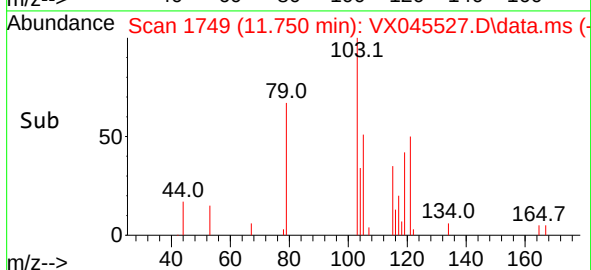
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

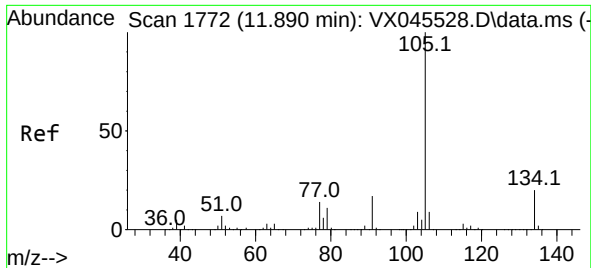


#84
1,2,4-Trimethylbenzene
Concen: 21.235 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52



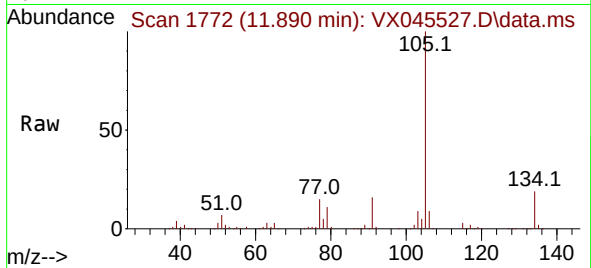
Tgt Ion:105 Resp: 92242
Ion Ratio Lower Upper
105 100
120 43.1 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 21.433 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52

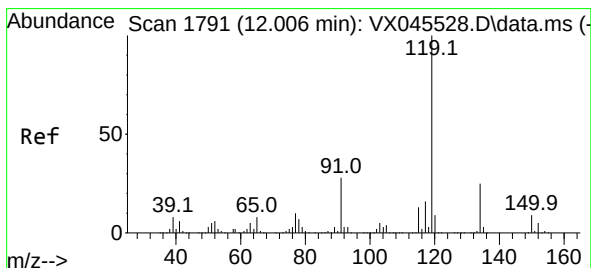
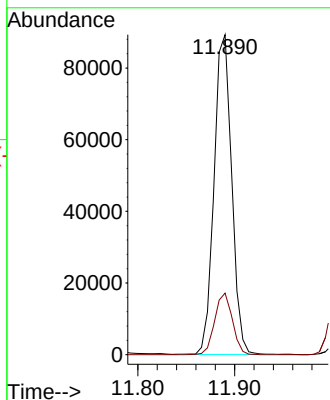
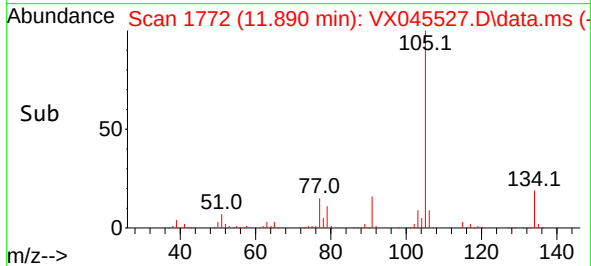
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



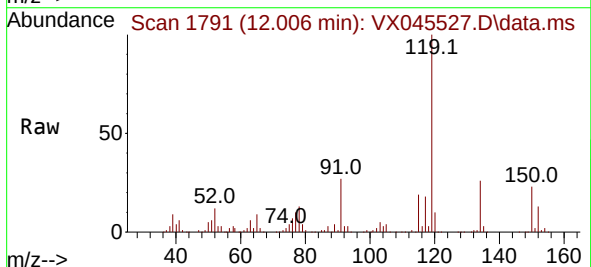
Tgt Ion:105 Resp: 112800
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

Manual Integrations
 APPROVED

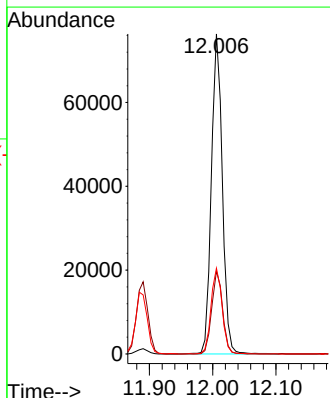
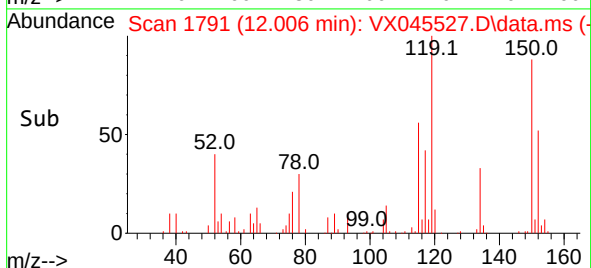
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

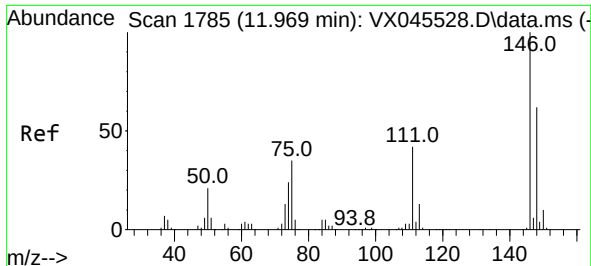


#86
 p-Isopropyltoluene
 Concen: 21.173 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045527.D
 Acq: 01 Apr 2025 17:52



Tgt Ion:119 Resp: 91866
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 27.1 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 20.490 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 4510

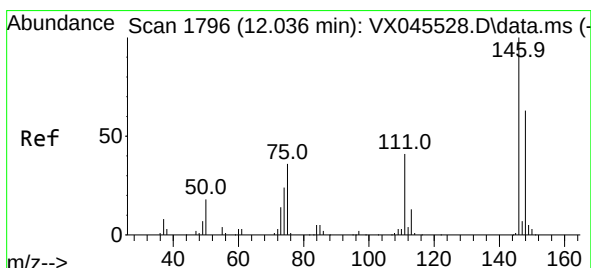
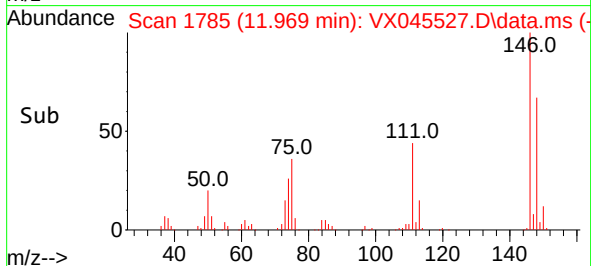
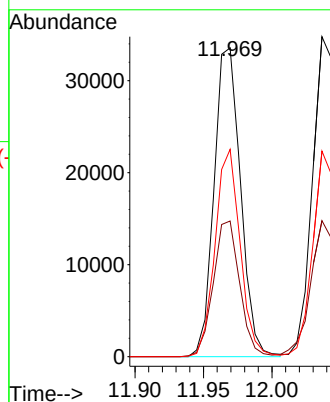
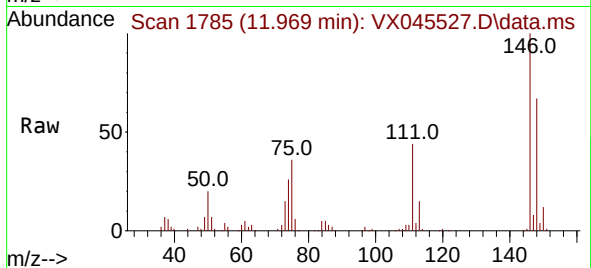
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#88

1,4-Dichlorobenzene

Concen: 20.706 ug/l

RT: 12.036 min Scan# 1796

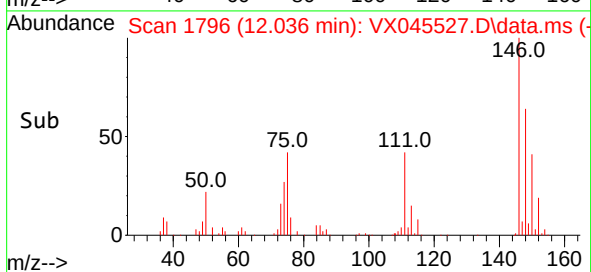
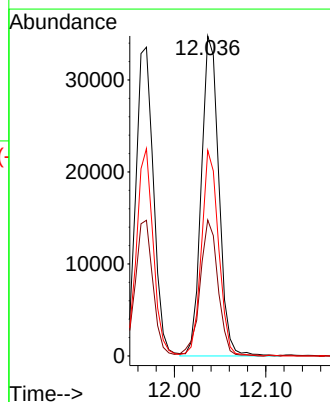
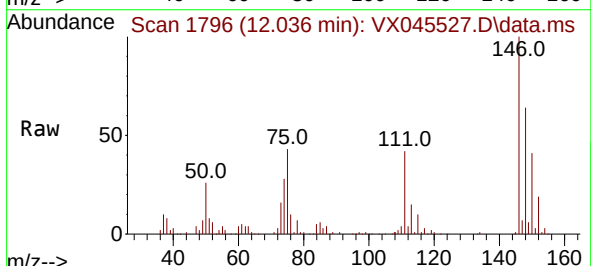
Delta R.T. 0.000 min

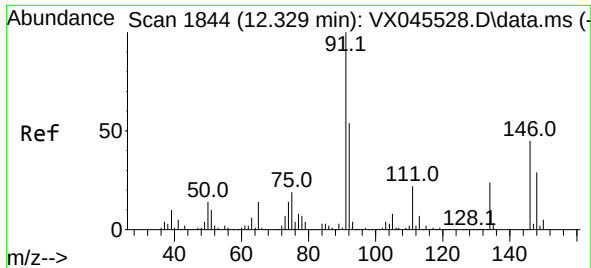
Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Tgt Ion:146 Resp: 46208

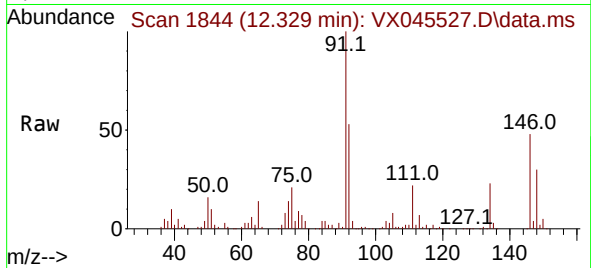
Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.9	62.8
148	62.6	31.5	94.5





#89
n-Butylbenzene
Concen: 20.662 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

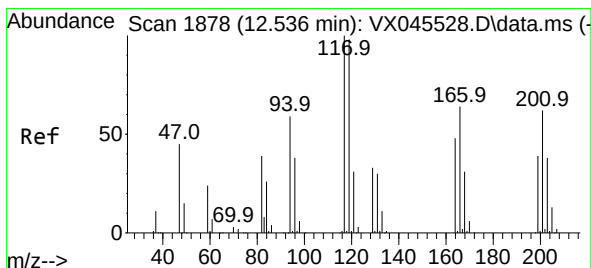
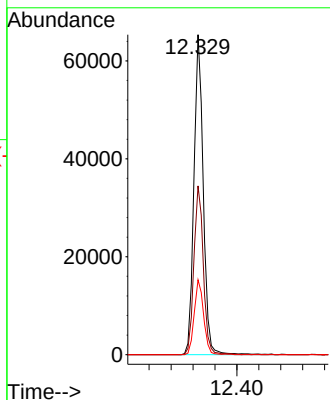
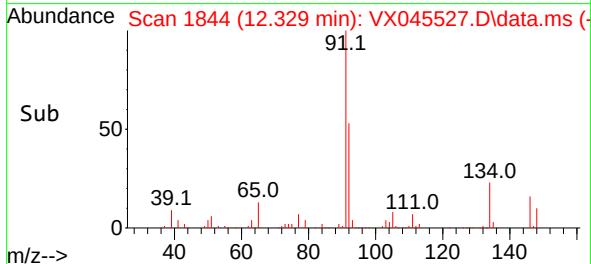
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 77739
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 23.4 11.9 35.7

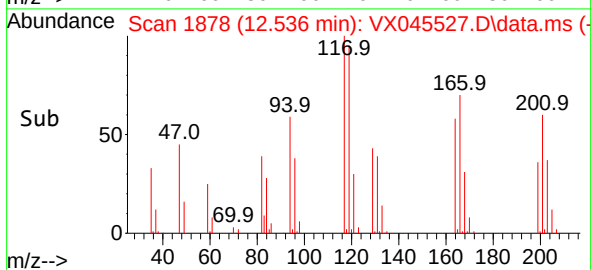
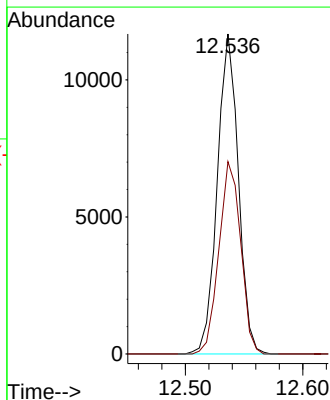
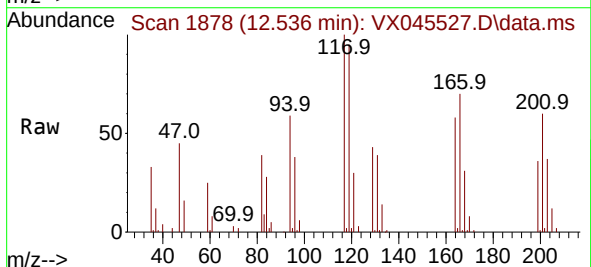
Manual Integrations
APPROVED

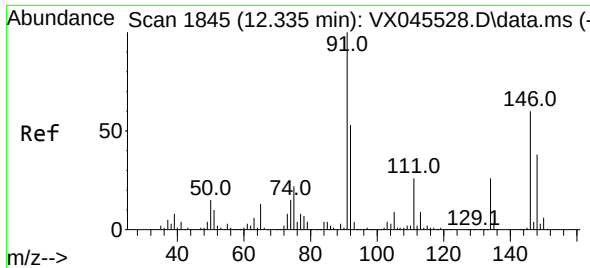
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#90
Hexachloroethane
Concen: 19.505 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

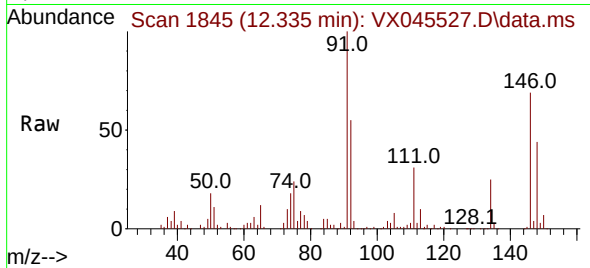
Tgt Ion:117 Resp: 14544
Ion Ratio Lower Upper
117 100
201 62.2 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 20.896 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

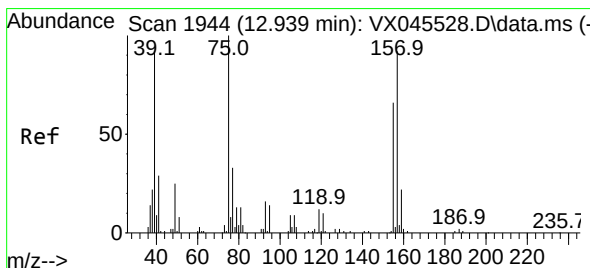
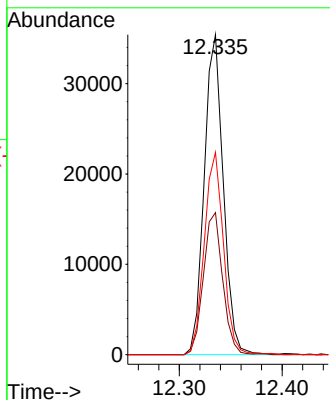
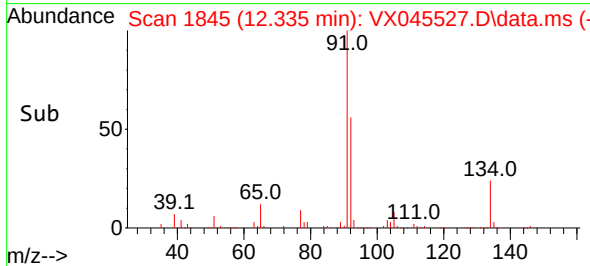
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



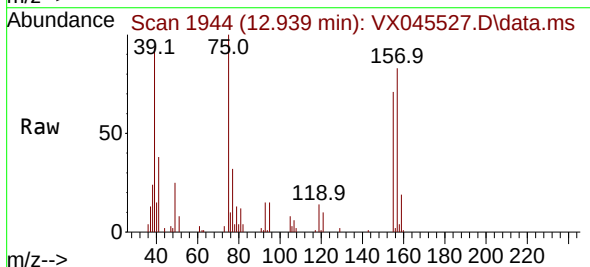
Tgt Ion:146 Resp: 4573
Ion Ratio Lower Upper
146 100
111 45.0 22.9 68.8
148 63.6 31.9 95.5

Manual Integrations
APPROVED

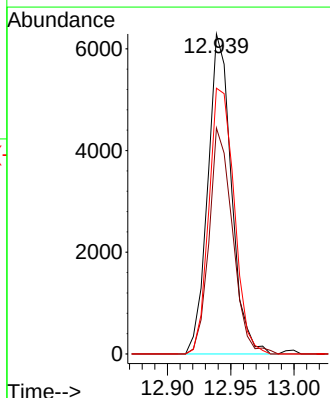
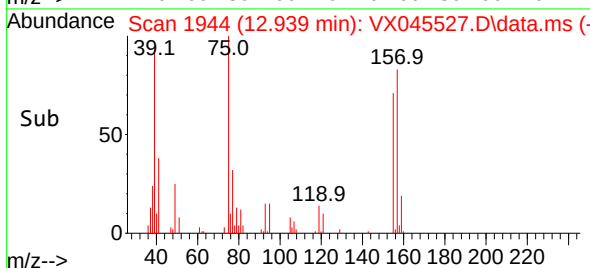
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

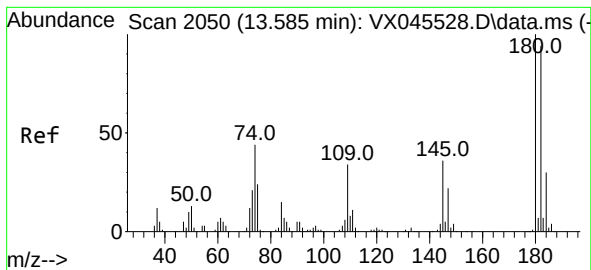


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.203 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52



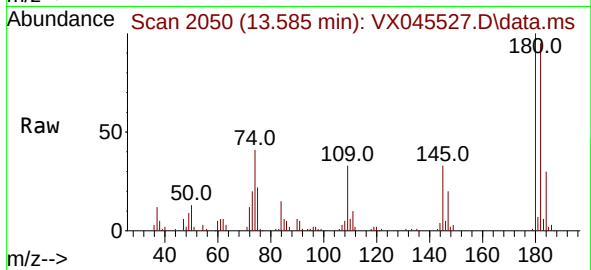
Tgt Ion: 75 Resp: 8153
Ion Ratio Lower Upper
75 100
155 70.0 34.9 104.7
157 89.1 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.347 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

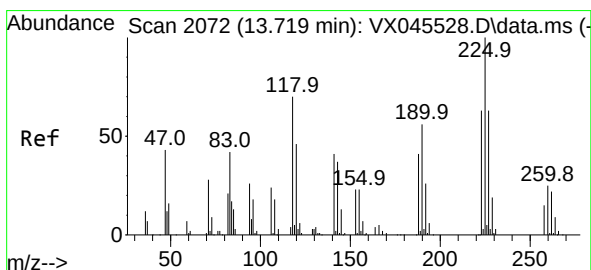
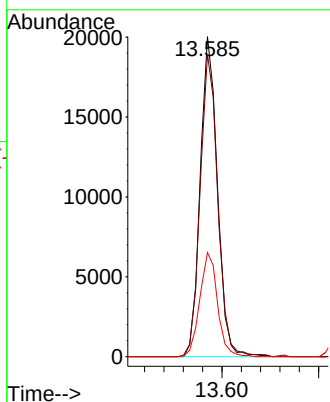
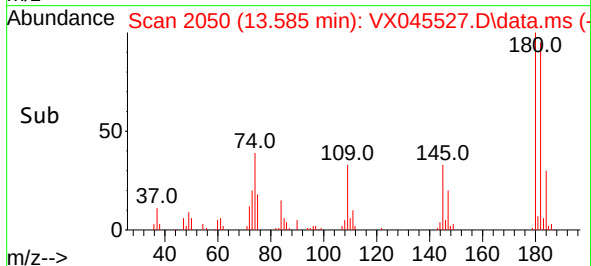
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



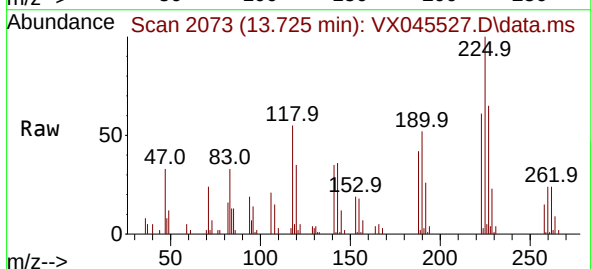
Tgt Ion:180 Resp: 2478
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.6
145 33.6 17.9 53.8

Manual Integrations
APPROVED

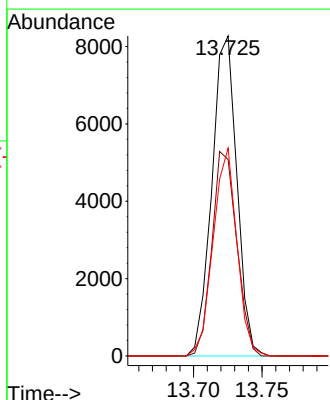
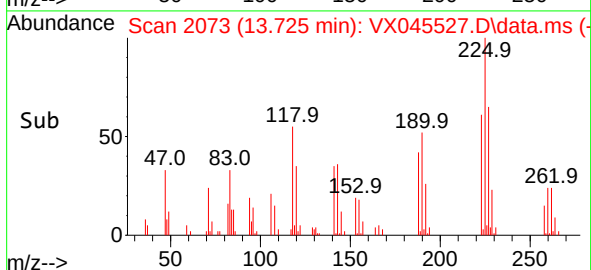
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

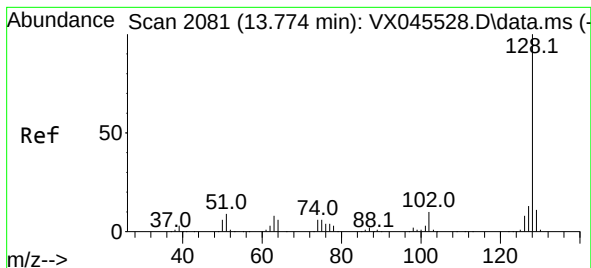


#94
Hexachlorobutadiene
Concen: 19.979 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52



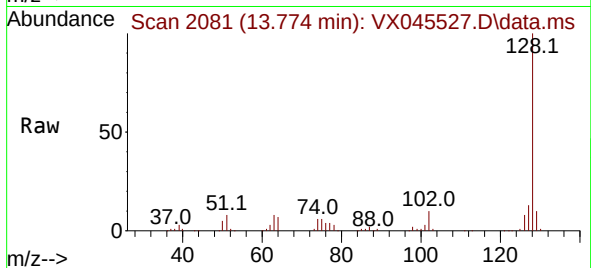
Tgt Ion:225 Resp: 10488
Ion Ratio Lower Upper
225 100
223 63.6 31.1 93.3
227 61.6 32.2 96.6





#95
Naphthalene
Concen: 20.928 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

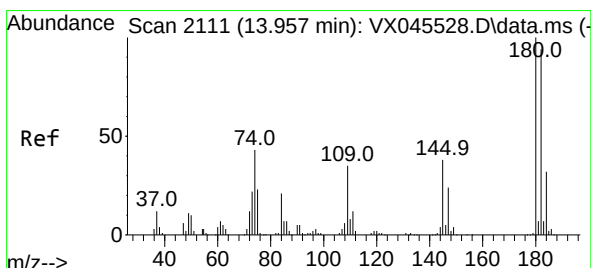
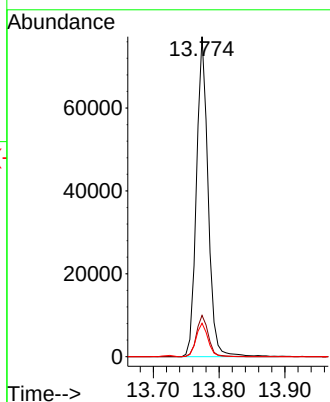
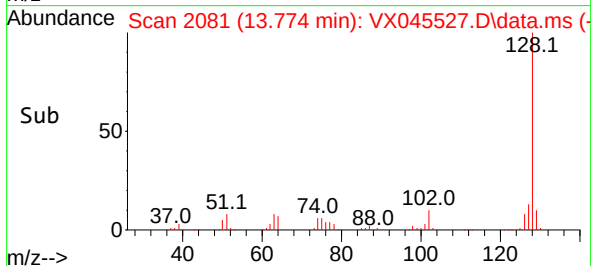
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



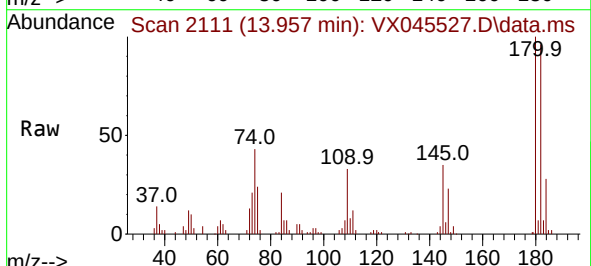
Tgt Ion:128 Resp: 94875
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.7 8.6 12.8

Manual Integrations
APPROVED

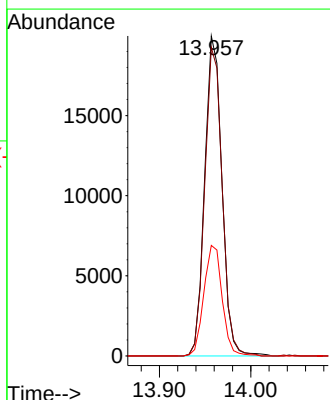
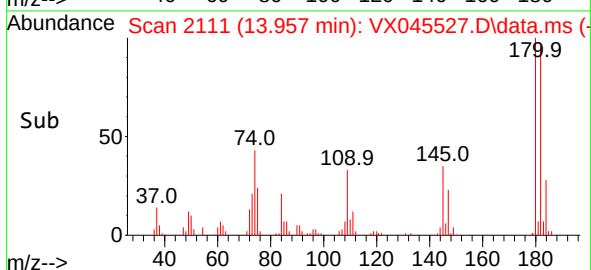
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.471 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52



Tgt Ion:180 Resp: 26113
Ion Ratio Lower Upper
180 100
182 97.4 47.3 141.8
145 36.7 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045528.D
 Acq On : 01 Apr 2025 18:15
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	95658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83054	47.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.960%		
35) Dibromofluoromethane	5.379	113	58108	48.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.340%		
50) Toluene-d8	8.647	98	204338	49.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.060%		
62) 4-Bromofluorobenzene	11.079	95	76190	50.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78444	54.834	ug/l	100
3) Chloromethane	1.307	50	75032	51.054	ug/l	100
4) Vinyl Chloride	1.374	62	68516	50.942	ug/l	100
5) Bromomethane	1.593	94	31584	49.526	ug/l	100
6) Chloroethane	1.666	64	38112	53.409	ug/l	100
7) Trichlorofluoromethane	1.874	101	103888	51.798	ug/l	100
8) Diethyl Ether	2.136	74	33953	50.424	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	59431	50.569	ug/l	100
10) Methyl Iodide	2.447	142	76404	52.121	ug/l	100
11) Tert butyl alcohol	2.977	59	60610	257.809	ug/l	100
12) 1,1-Dichloroethene	2.313	96	57738	50.278	ug/l	100
13) Acrolein	2.239	56	79989	247.074	ug/l	100
14) Allyl chloride	2.660	41	112085	51.441	ug/l	100
15) Acrylonitrile	3.062	53	194445	262.015	ug/l	100
16) Acetone	2.386	43	180563	251.366	ug/l	100
17) Carbon Disulfide	2.508	76	148601	52.393	ug/l	100
18) Methyl Acetate	2.703	43	82000	49.581	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	202582	50.429	ug/l	100
20) Methylene Chloride	2.782	84	67855	50.457	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59696	50.882	ug/l	100
22) Diisopropyl ether	3.764	45	219374	51.111	ug/l	100
23) Vinyl Acetate	3.721	43	998064	269.139	ug/l	100
24) 1,1-Dichloroethane	3.605	63	121348	49.992	ug/l	100
25) 2-Butanone	4.556	43	280076	266.363	ug/l	100
26) 2,2-Dichloropropane	4.471	77	81054	51.683	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71871	50.282	ug/l	100
28) Bromochloromethane	4.897	49	57046	48.632	ug/l	100
29) Tetrahydrofuran	5.001	42	177402	260.230	ug/l	100
30) Chloroform	5.086	83	125797	50.366	ug/l	100
31) Cyclohexane	5.464	56	107407	50.052	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	106062	50.184	ug/l	100
36) 1,1-Dichloropropene	5.684	75	81607	50.620	ug/l	100
37) Ethyl Acetate	4.715	43	104896	51.632	ug/l	100
38) Carbon Tetrachloride	5.672	117	90247	51.797	ug/l	100
39) Methylcyclohexane	7.373	83	104678	52.970	ug/l	100
40) Benzene	6.031	78	249161	50.605	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045528.D
 Acq On : 01 Apr 2025 18:15
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59068	54.623	ug/l	100
42) 1,2-Dichloroethane	6.080	62	104601	51.437	ug/l	100
43) Isopropyl Acetate	6.336	43	164588	53.452	ug/l	100
44) Trichloroethene	7.123	130	59042	50.452	ug/l	100
45) 1,2-Dichloropropane	7.427	63	63316	51.540	ug/l	100
46) Dibromomethane	7.574	93	49125	52.092	ug/l	100
47) Bromodichloromethane	7.818	83	96176	51.068	ug/l	100
48) Methyl methacrylate	7.690	41	85483	53.768	ug/l	100
49) 1,4-Dioxane	7.659	88	31199	1084.635	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	558029	273.375	ug/l	100
52) Toluene	8.714	92	153143	51.402	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	85462	47.317	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	95524	53.975	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	60452	50.919	ug/l	100
56) Ethyl methacrylate	9.116	69	100998	54.970	ug/l	100
57) 1,3-Dichloropropane	9.305	76	106580	51.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	250428	269.434	ug/l	100
59) 2-Hexanone	9.427	43	413824	273.765	ug/l	100
60) Dibromochloromethane	9.519	129	69258	53.511	ug/l	100
61) 1,2-Dibromoethane	9.604	107	62812	52.264	ug/l	100
64) Tetrachloroethene	9.269	164	52155	49.181	ug/l	100
65) Chlorobenzene	10.073	112	162829	50.733	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55974	50.233	ug/l	100
67) Ethyl Benzene	10.189	91	301481	52.447	ug/l	100
68) m/p-Xylenes	10.299	106	218702	104.606	ug/l	100
69) o-Xylene	10.640	106	108028	52.452	ug/l	100
70) Styrene	10.653	104	182620	53.723	ug/l	100
71) Bromoform	10.799	173	44397	53.361	ug/l #	100
73) Isopropylbenzene	10.957	105	287628	52.203	ug/l	100
74) N-amyl acetate	10.842	43	141589	53.721	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	95200	49.185	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84279m	50.230	ug/l	
77) Bromobenzene	11.195	156	64527	50.686	ug/l	100
78) n-propylbenzene	11.299	91	336796	53.069	ug/l	100
79) 2-Chlorotoluene	11.360	91	203994	50.279	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	241536	53.013	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25488	51.556	ug/l	100
82) 4-Chlorotoluene	11.451	91	237213	52.439	ug/l	100
83) tert-Butylbenzene	11.713	119	235715	52.256	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	242301	52.986	ug/l	100
85) sec-Butylbenzene	11.890	105	295799	53.391	ug/l	100
86) p-Isopropyltoluene	12.006	119	242416	53.073	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	116890	50.441	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	117164	49.871	ug/l	100
89) n-Butylbenzene	12.329	91	217345	54.874	ug/l	100
90) Hexachloroethane	12.536	117	41095	52.352	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	115426	50.099	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21712	53.638	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	65145	50.797	ug/l	100
94) Hexachlorobutadiene	13.719	225	27795	50.296	ug/l	100
95) Naphthalene	13.774	128	256009	53.643	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68781	51.219	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

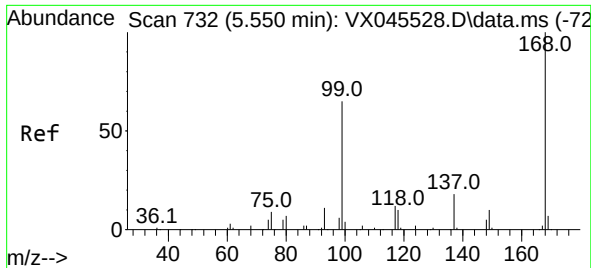
Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

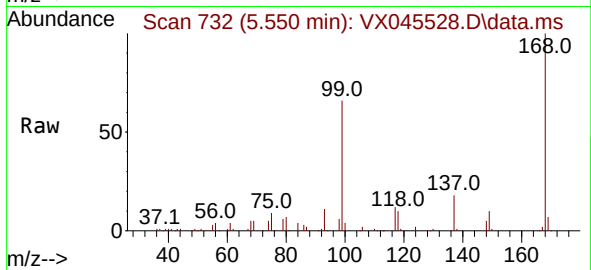
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.000 min
 Lab File: VX045528.D
 Acq: 01 Apr 2025 18:15

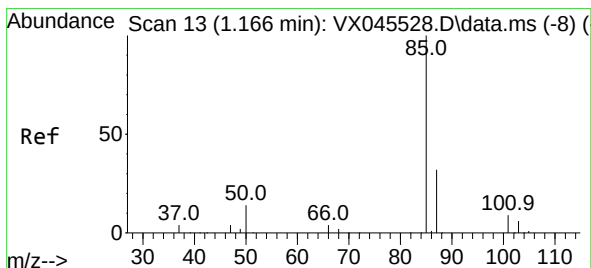
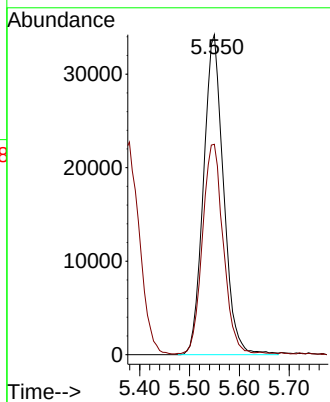
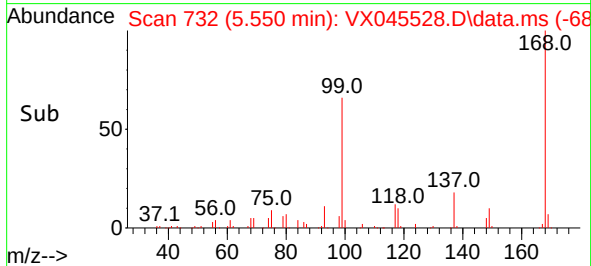
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion:168 Resp: 95658
 Ion Ratio Lower Upper
 168 100
 99 65.4 52.3 78.5

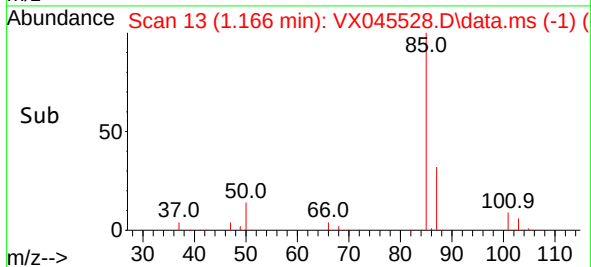
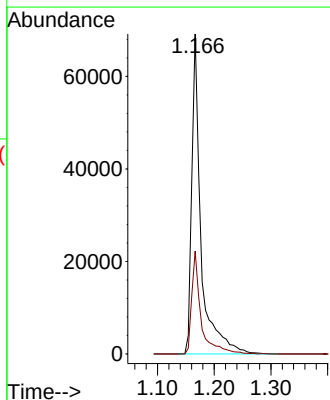
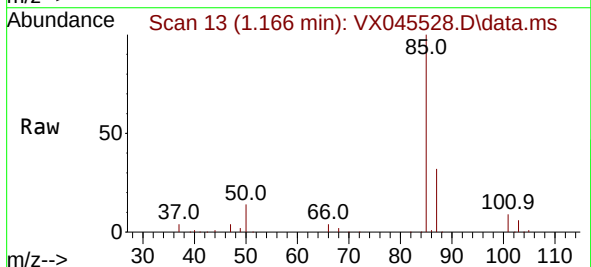
Manual Integrations
 APPROVED

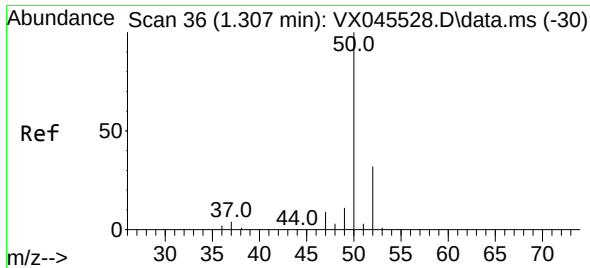
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#2
 Dichlorodifluoromethane
 Concen: 54.834 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX045528.D
 Acq: 01 Apr 2025 18:15

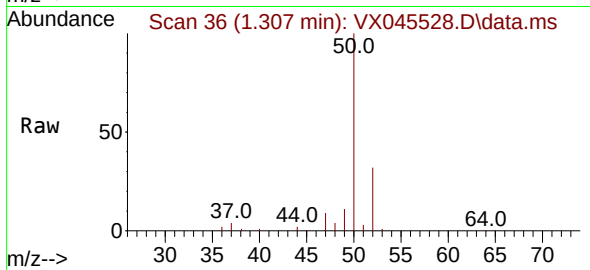
Tgt Ion: 85 Resp: 78444
 Ion Ratio Lower Upper
 85 100
 87 32.1 16.1 48.2





#3
Chloromethane
Concen: 51.054 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

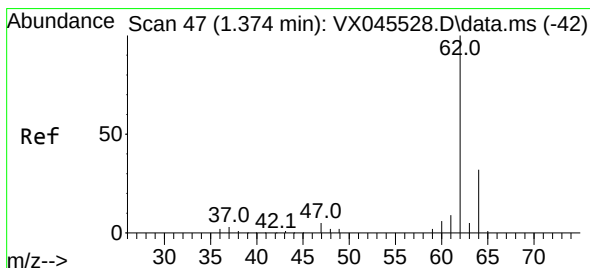
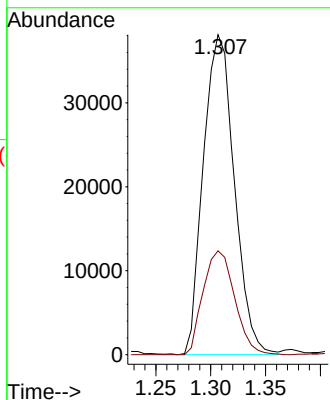
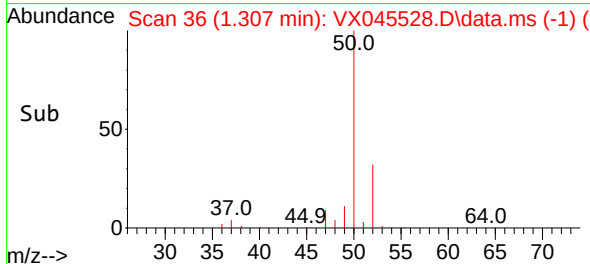
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 75032
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

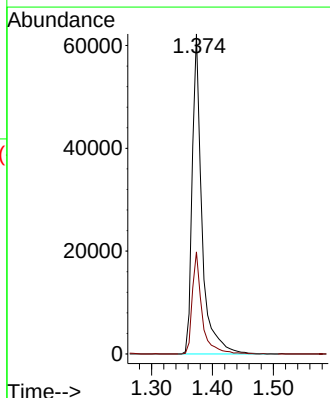
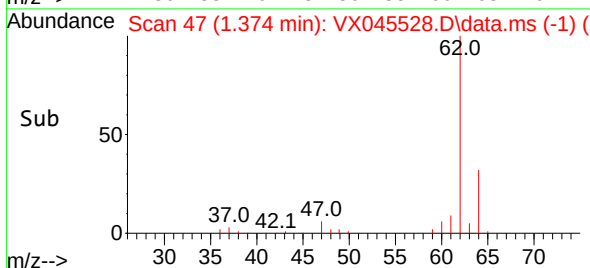
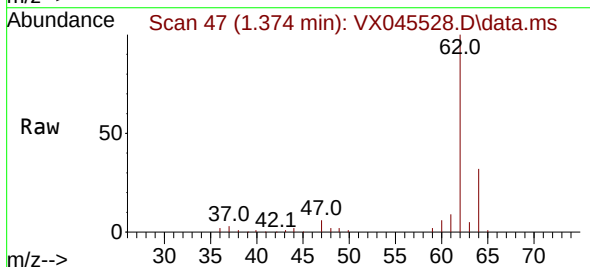
Manual Integrations
APPROVED

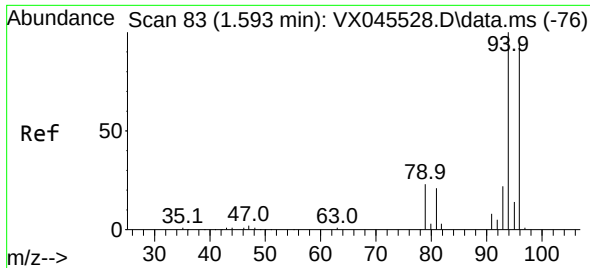
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 50.942 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

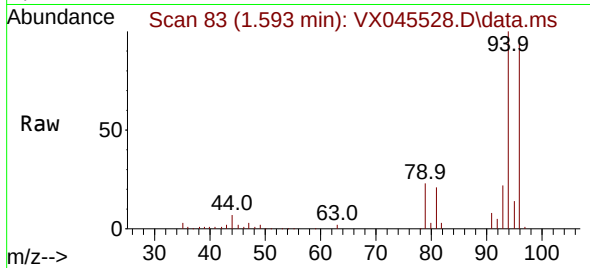
Tgt Ion: 62 Resp: 68516
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





#5
Bromomethane
Concen: 49.526 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

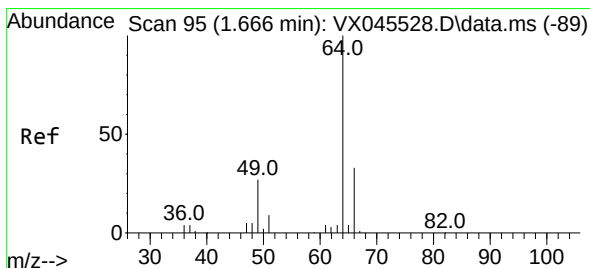
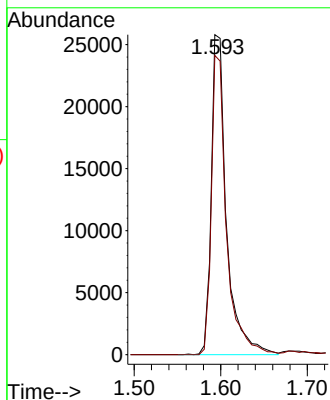
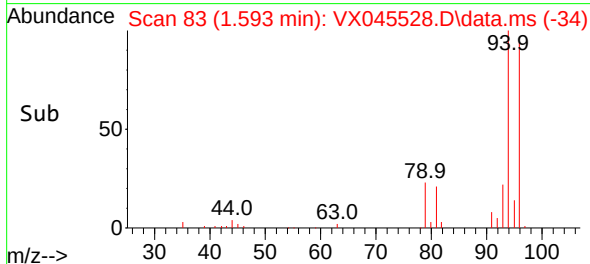
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 94 Resp: 31584
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2

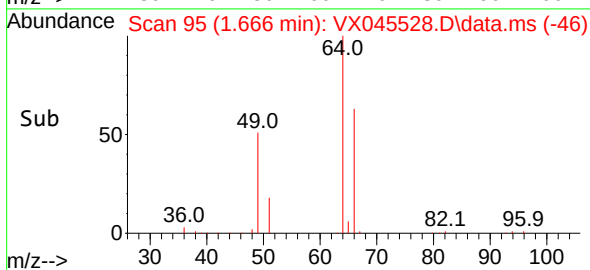
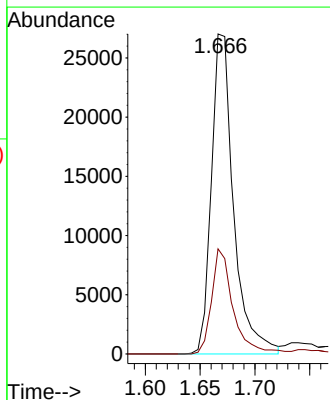
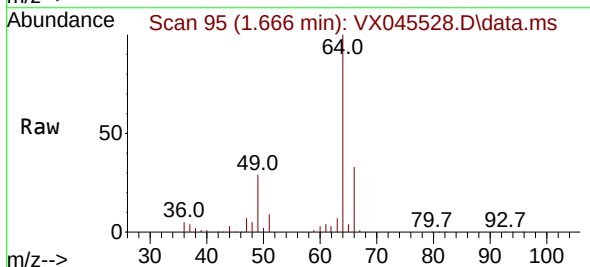
Manual Integrations
APPROVED

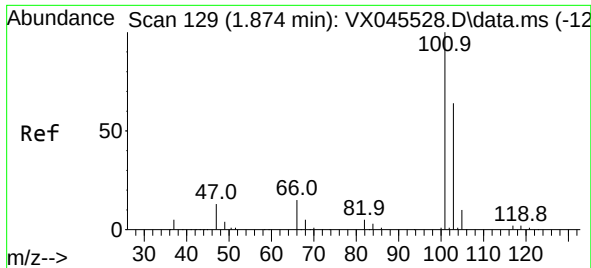
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 53.409 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

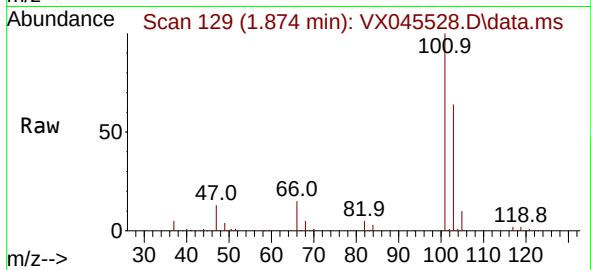
Tgt Ion: 64 Resp: 38112
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 51.798 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

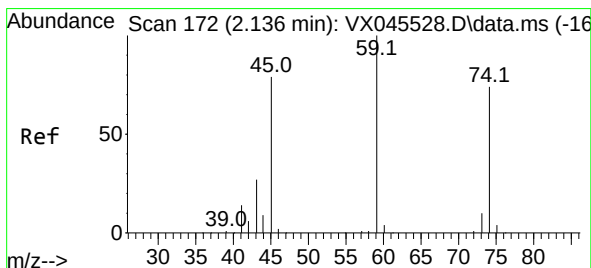
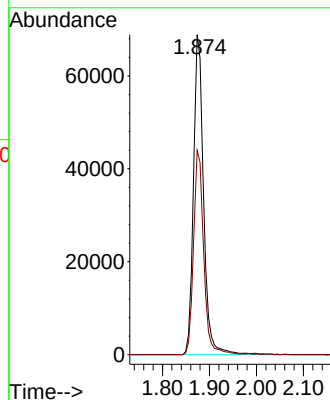
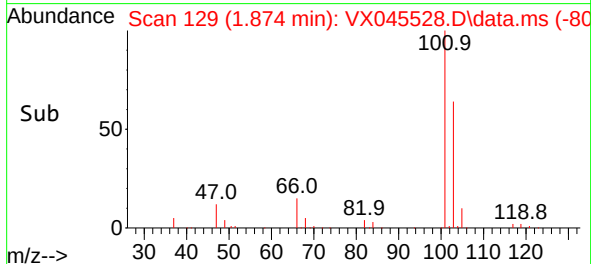
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 10388
Ion Ratio Lower Upper
101 100
103 63.9 51.1 76.7

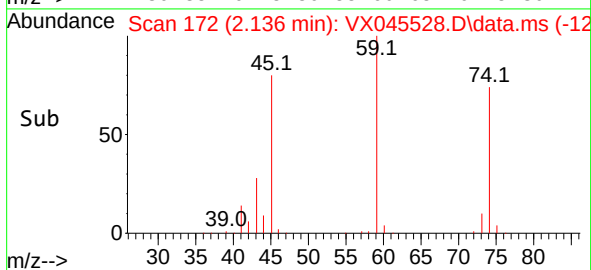
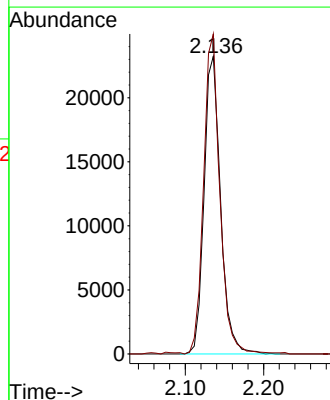
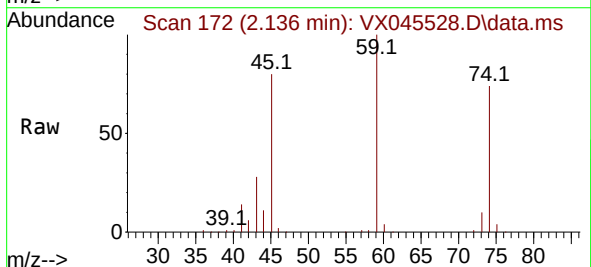
Manual Integrations
APPROVED

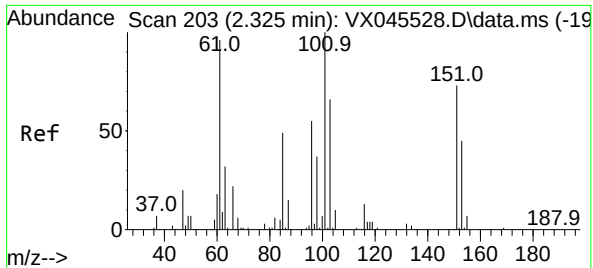
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#8
Diethyl Ether
Concen: 50.424 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 74 Resp: 33953
Ion Ratio Lower Upper
74 100
45 106.1 53.0 159.1





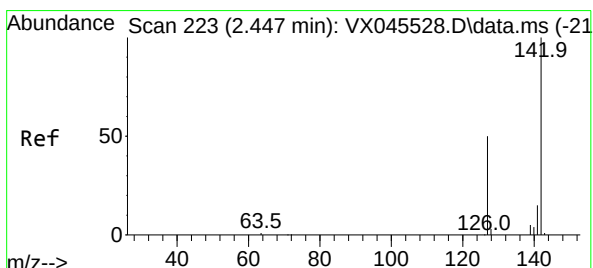
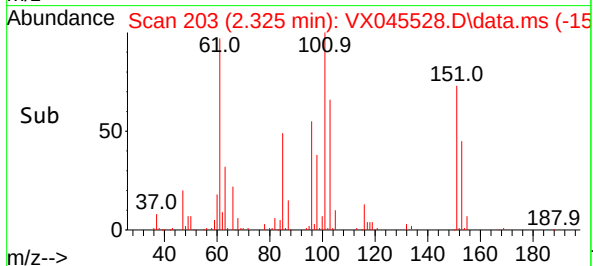
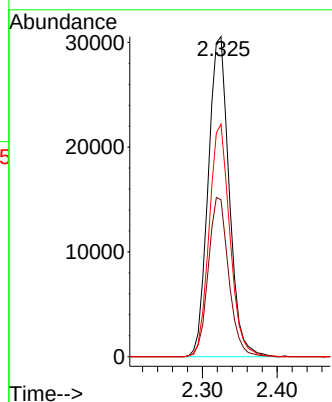
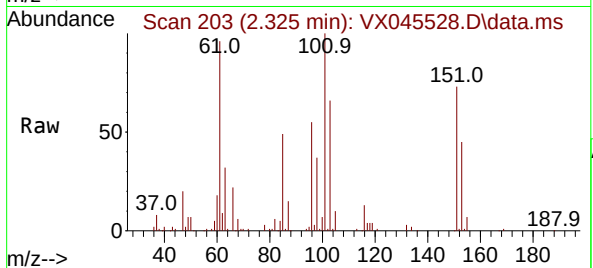
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.569 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 5943
Ion Ratio Lower Upper
101 100
85 48.6 38.9 58.3
151 71.9 57.5 86.3

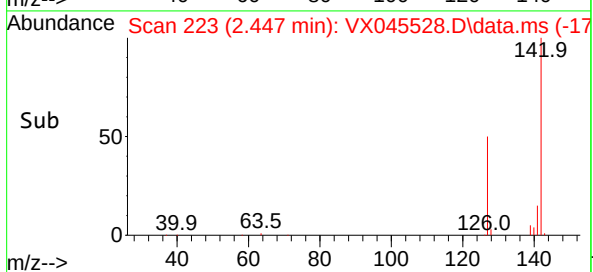
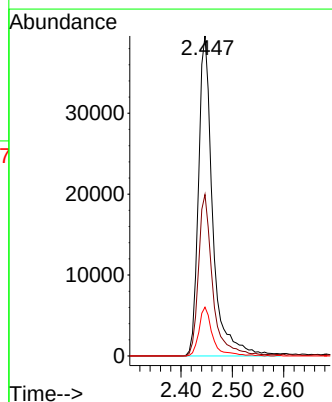
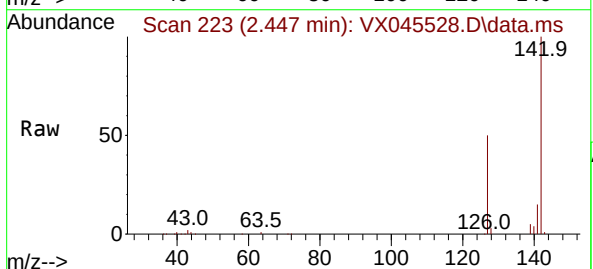
Manual Integrations
APPROVED

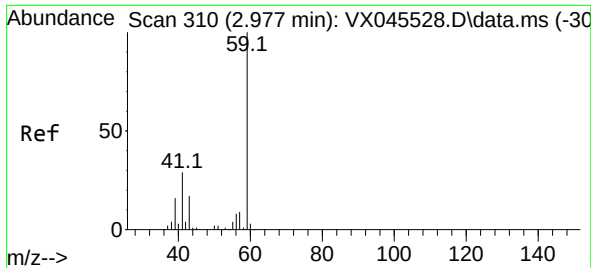
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 52.121 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

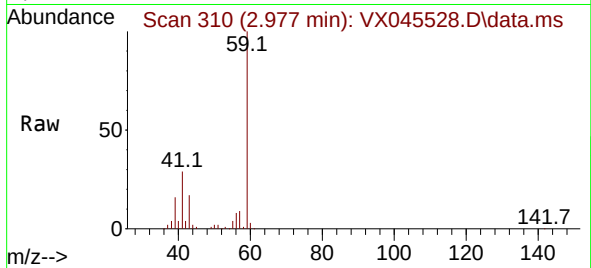
Tgt Ion:142 Resp: 76404
Ion Ratio Lower Upper
142 100
127 50.3 40.2 60.4
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 257.809 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

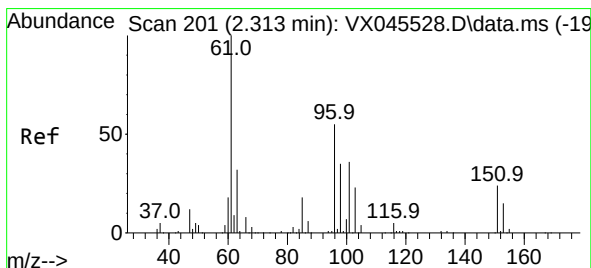
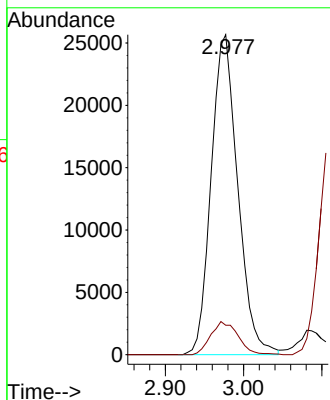
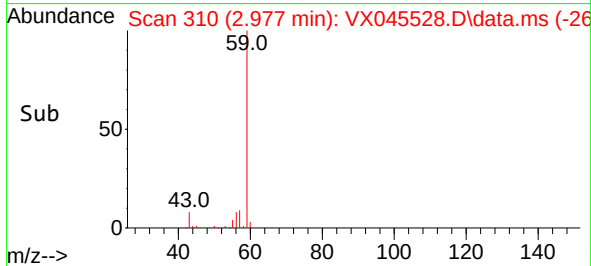
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



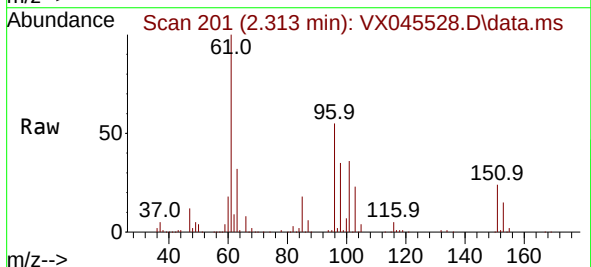
Tgt Ion: 59 Resp: 60610
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

Manual Integrations
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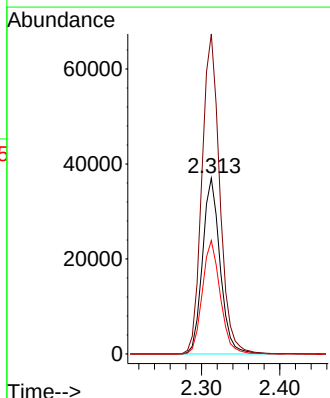
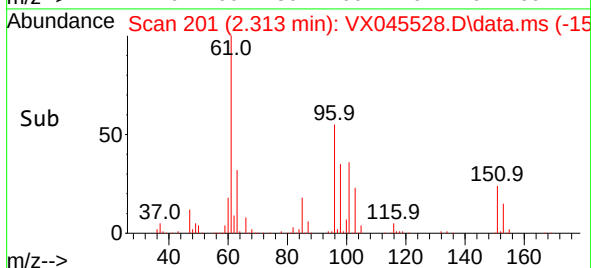
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

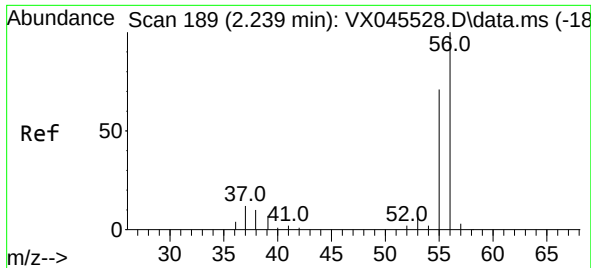


#12
1,1-Dichloroethene
Concen: 50.278 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15



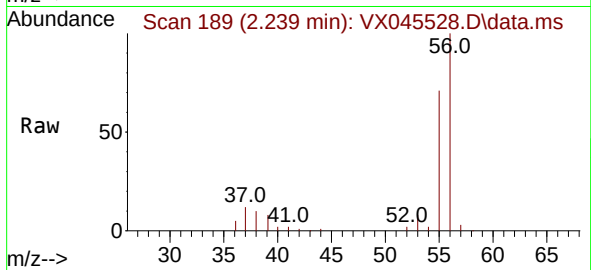
Tgt Ion: 96 Resp: 57738
Ion Ratio Lower Upper
96 100
61 182.1 145.7 218.5
98 64.5 51.6 77.4





#13
Acrolein
Concen: 247.074 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

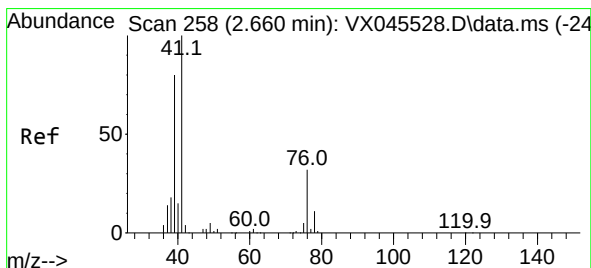
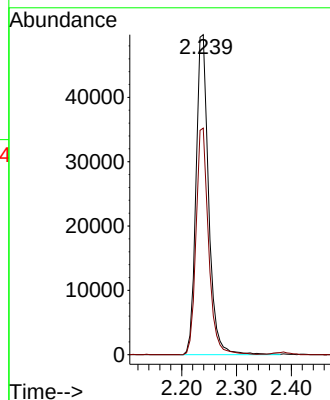
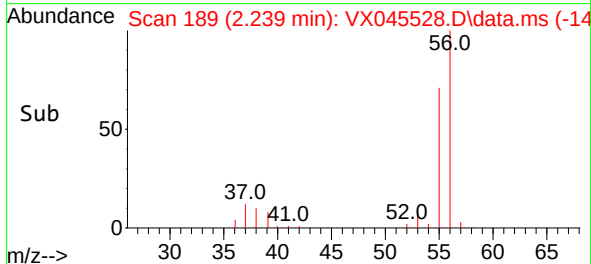
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 79985
Ion Ratio Lower Upper
56 100
55 70.2 56.2 84.2

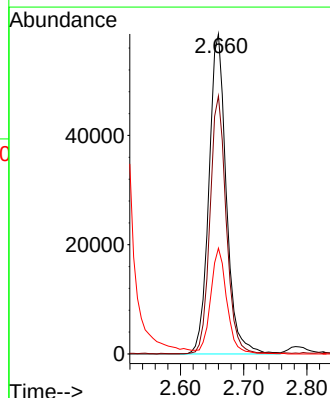
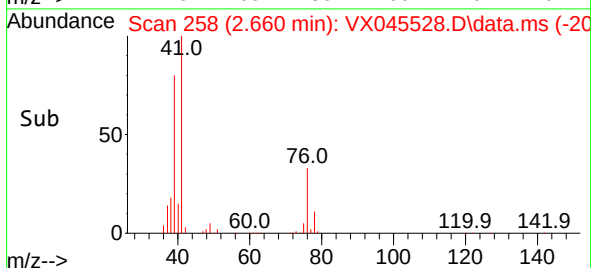
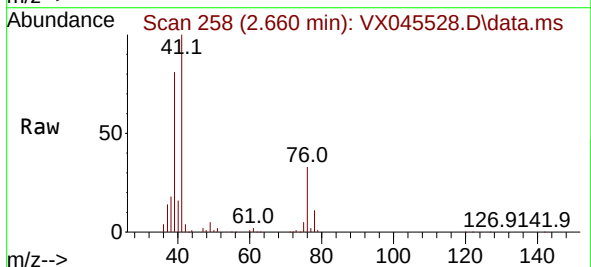
Manual Integrations
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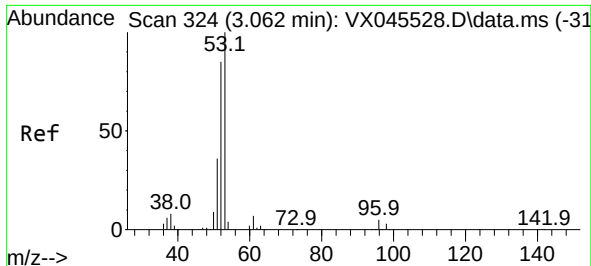
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#14
Allyl chloride
Concen: 51.441 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

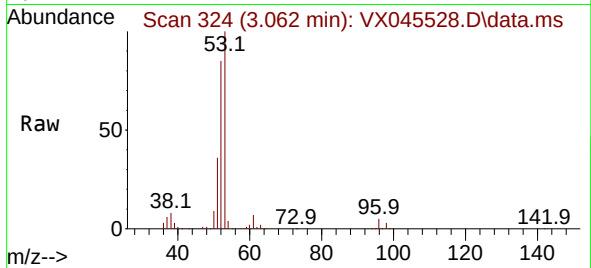
Tgt Ion: 41 Resp: 112085
Ion Ratio Lower Upper
41 100
39 75.2 60.2 90.2
76 30.7 24.6 36.8





#15
Acrylonitrile
Concen: 262.015 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

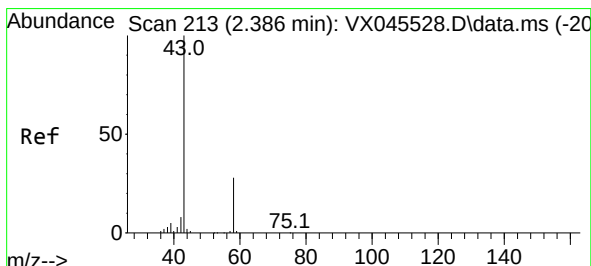
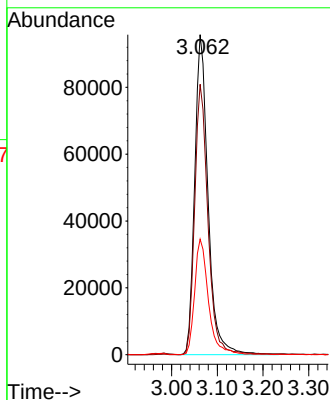
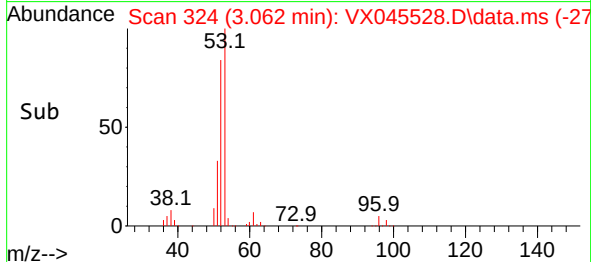
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



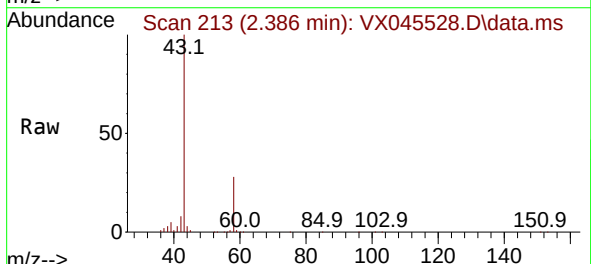
Tgt Ion: 53 Resp: 19444
Ion Ratio Lower Upper
53 100
52 84.3 67.4 101.2
51 37.4 29.9 44.9

Manual Integrations
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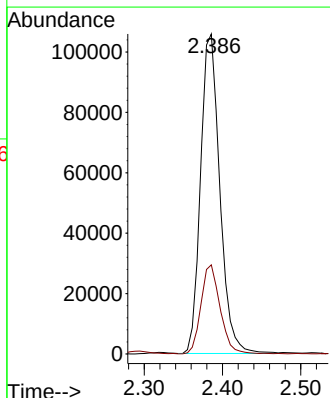
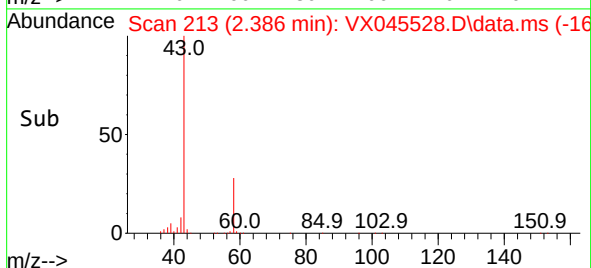
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

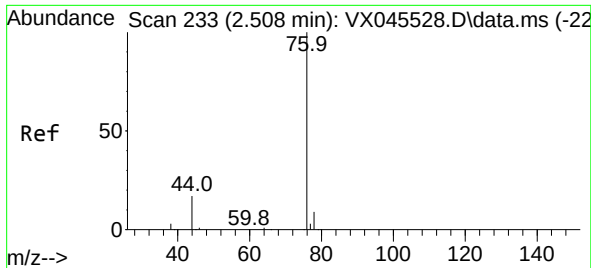


#16
Acetone
Concen: 251.366 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15



Tgt Ion: 43 Resp: 180563
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5





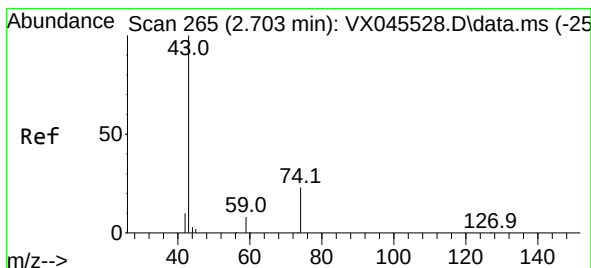
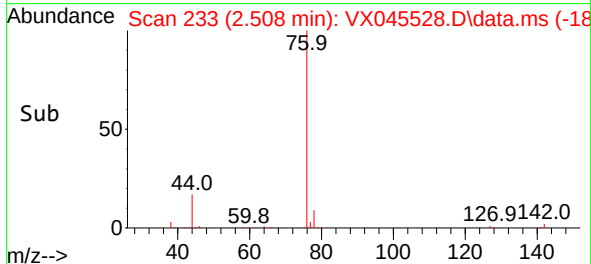
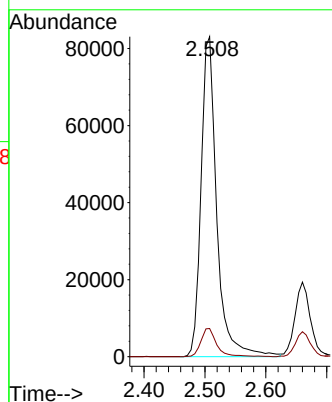
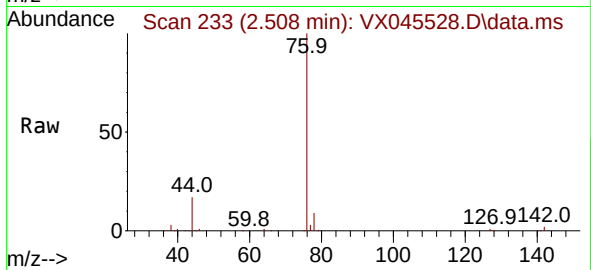
#17
Carbon Disulfide
Concen: 52.393 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 14860
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

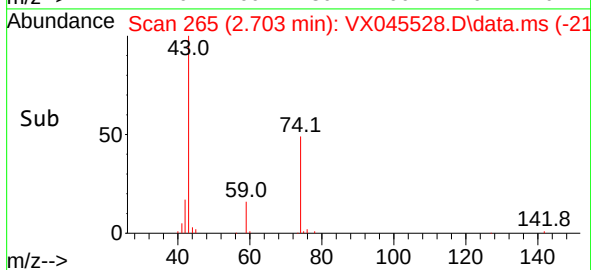
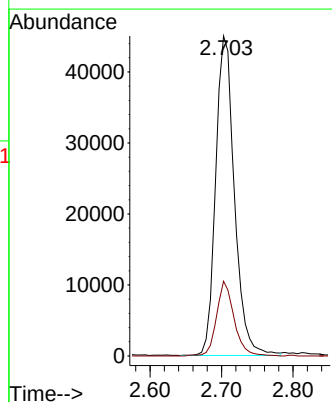
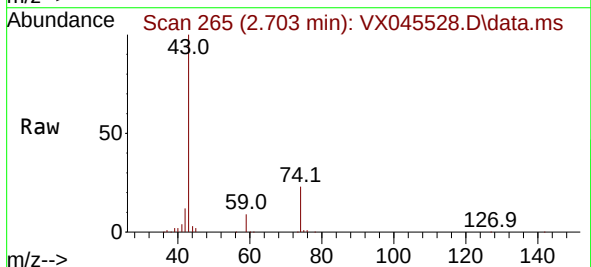
Manual Integrations
APPROVED

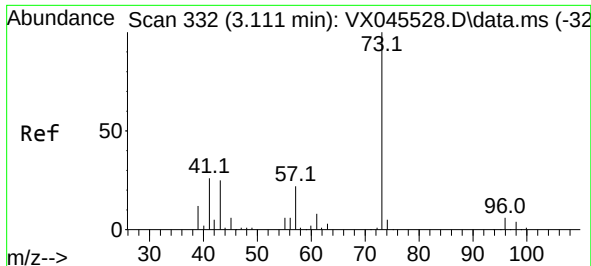
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#18
Methyl Acetate
Concen: 49.581 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 82000
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





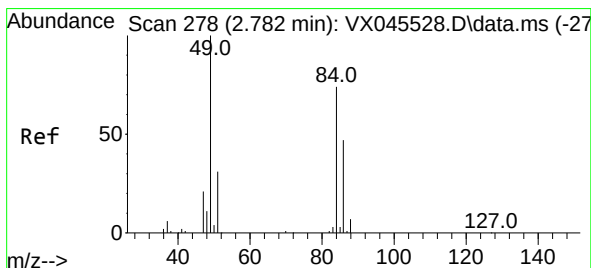
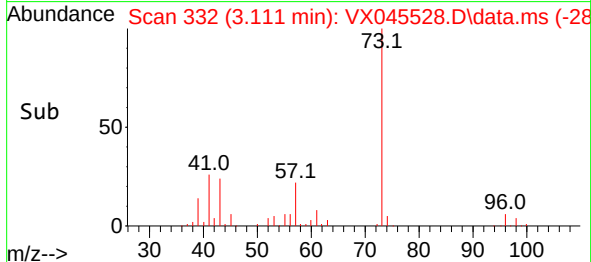
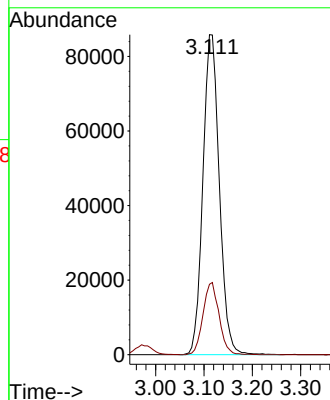
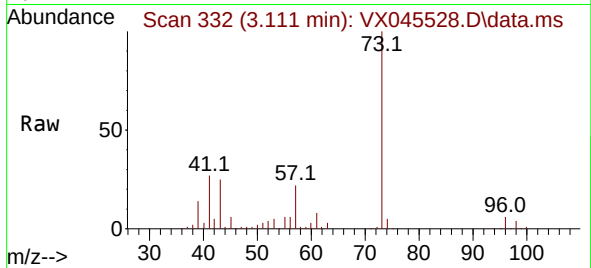
#19
Methyl tert-butyl Ether
Concen: 50.429 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 20258
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

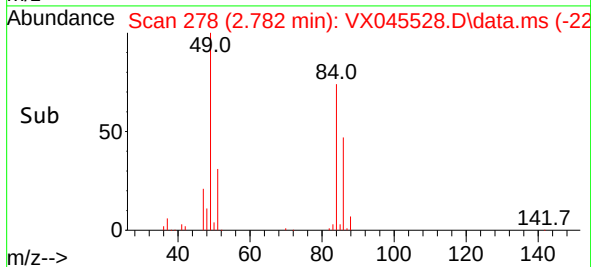
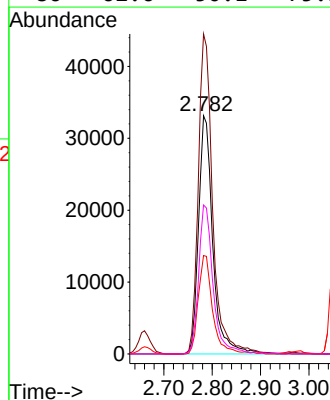
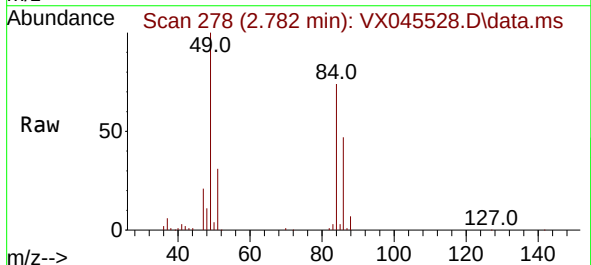
Manual Integrations
APPROVED

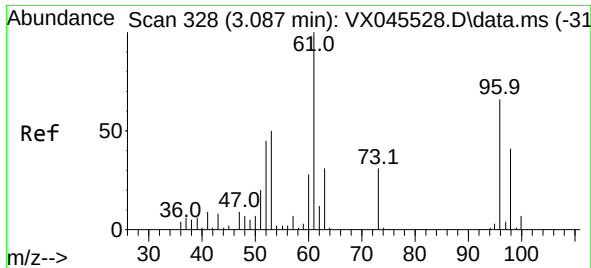
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#20
Methylene Chloride
Concen: 50.457 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

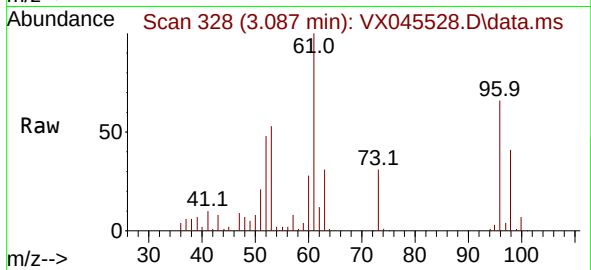
Tgt Ion: 84 Resp: 67855
Ion Ratio Lower Upper
84 100
49 134.4 107.5 161.3
51 41.3 33.0 49.6
86 62.6 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 50.882 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

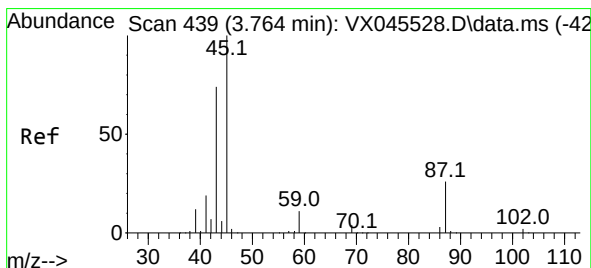
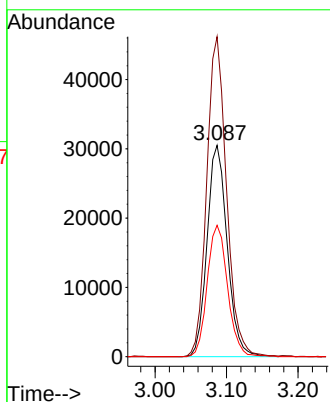
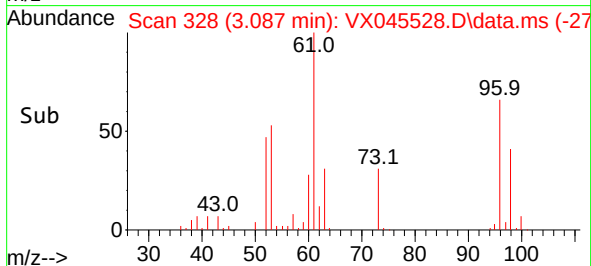
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 59690
Ion Ratio Lower Upper
96 100
61 151.3 121.0 181.6
98 62.1 49.7 74.5

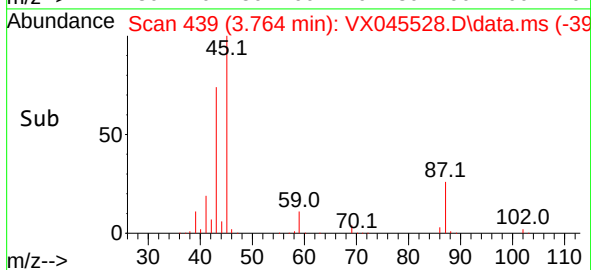
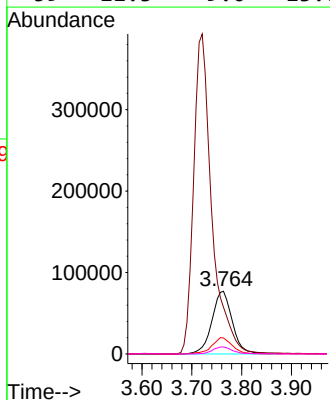
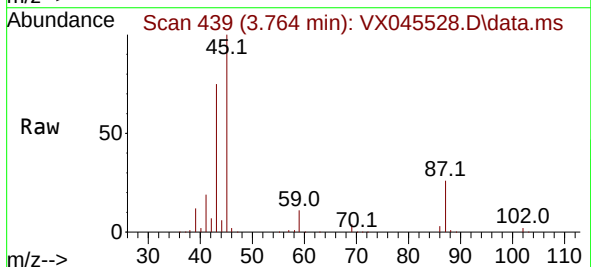
Manual Integrations
APPROVED

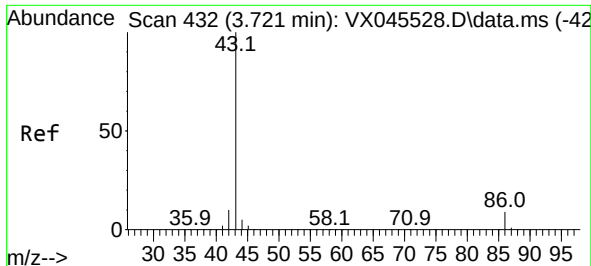
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#22
Diisopropyl ether
Concen: 51.111 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 45 Resp: 219374
Ion Ratio Lower Upper
45 100
43 74.1 59.3 88.9
87 25.5 20.4 30.6
59 11.3 9.0 13.6





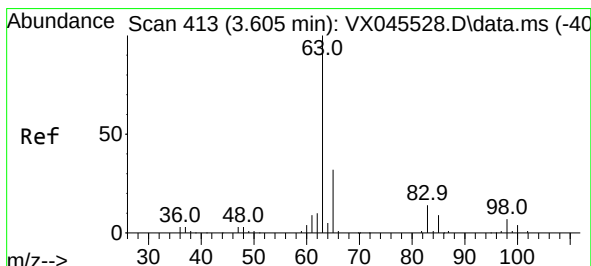
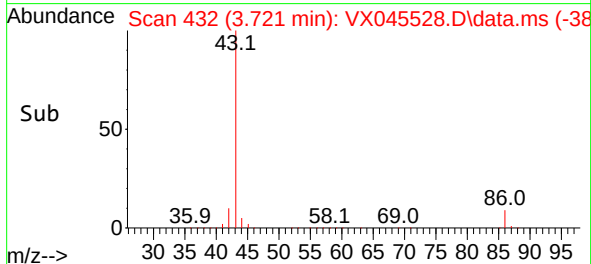
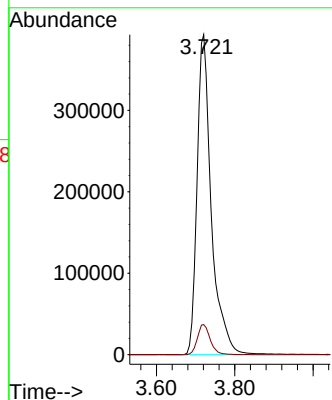
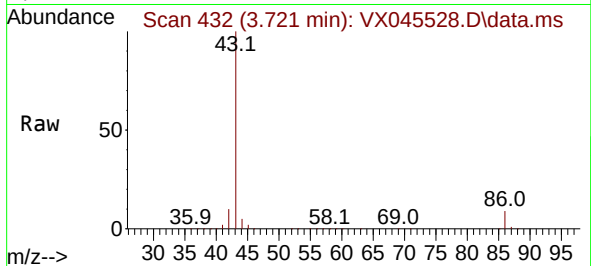
#23
 Vinyl Acetate
 Concen: 269.139 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045528.D
 Acq: 01 Apr 2025 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 998064
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

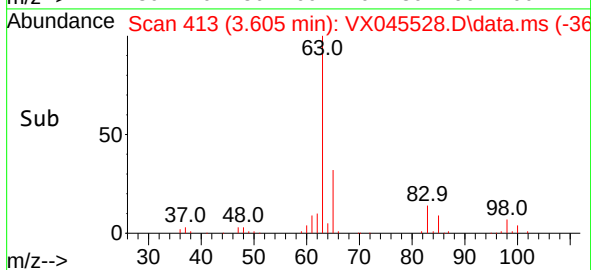
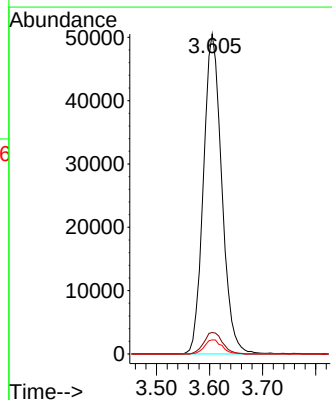
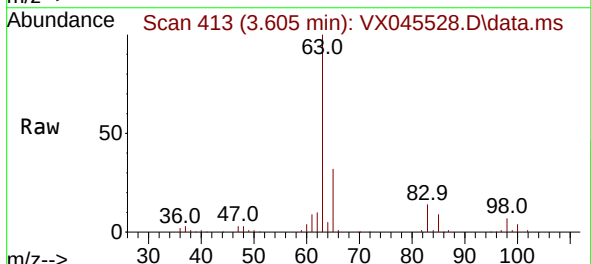
Manual Integrations
 APPROVED

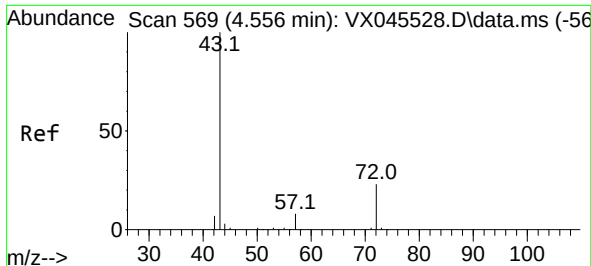
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#24
 1,1-Dichloroethane
 Concen: 49.992 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045528.D
 Acq: 01 Apr 2025 18:15

Tgt Ion: 63 Resp: 121348
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.4 2.2 6.6





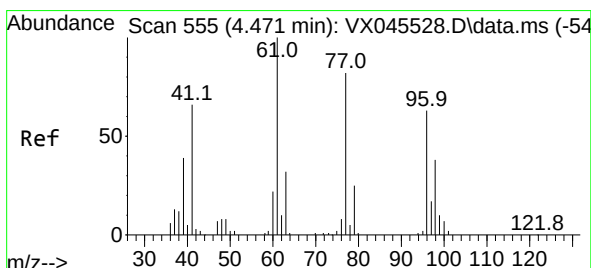
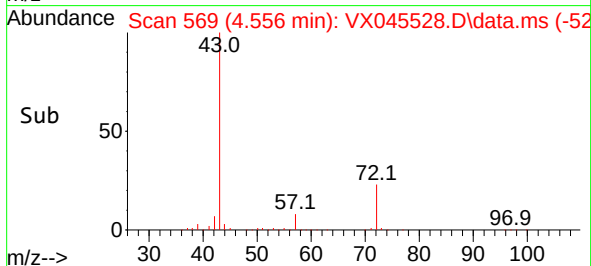
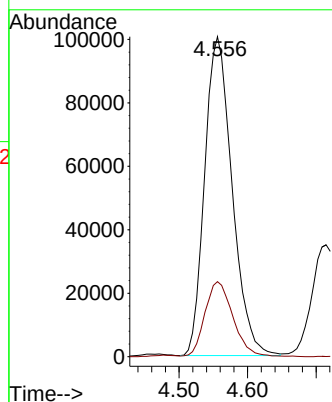
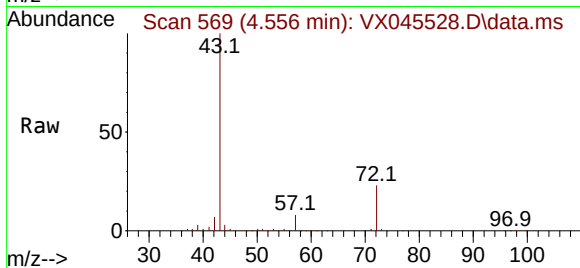
#25
2-Butanone
Concen: 266.363 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 280070
Ion Ratio Lower Upper
43 100
72 23.3 18.6 28.0

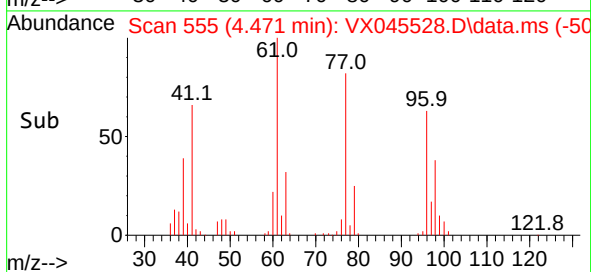
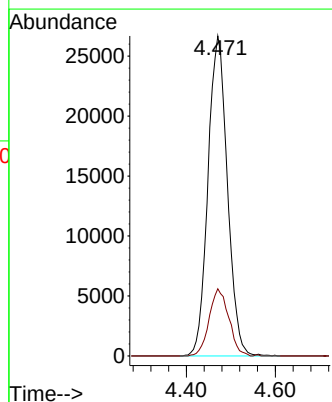
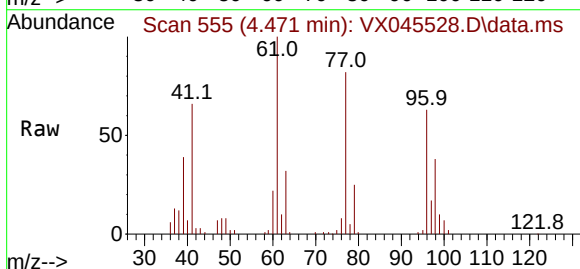
Manual Integrations
APPROVED

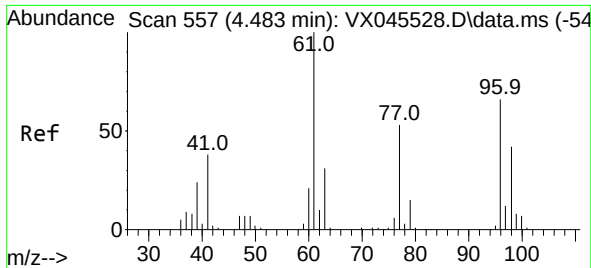
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 51.683 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

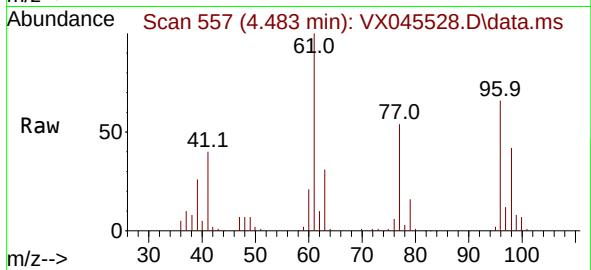
Tgt Ion: 77 Resp: 81054
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.282 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX045528.D
 Acq: 01 Apr 2025 18:15

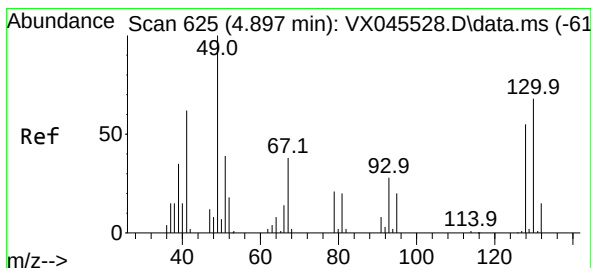
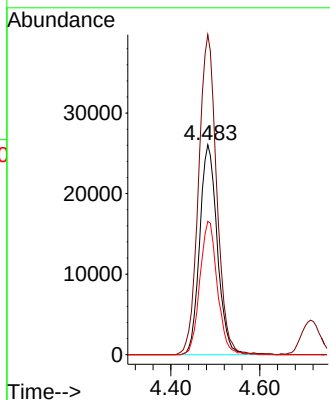
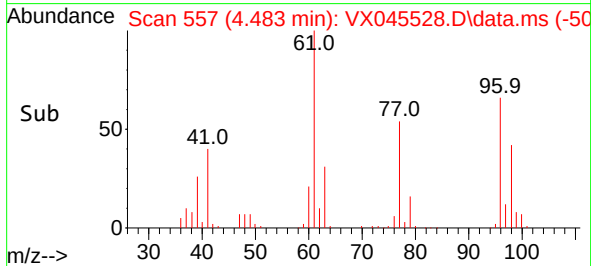
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 7187
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 313.2
 98 63.2 0.0 126.4

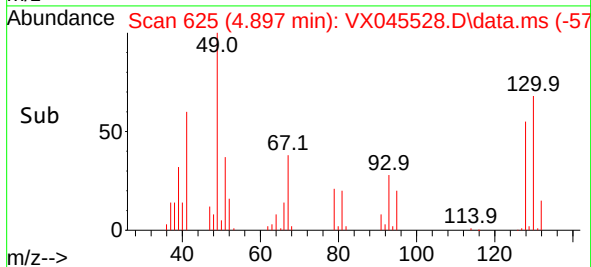
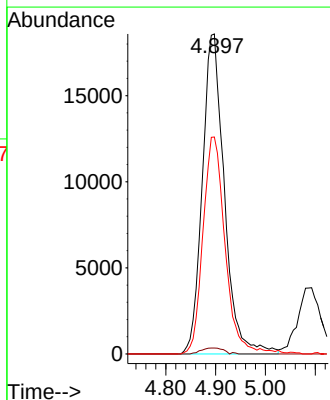
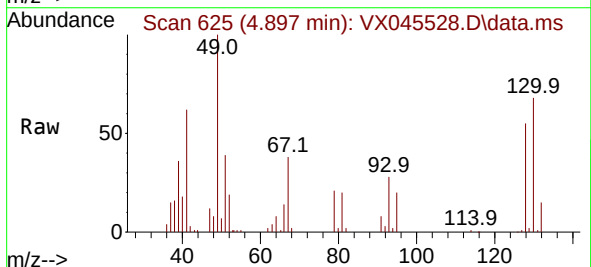
Manual Integrations
 APPROVED

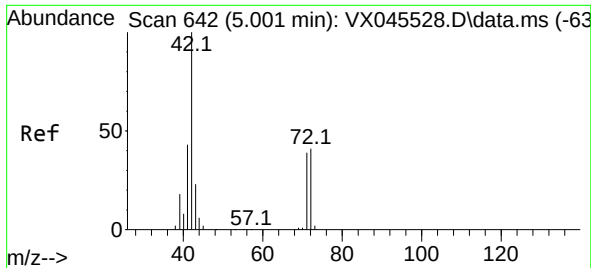
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#28
 Bromochloromethane
 Concen: 48.632 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX045528.D
 Acq: 01 Apr 2025 18:15

Tgt Ion: 49 Resp: 57046
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 68.2 54.6 81.8





#29

Tetrahydrofuran

Concen: 260.230 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 17740

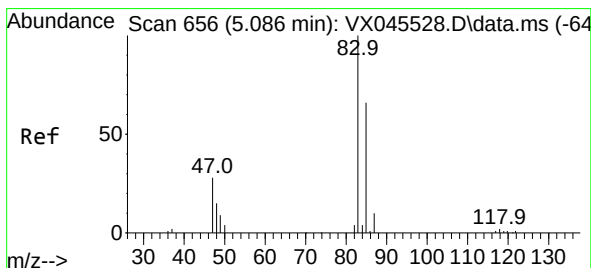
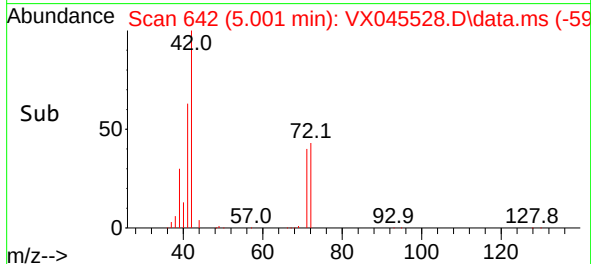
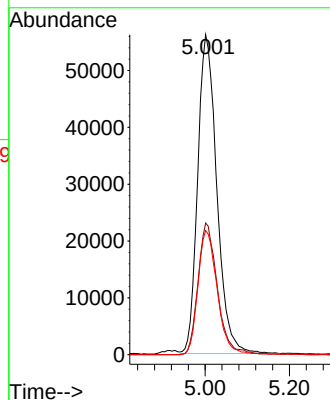
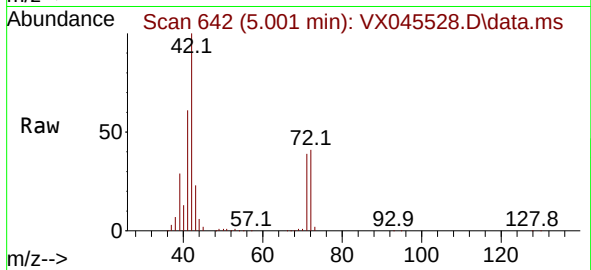
Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.4	50.0
71	39.2	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#30

Chloroform

Concen: 50.366 ug/l

RT: 5.086 min Scan# 656

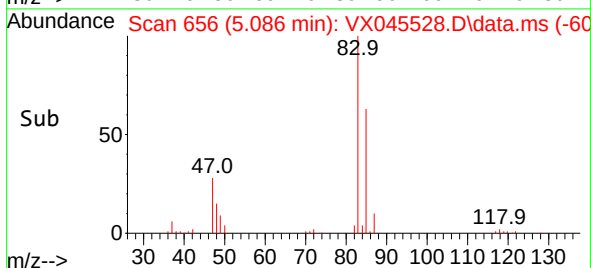
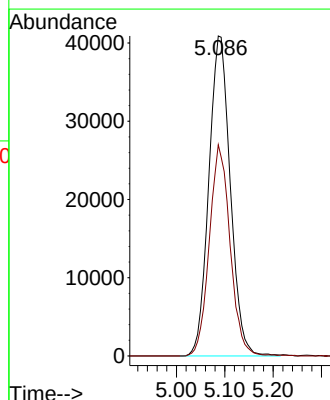
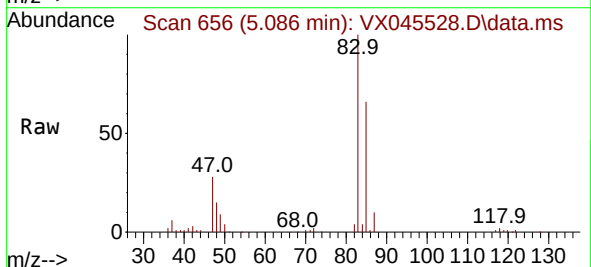
Delta R.T. 0.000 min

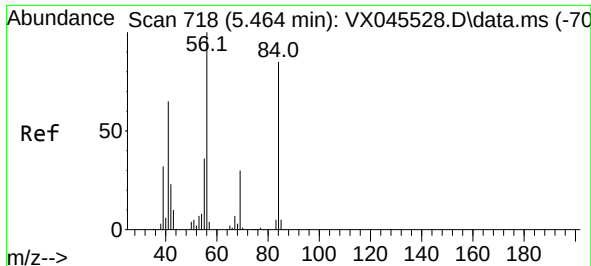
Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion: 83 Resp: 125797

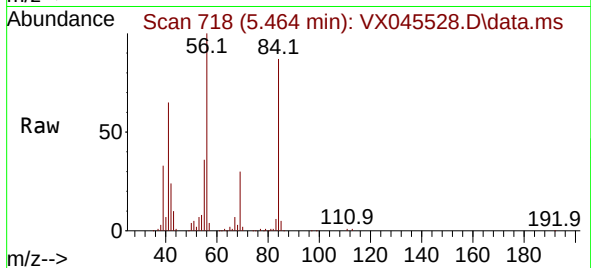
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.8	79.2





#31
Cyclohexane
Concen: 50.052 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

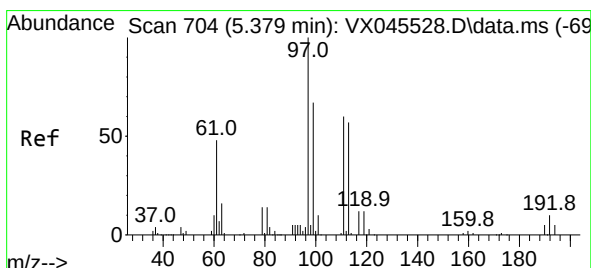
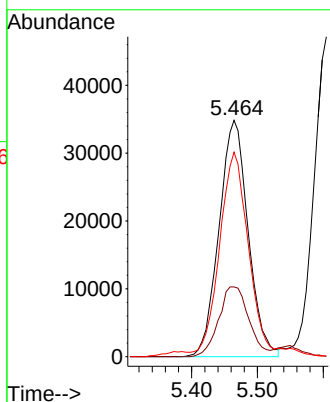
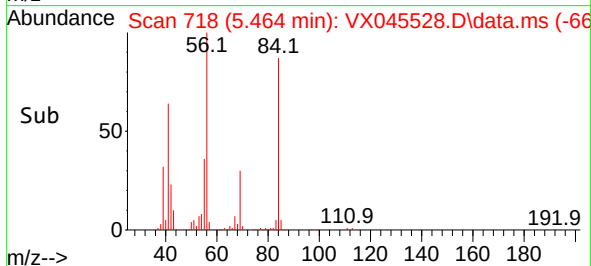
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 10740
Ion Ratio Lower Upper
56 100
69 29.5 23.6 35.4
84 84.6 67.7 101.5

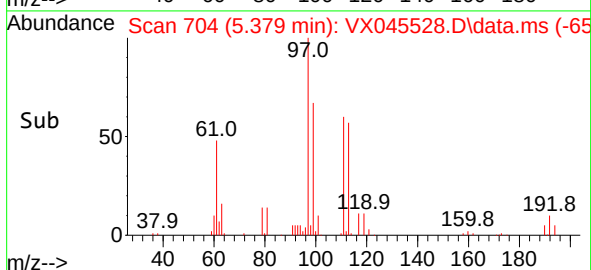
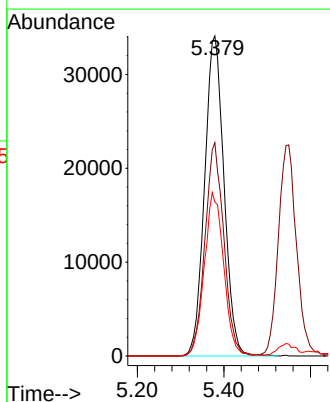
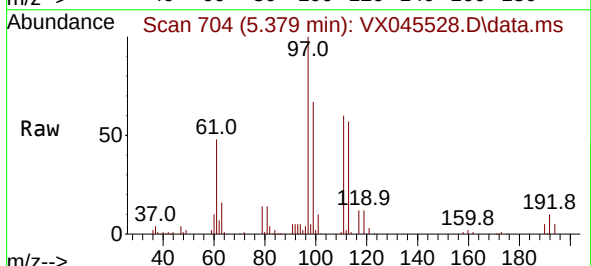
Manual Integrations
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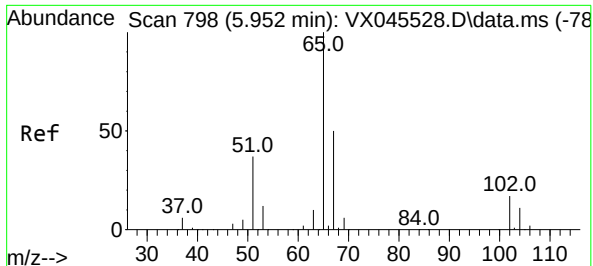
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#32
1,1,1-Trichloroethane
Concen: 50.184 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 97 Resp: 106062
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 51.2 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 47.477 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 83054

Ion Ratio Lower Upper

65 100

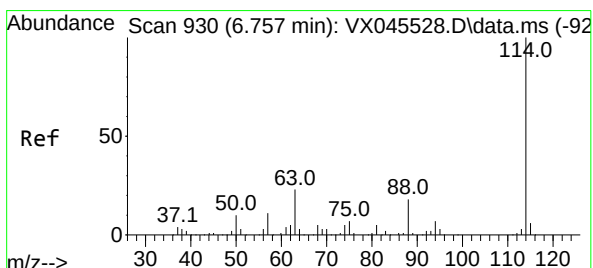
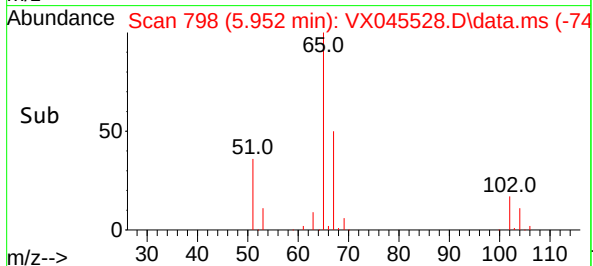
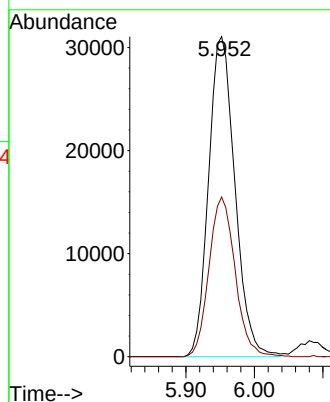
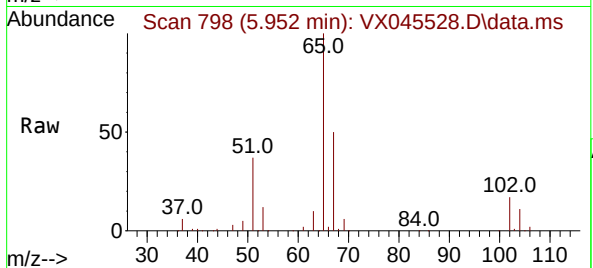
67 49.5 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

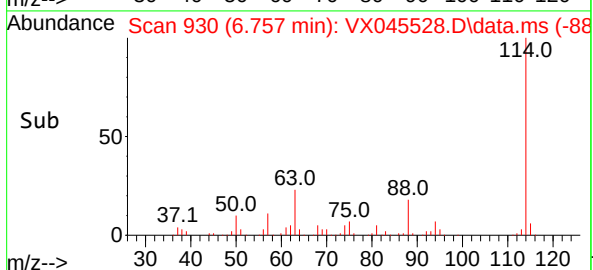
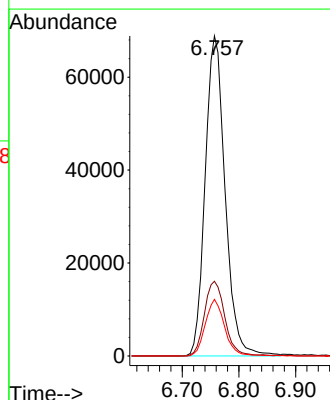
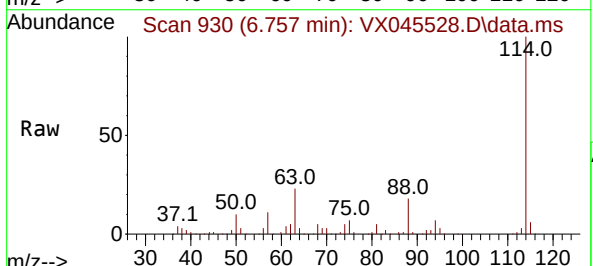
Tgt Ion:114 Resp: 168287

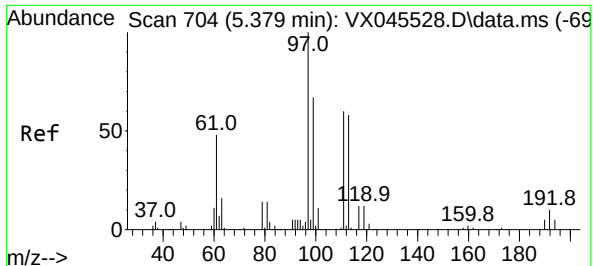
Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.8

88 17.7 0.0 35.4





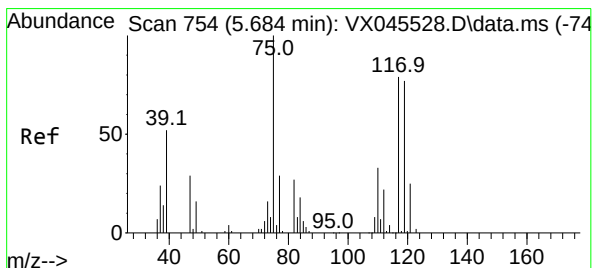
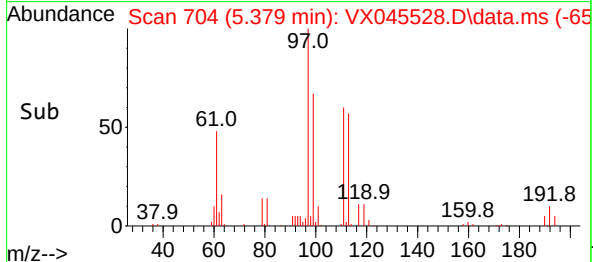
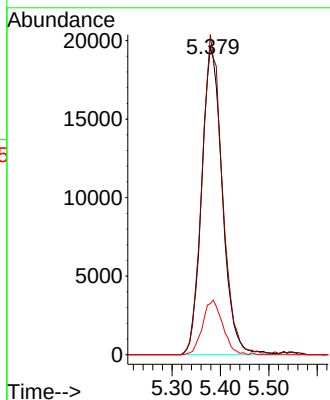
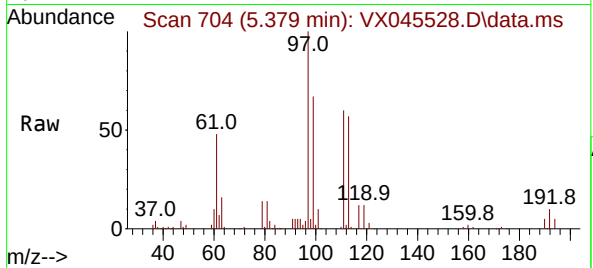
#35
Dibromofluoromethane
Concen: 48.667 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 113 Resp: 58108
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 17.2 13.8 20.6

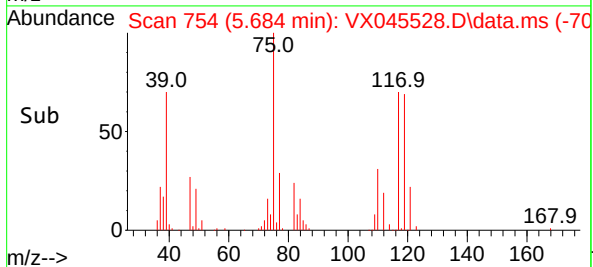
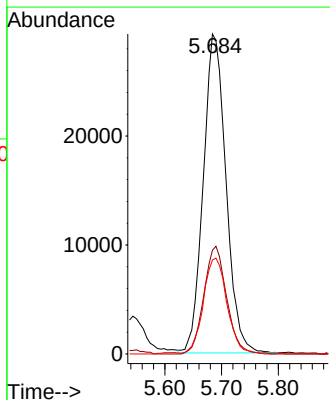
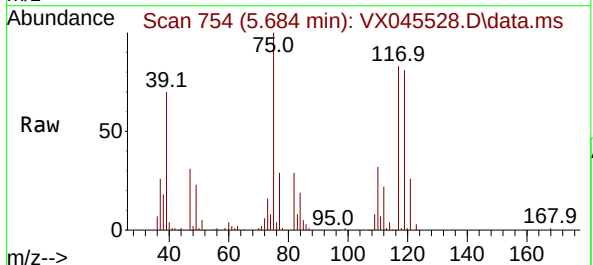
Manual Integrations
APPROVED

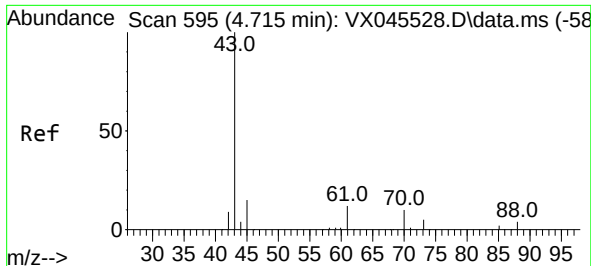
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#36
1,1-Dichloropropene
Concen: 50.620 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

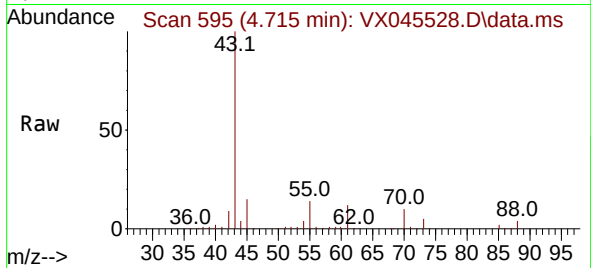
Tgt Ion: 75 Resp: 81607
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.6
77 31.2 25.0 37.4





#37
Ethyl Acetate
Concen: 51.632 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

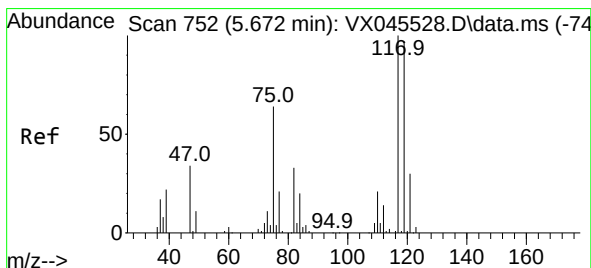
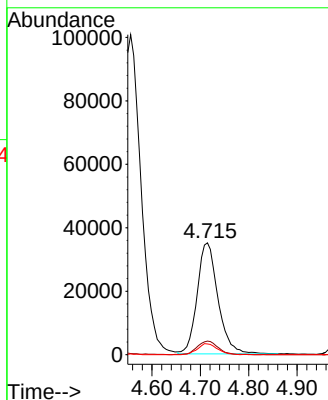
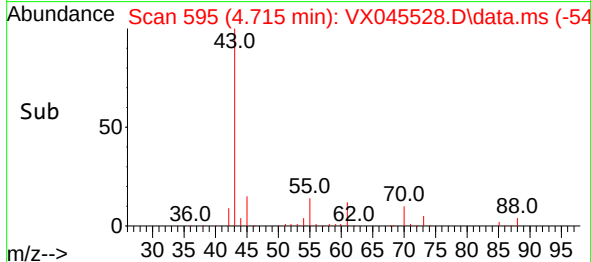
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 104890
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 9.4 7.5 11.3

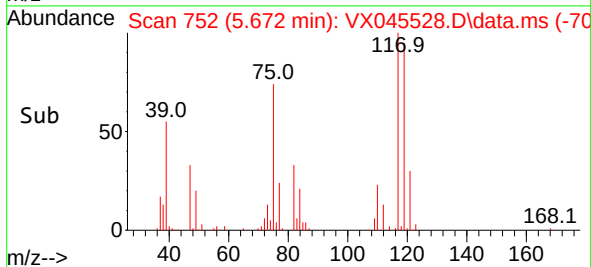
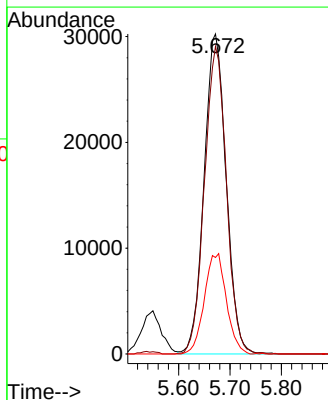
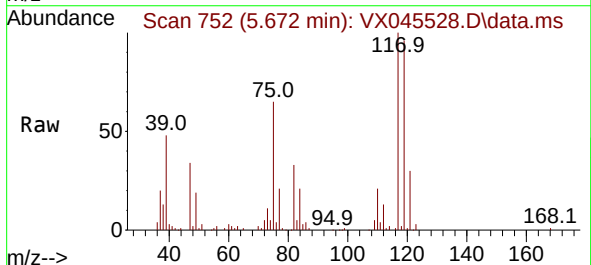
Manual Integrations
APPROVED

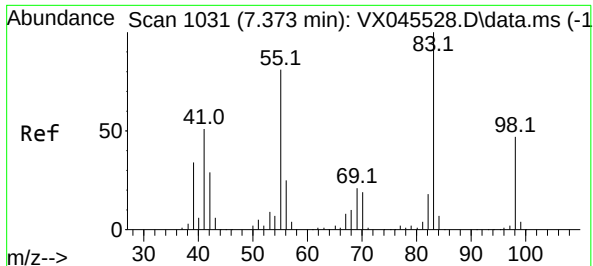
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#38
Carbon Tetrachloride
Concen: 51.797 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:117 Resp: 90247
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 52.970 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 104678

Ion Ratio Lower Upper

83 100

55 81.1 64.9 97.3

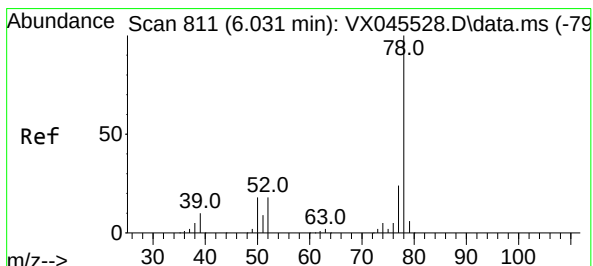
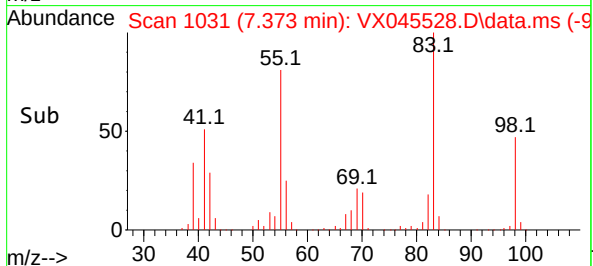
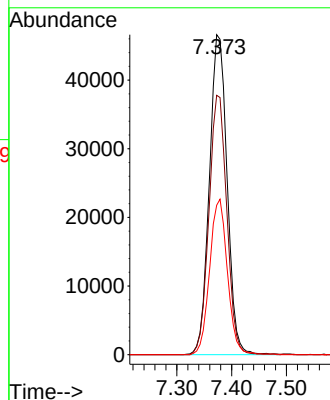
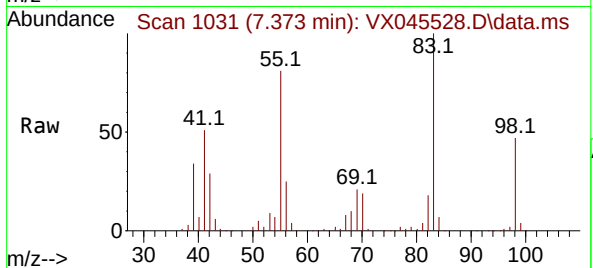
98 46.7 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#40

Benzene

Concen: 50.605 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045528.D

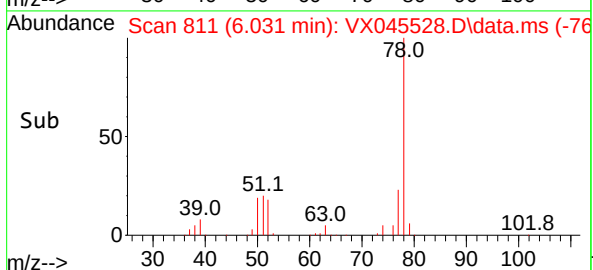
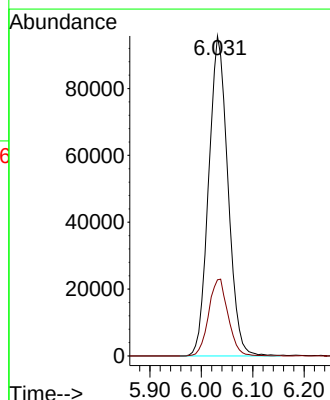
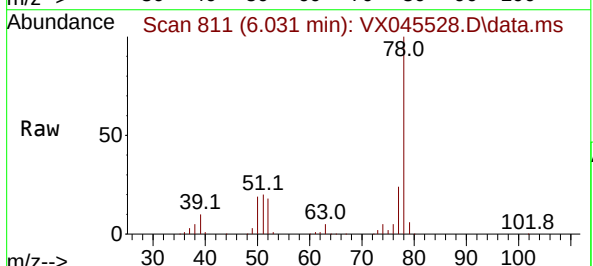
Acq: 01 Apr 2025 18:15

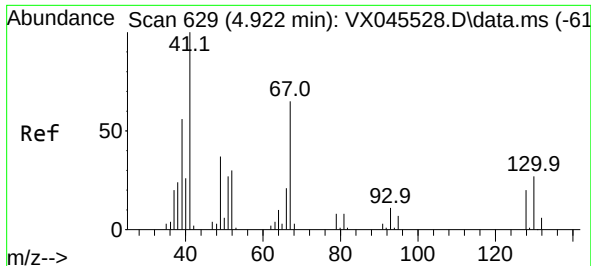
Tgt Ion: 78 Resp: 249161

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6





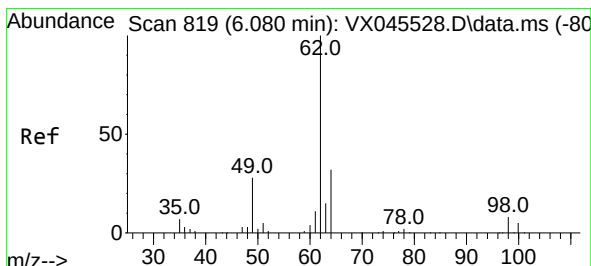
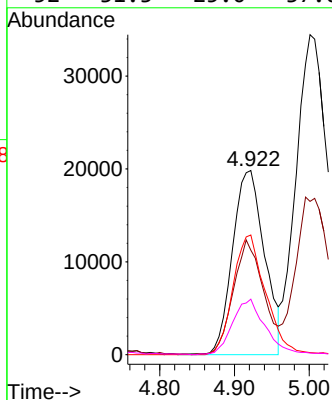
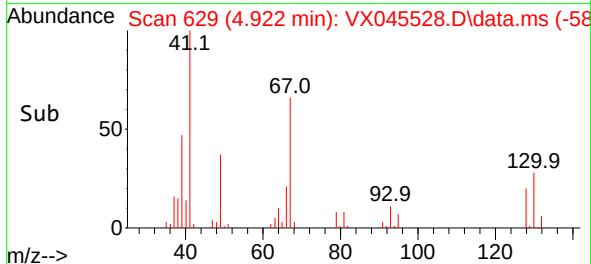
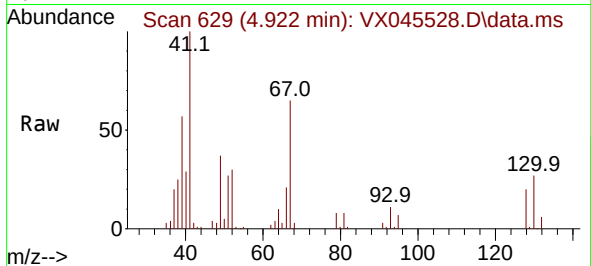
#41
Methacrylonitrile
Concen: 54.623 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 5906
Ion Ratio Lower Upper
41 100
39 58.8 47.0 70.6
67 66.5 53.2 79.8
52 31.3 25.0 37.6

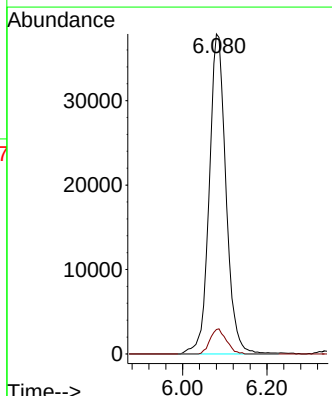
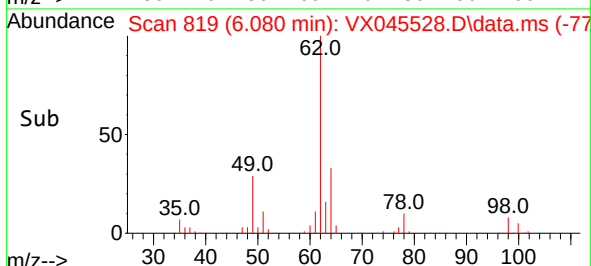
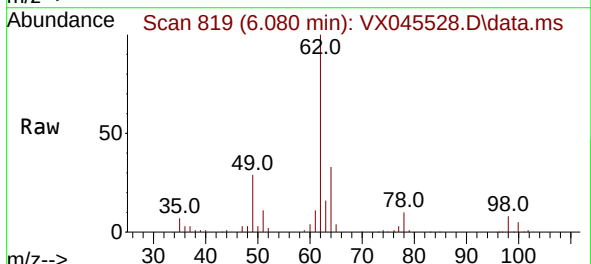
Manual Integrations
APPROVED

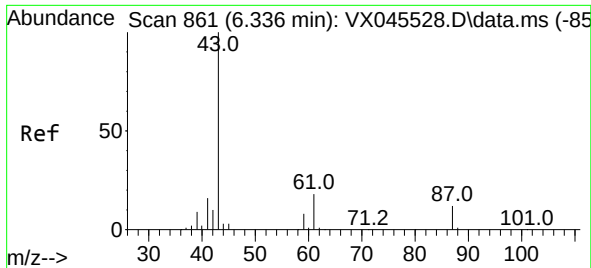
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#42
1,2-Dichloroethane
Concen: 51.437 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

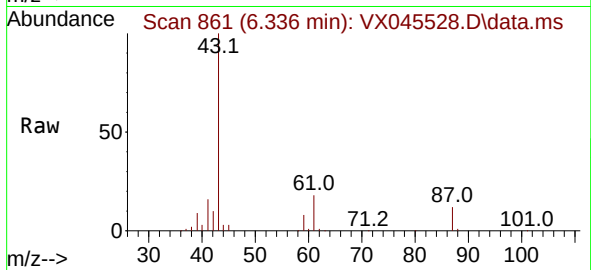
Tgt Ion: 62 Resp: 104601
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43
Isopropyl Acetate
Concen: 53.452 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

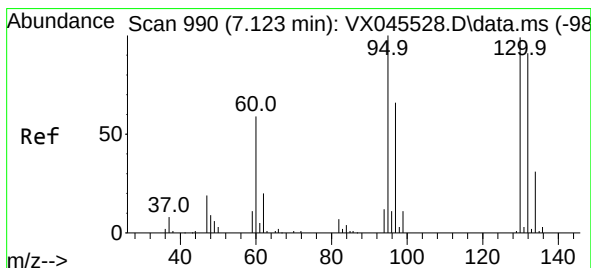
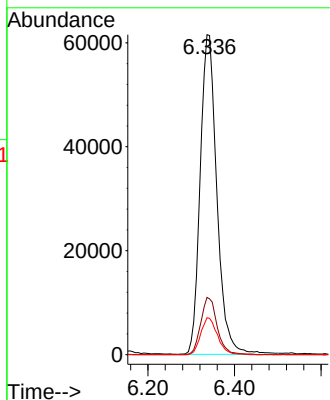
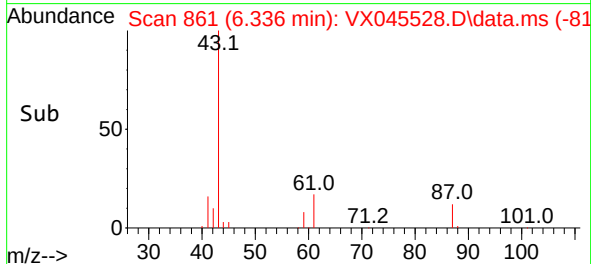
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 16458
Ion Ratio Lower Upper
43 100
61 17.6 14.1 21.1
87 11.5 9.2 13.8

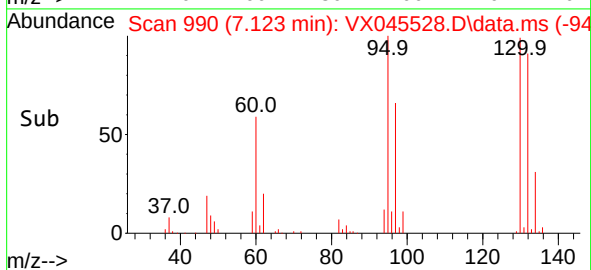
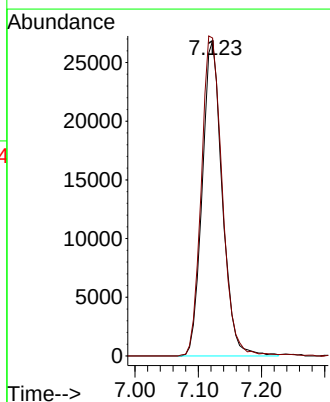
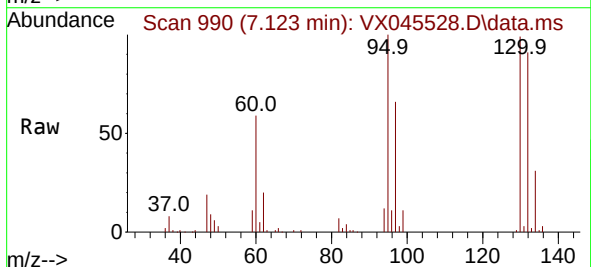
Manual Integrations
APPROVED

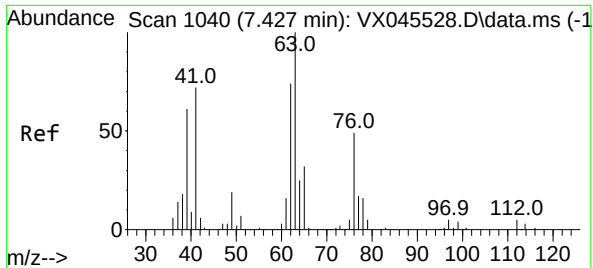
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#44
Trichloroethene
Concen: 50.452 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:130 Resp: 59042
Ion Ratio Lower Upper
130 100
95 101.0 0.0 202.0





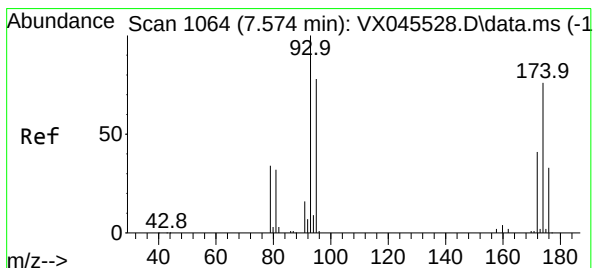
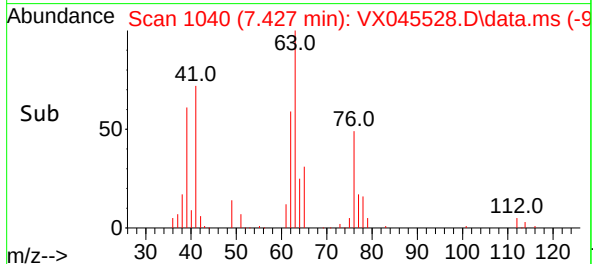
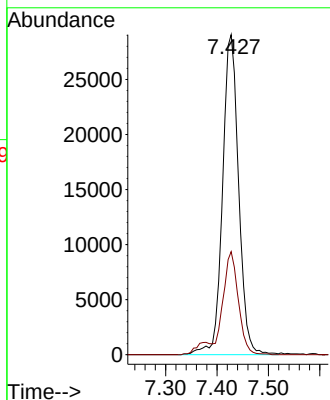
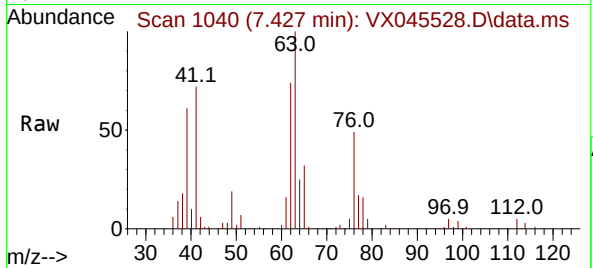
#45
1,2-Dichloropropane
Concen: 51.540 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 63310
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6

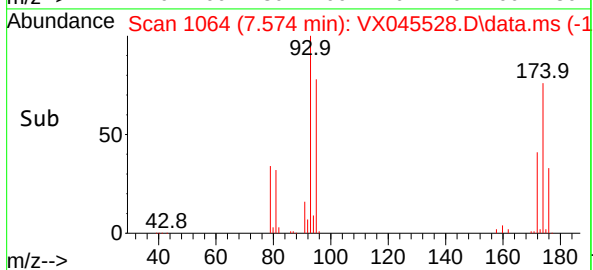
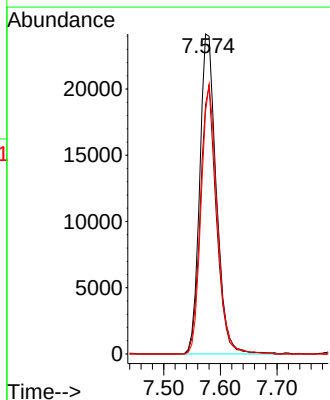
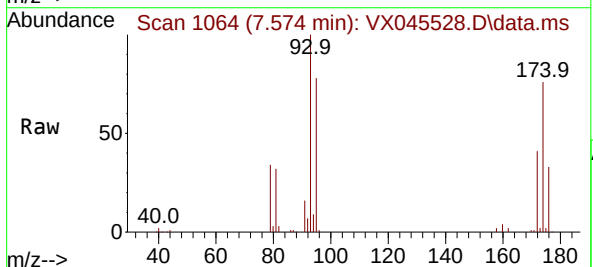
Manual Integrations
APPROVED

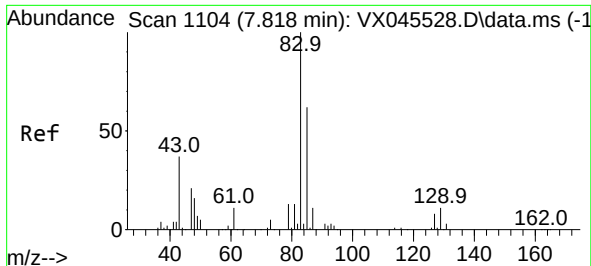
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#46
Dibromomethane
Concen: 52.092 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

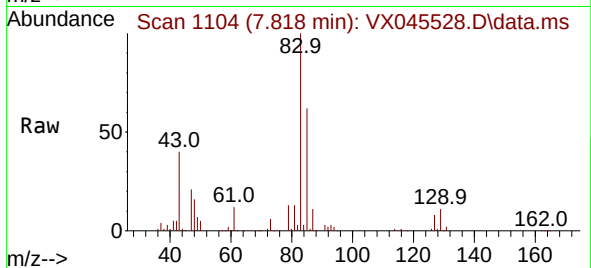
Tgt Ion: 93 Resp: 49125
Ion Ratio Lower Upper
93 100
95 81.0 64.8 97.2
174 81.7 65.4 98.0





#47
Bromodichloromethane
Concen: 51.068 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

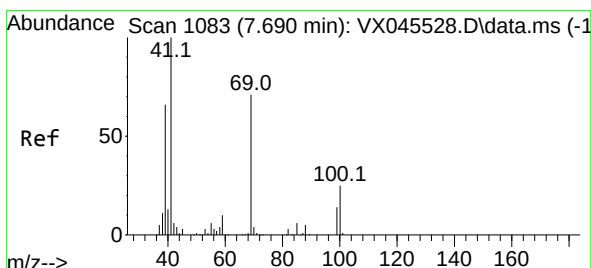
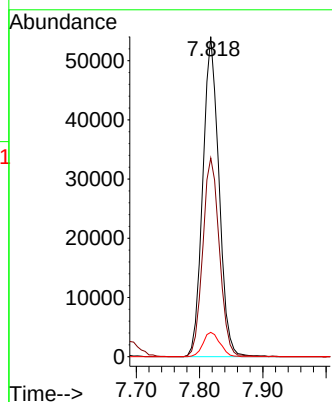
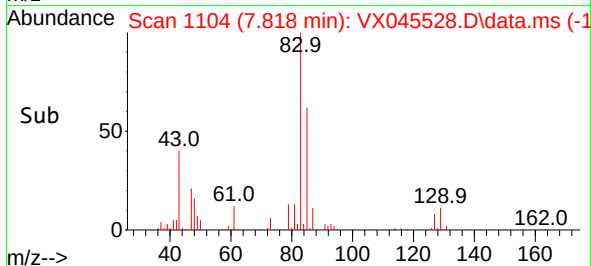
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 96170
Ion Ratio Lower Upper
83 100
85 62.1 49.7 74.5
127 7.6 6.1 9.1

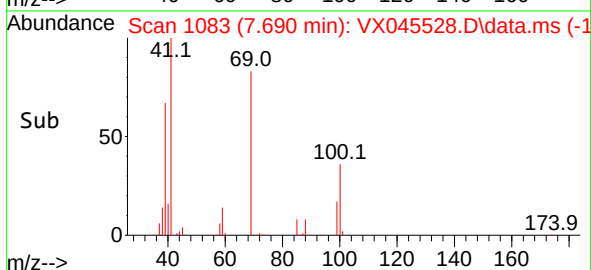
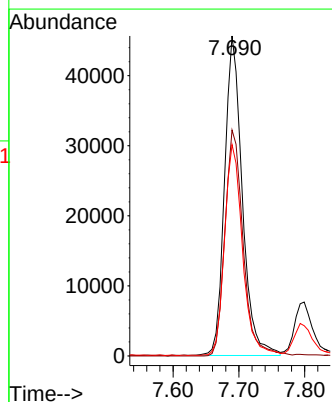
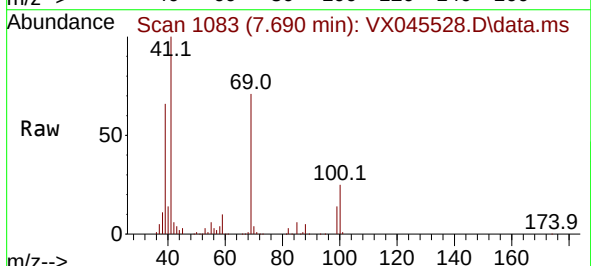
Manual Integrations
APPROVED

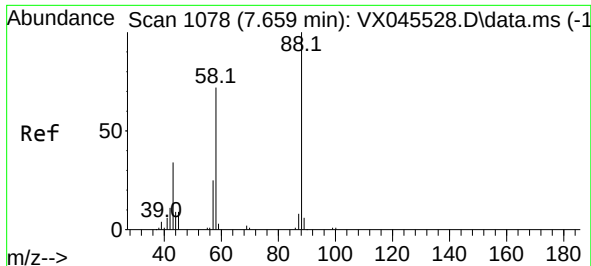
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#48
Methyl methacrylate
Concen: 53.768 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 41 Resp: 85483
Ion Ratio Lower Upper
41 100
69 72.7 58.2 87.2
39 67.0 53.6 80.4





#49

1,4-Dioxane

Concen: 1084.635 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 31199

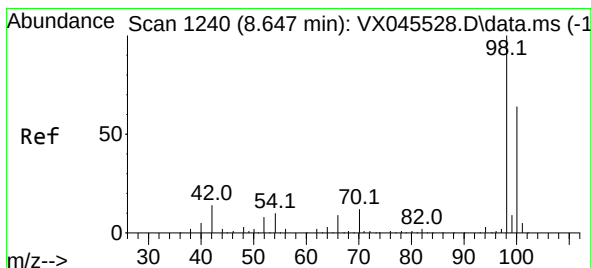
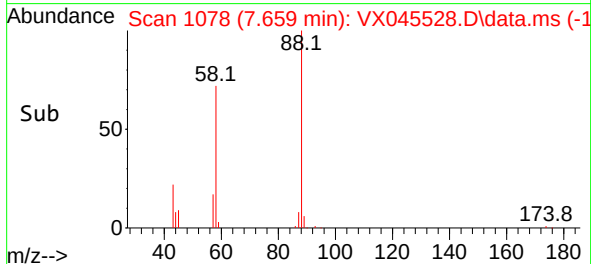
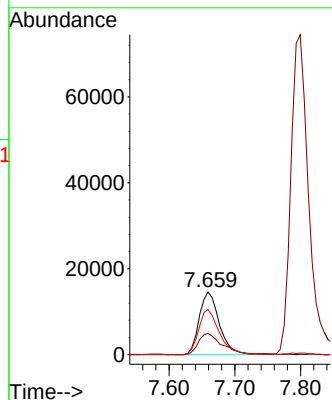
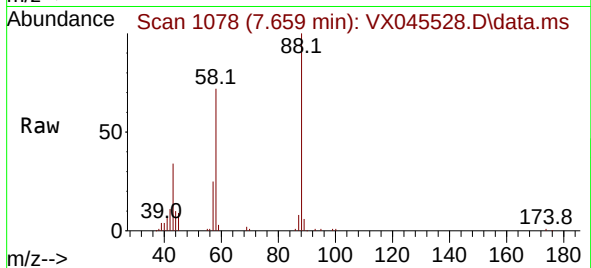
Ion	Ratio	Lower	Upper
88	100		
43	40.3	32.2	48.4
58	73.3	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#50

Toluene-d8

Concen: 49.031 ug/l

RT: 8.647 min Scan# 1240

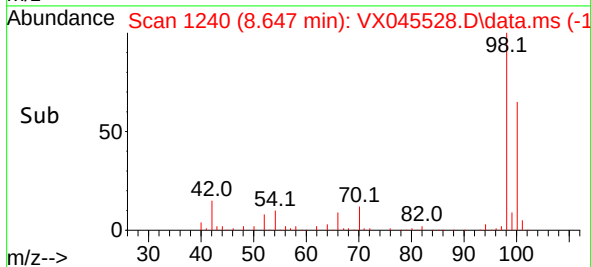
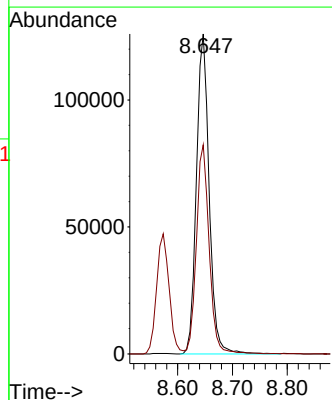
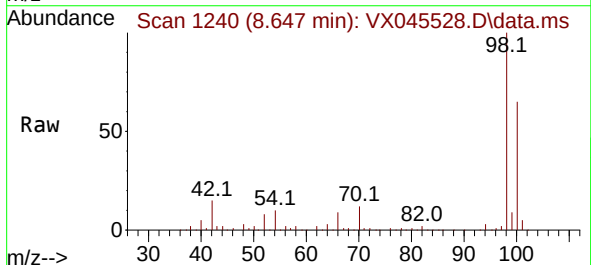
Delta R.T. 0.000 min

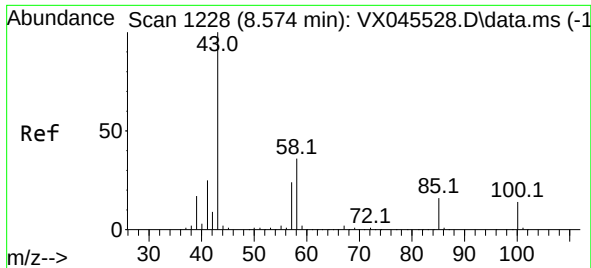
Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion: 98 Resp: 204338

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.4





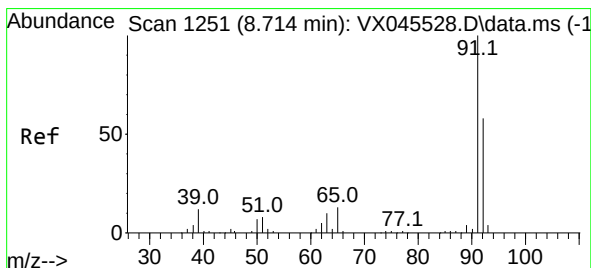
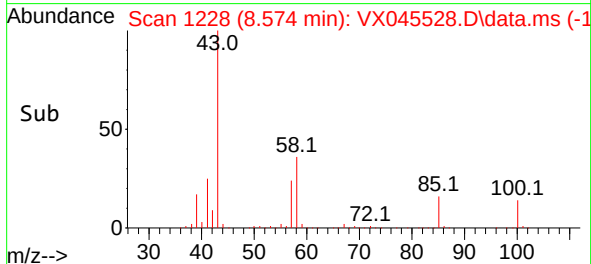
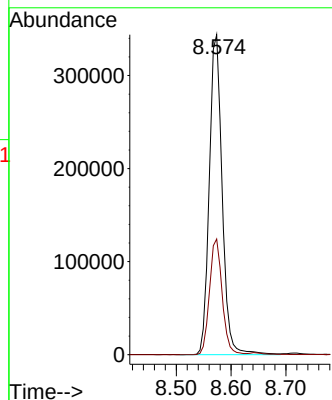
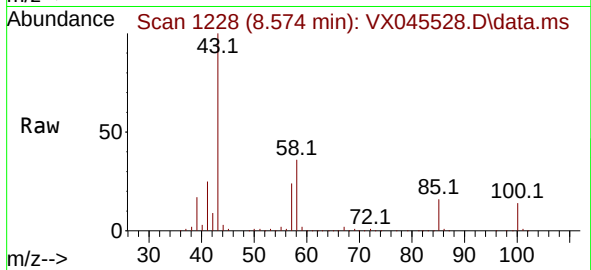
#51
4-Methyl-2-Pentanone
Concen: 273.375 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 558029
Ion Ratio Lower Upper
43 100
58 35.6 28.5 42.7

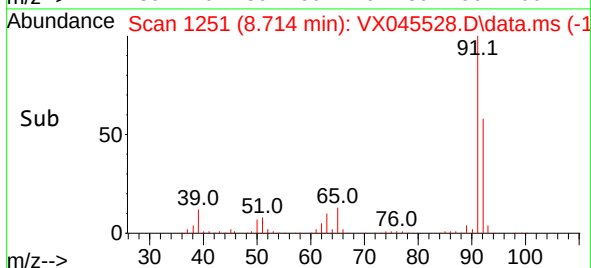
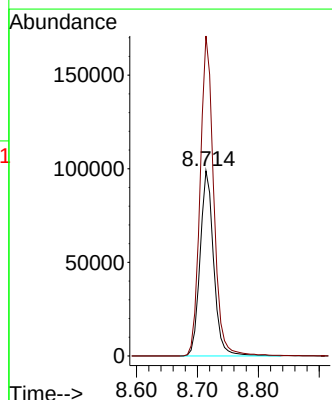
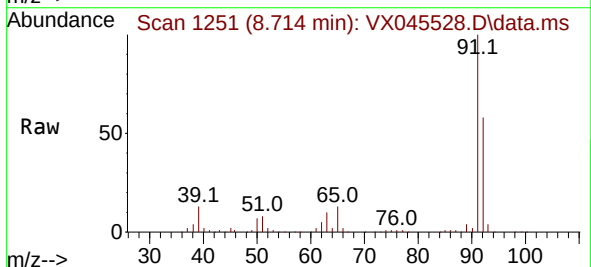
Manual Integrations
APPROVED

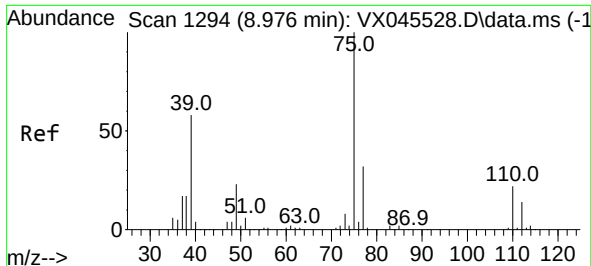
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 51.402 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 92 Resp: 153143
Ion Ratio Lower Upper
92 100
91 173.4 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 47.317 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 85462

Ion Ratio Lower Upper

75 100

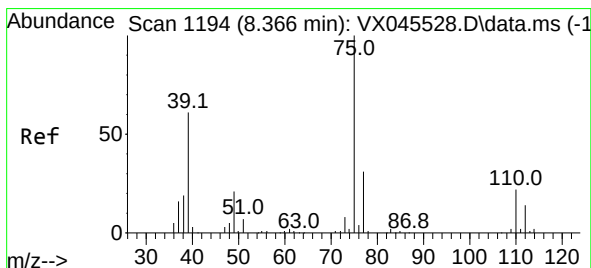
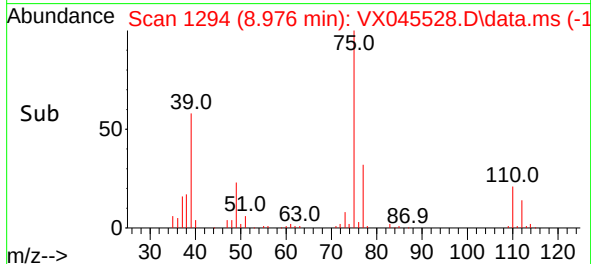
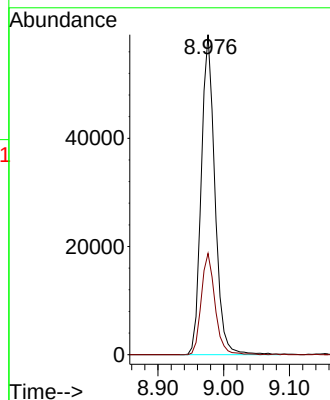
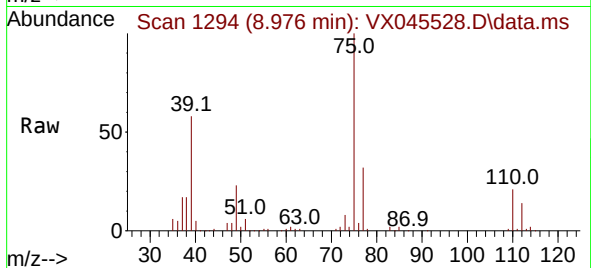
77 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#54

cis-1,3-Dichloropropene

Concen: 53.975 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

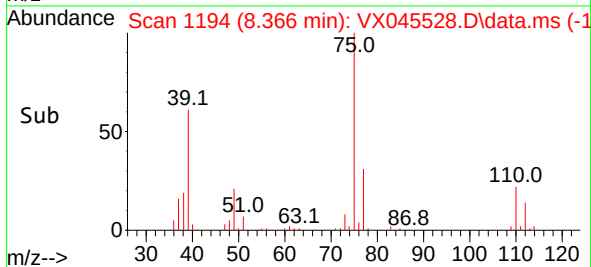
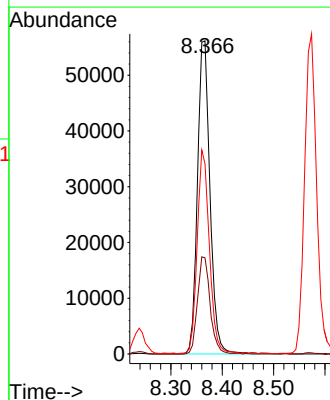
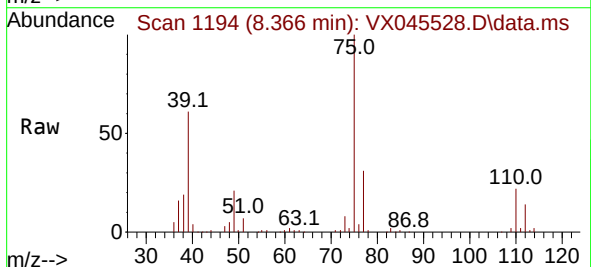
Tgt Ion: 75 Resp: 95524

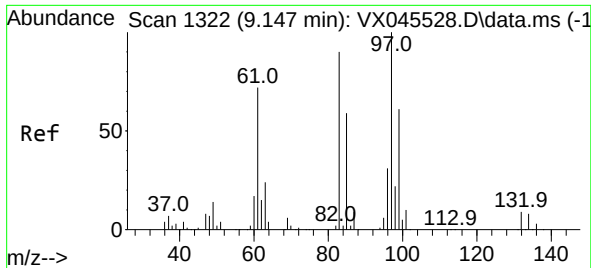
Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

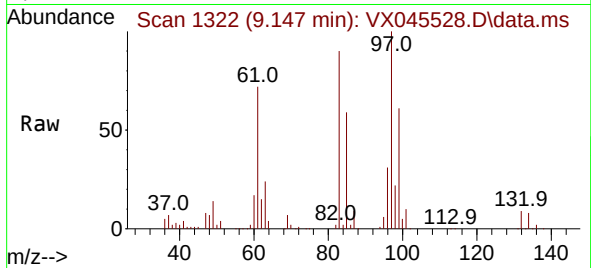
39 60.5 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 50.919 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

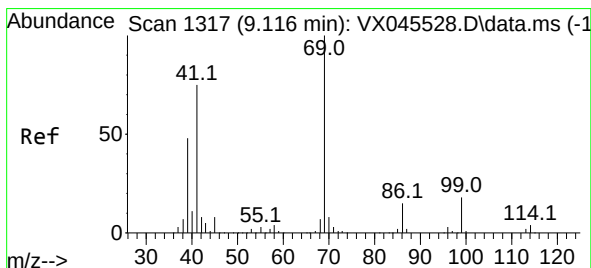
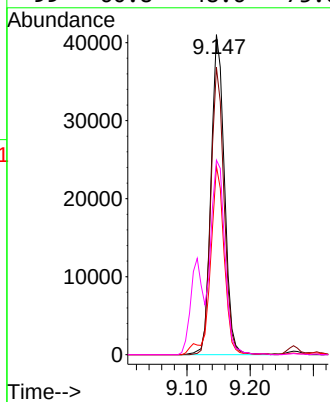
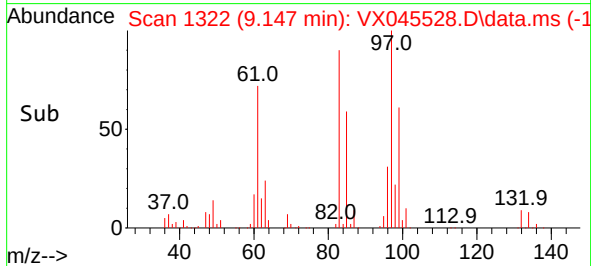
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



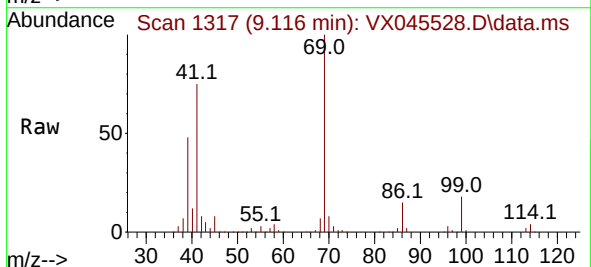
Tgt Ion: 97 Resp: 60452
Ion Ratio Lower Upper
97 100
83 89.8 71.8 107.8
85 58.8 47.0 70.6
99 60.8 48.6 73.0

Manual Integrations
APPROVED

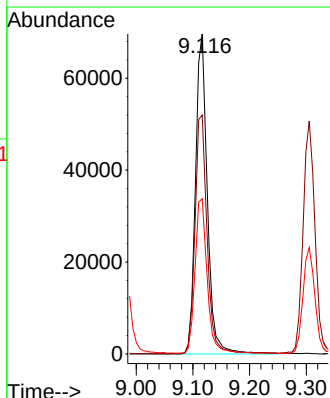
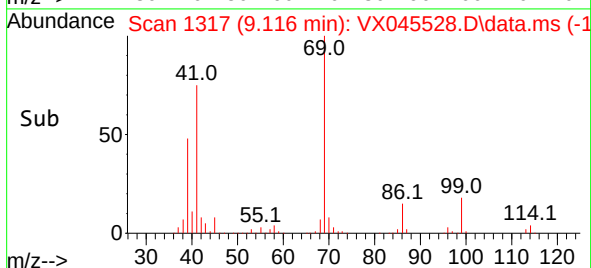
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

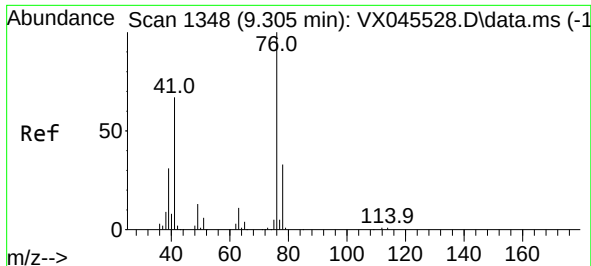


#56
Ethyl methacrylate
Concen: 54.970 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15



Tgt Ion: 69 Resp: 100998
Ion Ratio Lower Upper
69 100
41 76.6 61.3 91.9
39 50.2 40.2 60.2





#57

1,3-Dichloropropane

Concen: 51.554 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 106580

Ion Ratio Lower Upper

76 100

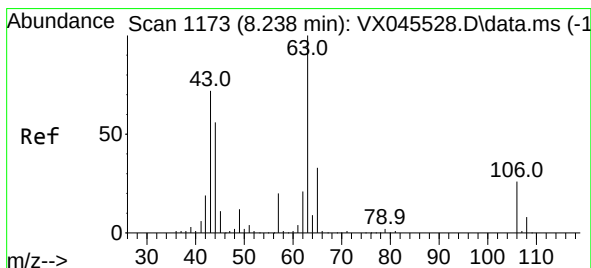
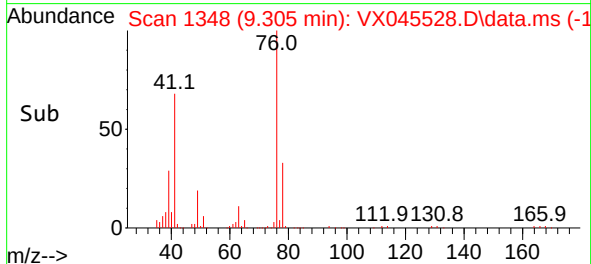
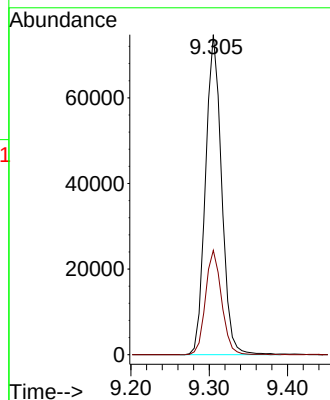
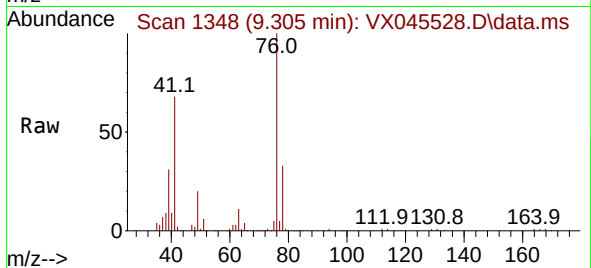
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 269.434 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045528.D

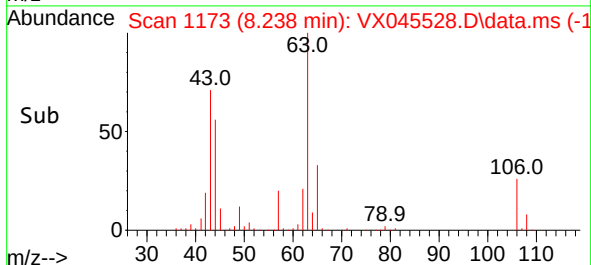
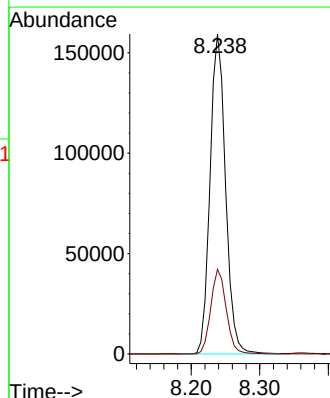
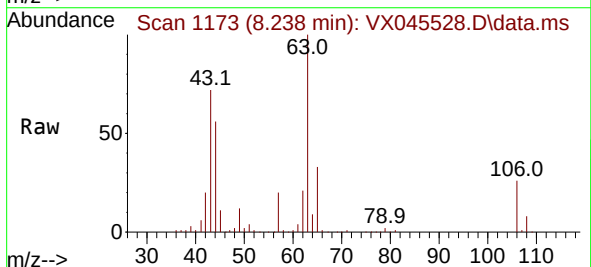
Acq: 01 Apr 2025 18:15

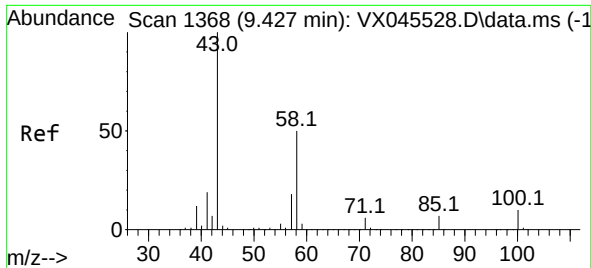
Tgt Ion: 63 Resp: 250428

Ion Ratio Lower Upper

63 100

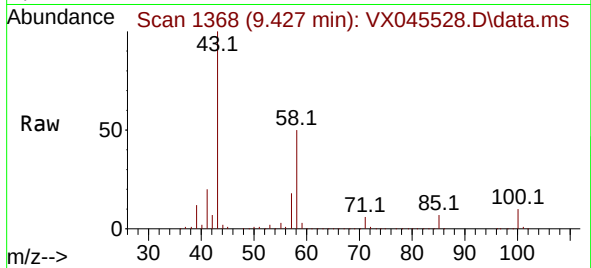
106 26.3 21.0 31.6





#59
2-Hexanone
Concen: 273.765 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

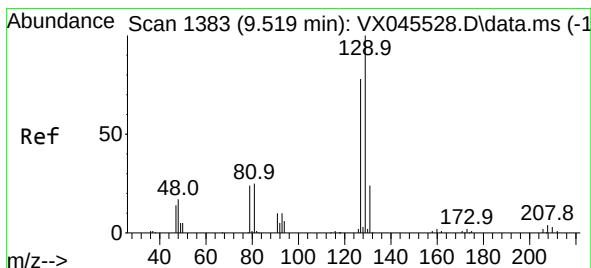
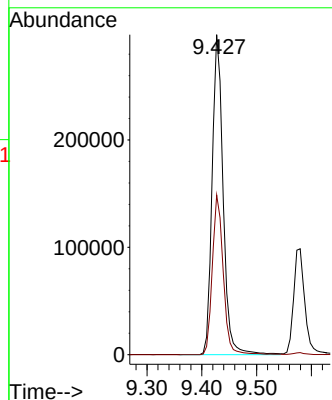
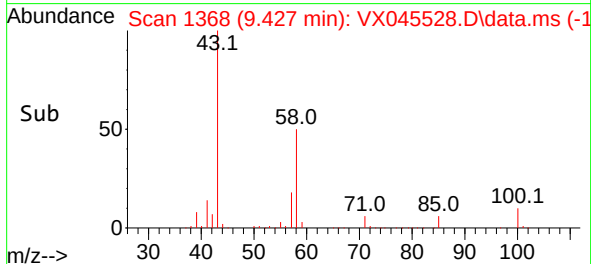
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 413824
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6

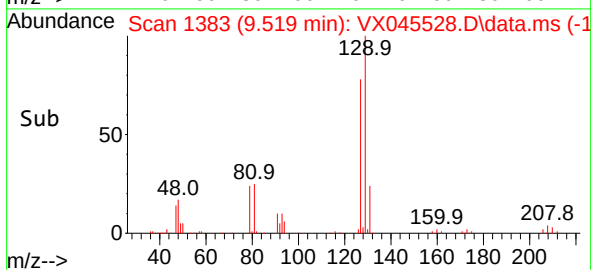
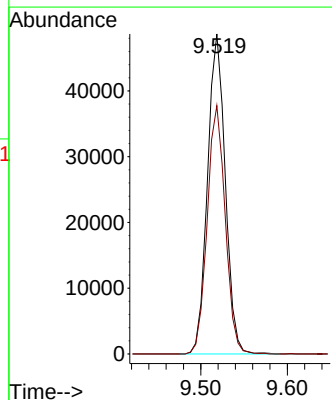
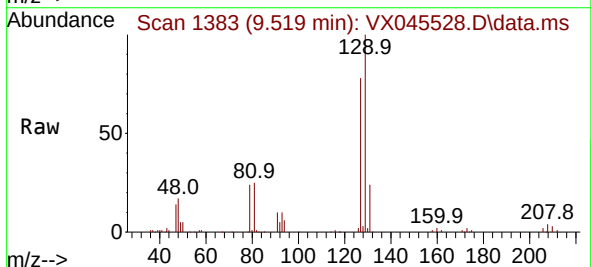
Manual Integrations
APPROVED

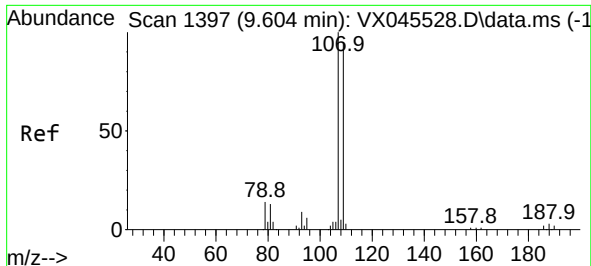
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#60
Dibromochloromethane
Concen: 53.511 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

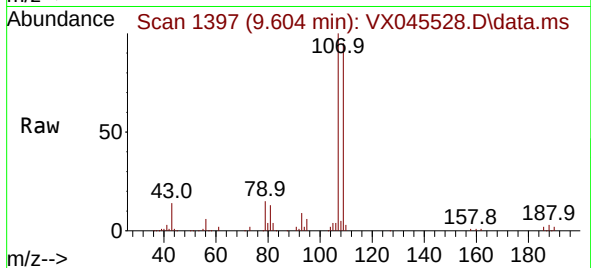
Tgt Ion:129 Resp: 69258
Ion Ratio Lower Upper
129 100
127 78.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 52.264 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

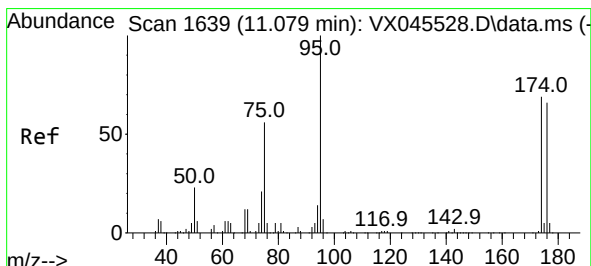
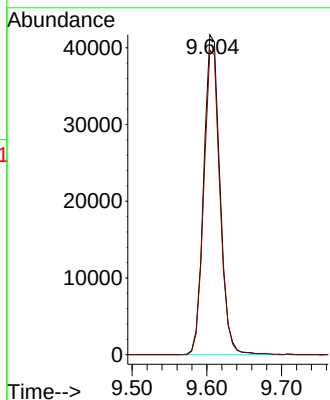
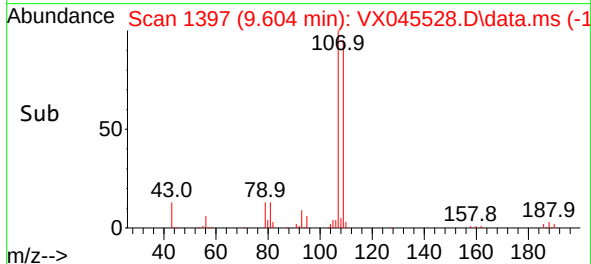
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



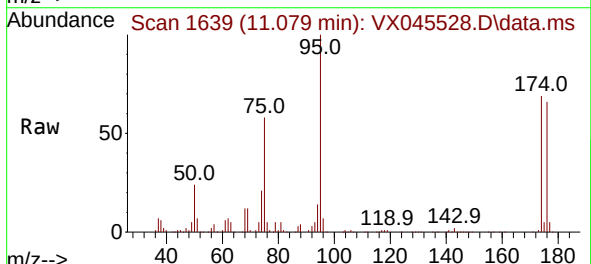
Tgt Ion:107 Resp: 62812
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

Manual Integrations
APPROVED

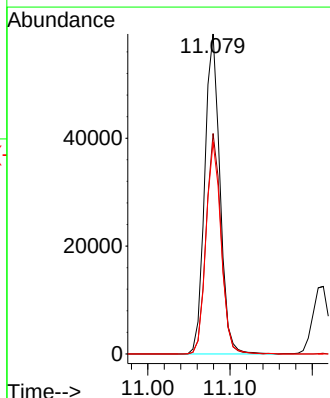
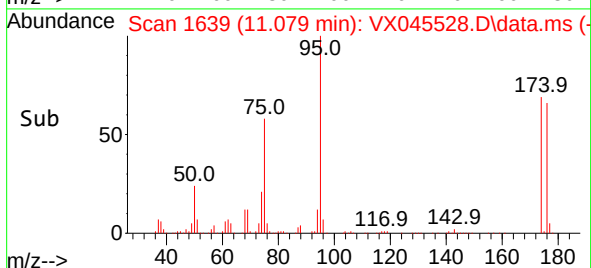
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

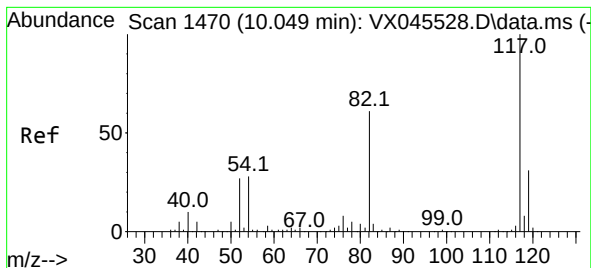


#62
4-Bromofluorobenzene
Concen: 50.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15



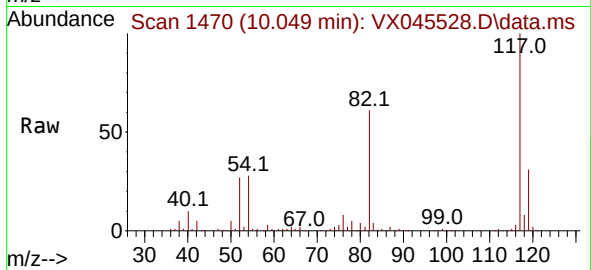
Tgt Ion: 95 Resp: 76190
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

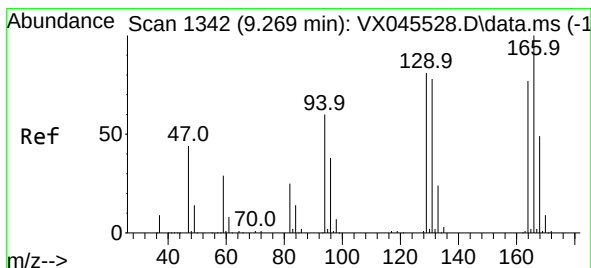
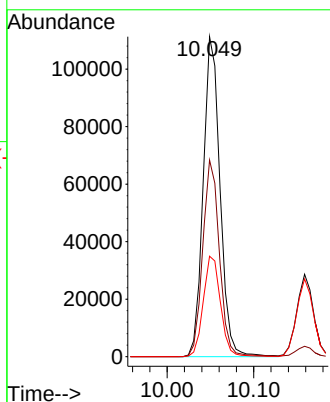
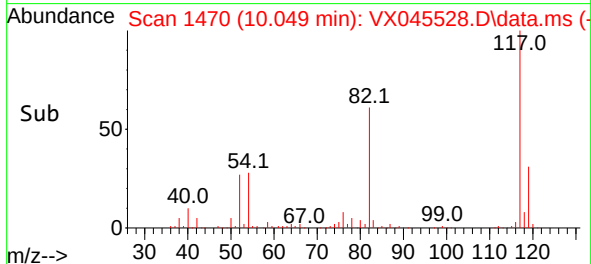
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 15020
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 31.4 25.1 37.7

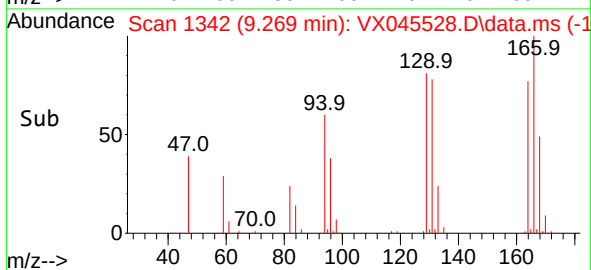
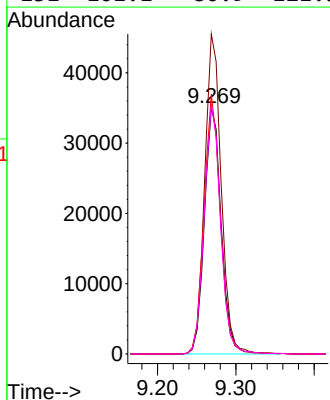
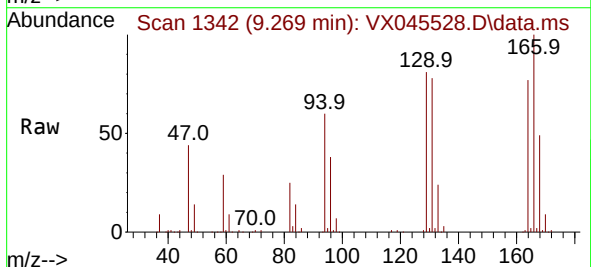
Manual Integrations
APPROVED

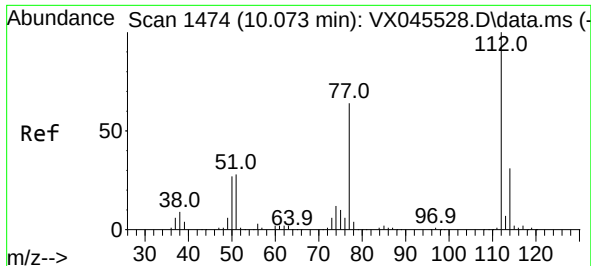
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#64
Tetrachloroethene
Concen: 49.181 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

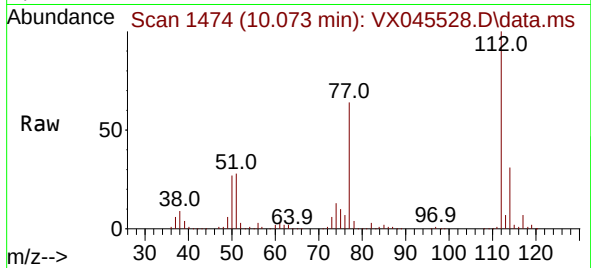
Tgt Ion:164 Resp: 52155
Ion Ratio Lower Upper
164 100
166 129.8 103.8 155.8
129 105.4 84.3 126.5
131 101.1 80.9 121.3





#65
Chlorobenzene
Concen: 50.733 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

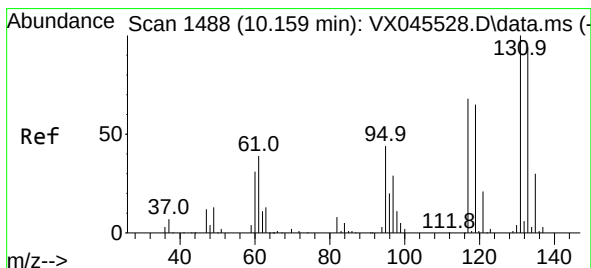
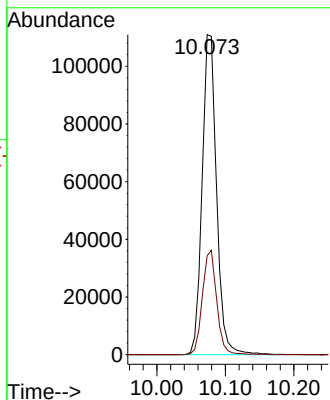
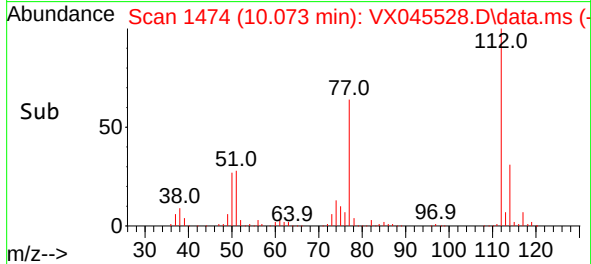
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 162829
Ion Ratio Lower Upper
112 100
114 30.9 24.7 37.1

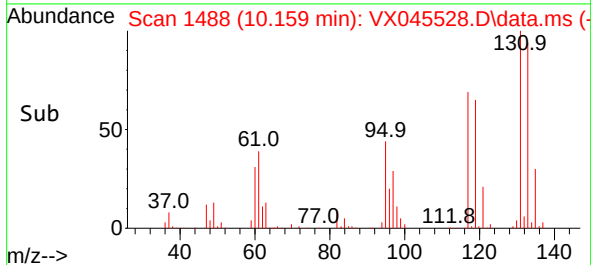
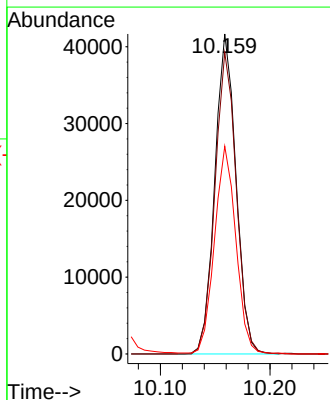
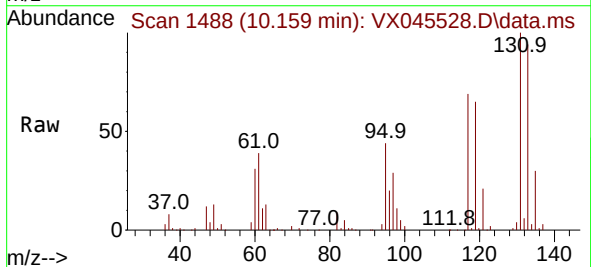
Manual Integrations
APPROVED

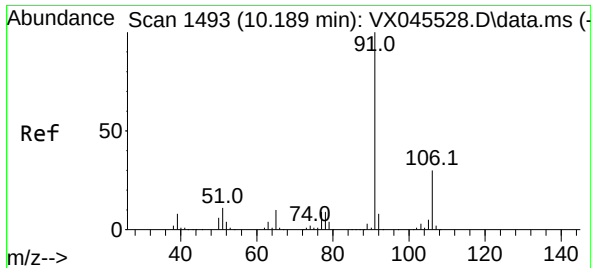
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.233 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

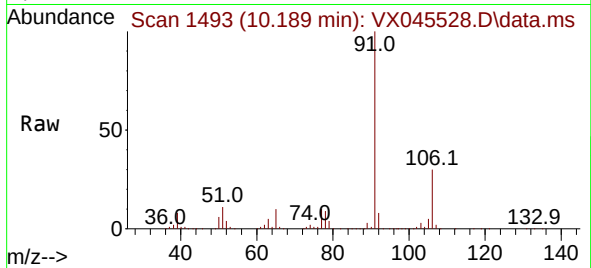
Tgt Ion:131 Resp: 55974
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 65.7 32.9 98.6





#67
Ethyl Benzene
Concen: 52.447 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

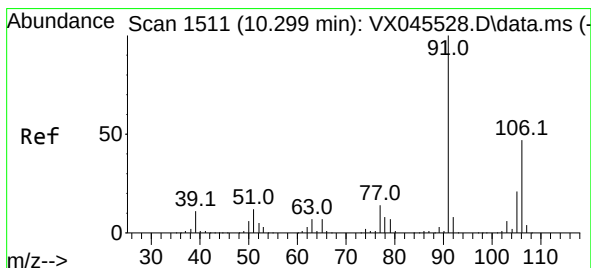
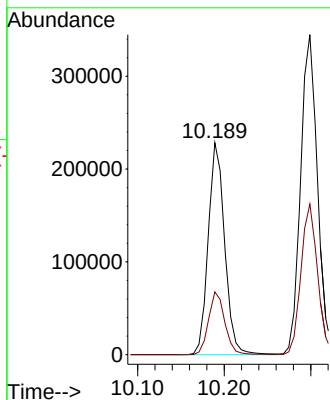
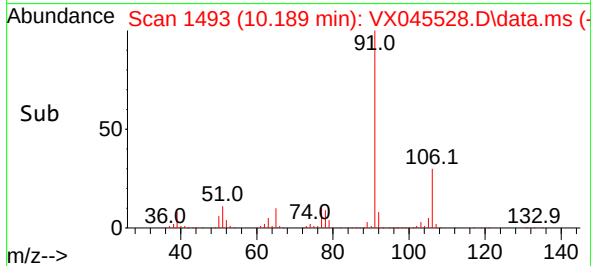
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 30148
Ion Ratio Lower Upper
91 100
106 29.6 23.7 35.5

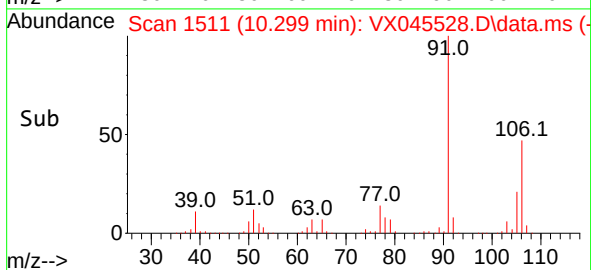
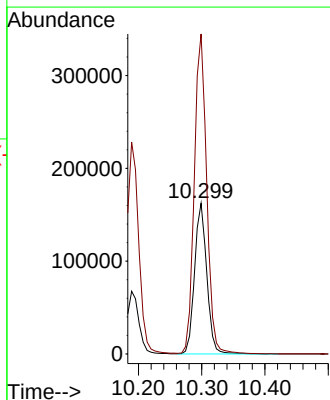
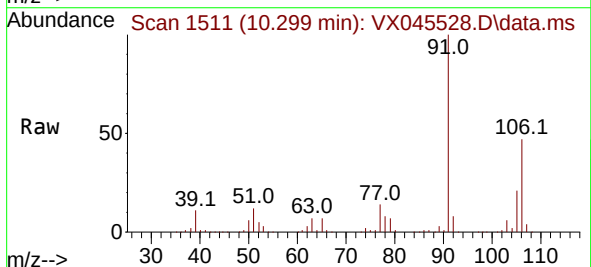
Manual Integrations
APPROVED

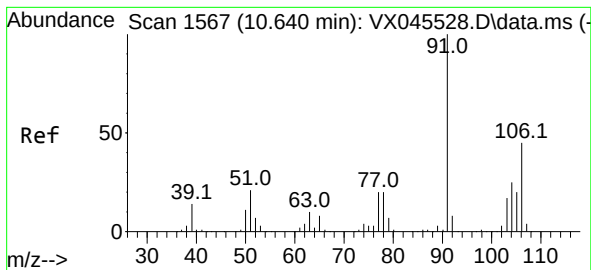
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#68
m/p-Xylenes
Concen: 104.606 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:106 Resp: 218702
Ion Ratio Lower Upper
106 100
91 215.7 172.6 258.8





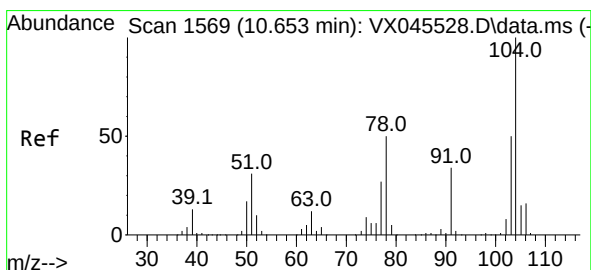
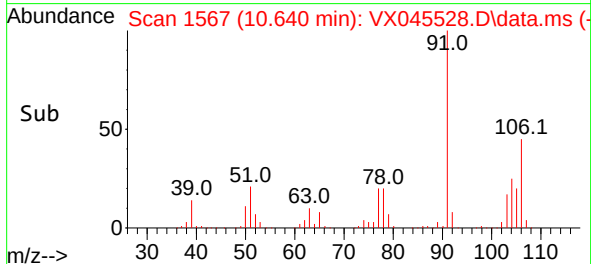
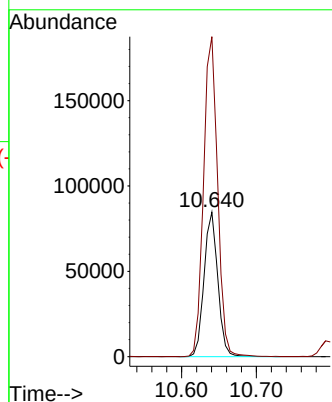
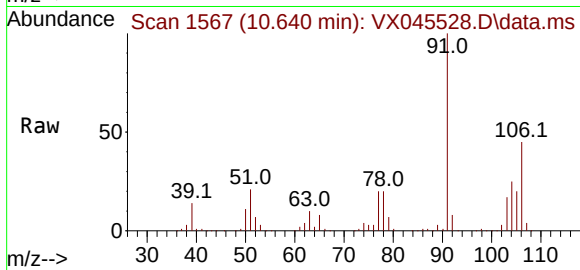
#69
o-Xylene
Concen: 52.452 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 108028
Ion Ratio Lower Upper
106 100
91 227.1 113.6 340.6

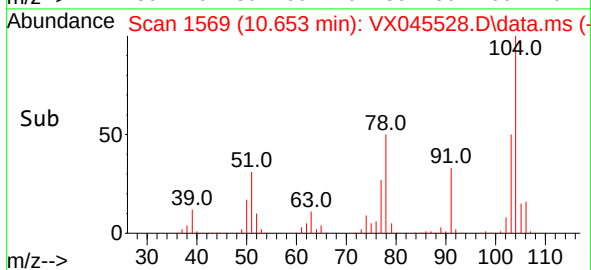
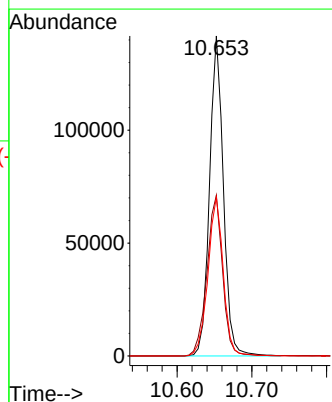
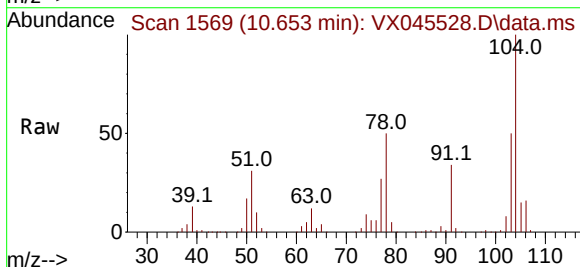
Manual Integrations
APPROVED

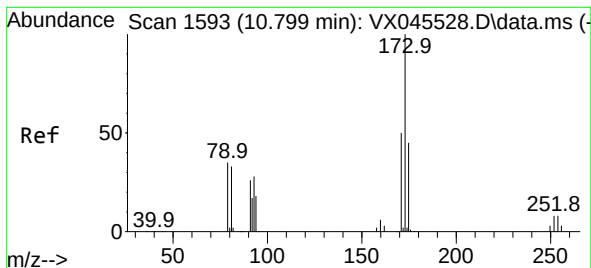
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#70
Styrene
Concen: 53.723 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

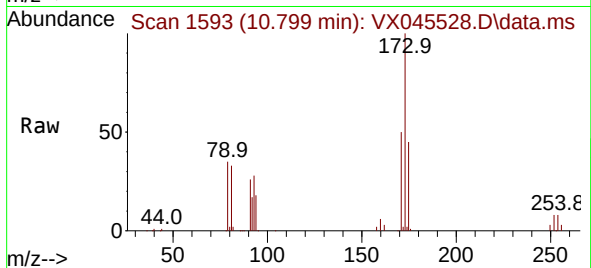
Tgt Ion:104 Resp: 182620
Ion Ratio Lower Upper
104 100
78 56.8 45.4 68.2
103 54.8 43.8 65.8





#71
Bromoform
Concen: 53.361 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

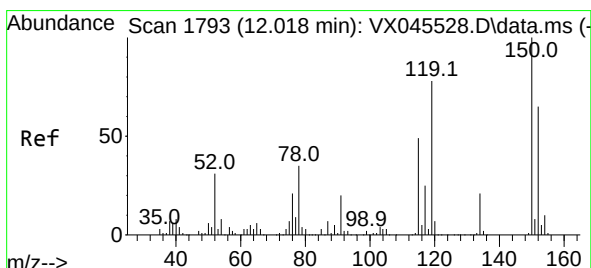
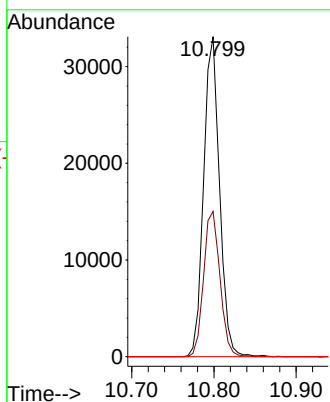
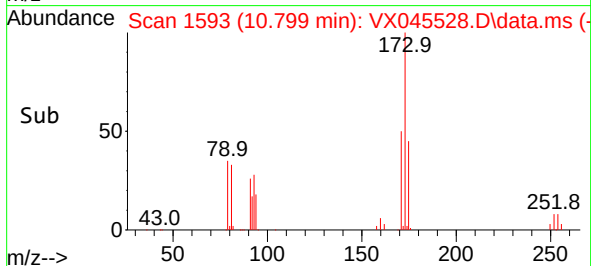
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 4439
Ion Ratio Lower Upper
173 100
175 46.8 23.4 70.2
254 0.0 0.0 0.0

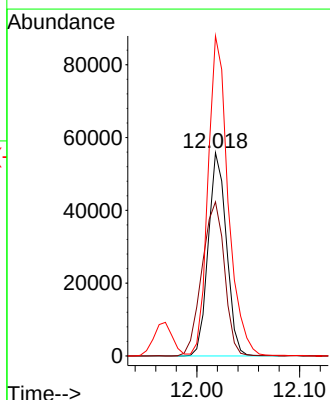
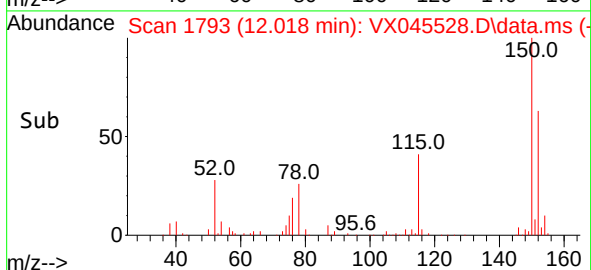
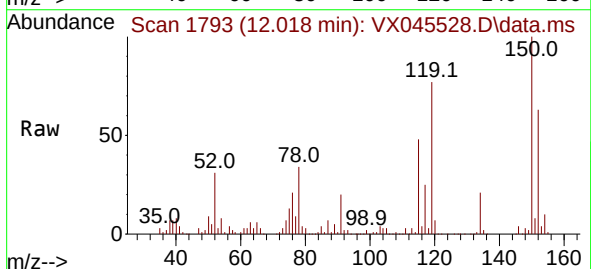
Manual Integrations
APPROVED

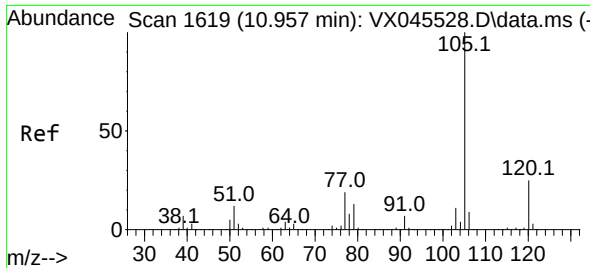
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

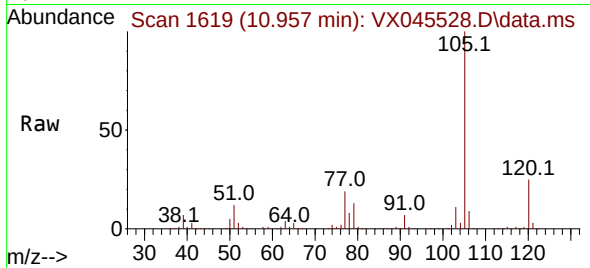
Tgt Ion:152 Resp: 68786
Ion Ratio Lower Upper
152 100
115 93.8 46.9 140.7
150 174.7 0.0 349.4





#73
Isopropylbenzene
Concen: 52.203 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

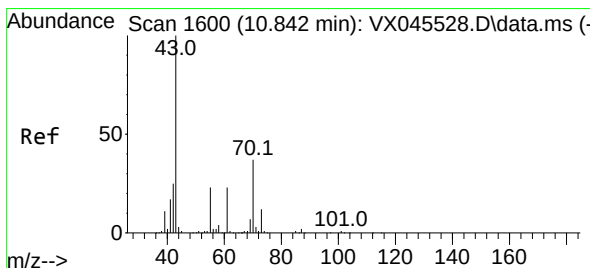
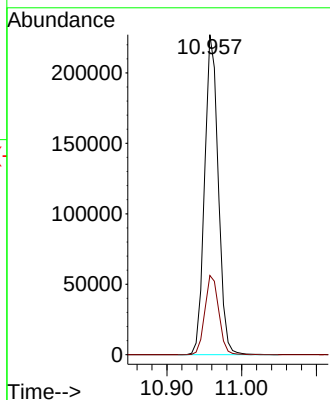
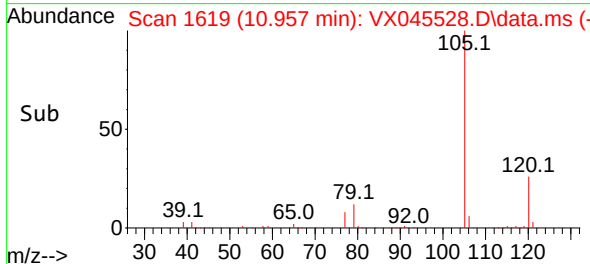
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 287628
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.0

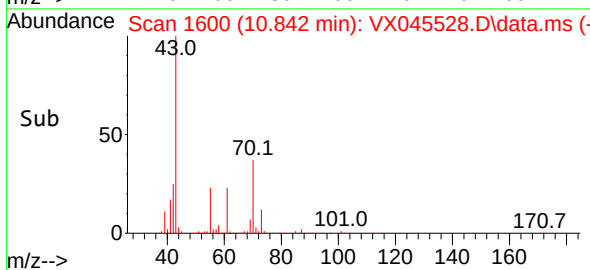
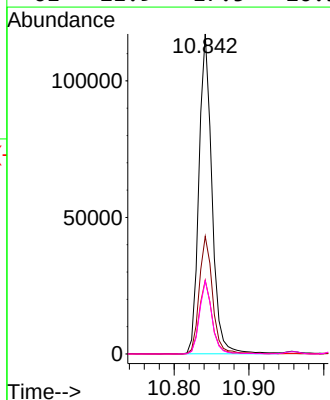
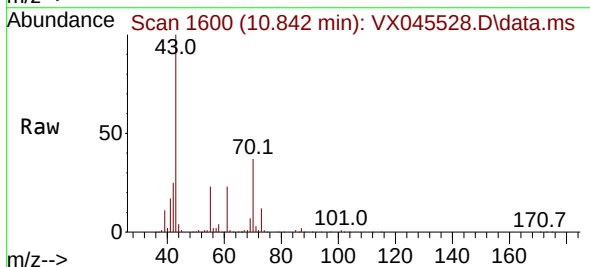
Manual Integrations
APPROVED

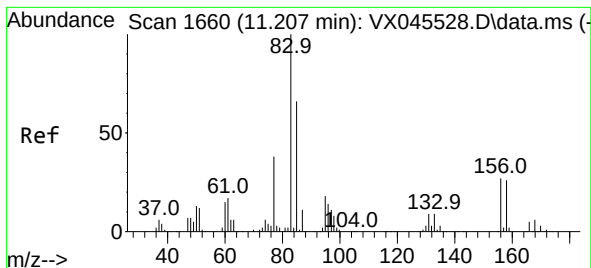
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#74
N-ethyl acetate
Concen: 53.721 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 141589
Ion Ratio Lower Upper
43 100
70 37.6 30.1 45.1
55 22.9 18.3 27.5
61 21.9 17.5 26.3





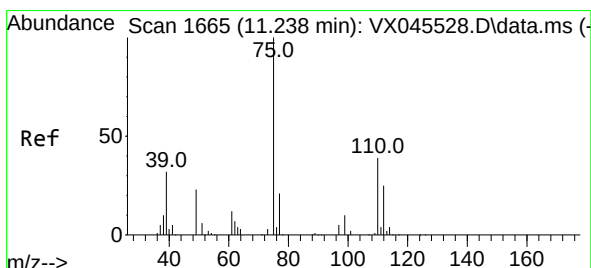
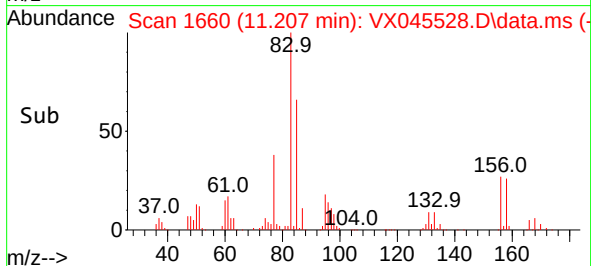
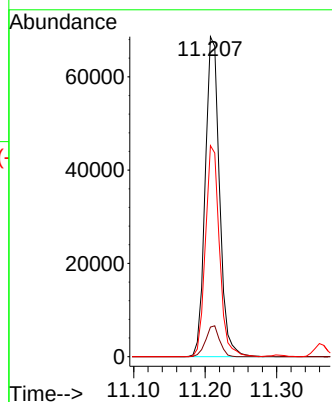
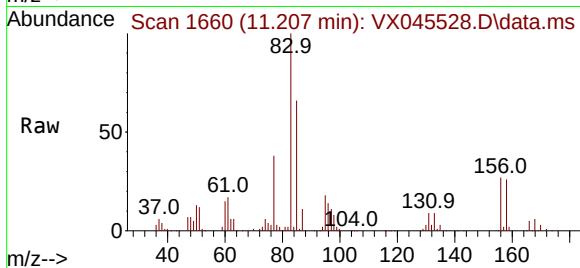
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.185 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX045528.D
 Acq: 01 Apr 2025 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 83 Resp: 95200
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.1
 85 64.8 32.4 97.2

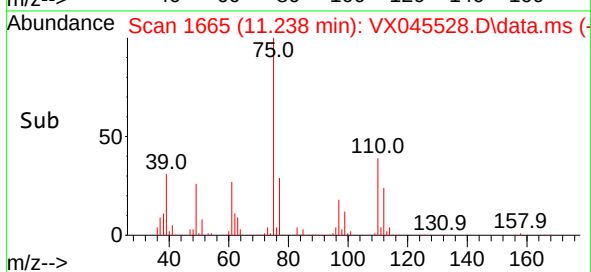
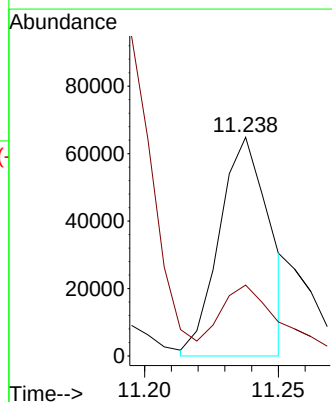
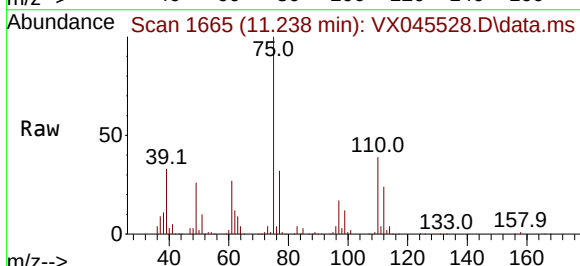
Manual Integrations
 APPROVED

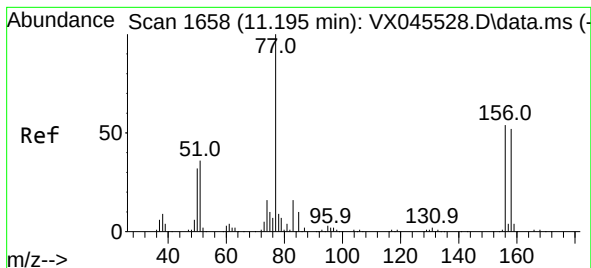
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#76
 1,2,3-Trichloropropane
 Concen: 50.230 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045528.D
 Acq: 01 Apr 2025 18:15

Tgt Ion: 75 Resp: 84279
 Ion Ratio Lower Upper
 75 100
 77 39.9 20.0 59.9





#77

Bromobenzene

Concen: 50.686 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

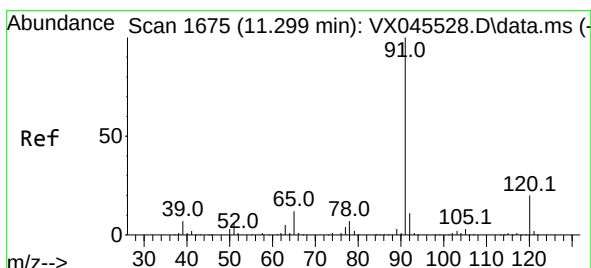
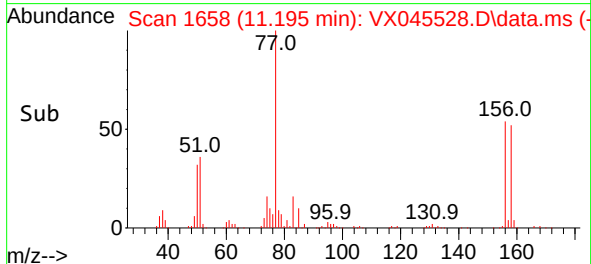
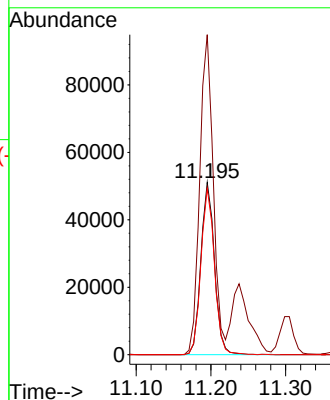
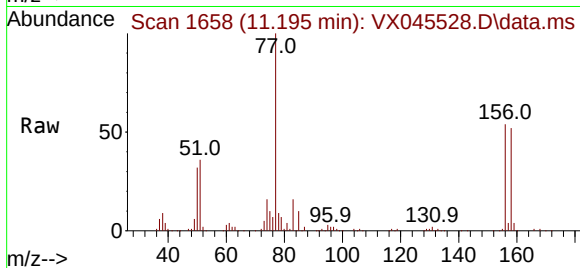
Tgt Ion:	156	Resp:	6452
Ion Ratio	Lower	Upper	
156	100		
77	185.2	92.6	277.8
158	96.3	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#78

n-propylbenzene

Concen: 53.069 ug/l

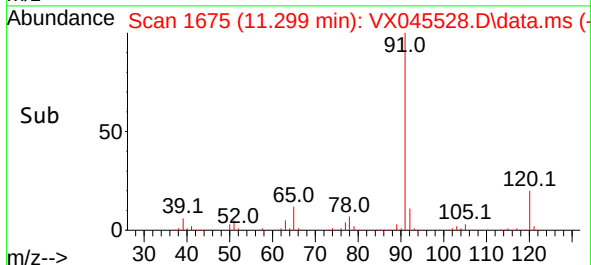
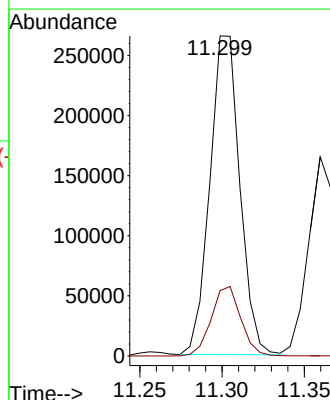
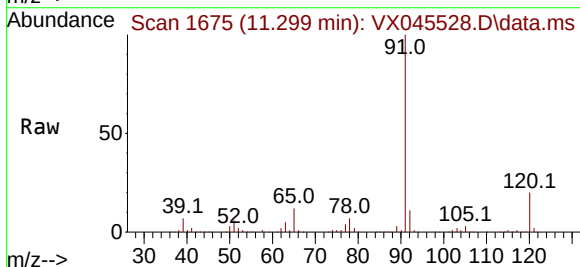
RT: 11.299 min Scan# 1675

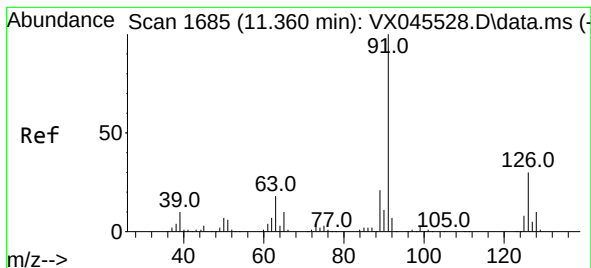
Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion:	91	Resp:	336796
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.3





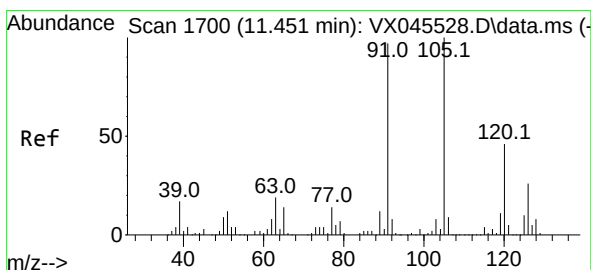
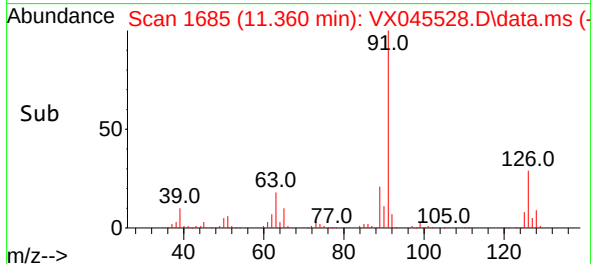
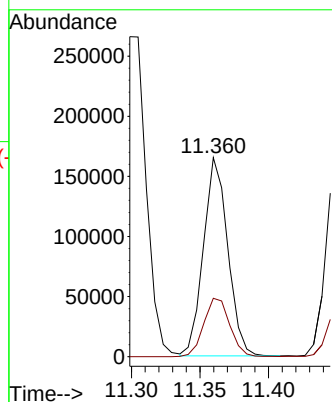
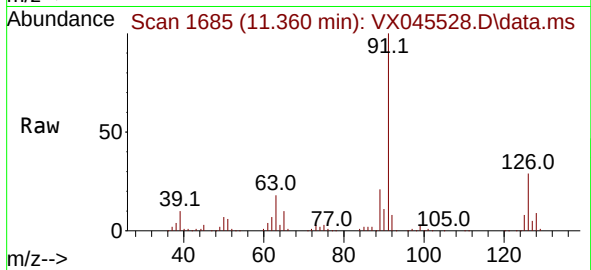
#79
2-Chlorotoluene
Concen: 50.279 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 203994
Ion Ratio Lower Upper
91 100
126 31.6 15.8 47.4

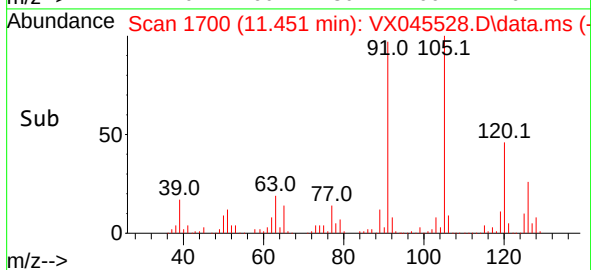
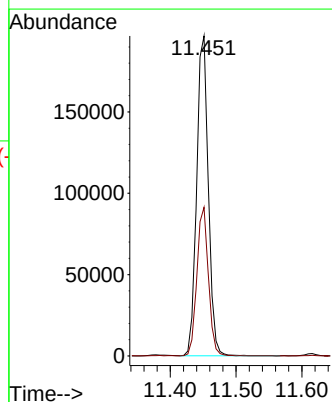
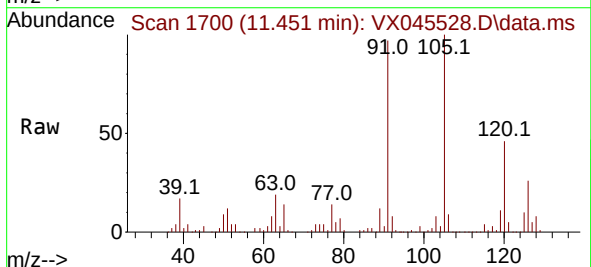
Manual Integrations
APPROVED

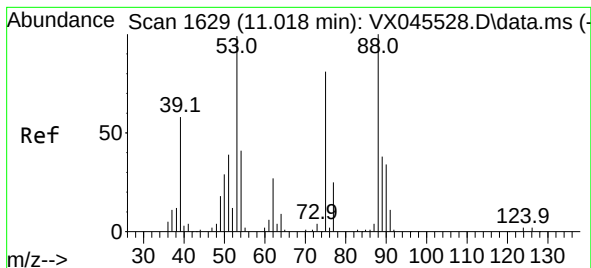
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.013 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:105 Resp: 241536
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





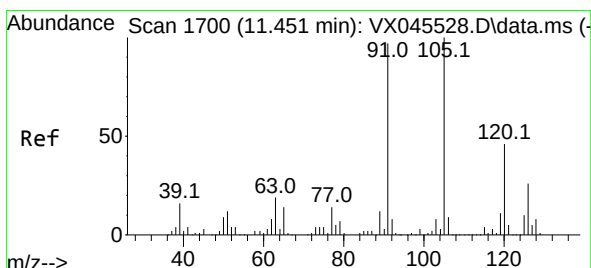
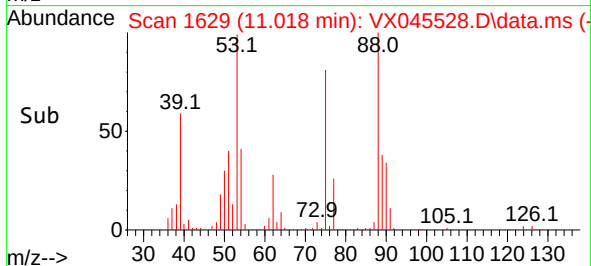
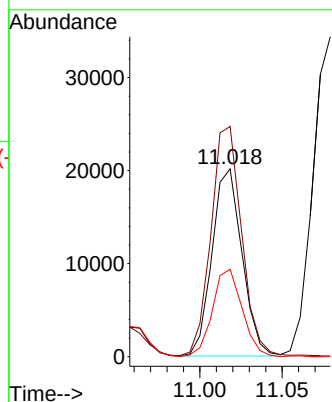
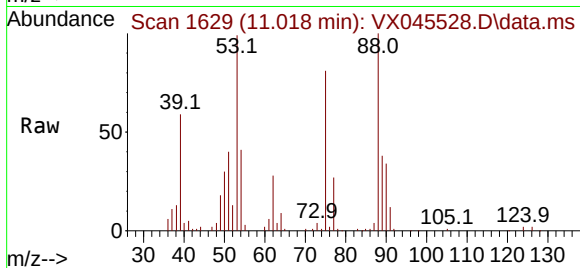
#81
trans-1,4-Dichloro-2-butene
Concen: 51.556 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 25488
Ion Ratio Lower Upper
75 100
53 127.2 101.8 152.6
89 46.5 37.2 55.8

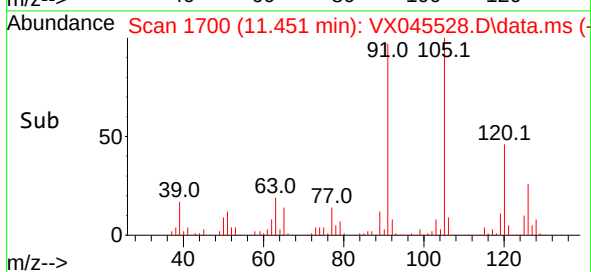
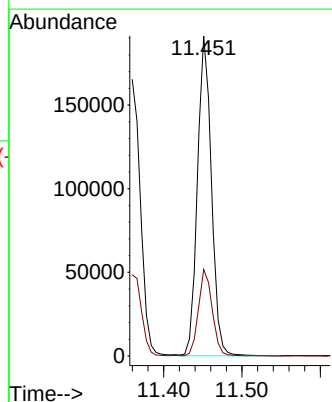
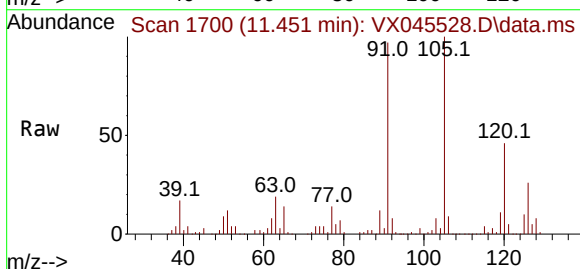
Manual Integrations
APPROVED

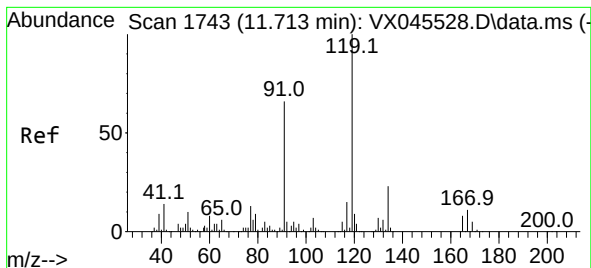
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#82
4-Chlorotoluene
Concen: 52.439 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

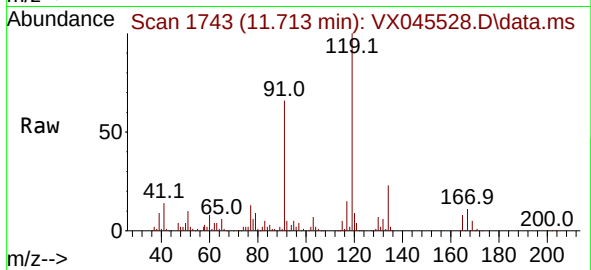
Tgt Ion: 91 Resp: 237213
Ion Ratio Lower Upper
91 100
126 26.6 13.3 39.9





#83
tert-Butylbenzene
Concen: 52.256 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

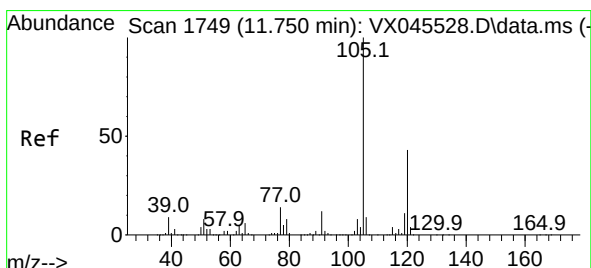
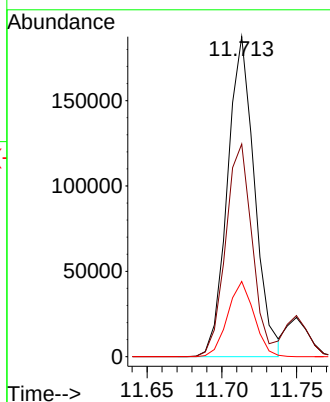
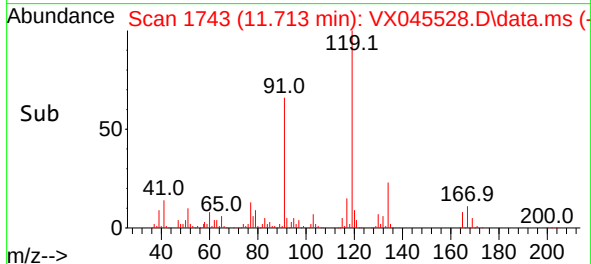
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



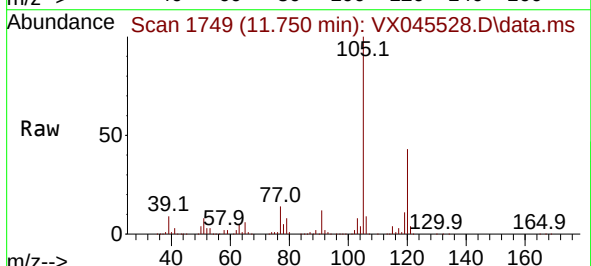
Tgt Ion:119 Resp: 235715
Ion Ratio Lower Upper
119 100
91 64.8 32.4 97.2
134 23.0 11.5 34.5

Manual Integrations
APPROVED

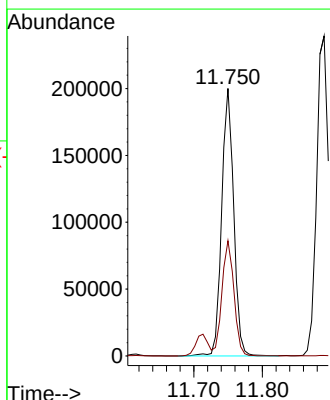
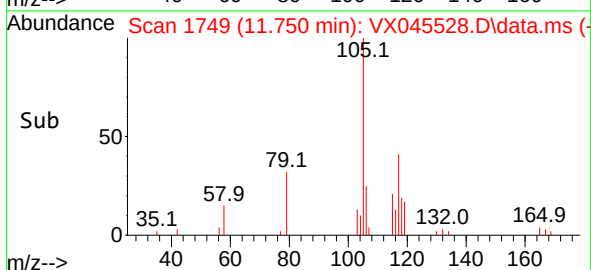
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

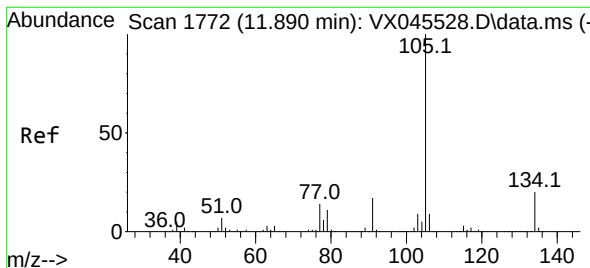


#84
1,2,4-Trimethylbenzene
Concen: 52.986 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15



Tgt Ion:105 Resp: 242301
Ion Ratio Lower Upper
105 100
120 42.9 21.4 64.3





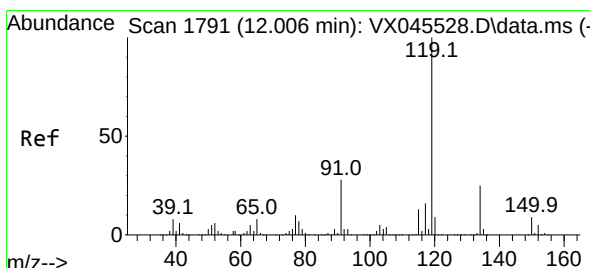
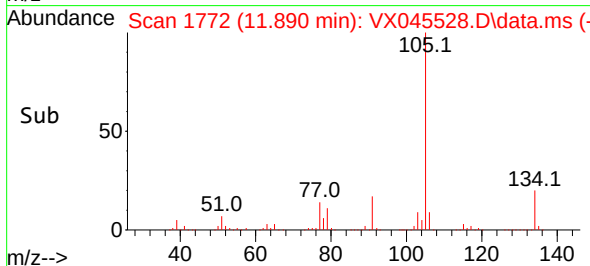
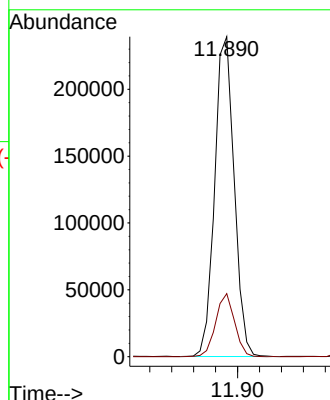
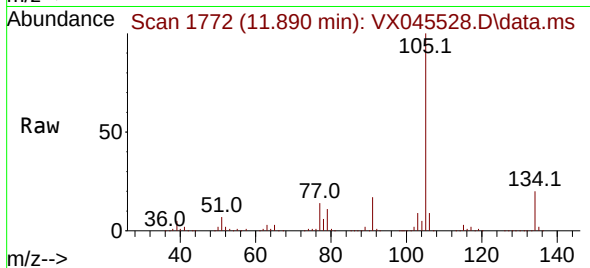
#85
 sec-Butylbenzene
 Concen: 53.391 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045528.D
 Acq: 01 Apr 2025 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 295799
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

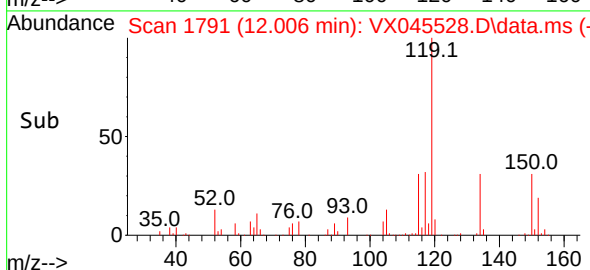
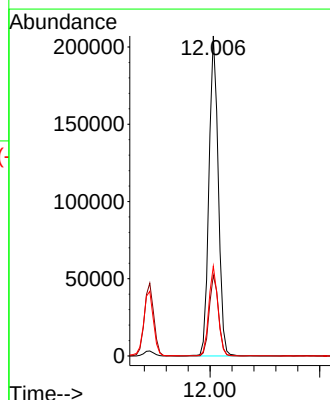
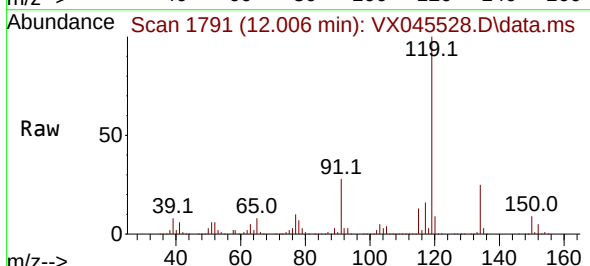
Manual Integrations
 APPROVED

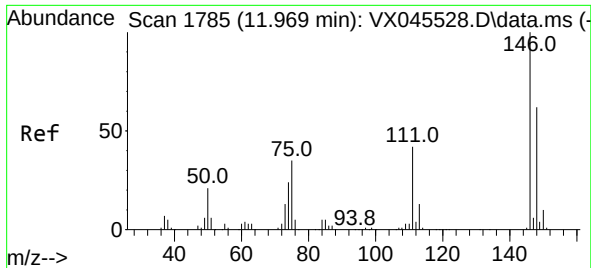
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#86
 p-Isopropyltoluene
 Concen: 53.073 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045528.D
 Acq: 01 Apr 2025 18:15

Tgt Ion:119 Resp: 242416
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 27.4 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 50.441 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 116890

Ion Ratio Lower Upper

146 100

111 44.4 22.2 66.6

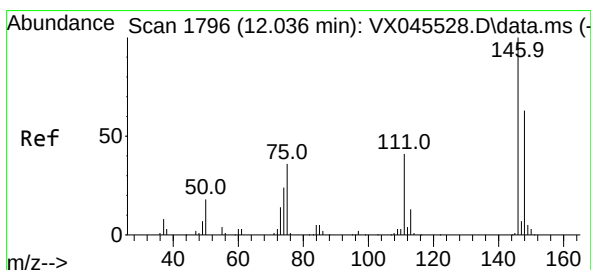
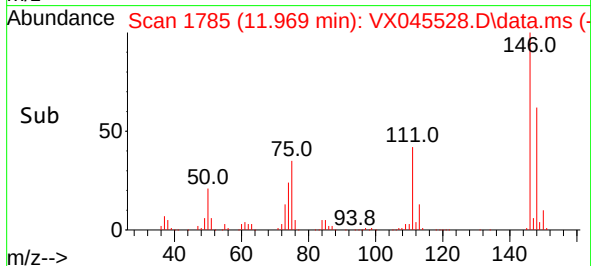
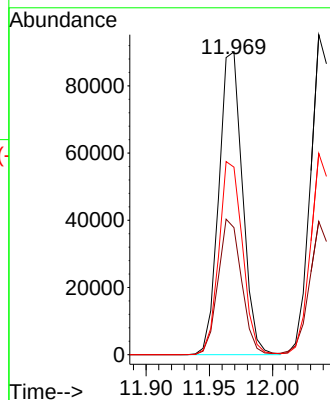
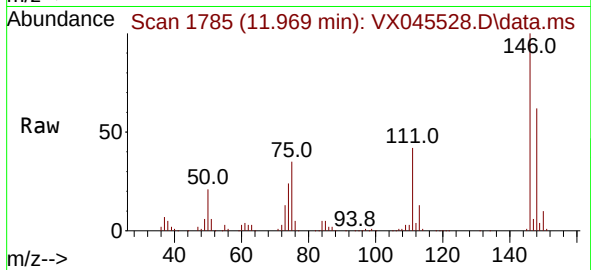
148 63.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#88

1,4-Dichlorobenzene

Concen: 49.871 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

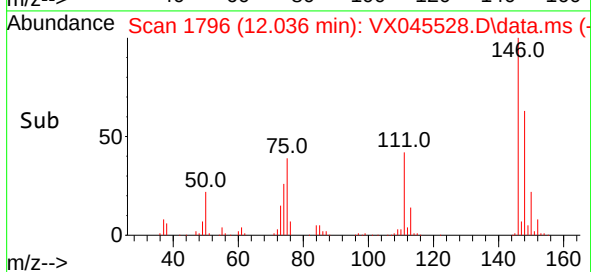
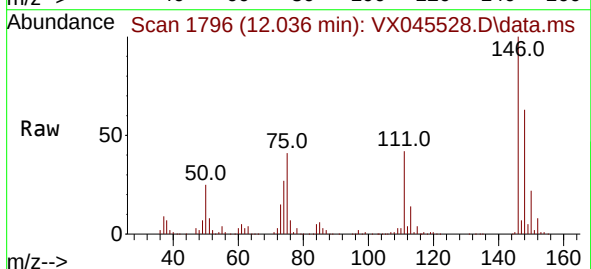
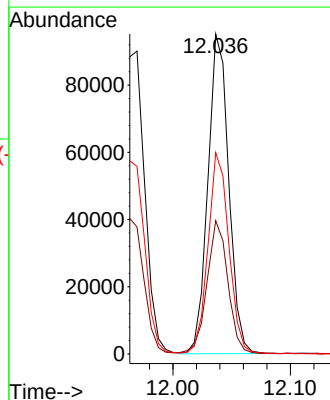
Tgt Ion:146 Resp: 117164

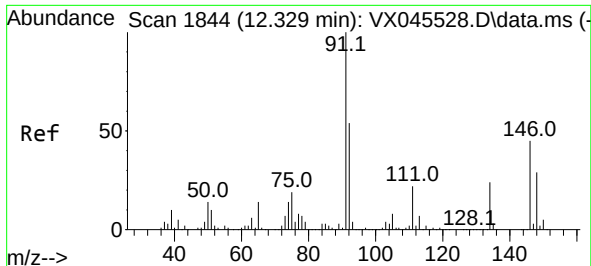
Ion Ratio Lower Upper

146 100

111 41.9 20.9 62.8

148 63.0 31.5 94.5





#89

n-Butylbenzene

Concen: 54.874 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 21734

Ion Ratio Lower Upper

91 100

92 53.7 26.9 80.6

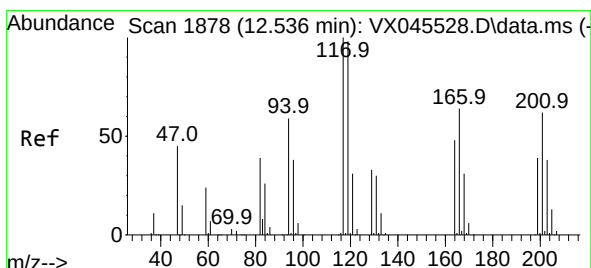
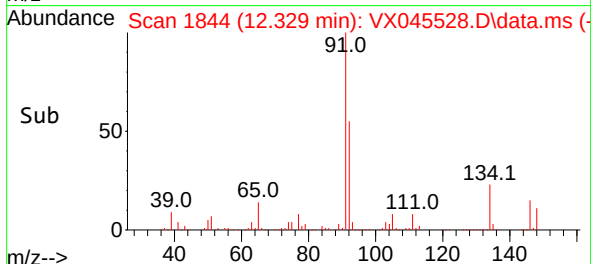
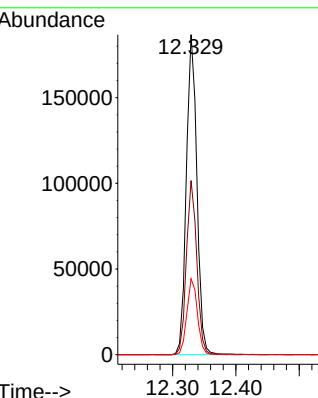
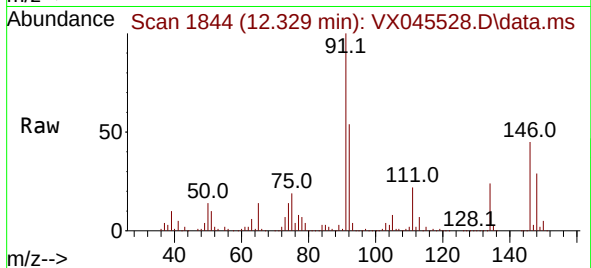
134 23.8 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#90

Hexachloroethane

Concen: 52.352 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045528.D

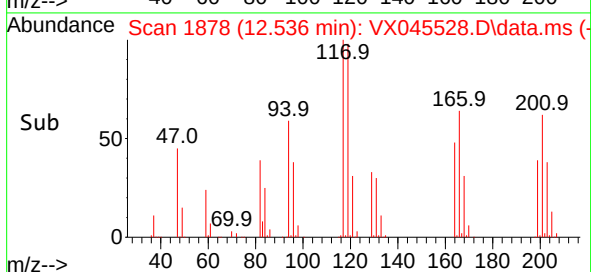
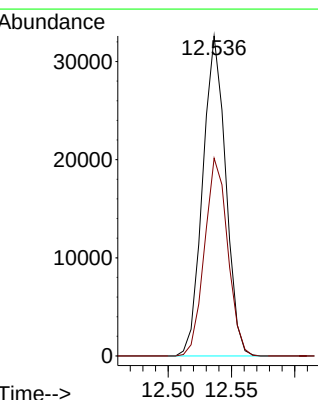
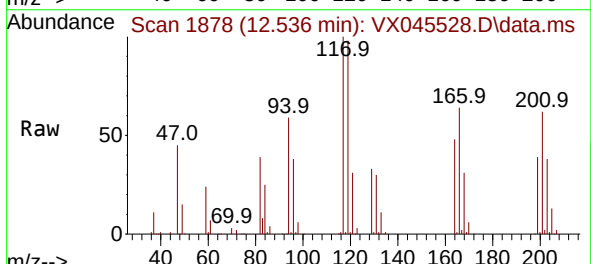
Acq: 01 Apr 2025 18:15

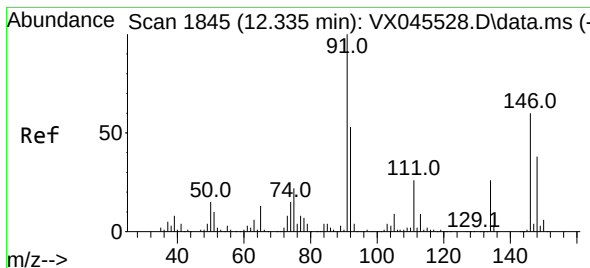
Tgt Ion:117 Resp: 41095

Ion Ratio Lower Upper

117 100

201 62.4 31.2 93.6





#91

1,2-Dichlorobenzene

Concen: 50.099 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 115420

Ion Ratio Lower Upper

146 100

111 45.9 22.9 68.8

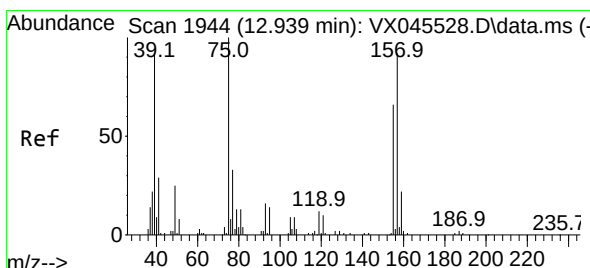
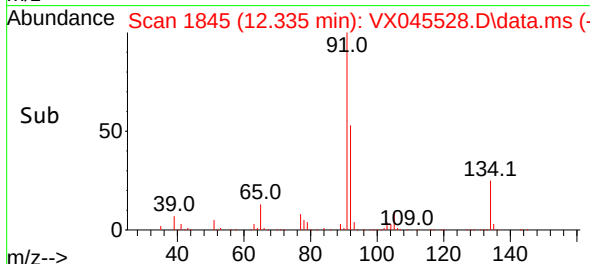
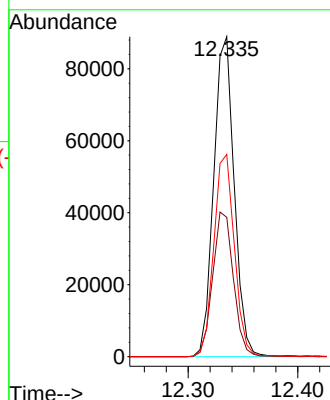
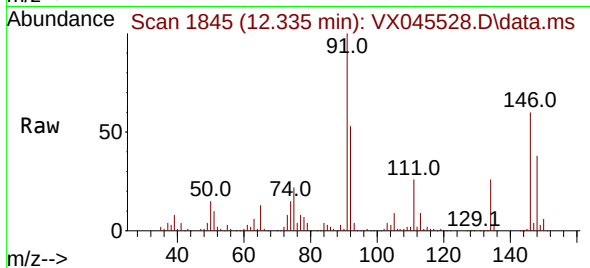
148 63.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.638 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

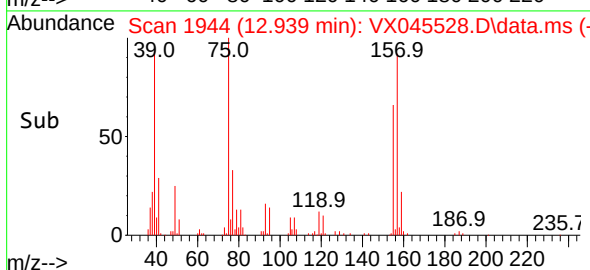
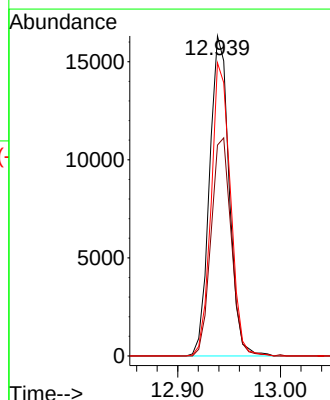
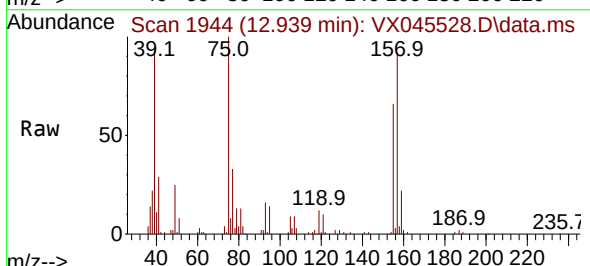
Tgt Ion: 75 Resp: 21712

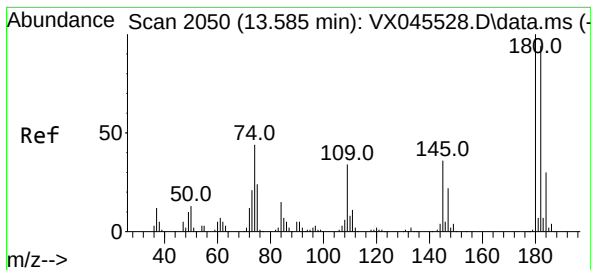
Ion Ratio Lower Upper

75 100

155 69.8 34.9 104.7

157 89.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.797 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

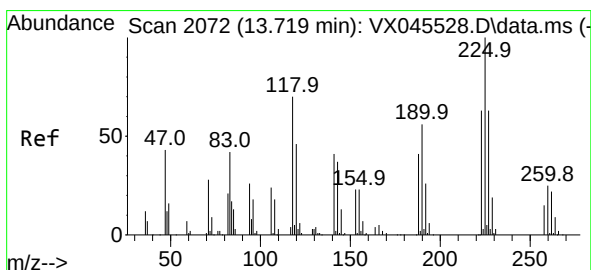
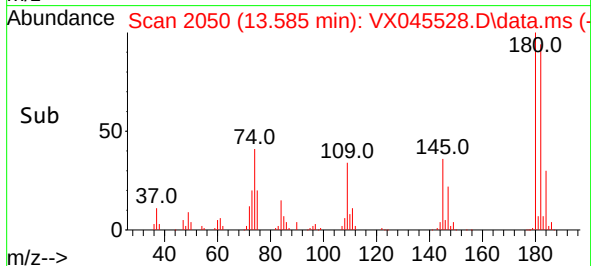
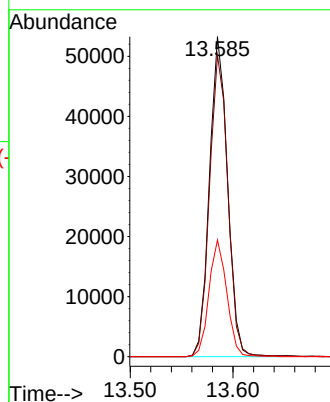
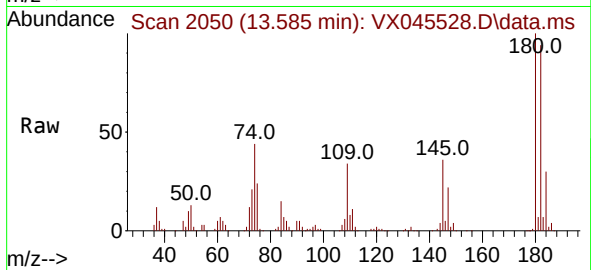
Tgt Ion:180	Resp:	6514
Ion Ratio	Lower	Upper
180	100	
182	95.7	47.9 143.6
145	35.9	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#94

Hexachlorobutadiene

Concen: 50.296 ug/l

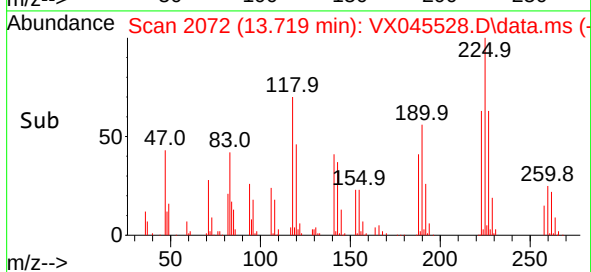
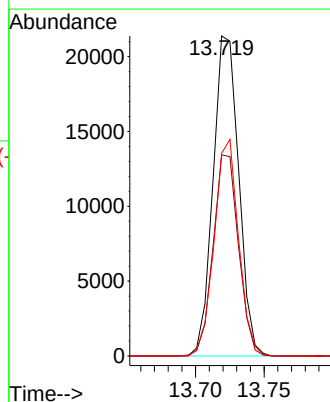
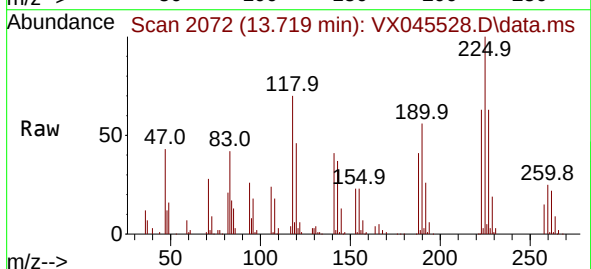
RT: 13.719 min Scan# 2072

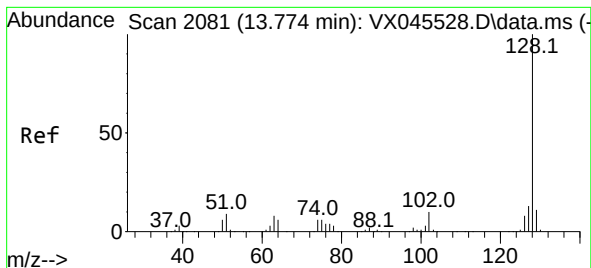
Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion:225	Resp:	27795
Ion Ratio	Lower	Upper
225	100	
223	62.2	31.1 93.3
227	64.4	32.2 96.6





#95

Naphthalene

Concen: 53.643 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 256009

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

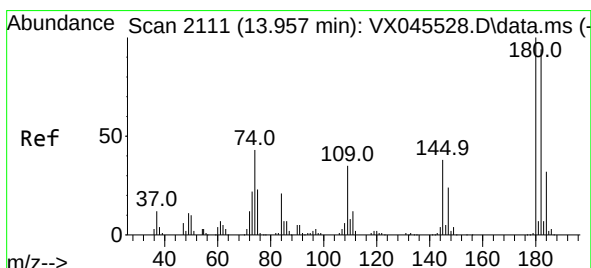
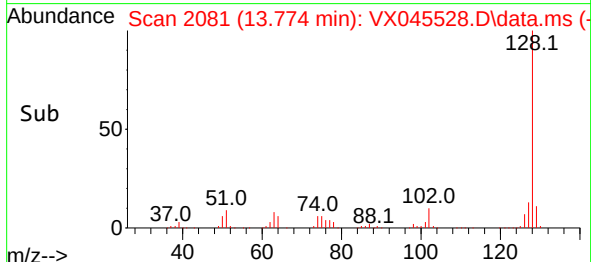
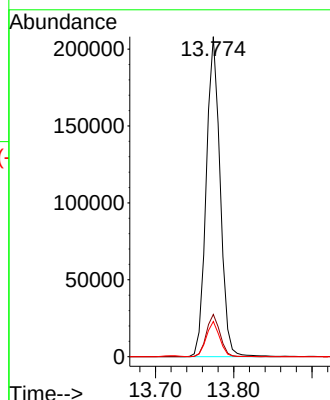
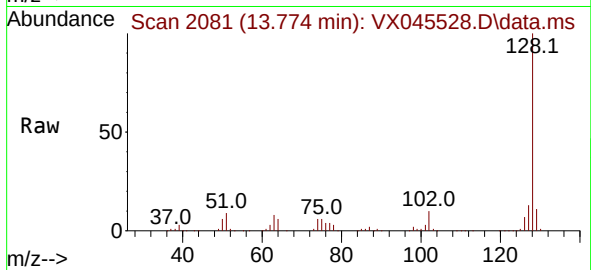
129 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.219 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

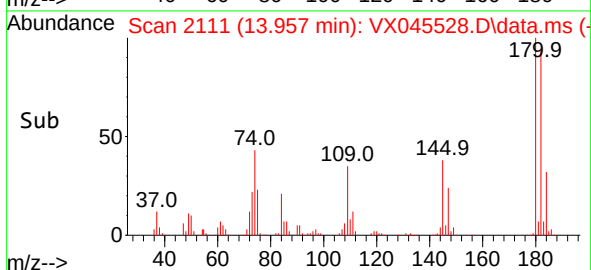
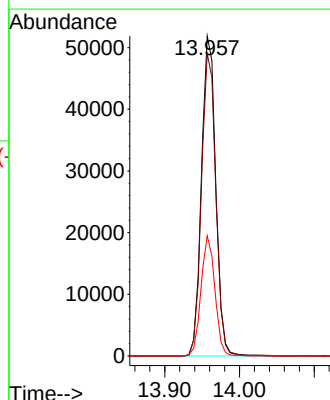
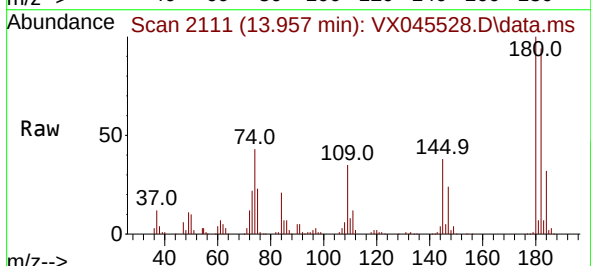
Tgt Ion:180 Resp: 68781

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 36.4 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045529.D
 Acq On : 01 Apr 2025 18:38
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	86107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	155757	98.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 197.820%#			
35) Dibromofluoromethane	5.379	113	107908	99.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.160%#			
50) Toluene-d8	8.647	98	375599	99.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 198.620%#			
62) 4-Bromofluorobenzene	11.079	95	146944	106.664	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 213.320%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	144108	111.909	ug/l	99
3) Chloromethane	1.307	50	140360	106.098	ug/l	100
4) Vinyl Chloride	1.374	62	127174	105.042	ug/l	99
5) Bromomethane	1.593	94	58706	102.266	ug/l	98
6) Chloroethane	1.660	64	61099	95.120	ug/l	98
7) Trichlorofluoromethane	1.867	101	187555	103.887	ug/l	98
8) Diethyl Ether	2.136	74	61683	101.767	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	106989	101.133	ug/l	97
10) Methyl Iodide	2.441	142	135732	102.863	ug/l	100
11) Tert butyl alcohol	2.989	59	110044	519.999	ug/l	99
12) 1,1-Dichloroethene	2.306	96	106404	102.934	ug/l	99
13) Acrolein	2.233	56	146268	501.914	ug/l	99
14) Allyl chloride	2.654	41	206484	105.276	ug/l	99
15) Acrylonitrile	3.062	53	338970	507.426	ug/l	99
16) Acetone	2.386	43	314285	486.054	ug/l	100
17) Carbon Disulfide	2.502	76	276285	108.215	ug/l	100
18) Methyl Acetate	2.703	43	147272	98.925	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	381719	105.561	ug/l	99
20) Methylene Chloride	2.782	84	121435	100.316	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	106896	101.220	ug/l	98
22) Diisopropyl ether	3.757	45	406185	105.132	ug/l	95
23) Vinyl Acetate	3.721	43	1848817	553.853	ug/l	99
24) 1,1-Dichloroethane	3.605	63	220934	101.114	ug/l	100
25) 2-Butanone	4.556	43	491249	519.018	ug/l	100
26) 2,2-Dichloropropane	4.465	77	155592	110.215	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	129785	100.871	ug/l	98
28) Bromochloromethane	4.891	49	105093	99.530	ug/l	100
29) Tetrahydrofuran	5.001	42	313121	510.264	ug/l	99
30) Chloroform	5.086	83	225402	100.255	ug/l	99
31) Cyclohexane	5.458	56	197136	102.056	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	198511	104.346	ug/l	99
36) 1,1-Dichloropropene	5.684	75	151448	103.515	ug/l	99
37) Ethyl Acetate	4.715	43	192130	104.207	ug/l	99
38) Carbon Tetrachloride	5.672	117	166465	105.278	ug/l	99
39) Methylcyclohexane	7.373	83	191752	106.921	ug/l	99
40) Benzene	6.031	78	452946	101.369	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045529.D
 Acq On : 01 Apr 2025 18:38
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	107037	109.068	ug/l	99
42) 1,2-Dichloroethane	6.080	62	189528	102.696	ug/l	100
43) Isopropyl Acetate	6.336	43	305974	109.494	ug/l	100
44) Trichloroethene	7.123	130	107332	101.062	ug/l	97
45) 1,2-Dichloropropane	7.421	63	115731	103.806	ug/l	98
46) Dibromomethane	7.574	93	87381	102.101	ug/l	97
47) Bromodichloromethane	7.818	83	179265	104.886	ug/l	98
48) Methyl methacrylate	7.690	41	158241	109.675	ug/l	99
49) 1,4-Dioxane	7.665	88	52624	2015.906	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	988881	533.814	ug/l	99
52) Toluene	8.714	92	276323	102.199	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	169413	100.645	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	182328	113.521	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	109208	101.361	ug/l	98
56) Ethyl methacrylate	9.116	69	192034	115.168	ug/l	99
57) 1,3-Dichloropropane	9.305	76	192473	102.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	460297	545.696	ug/l	100
59) 2-Hexanone	9.427	43	738772	538.538	ug/l	99
60) Dibromochloromethane	9.519	129	128700	109.570	ug/l	98
61) 1,2-Dibromoethane	9.604	107	115919	106.282	ug/l	99
64) Tetrachloroethene	9.269	164	90817	94.325	ug/l	99
65) Chlorobenzene	10.073	112	296300	101.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	103437	102.243	ug/l	99
67) Ethyl Benzene	10.189	91	543568	104.152	ug/l	99
68) m/p-Xylenes	10.299	106	394241	207.694	ug/l	100
69) o-Xylene	10.640	106	195381	104.487	ug/l	99
70) Styrene	10.653	104	335333	108.654	ug/l	100
71) Bromoform	10.799	173	83632	110.714	ug/l #	97
73) Isopropylbenzene	10.957	105	522436	100.944	ug/l	100
74) N-amyl acetate	10.842	43	275462	111.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	174977	96.243	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	154048m	97.744	ug/l	
77) Bromobenzene	11.195	156	119561	99.983	ug/l	99
78) n-propylbenzene	11.299	91	622679	104.454	ug/l	100
79) 2-Chlorotoluene	11.360	91	376682	98.840	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	435137	101.675	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	51873	111.704	ug/l	95
82) 4-Chlorotoluene	11.451	91	432884	101.877	ug/l	99
83) tert-Butylbenzene	11.713	119	437649	103.292	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	444211	103.414	ug/l	99
85) sec-Butylbenzene	11.890	105	546857	105.082	ug/l	100
86) p-Isopropyltoluene	12.006	119	453109	105.609	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	221481	101.749	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	216367	98.047	ug/l	98
89) n-Butylbenzene	12.329	91	420694	113.075	ug/l	99
90) Hexachloroethane	12.536	117	80489	109.160	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	215157	99.419	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43047	113.214	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	135046	112.106	ug/l	99
94) Hexachlorobutadiene	13.725	225	53636	103.326	ug/l	98
95) Naphthalene	13.774	128	499719	111.473	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	137328	108.869	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

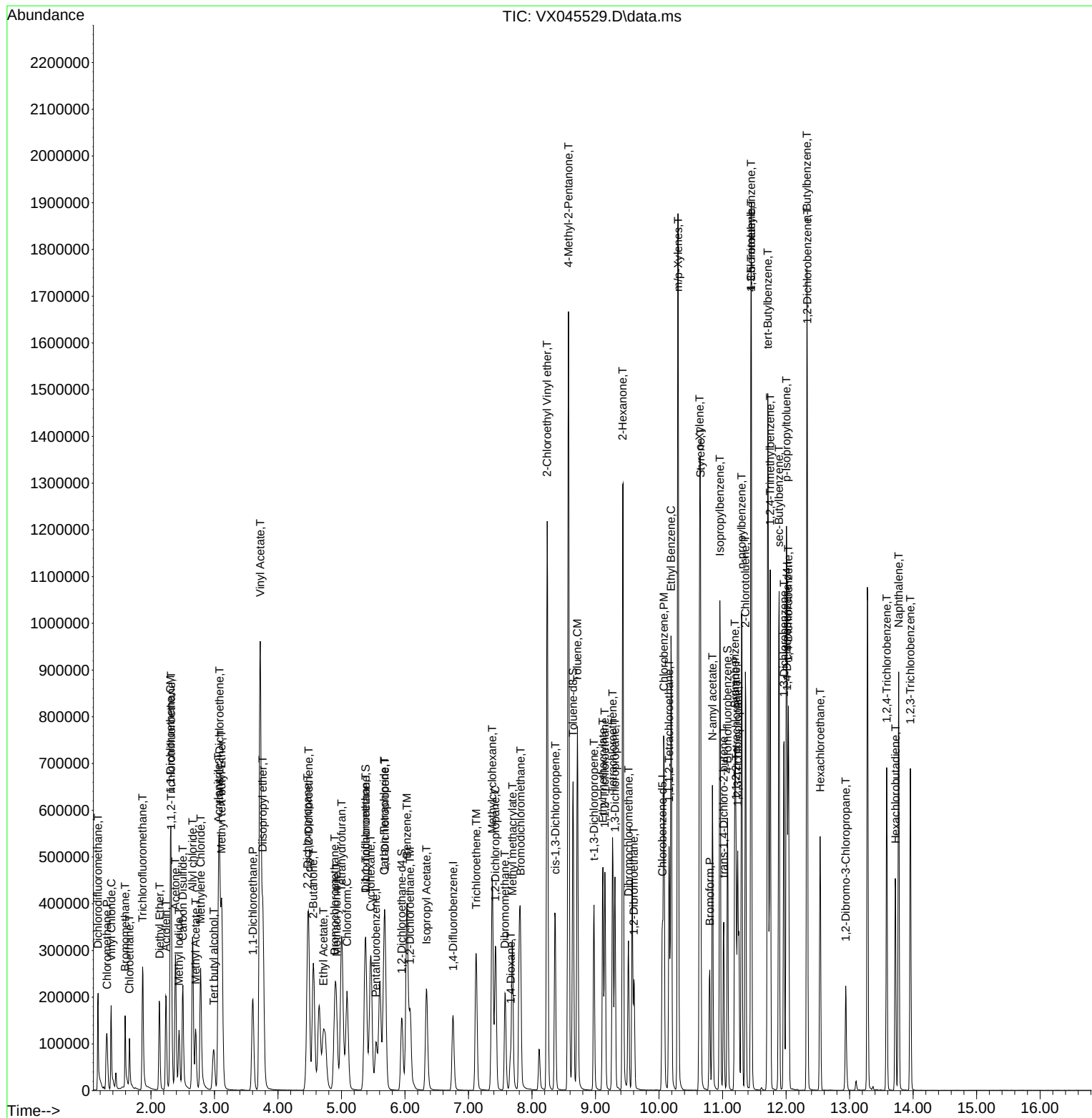
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

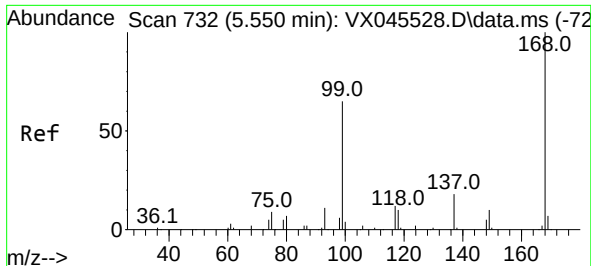
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

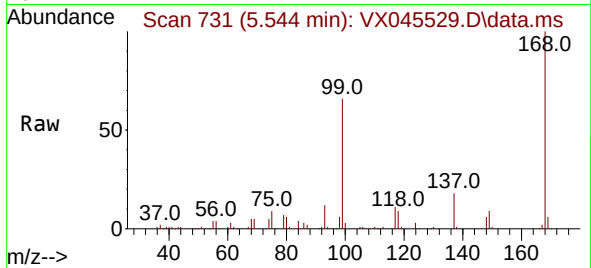
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

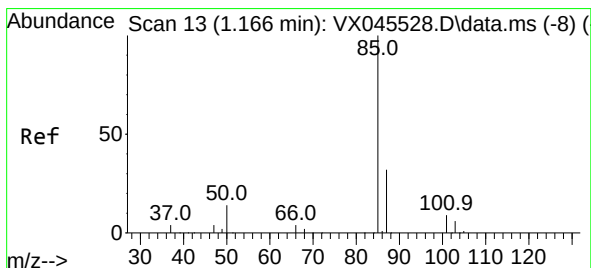
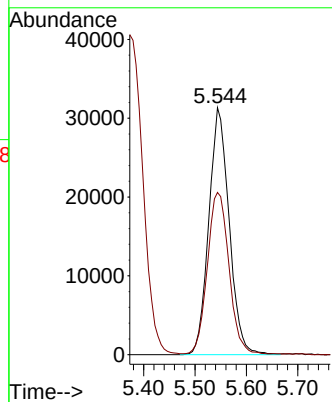
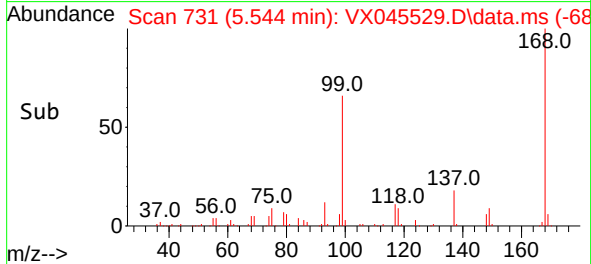
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 8610
Ion Ratio Lower Upper
168 100
99 65.3 52.3 78.5

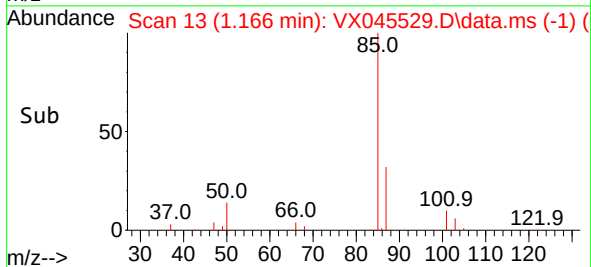
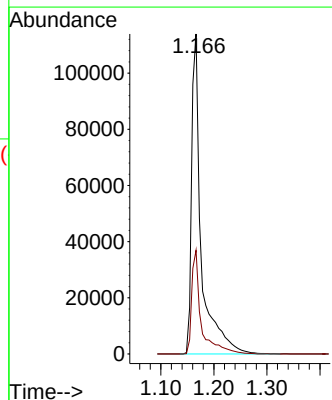
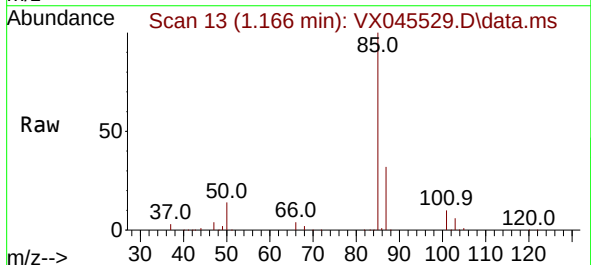
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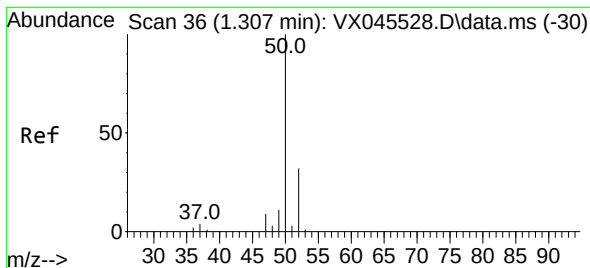
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 111.909 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 85 Resp: 144108
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2





#3

Chloromethane

Concen: 106.098 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 140360

Ion Ratio Lower Upper

50 100

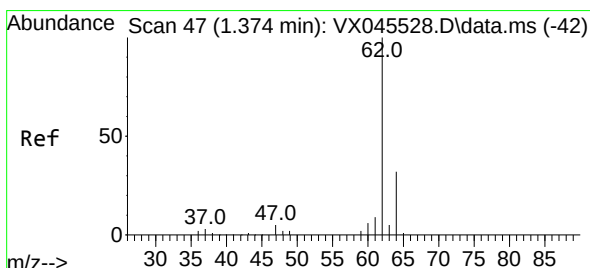
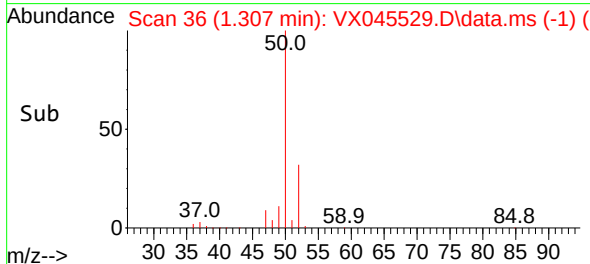
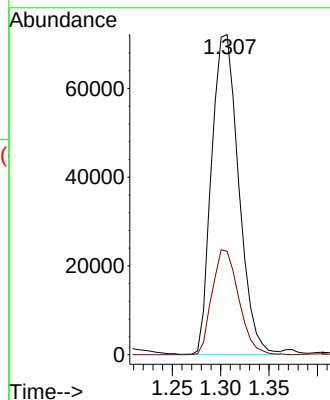
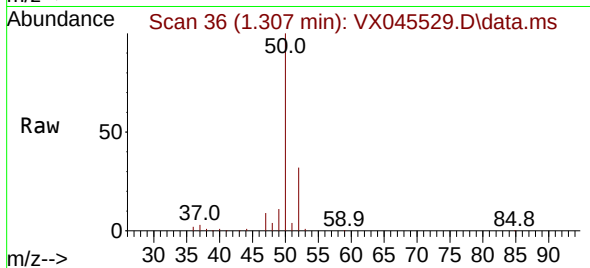
52 32.4 25.9 38.9

Manual Integrations

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Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#4

Vinyl Chloride

Concen: 105.042 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX045529.D

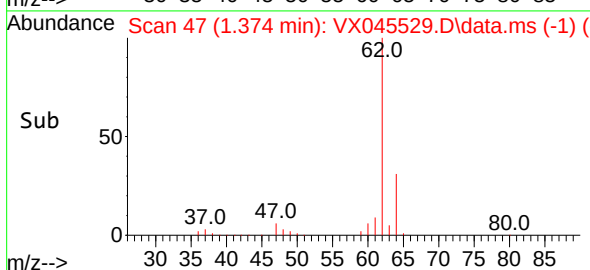
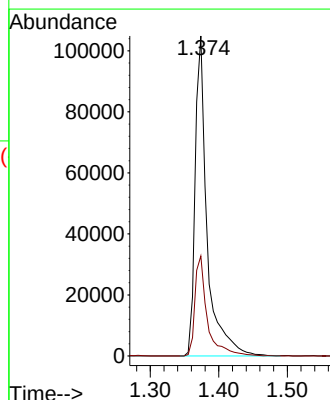
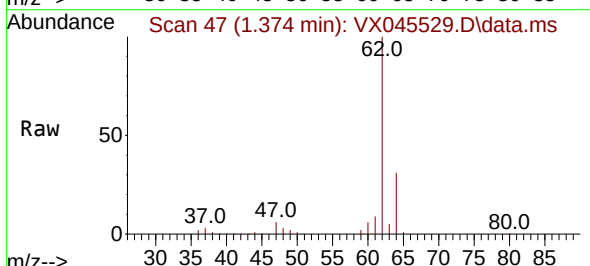
Acq: 01 Apr 2025 18:38

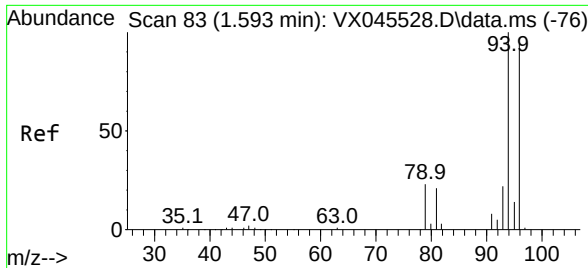
Tgt Ion: 62 Resp: 127174

Ion Ratio Lower Upper

62 100

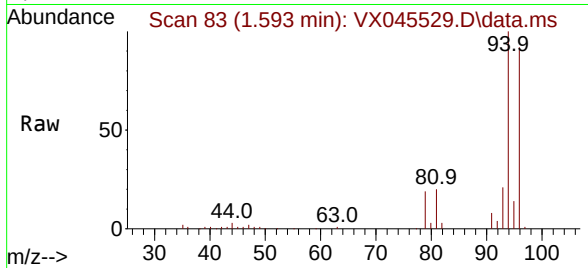
64 31.2 25.5 38.3





#5
Bromomethane
Concen: 102.266 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

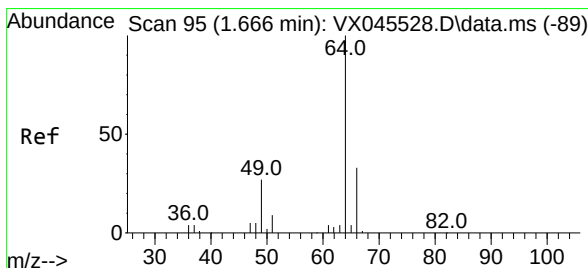
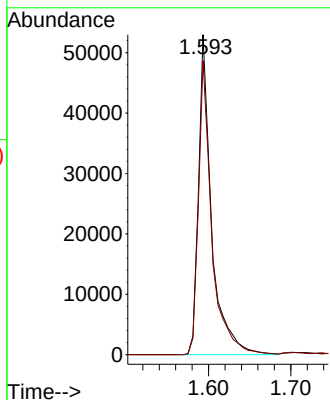
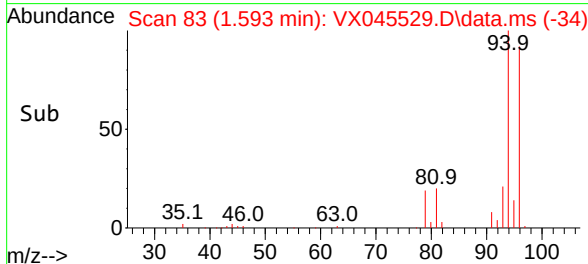
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 58700
Ion Ratio Lower Upper
94 100
96 91.9 74.8 112.2

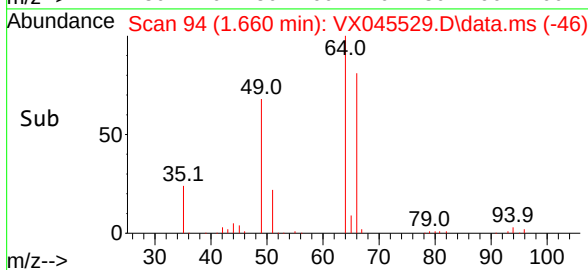
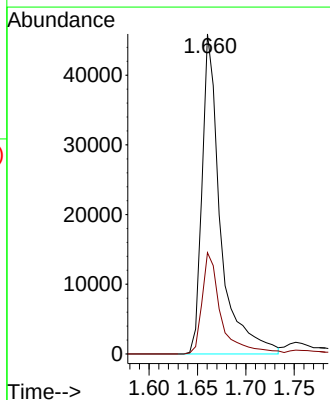
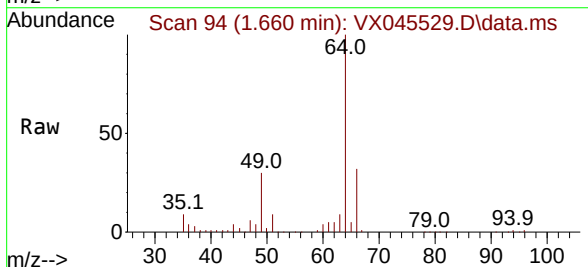
Manual Integrations
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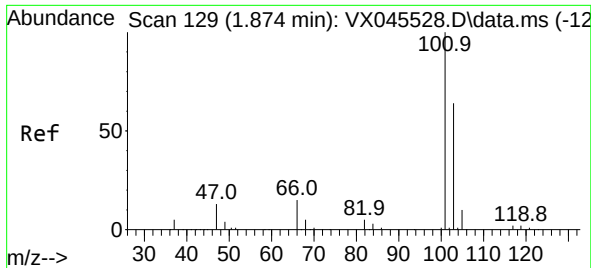
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 95.120 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

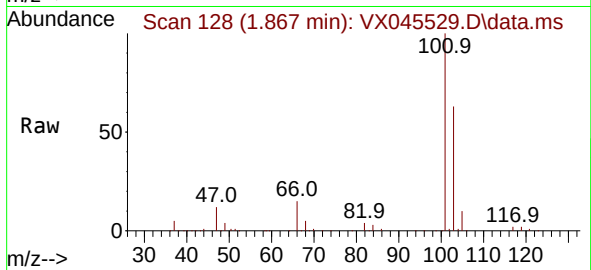
Tgt Ion: 64 Resp: 61099
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 103.887 ug/l
RT: 1.867 min Scan# 129
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

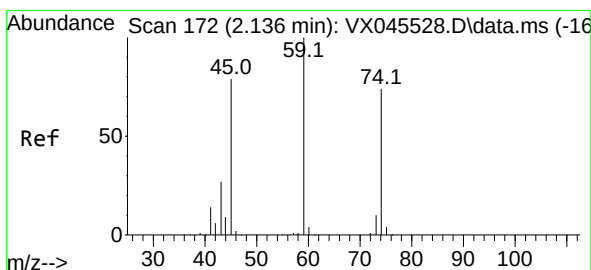
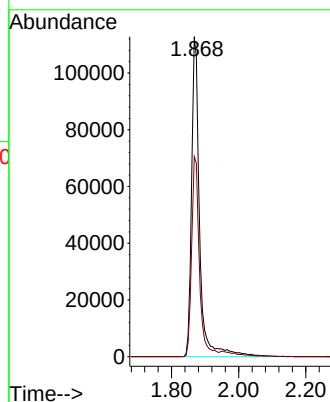
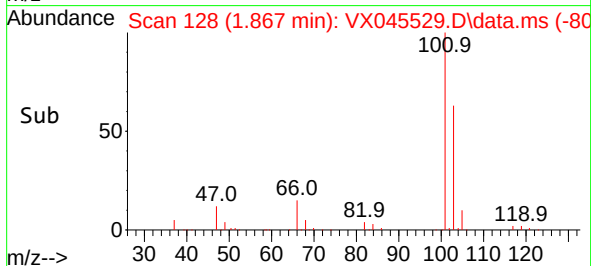
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 18755
Ion Ratio Lower Upper
101 100
103 62.5 51.1 76.7

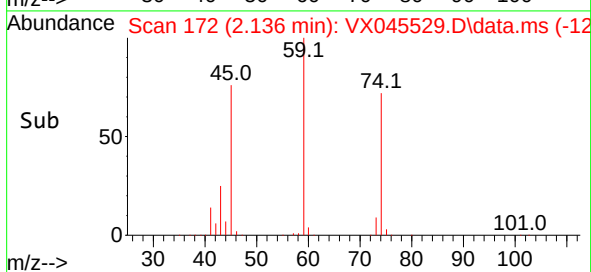
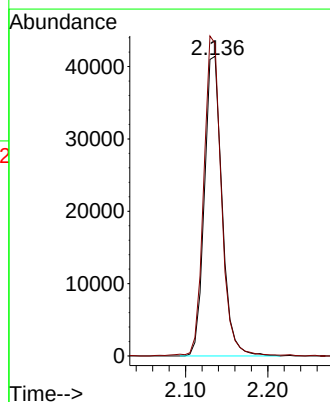
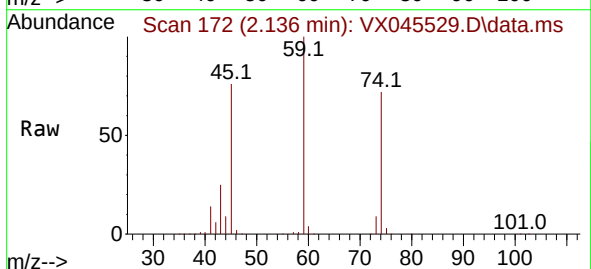
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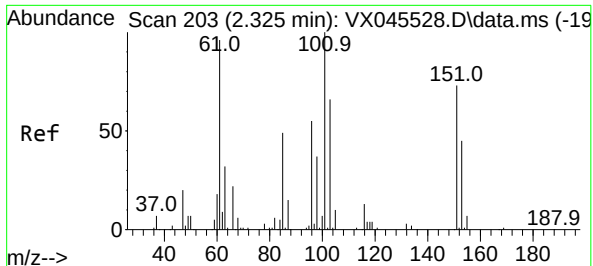
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#8
Diethyl Ether
Concen: 101.767 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 74 Resp: 61683
Ion Ratio Lower Upper
74 100
45 106.7 53.0 159.1





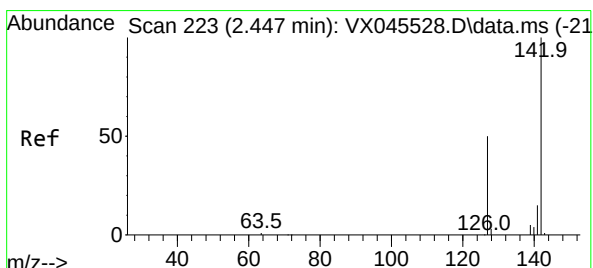
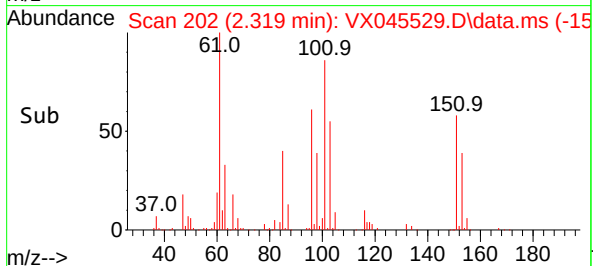
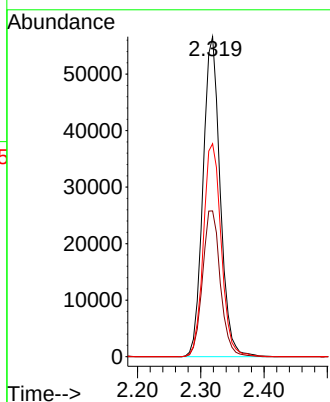
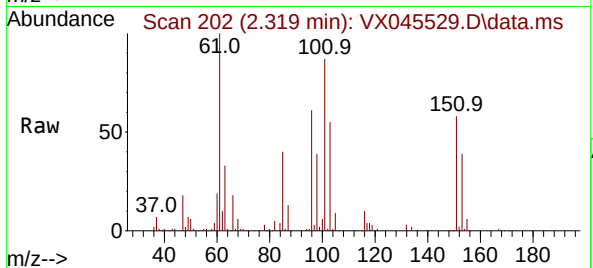
#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.133 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 106989
Ion Ratio Lower Upper
101 100
85 47.3 38.9 58.3
151 69.0 57.5 86.3

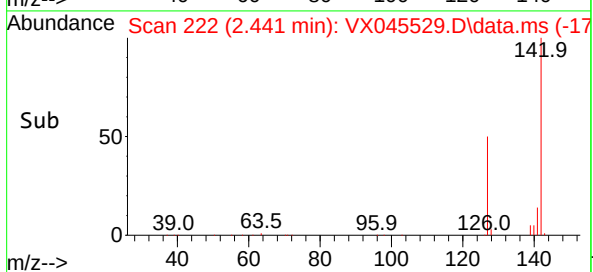
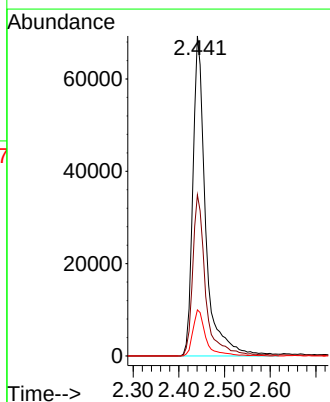
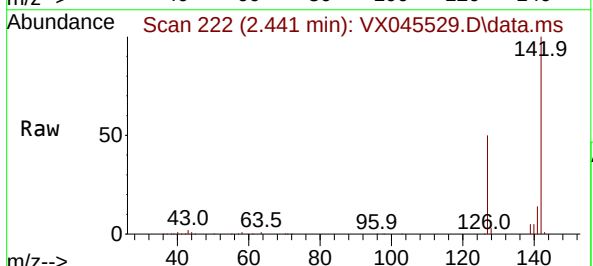
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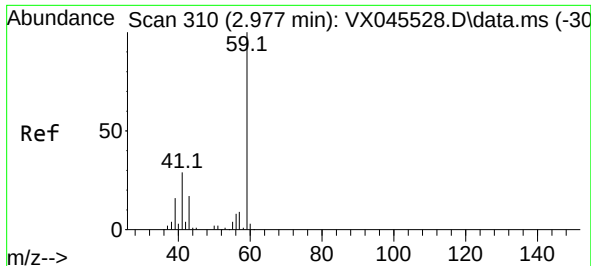
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 102.863 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:142 Resp: 135732
Ion Ratio Lower Upper
142 100
127 50.6 40.2 60.4
141 14.5 11.7 17.5





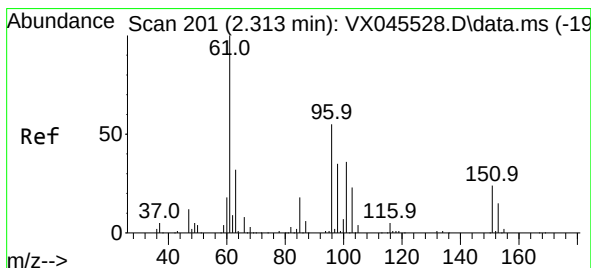
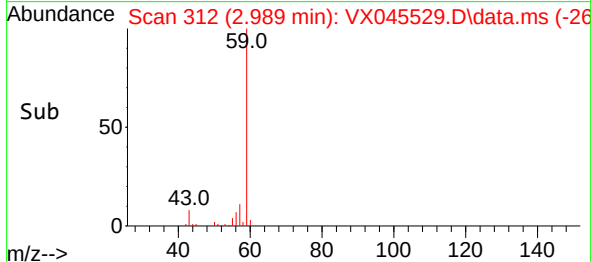
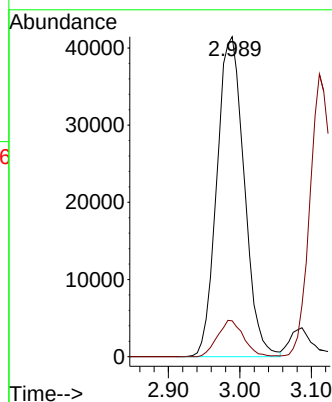
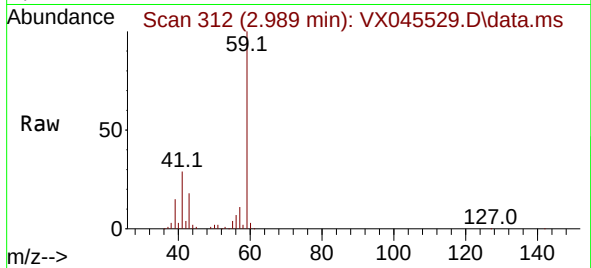
#11
Tert butyl alcohol
Concen: 519.999 ug/l
RT: 2.989 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 110044
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

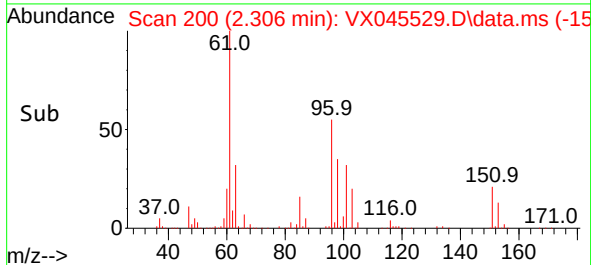
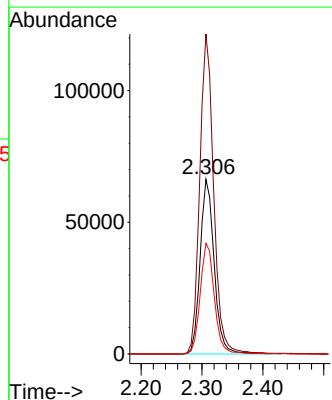
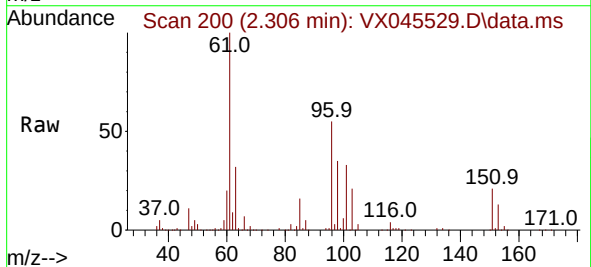
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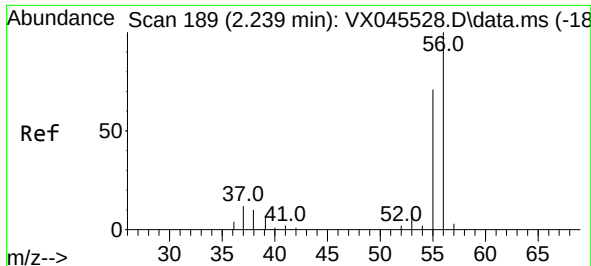
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#12
1,1-Dichloroethene
Concen: 102.934 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 96 Resp: 106404
Ion Ratio Lower Upper
96 100
61 183.3 145.7 218.5
98 63.3 51.6 77.4





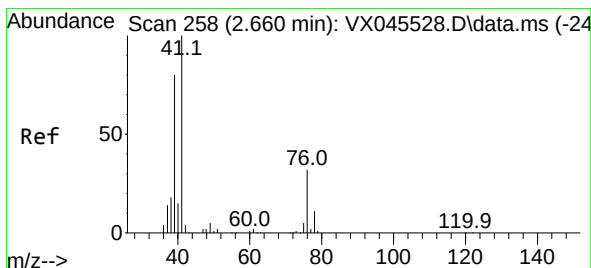
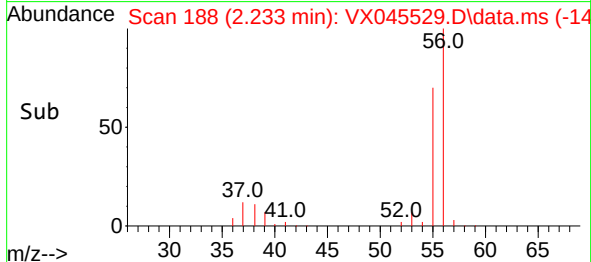
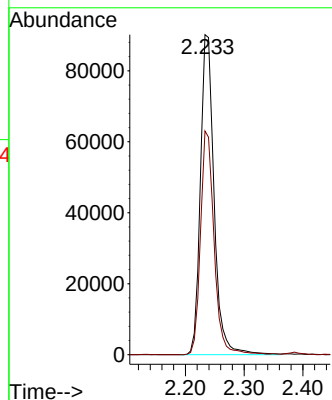
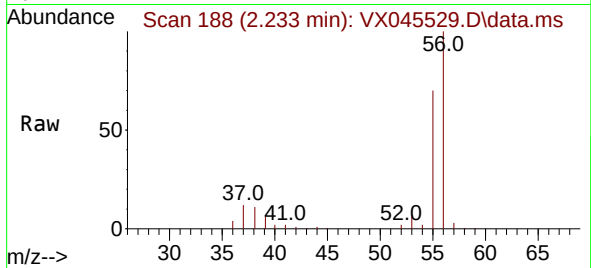
#13
Acrolein
Concen: 501.914 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 146268
Ion Ratio Lower Upper
56 100
55 69.5 56.2 84.2

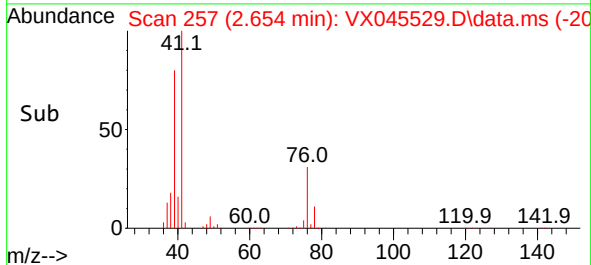
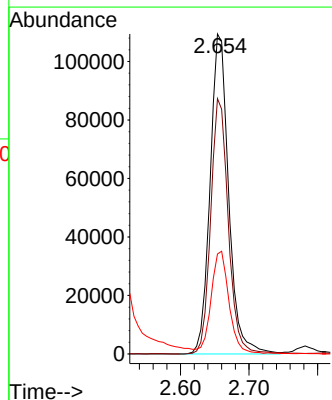
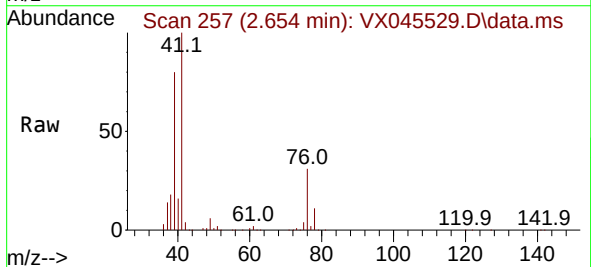
Manual Integrations
APPROVED

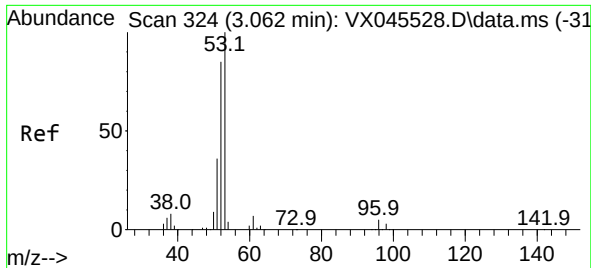
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#14
Allyl chloride
Concen: 105.276 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

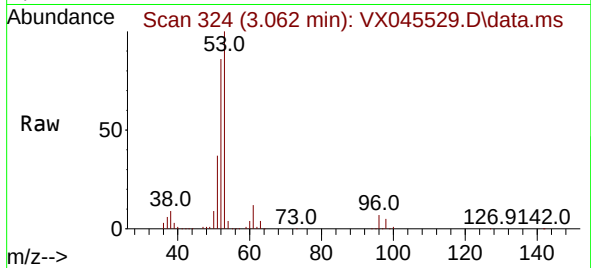
Tgt Ion: 41 Resp: 206484
Ion Ratio Lower Upper
41 100
39 75.8 60.2 90.2
76 31.3 24.6 36.8





#15
Acrylonitrile
Concen: 507.426 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

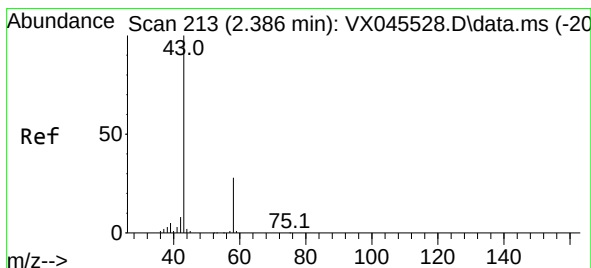
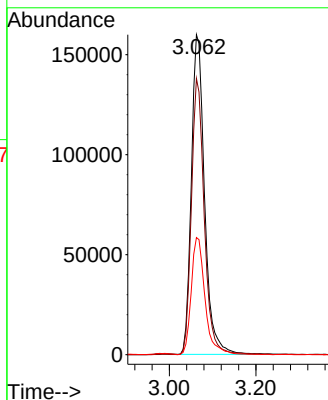
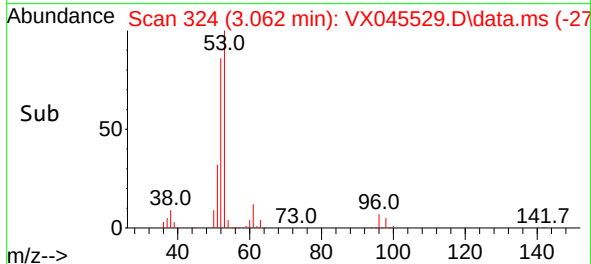
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 338970
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.2
51 38.0 29.9 44.9

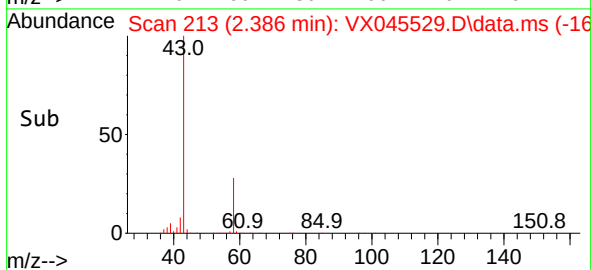
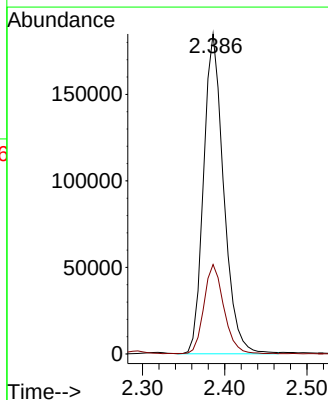
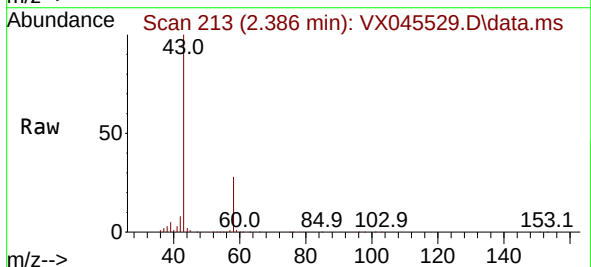
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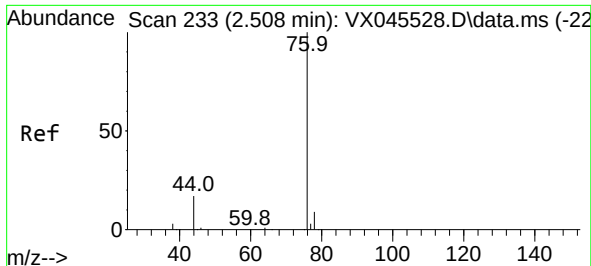
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#16
Acetone
Concen: 486.054 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 314285
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5





#17

Carbon Disulfide

Concen: 108.215 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 27628

Ion Ratio Lower Upper

76 100

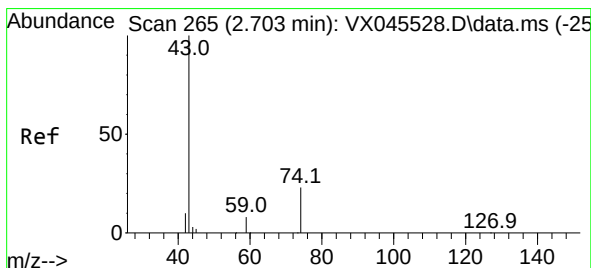
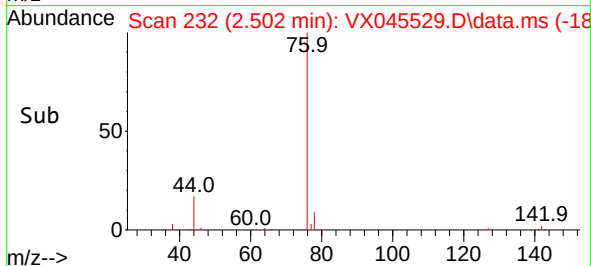
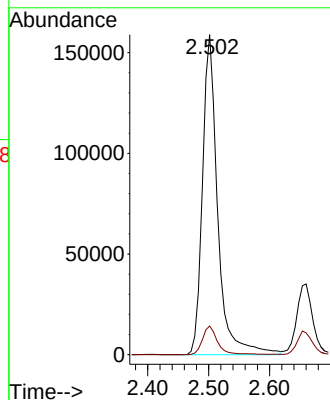
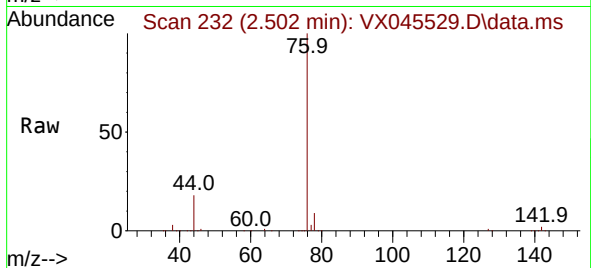
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#18

Methyl Acetate

Concen: 98.925 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045529.D

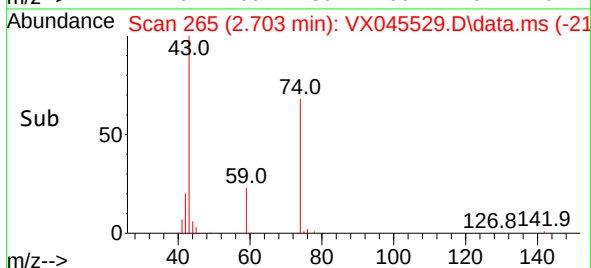
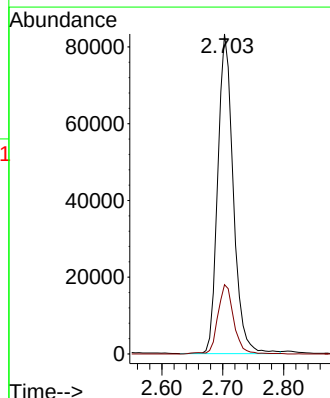
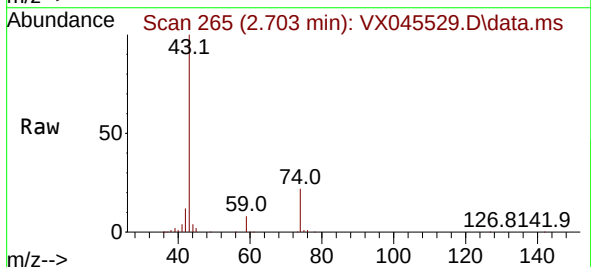
Acq: 01 Apr 2025 18:38

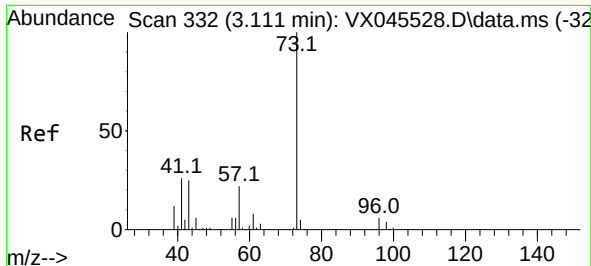
Tgt Ion: 43 Resp: 147272

Ion Ratio Lower Upper

43 100

74 22.2 17.5 26.3





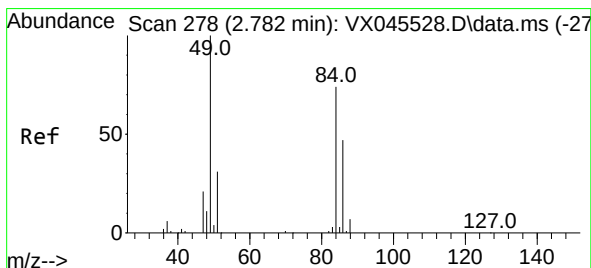
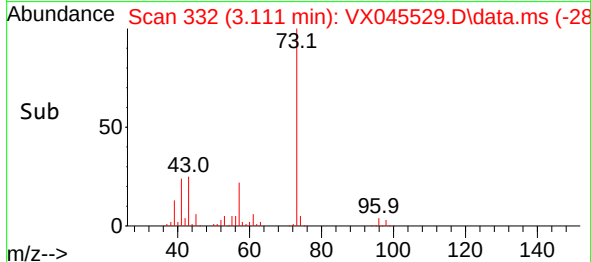
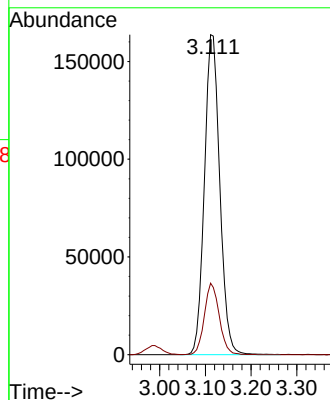
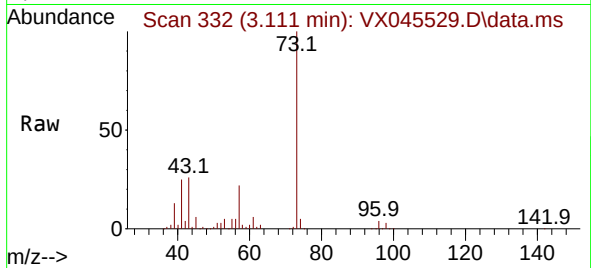
#19
Methyl tert-butyl Ether
Concen: 105.561 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 381719
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

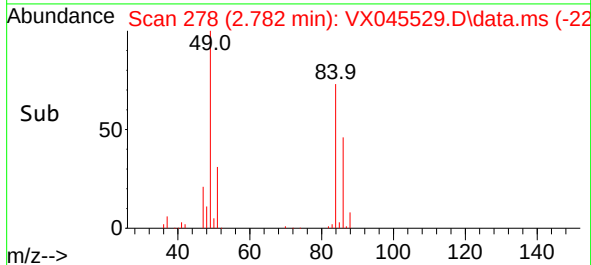
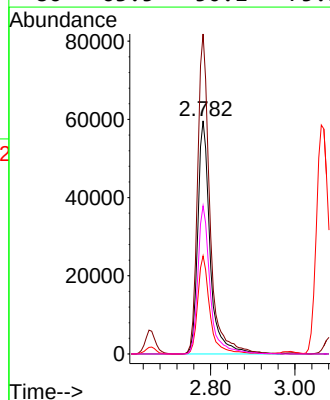
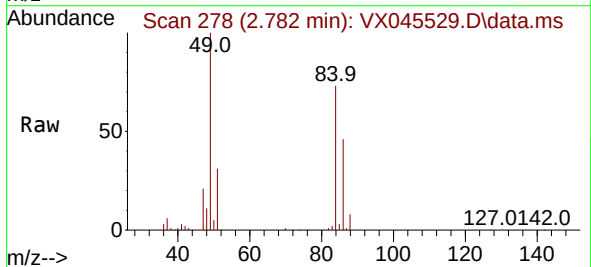
Manual Integrations
APPROVED

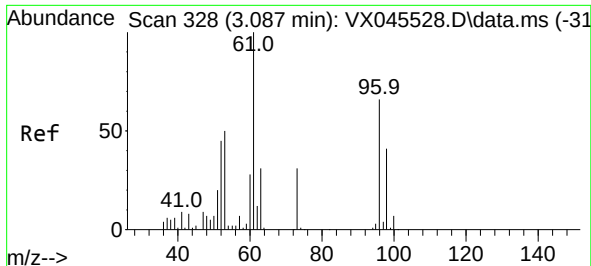
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#20
Methylene Chloride
Concen: 100.316 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

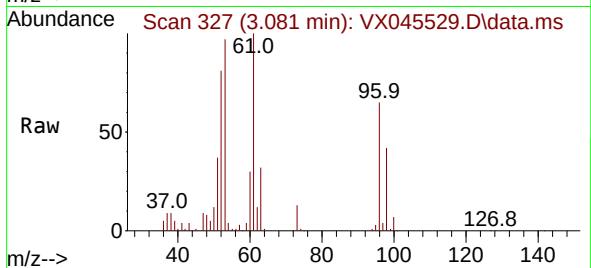
Tgt Ion: 84 Resp: 121435
Ion Ratio Lower Upper
84 100
49 137.2 107.5 161.3
51 42.1 33.0 49.6
86 63.5 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 101.220 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

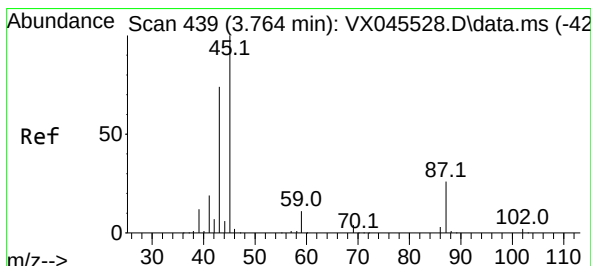
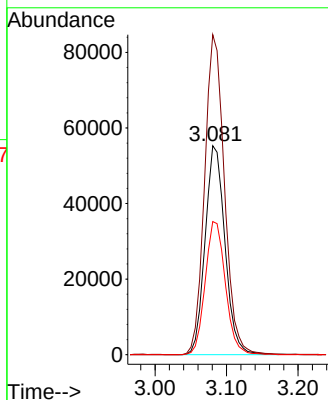
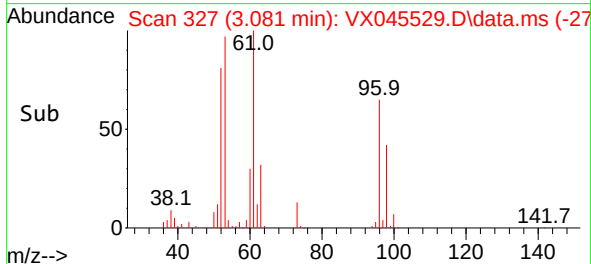
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 106890
Ion Ratio Lower Upper
96 100
61 153.1 121.0 181.6
98 63.7 49.7 74.5

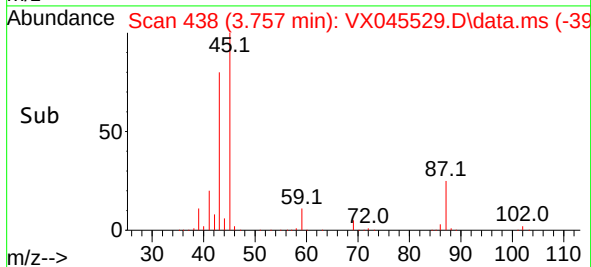
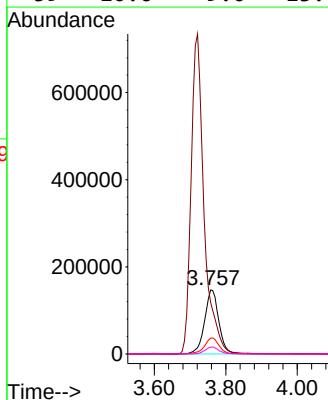
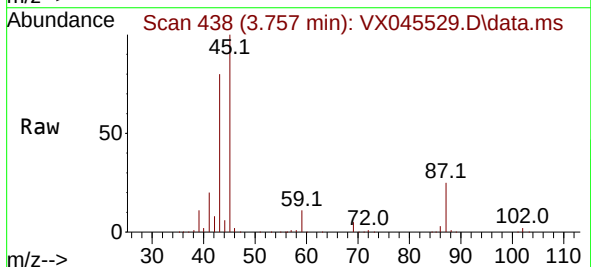
Manual Integrations
APPROVED

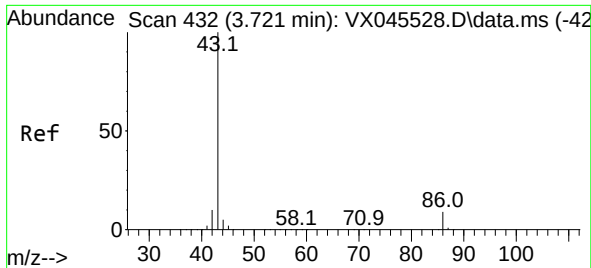
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#22
Diisopropyl ether
Concen: 105.132 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 45 Resp: 406185
Ion Ratio Lower Upper
45 100
43 80.1 59.3 88.9
87 24.7 20.4 30.6
59 10.6 9.0 13.6





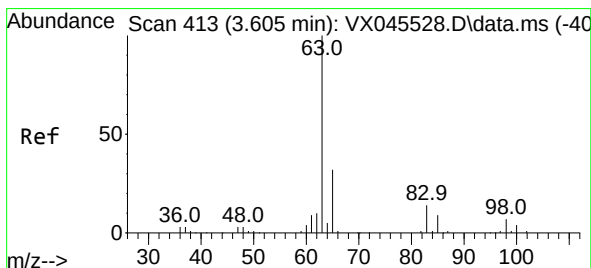
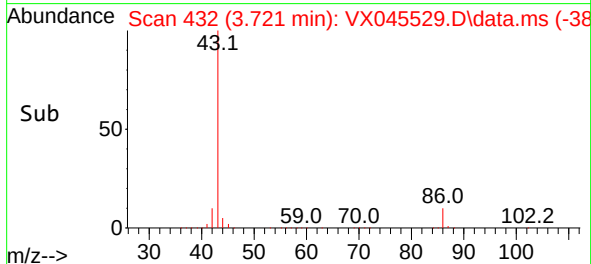
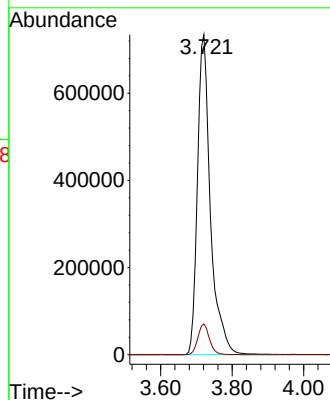
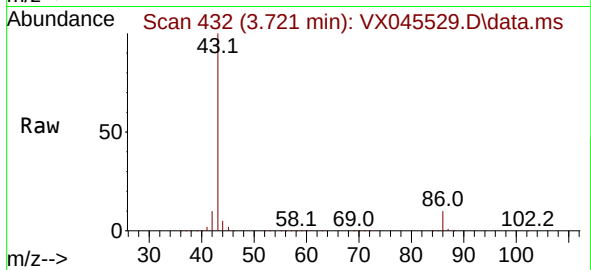
#23
 Vinyl Acetate
 Concen: 553.853 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 184881
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3

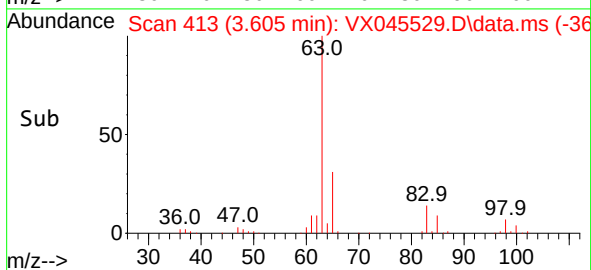
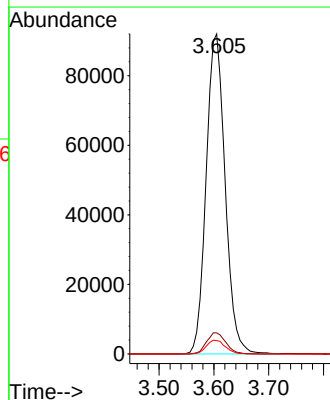
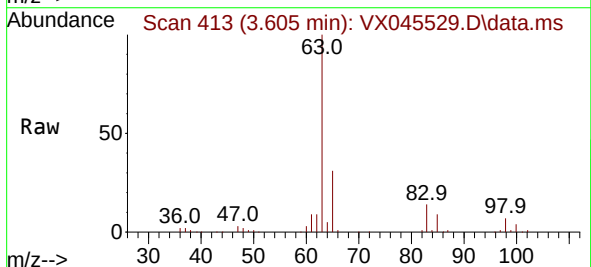
Manual Integrations
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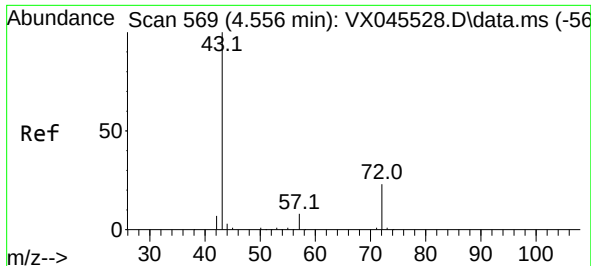
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#24
 1,1-Dichloroethane
 Concen: 101.114 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

Tgt Ion: 63 Resp: 220934
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.2 2.2 6.6





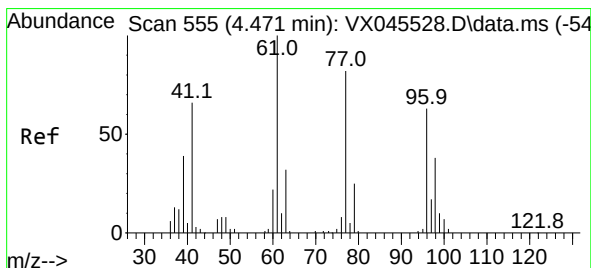
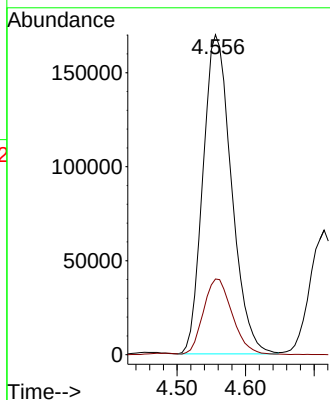
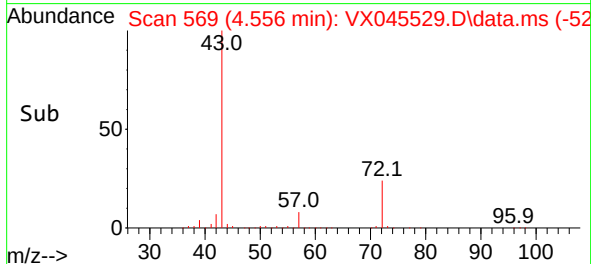
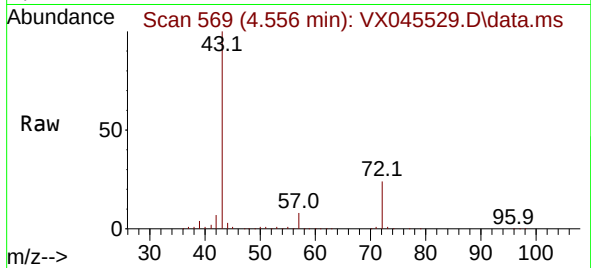
#25
2-Butanone
Concen: 519.018 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 491249
Ion Ratio Lower Upper
43 100
72 23.5 18.6 28.0

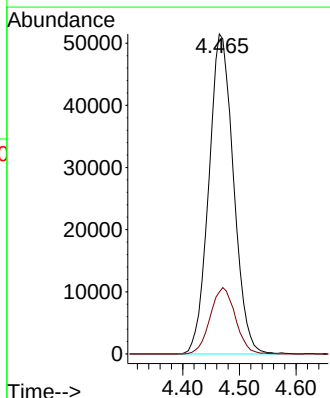
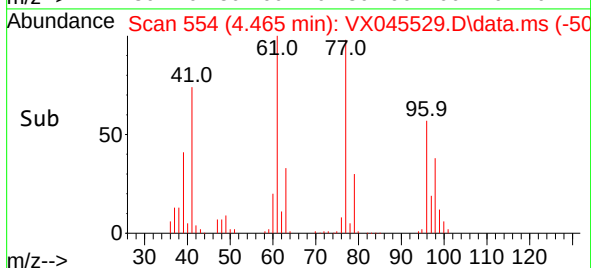
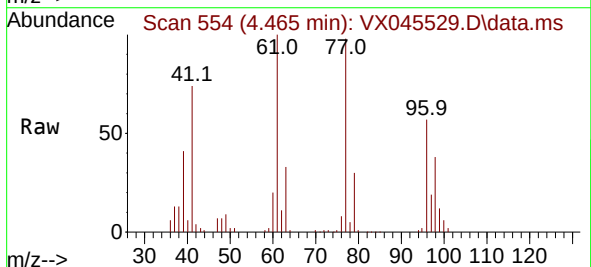
Manual Integrations
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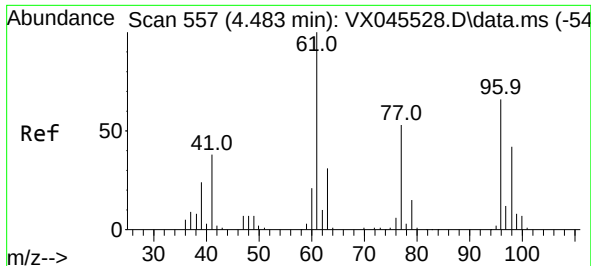
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 110.215 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 77 Resp: 155592
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 100.871 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 12978

Ion Ratio Lower Upper

96 100

61 159.4 0.0 313.2

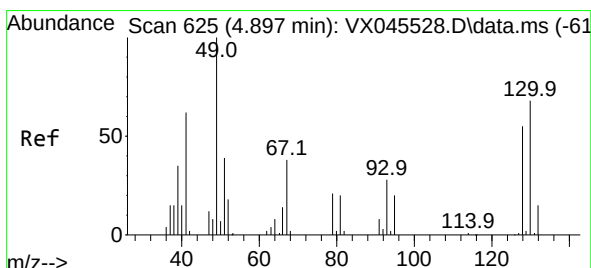
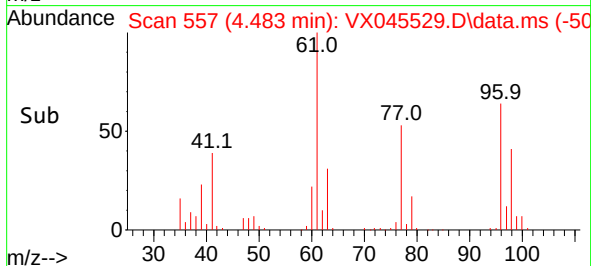
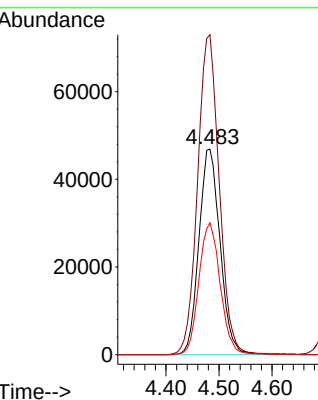
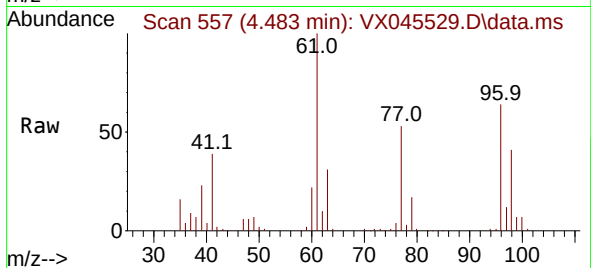
98 64.7 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 99.530 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

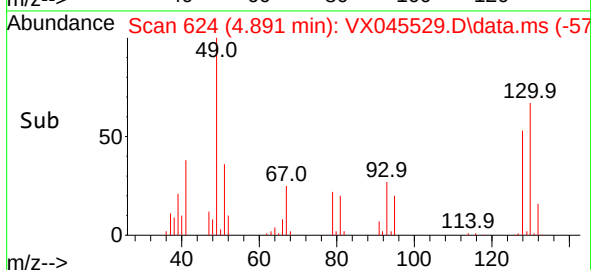
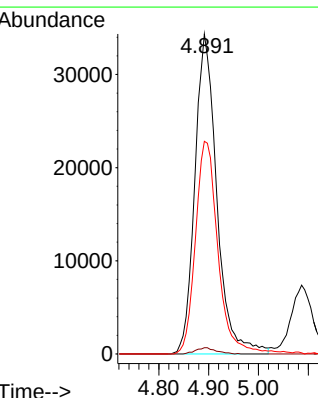
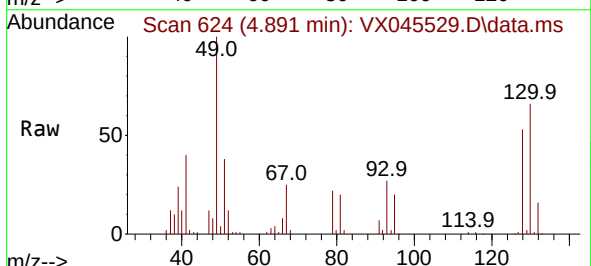
Tgt Ion: 49 Resp: 105093

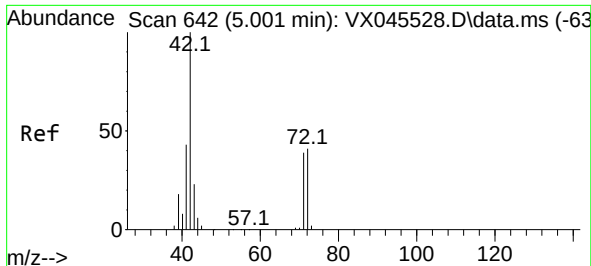
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 68.4 54.6 81.8





#29

Tetrahydrofuran

Concen: 510.264 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 31312

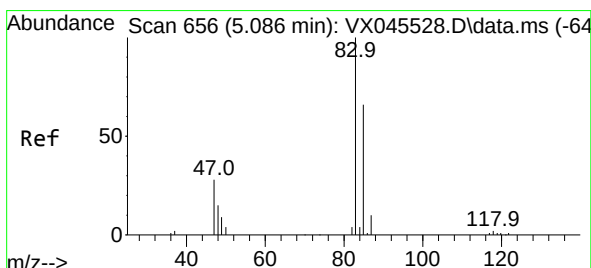
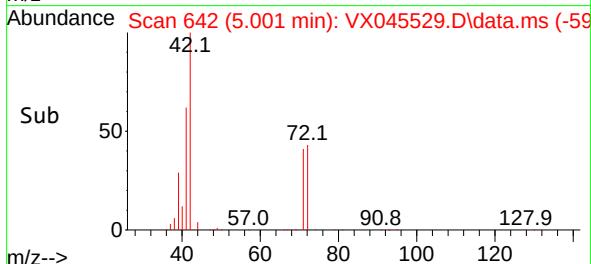
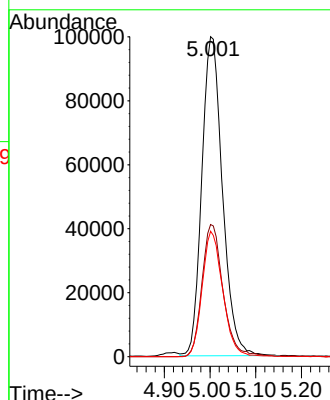
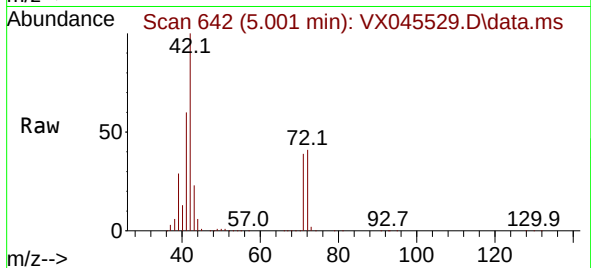
Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.4	50.0
71	39.1	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#30

Chloroform

Concen: 100.255 ug/l

RT: 5.086 min Scan# 656

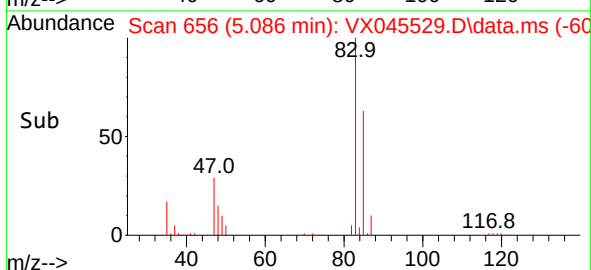
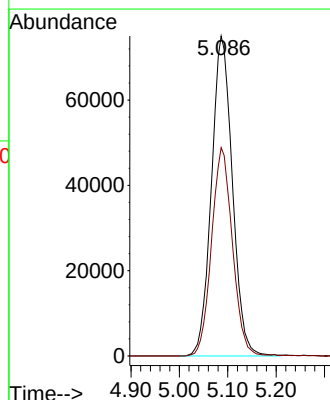
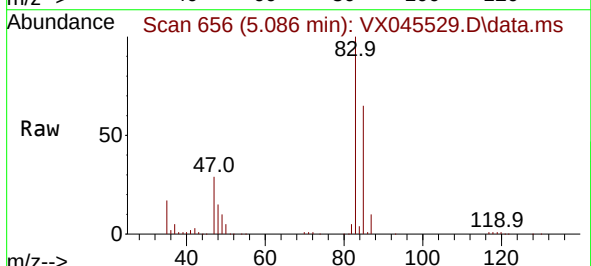
Delta R.T. 0.000 min

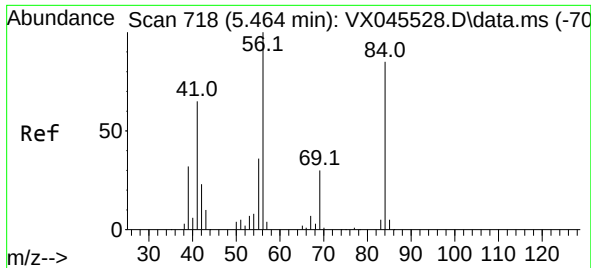
Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Tgt Ion: 83 Resp: 225402

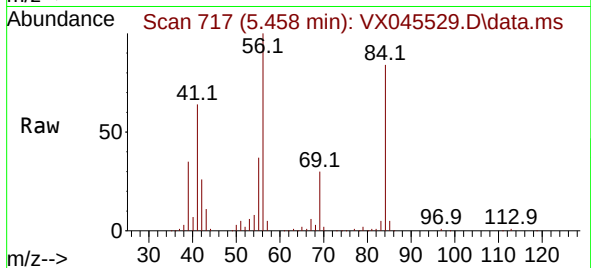
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.8	79.2





#31
Cyclohexane
Concen: 102.056 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

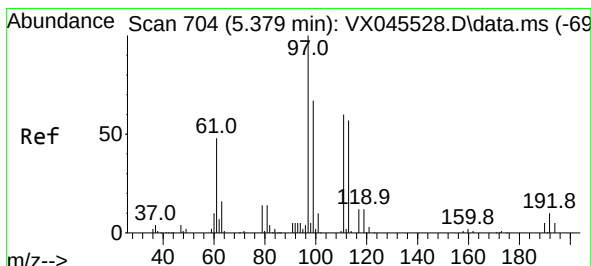
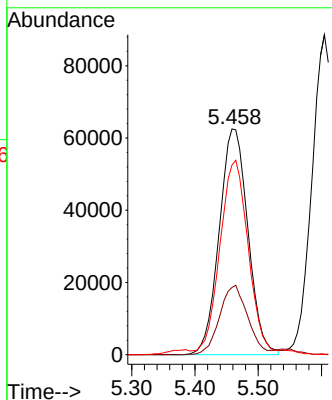
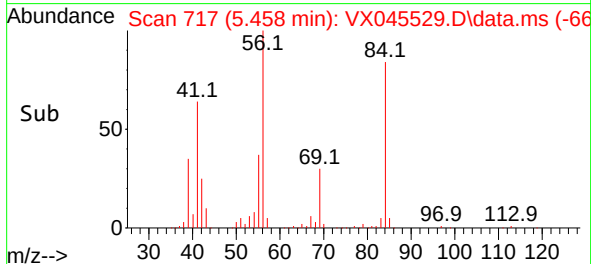
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 197130
Ion Ratio Lower Upper
56 100
69 29.8 23.6 35.4
84 82.1 67.7 101.5

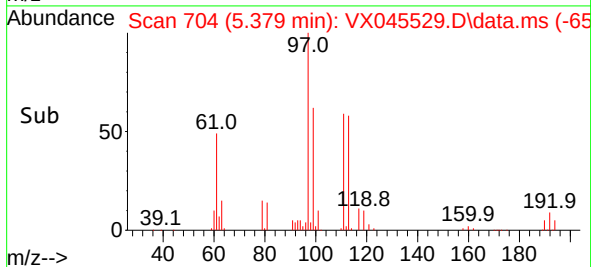
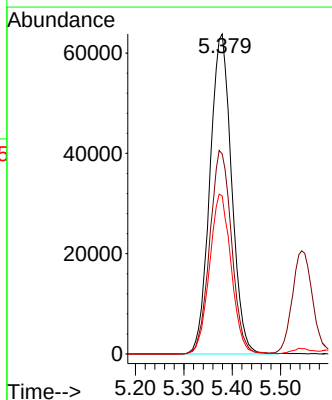
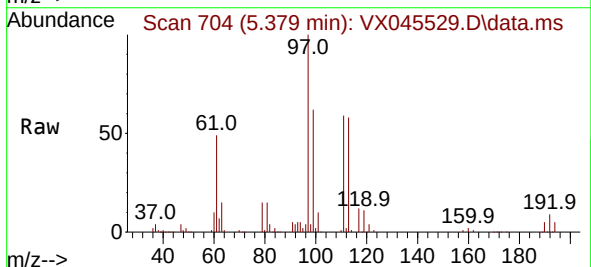
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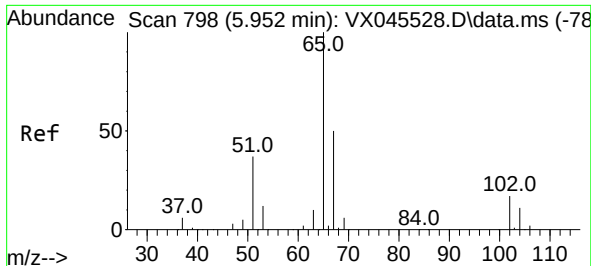
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#32
1,1,1-Trichloroethane
Concen: 104.346 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 97 Resp: 198511
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 50.2 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 98.914 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 15575

Ion Ratio Lower Upper

65 100

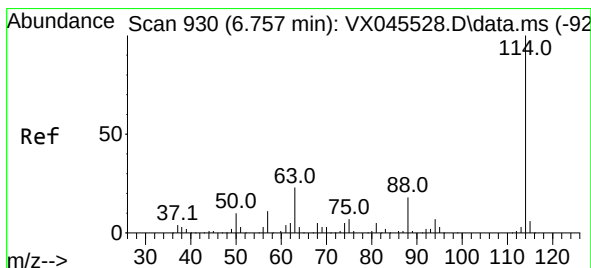
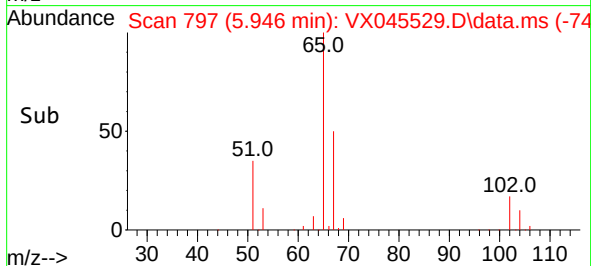
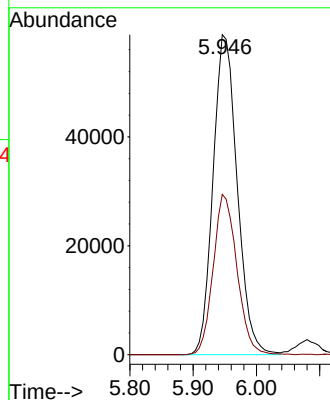
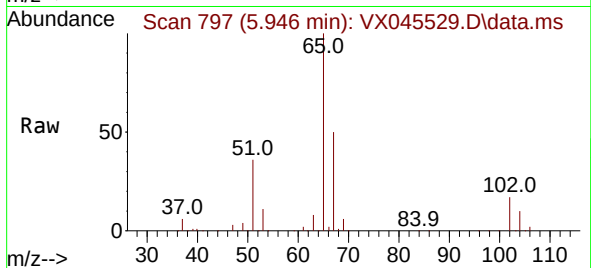
67 49.3 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

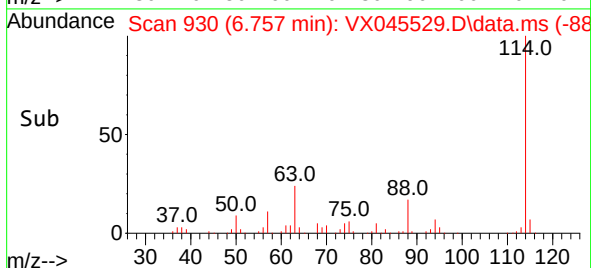
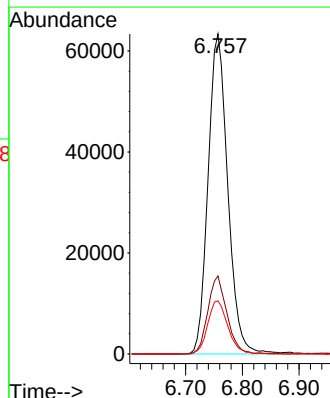
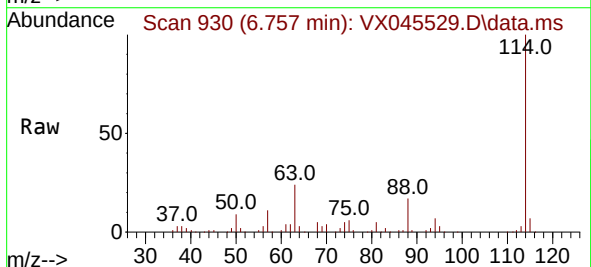
Tgt Ion:114 Resp: 152724

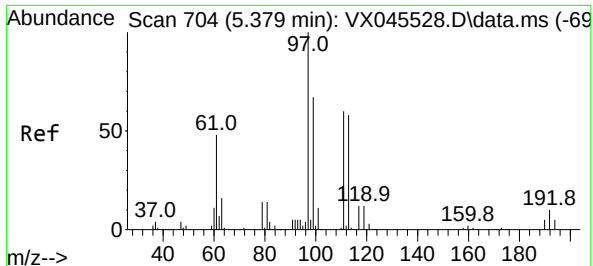
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

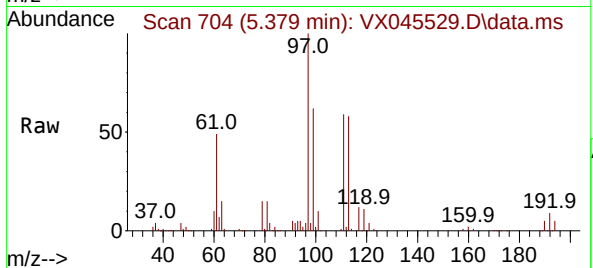
88 16.6 0.0 35.4





#35
Dibromofluoromethane
Concen: 99.585 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

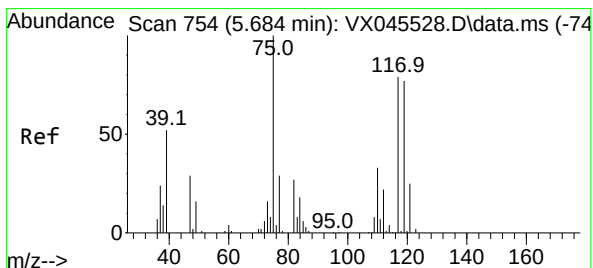
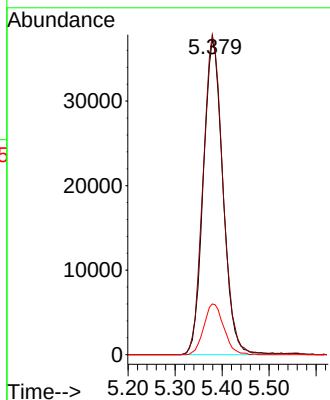
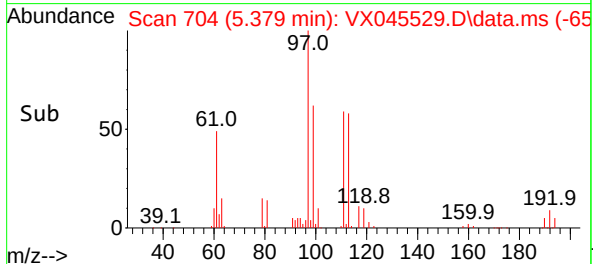
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 113 Resp: 107908
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 16.4 13.8 20.6

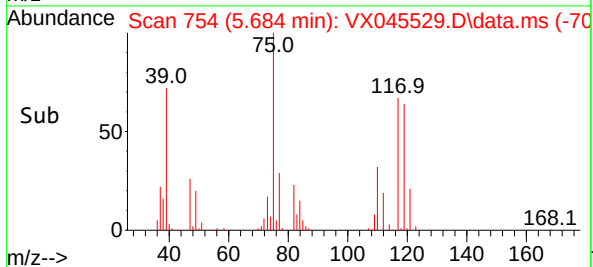
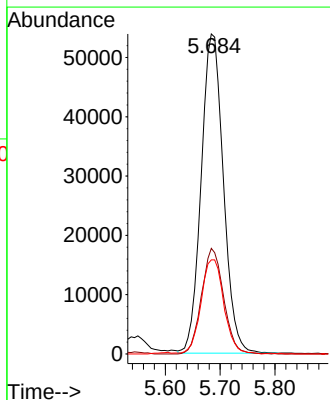
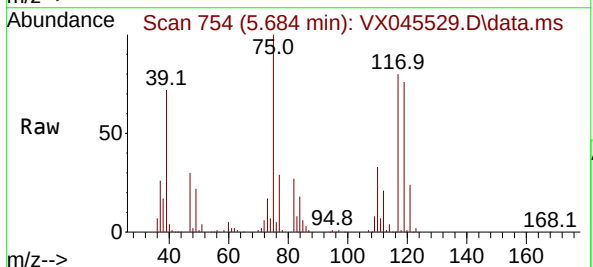
Manual Integrations
APPROVED

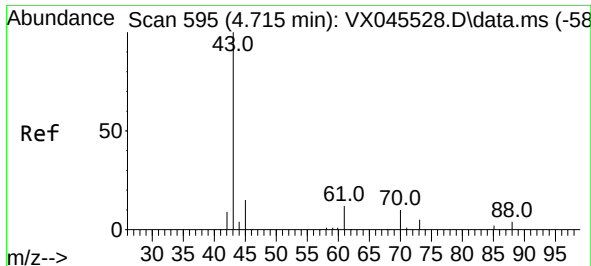
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#36
1,1-Dichloropropene
Concen: 103.515 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 151448
Ion Ratio Lower Upper
75 100
110 32.8 16.9 50.6
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 104.207 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 192130

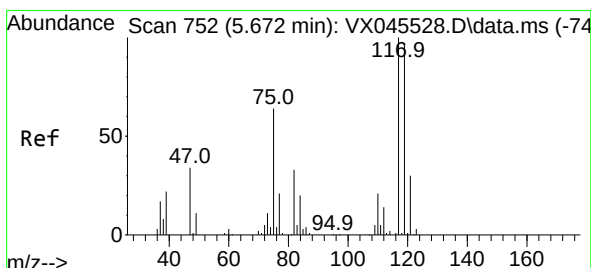
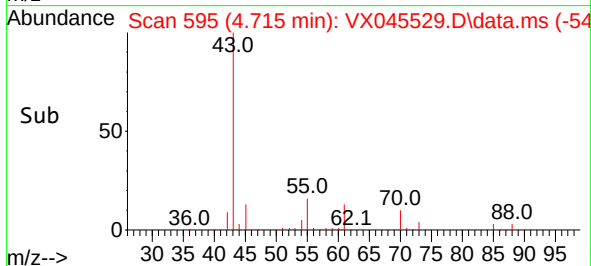
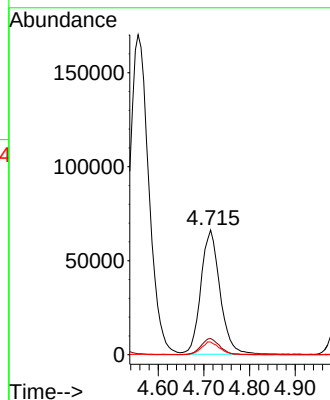
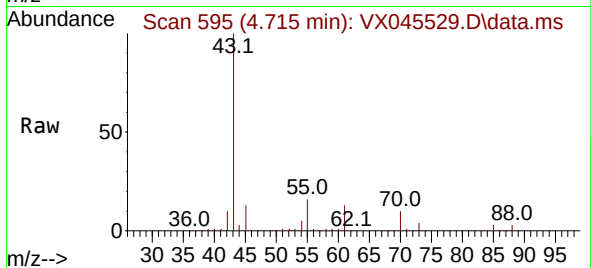
Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	9.8	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#38

Carbon Tetrachloride

Concen: 105.278 ug/l

RT: 5.672 min Scan# 752

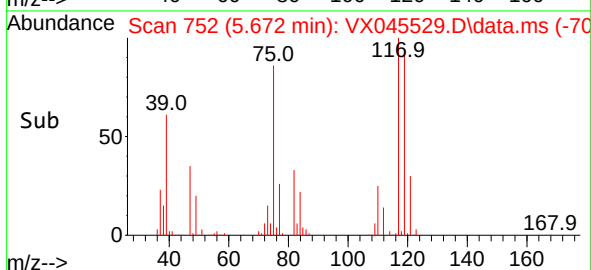
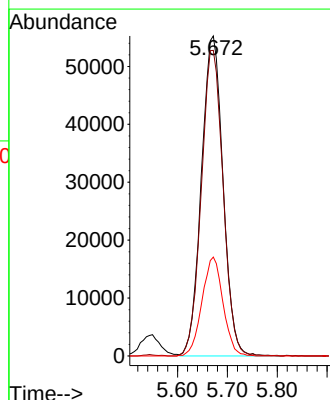
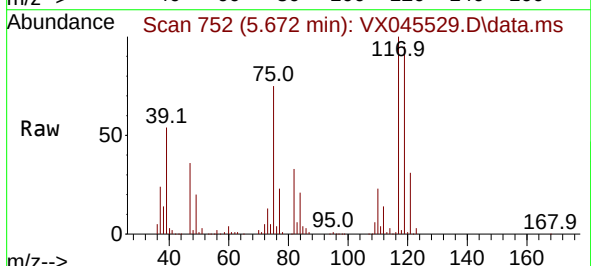
Delta R.T. 0.000 min

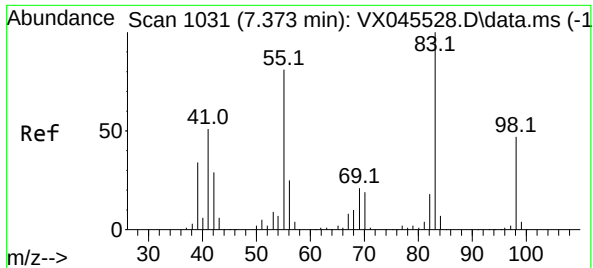
Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Tgt Ion:117 Resp: 166465

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.9	115.3
121	30.9	24.2	36.2





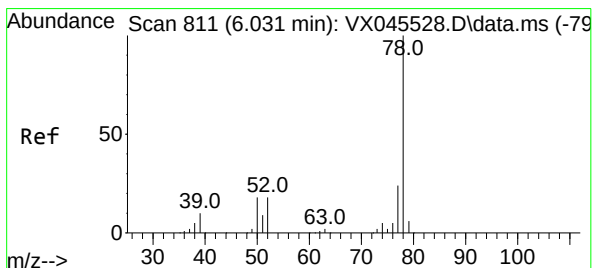
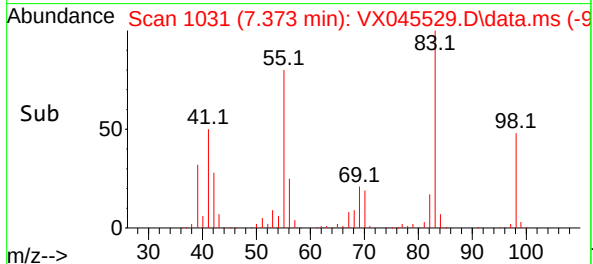
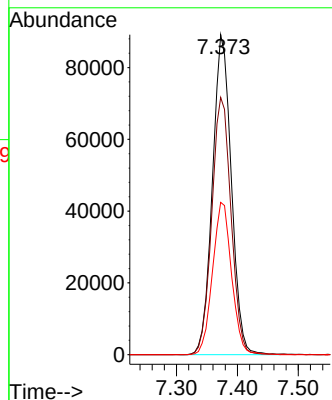
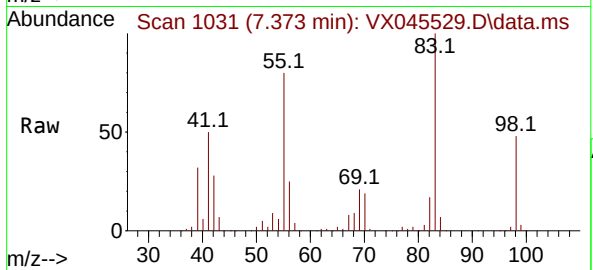
#39
Methylcyclohexane
Concen: 106.921 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 191752
Ion Ratio Lower Upper
83 100
55 80.4 64.9 97.3
98 47.6 37.4 56.0

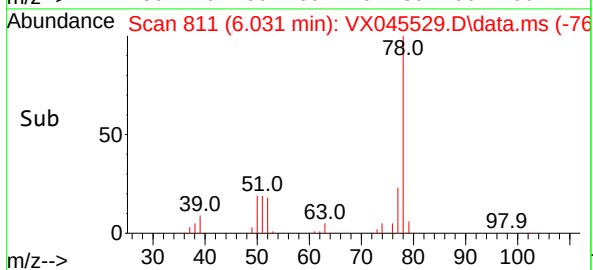
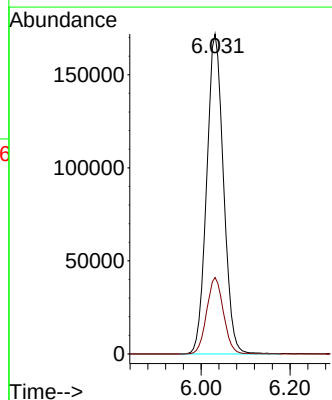
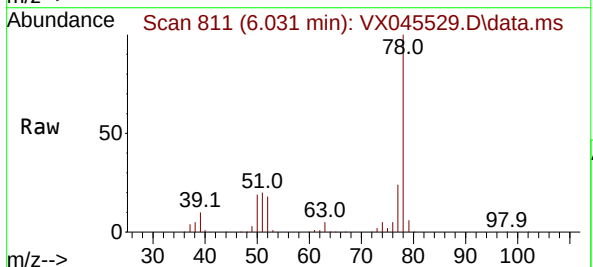
Manual Integrations
APPROVED

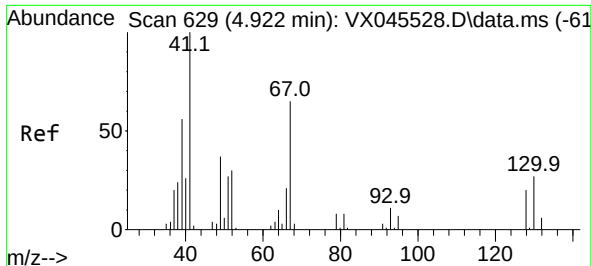
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#40
Benzene
Concen: 101.369 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

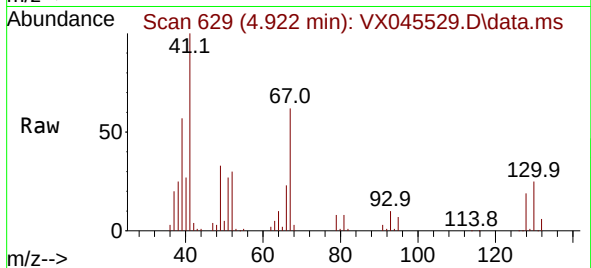
Tgt Ion: 78 Resp: 452946
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 109.068 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

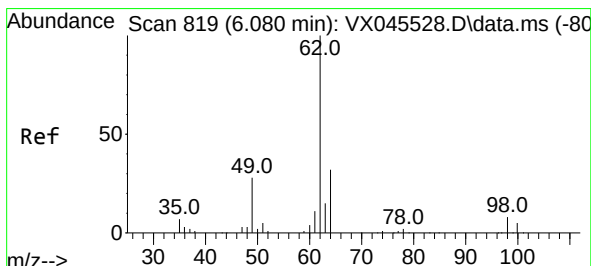
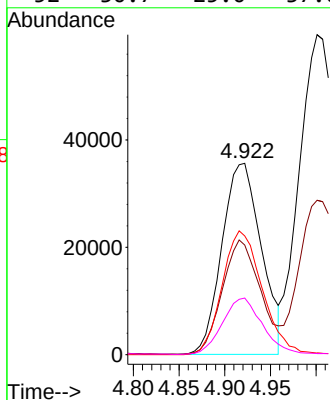
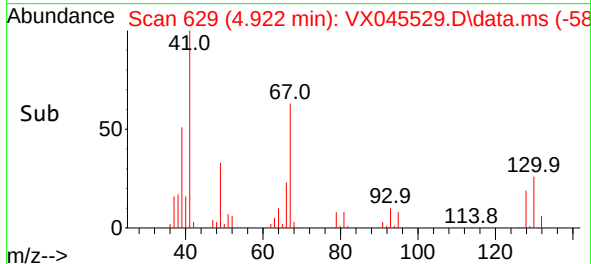
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



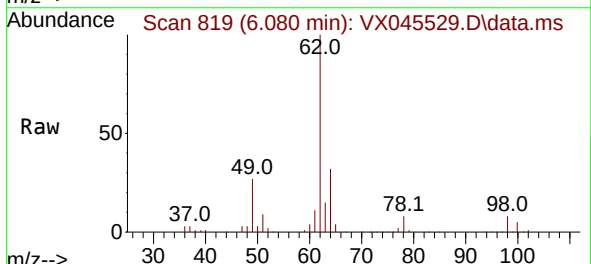
Tgt Ion: 41 Resp: 10703
Ion Ratio Lower Upper
41 100
39 57.9 47.0 70.6
67 66.2 53.2 79.8
52 30.7 25.0 37.6

Manual Integrations
APPROVED

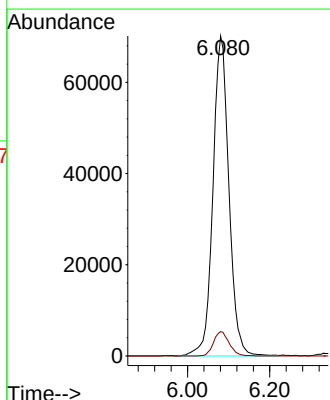
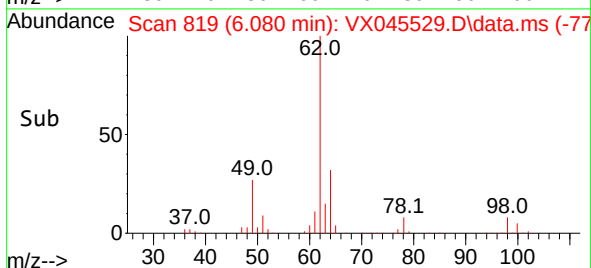
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

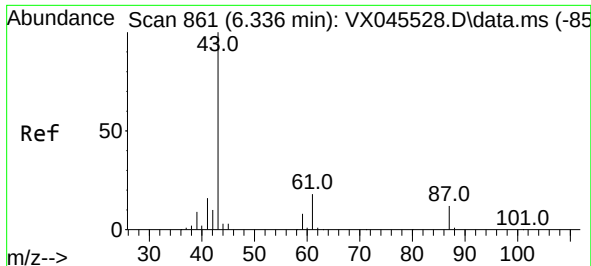


#42
1,2-Dichloroethane
Concen: 102.696 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38



Tgt Ion: 62 Resp: 189528
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





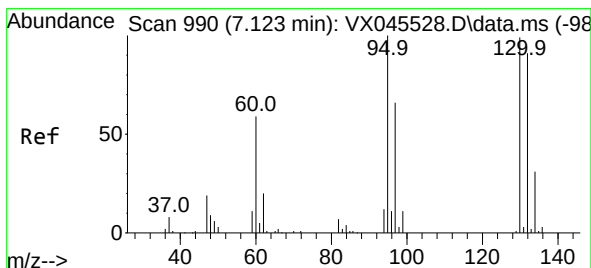
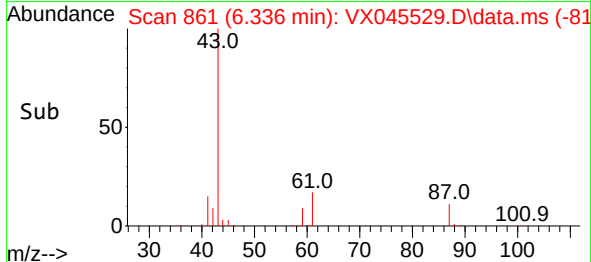
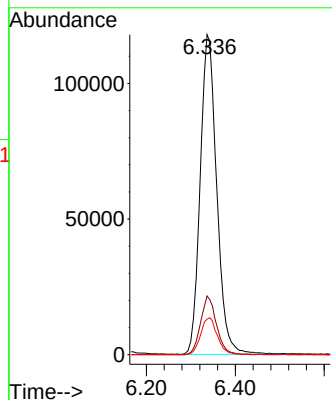
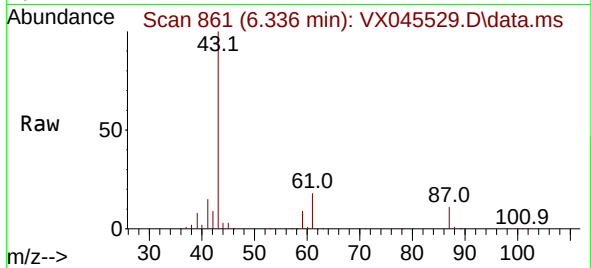
#43
Isopropyl Acetate
Concen: 109.494 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 305974
Ion Ratio Lower Upper
43 100
61 17.6 14.1 21.1
87 11.6 9.2 13.8

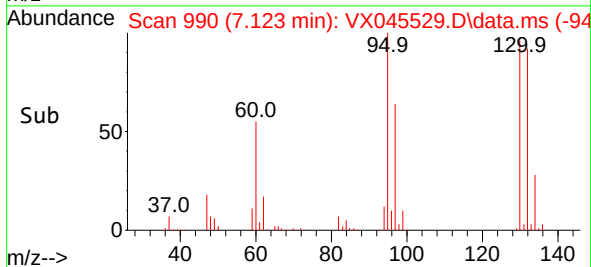
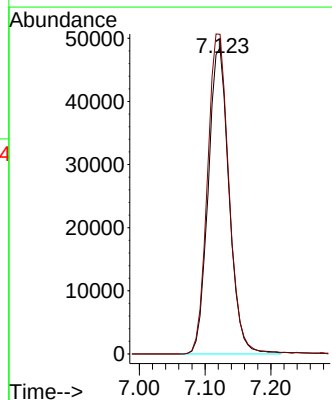
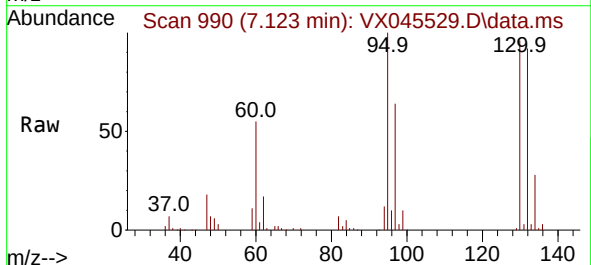
Manual Integrations
APPROVED

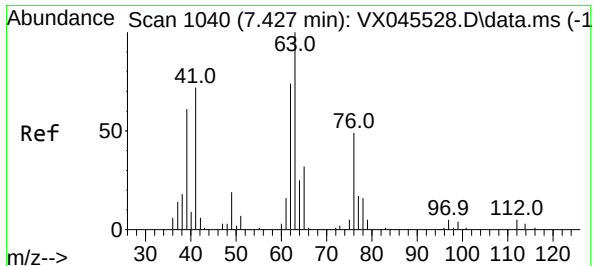
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#44
Trichloroethene
Concen: 101.062 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:130 Resp: 107332
Ion Ratio Lower Upper
130 100
95 104.4 0.0 202.0





#45

1,2-Dichloropropane

Concen: 103.806 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 11573

Ion Ratio Lower Upper

63 100

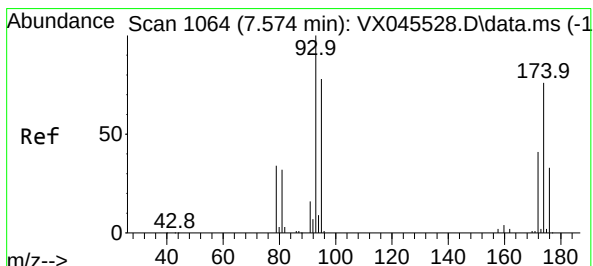
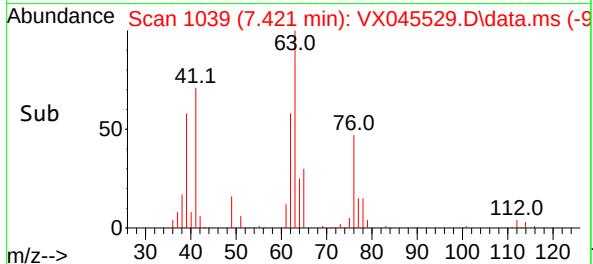
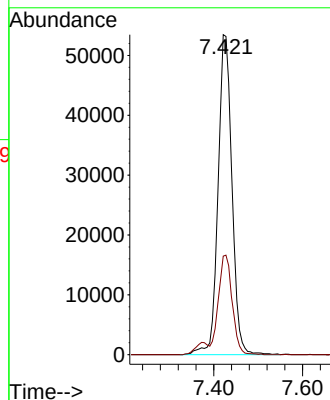
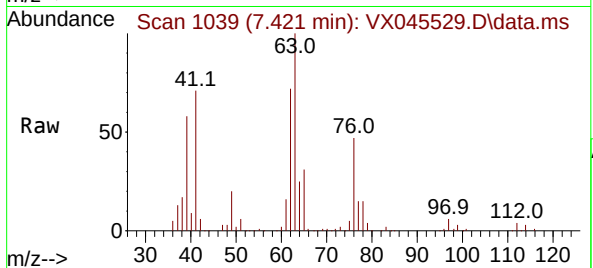
65 30.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#46

Dibromomethane

Concen: 102.101 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

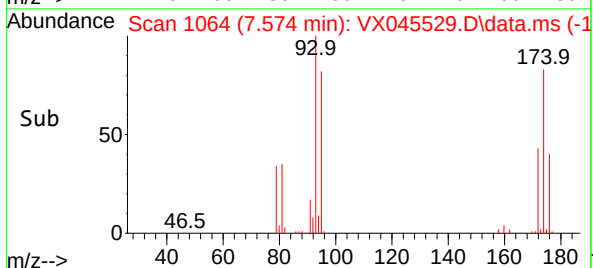
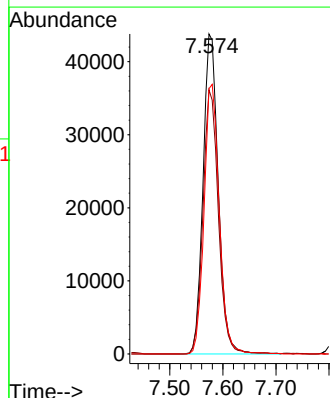
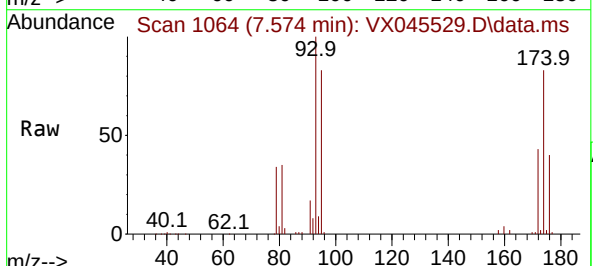
Tgt Ion: 93 Resp: 87381

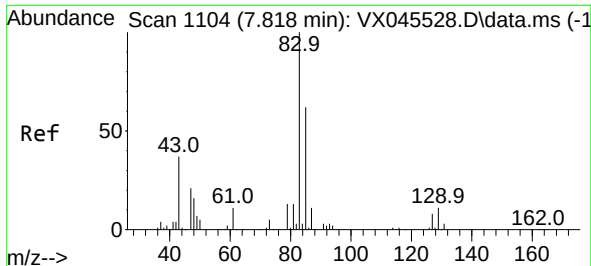
Ion Ratio Lower Upper

93 100

95 83.4 64.8 97.2

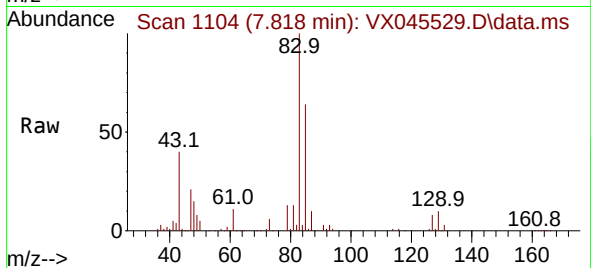
174 84.4 65.4 98.0





#47
Bromodichloromethane
Concen: 104.886 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

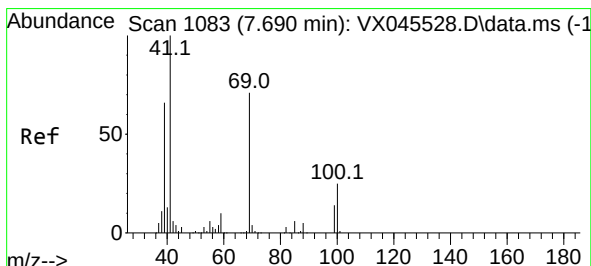
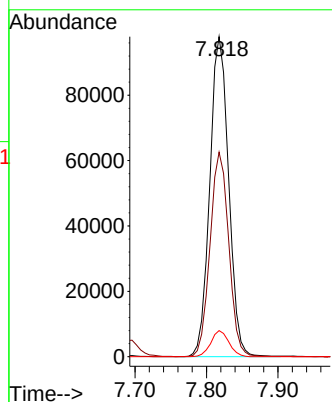
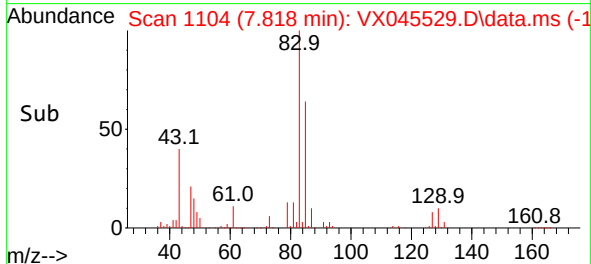
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 17926
Ion Ratio Lower Upper
83 100
85 63.8 49.7 74.5
127 8.2 6.1 9.1

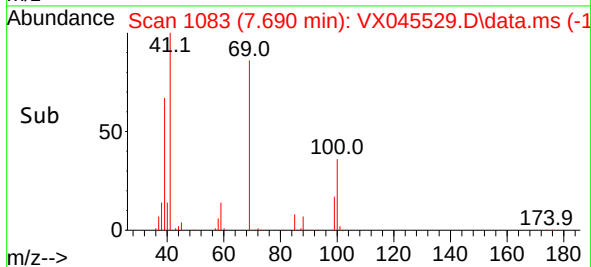
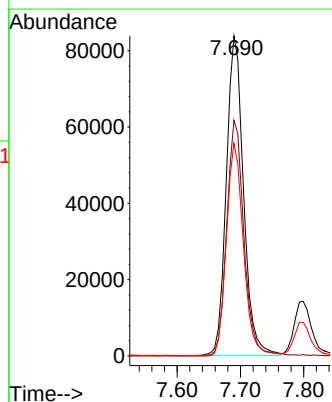
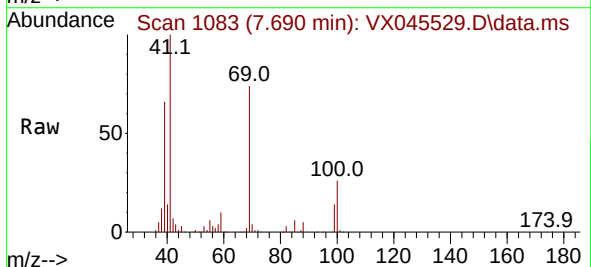
Manual Integrations
APPROVED

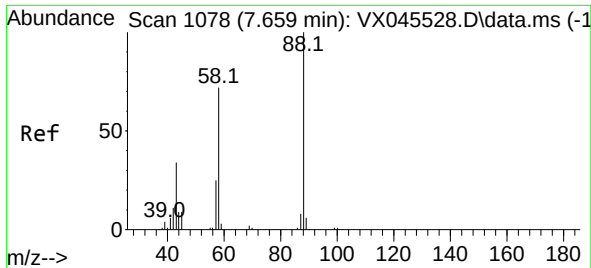
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#48
Methyl methacrylate
Concen: 109.675 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

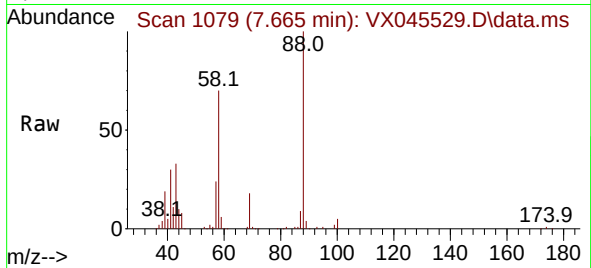
Tgt Ion: 41 Resp: 158241
Ion Ratio Lower Upper
41 100
69 73.5 58.2 87.2
39 65.9 53.6 80.4





#49
1,4-Dioxane
Concen: 2015.906 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

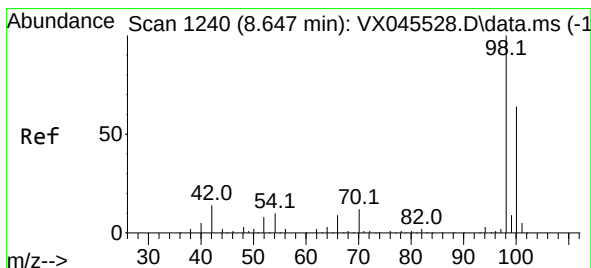
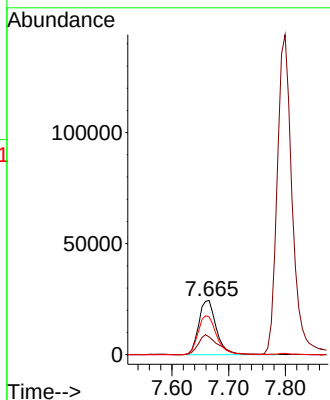
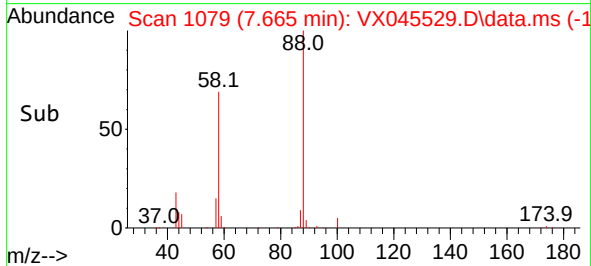
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 52624
Ion Ratio Lower Upper
88 100
43 42.4 32.2 48.4
58 75.5 58.6 88.0

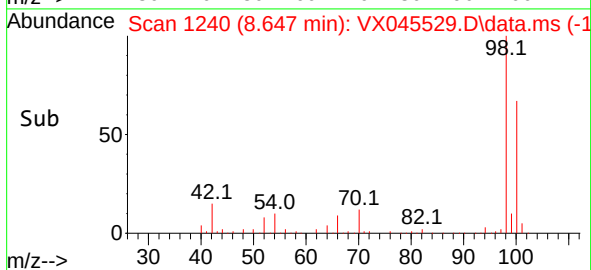
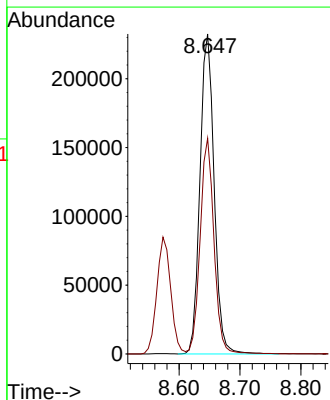
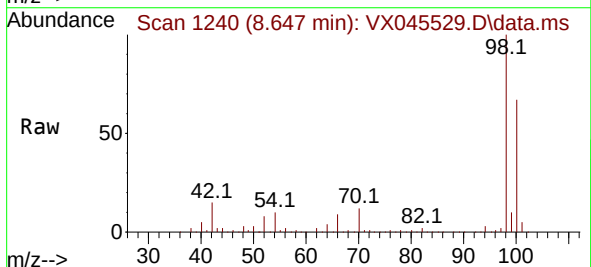
Manual Integrations
APPROVED

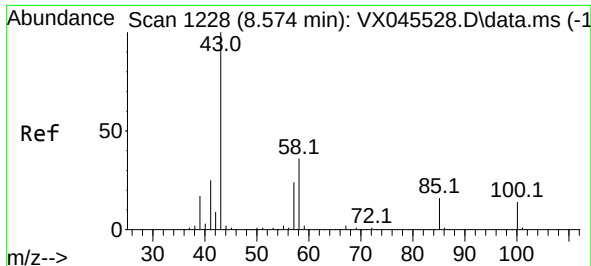
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#50
Toluene-d8
Concen: 99.309 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

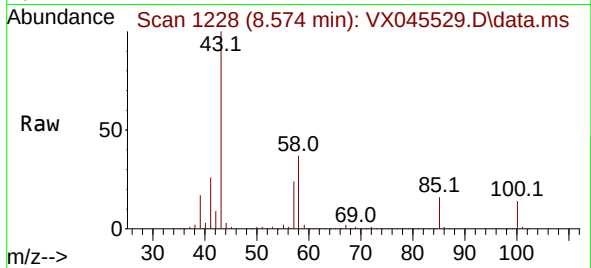
Tgt Ion: 98 Resp: 375599
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 533.814 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

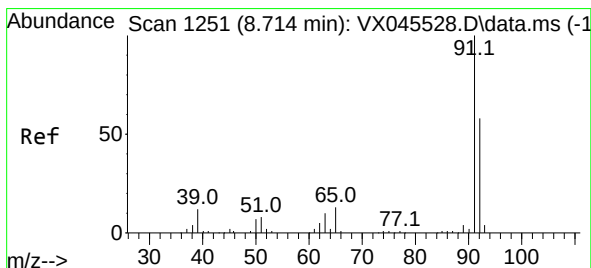
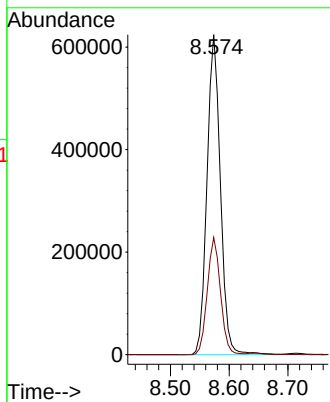
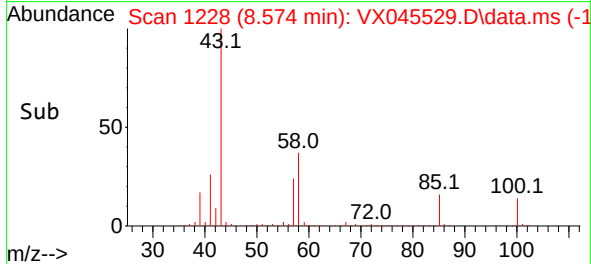
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 98888
Ion Ratio Lower Upper
43 100
58 36.1 28.5 42.7

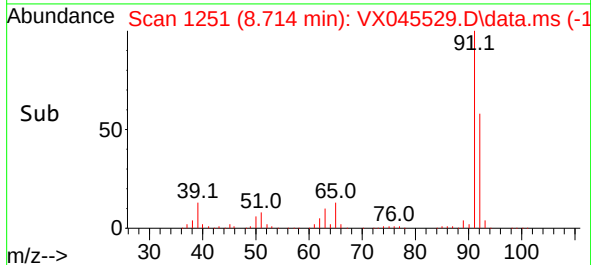
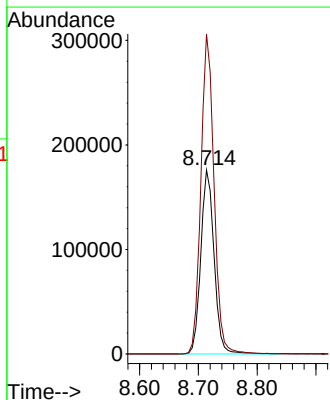
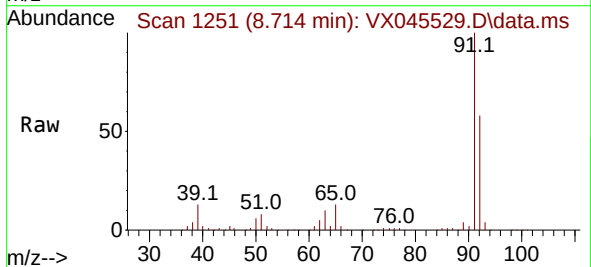
Manual Integrations
APPROVED

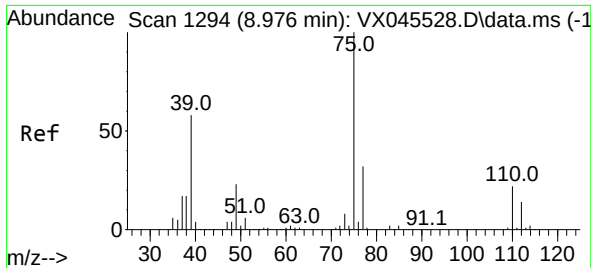
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 102.199 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

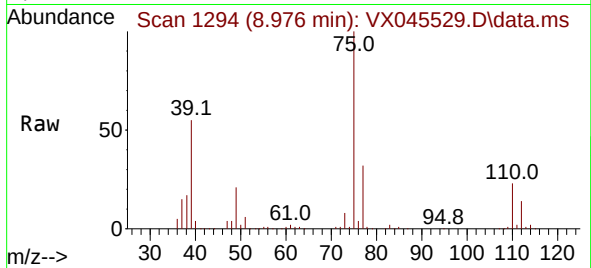
Tgt Ion: 92 Resp: 276323
Ion Ratio Lower Upper
92 100
91 172.5 138.7 208.1





#53
t-1,3-Dichloropropene
Concen: 100.645 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

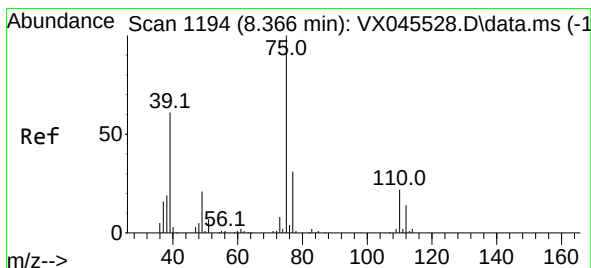
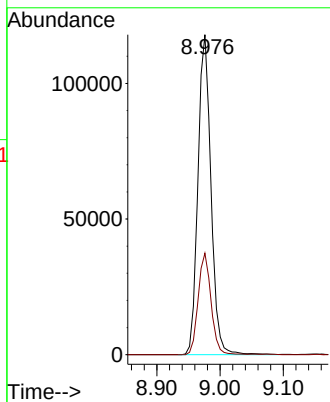
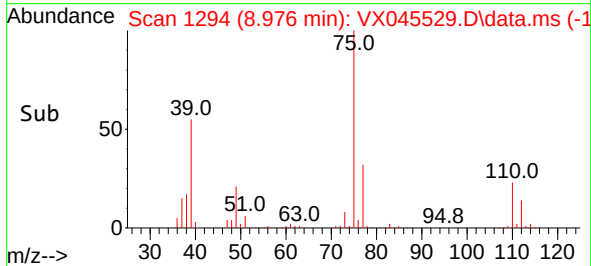
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 16941
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

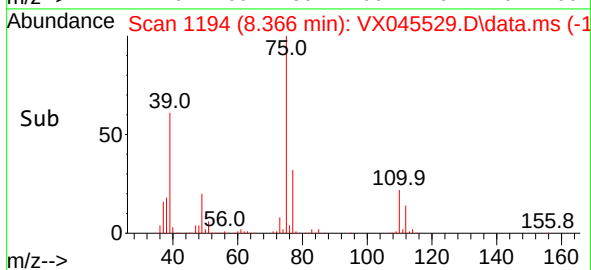
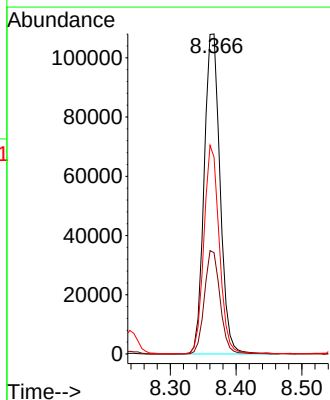
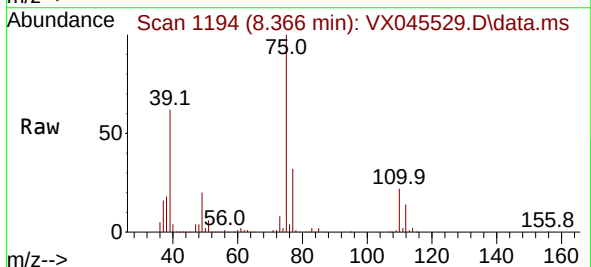
Manual Integrations
APPROVED

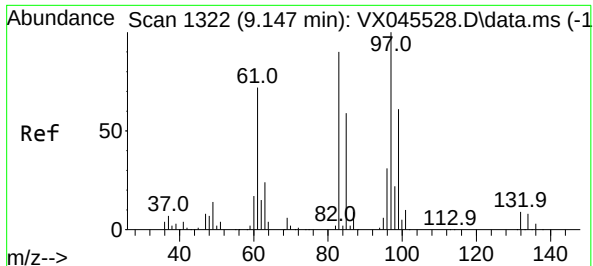
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#54
cis-1,3-Dichloropropene
Concen: 113.521 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 182328
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8
39 61.4 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 101.361 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 97 Resp: 109208

Ion Ratio Lower Upper

97 100

83 90.8 71.8 107.8

85 58.2 47.0 70.6

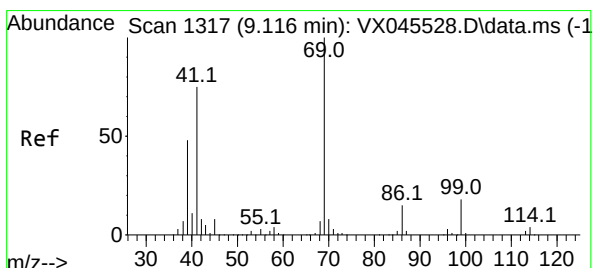
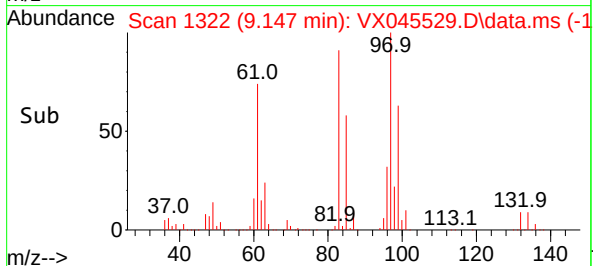
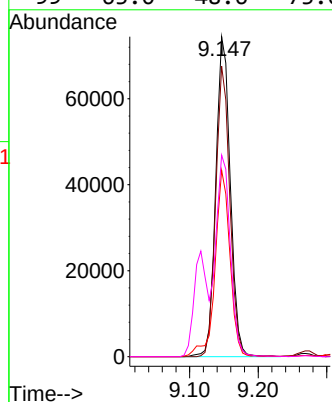
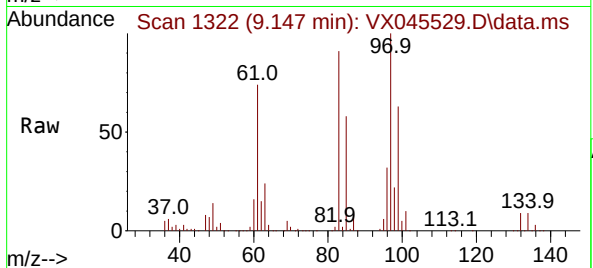
99 63.0 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#56

Ethyl methacrylate

Concen: 115.168 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

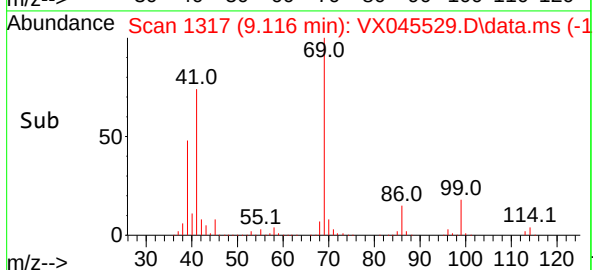
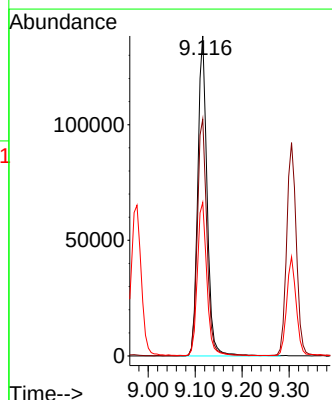
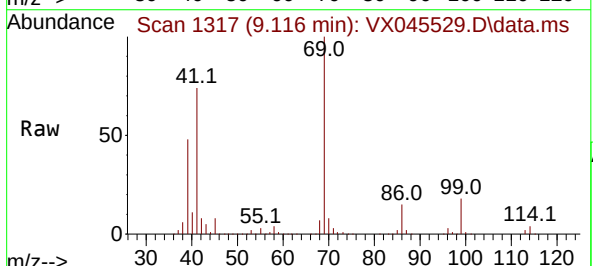
Tgt Ion: 69 Resp: 192034

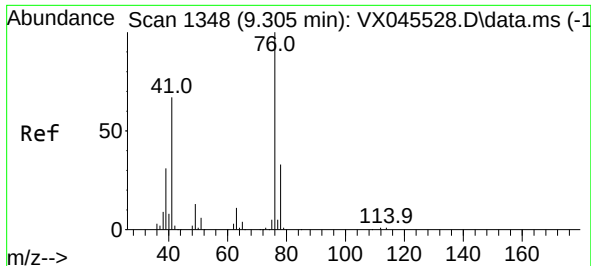
Ion Ratio Lower Upper

69 100

41 76.5 61.3 91.9

39 49.0 40.2 60.2





#57

1,3-Dichloropropane

Concen: 102.588 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 19247

Ion Ratio Lower Upper

76 100

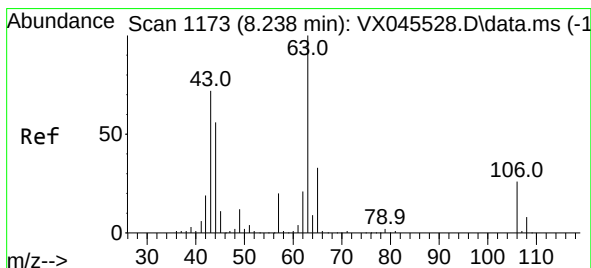
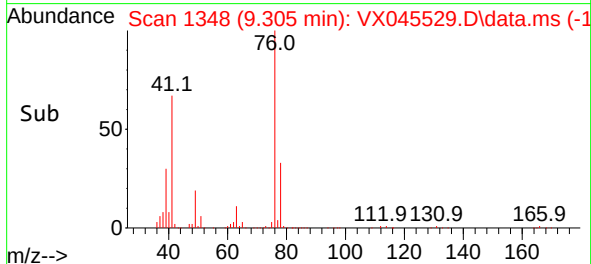
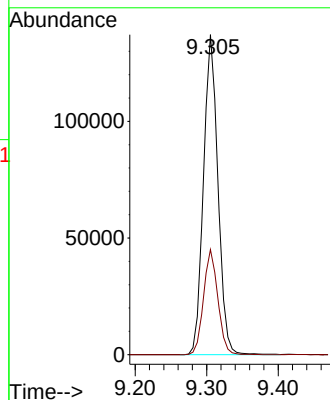
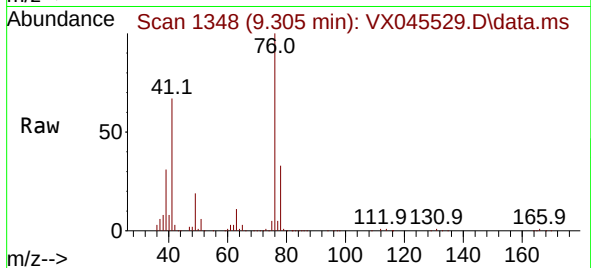
78 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 545.696 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045529.D

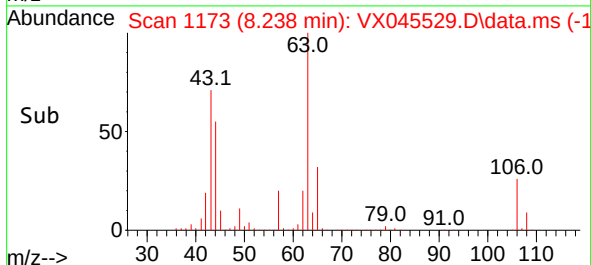
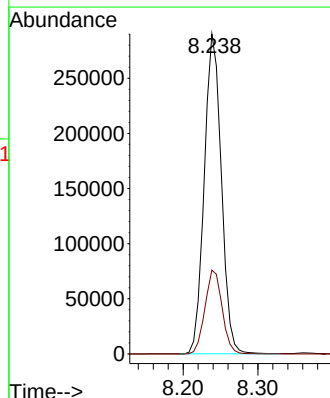
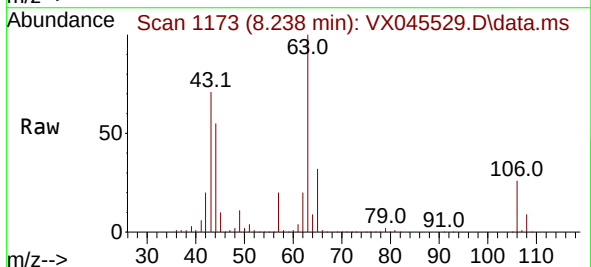
Acq: 01 Apr 2025 18:38

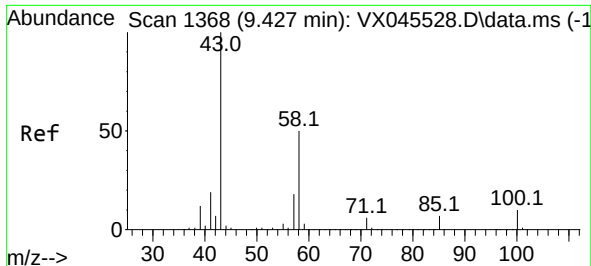
Tgt Ion: 63 Resp: 460297

Ion Ratio Lower Upper

63 100

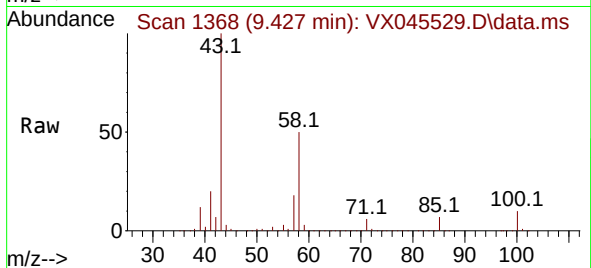
106 26.4 21.0 31.6





#59
2-Hexanone
Concen: 538.538 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

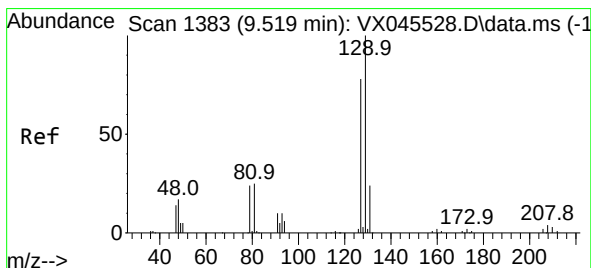
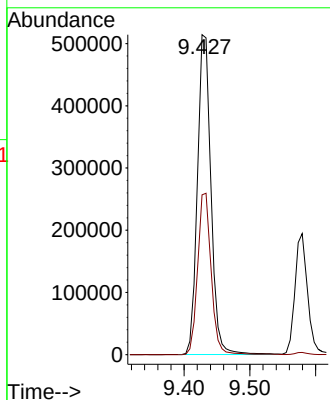
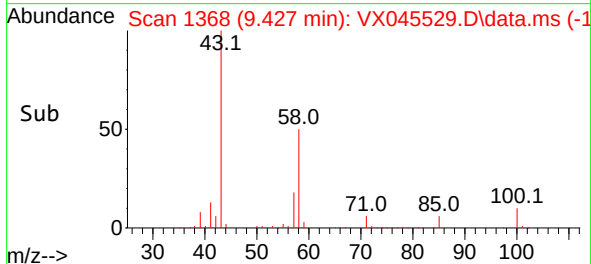
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 738772
Ion Ratio Lower Upper
43 100
58 50.3 24.9 74.6

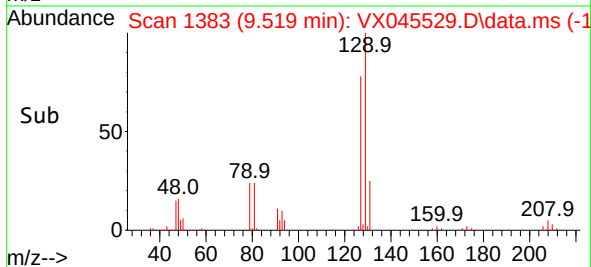
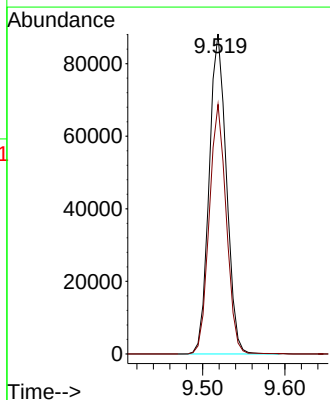
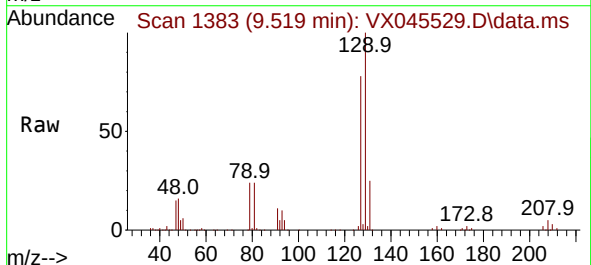
Manual Integrations
APPROVED

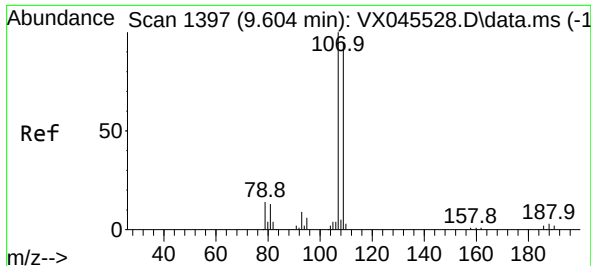
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#60
Dibromochloromethane
Concen: 109.570 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

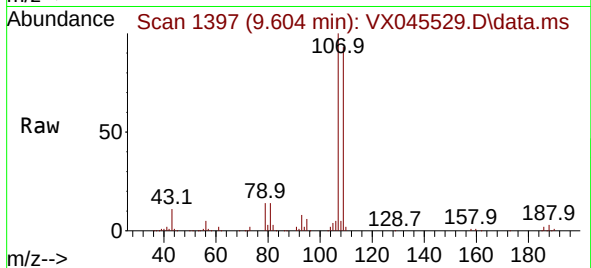
Tgt Ion:129 Resp: 128700
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 106.282 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

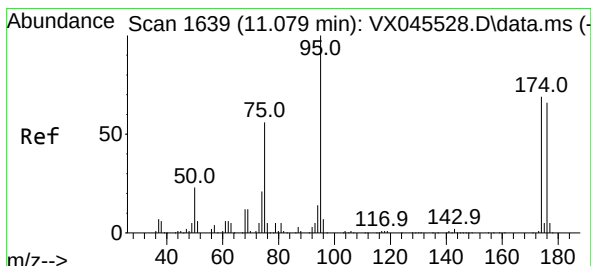
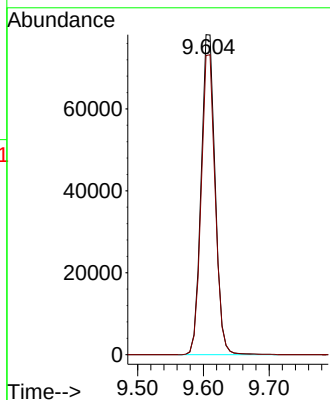
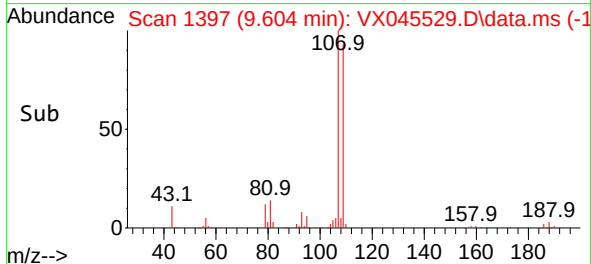
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 115919
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

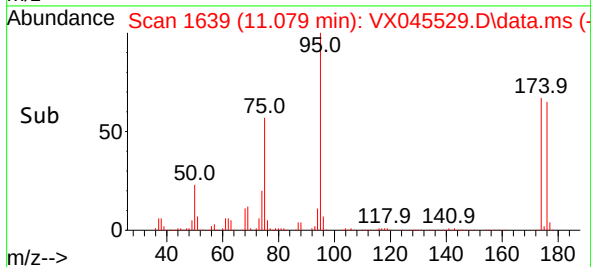
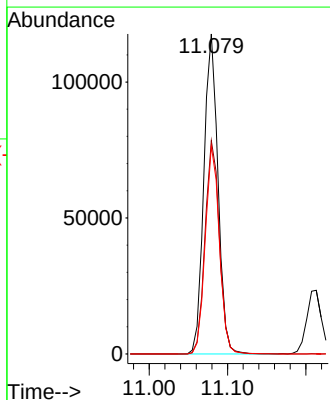
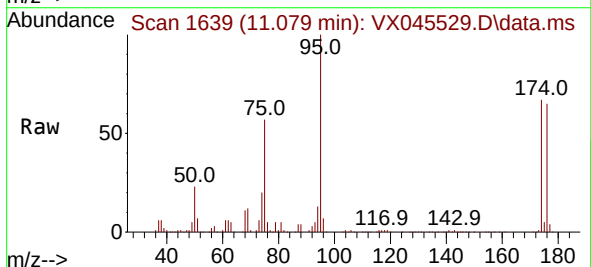
Manual Integrations
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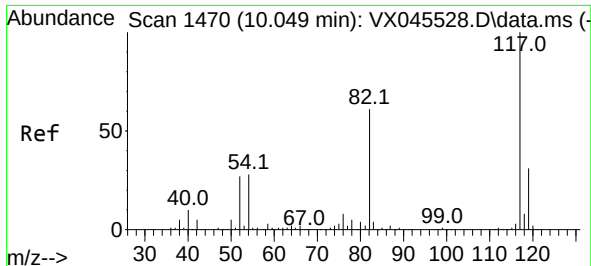
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#62
4-Bromofluorobenzene
Concen: 106.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

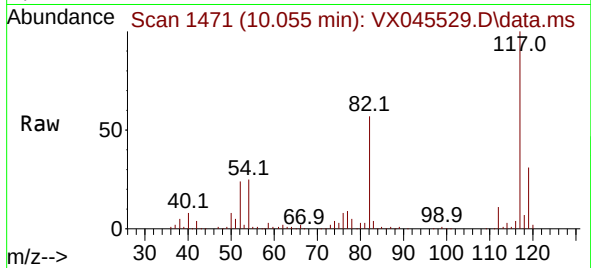
Tgt Ion: 95 Resp: 146944
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 64.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

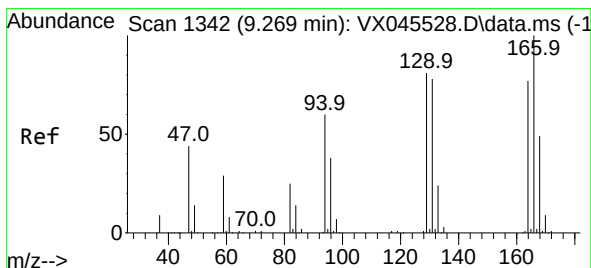
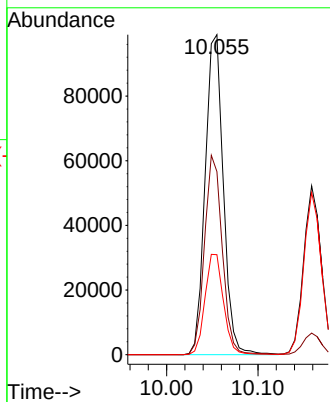
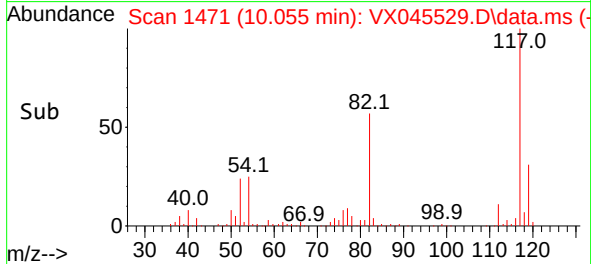
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 136369
Ion Ratio Lower Upper
117 100
82 57.2 49.2 73.8
119 31.2 25.1 37.7

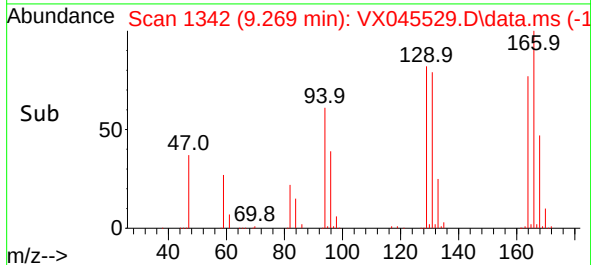
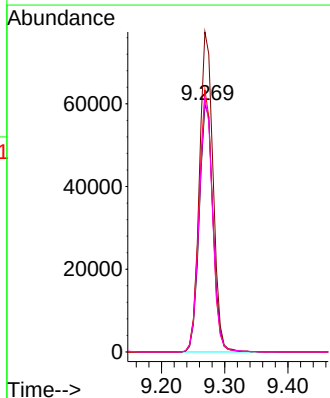
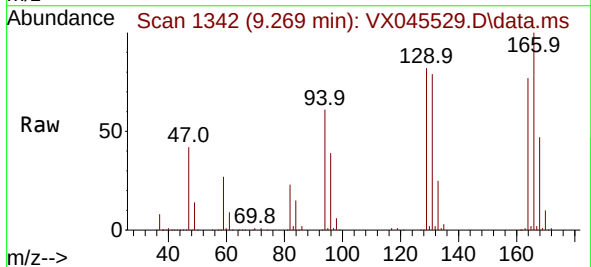
Manual Integrations
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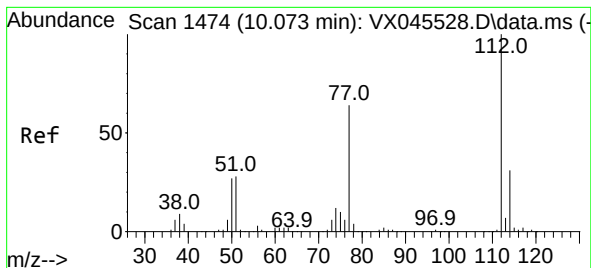
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#64
Tetrachloroethene
Concen: 94.325 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:164 Resp: 90817
Ion Ratio Lower Upper
164 100
166 129.3 103.8 155.8
129 105.9 84.3 126.5
131 102.5 80.9 121.3





#65

Chlorobenzene

Concen: 101.682 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:112 Resp: 296300

Ion Ratio Lower Upper

112 100

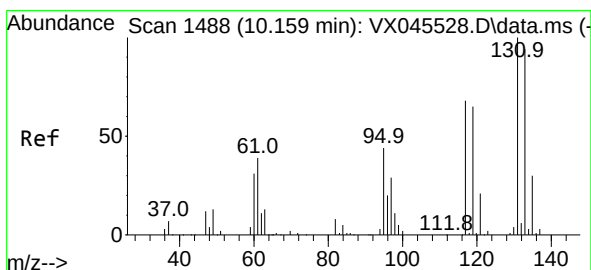
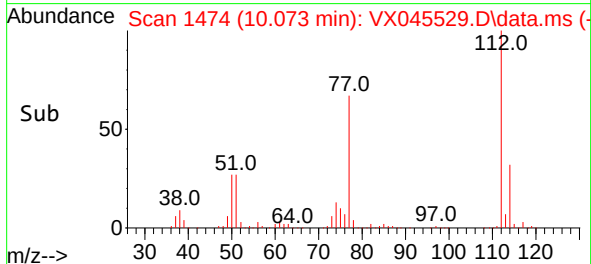
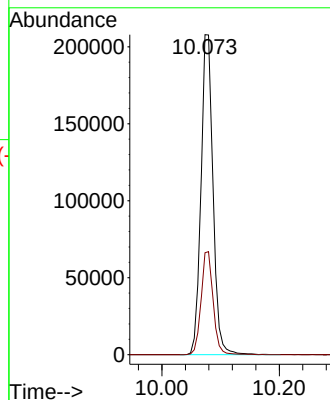
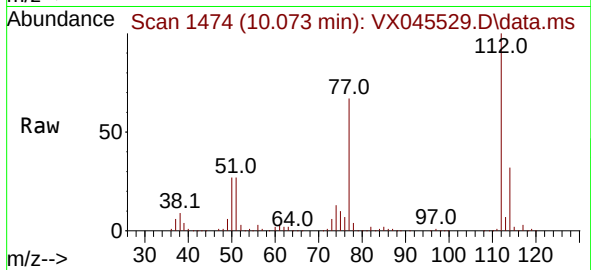
114 31.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 102.243 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

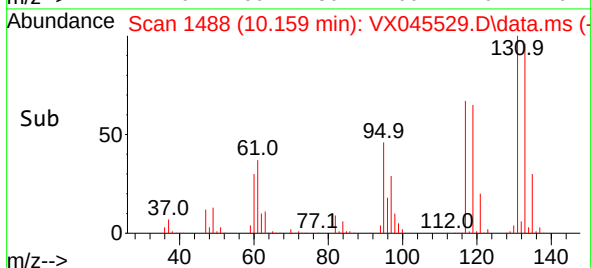
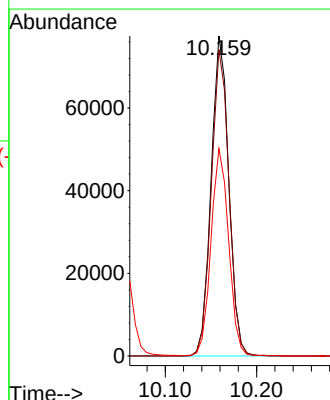
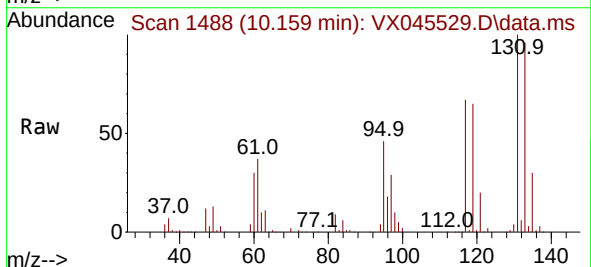
Tgt Ion:131 Resp: 103437

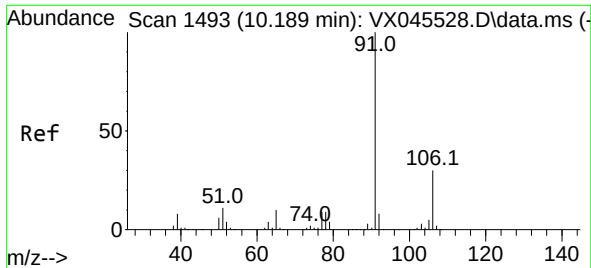
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.5

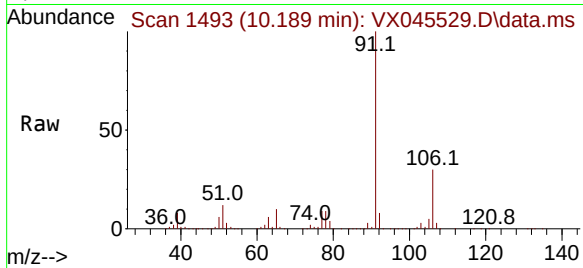
119 65.0 32.9 98.6





#67
Ethyl Benzene
Concen: 104.152 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

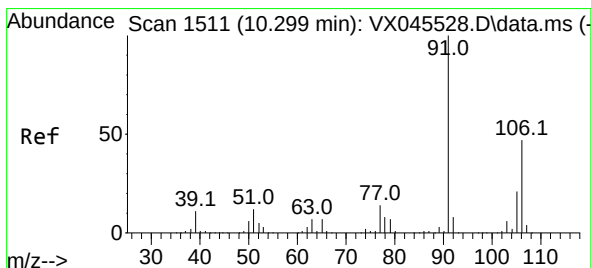
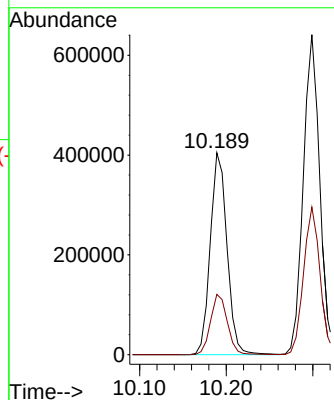
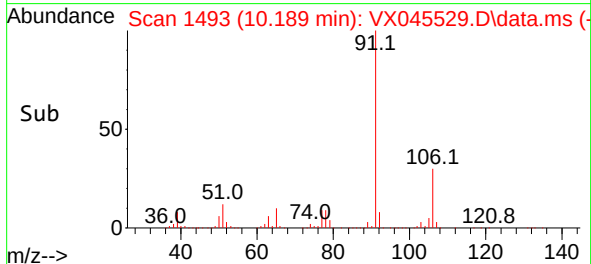
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



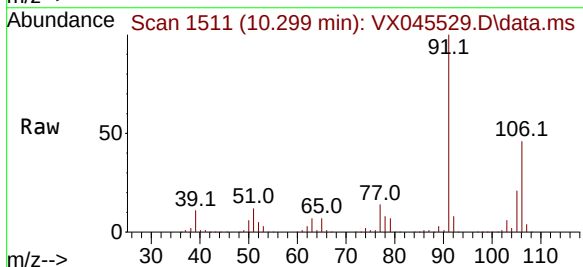
Tgt Ion: 91 Resp: 543568
Ion Ratio Lower Upper
91 100
106 29.9 23.7 35.5

Manual Integrations
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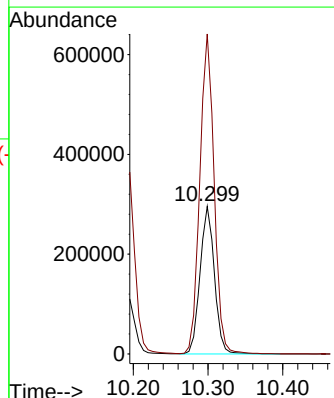
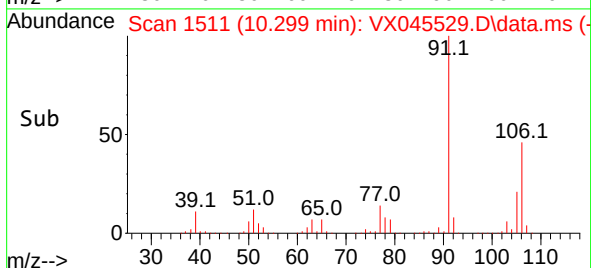
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

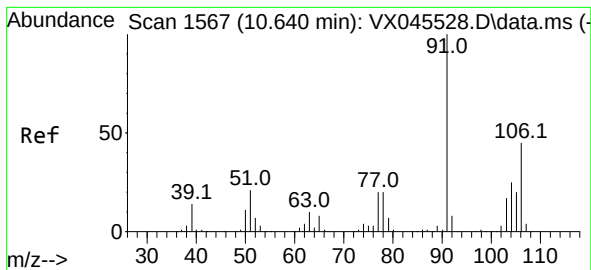


#68
m/p-Xylenes
Concen: 207.694 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38



Tgt Ion:106 Resp: 394241
Ion Ratio Lower Upper
106 100
91 216.1 172.6 258.8





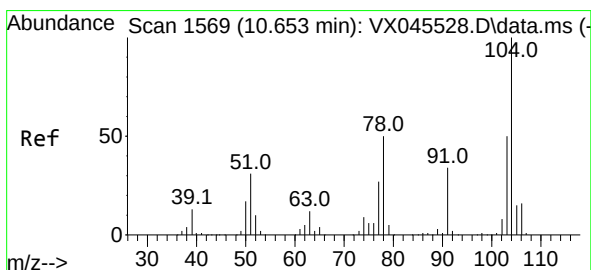
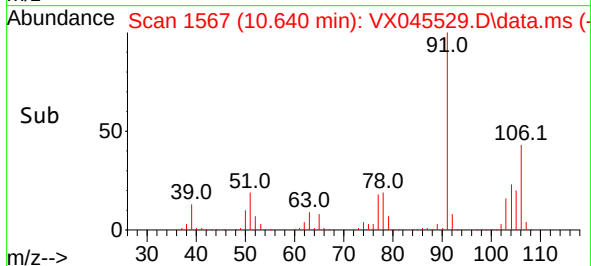
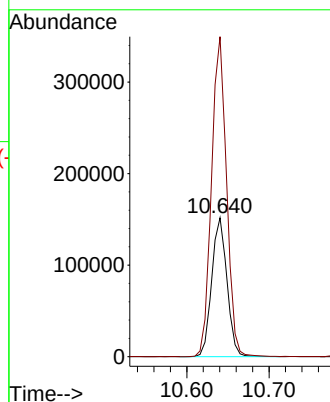
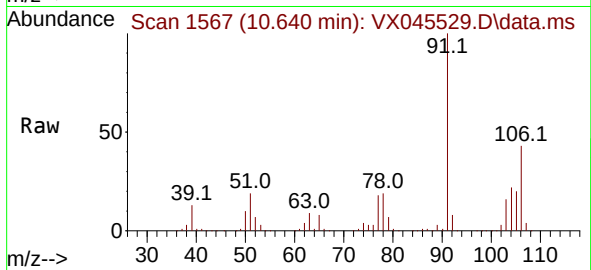
#69
o-Xylene
Concen: 104.487 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 19538
Ion Ratio Lower Upper
106 100
91 228.0 113.6 340.6

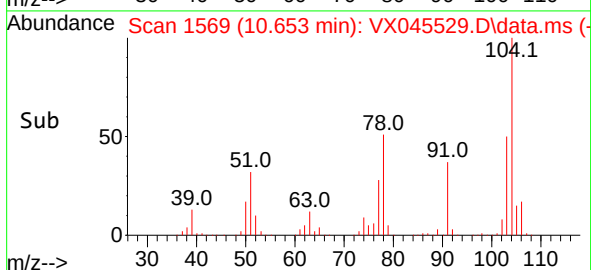
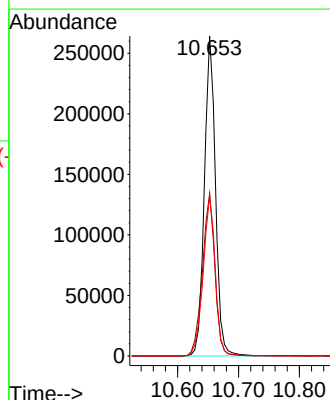
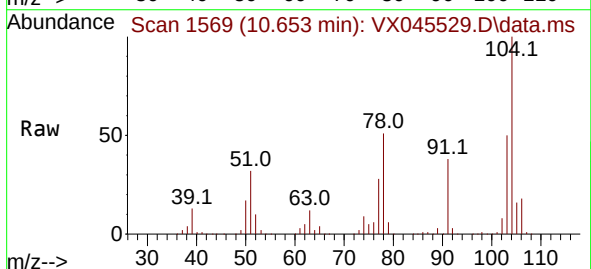
Manual Integrations
APPROVED

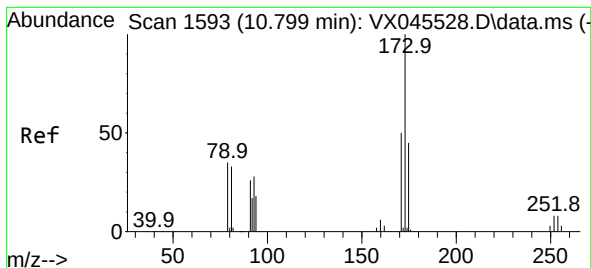
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#70
Styrene
Concen: 108.654 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:104 Resp: 335333
Ion Ratio Lower Upper
104 100
78 57.0 45.4 68.2
103 54.7 43.8 65.8





#71

Bromoform

Concen: 110.714 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:173 Resp: 83632

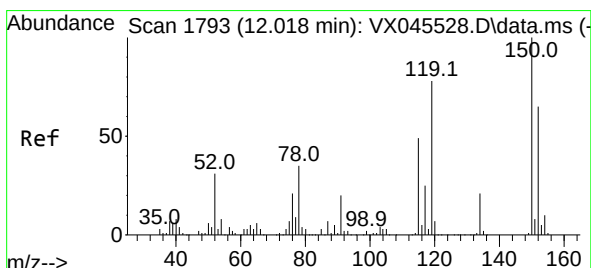
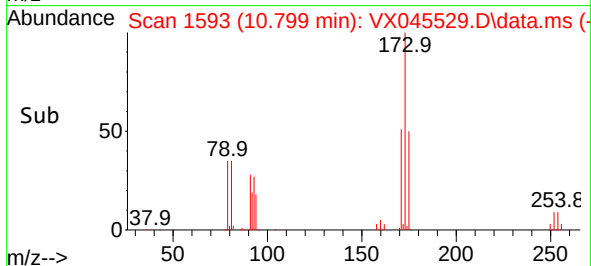
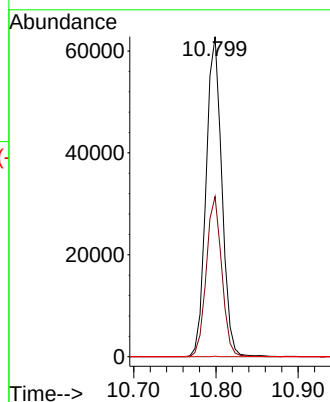
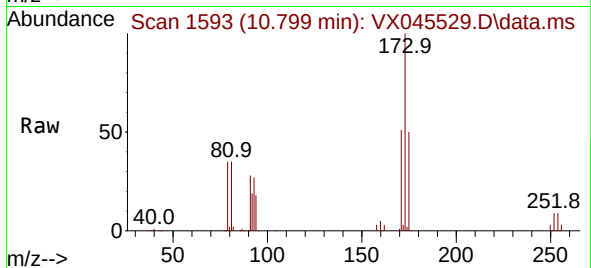
Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.4	70.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

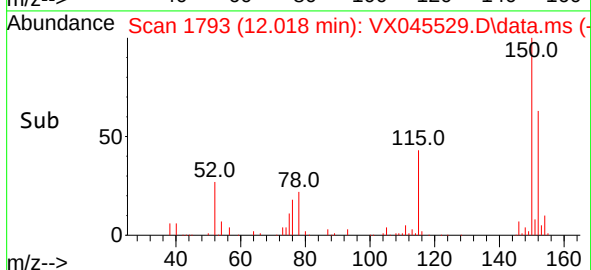
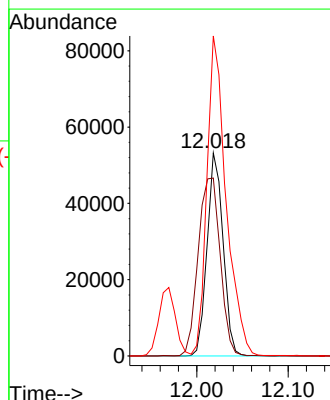
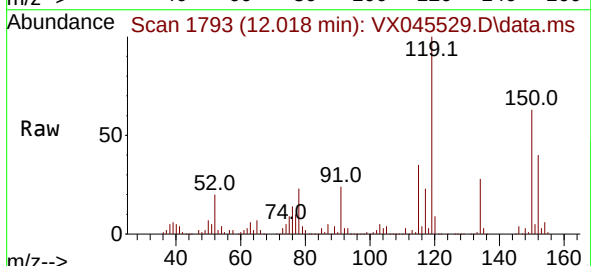
Delta R.T. 0.000 min

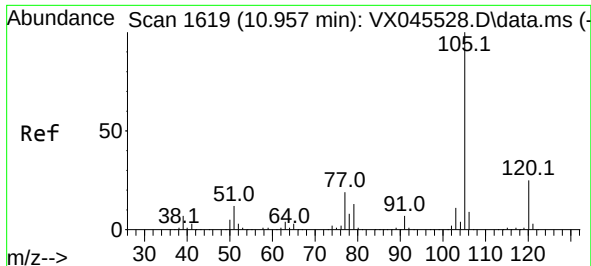
Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Tgt Ion:152 Resp: 64612

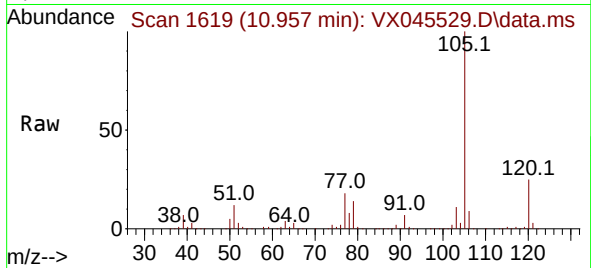
Ion	Ratio	Lower	Upper
152	100		
115	121.0	46.9	140.7
150	188.4	0.0	349.4





#73
Isopropylbenzene
Concen: 100.944 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

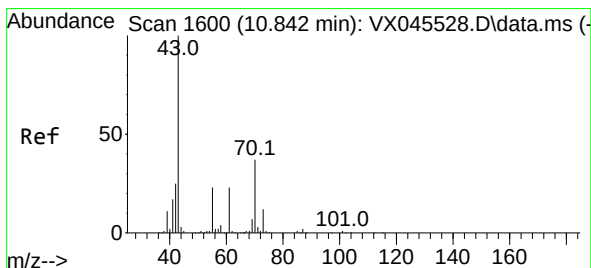
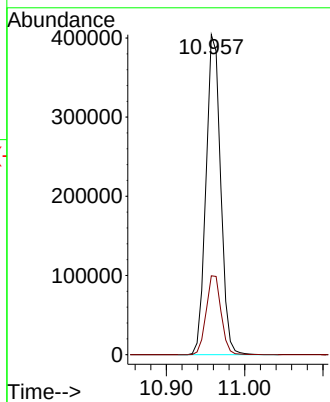
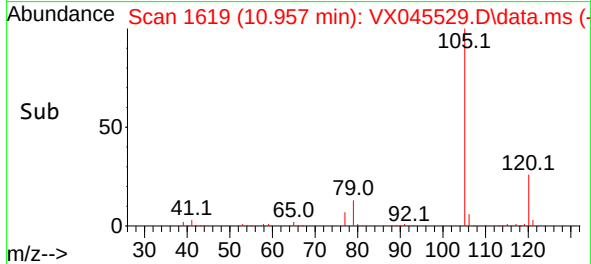
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



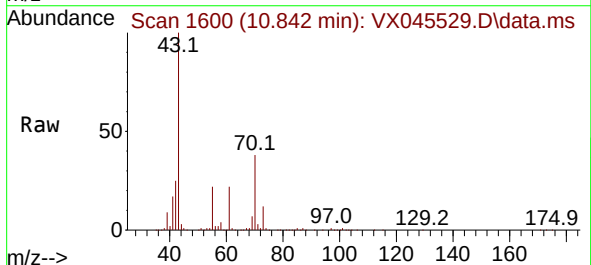
Tgt Ion:105 Resp: 522430
Ion Ratio Lower Upper
105 100
120 25.2 12.7 38.0

Manual Integrations
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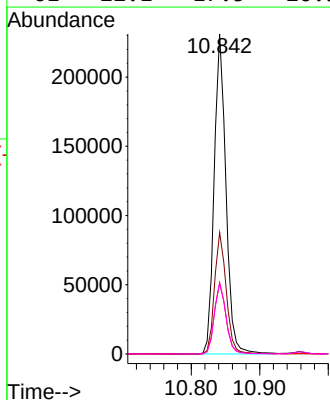
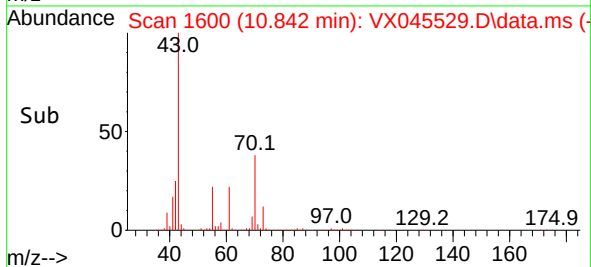
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

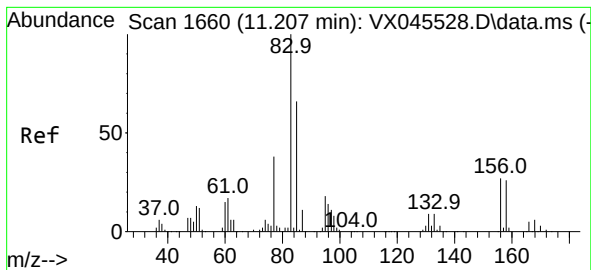


#74
N-ethyl acetate
Concen: 111.267 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38



Tgt Ion: 43 Resp: 275462
Ion Ratio Lower Upper
43 100
70 38.1 30.1 45.1
55 22.4 18.3 27.5
61 22.1 17.5 26.3





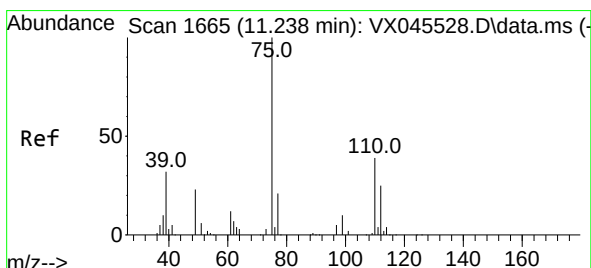
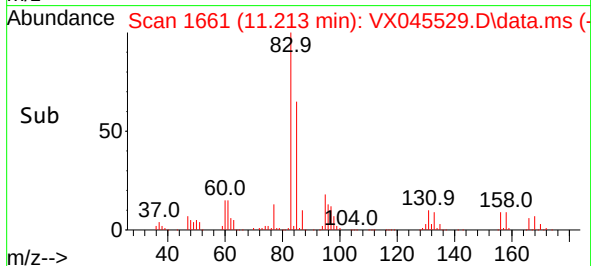
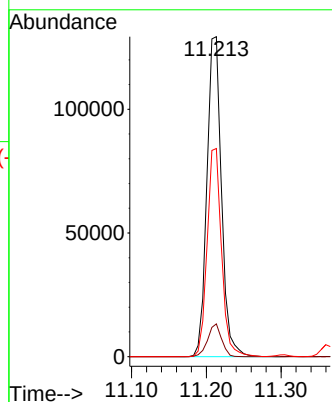
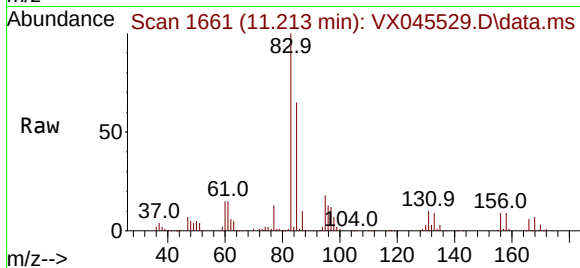
#75
 1,1,2,2-Tetrachloroethane
 Concen: 96.243 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 83 Resp: 17497
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.7 14.1
 85 64.3 32.4 97.2

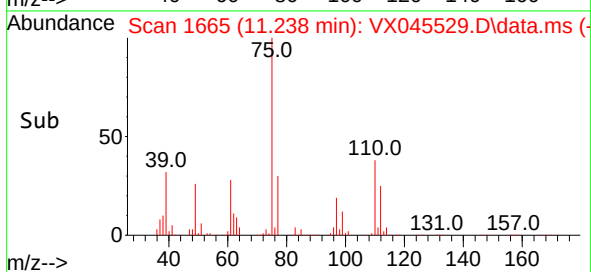
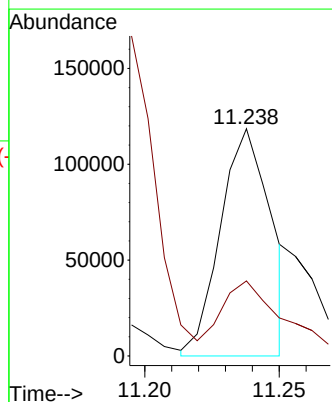
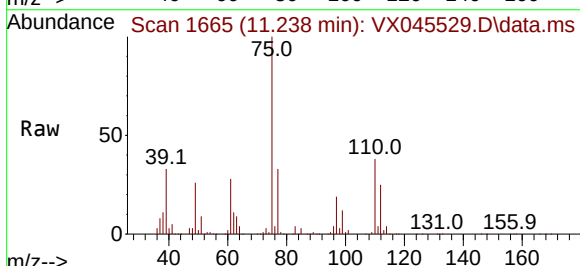
Manual Integrations
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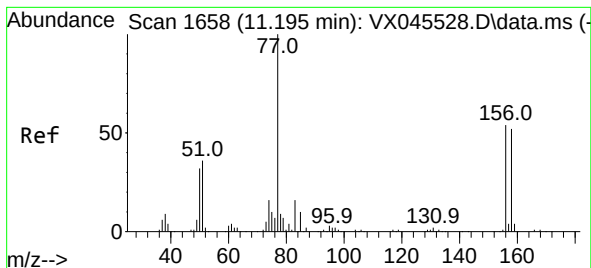
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#76
 1,2,3-Trichloropropane
 Concen: 97.744 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 154048
 Ion Ratio Lower Upper
 75 100
 77 41.8 20.0 59.9





#77

Bromobenzene

Concen: 99.983 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

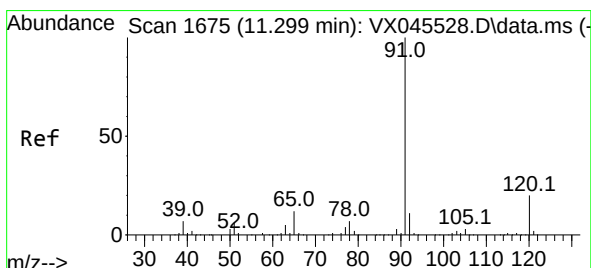
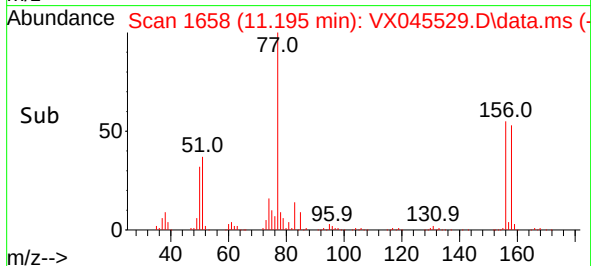
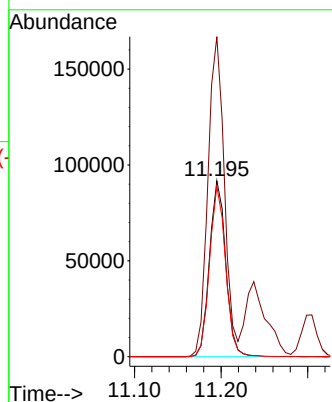
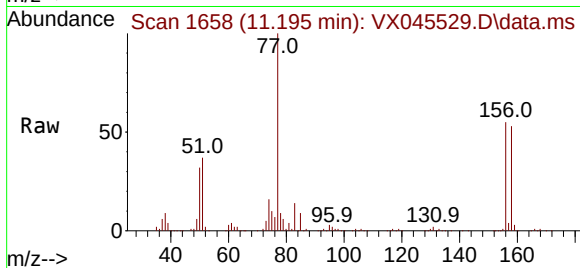
Tgt Ion:	156	Resp:	11956
Ion Ratio	Lower	Upper	
156	100		
77	183.4	92.6	277.8
158	95.9	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#78

n-propylbenzene

Concen: 104.454 ug/l

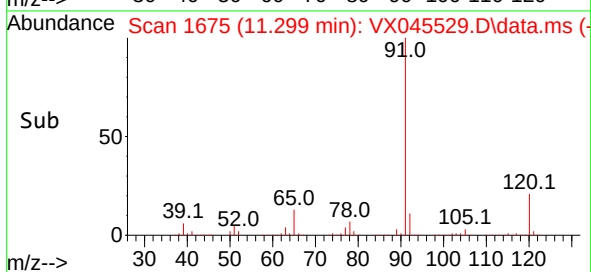
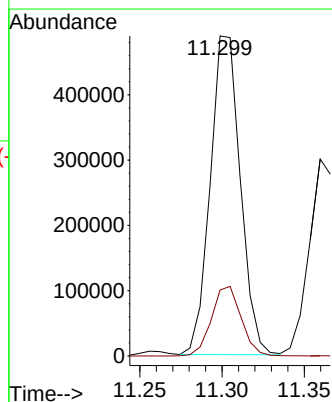
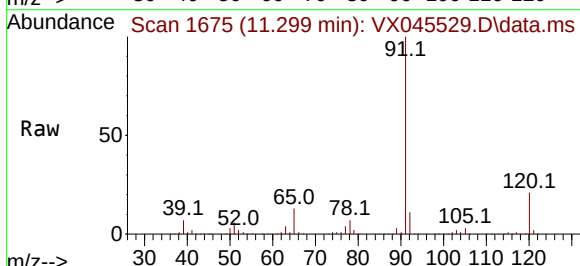
RT: 11.299 min Scan# 1675

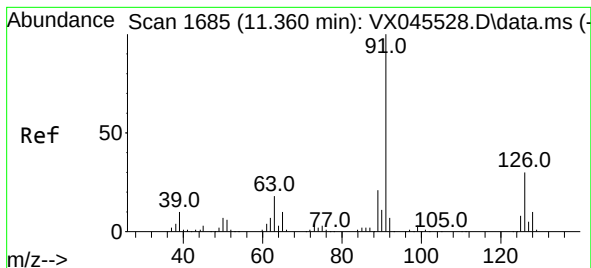
Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Tgt Ion:	91	Resp:	622679
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.3





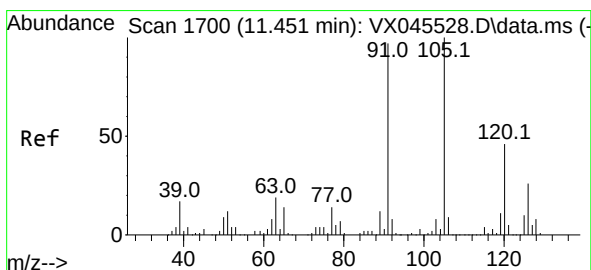
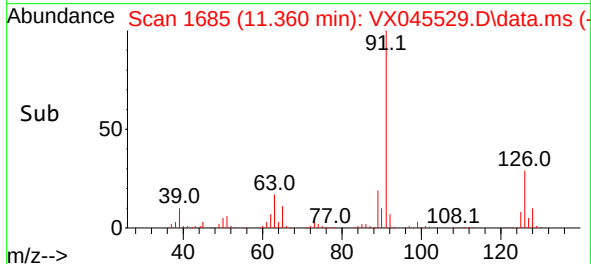
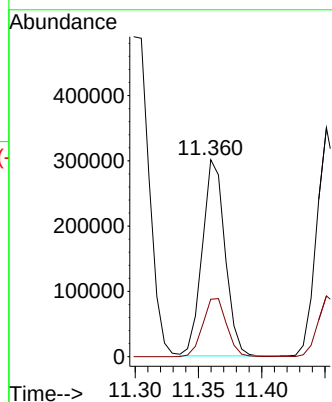
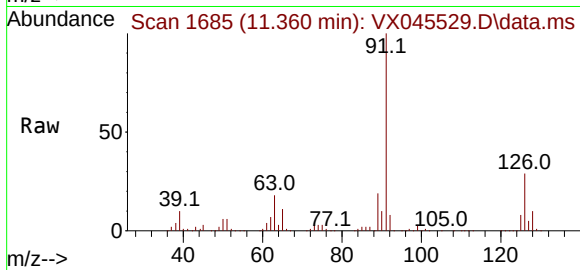
#79
2-Chlorotoluene
Concen: 98.840 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 376682
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4

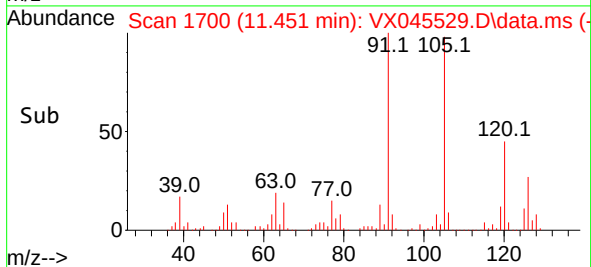
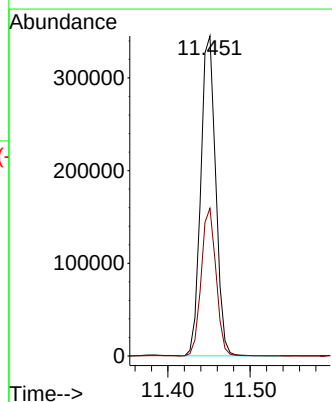
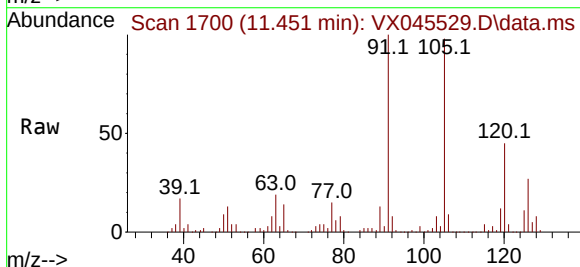
Manual Integrations
APPROVED

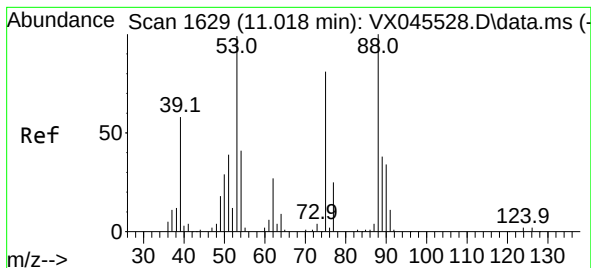
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 101.675 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:105 Resp: 435137
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0





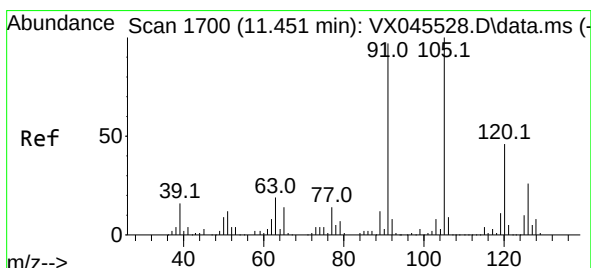
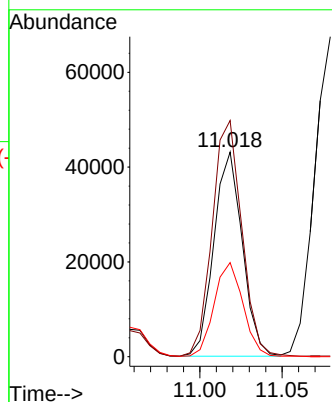
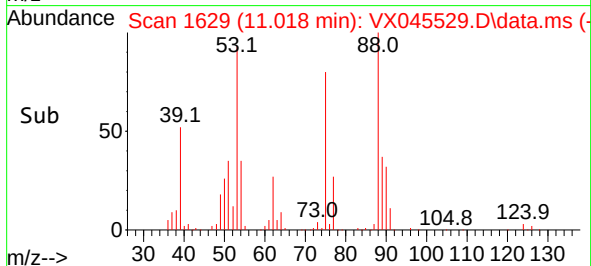
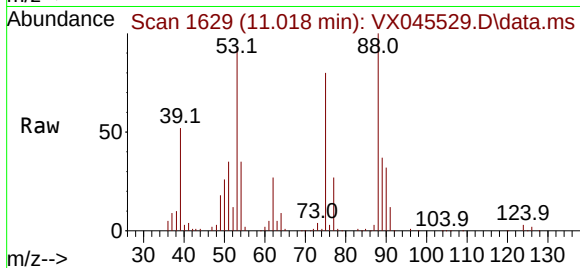
#81
trans-1,4-Dichloro-2-butene
Concen: 111.704 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 5187
Ion Ratio Lower Upper
75 100
53 119.5 101.8 152.6
89 46.9 37.2 55.8

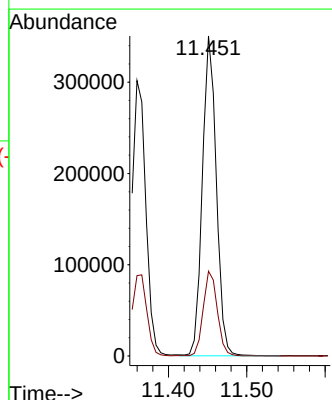
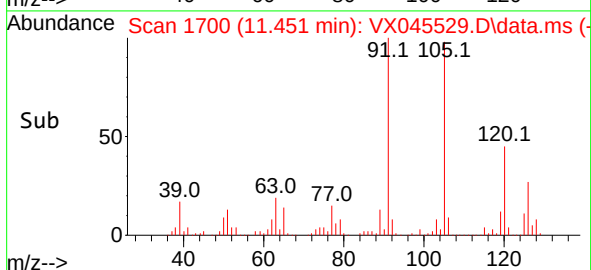
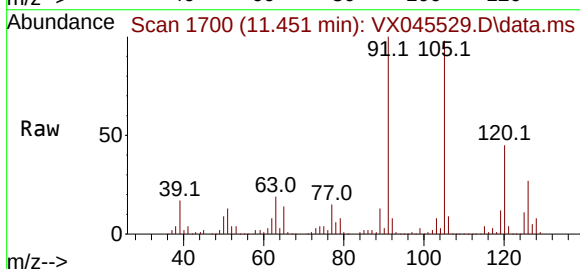
Manual Integrations
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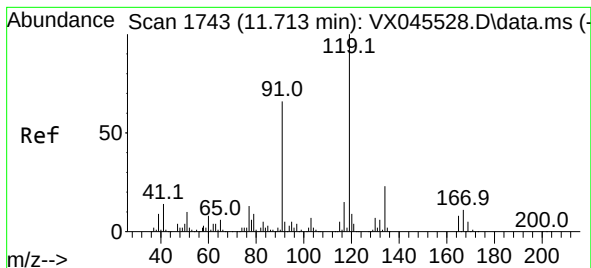
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#82
4-Chlorotoluene
Concen: 101.877 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 91 Resp: 432884
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





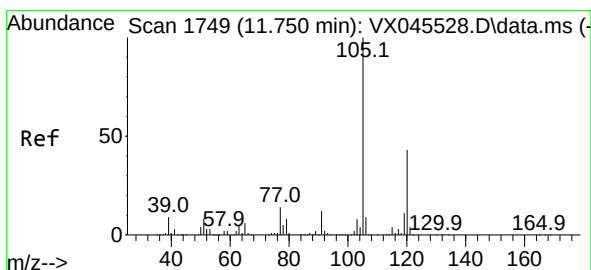
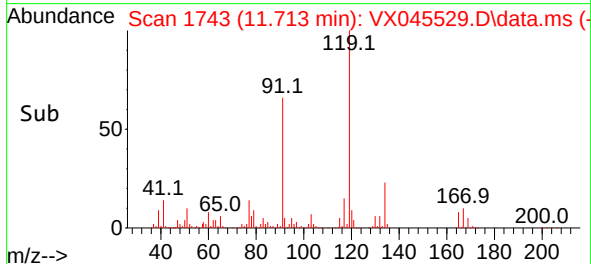
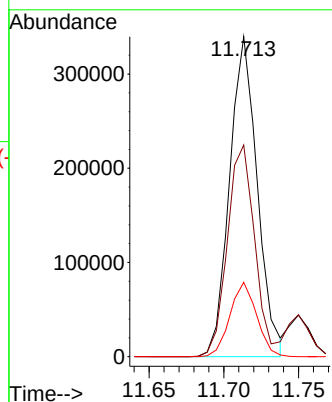
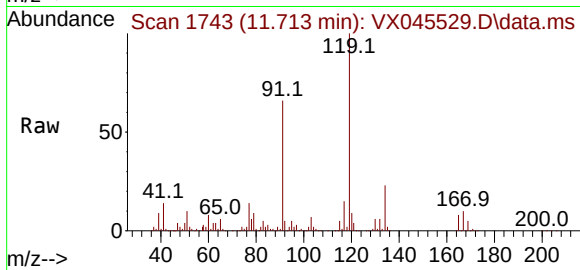
#83
 tert-Butylbenzene
 Concen: 103.292 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 437649
 Ion Ratio Lower Upper
 119 100
 91 65.8 32.4 97.2
 134 22.4 11.5 34.5

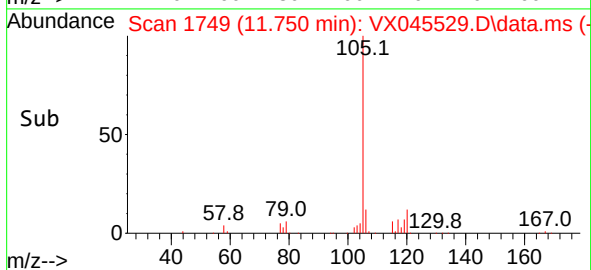
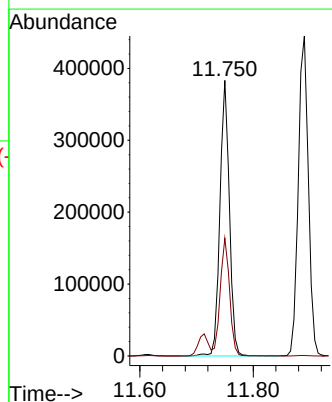
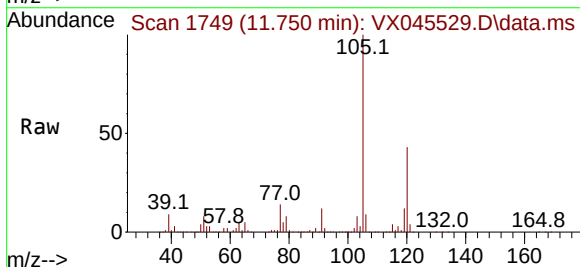
Manual Integrations
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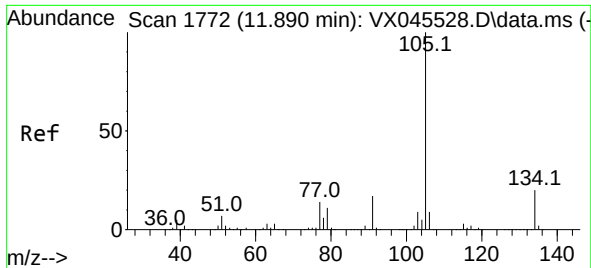
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 103.414 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

Tgt Ion:105 Resp: 444211
 Ion Ratio Lower Upper
 105 100
 120 42.4 21.4 64.3





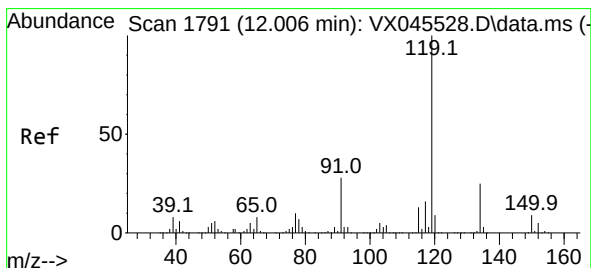
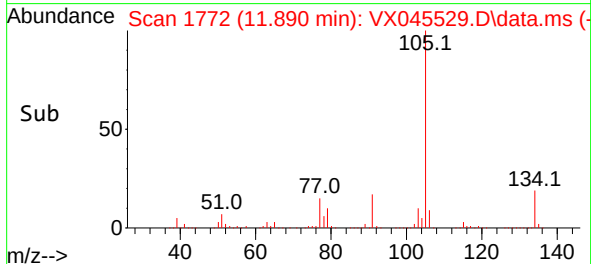
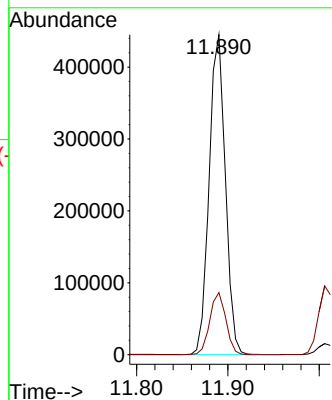
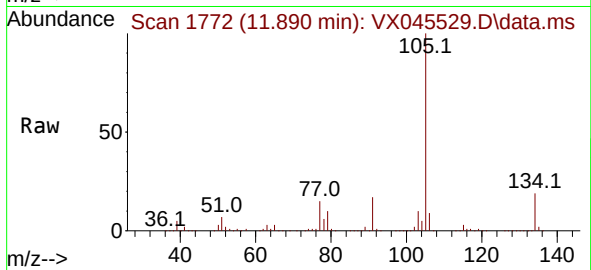
#85
 sec-Butylbenzene
 Concen: 105.082 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 54685
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

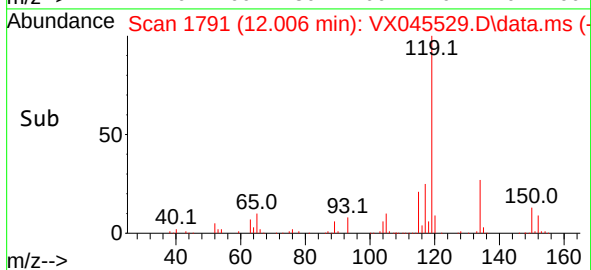
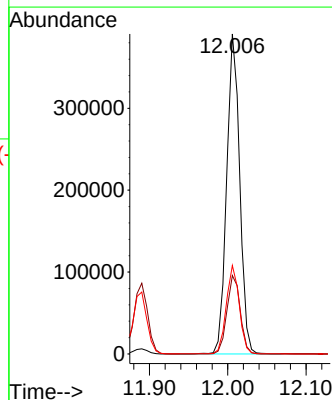
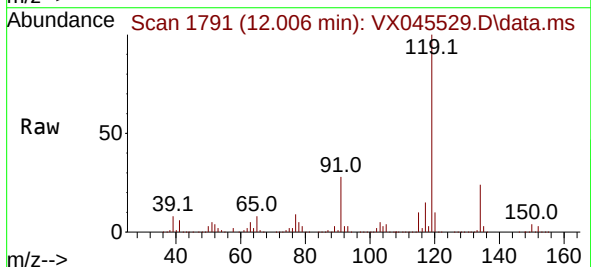
Manual Integrations
 APPROVED

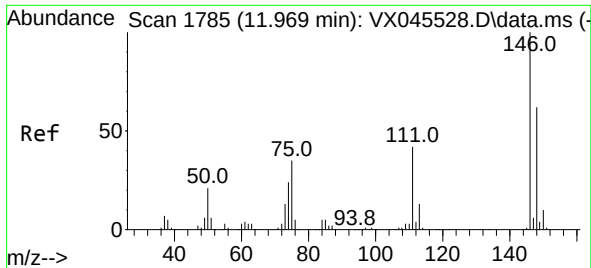
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#86
 p-Isopropyltoluene
 Concen: 105.609 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045529.D
 Acq: 01 Apr 2025 18:38

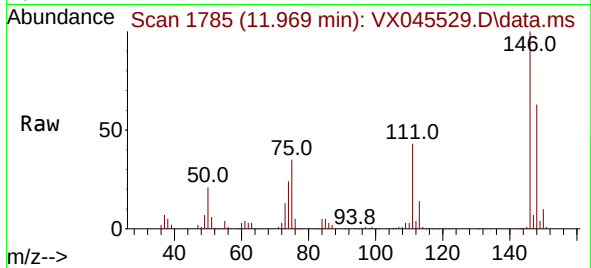
Tgt Ion:119 Resp: 453109
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 27.4 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 101.749 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

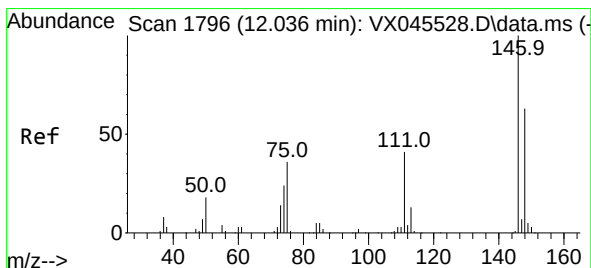
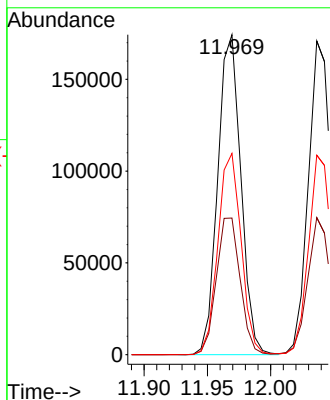
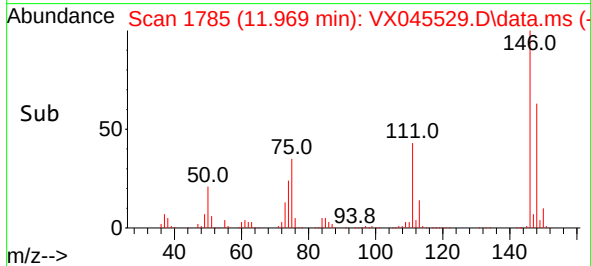
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



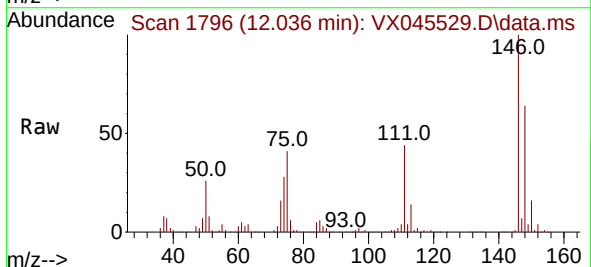
Tgt Ion:146 Resp: 22148
Ion Ratio Lower Upper
146 100
111 44.1 22.2 66.6
148 63.1 31.9 95.7

Manual Integrations
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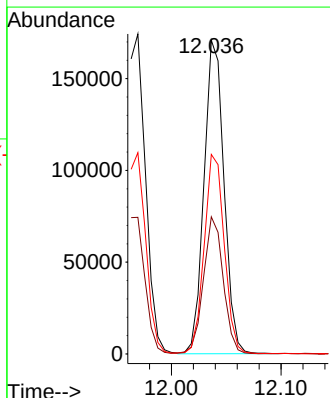
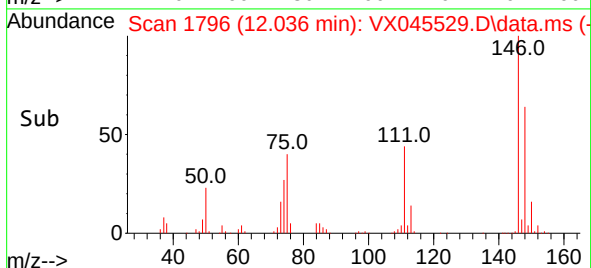
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

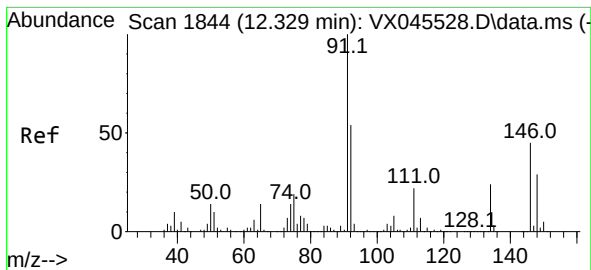


#88
1,4-Dichlorobenzene
Concen: 98.047 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38



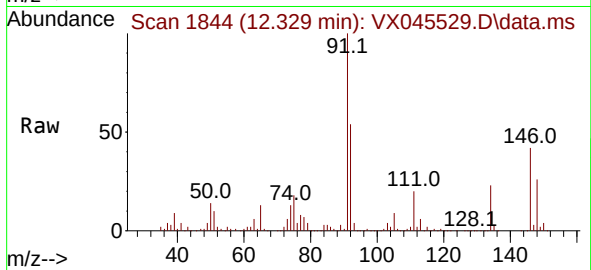
Tgt Ion:146 Resp: 216367
Ion Ratio Lower Upper
146 100
111 43.2 20.9 62.8
148 64.0 31.5 94.5





#89
n-Butylbenzene
Concen: 113.075 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

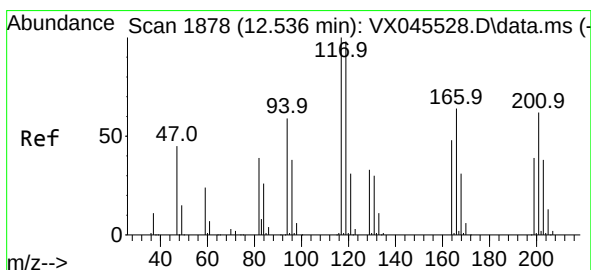
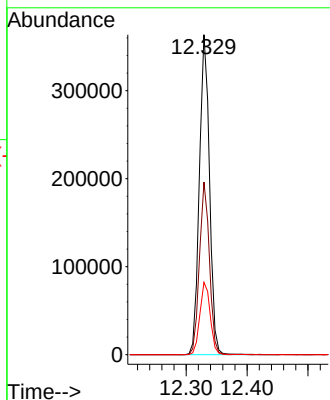
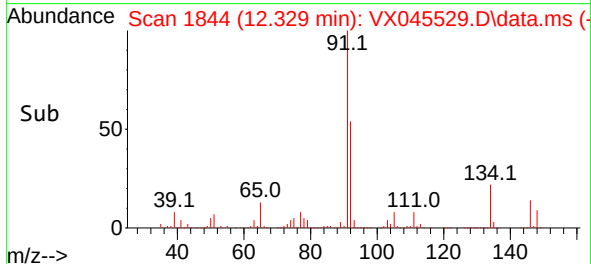
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 420694
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 23.1 11.9 35.7

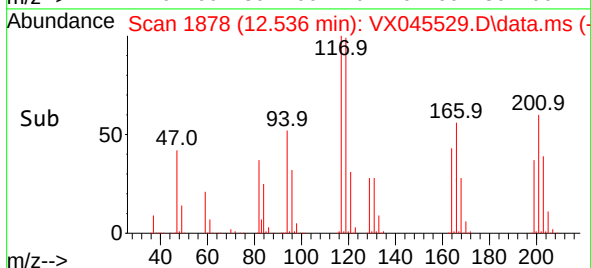
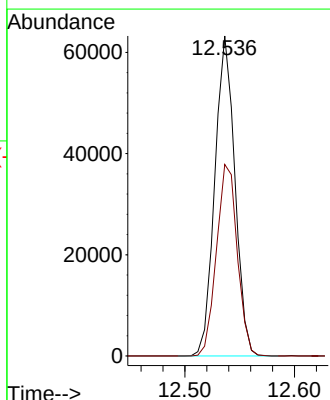
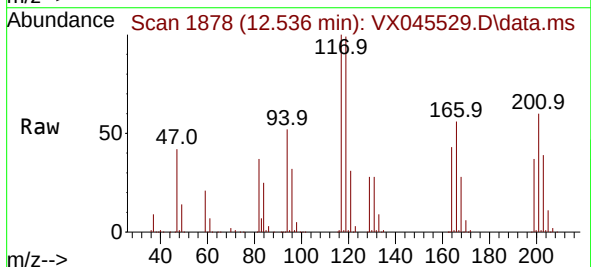
Manual Integrations
APPROVED

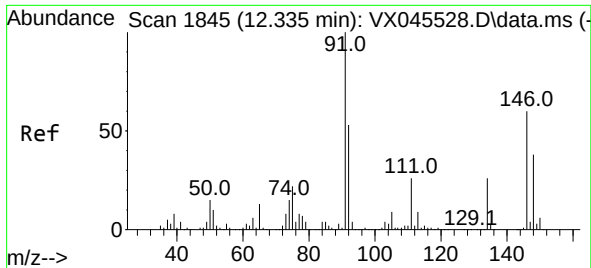
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#90
Hexachloroethane
Concen: 109.160 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

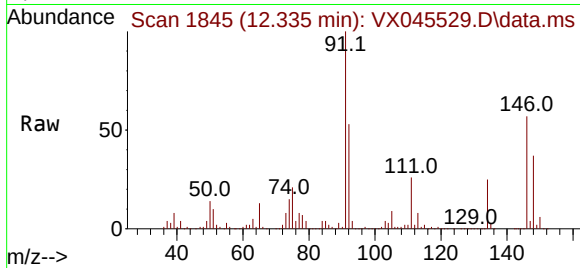
Tgt Ion:117 Resp: 80489
Ion Ratio Lower Upper
117 100
201 62.1 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 99.419 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

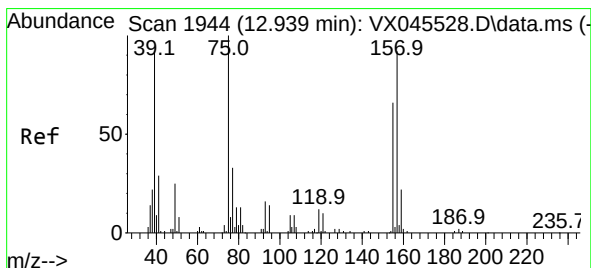
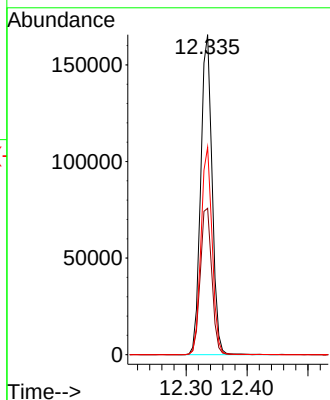
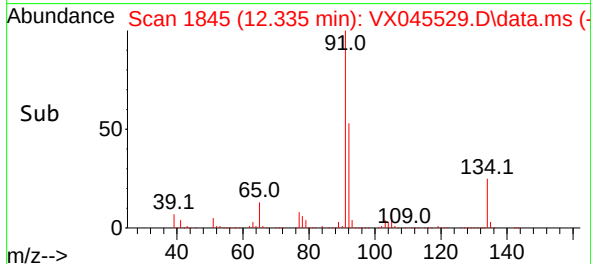
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



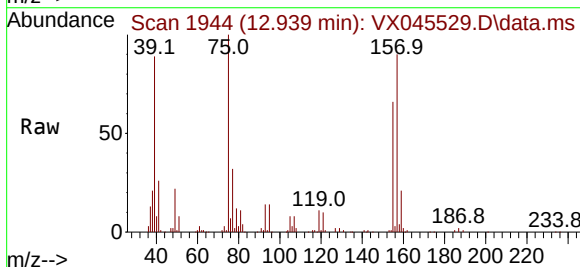
Tgt Ion:146 Resp: 21515
Ion Ratio Lower Upper
146 100
111 46.6 22.9 68.8
148 63.7 31.9 95.5

Manual Integrations
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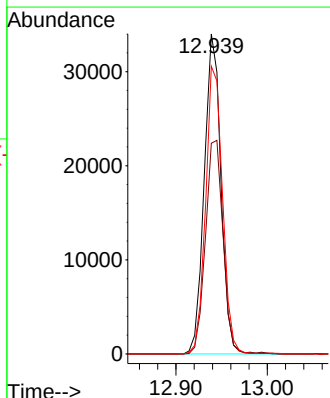
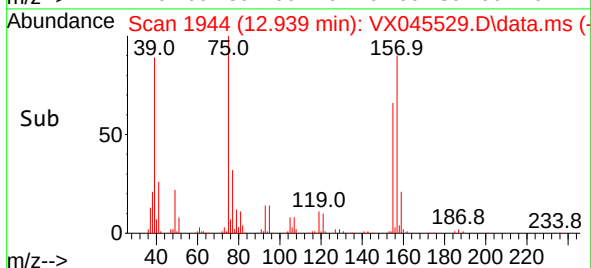
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

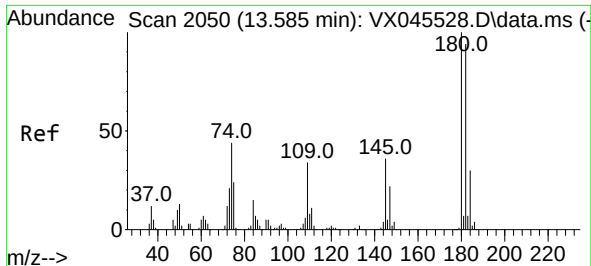


#92
1,2-Dibromo-3-Chloropropane
Concen: 113.214 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38



Tgt Ion: 75 Resp: 43047
Ion Ratio Lower Upper
75 100
155 70.2 34.9 104.7
157 90.6 44.9 134.7





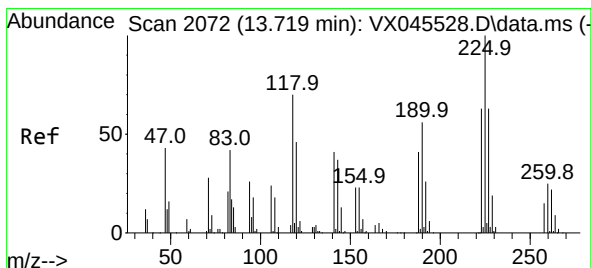
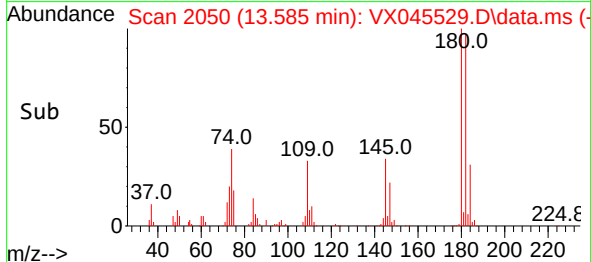
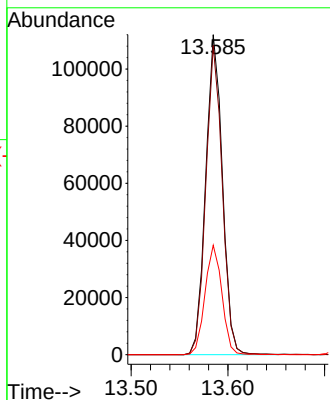
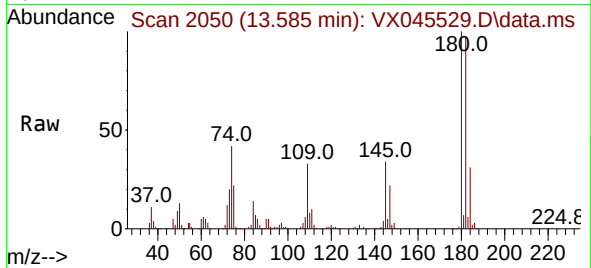
#93
1,2,4-Trichlorobenzene
Concen: 112.106 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 135040
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.6
145 34.6 17.9 53.8

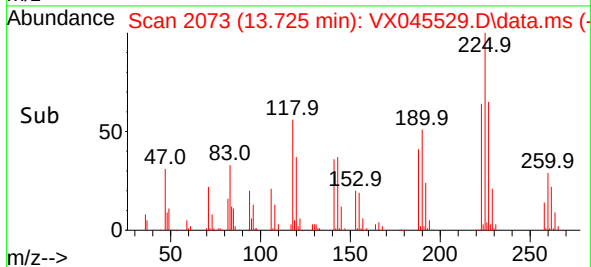
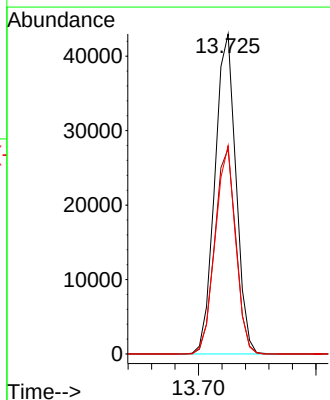
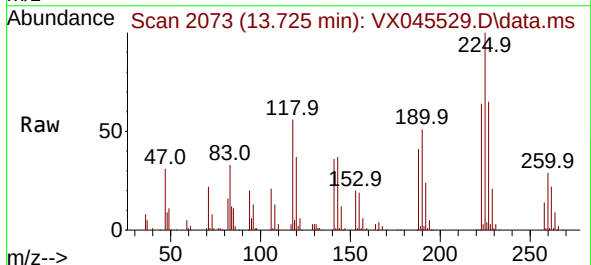
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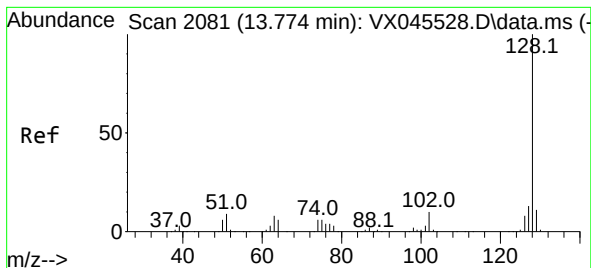
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#94
Hexachlorobutadiene
Concen: 103.326 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:225 Resp: 53636
Ion Ratio Lower Upper
225 100
223 64.2 31.1 93.3
227 62.9 32.2 96.6





#95

Naphthalene

Concen: 111.473 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 499719

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

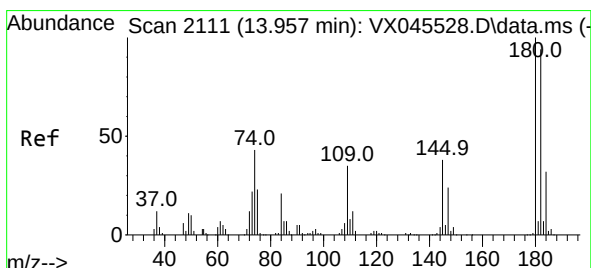
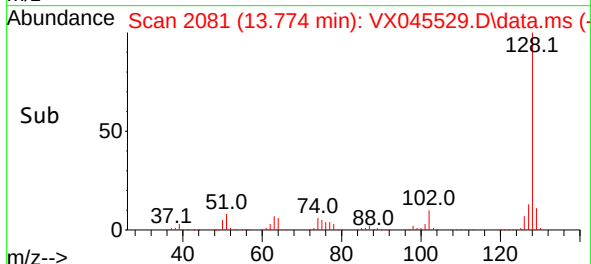
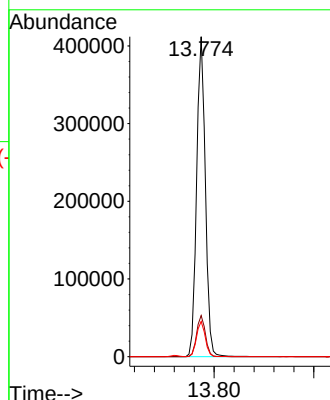
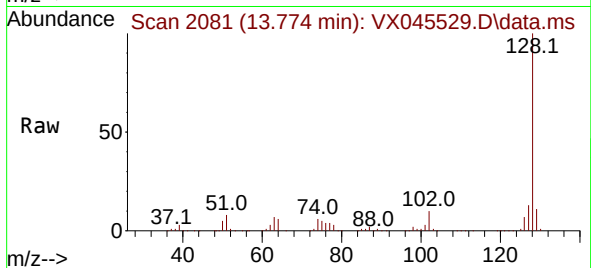
129 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 108.869 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

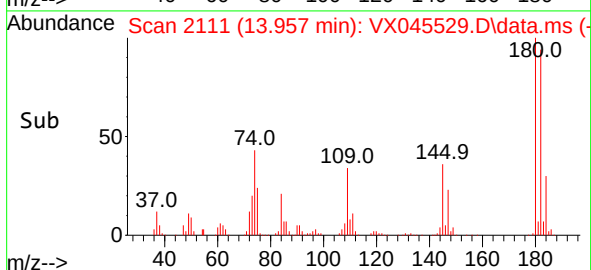
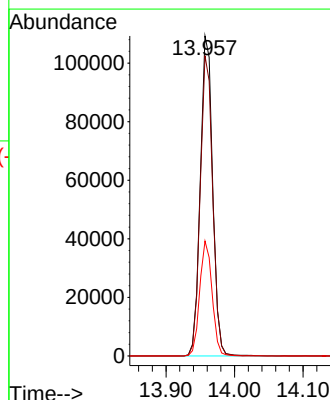
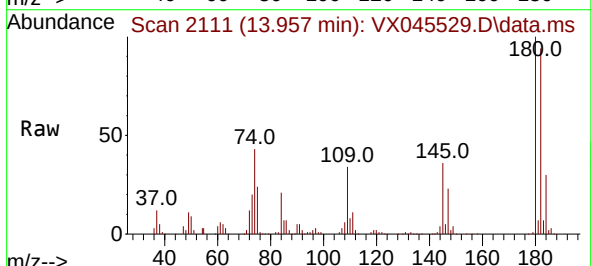
Tgt Ion:180 Resp: 137328

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 36.0 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045530.D
 Acq On : 01 Apr 2025 19:02
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 02 02:54:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	90033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61380	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	252998	153.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 307.320%#			
35) Dibromofluoromethane	5.379	113	173598	152.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 305.780%#			
50) Toluene-d8	8.647	98	603264	152.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 304.440%#			
62) 4-Bromofluorobenzene	11.079	95	220921	153.035	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 306.060%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	221436	164.460	ug/l	100
3) Chloromethane	1.307	50	198321	143.373	ug/l	98
4) Vinyl Chloride	1.374	62	197096	155.697	ug/l	100
5) Bromomethane	1.593	94	88225	146.986	ug/l	97
6) Chloroethane	1.660	64	86251	128.421	ug/l	97
7) Trichlorofluoromethane	1.868	101	267098	141.495	ug/l	100
8) Diethyl Ether	2.136	74	96467	152.215	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	171118	154.698	ug/l	97
10) Methyl Iodide	2.441	142	202594	146.838	ug/l	99
11) Tert butyl alcohol	2.989	59	167769	758.202	ug/l	100
12) 1,1-Dichloroethene	2.307	96	166365	153.921	ug/l	97
13) Acrolein	2.239	56	232818	764.070	ug/l	100
14) Allyl chloride	2.654	41	313268	152.755	ug/l	99
15) Acrylonitrile	3.069	53	507965	727.247	ug/l	100
16) Acetone	2.386	43	479564	709.323	ug/l	99
17) Carbon Disulfide	2.502	76	443495	166.133	ug/l	99
18) Methyl Acetate	2.703	43	228558	146.832	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	598532	158.301	ug/l	99
20) Methylene Chloride	2.782	84	186382	147.254	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	170283	154.210	ug/l	98
22) Diisopropyl ether	3.764	45	636728	157.617	ug/l	94
23) Vinyl Acetate	3.721	43	2911326	834.120	ug/l	100
24) 1,1-Dichloroethane	3.605	63	349040	152.778	ug/l	99
25) 2-Butanone	4.556	43	740096	747.834	ug/l	99
26) 2,2-Dichloropropane	4.465	77	252063	170.765	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	205254	152.571	ug/l	98
28) Bromochloromethane	4.891	49	155600	140.938	ug/l	97
29) Tetrahydrofuran	5.001	42	475589	741.226	ug/l	100
30) Chloroform	5.087	83	353681	150.451	ug/l	98
31) Cyclohexane	5.458	56	310219	153.595	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	315136	158.426	ug/l	98
36) 1,1-Dichloropropene	5.684	75	239776	156.399	ug/l	98
37) Ethyl Acetate	4.715	43	294559	152.461	ug/l	99
38) Carbon Tetrachloride	5.672	117	266770	161.005	ug/l	99
39) Methylcyclohexane	7.373	83	303251	161.366	ug/l	96
40) Benzene	6.031	78	703311	150.208	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045530.D
 Acq On : 01 Apr 2025 19:02
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 02 02:54:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	164699	160.155	ug/l	98
42) 1,2-Dichloroethane	6.080	62	296168	153.146	ug/l	100
43) Isopropyl Acetate	6.336	43	475823	162.494	ug/l	99
44) Trichloroethene	7.117	130	170940	153.599	ug/l	95
45) 1,2-Dichloropropane	7.428	63	179457	153.610	ug/l	98
46) Dibromomethane	7.574	93	135415	150.996	ug/l	98
47) Bromodichloromethane	7.818	83	279881	156.272	ug/l	98
48) Methyl methacrylate	7.690	41	240818	159.281	ug/l	99
49) 1,4-Dioxane	7.659	88	74929	2739.196	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1414771	728.817	ug/l	99
52) Toluene	8.714	92	420015	148.245	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	267671	150.589	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	287973	171.104	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	163426	144.752	ug/l	98
56) Ethyl methacrylate	9.116	69	285895	163.624	ug/l	98
57) 1,3-Dichloropropane	9.305	76	288430	146.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	703881	796.340	ug/l	99
59) 2-Hexanone	9.433	43	1053971	733.198	ug/l	100
60) Dibromochloromethane	9.519	129	194342	157.895	ug/l	98
61) 1,2-Dibromoethane	9.610	107	174571	152.745	ug/l	99
64) Tetrachloroethene	9.269	164	138926	147.568	ug/l	98
65) Chlorobenzene	10.080	112	444631	156.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	156069	157.769	ug/l	99
67) Ethyl Benzene	10.189	91	821130	160.907	ug/l	99
68) m/p-Xylenes	10.299	106	583228	314.231	ug/l	99
69) o-Xylene	10.640	106	285670	156.241	ug/l	100
70) Styrene	10.653	104	480722	159.299	ug/l	99
71) Bromoform	10.799	173	126115	170.743	ug/l #	98
73) Isopropylbenzene	10.957	105	764406	155.475	ug/l	100
74) N-amyl acetate	10.842	43	408934	173.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	249980	144.737	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	215694m	144.064	ug/l	
77) Bromobenzene	11.195	156	171573	151.033	ug/l	99
78) n-propylbenzene	11.305	91	897084	158.408	ug/l	100
79) 2-Chlorotoluene	11.360	91	537263	148.399	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	620819	152.700	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	78805	178.636	ug/l	93
82) 4-Chlorotoluene	11.451	91	615594	152.505	ug/l	99
83) tert-Butylbenzene	11.713	119	627039	155.783	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	629704	154.317	ug/l	100
85) sec-Butylbenzene	11.890	105	790355	159.869	ug/l	100
86) p-Isopropyltoluene	12.006	119	641521	157.397	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	314077	151.885	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	314197	149.876	ug/l	99
89) n-Butylbenzene	12.329	91	604445	171.019	ug/l	100
90) Hexachloroethane	12.536	117	121761	173.829	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	307031	149.342	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64317	178.062	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	199365	174.213	ug/l	99
94) Hexachlorobutadiene	13.725	225	77792	157.752	ug/l	99
95) Naphthalene	13.774	128	733300	172.191	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	201989	168.562	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

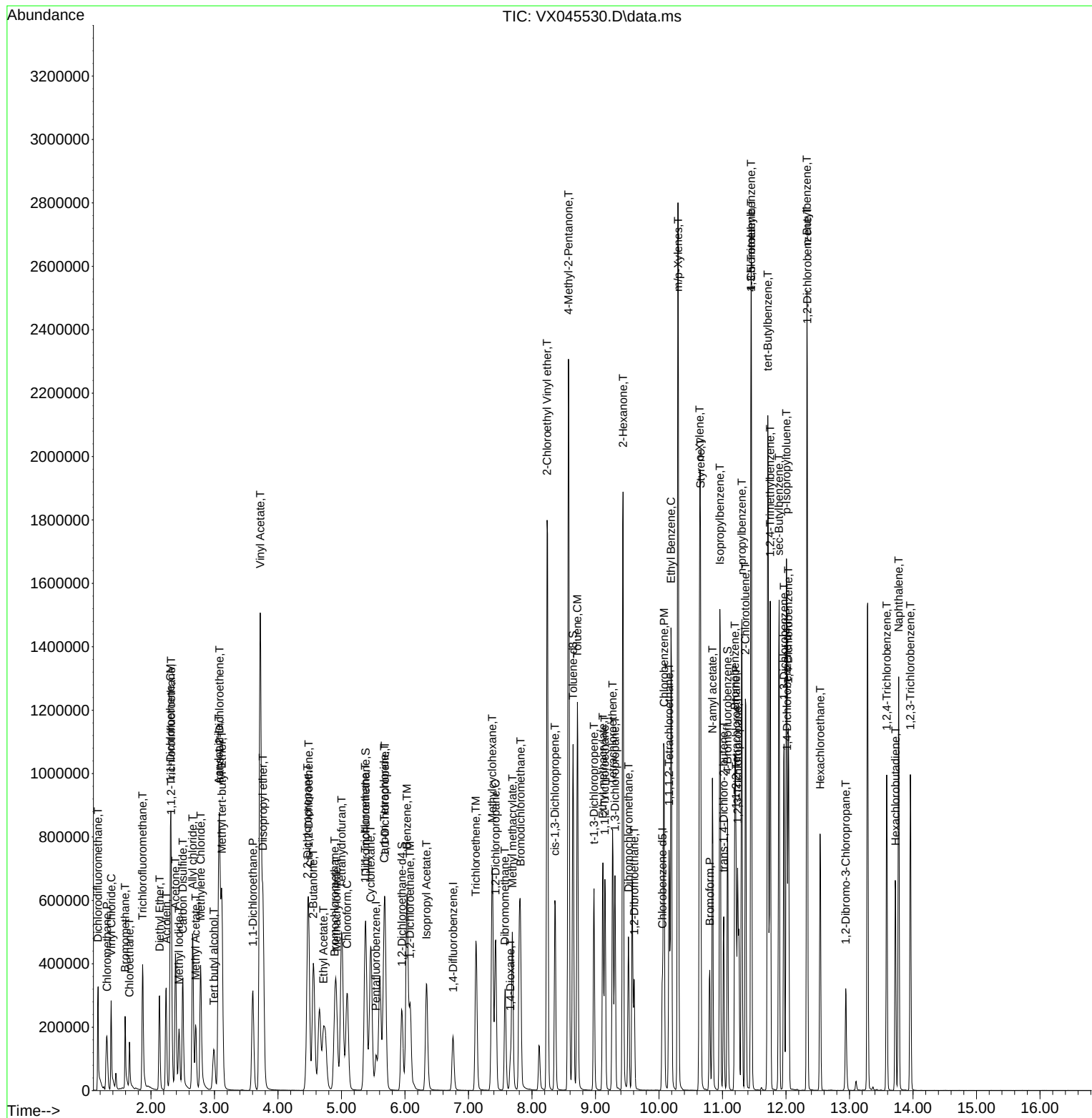
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Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDIC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

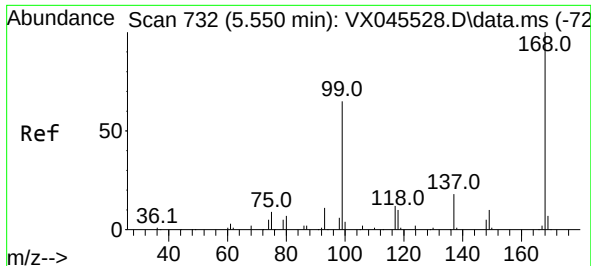
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

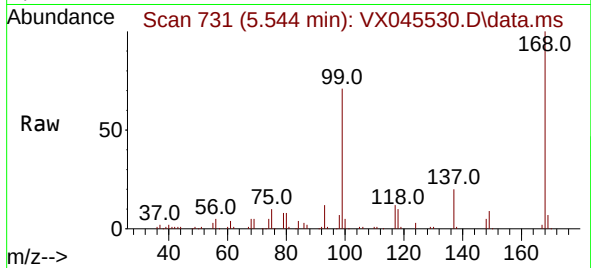
Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

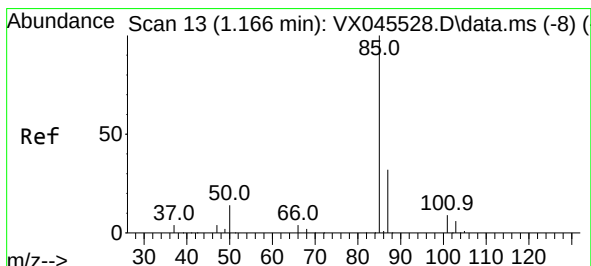
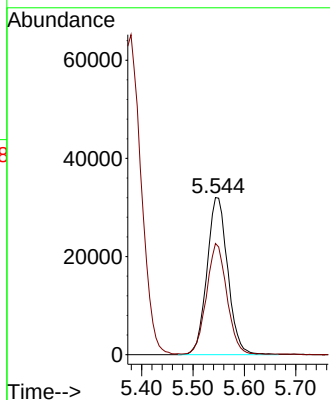
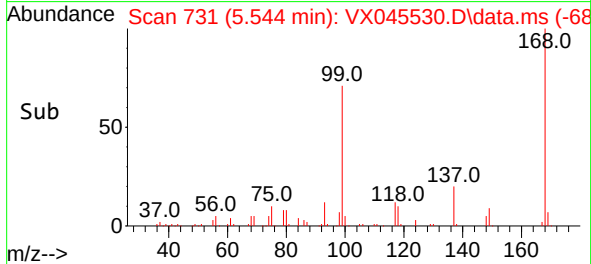
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 9003
Ion Ratio Lower Upper
168 100
99 70.3 52.3 78.5

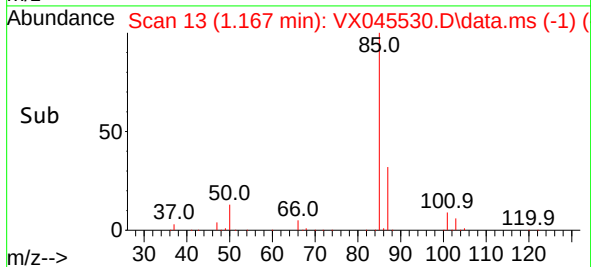
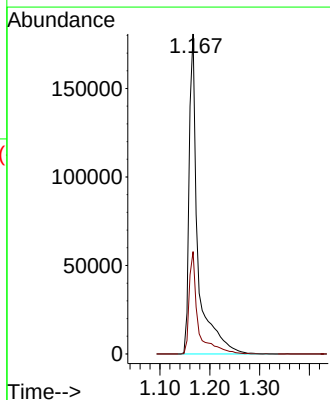
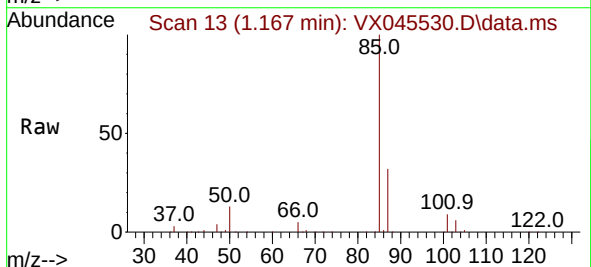
Manual Integrations
APPROVED

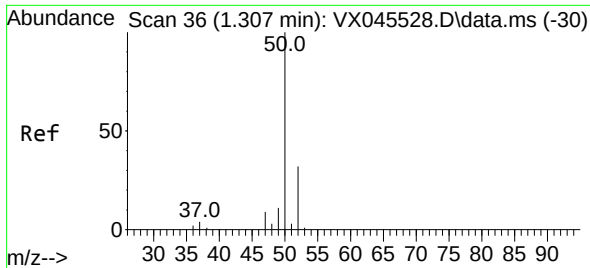
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 164.460 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

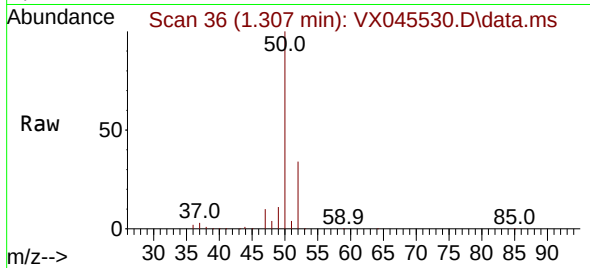
Tgt Ion: 85 Resp: 221436
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2





#3
Chloromethane
Concen: 143.373 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

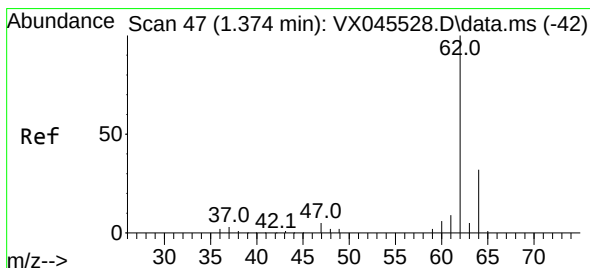
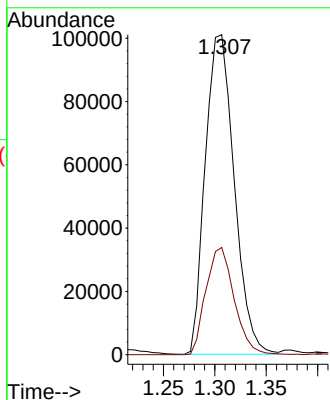
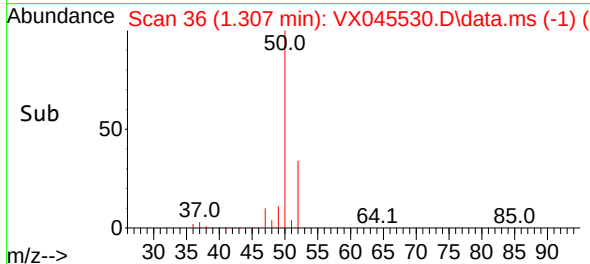
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



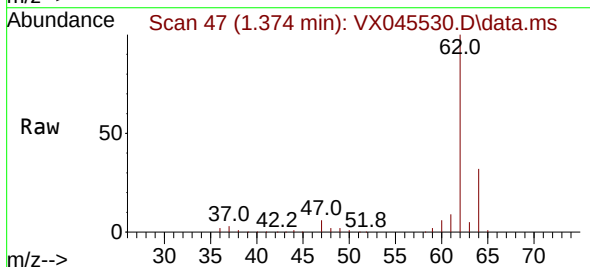
Tgt Ion: 50 Resp: 19832
Ion Ratio Lower Upper
50 100
52 33.6 25.9 38.9

Manual Integrations
APPROVED

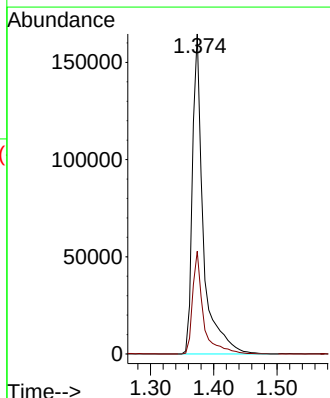
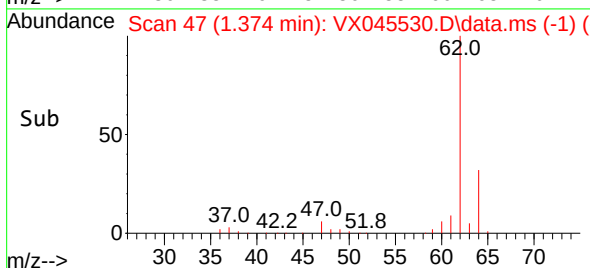
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

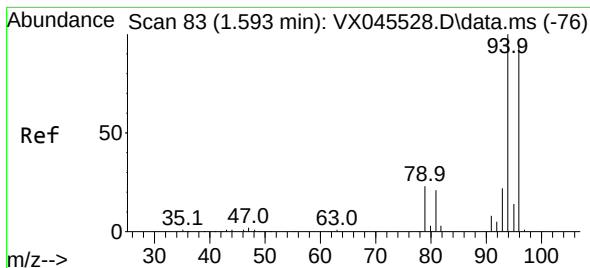


#4
Vinyl Chloride
Concen: 155.697 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02



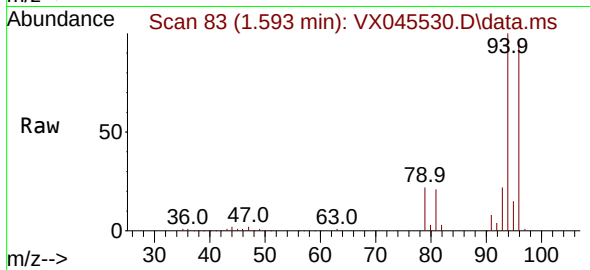
Tgt Ion: 62 Resp: 197096
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3





#5
Bromomethane
Concen: 146.986 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

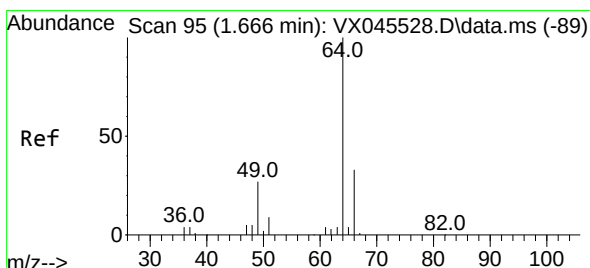
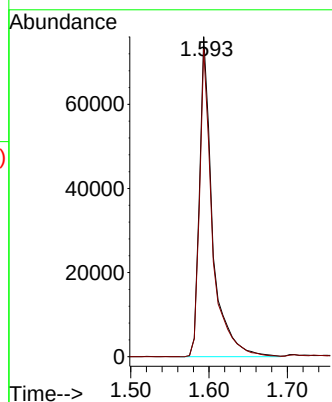
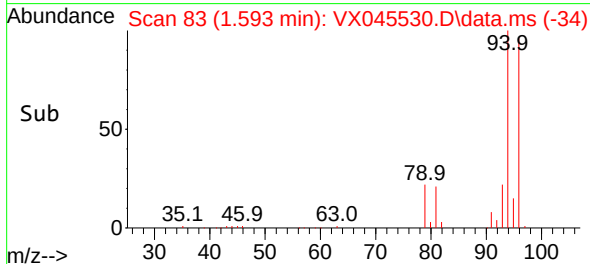
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 94 Resp: 88225
Ion Ratio Lower Upper
94 100
96 96.1 74.8 112.2

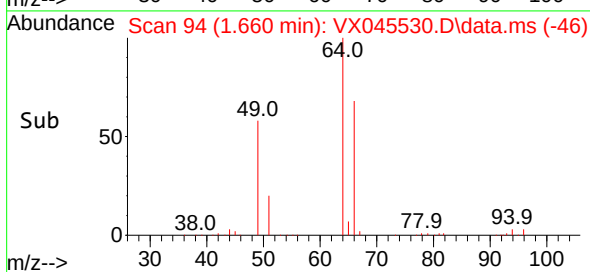
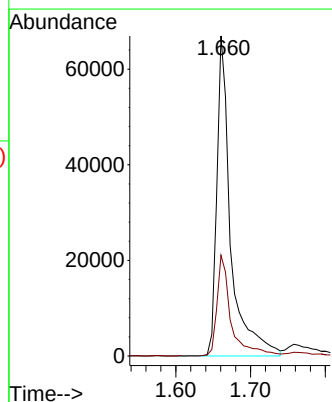
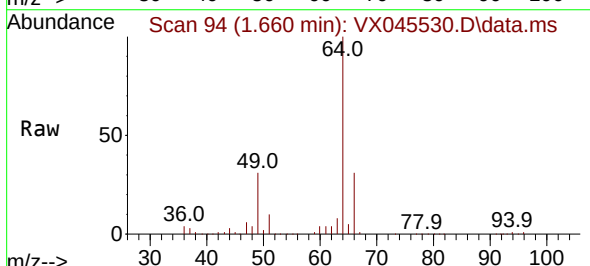
Manual Integrations
APPROVED

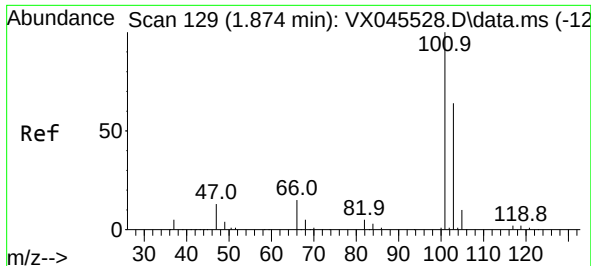
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 128.421 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

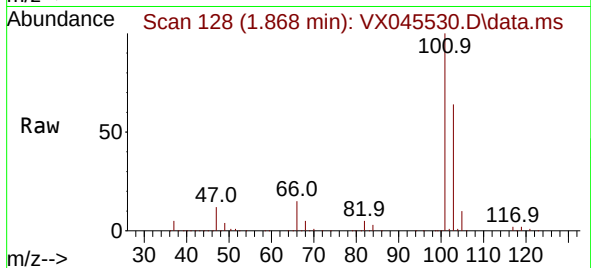
Tgt Ion: 64 Resp: 86251
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 141.495 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

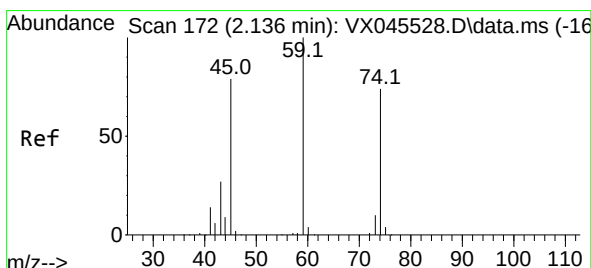
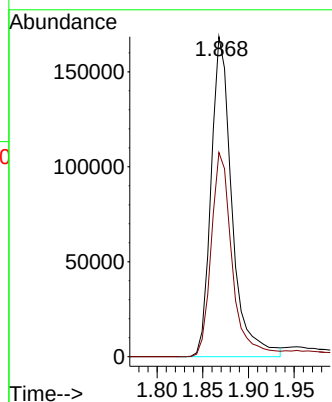
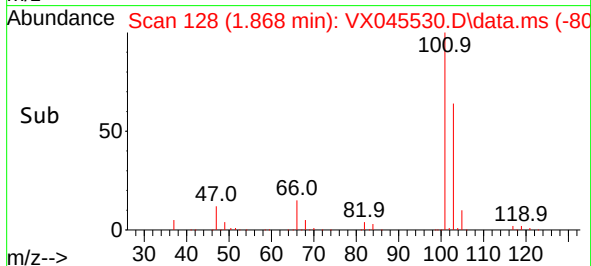
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 267098
Ion Ratio Lower Upper
101 100
103 63.8 51.1 76.7

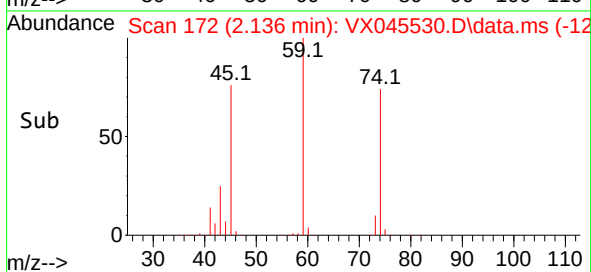
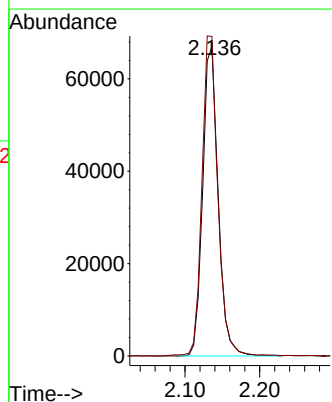
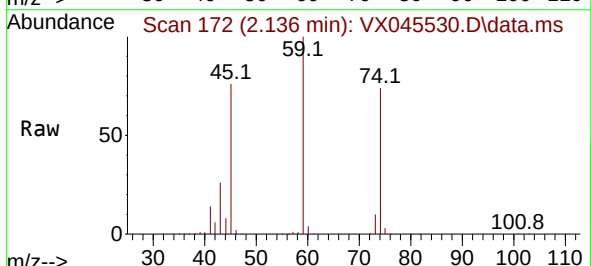
Manual Integrations
APPROVED

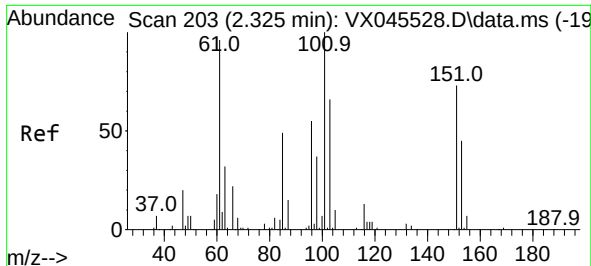
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#8
Diethyl Ether
Concen: 152.215 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 74 Resp: 96467
Ion Ratio Lower Upper
74 100
45 105.8 53.0 159.1





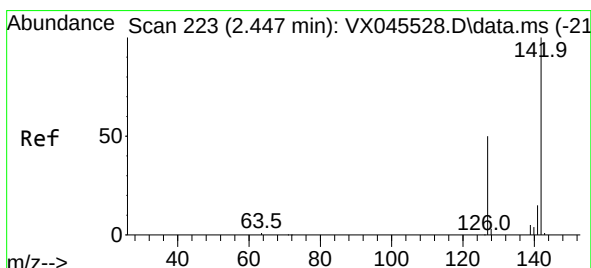
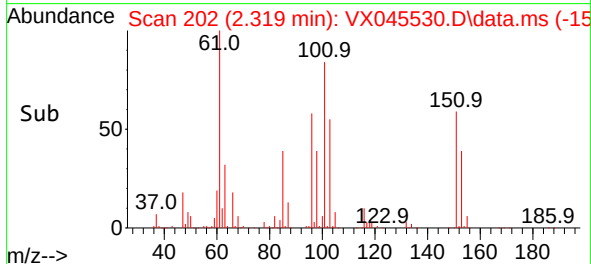
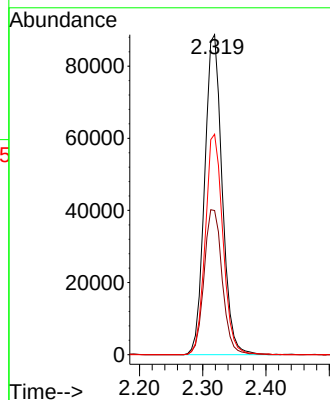
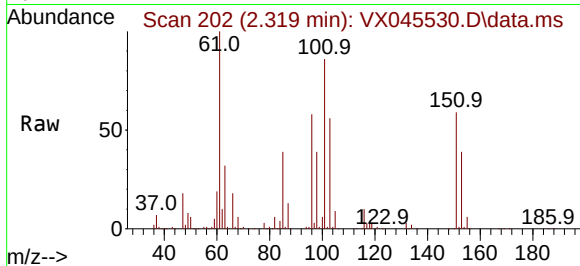
#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.698 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 171118
Ion Ratio Lower Upper
101 100
85 46.9 38.9 58.3
151 69.3 57.5 86.3

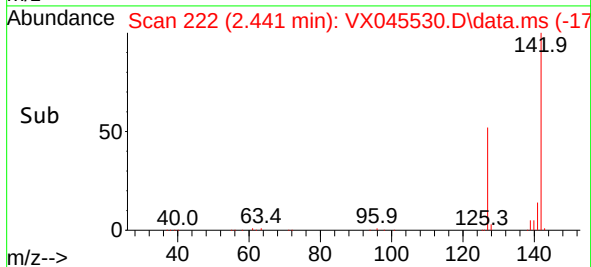
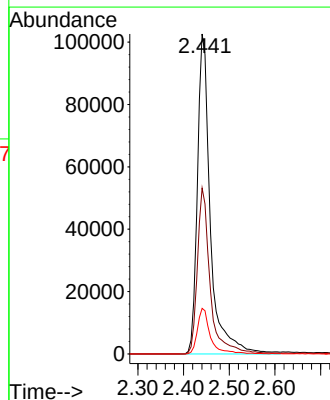
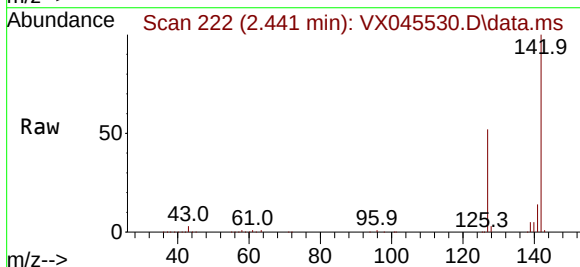
Manual Integrations
APPROVED

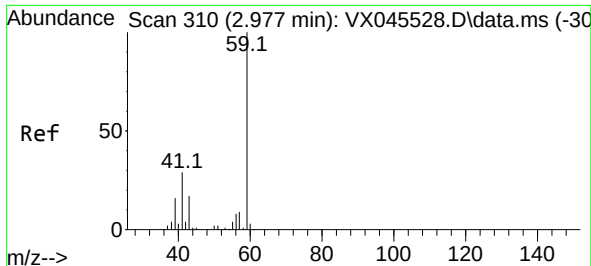
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 146.838 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

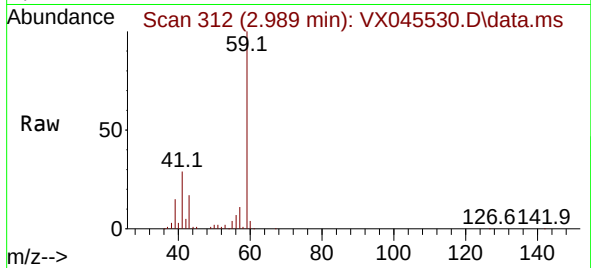
Tgt Ion:142 Resp: 202594
Ion Ratio Lower Upper
142 100
127 51.2 40.2 60.4
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 758.202 ug/l
RT: 2.989 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

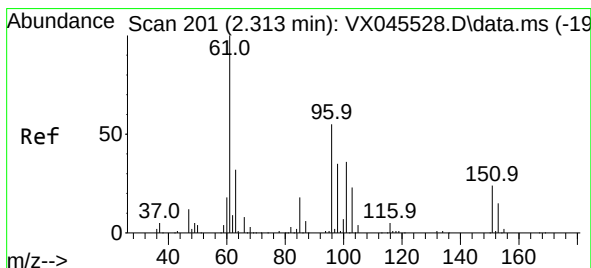
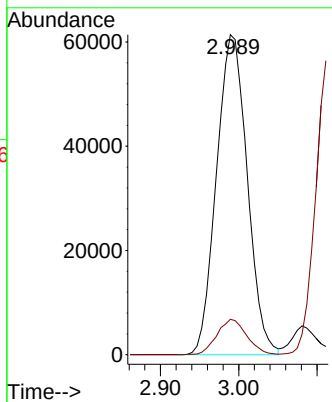
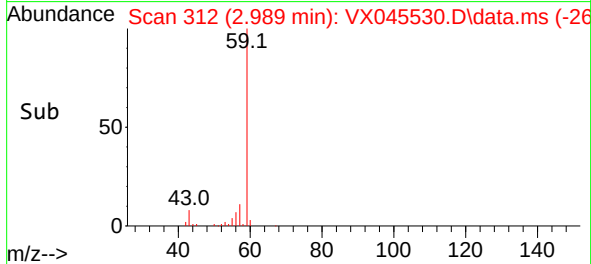
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



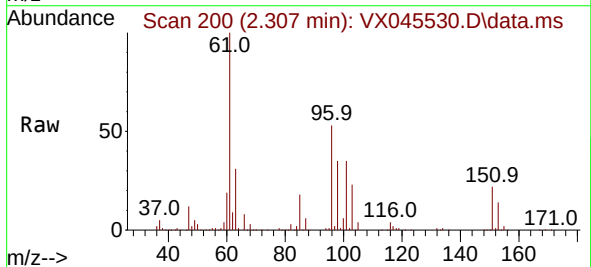
Tgt Ion: 59 Resp: 167769
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

Manual Integrations
APPROVED

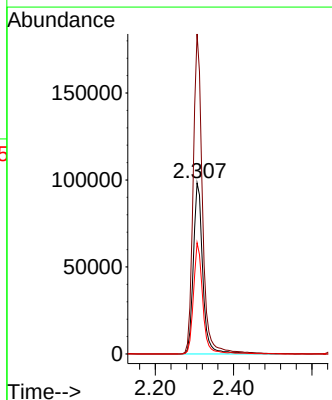
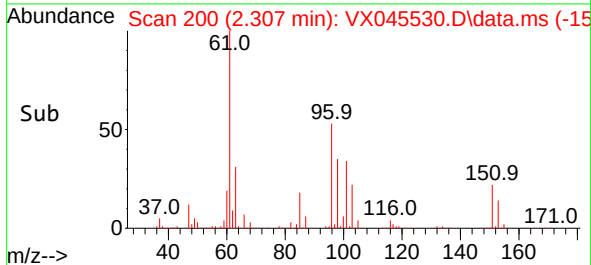
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

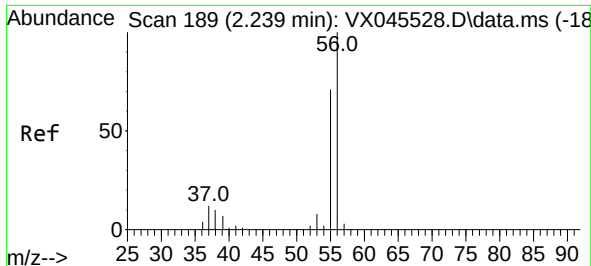


#12
1,1-Dichloroethene
Concen: 153.921 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02



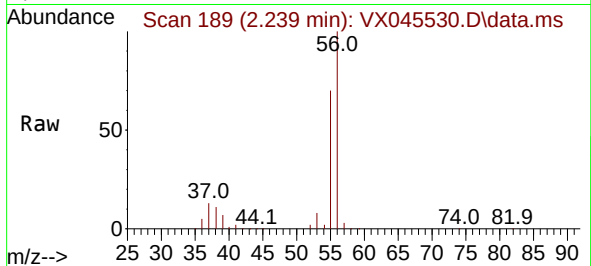
Tgt Ion: 96 Resp: 166365
Ion Ratio Lower Upper
96 100
61 187.0 145.7 218.5
98 65.0 51.6 77.4





#13
Acrolein
Concen: 764.070 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

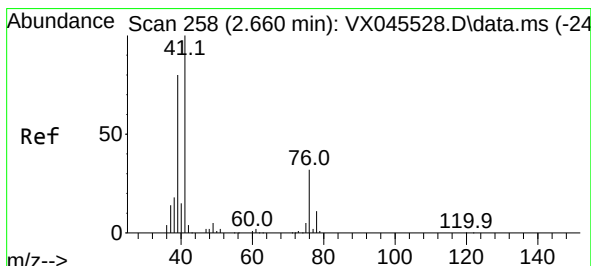
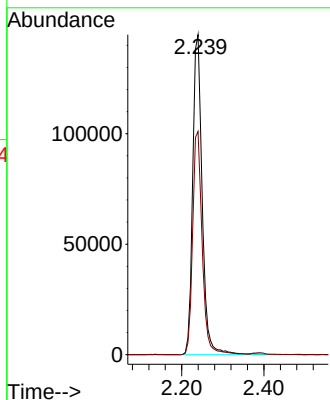
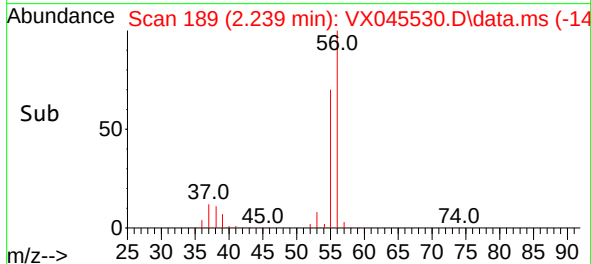
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 232818
Ion Ratio Lower Upper
56 100
55 70.2 56.2 84.2

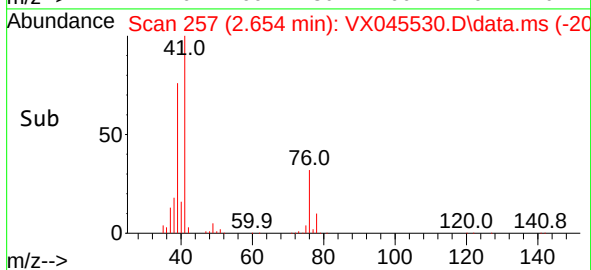
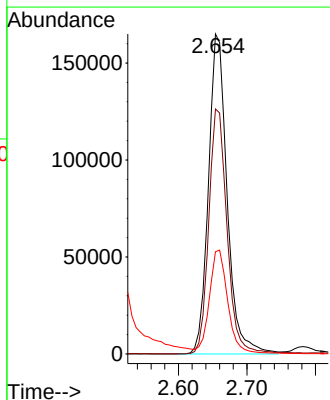
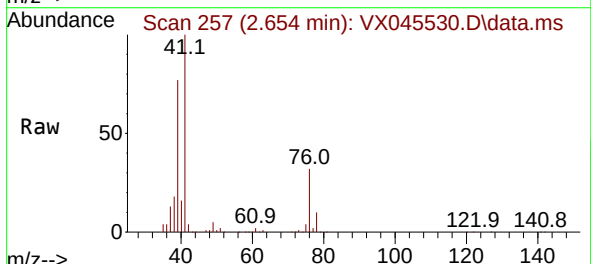
Manual Integrations
APPROVED

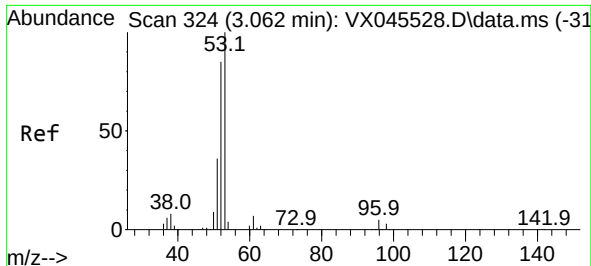
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#14
Allyl chloride
Concen: 152.755 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 41 Resp: 313268
Ion Ratio Lower Upper
41 100
39 75.0 60.2 90.2
76 32.2 24.6 36.8





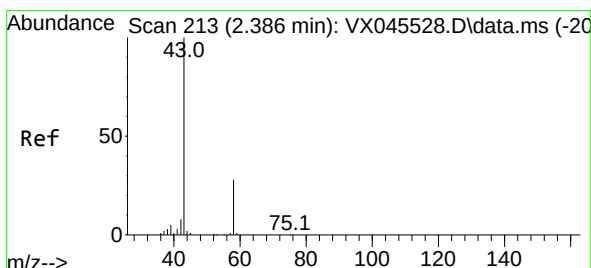
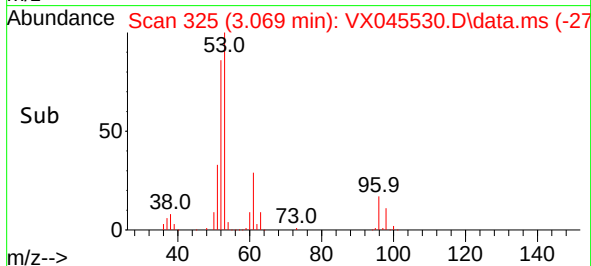
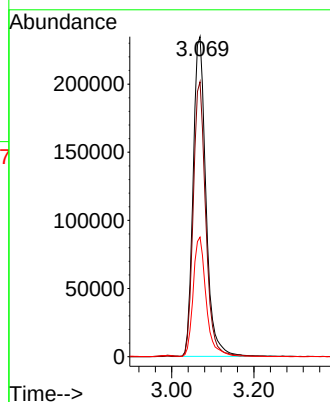
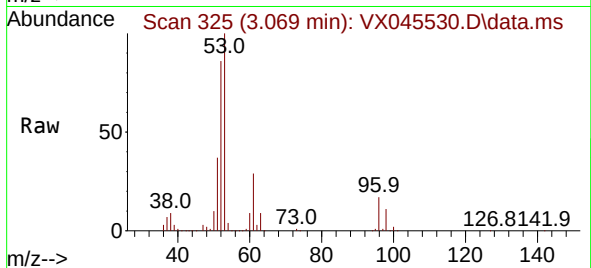
#15
Acrylonitrile
Concen: 727.247 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 50796
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.2
51 37.7 29.9 44.9

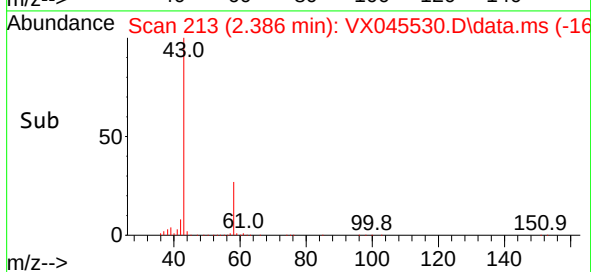
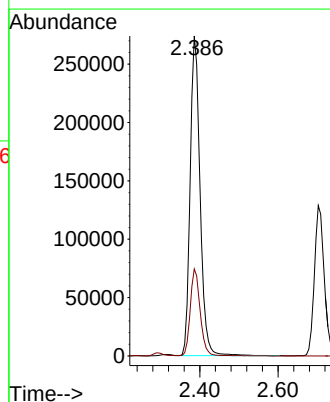
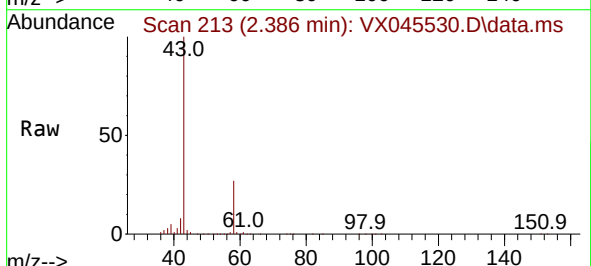
Manual Integrations
APPROVED

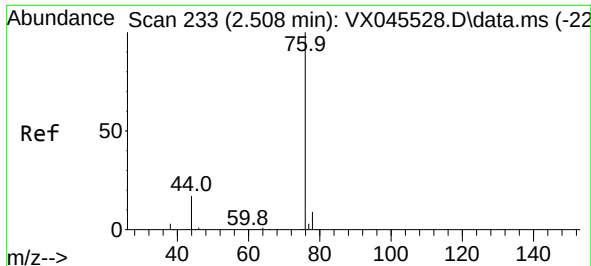
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#16
Acetone
Concen: 709.323 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

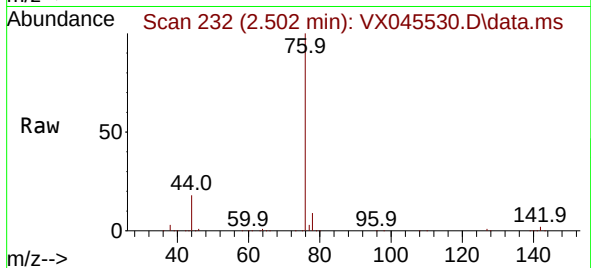
Tgt Ion: 43 Resp: 479564
Ion Ratio Lower Upper
43 100
58 27.2 22.3 33.5





#17
Carbon Disulfide
Concen: 166.133 ug/l
RT: 2.502 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

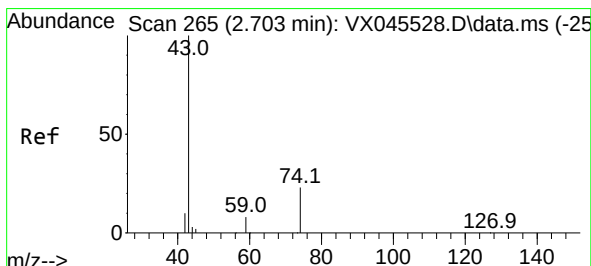
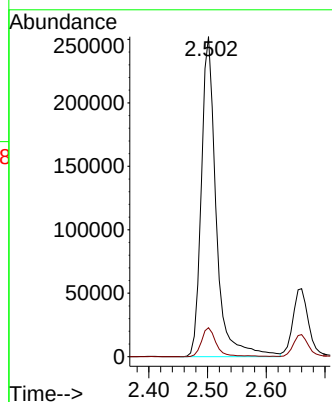
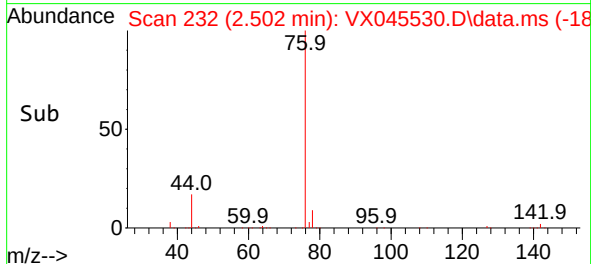
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 44349
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

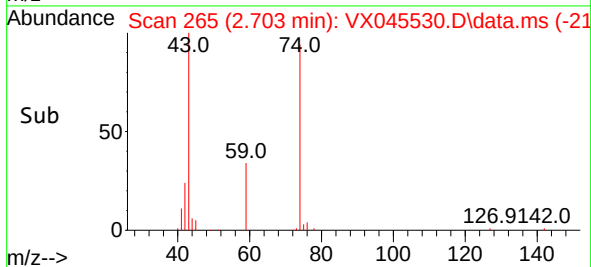
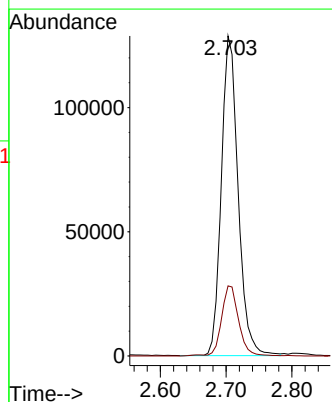
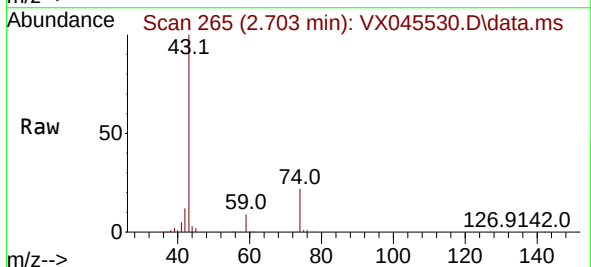
Manual Integrations
APPROVED

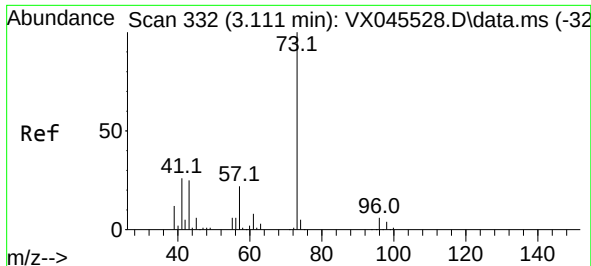
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#18
Methyl Acetate
Concen: 146.832 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 228558
Ion Ratio Lower Upper
43 100
74 22.4 17.5 26.3





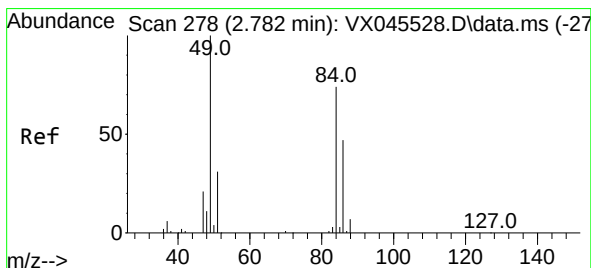
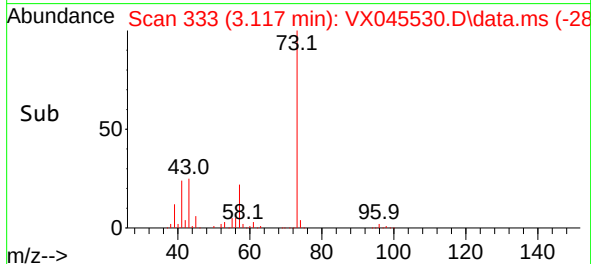
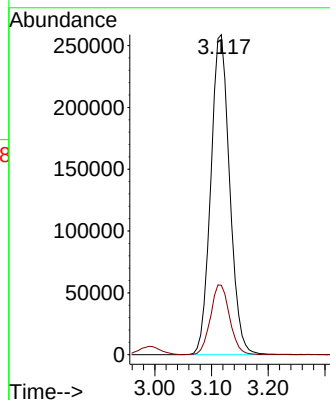
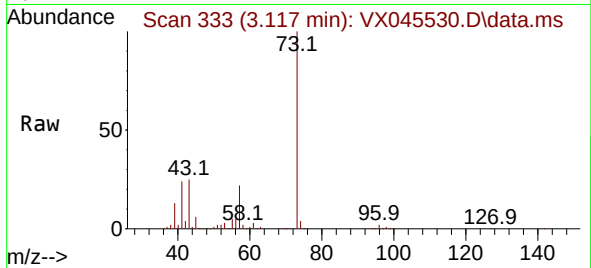
#19
Methyl tert-butyl Ether
Concen: 158.301 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 598532
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

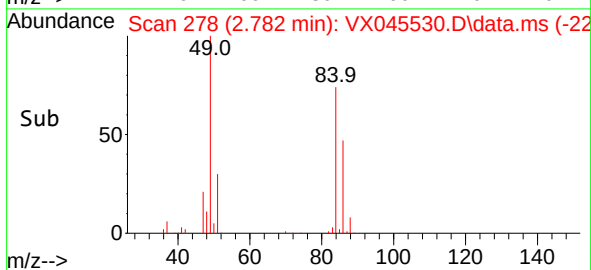
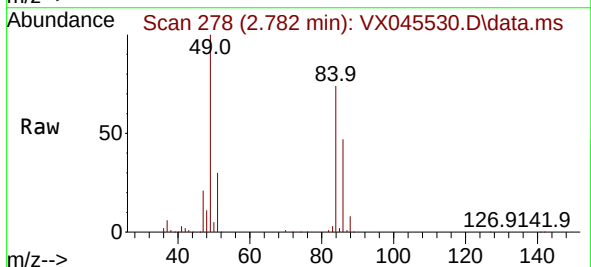
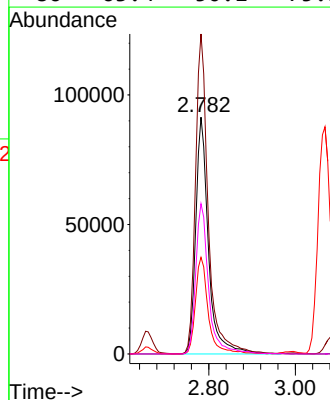
Manual Integrations
APPROVED

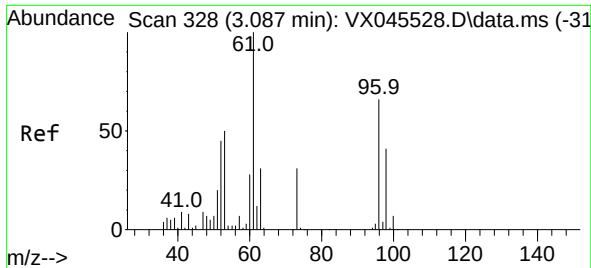
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#20
Methylene Chloride
Concen: 147.254 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

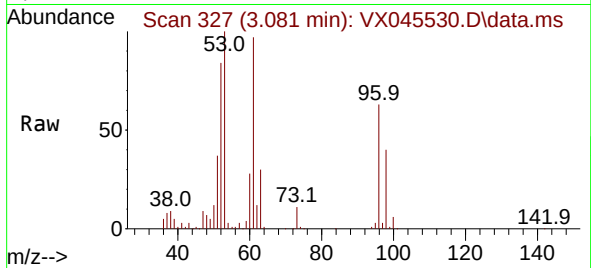
Tgt Ion: 84 Resp: 186382
Ion Ratio Lower Upper
84 100
49 135.1 107.5 161.3
51 40.8 33.0 49.6
86 63.4 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 154.210 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

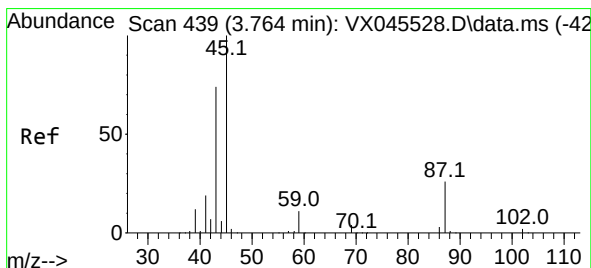
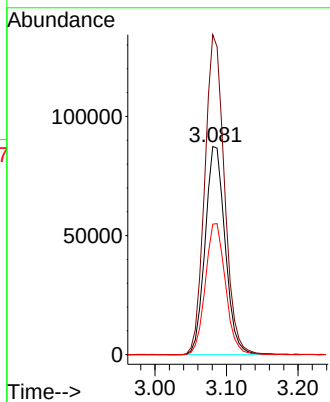
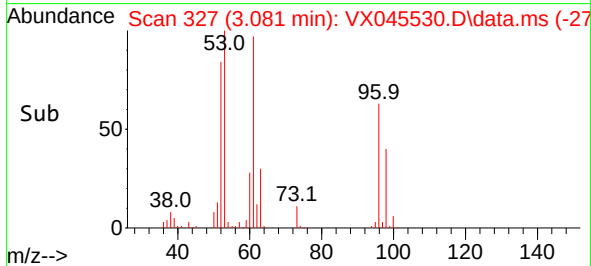
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 17028
Ion Ratio Lower Upper
96 100
61 153.7 121.0 181.6
98 62.7 49.7 74.5

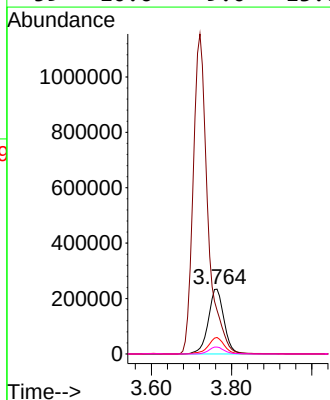
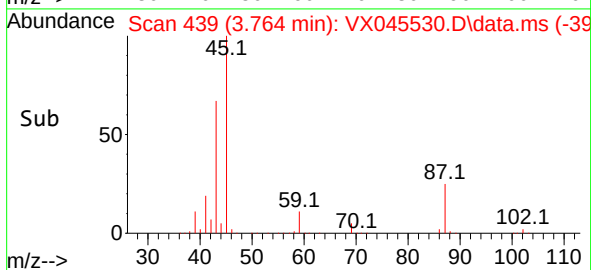
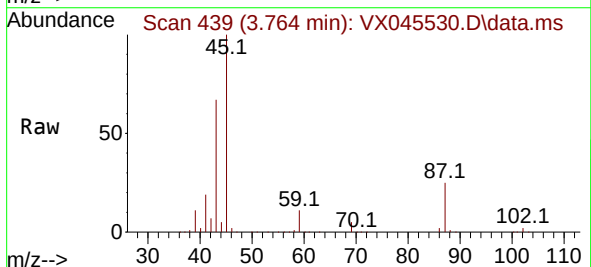
Manual Integrations
APPROVED

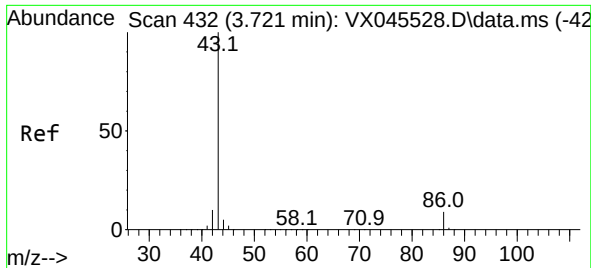
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#22
Diisopropyl ether
Concen: 157.617 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 45 Resp: 636728
Ion Ratio Lower Upper
45 100
43 67.0 59.3 88.9
87 25.5 20.4 30.6
59 10.6 9.0 13.6





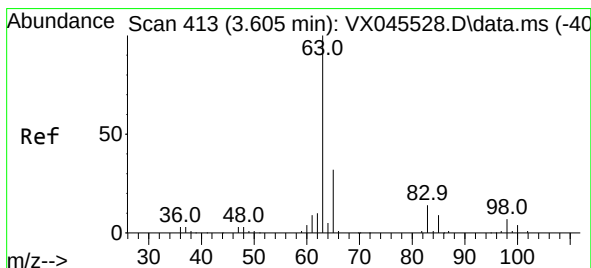
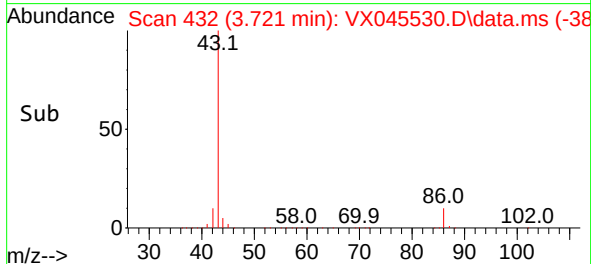
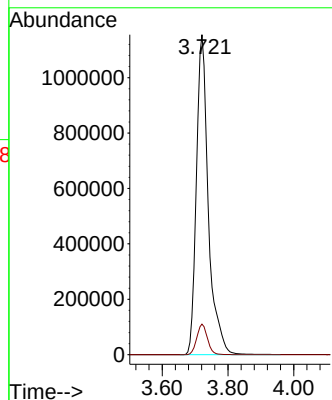
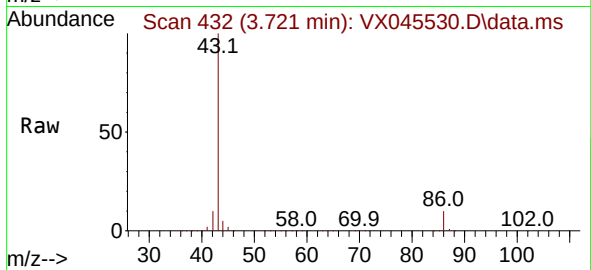
#23
 Vinyl Acetate
 Concen: 834.120 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 2911320
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3

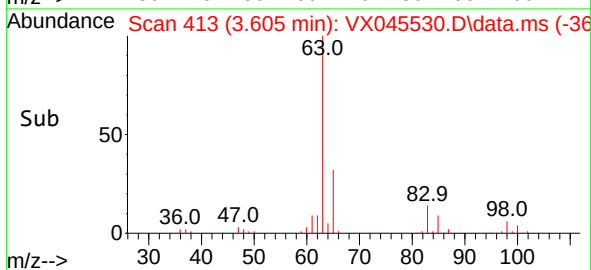
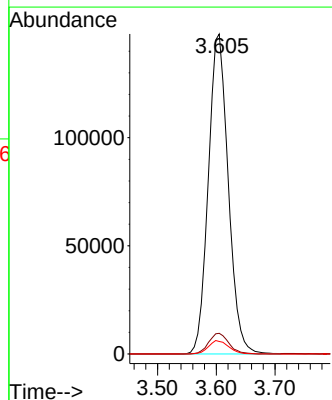
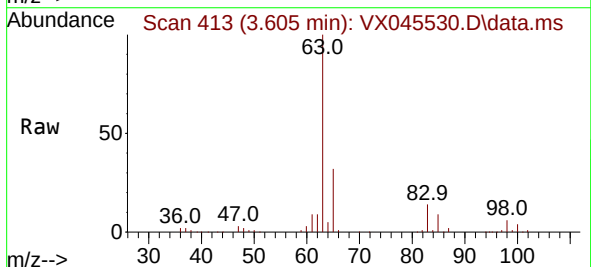
Manual Integrations
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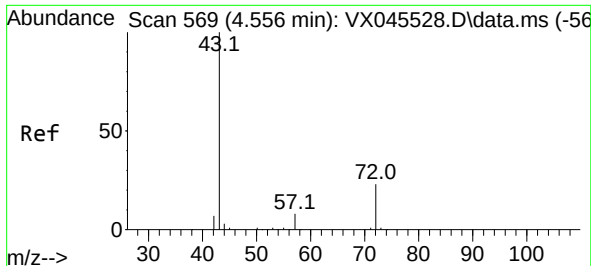
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#24
 1,1-Dichloroethane
 Concen: 152.778 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

Tgt Ion: 63 Resp: 349040
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 3.9 2.2 6.6





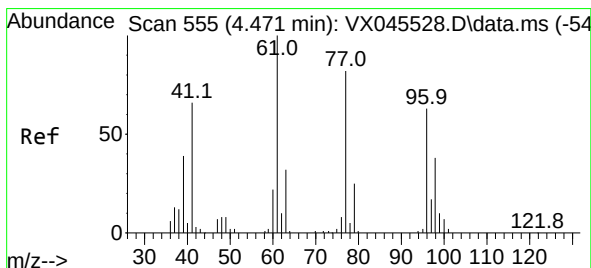
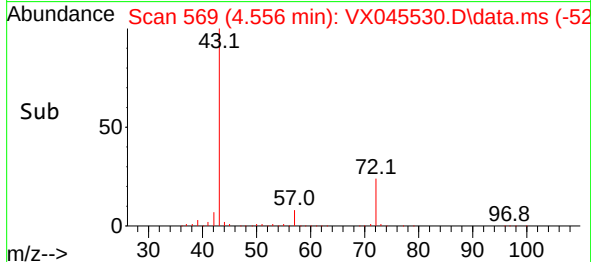
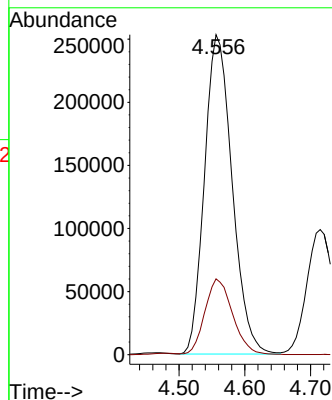
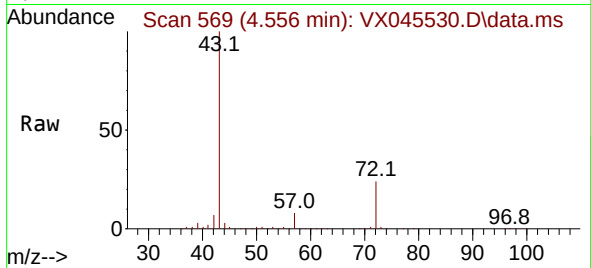
#25
2-Butanone
Concen: 747.834 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 740090
Ion Ratio Lower Upper
43 100
72 23.6 18.6 28.0

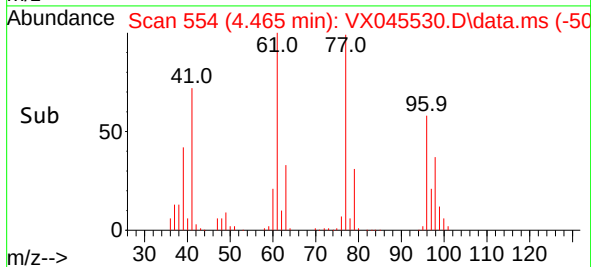
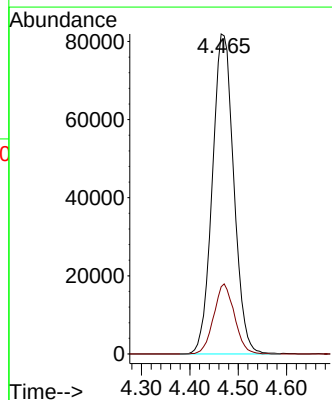
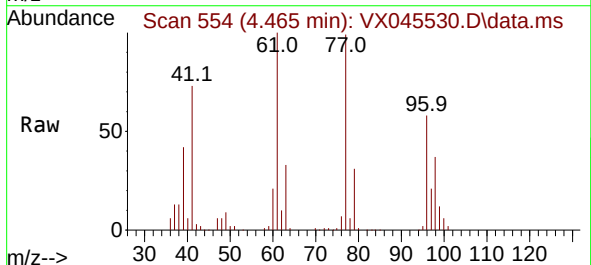
Manual Integrations
APPROVED

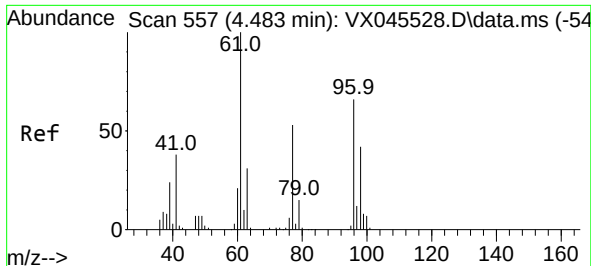
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 170.765 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 77 Resp: 252063
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 152.571 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 205254

Ion Ratio Lower Upper

96 100

61 158.2 0.0 313.2

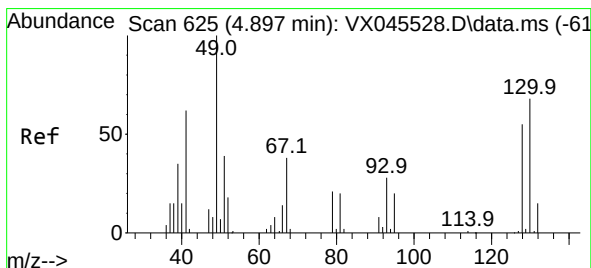
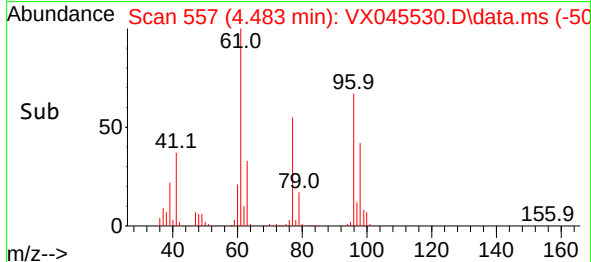
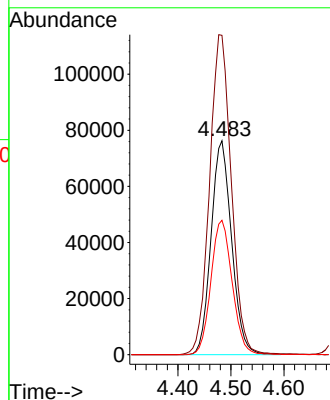
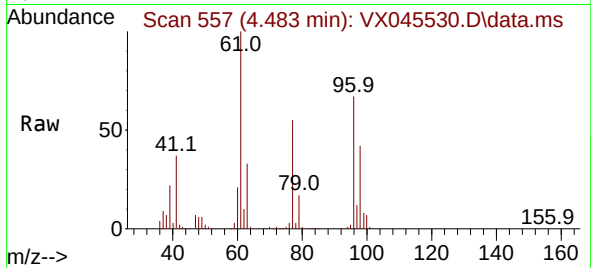
98 64.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 140.938 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

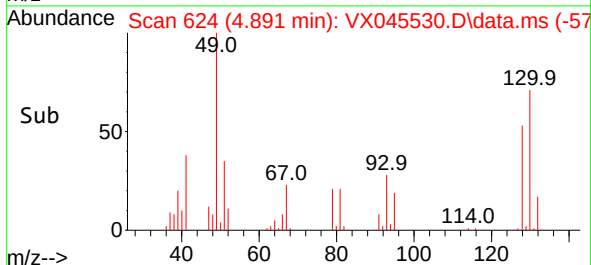
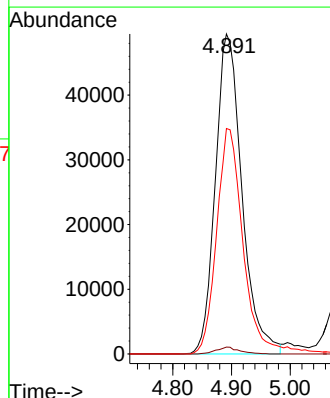
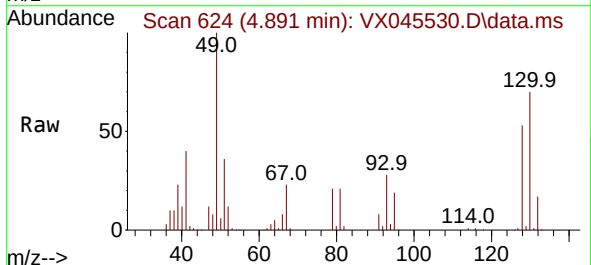
Tgt Ion: 49 Resp: 155600

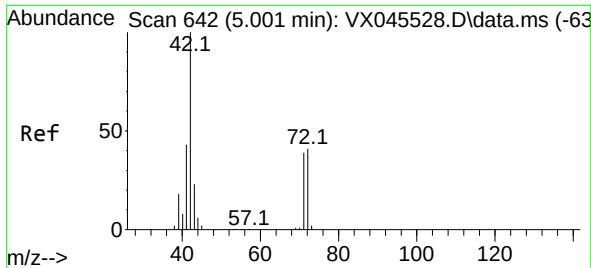
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

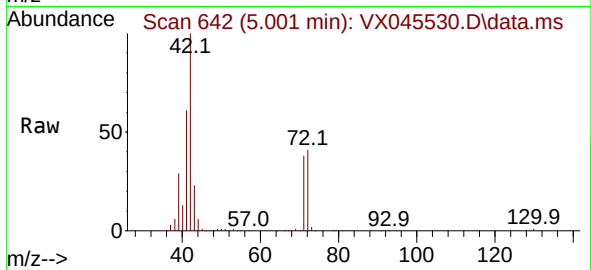
130 70.7 54.6 81.8





#29
Tetrahydrofuran
Concen: 741.226 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

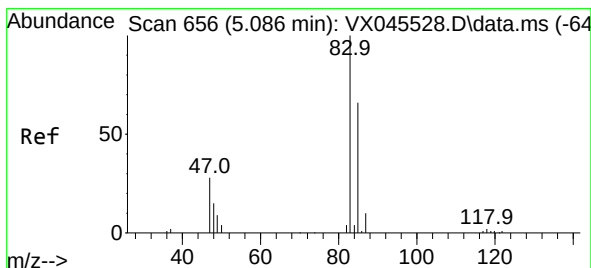
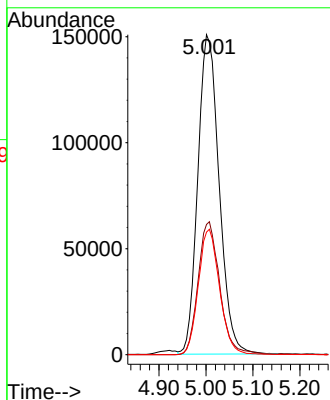
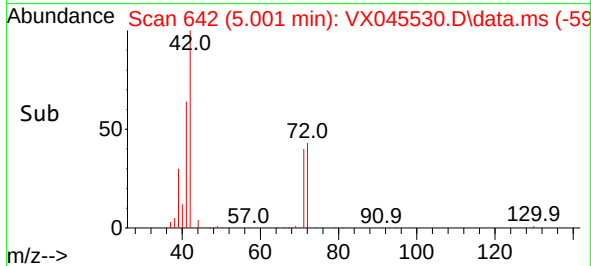
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 42 Resp: 475589
Ion Ratio Lower Upper
42 100
72 42.3 33.4 50.0
71 39.2 31.4 47.0

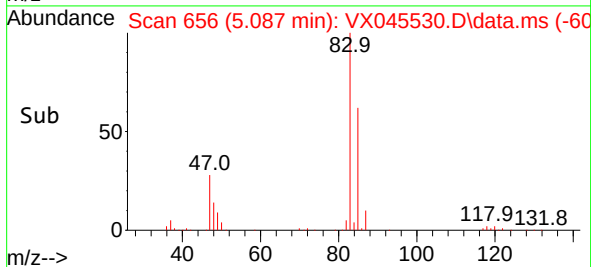
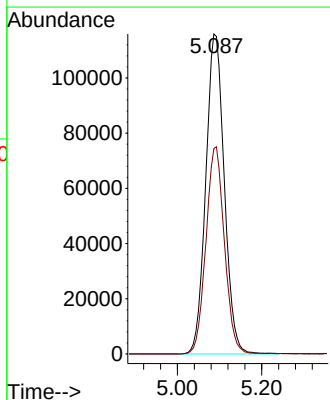
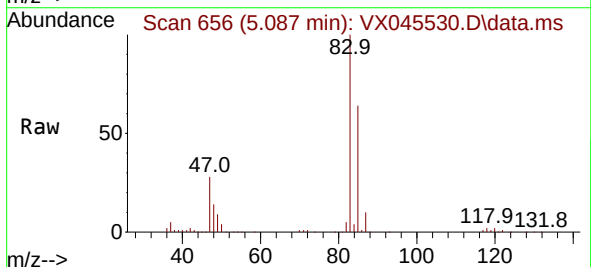
Manual Integrations
APPROVED

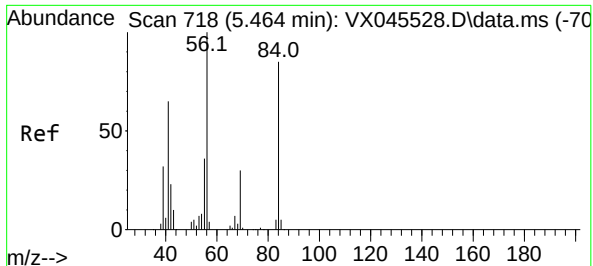
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#30
Chloroform
Concen: 150.451 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

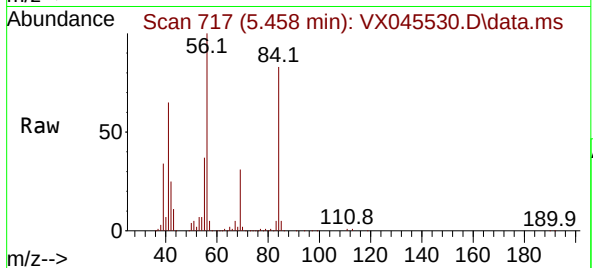
Tgt Ion: 83 Resp: 353681
Ion Ratio Lower Upper
83 100
85 64.2 52.8 79.2





#31
Cyclohexane
Concen: 153.595 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

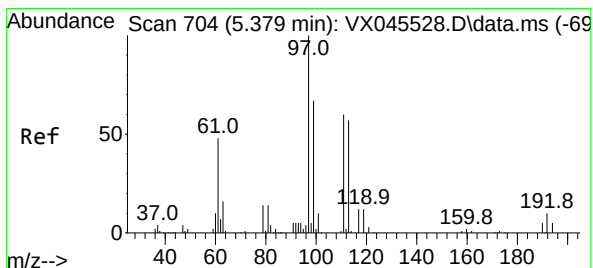
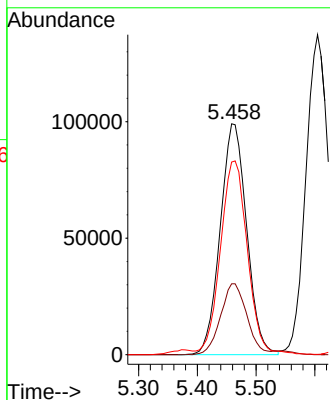
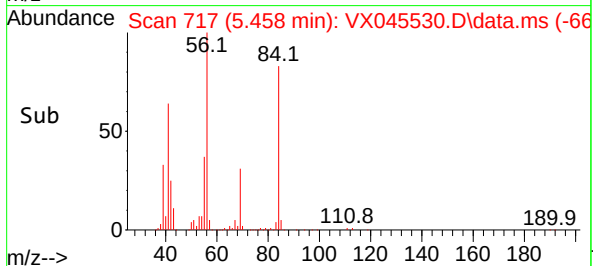
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 310219
Ion Ratio Lower Upper
56 100
69 30.7 23.6 35.4
84 81.9 67.7 101.5

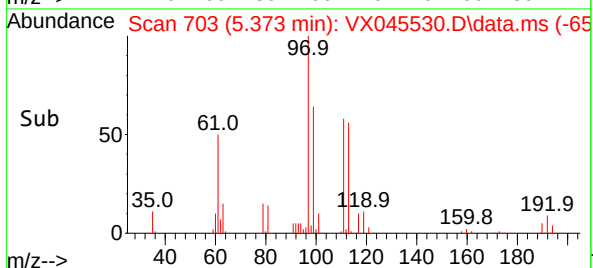
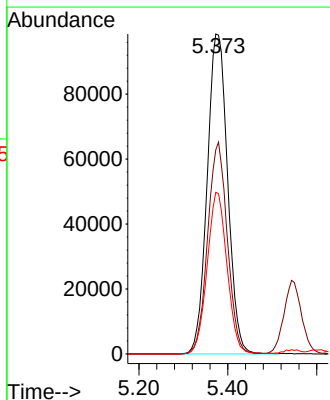
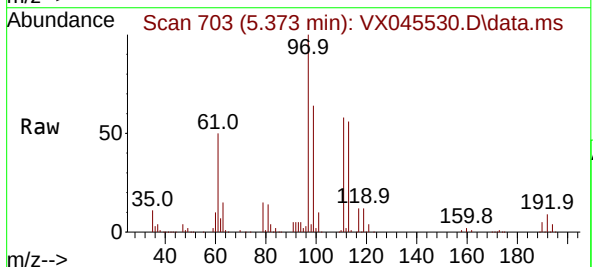
Manual Integrations
APPROVED

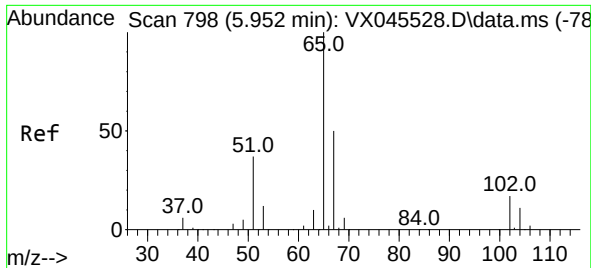
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#32
1,1,1-Trichloroethane
Concen: 158.426 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 97 Resp: 315136
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 49.1 41.0 61.4





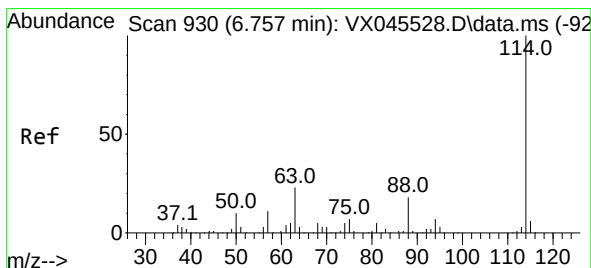
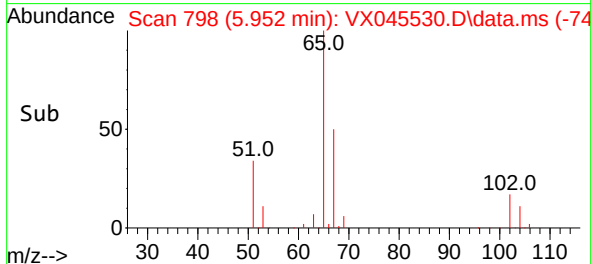
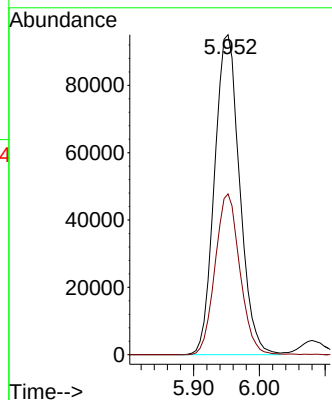
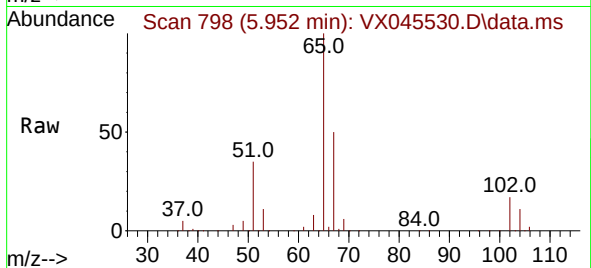
#33
1,2-Dichloroethane-d4
Concen: 153.661 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 252998
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

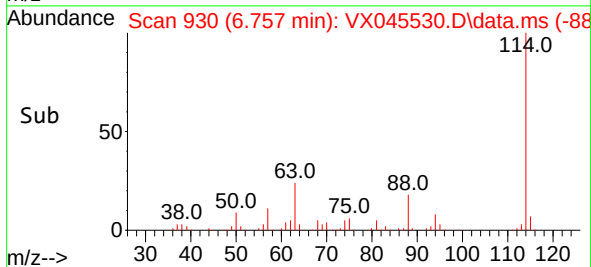
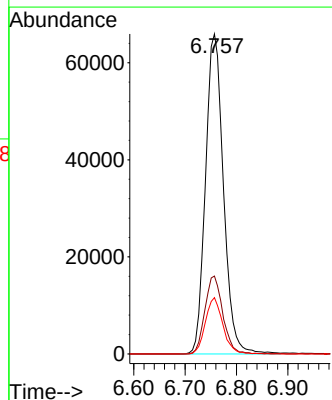
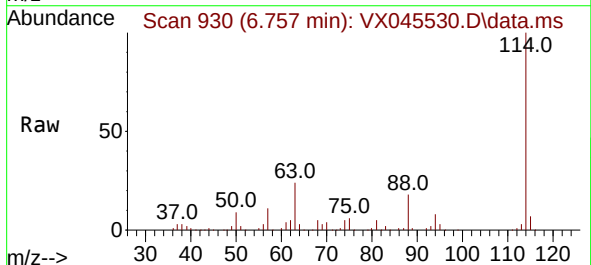
Manual Integrations
APPROVED

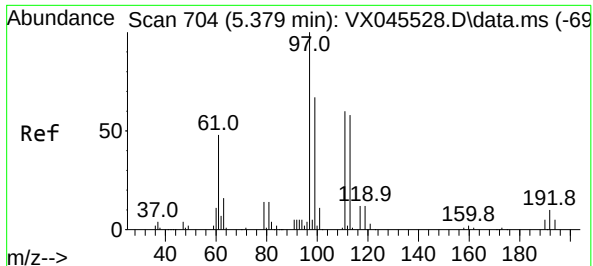
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

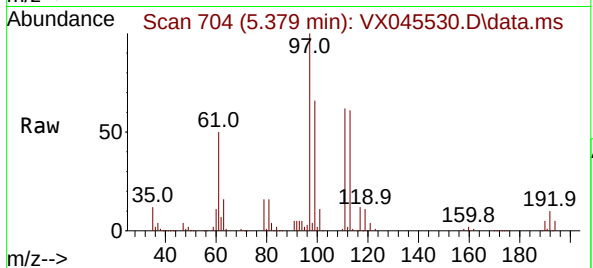
Tgt Ion:114 Resp: 160037
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 17.6 0.0 35.4





#35
Dibromofluoromethane
Concen: 152.887 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

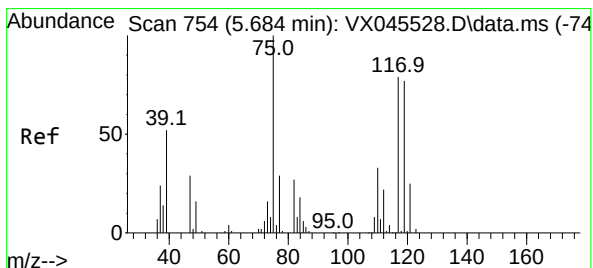
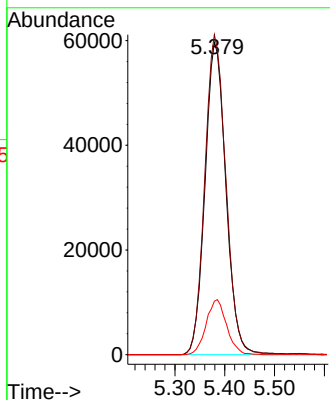
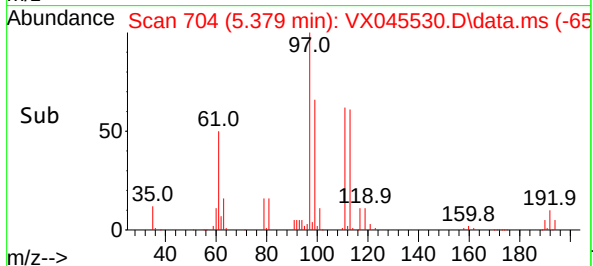
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 113 Resp: 173598
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 17.3 13.8 20.6

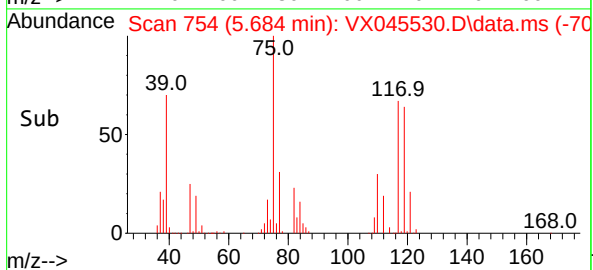
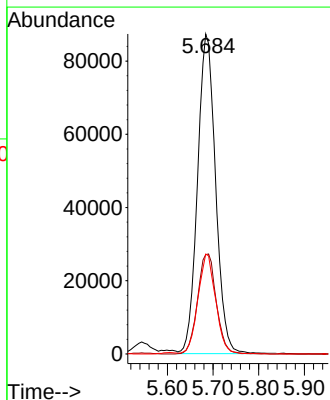
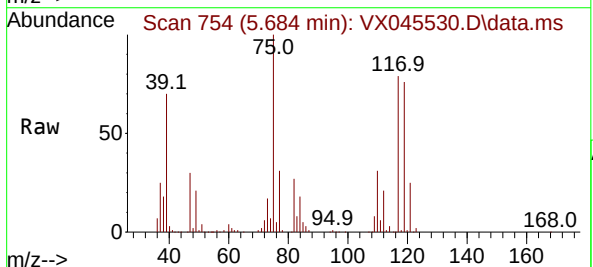
Manual Integrations
APPROVED

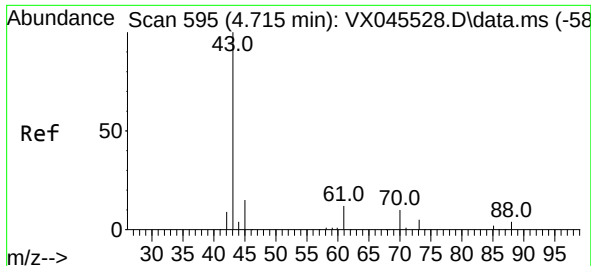
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#36
1,1-Dichloropropene
Concen: 156.399 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

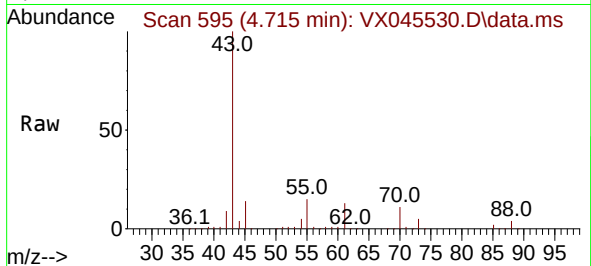
Tgt Ion: 75 Resp: 239776
Ion Ratio Lower Upper
75 100
110 32.4 16.9 50.6
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 152.461 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

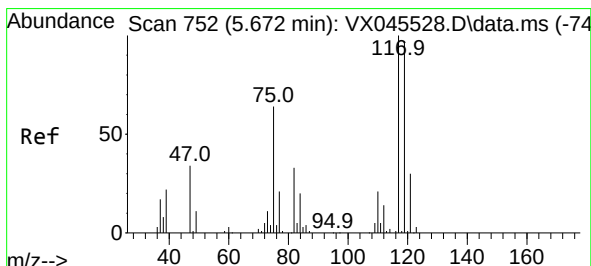
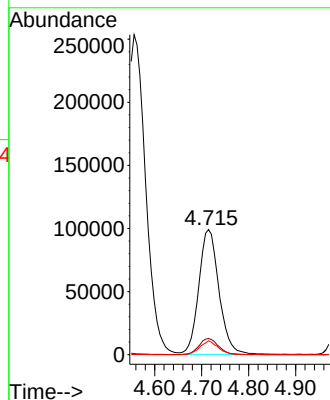
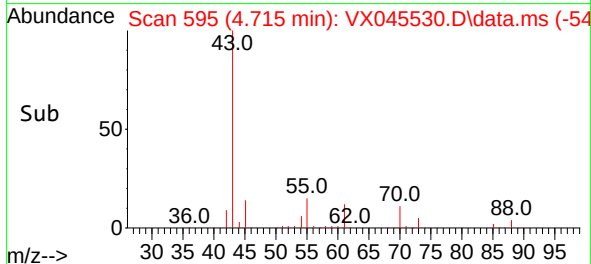
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 294559
Ion Ratio Lower Upper
43 100
61 12.5 9.9 14.9
70 10.0 7.5 11.3

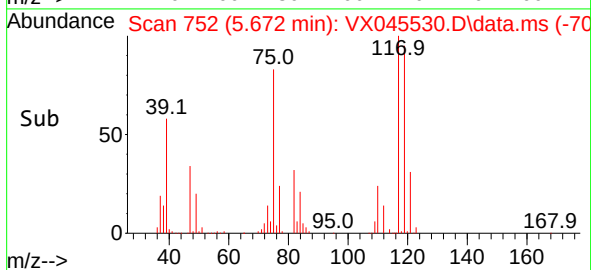
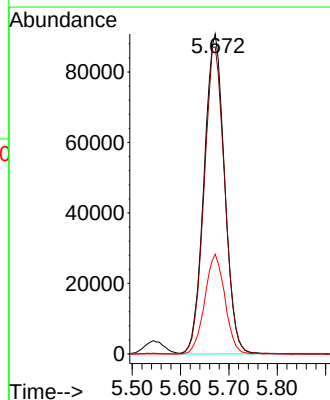
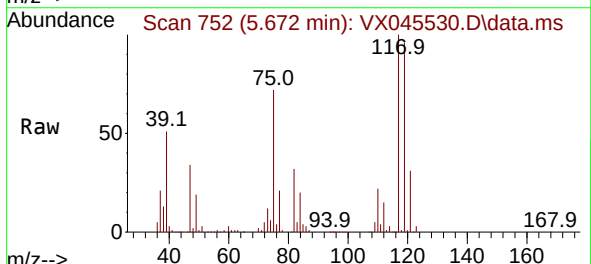
Manual Integrations
APPROVED

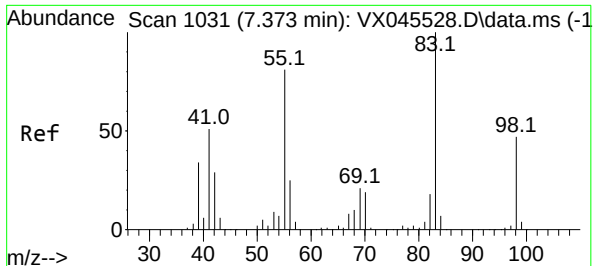
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#38
Carbon Tetrachloride
Concen: 161.005 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:117 Resp: 266770
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3
121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 161.366 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

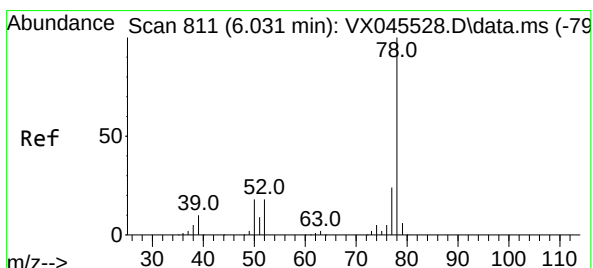
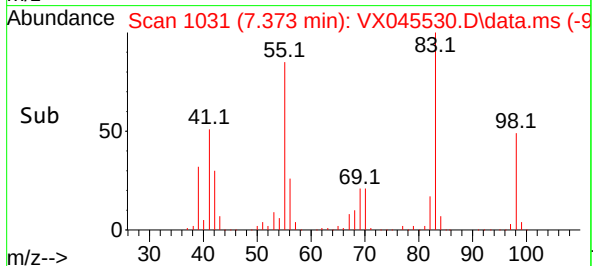
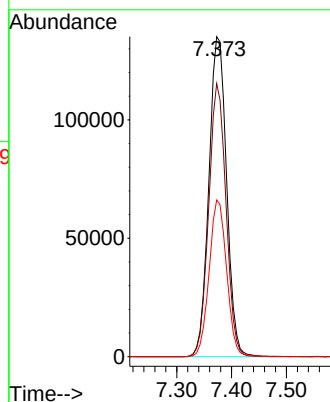
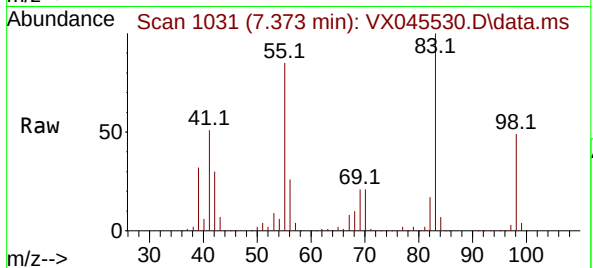
Tgt Ion: 83 Resp: 30325
 Ion Ratio Lower Upper
 83 100
 55 85.4 64.9 97.3
 98 49.0 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#40

Benzene

Concen: 150.208 ug/l

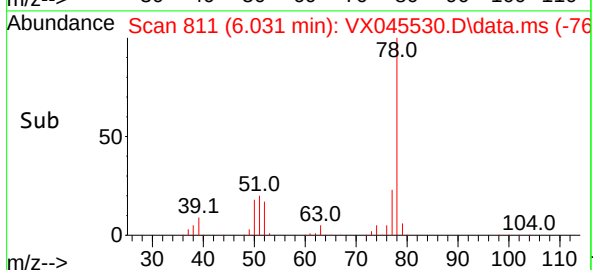
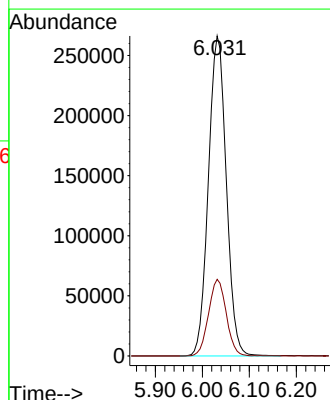
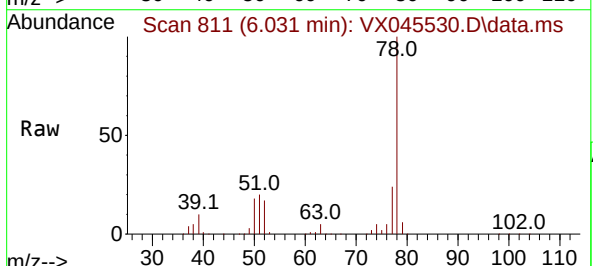
RT: 6.031 min Scan# 811

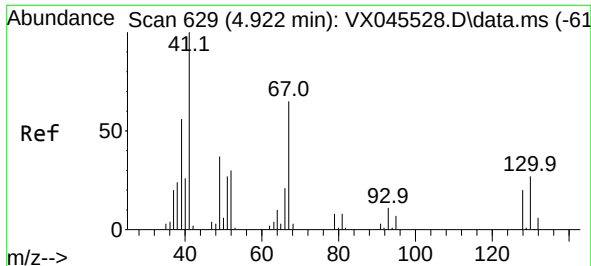
Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Tgt Ion: 78 Resp: 703311
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.0 28.6





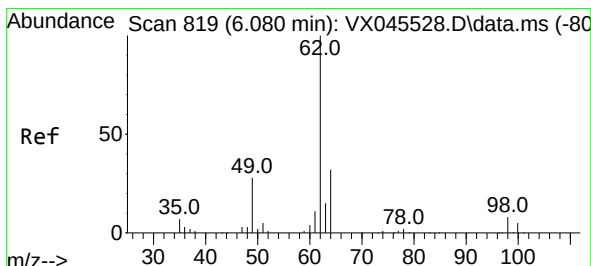
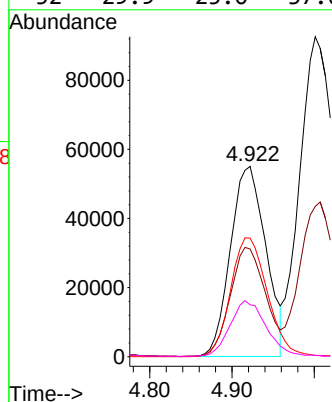
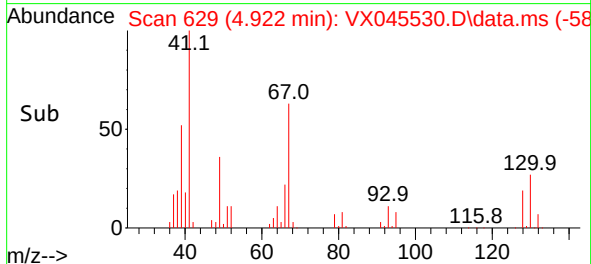
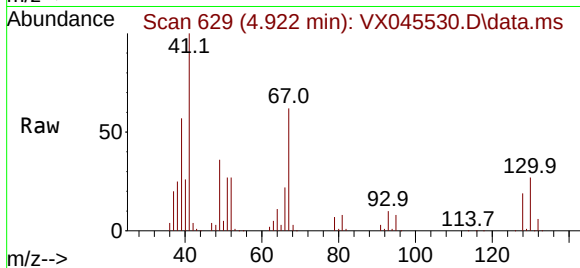
#41
Methacrylonitrile
Concen: 160.155 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 164699
Ion Ratio Lower Upper
41 100
39 57.4 47.0 70.6
67 65.5 53.2 79.8
52 29.9 25.0 37.6

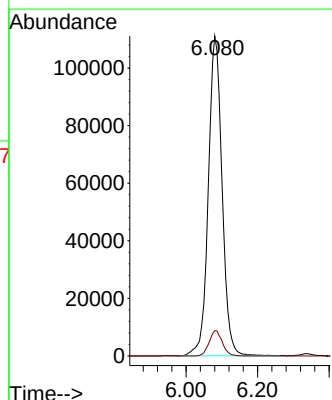
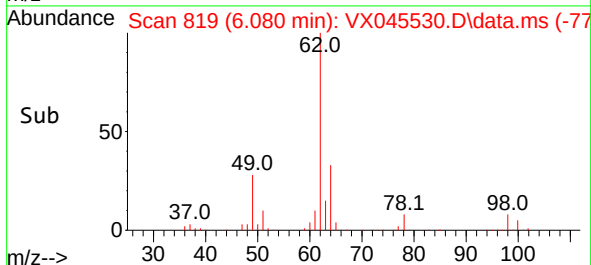
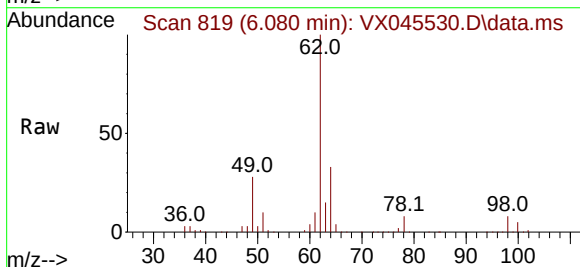
Manual Integrations
APPROVED

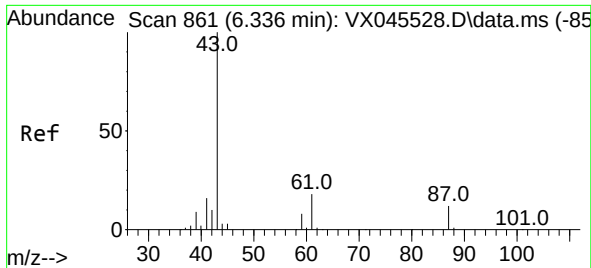
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#42
1,2-Dichloroethane
Concen: 153.146 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 62 Resp: 296168
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





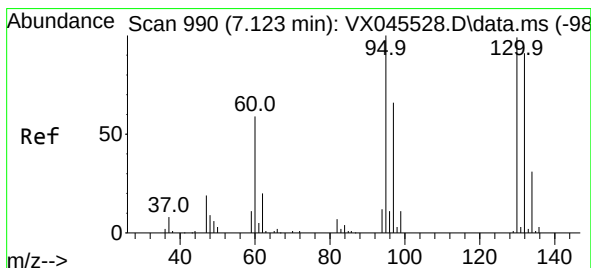
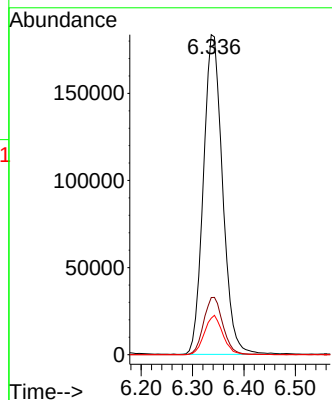
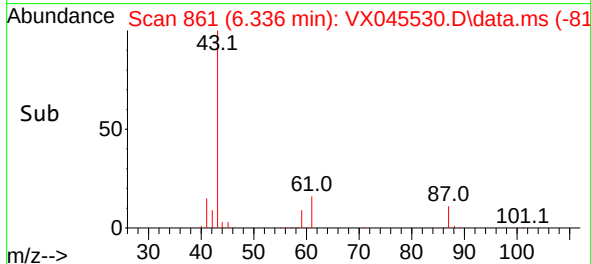
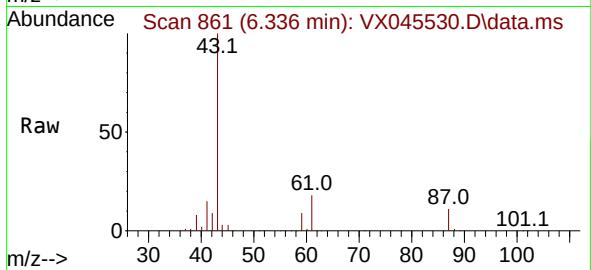
#43
Isopropyl Acetate
Concen: 162.494 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 47582
Ion Ratio Lower Upper
43 100
61 18.1 14.1 21.1
87 11.8 9.2 13.8

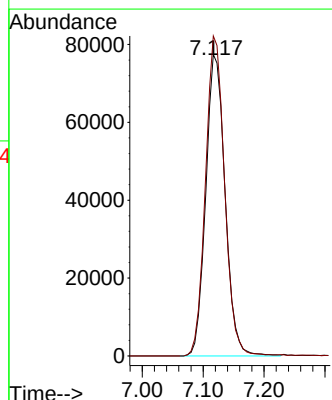
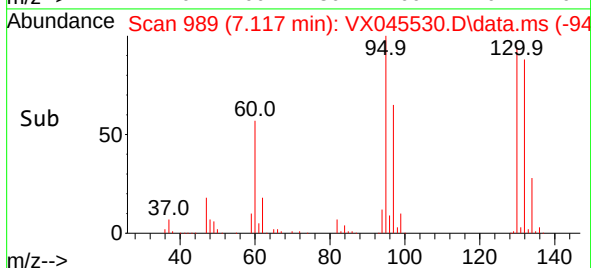
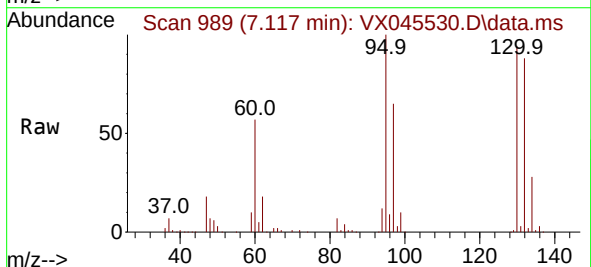
Manual Integrations
APPROVED

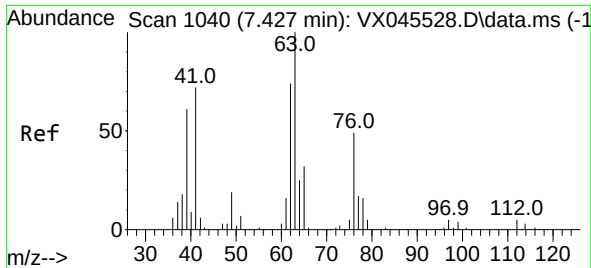
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#44
Trichloroethene
Concen: 153.599 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:130 Resp: 170940
Ion Ratio Lower Upper
130 100
95 106.1 0.0 202.0





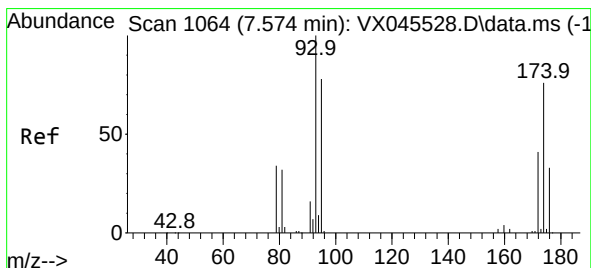
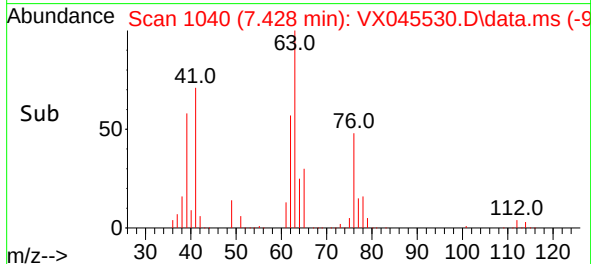
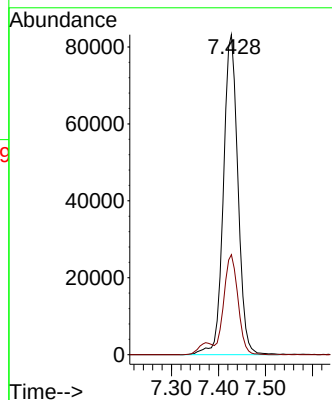
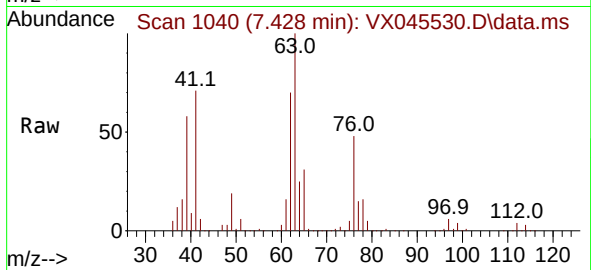
#45
1,2-Dichloropropane
Concen: 153.610 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 17945
Ion Ratio Lower Upper
63 100
65 31.3 25.8 38.6

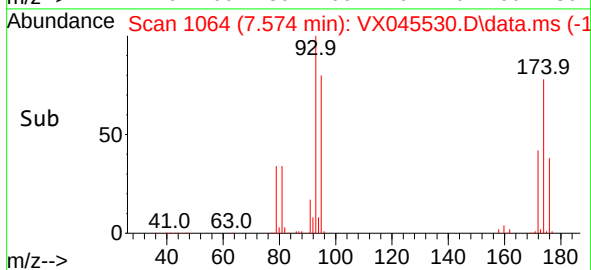
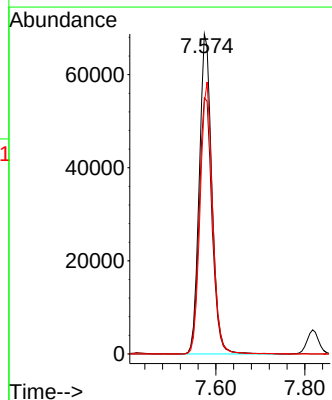
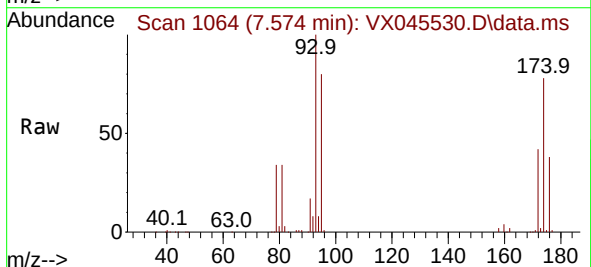
Manual Integrations
APPROVED

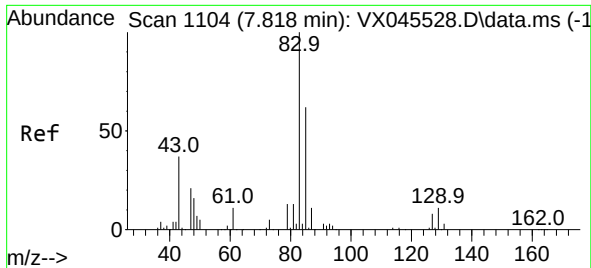
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#46
Dibromomethane
Concen: 150.996 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

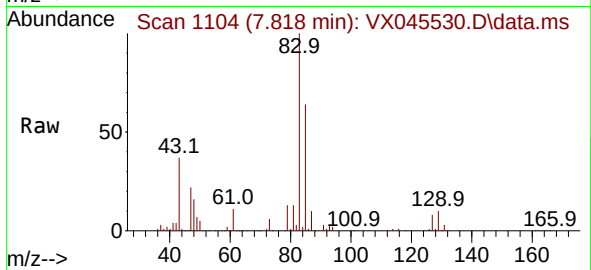
Tgt Ion: 93 Resp: 135415
Ion Ratio Lower Upper
93 100
95 82.4 64.8 97.2
174 84.1 65.4 98.0





#47
Bromodichloromethane
Concen: 156.272 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

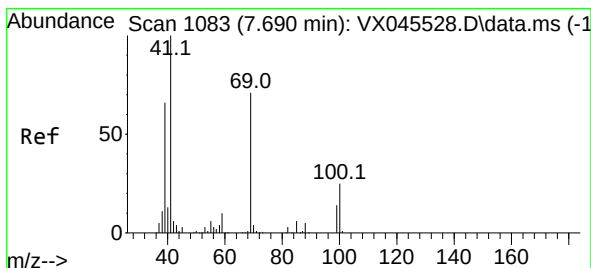
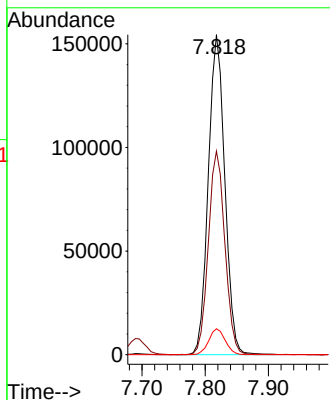
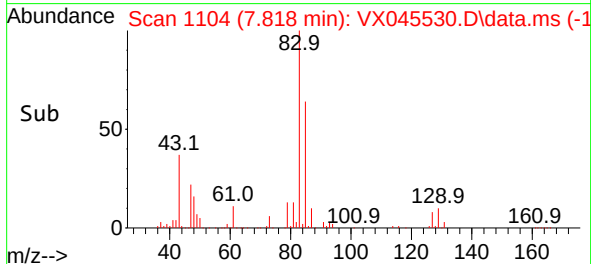
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 27988
Ion Ratio Lower Upper
83 100
85 63.6 49.7 74.5
127 8.1 6.1 9.1

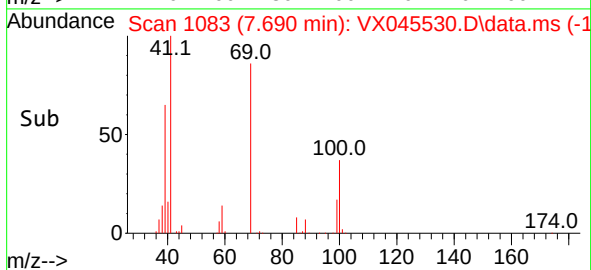
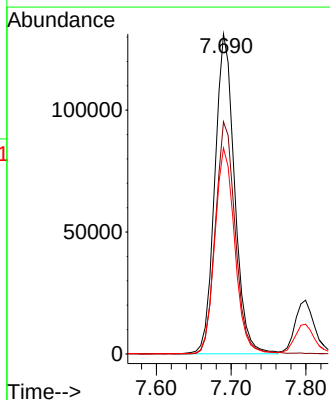
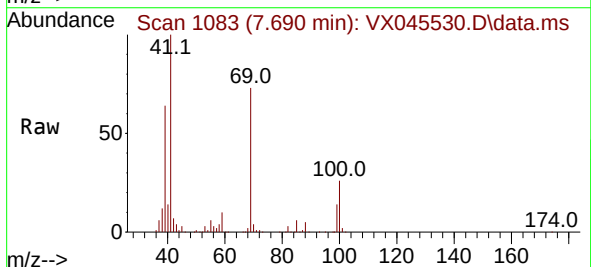
Manual Integrations
APPROVED

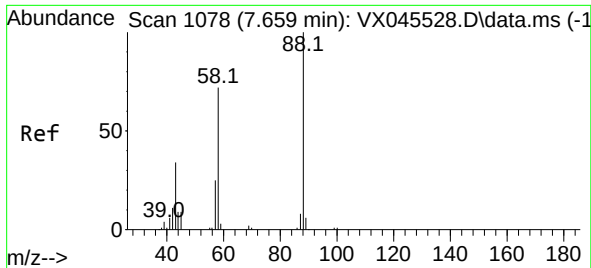
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#48
Methyl methacrylate
Concen: 159.281 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

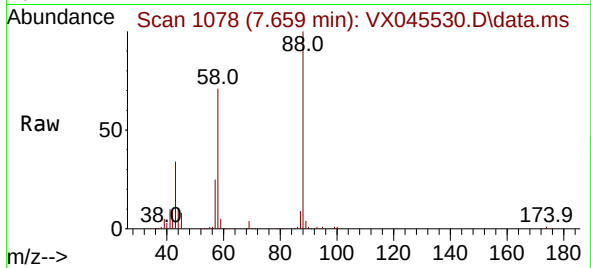
Tgt Ion: 41 Resp: 240818
Ion Ratio Lower Upper
41 100
69 73.0 58.2 87.2
39 64.9 53.6 80.4





#49
1,4-Dioxane
Concen: 2739.196 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

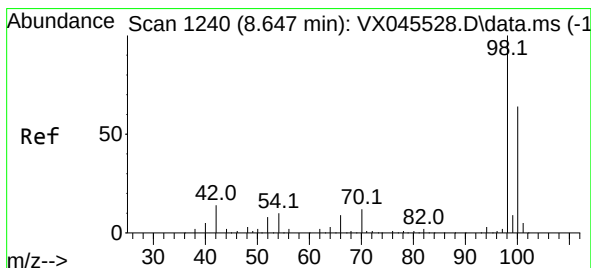
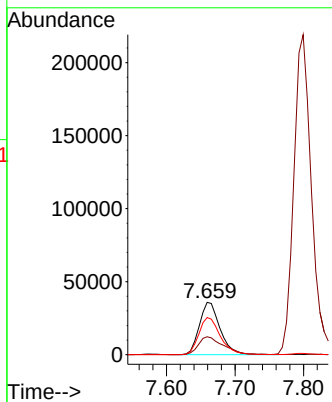
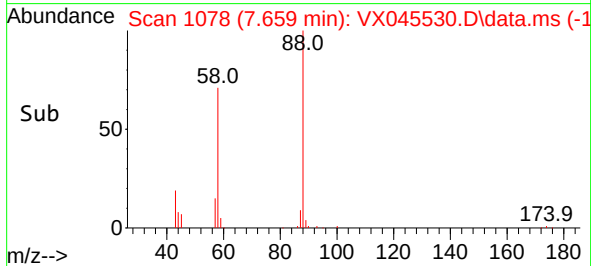
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 74929
Ion Ratio Lower Upper
88 100
43 40.8 32.2 48.4
58 74.2 58.6 88.0

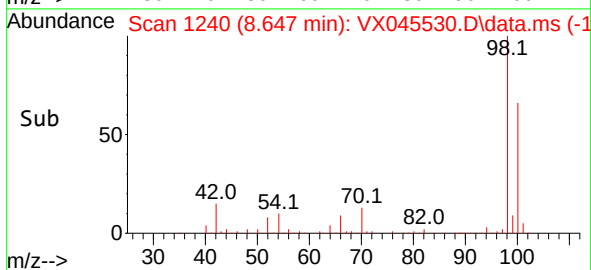
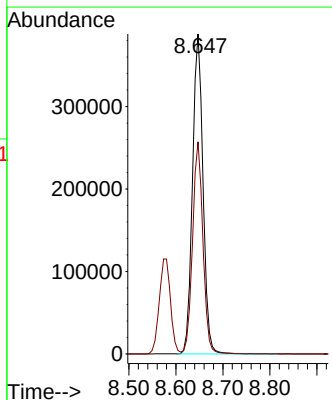
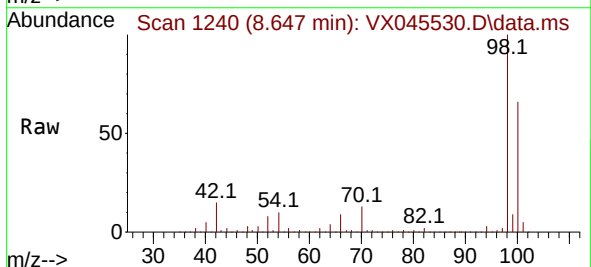
Manual Integrations
APPROVED

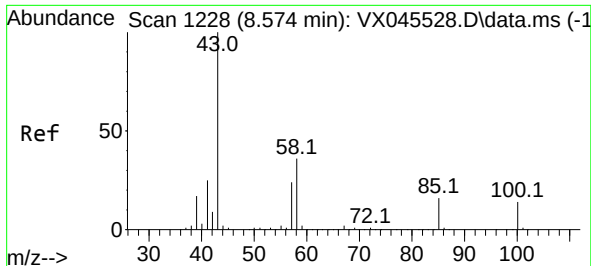
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#50
Toluene-d8
Concen: 152.216 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 98 Resp: 603264
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4





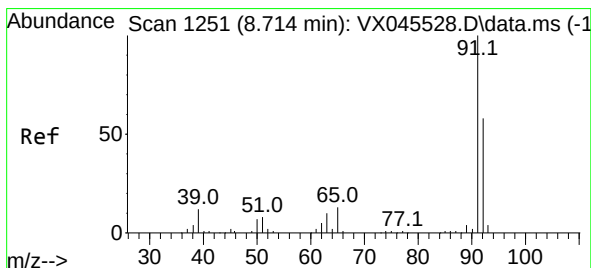
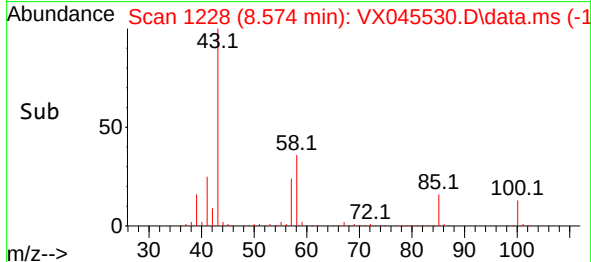
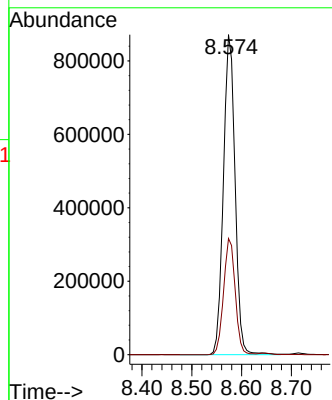
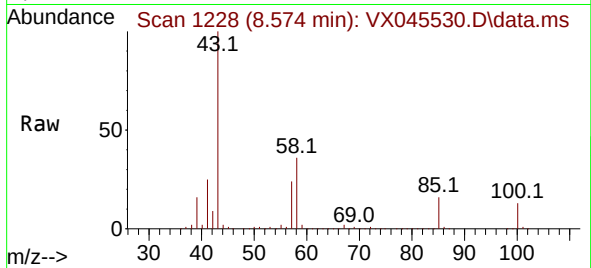
#51
4-Methyl-2-Pentanone
Concen: 728.817 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 141477
Ion Ratio Lower Upper
43 100
58 36.2 28.5 42.7

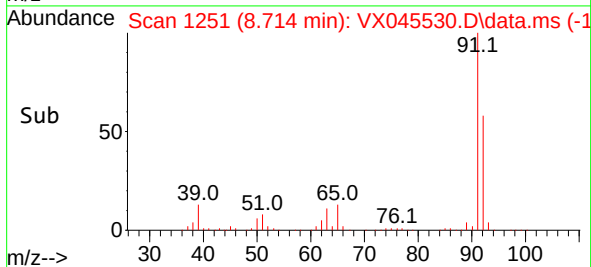
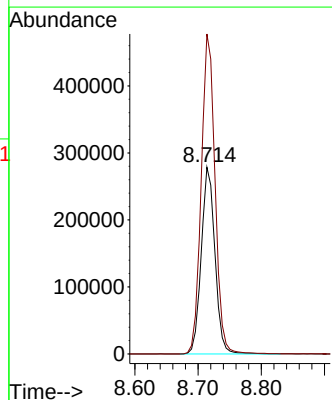
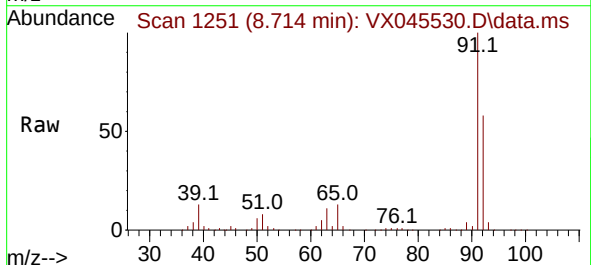
Manual Integrations
APPROVED

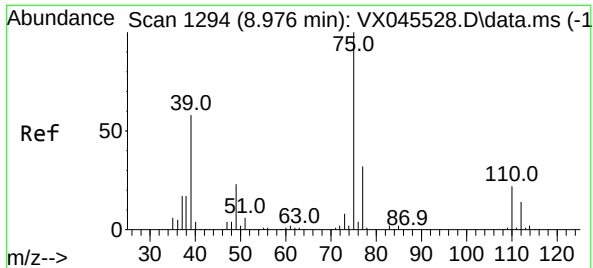
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 148.245 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

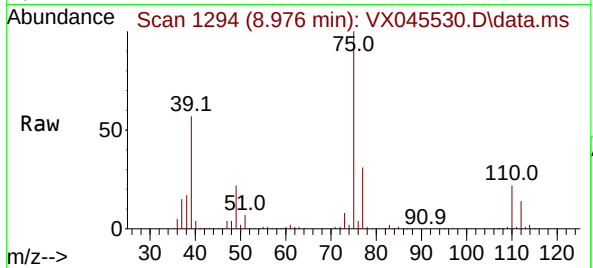
Tgt Ion: 92 Resp: 420015
Ion Ratio Lower Upper
92 100
91 173.3 138.7 208.1





#53
 t-1,3-Dichloropropene
 Concen: 150.589 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

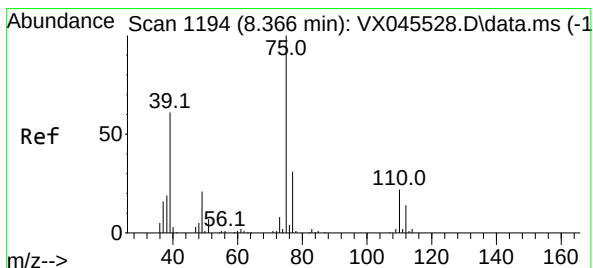
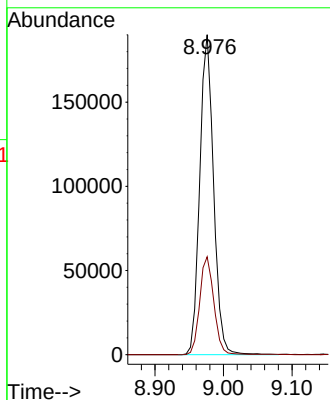
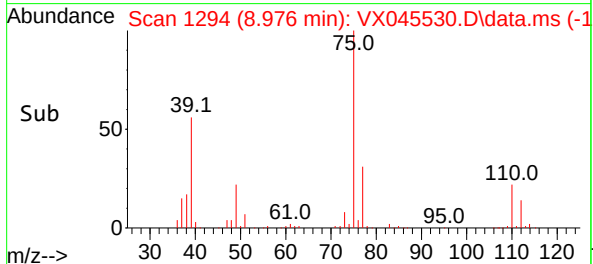
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion: 75 Resp: 26767
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0

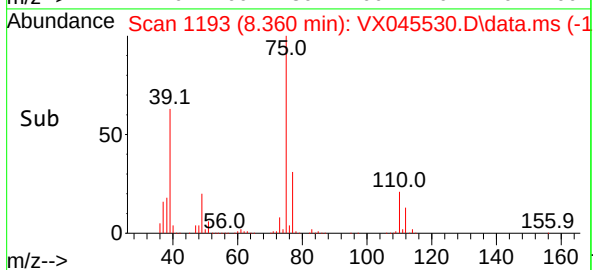
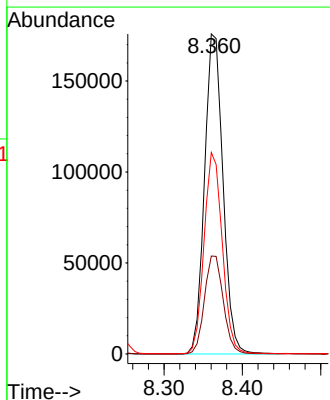
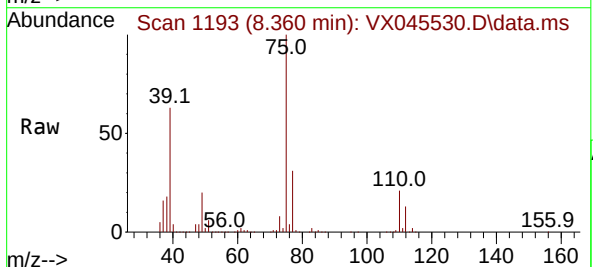
Manual Integrations
 APPROVED

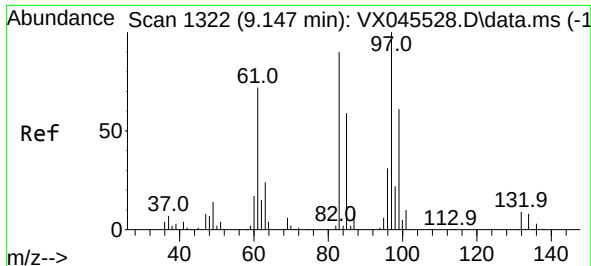
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#54
 cis-1,3-Dichloropropene
 Concen: 171.104 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

Tgt Ion: 75 Resp: 287973
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 36.8
 39 62.9 48.4 72.6





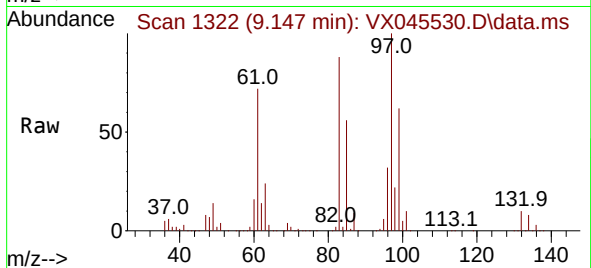
#55
1,1,2-Trichloroethane
Concen: 144.752 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



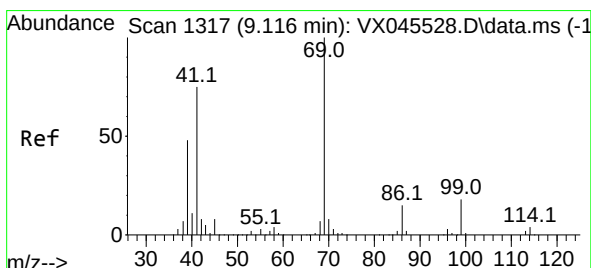
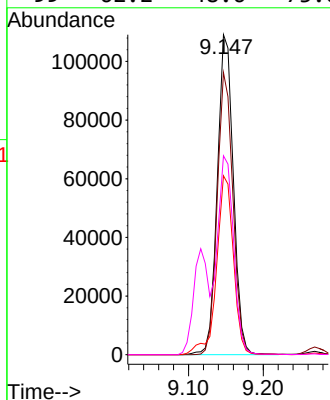
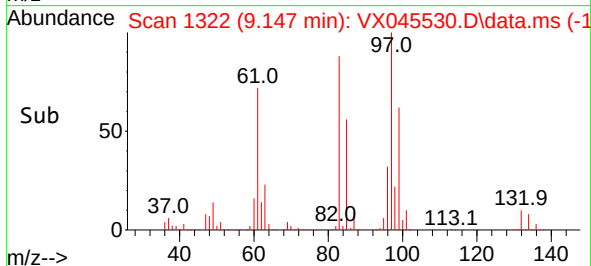
Tgt Ion: 97 Resp: 163420
Ion Ratio Lower Upper
97 100
83 88.2 71.8 107.8
85 55.9 47.0 70.6
99 62.2 48.6 73.0

Manual Integrations

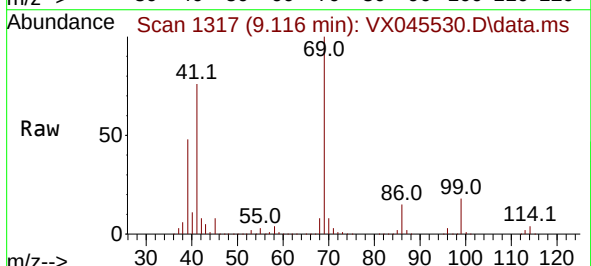
APPROVED

Reviewed By :Amit Patel 04/02/2025

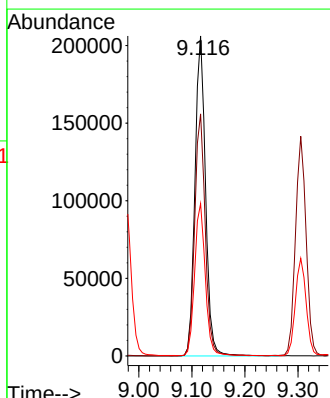
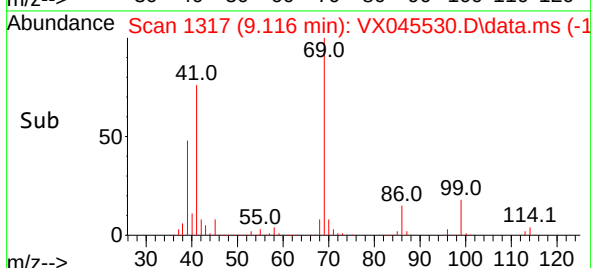
Supervised By :Mahesh Dadoda 04/02/2025

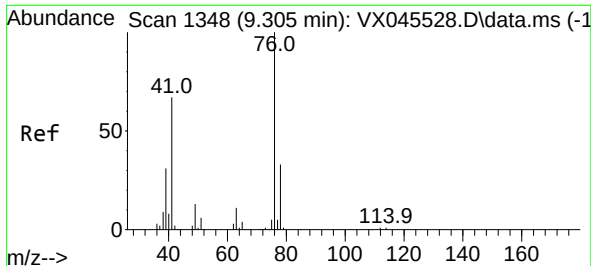


#56
Ethyl methacrylate
Concen: 163.624 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02



Tgt Ion: 69 Resp: 285895
Ion Ratio Lower Upper
69 100
41 76.2 61.3 91.9
39 48.0 40.2 60.2





#57

1,3-Dichloropropane

Concen: 146.708 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 288430

Ion Ratio Lower Upper

76 100

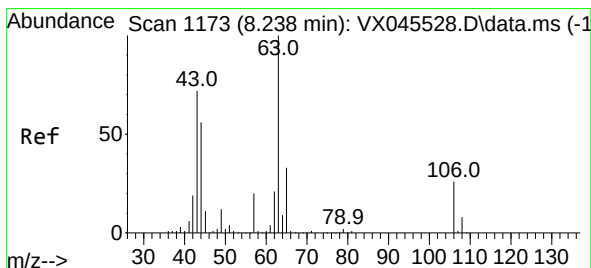
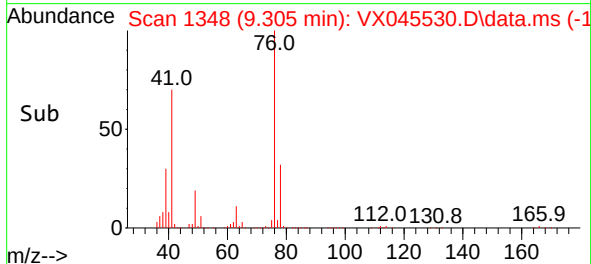
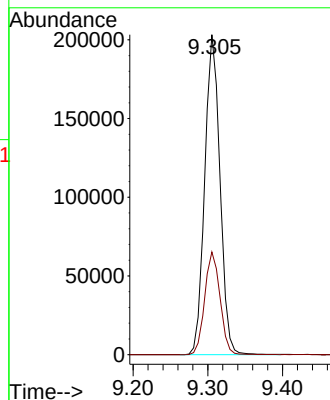
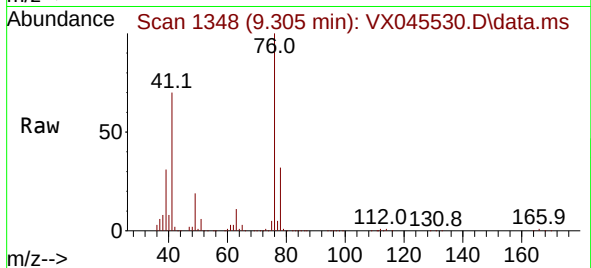
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 796.340 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045530.D

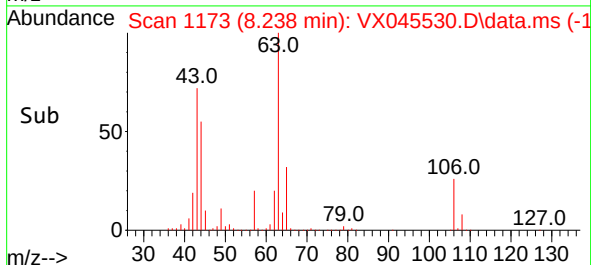
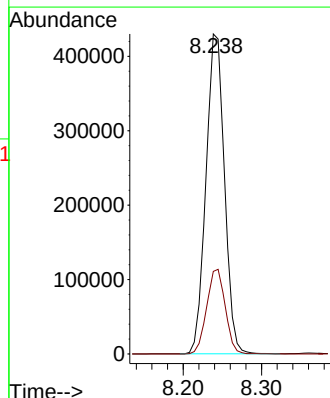
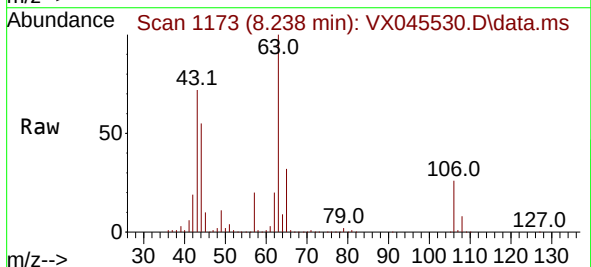
Acq: 01 Apr 2025 19:02

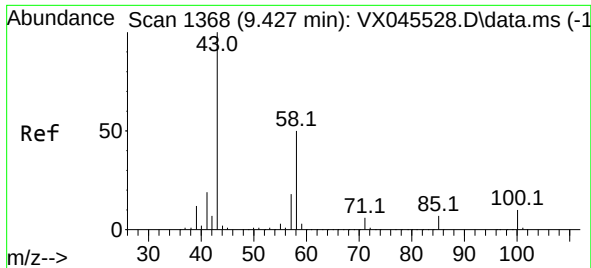
Tgt Ion: 63 Resp: 703881

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.6





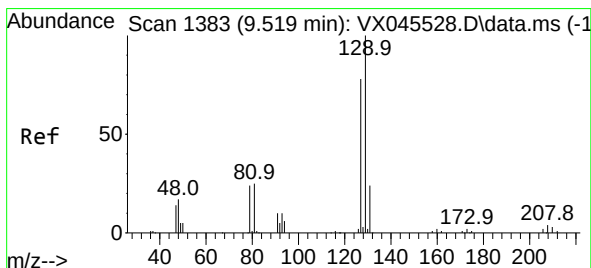
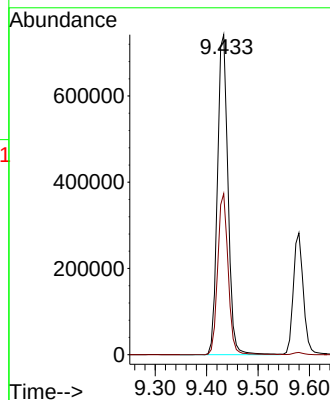
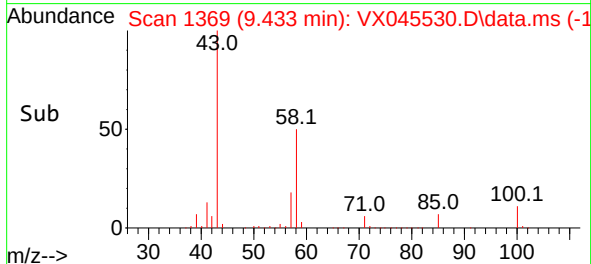
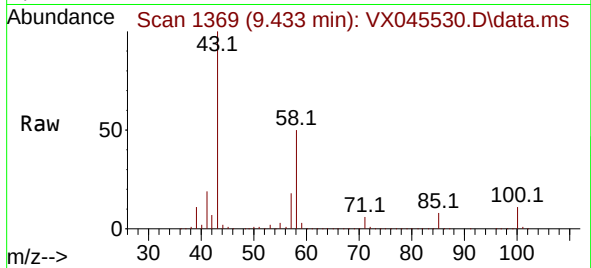
#59
2-Hexanone
Concen: 733.198 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 105397
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.6

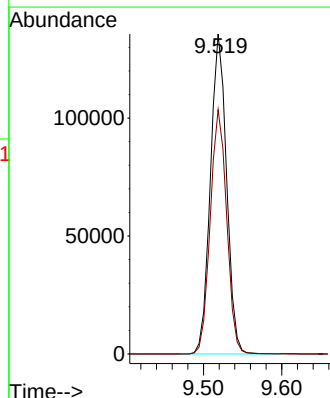
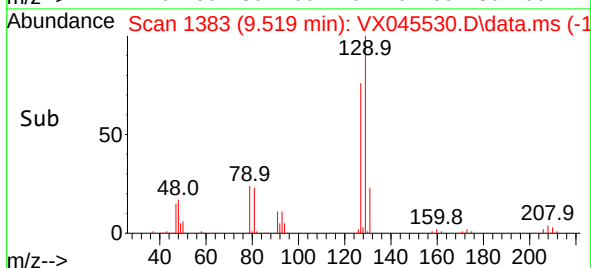
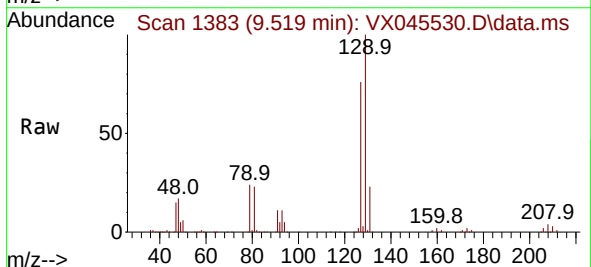
Manual Integrations
APPROVED

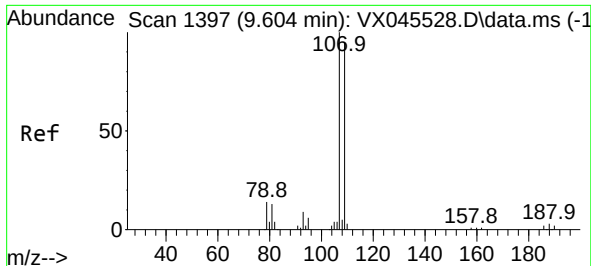
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#60
Dibromochloromethane
Concen: 157.895 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

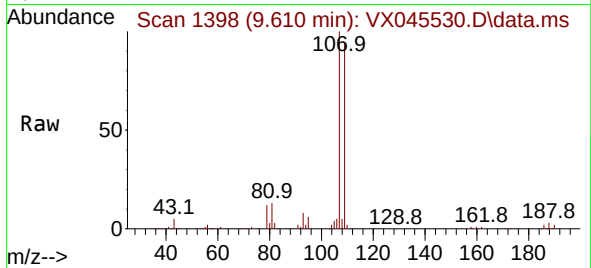
Tgt Ion:129 Resp: 194342
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 152.745 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

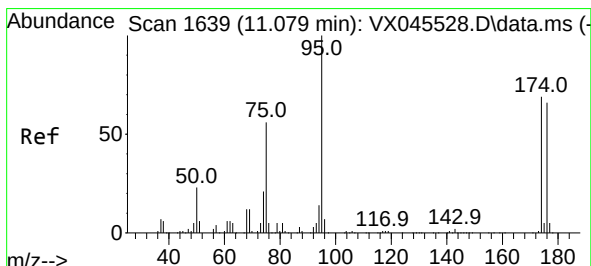
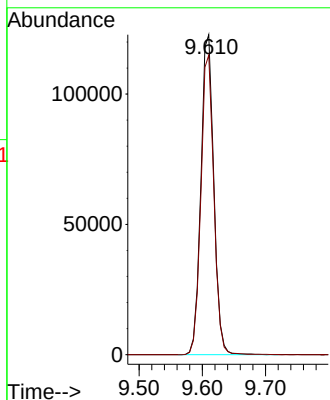
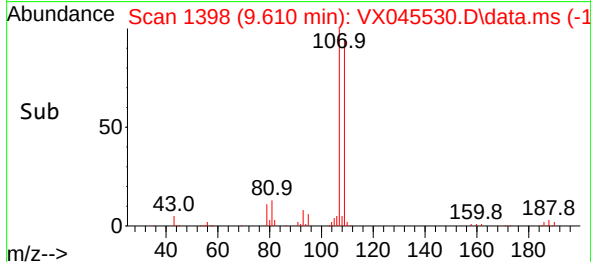
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:107 Resp: 174572
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

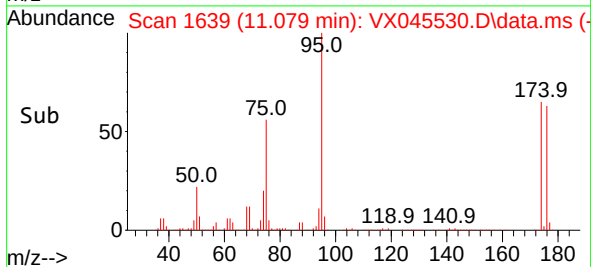
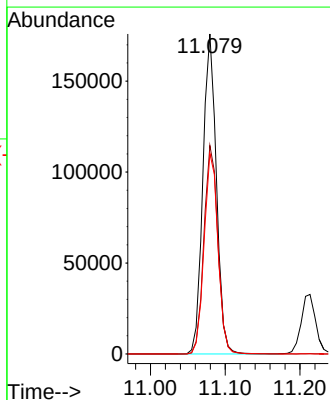
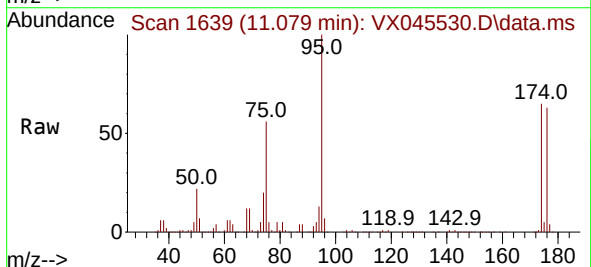
Manual Integrations
APPROVED

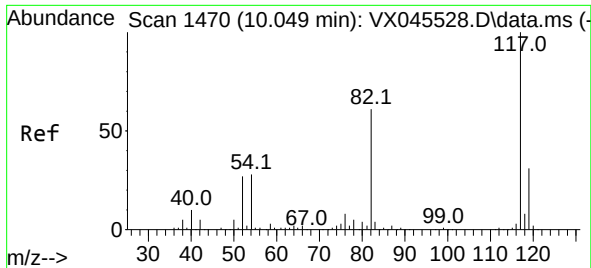
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#62
4-Bromofluorobenzene
Concen: 153.035 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

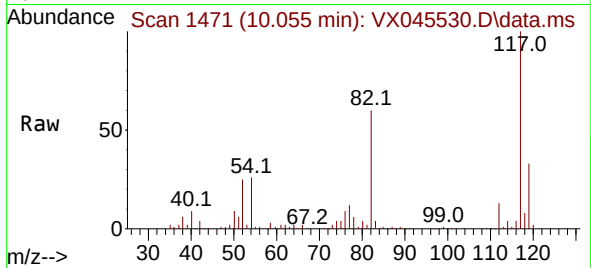
Tgt Ion: 95 Resp: 220921
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

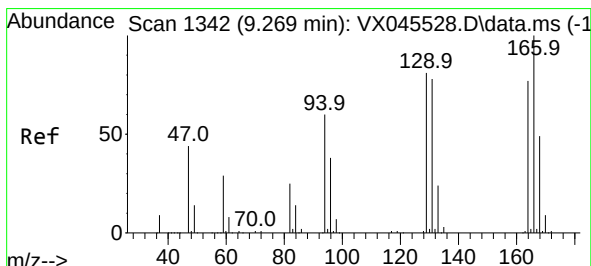
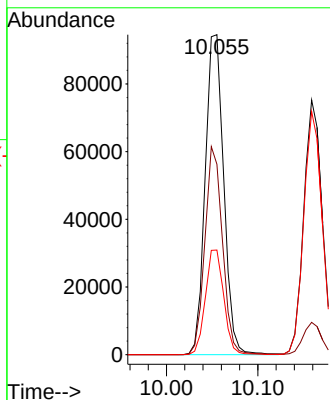
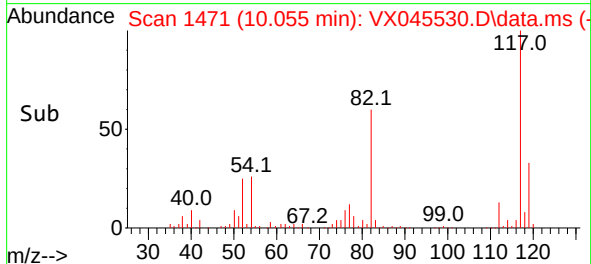
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 133342
Ion Ratio Lower Upper
117 100
82 59.5 49.2 73.8
119 32.7 25.1 37.7

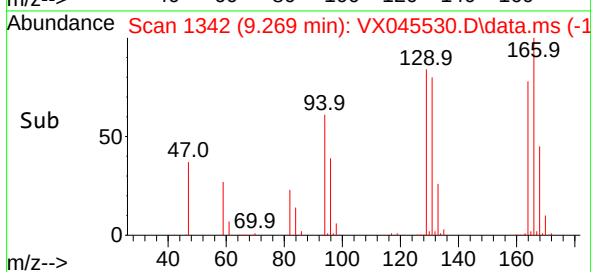
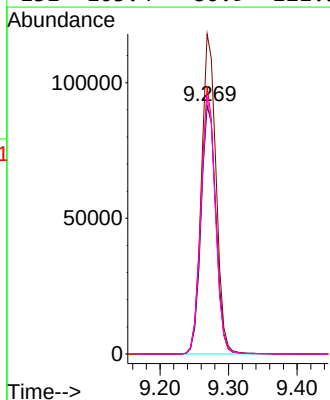
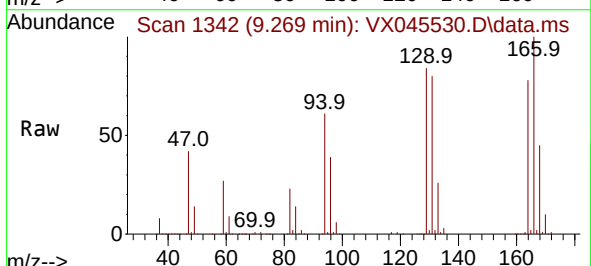
Manual Integrations
APPROVED

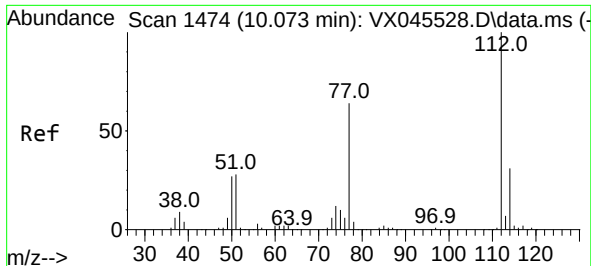
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#64
Tetrachloroethene
Concen: 147.568 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:164 Resp: 138926
Ion Ratio Lower Upper
164 100
166 128.9 103.8 155.8
129 107.9 84.3 126.5
131 103.4 80.9 121.3





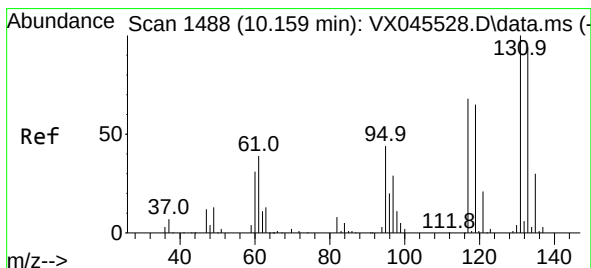
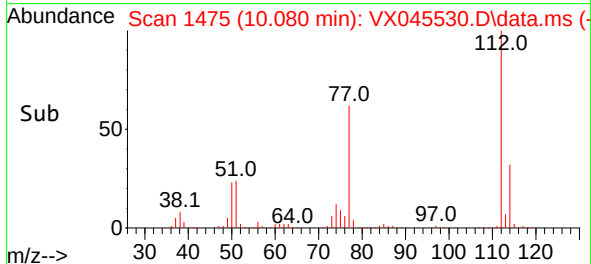
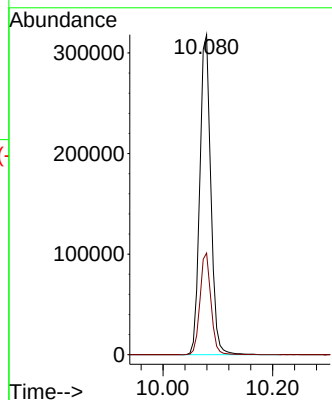
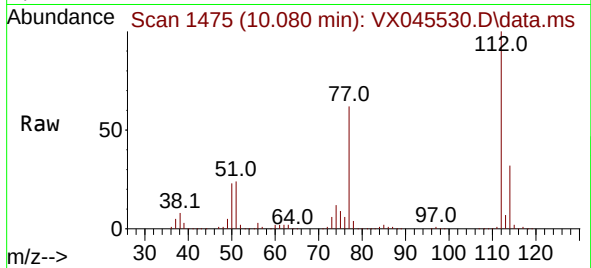
#65
Chlorobenzene
Concen: 156.049 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 44463
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1

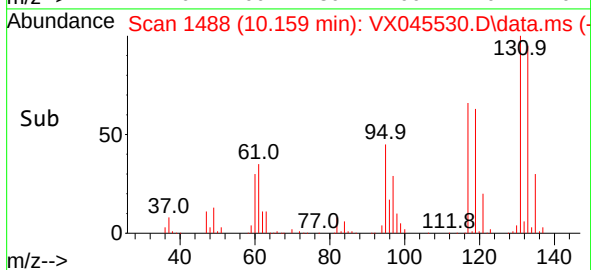
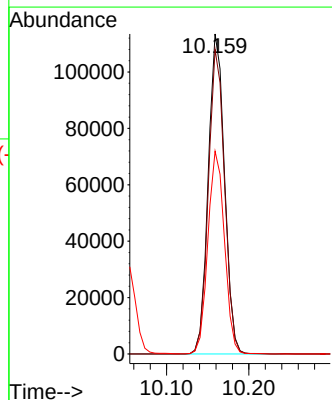
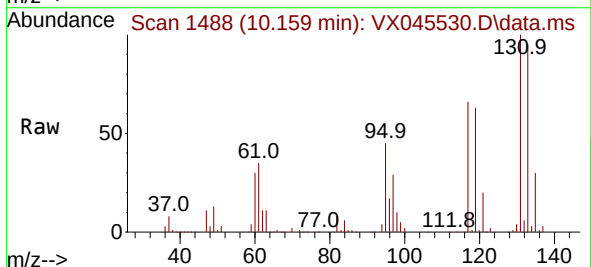
Manual Integrations
APPROVED

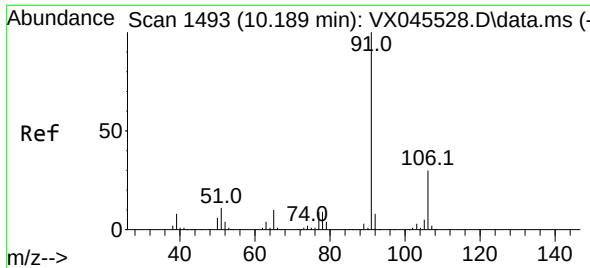
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 157.769 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

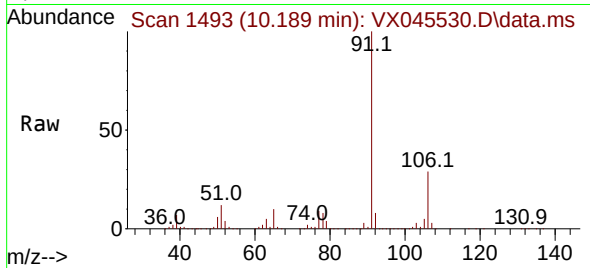
Tgt Ion:131 Resp: 156069
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 64.4 32.9 98.6





#67
Ethyl Benzene
Concen: 160.907 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

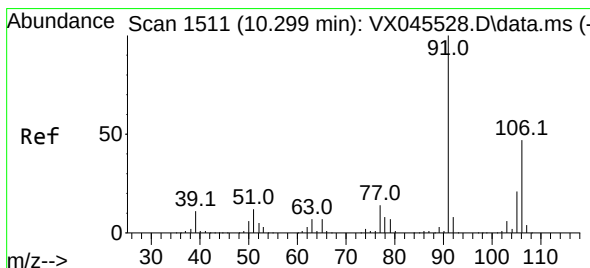
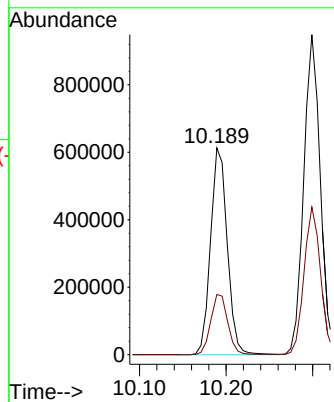
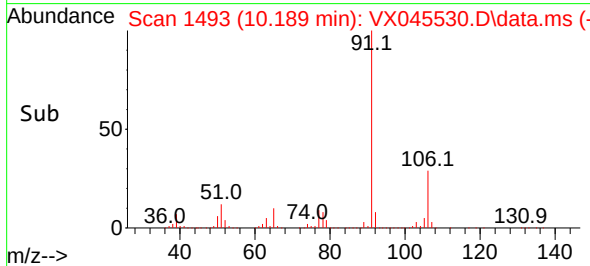
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 821130
Ion Ratio Lower Upper
91 100
106 29.1 23.7 35.5

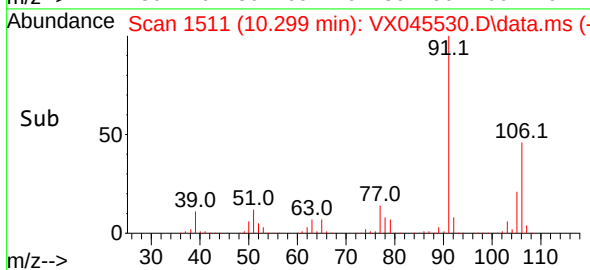
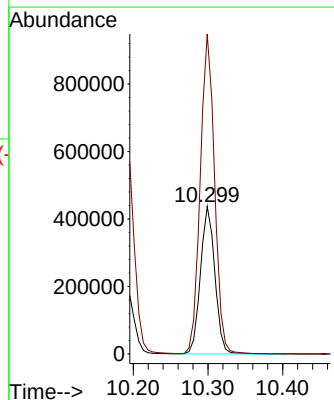
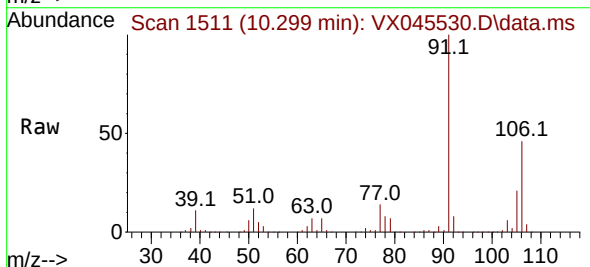
Manual Integrations
APPROVED

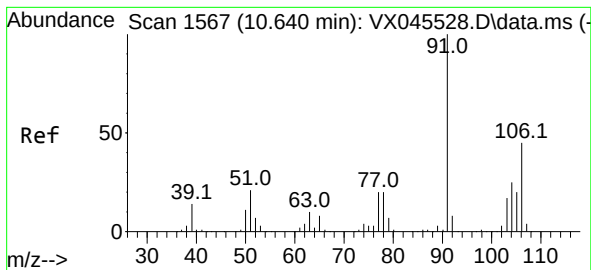
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#68
m/p-Xylenes
Concen: 314.231 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:106 Resp: 583228
Ion Ratio Lower Upper
106 100
91 216.7 172.6 258.8





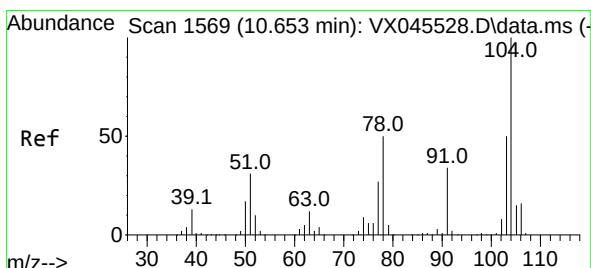
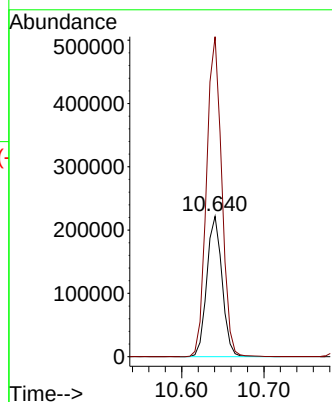
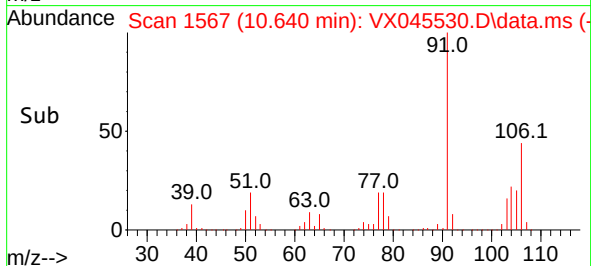
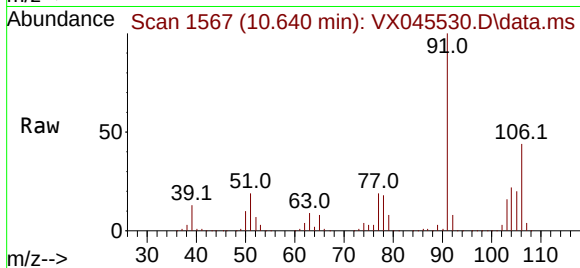
#69
o-Xylene
Concen: 156.241 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 285670
Ion Ratio Lower Upper
106 100
91 227.6 113.6 340.6

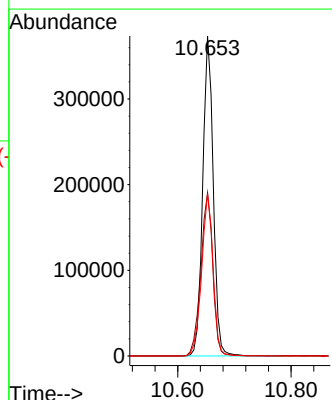
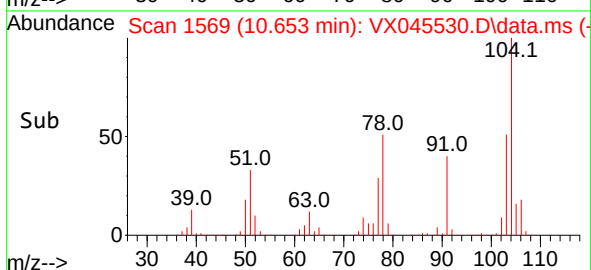
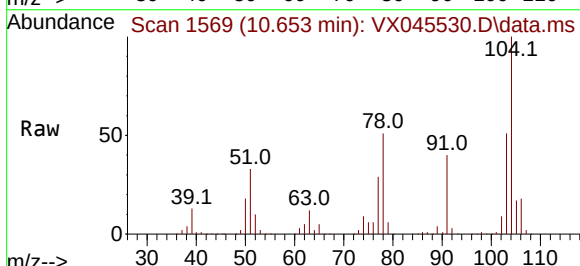
Manual Integrations
APPROVED

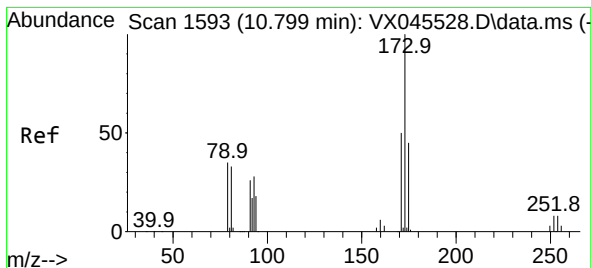
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#70
Styrene
Concen: 159.299 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

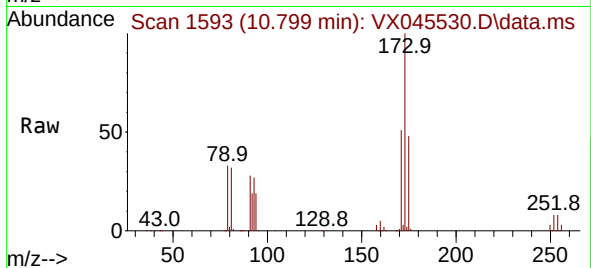
Tgt Ion:104 Resp: 480722
Ion Ratio Lower Upper
104 100
78 57.9 45.4 68.2
103 55.4 43.8 65.8





#71
Bromoform
Concen: 170.743 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

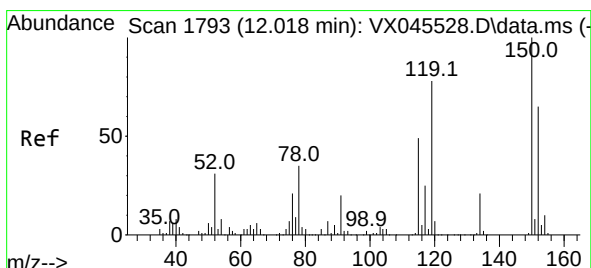
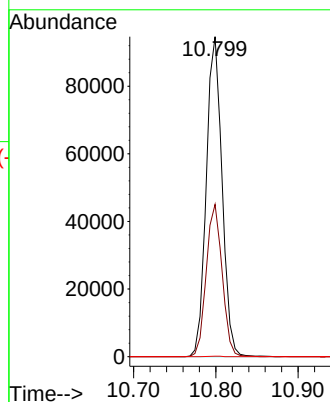
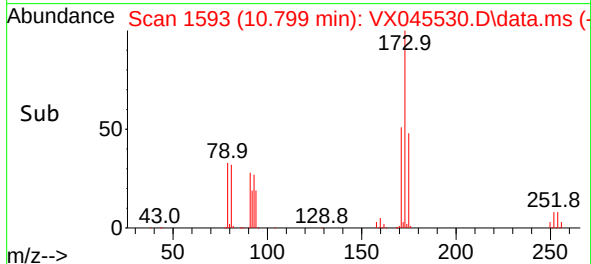
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 126115
Ion Ratio Lower Upper
173 100
175 48.0 23.4 70.2
254 0.1 0.0 0.0

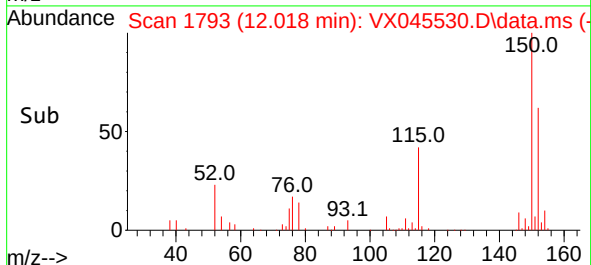
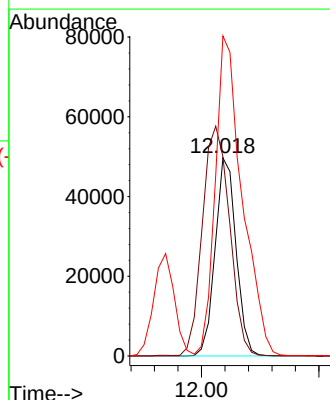
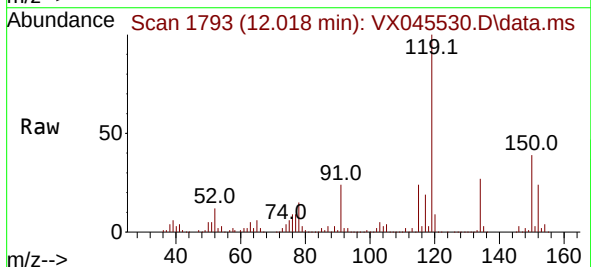
Manual Integrations
APPROVED

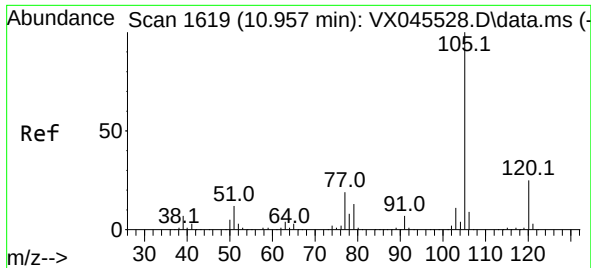
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

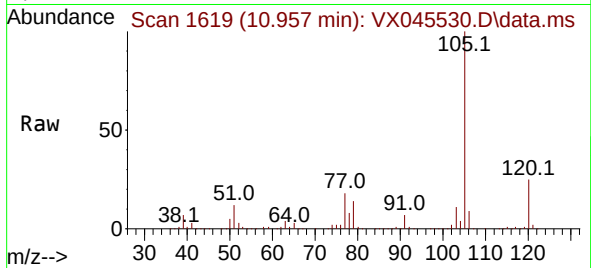
Tgt Ion:152 Resp: 61380
Ion Ratio Lower Upper
152 100
115 151.4 46.9 140.7#
150 208.6 0.0 349.4





#73
Isopropylbenzene
Concen: 155.475 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

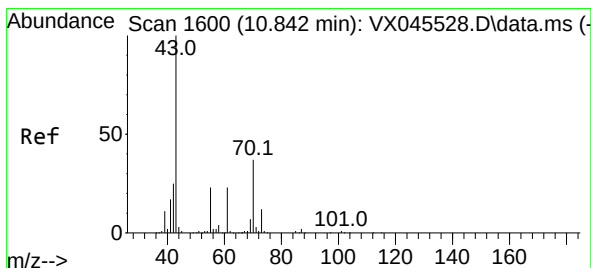
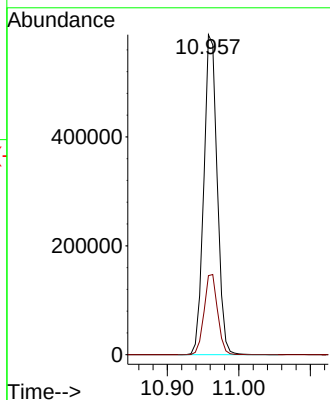
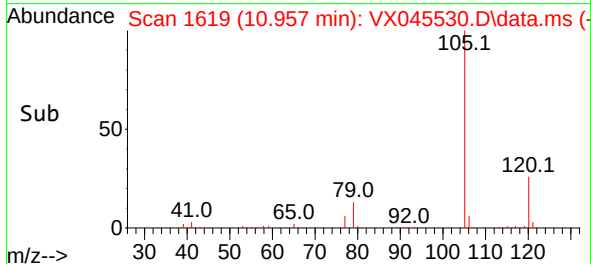
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



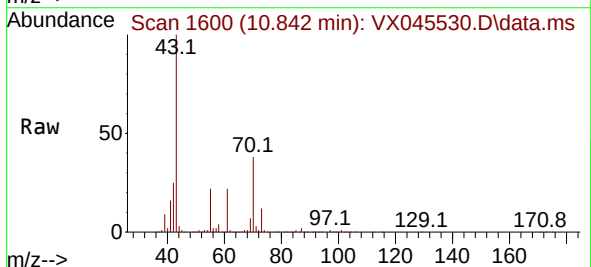
Tgt Ion:105 Resp: 764400
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.0

Manual Integrations
APPROVED

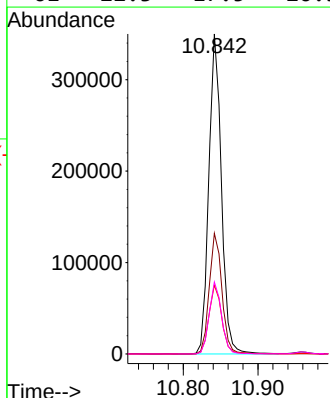
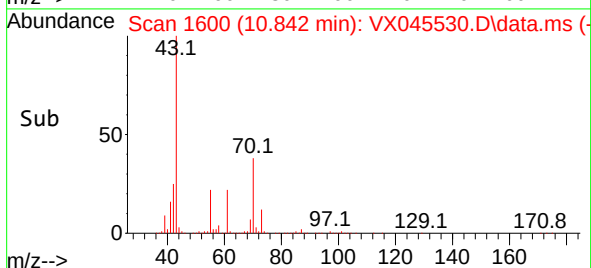
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

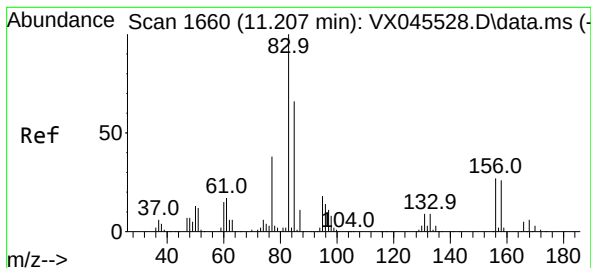


#74
N-ethyl acetate
Concen: 173.877 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02



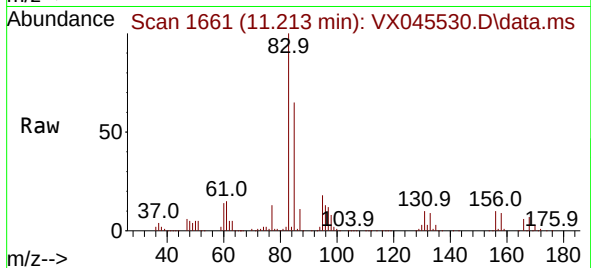
Tgt Ion: 43 Resp: 408934
Ion Ratio Lower Upper
43 100
70 38.3 30.1 45.1
55 22.0 18.3 27.5
61 22.3 17.5 26.3





#75
 1,1,2,2-Tetrachloroethane
 Concen: 144.737 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

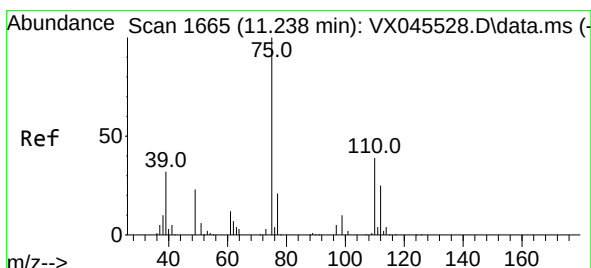
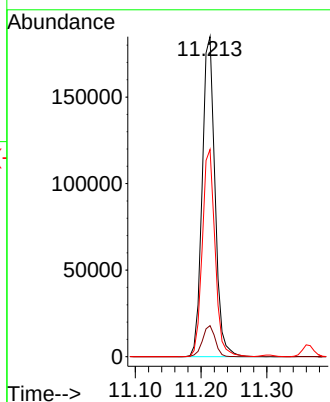
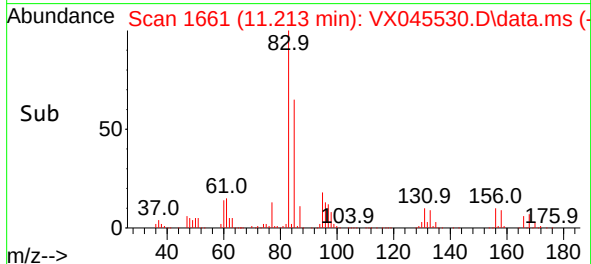
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



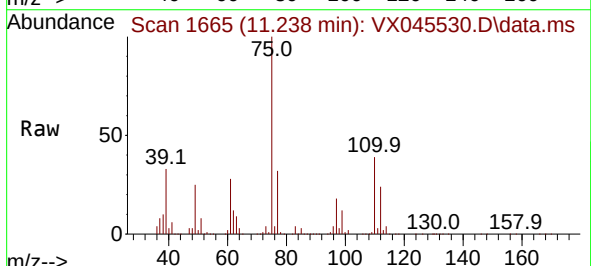
Tgt Ion: 83 Resp: 249980
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.7 14.1
 85 64.8 32.4 97.2

Manual Integrations
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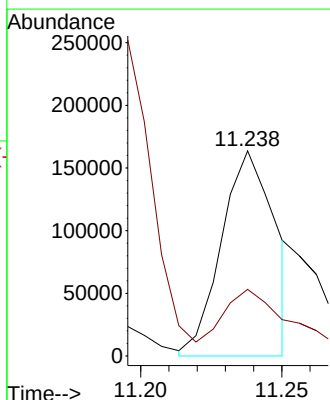
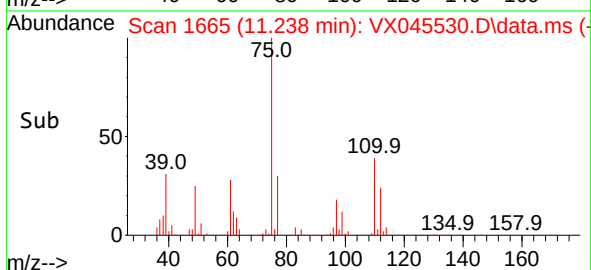
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

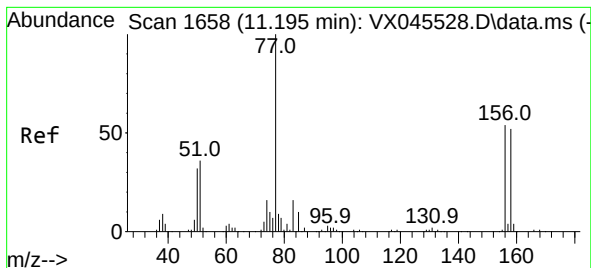


#76
 1,2,3-Trichloropropane
 Concen: 144.064 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02



Tgt Ion: 75 Resp: 215694
 Ion Ratio Lower Upper
 75 100
 77 42.3 20.0 59.9





#77

Bromobenzene

Concen: 151.033 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

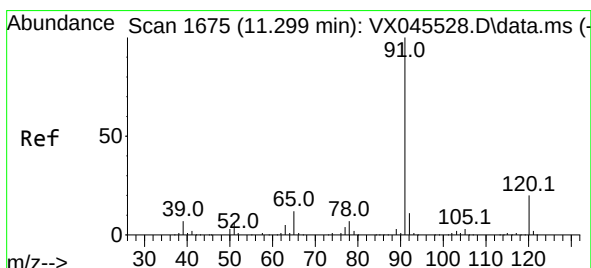
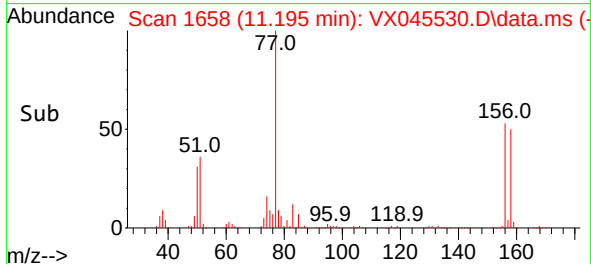
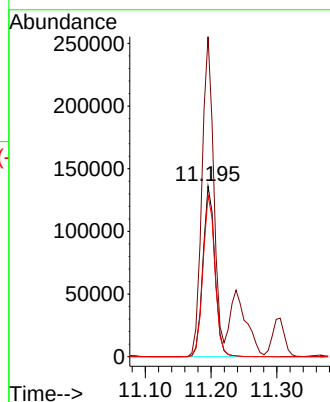
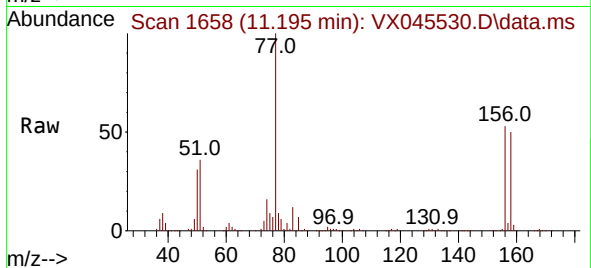
Tgt Ion:	156	Resp:	17157
Ion Ratio	Lower	Upper	
156	100		
77	185.8	92.6	277.8
158	95.3	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#78

n-propylbenzene

Concen: 158.408 ug/l

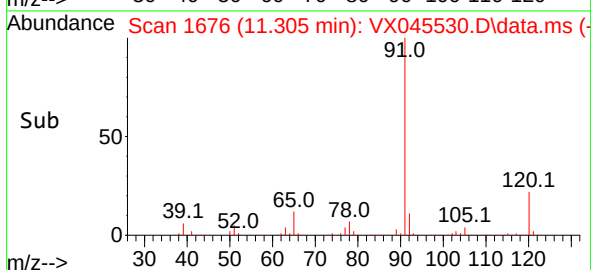
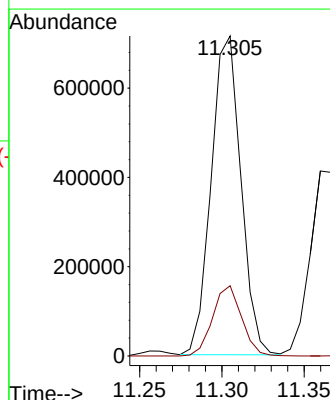
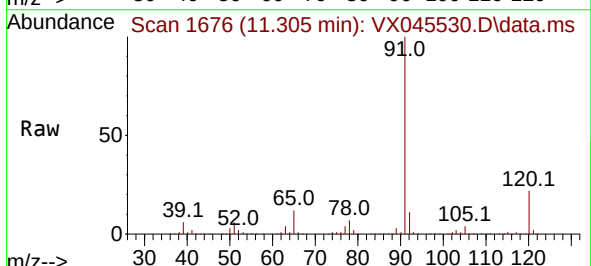
RT: 11.305 min Scan# 1676

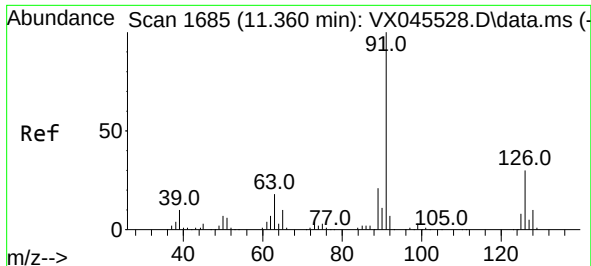
Delta R.T. 0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Tgt Ion:	91	Resp:	897084
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.3





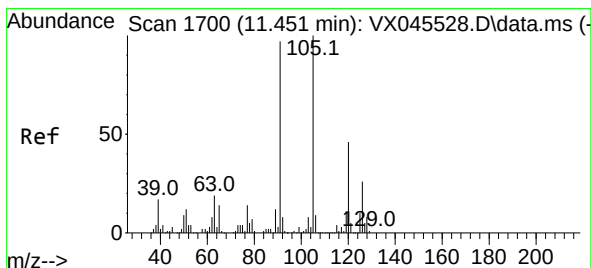
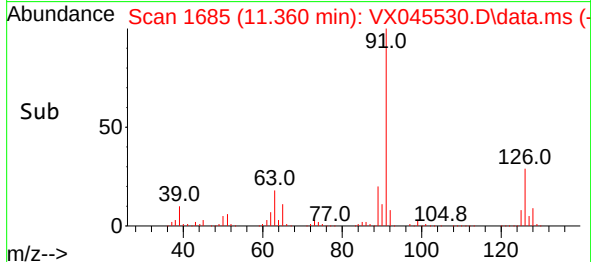
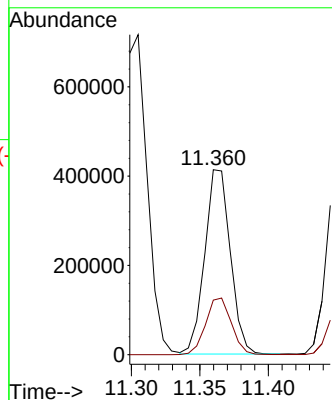
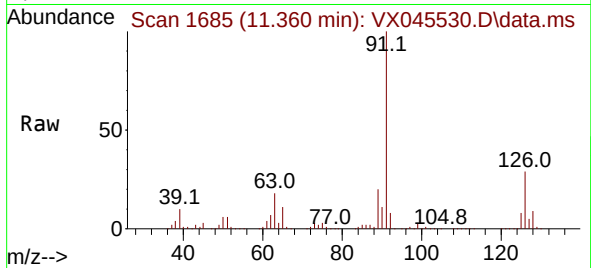
#79
2-Chlorotoluene
Concen: 148.399 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 53726
Ion Ratio Lower Upper
91 100
126 30.9 15.8 47.4

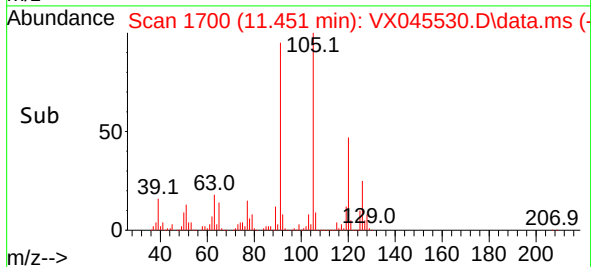
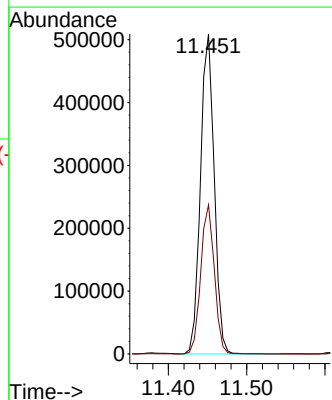
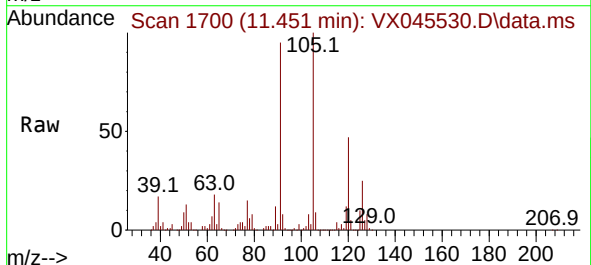
Manual Integrations
APPROVED

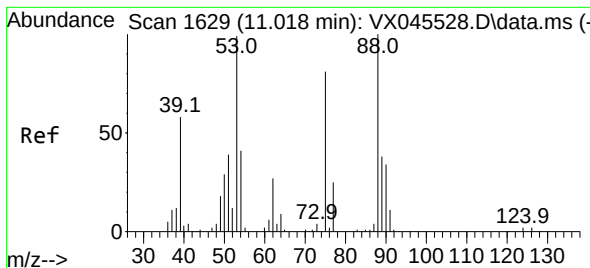
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 152.700 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:105 Resp: 620819
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





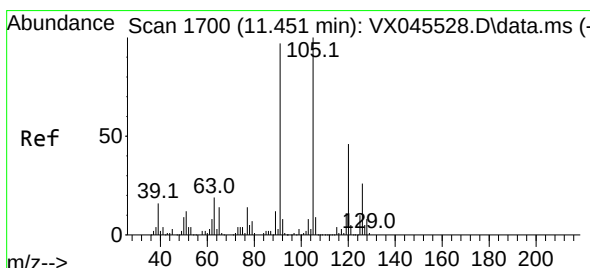
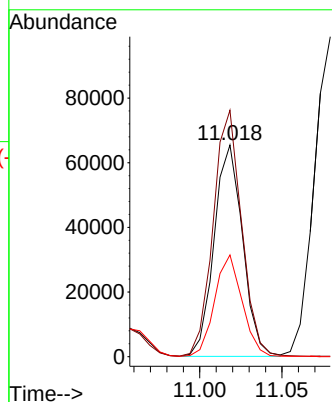
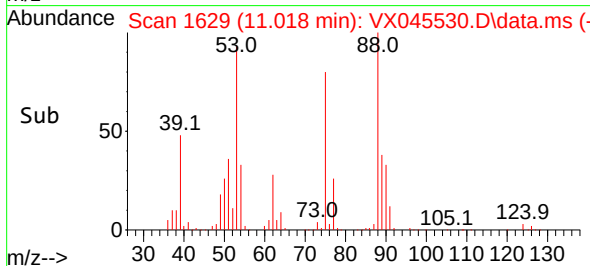
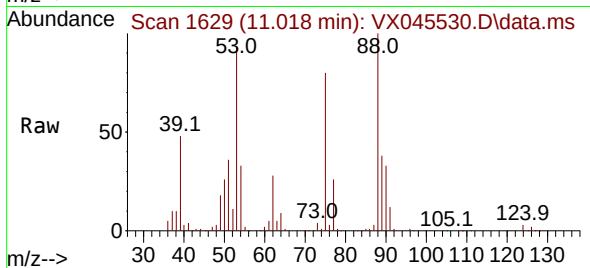
#81
trans-1,4-Dichloro-2-butene
Concen: 178.636 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 7880
Ion Ratio Lower Upper
75 100
53 116.0 101.8 152.6
89 46.8 37.2 55.8

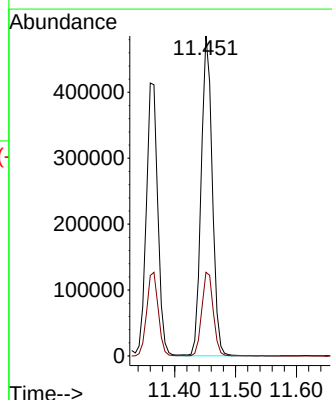
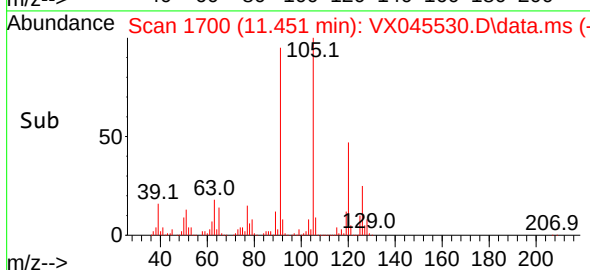
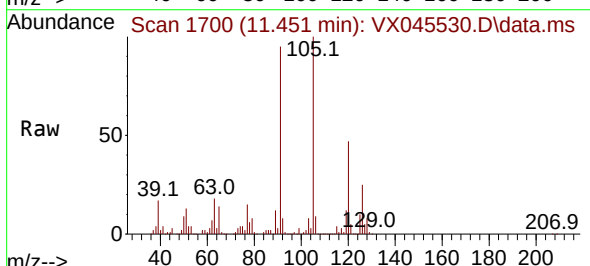
Manual Integrations
APPROVED

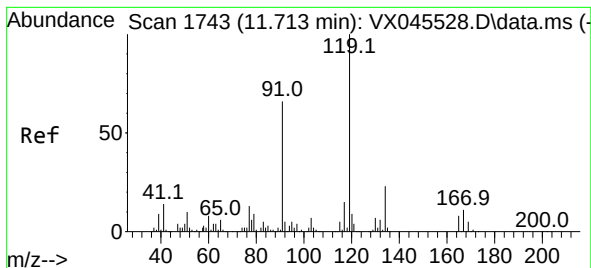
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#82
4-Chlorotoluene
Concen: 152.505 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

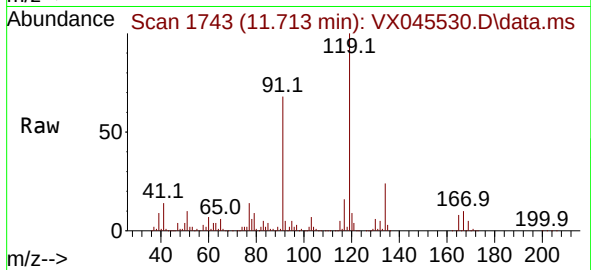
Tgt Ion: 91 Resp: 615594
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83
tert-Butylbenzene
Concen: 155.783 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

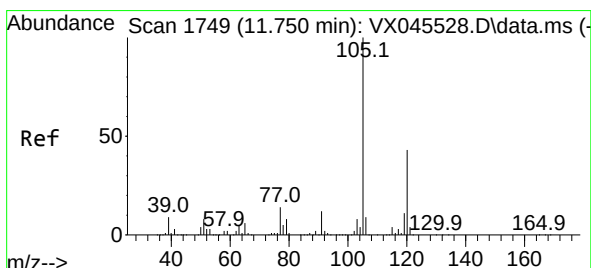
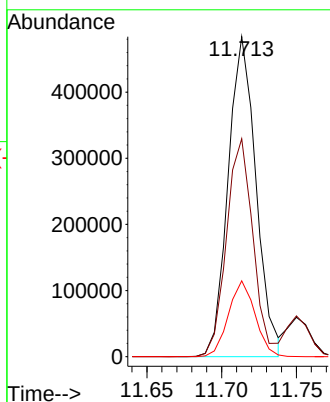
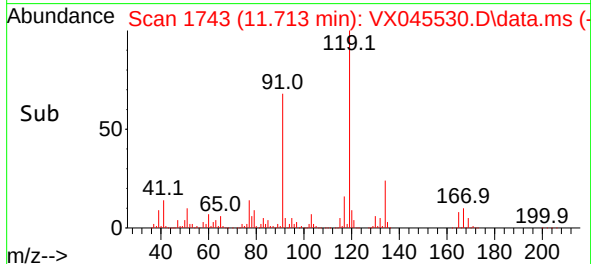
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



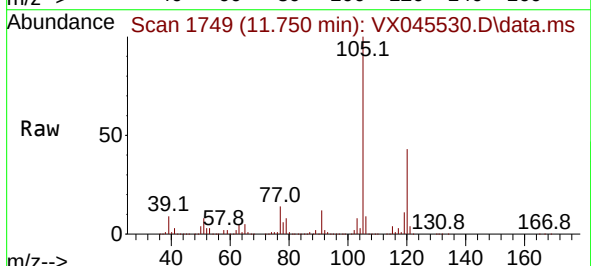
Tgt Ion:119 Resp: 627039
Ion Ratio Lower Upper
119 100
91 65.2 32.4 97.2
134 22.7 11.5 34.5

Manual Integrations
APPROVED

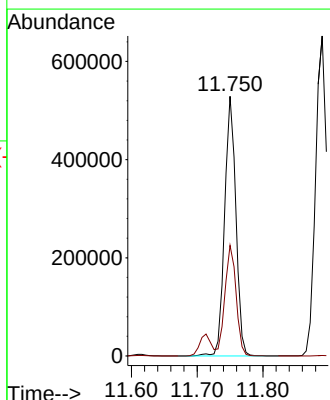
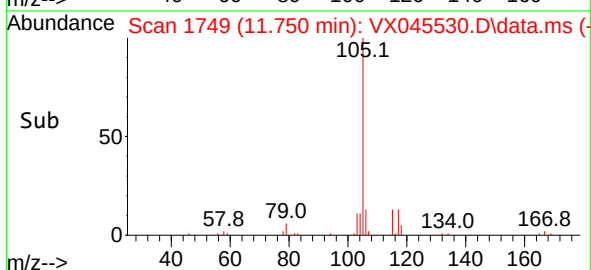
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

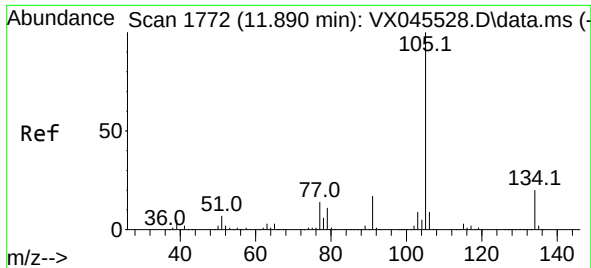


#84
1,2,4-Trimethylbenzene
Concen: 154.317 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02



Tgt Ion:105 Resp: 629704
Ion Ratio Lower Upper
105 100
120 42.7 21.4 64.3





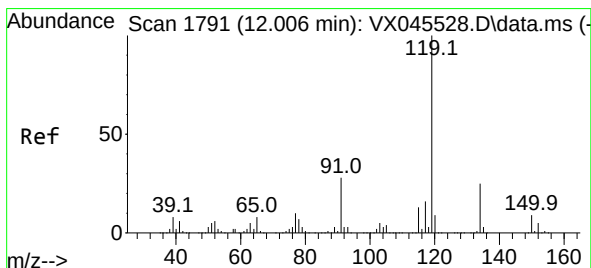
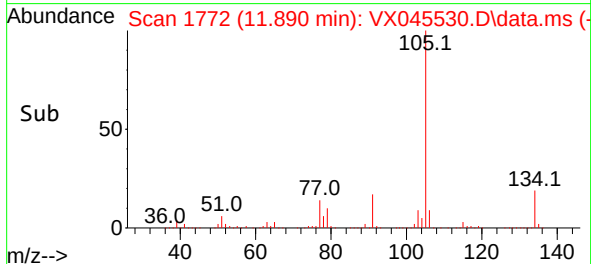
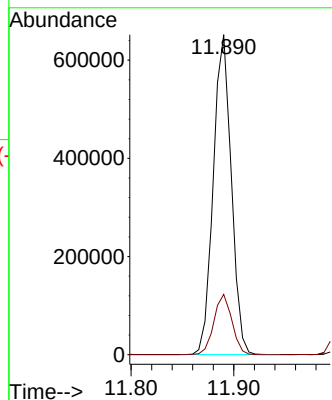
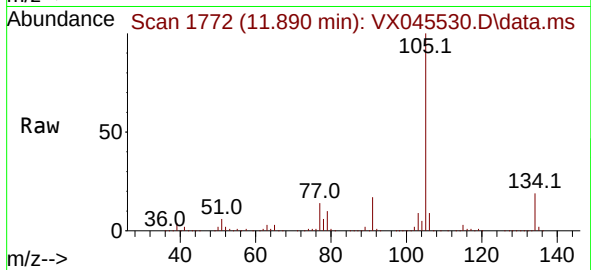
#85
 sec-Butylbenzene
 Concen: 159.869 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Tgt Ion:105 Resp: 79035
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6

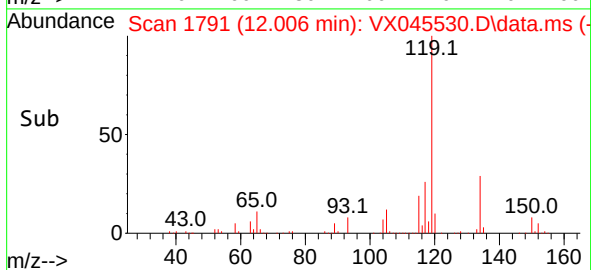
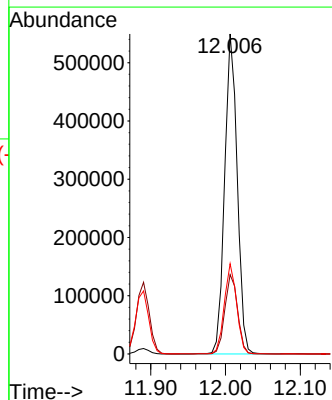
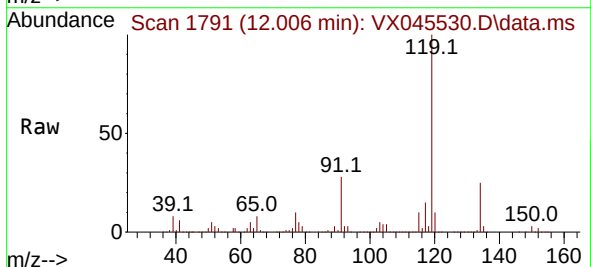
Manual Integrations
 APPROVED

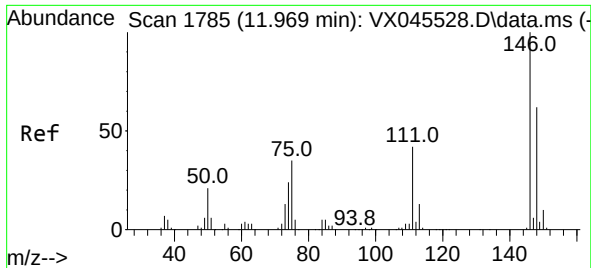
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#86
 p-Isopropyltoluene
 Concen: 157.397 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045530.D
 Acq: 01 Apr 2025 19:02

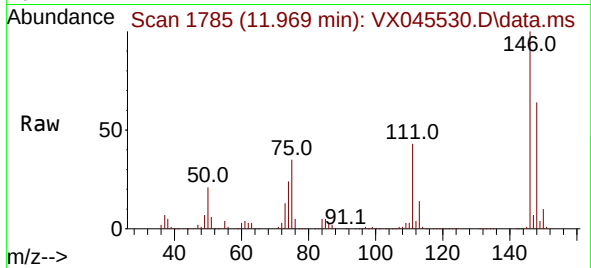
Tgt Ion:119 Resp: 641521
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 27.6 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 151.885 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

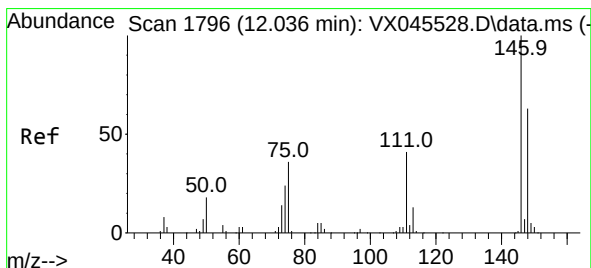
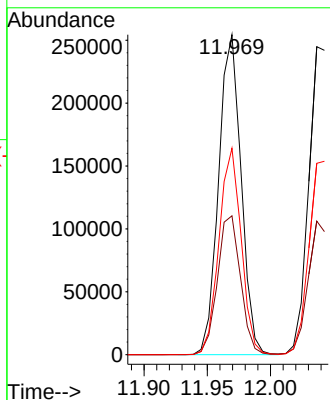
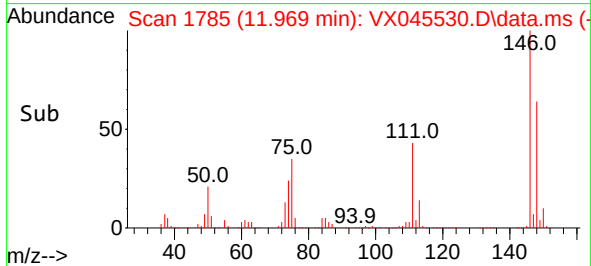
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



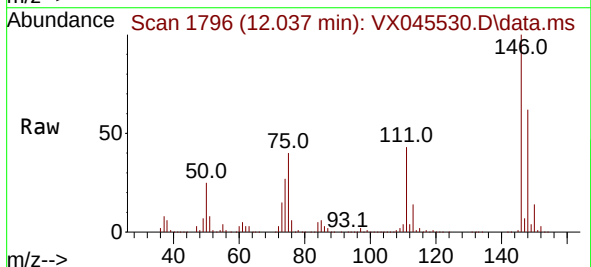
Tgt Ion:146 Resp: 314072
Ion Ratio Lower Upper
146 100
111 44.6 22.2 66.6
148 63.6 31.9 95.7

Manual Integrations
APPROVED

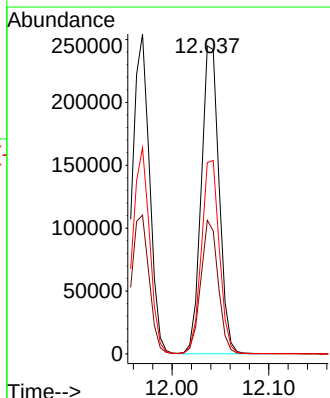
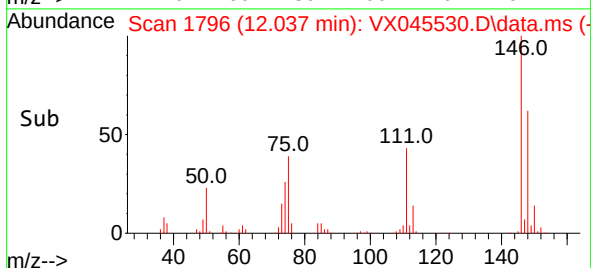
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

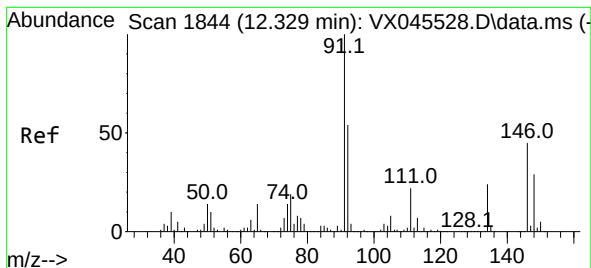


#88
1,4-Dichlorobenzene
Concen: 149.876 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02



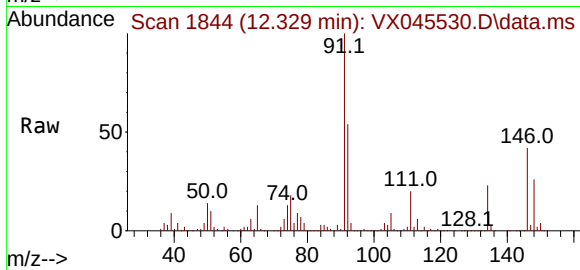
Tgt Ion:146 Resp: 314197
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 63.5 31.5 94.5





#89
n-Butylbenzene
Concen: 171.019 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

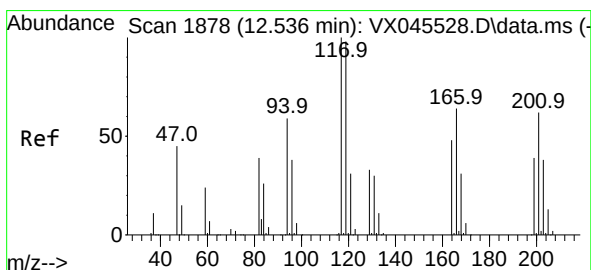
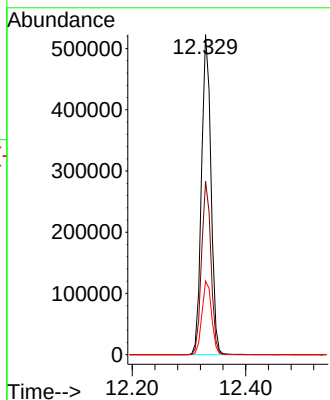
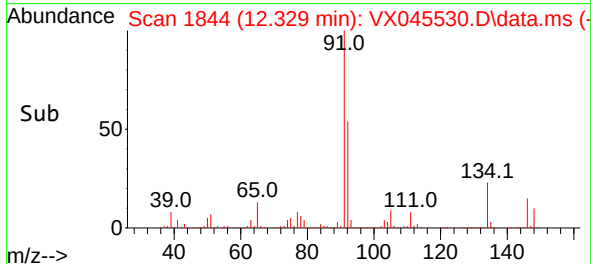
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 60444
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.6
134 23.6 11.9 35.7

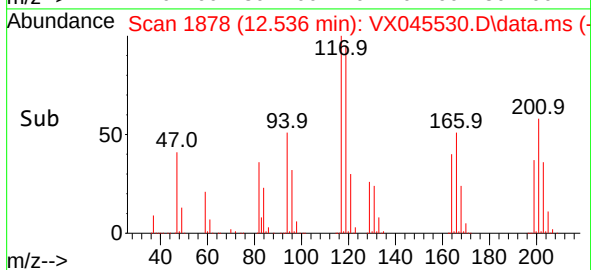
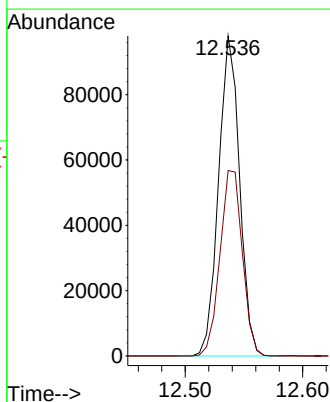
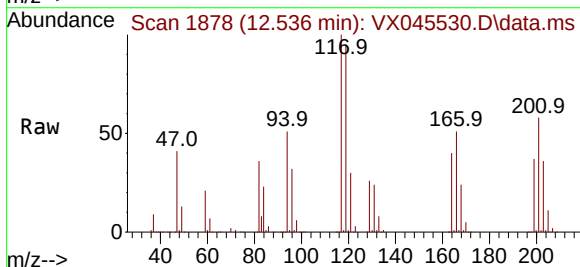
Manual Integrations
APPROVED

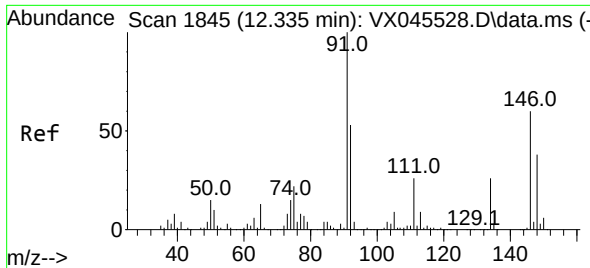
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#90
Hexachloroethane
Concen: 173.829 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

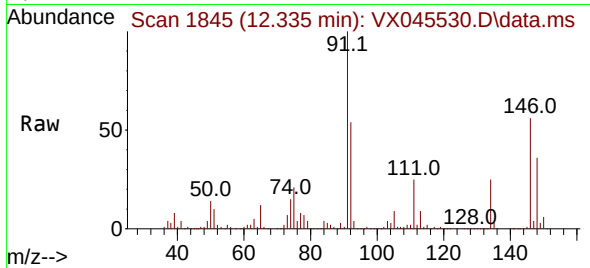
Tgt Ion:117 Resp: 121761
Ion Ratio Lower Upper
117 100
201 61.9 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 149.342 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

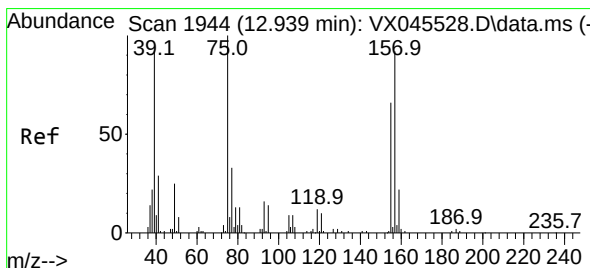
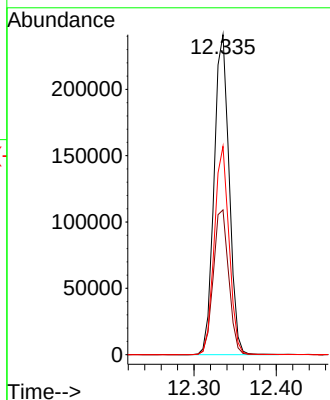
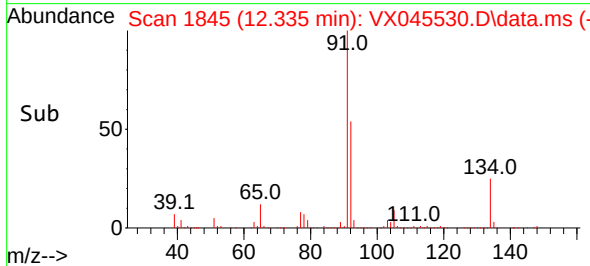
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



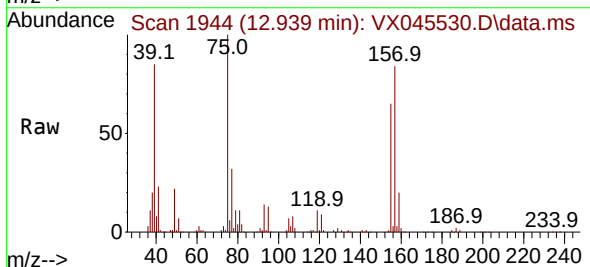
Tgt Ion:146 Resp: 30703
Ion Ratio Lower Upper
146 100
111 46.3 22.9 68.8
148 63.8 31.9 95.5

Manual Integrations
APPROVED

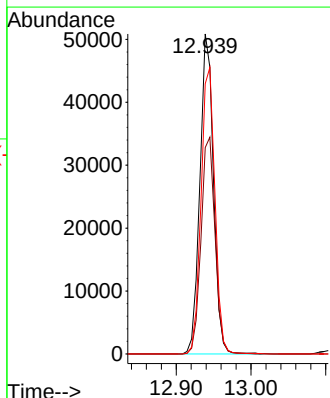
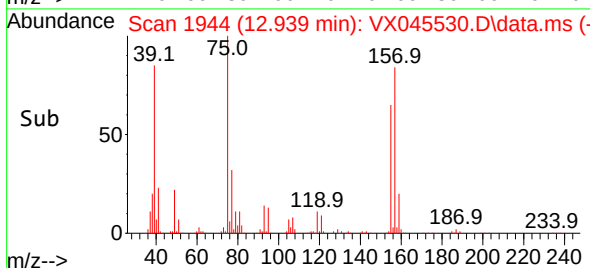
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

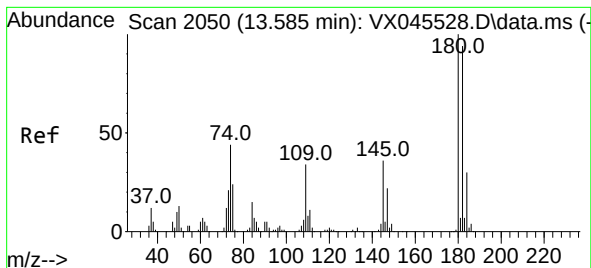


#92
1,2-Dibromo-3-Chloropropane
Concen: 178.062 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02



Tgt Ion: 75 Resp: 64317
Ion Ratio Lower Upper
75 100
155 69.7 34.9 104.7
157 91.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 174.213 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

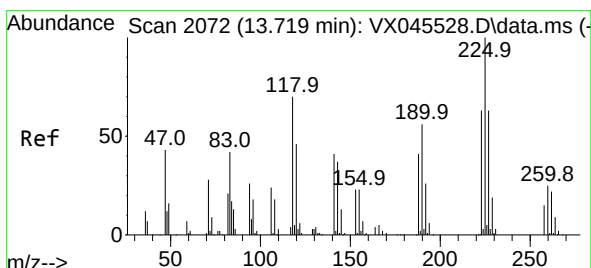
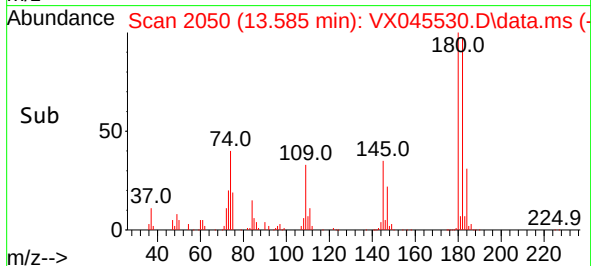
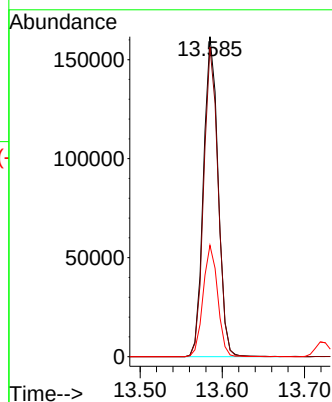
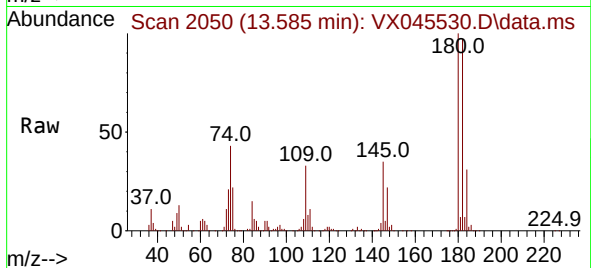
Tgt Ion:180	Resp: 19936
Ion Ratio	Lower Upper
180 100	
182 95.4	47.9 143.6
145 34.6	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#94

Hexachlorobutadiene

Concen: 157.752 ug/l

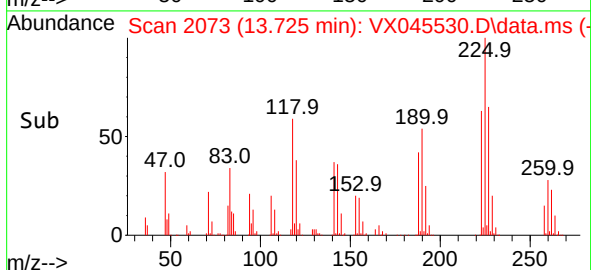
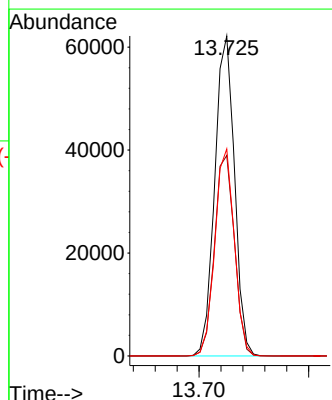
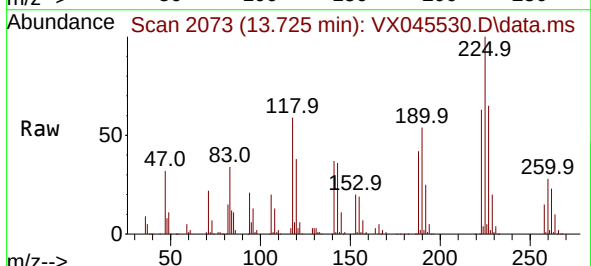
RT: 13.725 min Scan# 2073

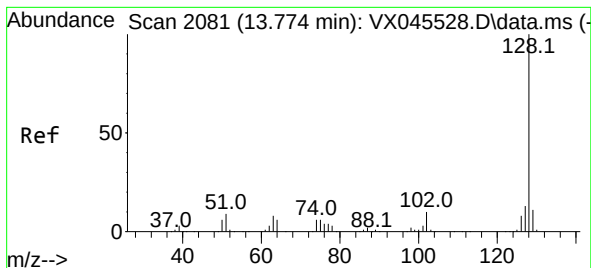
Delta R.T. 0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

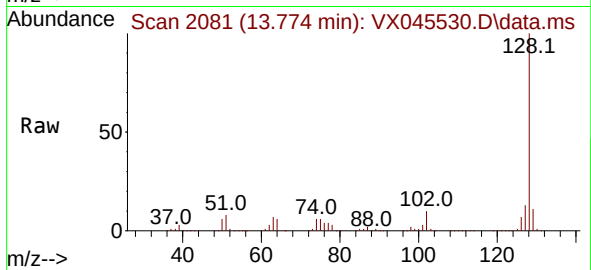
Tgt Ion:225	Resp: 77792
Ion Ratio	Lower Upper
225 100	
223 63.4	31.1 93.3
227 63.8	32.2 96.6





#95
Naphthalene
Concen: 172.191 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

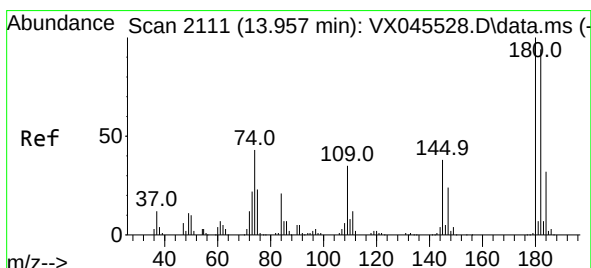
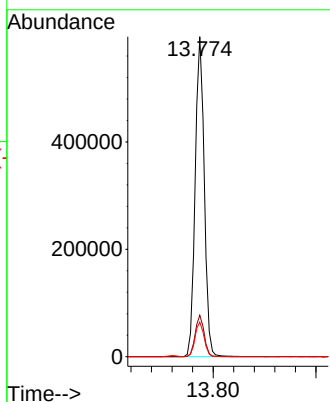
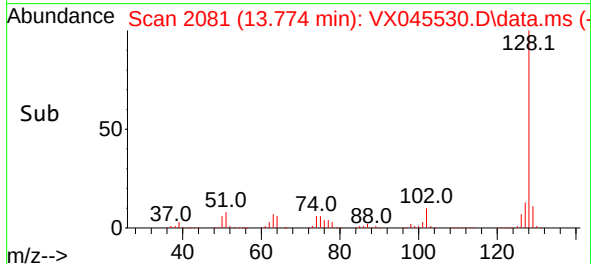
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



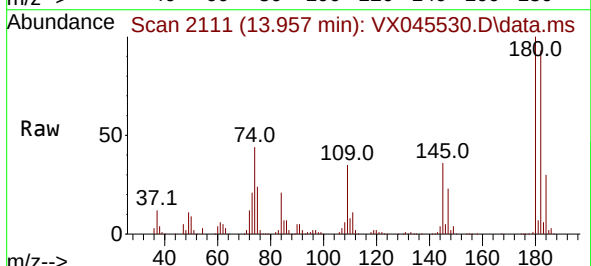
Tgt Ion:128 Resp: 733300
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 12.8

Manual Integrations
APPROVED

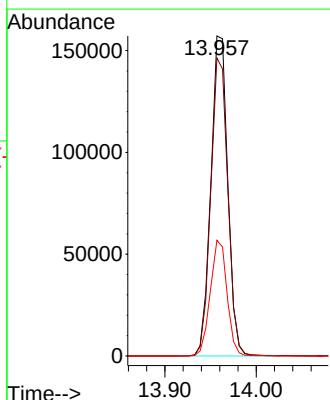
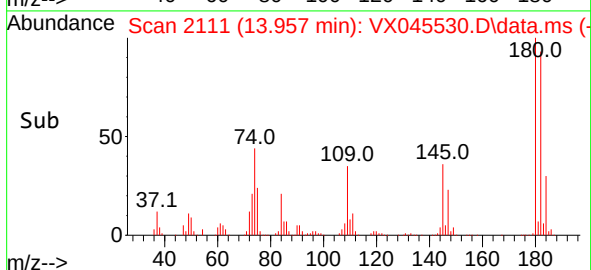
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 168.562 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02



Tgt Ion:180 Resp: 201989
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 35.8 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89251	50.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	5.379	113	61107	49.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.647	98	217200	50.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	80376	50.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76070	52.454	ug/l	97
3) Chloromethane	1.301	50	72033	48.349	ug/l	99
4) Vinyl Chloride	1.374	62	66559	48.816	ug/l	99
5) Bromomethane	1.593	94	30379	46.991	ug/l	99
6) Chloroethane	1.672	64	37317	51.586	ug/l	100
7) Trichlorofluoromethane	1.880	101	102379	50.354	ug/l	96
8) Diethyl Ether	2.130	74	33603	49.228	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	59007	49.528	ug/l	98
10) Methyl Iodide	2.447	142	72261	48.626	ug/l	99
11) Tert butyl alcohol	2.971	59	58774	246.612	ug/l	99
12) 1,1-Dichloroethene	2.313	96	57888	49.726	ug/l	99
13) Acrolein	2.233	56	78156	238.141	ug/l	99
14) Allyl chloride	2.660	41	111636	50.541	ug/l	99
15) Acrylonitrile	3.062	53	186837	248.351	ug/l	100
16) Acetone	2.380	43	176153	241.904	ug/l	99
17) Carbon Disulfide	2.508	76	149677	52.057	ug/l	100
18) Methyl Acetate	2.703	43	81720	48.742	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	207487	50.950	ug/l	100
20) Methylene Chloride	2.782	84	66875	49.055	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	59229	49.800	ug/l	98
22) Diisopropyl ether	3.757	45	221449	50.895	ug/l	92
23) Vinyl Acetate	3.715	43	1005423	267.449	ug/l	99
24) 1,1-Dichloroethane	3.605	63	122240	49.677	ug/l	99
25) 2-Butanone	4.550	43	271686	254.882	ug/l	97
26) 2,2-Dichloropropane	4.471	77	82704	52.020	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71072	49.049	ug/l	98
28) Bromochloromethane	4.891	49	57557	48.403	ug/l	99
29) Tetrahydrofuran	5.001	42	172405	249.473	ug/l	100
30) Chloroform	5.086	83	125621	49.614	ug/l	98
31) Cyclohexane	5.458	56	107862	49.583	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	107830	50.330	ug/l	99
36) 1,1-Dichloropropene	5.684	75	83901	50.088	ug/l	99
37) Ethyl Acetate	4.708	43	105095	49.787	ug/l	98
38) Carbon Tetrachloride	5.672	117	91723	50.667	ug/l	100
39) Methylcyclohexane	7.373	83	102919	50.124	ug/l	99
40) Benzene	6.031	78	251758	49.212	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59140	53.098	ug/l	99
42) 1,2-Dichloroethane	6.080	62	103270	48.875	ug/l	100
43) Isopropyl Acetate	6.336	43	164894	51.539	ug/l	100
44) Trichloroethene	7.123	130	57931	47.643	ug/l	92
45) 1,2-Dichloropropane	7.421	63	63210	49.521	ug/l	95
46) Dibromomethane	7.574	93	47564	48.542	ug/l	97
47) Bromodichloromethane	7.818	83	96418	49.273	ug/l	96
48) Methyl methacrylate	7.690	41	85084	51.507	ug/l	99
49) 1,4-Dioxane	7.659	88	28552	955.327	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	540822	254.994	ug/l	100
52) Toluene	8.714	92	151664	48.994	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	87744	46.783	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	99074	53.878	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	60452	49.007	ug/l	97
56) Ethyl methacrylate	9.116	69	102525	53.705	ug/l	100
57) 1,3-Dichloropropane	9.305	76	107121	49.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	251285	260.201	ug/l	99
59) 2-Hexanone	9.427	43	395336	251.710	ug/l	100
60) Dibromochloromethane	9.519	129	68562	50.983	ug/l	99
61) 1,2-Dibromoethane	9.604	107	63301	50.693	ug/l	100
64) Tetrachloroethene	9.269	164	50834	47.239	ug/l	99
65) Chlorobenzene	10.073	112	163518	50.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	57096	50.495	ug/l	99
67) Ethyl Benzene	10.189	91	300747	51.558	ug/l	100
68) m/p-Xylenes	10.299	106	217943	102.728	ug/l	99
69) o-Xylene	10.640	106	107947	51.650	ug/l	100
70) Styrene	10.653	104	181524	52.624	ug/l	100
71) Bromoform	10.799	173	44489	52.694	ug/l #	98
73) Isopropylbenzene	10.957	105	286010	52.794	ug/l	100
74) N-amyl acetate	10.842	43	140941	54.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	92505	48.608	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82060m	49.741	ug/l	
77) Bromobenzene	11.195	156	63244	50.525	ug/l	98
78) n-propylbenzene	11.299	91	336753	53.967	ug/l	100
79) 2-Chlorotoluene	11.360	91	203677	51.057	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	239822	53.534	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25511	52.482	ug/l	98
82) 4-Chlorotoluene	11.451	91	233159	52.422	ug/l	100
83) tert-Butylbenzene	11.713	119	236276	53.274	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	238257	52.990	ug/l	100
85) sec-Butylbenzene	11.890	105	293633	53.903	ug/l	100
86) p-Isopropyltoluene	12.006	119	244031	54.337	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	115113	50.521	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	113458	49.117	ug/l	97
89) n-Butylbenzene	12.329	91	214931	55.189	ug/l	99
90) Hexachloroethane	12.536	117	41729	54.066	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	113126	49.938	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21184	53.226	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	65488	51.935	ug/l	98
94) Hexachlorobutadiene	13.725	225	27147	49.961	ug/l	99
95) Naphthalene	13.774	128	247600	52.765	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	66542	50.396	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

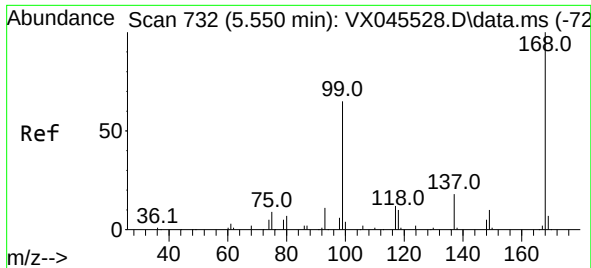
Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

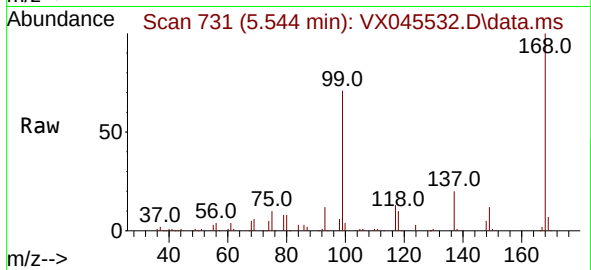
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

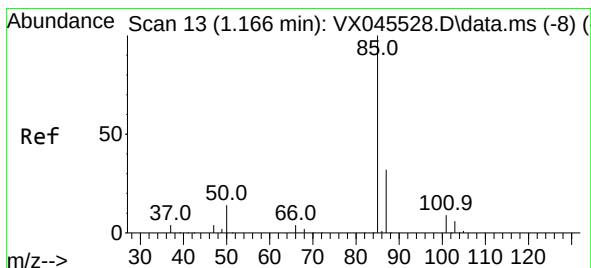
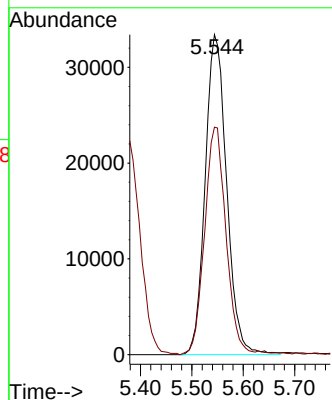
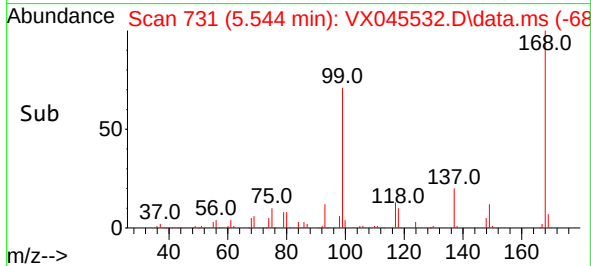
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:168 Resp: 96972
Ion Ratio Lower Upper
168 100
99 71.1 52.3 78.5

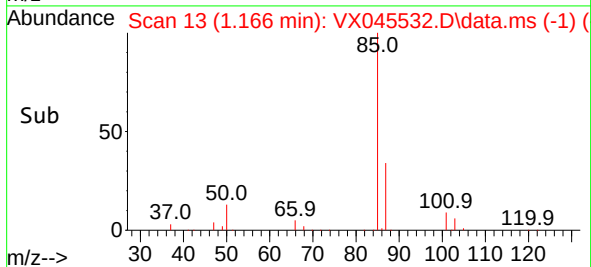
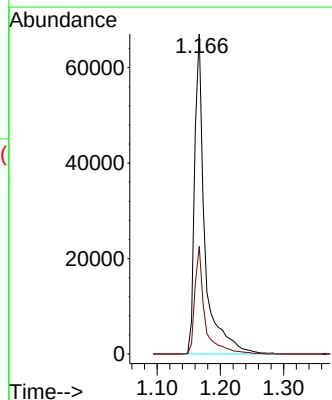
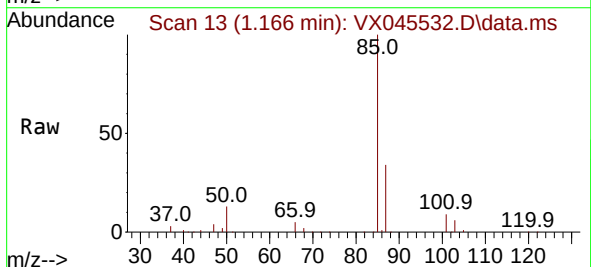
Manual Integrations
APPROVED

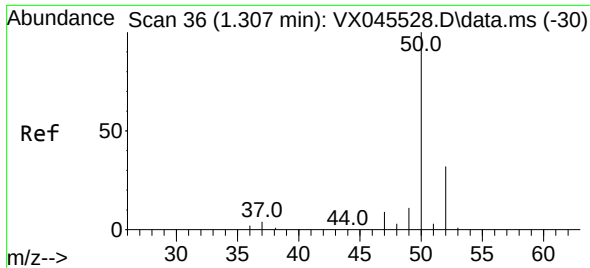
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 52.454 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 85 Resp: 76070
Ion Ratio Lower Upper
85 100
87 33.6 16.1 48.2





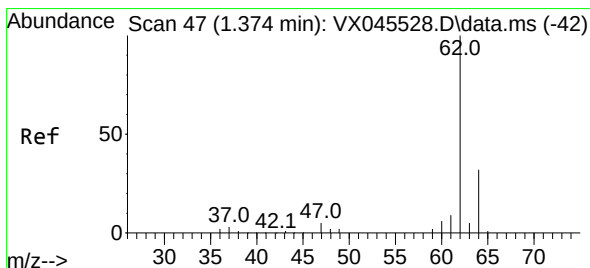
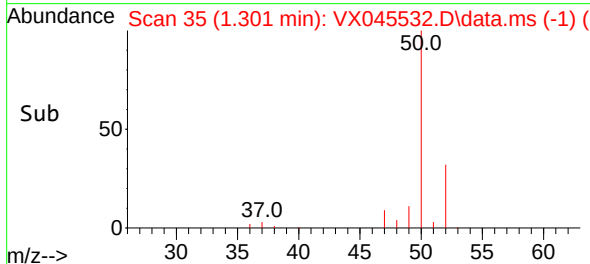
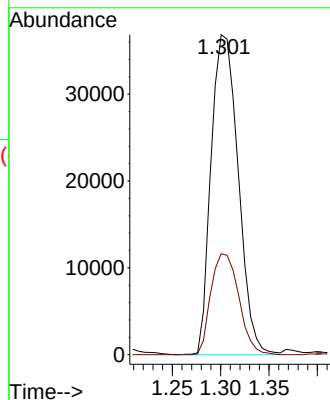
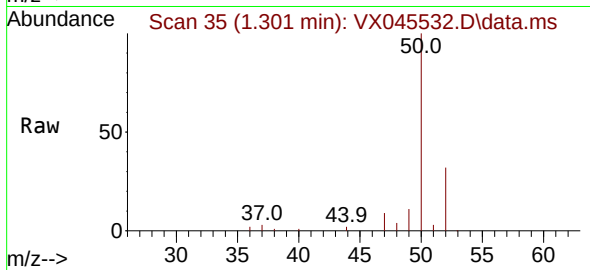
#3
Chloromethane
Concen: 48.349 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion: 50 Resp: 7203
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9

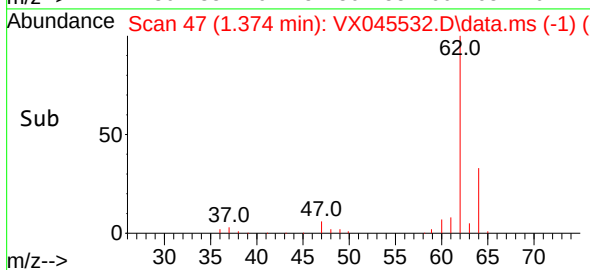
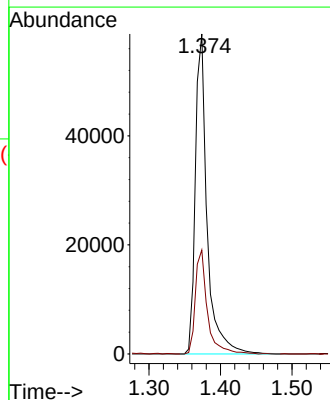
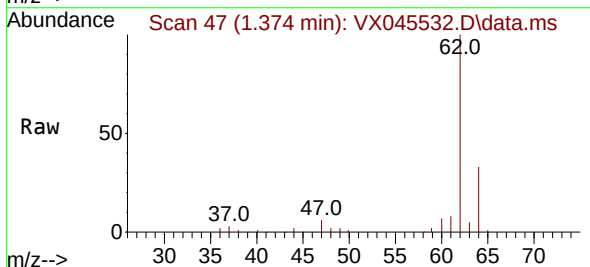
Manual Integrations
APPROVED

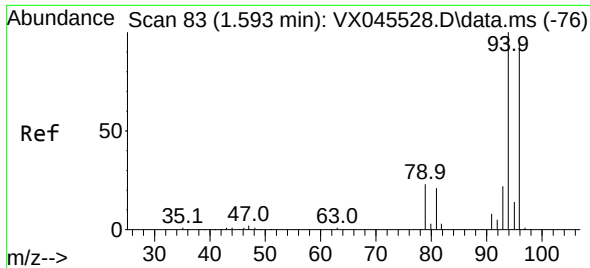
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 48.816 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

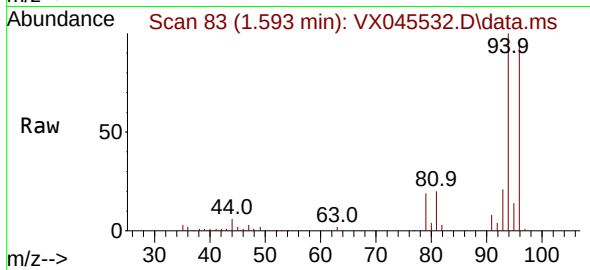
Tgt Ion: 62 Resp: 66559
Ion Ratio Lower Upper
62 100
64 32.5 25.5 38.3





#5
Bromomethane
Concen: 46.991 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

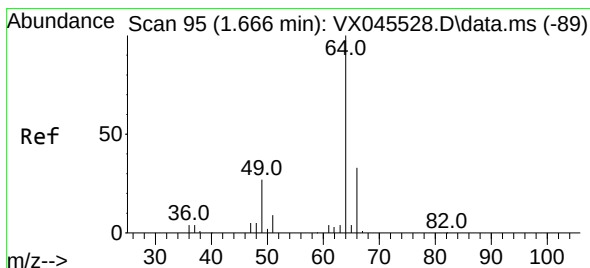
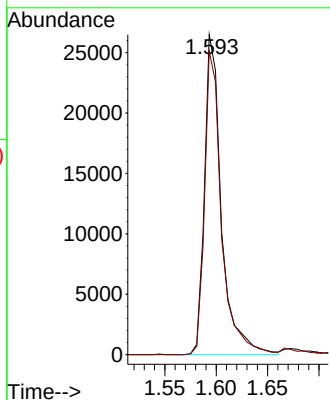
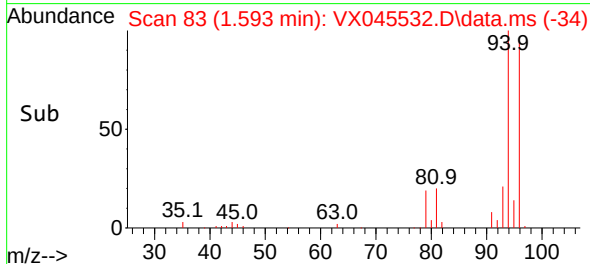
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 94 Resp: 30379
Ion Ratio Lower Upper
94 100
96 94.7 74.8 112.2

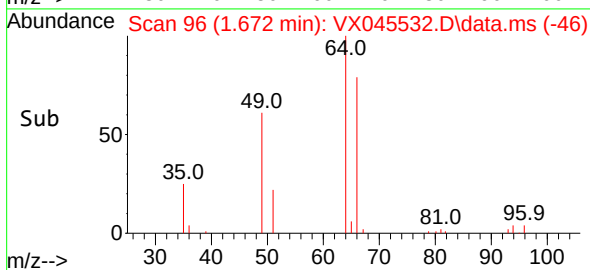
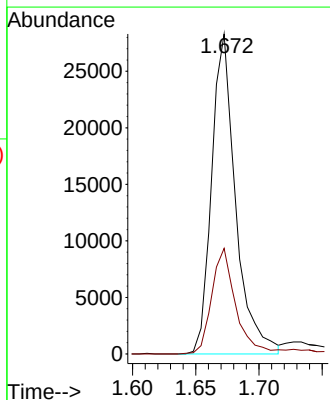
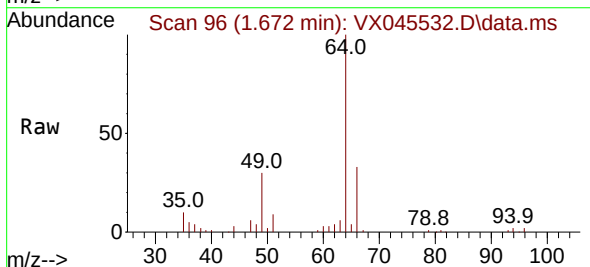
Manual Integrations
APPROVED

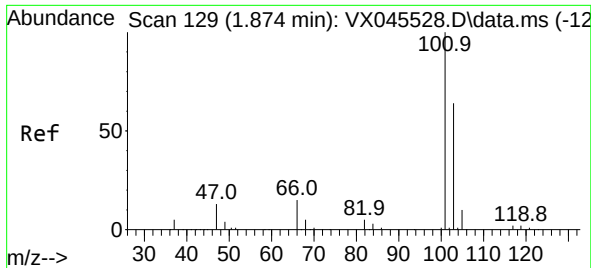
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 51.586 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

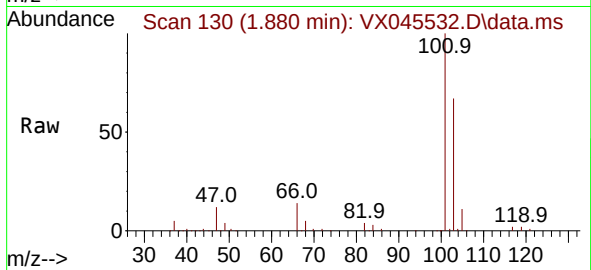
Tgt Ion: 64 Resp: 37317
Ion Ratio Lower Upper
64 100
66 33.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 50.354 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

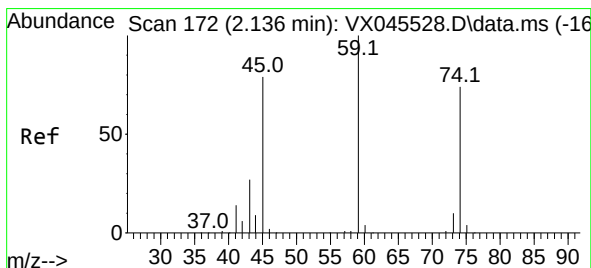
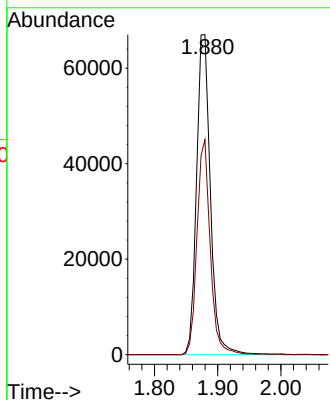
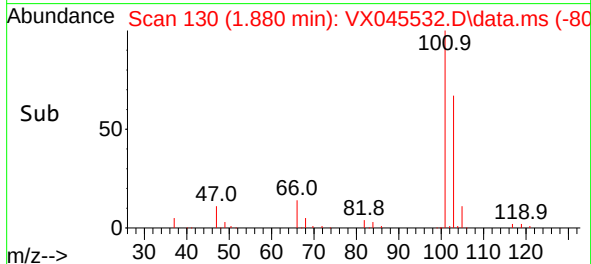
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:101 Resp: 102379
Ion Ratio Lower Upper
101 100
103 67.2 51.1 76.7

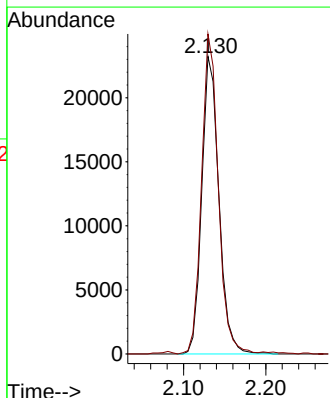
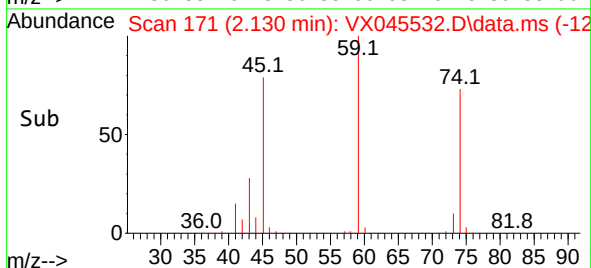
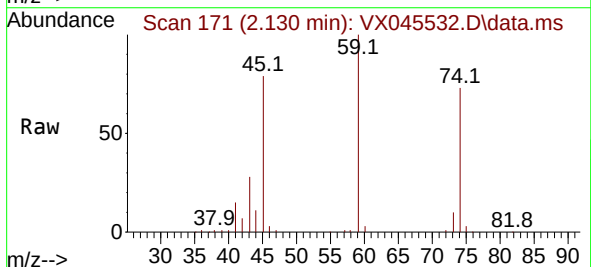
Manual Integrations
APPROVED

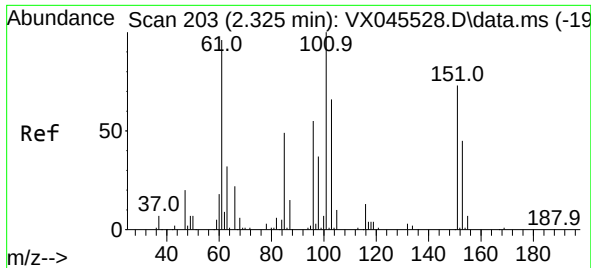
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#8
Diethyl Ether
Concen: 49.228 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 74 Resp: 33603
Ion Ratio Lower Upper
74 100
45 105.2 53.0 159.1





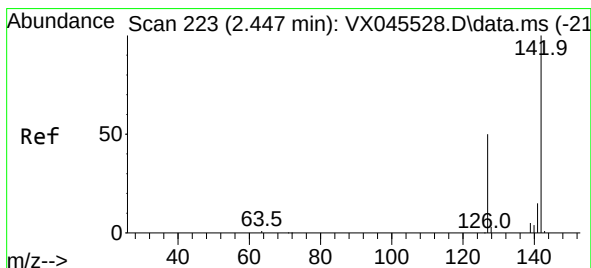
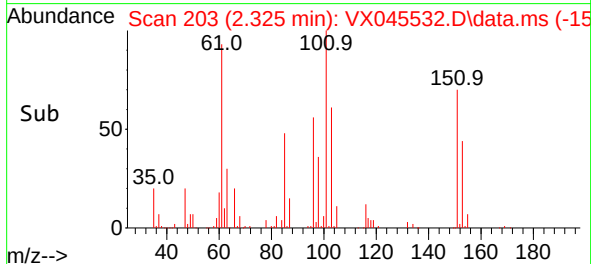
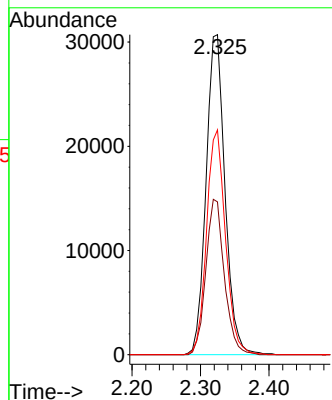
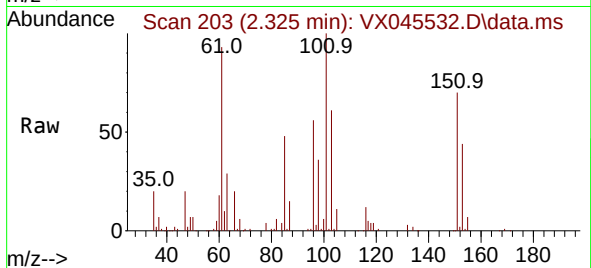
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.528 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion:101 Resp: 5900
Ion Ratio Lower Upper
101 100
85 47.5 38.9 58.3
151 70.1 57.5 86.3

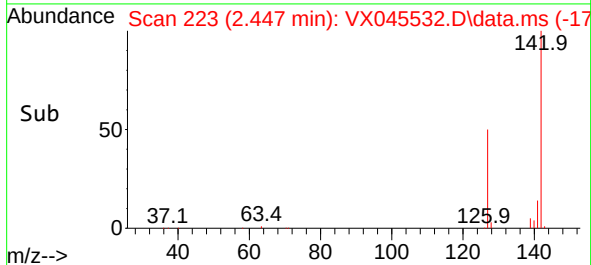
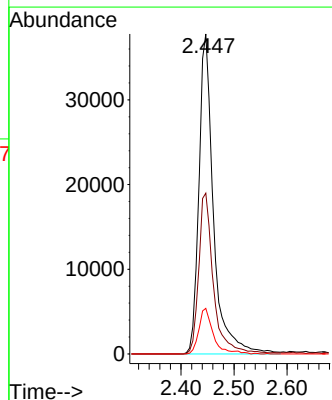
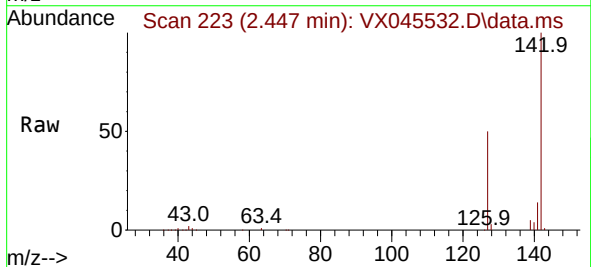
Manual Integrations
APPROVED

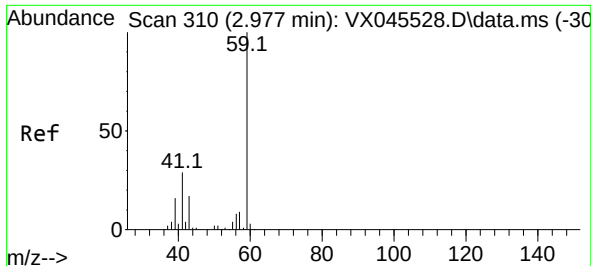
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 48.626 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:142 Resp: 72261
Ion Ratio Lower Upper
142 100
127 50.6 40.2 60.4
141 14.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 246.612 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

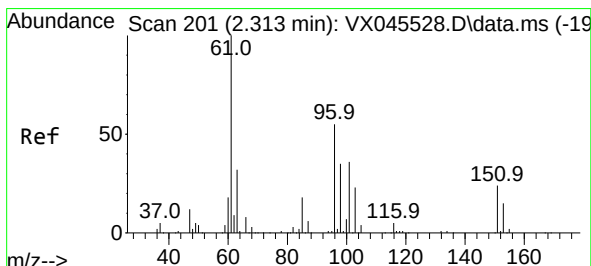
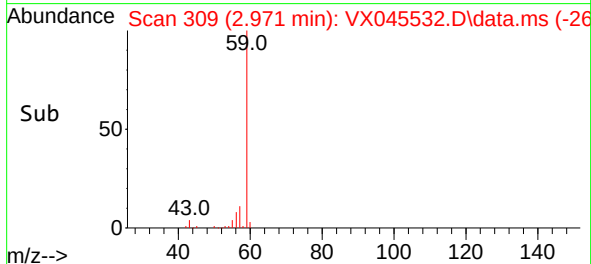
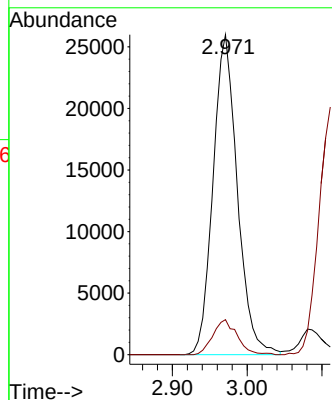
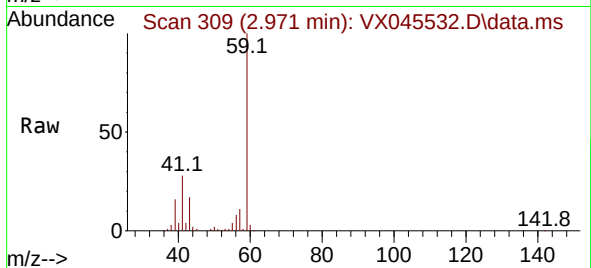
Tgt Ion: 59 Resp: 58774
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#12

1,1-Dichloroethene

Concen: 49.726 ug/l

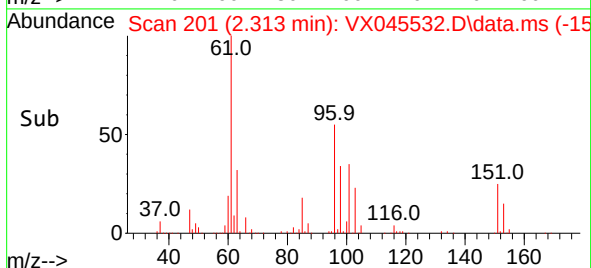
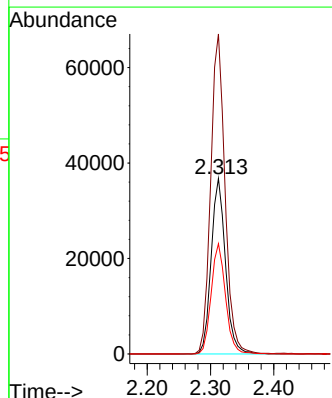
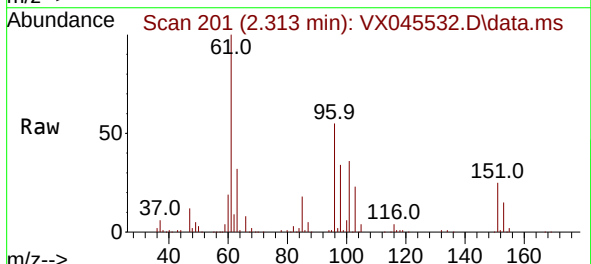
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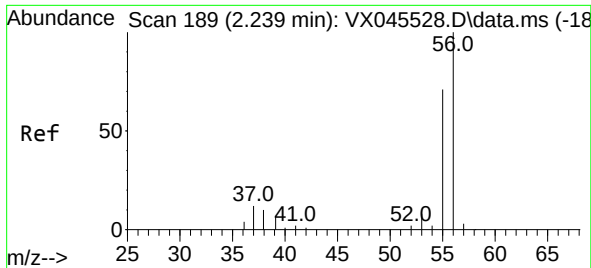
Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

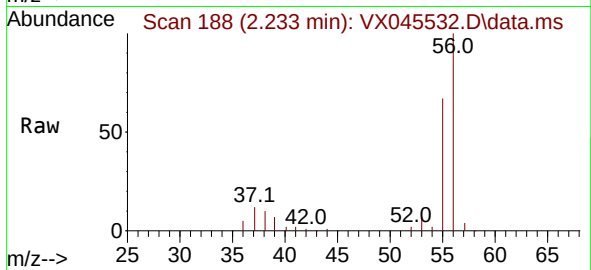
Tgt Ion: 96 Resp: 57888
 Ion Ratio Lower Upper
 96 100
 61 182.3 145.7 218.5
 98 62.8 51.6 77.4





#13
Acrolein
Concen: 238.141 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

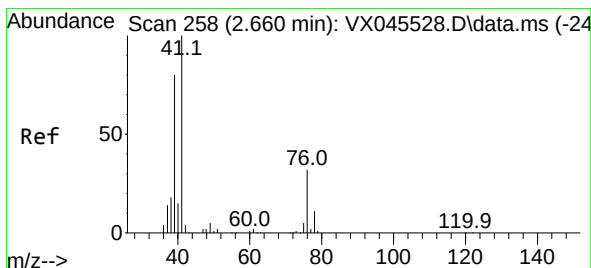
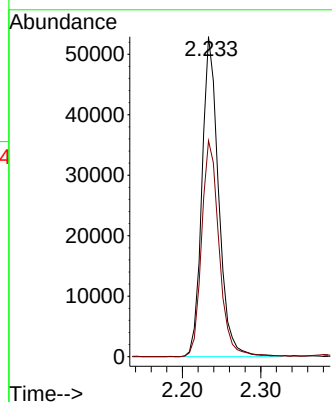
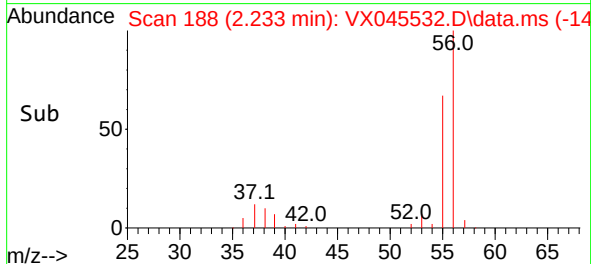
Instrument :
MSVOA_X
ClientSampleId :
ICVX040225



Tgt Ion: 56 Resp: 78150
Ion Ratio Lower Upper
56 100
55 71.0 56.2 84.2

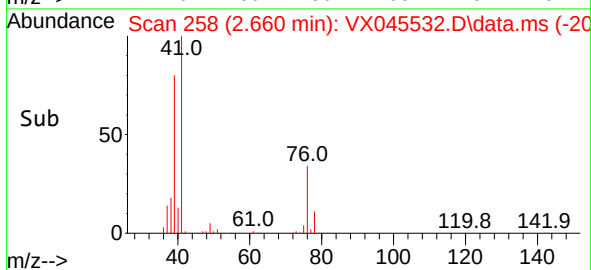
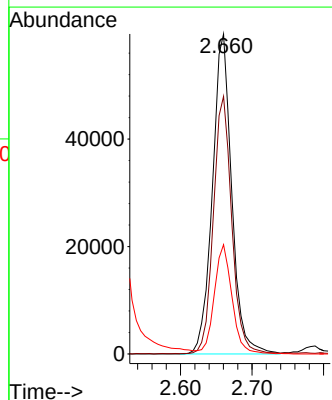
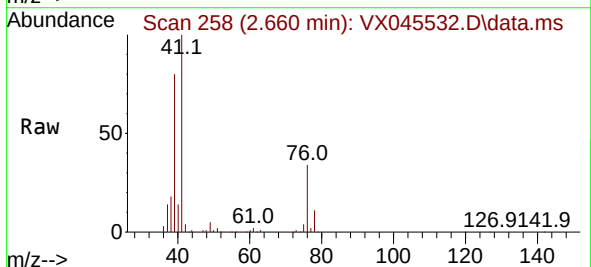
Manual Integrations
APPROVED

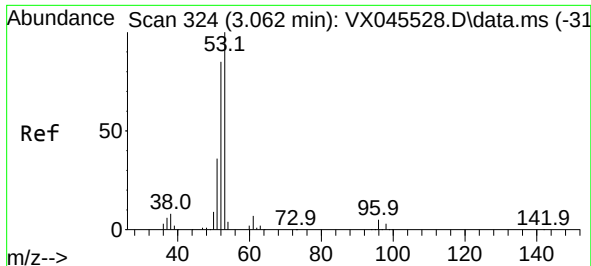
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#14
Allyl chloride
Concen: 50.541 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

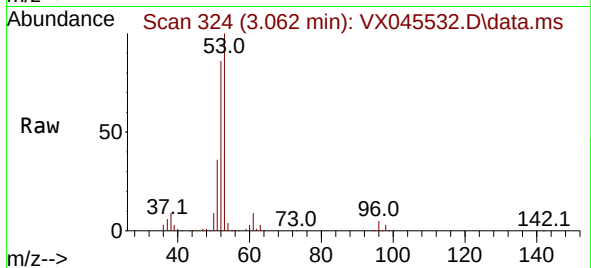
Tgt Ion: 41 Resp: 111636
Ion Ratio Lower Upper
41 100
39 76.2 60.2 90.2
76 31.6 24.6 36.8





#15
Acrylonitrile
Concen: 248.351 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

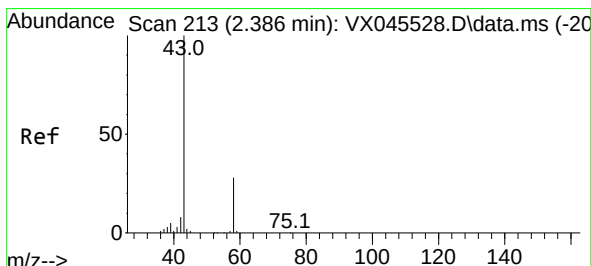
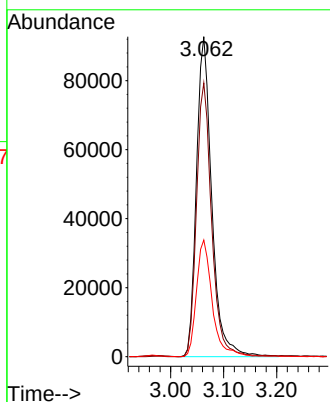
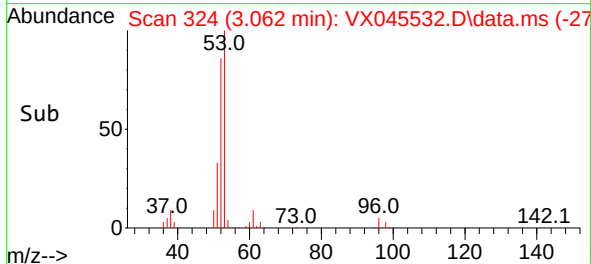
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



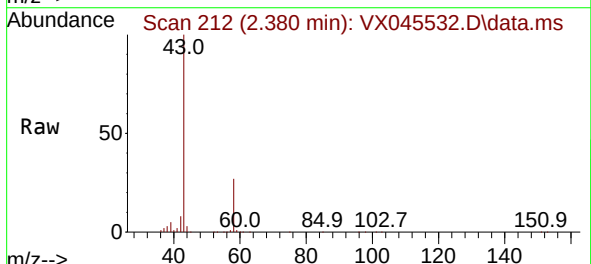
Tgt Ion: 53 Resp: 18683
Ion Ratio Lower Upper
53 100
52 84.1 67.4 101.2
51 37.6 29.9 44.9

Manual Integrations
APPROVED

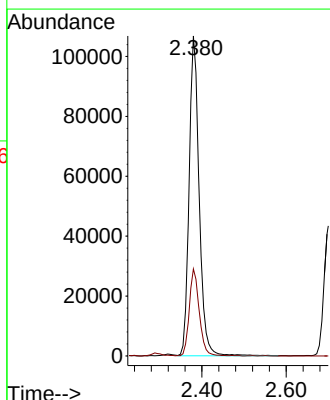
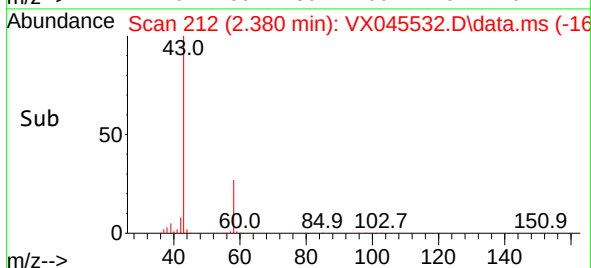
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

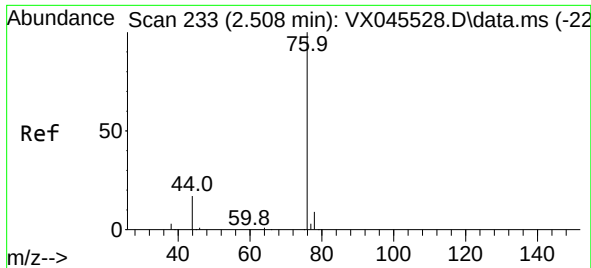


#16
Acetone
Concen: 241.904 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48



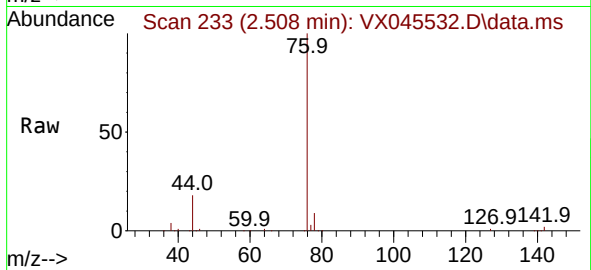
Tgt Ion: 43 Resp: 176153
Ion Ratio Lower Upper
43 100
58 27.2 22.3 33.5





#17
Carbon Disulfide
Concen: 52.057 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

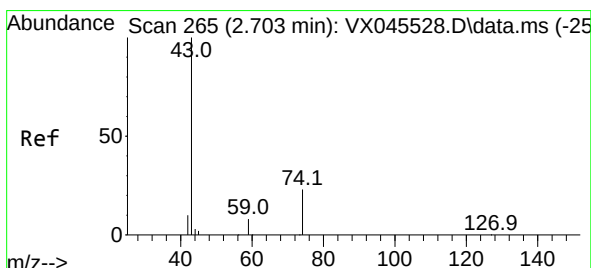
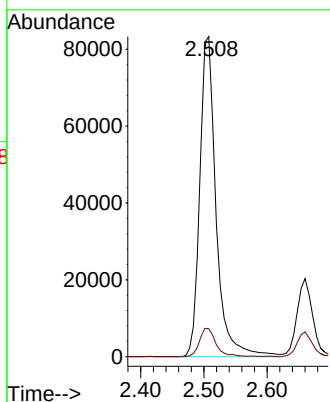
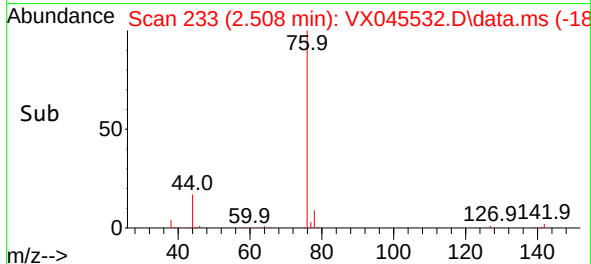
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 76 Resp: 14967
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

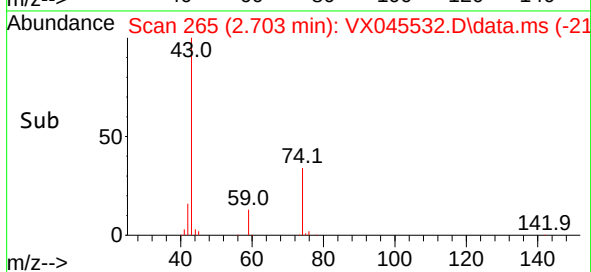
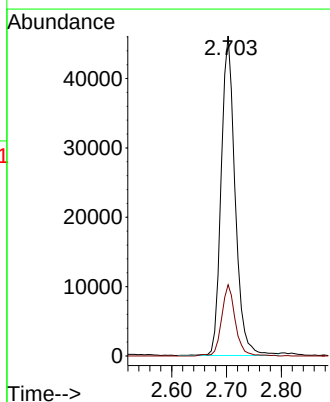
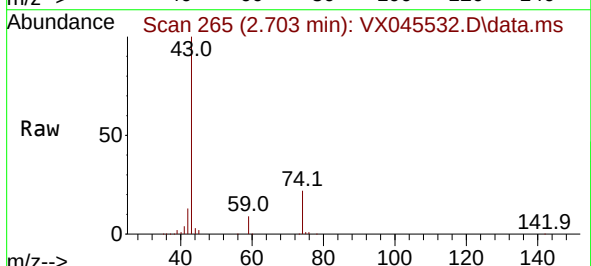
Manual Integrations
APPROVED

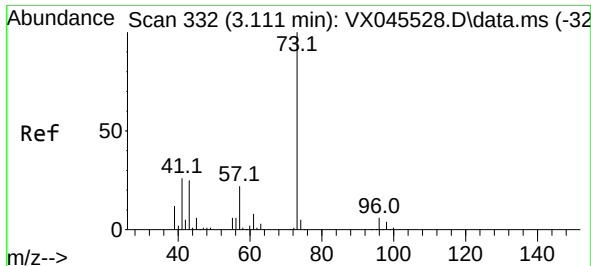
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#18
Methyl Acetate
Concen: 48.742 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

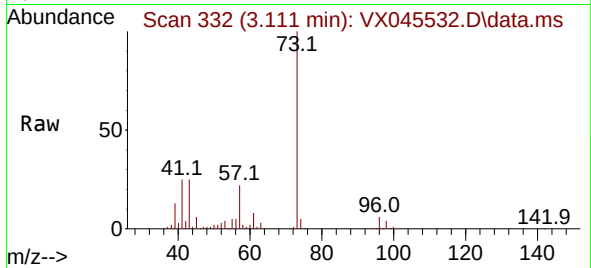
Tgt Ion: 43 Resp: 81720
Ion Ratio Lower Upper
43 100
74 21.8 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 50.950 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

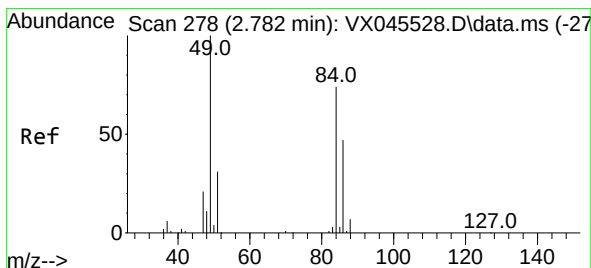
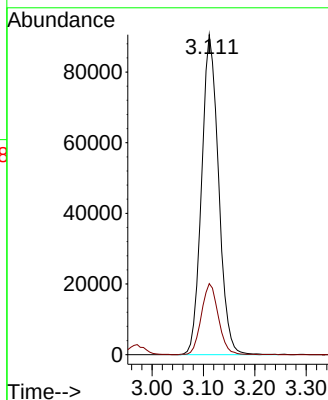
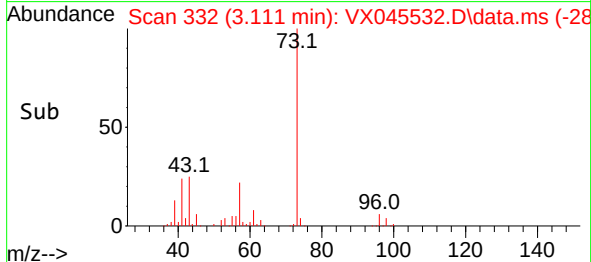
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 73 Resp: 20748
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

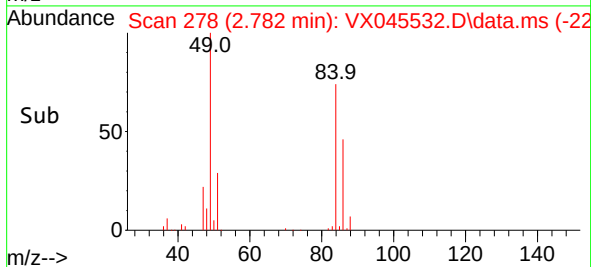
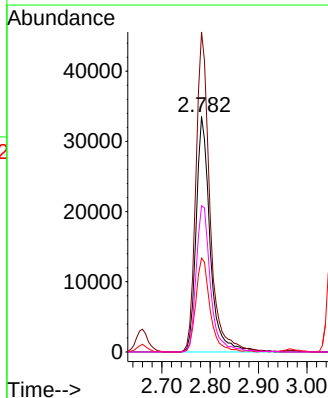
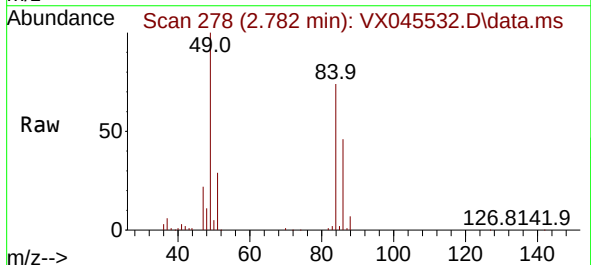
Manual Integrations
APPROVED

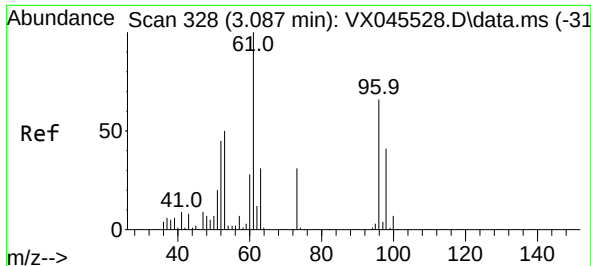
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#20
Methylene Chloride
Concen: 49.055 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

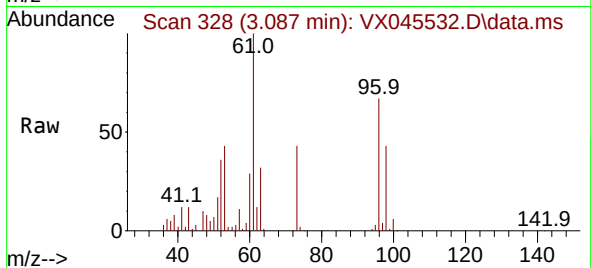
Tgt Ion: 84 Resp: 66875
Ion Ratio Lower Upper
84 100
49 135.9 107.5 161.3
51 39.9 33.0 49.6
86 62.1 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 49.800 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

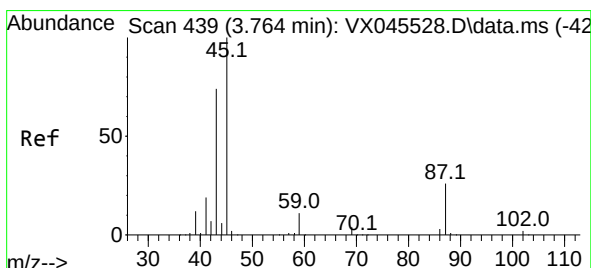
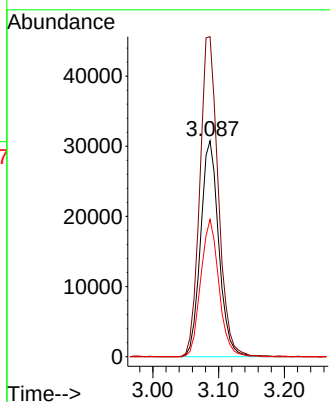
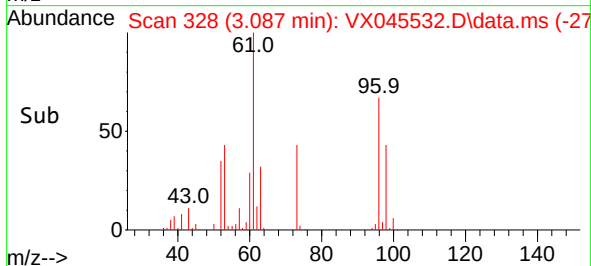
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



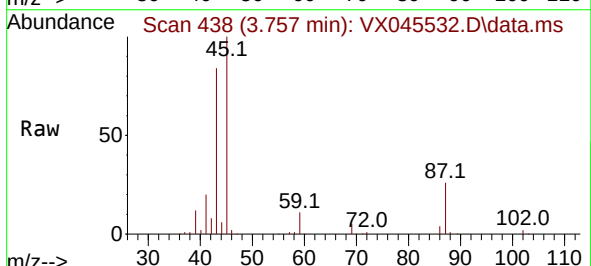
Tgt Ion: 96 Resp: 59229
Ion Ratio Lower Upper
96 100
61 148.2 121.0 181.6
98 63.6 49.7 74.5

Manual Integrations
APPROVED

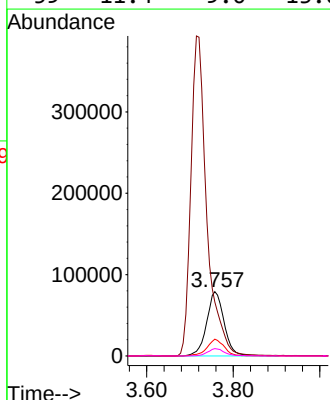
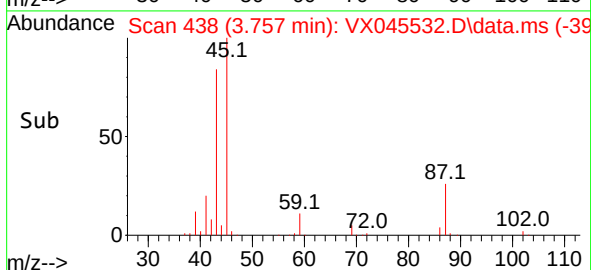
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

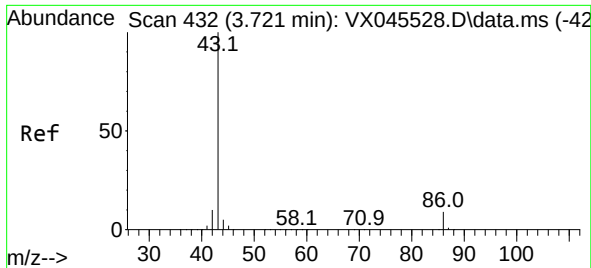


#22
Diisopropyl ether
Concen: 50.895 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48



Tgt Ion: 45 Resp: 221449
Ion Ratio Lower Upper
45 100
43 83.3 59.3 88.9
87 26.0 20.4 30.6
59 11.4 9.0 13.6





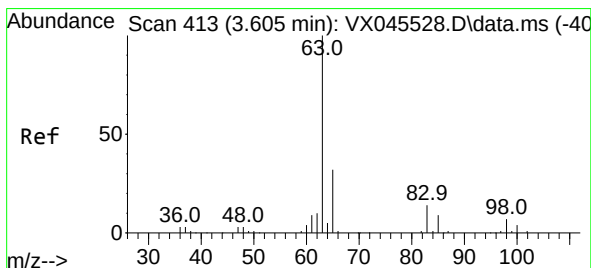
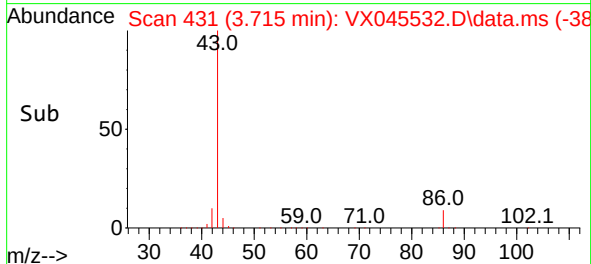
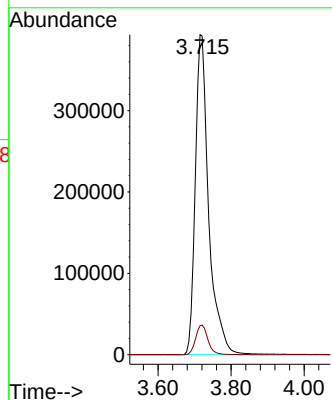
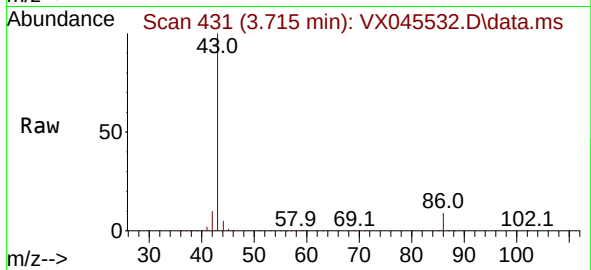
#23
 Vinyl Acetate
 Concen: 267.449 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX045532.D
 Acq: 01 Apr 2025 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Tgt Ion: 43 Resp: 100542
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3

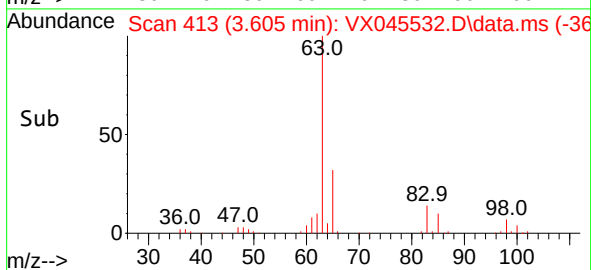
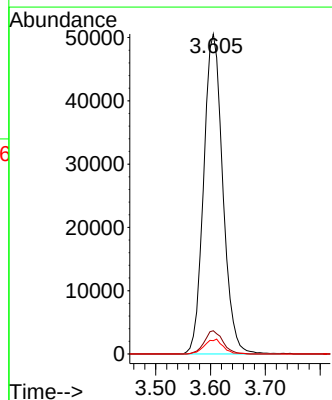
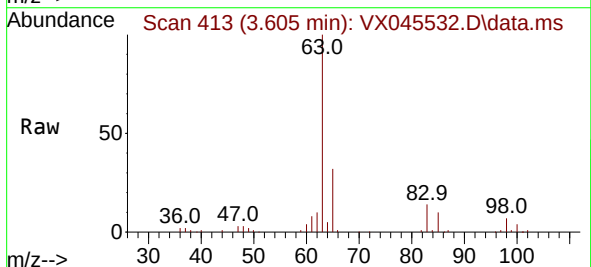
Manual Integrations
 APPROVED

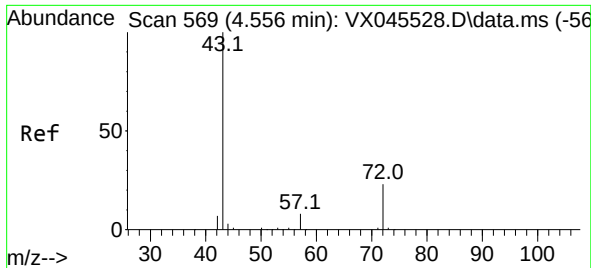
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#24
 1,1-Dichloroethane
 Concen: 49.677 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045532.D
 Acq: 01 Apr 2025 19:48

Tgt Ion: 63 Resp: 122240
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.1
 100 4.2 2.2 6.6





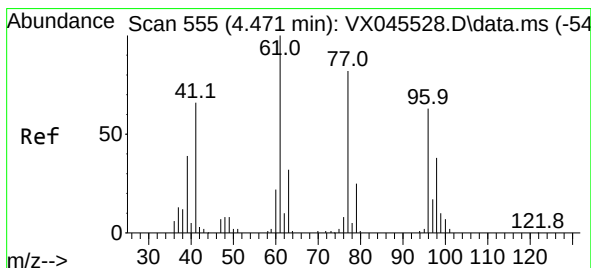
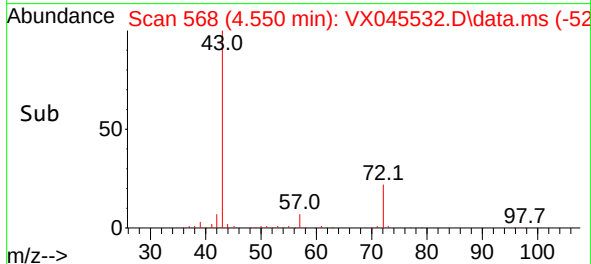
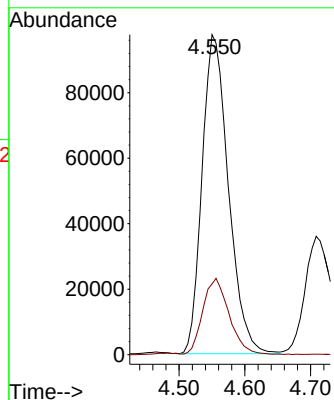
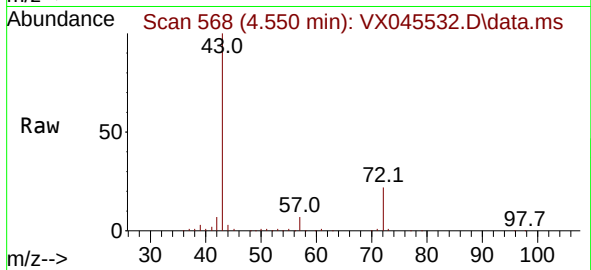
#25
2-Butanone
Concen: 254.882 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion: 43 Resp: 271680
Ion Ratio Lower Upper
43 100
72 22.0 18.6 28.0

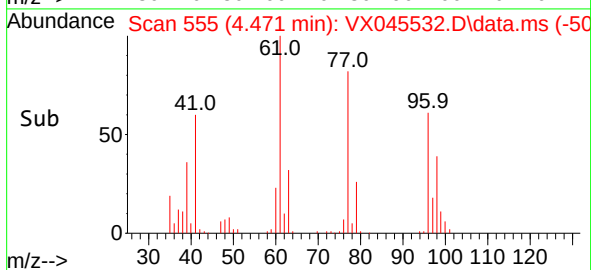
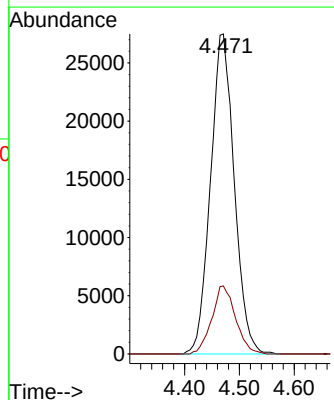
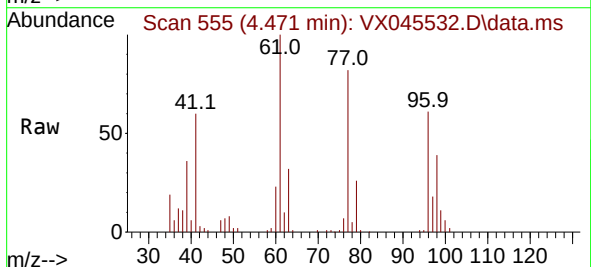
Manual Integrations
APPROVED

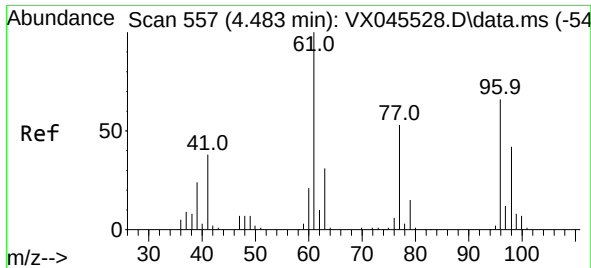
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 52.020 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 77 Resp: 82704
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 49.049 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

Tgt Ion: 96 Resp: 71072

Ion Ratio Lower Upper

96 100

61 158.6 0.0 313.2

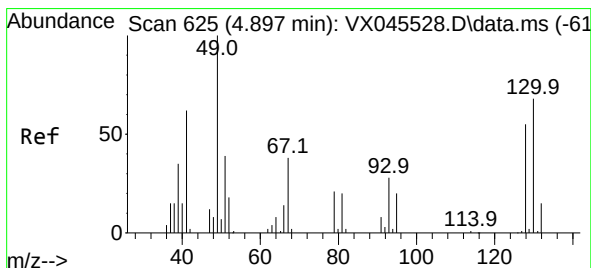
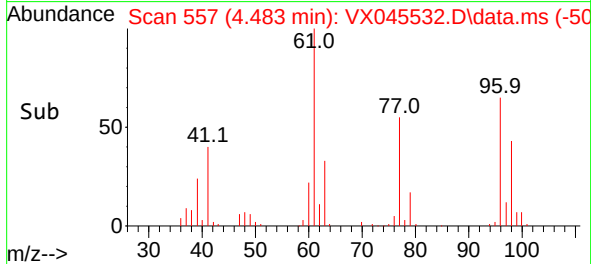
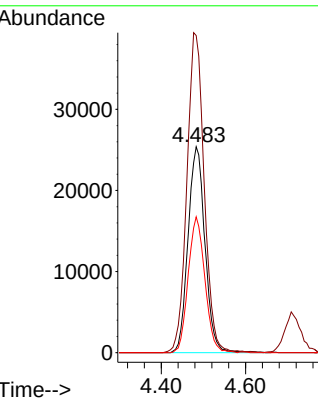
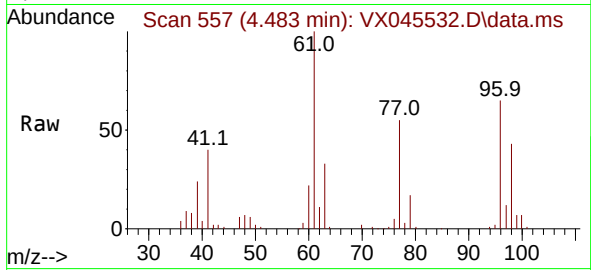
98 65.1 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 48.403 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

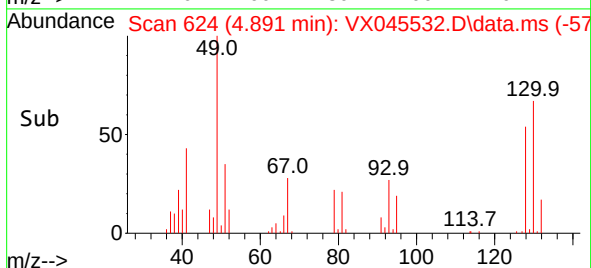
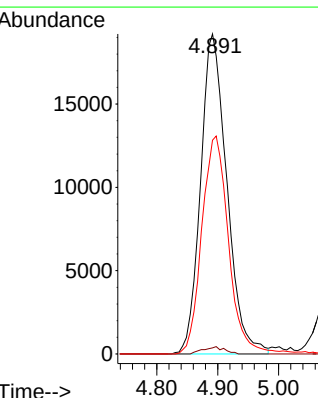
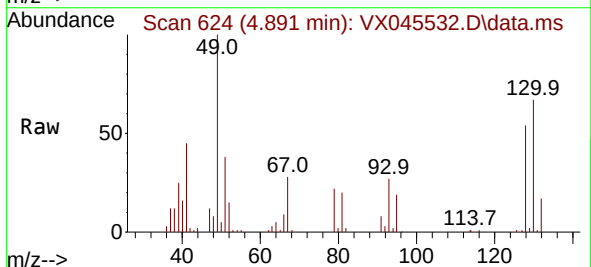
Tgt Ion: 49 Resp: 57557

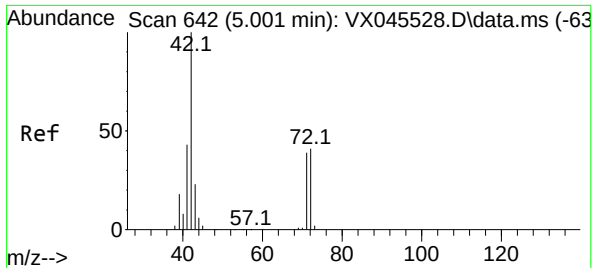
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 69.3 54.6 81.8





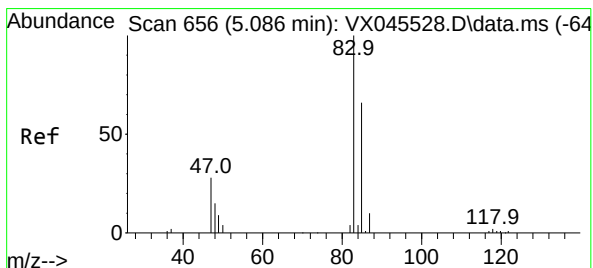
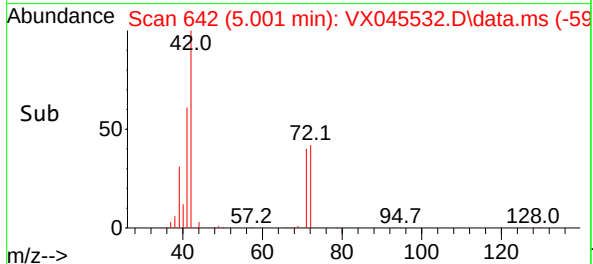
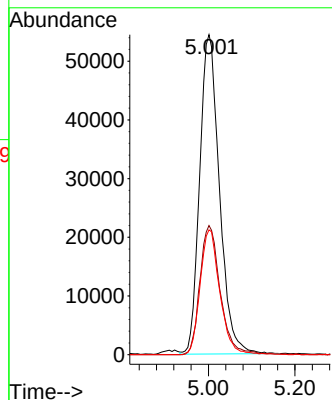
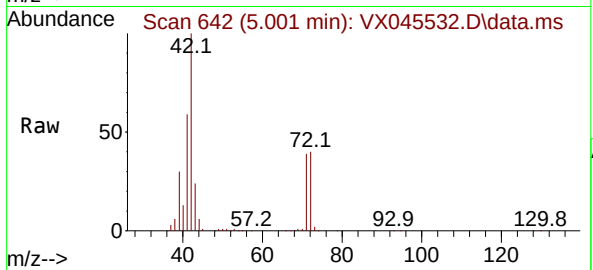
#29
Tetrahydrofuran
Concen: 249.473 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion: 42 Resp: 172409
Ion Ratio Lower Upper
42 100
72 41.7 33.4 50.0
71 39.0 31.4 47.0

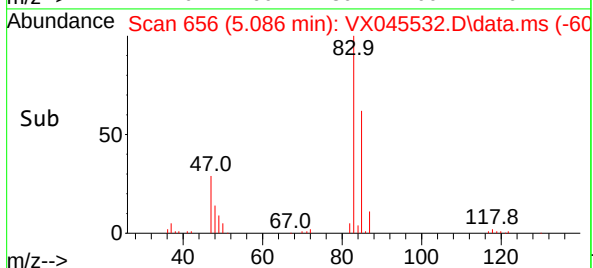
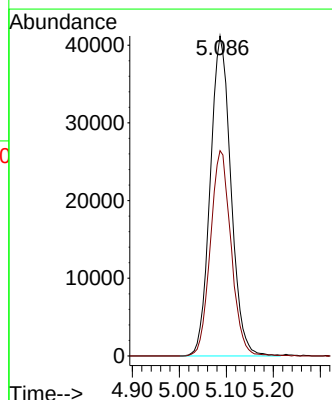
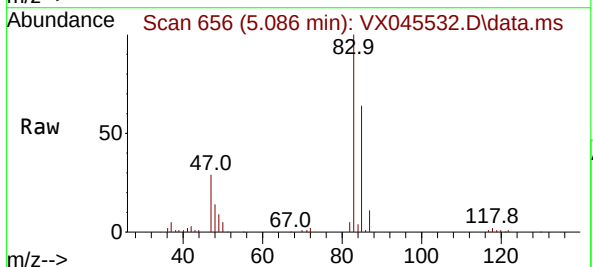
Manual Integrations
APPROVED

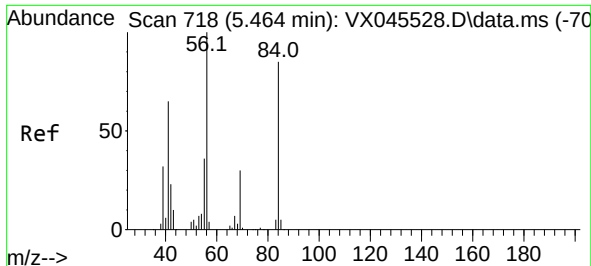
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#30
Chloroform
Concen: 49.614 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

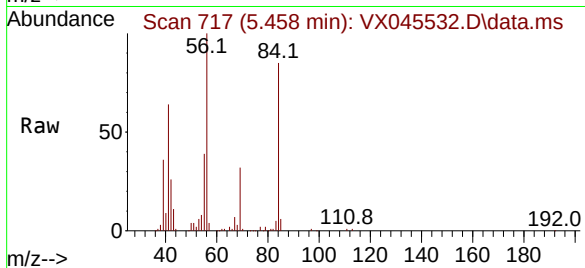
Tgt Ion: 83 Resp: 125621
Ion Ratio Lower Upper
83 100
85 64.2 52.8 79.2





#31
Cyclohexane
Concen: 49.583 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

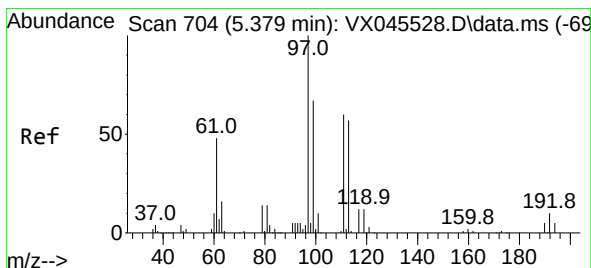
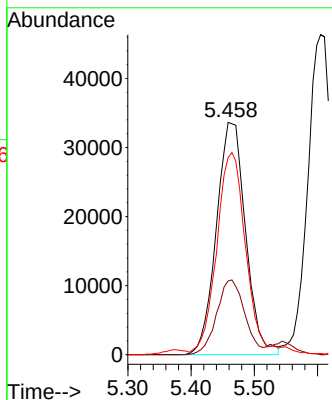
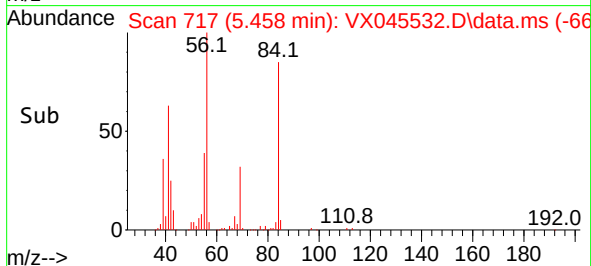
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 56 Resp: 107862
Ion Ratio Lower Upper
56 100
69 31.7 23.6 35.4
84 82.7 67.7 101.5

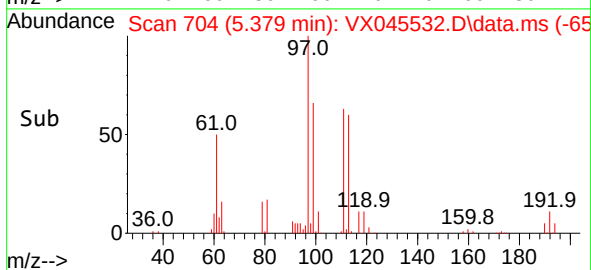
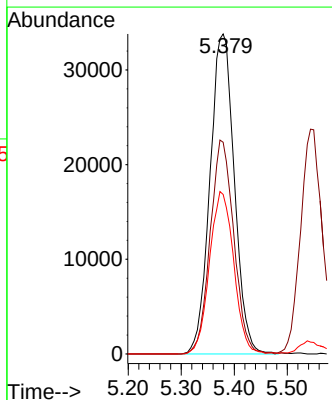
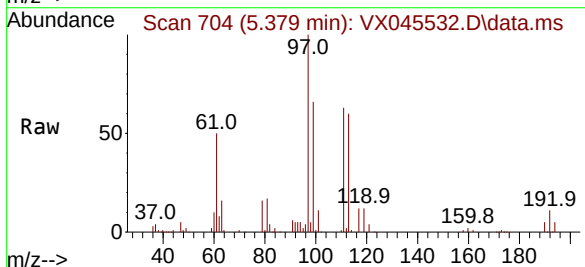
Manual Integrations
APPROVED

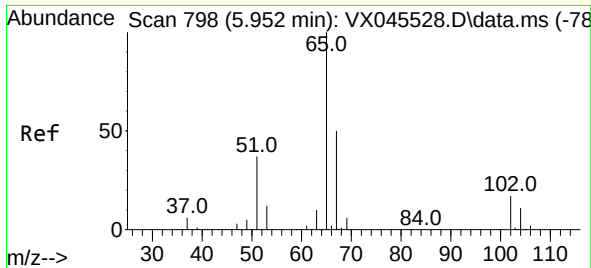
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#32
1,1,1-Trichloroethane
Concen: 50.330 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 97 Resp: 107830
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 50.5 41.0 61.4





#33
 1,2-Dichloroethane-d4
 Concen: 50.329 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045532.D
 Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

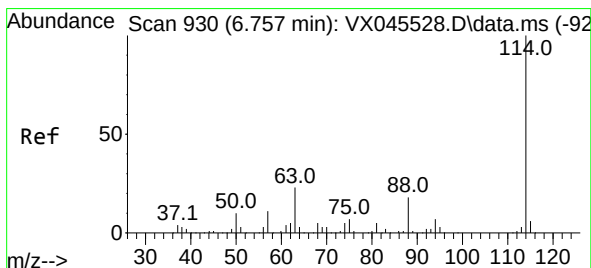
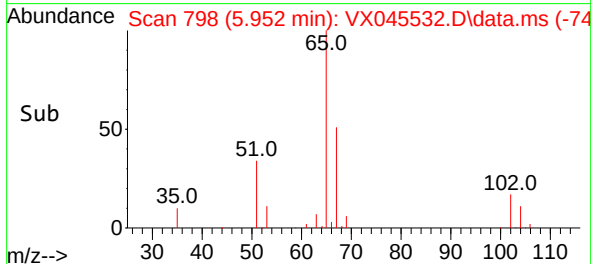
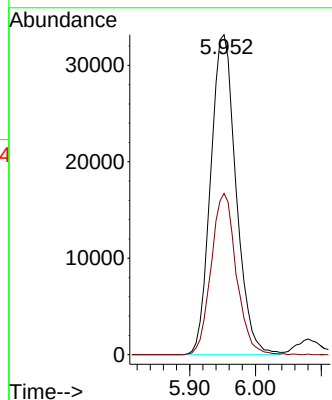
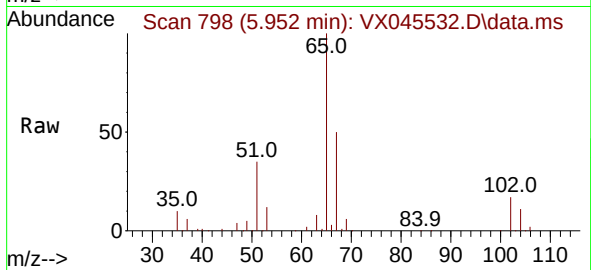
Tgt Ion: 65 Resp: 8925
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.0

Manual Integrations

APPROVED

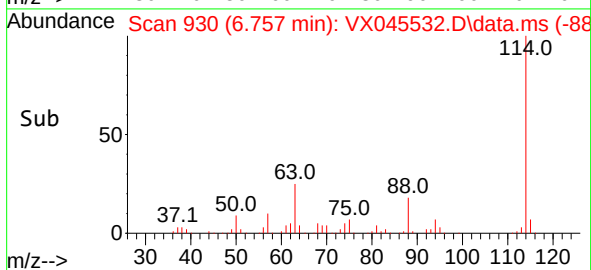
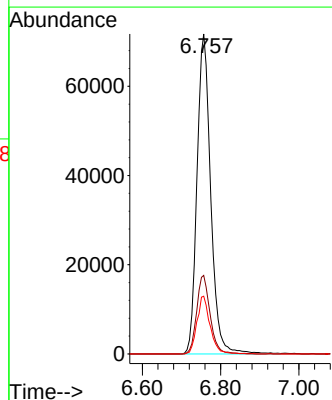
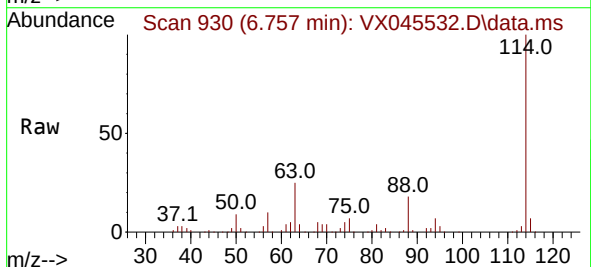
Reviewed By :Amit Patel 04/02/2025

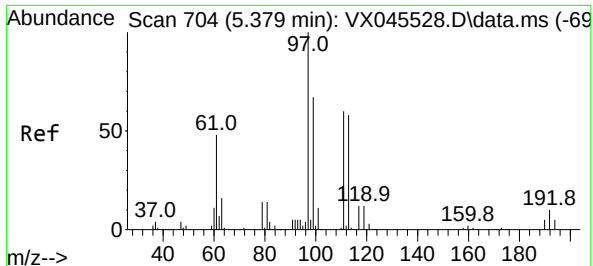
Supervised By :Mahesh Dadoda 04/02/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045532.D
 Acq: 01 Apr 2025 19:48

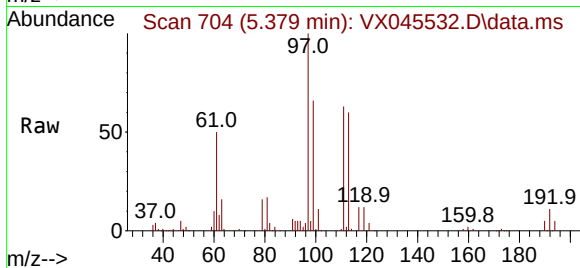
Tgt Ion:114 Resp: 174855
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.8
 88 18.1 0.0 35.4





#35
Dibromofluoromethane
Concen: 49.256 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

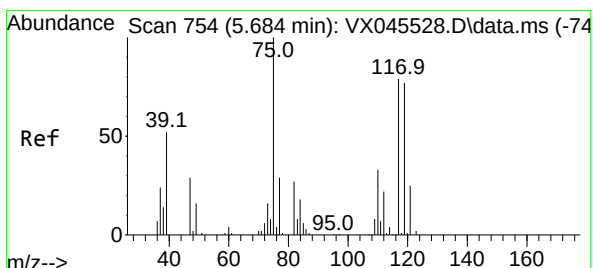
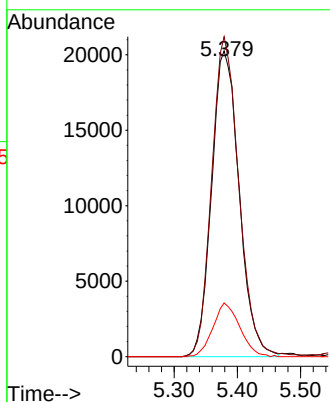
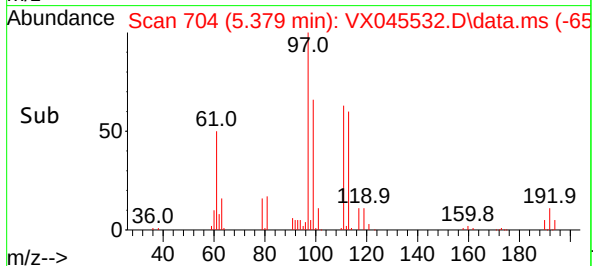
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 113 Resp: 6110
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 17.2 13.8 20.6

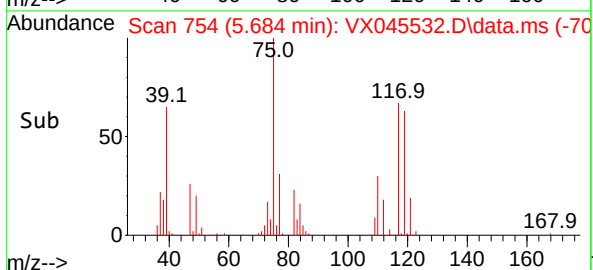
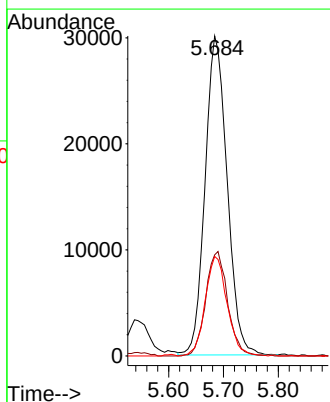
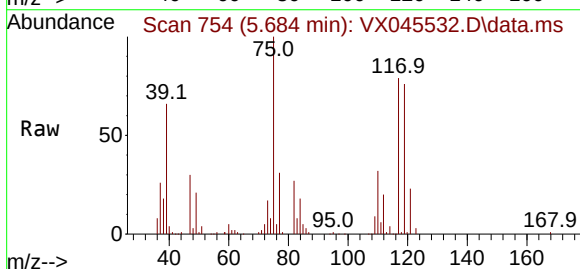
Manual Integrations
APPROVED

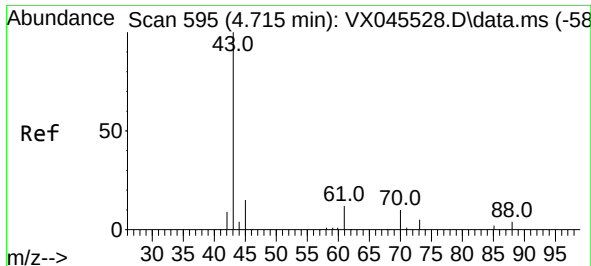
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#36
1,1-Dichloropropene
Concen: 50.088 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 75 Resp: 83901
Ion Ratio Lower Upper
75 100
110 32.5 16.9 50.6
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 49.787 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

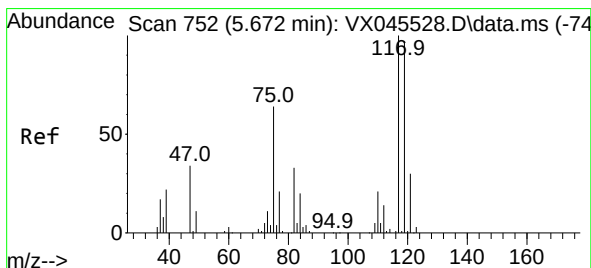
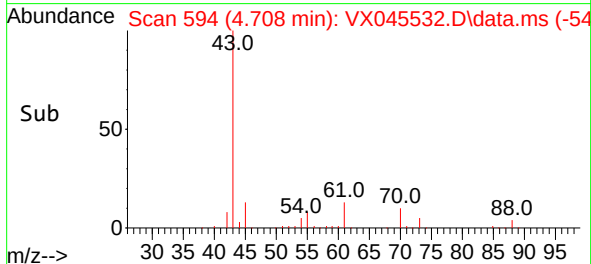
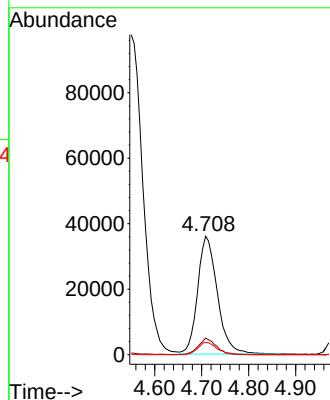
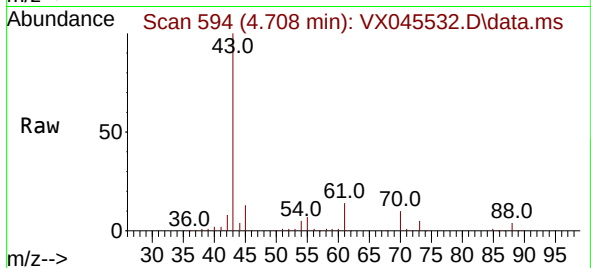
Tgt Ion: 43	Resp: 10509
Ion Ratio	Lower Upper
43 100	
61 12.9	9.9 14.9
70 10.2	7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#38

Carbon Tetrachloride

Concen: 50.667 ug/l

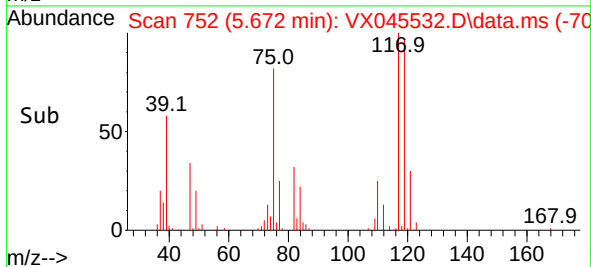
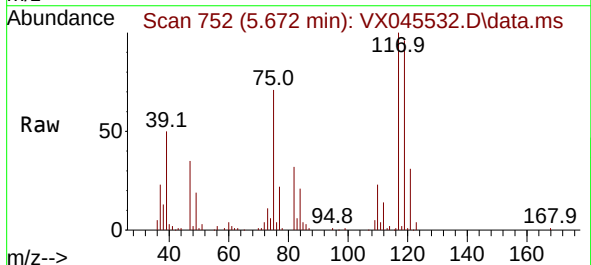
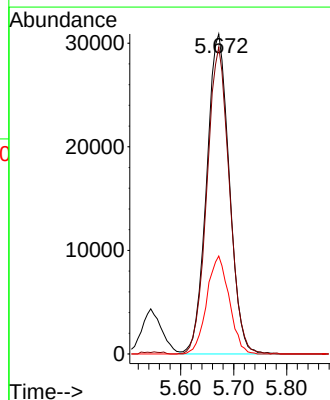
RT: 5.672 min Scan# 752

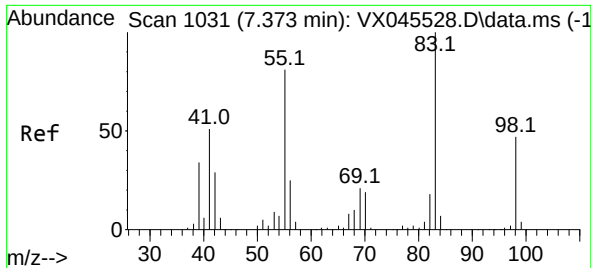
Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Tgt Ion:117	Resp: 91723
Ion Ratio	Lower Upper
117 100	
119 95.9	76.9 115.3
121 30.6	24.2 36.2





#39

Methylcyclohexane

Concen: 50.124 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion: 83 Resp: 102919

Ion Ratio Lower Upper

83 100

55 82.1 64.9 97.3

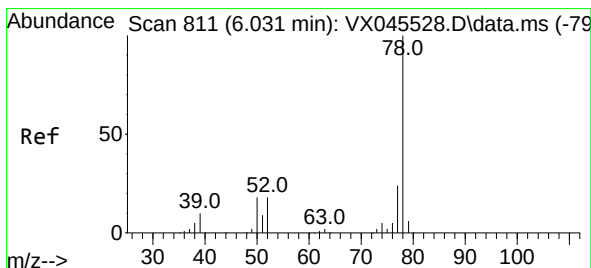
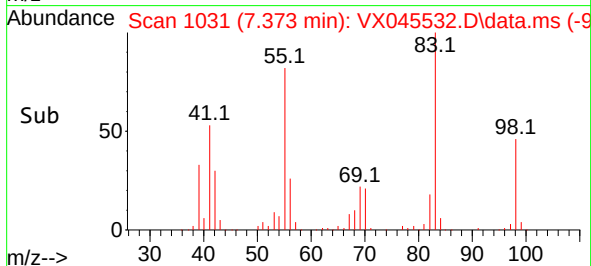
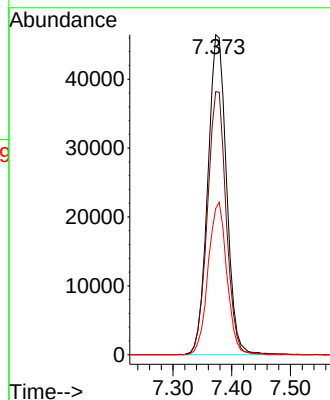
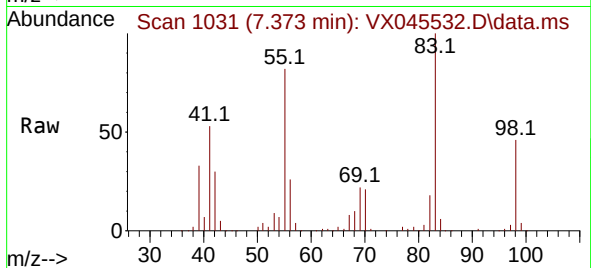
98 45.7 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#40

Benzene

Concen: 49.212 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045532.D

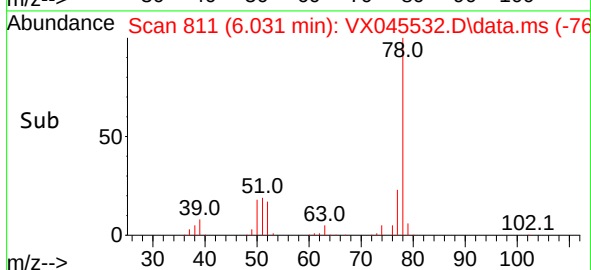
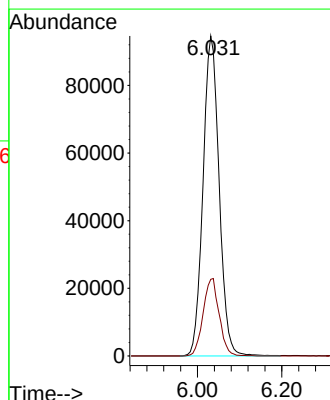
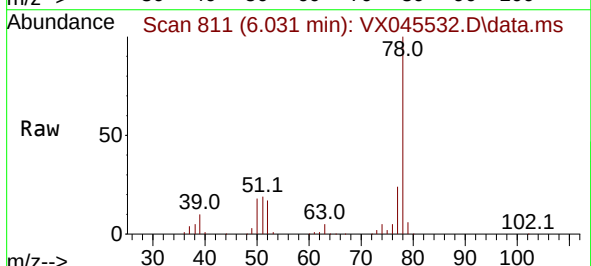
Acq: 01 Apr 2025 19:48

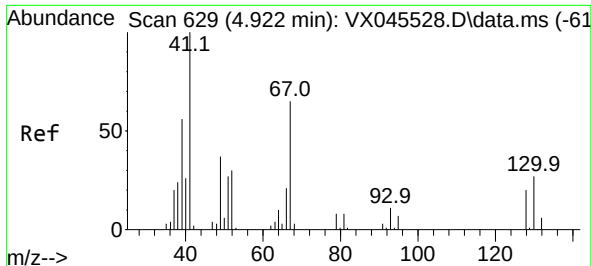
Tgt Ion: 78 Resp: 251758

Ion Ratio Lower Upper

78 100

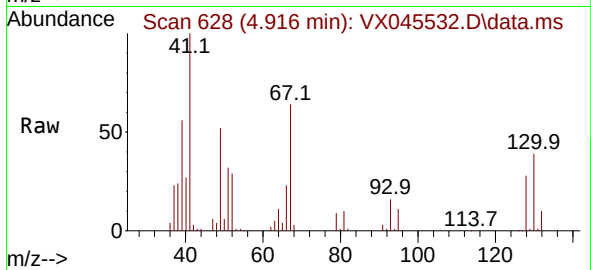
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 53.098 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

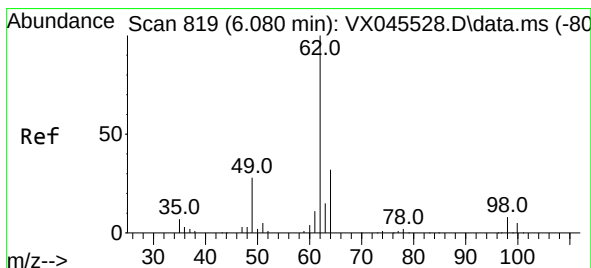
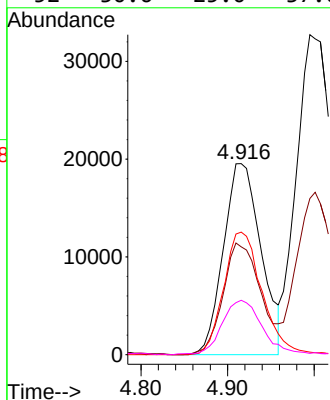
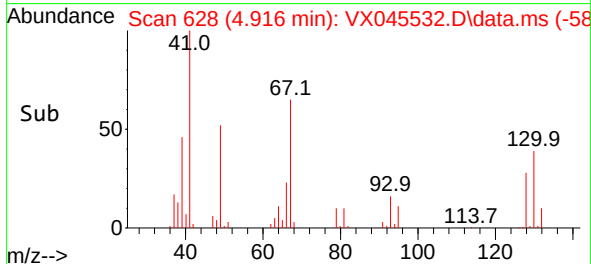
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 41 Resp: 59140
Ion Ratio Lower Upper
41 100
39 58.5 47.0 70.6
67 65.5 53.2 79.8
52 30.6 25.0 37.6

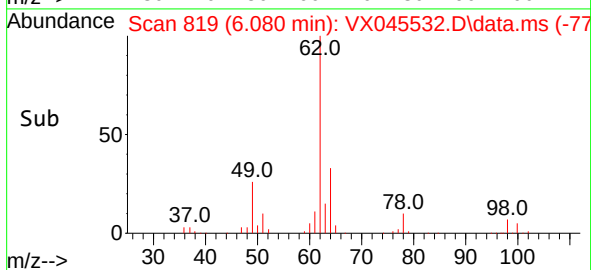
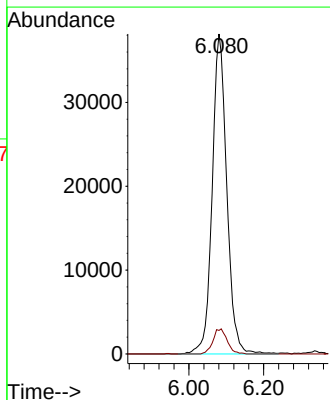
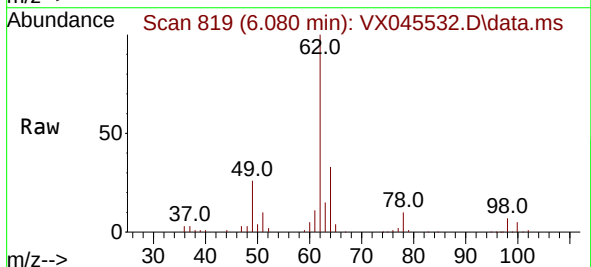
Manual Integrations
APPROVED

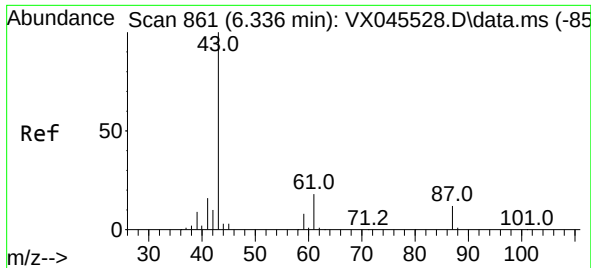
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#42
1,2-Dichloroethane
Concen: 48.875 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

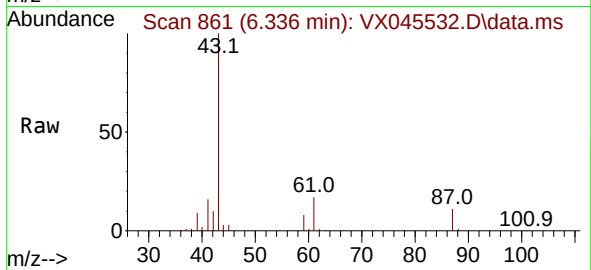
Tgt Ion: 62 Resp: 103270
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43
Isopropyl Acetate
Concen: 51.539 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

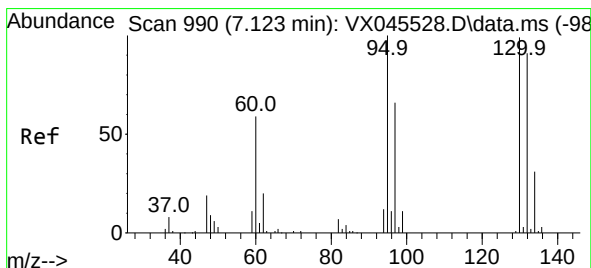
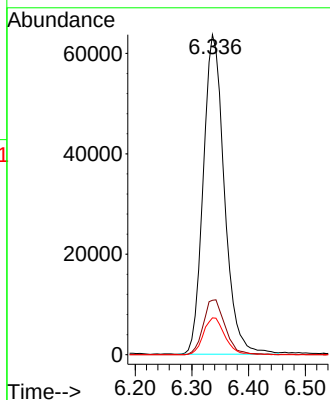
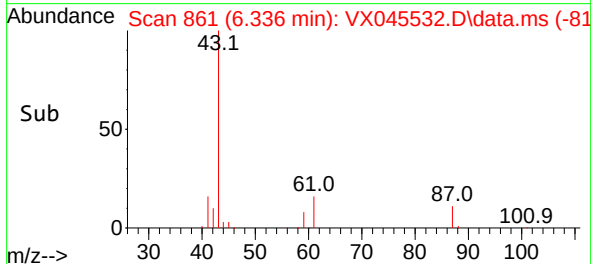
Instrument :
MSVOA_X
ClientSampleId :
ICVX040225



Tgt Ion: 43 Resp: 164894
Ion Ratio Lower Upper
43 100
61 17.7 14.1 21.1
87 11.6 9.2 13.8

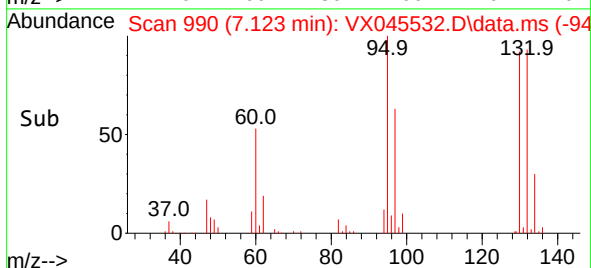
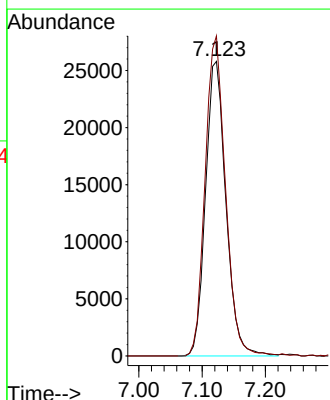
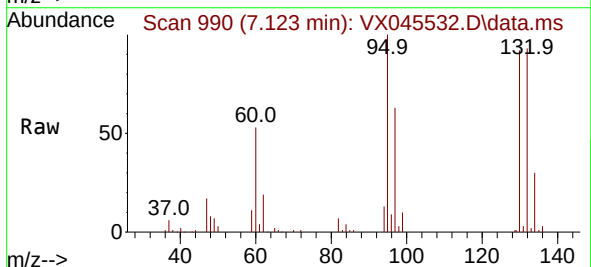
Manual Integrations
APPROVED

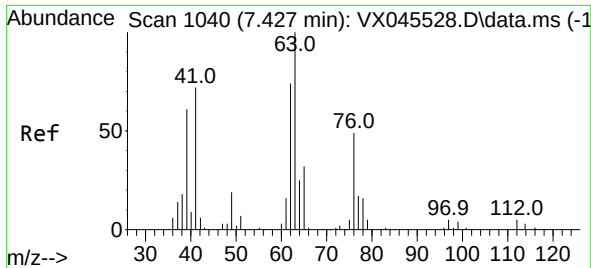
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#44
Trichloroethene
Concen: 47.643 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:130 Resp: 57931
Ion Ratio Lower Upper
130 100
95 108.6 0.0 202.0





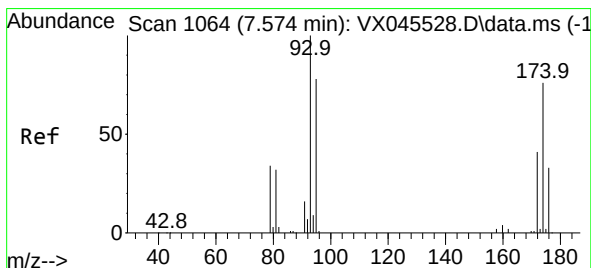
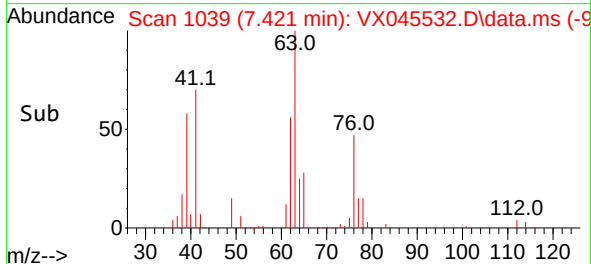
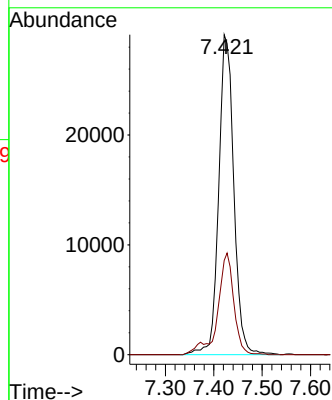
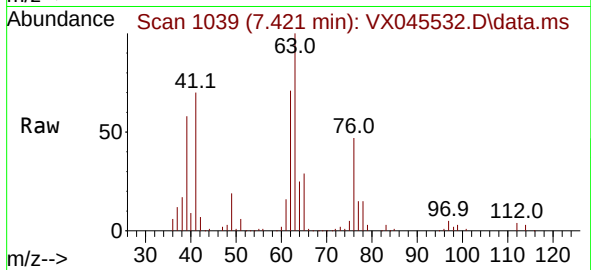
#45
1,2-Dichloropropane
Concen: 49.521 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion: 63 Resp: 63210
Ion Ratio Lower Upper
63 100
65 29.5 25.8 38.6

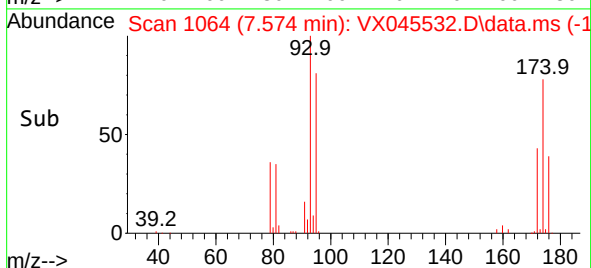
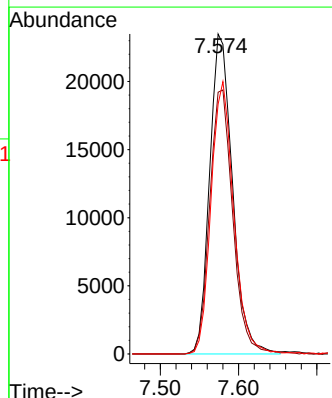
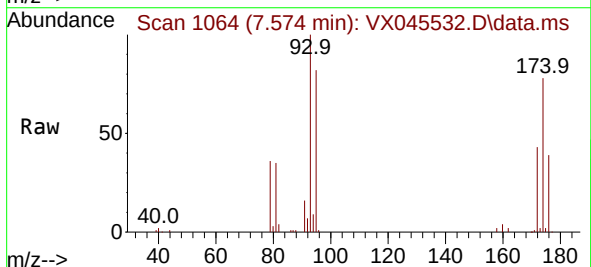
Manual Integrations
APPROVED

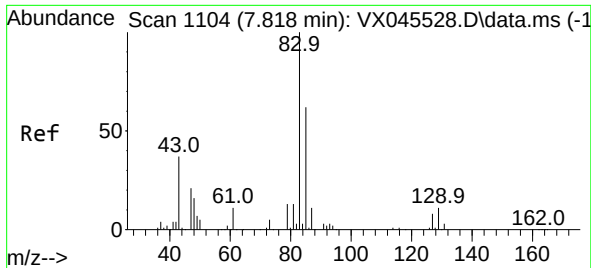
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#46
Dibromomethane
Concen: 48.542 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

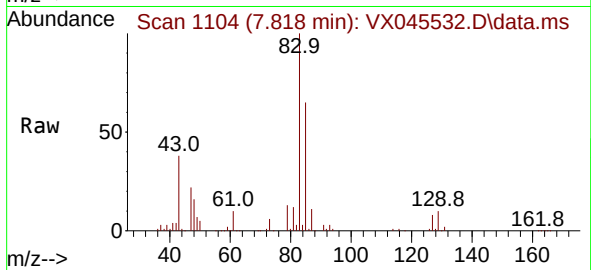
Tgt Ion: 93 Resp: 47564
Ion Ratio Lower Upper
93 100
95 83.6 64.8 97.2
174 84.5 65.4 98.0





#47
Bromodichloromethane
Concen: 49.273 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

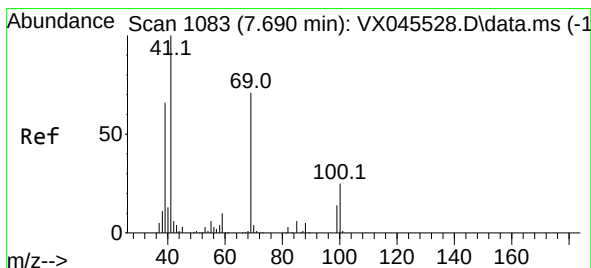
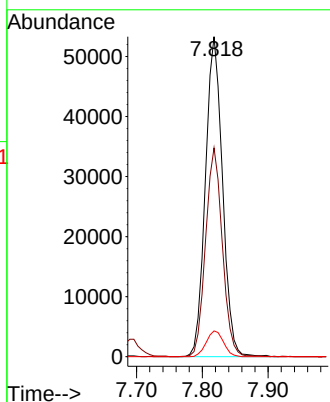
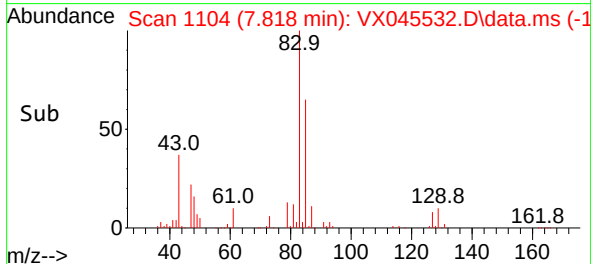
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 83 Resp: 96418
Ion Ratio Lower Upper
83 100
85 65.2 49.7 74.5
127 8.1 6.1 9.1

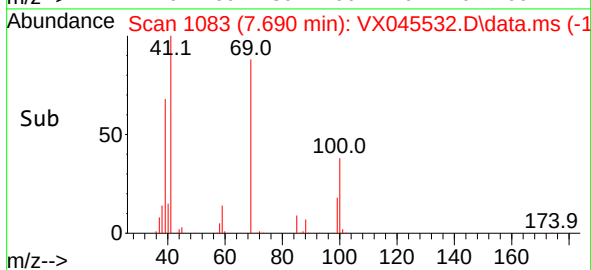
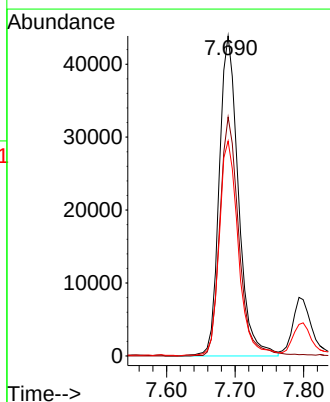
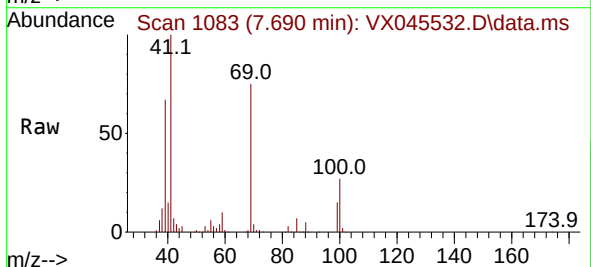
Manual Integrations
APPROVED

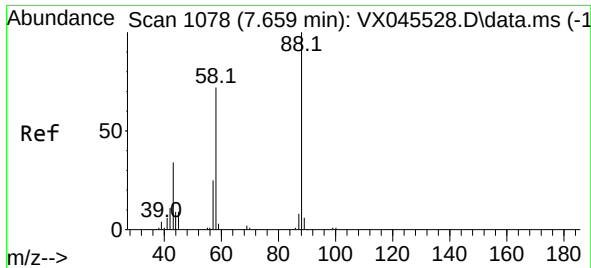
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#48
Methyl methacrylate
Concen: 51.507 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

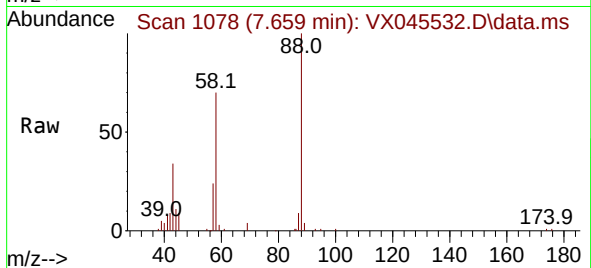
Tgt Ion: 41 Resp: 85084
Ion Ratio Lower Upper
41 100
69 74.5 58.2 87.2
39 67.3 53.6 80.4





#49
1,4-Dioxane
Concen: 955.327 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

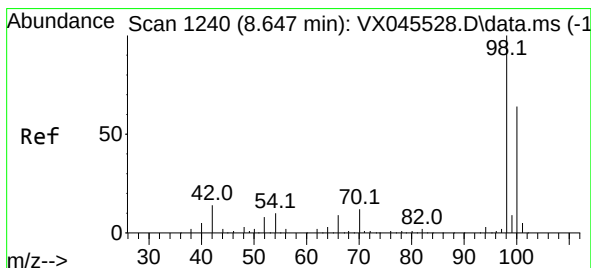
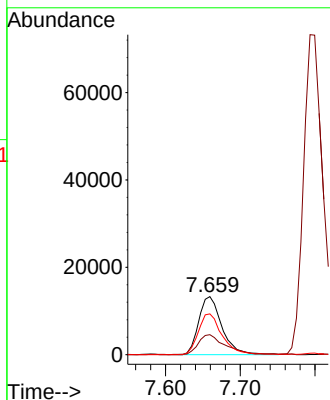
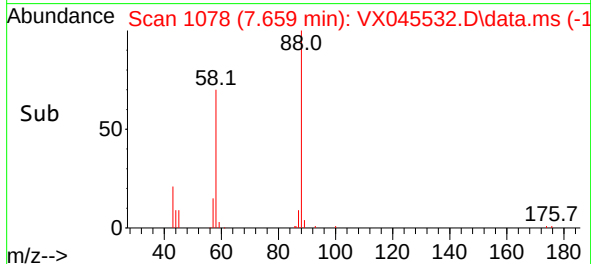
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 88 Resp: 28552
Ion Ratio Lower Upper
88 100
43 40.3 32.2 48.4
58 72.2 58.6 88.0

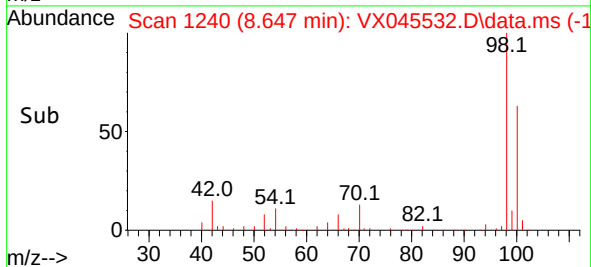
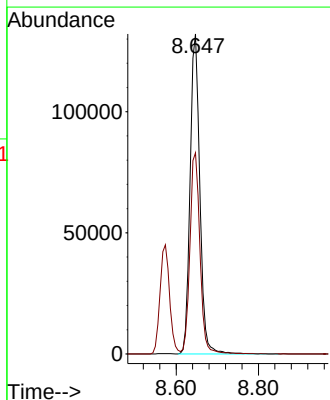
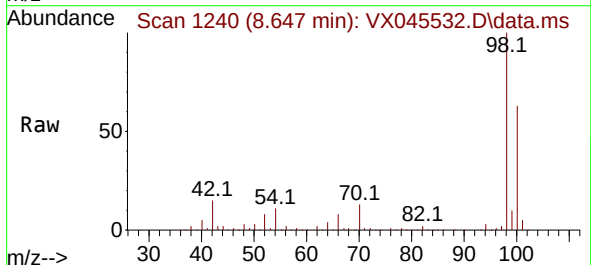
Manual Integrations
APPROVED

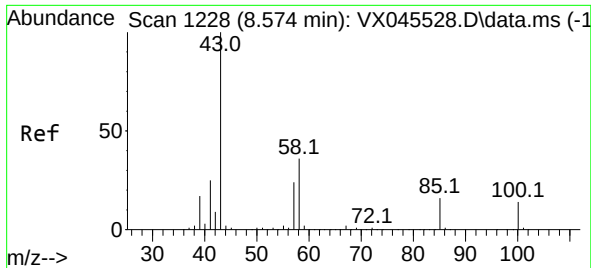
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#50
Toluene-d8
Concen: 50.160 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 98 Resp: 217200
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4





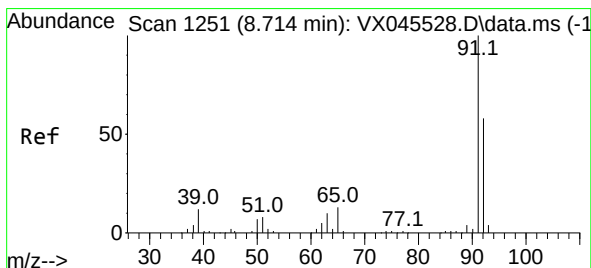
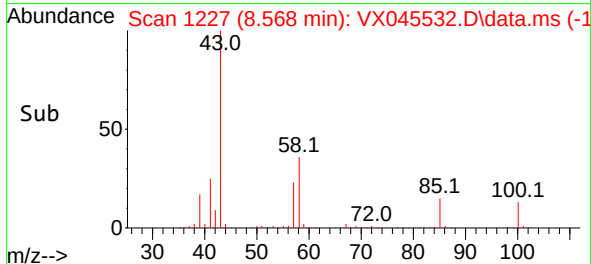
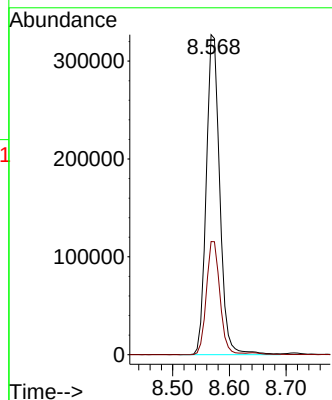
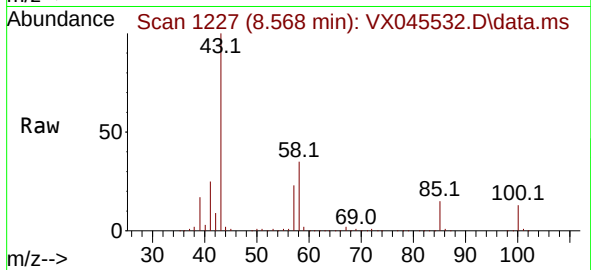
#51
4-Methyl-2-Pentanone
Concen: 254.994 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument : MSVOA_X
ClientSampleId : ICVVX040225

Tgt Ion: 43 Resp: 540822
Ion Ratio Lower Upper
43 100
58 35.5 28.5 42.7

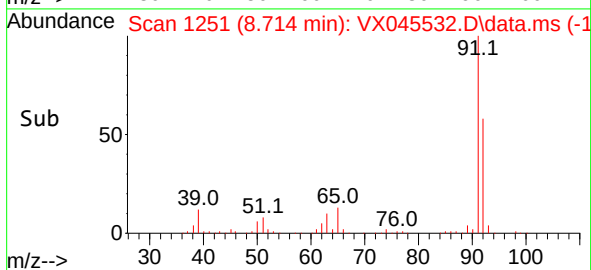
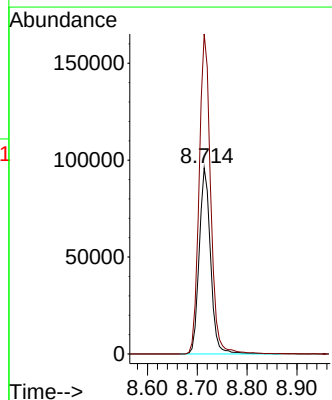
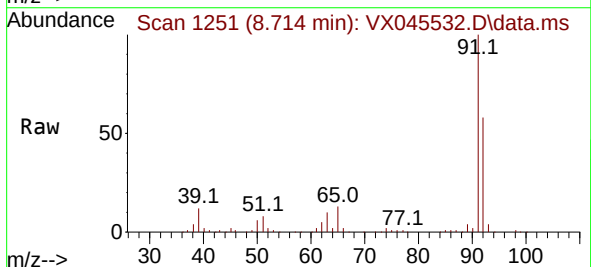
Manual Integrations
APPROVED

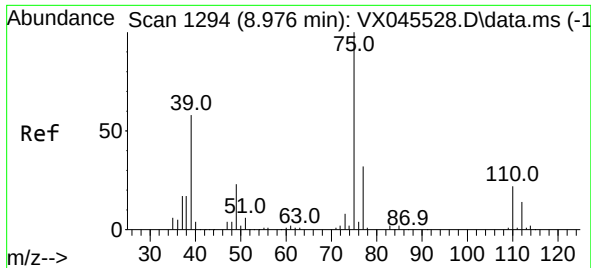
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 48.994 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

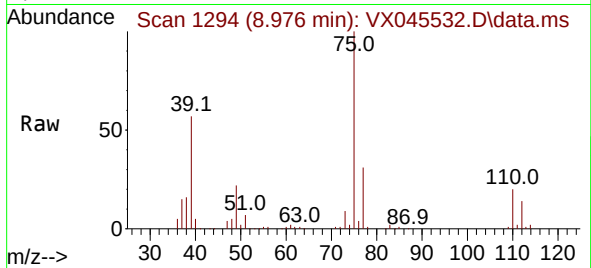
Tgt Ion: 92 Resp: 151664
Ion Ratio Lower Upper
92 100
91 174.0 138.7 208.1





#53
t-1,3-Dichloropropene
Concen: 46.783 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

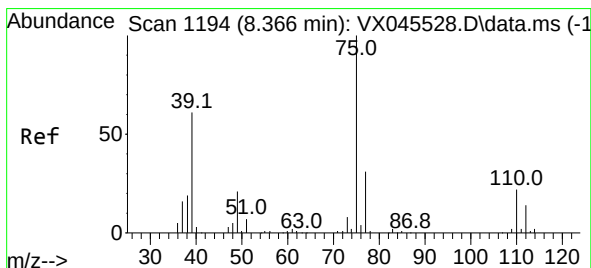
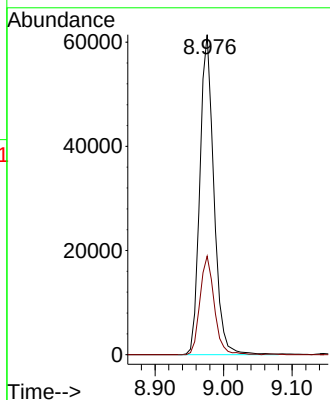
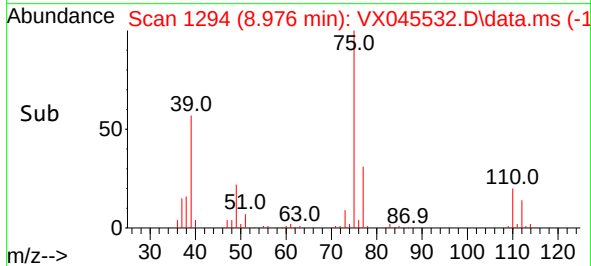
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



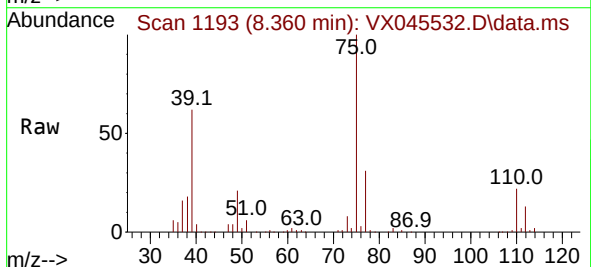
Tgt Ion: 75 Resp: 87744
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

Manual Integrations
APPROVED

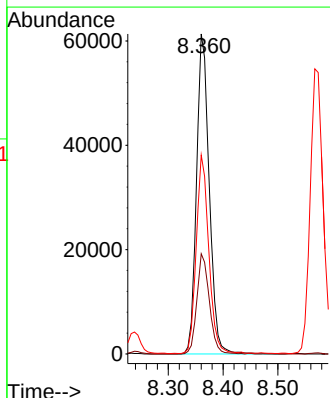
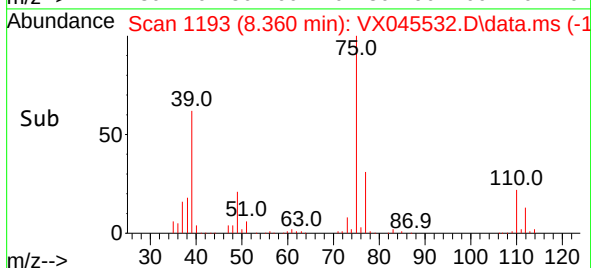
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

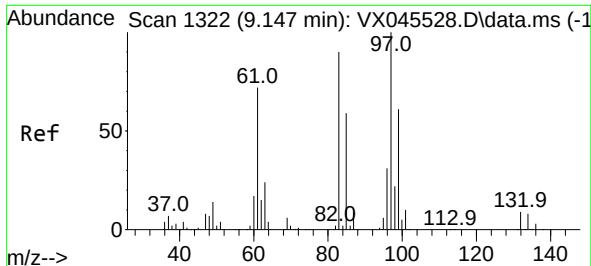


#54
cis-1,3-Dichloropropene
Concen: 53.878 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48



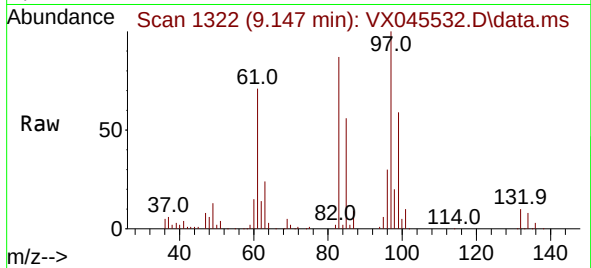
Tgt Ion: 75 Resp: 99074
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 62.0 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 49.007 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

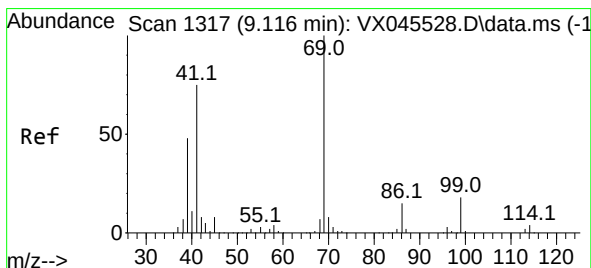
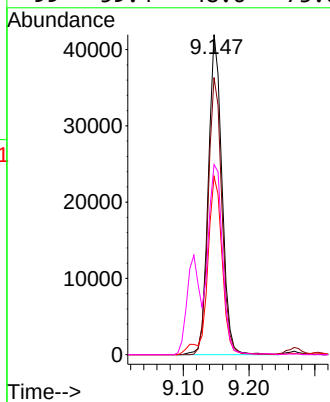
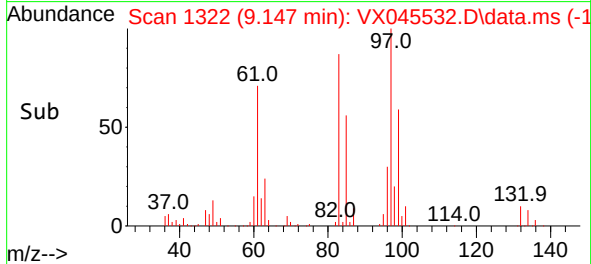
Instrument : MSVOA_X
ClientSampleId : ICVVX040225



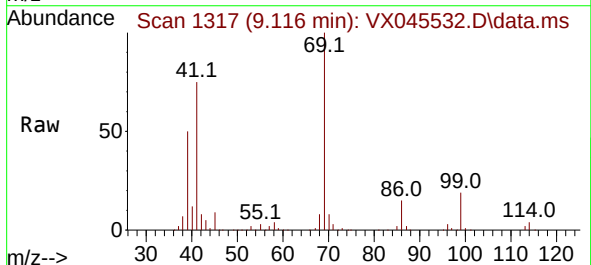
Tgt Ion: 97 Resp: 60452
Ion Ratio Lower Upper
97 100
83 86.6 71.8 107.8
85 55.7 47.0 70.6
99 59.4 48.6 73.0

Manual Integrations
APPROVED

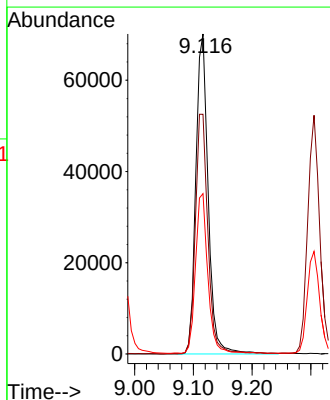
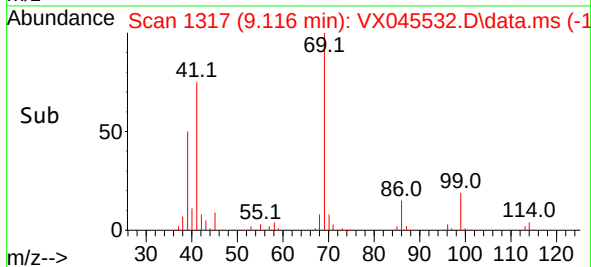
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

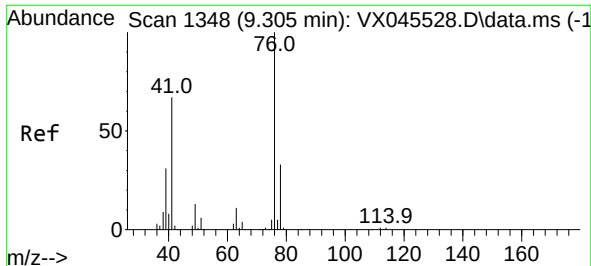


#56
Ethyl methacrylate
Concen: 53.705 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48



Tgt Ion: 69 Resp: 102525
Ion Ratio Lower Upper
69 100
41 76.7 61.3 91.9
39 50.7 40.2 60.2





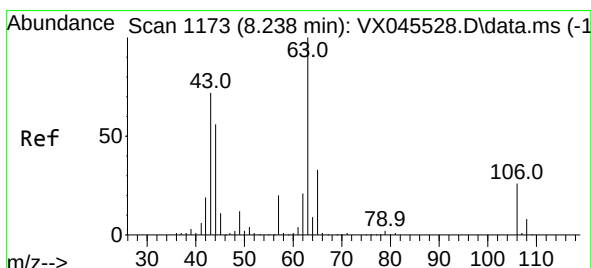
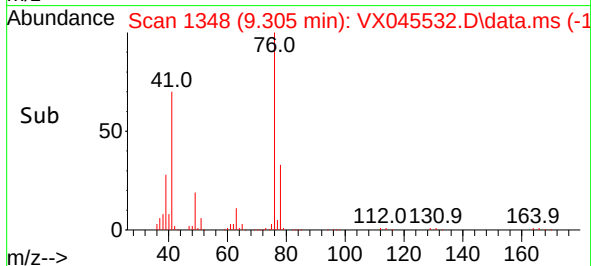
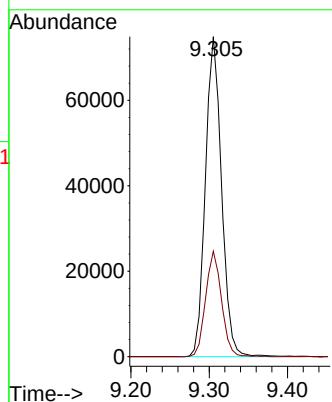
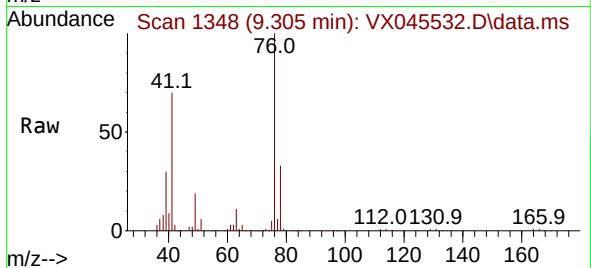
#57
1,3-Dichloropropane
Concen: 49.869 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion: 76 Resp: 10712
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

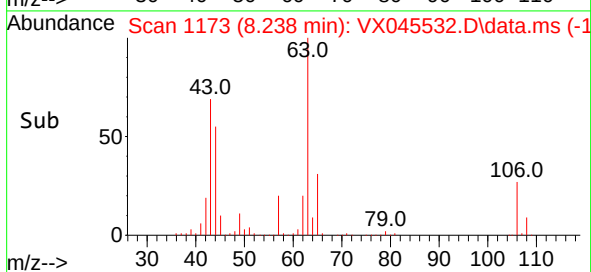
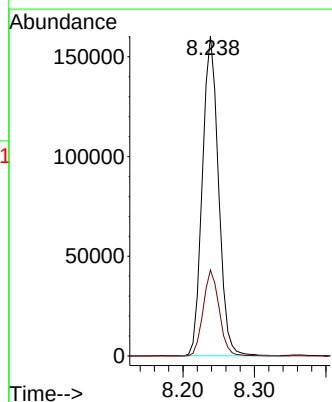
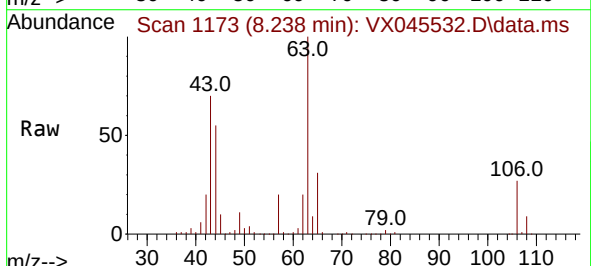
Manual Integrations
APPROVED

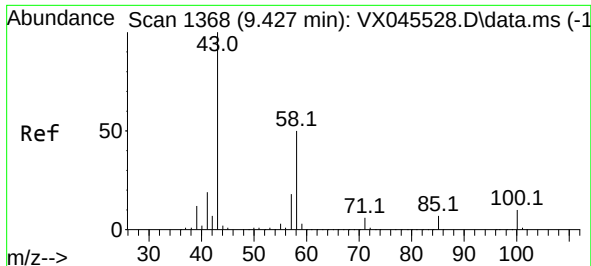
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#58
2-Chloroethyl Vinyl ether
Concen: 260.201 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 63 Resp: 251285
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.6





#59

2-Hexanone

Concen: 251.710 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVXX040225

Tgt Ion: 43 Resp: 395330

Ion Ratio Lower Upper

43 100

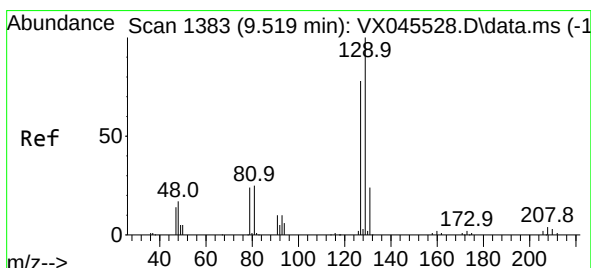
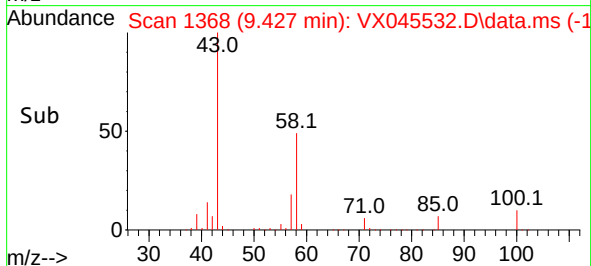
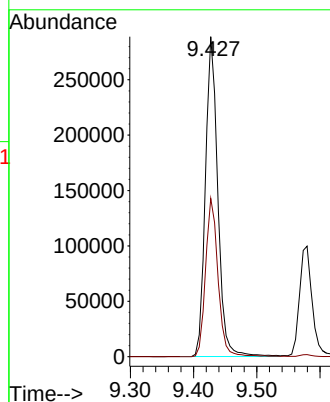
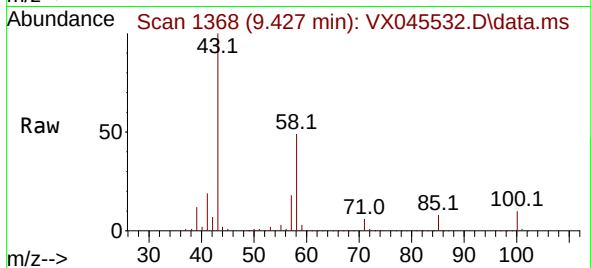
58 49.8 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#60

Dibromochloromethane

Concen: 50.983 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045532.D

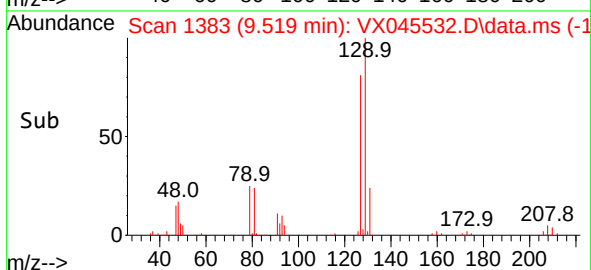
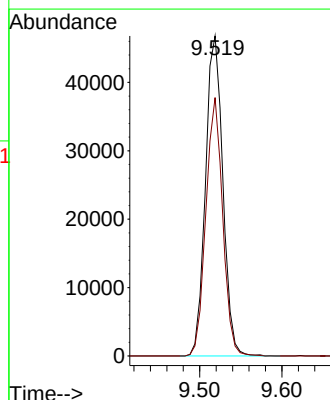
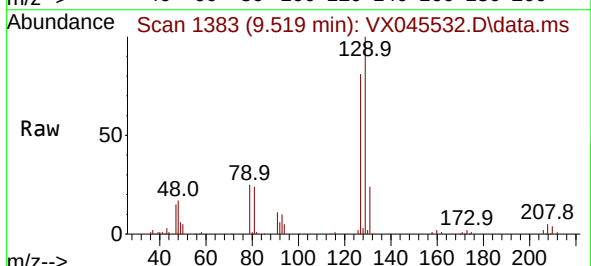
Acq: 01 Apr 2025 19:48

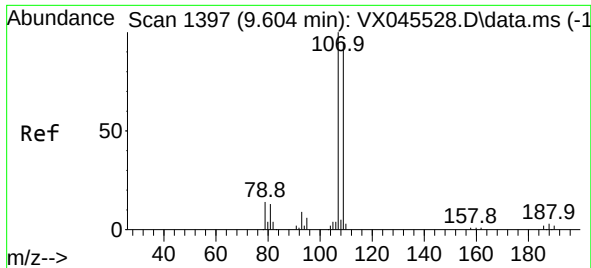
Tgt Ion:129 Resp: 68562

Ion Ratio Lower Upper

129 100

127 78.2 39.4 118.2





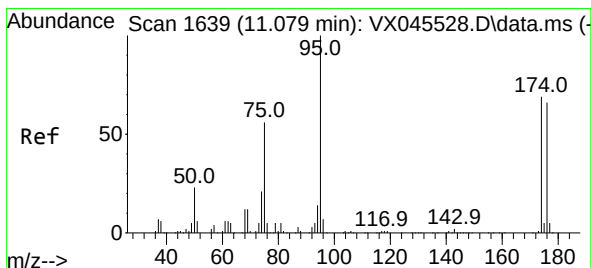
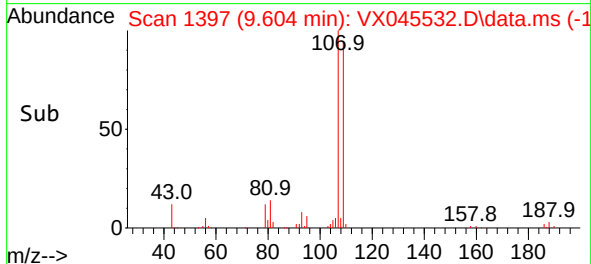
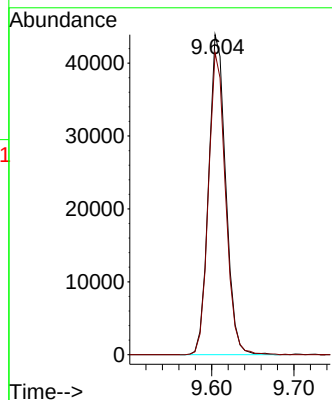
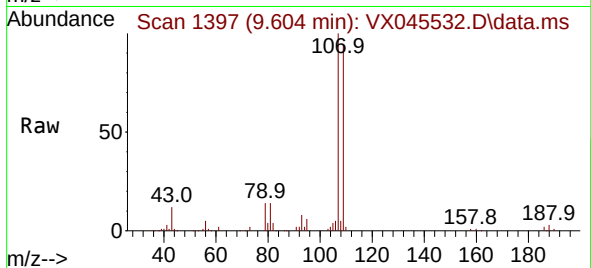
#61
1,2-Dibromoethane
Concen: 50.693 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion:107 Resp: 6330
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

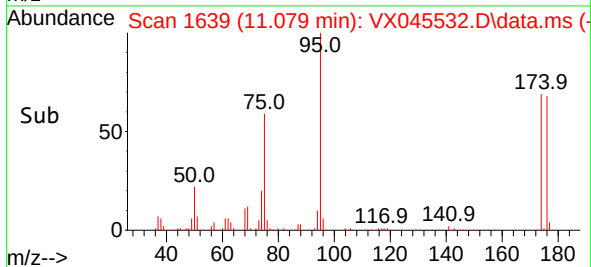
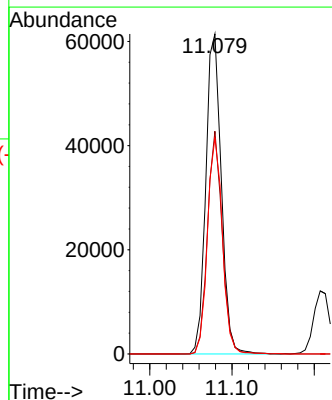
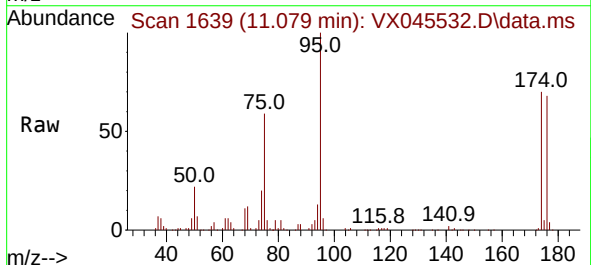
Manual Integrations
APPROVED

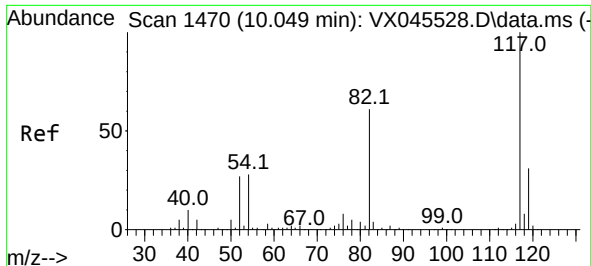
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#62
4-Bromofluorobenzene
Concen: 50.959 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

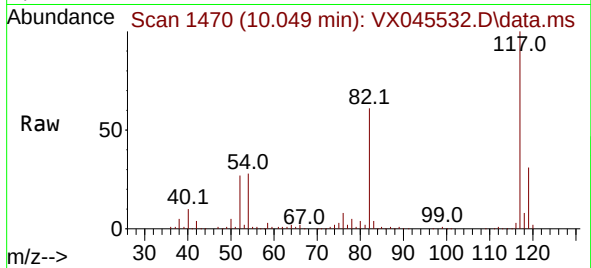
Tgt Ion: 95 Resp: 80376
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 65.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

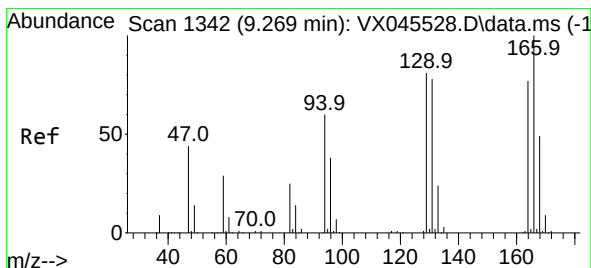
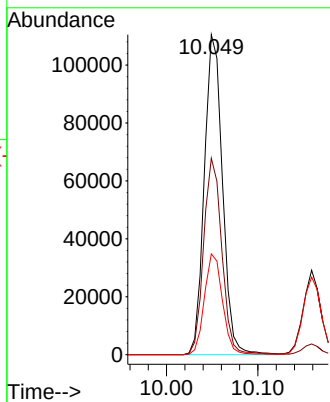
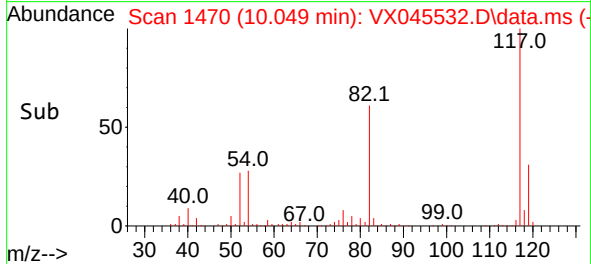
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:117 Resp: 15241
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 31.5 25.1 37.7

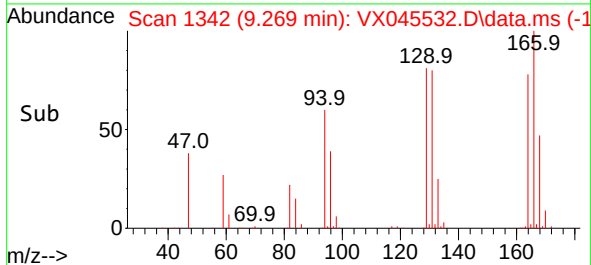
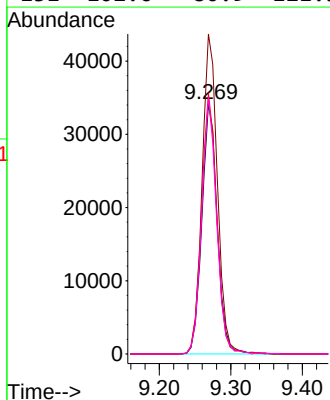
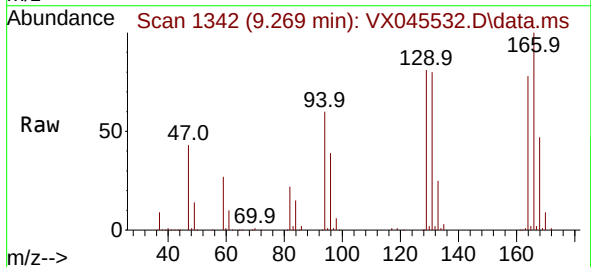
Manual Integrations
APPROVED

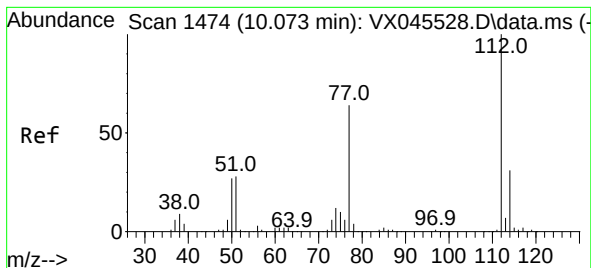
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#64
Tetrachloroethene
Concen: 47.239 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

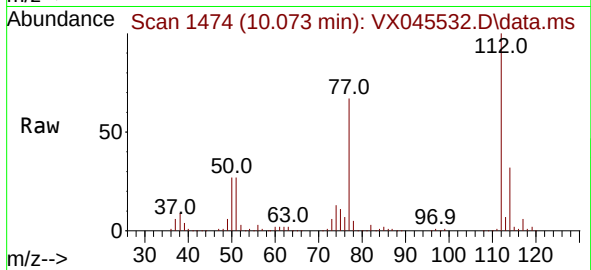
Tgt Ion:164 Resp: 50834
Ion Ratio Lower Upper
164 100
166 128.0 103.8 155.8
129 104.3 84.3 126.5
131 102.6 80.9 121.3





#65
Chlorobenzene
Concen: 50.207 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

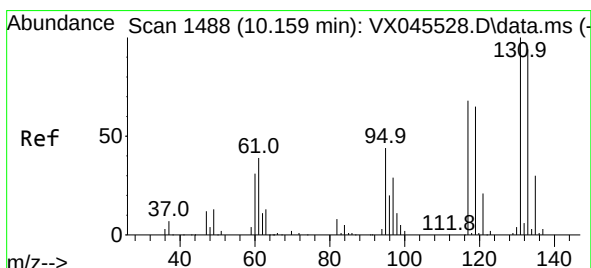
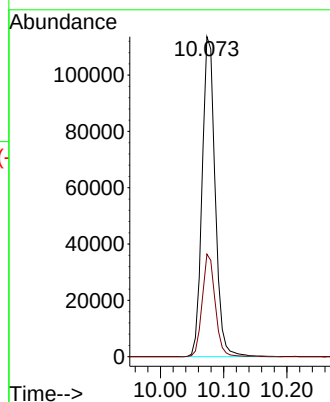
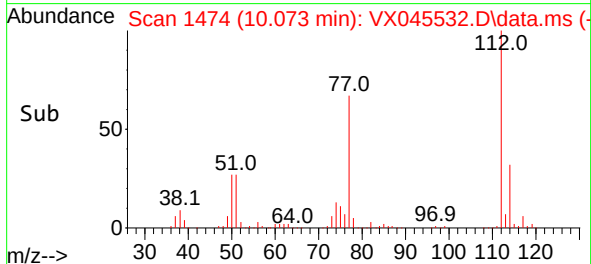
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



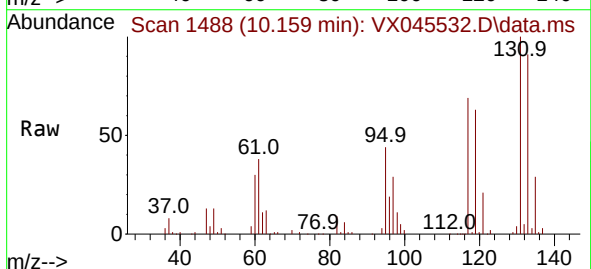
Tgt Ion:112 Resp: 163518
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1

Manual Integrations
APPROVED

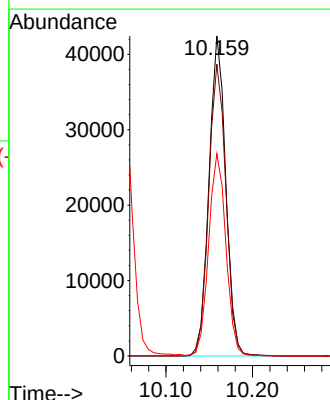
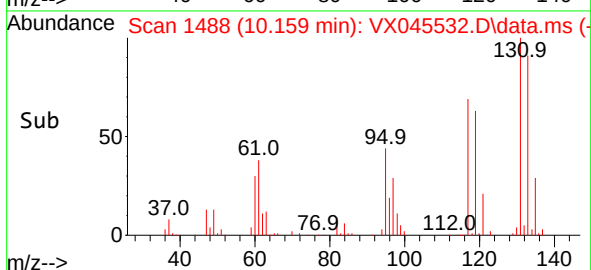
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

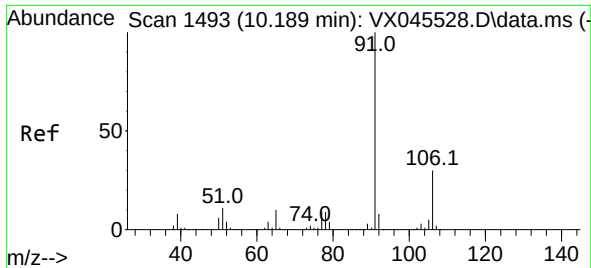


#66
1,1,1,2-Tetrachloroethane
Concen: 50.495 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48



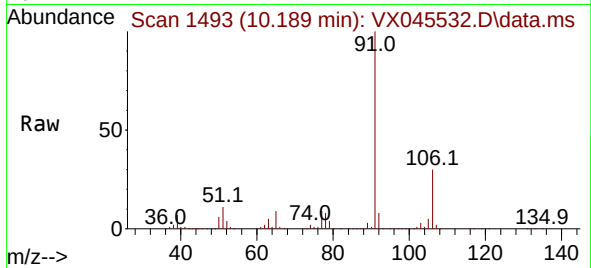
Tgt Ion:131 Resp: 57096
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.5
119 65.0 32.9 98.6





#67
Ethyl Benzene
Concen: 51.558 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

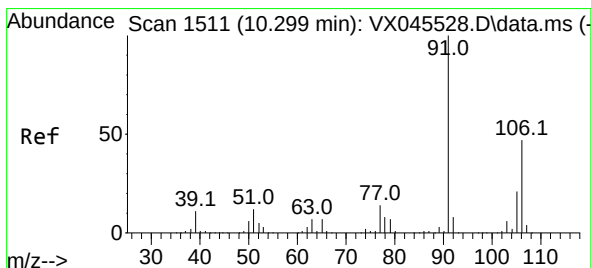
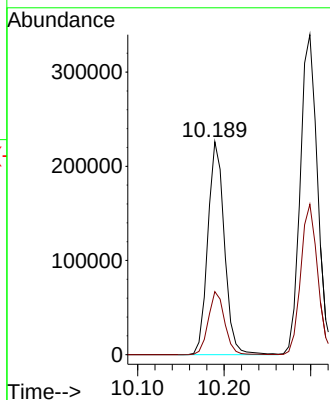
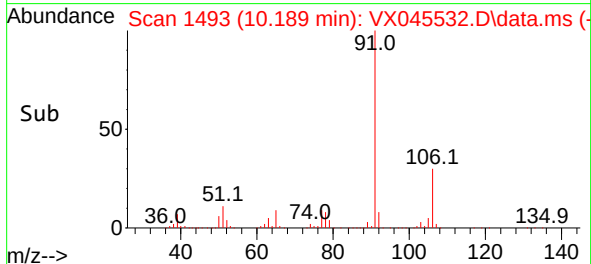
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



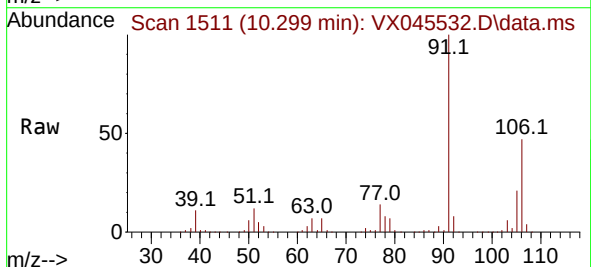
Tgt Ion: 91 Resp: 30074
Ion Ratio Lower Upper
91 100
106 29.6 23.7 35.5

Manual Integrations
APPROVED

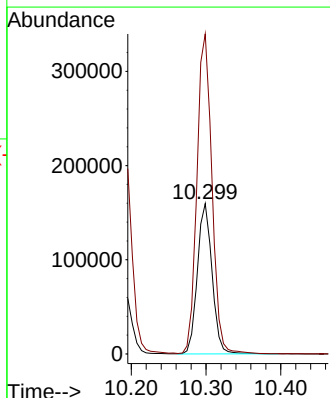
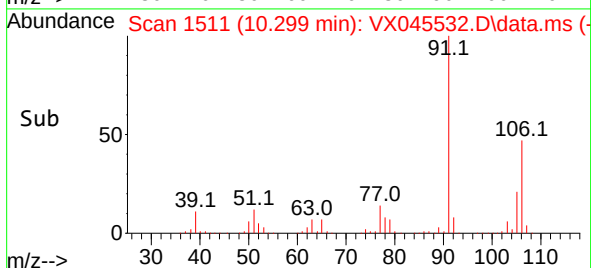
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

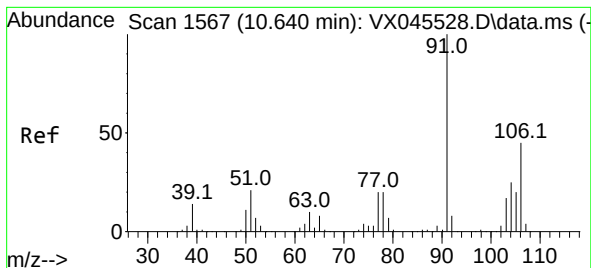


#68
m/p-Xylenes
Concen: 102.728 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48



Tgt Ion:106 Resp: 217943
Ion Ratio Lower Upper
106 100
91 217.6 172.6 258.8





#69

o-Xylene

Concen: 51.650 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

Tgt Ion:106 Resp: 10794

Ion Ratio Lower Upper

106 100

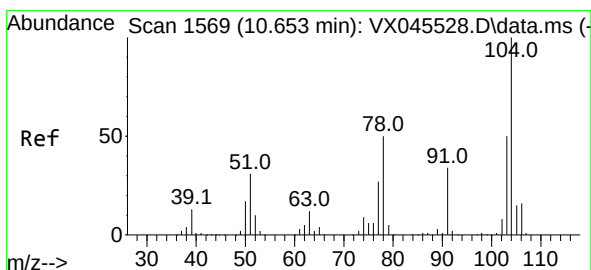
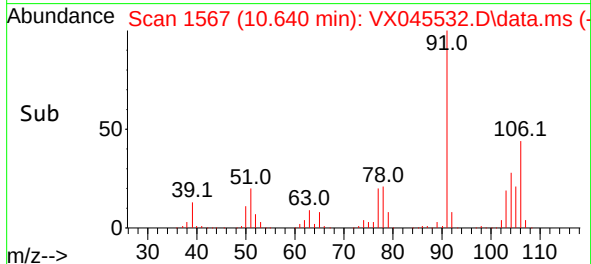
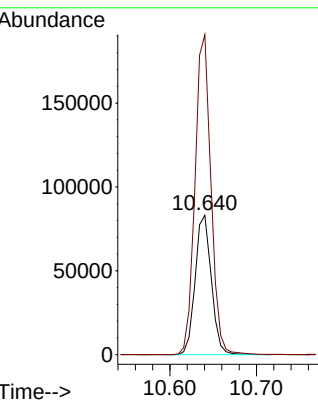
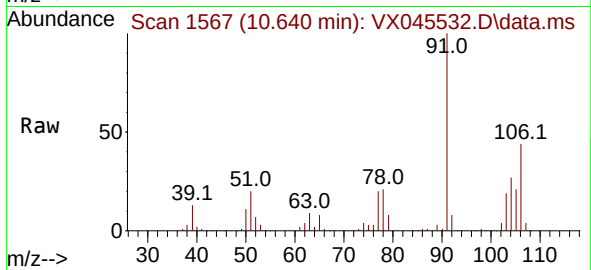
91 226.8 113.6 340.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#70

Styrene

Concen: 52.624 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

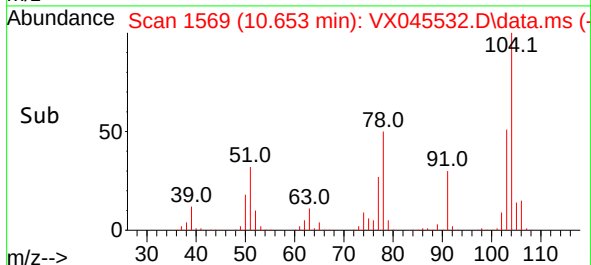
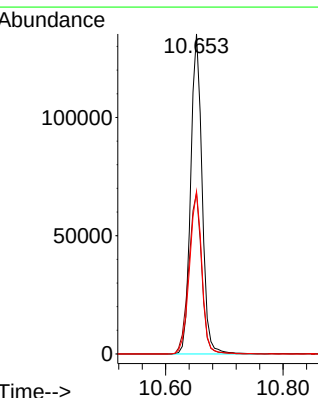
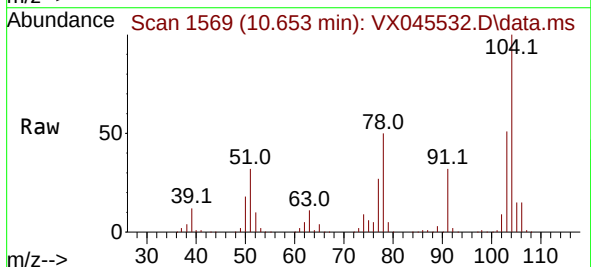
Tgt Ion:104 Resp: 181524

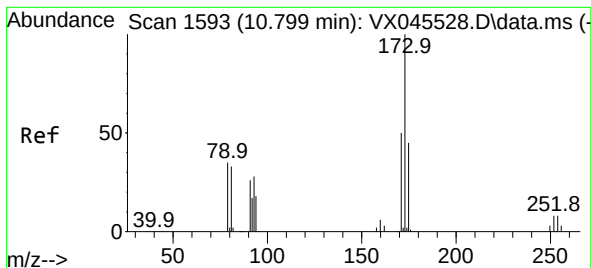
Ion Ratio Lower Upper

104 100

78 57.0 45.4 68.2

103 55.2 43.8 65.8





#71

Bromoform

Concen: 52.694 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

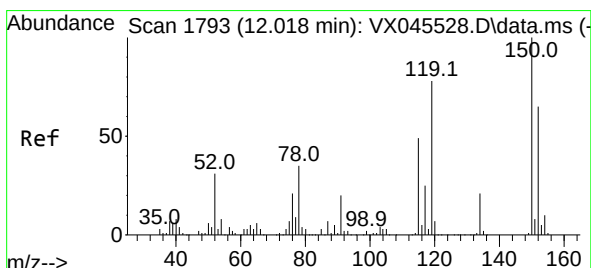
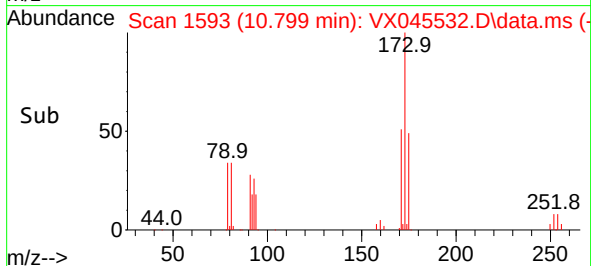
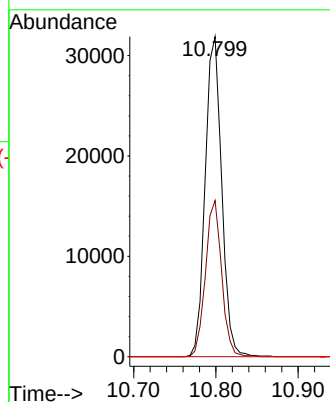
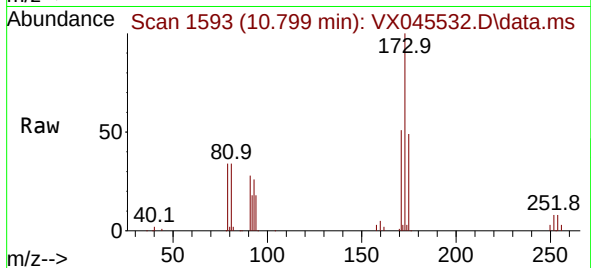
Tgt Ion:173 Resp: 44489
 Ion Ratio Lower Upper
 173 100
 175 47.8 23.4 70.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

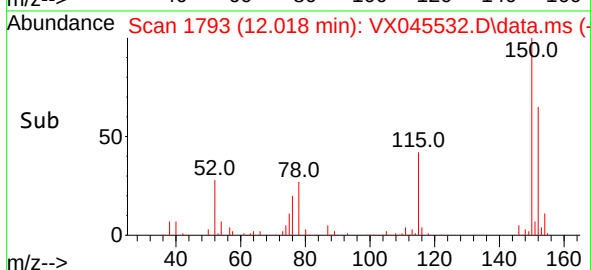
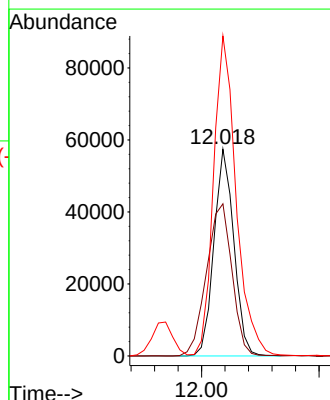
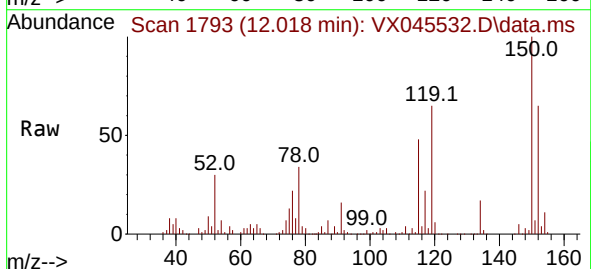
RT: 12.018 min Scan# 1793

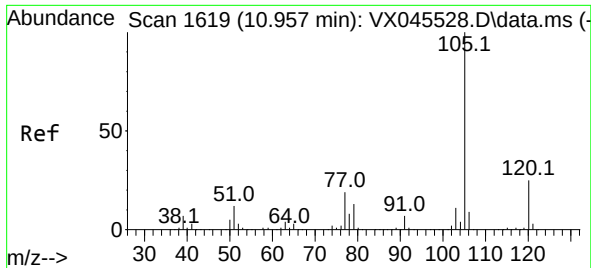
Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

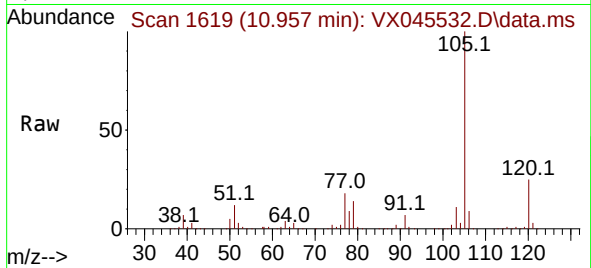
Tgt Ion:152 Resp: 67633
 Ion Ratio Lower Upper
 152 100
 115 94.2 46.9 140.7
 150 175.4 0.0 349.4





#73
Isopropylbenzene
Concen: 52.794 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

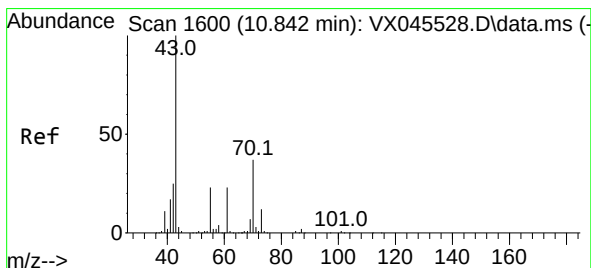
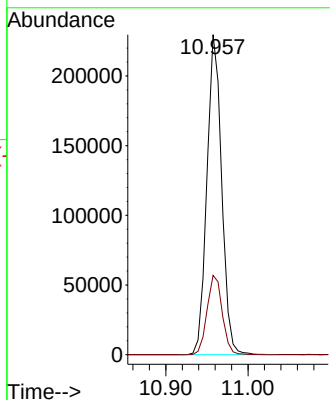
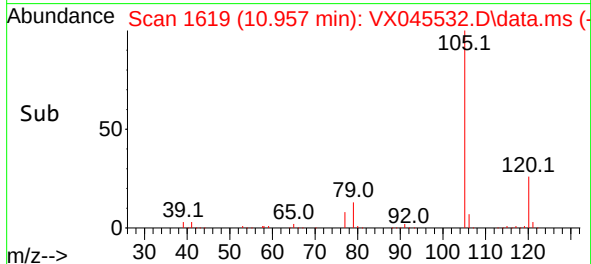
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:105 Resp: 286010
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

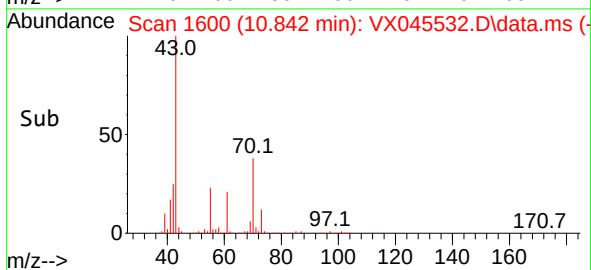
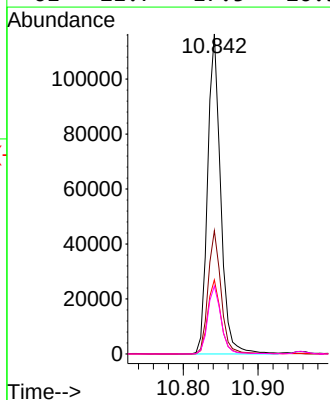
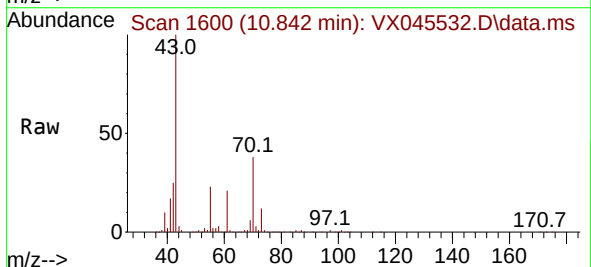
Manual Integrations
APPROVED

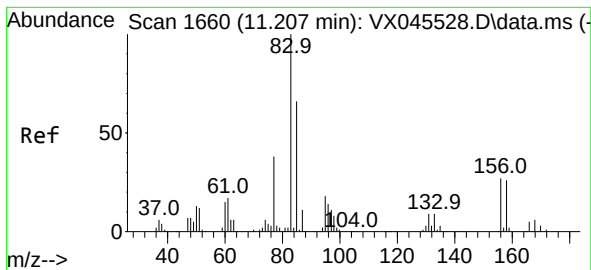
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#74
N-ethyl acetate
Concen: 54.387 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 43 Resp: 140941
Ion Ratio Lower Upper
43 100
70 38.2 30.1 45.1
55 23.3 18.3 27.5
61 21.7 17.5 26.3





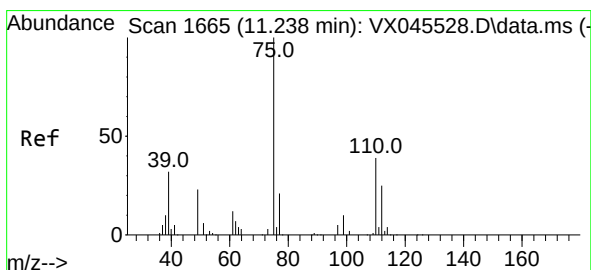
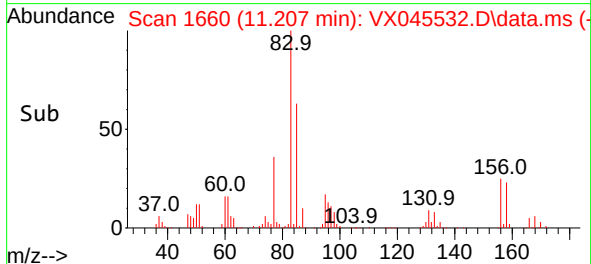
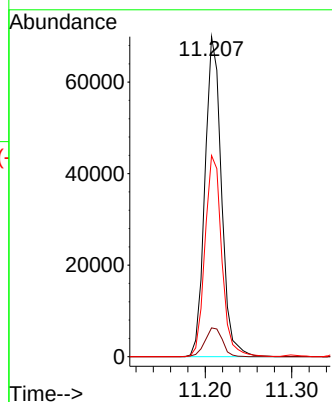
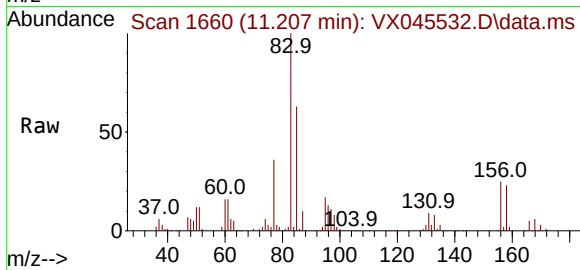
#75
1,1,2,2-Tetrachloroethane
Concen: 48.608 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion: 83 Resp: 9250
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 63.9 32.4 97.2

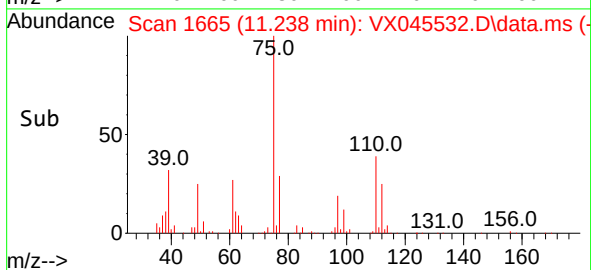
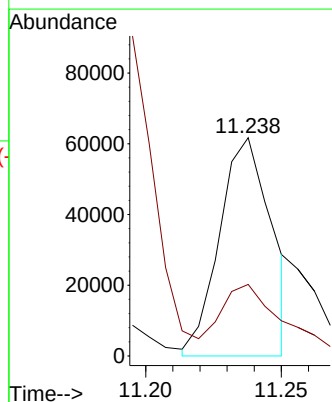
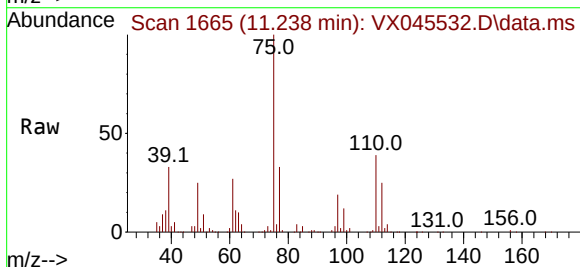
Manual Integrations
APPROVED

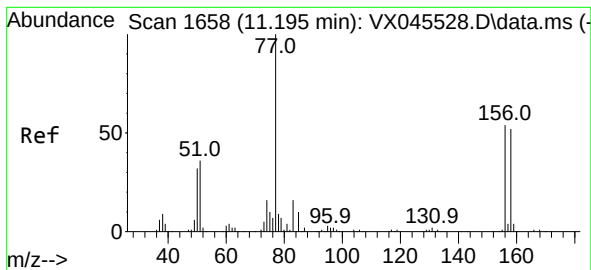
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#76
1,2,3-Trichloropropane
Concen: 49.741 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 75 Resp: 82060
Ion Ratio Lower Upper
75 100
77 40.0 20.0 59.9





#77

Bromobenzene

Concen: 50.525 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

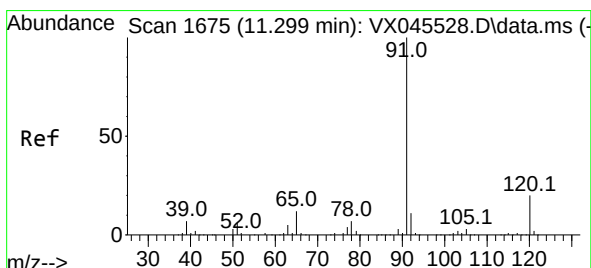
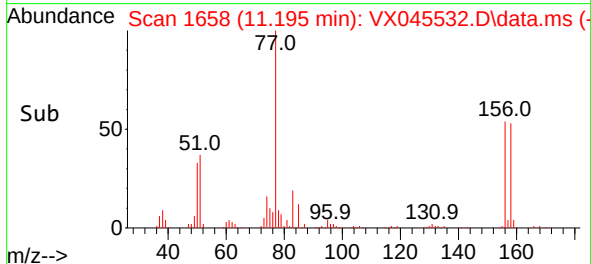
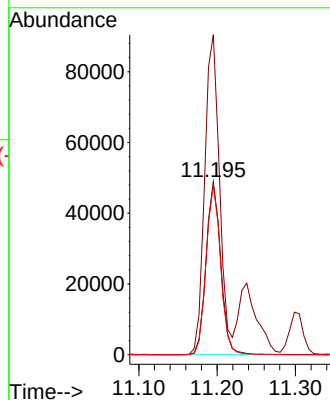
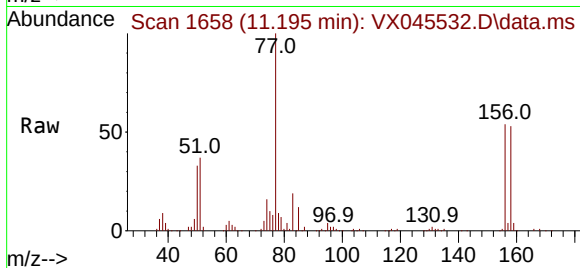
Tgt Ion:	156	Resp:	6324
Ion Ratio	Lower	Upper	
156	100		
77	188.0	92.6	277.8
158	97.5	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#78

n-propylbenzene

Concen: 53.967 ug/l

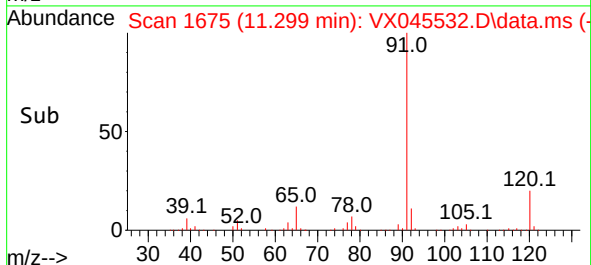
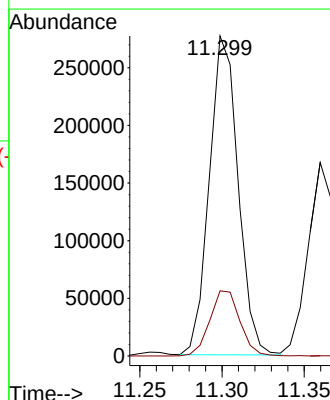
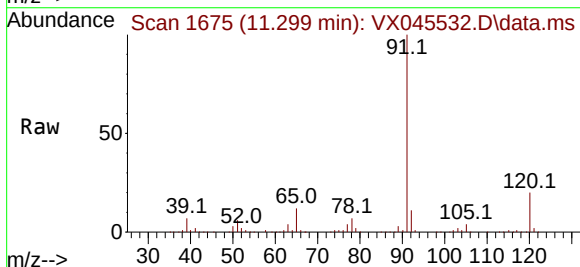
RT: 11.299 min Scan# 1675

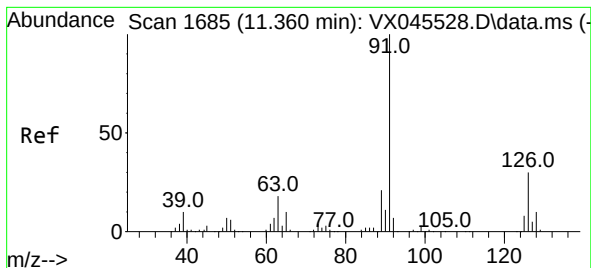
Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Tgt Ion:	91	Resp:	336753
Ion Ratio	Lower	Upper	
91	100		
120	21.4	10.8	32.3





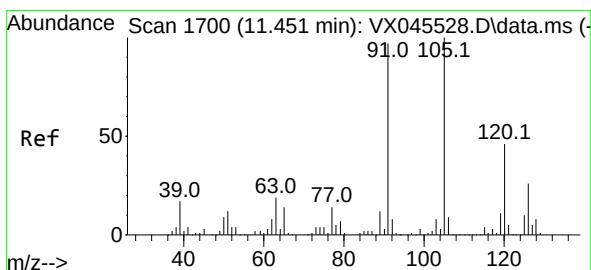
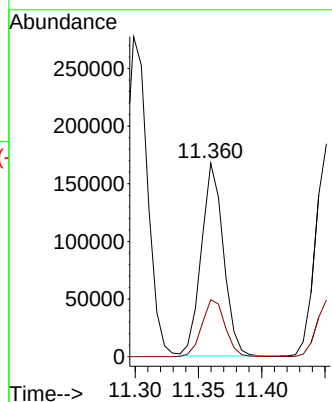
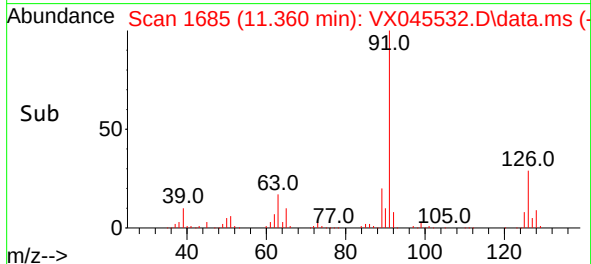
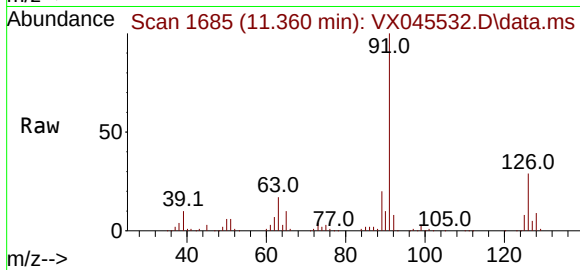
#79
2-Chlorotoluene
Concen: 51.057 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion: 91 Resp: 20367
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4

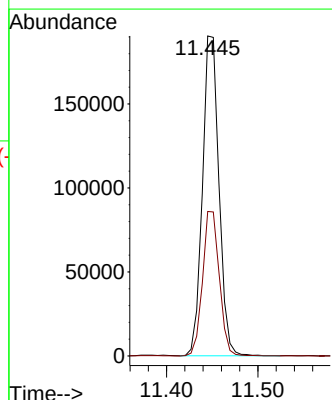
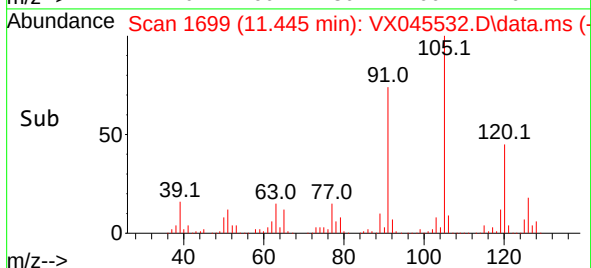
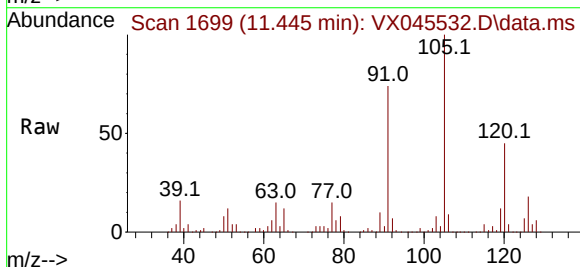
Manual Integrations
APPROVED

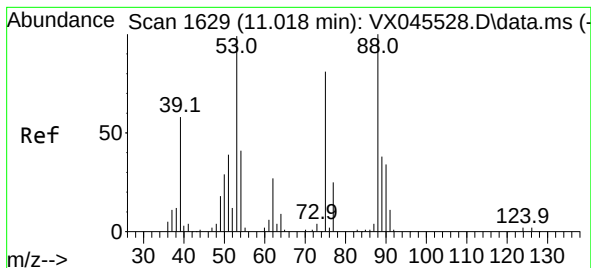
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.534 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

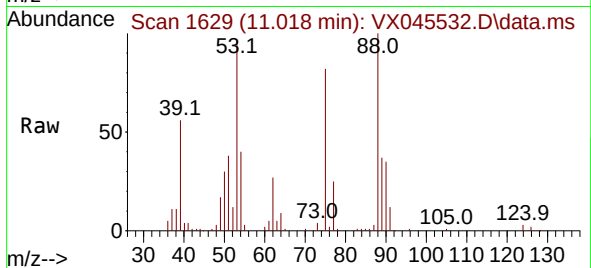
Tgt Ion:105 Resp: 239822
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.482 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

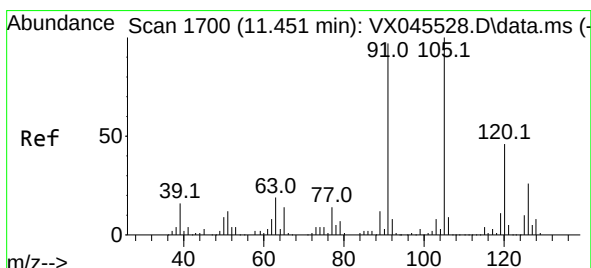
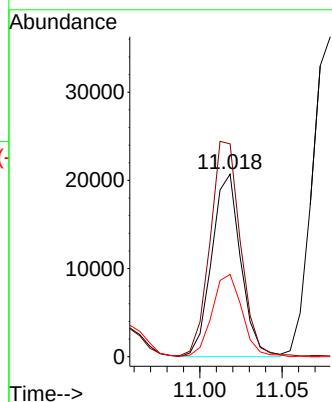
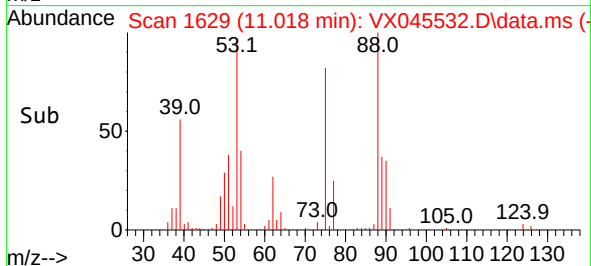
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 75 Resp: 2551
Ion Ratio Lower Upper
75 100
53 124.4 101.8 152.6
89 46.4 37.2 55.8

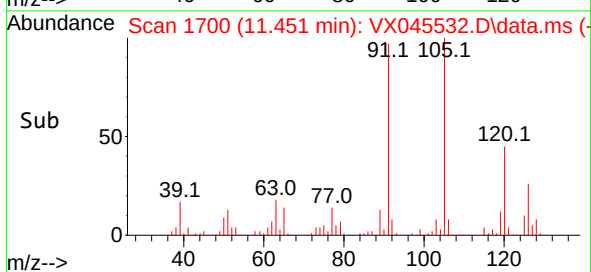
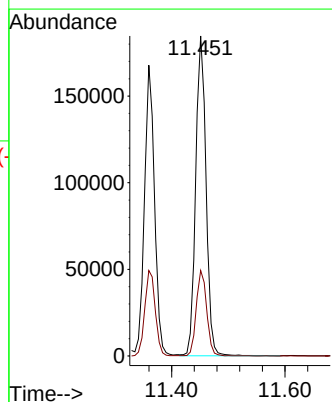
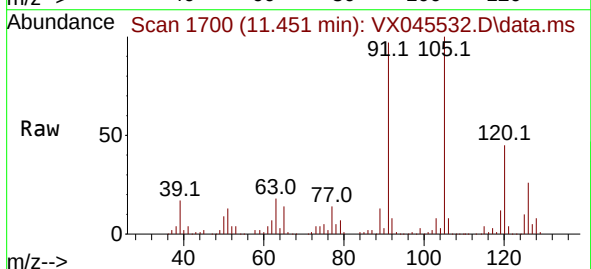
Manual Integrations
APPROVED

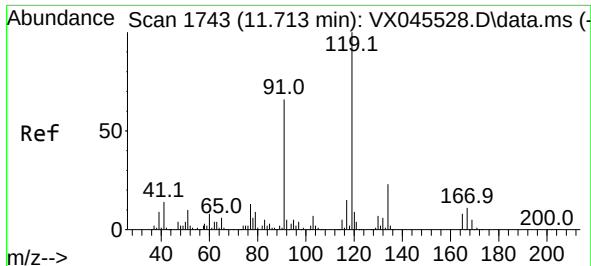
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#82
4-Chlorotoluene
Concen: 52.422 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

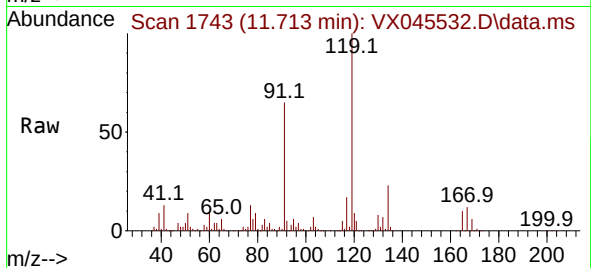
Tgt Ion: 91 Resp: 233159
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.9





#83
tert-Butylbenzene
Concen: 53.274 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

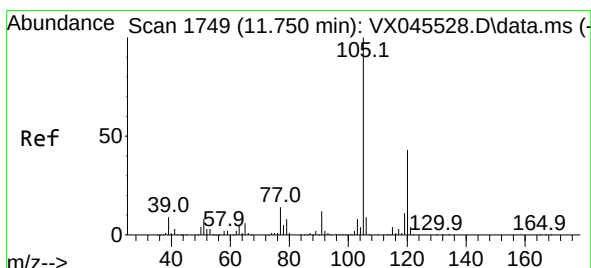
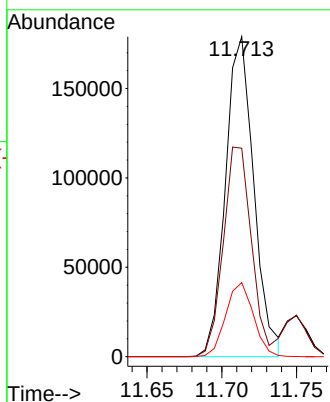
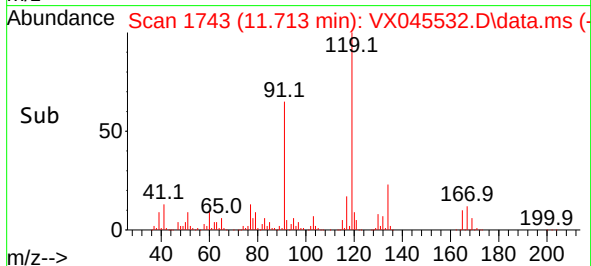
Instrument :
MSVOA_X
ClientSampleId :
ICVXX040225



Tgt Ion:119 Resp: 236270
Ion Ratio Lower Upper
119 100
91 64.8 32.4 97.2
134 22.6 11.5 34.5

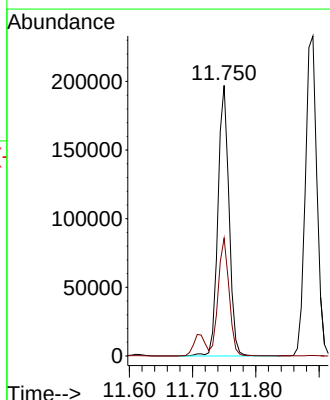
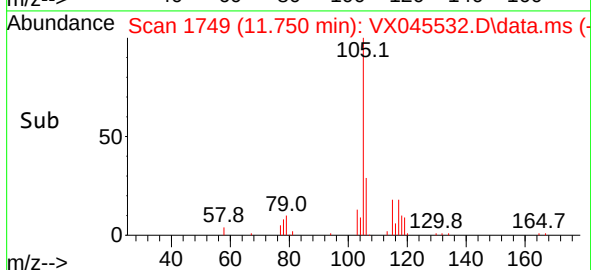
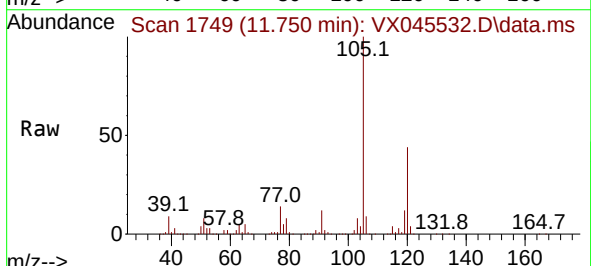
Manual Integrations
APPROVED

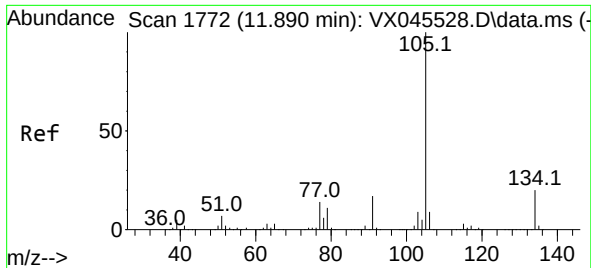
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 52.990 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:105 Resp: 238257
Ion Ratio Lower Upper
105 100
120 42.8 21.4 64.3





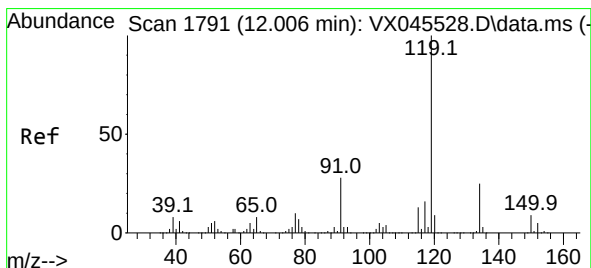
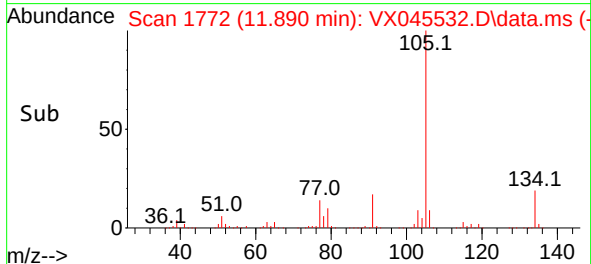
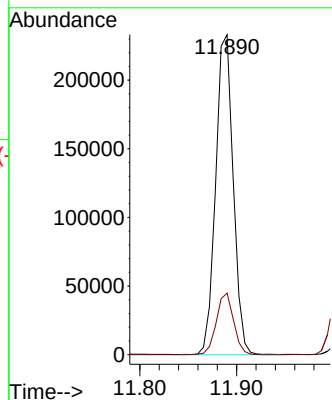
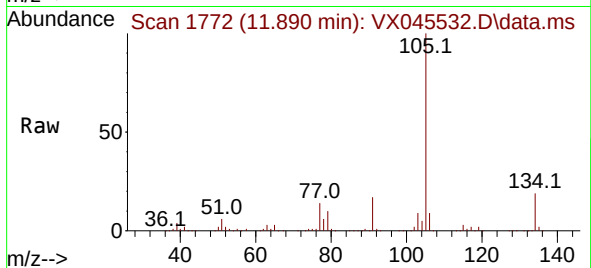
#85
 sec-Butylbenzene
 Concen: 53.903 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045532.D
 Acq: 01 Apr 2025 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Tgt Ion:105 Resp: 293631
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6

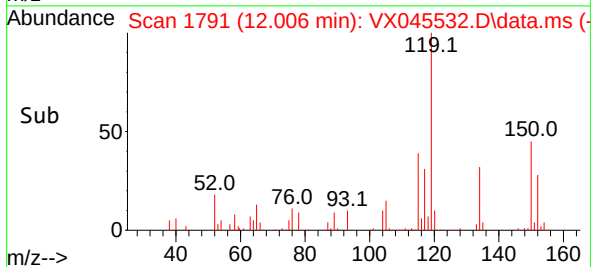
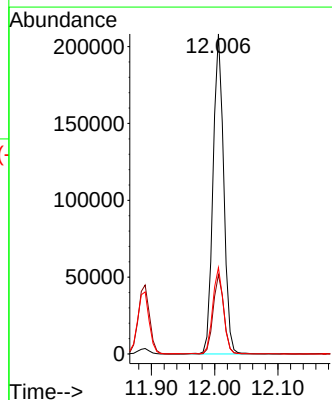
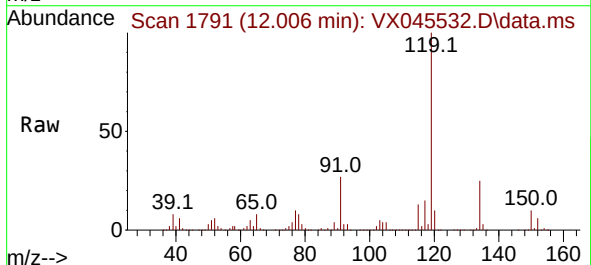
Manual Integrations
 APPROVED

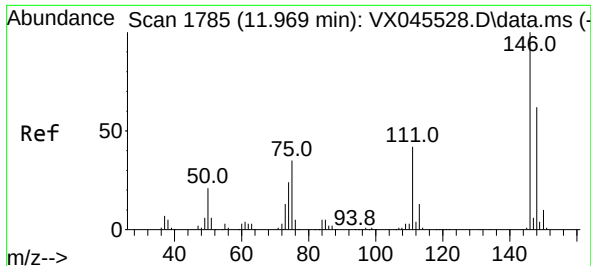
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025



#86
 p-Isopropyltoluene
 Concen: 54.337 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045532.D
 Acq: 01 Apr 2025 19:48

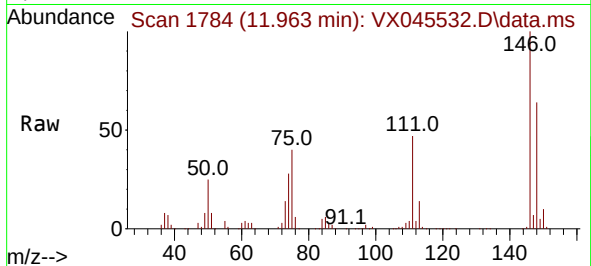
Tgt Ion:119 Resp: 244031
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 27.0 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 50.521 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

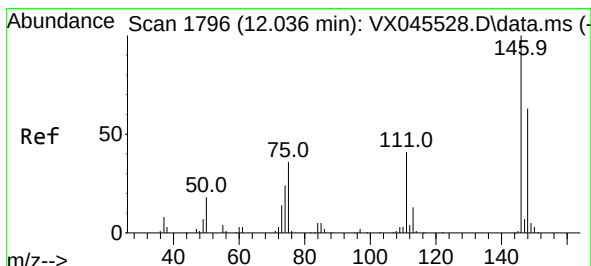
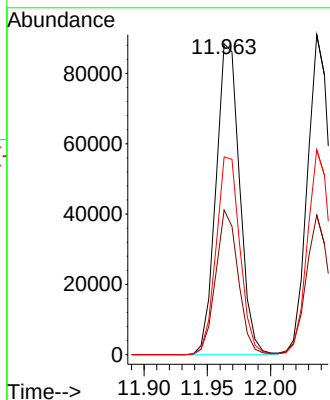
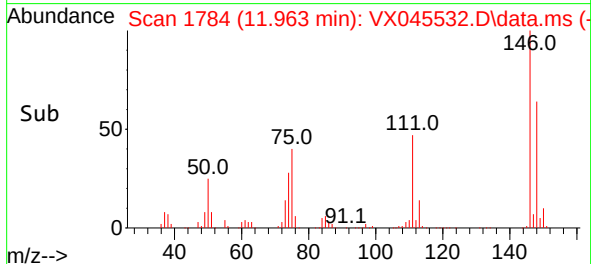
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



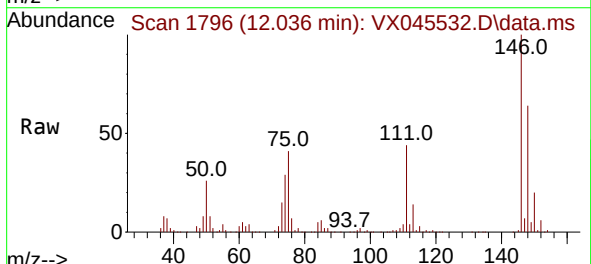
Tgt Ion:146 Resp: 11511
Ion Ratio Lower Upper
146 100
111 44.3 22.2 66.6
148 63.9 31.9 95.7

Manual Integrations
APPROVED

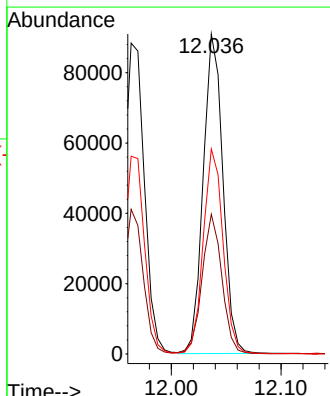
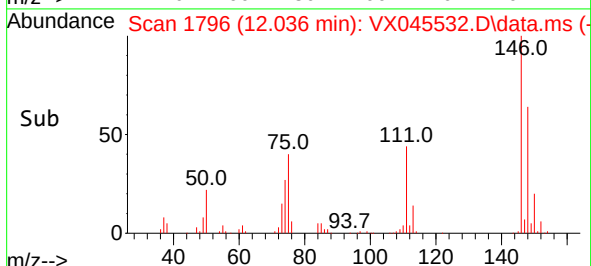
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

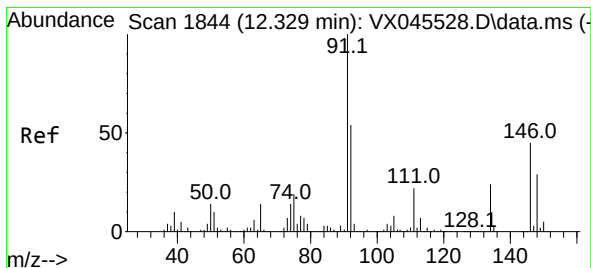


#88
1,4-Dichlorobenzene
Concen: 49.117 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48



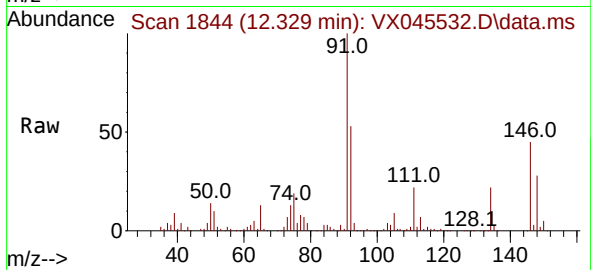
Tgt Ion:146 Resp: 113458
Ion Ratio Lower Upper
146 100
111 44.1 20.9 62.8
148 64.5 31.5 94.5





#89
n-Butylbenzene
Concen: 55.189 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

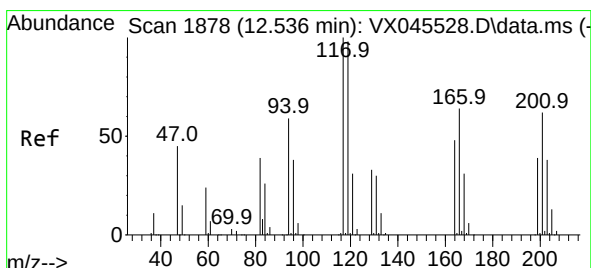
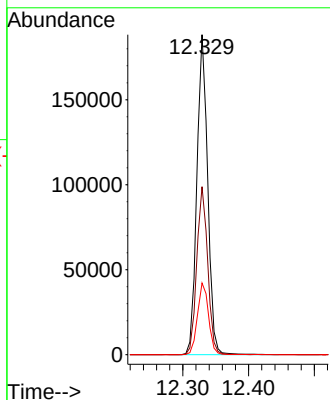
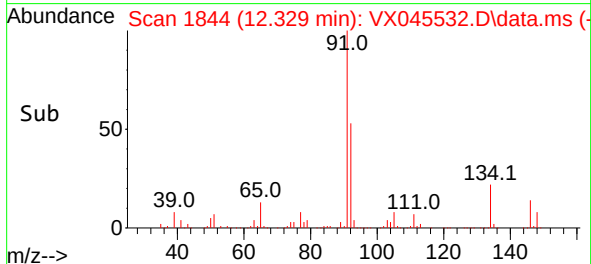
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 91 Resp: 21493
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.6
134 23.0 11.9 35.7

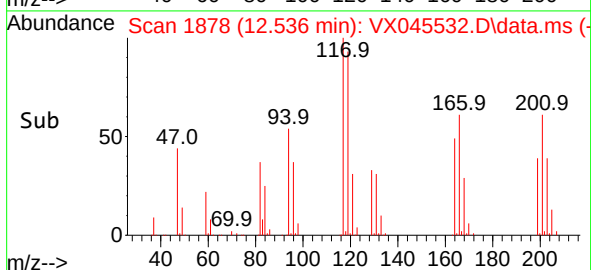
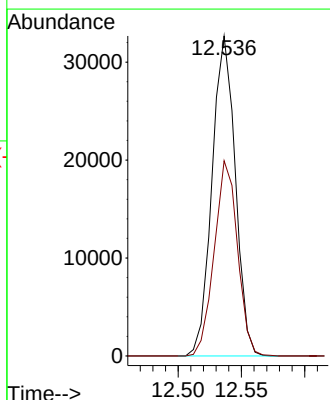
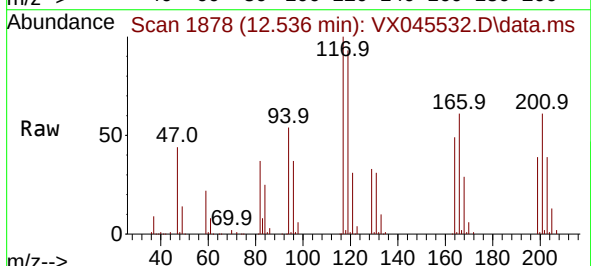
Manual Integrations
APPROVED

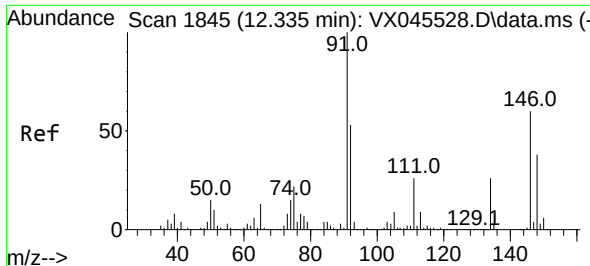
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#90
Hexachloroethane
Concen: 54.066 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

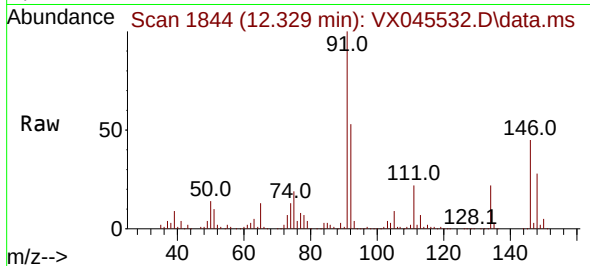
Tgt Ion:117 Resp: 41729
Ion Ratio Lower Upper
117 100
201 61.0 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 49.938 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

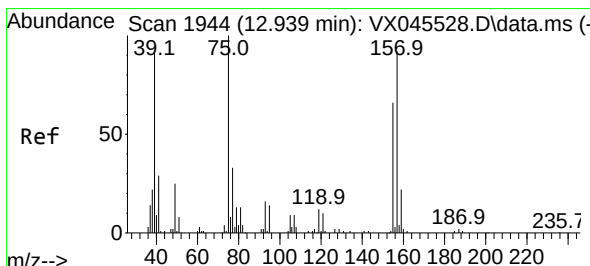
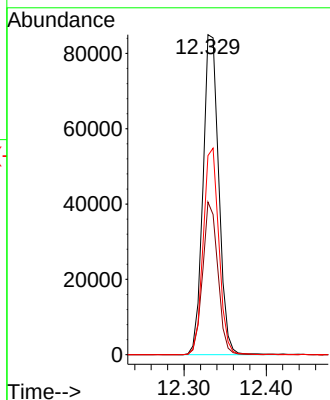
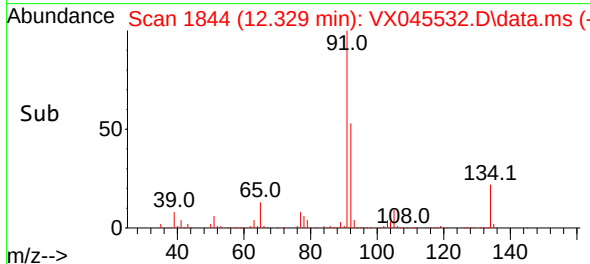
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



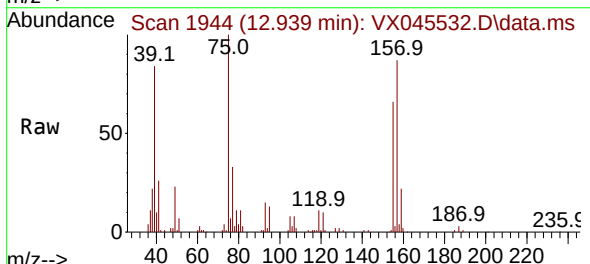
Tgt Ion:146 Resp: 113120
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.8
148 64.1 31.9 95.5

Manual Integrations
APPROVED

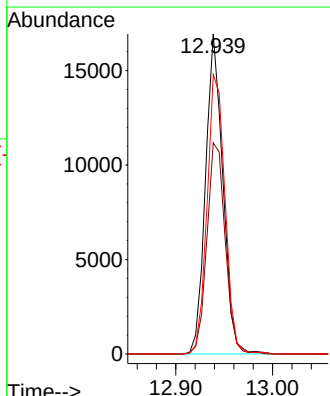
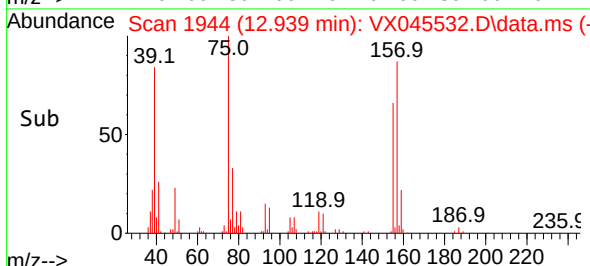
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

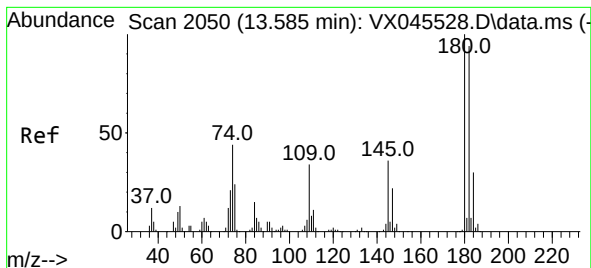


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.226 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48



Tgt Ion: 75 Resp: 21184
Ion Ratio Lower Upper
75 100
155 69.4 34.9 104.7
157 90.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.935 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

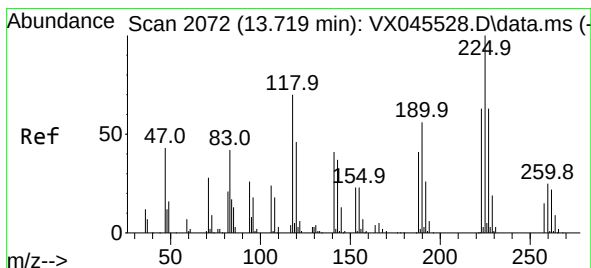
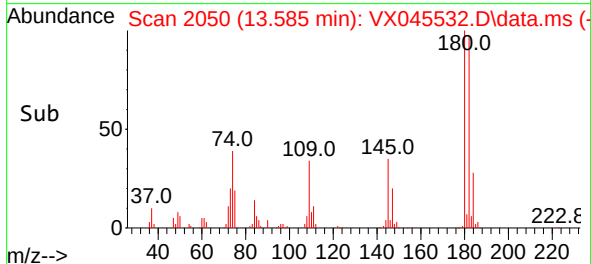
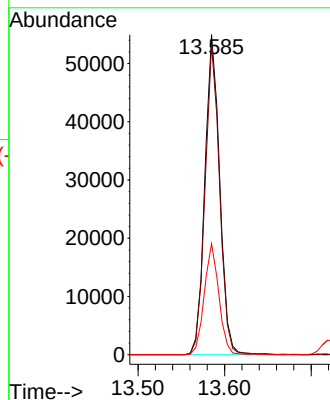
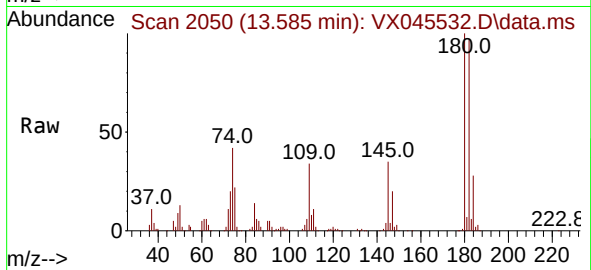
Tgt Ion:180	Resp:	6548
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.9 143.6
145	34.1	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#94

Hexachlorobutadiene

Concen: 49.961 ug/l

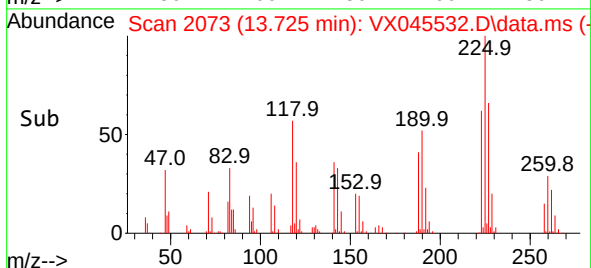
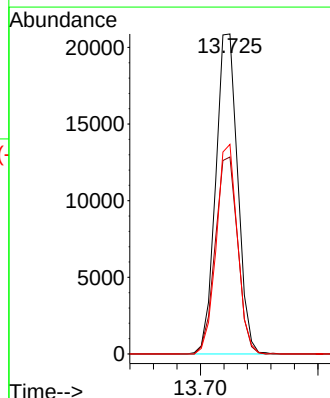
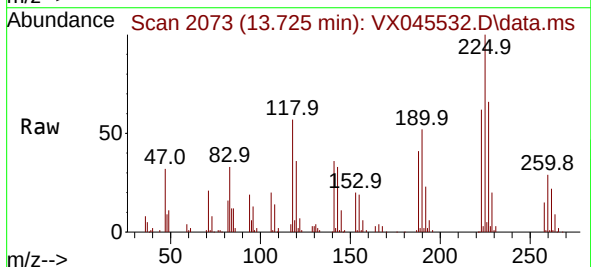
RT: 13.725 min Scan# 2073

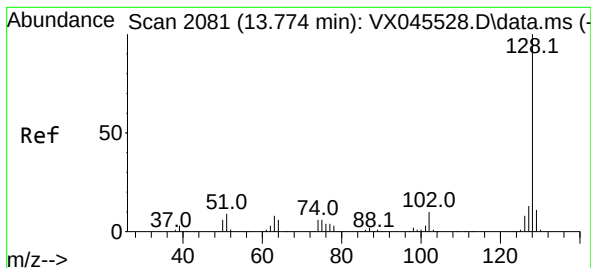
Delta R.T. 0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Tgt Ion:225	Resp:	27147
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.1 93.3
227	63.0	32.2 96.6





#95

Naphthalene

Concen: 52.765 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

Tgt Ion:128 Resp: 247600

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

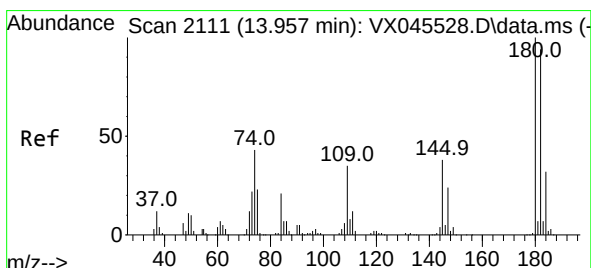
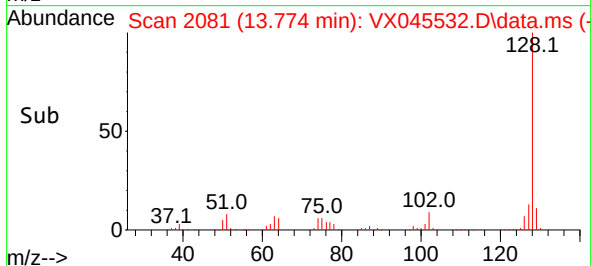
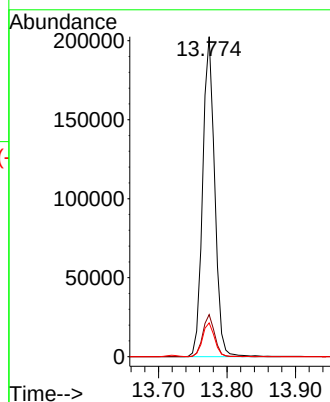
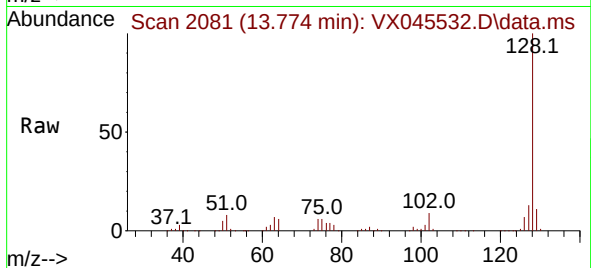
129 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 50.396 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

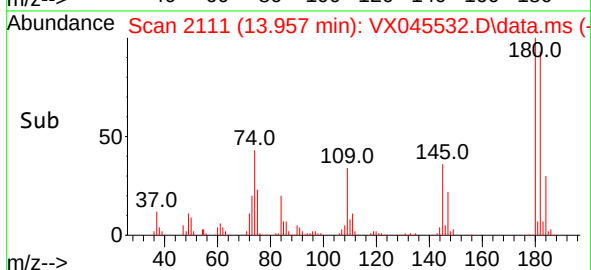
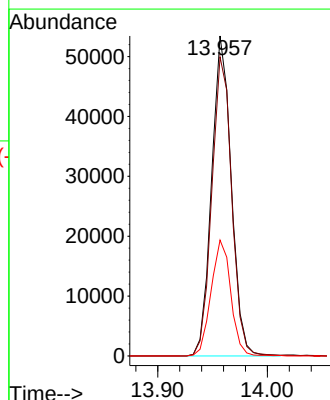
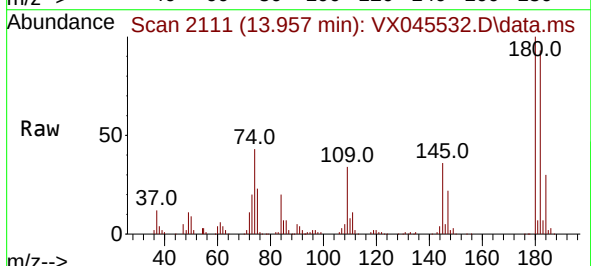
Tgt Ion:180 Resp: 66542

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 36.4 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	0.748	0.784	-4.8	97	0.00
3 P	Chloromethane	0.768	0.743	3.3	96	0.00
4 C	Vinyl Chloride	0.703	0.686	2.4#	97	0.00
5 T	Bromomethane	0.333	0.313	6.0	96	0.00
6 T	Chloroethane	0.373	0.385	-3.2	98	0.00
7 T	Trichlorofluoromethane	1.048	1.056	-0.8	99	0.00
8 T	Diethyl Ether	0.352	0.347	1.4	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.608	1.0	99	0.00
10 T	Methyl Iodide	0.766	0.745	2.7	95	0.00
11 T	Tert butyl alcohol	0.123	0.121	1.6	97	0.00
12 CM	1,1-Dichloroethene	0.600	0.597	0.5#	100	0.00
13 T	Acrolein	0.169	0.161	4.7	98	0.00
14 T	Allyl chloride	1.139	1.151	-1.1	100	0.00
15 T	Acrylonitrile	0.388	0.385	0.8	96	0.00
16 T	Acetone	0.375	0.363	3.2	98	0.00
17 T	Carbon Disulfide	1.483	1.544	-4.1	101	0.00
18 T	Methyl Acetate	0.864	0.843	2.4	100	0.00
19 T	Methyl tert-butyl Ether	2.100	2.140	-1.9	102	0.00
20 T	Methylene Chloride	0.703	0.690	1.8	99	0.00
21 T	trans-1,2-Dichloroethene	0.613	0.611	0.3	99	0.00
22 T	Diisopropyl ether	2.243	2.284	-1.8	101	0.00
23 T	Vinyl Acetate	1.938	2.074	-7.0	101	0.00
24 P	1,1-Dichloroethane	1.269	1.261	0.6	101	0.00
25 T	2-Butanone	0.550	0.560	-1.8	97	0.00
26 T	2,2-Dichloropropane	0.820	0.853	-4.0	102	0.00
27 T	cis-1,2-Dichloroethene	0.747	0.733	1.9	99	0.00
28 T	Bromochloromethane	0.613	0.594	3.1	101	0.00
29 T	Tetrahydrofuran	0.356	0.356	0.0	97	0.00
30 C	Chloroform	1.306	1.295	0.8#	100	0.00
31 T	Cyclohexane	1.122	1.112	0.9	100	0.00
32 T	1,1,1-Trichloroethane	1.105	1.112	-0.6	102	0.00
33 S	1,2-Dichloroethane-d4	0.914	0.920	-0.7	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.355	0.349	1.7	105	0.00
36 T	1,1-Dichloropropene	0.479	0.480	-0.2	103	0.00
37 T	Ethyl Acetate	0.604	0.601	0.5	100	0.00
38 T	Carbon Tetrachloride	0.518	0.525	-1.4	102	0.00
39 T	Methylcyclohexane	0.587	0.589	-0.3	98	0.00
40 TM	Benzene	1.463	1.440	1.6	101	0.00
41 T	Methacrylonitrile	0.318	0.338	-6.3	100	0.00
42 TM	1,2-Dichloroethane	0.604	0.591	2.2	99	0.00
43 T	Isopropyl Acetate	0.915	0.943	-3.1	100	0.00
44 TM	Trichloroethene	0.348	0.331	4.9	98	0.00
45 C	1,2-Dichloropropane	0.365	0.361	1.1#	100	0.00
46 T	Dibromomethane	0.280	0.272	2.9	97	0.00
47 T	Bromodichloromethane	0.560	0.551	1.6	100	0.00
48 T	Methyl methacrylate	0.472	0.487	-3.2	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.009	0.008	11.1	92	0.00
50 S	Toluene-d8	1.238	1.242	-0.3	106	0.00
51 T	4-Methyl-2-Pentanone	0.606	0.619	-2.1	97	0.00
52 CM	Toluene	0.885	0.867	2.0#	99	0.00
53 T	t-1,3-Dichloropropene	0.467	0.502	-7.5	103	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.567	-7.8	104	0.00
55 T	1,1,2-Trichloroethane	0.353	0.346	2.0	100	0.00
56 T	Ethyl methacrylate	0.546	0.586	-7.3	102	0.00
57 T	1,3-Dichloropropane	0.614	0.613	0.2	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.276	0.287	-4.0	100	0.00
59 T	2-Hexanone	0.449	0.452	-0.7	96	0.00
60 T	Dibromochloromethane	0.385	0.392	-1.8	99	0.00
61 T	1,2-Dibromoethane	0.357	0.362	-1.4	101	0.00
62 S	4-Bromofluorobenzene	0.451	0.460	-2.0	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.353	0.334	5.4	97	0.00
65 PM	Chlorobenzene	1.068	1.073	-0.5	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.375	-1.1	102	0.00
67 C	Ethyl Benzene	1.914	1.973	-3.1#	100	0.00
68 T	m/p-Xylenes	0.696	0.715	-2.7	100	0.00
69 T	o-Xylene	0.686	0.708	-3.2	100	0.00
70 T	Styrene	1.132	1.191	-5.2	99	0.00
71 P	Bromoform	0.277	0.292	-5.4	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	4.005	4.229	-5.6	99	0.00
74 T	N-amyl acetate	1.916	2.084	-8.8	100	0.00
75 P	1,1,2,2-Tetrachloroethane	1.407	1.368	2.8	97	0.00
76 T	1,2,3-Trichloropropane	1.220	1.213	0.6	97	0.00
77 T	Bromobenzene	0.925	0.935	-1.1	98	0.00
78 T	n-propylbenzene	4.613	4.979	-7.9	100	0.00
79 T	2-Chlorotoluene	2.949	3.012	-2.1	100	0.00
80 T	1,3,5-Trimethylbenzene	3.312	3.546	-7.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.377	-5.0	100	0.00
82 T	4-Chlorotoluene	3.288	3.447	-4.8	98	0.00
83 T	tert-Butylbenzene	3.279	3.494	-6.6	100	0.00
84 T	1,2,4-Trimethylbenzene	3.324	3.523	-6.0	98	0.00
85 T	sec-Butylbenzene	4.027	4.342	-7.8	99	0.00
86 T	p-Isopropyltoluene	3.320	3.608	-8.7	101	0.00
87 T	1,3-Dichlorobenzene	1.684	1.702	-1.1	98	0.00
88 T	1,4-Dichlorobenzene	1.708	1.678	1.8	97	0.00
89 T	n-Butylbenzene	2.879	3.178	-10.4	99	0.00
90 T	Hexachloroethane	0.571	0.617	-8.1	102	0.00
91 T	1,2-Dichlorobenzene	1.675	1.673	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.294	0.313	-6.5	98	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.968	-3.9	101	0.00
94 T	Hexachlorobutadiene	0.402	0.401	0.2	98	0.00
95 T	Naphthalene	3.469	3.661	-5.5	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.976	0.984	-0.8	97	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	50.000	52.454	-4.9	97	0.00
3 P	Chloromethane	50.000	48.349	3.3	96	0.00
4 C	Vinyl Chloride	50.000	48.816	2.4#	97	0.00
5 T	Bromomethane	50.000	46.991	6.0	96	0.00
6 T	Chloroethane	50.000	51.586	-3.2	98	0.00
7 T	Trichlorofluoromethane	50.000	50.354	-0.7	99	0.00
8 T	Diethyl Ether	50.000	49.228	1.5	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.528	0.9	99	0.00
10 T	Methyl Iodide	50.000	48.626	2.7	95	0.00
11 T	Tert butyl alcohol	250.000	246.612	1.4	97	0.00
12 CM	1,1-Dichloroethene	50.000	49.726	0.5#	100	0.00
13 T	Acrolein	250.000	238.141	4.7	98	0.00
14 T	Allyl chloride	50.000	50.541	-1.1	100	0.00
15 T	Acrylonitrile	250.000	248.351	0.7	96	0.00
16 T	Acetone	250.000	241.904	3.2	98	0.00
17 T	Carbon Disulfide	50.000	52.057	-4.1	101	0.00
18 T	Methyl Acetate	50.000	48.742	2.5	100	0.00
19 T	Methyl tert-butyl Ether	50.000	50.950	-1.9	102	0.00
20 T	Methylene Chloride	50.000	49.055	1.9	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.800	0.4	99	0.00
22 T	Diisopropyl ether	50.000	50.895	-1.8	101	0.00
23 T	Vinyl Acetate	250.000	267.449	-7.0	101	0.00
24 P	1,1-Dichloroethane	50.000	49.677	0.6	101	0.00
25 T	2-Butanone	250.000	254.882	-2.0	97	0.00
26 T	2,2-Dichloropropane	50.000	52.020	-4.0	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.049	1.9	99	0.00
28 T	Bromochloromethane	50.000	48.403	3.2	101	0.00
29 T	Tetrahydrofuran	250.000	249.473	0.2	97	0.00
30 C	Chloroform	50.000	49.614	0.8#	100	0.00
31 T	Cyclohexane	50.000	49.583	0.8	100	0.00
32 T	1,1,1-Trichloroethane	50.000	50.330	-0.7	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.329	-0.7	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	49.256	1.5	105	0.00
36 T	1,1-Dichloropropene	50.000	50.088	-0.2	103	0.00
37 T	Ethyl Acetate	50.000	49.787	0.4	100	0.00
38 T	Carbon Tetrachloride	50.000	50.667	-1.3	102	0.00
39 T	Methylcyclohexane	50.000	50.124	-0.2	98	0.00
40 TM	Benzene	50.000	49.212	1.6	101	0.00
41 T	Methacrylonitrile	50.000	53.098	-6.2	100	0.00
42 TM	1,2-Dichloroethane	50.000	48.875	2.3	99	0.00
43 T	Isopropyl Acetate	50.000	51.539	-3.1	100	0.00
44 TM	Trichloroethene	50.000	47.643	4.7	98	0.00
45 C	1,2-Dichloropropane	50.000	49.521	1.0#	100	0.00
46 T	Dibromomethane	50.000	48.542	2.9	97	0.00
47 T	Bromodichloromethane	50.000	49.273	1.5	100	0.00
48 T	Methyl methacrylate	50.000	51.507	-3.0	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	955.327	4.5	92	0.00
50 S	Toluene-d8	50.000	50.160	-0.3	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	254.994	-2.0	97	0.00
52 CM	Toluene	50.000	48.994	2.0#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	46.783	6.4	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.878	-7.8	104	0.00
55 T	1,1,2-Trichloroethane	50.000	49.007	2.0	100	0.00
56 T	Ethyl methacrylate	50.000	53.705	-7.4	102	0.00
57 T	1,3-Dichloropropane	50.000	49.869	0.3	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.201	-4.1	100	0.00
59 T	2-Hexanone	250.000	251.710	-0.7	96	0.00
60 T	Dibromochloromethane	50.000	50.983	-2.0	99	0.00
61 T	1,2-Dibromoethane	50.000	50.693	-1.4	101	0.00
62 S	4-Bromofluorobenzene	50.000	50.959	-1.9	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	47.239	5.5	97	0.00
65 PM	Chlorobenzene	50.000	50.207	-0.4	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.495	-1.0	102	0.00
67 C	Ethyl Benzene	50.000	51.558	-3.1#	100	0.00
68 T	m/p-Xylenes	100.000	102.728	-2.7	100	0.00
69 T	o-Xylene	50.000	51.650	-3.3	100	0.00
70 T	Styrene	50.000	52.624	-5.2	99	0.00
71 P	Bromoform	50.000	52.694	-5.4	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	52.794	-5.6	99	0.00
74 T	N-amyl acetate	50.000	54.387	-8.8	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.608	2.8	97	0.00
76 T	1,2,3-Trichloropropane	50.000	49.741	0.5	97	0.00
77 T	Bromobenzene	50.000	50.525	-1.0	98	0.00
78 T	n-propylbenzene	50.000	53.967	-7.9	100	0.00
79 T	2-Chlorotoluene	50.000	51.057	-2.1	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.534	-7.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.482	-5.0	100	0.00
82 T	4-Chlorotoluene	50.000	52.422	-4.8	98	0.00
83 T	tert-Butylbenzene	50.000	53.274	-6.5	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.990	-6.0	98	0.00
85 T	sec-Butylbenzene	50.000	53.903	-7.8	99	0.00
86 T	p-Isopropyltoluene	50.000	54.337	-8.7	101	0.00
87 T	1,3-Dichlorobenzene	50.000	50.521	-1.0	98	0.00
88 T	1,4-Dichlorobenzene	50.000	49.117	1.8	97	0.00
89 T	n-Butylbenzene	50.000	55.189	-10.4	99	0.00
90 T	Hexachloroethane	50.000	54.066	-8.1	102	0.00
91 T	1,2-Dichlorobenzene	50.000	49.938	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.226	-6.5	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.935	-3.9	101	0.00
94 T	Hexachlorobutadiene	50.000	49.961	0.1	98	0.00
95 T	Naphthalene	50.000	52.765	-5.5	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.396	-0.8	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

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

Instrument ID: MSVOA_N Calibration Date/Time: 05/05/2025 11:32

Lab File ID: VN086478.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.485	1.541		3.77	20
Toluene	0.927	0.979		5.61	20
Ethyl Benzene	2.014	1.999		-0.75	20
m/p-Xylenes	0.754	0.772		2.39	20
o-Xylene	0.746	0.767		2.82	20
Isopropylbenzene	4.090	3.762		-8.02	20
n-propylbenzene	4.820	4.463		-7.41	20
1,3,5-Trimethylbenzene	3.348	3.185		-4.87	20
tert-Butylbenzene	2.901	2.643		-8.89	20
1,2,4-Trimethylbenzene	3.408	3.330		-2.29	20
sec-Butylbenzene	4.023	3.690		-8.28	20
p-Isopropyltoluene	3.316	3.176		-4.22	20
n-Butylbenzene	2.939	2.742		-6.7	20
1,2-Dichloroethane-d4	0.725	0.817		12.69	20
Dibromofluoromethane	0.232	0.264		13.79	20
Toluene-d8	1.240	1.280		3.23	20
4-Bromofluorobenzene	0.452	0.478		5.75	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086478.D
 Acq On : 05 May 2025 11:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 01:43:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	154484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126143	56.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.620%			
35) Dibromofluoromethane	8.165	113	78358	56.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.580%			
50) Toluene-d8	10.565	98	380448	51.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.847	95	142048	52.810	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82797	45.212	ug/l	97
3) Chloromethane	2.359	50	124341	46.718	ug/l	97
4) Vinyl Chloride	2.512	62	117200	46.145	ug/l	99
5) Bromomethane	2.953	94	71282	62.395	ug/l	99
6) Chloroethane	3.118	64	80740	47.499	ug/l	99
7) Trichlorofluoromethane	3.495	101	134221	47.709	ug/l	98
8) Diethyl Ether	3.953	74	64966	52.896	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	83015	48.778	ug/l	99
10) Methyl Iodide	4.589	142	114063	60.961	ug/l	100
11) Tert butyl alcohol	5.518	59	108474	265.389	ug/l	99
12) 1,1-Dichloroethene	4.342	96	86114	47.361	ug/l	98
13) Acrolein	4.177	56	68891	368.613	ug/l	96
14) Allyl chloride	5.024	41	142017	43.937	ug/l	94
15) Acrylonitrile	5.718	53	270801	268.011	ug/l	100
16) Acetone	4.424	43	215081	278.344	ug/l	99
17) Carbon Disulfide	4.712	76	236748	43.485	ug/l	98
18) Methyl Acetate	5.018	43	128186	47.670	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	364510	54.536	ug/l	99
20) Methylene Chloride	5.271	84	112578	54.360	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	97661	51.375	ug/l	97
22) Diisopropyl ether	6.671	45	363854	51.747	ug/l	98
23) Vinyl Acetate	6.600	43	1330427	270.668	ug/l	99
24) 1,1-Dichloroethane	6.571	63	194515	52.430	ug/l	100
25) 2-Butanone	7.477	43	362574	260.025	ug/l	98
26) 2,2-Dichloropropane	7.488	77	165135	49.713	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	128100	54.294	ug/l	95
28) Bromochloromethane	7.812	49	82364	52.359	ug/l	93
29) Tetrahydrofuran	7.835	42	240446	257.870	ug/l	97
30) Chloroform	7.965	83	201773	55.364	ug/l	98
31) Cyclohexane	8.253	56	154302	42.503	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	161979	51.955	ug/l	98
36) 1,1-Dichloropropene	8.371	75	132456	48.061	ug/l	99
37) Ethyl Acetate	7.559	43	144768	49.894	ug/l	100
38) Carbon Tetrachloride	8.359	117	131483	50.096	ug/l	97
39) Methylcyclohexane	9.600	83	146265	44.650	ug/l	99
40) Benzene	8.600	78	458081	51.877	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086478.D
 Acq On : 05 May 2025 11:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 01:43:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	87486	52.024	ug/l	98
42) 1,2-Dichloroethane	8.665	62	158498	56.287	ug/l	99
43) Isopropyl Acetate	8.682	43	281615	54.566	ug/l	100
44) Trichloroethene	9.347	130	110489	52.792	ug/l	97
45) 1,2-Dichloropropane	9.618	63	113518	52.519	ug/l	100
46) Dibromomethane	9.706	93	80677	58.582	ug/l	97
47) Bromodichloromethane	9.882	83	166167	55.865	ug/l	98
48) Methyl methacrylate	9.677	41	126557	49.669	ug/l	96
49) 1,4-Dioxane	9.694	88	46836	1080.631	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	783175	263.592	ug/l	98
52) Toluene	10.629	92	290954	52.807	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	186288	56.106	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	192540	52.796	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	113496	57.253	ug/l	95
56) Ethyl methacrylate	10.871	69	196399	53.899	ug/l	98
57) 1,3-Dichloropropane	11.159	76	197019	56.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	412328	238.408	ug/l	98
59) 2-Hexanone	11.194	43	576127	261.423	ug/l	99
60) Dibromochloromethane	11.359	129	126605	58.161	ug/l	98
61) 1,2-Dibromoethane	11.465	107	117011	58.498	ug/l	100
64) Tetrachloroethene	11.100	164	106562	50.118	ug/l	99
65) Chlorobenzene	11.888	112	324322	52.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	110992	54.541	ug/l	99
67) Ethyl Benzene	11.959	91	552537	49.637	ug/l	99
68) m/p-Xylenes	12.070	106	426898	102.350	ug/l	98
69) o-Xylene	12.394	106	211945	51.383	ug/l	99
70) Styrene	12.406	104	368683	53.644	ug/l	99
71) Bromoform	12.576	173	86154	56.230	ug/l #	98
73) Isopropylbenzene	12.694	105	503533	45.987	ug/l	99
74) N-amyl acetate	12.488	43	248033	45.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	158899	50.472	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	152035m	48.132	ug/l	
77) Bromobenzene	12.976	156	128740	53.065	ug/l	93
78) n-propylbenzene	13.035	91	597398	46.301	ug/l	100
79) 2-Chlorotoluene	13.123	91	388583	48.130	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	426330	47.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	68858	52.354	ug/l	87
82) 4-Chlorotoluene	13.217	91	394754	49.221	ug/l	99
83) tert-Butylbenzene	13.435	119	353792	45.561	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	445744	48.864	ug/l	99
85) sec-Butylbenzene	13.612	105	493958	45.861	ug/l	100
86) p-Isopropyltoluene	13.723	119	425158	47.890	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	239188	52.446	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	242338	52.755	ug/l	98
89) n-Butylbenzene	14.053	91	366963	46.633	ug/l	99
90) Hexachloroethane	14.329	117	69887	46.800	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	234928	53.131	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31129	49.038	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	113531	53.621	ug/l	99
94) Hexachlorobutadiene	15.494	225	36952	46.233	ug/l	100
95) Naphthalene	15.635	128	385090	51.308	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	107122	53.440	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

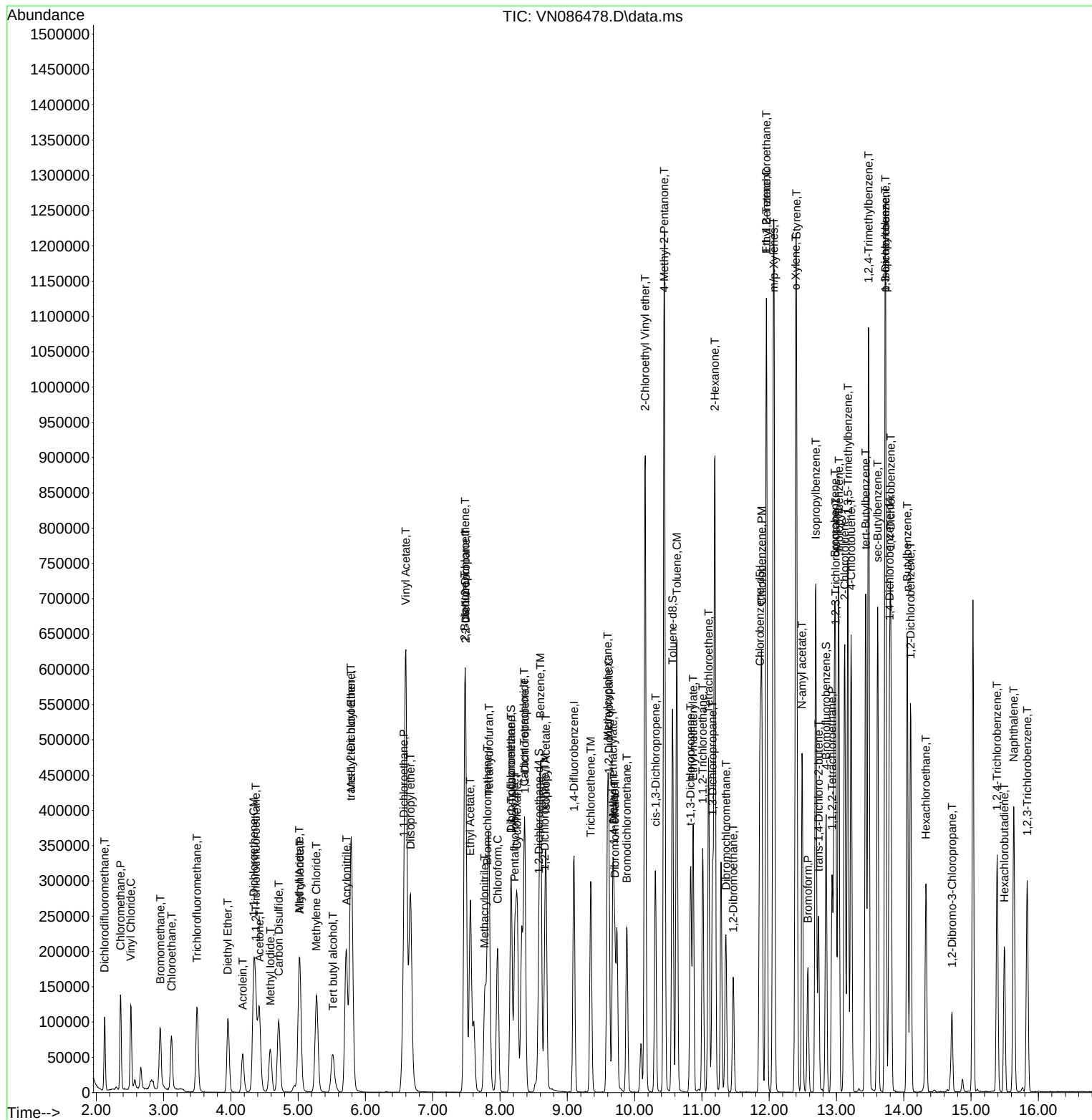
Manual Integrations

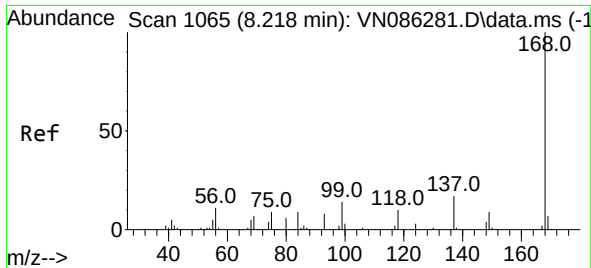
APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025

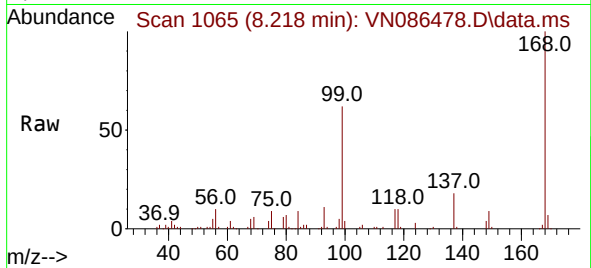
Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

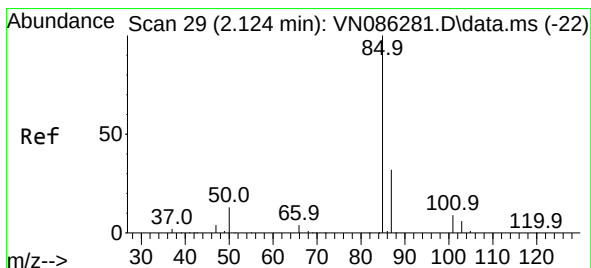
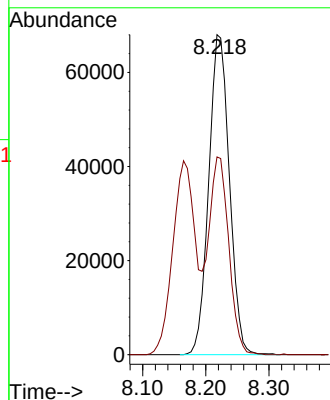
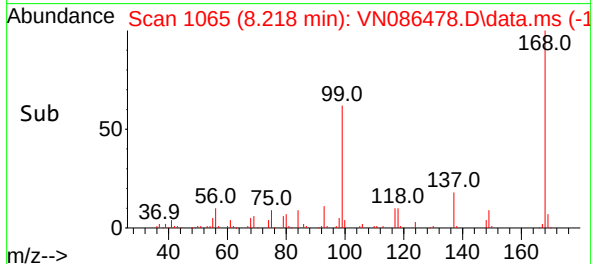
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 154484
Ion Ratio Lower Upper
168 100
99 61.8 52.5 78.7

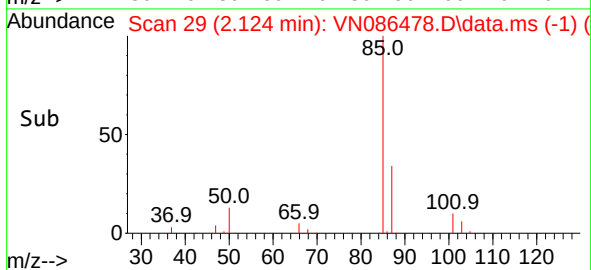
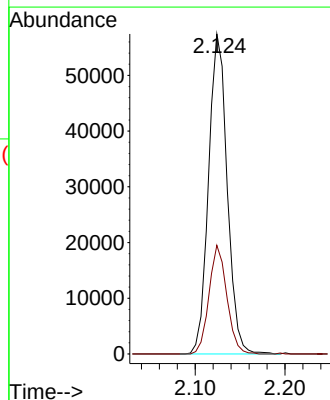
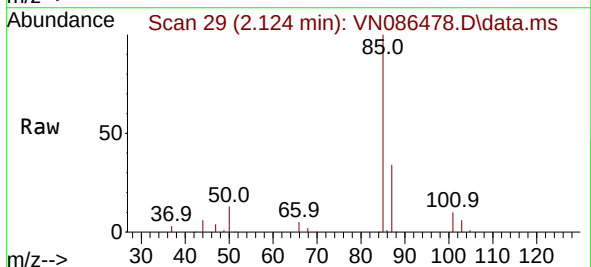
Manual Integrations
APPROVED

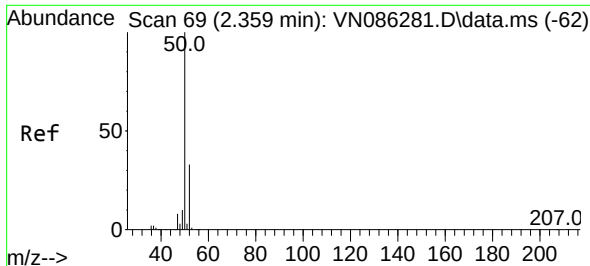
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 45.212 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

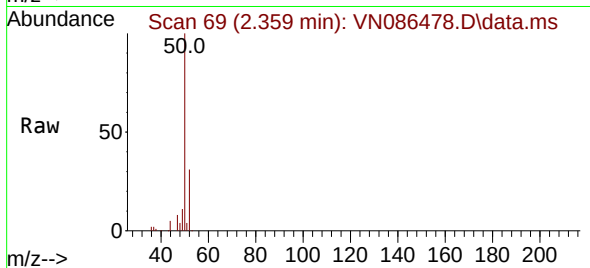
Tgt Ion: 85 Resp: 82797
Ion Ratio Lower Upper
85 100
87 33.9 16.3 48.8





#3
Chloromethane
Concen: 46.718 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

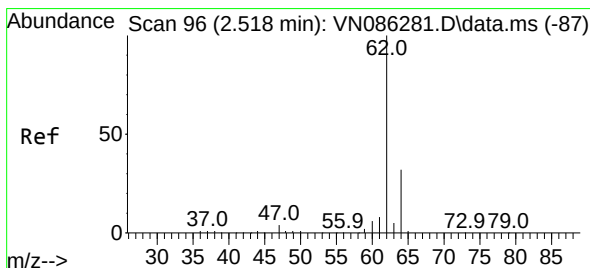
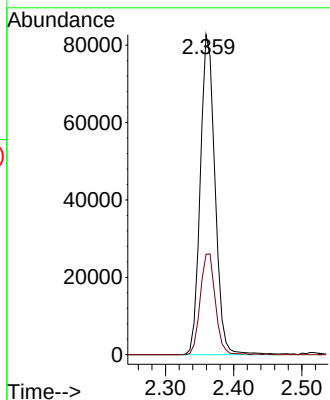
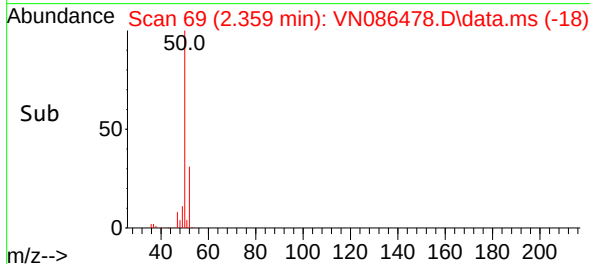
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



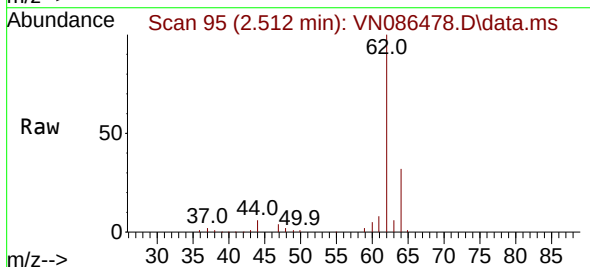
Tgt Ion: 50 Resp: 12434
Ion Ratio Lower Upper
50 100
52 31.3 26.5 39.7

Manual Integrations
APPROVED

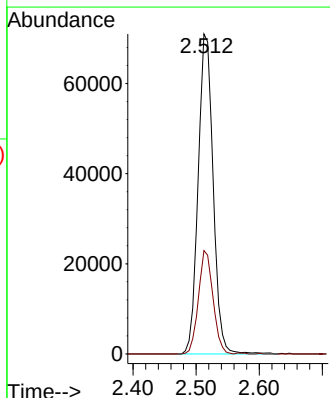
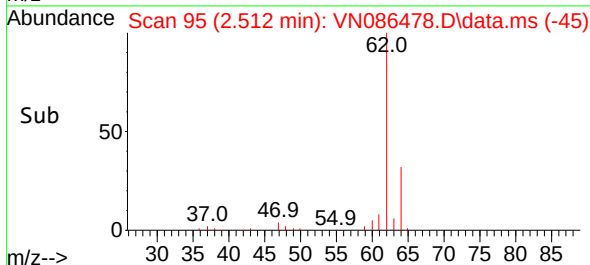
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

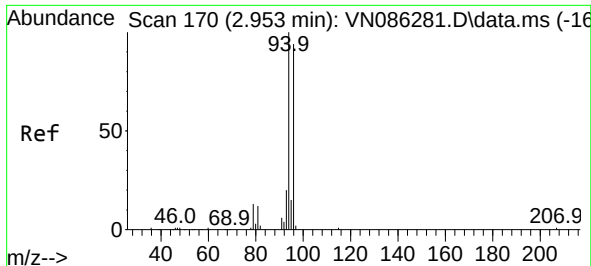


#4
Vinyl Chloride
Concen: 46.145 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



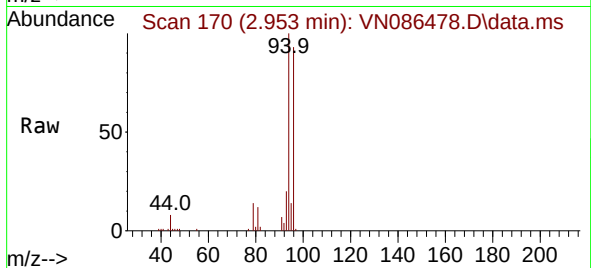
Tgt Ion: 62 Resp: 117200
Ion Ratio Lower Upper
62 100
64 32.3 25.6 38.4





#5
Bromomethane
Concen: 62.395 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

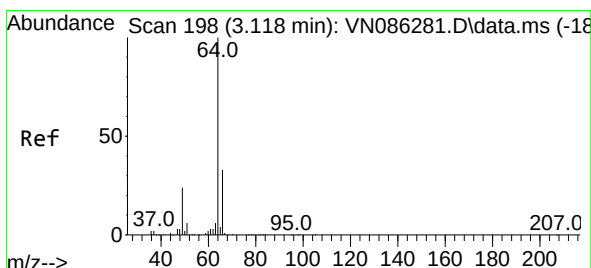
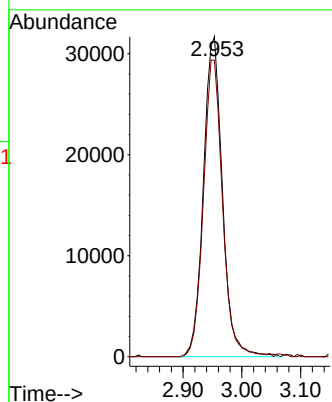
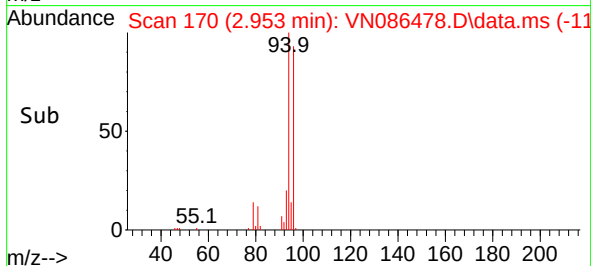
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 7128
Ion Ratio Lower Upper
94 100
96 92.7 75.2 112.8

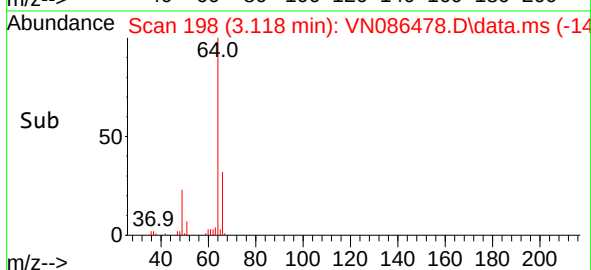
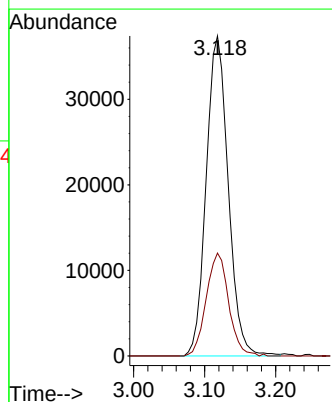
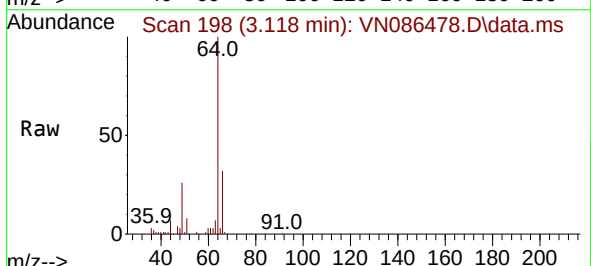
Manual Integrations
APPROVED

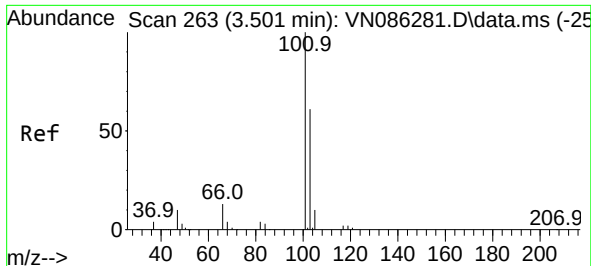
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#6
Chloroethane
Concen: 47.499 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

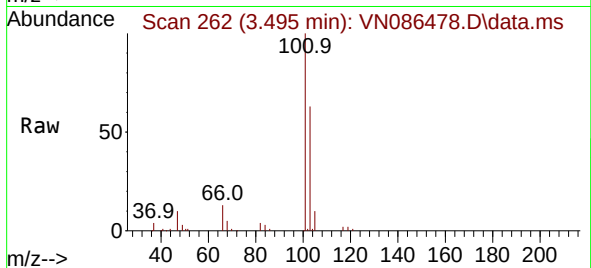
Tgt Ion: 64 Resp: 80740
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 47.709 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

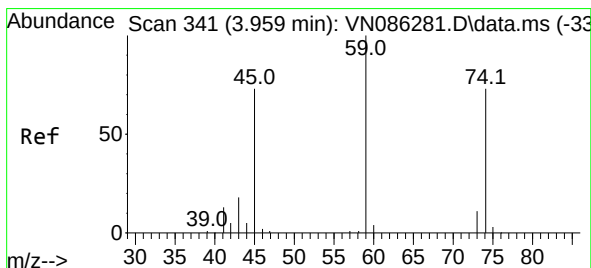
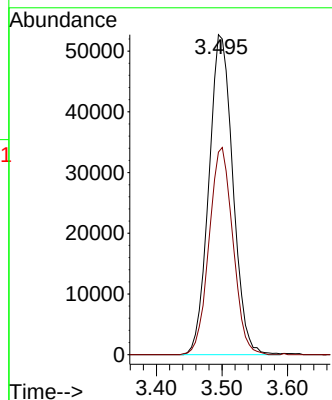
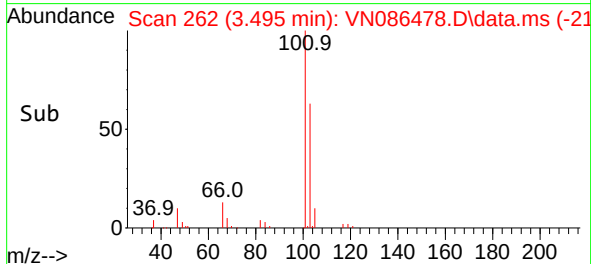
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 13422
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.2 73.8

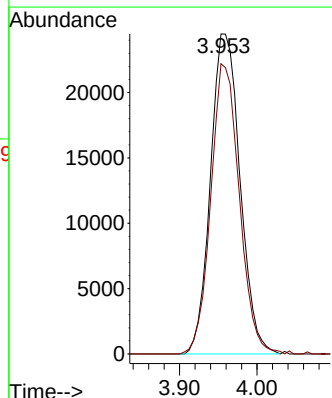
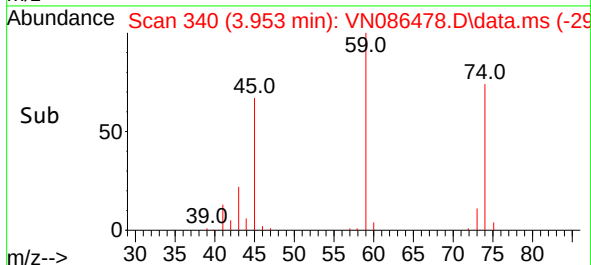
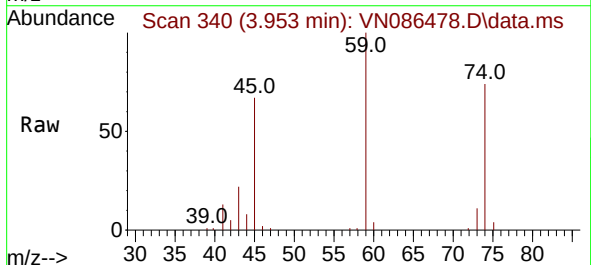
Manual Integrations
 APPROVED

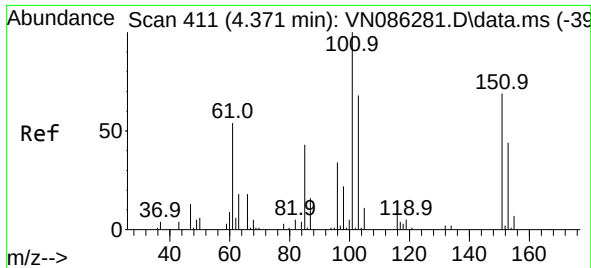
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#8
 Diethyl Ether
 Concen: 52.896 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

Tgt Ion: 74 Resp: 64966
 Ion Ratio Lower Upper
 74 100
 45 87.5 48.0 144.2





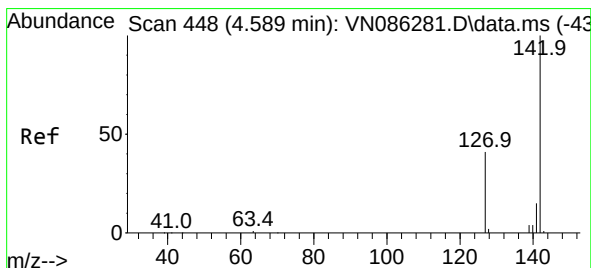
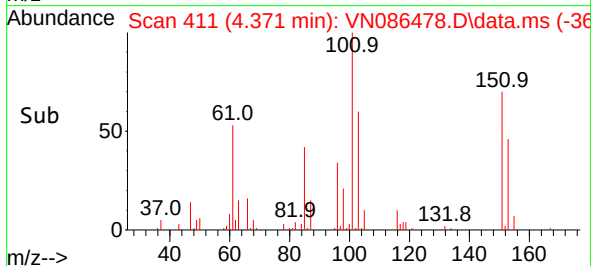
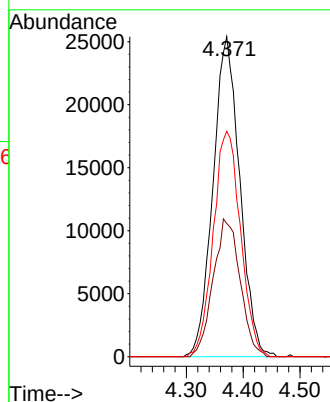
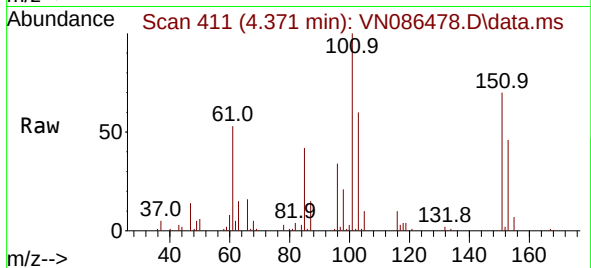
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.778 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8301
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 71.8 56.1 84.1

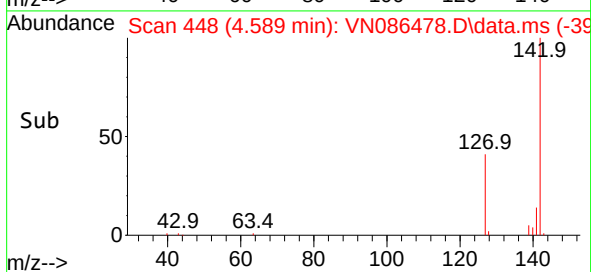
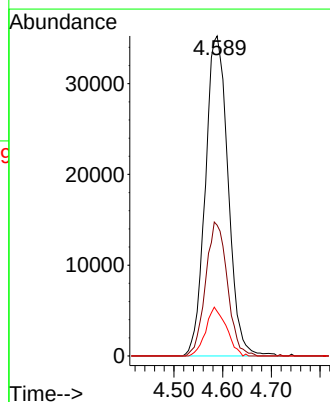
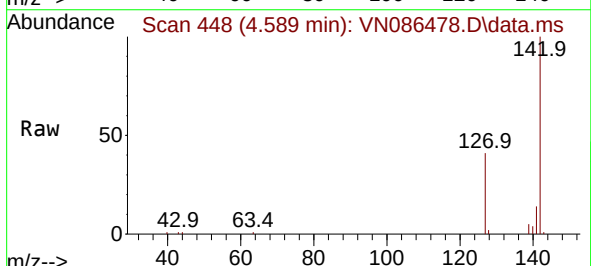
Manual Integrations
APPROVED

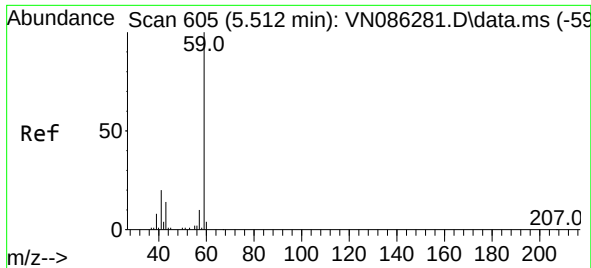
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#10
Methyl Iodide
Concen: 60.961 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

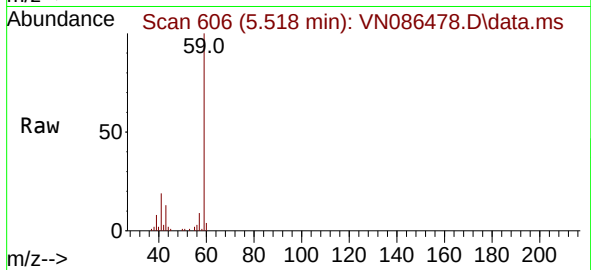
Tgt Ion:142 Resp: 114063
Ion Ratio Lower Upper
142 100
127 40.9 32.7 49.1
141 13.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 265.389 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

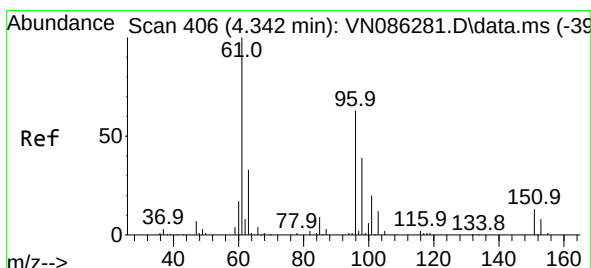
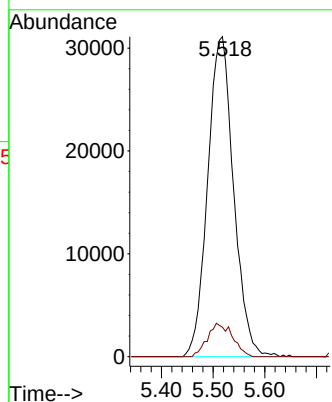
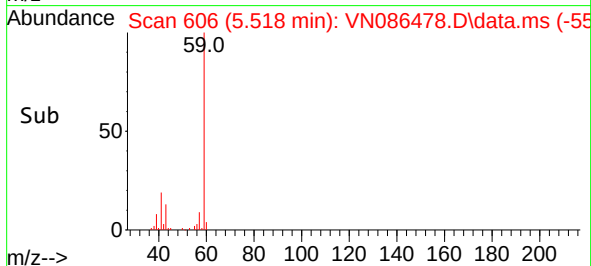
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



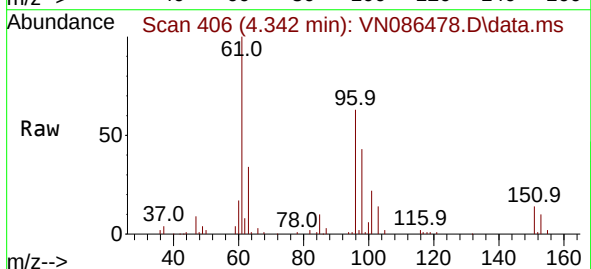
Tgt Ion: 59 Resp: 108474
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

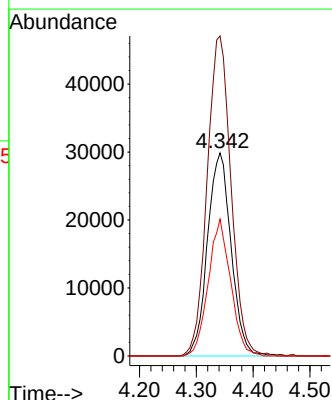
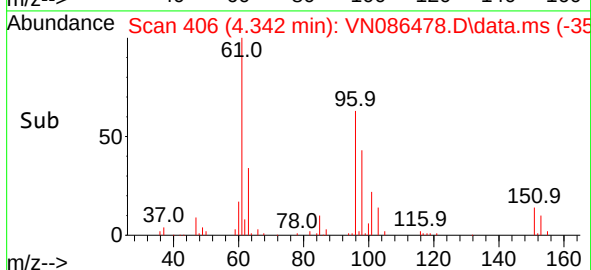
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

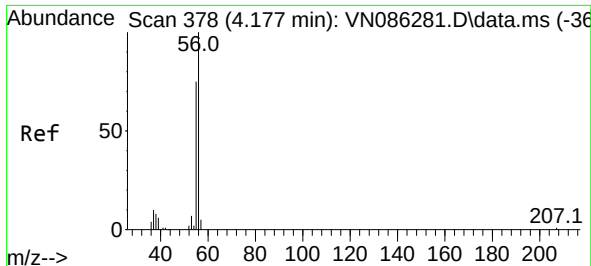


#12
1,1-Dichloroethene
Concen: 47.361 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



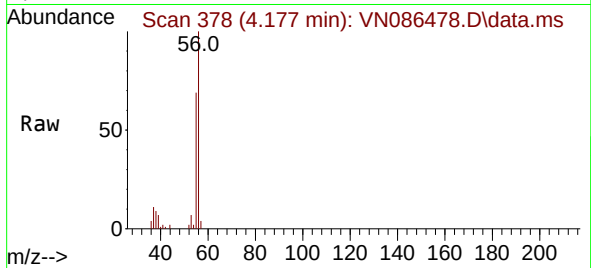
Tgt Ion: 96 Resp: 86114
Ion Ratio Lower Upper
96 100
61 157.6 126.6 189.8
98 67.4 49.6 74.4





#13
Acrolein
Concen: 368.613 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

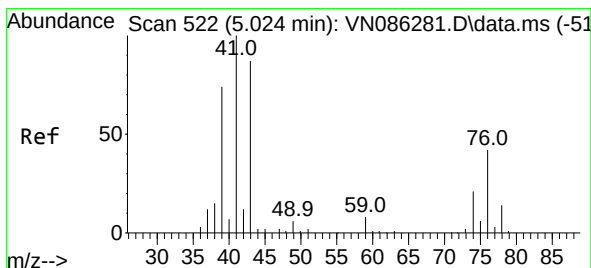
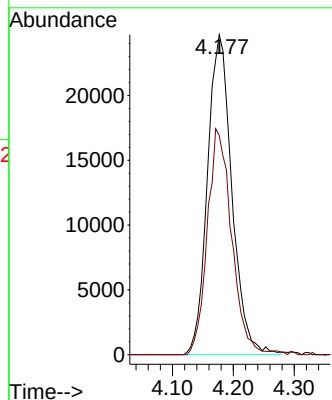
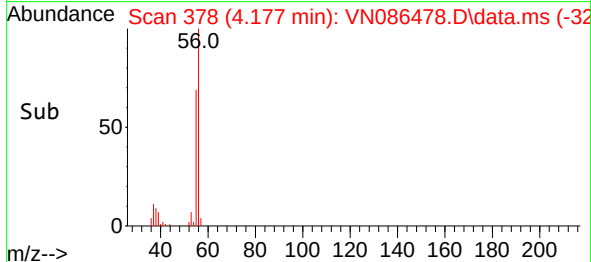
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



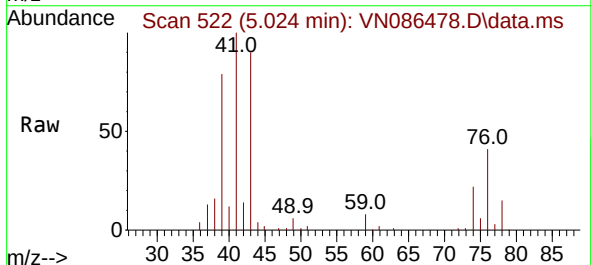
Tgt Ion: 56 Resp: 6889
Ion Ratio Lower Upper
56 100
55 69.9 58.5 87.7

Manual Integrations
APPROVED

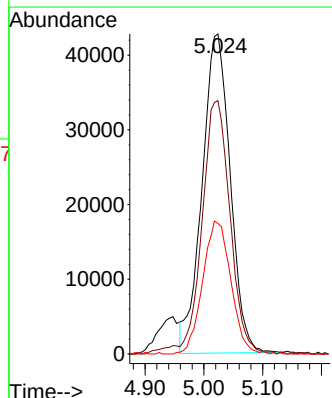
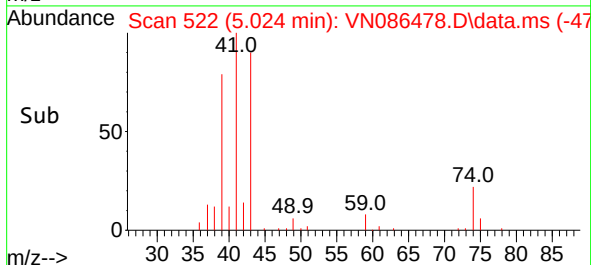
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

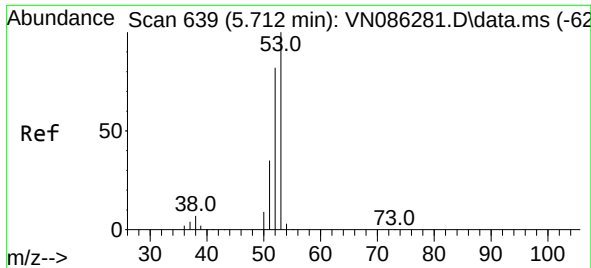


#14
Allyl chloride
Concen: 43.937 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



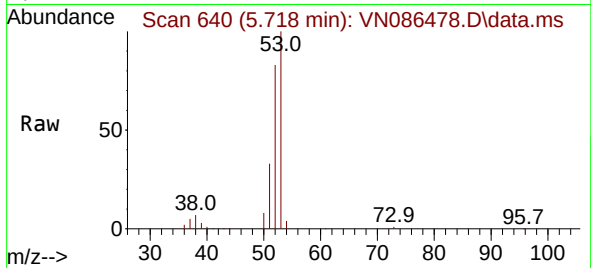
Tgt Ion: 41 Resp: 142017
Ion Ratio Lower Upper
41 100
39 79.8 59.2 88.8
76 41.6 31.2 46.8





#15
Acrylonitrile
Concen: 268.011 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

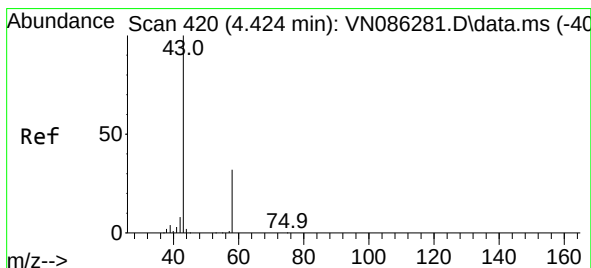
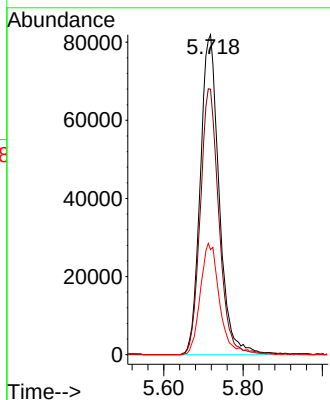
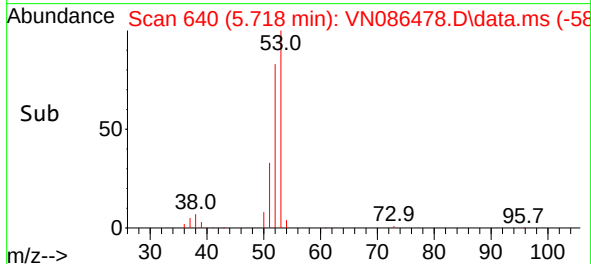
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



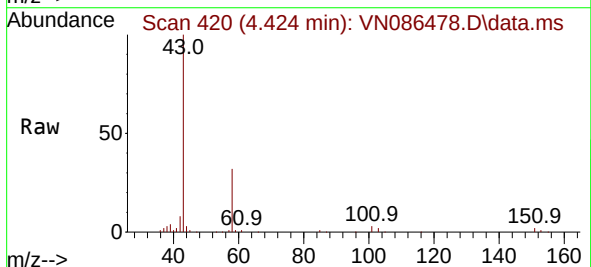
Tgt Ion: 53 Resp: 27080
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 35.8 28.6 42.8

Manual Integrations
APPROVED

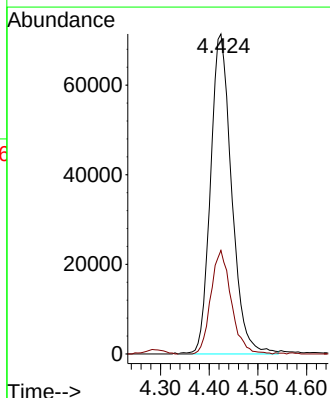
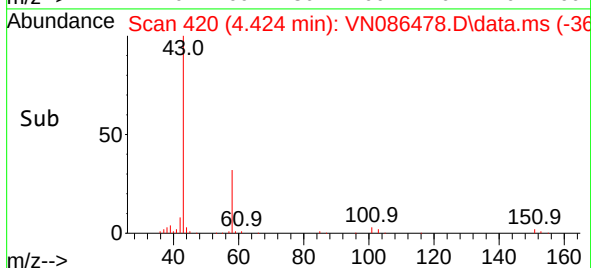
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

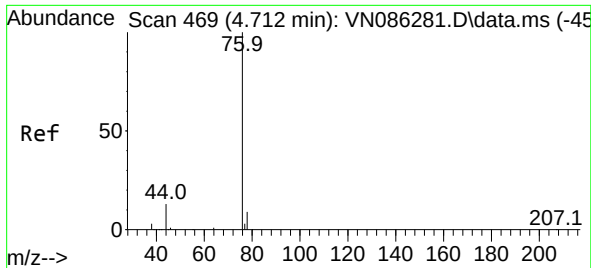


#16
Acetone
Concen: 278.344 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



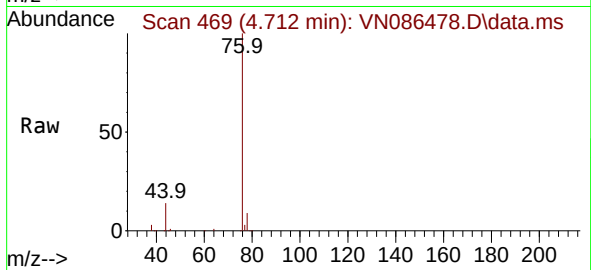
Tgt Ion: 43 Resp: 215081
Ion Ratio Lower Upper
43 100
58 32.4 25.3 37.9





#17
Carbon Disulfide
Concen: 43.485 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

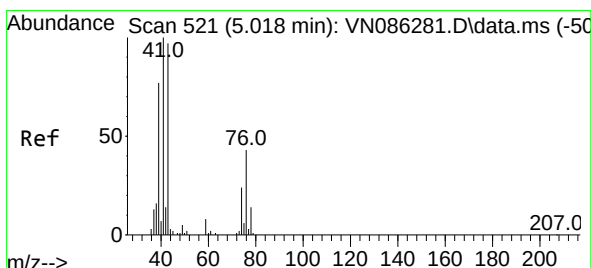
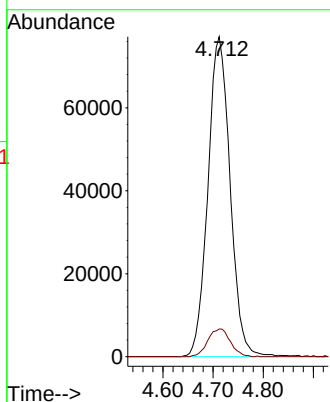
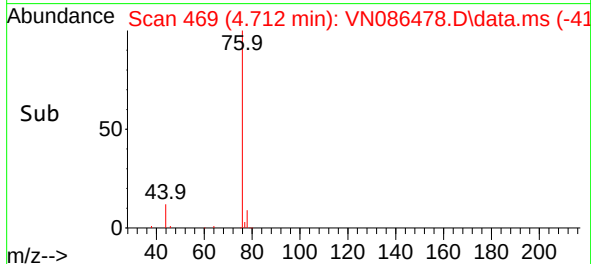
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



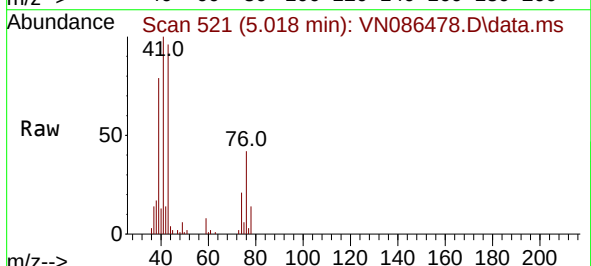
Tgt Ion: 76 Resp: 236748
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

Manual Integrations
APPROVED

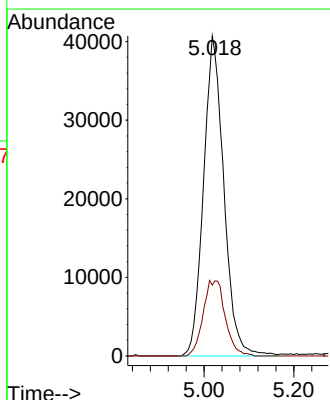
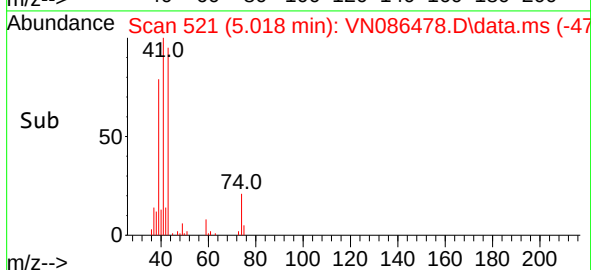
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

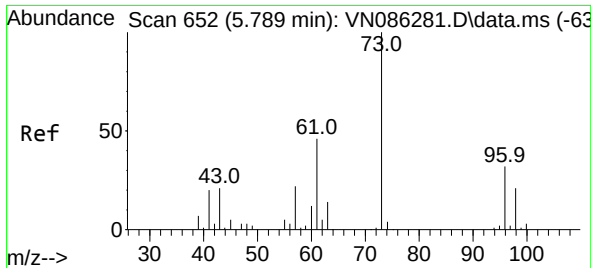


#18
Methyl Acetate
Concen: 47.670 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion: 43 Resp: 128186
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6





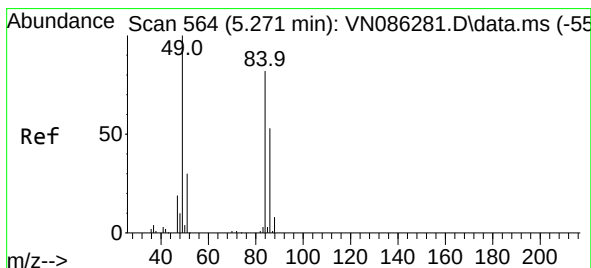
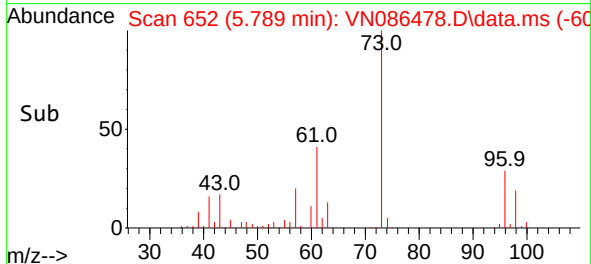
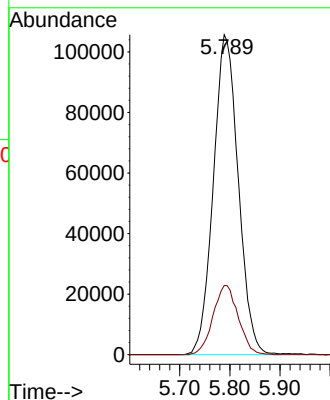
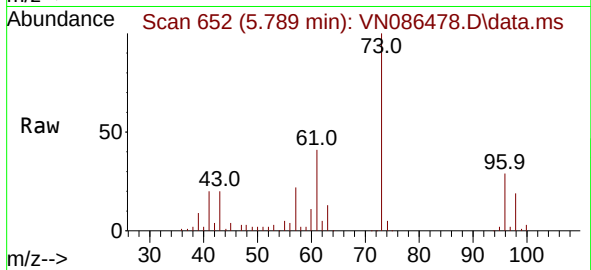
#19
Methyl tert-butyl Ether
Concen: 54.536 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 364510
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

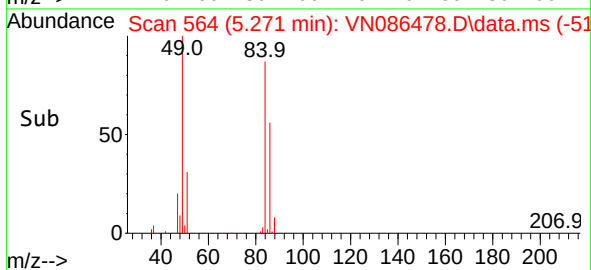
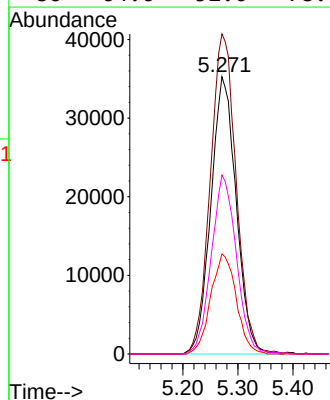
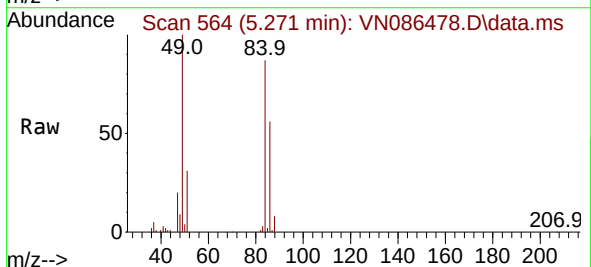
Manual Integrations
APPROVED

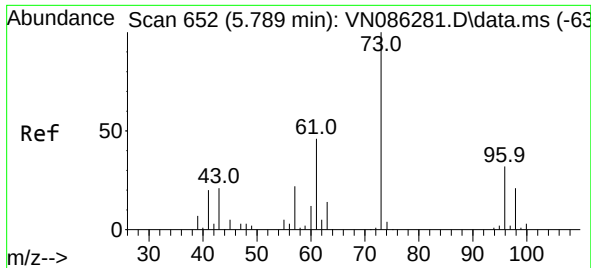
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#20
Methylene Chloride
Concen: 54.360 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 84 Resp: 112578
Ion Ratio Lower Upper
84 100
49 115.4 98.2 147.2
51 36.0 29.8 44.6
86 64.6 52.0 78.0





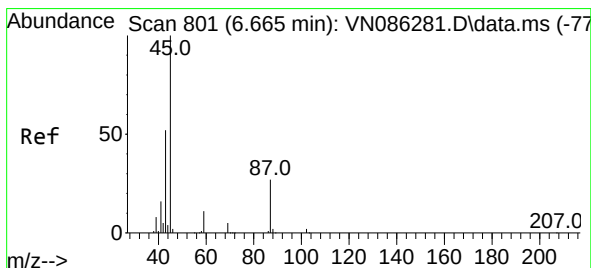
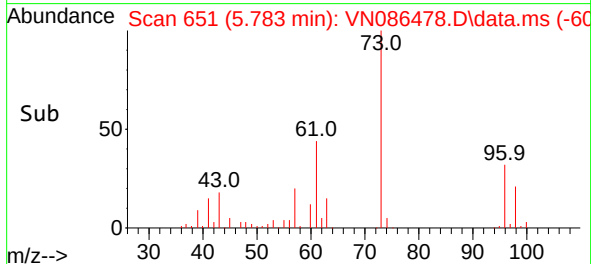
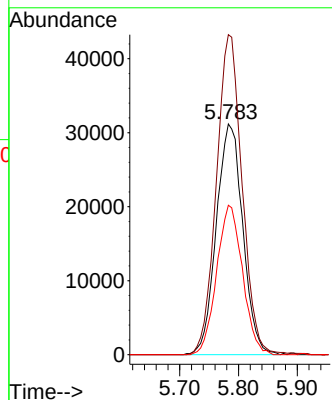
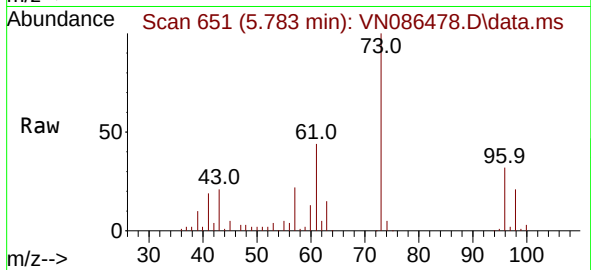
#21
trans-1,2-Dichloroethene
Concen: 51.375 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 9766
Ion Ratio Lower Upper
96 100
61 138.7 114.6 171.8
98 64.7 51.2 76.8

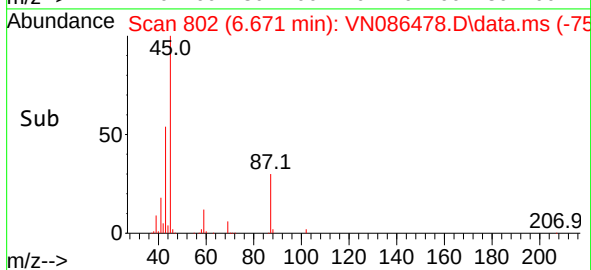
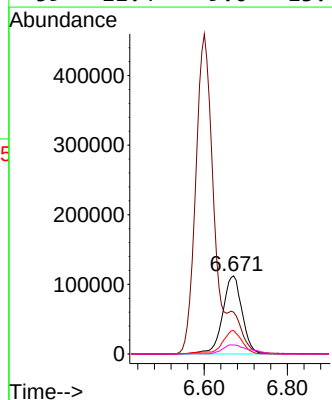
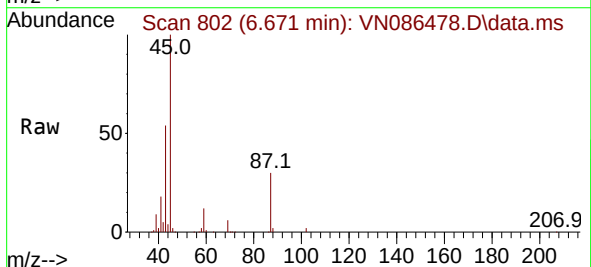
Manual Integrations
APPROVED

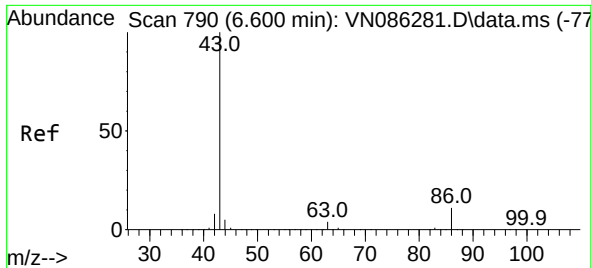
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#22
Diisopropyl ether
Concen: 51.747 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 45 Resp: 363854
Ion Ratio Lower Upper
45 100
43 52.9 41.8 62.8
87 30.2 21.6 32.4
59 11.4 9.0 13.4





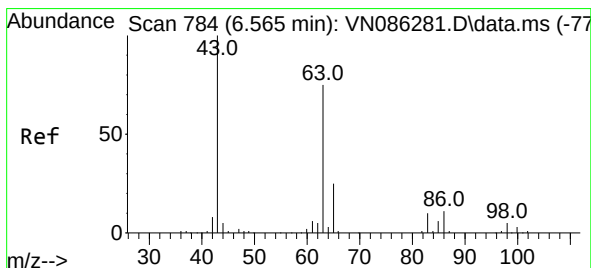
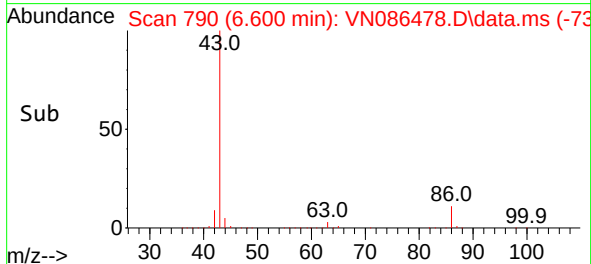
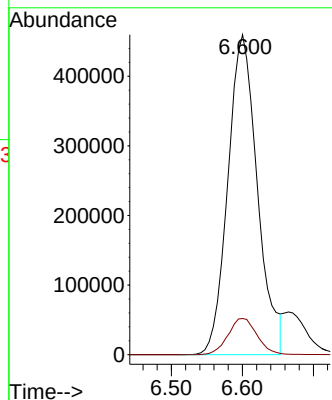
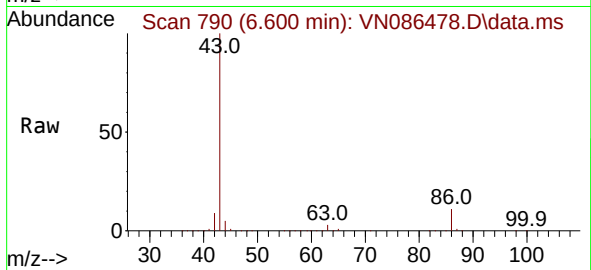
#23
 Vinyl Acetate
 Concen: 270.668 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 133042
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 13.0

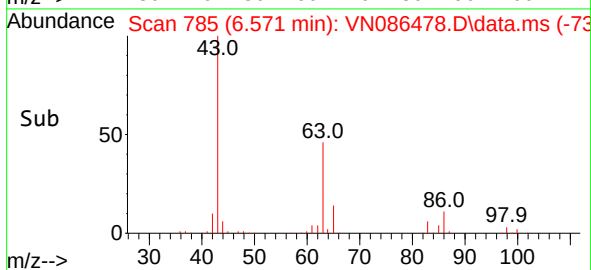
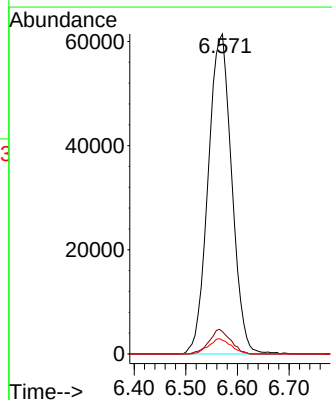
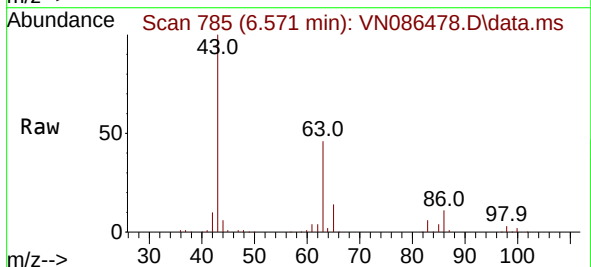
Manual Integrations
 APPROVED

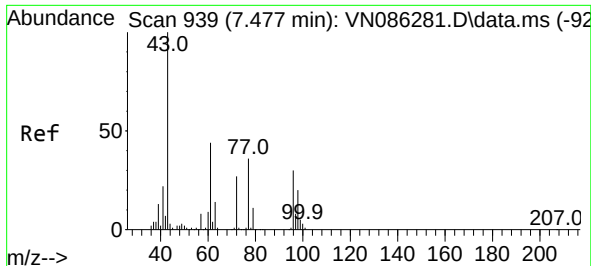
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#24
 1,1-Dichloroethane
 Concen: 52.430 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

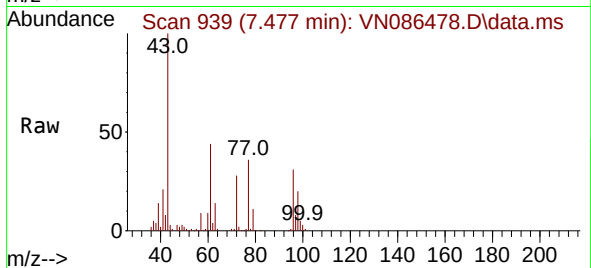
Tgt Ion: 63 Resp: 194515
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 260.025 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

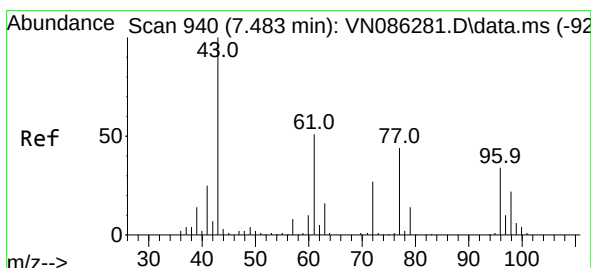
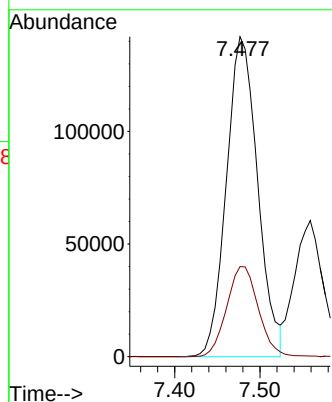
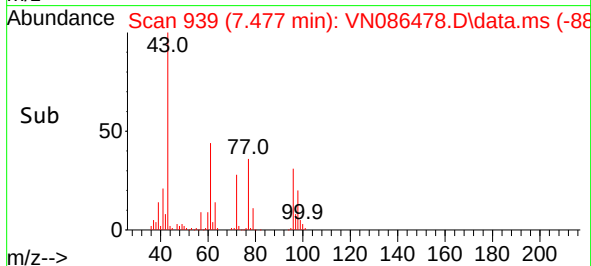
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



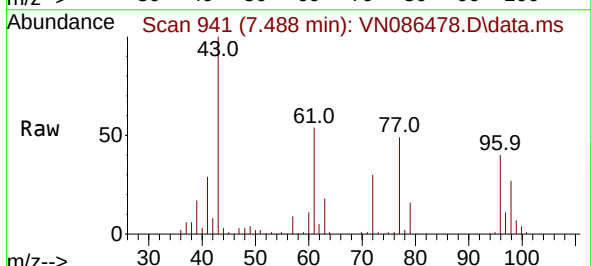
Tgt Ion: 43 Resp: 362574
Ion Ratio Lower Upper
43 100
72 28.1 21.7 32.5

Manual Integrations
APPROVED

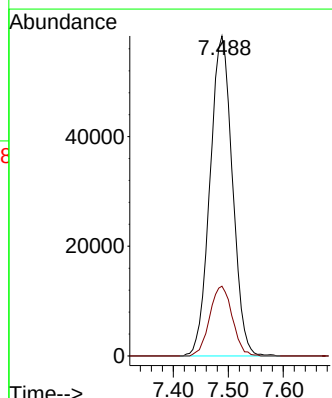
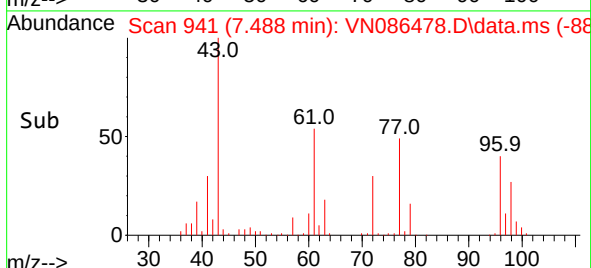
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

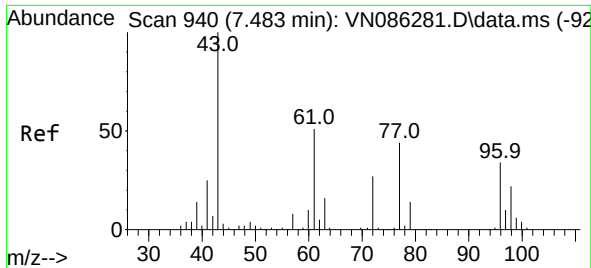


#26
2,2-Dichloropropane
Concen: 49.713 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



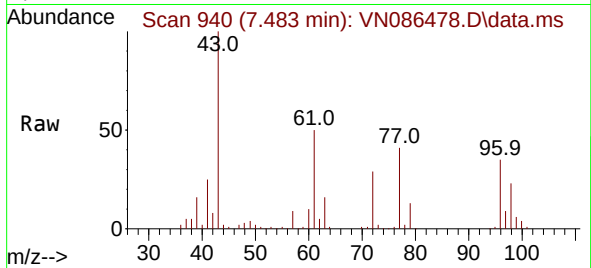
Tgt Ion: 77 Resp: 165135
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.294 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

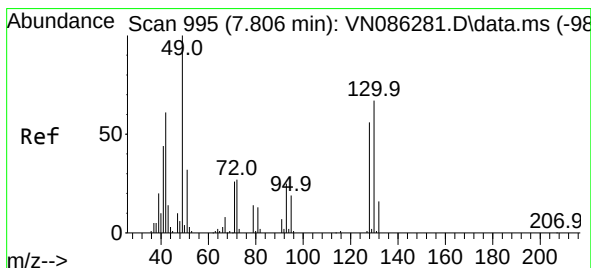
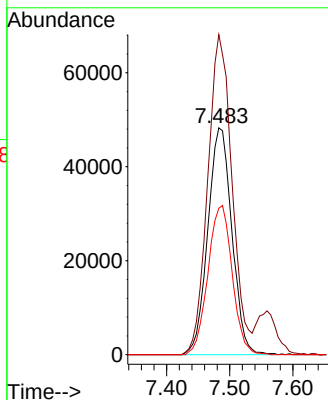
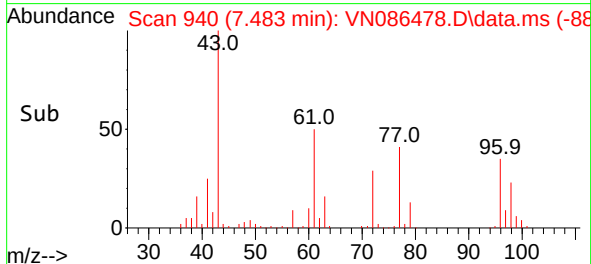
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



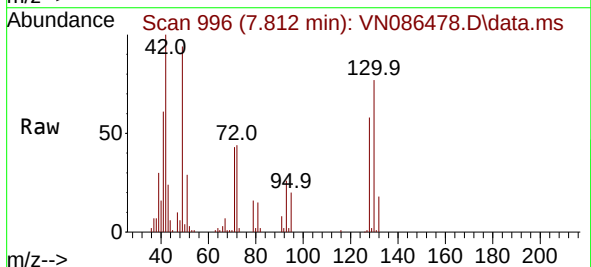
Tgt Ion: 96 Resp: 128100
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 299.0
 98 66.1 0.0 129.6

Manual Integrations
 APPROVED

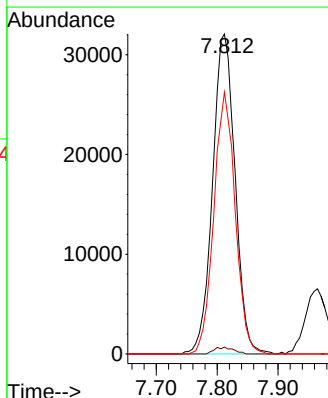
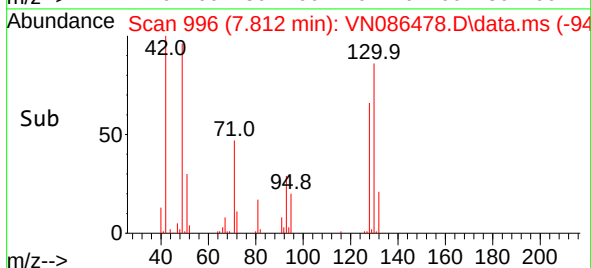
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

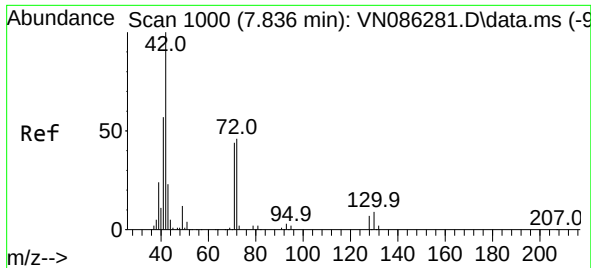


#28
 Bromochloromethane
 Concen: 52.359 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32



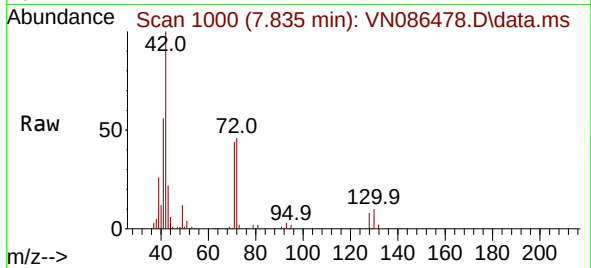
Tgt Ion: 49 Resp: 82364
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 77.7 57.1 85.7





#29
Tetrahydrofuran
Concen: 257.870 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

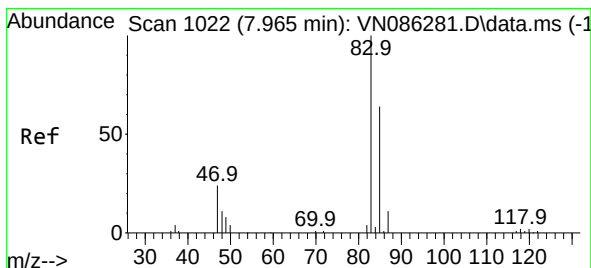
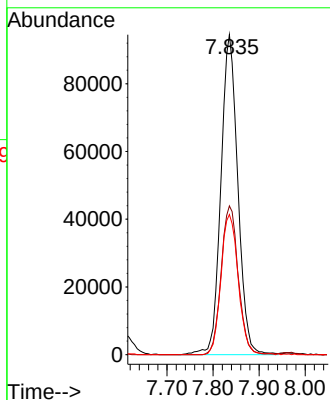
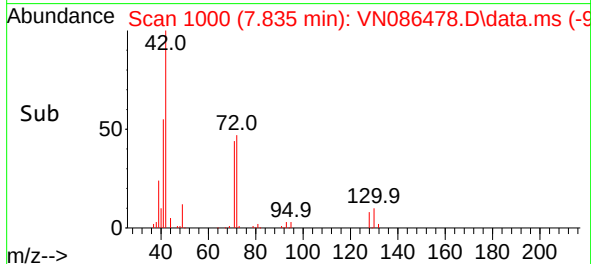
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 240440
Ion Ratio Lower Upper
42 100
72 47.0 36.2 54.4
71 44.6 34.0 51.0

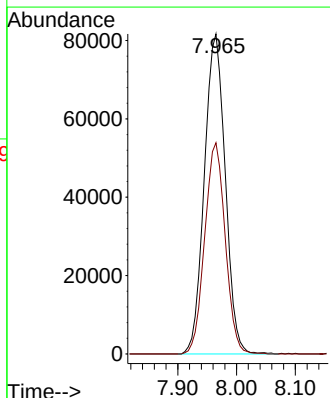
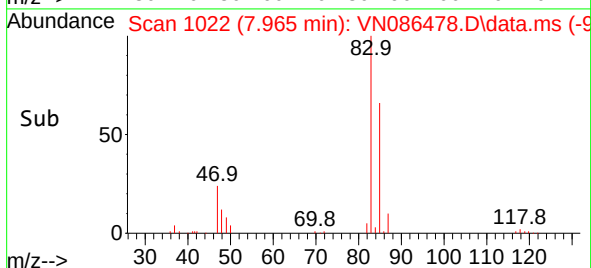
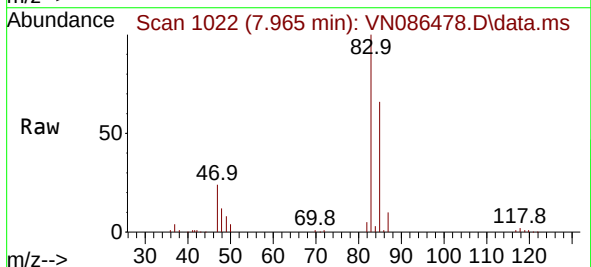
Manual Integrations
APPROVED

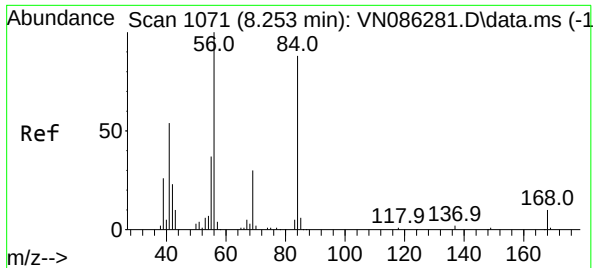
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#30
Chloroform
Concen: 55.364 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

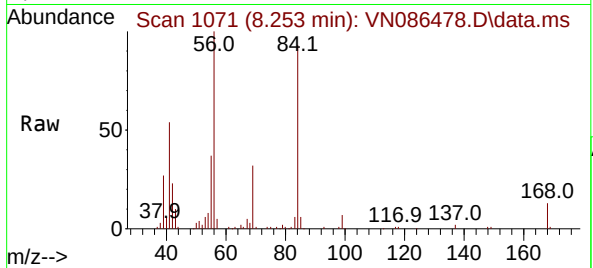
Tgt Ion: 83 Resp: 201773
Ion Ratio Lower Upper
83 100
85 66.0 51.5 77.3





#31
Cyclohexane
Concen: 42.503 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

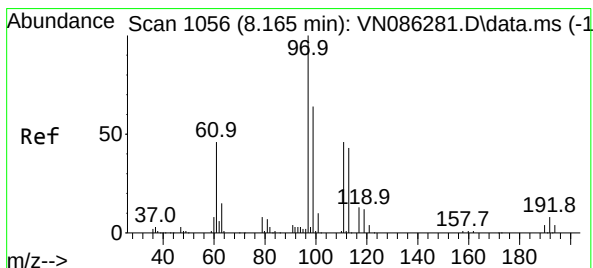
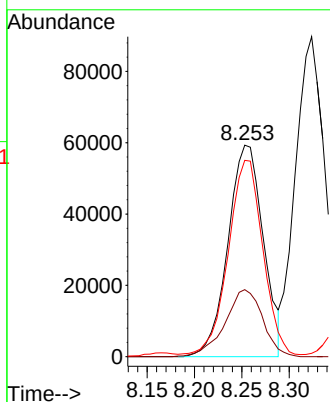
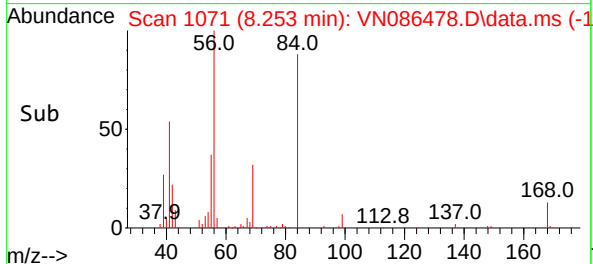
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



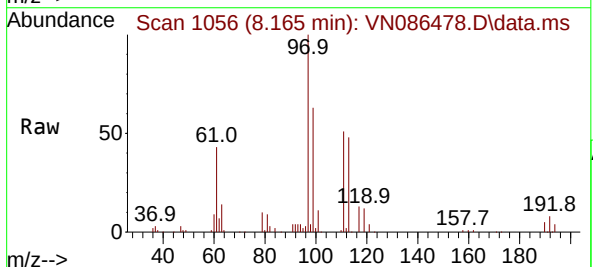
Tgt Ion: 56 Resp: 154302
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.2
84 91.7 70.3 105.5

Manual Integrations
APPROVED

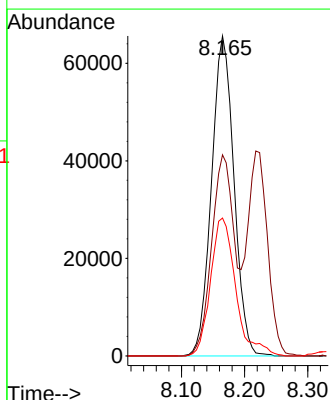
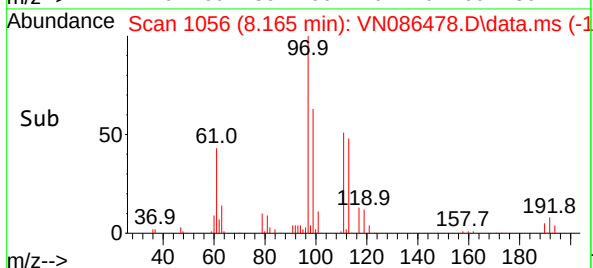
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

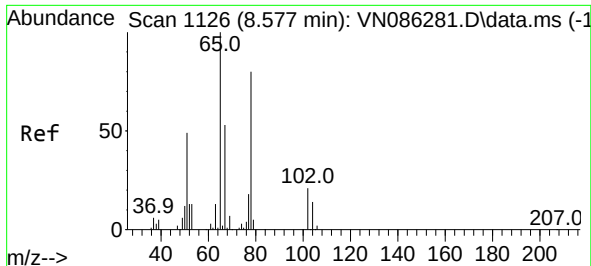


#32
1,1,1-Trichloroethane
Concen: 51.955 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion: 97 Resp: 161979
Ion Ratio Lower Upper
97 100
99 64.4 52.7 79.1
61 48.5 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 56.310 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 12614

Ion Ratio Lower Upper

65 100

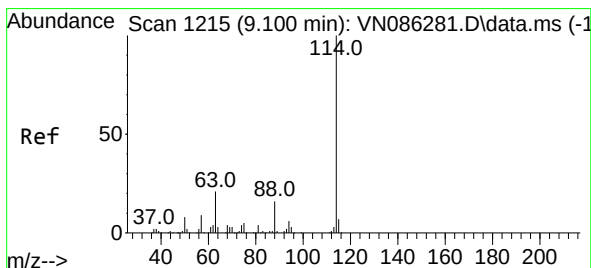
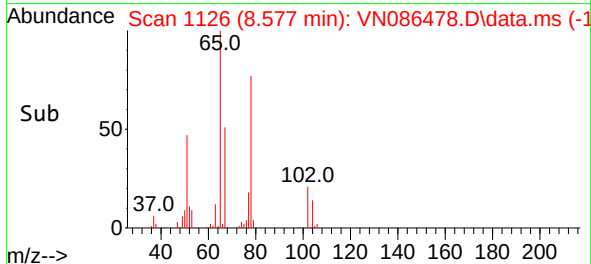
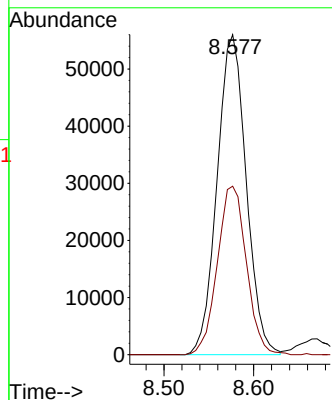
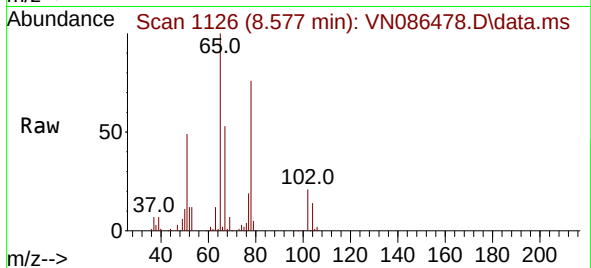
67 52.6 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

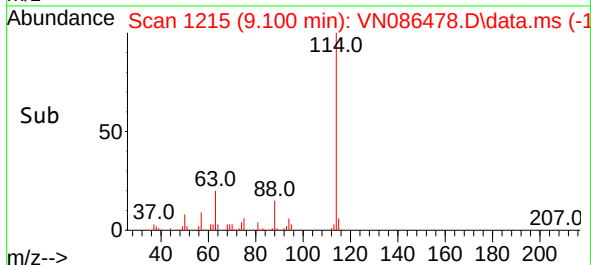
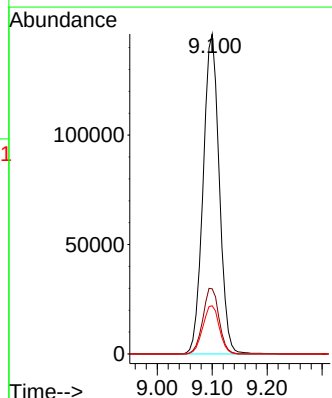
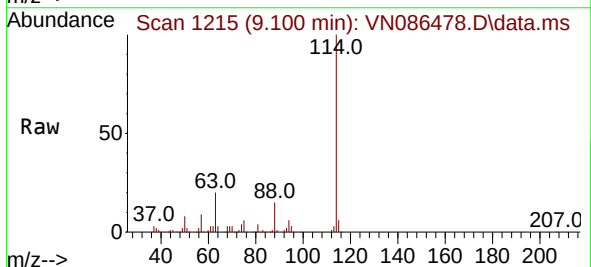
Tgt Ion:114 Resp: 297307

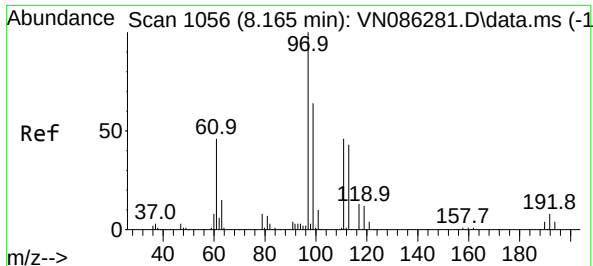
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 56.788 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

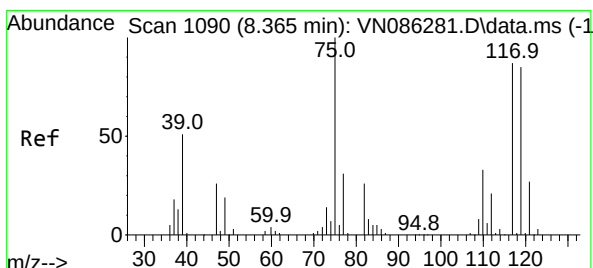
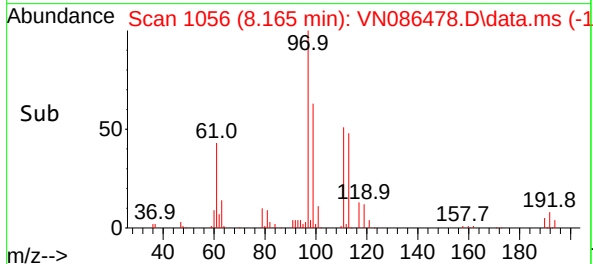
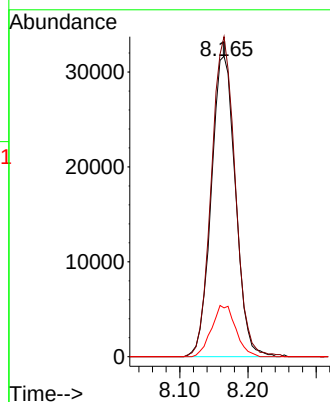
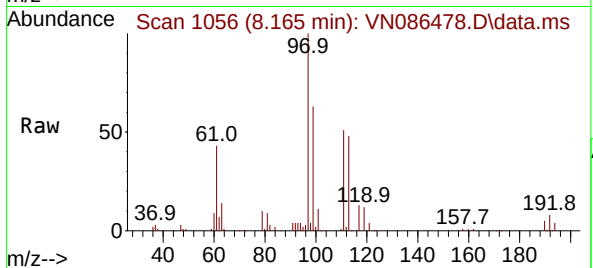
Tgt Ion:	113	Resp:	7835
Ion Ratio	Lower	Upper	
113	100		
111	104.6	83.4	125.0
192	17.0	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#36

1,1-Dichloropropene

Concen: 48.061 ug/l

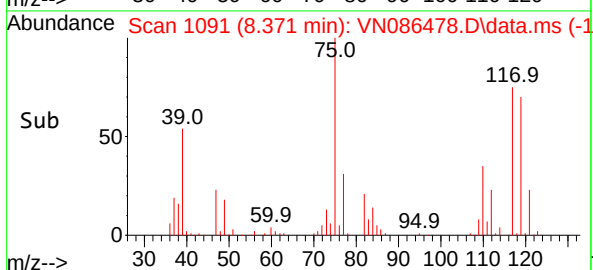
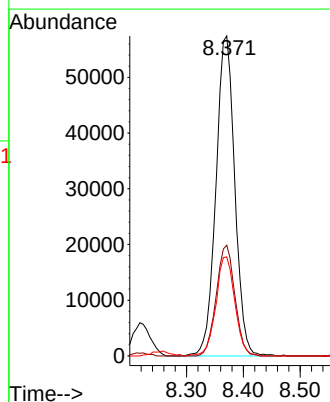
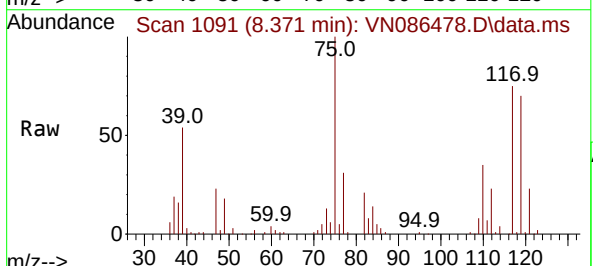
RT: 8.371 min Scan# 1091

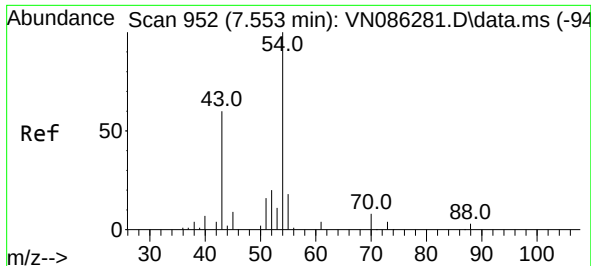
Delta R.T. 0.006 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Tgt Ion:	75	Resp:	132456
Ion Ratio	Lower	Upper	
75	100		
110	34.1	16.8	50.4
77	31.2	24.9	37.3





#37

Ethyl Acetate

Concen: 49.894 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 144768

Ion Ratio Lower Upper

43 100

61 14.0 11.1 16.7

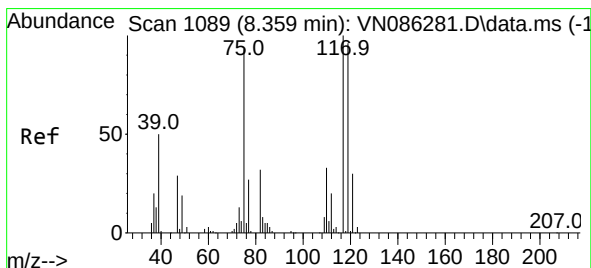
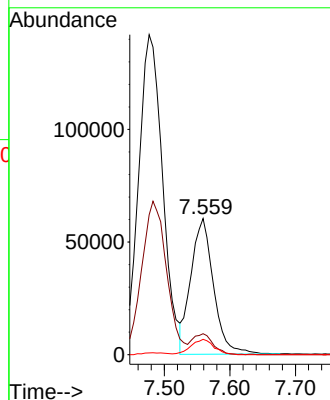
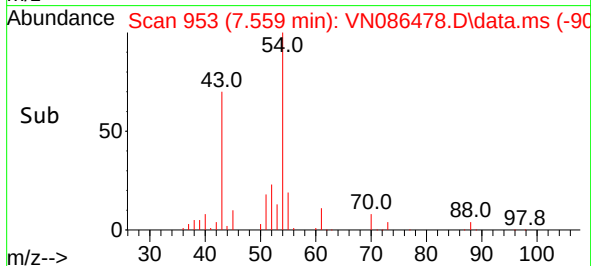
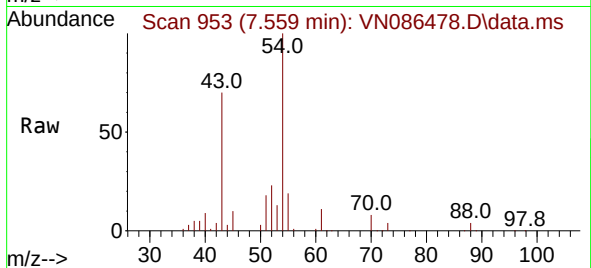
70 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#38

Carbon Tetrachloride

Concen: 50.096 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

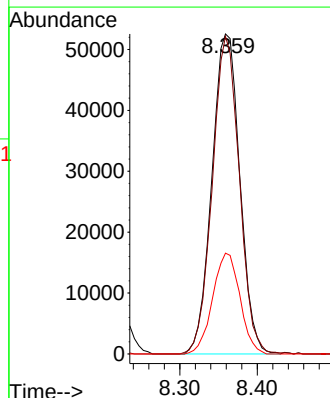
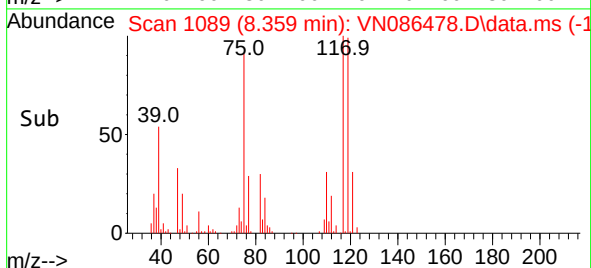
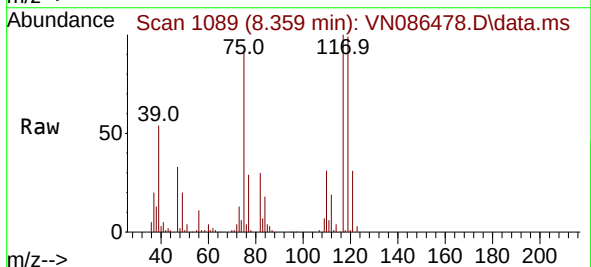
Tgt Ion:117 Resp: 131483

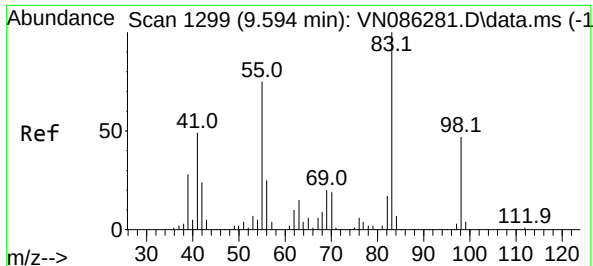
Ion Ratio Lower Upper

117 100

119 99.2 76.8 115.2

121 31.5 23.8 35.8





#39

Methylcyclohexane

Concen: 44.650 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 14626

Ion Ratio Lower Upper

83 100

55 73.5 59.8 89.8

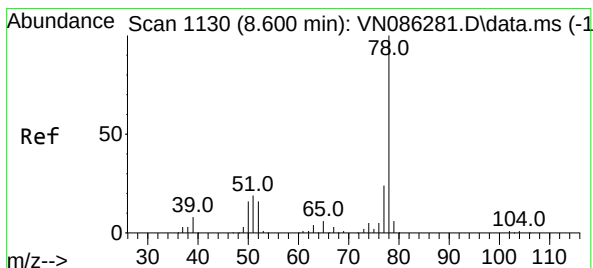
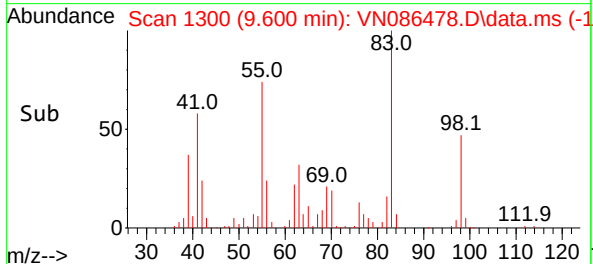
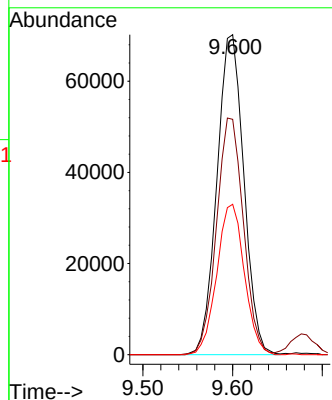
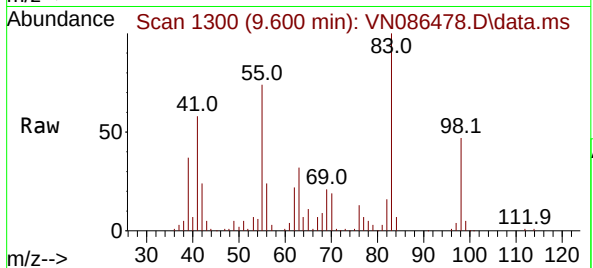
98 47.0 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#40

Benzene

Concen: 51.877 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086478.D

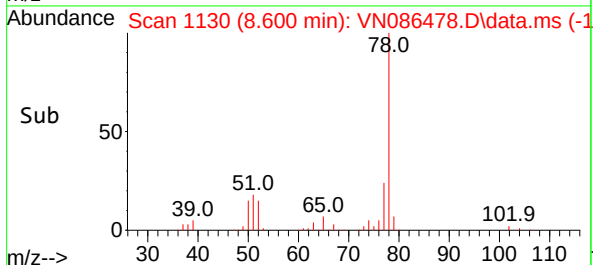
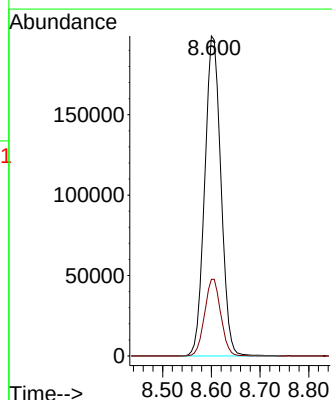
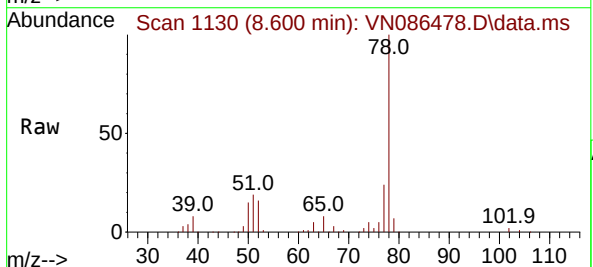
Acq: 05 May 2025 11:32

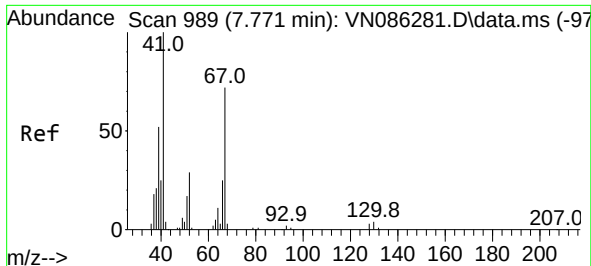
Tgt Ion: 78 Resp: 458081

Ion Ratio Lower Upper

78 100

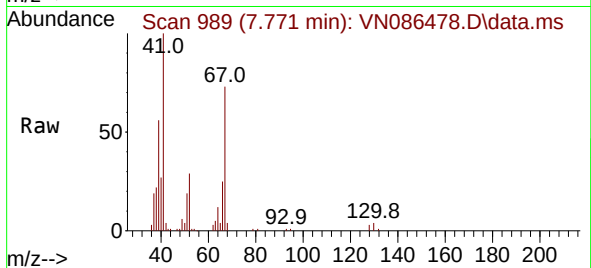
77 23.9 19.4 29.2





#41
Methacrylonitrile
Concen: 52.024 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

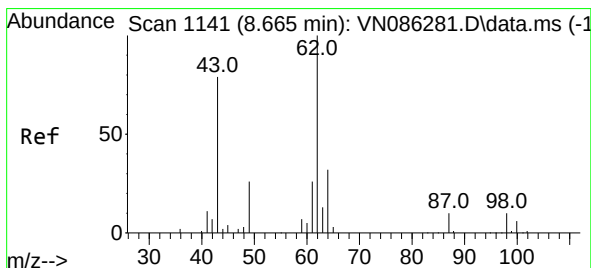
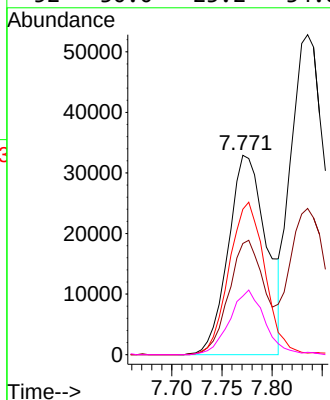
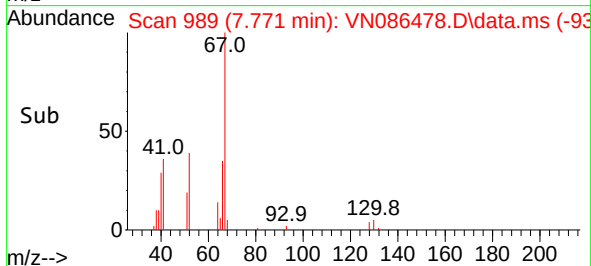
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 87486
Ion Ratio Lower Upper
41 100
39 52.2 43.0 64.4
67 72.3 58.8 88.2
52 30.0 23.2 34.8

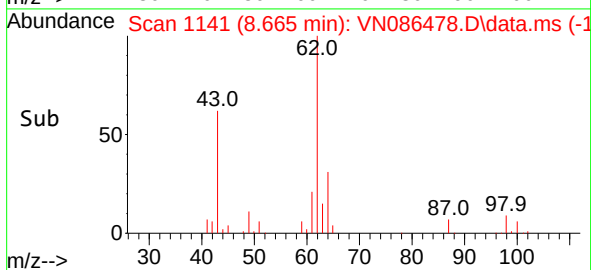
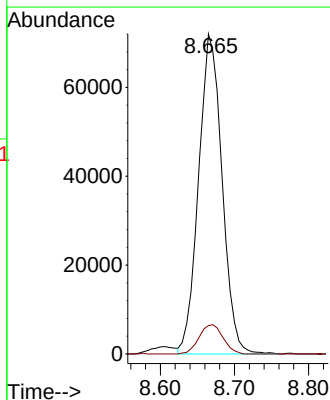
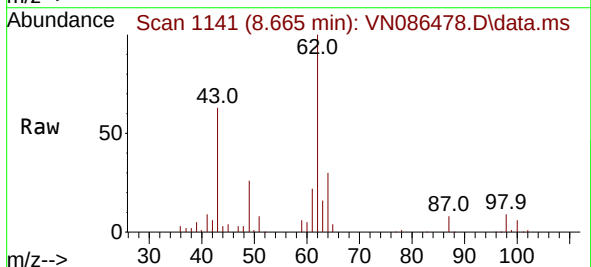
Manual Integrations
APPROVED

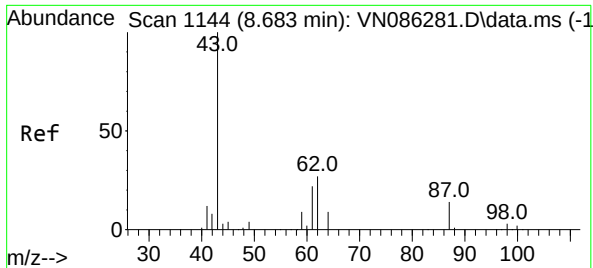
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#42
1,2-Dichloroethane
Concen: 56.287 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 62 Resp: 158498
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





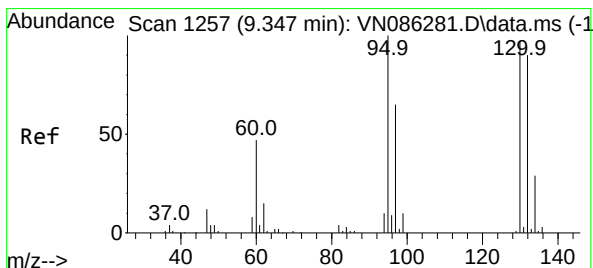
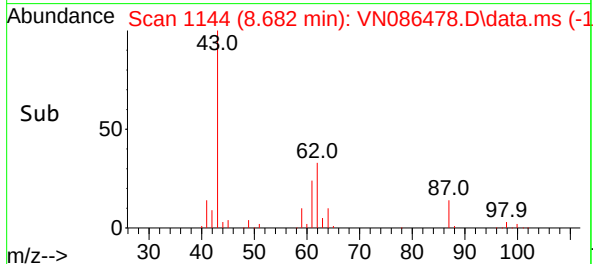
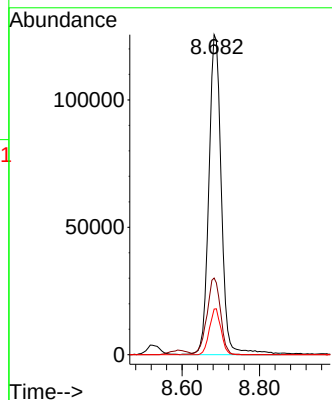
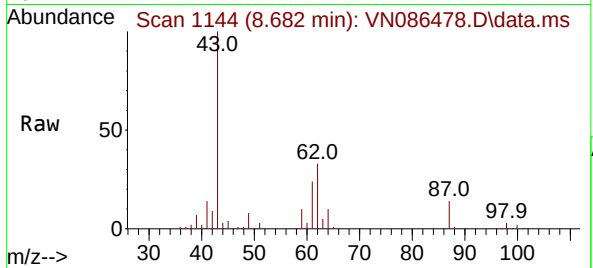
#43
Isopropyl Acetate
Concen: 54.566 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28161
Ion Ratio Lower Upper
43 100
61 25.8 20.5 30.7
87 13.2 10.5 15.7

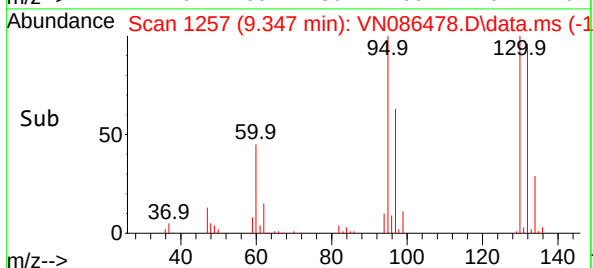
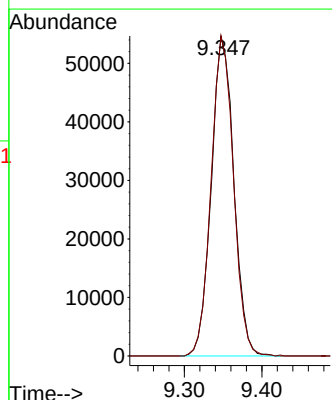
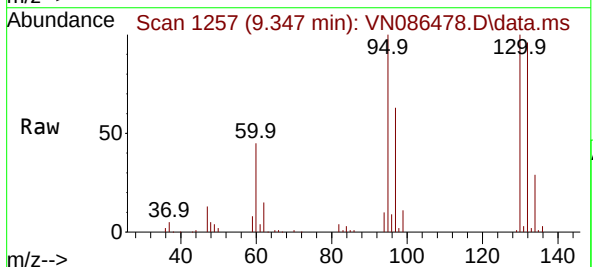
Manual Integrations
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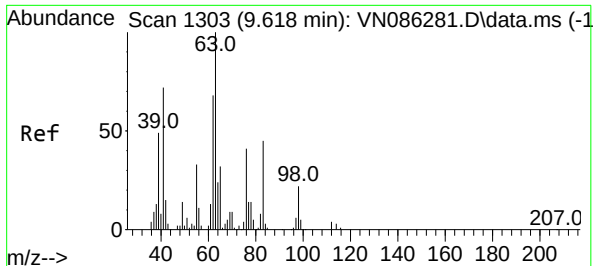
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#44
Trichloroethene
Concen: 52.792 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:130 Resp: 110489
Ion Ratio Lower Upper
130 100
95 100.1 0.0 207.2





#45

1,2-Dichloropropane

Concen: 52.519 ug/l

RT: 9.618 min Scan# 113518

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 113518

Ion Ratio Lower Upper

63 100

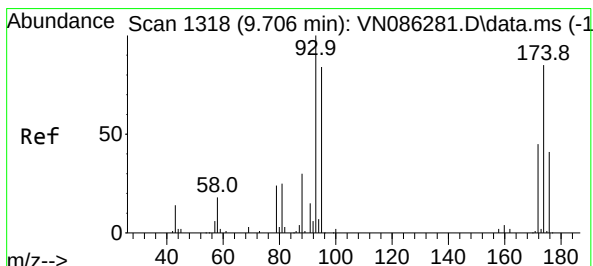
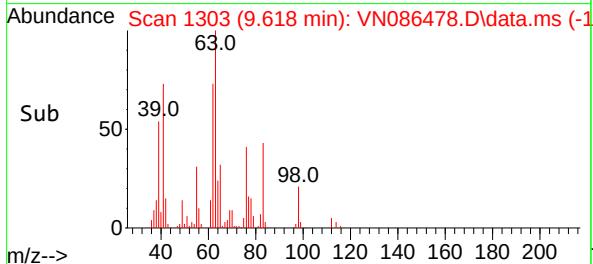
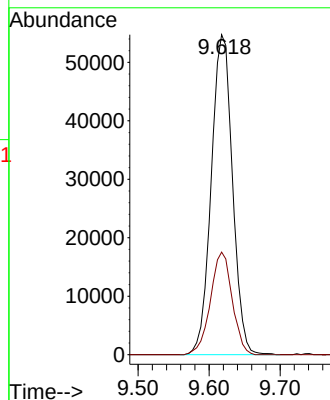
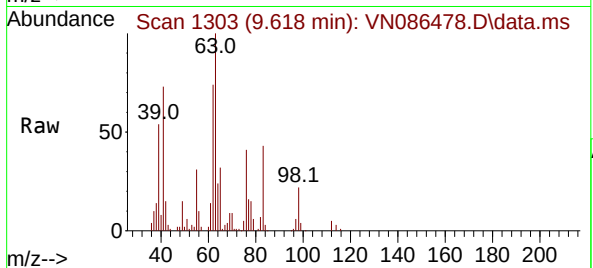
65 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#46

Dibromomethane

Concen: 58.582 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

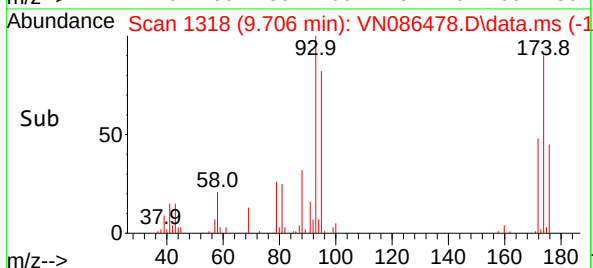
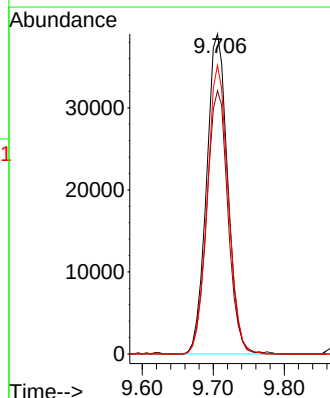
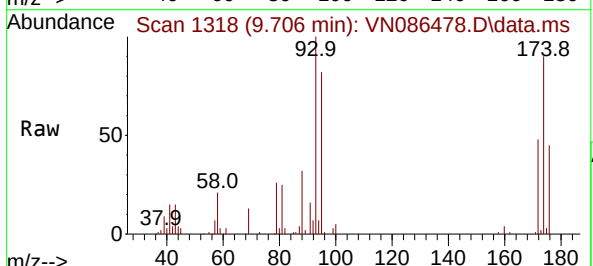
Tgt Ion: 93 Resp: 80677

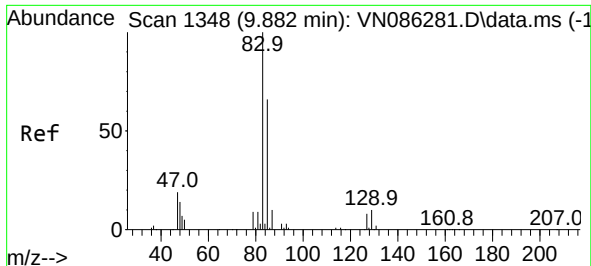
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

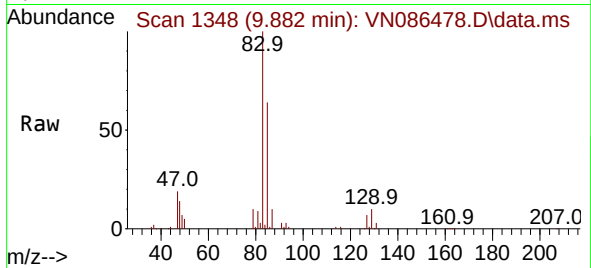
174 89.5 67.8 101.6





#47
Bromodichloromethane
Concen: 55.865 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

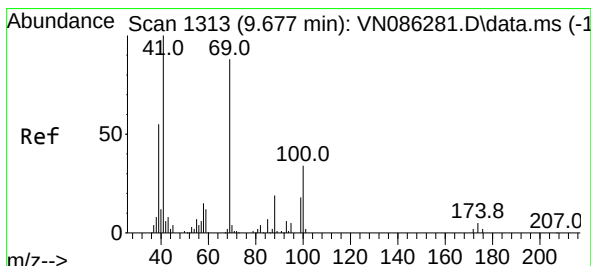
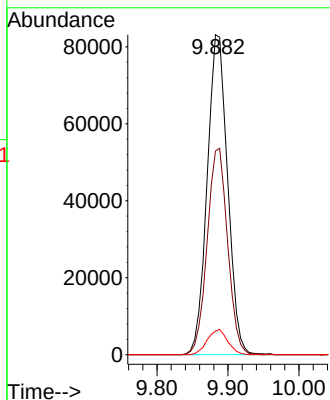
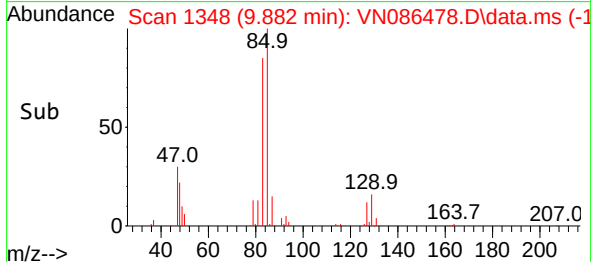
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



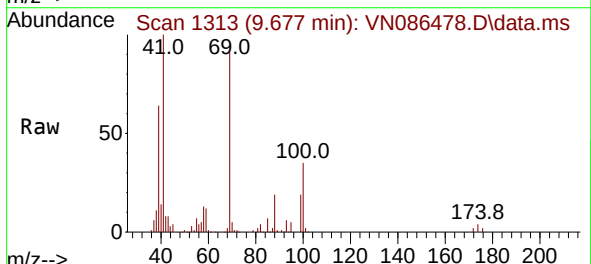
Tgt Ion: 83 Resp: 16616
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8
127 7.4 6.1 9.1

Manual Integrations
APPROVED

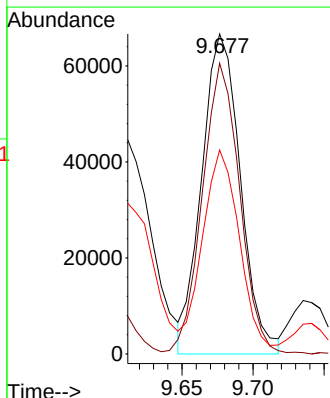
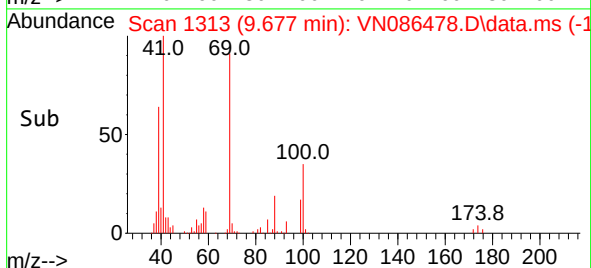
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

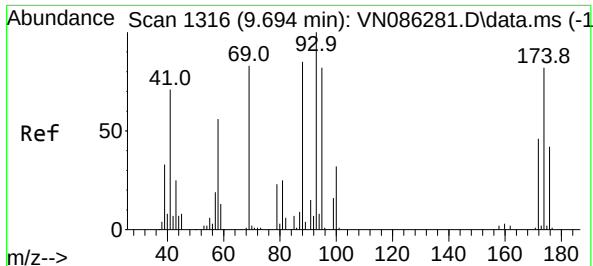


#48
Methyl methacrylate
Concen: 49.669 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion: 41 Resp: 126557
Ion Ratio Lower Upper
41 100
69 87.8 68.2 102.2
39 61.3 45.2 67.8





#49

1,4-Dioxane

Concen: 1080.631 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

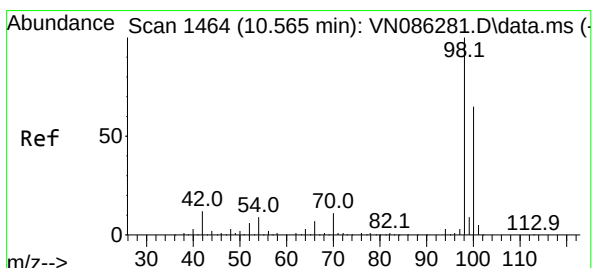
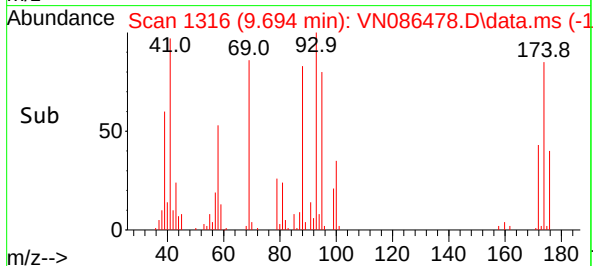
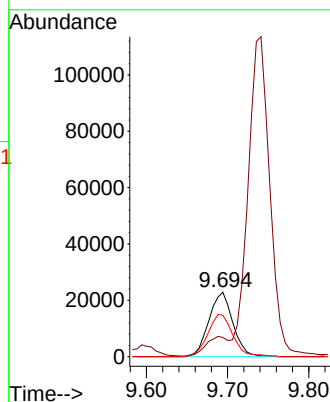
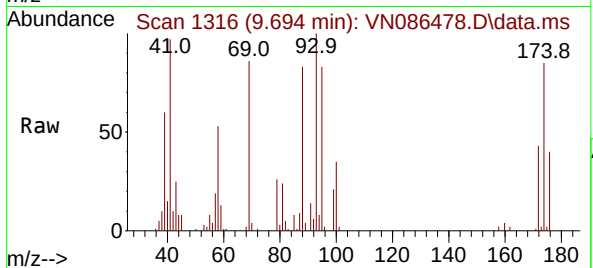
Tgt Ion: 88 Resp: 46830
 Ion Ratio Lower Upper
 88 100
 43 26.9 23.8 35.8
 58 68.6 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#50

Toluene-d8

Concen: 51.589 ug/l

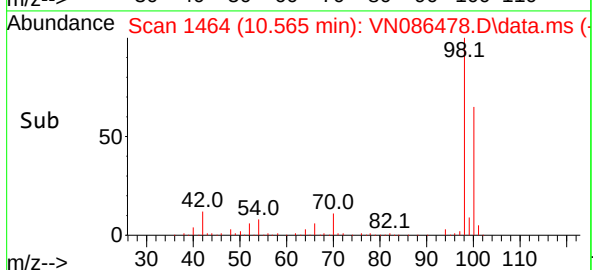
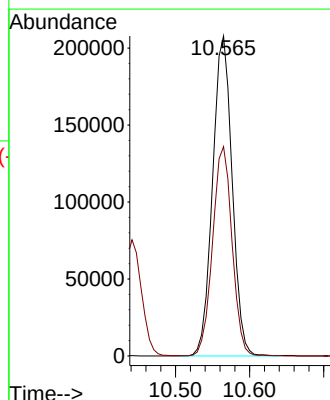
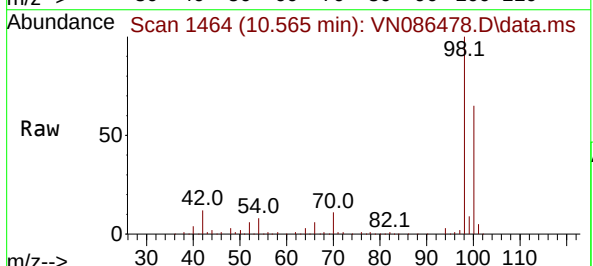
RT: 10.565 min Scan# 1464

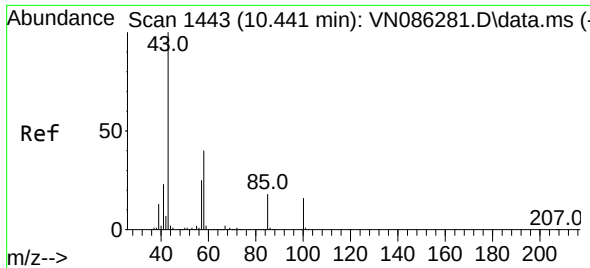
Delta R.T. -0.000 min

Lab File: VN086478.D

Acq: 05 May 2025 11:32

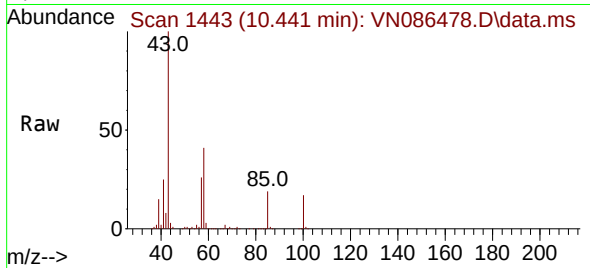
Tgt Ion: 98 Resp: 380448
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 263.592 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

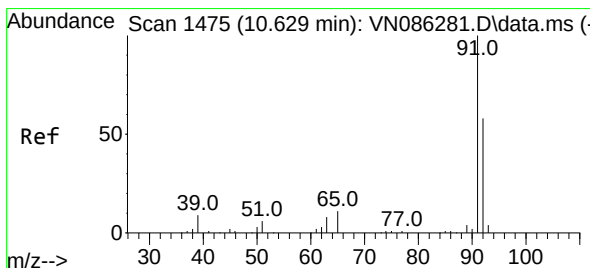
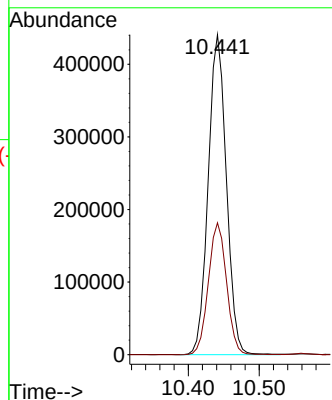
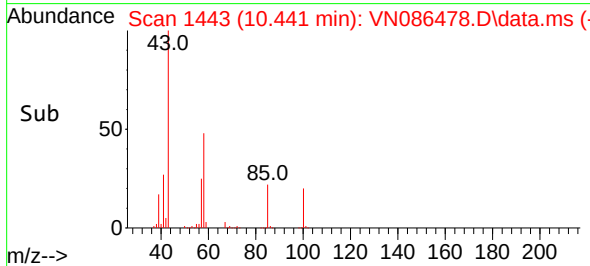
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



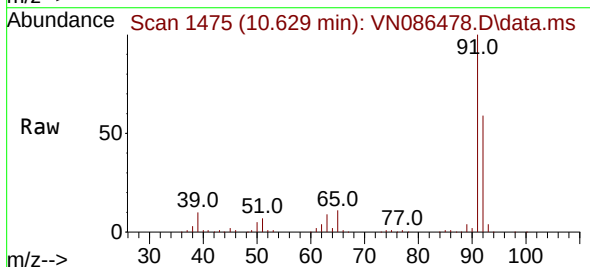
Tgt Ion: 43 Resp: 783175
Ion Ratio Lower Upper
43 100
58 41.3 32.2 48.4

Manual Integrations
APPROVED

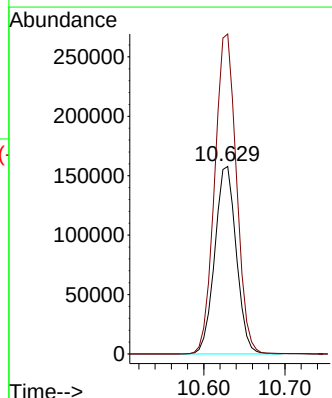
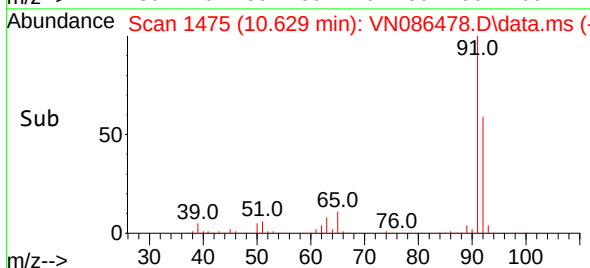
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

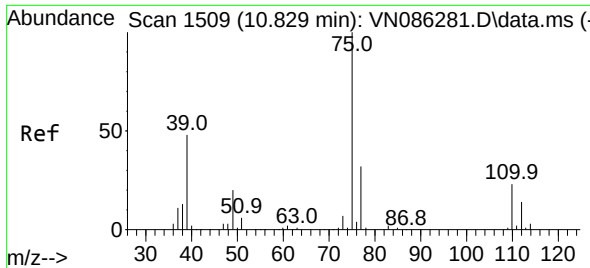


#52
Toluene
Concen: 52.807 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



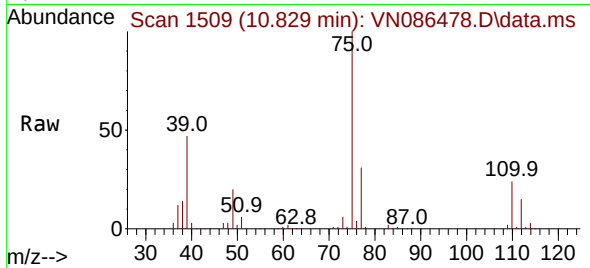
Tgt Ion: 92 Resp: 290954
Ion Ratio Lower Upper
92 100
91 172.6 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 56.106 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

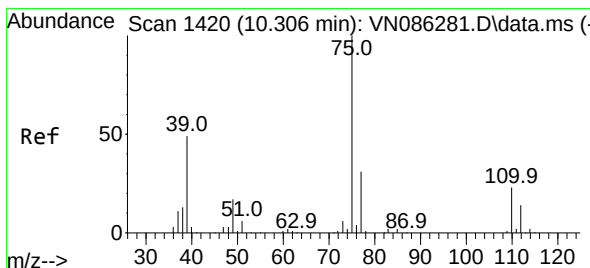
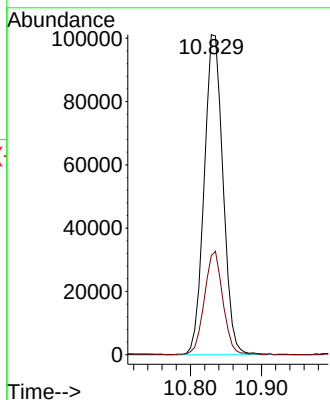
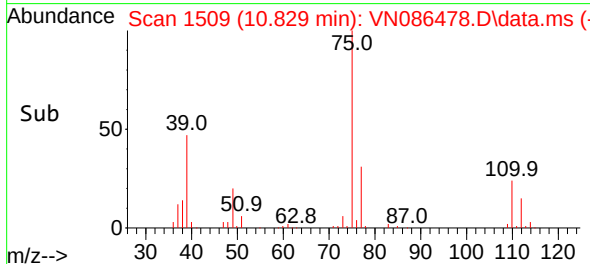
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



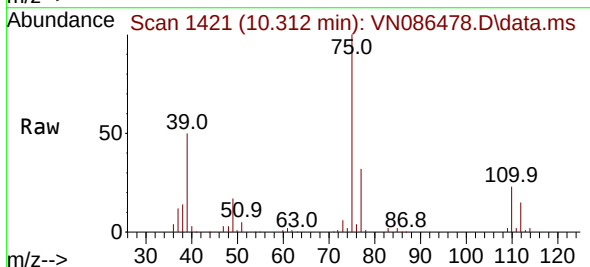
Tgt Ion: 75 Resp: 186288
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0

Manual Integrations
 APPROVED

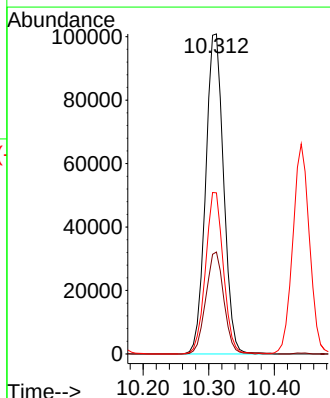
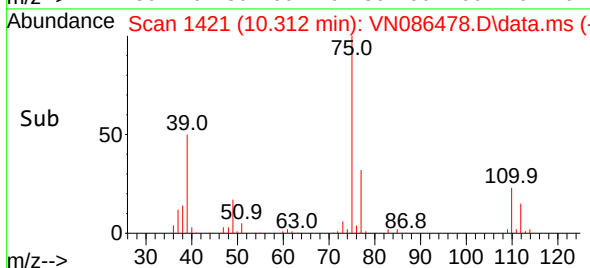
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

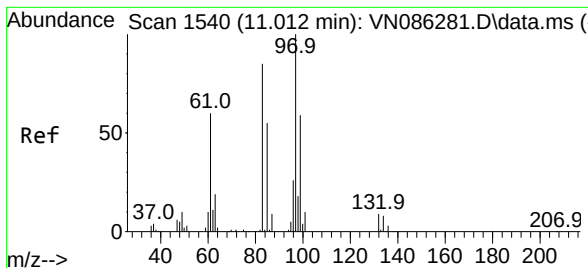


#54
 cis-1,3-Dichloropropene
 Concen: 52.796 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32



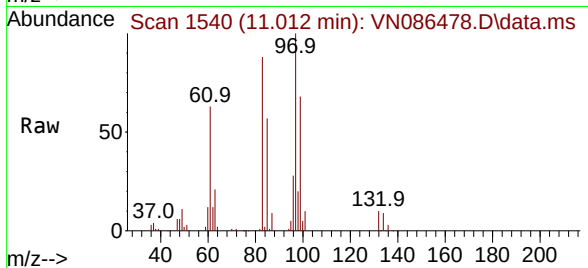
Tgt Ion: 75 Resp: 192540
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8
 39 50.3 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 57.253 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

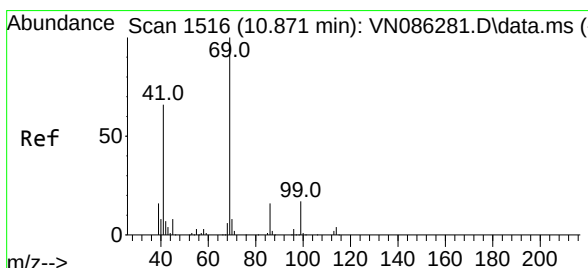
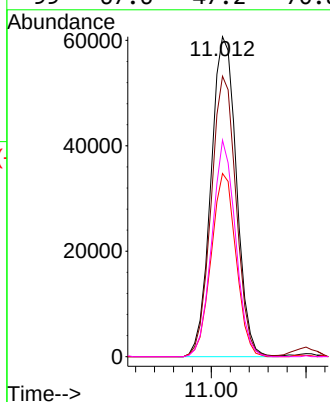
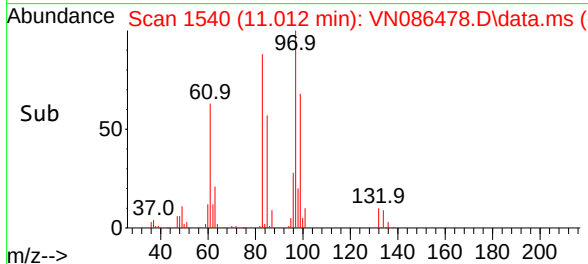
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



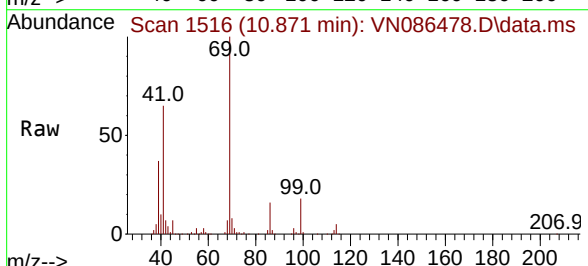
Tgt Ion:	97	Resp:	113490
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.4	102.6
85	57.2	43.9	65.9
99	67.6	47.2	70.8

Manual Integrations
APPROVED

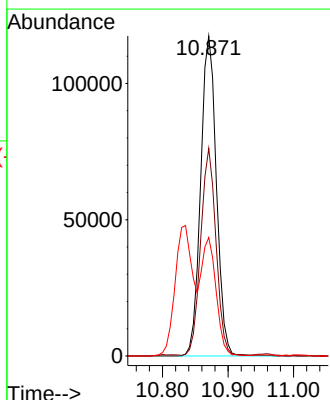
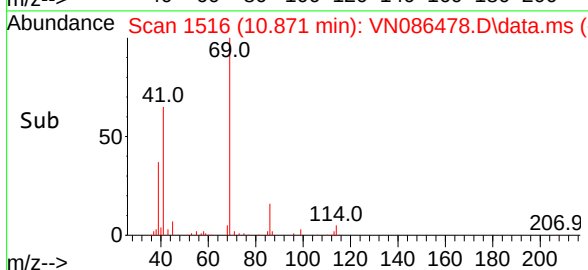
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

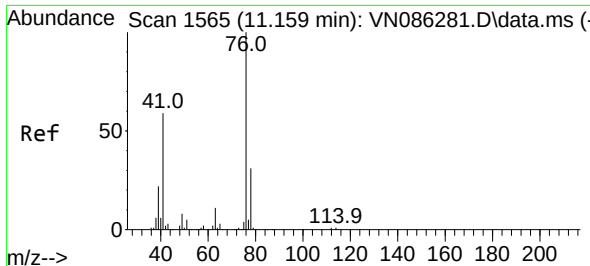


#56
Ethyl methacrylate
Concen: 53.899 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



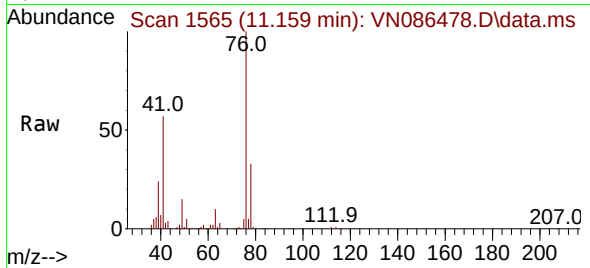
Tgt Ion:	69	Resp:	196399
Ion	Ratio	Lower	Upper
69	100		
41	62.8	51.7	77.5
39	34.1	26.3	39.5





#57
1,3-Dichloropropane
Concen: 56.016 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

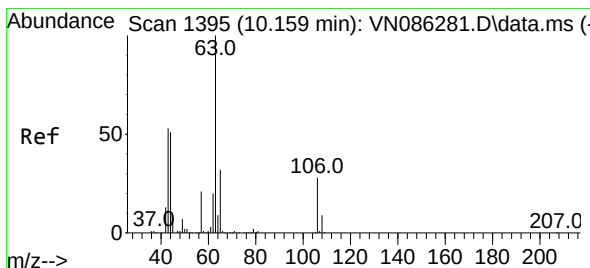
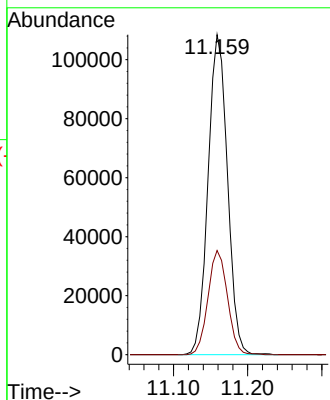
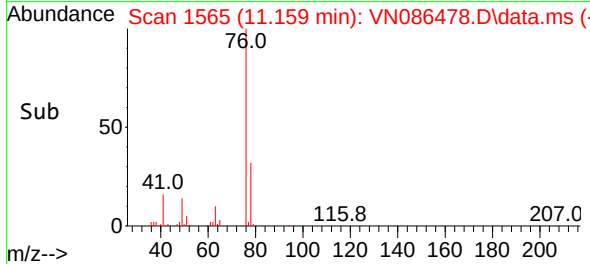
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 197019
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4

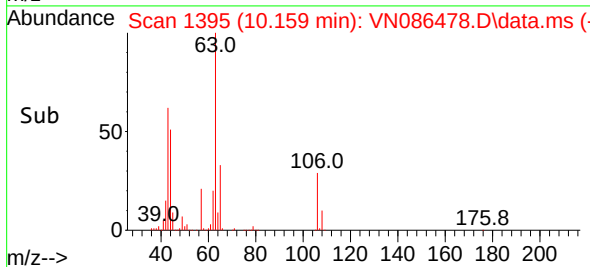
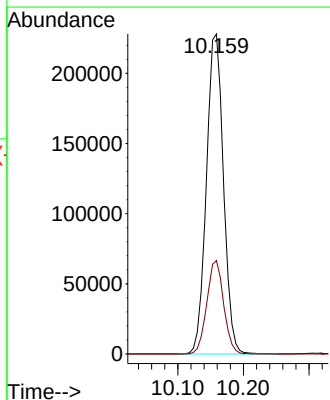
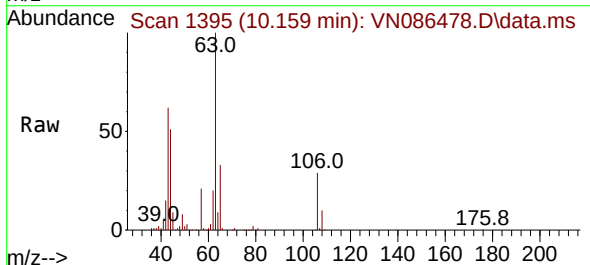
Manual Integrations
APPROVED

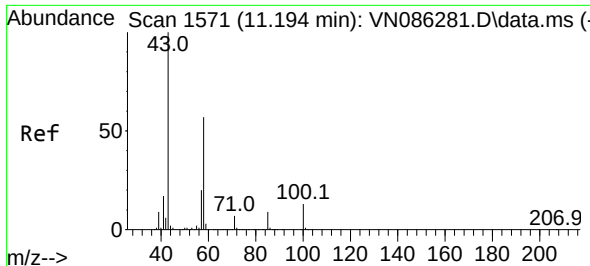
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 238.408 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

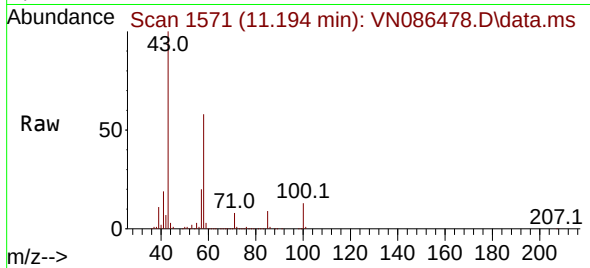
Tgt Ion: 63 Resp: 412328
Ion Ratio Lower Upper
63 100
106 28.8 22.2 33.2





#59
2-Hexanone
Concen: 261.423 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

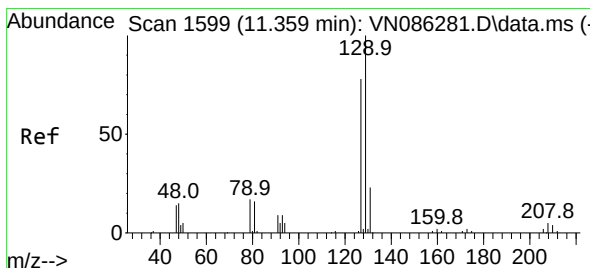
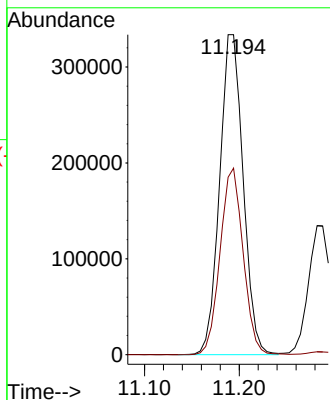
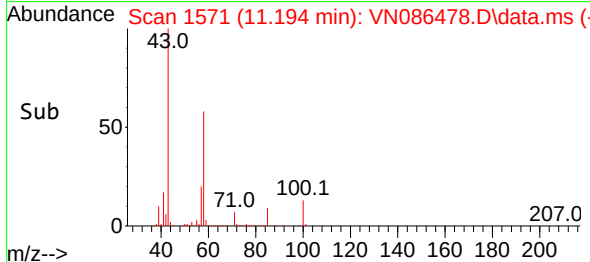
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



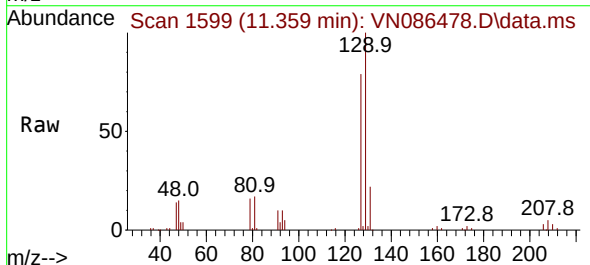
Tgt Ion: 43 Resp: 57612
Ion Ratio Lower Upper
43 100
58 57.1 28.3 85.0

Manual Integrations
APPROVED

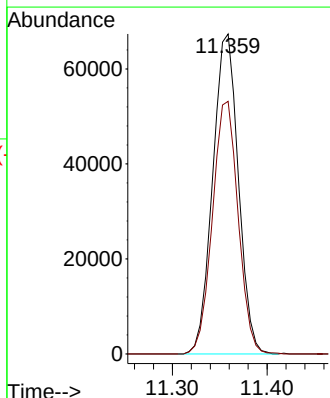
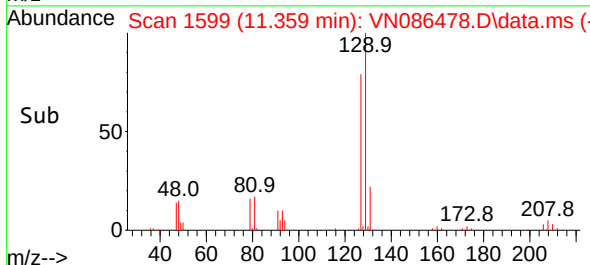
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

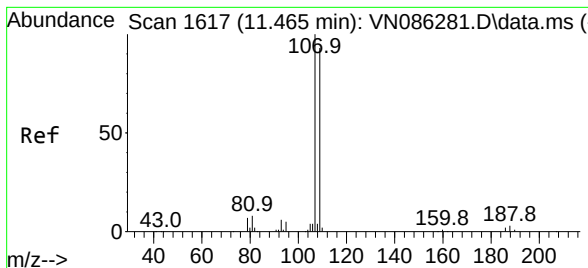


#60
Dibromochloromethane
Concen: 58.161 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion:129 Resp: 126605
Ion Ratio Lower Upper
129 100
127 79.1 38.7 116.1





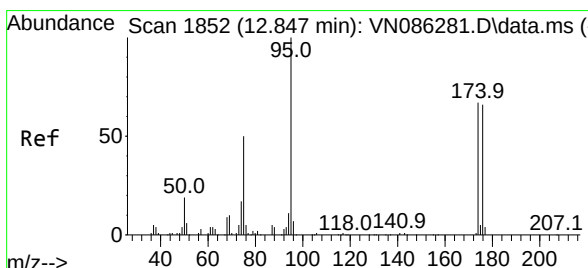
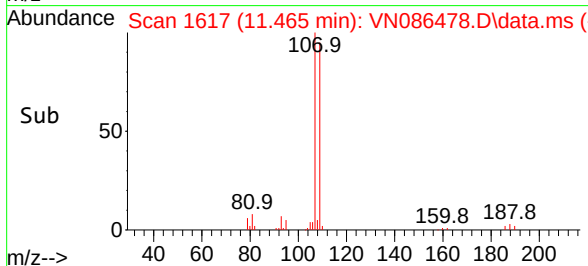
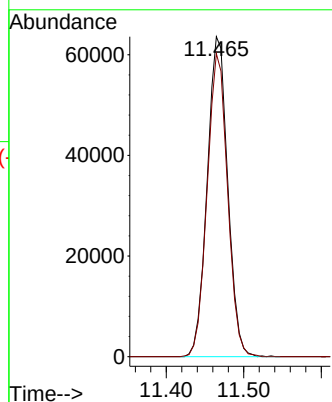
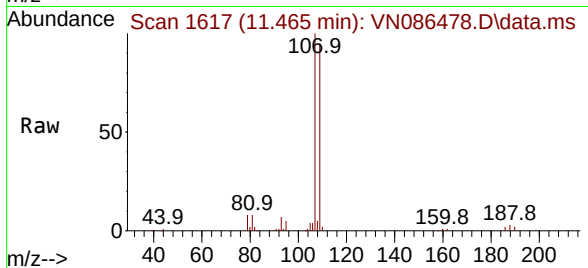
#61
1,2-Dibromoethane
Concen: 58.498 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 11701
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.0

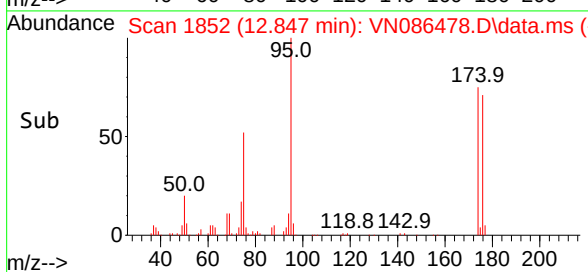
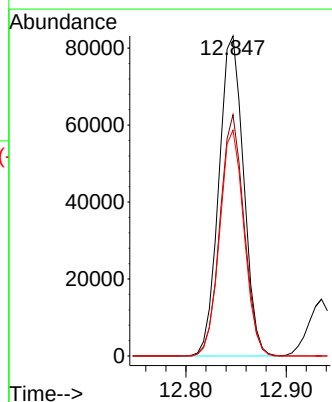
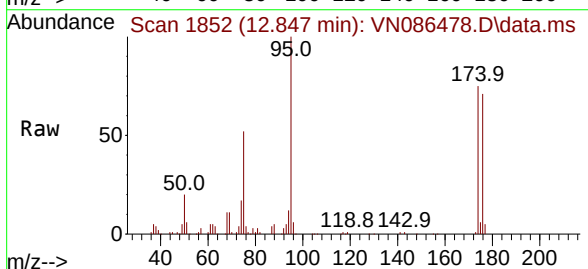
Manual Integrations
APPROVED

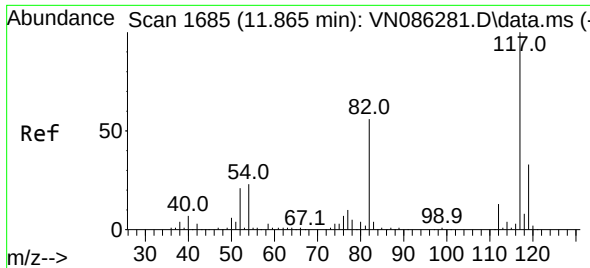
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#62
4-Bromofluorobenzene
Concen: 52.810 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

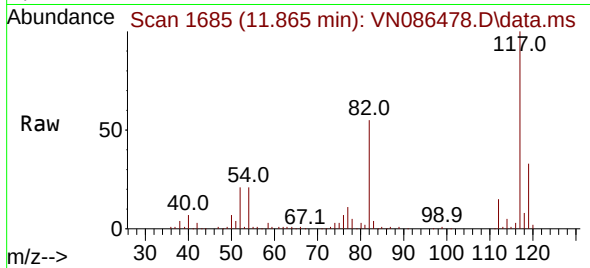
Tgt Ion: 95 Resp: 142048
Ion Ratio Lower Upper
95 100
174 73.2 0.0 133.4
176 69.7 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

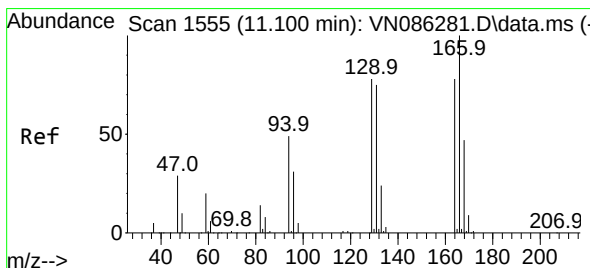
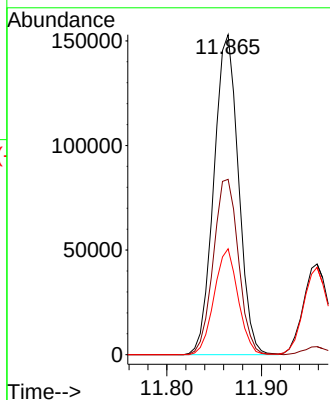
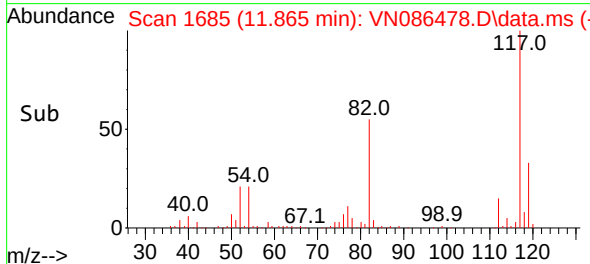
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 27641
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 33.1 26.4 39.6

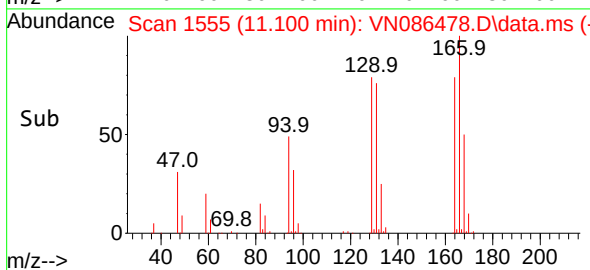
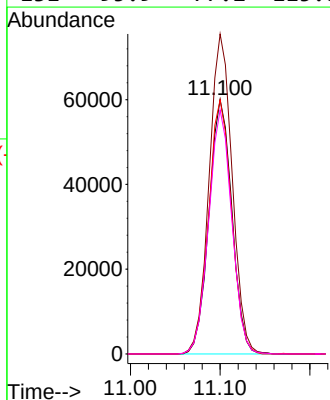
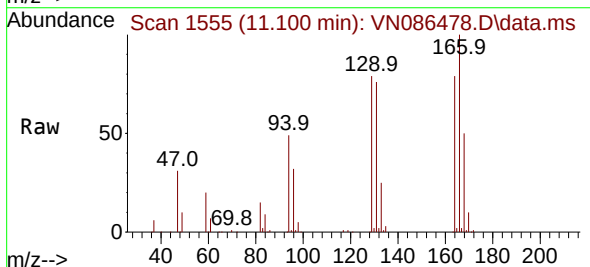
Manual Integrations
APPROVED

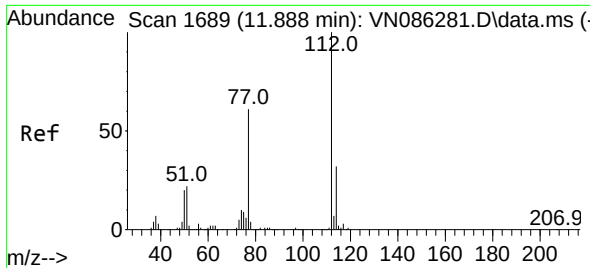
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#64
Tetrachloroethene
Concen: 50.118 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

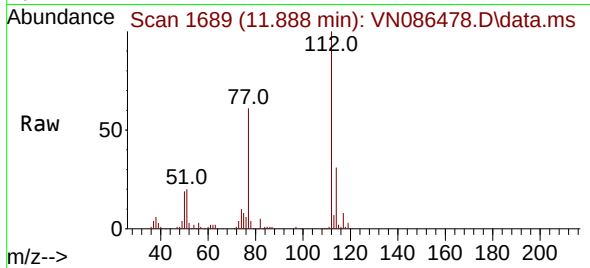
Tgt Ion:164 Resp: 106562
Ion Ratio Lower Upper
164 100
166 125.8 103.0 154.4
129 100.0 80.1 120.1
131 95.9 77.2 115.8





#65
Chlorobenzene
Concen: 52.576 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

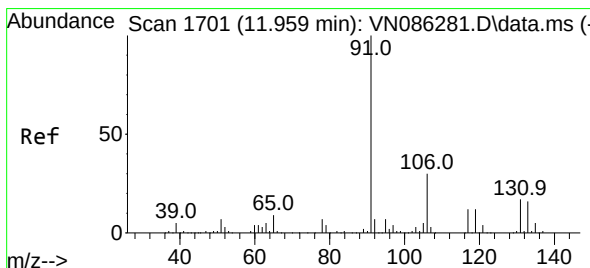
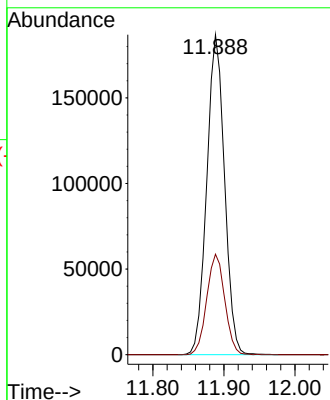
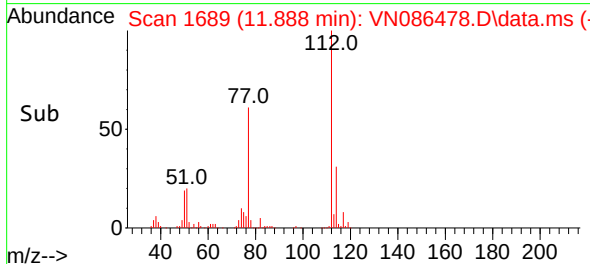
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



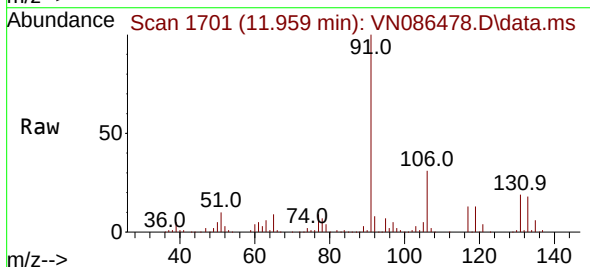
Tgt Ion:112 Resp: 32432
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

Manual Integrations
APPROVED

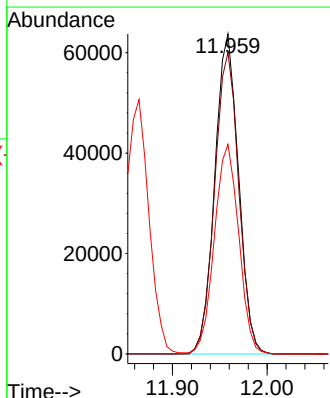
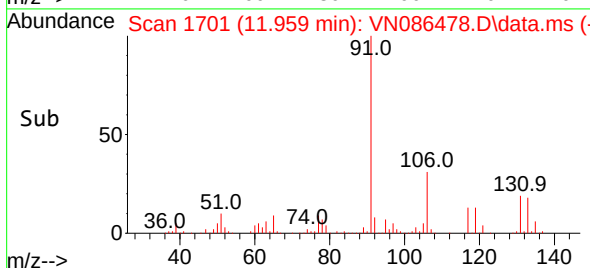
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

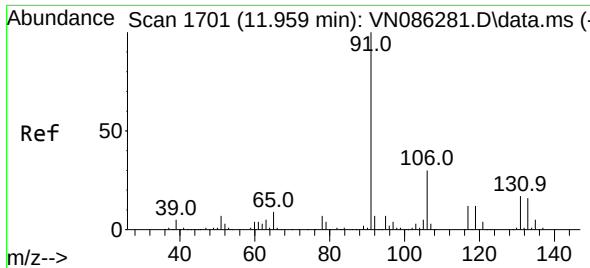


#66
1,1,1,2-Tetrachloroethane
Concen: 54.541 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion:131 Resp: 110992
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.3
119 67.3 33.8 101.4





#67
Ethyl Benzene
Concen: 49.637 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

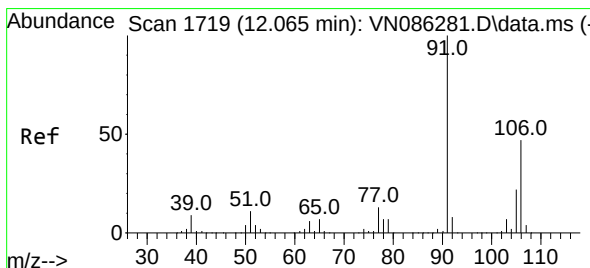
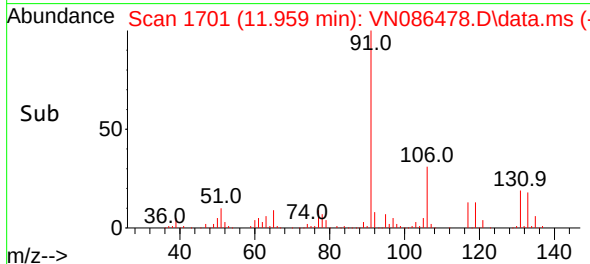
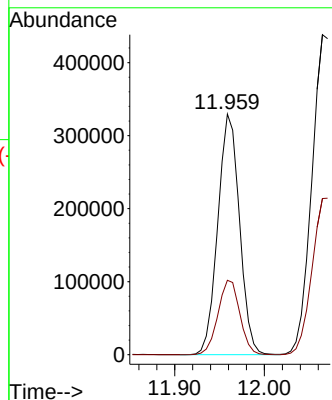
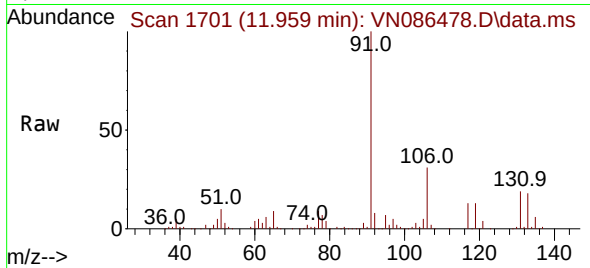
VSTDCCC050

Tgt Ion: 91 Resp: 55253
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5

Manual Integrations

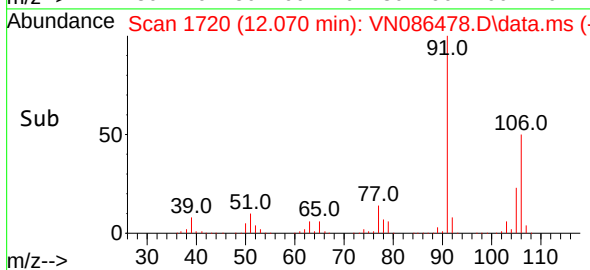
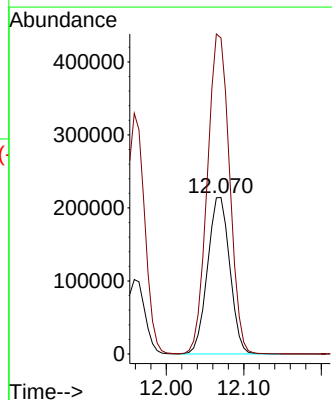
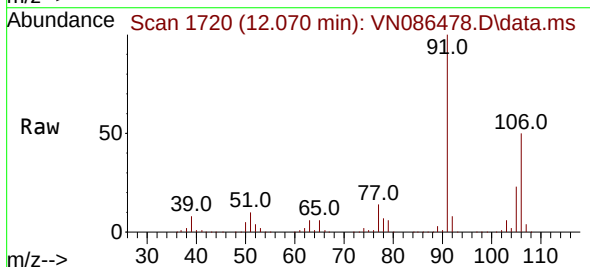
APPROVED

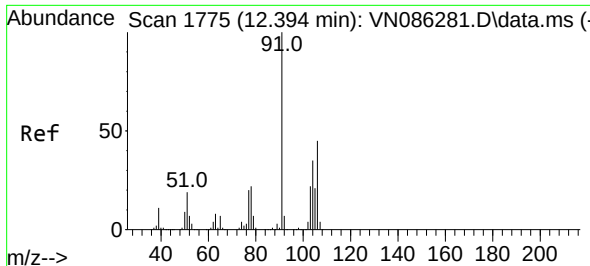
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#68
m/p-Xylenes
Concen: 102.350 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

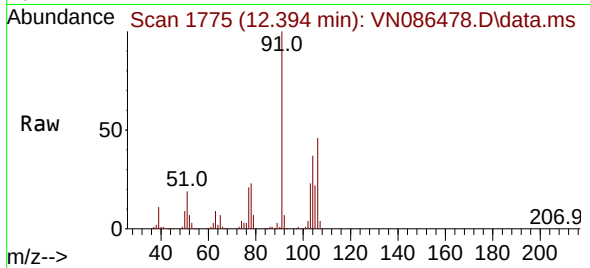
Tgt Ion:106 Resp: 426898
Ion Ratio Lower Upper
106 100
91 204.6 166.5 249.7





#69
o-Xylene
Concen: 51.383 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

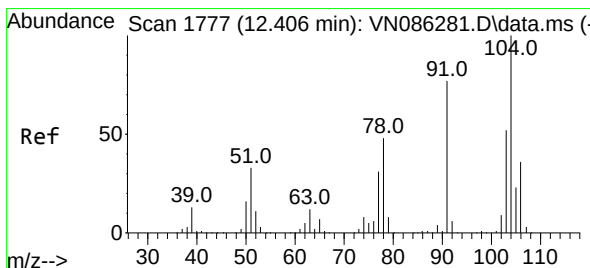
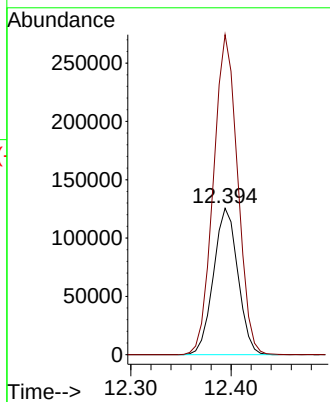
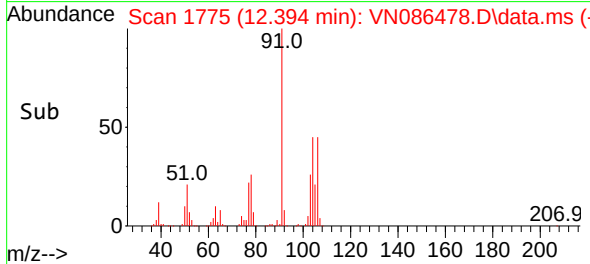
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 211945
Ion Ratio Lower Upper
106 100
91 217.4 109.7 329.0

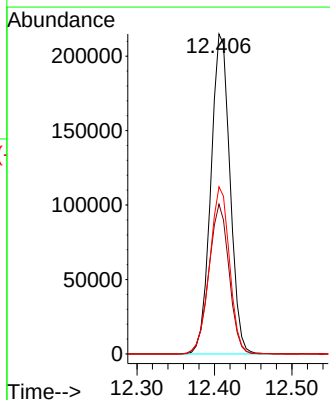
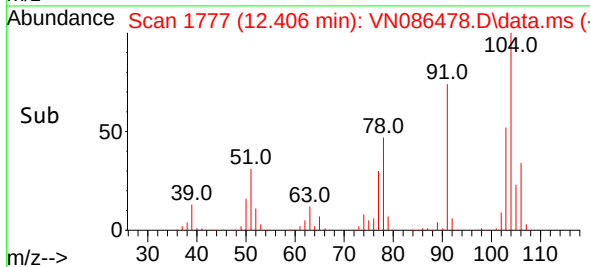
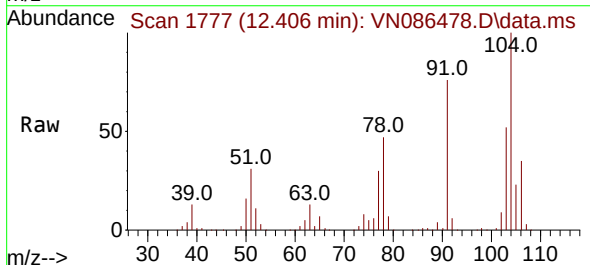
Manual Integrations
APPROVED

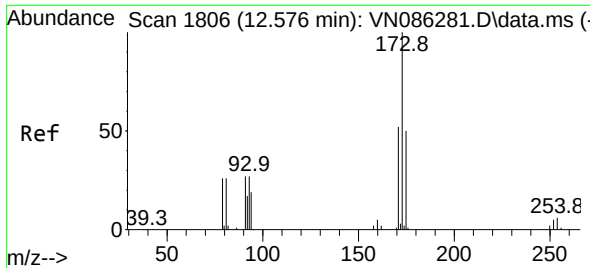
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#70
Styrene
Concen: 53.644 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

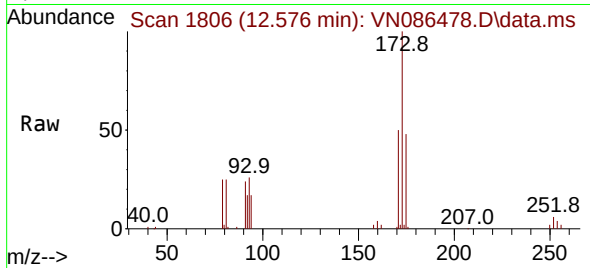
Tgt Ion:104 Resp: 368683
Ion Ratio Lower Upper
104 100
78 49.5 40.6 61.0
103 54.5 43.6 65.4





#71
Bromoform
Concen: 56.230 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

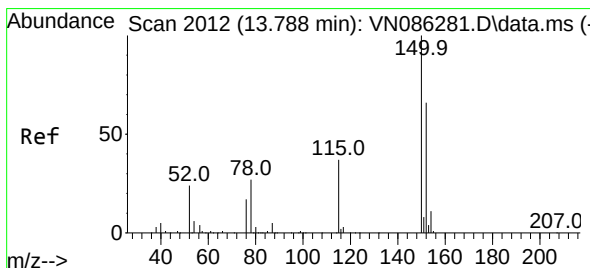
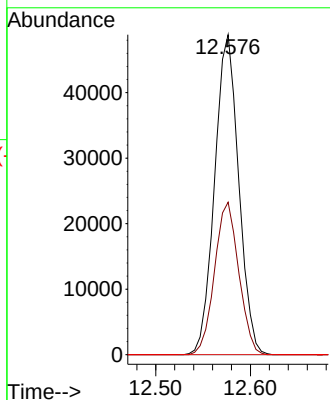
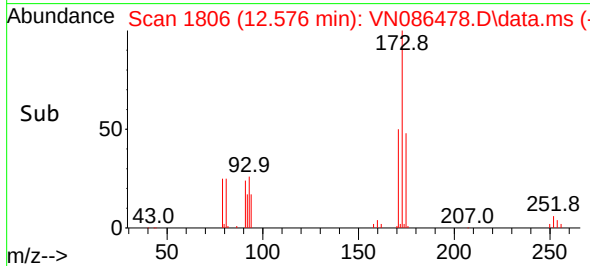
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



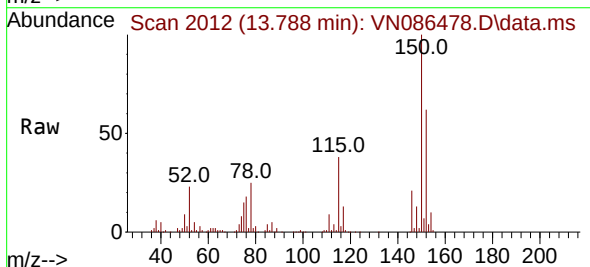
Tgt Ion:173 Resp: 86154
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

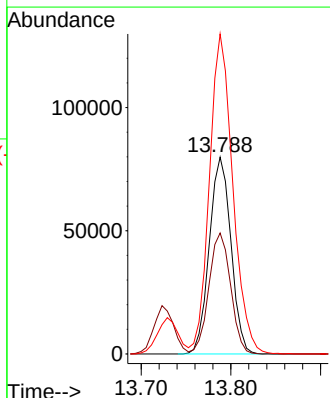
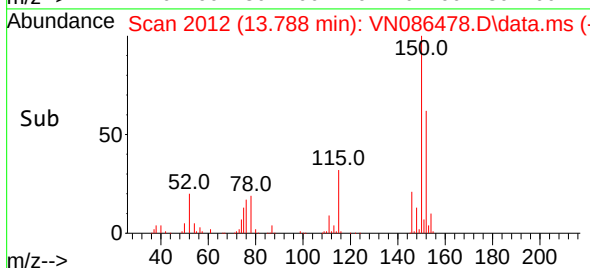
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

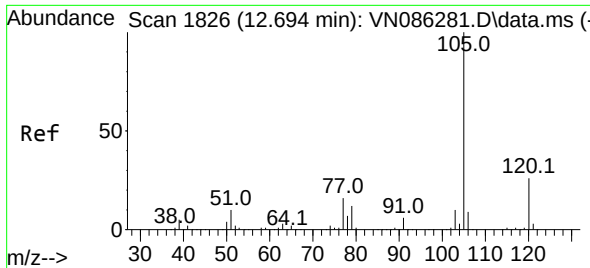


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion:152 Resp: 133852
Ion Ratio Lower Upper
152 100
115 61.6 31.9 95.9
150 175.5 0.0 352.0





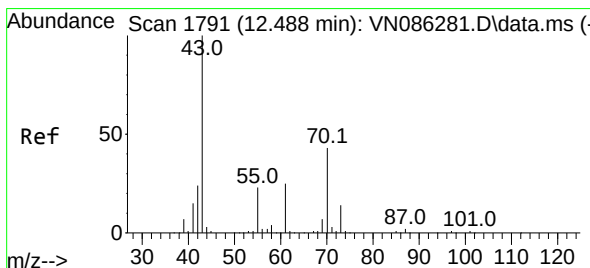
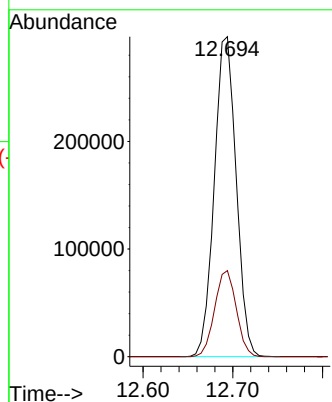
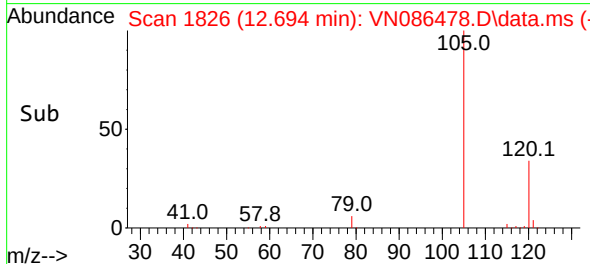
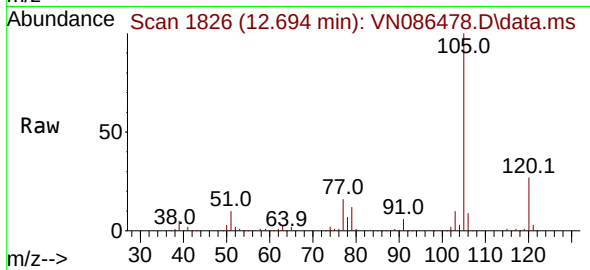
#73
Isopropylbenzene
Concen: 45.987 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 50353
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

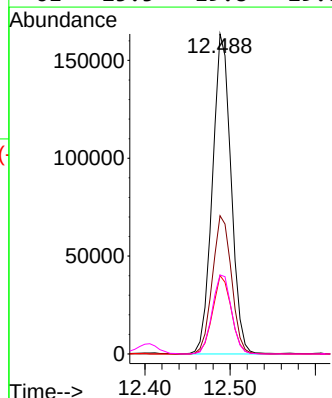
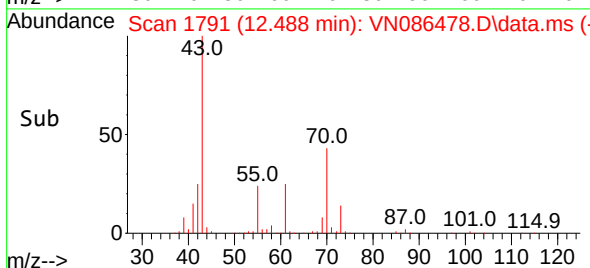
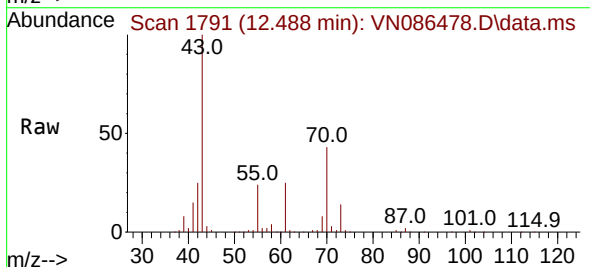
Manual Integrations
APPROVED

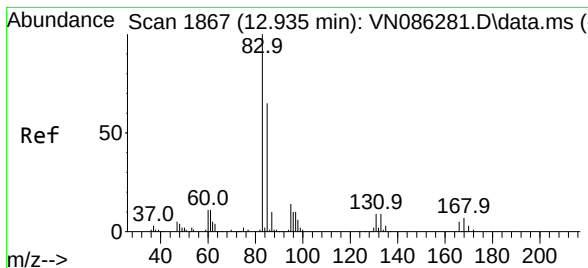
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#74
N-ethyl acetate
Concen: 45.503 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

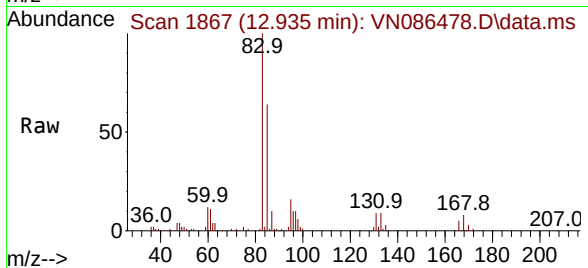
Tgt Ion: 43 Resp: 248033
Ion Ratio Lower Upper
43 100
70 44.3 35.0 52.4
55 24.6 19.0 28.4
61 25.5 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.472 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

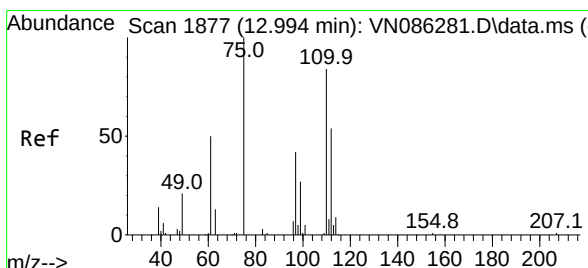
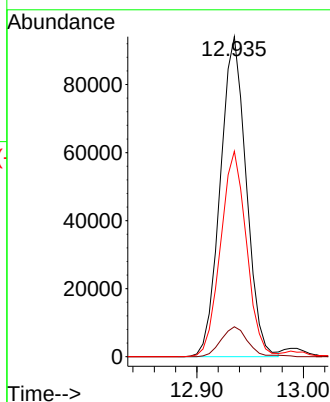
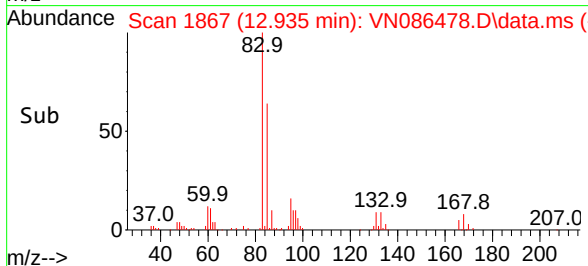
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



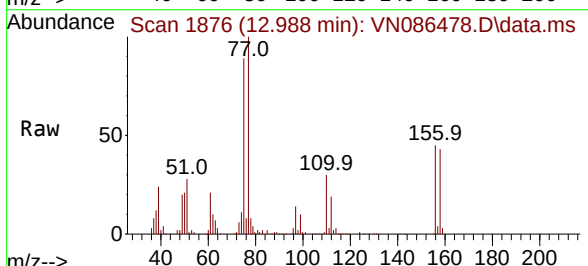
Tgt Ion: 83 Resp: 158899
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.2 32.7 98.1

Manual Integrations
APPROVED

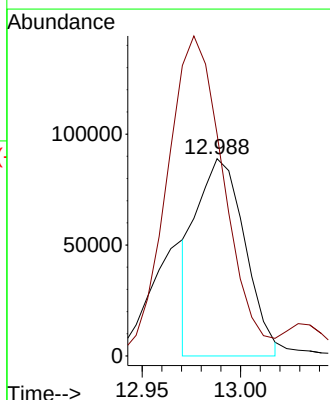
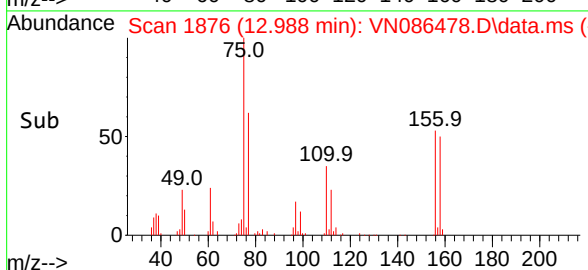
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

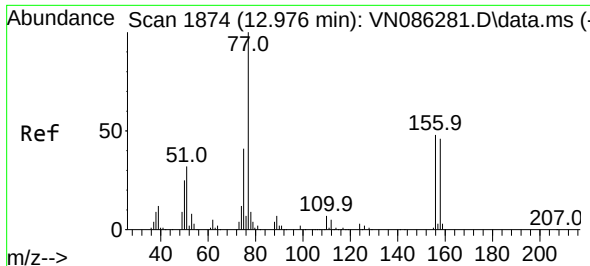


#76
1,2,3-Trichloropropane
Concen: 48.132 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



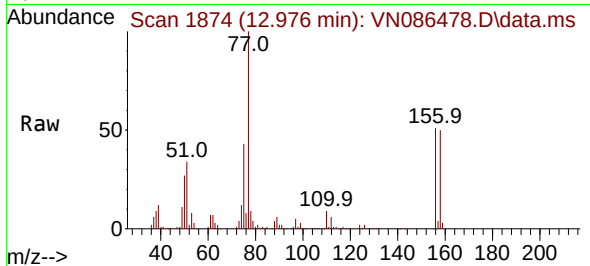
Tgt Ion: 75 Resp: 152035
Ion Ratio Lower Upper
75 100
77 192.1 98.8 296.4





#77
Bromobenzene
Concen: 53.065 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

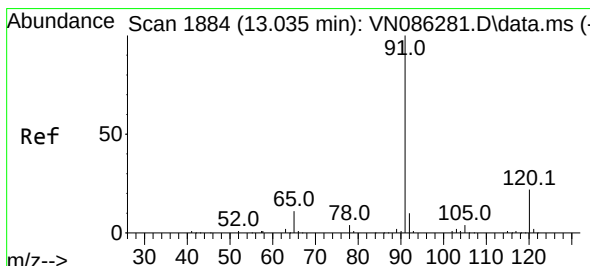
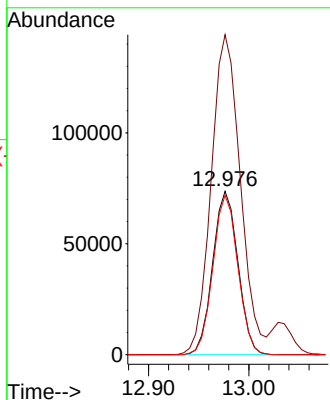
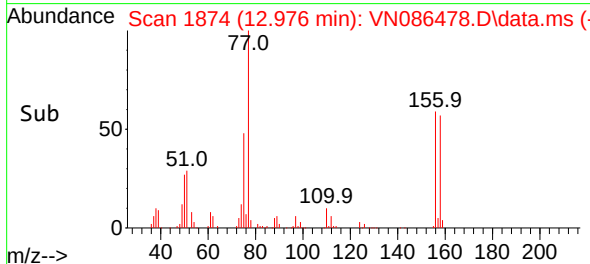
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



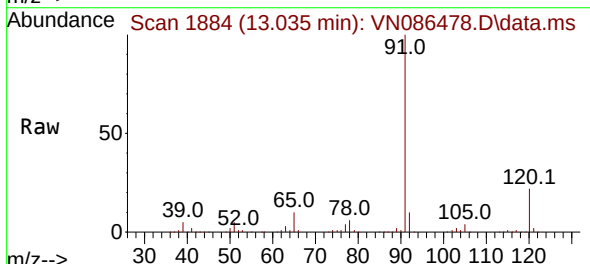
Tgt Ion:156 Resp: 128740
Ion Ratio Lower Upper
156 100
77 226.9 121.1 363.1
158 96.4 47.9 143.6

Manual Integrations
APPROVED

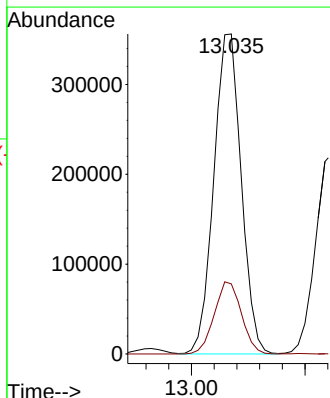
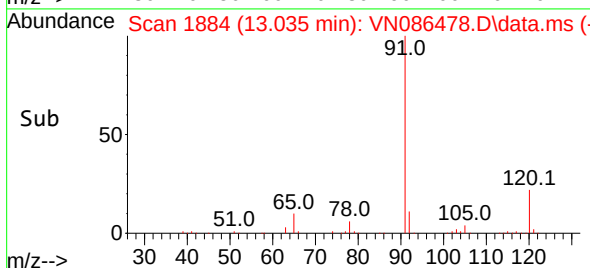
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

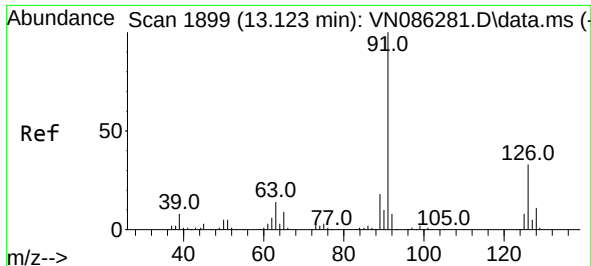


#78
n-propylbenzene
Concen: 46.301 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion: 91 Resp: 597398
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.3





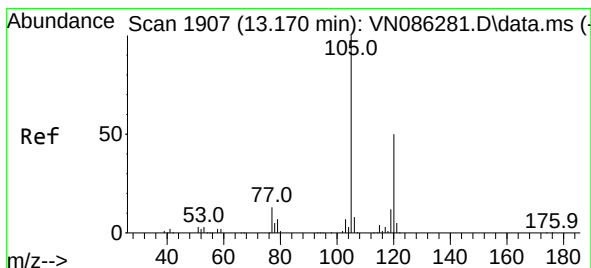
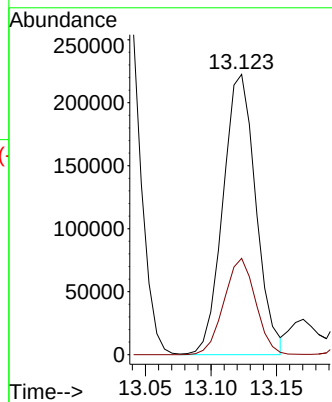
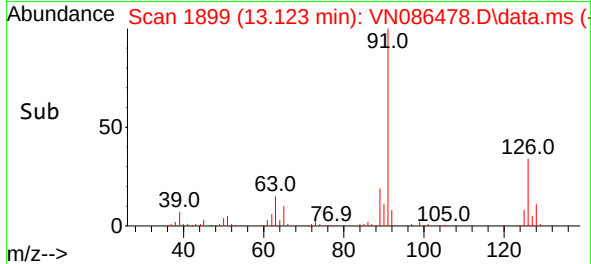
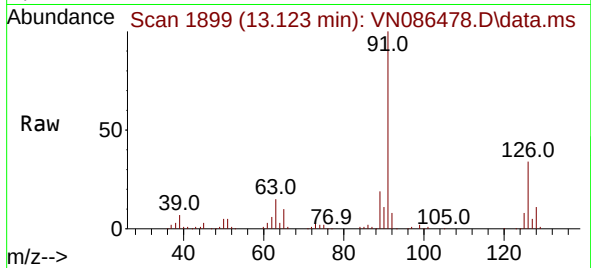
#79
2-Chlorotoluene
Concen: 48.130 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 38858
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.2

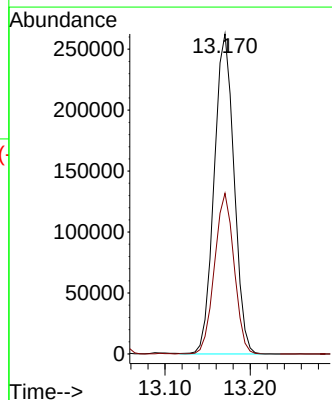
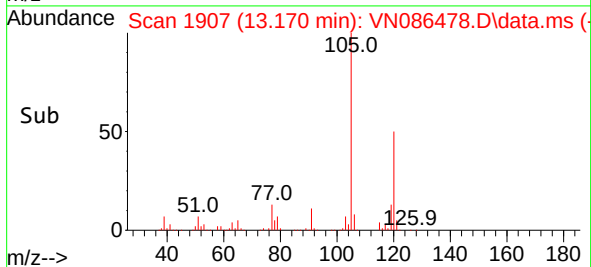
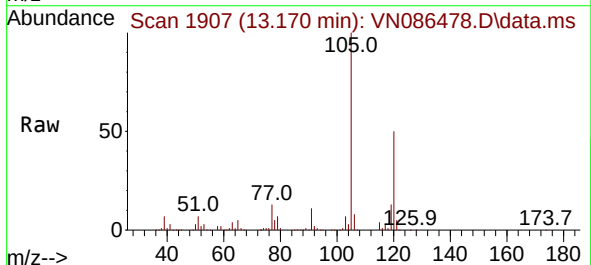
Manual Integrations
APPROVED

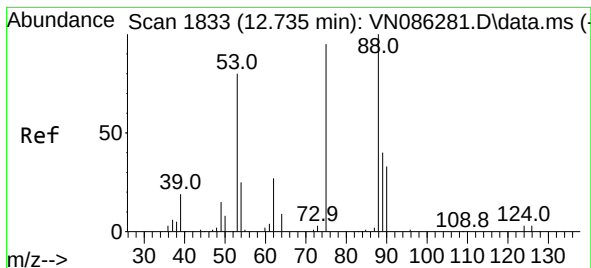
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.572 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

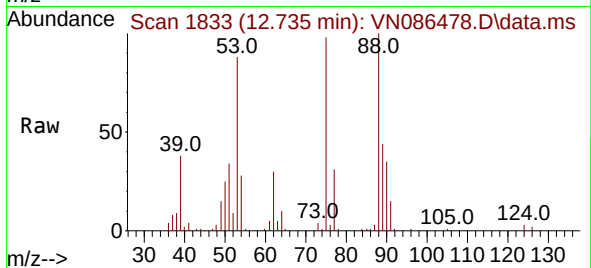
Tgt Ion:105 Resp: 426330
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 52.354 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

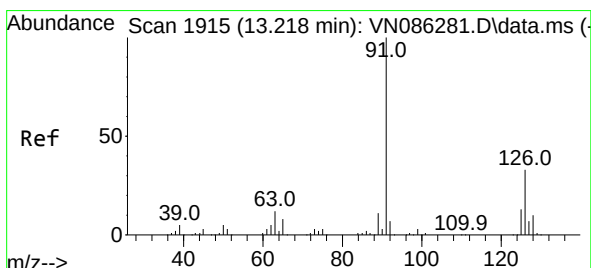
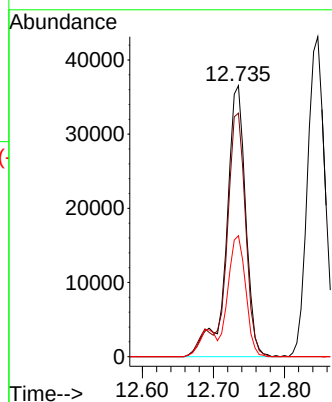
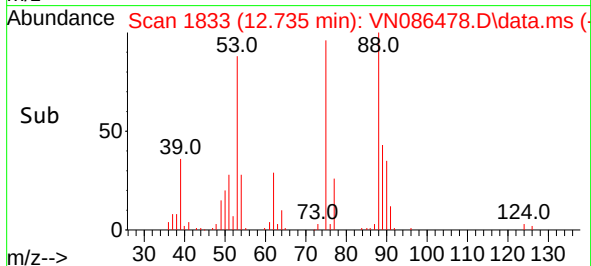
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



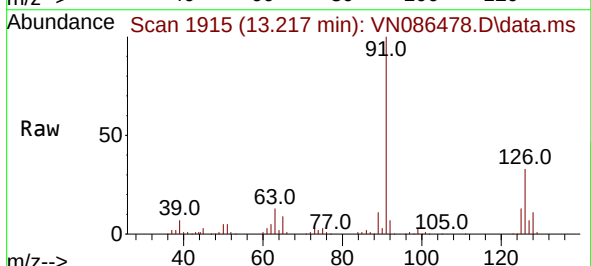
Tgt Ion: 75 Resp: 6885
Ion Ratio Lower Upper
75 100
53 83.4 79.2 118.8
89 40.7 35.7 53.5

Manual Integrations
APPROVED

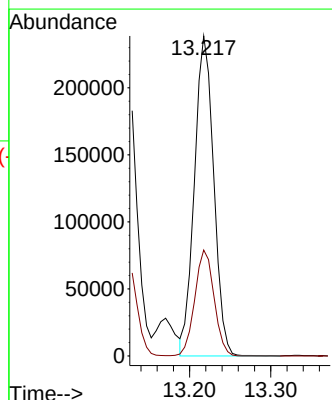
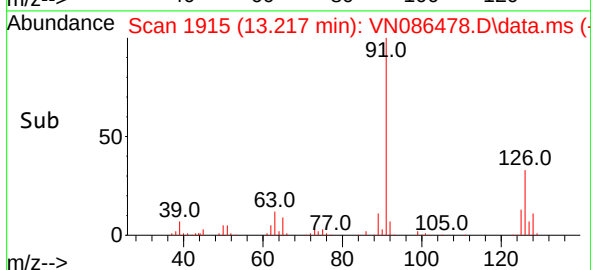
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

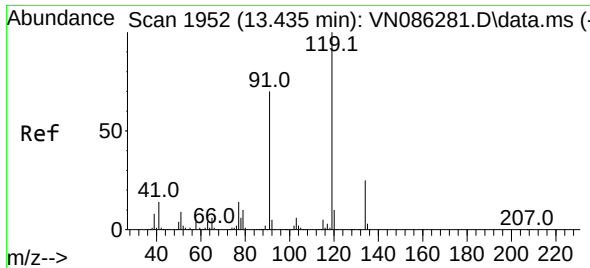


#82
4-Chlorotoluene
Concen: 49.221 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



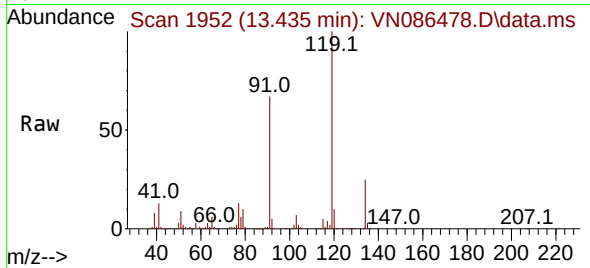
Tgt Ion: 91 Resp: 394754
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6





#83
 tert-Butylbenzene
 Concen: 45.561 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

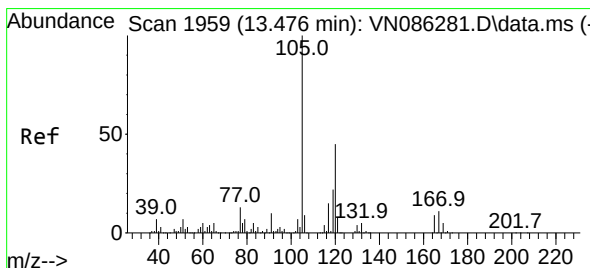
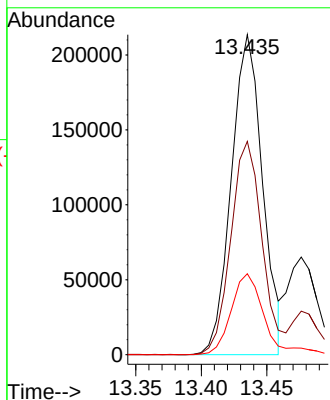
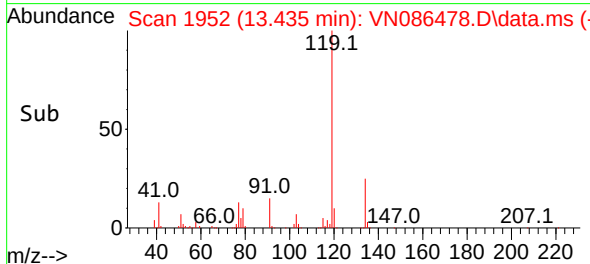
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:119 Resp: 353792
 Ion Ratio Lower Upper
 119 100
 91 67.3 34.4 103.3
 134 26.8 13.0 39.0

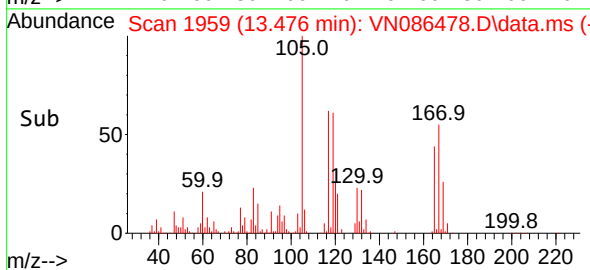
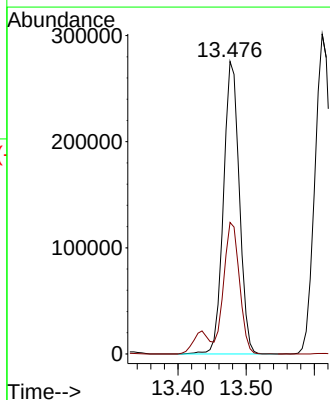
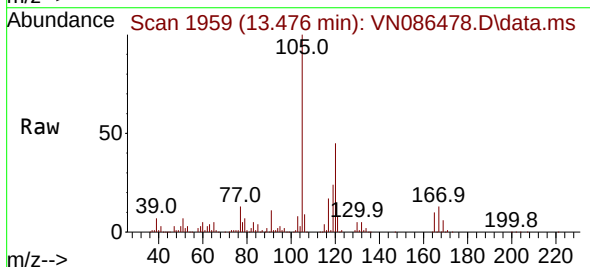
Manual Integrations
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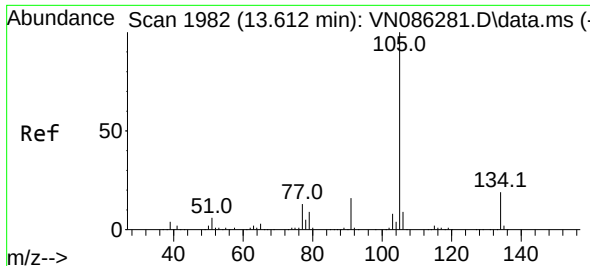
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 48.864 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

Tgt Ion:105 Resp: 445744
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3





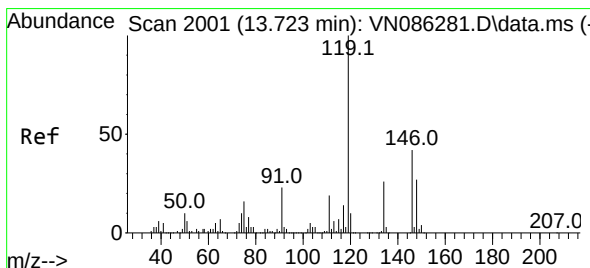
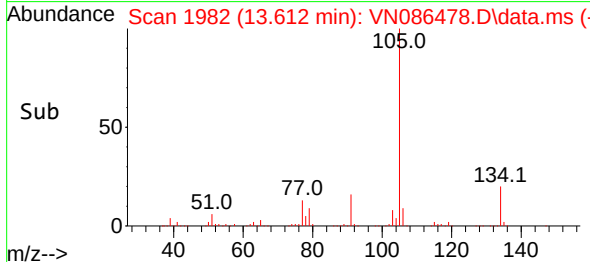
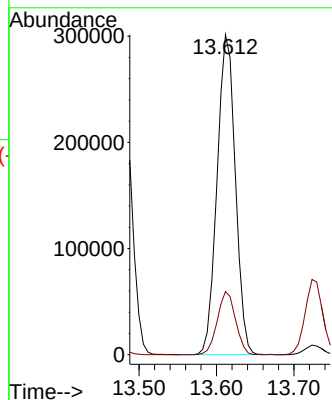
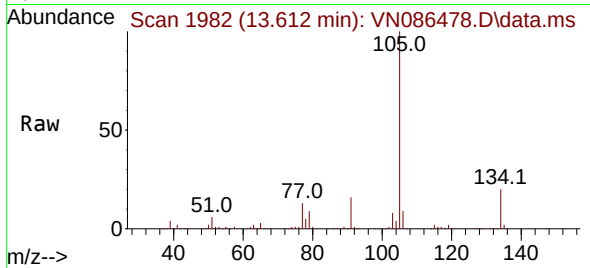
#85
 sec-Butylbenzene
 Concen: 45.861 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 493958
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1

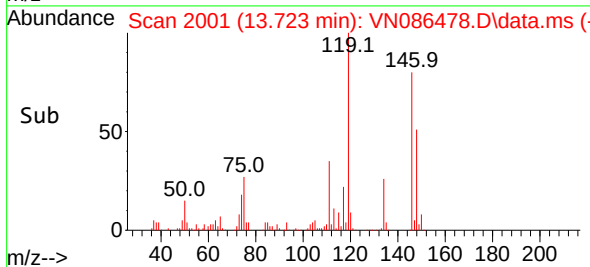
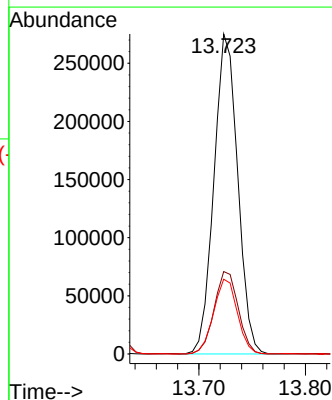
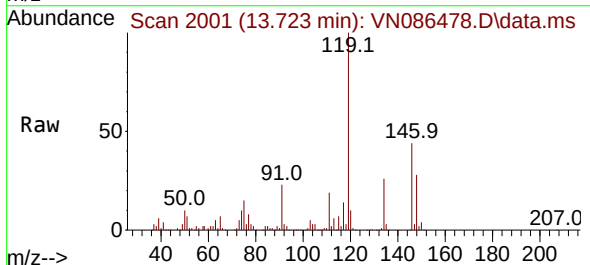
Manual Integrations
 APPROVED

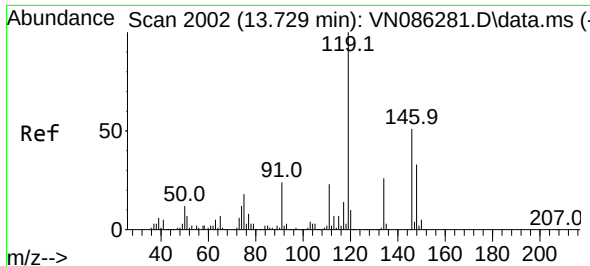
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#86
 p-Isopropyltoluene
 Concen: 47.890 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086478.D
 Acq: 05 May 2025 11:32

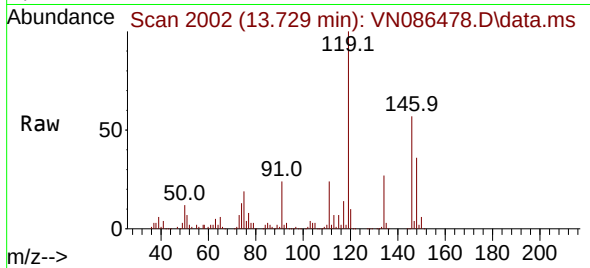
Tgt Ion:119 Resp: 425158
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.5 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 52.446 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

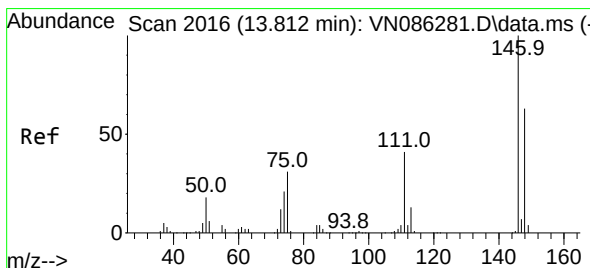
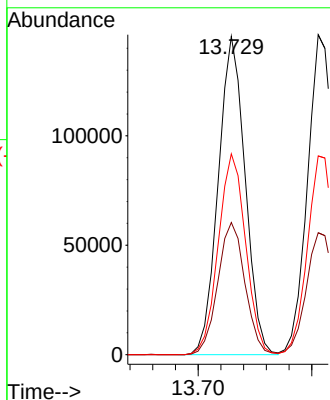
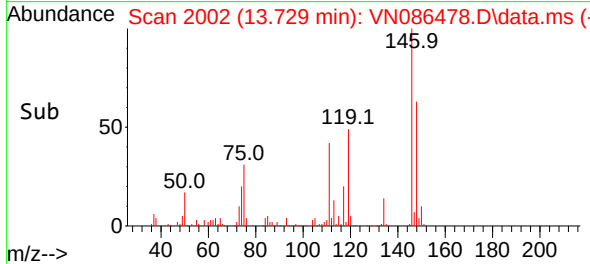
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



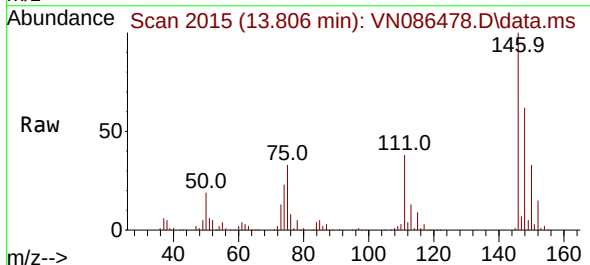
Tgt Ion:146 Resp: 239188
Ion Ratio Lower Upper
146 100
111 42.0 21.9 65.7
148 64.1 31.9 95.5

Manual Integrations
APPROVED

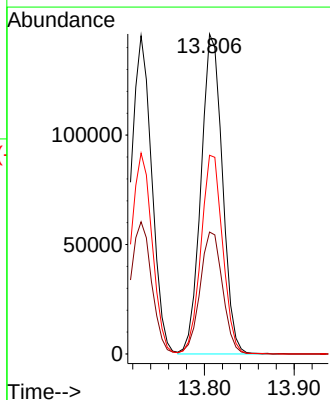
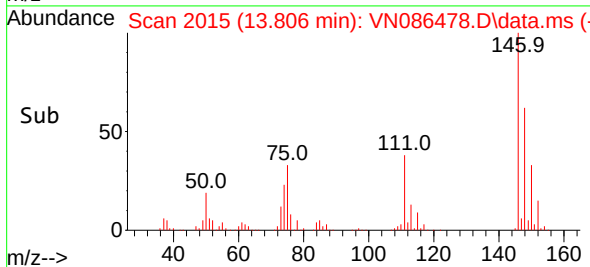
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

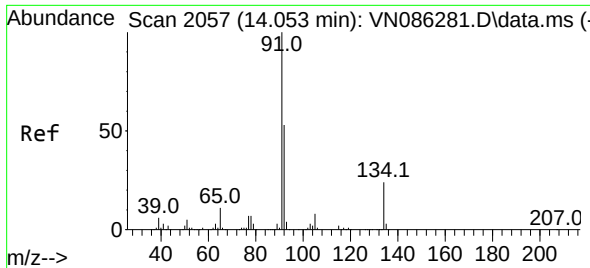


#88
1,4-Dichlorobenzene
Concen: 52.755 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



Tgt Ion:146 Resp: 242338
Ion Ratio Lower Upper
146 100
111 40.0 21.3 63.9
148 63.0 31.9 95.9





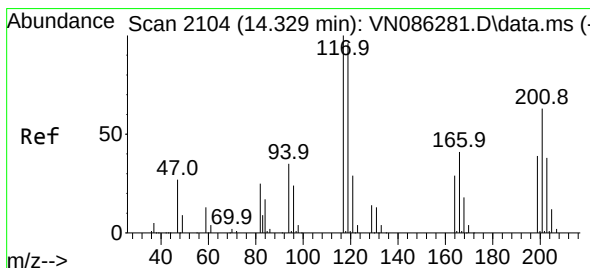
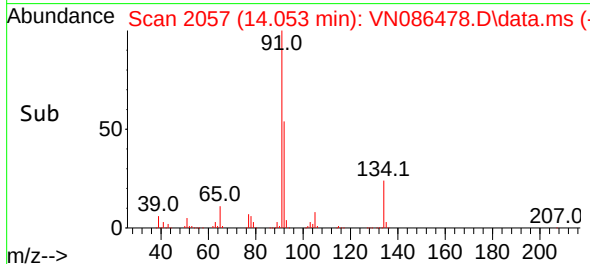
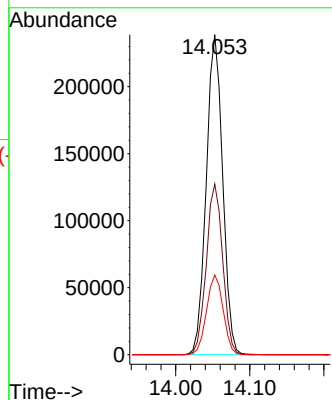
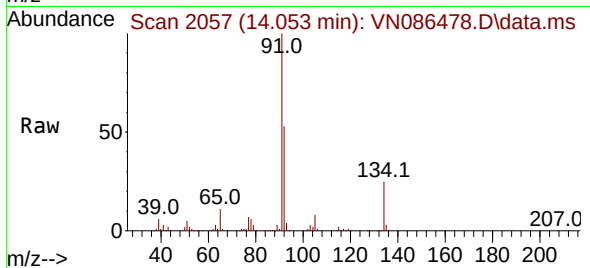
#89
n-Butylbenzene
Concen: 46.633 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 366963
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.4
134 25.2 12.2 36.6

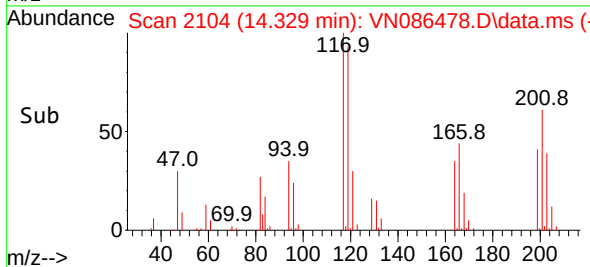
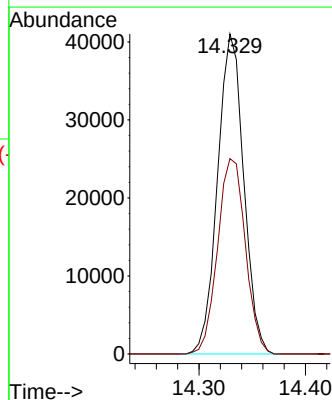
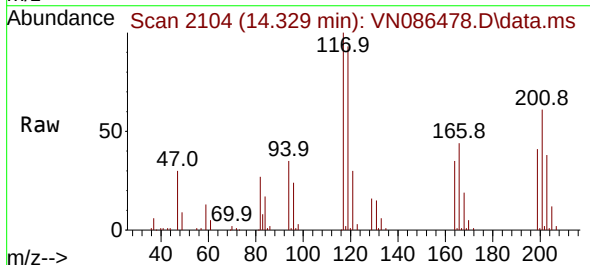
Manual Integrations
APPROVED

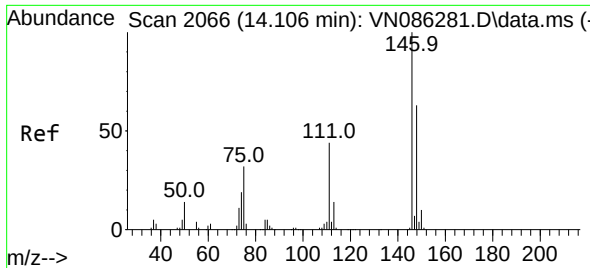
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#90
Hexachloroethane
Concen: 46.800 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:117 Resp: 69887
Ion Ratio Lower Upper
117 100
201 64.8 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 53.131 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Instrument :

MSVOA_N

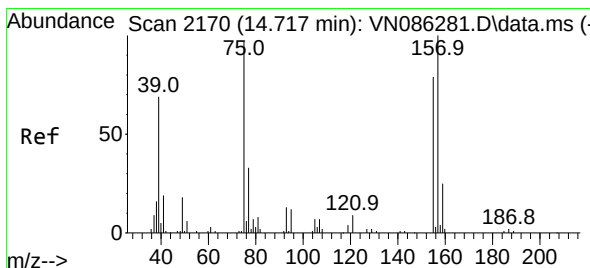
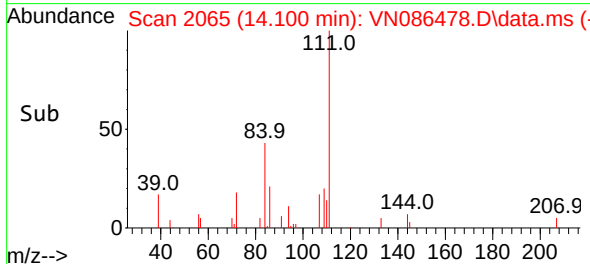
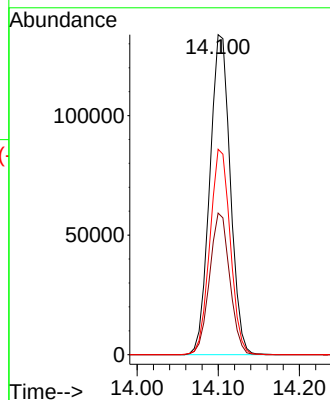
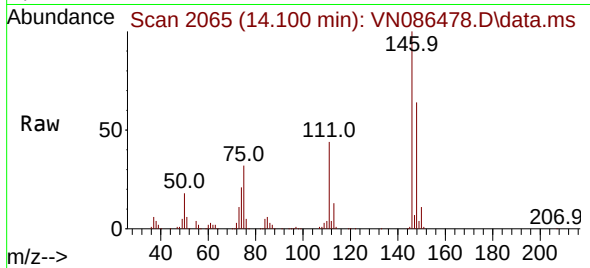
ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 234928
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 63.9 31.8 95.4

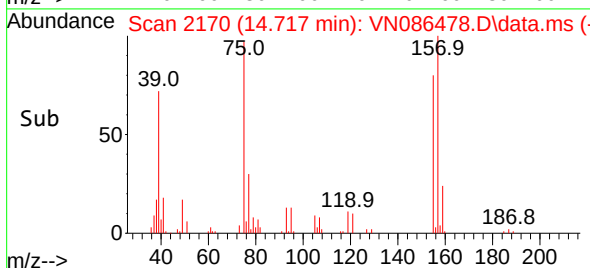
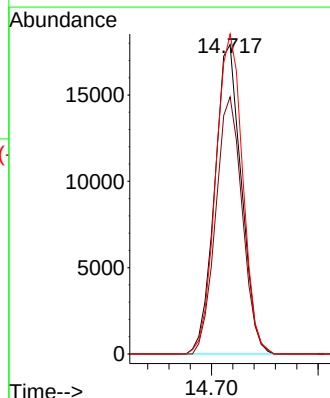
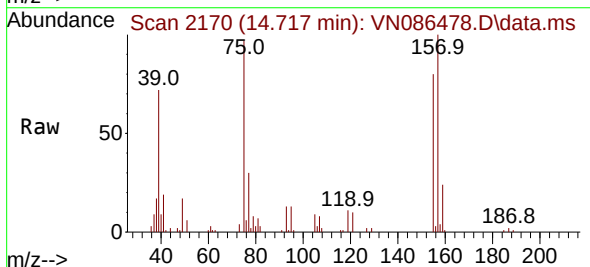
Manual Integrations
APPROVED

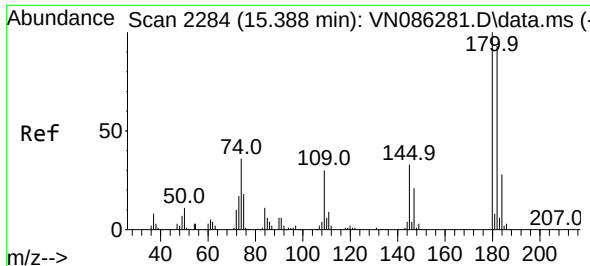
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.038 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

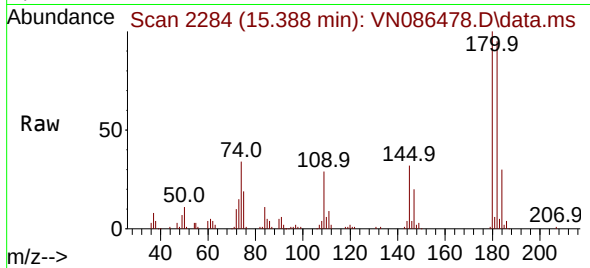
Tgt Ion: 75 Resp: 31129
Ion Ratio Lower Upper
75 100
155 82.6 40.3 120.9
157 104.5 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 53.621 ug/l
RT: 15.388 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

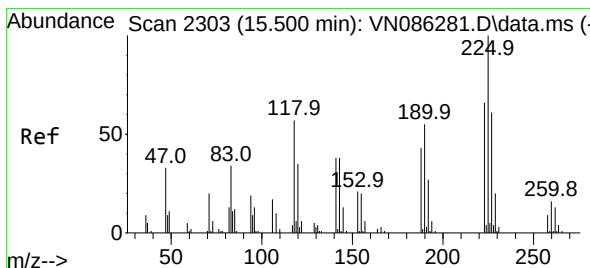
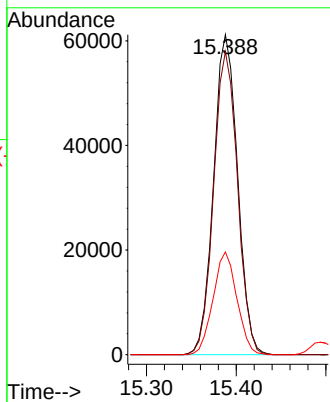
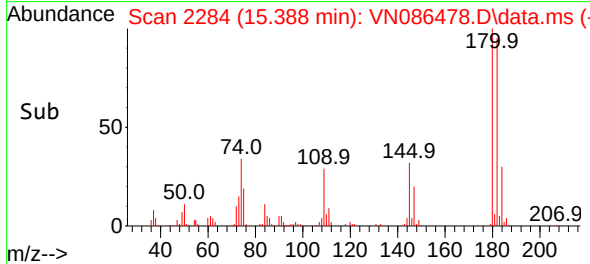
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



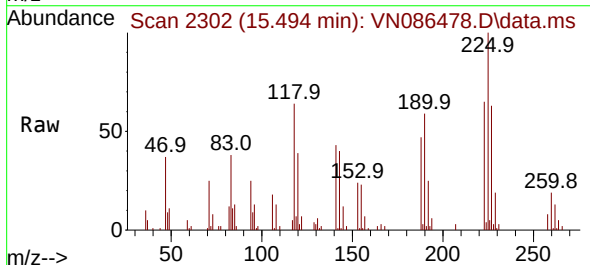
Tgt Ion:180 Resp: 11353
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 31.9 16.4 49.1

Manual Integrations
APPROVED

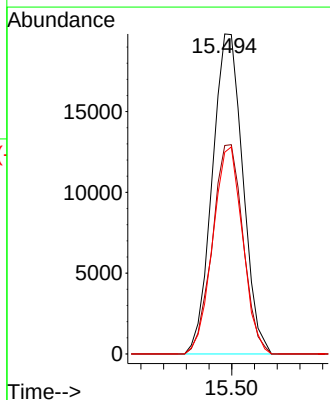
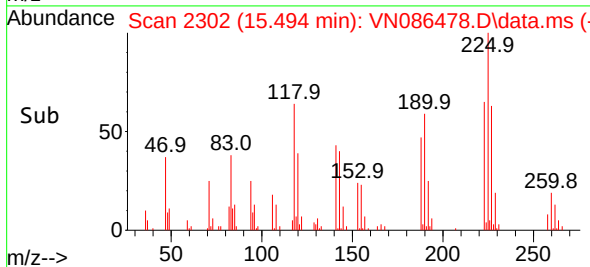
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

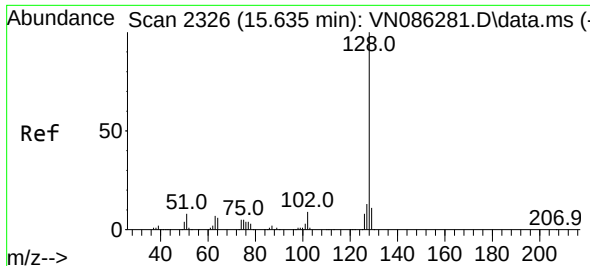


#94
Hexachlorobutadiene
Concen: 46.233 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32



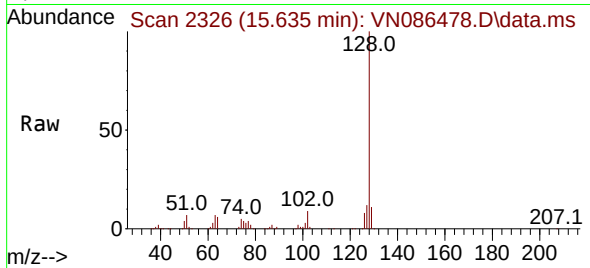
Tgt Ion:225 Resp: 36952
Ion Ratio Lower Upper
225 100
223 65.7 32.8 98.3
227 63.2 31.4 94.0





#95
Naphthalene
Concen: 51.308 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

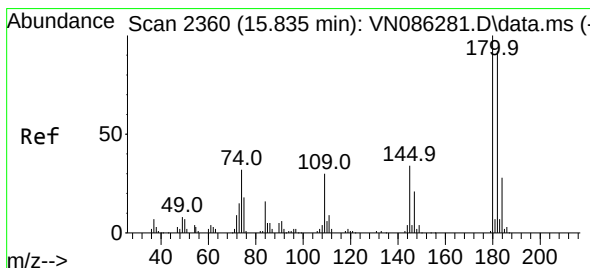
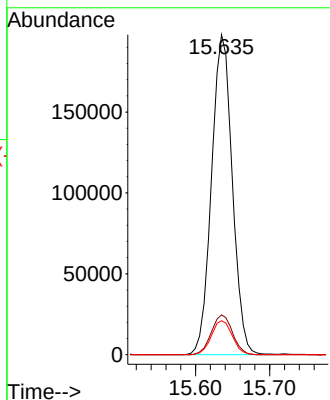
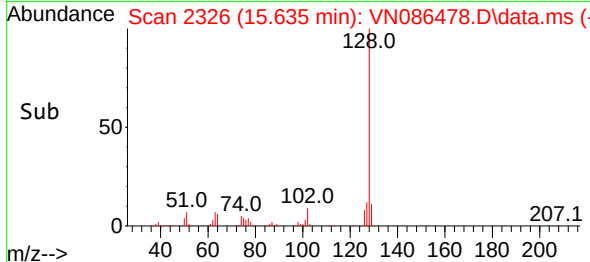
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 385090
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.7 8.6 13.0

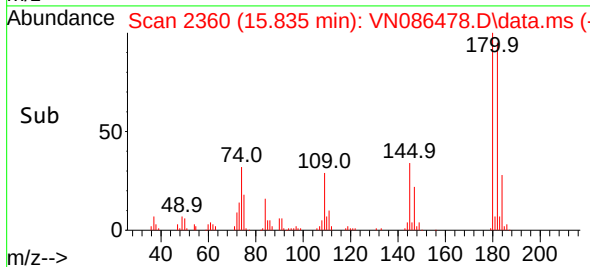
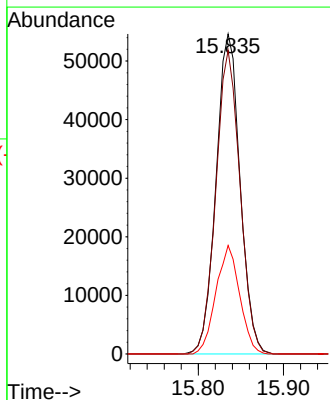
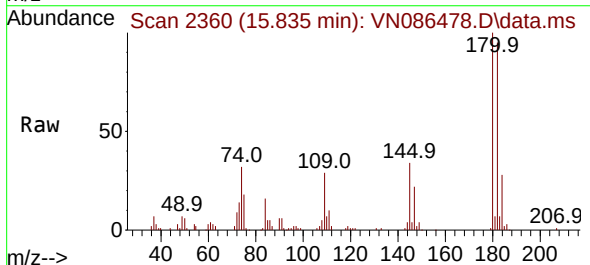
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.440 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:180 Resp: 107122
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 33.5 17.2 51.5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086478.D
 Acq On : 05 May 2025 11:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 06 01:43:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	69	0.00
2 T	Dichlorodifluoromethane	0.593	0.536	9.6	63	0.00
3 P	Chloromethane	0.861	0.805	6.5	74	0.00
4 C	Vinyl Chloride	0.822	0.759	7.7#	66	0.00
5 T	Bromomethane	0.370	0.461	-24.6	90	0.00
6 T	Chloroethane	0.550	0.523	4.9	72	0.00
7 T	Trichlorofluoromethane	0.911	0.869	4.6	70	0.00
8 T	Diethyl Ether	0.398	0.421	-5.8	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.537	2.5	71	0.00
10 T	Methyl Iodide	0.606	0.738	-21.8	85	0.00
11 T	Tert butyl alcohol	0.132	0.140	-6.1	78	0.00
12 CM	1,1-Dichloroethene	0.588	0.557	5.3#	70	0.00
13 T	Acrolein	0.075	0.089	-18.7	101	0.00
14 T	Allyl chloride	1.046	0.919	12.1	68	0.00
15 T	Acrylonitrile	0.327	0.351	-7.3	76	0.00
16 T	Acetone	0.290	0.278	4.1	77	0.00
17 T	Carbon Disulfide	1.762	1.533	13.0	68	0.00
18 T	Methyl Acetate	0.870	0.830	4.6	73	0.00
19 T	Methyl tert-butyl Ether	2.163	2.360	-9.1	81	0.00
20 T	Methylene Chloride	0.670	0.729	-8.8	81	0.00
21 T	trans-1,2-Dichloroethene	0.615	0.632	-2.8	76	0.00
22 T	Diisopropyl ether	2.276	2.355	-3.5	77	0.00
23 T	Vinyl Acetate	1.591	1.722	-8.2	80	0.00
24 P	1,1-Dichloroethane	1.201	1.259	-4.8	77	0.00
25 T	2-Butanone	0.451	0.469	-4.0	76	0.00
26 T	2,2-Dichloropropane	1.075	1.069	0.6	75	0.00
27 T	cis-1,2-Dichloroethene	0.764	0.829	-8.5	80	0.00
28 T	Bromochloromethane	0.509	0.533	-4.7	74	0.00
29 T	Tetrahydrofuran	0.302	0.311	-3.0	77	0.00
30 C	Chloroform	1.180	1.306	-10.7#	82	0.00
31 T	Cyclohexane	1.175	0.999	15.0	65	0.00
32 T	1,1,1-Trichloroethane	1.009	1.049	-4.0	76	0.00
33 S	1,2-Dichloroethane-d4	0.725	0.817	-12.7	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.232	0.264	-13.8	88	0.00
36 T	1,1-Dichloropropene	0.463	0.446	3.7	72	0.00
37 T	Ethyl Acetate	0.488	0.487	0.2	78	0.00
38 T	Carbon Tetrachloride	0.441	0.442	-0.2	75	0.00
39 T	Methylcyclohexane	0.551	0.492	10.7	67	0.00
40 TM	Benzene	1.485	1.541	-3.8	79	0.00
41 T	Methacrylonitrile	0.283	0.294	-3.9	80	0.00
42 TM	1,2-Dichloroethane	0.474	0.533	-12.4	86	0.00
43 T	Isopropyl Acetate	1.177	0.947	19.5	79	0.00
44 TM	Trichloroethene	0.352	0.372	-5.7	79	0.00
45 C	1,2-Dichloropropane	0.364	0.382	-4.9#	79	0.00
46 T	Dibromomethane	0.232	0.271	-16.8	86	0.00
47 T	Bromodichloromethane	0.500	0.559	-11.8	84	0.00
48 T	Methyl methacrylate	0.429	0.426	0.7	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086478.D
 Acq On : 05 May 2025 11:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 06 01:43:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.008	-14.3	87	0.00
50 S	Toluene-d8	1.240	1.280	-3.2	73	0.00
51 T	4-Methyl-2-Pentanone	0.500	0.527	-5.4	78	0.00
52 CM	Toluene	0.927	0.979	-5.6#	79	0.00
53 T	t-1,3-Dichloropropene	0.558	0.627	-12.4	82	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.648	-5.7	81	0.00
55 T	1,1,2-Trichloroethane	0.333	0.382	-14.7	86	0.00
56 T	Ethyl methacrylate	0.613	0.661	-7.8	82	0.00
57 T	1,3-Dichloropropane	0.592	0.663	-12.0	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.291	0.277	4.8	69	0.00
59 T	2-Hexanone	0.371	0.388	-4.6	78	0.00
60 T	Dibromochloromethane	0.366	0.426	-16.4	87	0.00
61 T	1,2-Dibromoethane	0.336	0.394	-17.3	87	0.00
62 S	4-Bromofluorobenzene	0.452	0.478	-5.8	75	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.385	0.386	-0.3	78	0.00
65 PM	Chlorobenzene	1.116	1.173	-5.1	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.402	-9.2	87	0.00
67 C	Ethyl Benzene	2.014	1.999	0.7#	78	0.00
68 T	m/p-Xylenes	0.754	0.772	-2.4	80	0.00
69 T	o-Xylene	0.746	0.767	-2.8	81	0.00
70 T	Styrene	1.243	1.334	-7.3	82	0.00
71 P	Bromoform	0.277	0.312	-12.6	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	4.090	3.762	8.0	78	0.00
74 T	N-amyl acetate	2.036	1.853	9.0	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.176	1.187	-0.9	88	0.00
76 T	1,2,3-Trichloropropane	1.180	1.136	3.7	84	0.00
77 T	Bromobenzene	0.906	0.962	-6.2	87	0.00
78 T	n-propylbenzene	4.820	4.463	7.4	77	0.00
79 T	2-Chlorotoluene	3.016	2.903	3.7	81	0.00
80 T	1,3,5-Trimethylbenzene	3.348	3.185	4.9	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.491	0.514	-4.7	86	0.00
82 T	4-Chlorotoluene	2.996	2.949	1.6	81	0.00
83 T	tert-Butylbenzene	2.901	2.643	8.9	78	0.00
84 T	1,2,4-Trimethylbenzene	3.408	3.330	2.3	81	0.00
85 T	sec-Butylbenzene	4.023	3.690	8.3	76	0.00
86 T	p-Isopropyltoluene	3.316	3.176	4.2	78	0.00
87 T	1,3-Dichlorobenzene	1.704	1.787	-4.9	86	0.00
88 T	1,4-Dichlorobenzene	1.716	1.810	-5.5	86	0.00
89 T	n-Butylbenzene	2.939	2.742	6.7	74	0.00
90 T	Hexachloroethane	0.558	0.522	6.5	78	0.00
91 T	1,2-Dichlorobenzene	1.652	1.755	-6.2	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.237	0.233	1.7	81	0.00
93 T	1,2,4-Trichlorobenzene	0.791	0.848	-7.2	85	0.00
94 T	Hexachlorobutadiene	0.299	0.276	7.7	76	0.00
95 T	Naphthalene	2.804	2.877	-2.6	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.800	-6.8	87	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086478.D
 Acq On : 05 May 2025 11:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 06 01:43:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	69	0.00
2 T	Dichlorodifluoromethane	50.000	45.212	9.6	63	0.00
3 P	Chloromethane	50.000	46.718	6.6	74	0.00
4 C	Vinyl Chloride	50.000	46.145	7.7#	66	0.00
5 T	Bromomethane	50.000	62.395	-24.8	90	0.00
6 T	Chloroethane	50.000	47.499	5.0	72	0.00
7 T	Trichlorofluoromethane	50.000	47.709	4.6	70	0.00
8 T	Diethyl Ether	50.000	52.896	-5.8	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.778	2.4	71	0.00
10 T	Methyl Iodide	50.000	60.961	-21.9	85	0.00
11 T	Tert butyl alcohol	250.000	265.389	-6.2	78	0.00
12 CM	1,1-Dichloroethene	50.000	47.361	5.3#	70	0.00
13 T	Acrolein	250.000	368.613	-47.4#	101	0.00
14 T	Allyl chloride	50.000	43.937	12.1	68	0.00
15 T	Acrylonitrile	250.000	268.011	-7.2	76	0.00
16 T	Acetone	250.000	278.344	-11.3	77	0.00
17 T	Carbon Disulfide	50.000	43.485	13.0	68	0.00
18 T	Methyl Acetate	50.000	47.670	4.7	73	0.00
19 T	Methyl tert-butyl Ether	50.000	54.536	-9.1	81	0.00
20 T	Methylene Chloride	50.000	54.360	-8.7	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.375	-2.8	76	0.00
22 T	Diisopropyl ether	50.000	51.747	-3.5	77	0.00
23 T	Vinyl Acetate	250.000	270.668	-8.3	80	0.00
24 P	1,1-Dichloroethane	50.000	52.430	-4.9	77	0.00
25 T	2-Butanone	250.000	260.025	-4.0	76	0.00
26 T	2,2-Dichloropropane	50.000	49.713	0.6	75	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.294	-8.6	80	0.00
28 T	Bromochloromethane	50.000	52.359	-4.7	74	0.00
29 T	Tetrahydrofuran	250.000	257.870	-3.1	77	0.00
30 C	Chloroform	50.000	55.364	-10.7#	82	0.00
31 T	Cyclohexane	50.000	42.503	15.0	65	0.00
32 T	1,1,1-Trichloroethane	50.000	51.955	-3.9	76	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.310	-12.6	78	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	56.788	-13.6	88	0.00
36 T	1,1-Dichloropropene	50.000	48.061	3.9	72	0.00
37 T	Ethyl Acetate	50.000	49.894	0.2	78	0.00
38 T	Carbon Tetrachloride	50.000	50.096	-0.2	75	0.00
39 T	Methylcyclohexane	50.000	44.650	10.7	67	0.00
40 TM	Benzene	50.000	51.877	-3.8	79	0.00
41 T	Methacrylonitrile	50.000	52.024	-4.0	80	0.00
42 TM	1,2-Dichloroethane	50.000	56.287	-12.6	86	0.00
43 T	Isopropyl Acetate	50.000	54.566	-9.1	79	0.00
44 TM	Trichloroethene	50.000	52.792	-5.6	79	0.00
45 C	1,2-Dichloropropane	50.000	52.519	-5.0#	79	0.00
46 T	Dibromomethane	50.000	58.582	-17.2	86	0.00
47 T	Bromodichloromethane	50.000	55.865	-11.7	84	0.00
48 T	Methyl methacrylate	50.000	49.669	0.7	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086478.D
 Acq On : 05 May 2025 11:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 06 01:43:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1080.631	-8.1	87	0.00
50 S	Toluene-d8	50.000	51.589	-3.2	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.592	-5.4	78	0.00
52 CM	Toluene	50.000	52.807	-5.6#	79	0.00
53 T	t-1,3-Dichloropropene	50.000	56.106	-12.2	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.796	-5.6	81	0.00
55 T	1,1,2-Trichloroethane	50.000	57.253	-14.5	86	0.00
56 T	Ethyl methacrylate	50.000	53.899	-7.8	82	0.00
57 T	1,3-Dichloropropane	50.000	56.016	-12.0	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.408	4.6	69	0.00
59 T	2-Hexanone	250.000	261.423	-4.6	78	0.00
60 T	Dibromochloromethane	50.000	58.161	-16.3	87	0.00
61 T	1,2-Dibromoethane	50.000	58.498	-17.0	87	0.00
62 S	4-Bromofluorobenzene	50.000	52.810	-5.6	75	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64 T	Tetrachloroethene	50.000	50.118	-0.2	78	0.00
65 PM	Chlorobenzene	50.000	52.576	-5.2	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.541	-9.1	87	0.00
67 C	Ethyl Benzene	50.000	49.637	0.7#	78	0.00
68 T	m/p-Xylenes	100.000	102.350	-2.3	80	0.00
69 T	o-Xylene	50.000	51.383	-2.8	81	0.00
70 T	Styrene	50.000	53.644	-7.3	82	0.00
71 P	Bromoform	50.000	56.230	-12.5	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	45.987	8.0	78	0.00
74 T	N-ethyl acetate	50.000	45.503	9.0	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.472	-0.9	88	0.00
76 T	1,2,3-Trichloropropane	50.000	48.132	3.7	84	0.00
77 T	Bromobenzene	50.000	53.065	-6.1	87	0.00
78 T	n-propylbenzene	50.000	46.301	7.4	77	0.00
79 T	2-Chlorotoluene	50.000	48.130	3.7	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.572	4.9	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.354	-4.7	86	0.00
82 T	4-Chlorotoluene	50.000	49.221	1.6	81	0.00
83 T	tert-Butylbenzene	50.000	45.561	8.9	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.864	2.3	81	0.00
85 T	sec-Butylbenzene	50.000	45.861	8.3	76	0.00
86 T	p-Isopropyltoluene	50.000	47.890	4.2	78	0.00
87 T	1,3-Dichlorobenzene	50.000	52.446	-4.9	86	0.00
88 T	1,4-Dichlorobenzene	50.000	52.755	-5.5	86	0.00
89 T	n-Butylbenzene	50.000	46.633	6.7	74	0.00
90 T	Hexachloroethane	50.000	46.800	6.4	78	0.00
91 T	1,2-Dichlorobenzene	50.000	53.131	-6.3	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.038	1.9	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.621	-7.2	85	0.00
94 T	Hexachlorobutadiene	50.000	46.233	7.5	76	0.00
95 T	Naphthalene	50.000	51.308	-2.6	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.440	-6.9	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

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

Instrument ID: MSVOA_N Calibration Date/Time: 05/06/2025 10:35

Lab File ID: VN086504.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.485	1.462		-1.55	20
Toluene	0.927	0.953		2.81	20
Ethyl Benzene	2.014	1.981		-1.64	20
m/p-Xylenes	0.754	0.762		1.06	20
o-Xylene	0.746	0.762		2.14	20
Isopropylbenzene	4.090	3.729		-8.83	20
n-propylbenzene	4.820	4.382		-9.09	20
1,3,5-Trimethylbenzene	3.348	3.125		-6.66	20
tert-Butylbenzene	2.901	2.643		-8.89	20
1,2,4-Trimethylbenzene	3.408	3.236		-5.05	20
sec-Butylbenzene	4.023	3.668		-8.82	20
p-Isopropyltoluene	3.316	3.160		-4.7	20
n-Butylbenzene	2.939	2.699		-8.17	20
1,2-Dichloroethane-d4	0.725	0.698		-3.72	20
Dibromofluoromethane	0.232	0.250		7.76	20
Toluene-d8	1.240	1.178		-5	20
4-Bromofluorobenzene	0.452	0.460		1.77	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086504.D
 Acq On : 06 May 2025 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:53:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	338775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	314072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130550	48.151	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.300%		
35) Dibromofluoromethane	8.165	113	84639	53.831	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.660%		
50) Toluene-d8	10.565	98	399114	47.496	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.000%		
62) 4-Bromofluorobenzene	12.847	95	155922	50.872	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96414	43.500	ug/l	98
3) Chloromethane	2.360	50	128807	39.987	ug/l	96
4) Vinyl Chloride	2.512	62	122759	39.936	ug/l	98
5) Bromomethane	2.954	94	75110	54.322	ug/l	96
6) Chloroethane	3.118	64	84296	40.974	ug/l	99
7) Trichlorofluoromethane	3.501	101	160328	47.087	ug/l	99
8) Diethyl Ether	3.959	74	73202	49.246	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	97567	47.367	ug/l	97
10) Methyl Iodide	4.583	142	128968	56.950	ug/l	98
11) Tert butyl alcohol	5.512	59	113258	228.947	ug/l	100
12) 1,1-Dichloroethene	4.342	96	97515	44.312	ug/l	99
13) Acrolein	4.177	56	67136	293.679	ug/l	96
14) Allyl chloride	5.024	41	153180	39.156	ug/l	93
15) Acrylonitrile	5.712	53	287153	234.814	ug/l	99
16) Acetone	4.424	43	229166	244.342	ug/l	99
17) Carbon Disulfide	4.712	76	255907	38.837	ug/l	98
18) Methyl Acetate	5.018	43	135966	41.778	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	404824	50.044	ug/l	98
20) Methylene Chloride	5.271	84	123698	49.351	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	110590	48.068	ug/l	91
22) Diisopropyl ether	6.671	45	385514	45.301	ug/l	97
23) Vinyl Acetate	6.600	43	1390916	233.806	ug/l	97
24) 1,1-Dichloroethane	6.565	63	208432	46.419	ug/l	99
25) 2-Butanone	7.477	43	378939	224.541	ug/l	96
26) 2,2-Dichloropropane	7.489	77	187192	46.561	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	144092	50.460	ug/l	93
28) Bromochloromethane	7.812	49	81811	42.971	ug/l	86
29) Tetrahydrofuran	7.836	42	249166	220.791	ug/l	94
30) Chloroform	7.959	83	221894	50.306	ug/l	99
31) Cyclohexane	8.253	56	171927	39.129	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	181942	48.218	ug/l	99
36) 1,1-Dichloropropene	8.371	75	147497	46.967	ug/l	98
37) Ethyl Acetate	7.553	43	152654	46.172	ug/l	99
38) Carbon Tetrachloride	8.359	117	151505	50.659	ug/l	99
39) Methylcyclohexane	9.594	83	167497	44.873	ug/l	98
40) Benzene	8.600	78	495357	49.232	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086504.D
 Acq On : 06 May 2025 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:53:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	88517	46.194	ug/l	96
42) 1,2-Dichloroethane	8.665	62	173196	53.978	ug/l	100
43) Isopropyl Acetate	8.683	43	281871	47.497	ug/l	96
44) Trichloroethene	9.347	130	128400	53.841	ug/l	95
45) 1,2-Dichloropropane	9.618	63	121835	49.467	ug/l	99
46) Dibromomethane	9.706	93	88683	56.513	ug/l	96
47) Bromodichloromethane	9.883	83	183659	54.188	ug/l	97
48) Methyl methacrylate	9.677	41	132393	45.599	ug/l	94
49) 1,4-Dioxane	9.694	88	51227	1037.266	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	813318	240.230	ug/l	98
52) Toluene	10.630	92	323020	51.451	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	200053	52.877	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	212799	51.209	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	122629	54.288	ug/l	96
56) Ethyl methacrylate	10.871	69	210673	50.739	ug/l	97
57) 1,3-Dichloropropane	11.159	76	210645	52.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	422017	214.142	ug/l	96
59) 2-Hexanone	11.194	43	597003	237.737	ug/l	98
60) Dibromochloromethane	11.353	129	141817	57.174	ug/l	99
61) 1,2-Dibromoethane	11.465	107	127362	55.879	ug/l	99
64) Tetrachloroethene	11.100	164	130234	53.908	ug/l	98
65) Chlorobenzene	11.888	112	361793	51.618	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	123598	53.454	ug/l	99
67) Ethyl Benzene	11.959	91	622129	49.188	ug/l	100
68) m/p-Xylenes	12.065	106	478687	101.007	ug/l	97
69) o-Xylene	12.394	106	239320	51.063	ug/l	97
70) Styrene	12.406	104	412138	52.777	ug/l	99
71) Bromoform	12.576	173	96103	55.203	ug/l #	99
73) Isopropylbenzene	12.688	105	579388	45.586	ug/l	99
74) N-amyl acetate	12.488	43	252471	39.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	168619	46.141	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	164079m	44.750	ug/l	
77) Bromobenzene	12.976	156	149126	52.953	ug/l	90
78) n-propylbenzene	13.029	91	680807	45.457	ug/l	99
79) 2-Chlorotoluene	13.124	91	438870	46.829	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	485554	46.676	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	75202	49.258	ug/l	87
82) 4-Chlorotoluene	13.218	91	445950	47.903	ug/l	98
83) tert-Butylbenzene	13.435	119	410708	45.565	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	502742	47.478	ug/l	100
85) sec-Butylbenzene	13.612	105	569846	45.578	ug/l	98
86) p-Isopropyltoluene	13.723	119	490968	47.642	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	275607	52.061	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	279296	52.379	ug/l	98
89) n-Butylbenzene	14.053	91	419349	45.909	ug/l	99
90) Hexachloroethane	14.329	117	79373	45.790	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	267864	52.188	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	33271	45.153	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	126722	51.561	ug/l	98
94) Hexachlorobutadiene	15.494	225	44262	47.708	ug/l	99
95) Naphthalene	15.635	128	419212	48.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	119191	51.224	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

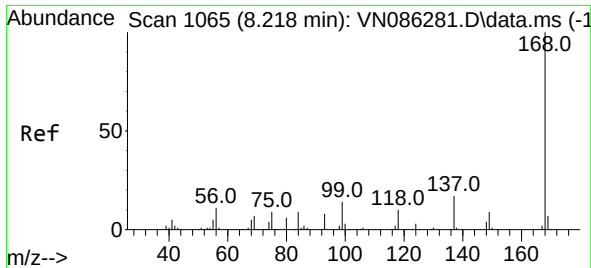
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

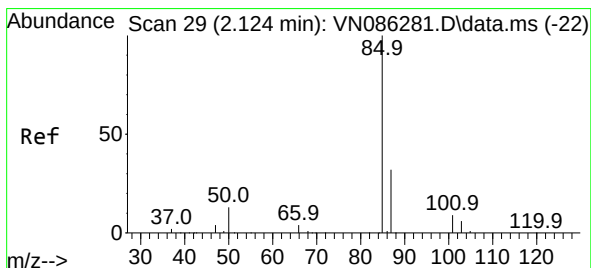
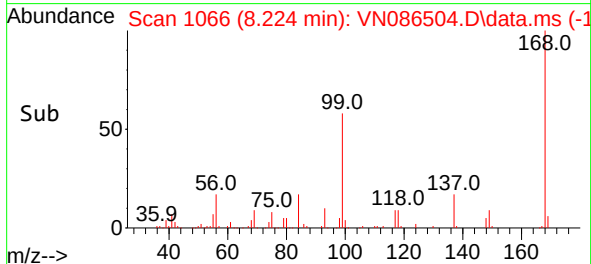
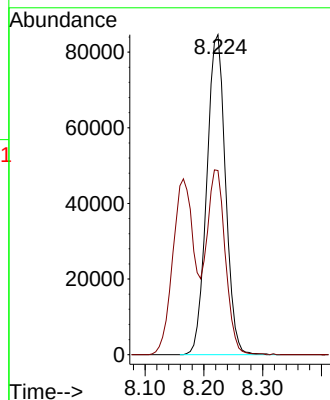
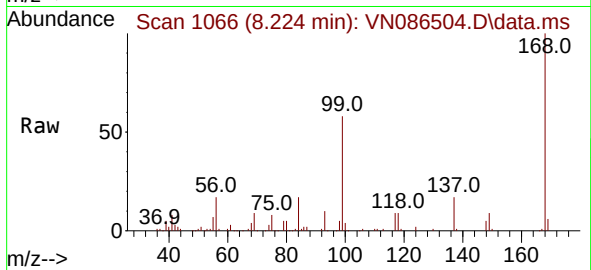
Tgt Ion:168 Resp: 18697
Ion Ratio Lower Upper
168 100
99 57.5 52.5 78.7

Manual Integrations

APPROVED

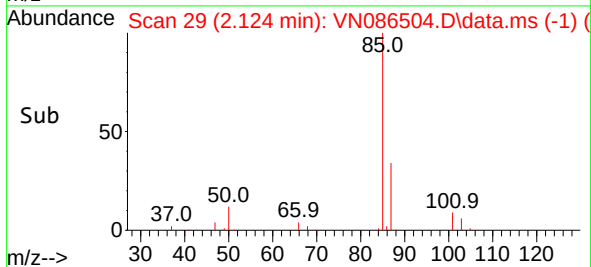
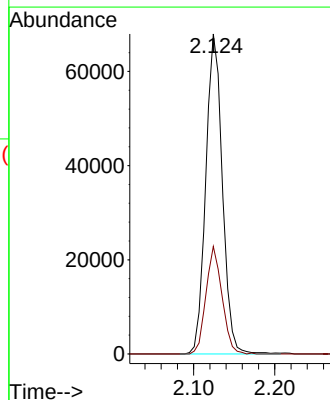
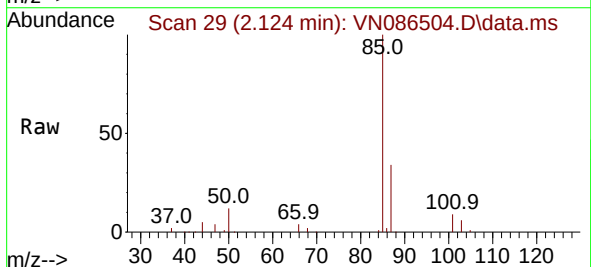
Reviewed By :John Carlone 05/07/2025

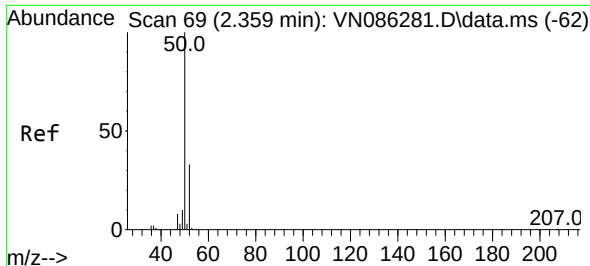
Supervised By :Mahesh Dadoda 05/07/2025



#2
Dichlorodifluoromethane
Concen: 43.500 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

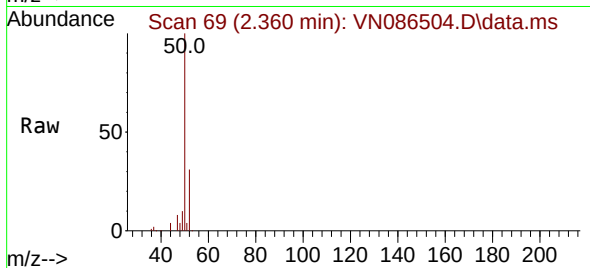
Tgt Ion: 85 Resp: 96414
Ion Ratio Lower Upper
85 100
87 33.6 16.3 48.8





#3
Chloromethane
Concen: 39.987 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

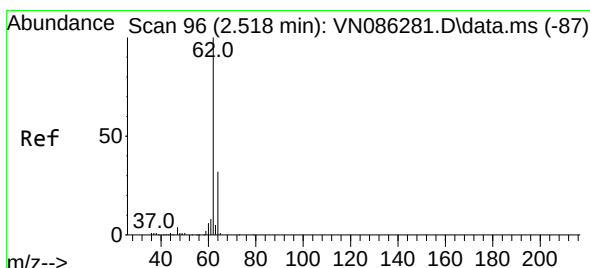
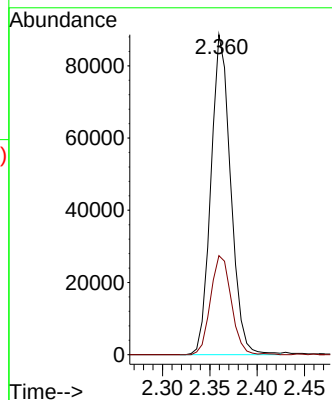
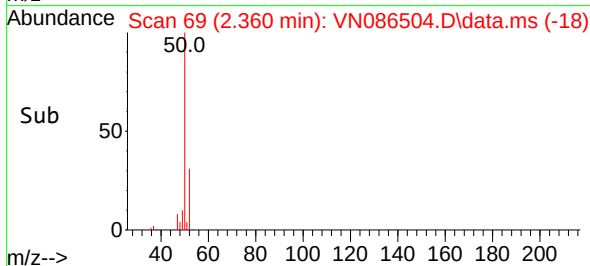
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 12880
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7

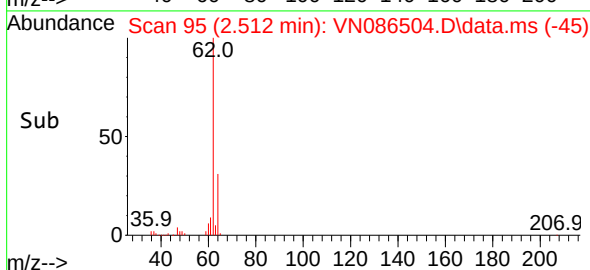
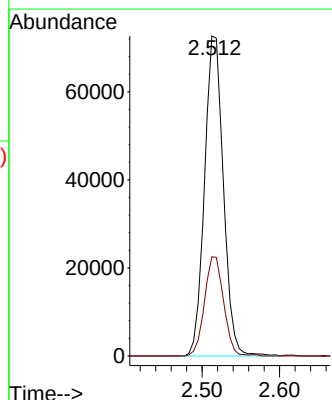
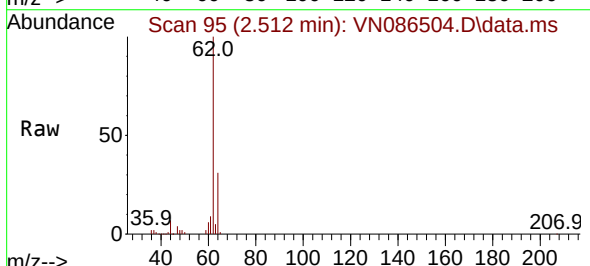
Manual Integrations
APPROVED

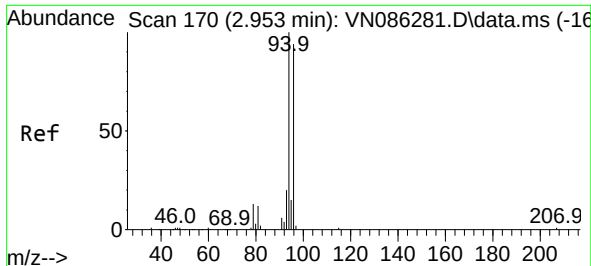
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#4
Vinyl Chloride
Concen: 39.936 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

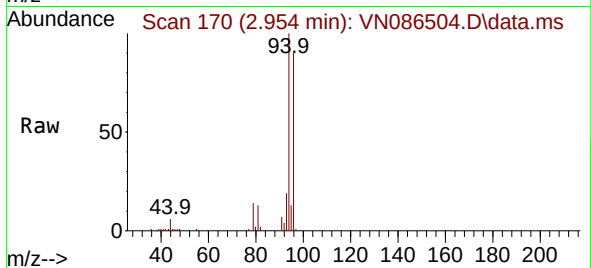
Tgt Ion: 62 Resp: 122759
Ion Ratio Lower Upper
62 100
64 31.0 25.6 38.4





#5
Bromomethane
Concen: 54.322 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

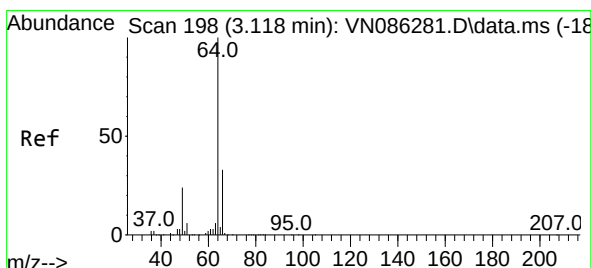
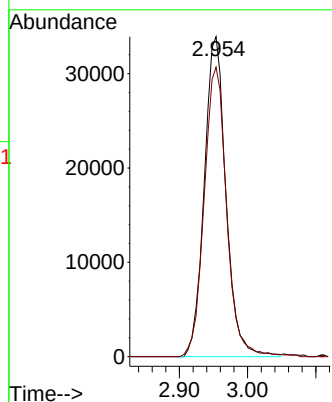
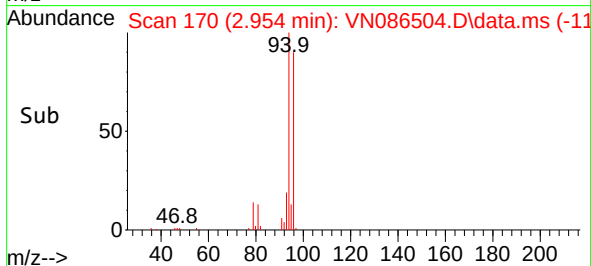
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 75110
Ion Ratio Lower Upper
94 100
96 90.4 75.2 112.8

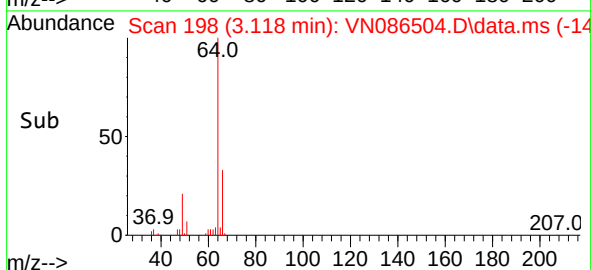
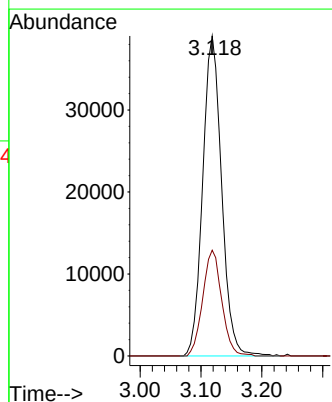
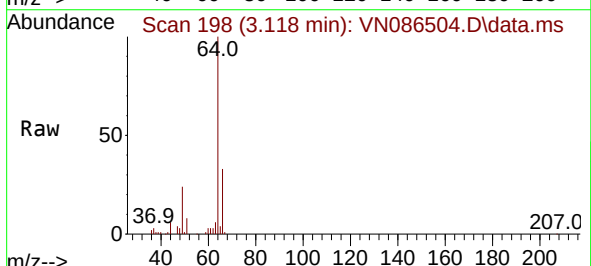
Manual Integrations
APPROVED

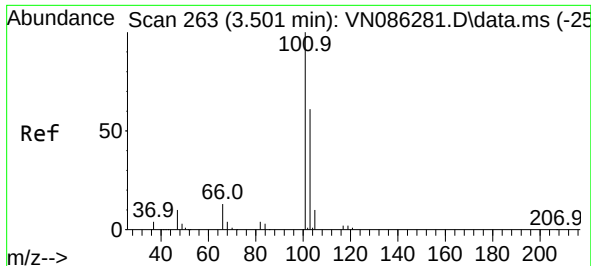
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#6
Chloroethane
Concen: 40.974 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

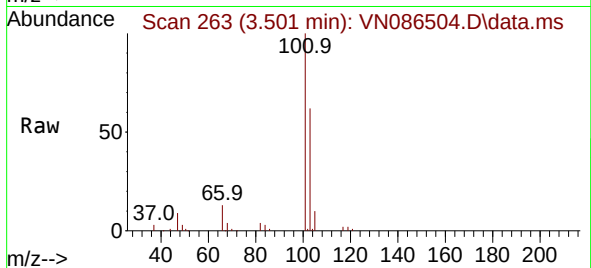
Tgt Ion: 64 Resp: 84296
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 47.087 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

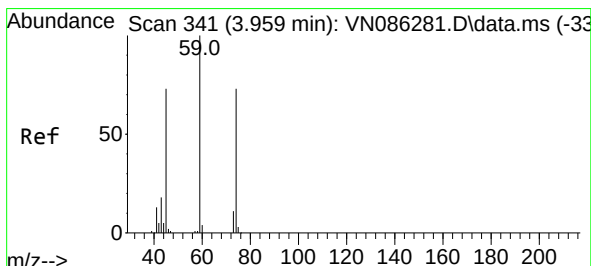
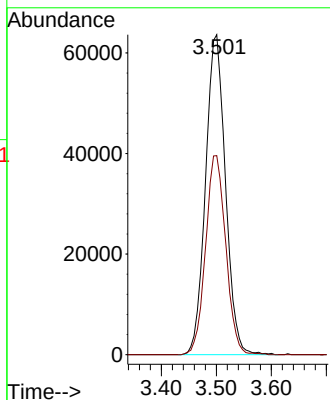
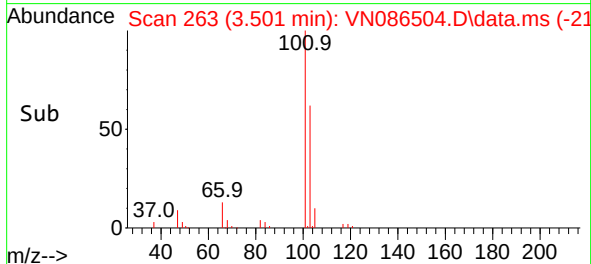
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 160328
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.2 73.8

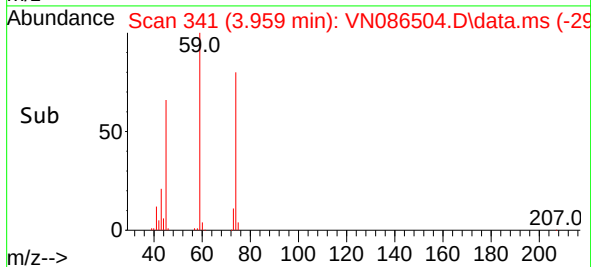
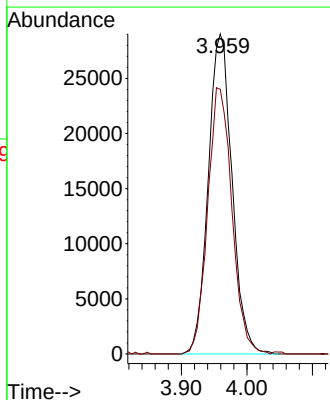
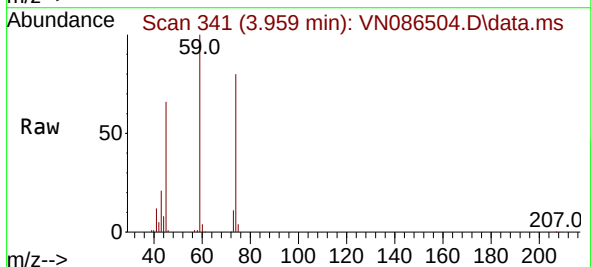
Manual Integrations
 APPROVED

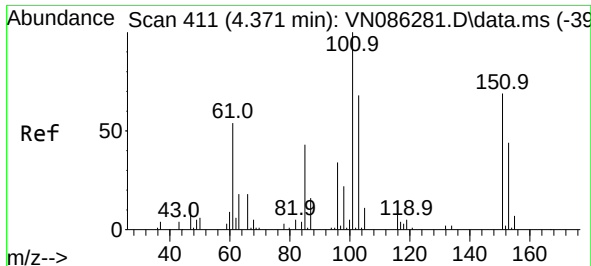
Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025



#8
 Diethyl Ether
 Concen: 49.246 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

Tgt Ion: 74 Resp: 73202
 Ion Ratio Lower Upper
 74 100
 45 84.6 48.0 144.2





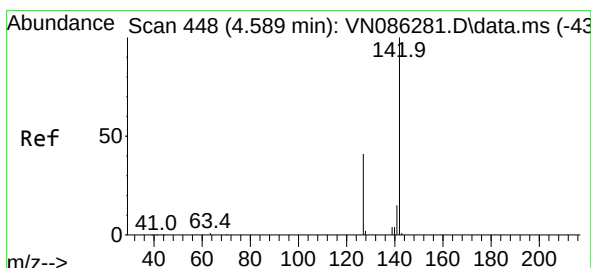
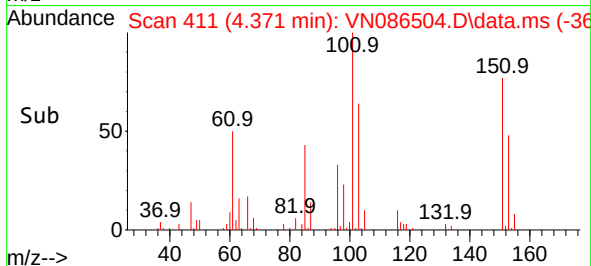
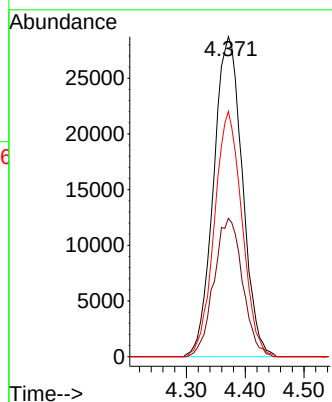
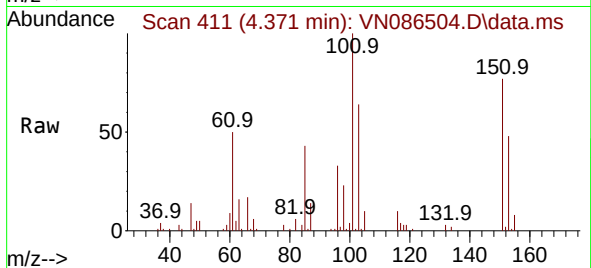
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.367 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9756
Ion Ratio Lower Upper
101 100
85 43.1 34.7 52.1
151 73.8 56.1 84.1

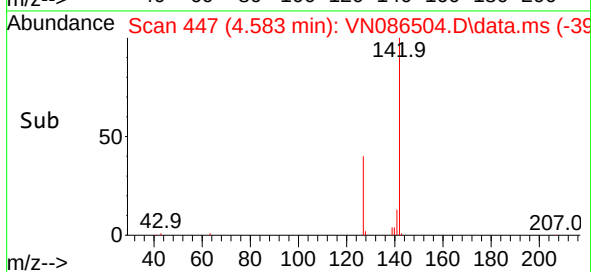
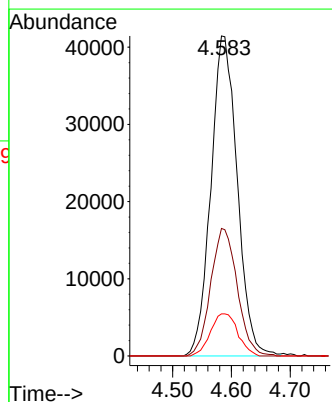
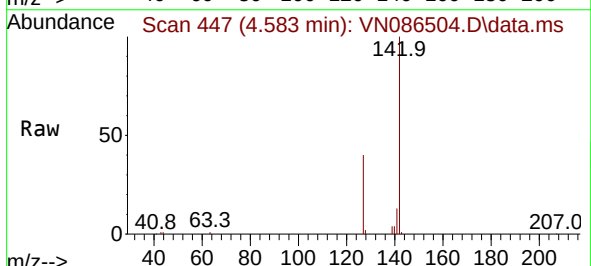
Manual Integrations
APPROVED

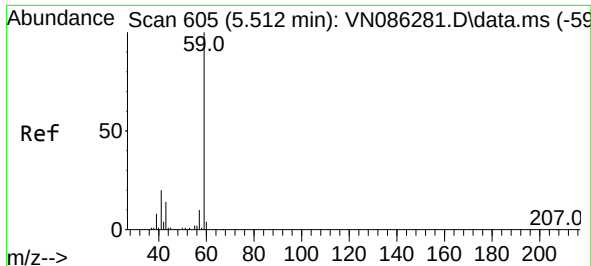
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#10
Methyl Iodide
Concen: 56.950 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

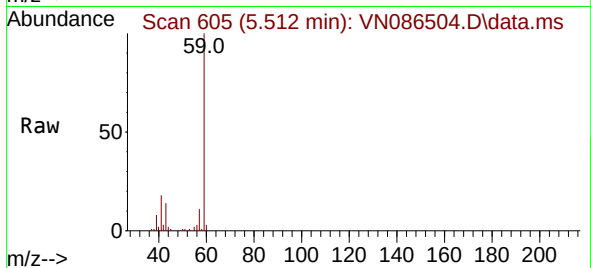
Tgt Ion:142 Resp: 128968
Ion Ratio Lower Upper
142 100
127 39.8 32.7 49.1
141 13.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 228.947 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

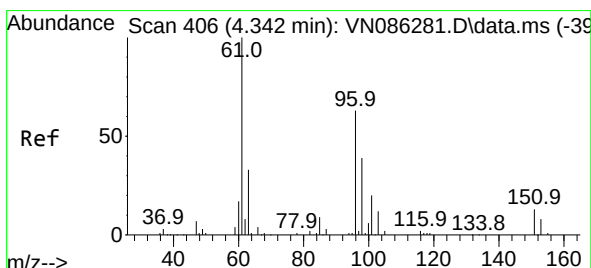
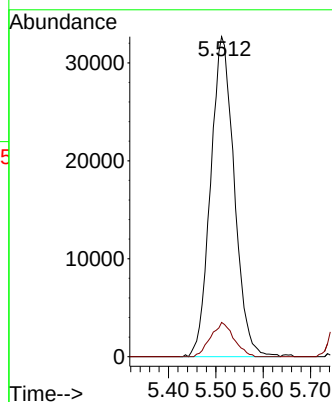
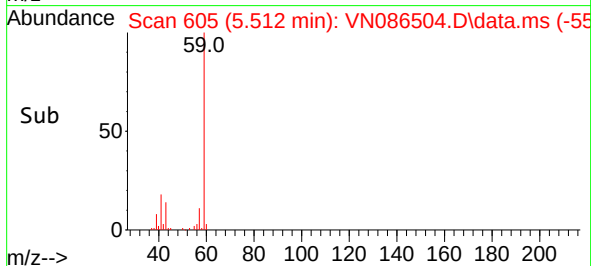
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



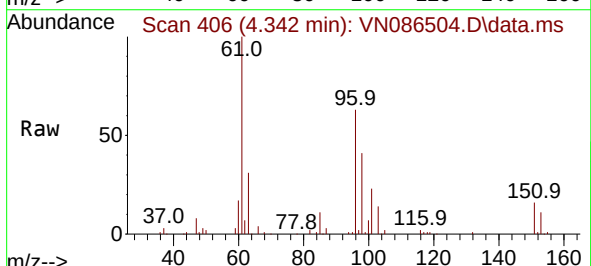
Tgt Ion: 59 Resp: 113258
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
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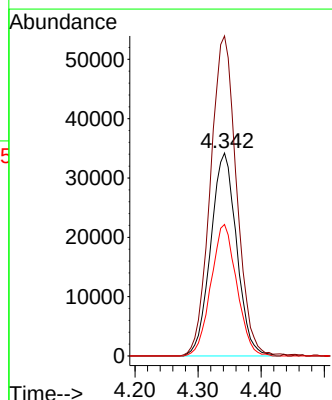
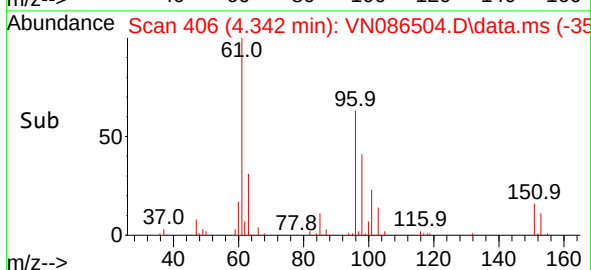
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

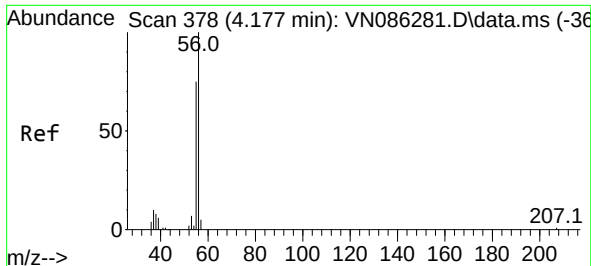


#12
1,1-Dichloroethene
Concen: 44.312 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35



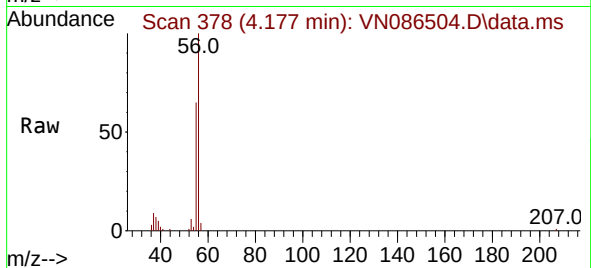
Tgt Ion: 96 Resp: 97515
Ion Ratio Lower Upper
96 100
61 157.7 126.6 189.8
98 64.8 49.6 74.4





#13
Acrolein
Concen: 293.679 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

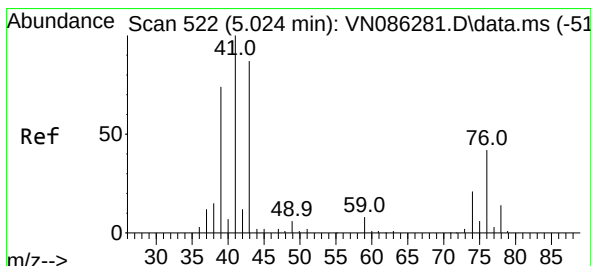
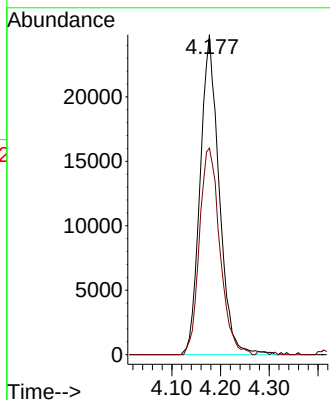
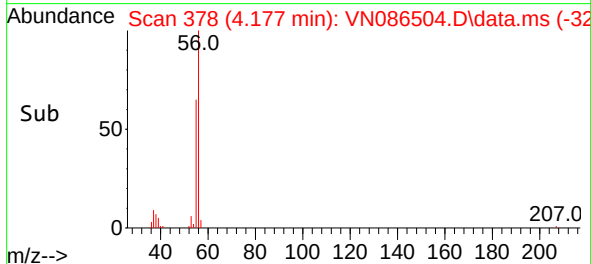
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



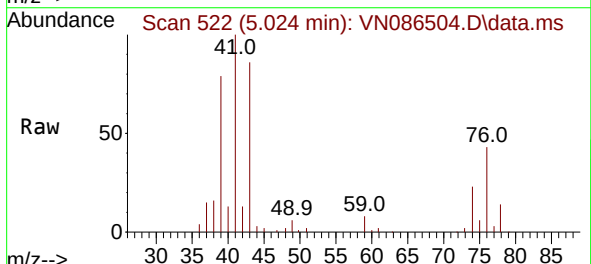
Tgt Ion: 56 Resp: 67130
Ion Ratio Lower Upper
56 100
55 69.5 58.5 87.7

Manual Integrations
APPROVED

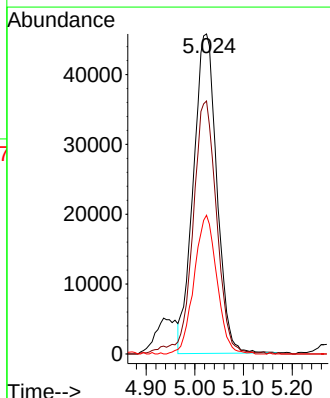
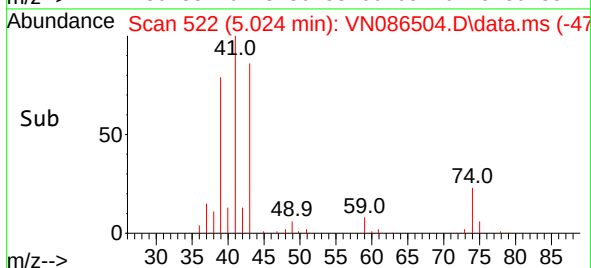
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

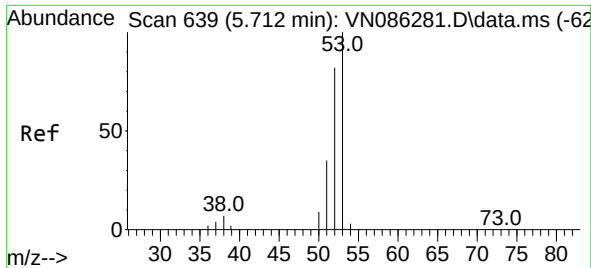


#14
Allyl chloride
Concen: 39.156 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35



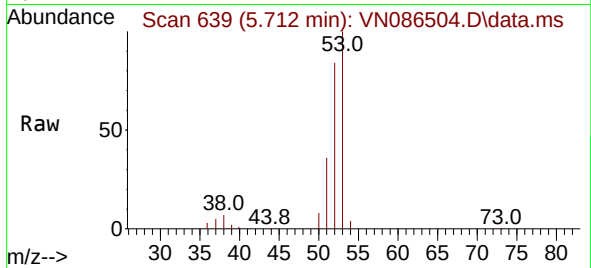
Tgt Ion: 41 Resp: 153180
Ion Ratio Lower Upper
41 100
39 80.3 59.2 88.8
76 42.2 31.2 46.8





#15
Acrylonitrile
Concen: 234.814 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

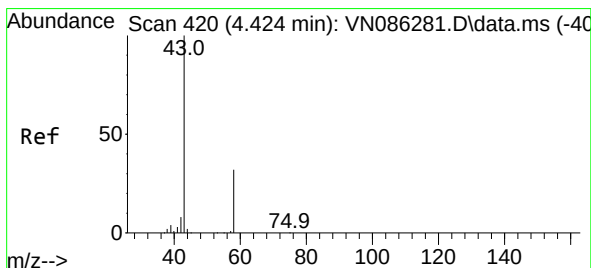
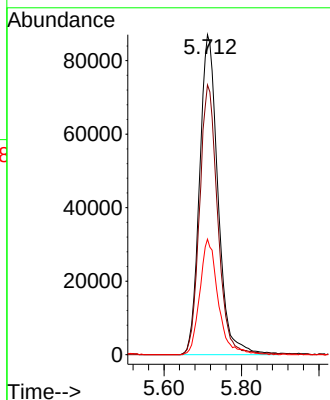
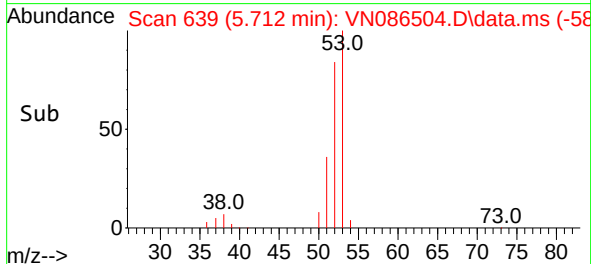
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 28715
Ion Ratio Lower Upper
53 100
52 82.6 65.5 98.3
51 36.0 28.6 42.8

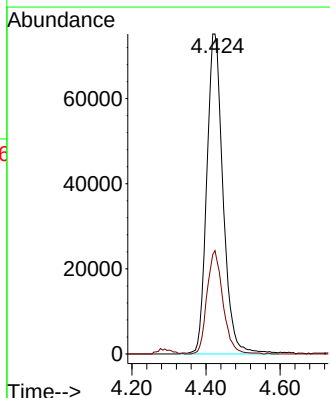
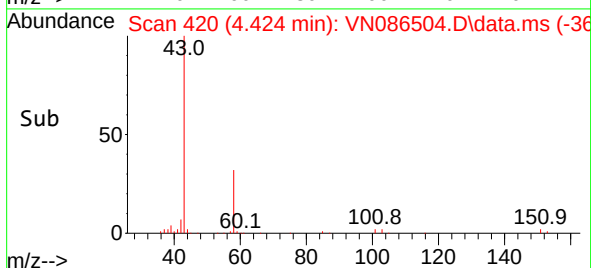
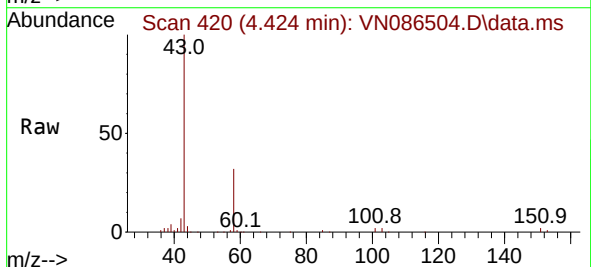
Manual Integrations
APPROVED

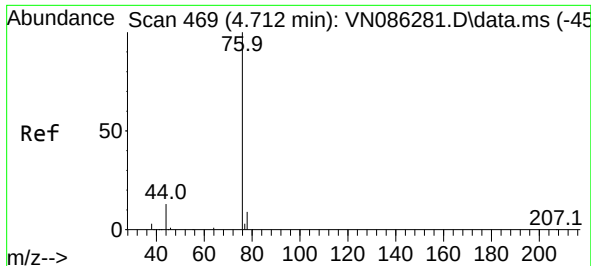
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#16
Acetone
Concen: 244.342 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 229166
Ion Ratio Lower Upper
43 100
58 32.3 25.3 37.9





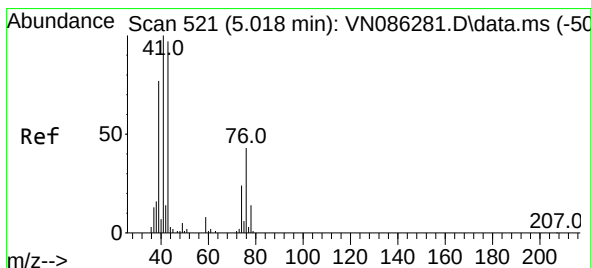
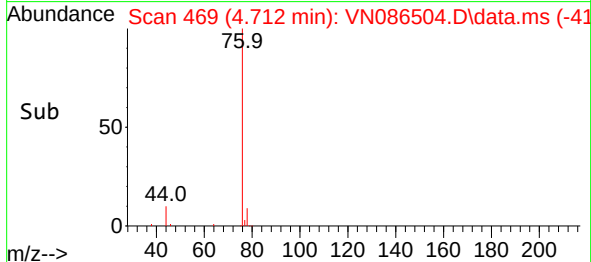
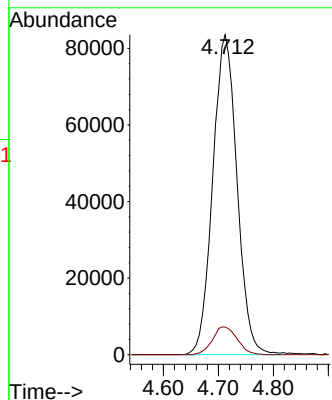
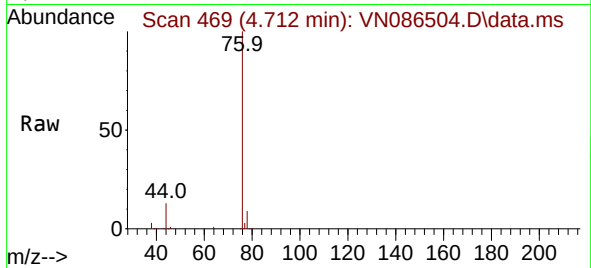
#17
Carbon Disulfide
Concen: 38.837 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 255907
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4

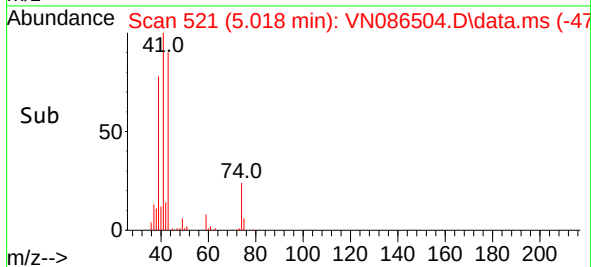
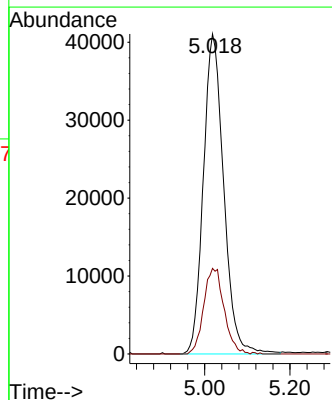
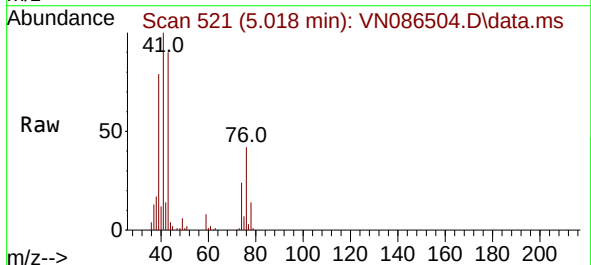
Manual Integrations
APPROVED

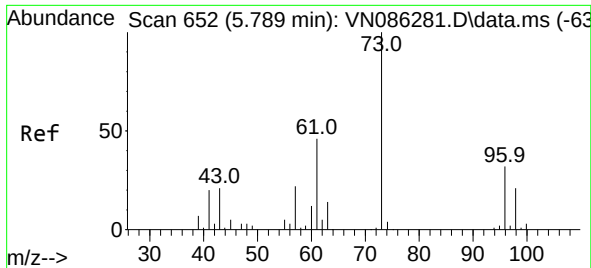
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#18
Methyl Acetate
Concen: 41.778 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 135966
Ion Ratio Lower Upper
43 100
74 26.7 19.8 29.6





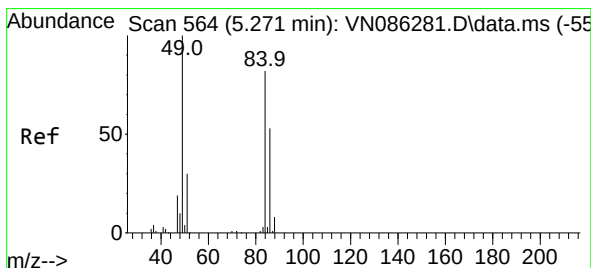
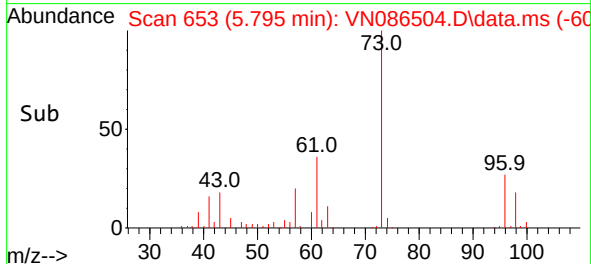
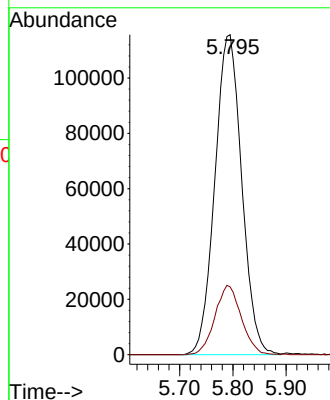
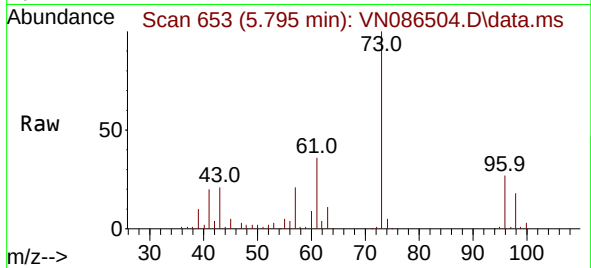
#19
Methyl tert-butyl Ether
Concen: 50.044 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 404824
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

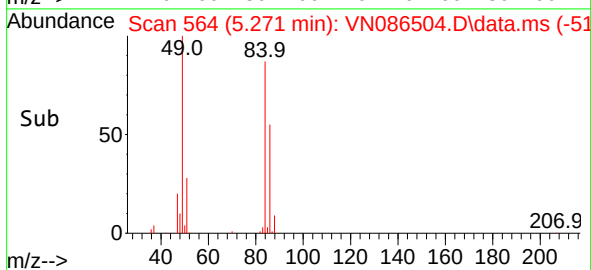
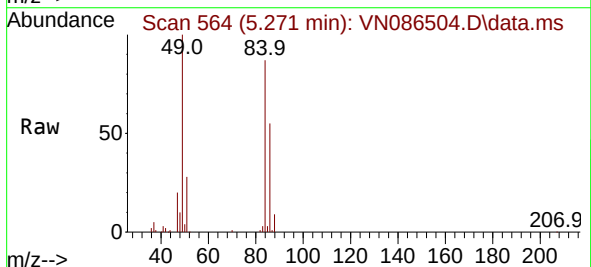
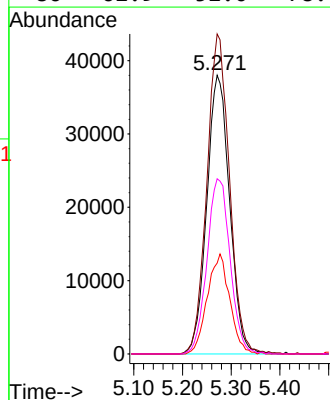
Manual Integrations
APPROVED

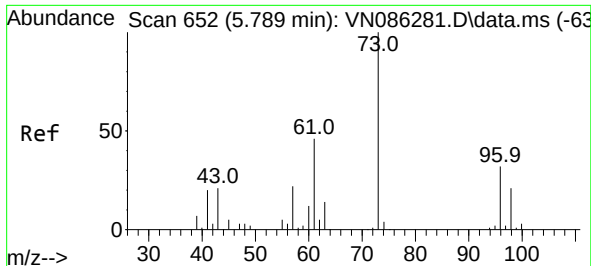
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#20
Methylene Chloride
Concen: 49.351 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

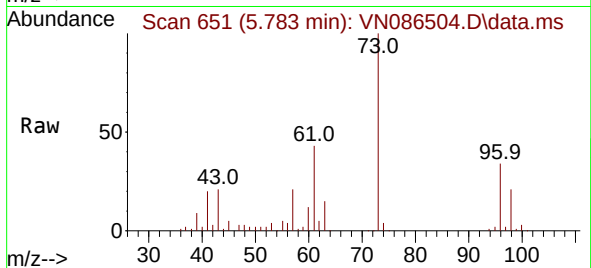
Tgt Ion: 84 Resp: 123698
Ion Ratio Lower Upper
84 100
49 114.8 98.2 147.2
51 32.6 29.8 44.6
86 62.9 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 48.068 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

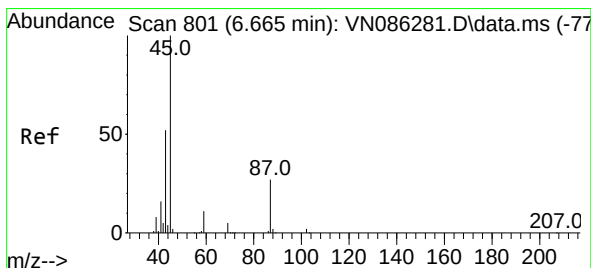
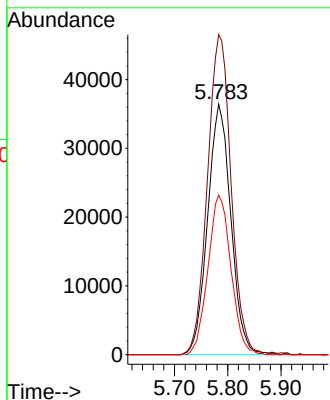
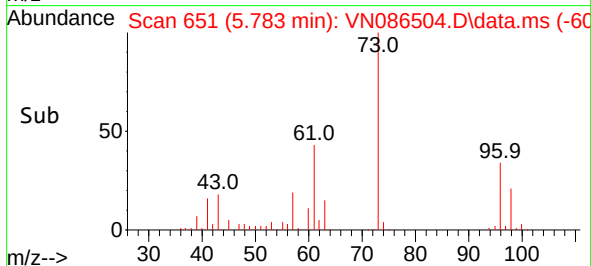
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 110590
Ion Ratio Lower Upper
96 100
61 127.6 114.6 171.8
98 63.7 51.2 76.8

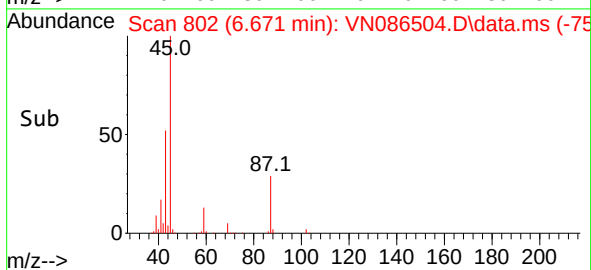
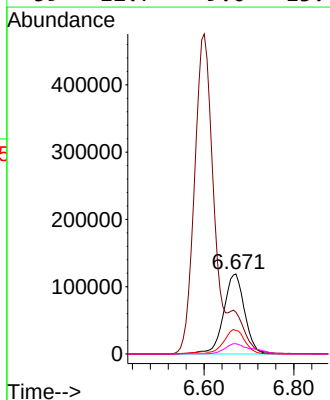
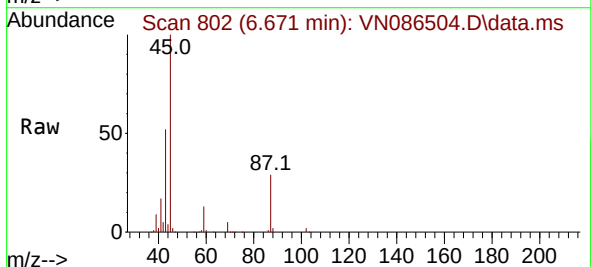
Manual Integrations
APPROVED

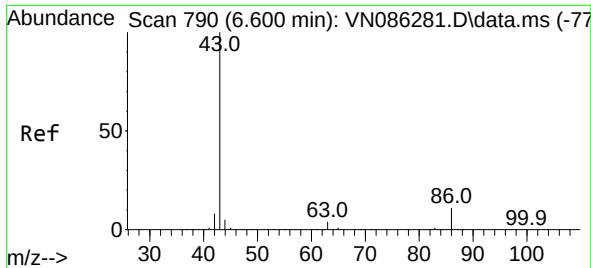
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#22
Diisopropyl ether
Concen: 45.301 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 45 Resp: 385514
Ion Ratio Lower Upper
45 100
43 51.4 41.8 62.8
87 29.2 21.6 32.4
59 12.7 9.0 13.4





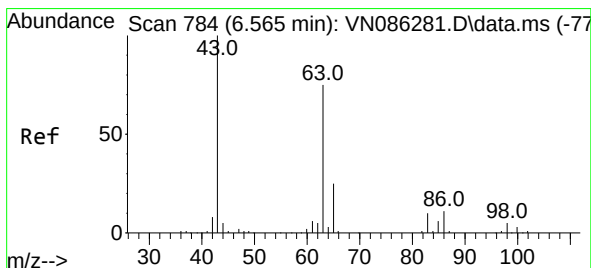
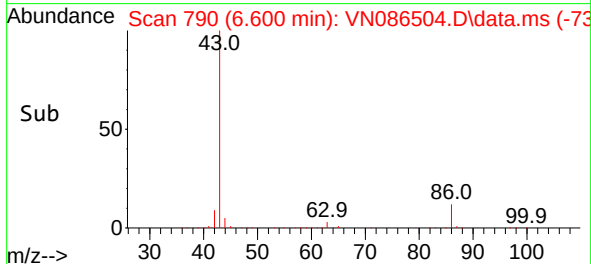
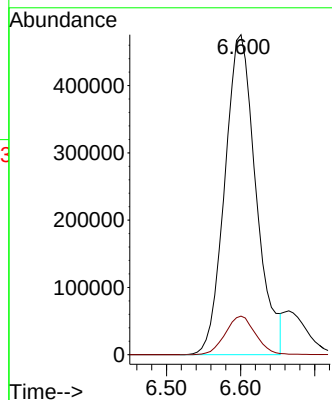
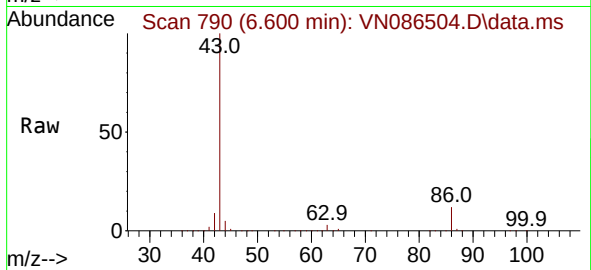
#23
 Vinyl Acetate
 Concen: 233.806 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1390910
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.6 13.0

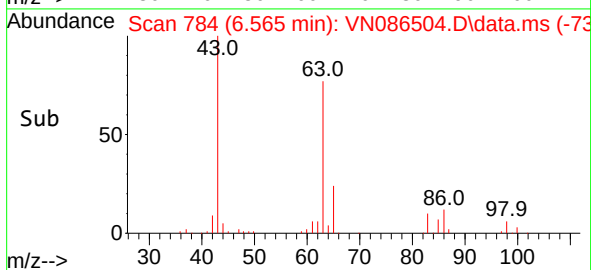
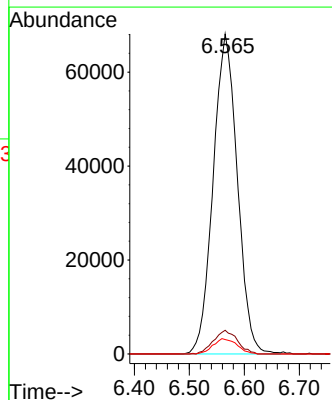
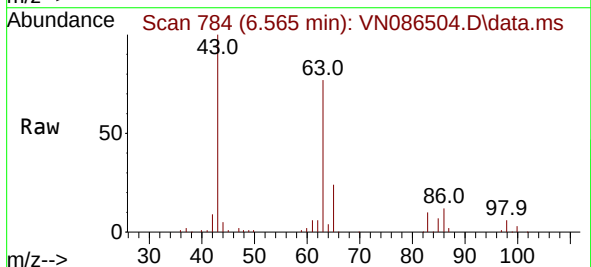
Manual Integrations
 APPROVED

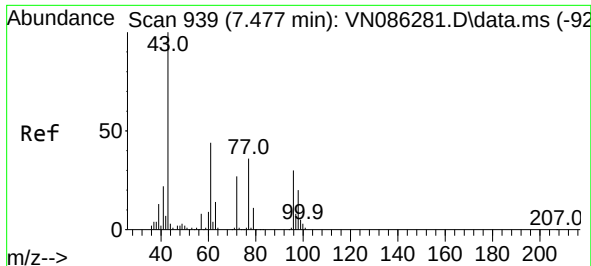
Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025



#24
 1,1-Dichloroethane
 Concen: 46.419 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

Tgt Ion: 63 Resp: 208432
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.5 2.1 6.5





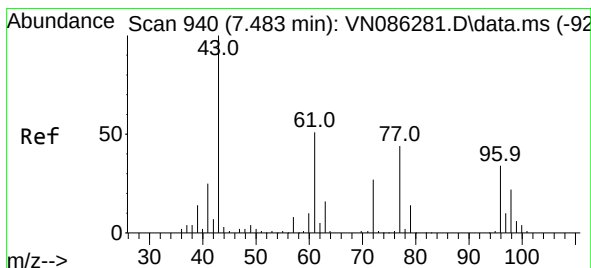
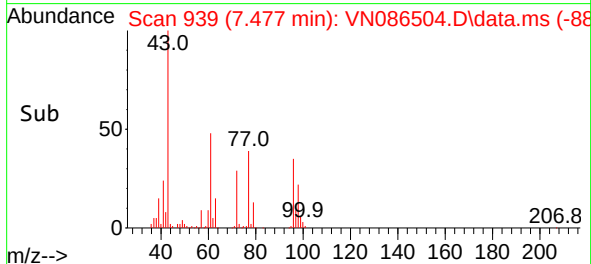
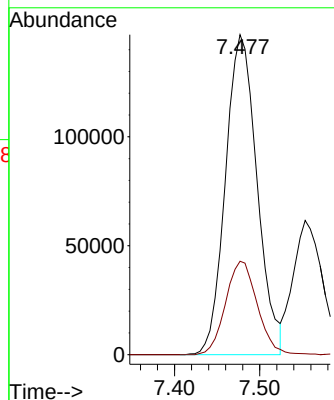
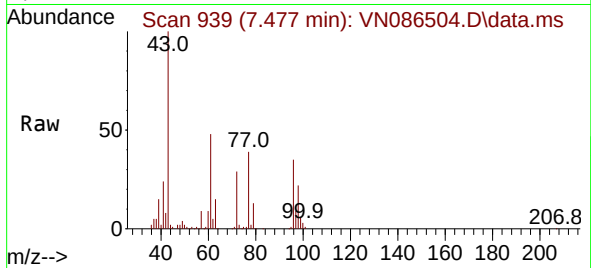
#25
2-Butanone
Concen: 224.541 ug/l
RT: 7.477 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 378939
Ion Ratio Lower Upper
43 100
72 29.2 21.7 32.5

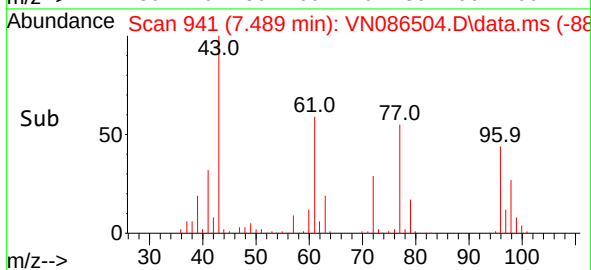
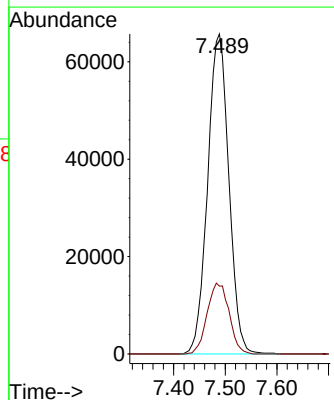
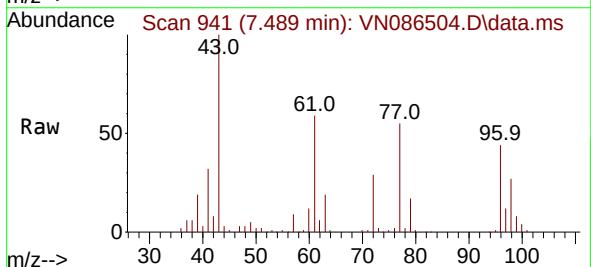
Manual Integrations
APPROVED

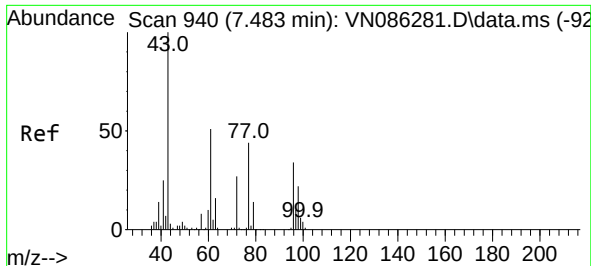
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#26
2,2-Dichloropropane
Concen: 46.561 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

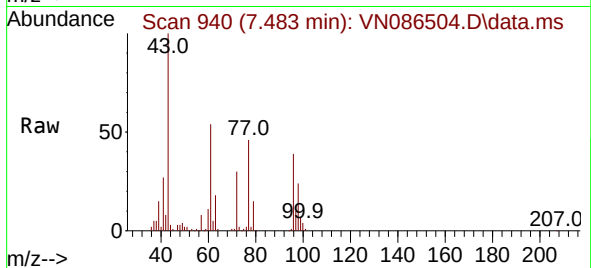
Tgt Ion: 77 Resp: 187192
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 50.460 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

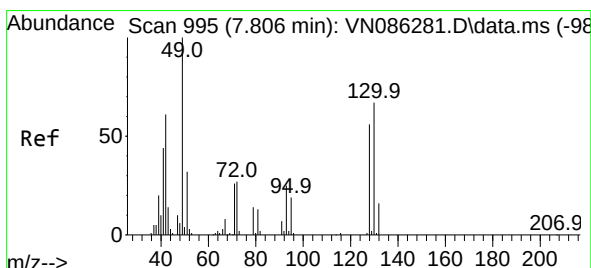
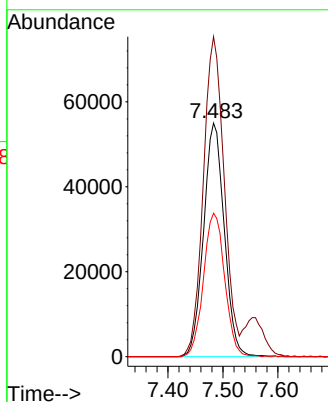
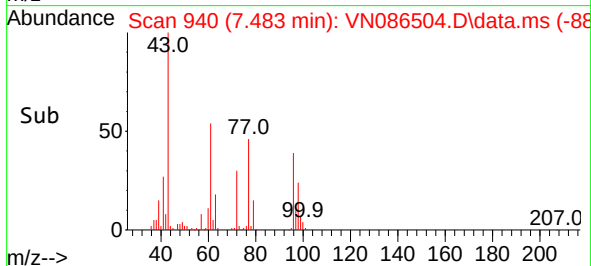
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 144092
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 299.0
 98 62.9 0.0 129.6

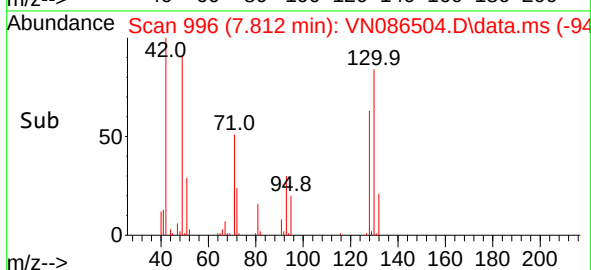
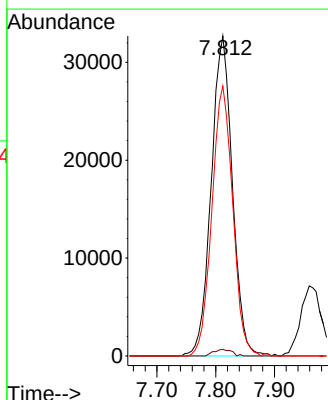
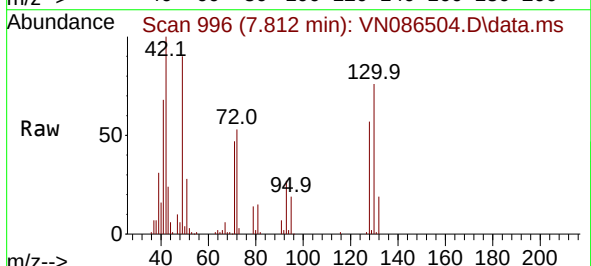
Manual Integrations
 APPROVED

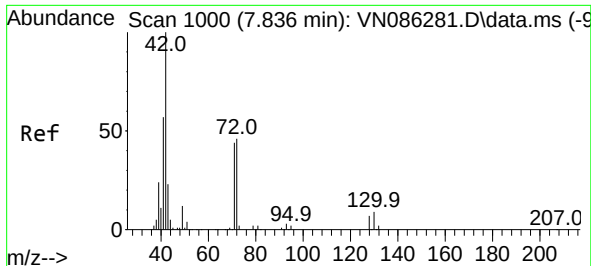
Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025



#28
 Bromochloromethane
 Concen: 42.971 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

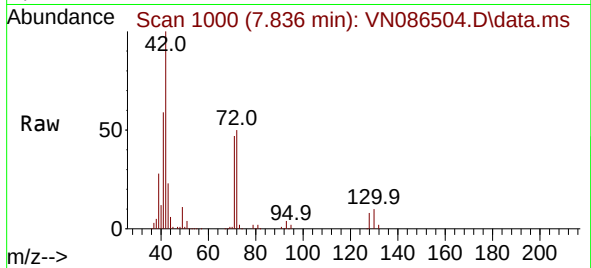
Tgt Ion: 49 Resp: 81811
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 82.9 57.1 85.7





#29
Tetrahydrofuran
Concen: 220.791 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

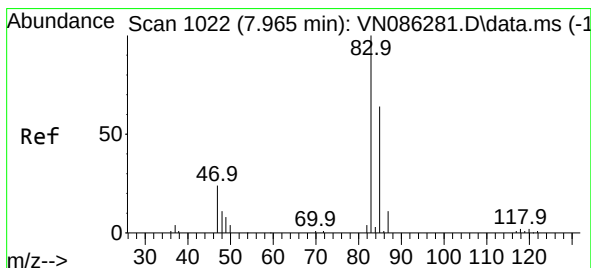
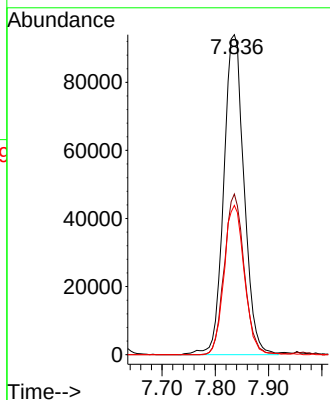
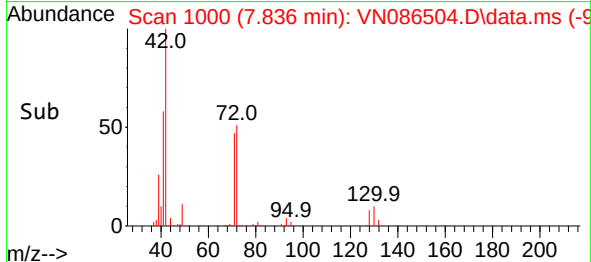
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 24916
Ion Ratio Lower Upper
42 100
72 49.3 36.2 54.4
71 46.7 34.0 51.0

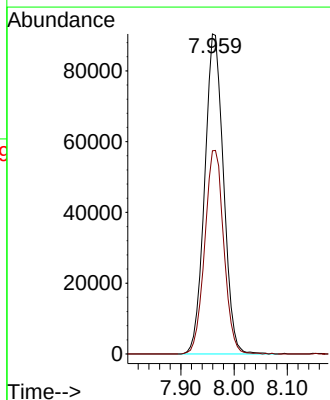
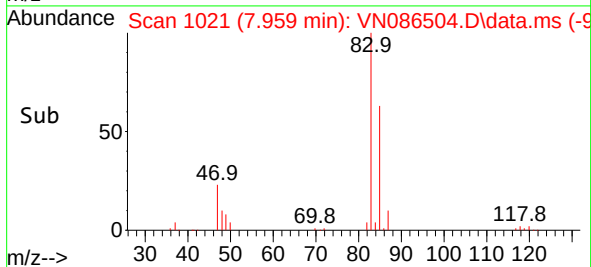
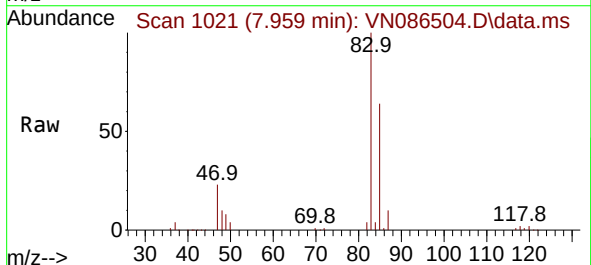
Manual Integrations
APPROVED

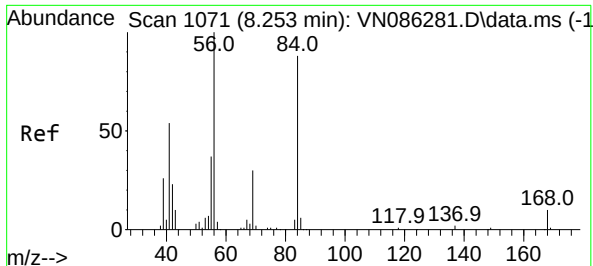
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#30
Chloroform
Concen: 50.306 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

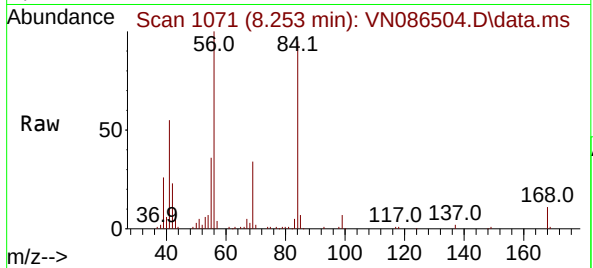
Tgt Ion: 83 Resp: 221894
Ion Ratio Lower Upper
83 100
85 63.5 51.5 77.3





#31
Cyclohexane
Concen: 39.129 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

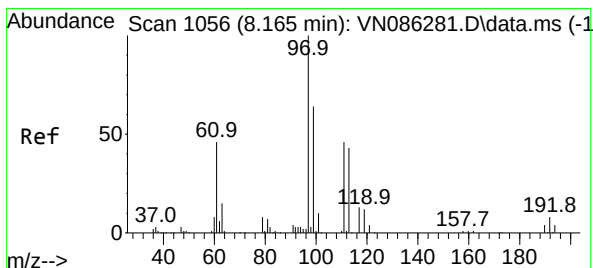
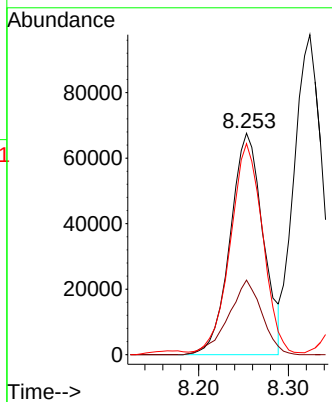
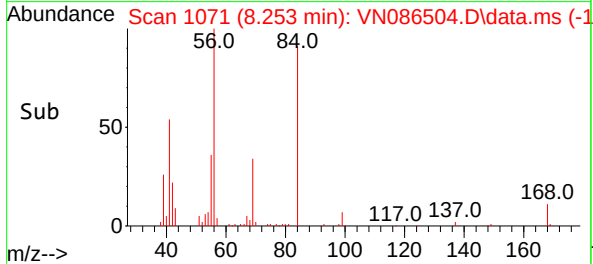
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



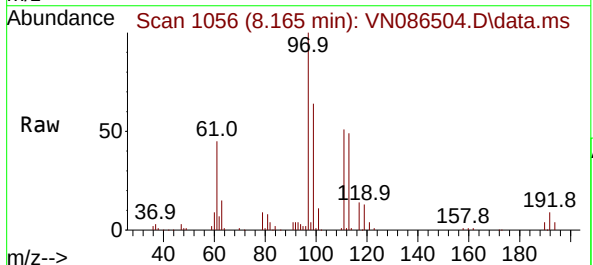
Tgt Ion: 56 Resp: 17192
Ion Ratio Lower Upper
56 100
69 33.7 24.2 36.2
84 93.6 70.3 105.5

Manual Integrations
APPROVED

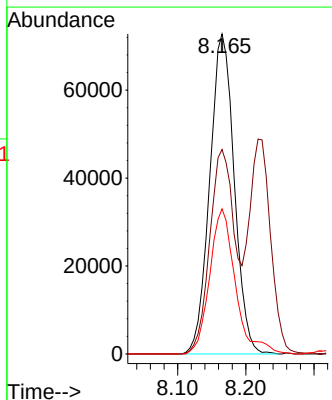
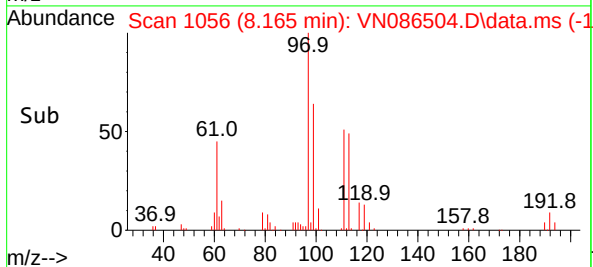
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

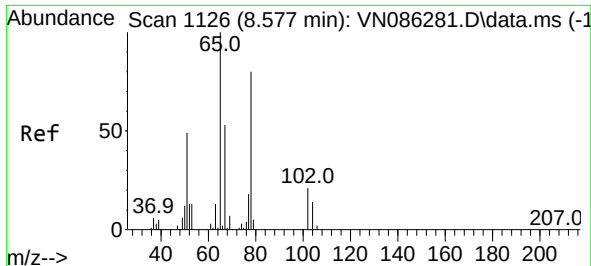


#32
1,1,1-Trichloroethane
Concen: 48.218 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35



Tgt Ion: 97 Resp: 181942
Ion Ratio Lower Upper
97 100
99 65.7 52.7 79.1
61 47.6 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 48.151 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 130550

Ion Ratio Lower Upper

65 100

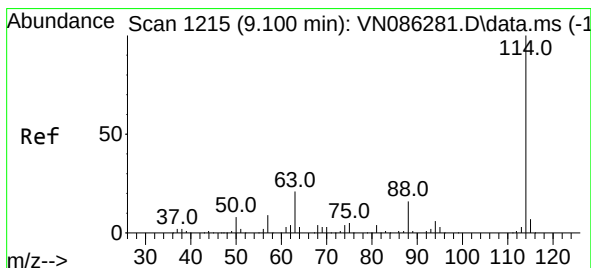
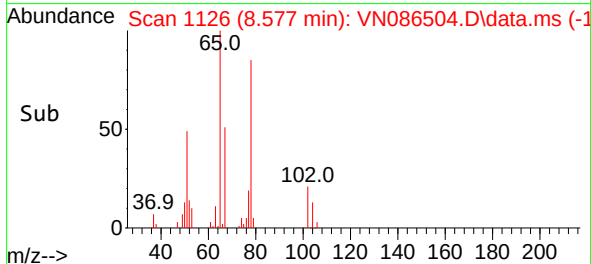
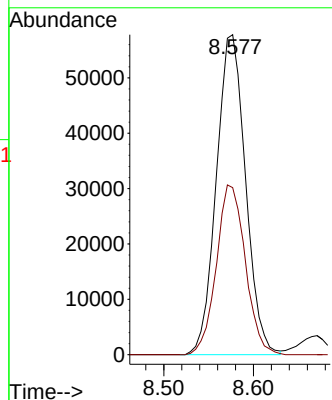
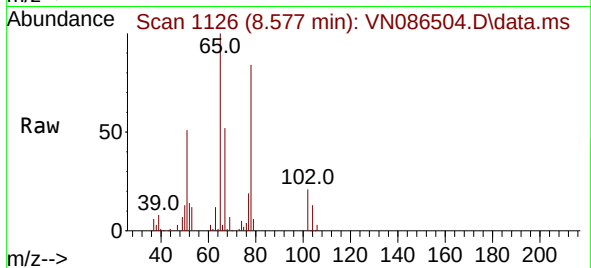
67 52.7 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

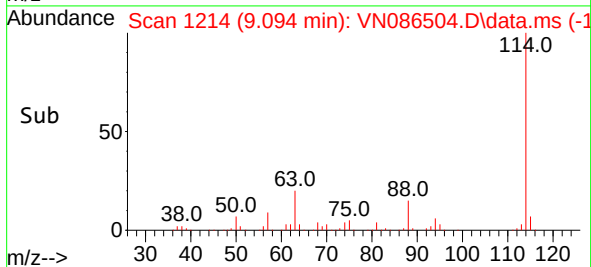
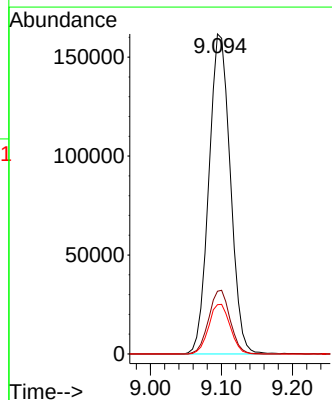
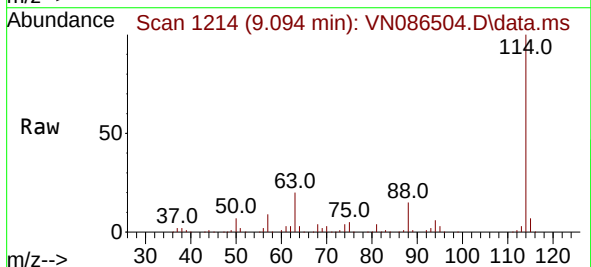
Tgt Ion:114 Resp: 338775

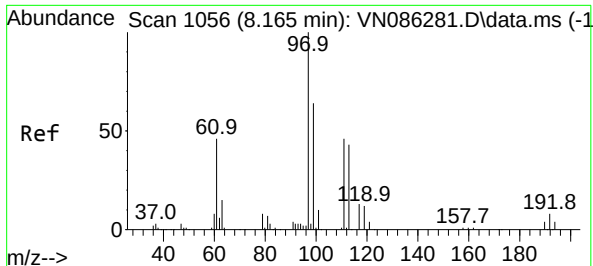
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

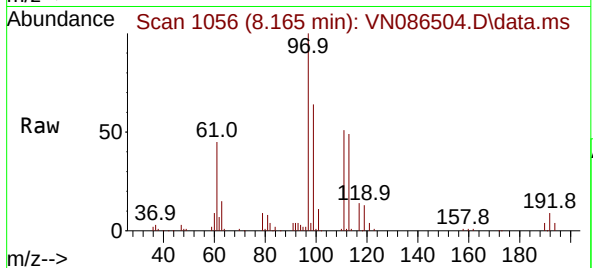
88 15.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 53.831 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

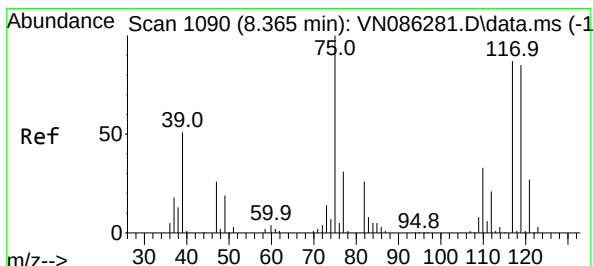
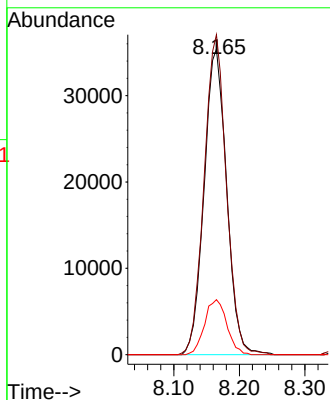
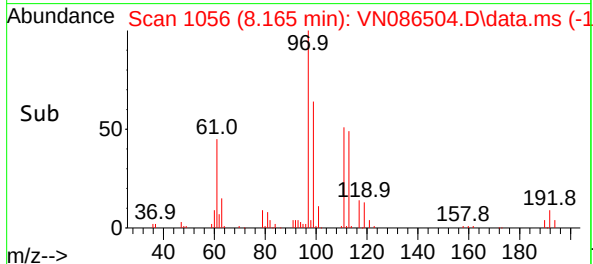
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



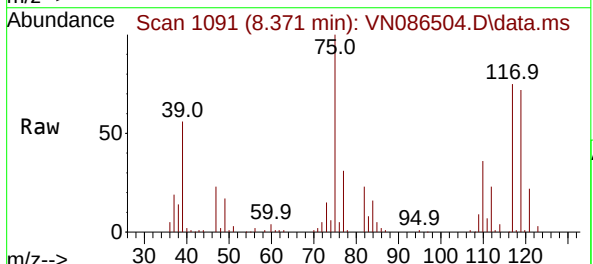
Tgt Ion: 113 Resp: 84639
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.0
192 17.8 13.7 20.5

Manual Integrations
APPROVED

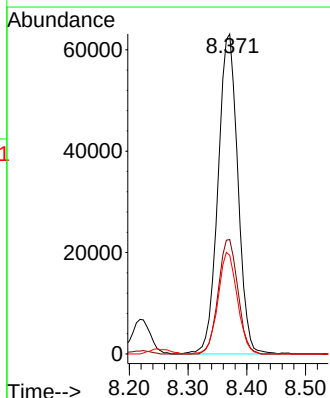
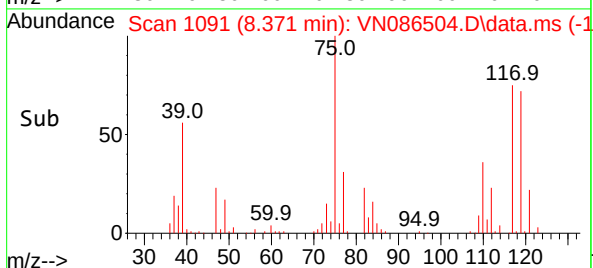
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

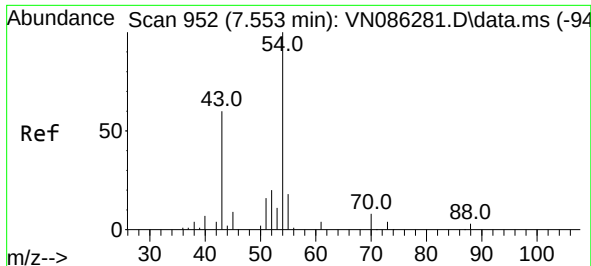


#36
1,1-Dichloropropene
Concen: 46.967 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35



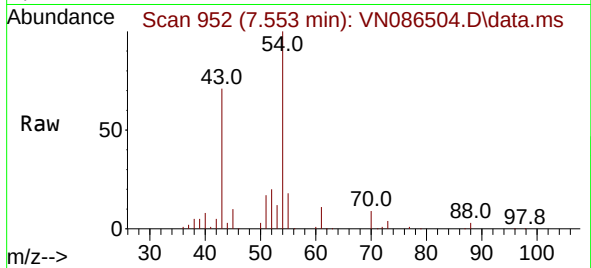
Tgt Ion: 75 Resp: 147497
Ion Ratio Lower Upper
75 100
110 35.5 16.8 50.4
77 31.1 24.9 37.3





#37
Ethyl Acetate
Concen: 46.172 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

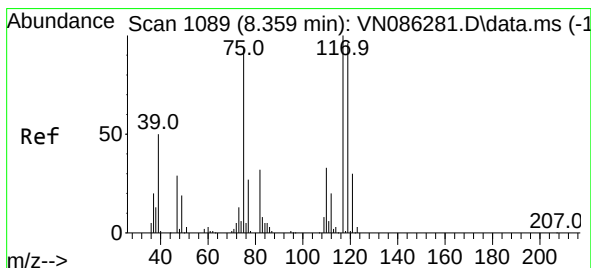
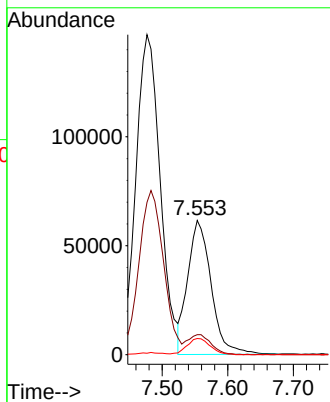
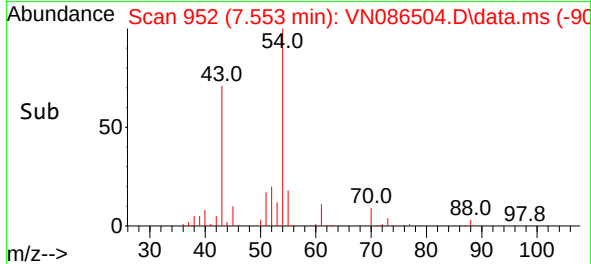
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 152654
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 12.0 9.2 13.8

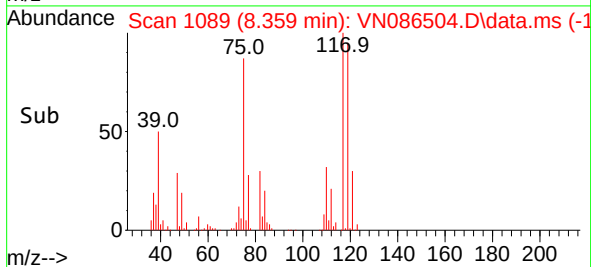
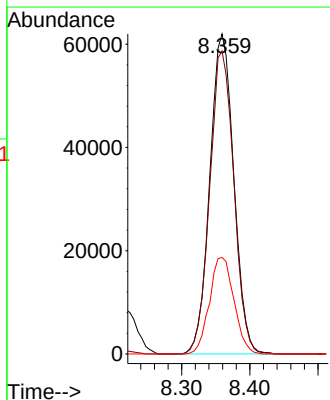
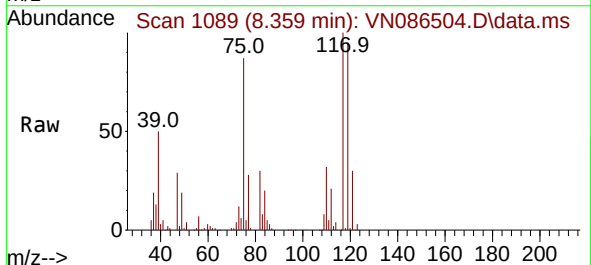
Manual Integrations
APPROVED

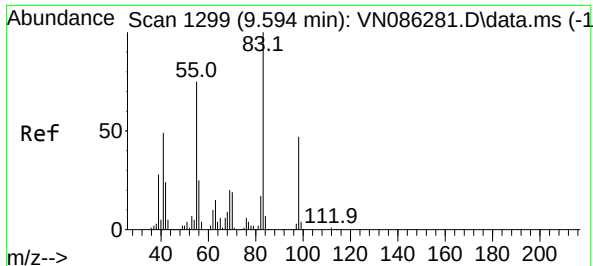
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#38
Carbon Tetrachloride
Concen: 50.659 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:117 Resp: 151505
Ion Ratio Lower Upper
117 100
119 94.6 76.8 115.2
121 30.2 23.8 35.8





#39

Methylcyclohexane

Concen: 44.873 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

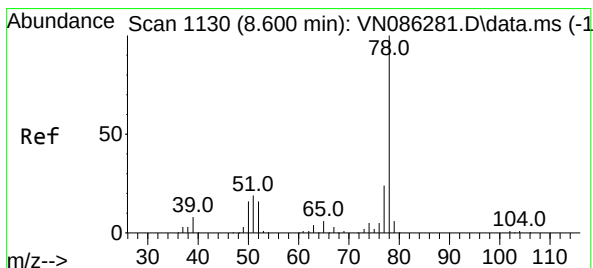
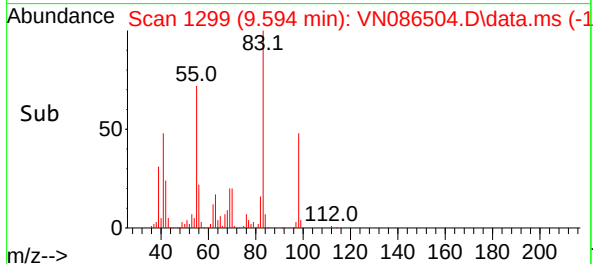
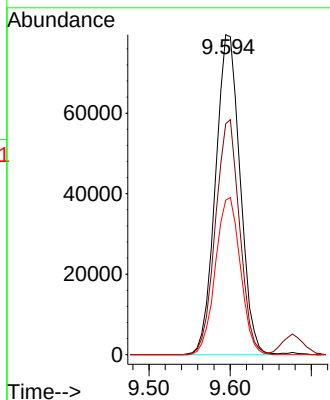
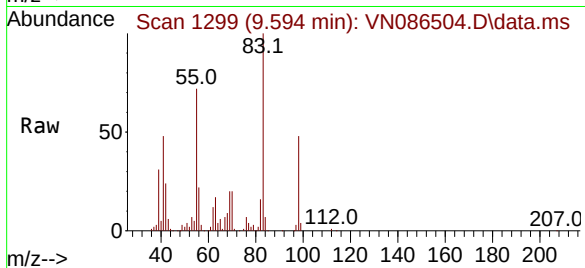
Tgt Ion:	83	Resp:	16749
Ion Ratio	Lower	Upper	
83	100		
55	72.1	59.8	89.8
98	48.3	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#40

Benzene

Concen: 49.232 ug/l

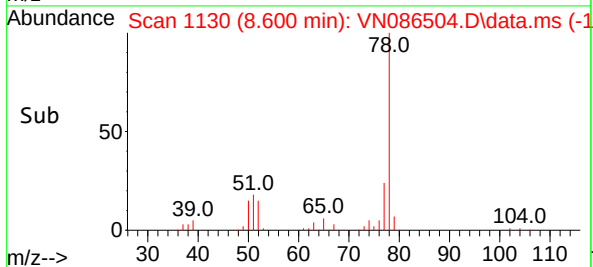
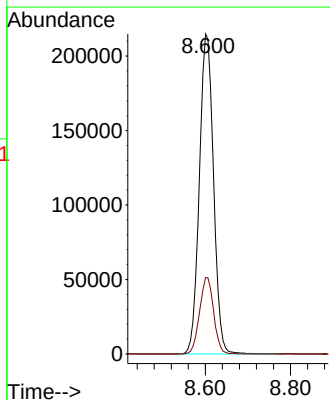
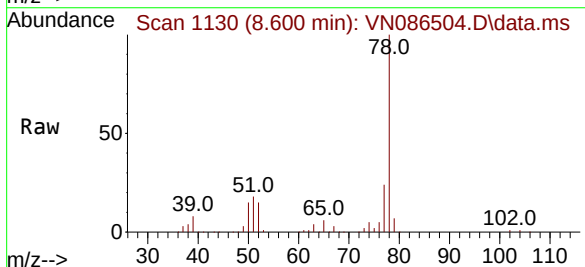
RT: 8.600 min Scan# 1130

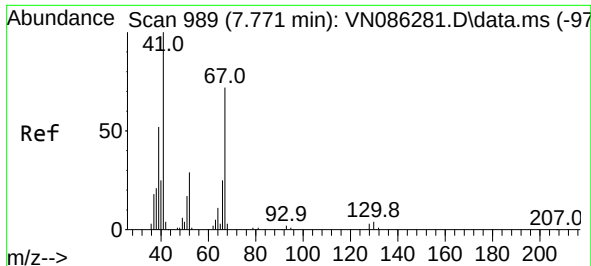
Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

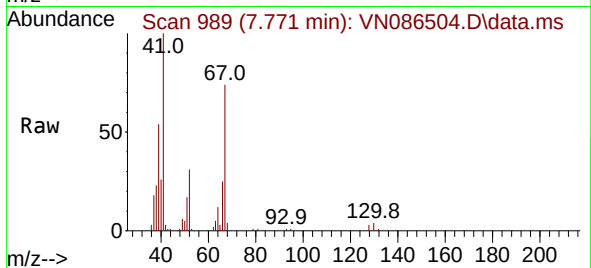
Tgt Ion:	78	Resp:	495357
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.4	29.2





#41
Methacrylonitrile
Concen: 46.194 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

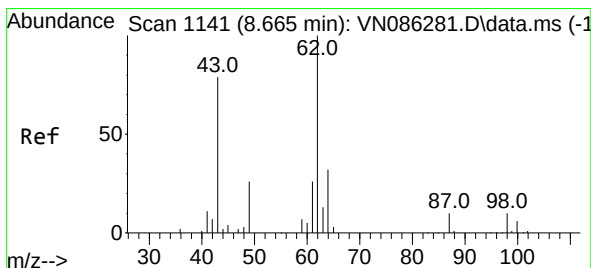
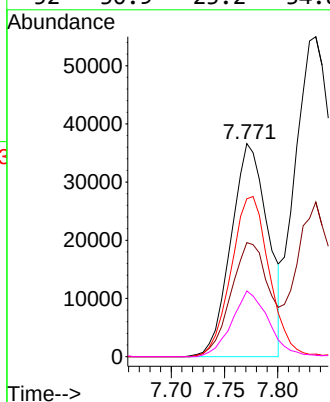
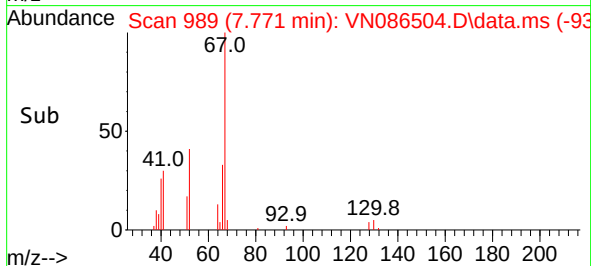
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	8851
Ion Ratio	100	Lower	Upper
39	55.0	43.0	64.4
67	77.7	58.8	88.2
52	30.9	23.2	34.8

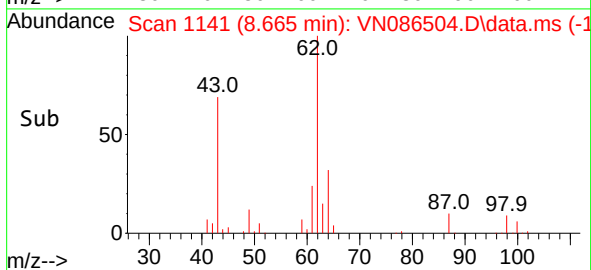
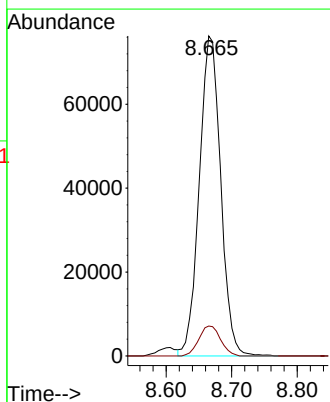
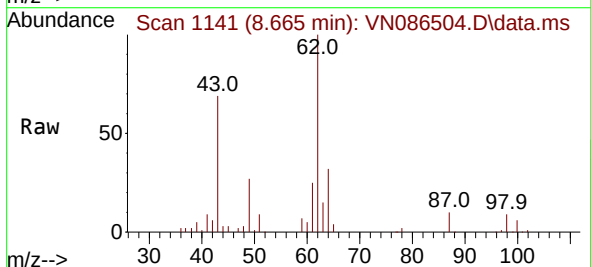
Manual Integrations
APPROVED

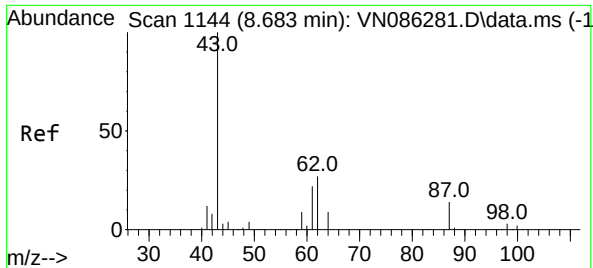
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#42
1,2-Dichloroethane
Concen: 53.978 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:	62	Resp:	173196
Ion Ratio	100	Lower	Upper
98	9.5	0.0	19.2





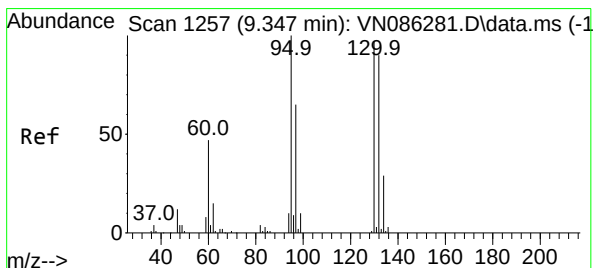
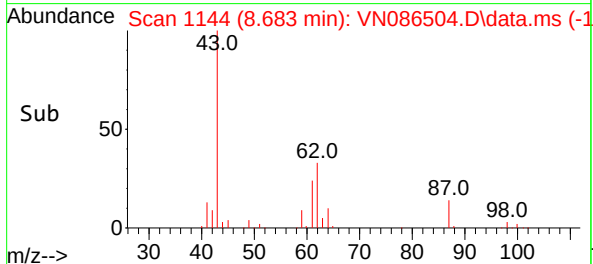
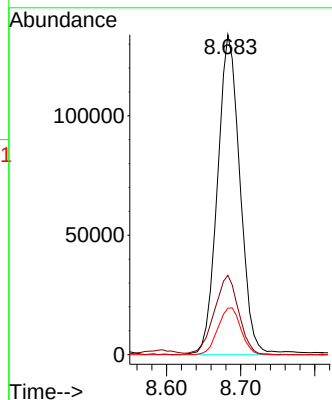
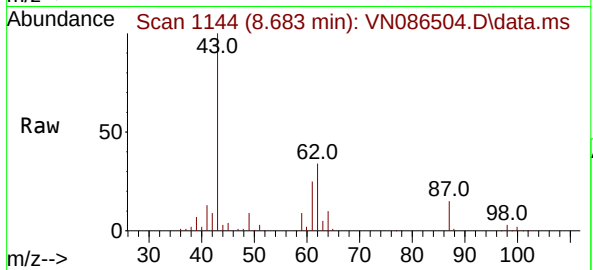
#43
Isopropyl Acetate
Concen: 47.497 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28187
Ion Ratio Lower Upper
43 100
61 27.0 20.5 30.7
87 15.0 10.5 15.7

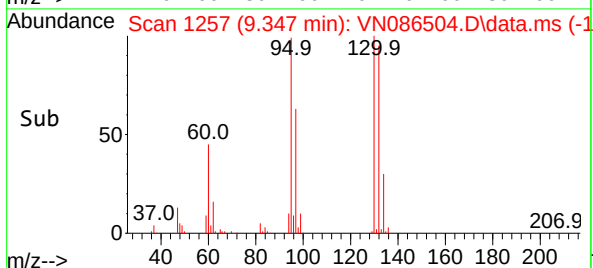
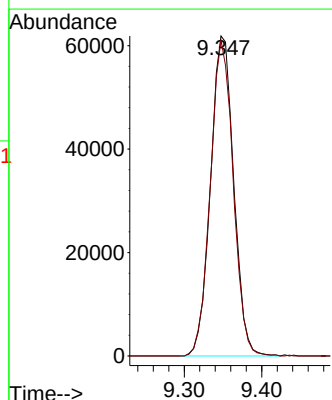
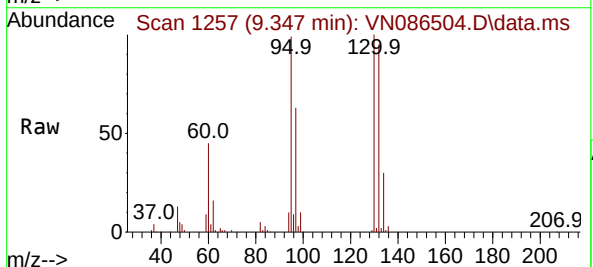
Manual Integrations
APPROVED

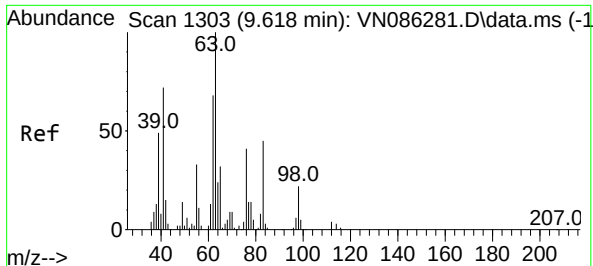
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#44
Trichloroethene
Concen: 53.841 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:130 Resp: 128400
Ion Ratio Lower Upper
130 100
95 98.7 0.0 207.2





#45

1,2-Dichloropropane

Concen: 49.467 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12183

Ion Ratio Lower Upper

63 100

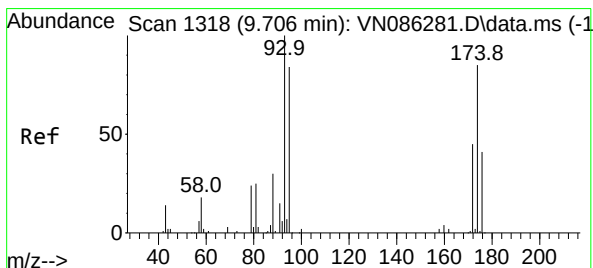
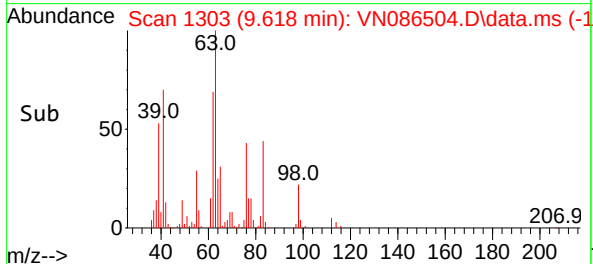
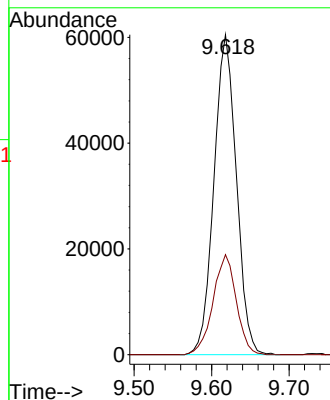
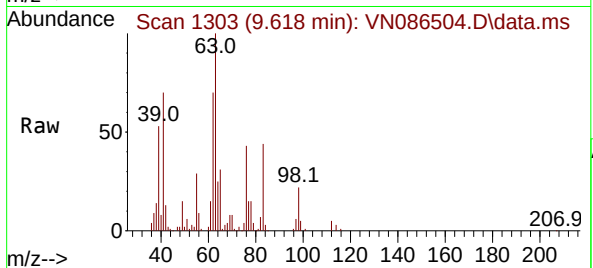
65 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#46

Dibromomethane

Concen: 56.513 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

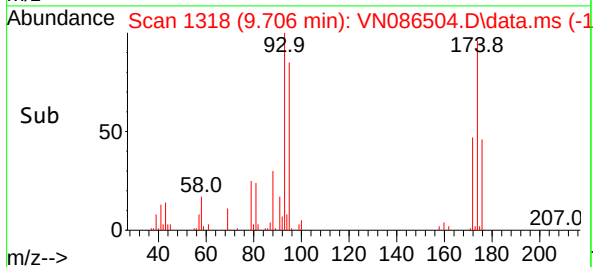
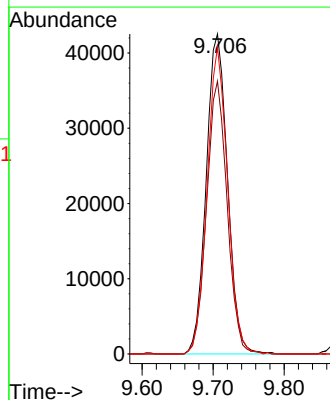
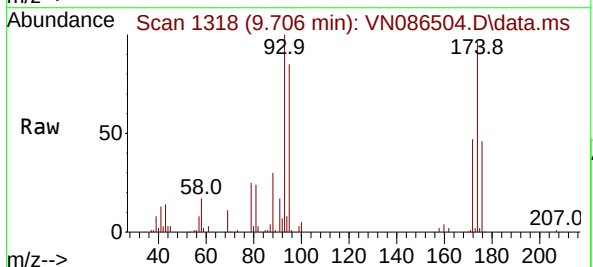
Tgt Ion: 93 Resp: 88683

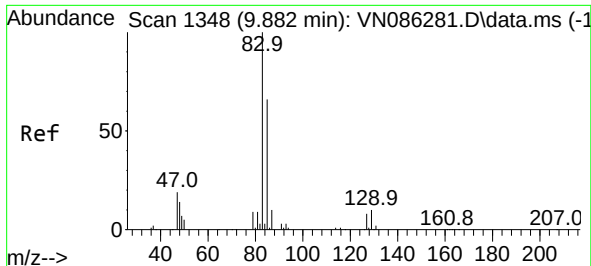
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

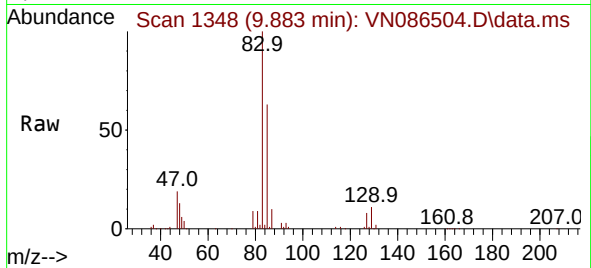
174 92.1 67.8 101.6





#47
Bromodichloromethane
Concen: 54.188 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

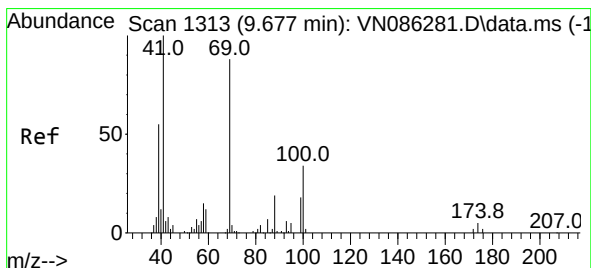
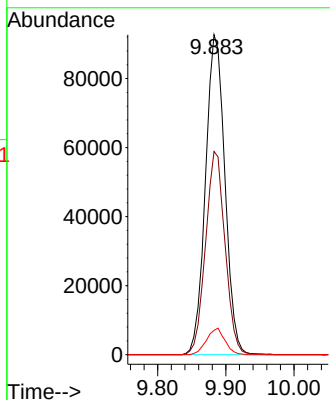
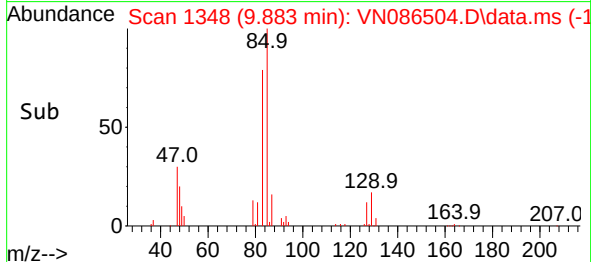
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



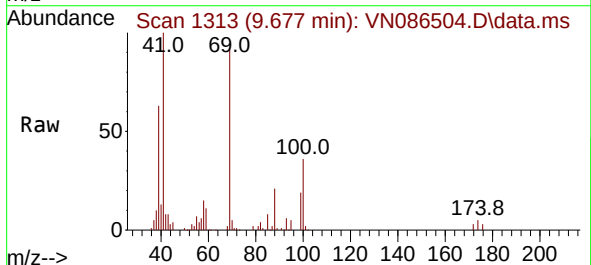
Tgt Ion: 83 Resp: 183659
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8
127 7.6 6.1 9.1

Manual Integrations
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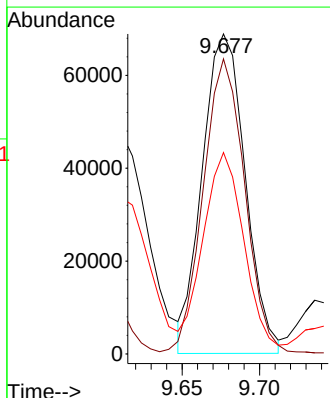
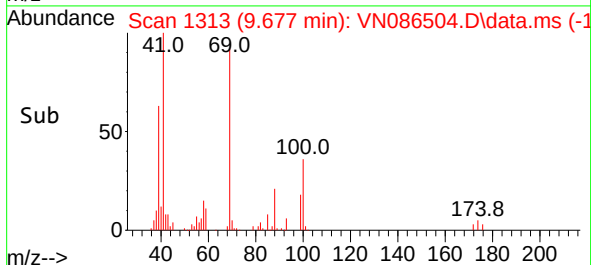
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

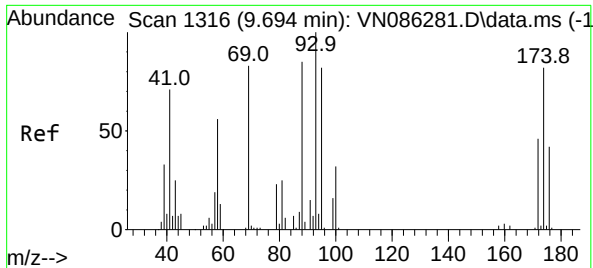


#48
Methyl methacrylate
Concen: 45.599 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35



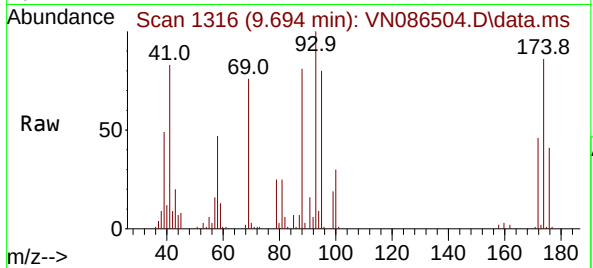
Tgt Ion: 41 Resp: 132393
Ion Ratio Lower Upper
41 100
69 90.3 68.2 102.2
39 60.8 45.2 67.8





#49
1,4-Dioxane
Concen: 1037.266 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

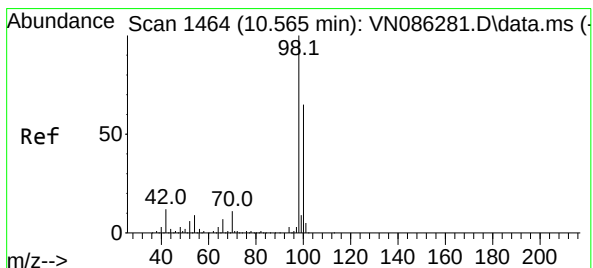
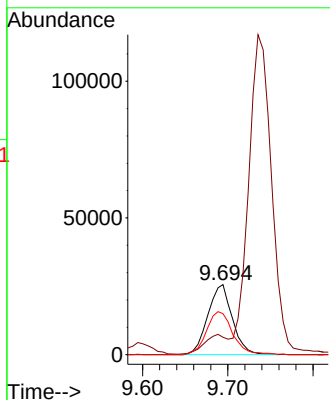
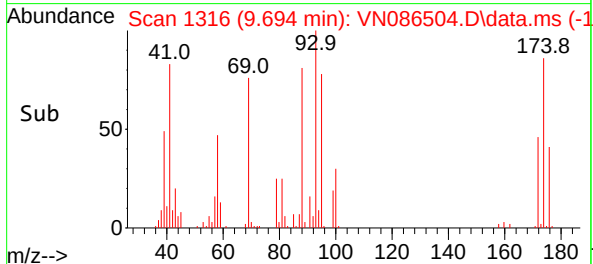
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 5122
Ion Ratio Lower Upper
88 100
43 26.0 23.8 35.8
58 66.0 57.4 86.2

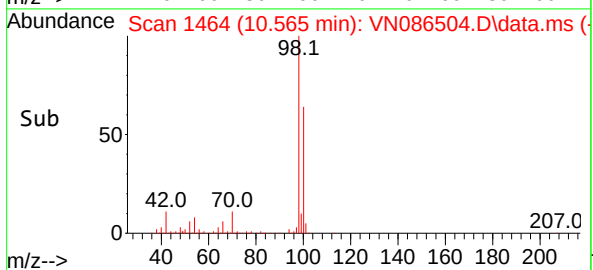
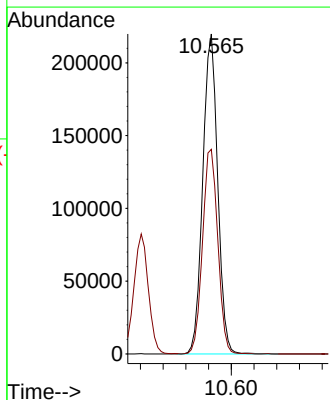
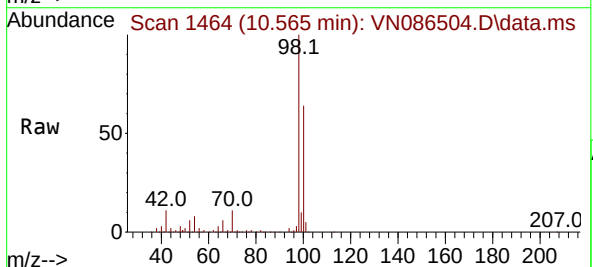
Manual Integrations
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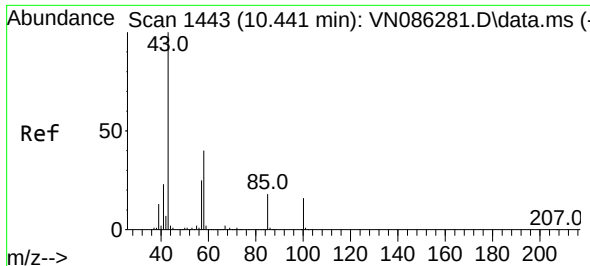
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#50
Toluene-d8
Concen: 47.496 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

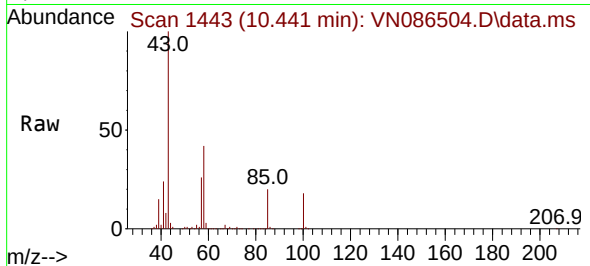
Tgt Ion: 98 Resp: 399114
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 240.230 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

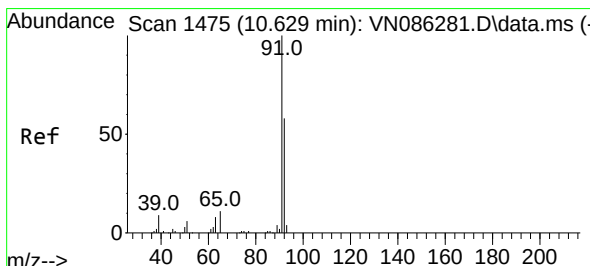
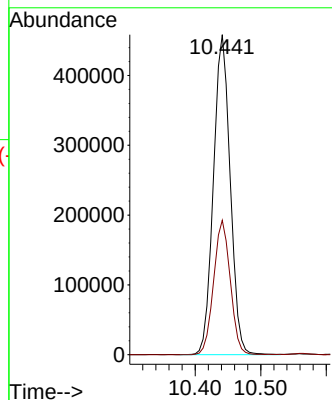
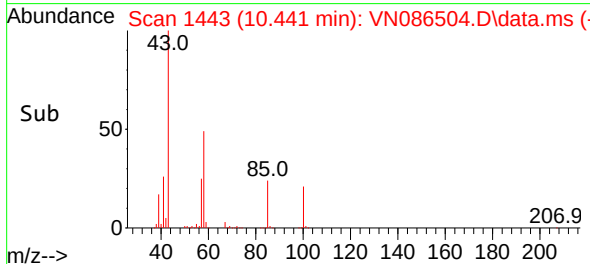
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 813318
Ion Ratio Lower Upper
43 100
58 41.7 32.2 48.4

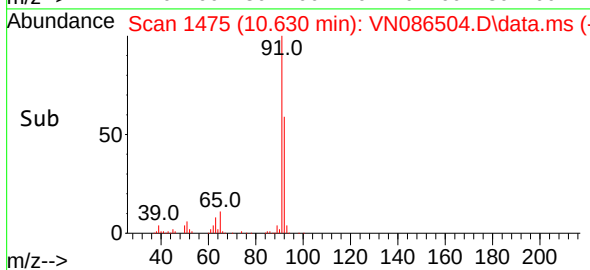
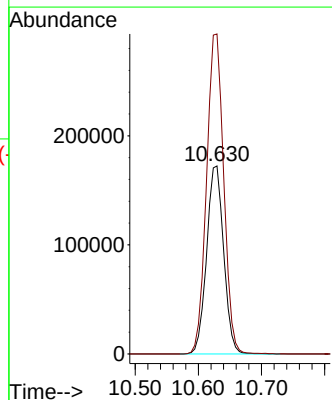
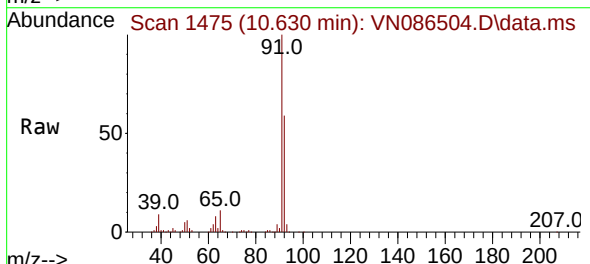
Manual Integrations
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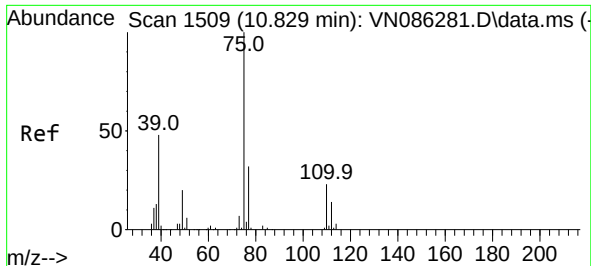
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#52
Toluene
Concen: 51.451 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 92 Resp: 323020
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9





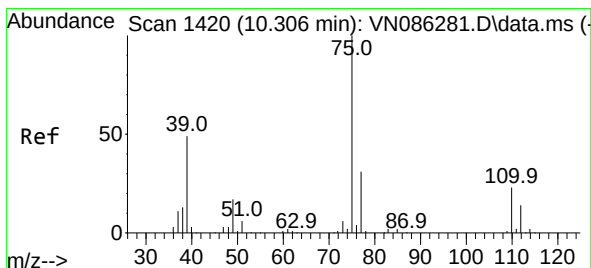
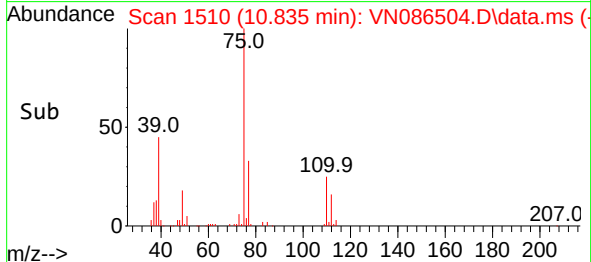
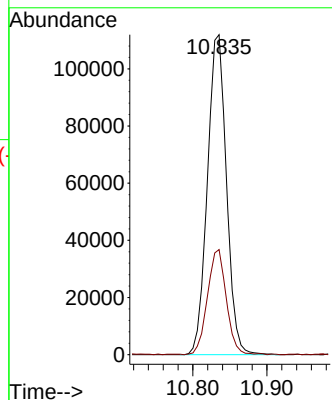
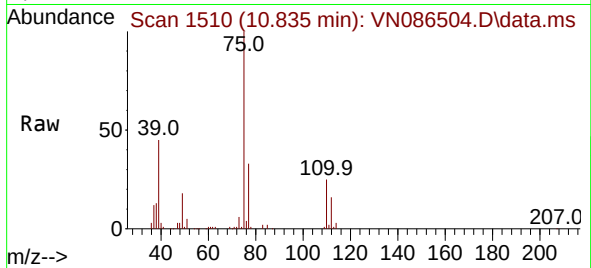
#53
 t-1,3-Dichloropropene
 Concen: 52.877 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 20005
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0

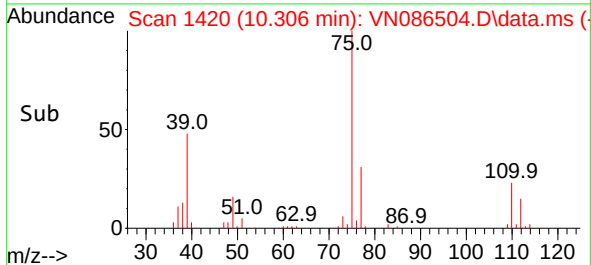
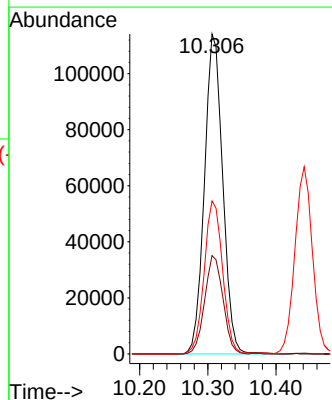
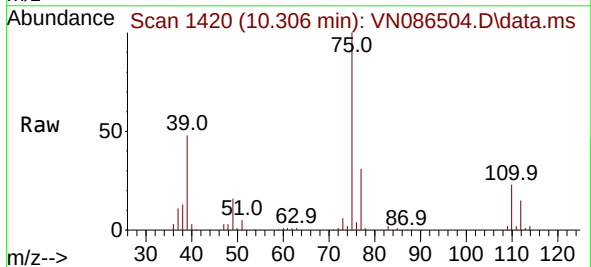
Manual Integrations
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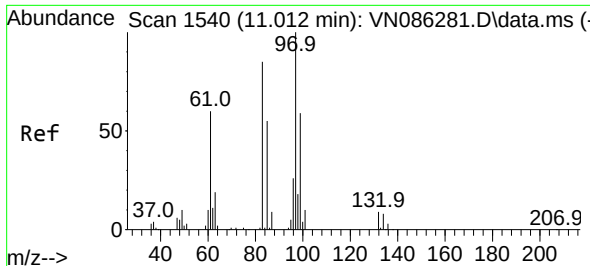
Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025



#54
 cis-1,3-Dichloropropene
 Concen: 51.209 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

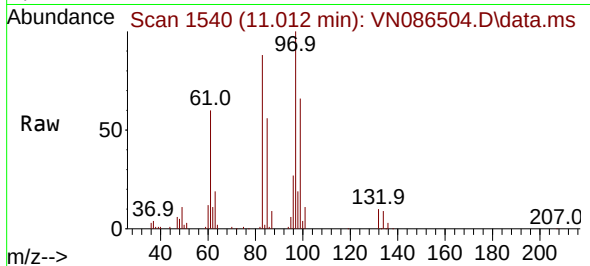
Tgt Ion: 75 Resp: 212799
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8
 39 47.6 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 54.288 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

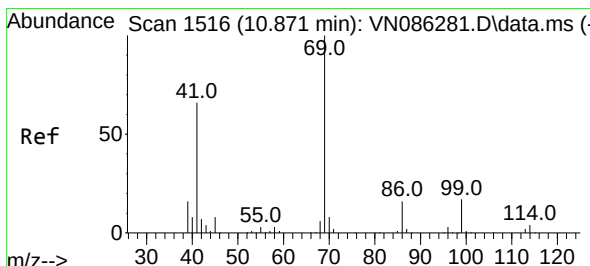
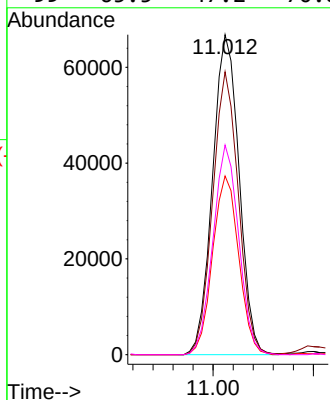
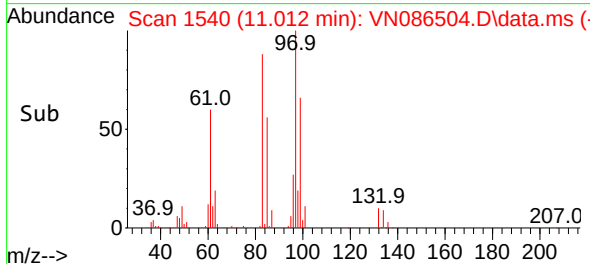
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



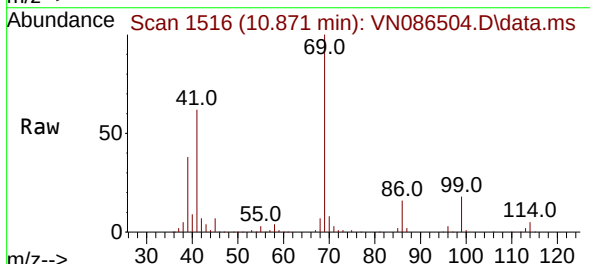
Tgt Ion:	97	Resp:	122629
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.4	102.6
85	55.8	43.9	65.9
99	65.5	47.2	70.8

Manual Integrations
APPROVED

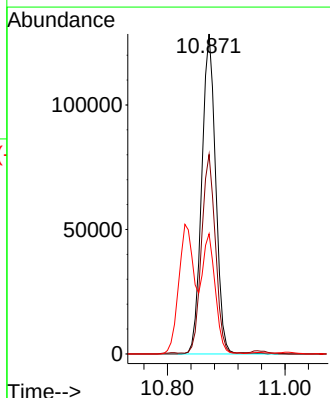
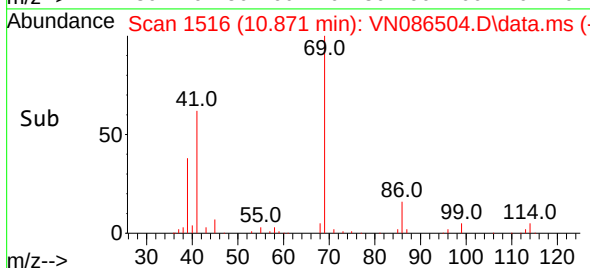
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

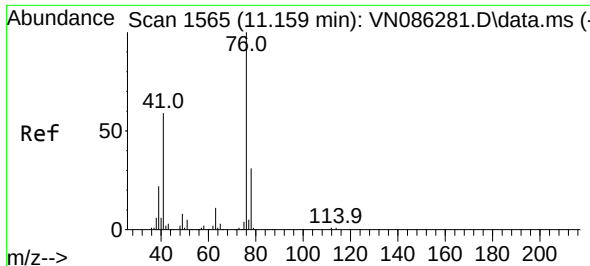


#56
Ethyl methacrylate
Concen: 50.739 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35



Tgt Ion:	69	Resp:	210673
Ion	Ratio	Lower	Upper
69	100		
41	61.9	51.7	77.5
39	33.8	26.3	39.5





#57

1,3-Dichloropropane

Concen: 52.560 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086504.D

Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 21064

Ion Ratio Lower Upper

76 100

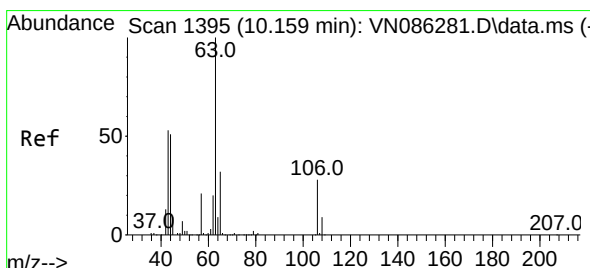
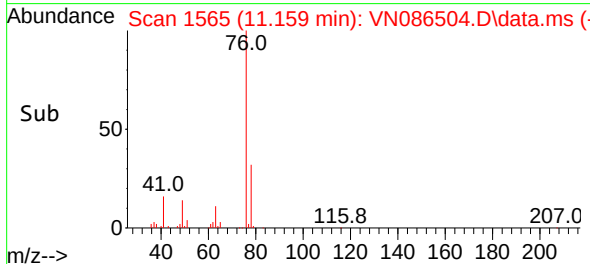
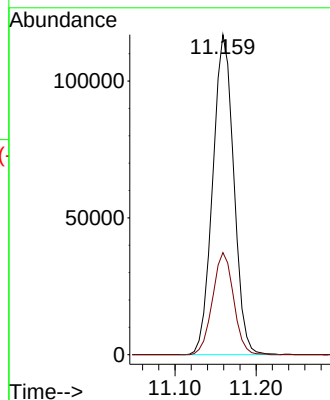
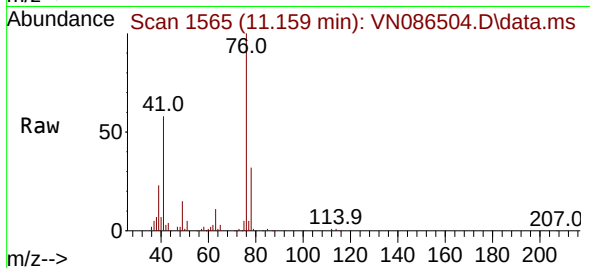
78 31.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#58

2-Chloroethyl Vinyl ether

Concen: 214.142 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086504.D

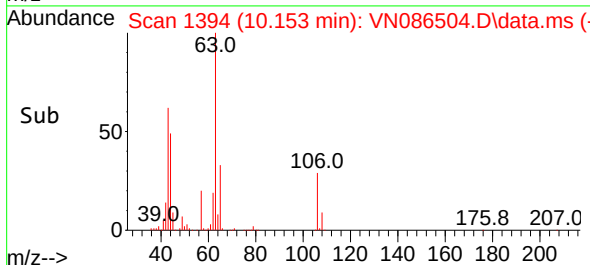
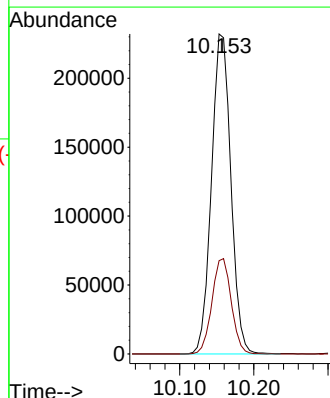
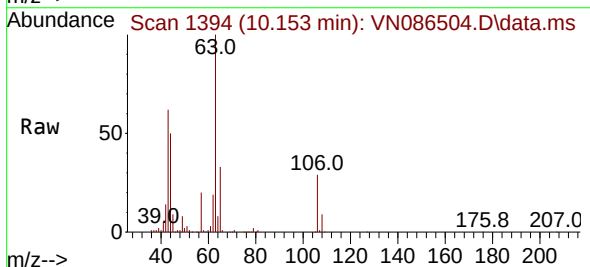
Acq: 06 May 2025 10:35

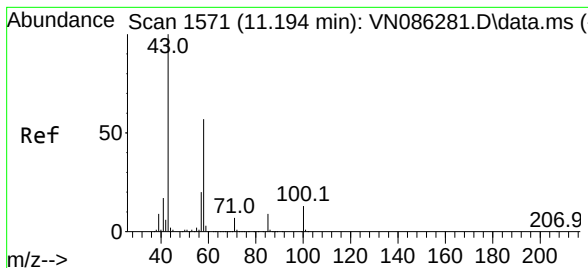
Tgt Ion: 63 Resp: 422017

Ion Ratio Lower Upper

63 100

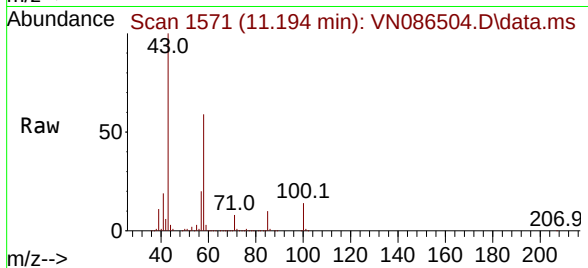
106 29.7 22.2 33.2





#59
2-Hexanone
Concen: 237.737 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

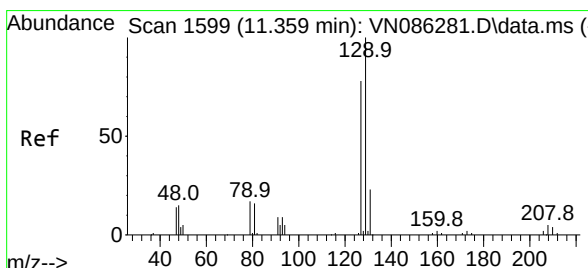
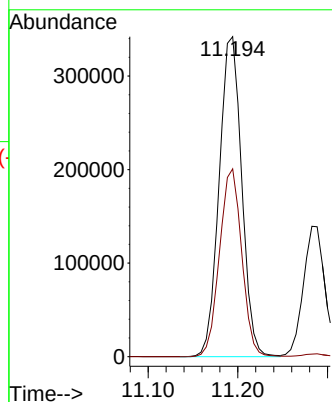
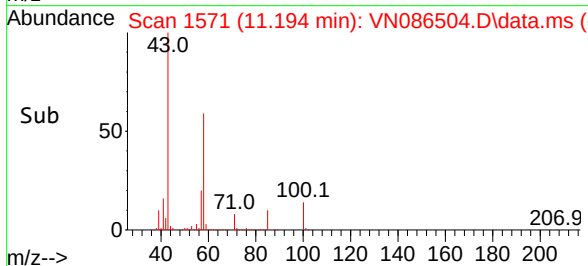
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 59700
Ion Ratio Lower Upper
43 100
58 57.8 28.3 85.0

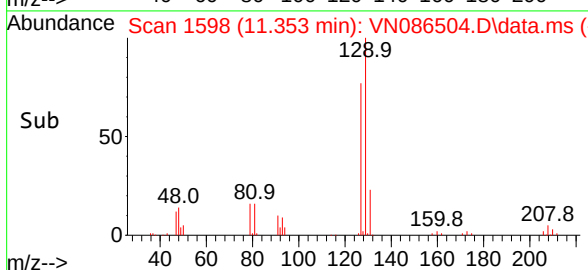
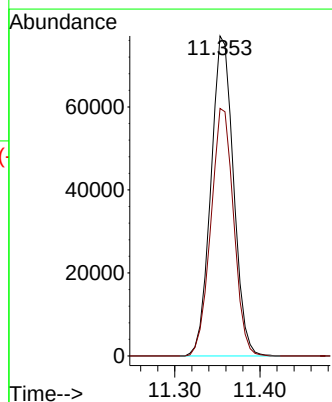
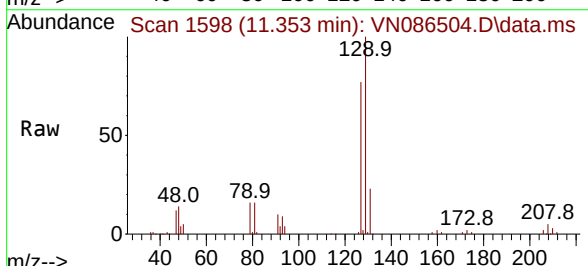
Manual Integrations
APPROVED

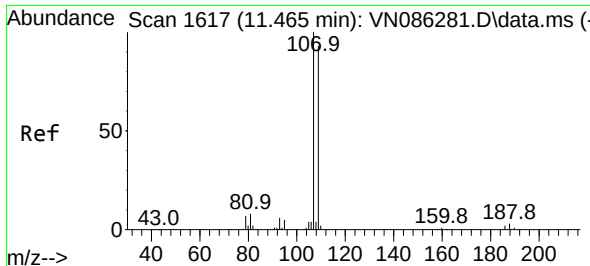
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#60
Dibromochloromethane
Concen: 57.174 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:129 Resp: 141817
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1





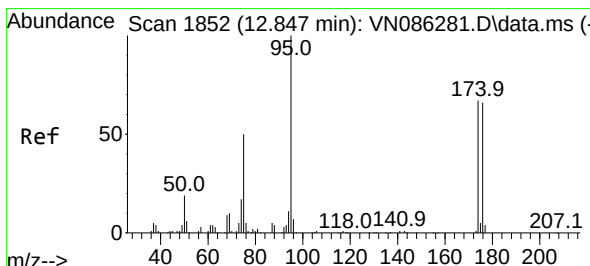
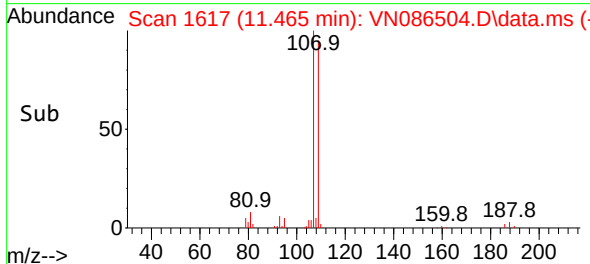
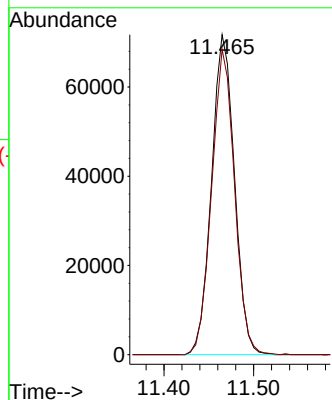
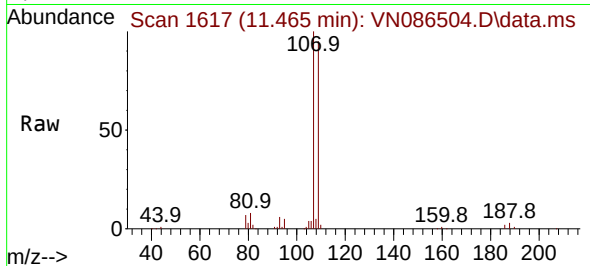
#61
1,2-Dibromoethane
Concen: 55.879 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 127362
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.0

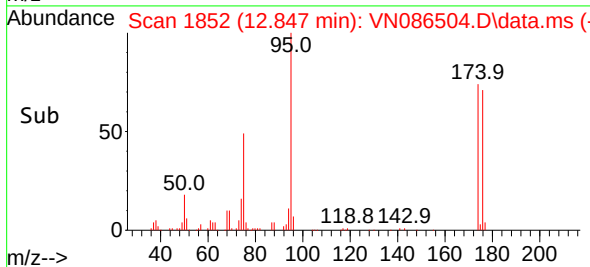
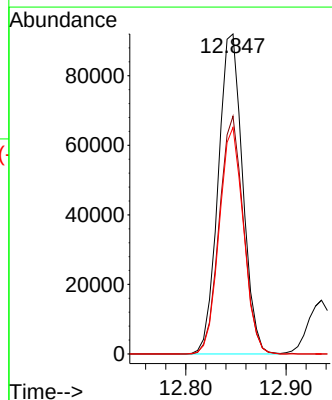
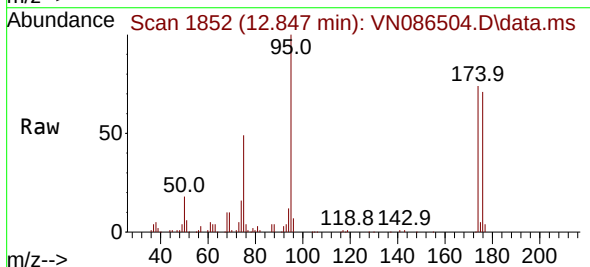
Manual Integrations
APPROVED

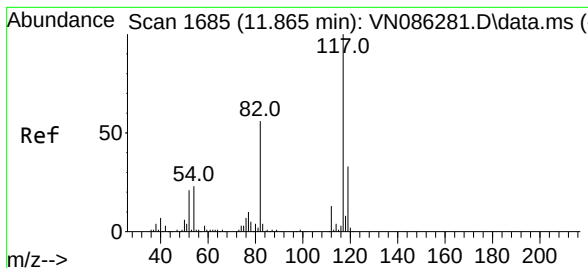
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#62
4-Bromofluorobenzene
Concen: 50.872 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

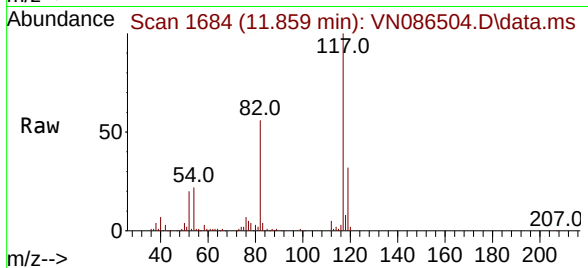
Tgt Ion: 95 Resp: 155922
Ion Ratio Lower Upper
95 100
174 73.2 0.0 133.4
176 70.2 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

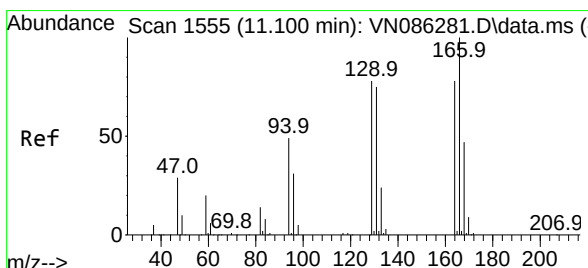
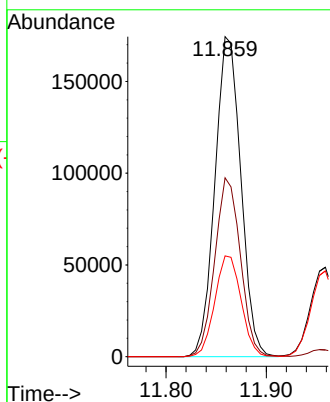
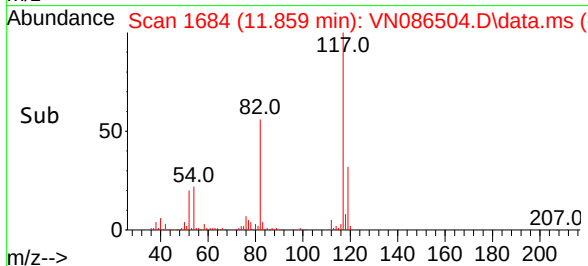
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 314072
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 31.5 26.4 39.6

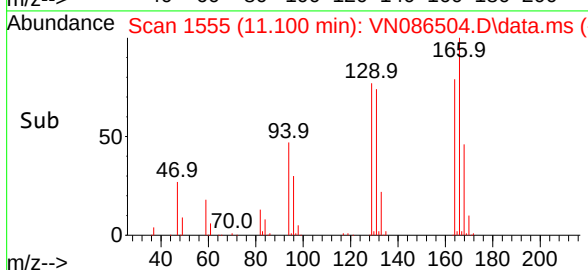
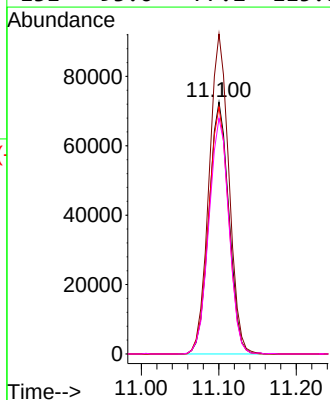
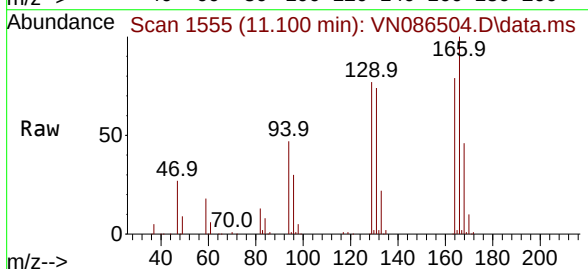
Manual Integrations
APPROVED

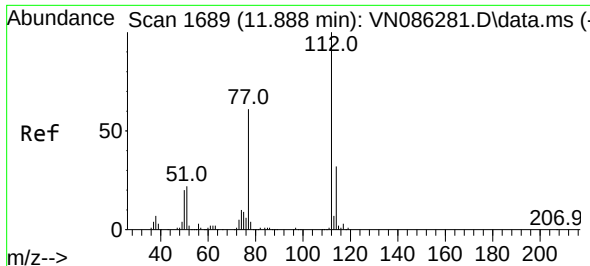
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#64
Tetrachloroethene
Concen: 53.908 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

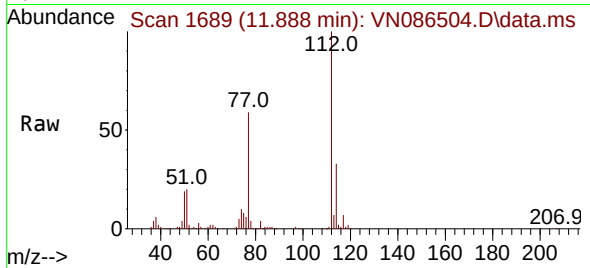
Tgt Ion:164 Resp: 130234
Ion Ratio Lower Upper
164 100
166 127.1 103.0 154.4
129 98.1 80.1 120.1
131 93.6 77.2 115.8





#65
Chlorobenzene
Concen: 51.618 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

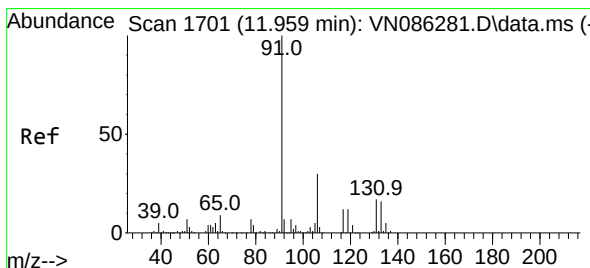
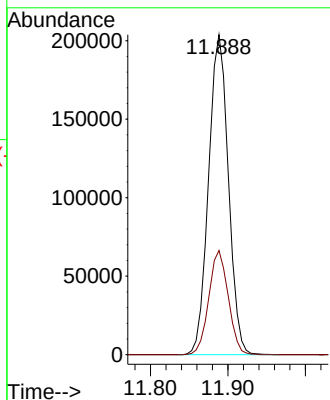
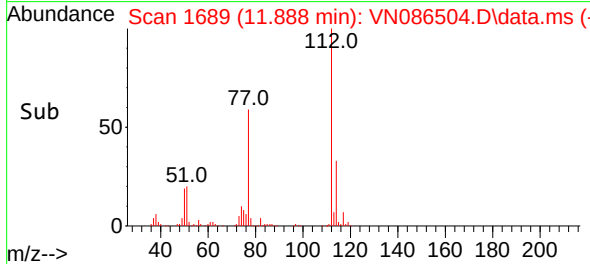
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 361793
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

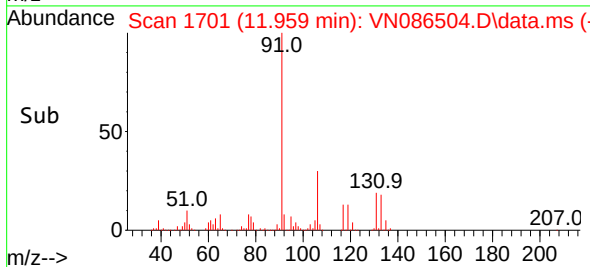
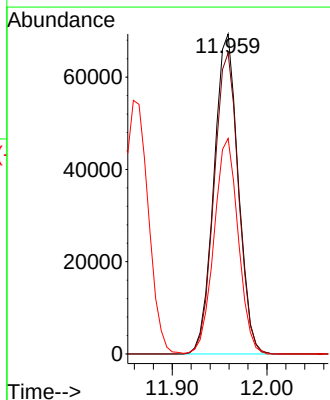
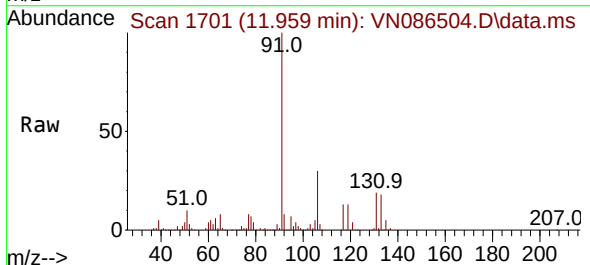
Manual Integrations
APPROVED

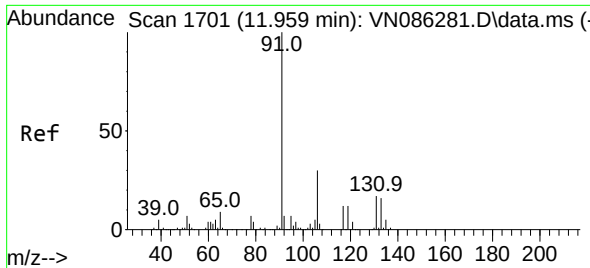
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.454 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

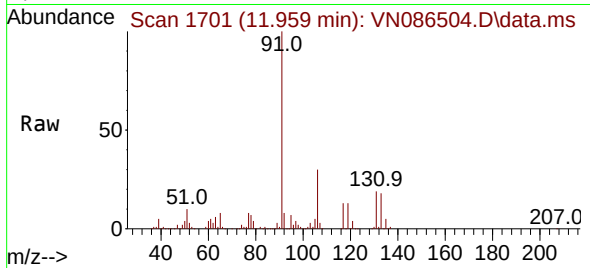
Tgt Ion:131 Resp: 123598
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.3
119 67.1 33.8 101.4





#67
Ethyl Benzene
Concen: 49.188 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

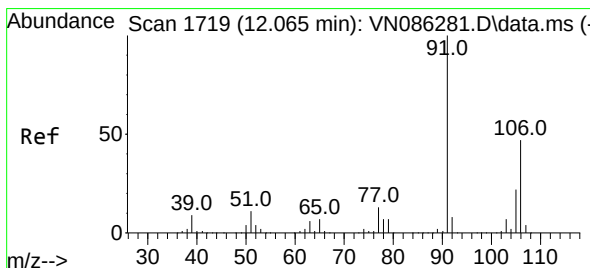
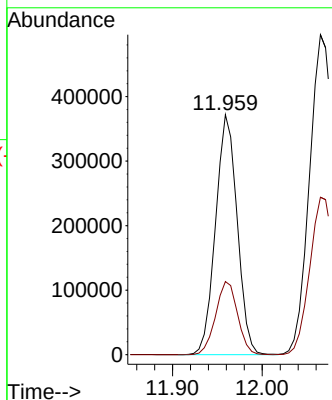
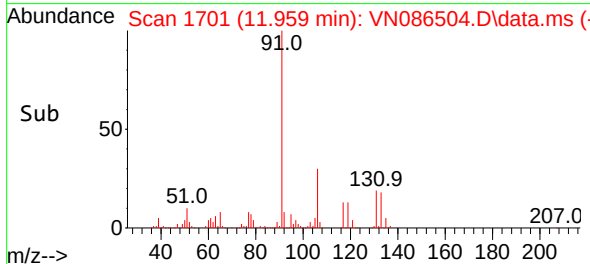
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 622129
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

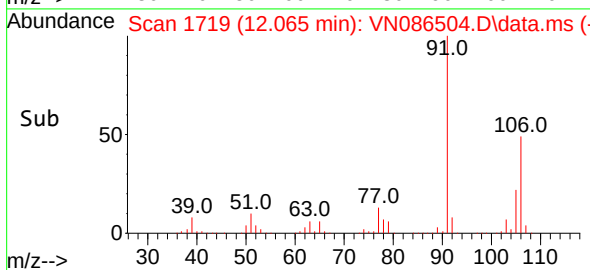
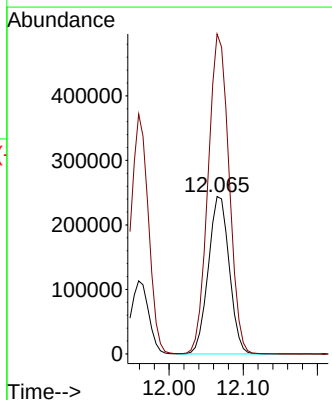
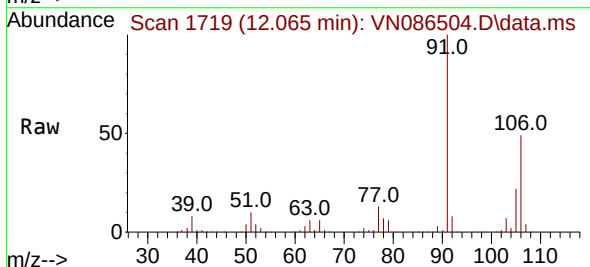
Manual Integrations
APPROVED

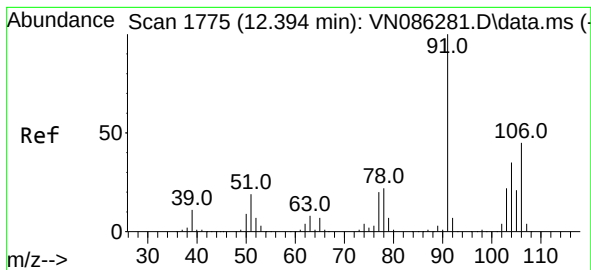
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#68
m/p-Xylenes
Concen: 101.007 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:106 Resp: 478687
Ion Ratio Lower Upper
106 100
91 203.4 166.5 249.7





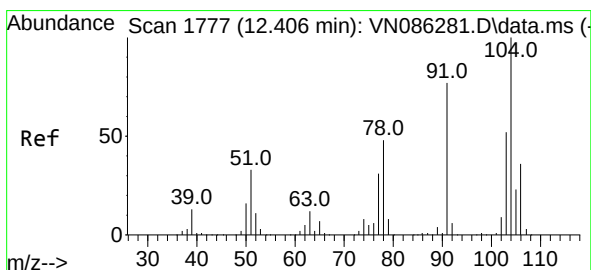
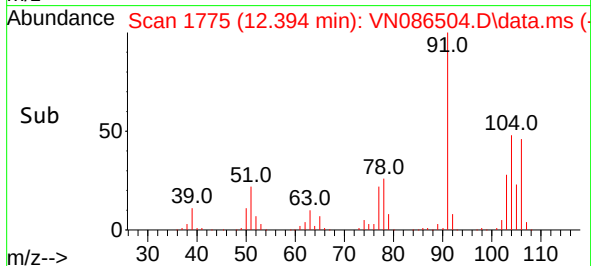
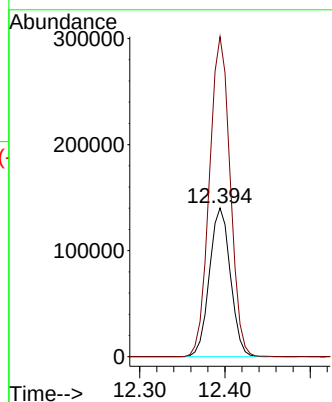
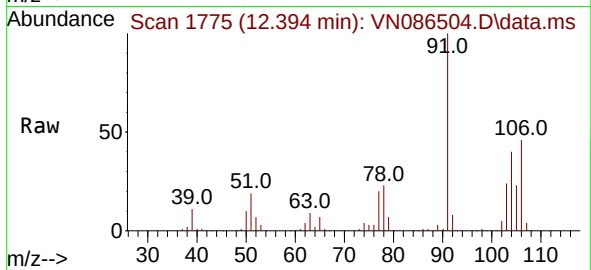
#69
o-Xylene
Concen: 51.063 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 239320
Ion Ratio Lower Upper
106 100
91 213.9 109.7 329.0

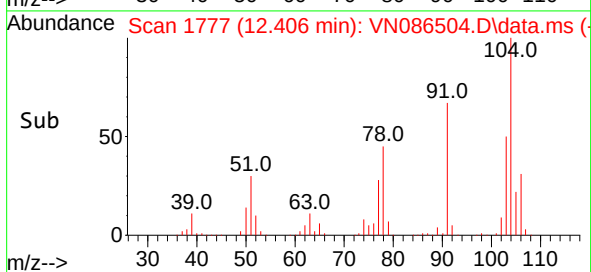
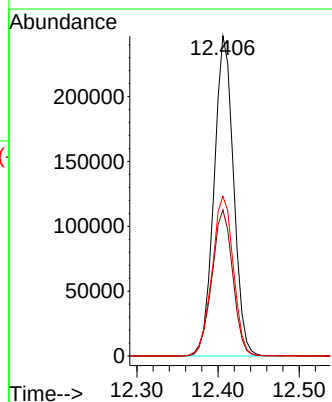
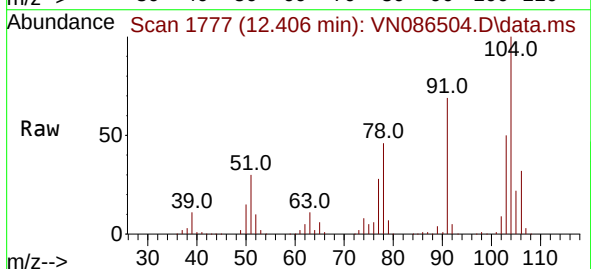
Manual Integrations
APPROVED

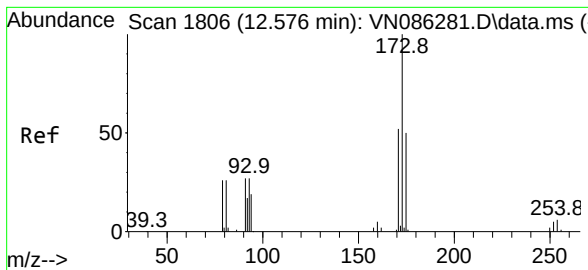
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#70
Styrene
Concen: 52.777 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

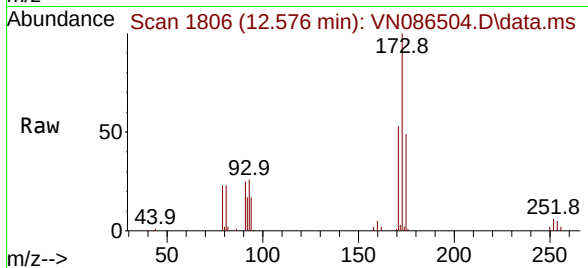
Tgt Ion:104 Resp: 412138
Ion Ratio Lower Upper
104 100
78 48.9 40.6 61.0
103 54.5 43.6 65.4





#71
Bromoform
Concen: 55.203 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

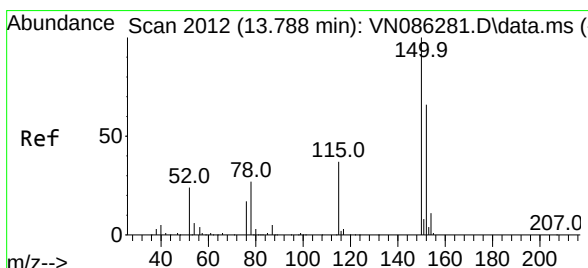
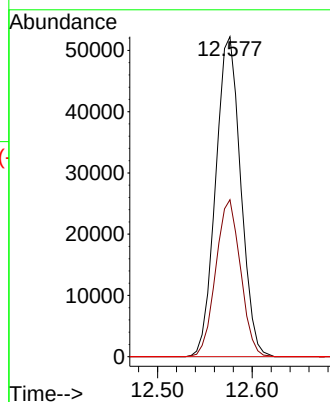
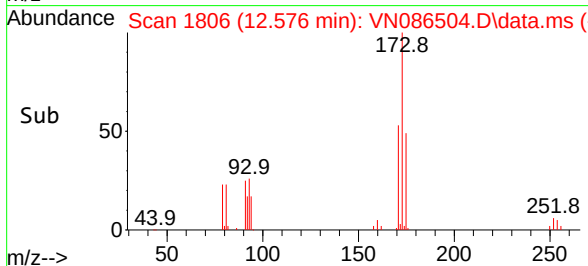
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



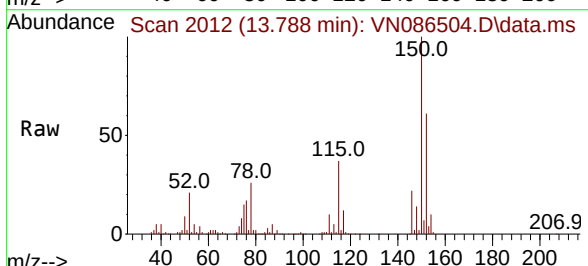
Tgt Ion:173 Resp: 9610
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

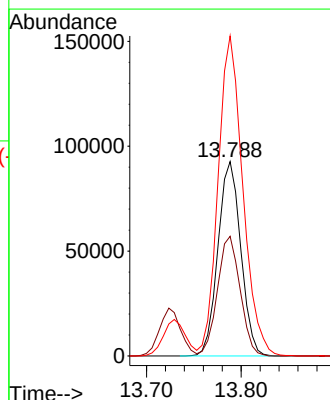
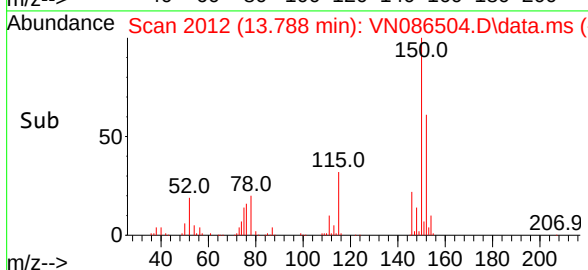
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

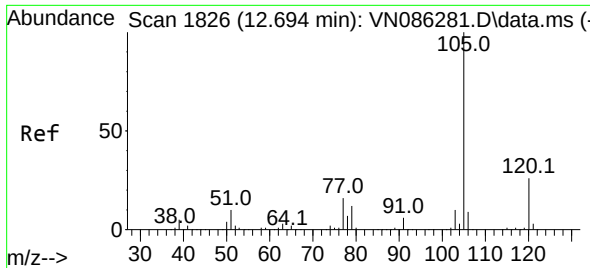


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35



Tgt Ion:152 Resp: 155373
Ion Ratio Lower Upper
152 100
115 61.2 31.9 95.9
150 178.1 0.0 352.0





#73
Isopropylbenzene
Concen: 45.586 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

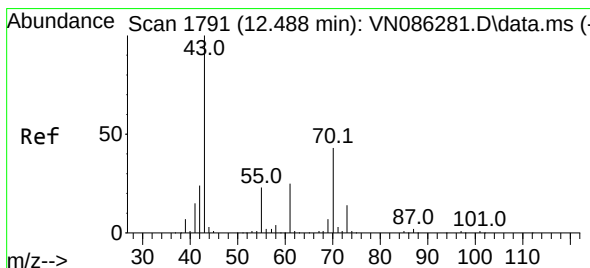
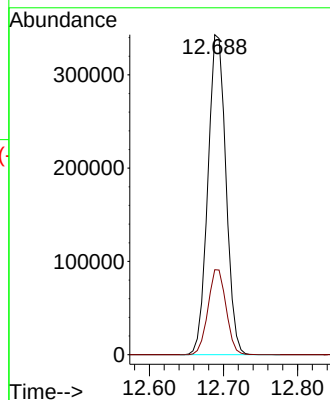
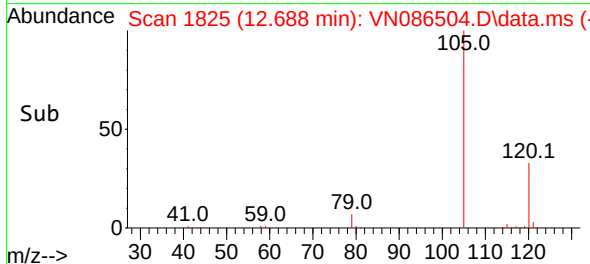
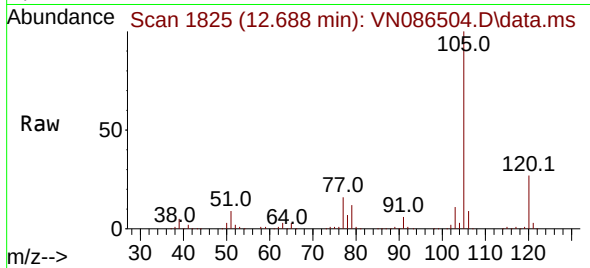
VSTDCCC050

Tgt Ion:105 Resp: 57938
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

Manual Integrations

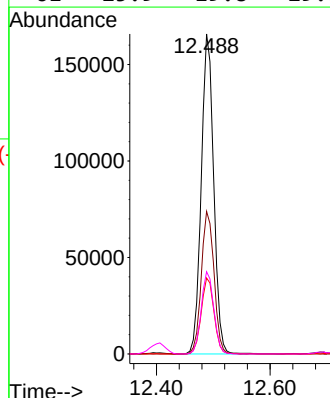
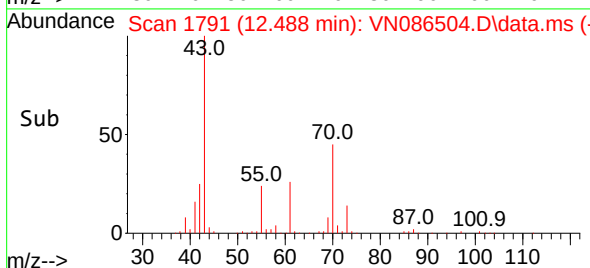
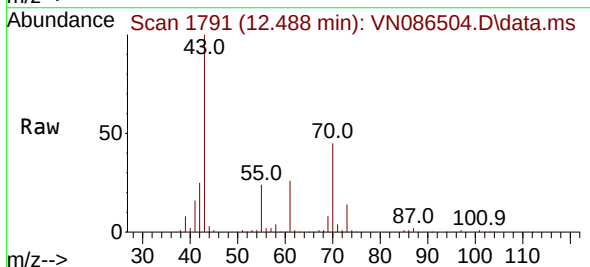
APPROVED

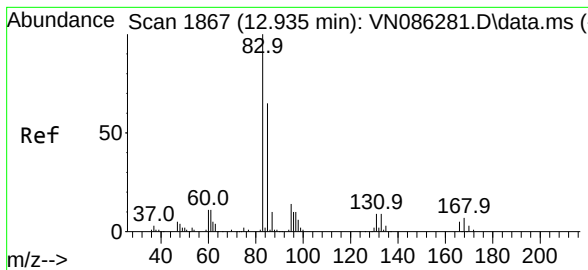
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#74
N-ethyl acetate
Concen: 39.902 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

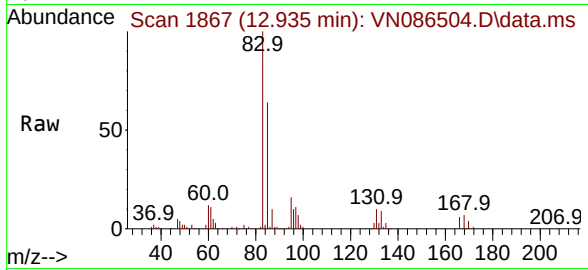
Tgt Ion: 43 Resp: 252471
Ion Ratio Lower Upper
43 100
70 45.5 35.0 52.4
55 24.3 19.0 28.4
61 25.9 19.8 29.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.141 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

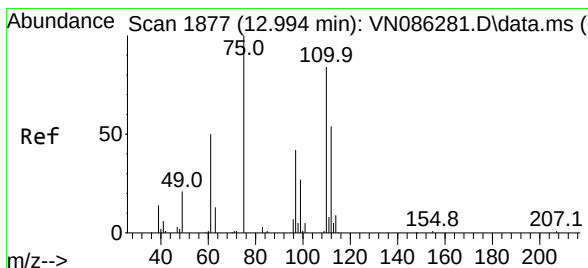
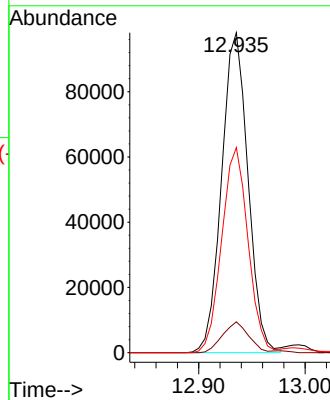
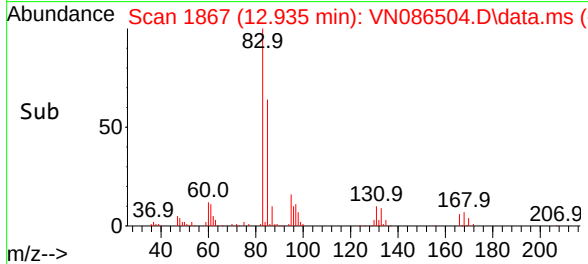
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



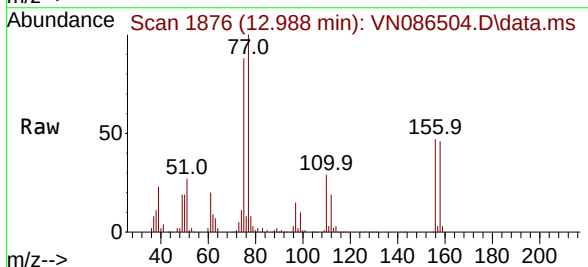
Tgt Ion: 83 Resp: 168619
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.7 14.1
 85 64.0 32.7 98.1

Manual Integrations
 APPROVED

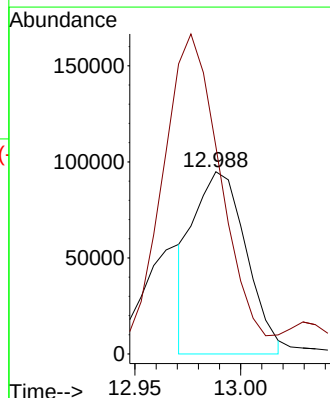
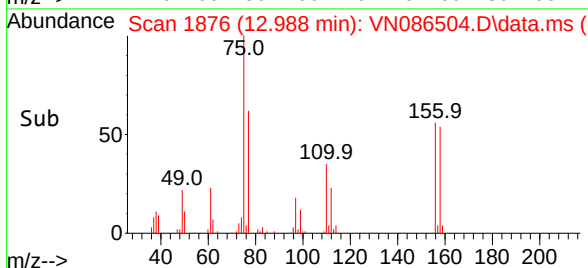
Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025

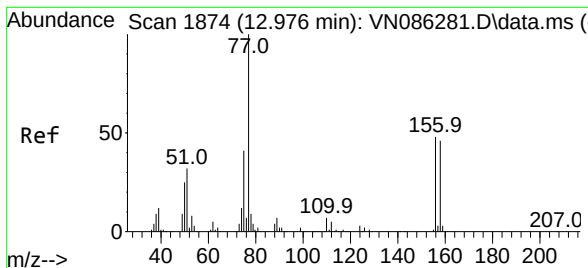


#76
 1,2,3-Trichloropropane
 Concen: 44.750 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35



Tgt Ion: 75 Resp: 164079
 Ion Ratio Lower Upper
 75 100
 77 198.9 98.8 296.4





#77

Bromobenzene

Concen: 52.953 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086504.D

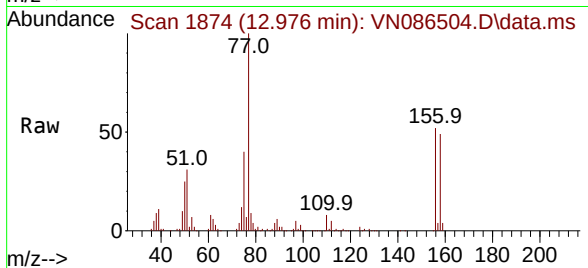
Acq: 06 May 2025 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:156 Resp: 149120

Ion Ratio Lower Upper

156 100

77 218.8 121.1 363.1

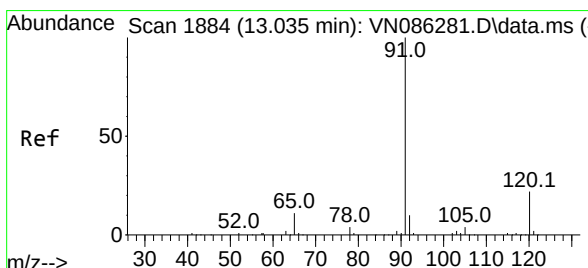
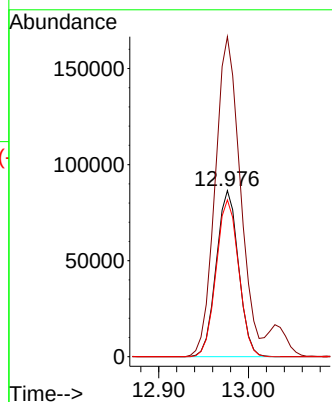
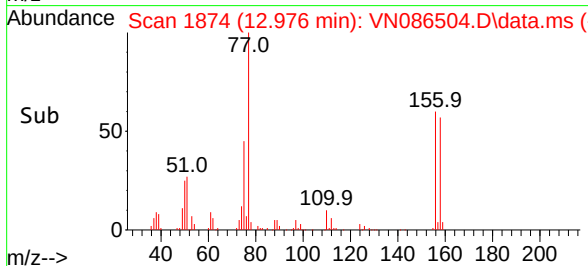
158 95.5 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2025

Supervised By :Mahesh Dadoda 05/07/2025



#78

n-propylbenzene

Concen: 45.457 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086504.D

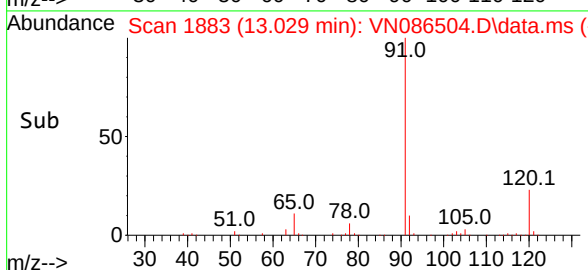
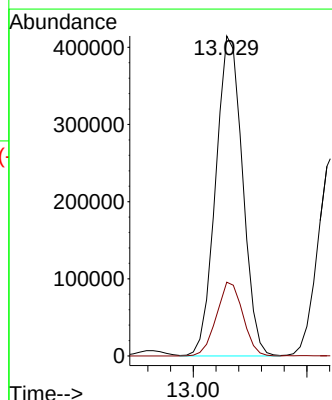
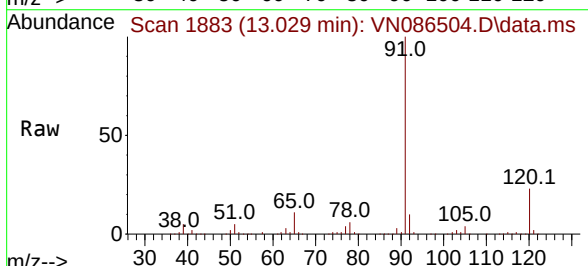
Acq: 06 May 2025 10:35

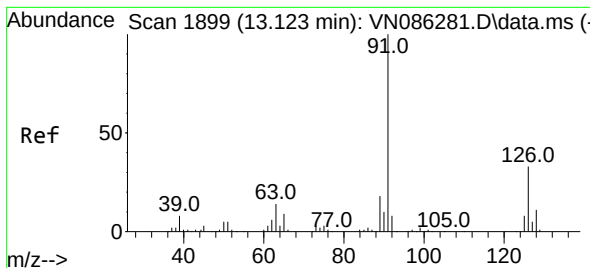
Tgt Ion: 91 Resp: 680807

Ion Ratio Lower Upper

91 100

120 22.6 11.1 33.3





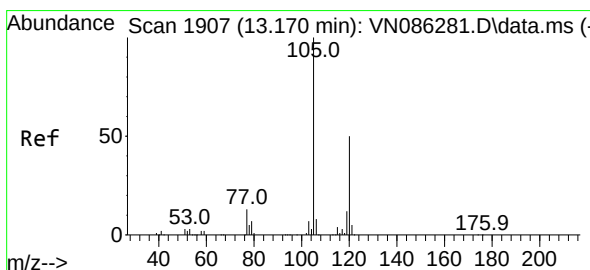
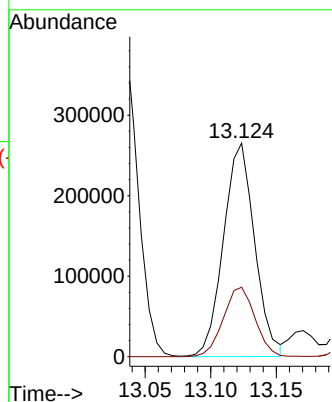
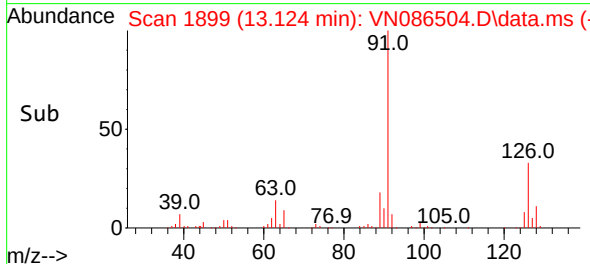
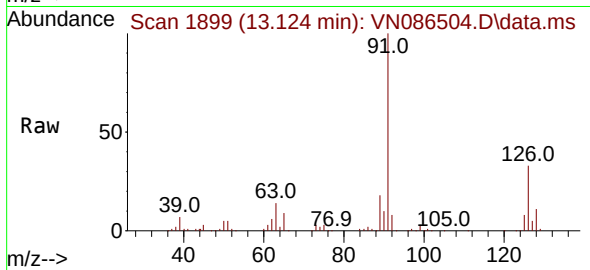
#79
2-Chlorotoluene
Concen: 46.829 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 438870
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.2

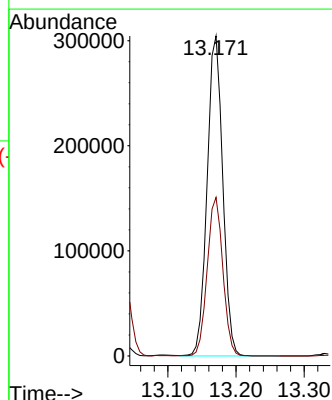
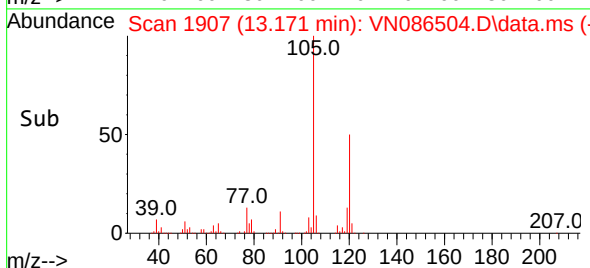
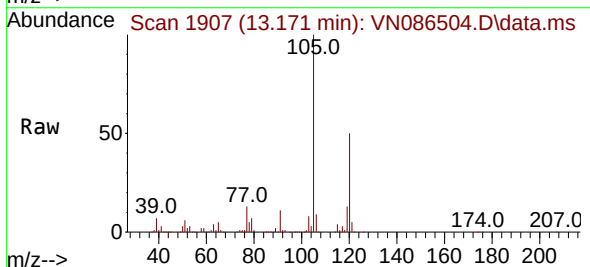
Manual Integrations
APPROVED

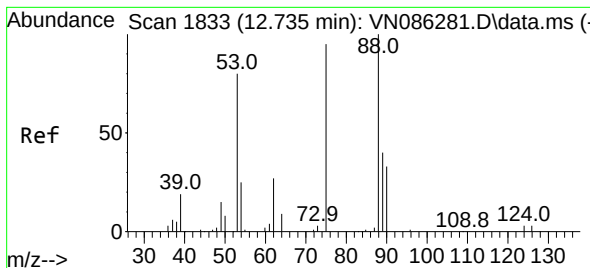
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 46.676 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:105 Resp: 485554
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5





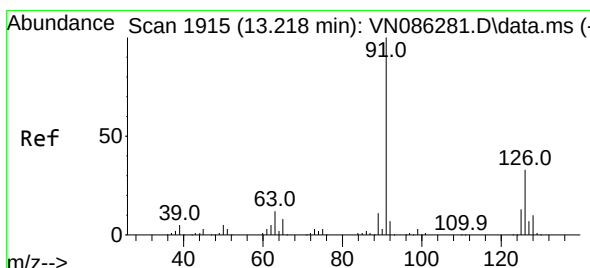
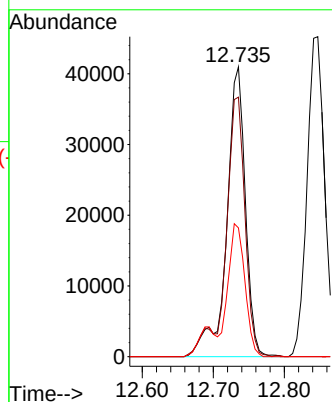
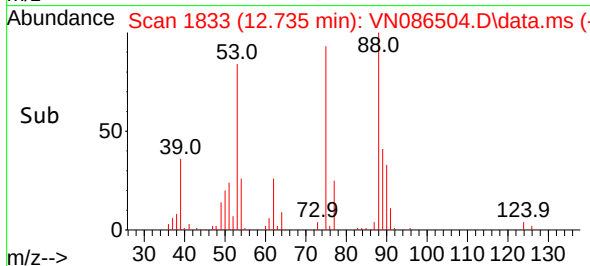
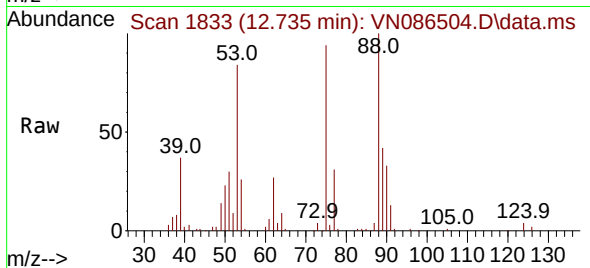
#81
trans-1,4-Dichloro-2-butene
Concen: 49.258 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7520
Ion Ratio Lower Upper
75 100
53 82.2 79.2 118.8
89 41.4 35.7 53.5

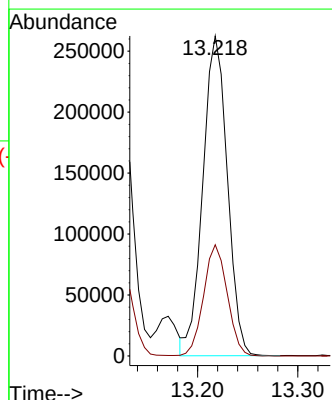
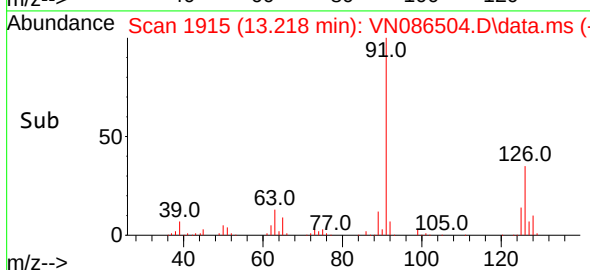
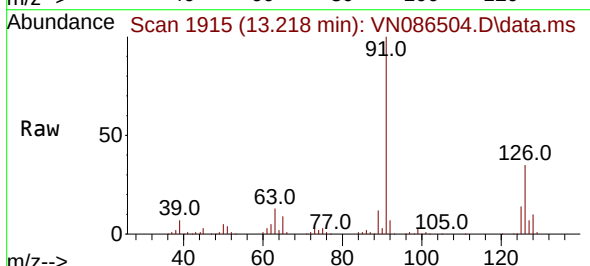
Manual Integrations
APPROVED

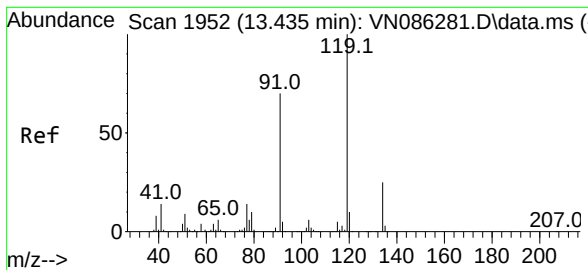
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#82
4-Chlorotoluene
Concen: 47.903 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

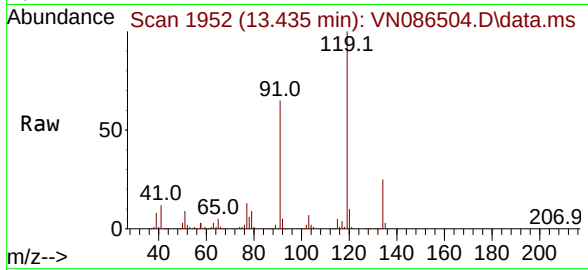
Tgt Ion: 91 Resp: 445950
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6





#83
 tert-Butylbenzene
 Concen: 45.565 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

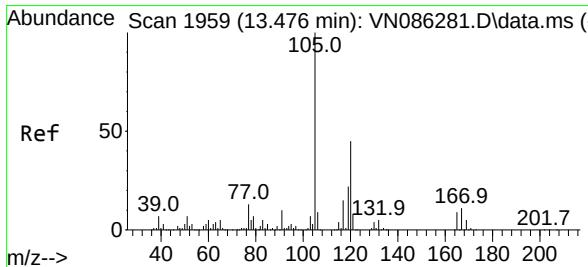
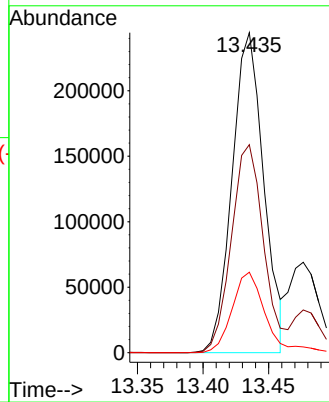
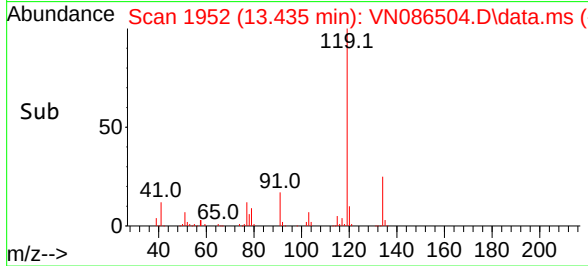
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



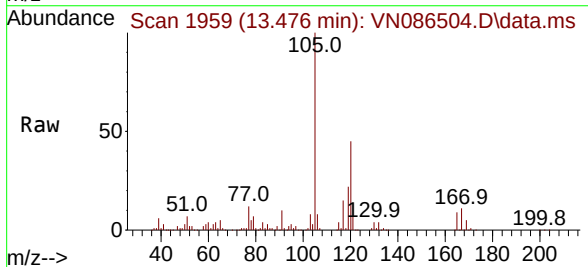
Tgt Ion:119 Resp: 410708
 Ion Ratio Lower Upper
 119 100
 91 66.8 34.4 103.3
 134 26.4 13.0 39.0

Manual Integrations
 APPROVED

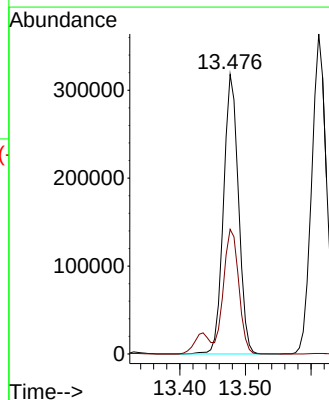
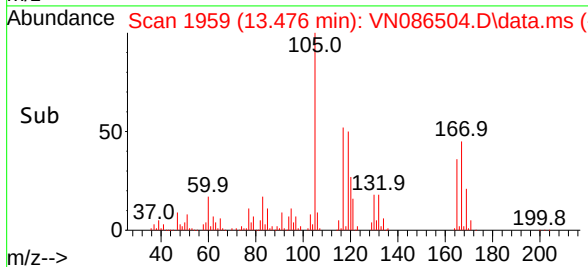
Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025

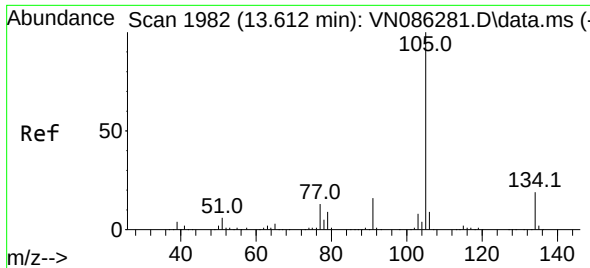


#84
 1,2,4-Trimethylbenzene
 Concen: 47.478 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35



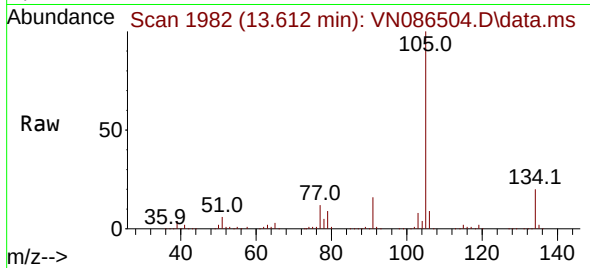
Tgt Ion:105 Resp: 502742
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 45.578 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35

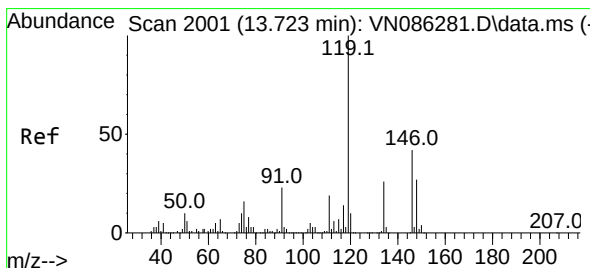
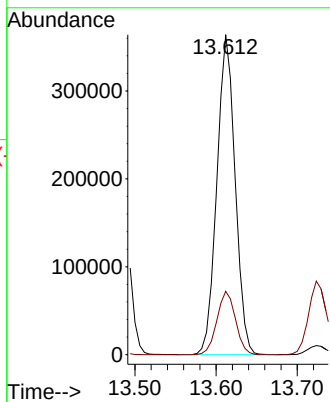
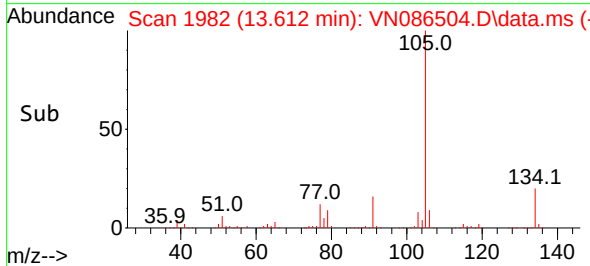
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



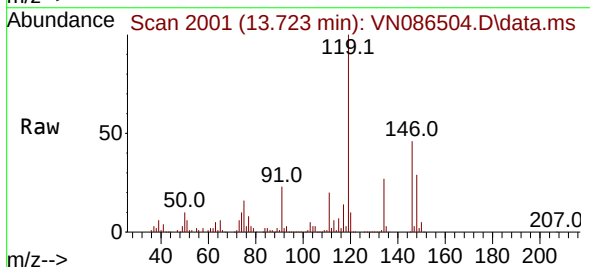
Tgt Ion:105 Resp: 569840
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 29.1

Manual Integrations
 APPROVED

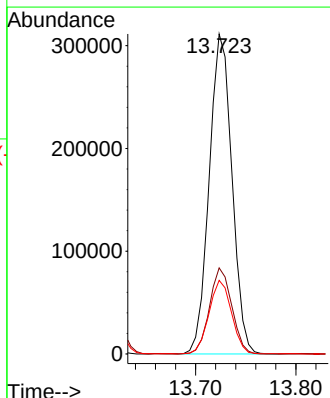
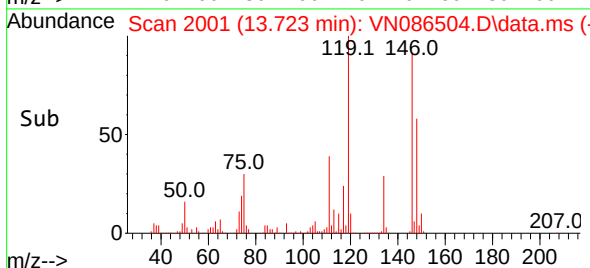
Reviewed By :John Carlone 05/07/2025
 Supervised By :Mahesh Dadoda 05/07/2025

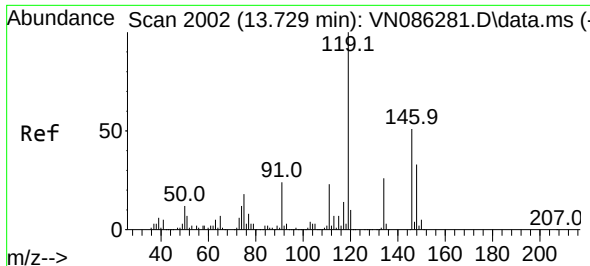


#86
 p-Isopropyltoluene
 Concen: 47.642 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086504.D
 Acq: 06 May 2025 10:35



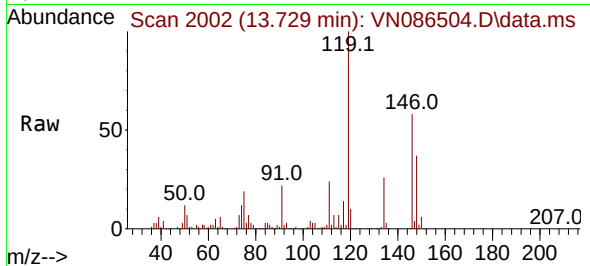
Tgt Ion:119 Resp: 490968
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 22.8 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 52.061 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

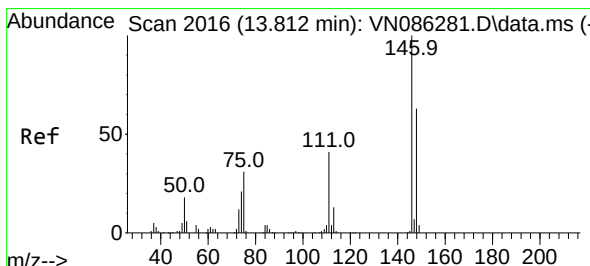
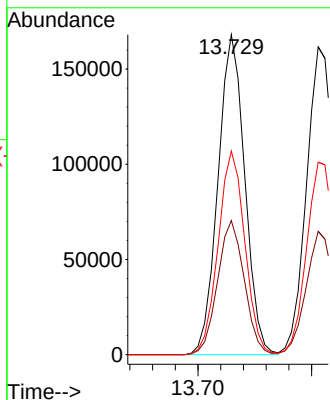
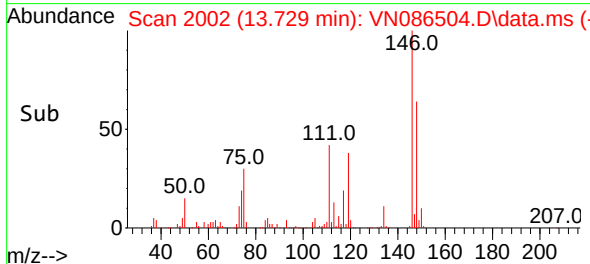
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



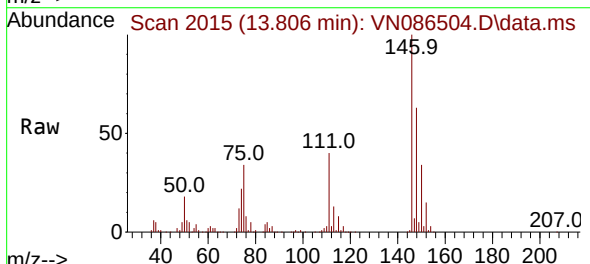
Tgt Ion:146 Resp: 275607
Ion Ratio Lower Upper
146 100
111 41.7 21.9 65.7
148 63.4 31.9 95.5

Manual Integrations
APPROVED

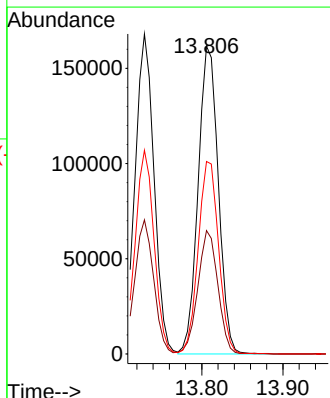
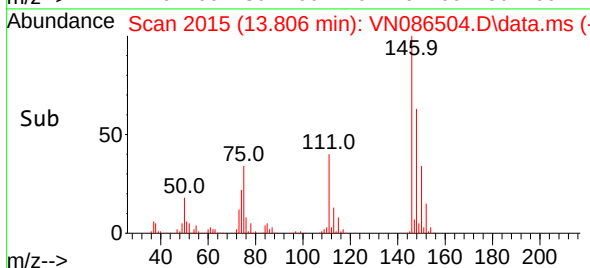
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

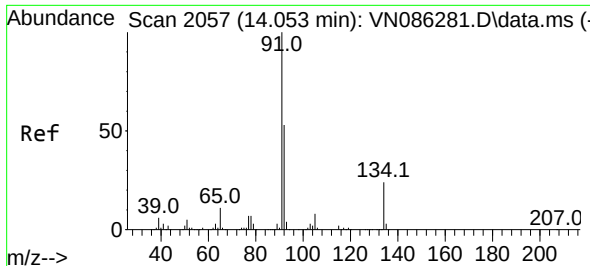


#88
1,4-Dichlorobenzene
Concen: 52.379 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35



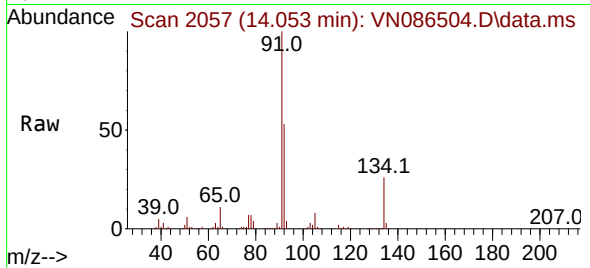
Tgt Ion:146 Resp: 279296
Ion Ratio Lower Upper
146 100
111 39.6 21.3 63.9
148 63.2 31.9 95.9





#89
n-Butylbenzene
Concen: 45.909 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

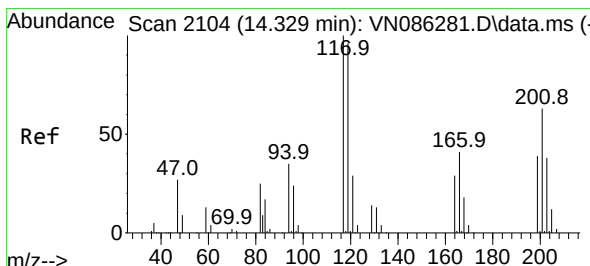
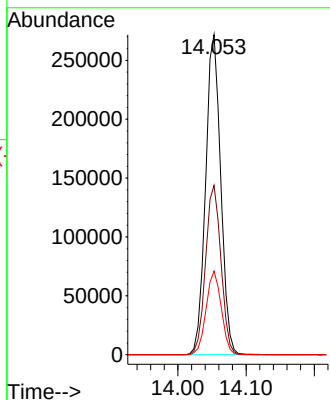
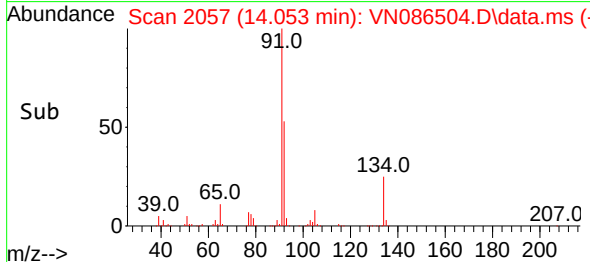
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 419349
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.4
134 26.2 12.2 36.6

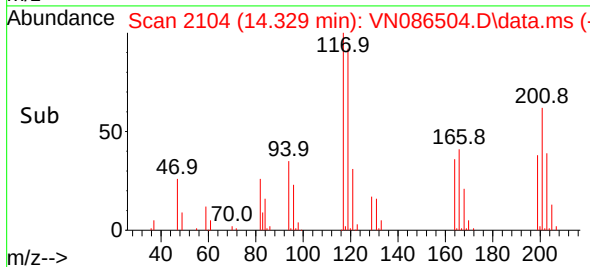
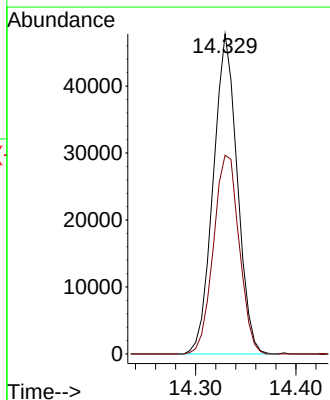
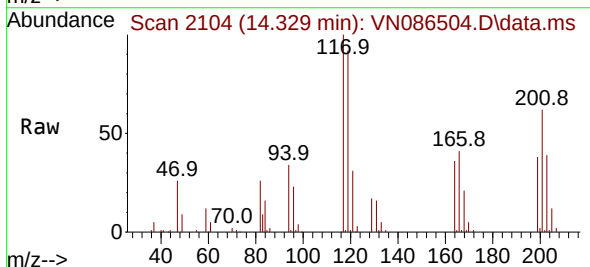
Manual Integrations
APPROVED

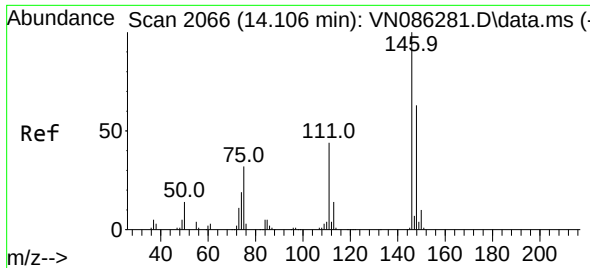
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#90
Hexachloroethane
Concen: 45.790 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:117 Resp: 79373
Ion Ratio Lower Upper
117 100
201 66.4 31.4 94.2





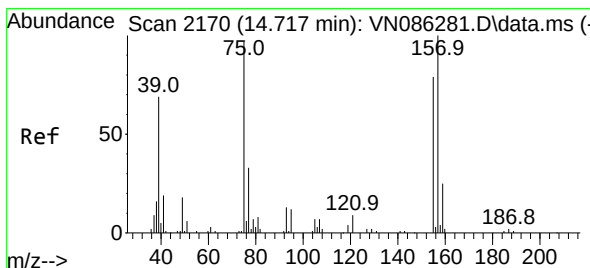
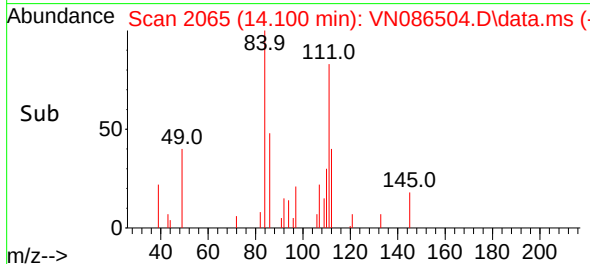
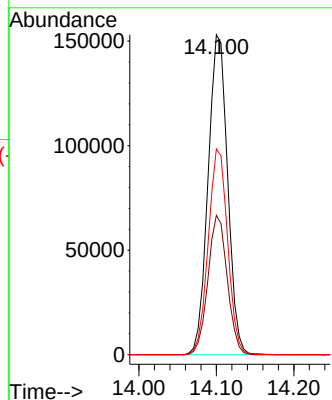
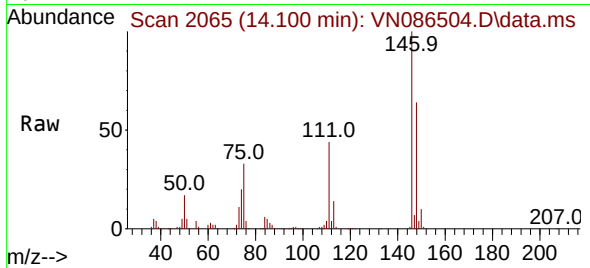
#91
1,2-Dichlorobenzene
Concen: 52.188 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 267864
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.0
148 63.8 31.8 95.4

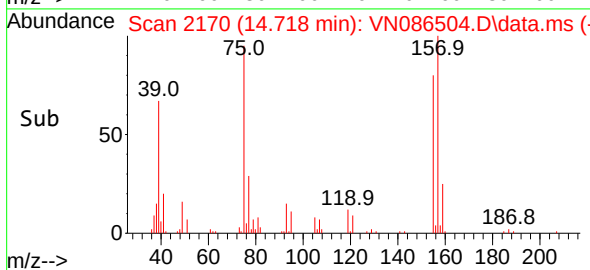
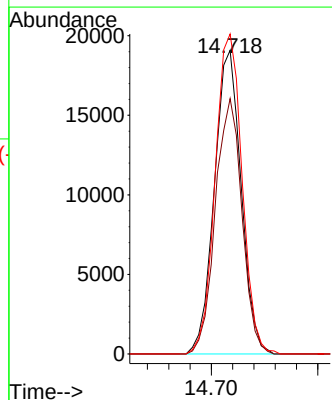
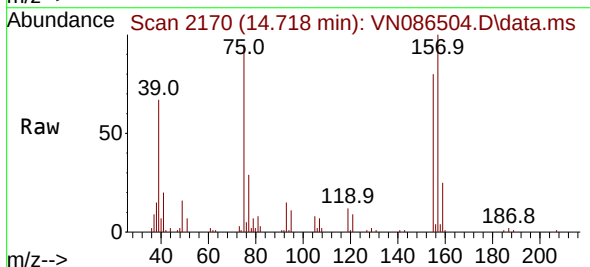
Manual Integrations
APPROVED

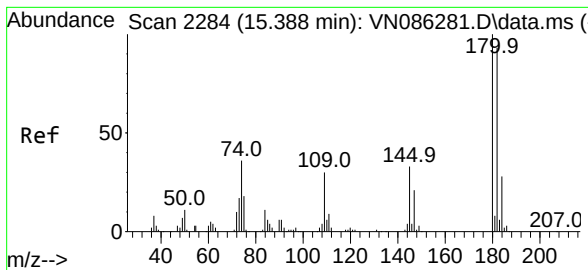
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.153 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

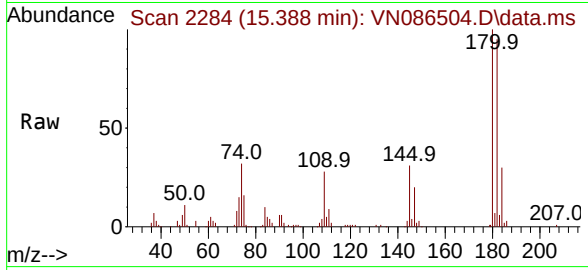
Tgt Ion: 75 Resp: 33271
Ion Ratio Lower Upper
75 100
155 83.5 40.3 120.9
157 105.8 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 51.561 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

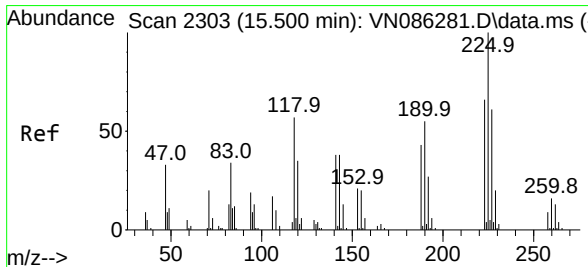
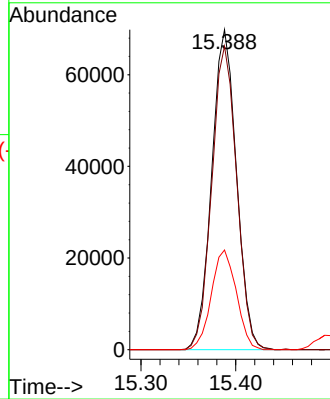
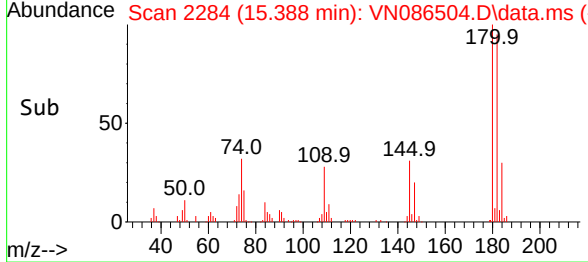
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 12672
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 31.5 16.4 49.1

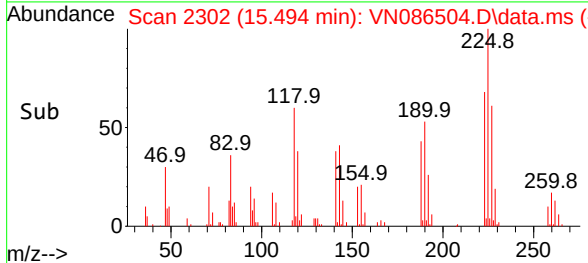
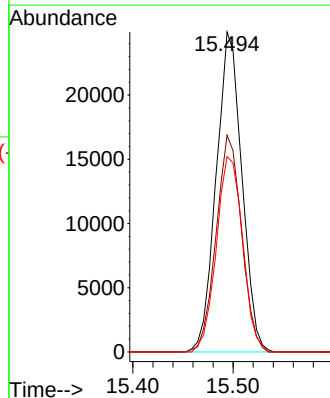
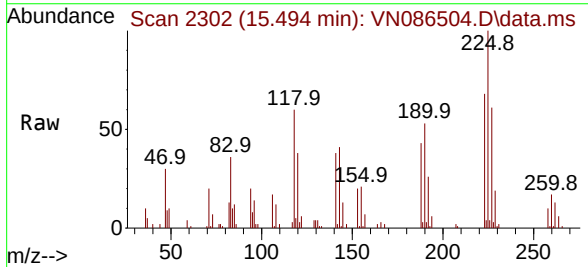
Manual Integrations
APPROVED

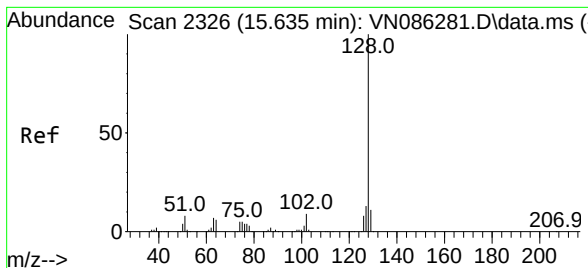
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#94
Hexachlorobutadiene
Concen: 47.708 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

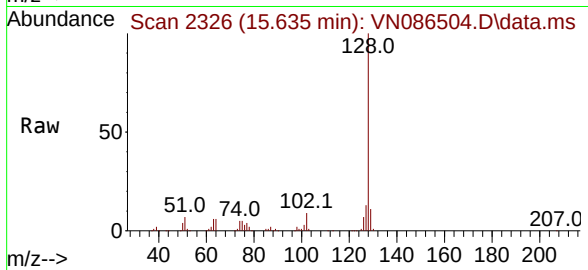
Tgt Ion:225 Resp: 44262
Ion Ratio Lower Upper
225 100
223 67.1 32.8 98.3
227 62.6 31.4 94.0





#95
Naphthalene
Concen: 48.117 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

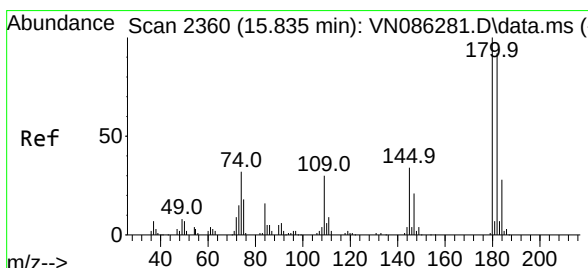
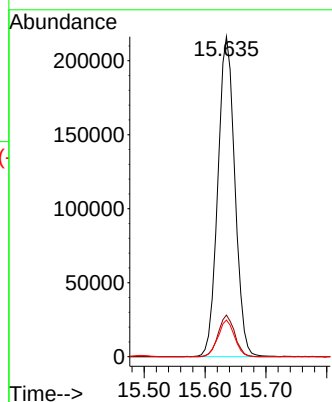
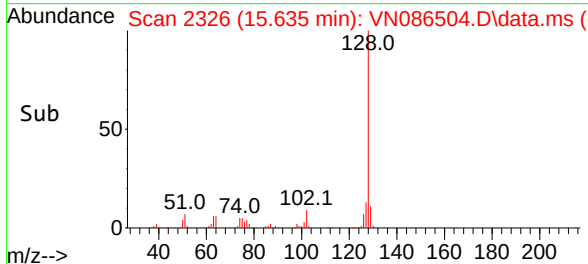
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 41921
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.1 8.6 13.0

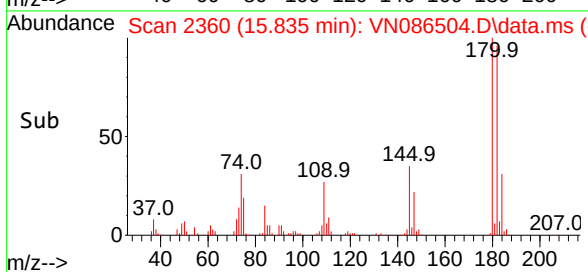
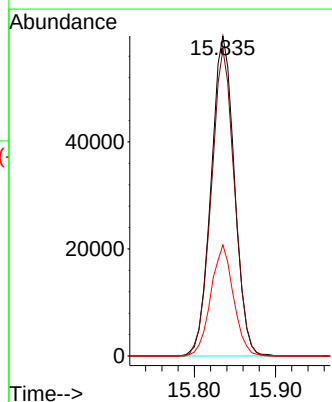
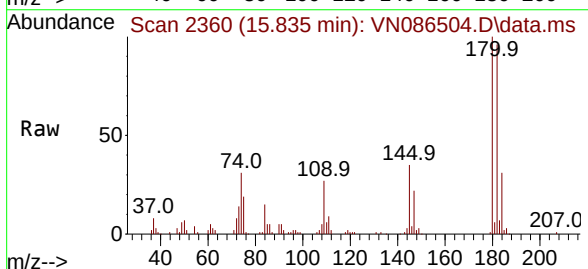
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.224 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:180 Resp: 119191
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 33.6 17.2 51.5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086504.D
 Acq On : 06 May 2025 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 02:53:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	84	0.00
2 T	Dichlorodifluoromethane	0.593	0.516	13.0	73	0.00
3 P	Chloromethane	0.861	0.689	20.0	76	0.00
4 C	Vinyl Chloride	0.822	0.657	20.1#	69	0.00
5 T	Bromomethane	0.370	0.402	-8.6	94	0.00
6 T	Chloroethane	0.550	0.451	18.0	75	0.00
7 T	Trichlorofluoromethane	0.911	0.858	5.8	83	0.00
8 T	Diethyl Ether	0.398	0.392	1.5	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.522	5.3	83	0.00
10 T	Methyl Iodide	0.606	0.690	-13.9	96	0.00
11 T	Tert butyl alcohol	0.132	0.121	8.3	82	0.00
12 CM	1,1-Dichloroethene	0.588	0.522	11.2#	79	0.00
13 T	Acrolein	0.075	0.072	4.0	99	0.00
14 T	Allyl chloride	1.046	0.819	21.7	74	0.00
15 T	Acrylonitrile	0.327	0.307	6.1	81	0.00
16 T	Acetone	0.290	0.245	15.5	82	0.00
17 T	Carbon Disulfide	1.762	1.369	22.3	74	0.00
18 T	Methyl Acetate	0.870	0.727	16.4	78	0.00
19 T	Methyl tert-butyl Ether	2.163	2.165	-0.1	90	0.00
20 T	Methylene Chloride	0.670	0.662	1.2	89	0.00
21 T	trans-1,2-Dichloroethene	0.615	0.591	3.9	86	0.00
22 T	Diisopropyl ether	2.276	2.062	9.4	82	0.00
23 T	Vinyl Acetate	1.591	1.488	6.5	84	0.00
24 P	1,1-Dichloroethane	1.201	1.115	7.2	82	0.00
25 T	2-Butanone	0.451	0.405	10.2	80	0.00
26 T	2,2-Dichloropropane	1.075	1.001	6.9	85	0.00
27 T	cis-1,2-Dichloroethene	0.764	0.771	-0.9	90	0.00
28 T	Bromochloromethane	0.509	0.438	13.9	74	0.00
29 T	Tetrahydrofuran	0.302	0.267	11.6	79	0.00
30 C	Chloroform	1.180	1.187	-0.6#	90	0.00
31 T	Cyclohexane	1.175	0.920	21.7	72	0.00
32 T	1,1,1-Trichloroethane	1.009	0.973	3.6	86	0.00
33 S	1,2-Dichloroethane-d4	0.725	0.698	3.7	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.232	0.250	-7.8	95	0.00
36 T	1,1-Dichloropropene	0.463	0.435	6.0	80	0.00
37 T	Ethyl Acetate	0.488	0.451	7.6	83	0.00
38 T	Carbon Tetrachloride	0.441	0.447	-1.4	87	0.00
39 T	Methylcyclohexane	0.551	0.494	10.3	77	0.00
40 TM	Benzene	1.485	1.462	1.5	85	0.00
41 T	Methacrylonitrile	0.283	0.261	7.8	81	0.00
42 TM	1,2-Dichloroethane	0.474	0.511	-7.8	94	0.00
43 T	Isopropyl Acetate	1.177	0.832	29.3#	79	0.00
44 TM	Trichloroethene	0.352	0.379	-7.7	92	0.00
45 C	1,2-Dichloropropane	0.364	0.360	1.1#	84	0.00
46 T	Dibromomethane	0.232	0.262	-12.9	94	0.00
47 T	Bromodichloromethane	0.500	0.542	-8.4	93	0.00
48 T	Methyl methacrylate	0.429	0.391	8.9	81	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086504.D
 Acq On : 06 May 2025 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 02:53:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.008	-14.3	95	0.00
50 S	Toluene-d8	1.240	1.178	5.0	77	0.00
51 T	4-Methyl-2-Pentanone	0.500	0.480	4.0	81	0.00
52 CM	Toluene	0.927	0.953	-2.8#	87	0.00
53 T	t-1,3-Dichloropropene	0.558	0.591	-5.9	88	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.628	-2.4	89	0.00
55 T	1,1,2-Trichloroethane	0.333	0.362	-8.7	93	0.00
56 T	Ethyl methacrylate	0.613	0.622	-1.5	88	0.00
57 T	1,3-Dichloropropane	0.592	0.622	-5.1	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.291	0.249	14.4	71	0.00
59 T	2-Hexanone	0.371	0.352	5.1	81	0.00
60 T	Dibromochloromethane	0.366	0.419	-14.5	97	0.00
61 T	1,2-Dibromoethane	0.336	0.376	-11.9	95	0.00
62 S	4-Bromofluorobenzene	0.452	0.460	-1.8	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.385	0.415	-7.8	96	0.00
65 PM	Chlorobenzene	1.116	1.152	-3.2	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.394	-7.1	97	0.00
67 C	Ethyl Benzene	2.014	1.981	1.6#	88	0.00
68 T	m/p-Xylenes	0.754	0.762	-1.1	90	0.00
69 T	o-Xylene	0.746	0.762	-2.1	91	0.00
70 T	Styrene	1.243	1.312	-5.6	92	0.00
71 P	Bromoform	0.277	0.306	-10.5	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	4.090	3.729	8.8	89	0.00
74 T	N-amyl acetate	2.036	1.625	20.2	82	0.00
75 P	1,1,2,2-Tetrachloroethane	1.176	1.085	7.7	94	0.00
76 T	1,2,3-Trichloropropane	1.180	1.056	10.5	91	0.00
77 T	Bromobenzene	0.906	0.960	-6.0	101	0.00
78 T	n-propylbenzene	4.820	4.382	9.1	87	0.00
79 T	2-Chlorotoluene	3.016	2.825	6.3	92	0.00
80 T	1,3,5-Trimethylbenzene	3.348	3.125	6.7	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.491	0.484	1.4	94	0.00
82 T	4-Chlorotoluene	2.996	2.870	4.2	91	0.00
83 T	tert-Butylbenzene	2.901	2.643	8.9	91	0.00
84 T	1,2,4-Trimethylbenzene	3.408	3.236	5.0	91	0.00
85 T	sec-Butylbenzene	4.023	3.668	8.8	87	0.00
86 T	p-Isopropyltoluene	3.316	3.160	4.7	90	0.00
87 T	1,3-Dichlorobenzene	1.704	1.774	-4.1	99	0.00
88 T	1,4-Dichlorobenzene	1.716	1.798	-4.8	100	0.00
89 T	n-Butylbenzene	2.939	2.699	8.2	85	0.00
90 T	Hexachloroethane	0.558	0.511	8.4	88	0.00
91 T	1,2-Dichlorobenzene	1.652	1.724	-4.4	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.237	0.214	9.7	86	0.00
93 T	1,2,4-Trichlorobenzene	0.791	0.816	-3.2	95	0.00
94 T	Hexachlorobutadiene	0.299	0.285	4.7	91	0.00
95 T	Naphthalene	2.804	2.698	3.8	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.767	-2.4	97	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086504.D
 Acq On : 06 May 2025 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 02:53:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	84	0.00
2 T	Dichlorodifluoromethane	50.000	43.500	13.0	73	0.00
3 P	Chloromethane	50.000	39.987	20.0	76	0.00
4 C	Vinyl Chloride	50.000	39.936	20.1#	69	0.00
5 T	Bromomethane	50.000	54.322	-8.6	94	0.00
6 T	Chloroethane	50.000	40.974	18.1	75	0.00
7 T	Trichlorofluoromethane	50.000	47.087	5.8	83	0.00
8 T	Diethyl Ether	50.000	49.246	1.5	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.367	5.3	83	0.00
10 T	Methyl Iodide	50.000	56.950	-13.9	96	0.00
11 T	Tert butyl alcohol	250.000	228.947	8.4	82	0.00
12 CM	1,1-Dichloroethene	50.000	44.312	11.4#	79	0.00
13 T	Acrolein	250.000	293.679	-17.5	99	0.00
14 T	Allyl chloride	50.000	39.156	21.7	74	0.00
15 T	Acrylonitrile	250.000	234.814	6.1	81	0.00
16 T	Acetone	250.000	244.342	2.3	82	0.00
17 T	Carbon Disulfide	50.000	38.837	22.3	74	0.00
18 T	Methyl Acetate	50.000	41.778	16.4	78	0.00
19 T	Methyl tert-butyl Ether	50.000	50.044	-0.1	90	0.00
20 T	Methylene Chloride	50.000	49.351	1.3	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.068	3.9	86	0.00
22 T	Diisopropyl ether	50.000	45.301	9.4	82	0.00
23 T	Vinyl Acetate	250.000	233.806	6.5	84	0.00
24 P	1,1-Dichloroethane	50.000	46.419	7.2	82	0.00
25 T	2-Butanone	250.000	224.541	10.2	80	0.00
26 T	2,2-Dichloropropane	50.000	46.561	6.9	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.460	-0.9	90	0.00
28 T	Bromochloromethane	50.000	42.971	14.1	74	0.00
29 T	Tetrahydrofuran	250.000	220.791	11.7	79	0.00
30 C	Chloroform	50.000	50.306	-0.6#	90	0.00
31 T	Cyclohexane	50.000	39.129	21.7	72	0.00
32 T	1,1,1-Trichloroethane	50.000	48.218	3.6	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.151	3.7	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	53.831	-7.7	95	0.00
36 T	1,1-Dichloropropene	50.000	46.967	6.1	80	0.00
37 T	Ethyl Acetate	50.000	46.172	7.7	83	0.00
38 T	Carbon Tetrachloride	50.000	50.659	-1.3	87	0.00
39 T	Methylcyclohexane	50.000	44.873	10.3	77	0.00
40 TM	Benzene	50.000	49.232	1.5	85	0.00
41 T	Methacrylonitrile	50.000	46.194	7.6	81	0.00
42 TM	1,2-Dichloroethane	50.000	53.978	-8.0	94	0.00
43 T	Isopropyl Acetate	50.000	47.497	5.0	79	0.00
44 TM	Trichloroethene	50.000	53.841	-7.7	92	0.00
45 C	1,2-Dichloropropane	50.000	49.467	1.1#	84	0.00
46 T	Dibromomethane	50.000	56.513	-13.0	94	0.00
47 T	Bromodichloromethane	50.000	54.188	-8.4	93	0.00
48 T	Methyl methacrylate	50.000	45.599	8.8	81	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086504.D
 Acq On : 06 May 2025 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 02:53:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1037.266	-3.7	95	0.00
50 S	Toluene-d8	50.000	47.496	5.0	77	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.230	3.9	81	0.00
52 CM	Toluene	50.000	51.451	-2.9#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	52.877	-5.8	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.209	-2.4	89	0.00
55 T	1,1,2-Trichloroethane	50.000	54.288	-8.6	93	0.00
56 T	Ethyl methacrylate	50.000	50.739	-1.5	88	0.00
57 T	1,3-Dichloropropane	50.000	52.560	-5.1	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	214.142	14.3	71	0.00
59 T	2-Hexanone	250.000	237.737	4.9	81	0.00
60 T	Dibromochloromethane	50.000	57.174	-14.3	97	0.00
61 T	1,2-Dibromoethane	50.000	55.879	-11.8	95	0.00
62 S	4-Bromofluorobenzene	50.000	50.872	-1.7	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	53.908	-7.8	96	0.00
65 PM	Chlorobenzene	50.000	51.618	-3.2	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.454	-6.9	97	0.00
67 C	Ethyl Benzene	50.000	49.188	1.6#	88	0.00
68 T	m/p-Xylenes	100.000	101.007	-1.0	90	0.00
69 T	o-Xylene	50.000	51.063	-2.1	91	0.00
70 T	Styrene	50.000	52.777	-5.6	92	0.00
71 P	Bromoform	50.000	55.203	-10.4	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	45.586	8.8	89	0.00
74 T	N-ethyl acetate	50.000	39.902	20.2	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.141	7.7	94	0.00
76 T	1,2,3-Trichloropropane	50.000	44.750	10.5	91	0.00
77 T	Bromobenzene	50.000	52.953	-5.9	101	0.00
78 T	n-propylbenzene	50.000	45.457	9.1	87	0.00
79 T	2-Chlorotoluene	50.000	46.829	6.3	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.676	6.6	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.258	1.5	94	0.00
82 T	4-Chlorotoluene	50.000	47.903	4.2	91	0.00
83 T	tert-Butylbenzene	50.000	45.565	8.9	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.478	5.0	91	0.00
85 T	sec-Butylbenzene	50.000	45.578	8.8	87	0.00
86 T	p-Isopropyltoluene	50.000	47.642	4.7	90	0.00
87 T	1,3-Dichlorobenzene	50.000	52.061	-4.1	99	0.00
88 T	1,4-Dichlorobenzene	50.000	52.379	-4.8	100	0.00
89 T	n-Butylbenzene	50.000	45.909	8.2	85	0.00
90 T	Hexachloroethane	50.000	45.790	8.4	88	0.00
91 T	1,2-Dichlorobenzene	50.000	52.188	-4.4	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.153	9.7	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.561	-3.1	95	0.00
94 T	Hexachlorobutadiene	50.000	47.708	4.6	91	0.00
95 T	Naphthalene	50.000	48.117	3.8	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.224	-2.4	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

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

Instrument ID: MSVOA_X Calibration Date/Time: 04/30/2025 10:01

Lab File ID: VX045985.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.463	1.629		11.35	20
Toluene	0.885	1.002		13.22	20
Ethyl Benzene	1.914	2.259		18.02	20
m/p-Xylenes	0.696	0.828		18.97	20
o-Xylene	0.686	0.796		16.03	20
Isopropylbenzene	4.005	4.466		11.51	20
n-propylbenzene	4.613	5.277		14.39	20
1,3,5-Trimethylbenzene	3.312	3.775		13.98	20
tert-Butylbenzene	3.279	3.730		13.75	20
1,2,4-Trimethylbenzene	3.324	3.798		14.26	20
sec-Butylbenzene	4.027	4.708		16.91	20
p-Isopropyltoluene	3.320	3.912		17.83	20
n-Butylbenzene	2.879	3.538		22.89	20
1,2-Dichloroethane-d4	0.914	0.976		6.78	20
Dibromofluoromethane	0.355	0.405		14.09	20
Toluene-d8	1.238	1.287		3.96	20
4-Bromofluorobenzene	0.451	0.514		13.97	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045985.D
 Acq On : 30 Apr 2025 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 03:35:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	83019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	141256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80995	53.349	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.700%			
35) Dibromofluoromethane	5.373	113	57222	57.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.200%			
50) Toluene-d8	8.646	98	181740	51.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	11.079	95	72535	56.926	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61470	49.511	ug/l	97
3) Chloromethane	1.306	50	62142	48.720	ug/l	98
4) Vinyl Chloride	1.373	62	59100	50.631	ug/l	99
5) Bromomethane	1.593	94	27831	50.285	ug/l	99
6) Chloroethane	1.666	64	33319	53.801	ug/l	98
7) Trichlorofluoromethane	1.873	101	96541	55.463	ug/l	100
8) Diethyl Ether	2.129	74	32208	55.114	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	59765	58.595	ug/l	97
10) Methyl Iodide	2.446	142	67042	52.697	ug/l	98
11) Tert butyl alcohol	2.971	59	58258	285.531	ug/l	98
12) 1,1-Dichloroethene	2.306	96	53649	53.830	ug/l	99
13) Acrolein	2.233	56	70105	249.511	ug/l	99
14) Allyl chloride	2.654	41	107014	56.591	ug/l	99
15) Acrylonitrile	3.062	53	180191	279.773	ug/l	99
16) Acetone	2.379	43	171103	274.460	ug/l	98
17) Carbon Disulfide	2.501	76	118522	48.149	ug/l	100
18) Methyl Acetate	2.702	43	102006	71.068	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197424	56.627	ug/l	99
20) Methylene Chloride	2.782	84	62273	53.357	ug/l	97
21) trans-1,2-Dichloroethene	3.080	96	54085	53.118	ug/l	96
22) Diisopropyl ether	3.757	45	210737	56.574	ug/l	97
23) Vinyl Acetate	3.714	43	900723	279.868	ug/l	100
24) 1,1-Dichloroethane	3.599	63	115868	55.001	ug/l	99
25) 2-Butanone	4.550	43	260657	285.635	ug/l	98
26) 2,2-Dichloropropane	4.464	77	89561	65.801	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	66980	53.994	ug/l	96
28) Bromochloromethane	4.891	49	51886	50.967	ug/l	99
29) Tetrahydrofuran	5.001	42	163973	277.150	ug/l	99
30) Chloroform	5.086	83	122387	56.460	ug/l	96
31) Cyclohexane	5.458	56	97974	52.607	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	105967	57.773	ug/l	98
36) 1,1-Dichloropropene	5.684	75	77142	57.008	ug/l	98
37) Ethyl Acetate	4.708	43	95465	55.982	ug/l	100
38) Carbon Tetrachloride	5.665	117	89240	61.020	ug/l	95
39) Methylcyclohexane	7.372	83	96485	58.168	ug/l	96
40) Benzene	6.031	78	230095	55.676	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045985.D
 Acq On : 30 Apr 2025 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 01 03:35:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	55285	61.444	ug/l	98
42) 1,2-Dichloroethane	6.080	62	101162	59.265	ug/l	99
43) Isopropyl Acetate	6.336	43	152975	59.187	ug/l	99
44) Trichloroethene	7.116	130	53879	54.850	ug/l	89
45) 1,2-Dichloropropane	7.421	63	59913	58.102	ug/l	96
46) Dibromomethane	7.573	93	45762	57.812	ug/l	99
47) Bromodichloromethane	7.817	83	93621	59.224	ug/l	99
48) Methyl methacrylate	7.689	41	80498	60.322	ug/l	98
49) 1,4-Dioxane	7.653	88	28230	1169.224	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	523428	305.494	ug/l	99
52) Toluene	8.713	92	141515	56.589	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	83909	54.959	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	93412	62.882	ug/l	97
55) 1,1,2-Trichloroethane	9.146	97	57721	57.923	ug/l	97
56) Ethyl methacrylate	9.116	69	93271	60.478	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101237	58.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	225591	289.158	ug/l	100
59) 2-Hexanone	9.427	43	385019	303.451	ug/l	100
60) Dibromochloromethane	9.518	129	67023	61.693	ug/l	99
61) 1,2-Dibromoethane	9.604	107	59506	58.989	ug/l	99
64) Tetrachloroethene	9.268	164	48815	56.324	ug/l	98
65) Chlorobenzene	10.073	112	152893	58.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	53762	59.035	ug/l	99
67) Ethyl Benzene	10.189	91	277323	59.031	ug/l	100
68) m/p-Xylenes	10.299	106	203329	118.999	ug/l	100
69) o-Xylene	10.640	106	97759	58.079	ug/l	96
70) Styrene	10.652	104	168026	60.482	ug/l	99
71) Bromoform	10.798	173	43749	64.339	ug/l #	98
73) Isopropylbenzene	10.957	105	270422	55.748	ug/l	100
74) N-amyl acetate	10.841	43	131755	56.782	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	89373	52.449	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	79337m	53.709	ug/l	
77) Bromobenzene	11.195	156	61170	54.578	ug/l	99
78) n-propylbenzene	11.298	91	319585	57.199	ug/l	100
79) 2-Chlorotoluene	11.359	91	194891	54.562	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	228624	56.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25105	57.681	ug/l	98
82) 4-Chlorotoluene	11.451	91	226967	56.991	ug/l	100
83) tert-Butylbenzene	11.713	119	225892	56.883	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	230007	57.131	ug/l	99
85) sec-Butylbenzene	11.890	105	285093	58.450	ug/l	99
86) p-Isopropyltoluene	12.006	119	236921	58.918	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	113784	55.772	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	113296	54.777	ug/l	99
89) n-Butylbenzene	12.329	91	214265	61.446	ug/l	99
90) Hexachloroethane	12.536	117	41970	60.731	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	111483	54.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21144	59.332	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	64311	56.960	ug/l	100
94) Hexachlorobutadiene	13.725	225	29367	60.361	ug/l	97
95) Naphthalene	13.774	128	237119	56.435	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	67453	57.054	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

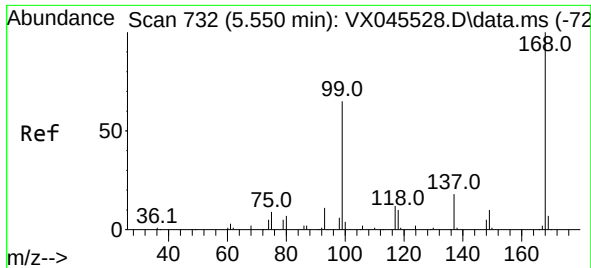
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

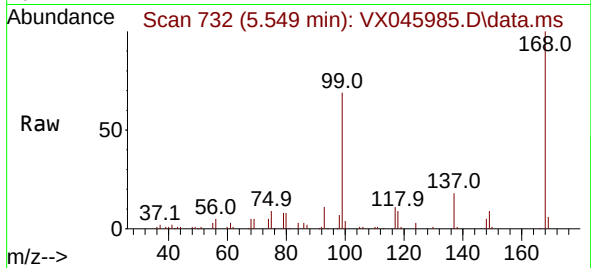
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.001 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

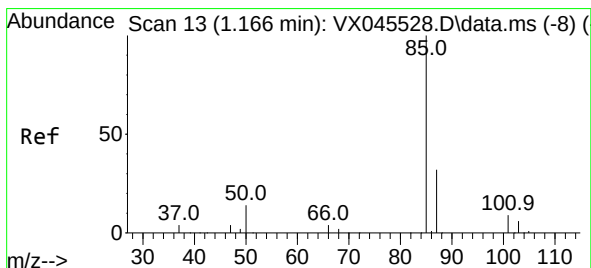
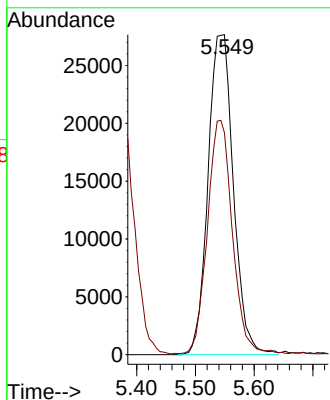
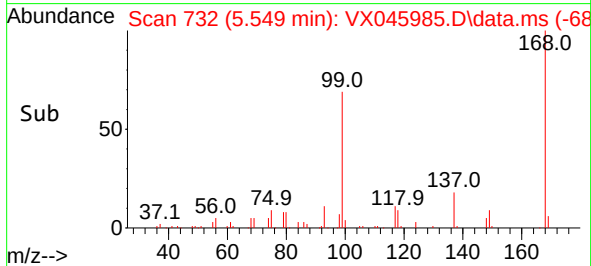
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 83019
Ion Ratio Lower Upper
168 100
99 69.0 52.3 78.5

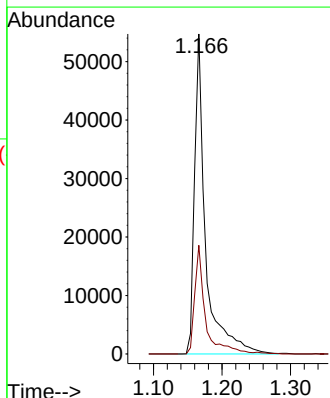
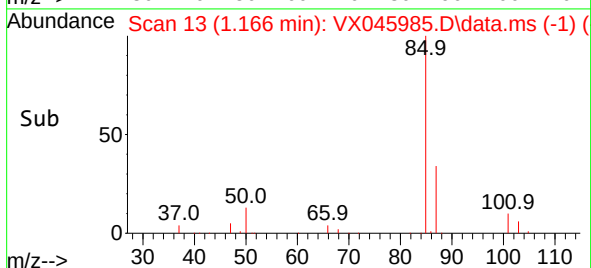
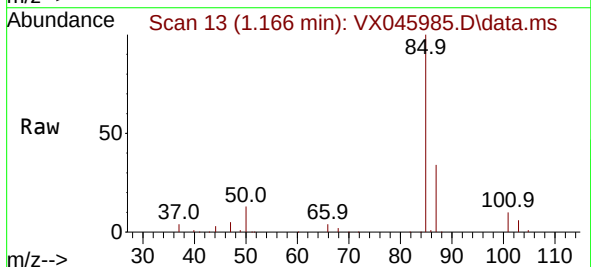
Manual Integrations
APPROVED

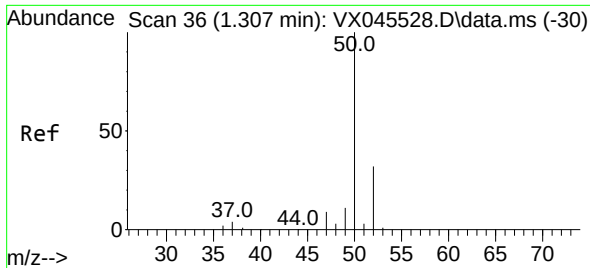
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#2
Dichlorodifluoromethane
Concen: 49.511 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

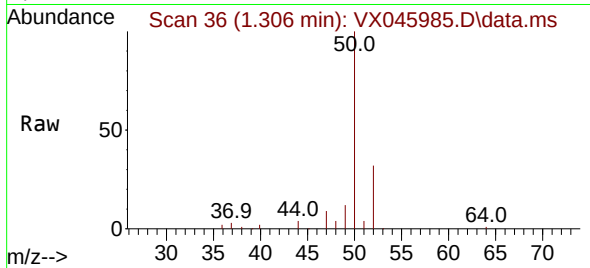
Tgt Ion: 85 Resp: 61470
Ion Ratio Lower Upper
85 100
87 33.9 16.1 48.2





#3
Chloromethane
Concen: 48.720 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

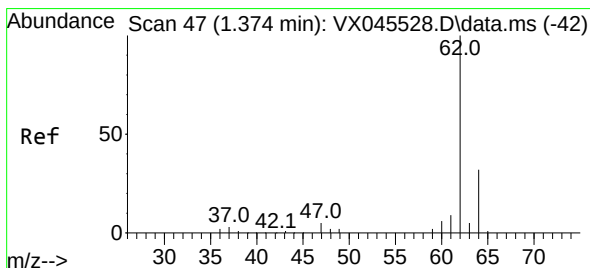
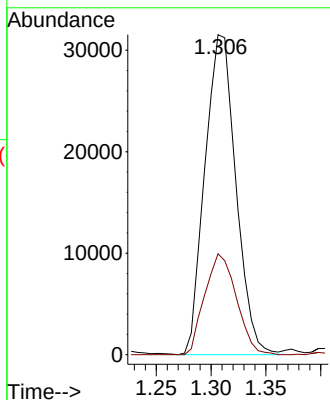
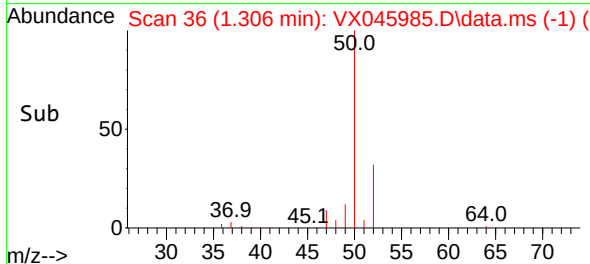
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 6214
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

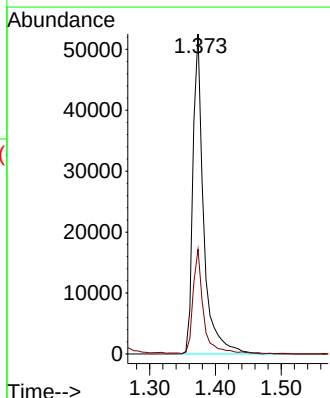
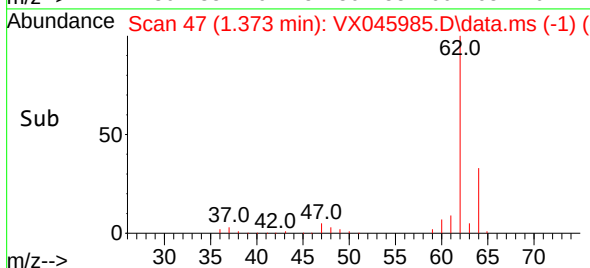
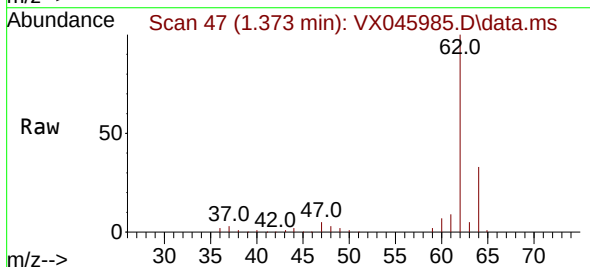
Manual Integrations
APPROVED

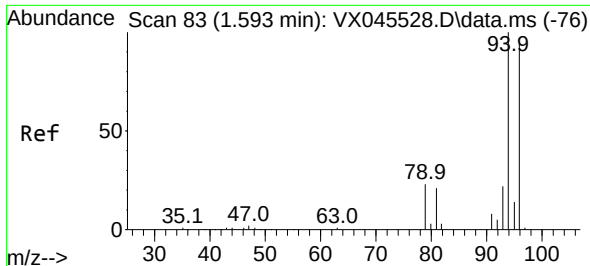
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#4
Vinyl Chloride
Concen: 50.631 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

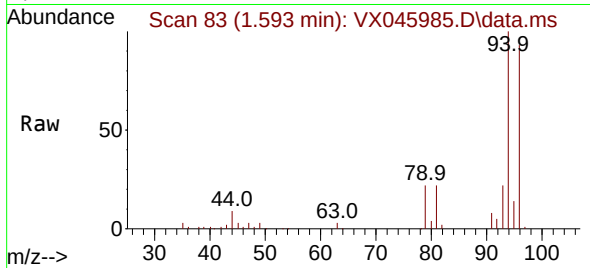
Tgt Ion: 62 Resp: 59100
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





#5
Bromomethane
Concen: 50.285 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

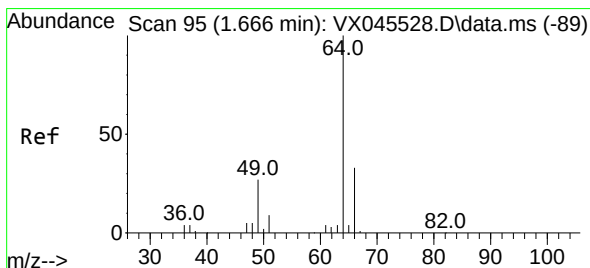
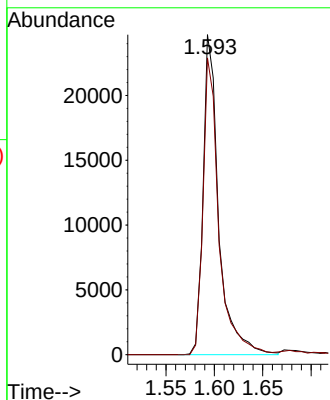
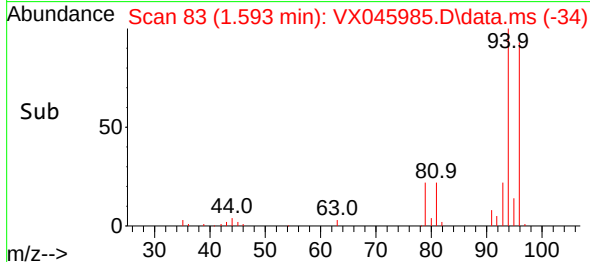
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 2783
Ion Ratio Lower Upper
94 100
96 92.8 74.8 112.2

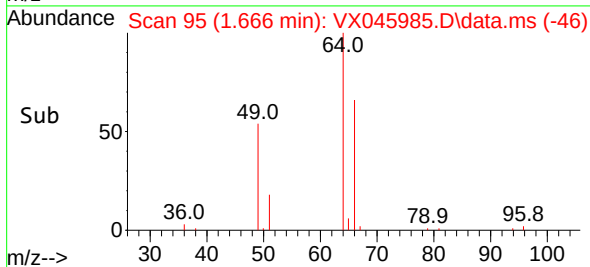
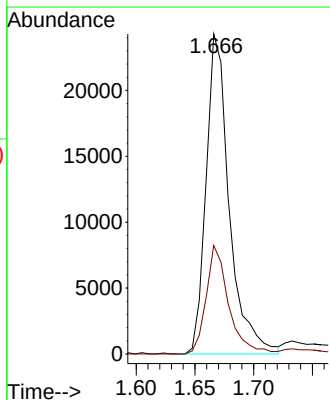
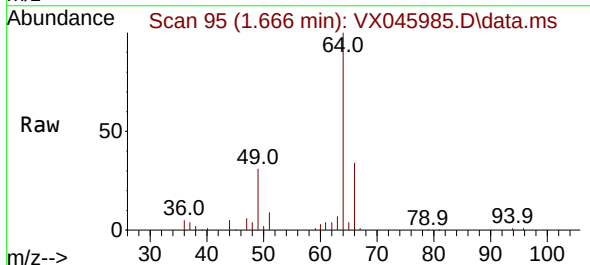
Manual Integrations
APPROVED

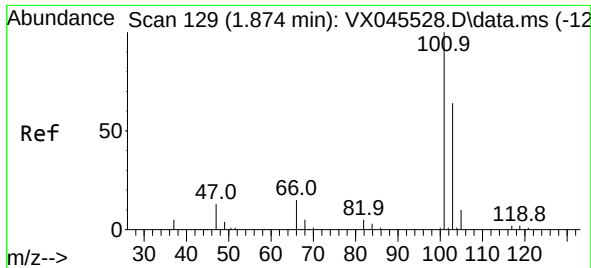
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#6
Chloroethane
Concen: 53.801 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

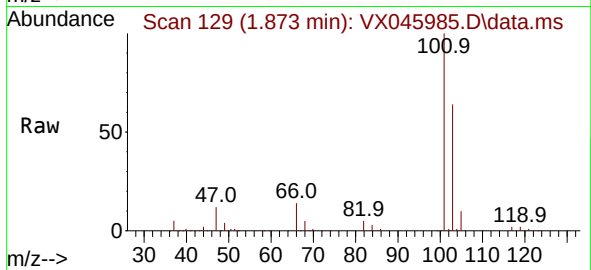
Tgt Ion: 64 Resp: 33319
Ion Ratio Lower Upper
64 100
66 33.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 55.463 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

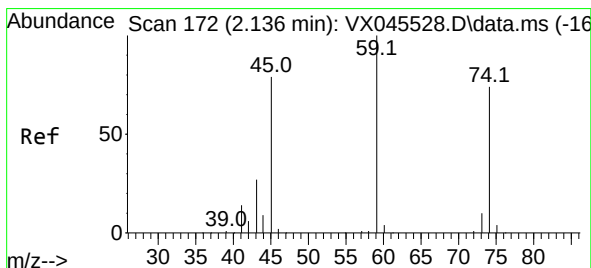
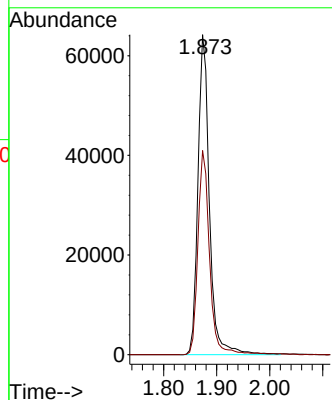
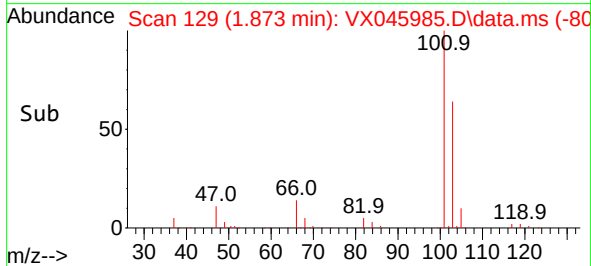
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 9654
Ion Ratio Lower Upper
101 100
103 63.8 51.1 76.7

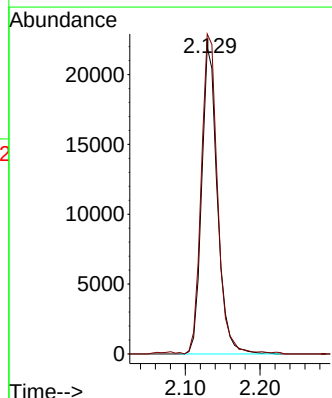
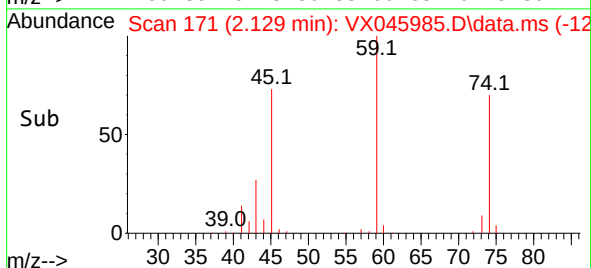
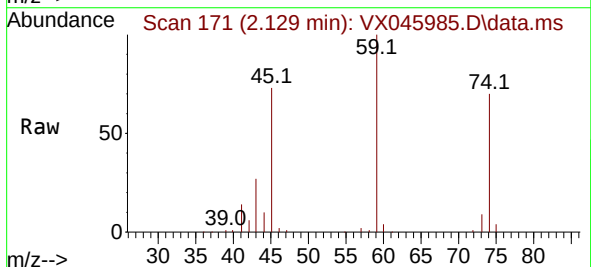
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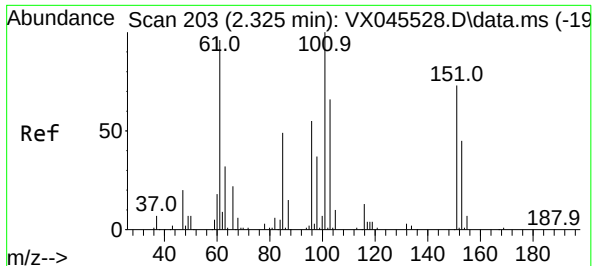
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#8
Diethyl Ether
Concen: 55.114 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 74 Resp: 32208
Ion Ratio Lower Upper
74 100
45 108.1 53.0 159.1





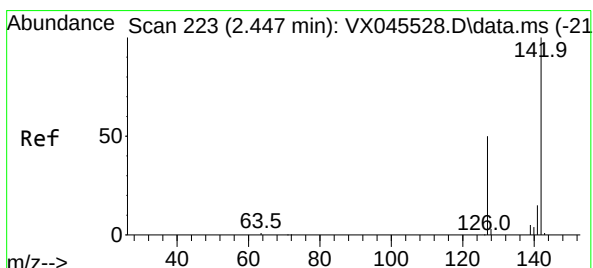
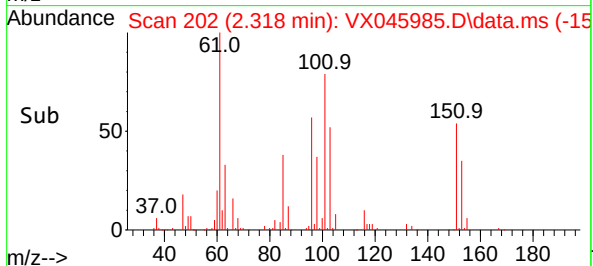
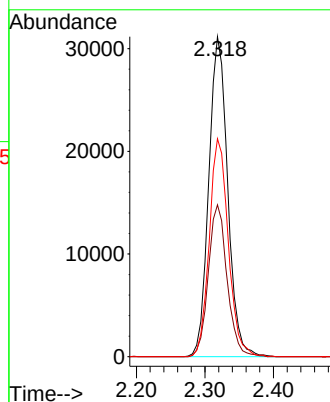
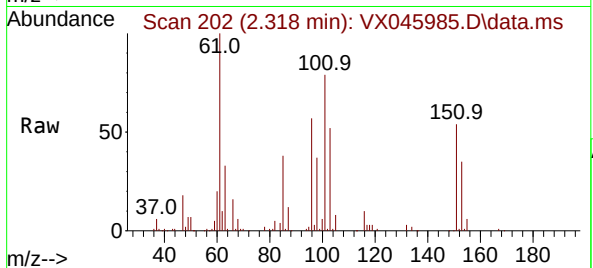
#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.595 ug/l
RT: 2.318 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5976
Ion Ratio Lower Upper
101 100
85 47.1 38.9 58.3
151 68.7 57.5 86.3

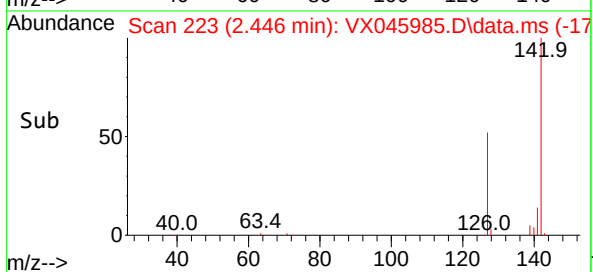
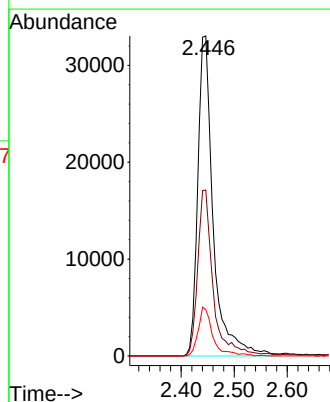
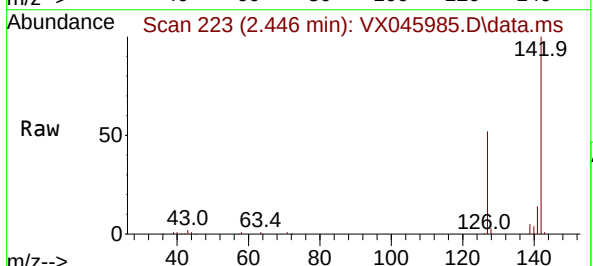
Manual Integrations
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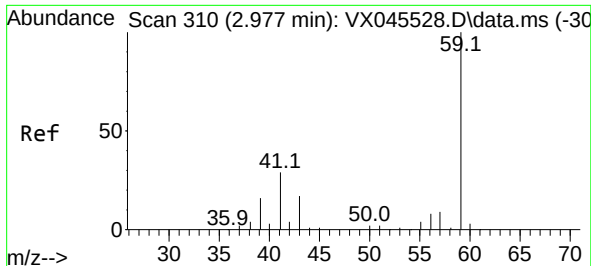
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#10
Methyl Iodide
Concen: 52.697 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

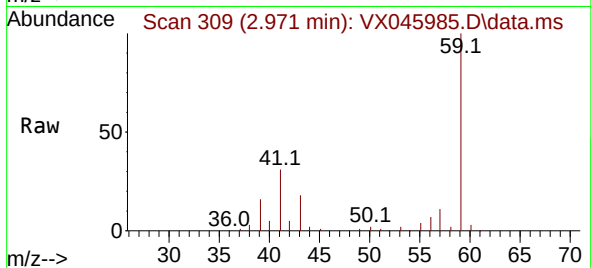
Tgt Ion:142 Resp: 67042
Ion Ratio Lower Upper
142 100
127 51.8 40.2 60.4
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 285.531 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

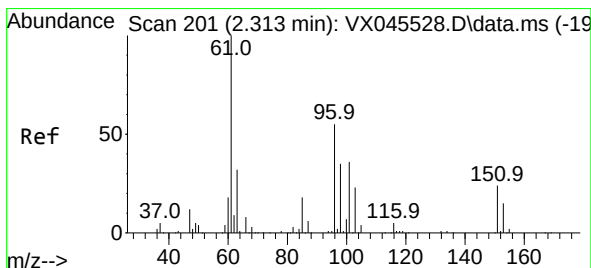
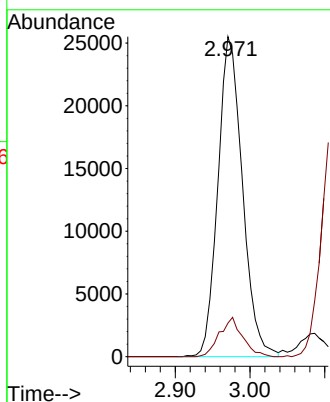
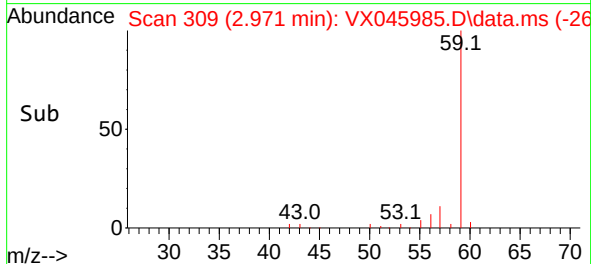
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



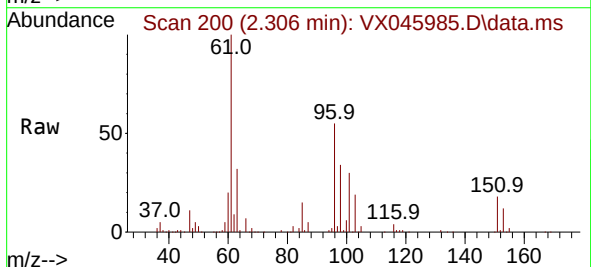
Tgt Ion: 59 Resp: 58258
Ion Ratio Lower Upper
59 100
57 11.6 8.6 12.8

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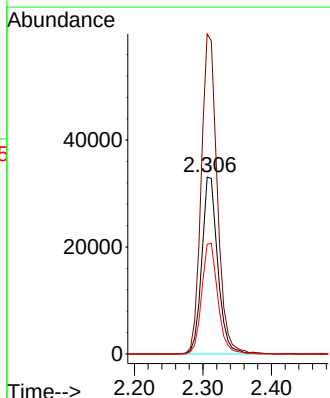
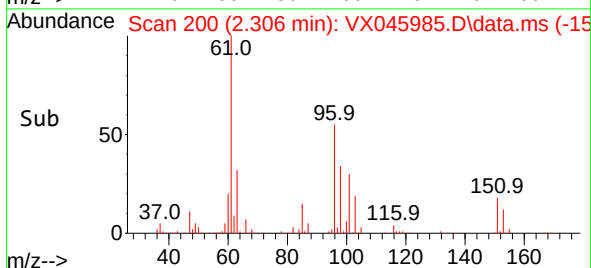
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

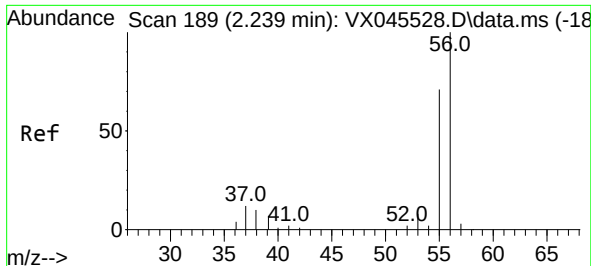


#12
1,1-Dichloroethene
Concen: 53.830 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



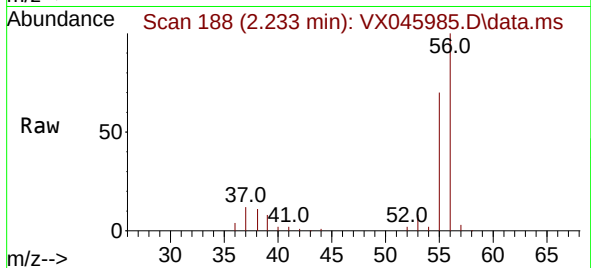
Tgt Ion: 96 Resp: 53649
Ion Ratio Lower Upper
96 100
61 181.0 145.7 218.5
98 62.1 51.6 77.4





#13
Acrolein
Concen: 249.511 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

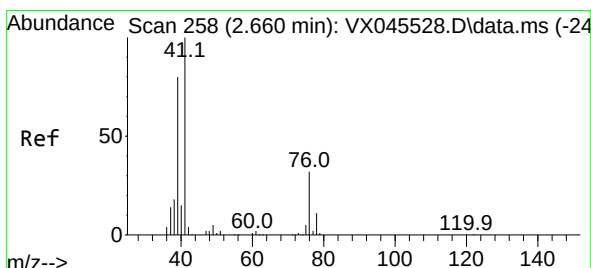
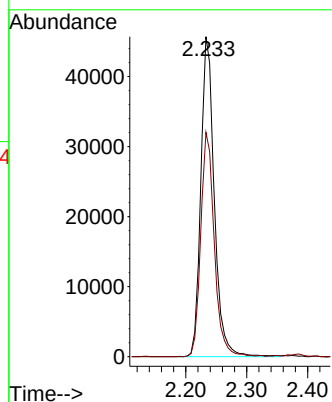
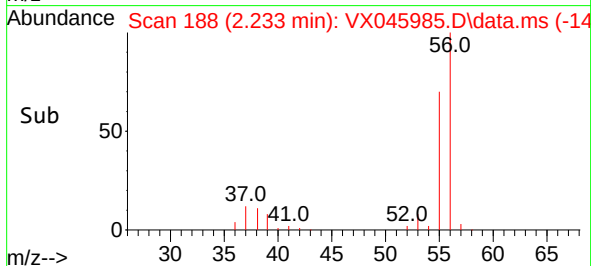
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7010
Ion Ratio Lower Upper
56 100
55 70.9 56.2 84.2

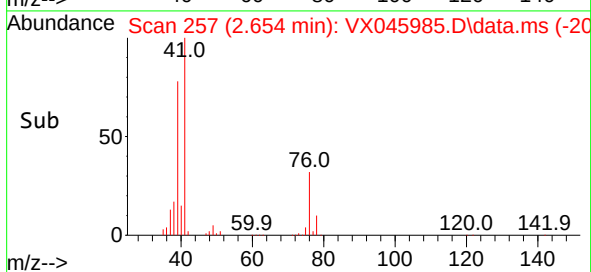
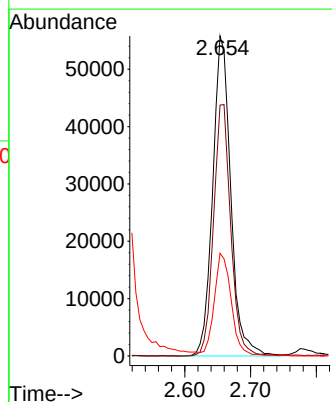
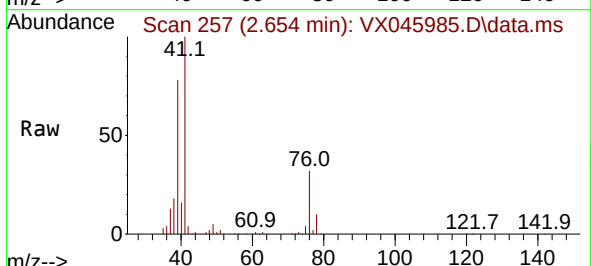
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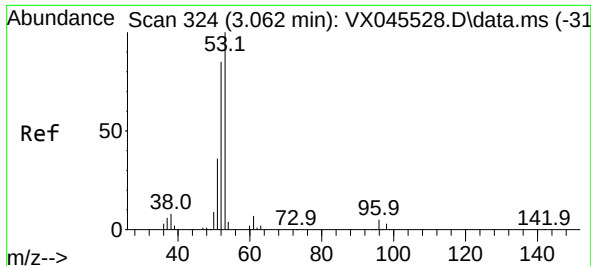
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#14
Allyl chloride
Concen: 56.591 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

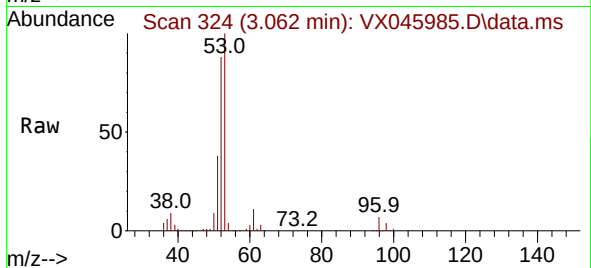
Tgt Ion: 41 Resp: 107014
Ion Ratio Lower Upper
41 100
39 74.8 60.2 90.2
76 30.3 24.6 36.8





#15
Acrylonitrile
Concen: 279.773 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

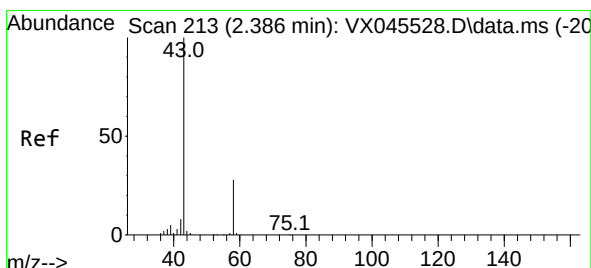
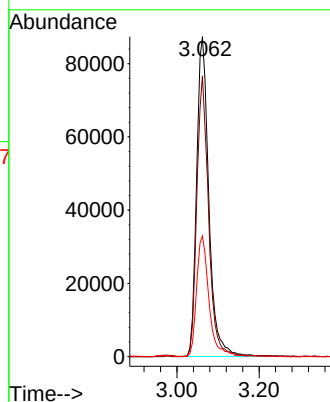
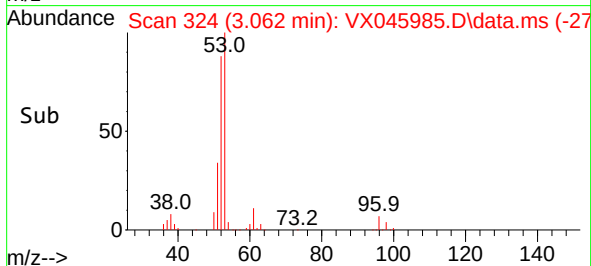
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 18019
Ion Ratio Lower Upper
53 100
52 84.6 67.4 101.2
51 38.0 29.9 44.9

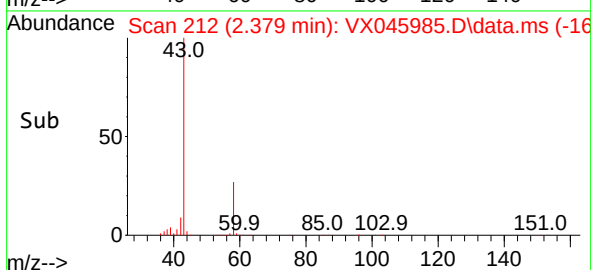
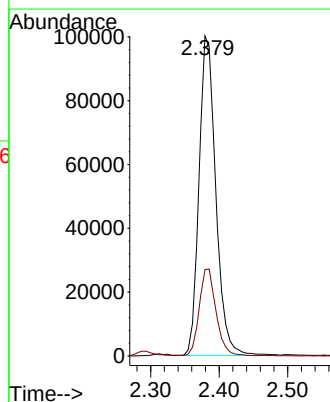
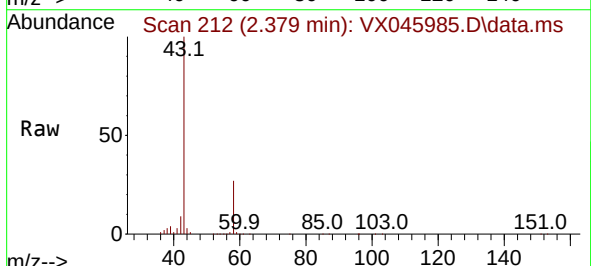
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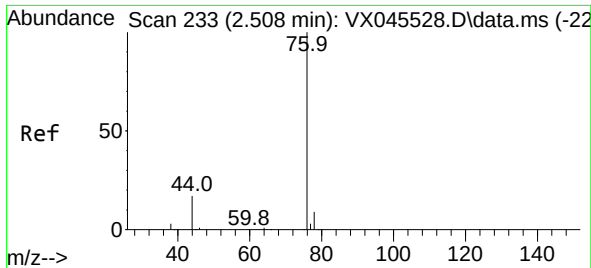
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#16
Acetone
Concen: 274.460 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 171103
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5





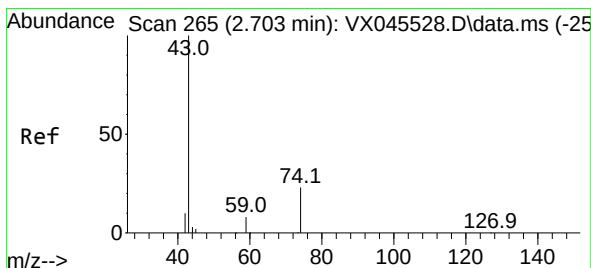
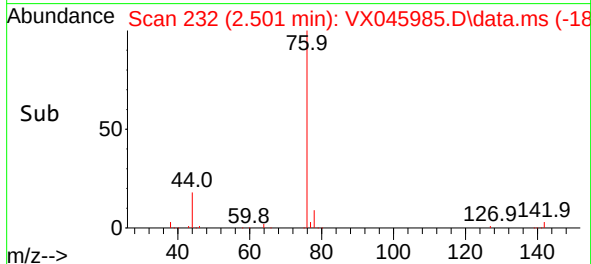
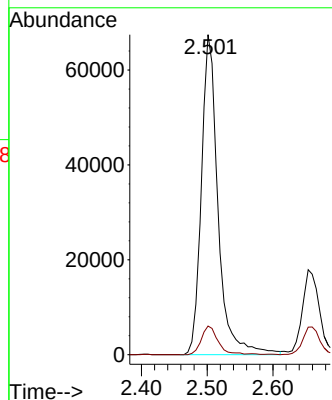
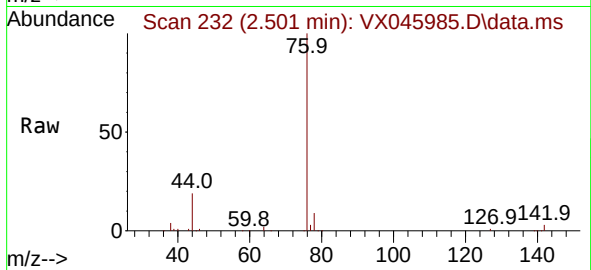
#17
Carbon Disulfide
Concen: 48.149 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 11852
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

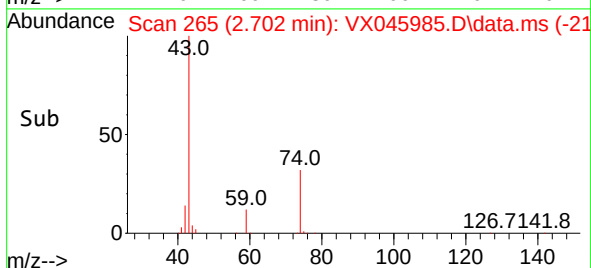
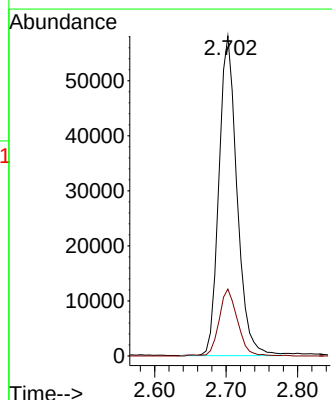
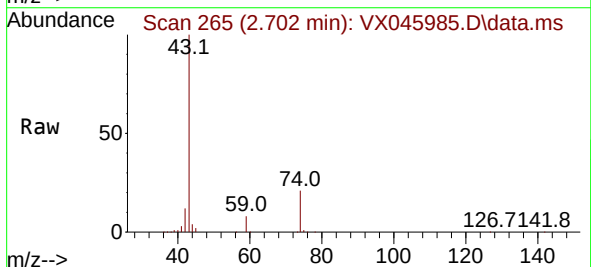
Manual Integrations
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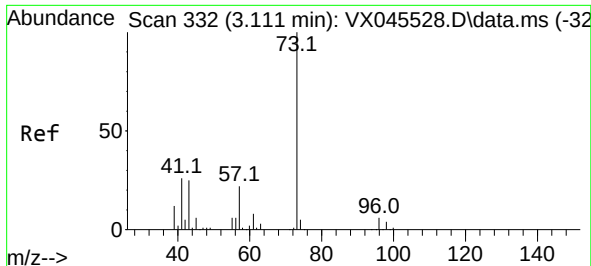
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#18
Methyl Acetate
Concen: 71.068 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

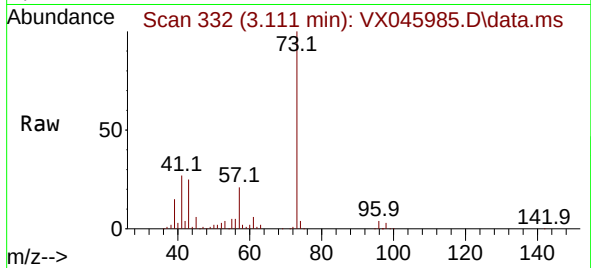
Tgt Ion: 43 Resp: 102006
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 56.627 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

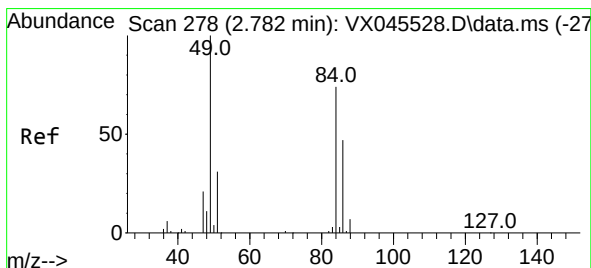
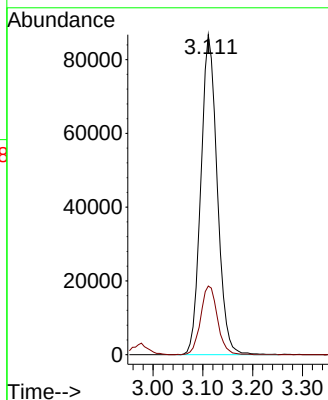
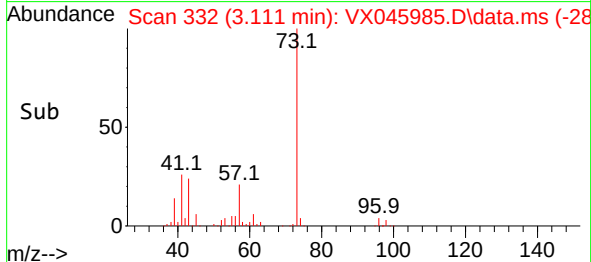
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 197424
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

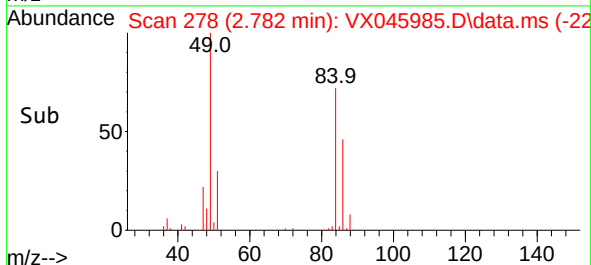
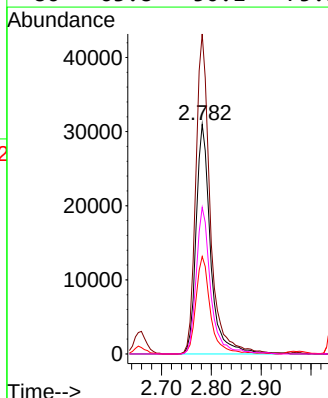
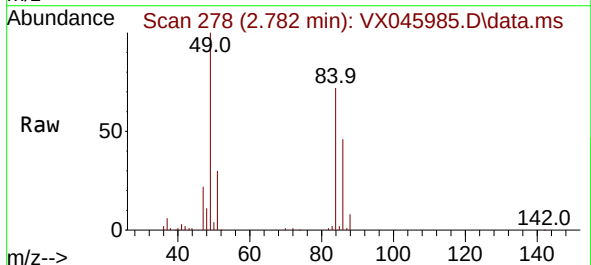
Manual Integrations
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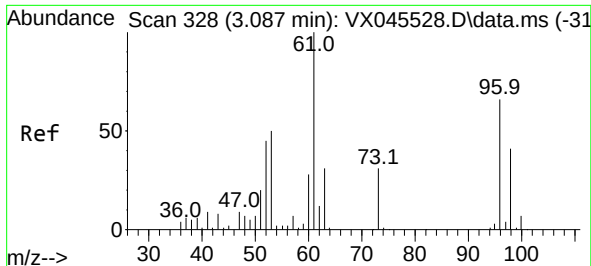
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 53.357 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 84 Resp: 62273
Ion Ratio Lower Upper
84 100
49 139.4 107.5 161.3
51 42.5 33.0 49.6
86 63.8 50.1 75.1





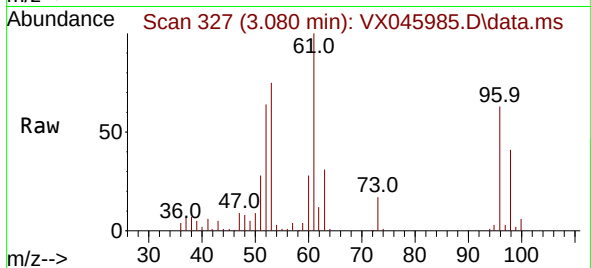
#21
trans-1,2-Dichloroethene
Concen: 53.118 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



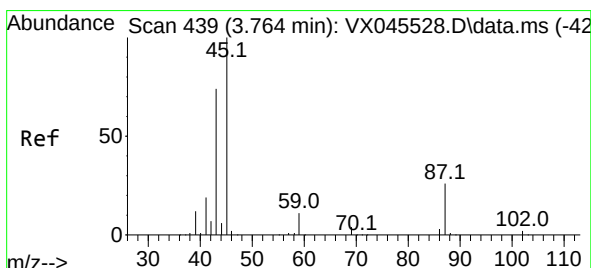
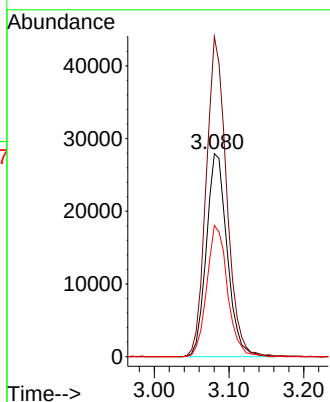
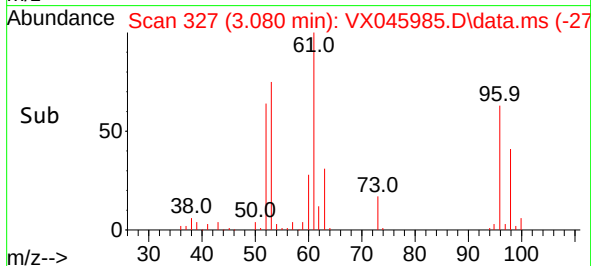
Tgt Ion: 96 Resp: 54085
Ion Ratio Lower Upper
96 100
61 157.7 121.0 181.6
98 64.6 49.7 74.5

Manual Integrations

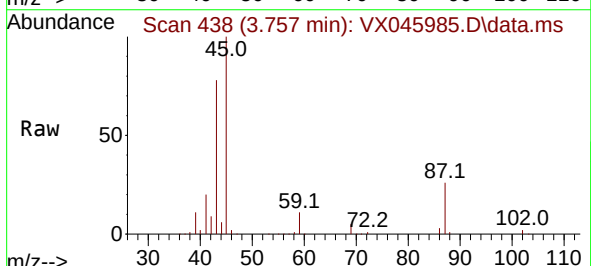
APPROVED

Reviewed By :John Carbone 05/02/2025

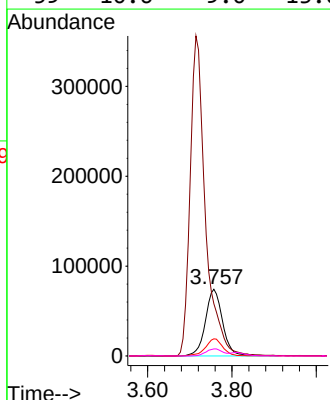
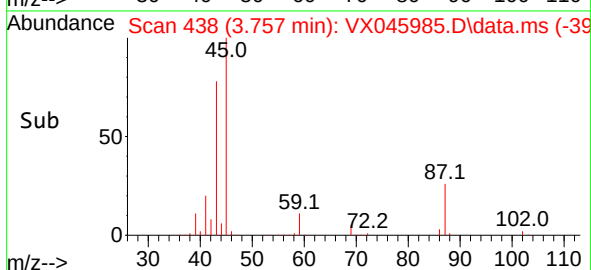
Supervised By :Semsettin Yesilyurt 05/05/2025

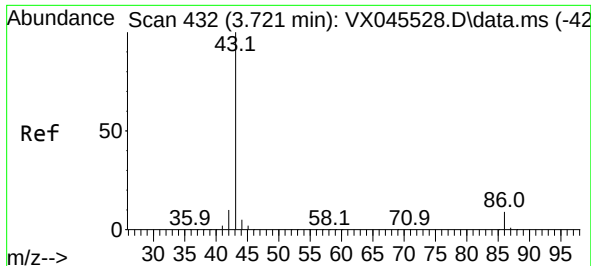


#22
Diisopropyl ether
Concen: 56.574 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



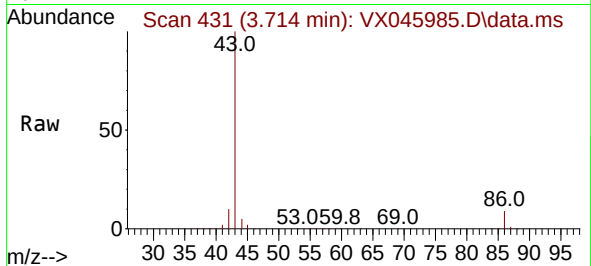
Tgt Ion: 45 Resp: 210737
Ion Ratio Lower Upper
45 100
43 77.6 59.3 88.9
87 25.7 20.4 30.6
59 10.6 9.0 13.6





#23
 Vinyl Acetate
 Concen: 279.868 ug/l
 RT: 3.714 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045985.D
 Acq: 30 Apr 2025 10:01

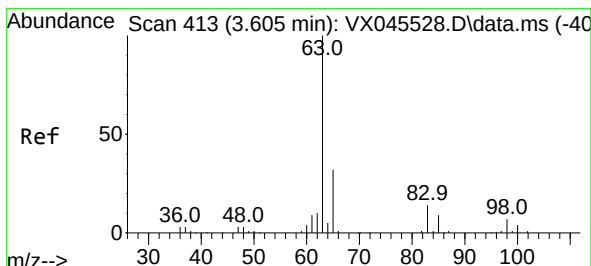
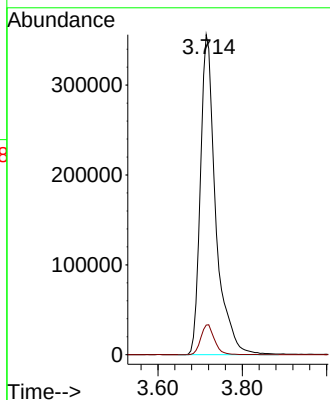
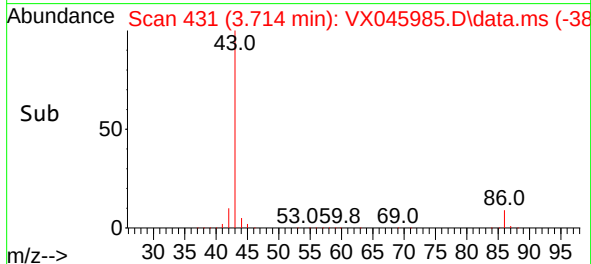
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



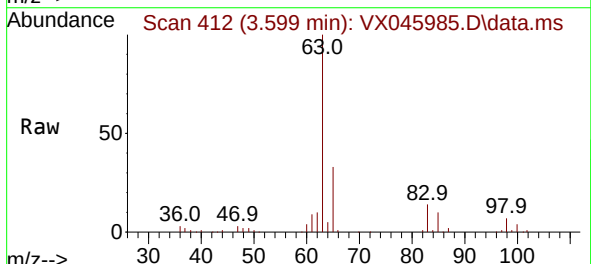
Tgt Ion: 43 Resp: 900723
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

Manual Integrations
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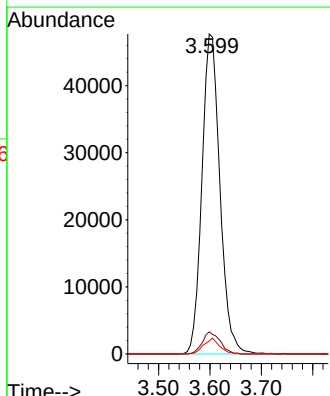
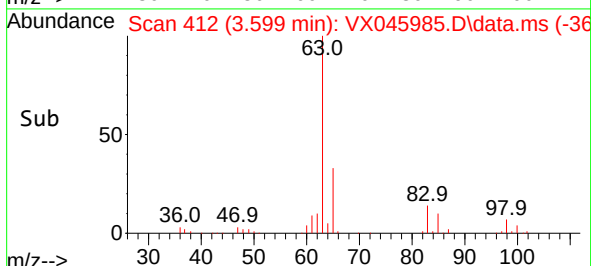
Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

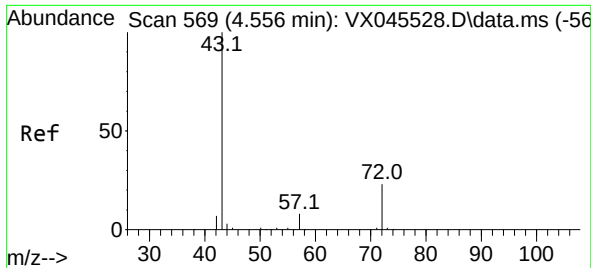


#24
 1,1-Dichloroethane
 Concen: 55.001 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045985.D
 Acq: 30 Apr 2025 10:01



Tgt Ion: 63 Resp: 115868
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.0 2.2 6.6





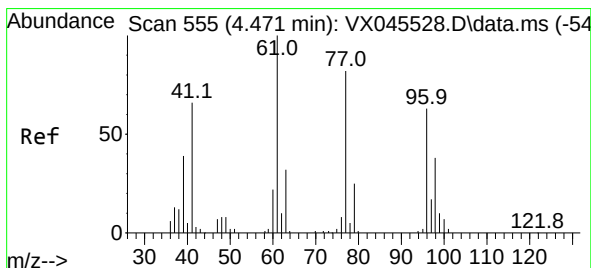
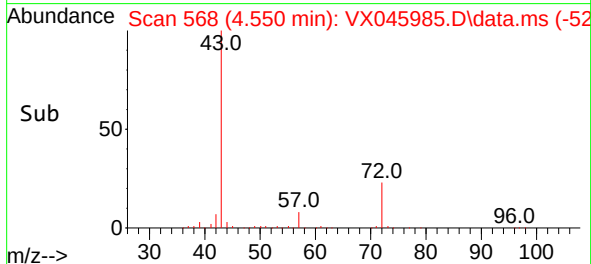
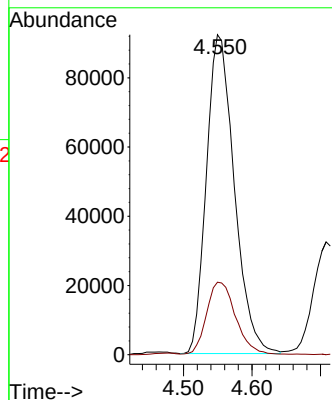
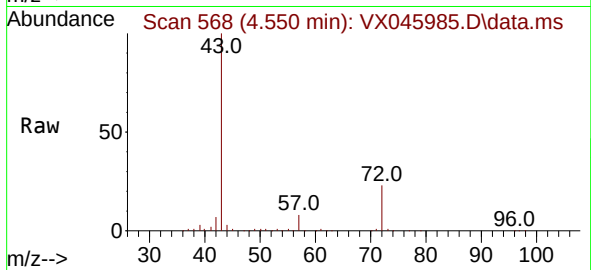
#25
2-Butanone
Concen: 285.635 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 26065
Ion Ratio Lower Upper
43 100
72 22.5 18.6 28.0

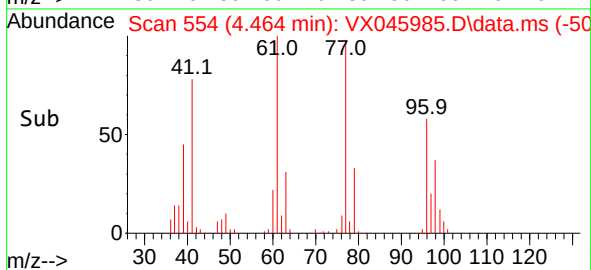
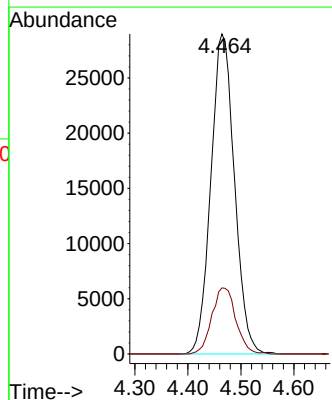
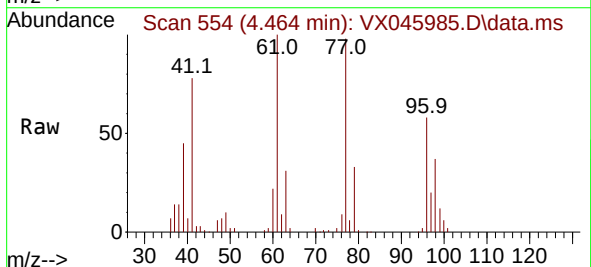
Manual Integrations
APPROVED

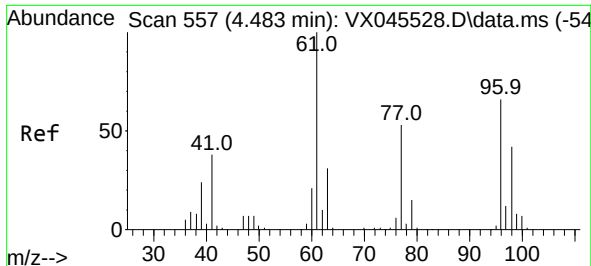
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#26
2,2-Dichloropropane
Concen: 65.801 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 77 Resp: 89561
Ion Ratio Lower Upper
77 100
97 21.0 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 53.994 ug/l

RT: 4.476 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 66980

Ion Ratio Lower Upper

96 100

61 162.7 0.0 313.2

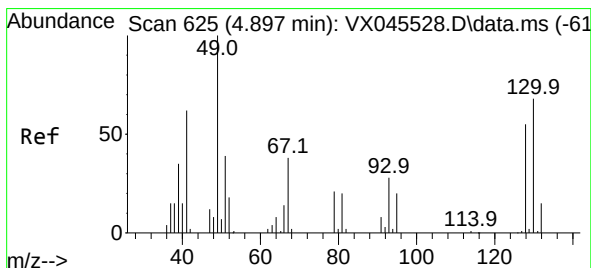
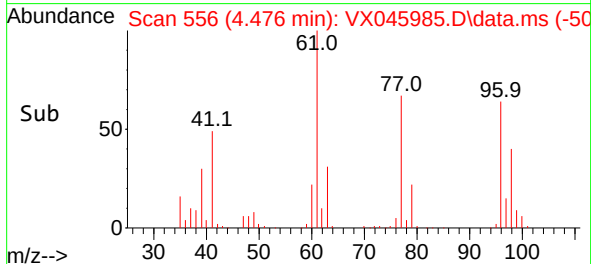
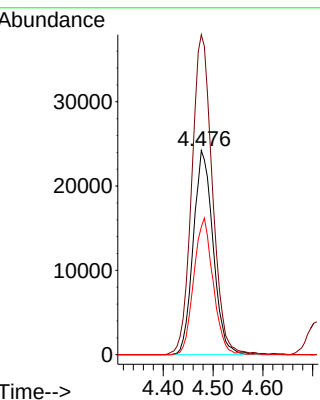
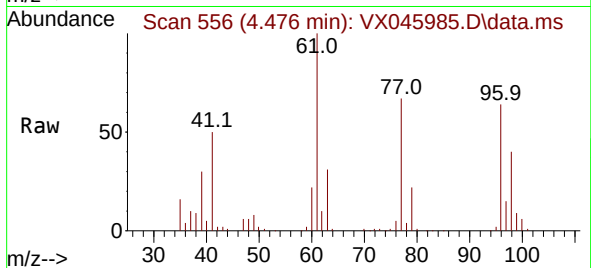
98 65.1 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#28

Bromochloromethane

Concen: 50.967 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

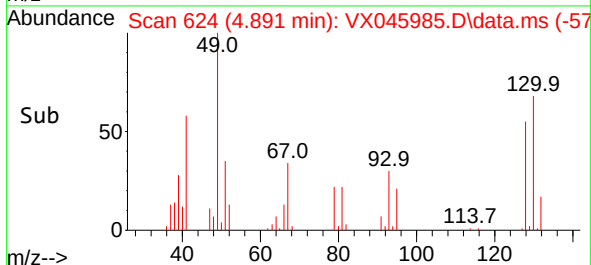
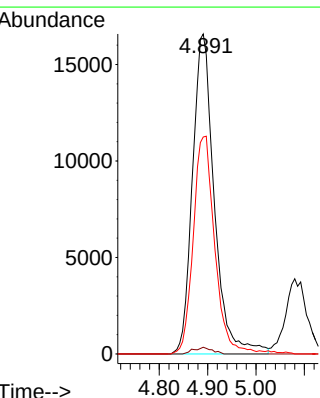
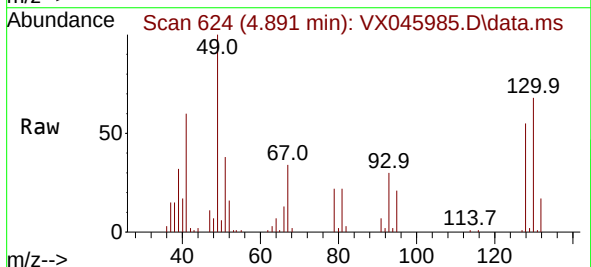
Tgt Ion: 49 Resp: 51886

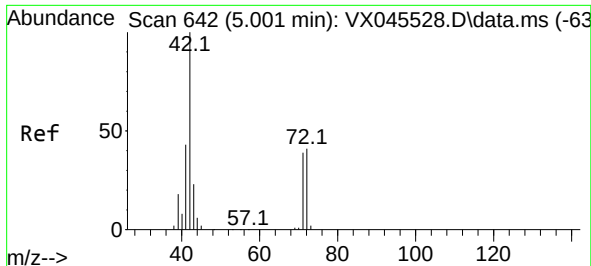
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 67.1 54.6 81.8





#29

Tetrahydrofuran

Concen: 277.150 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16397

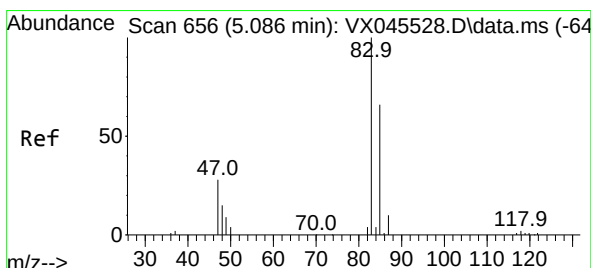
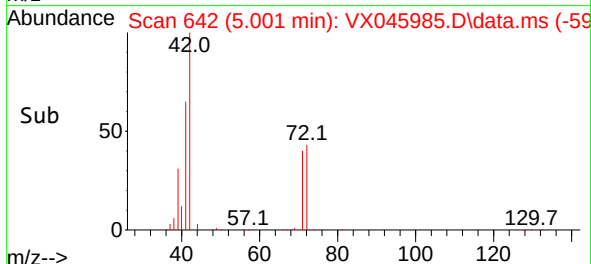
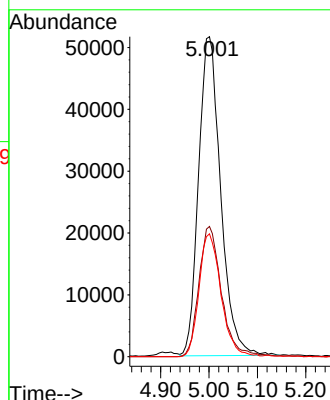
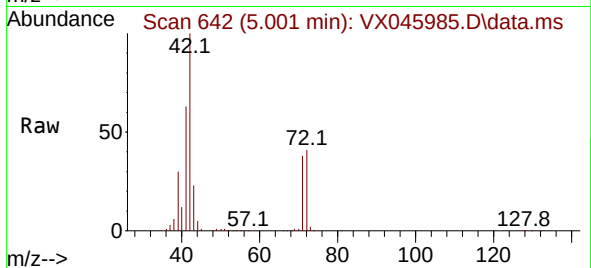
Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.4	50.0
71	38.2	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#30

Chloroform

Concen: 56.460 ug/l

RT: 5.086 min Scan# 656

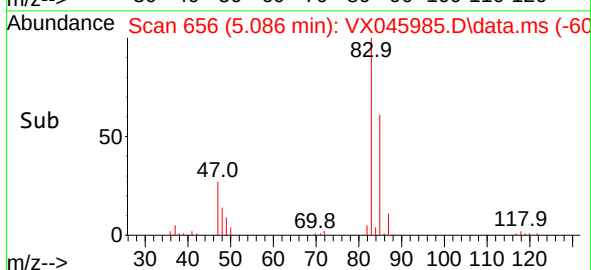
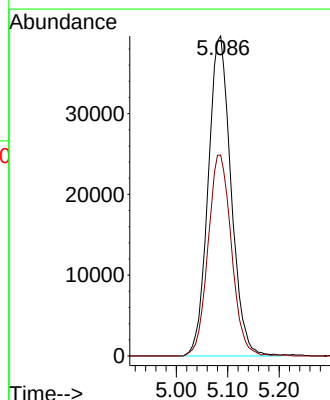
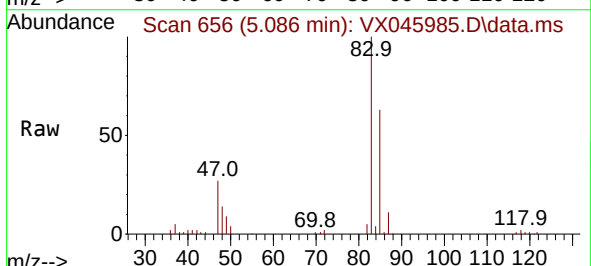
Delta R.T. -0.000 min

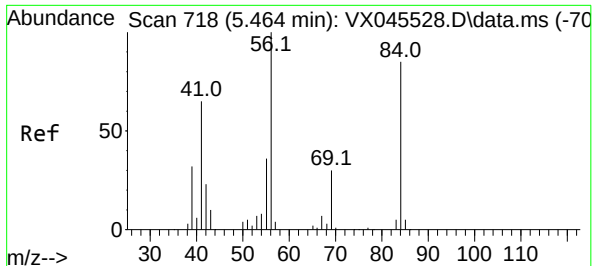
Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Tgt Ion: 83 Resp: 122387

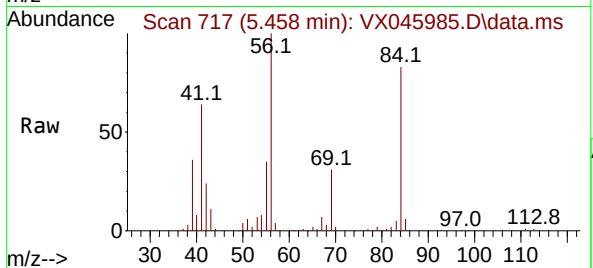
Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.8	79.2





#31
Cyclohexane
Concen: 52.607 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

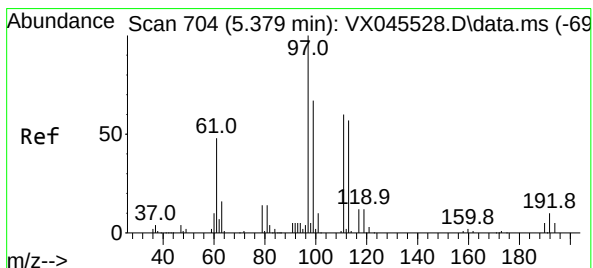
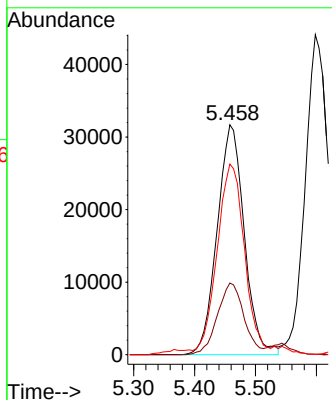
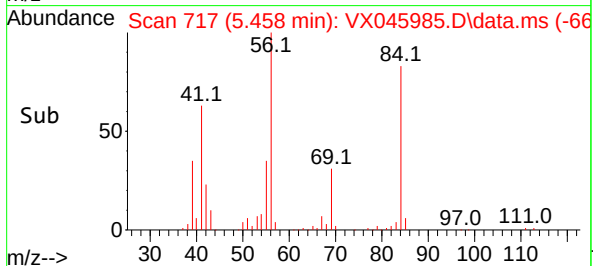
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 97974
Ion Ratio Lower Upper
56 100
69 31.2 23.6 35.4
84 81.0 67.7 101.5

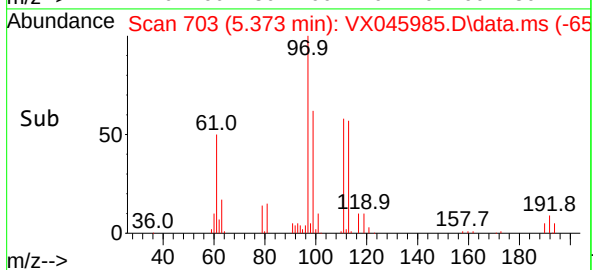
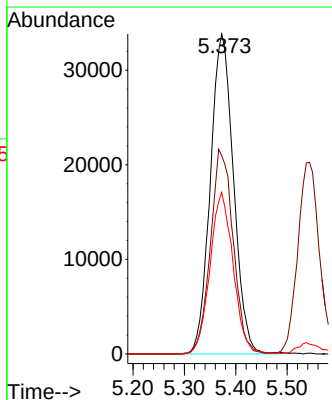
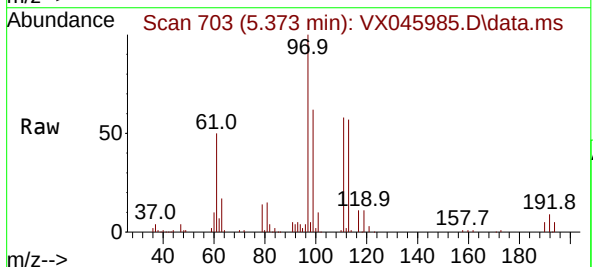
Manual Integrations
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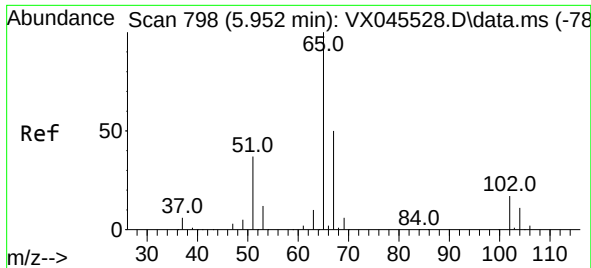
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#32
1,1,1-Trichloroethane
Concen: 57.773 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 97 Resp: 105967
Ion Ratio Lower Upper
97 100
99 62.8 51.7 77.5
61 50.4 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 53.349 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8099

Ion Ratio Lower Upper

65 100

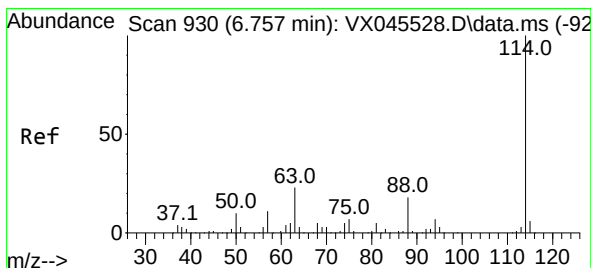
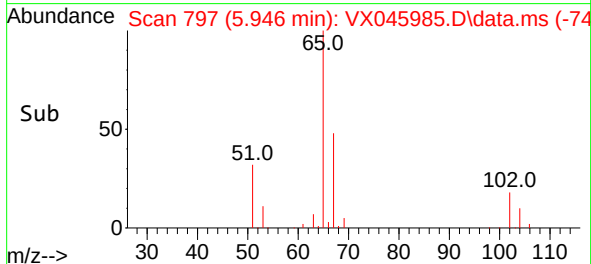
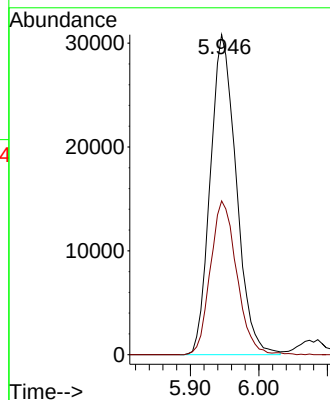
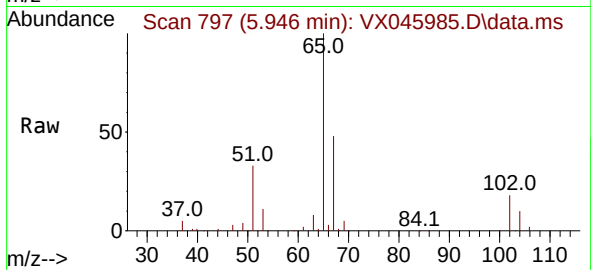
67 48.8 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

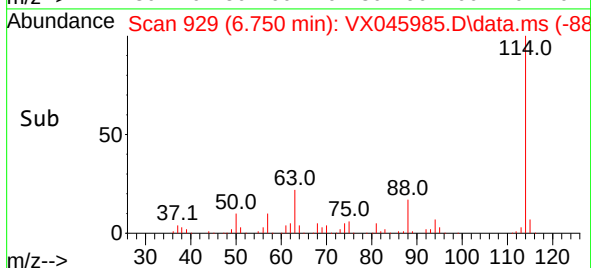
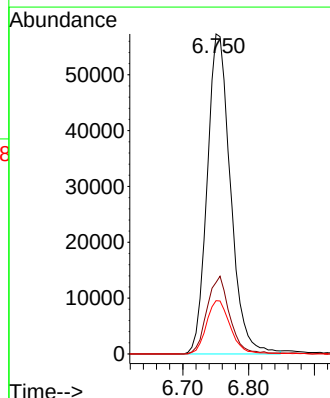
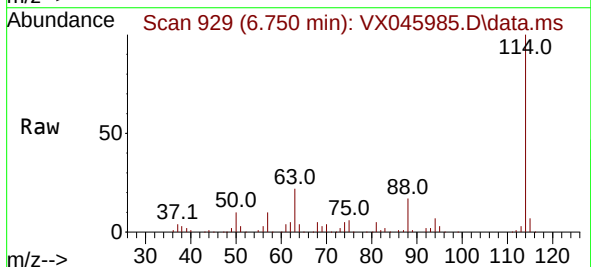
Tgt Ion:114 Resp: 141256

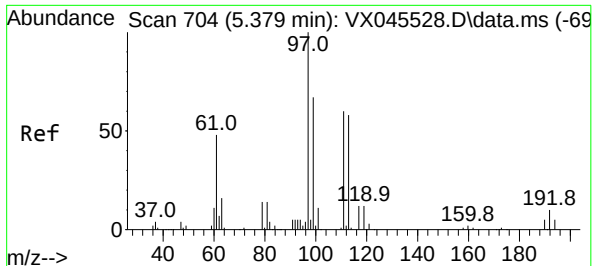
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.8

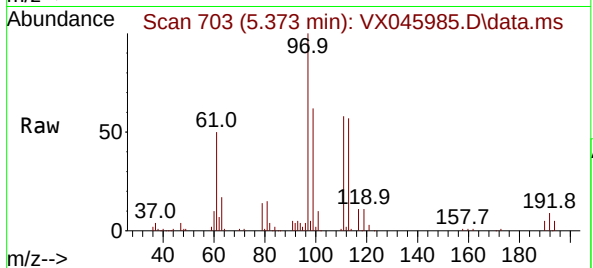
88 16.6 0.0 35.4





#35
Dibromofluoromethane
Concen: 57.096 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

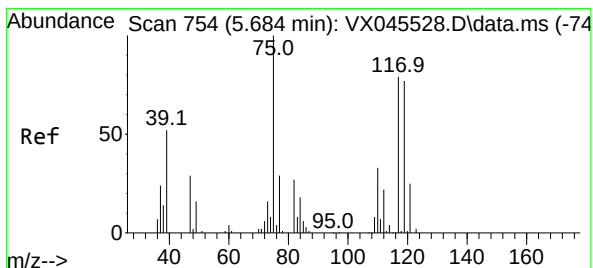
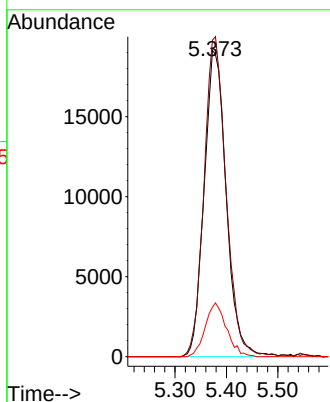
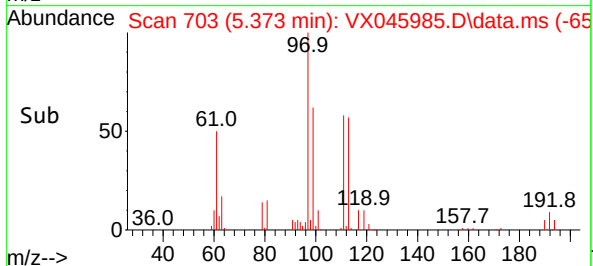
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 5722
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 16.9 13.8 20.6

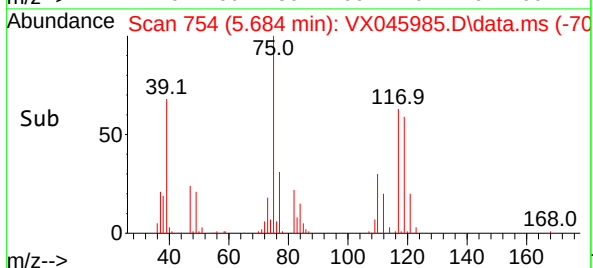
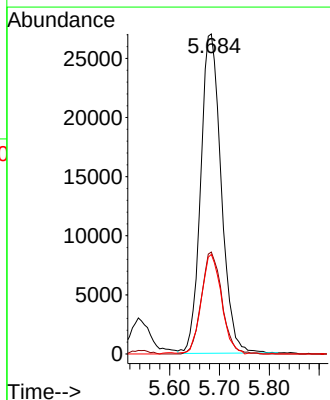
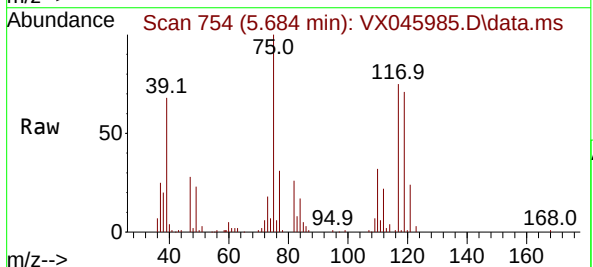
Manual Integrations
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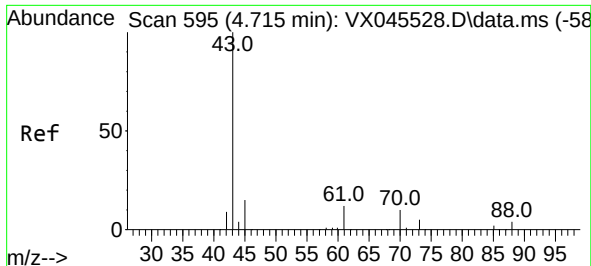
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#36
1,1-Dichloropropene
Concen: 57.008 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 75 Resp: 77142
Ion Ratio Lower Upper
75 100
110 32.0 16.9 50.6
77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 55.982 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

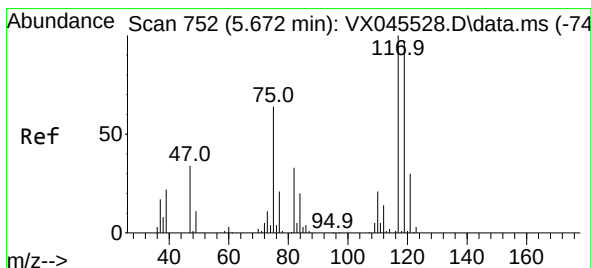
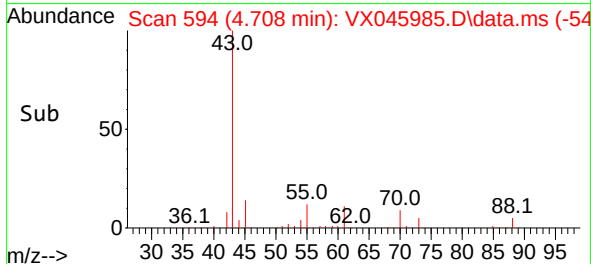
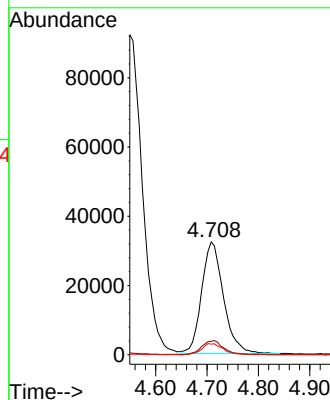
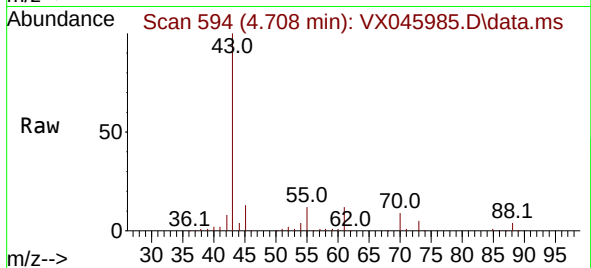
Tgt Ion:	43	Resp:	9546
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	9.6	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#38

Carbon Tetrachloride

Concen: 61.020 ug/l

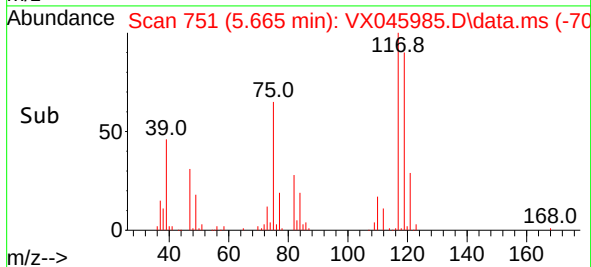
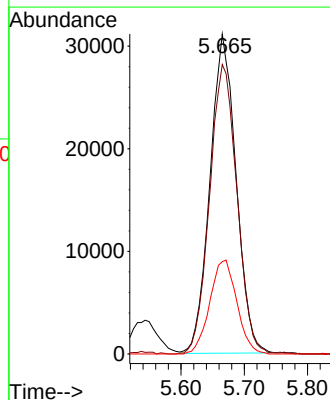
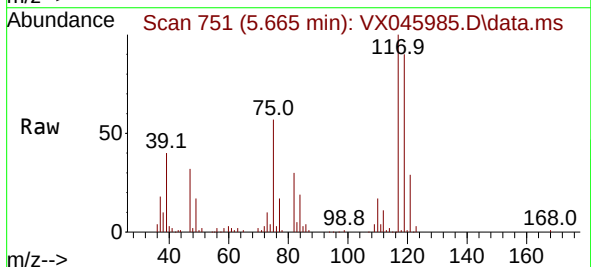
RT: 5.665 min Scan# 751

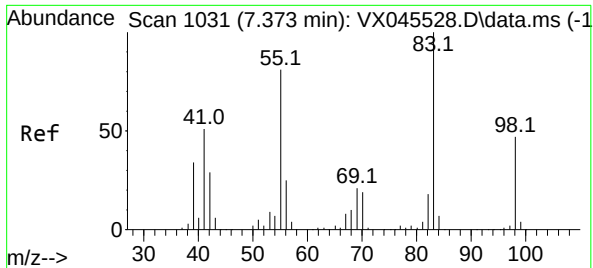
Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Tgt Ion:	117	Resp:	89240
Ion	Ratio	Lower	Upper
117	100		
119	90.4	76.9	115.3
121	29.0	24.2	36.2





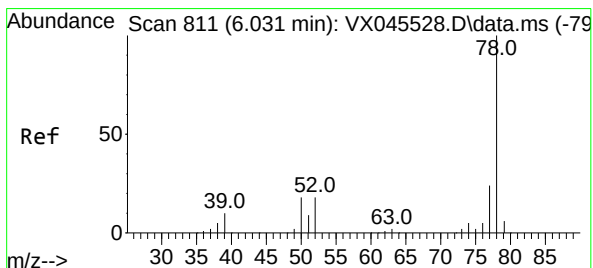
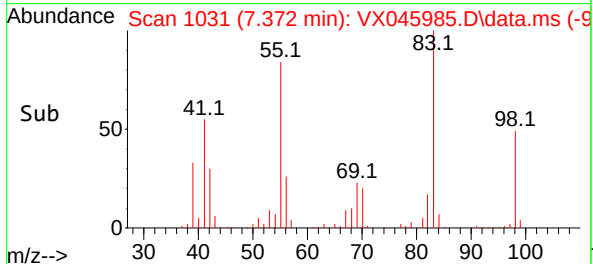
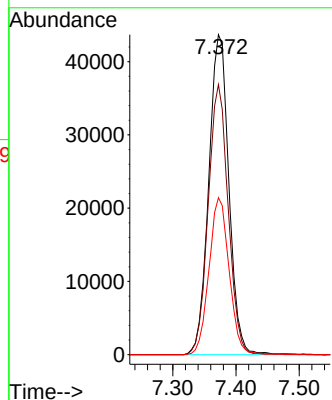
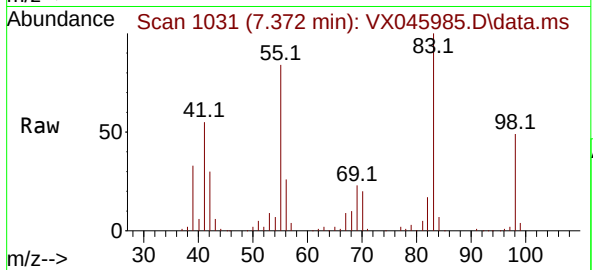
#39
Methylcyclohexane
Concen: 58.168 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 96485
Ion Ratio Lower Upper
83 100
55 84.4 64.9 97.3
98 49.0 37.4 56.0

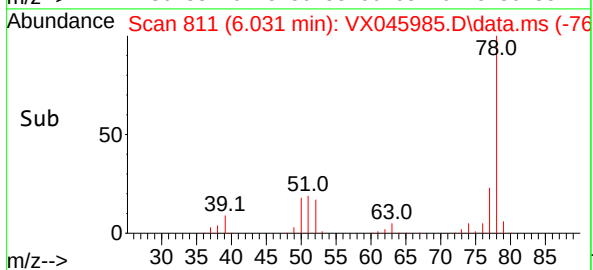
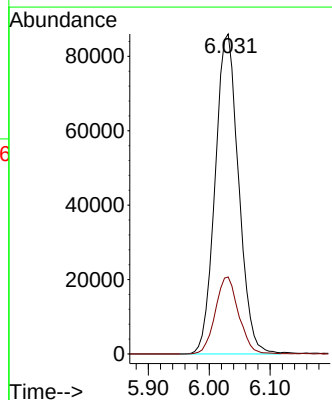
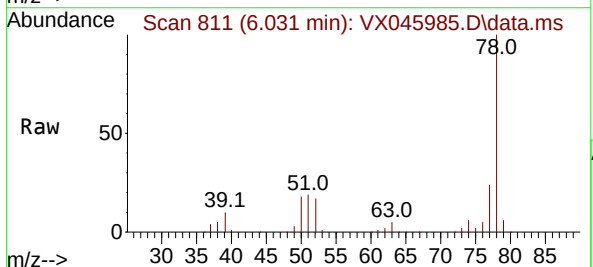
Manual Integrations
APPROVED

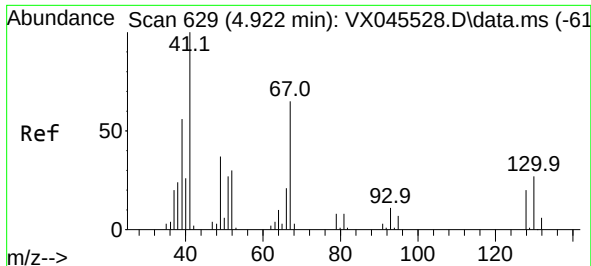
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#40
Benzene
Concen: 55.676 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

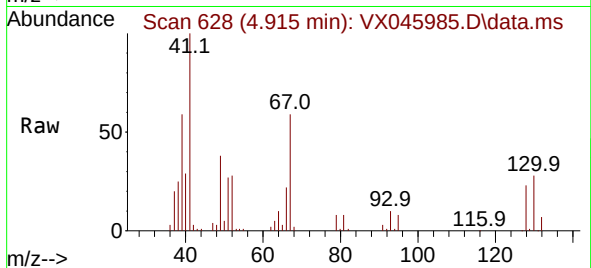
Tgt Ion: 78 Resp: 230095
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 61.444 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

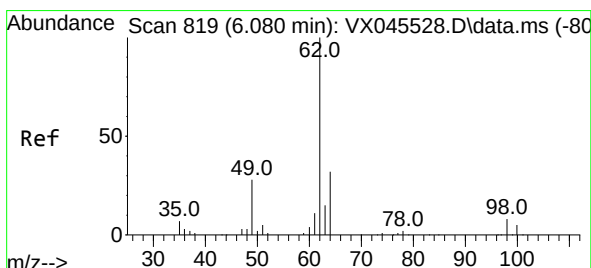
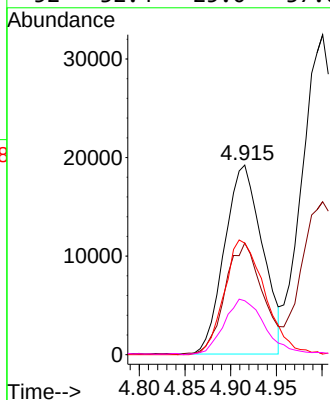
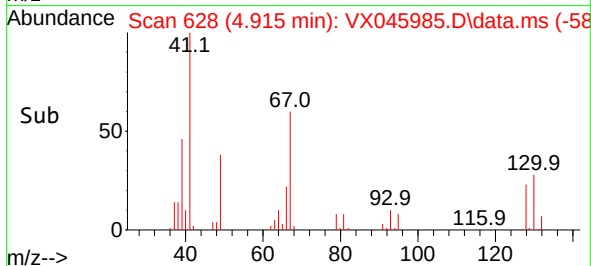
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5528
Ion Ratio Lower Upper
41 100
39 60.3 47.0 70.6
67 65.3 53.2 79.8
52 32.4 25.0 37.6

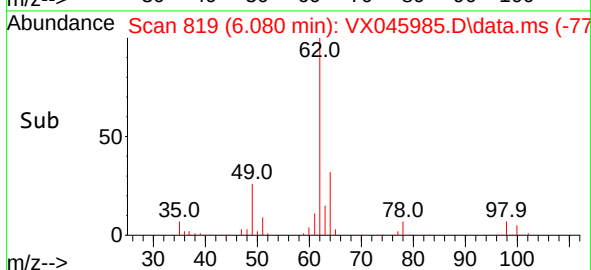
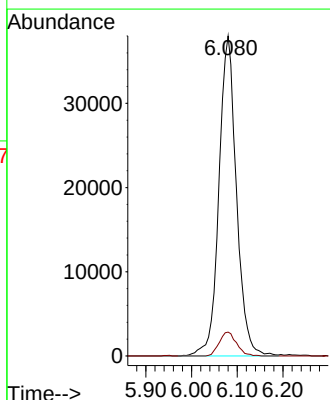
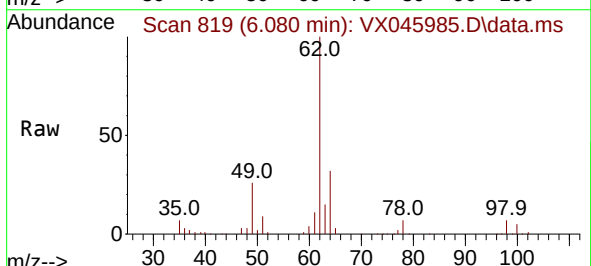
Manual Integrations
APPROVED

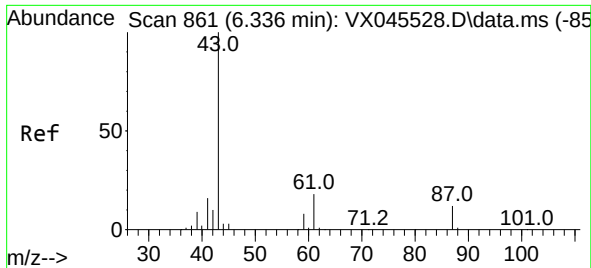
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#42
1,2-Dichloroethane
Concen: 59.265 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

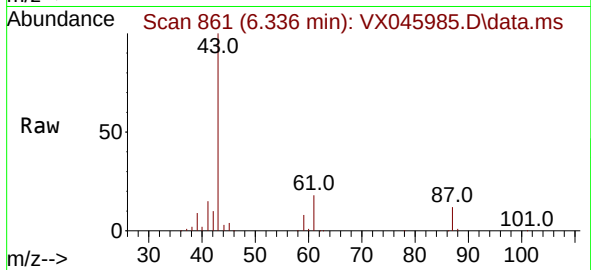
Tgt Ion: 62 Resp: 101162
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 59.187 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

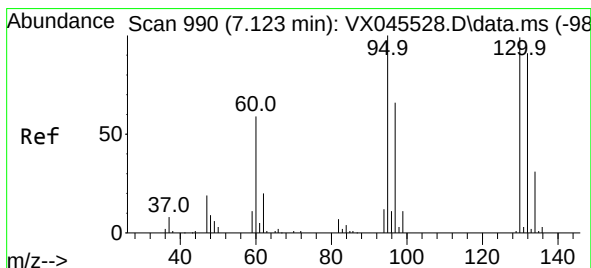
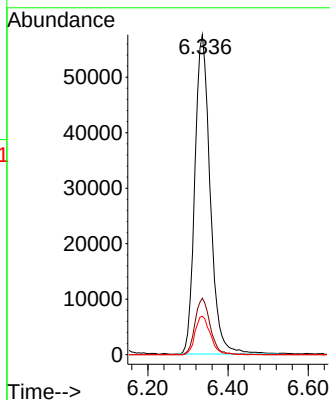
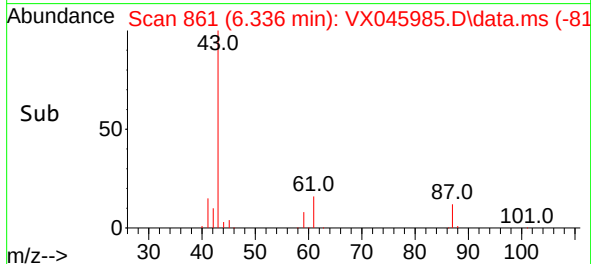
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 152979
Ion Ratio Lower Upper
43 100
61 17.5 14.1 21.1
87 12.0 9.2 13.8

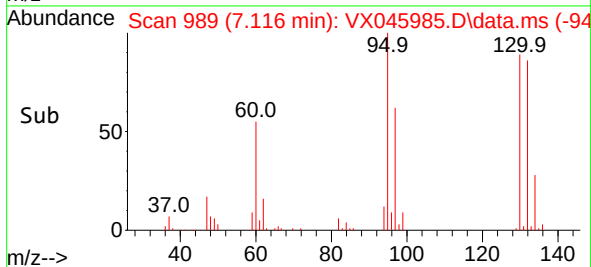
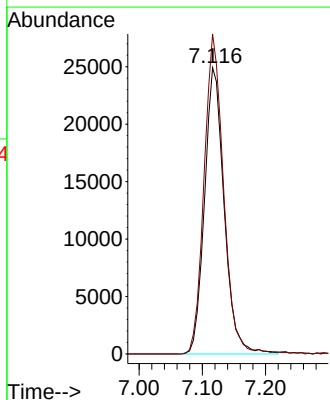
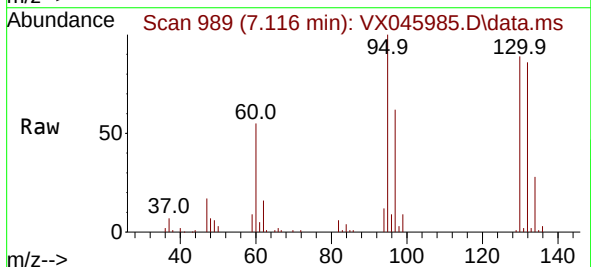
Manual Integrations
APPROVED

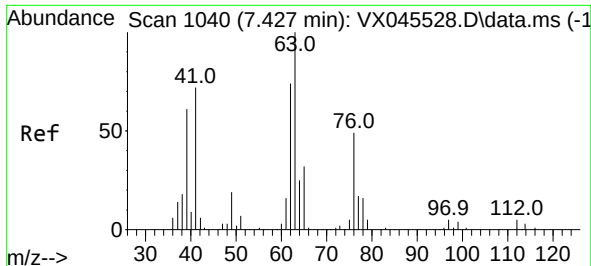
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#44
Trichloroethene
Concen: 54.850 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:130 Resp: 53879
Ion Ratio Lower Upper
130 100
95 111.8 0.0 202.0





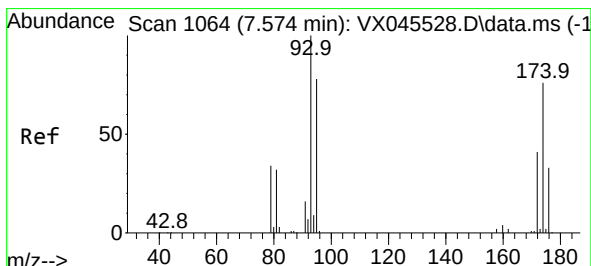
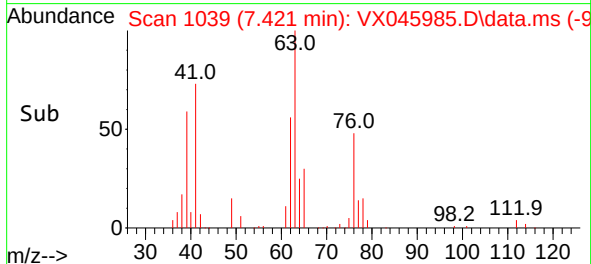
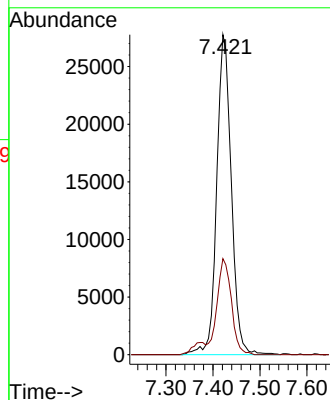
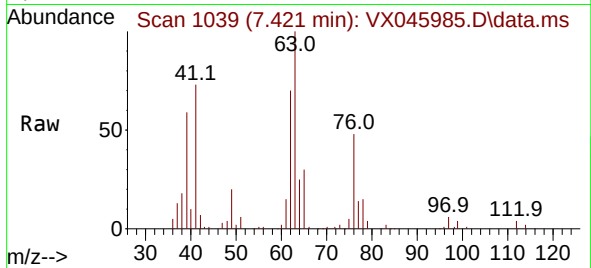
#45
1,2-Dichloropropane
Concen: 58.102 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 5991
Ion Ratio Lower Upper
63 100
65 30.0 25.8 38.6

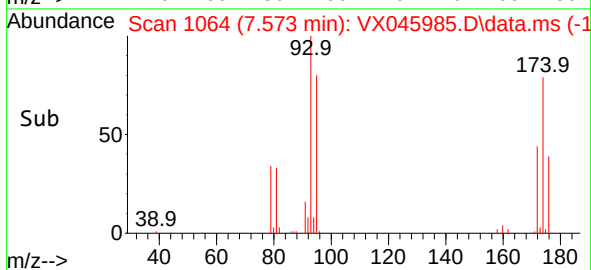
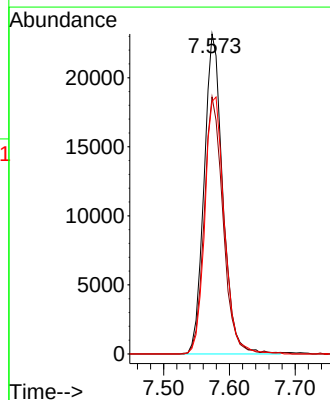
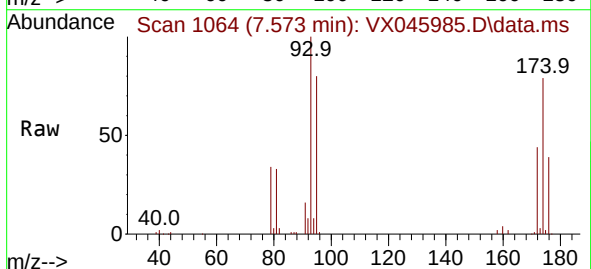
Manual Integrations
APPROVED

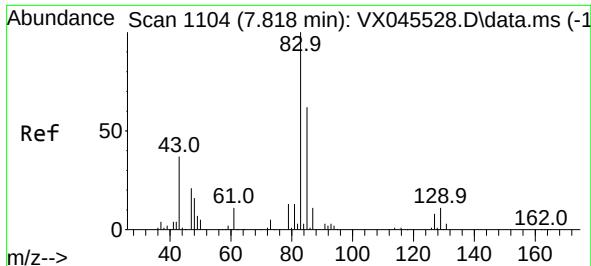
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#46
Dibromomethane
Concen: 57.812 ug/l
RT: 7.573 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 93 Resp: 45762
Ion Ratio Lower Upper
93 100
95 80.7 64.8 97.2
174 83.8 65.4 98.0





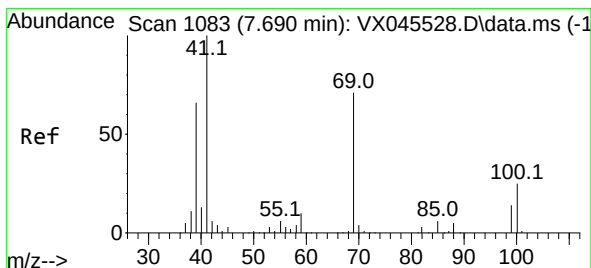
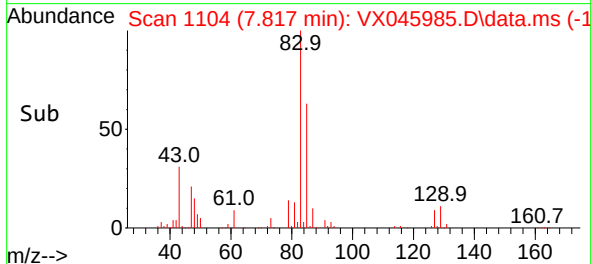
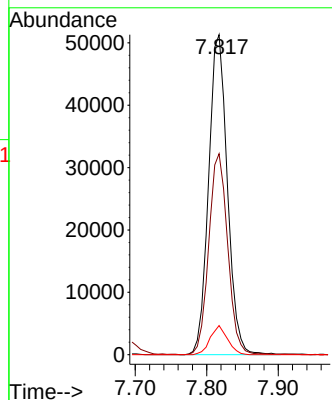
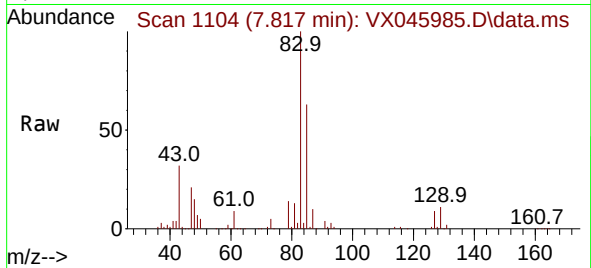
#47
Bromodichloromethane
Concen: 59.224 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9362
Ion Ratio Lower Upper
83 100
85 62.8 49.7 74.5
127 9.1 6.1 9.1

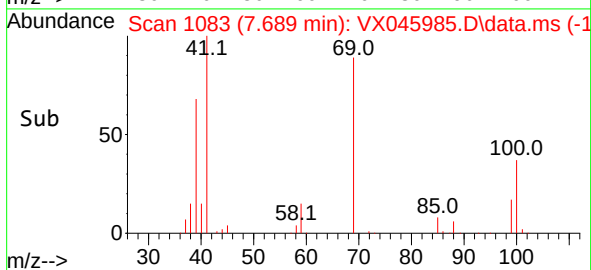
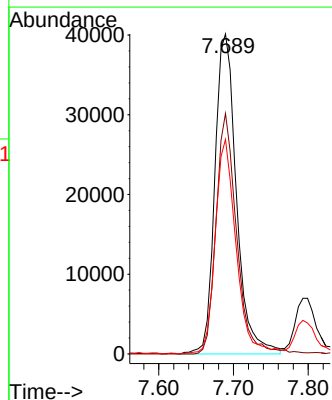
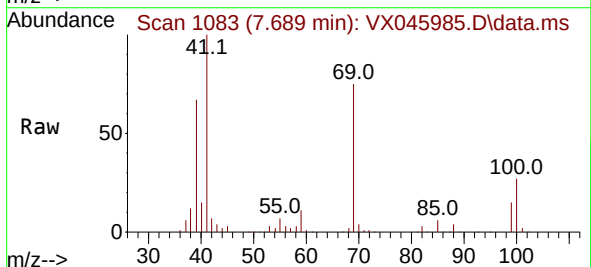
Manual Integrations
APPROVED

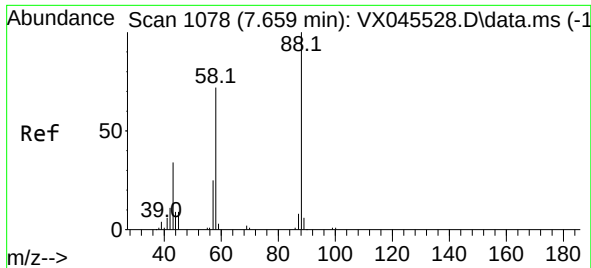
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#48
Methyl methacrylate
Concen: 60.322 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

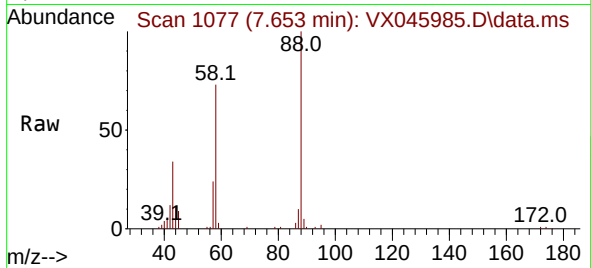
Tgt Ion: 41 Resp: 80498
Ion Ratio Lower Upper
41 100
69 71.7 58.2 87.2
39 65.0 53.6 80.4





#49
1,4-Dioxane
Concen: 1169.224 ug/l
RT: 7.653 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

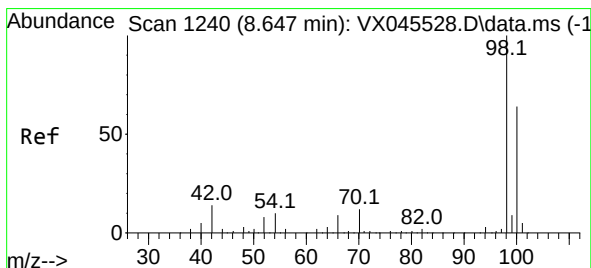
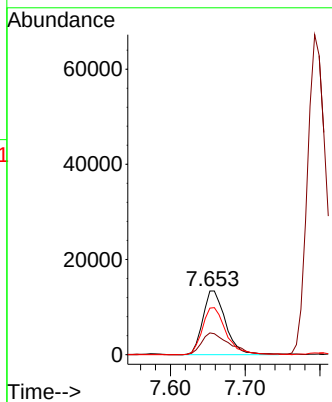
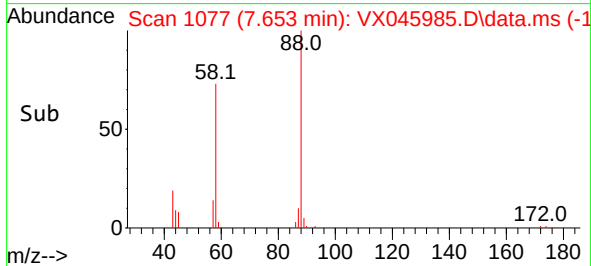
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 28230
Ion Ratio Lower Upper
88 100
43 43.0 32.2 48.4
58 76.3 58.6 88.0

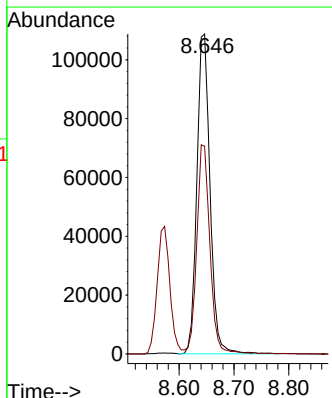
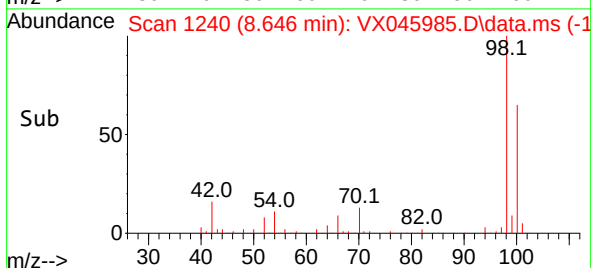
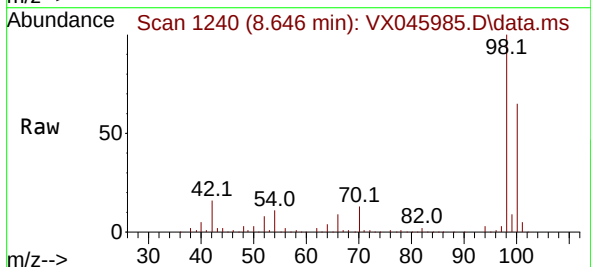
Manual Integrations
APPROVED

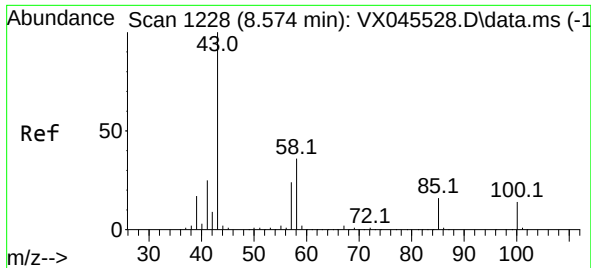
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 51.954 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 98 Resp: 181740
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4





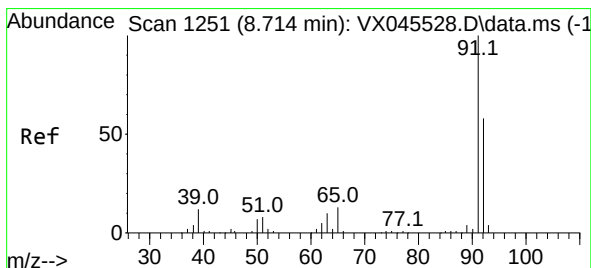
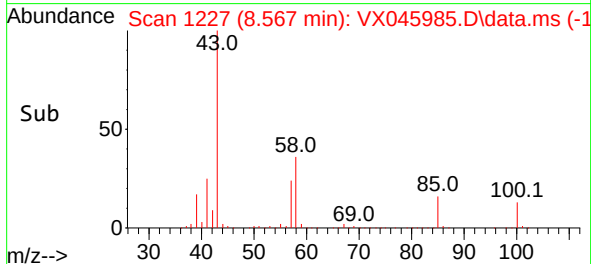
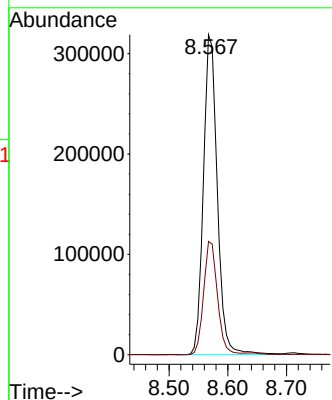
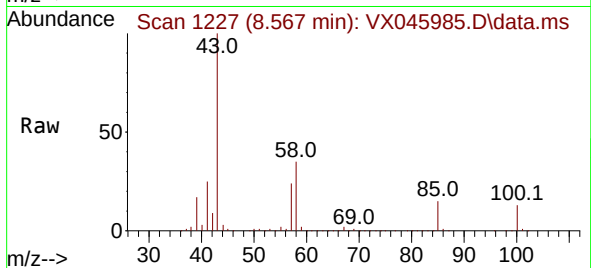
#51
4-Methyl-2-Pentanone
Concen: 305.494 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 523428
Ion Ratio Lower Upper
43 100
58 35.2 28.5 42.7

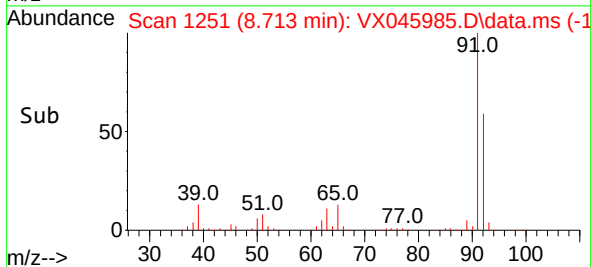
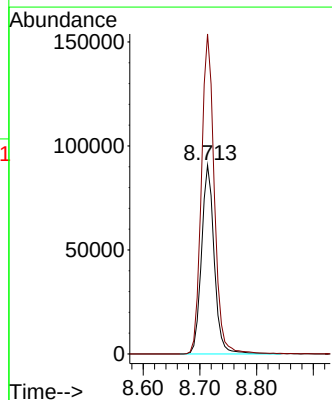
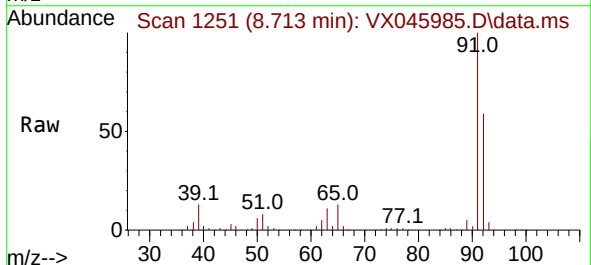
Manual Integrations
APPROVED

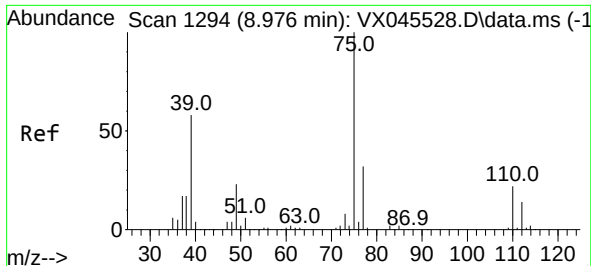
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#52
Toluene
Concen: 56.589 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 92 Resp: 141515
Ion Ratio Lower Upper
92 100
91 172.6 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 54.959 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 83909

Ion Ratio Lower Upper

75 100

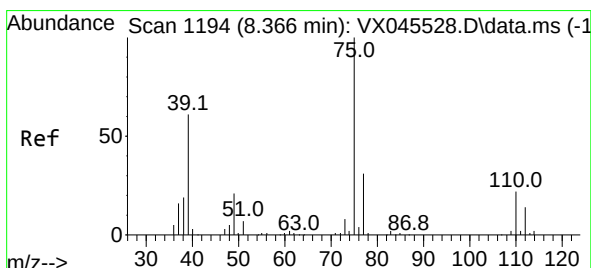
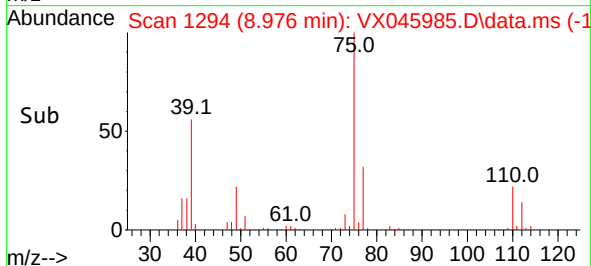
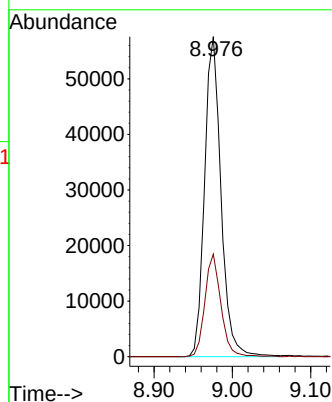
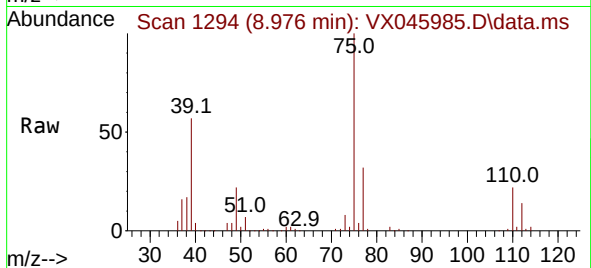
77 32.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#54

cis-1,3-Dichloropropene

Concen: 62.882 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

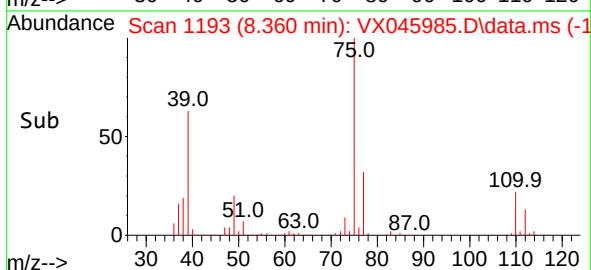
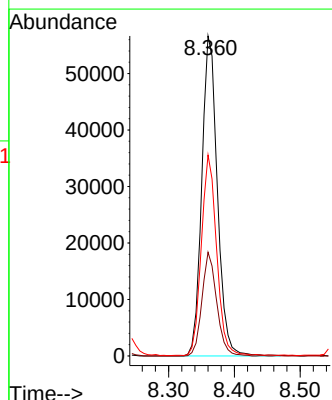
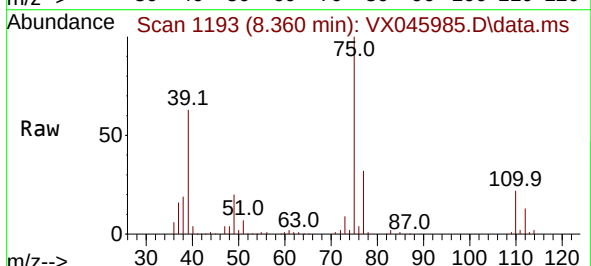
Tgt Ion: 75 Resp: 93412

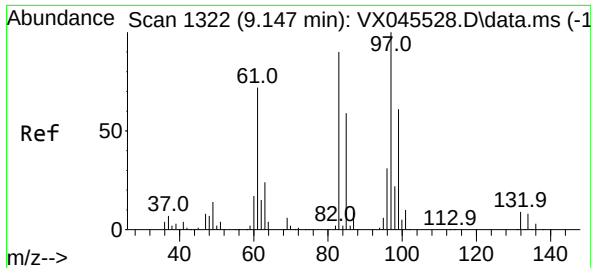
Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

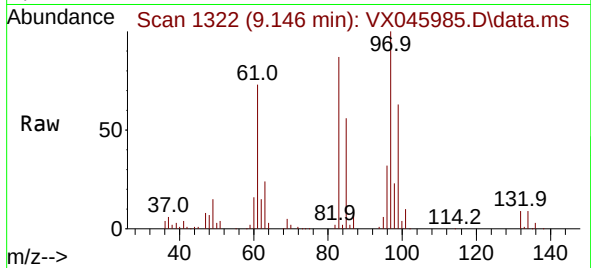
39 62.6 48.4 72.6





#55
 1,1,2-Trichloroethane
 Concen: 57.923 ug/l
 RT: 9.146 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX045985.D
 Acq: 30 Apr 2025 10:01

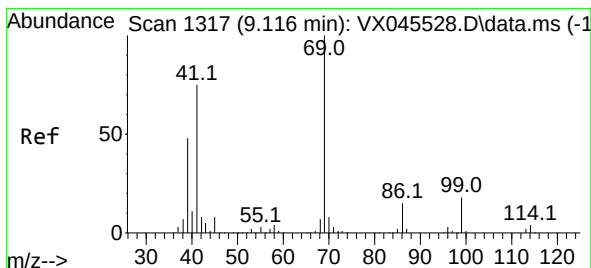
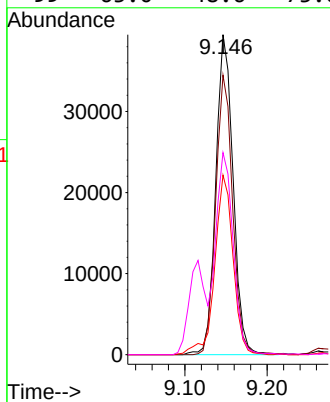
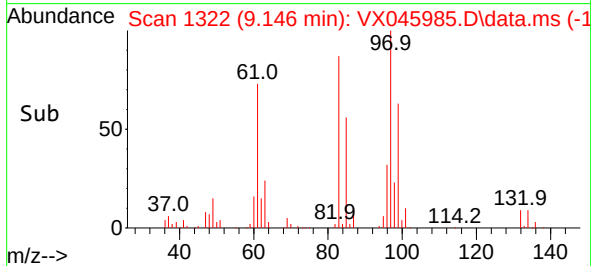
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	71.8	107.8
85	55.9	47.0	70.6
99	63.0	48.6	73.0

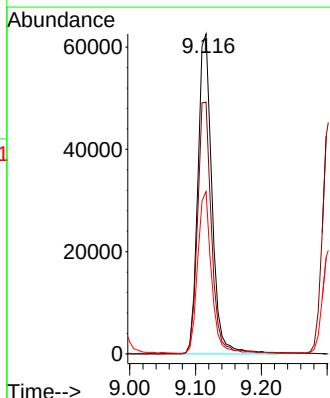
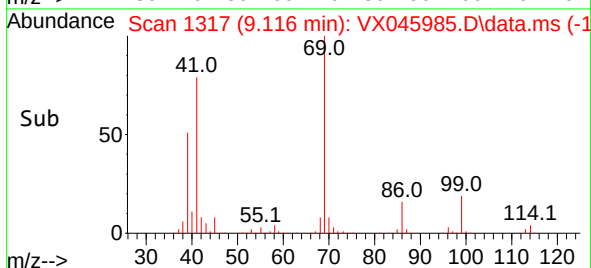
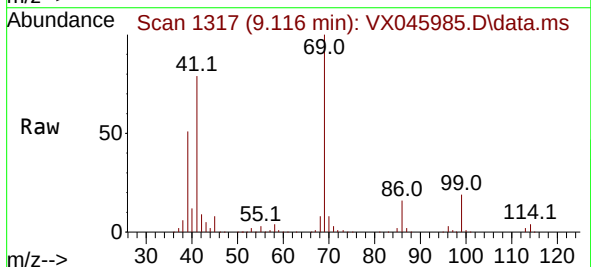
Manual Integrations
 APPROVED

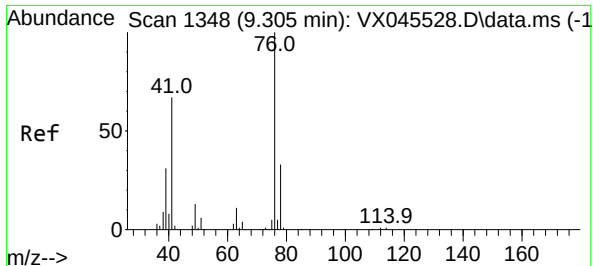
Reviewed By :John Carlone 05/02/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#56
 Ethyl methacrylate
 Concen: 60.478 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX045985.D
 Acq: 30 Apr 2025 10:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.5	61.3	91.9
39	49.8	40.2	60.2





#57

1,3-Dichloropropane

Concen: 58.340 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10123

Ion Ratio Lower Upper

76 100

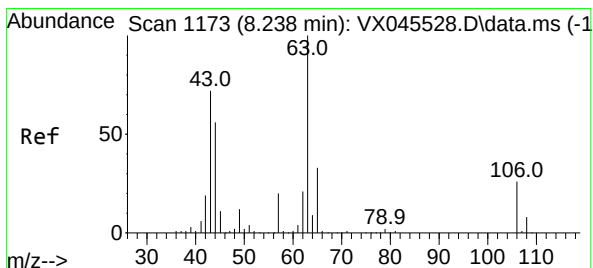
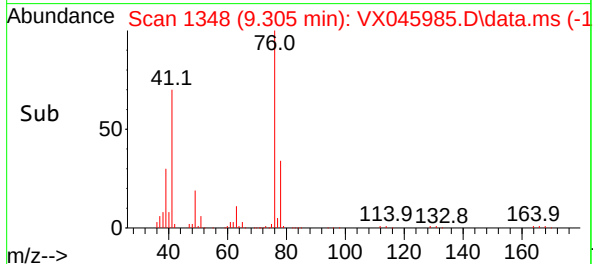
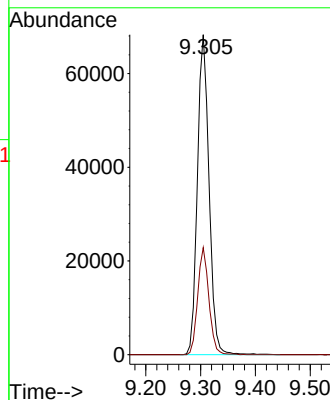
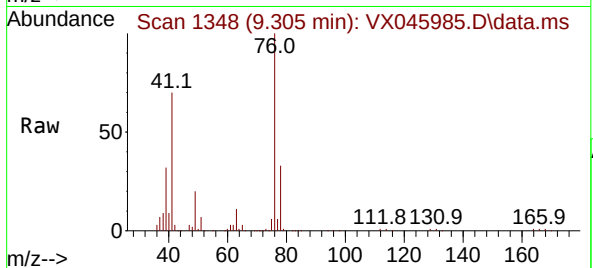
78 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#58

2-Chloroethyl Vinyl ether

Concen: 289.158 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045985.D

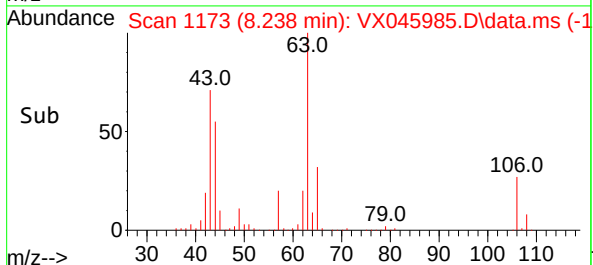
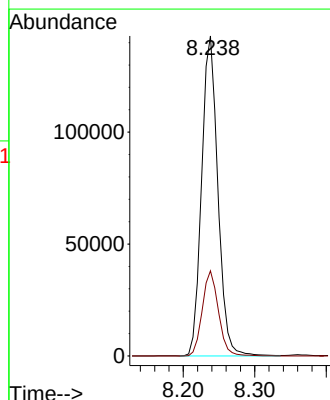
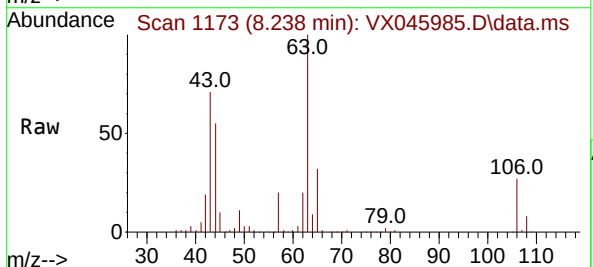
Acq: 30 Apr 2025 10:01

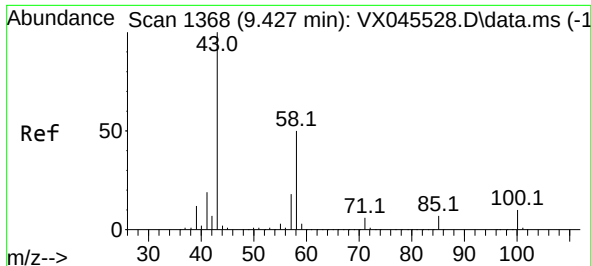
Tgt Ion: 63 Resp: 225591

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.6





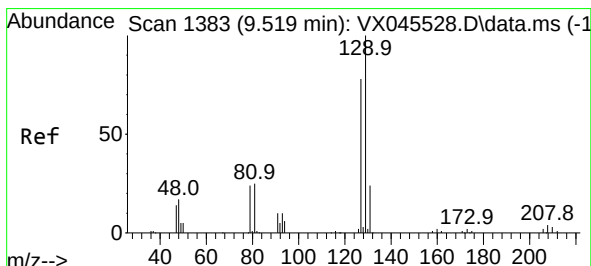
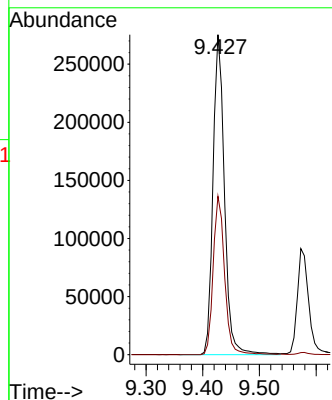
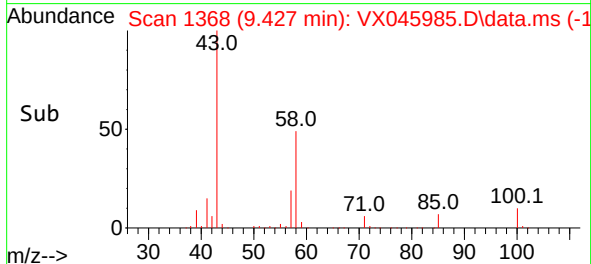
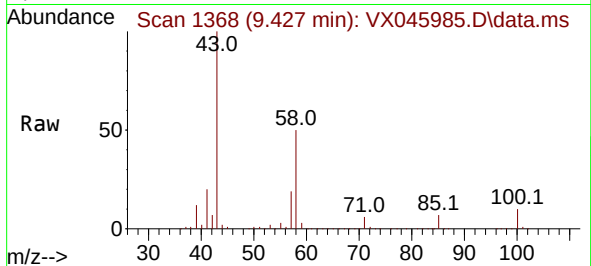
#59
2-Hexanone
Concen: 303.451 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 385019
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6

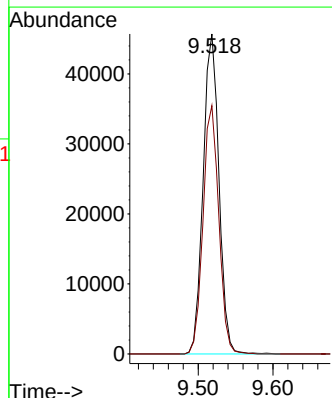
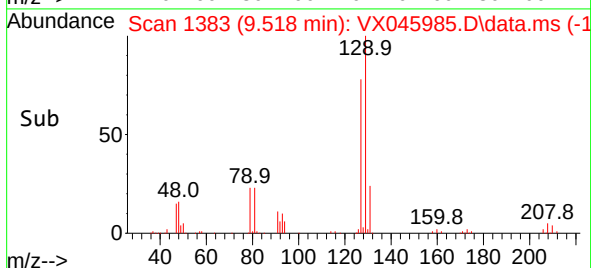
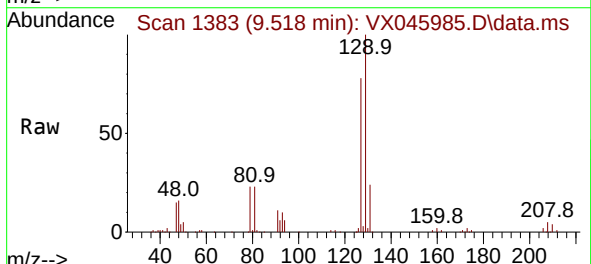
Manual Integrations
APPROVED

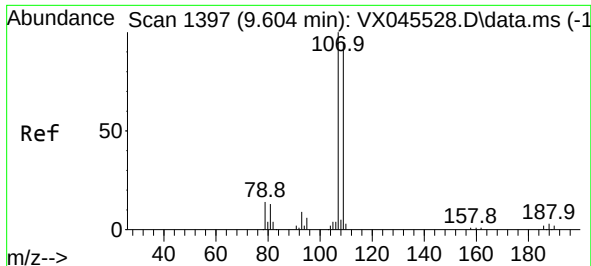
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#60
Dibromochloromethane
Concen: 61.693 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

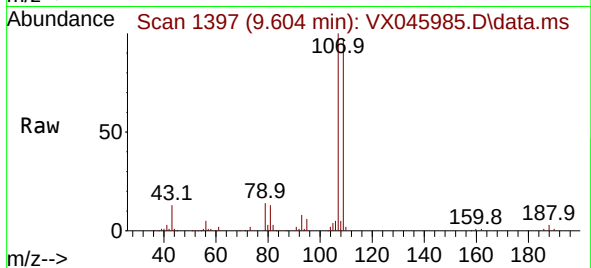
Tgt Ion:129 Resp: 67023
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 58.989 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

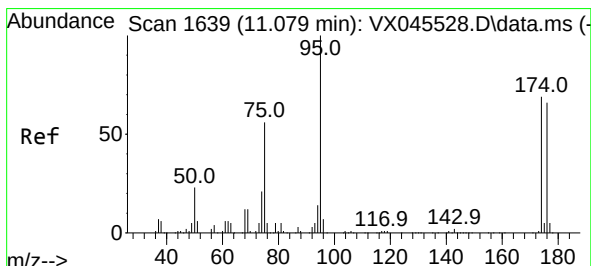
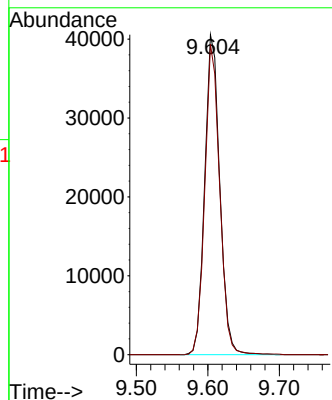
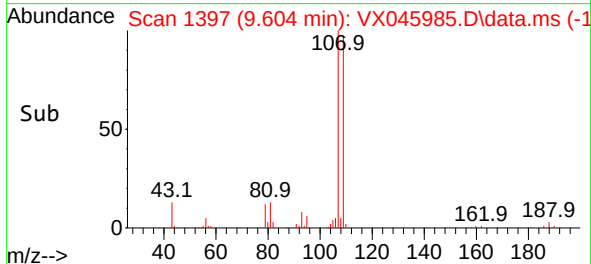
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



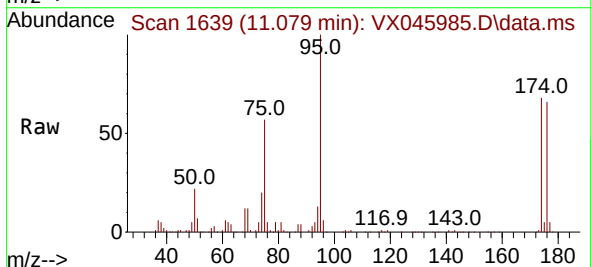
Tgt Ion:107 Resp: 59500
Ion Ratio Lower Upper
107 100
109 95.9 75.7 113.5

Manual Integrations
APPROVED

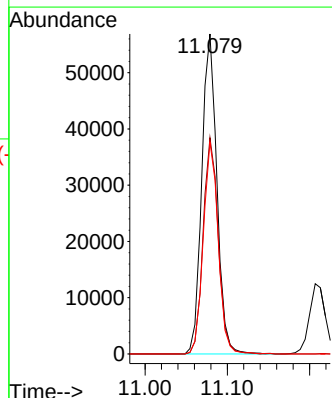
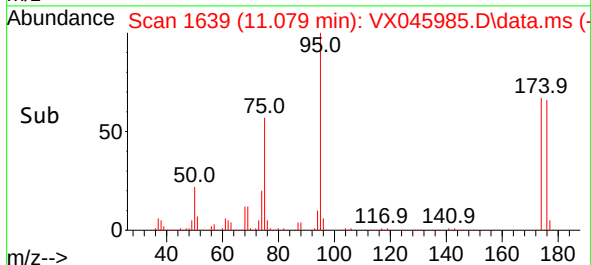
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

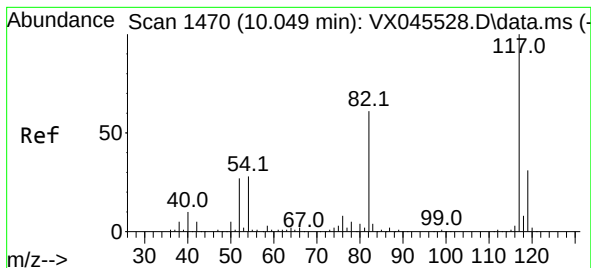


#62
4-Bromofluorobenzene
Concen: 56.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



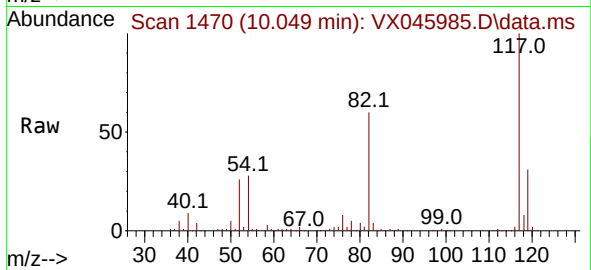
Tgt Ion: 95 Resp: 72535
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 65.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

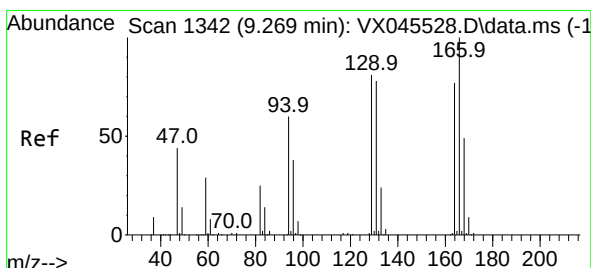
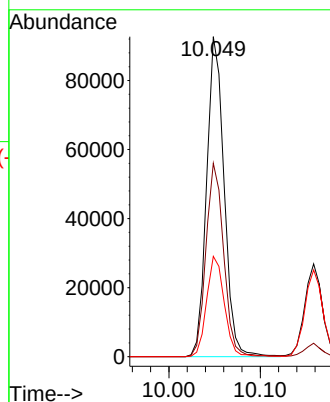
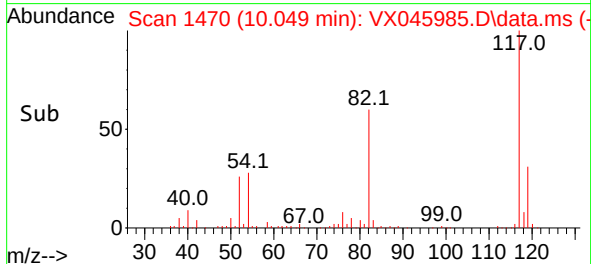
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 122754
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 31.3 25.1 37.7

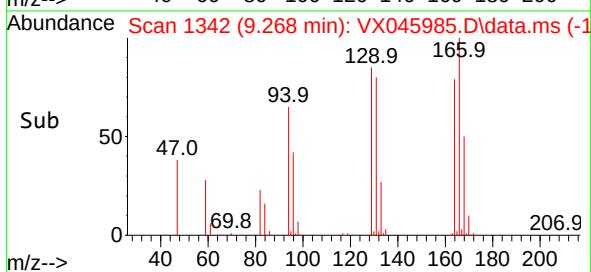
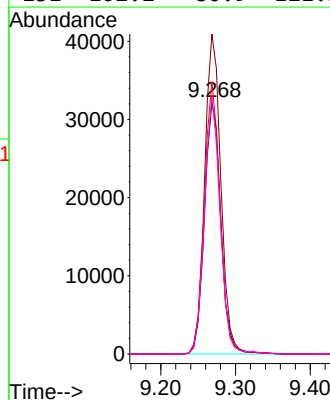
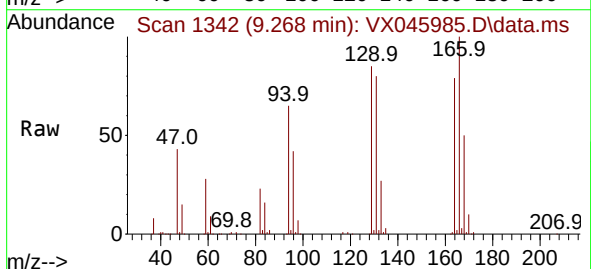
Manual Integrations
APPROVED

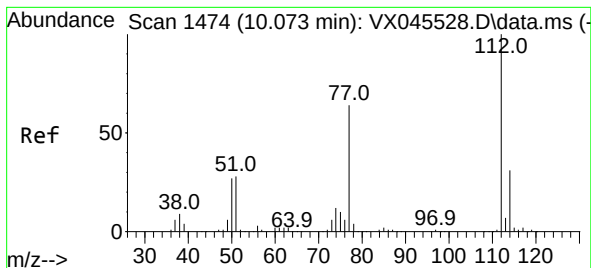
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#64
Tetrachloroethene
Concen: 56.324 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

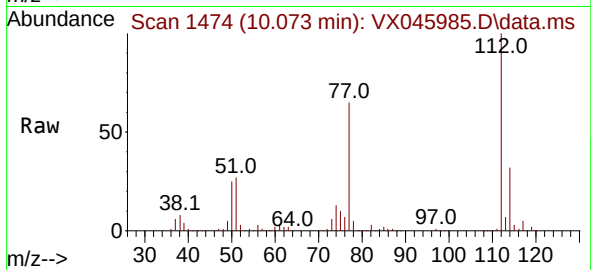
Tgt Ion:164 Resp: 48815
Ion Ratio Lower Upper
164 100
166 127.0 103.8 155.8
129 108.1 84.3 126.5
131 102.2 80.9 121.3





#65
Chlorobenzene
Concen: 58.288 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

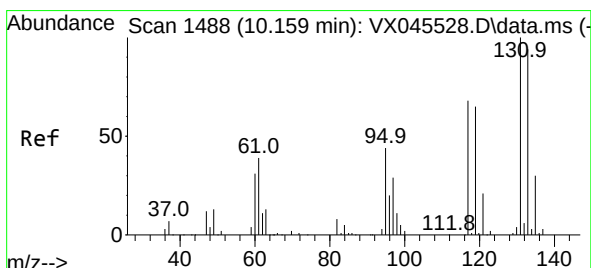
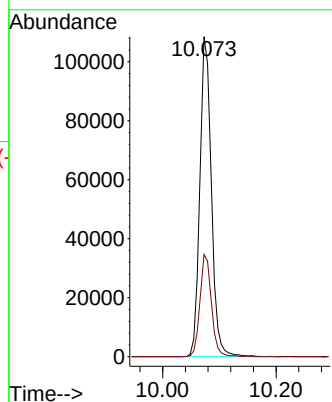
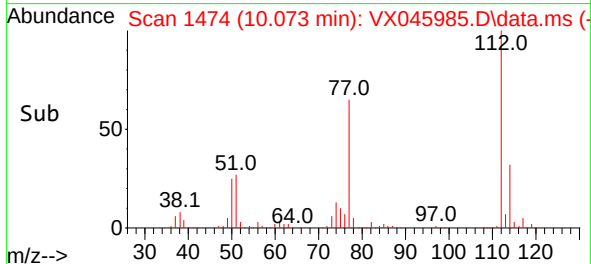
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



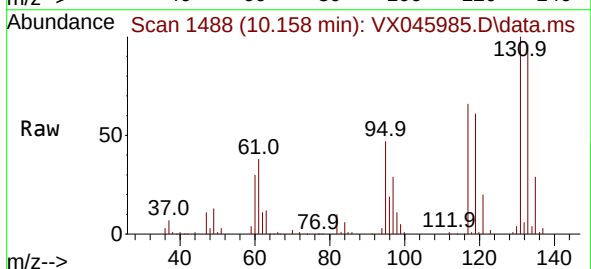
Tgt Ion:112 Resp: 15289
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

Manual Integrations
APPROVED

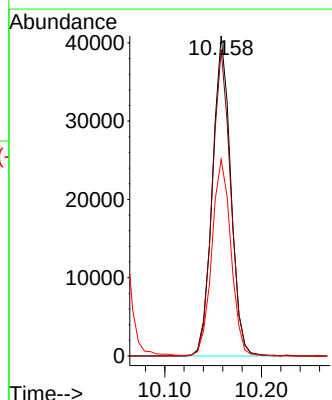
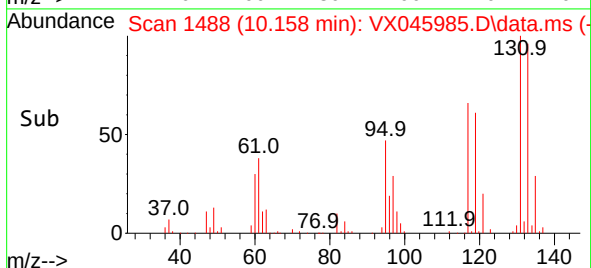
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

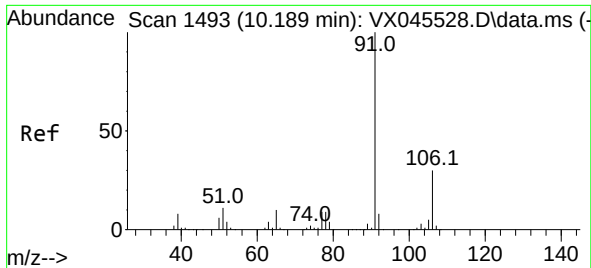


#66
1,1,1,2-Tetrachloroethane
Concen: 59.035 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



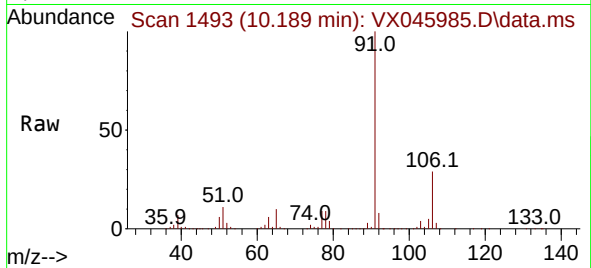
Tgt Ion:131 Resp: 53762
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.5
119 64.1 32.9 98.6





#67
Ethyl Benzene
Concen: 59.031 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

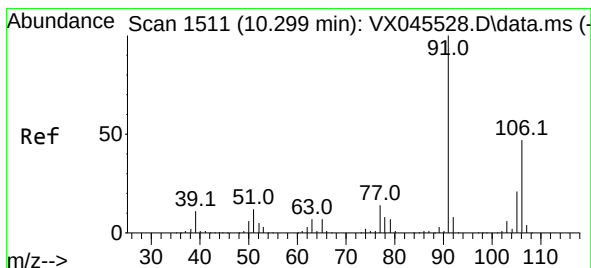
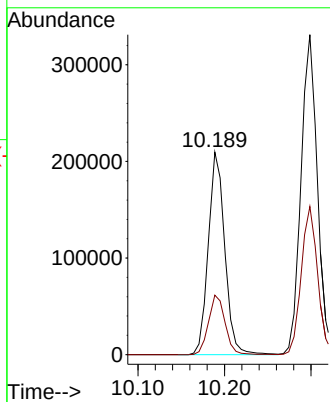
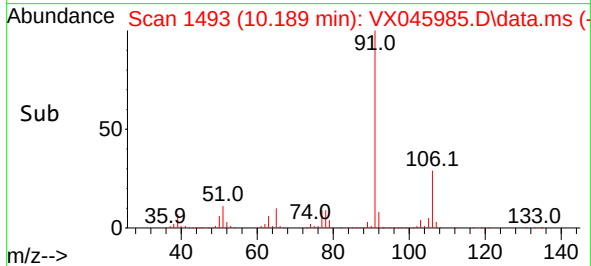
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 27732
Ion Ratio Lower Upper
91 100
106 29.4 23.7 35.5

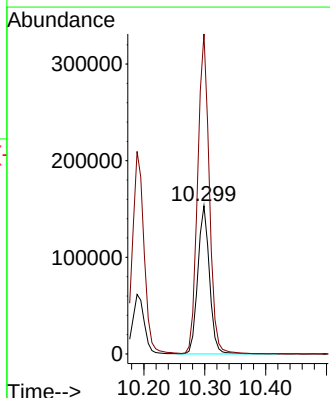
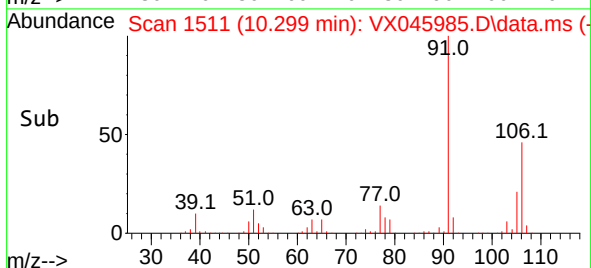
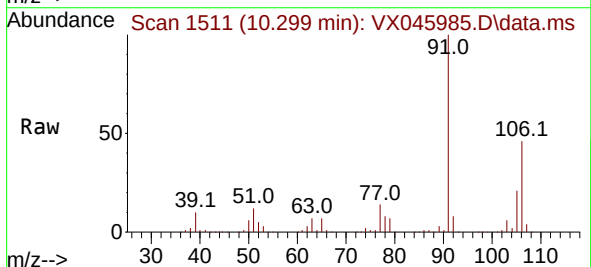
Manual Integrations
APPROVED

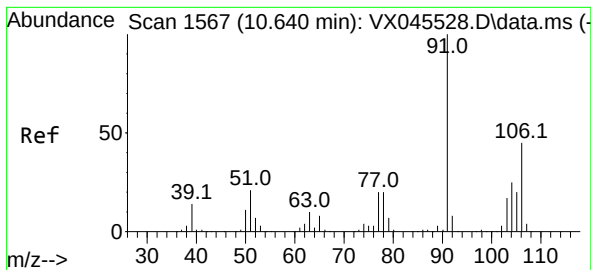
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#68
m/p-Xylenes
Concen: 118.999 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:106 Resp: 203329
Ion Ratio Lower Upper
106 100
91 215.7 172.6 258.8





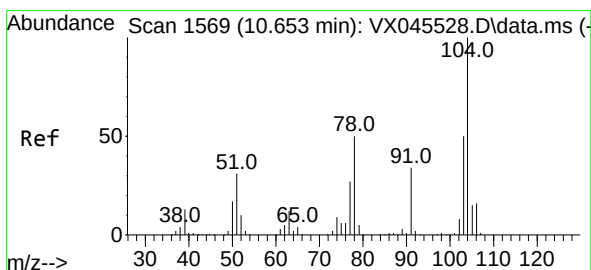
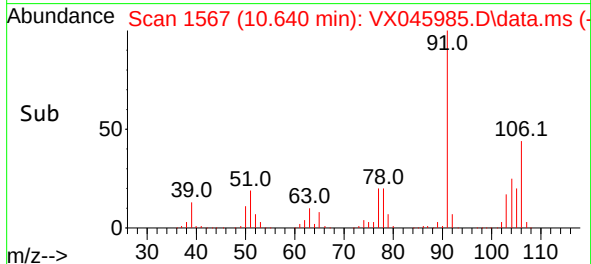
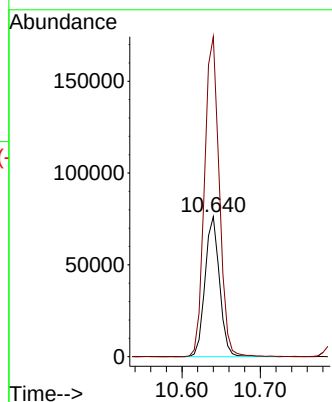
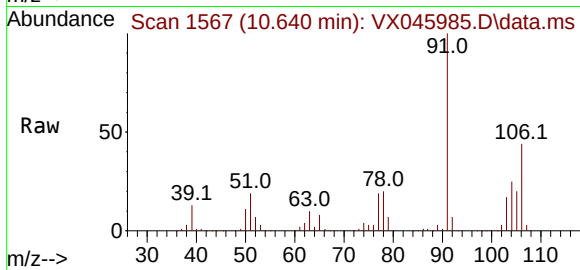
#69
o-Xylene
Concen: 58.079 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 97759
Ion Ratio Lower Upper
106 100
91 233.4 113.6 340.6

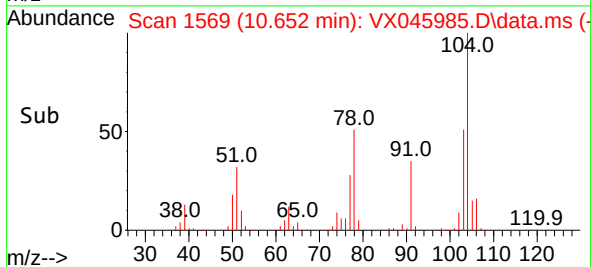
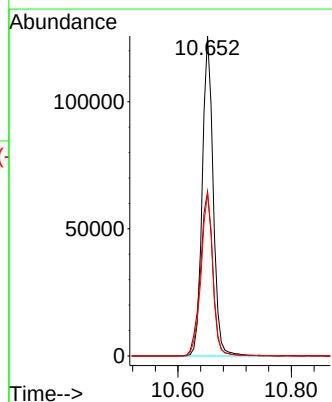
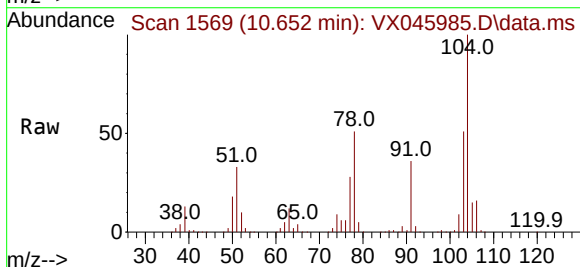
Manual Integrations
APPROVED

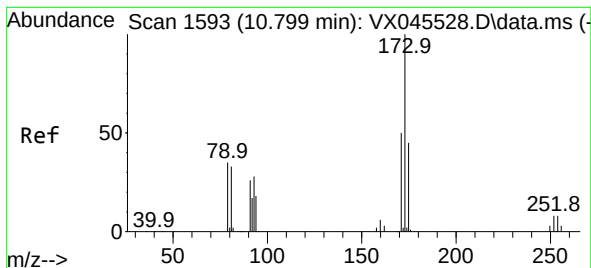
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#70
Styrene
Concen: 60.482 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:104 Resp: 168026
Ion Ratio Lower Upper
104 100
78 58.0 45.4 68.2
103 55.5 43.8 65.8





#71

Bromoform

Concen: 64.339 ug/l

RT: 10.798 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 43749

Ion Ratio Lower Upper

173 100

175 47.8 23.4 70.2

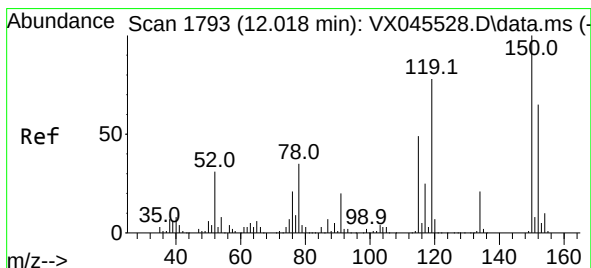
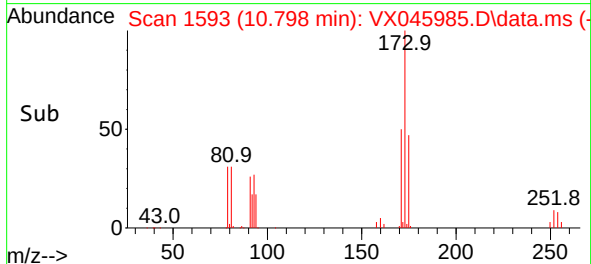
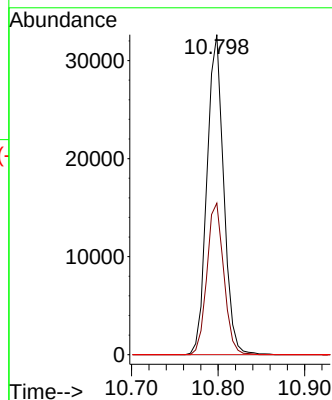
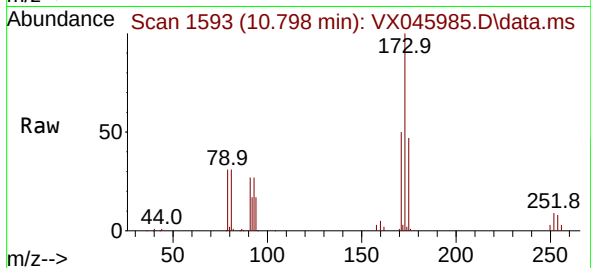
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

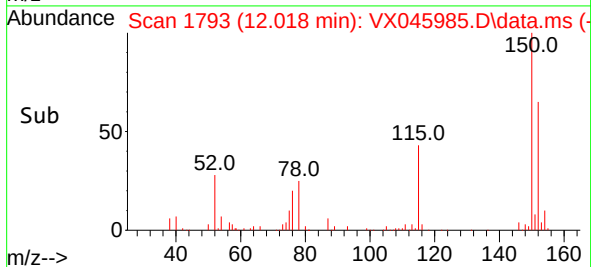
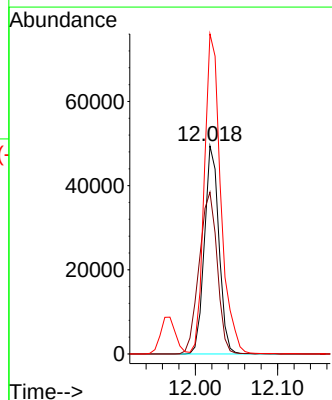
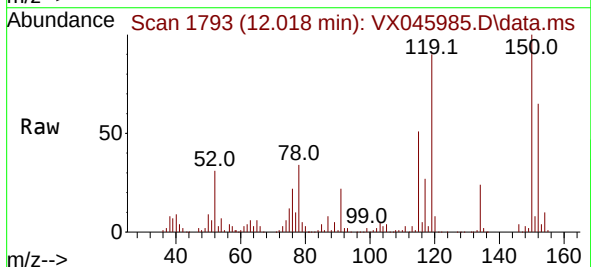
Tgt Ion:152 Resp: 60558

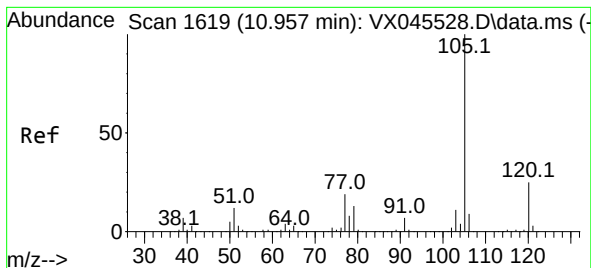
Ion Ratio Lower Upper

152 100

115 96.6 46.9 140.7

150 174.3 0.0 349.4





#73

Isopropylbenzene

Concen: 55.748 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 27042

Ion Ratio Lower Upper

105 100

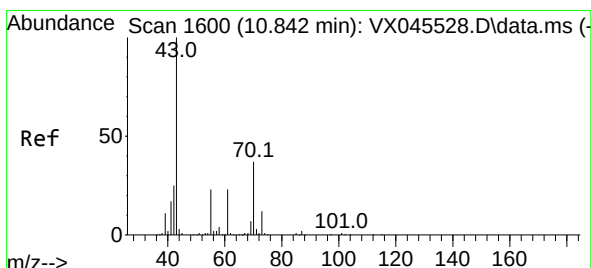
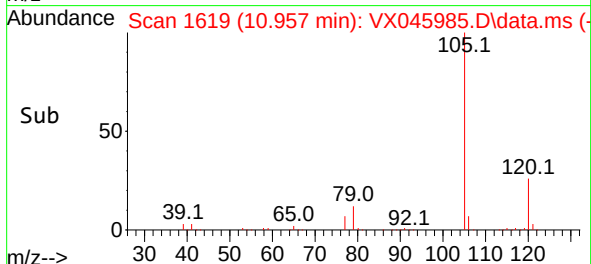
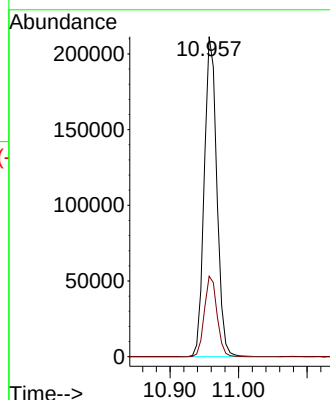
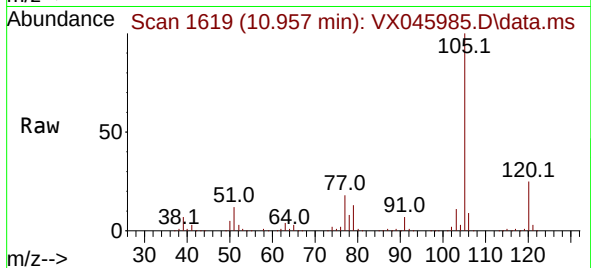
120 25.3 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#74

N-ethyl acetate

Concen: 56.782 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 131755

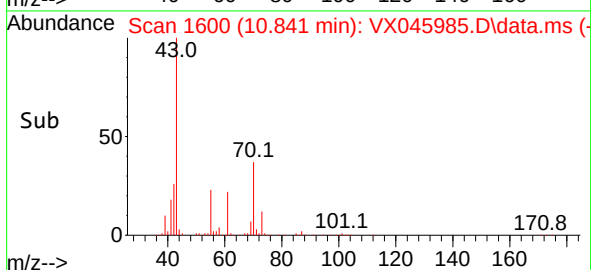
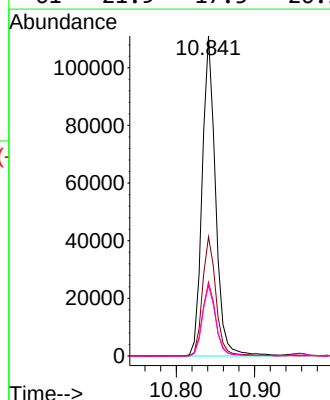
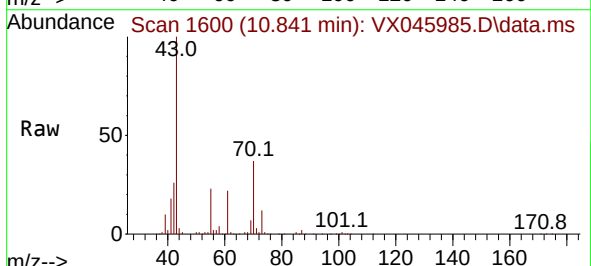
Ion Ratio Lower Upper

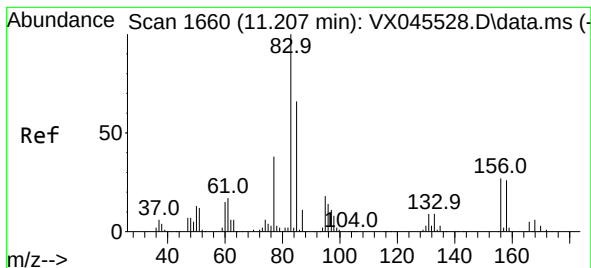
43 100

70 37.6 30.1 45.1

55 23.4 18.3 27.5

61 21.9 17.5 26.3





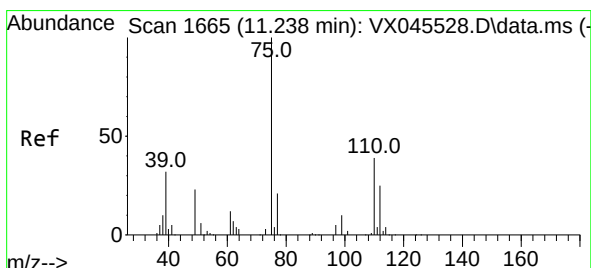
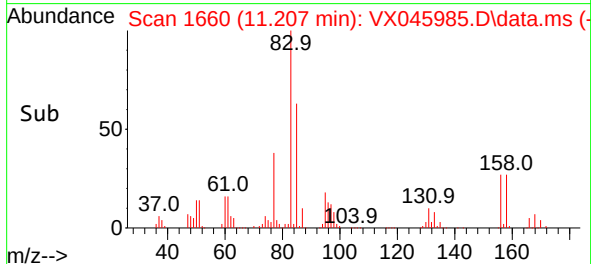
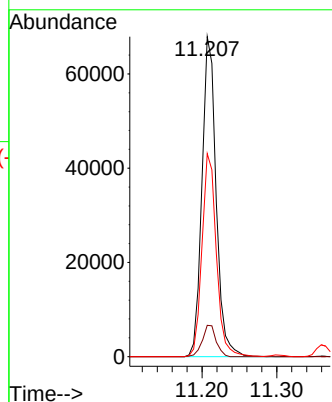
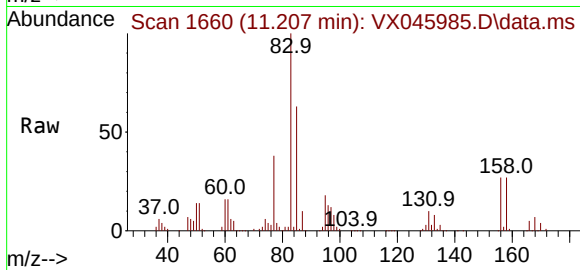
#75
1,1,2,2-Tetrachloroethane
Concen: 52.449 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8937
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.3 32.4 97.2

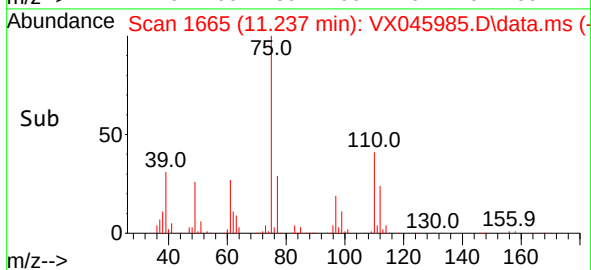
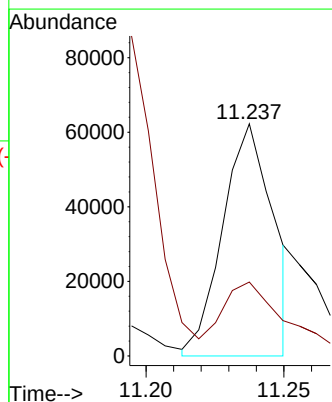
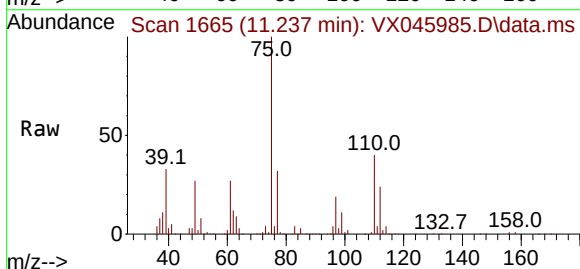
Manual Integrations
APPROVED

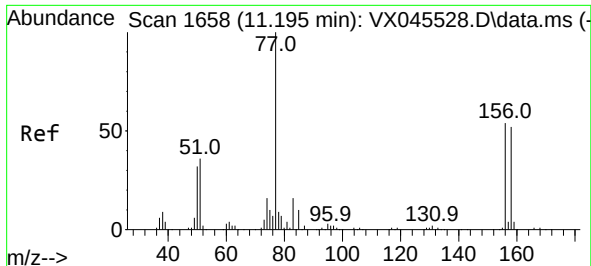
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#76
1,2,3-Trichloropropane
Concen: 53.709 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

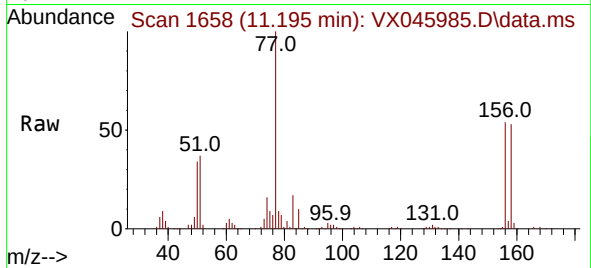
Tgt Ion: 75 Resp: 79337
Ion Ratio Lower Upper
75 100
77 40.7 20.0 59.9





#77
Bromobenzene
Concen: 54.578 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

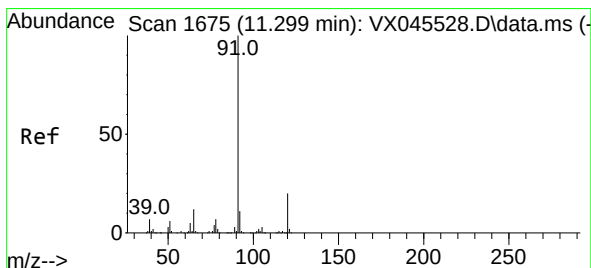
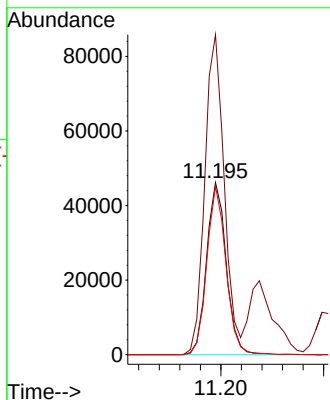
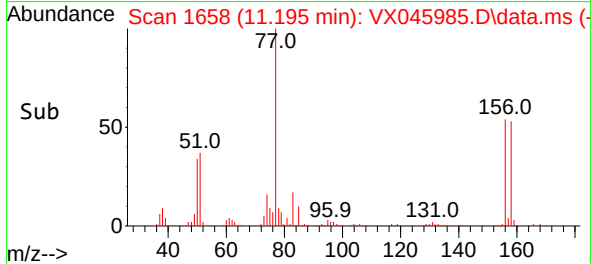
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 61170
Ion Ratio Lower Upper
156 100
77 183.8 92.6 277.8
158 95.6 48.1 144.4

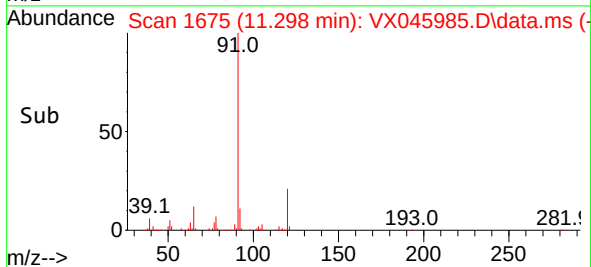
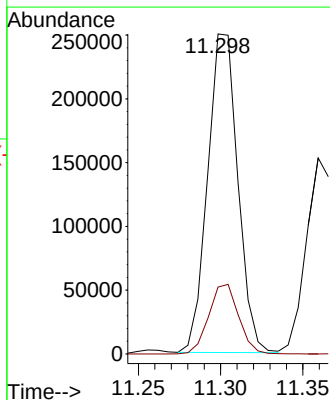
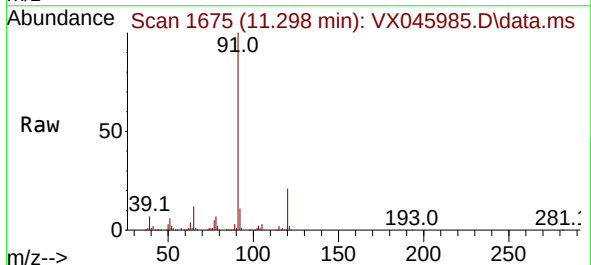
Manual Integrations
APPROVED

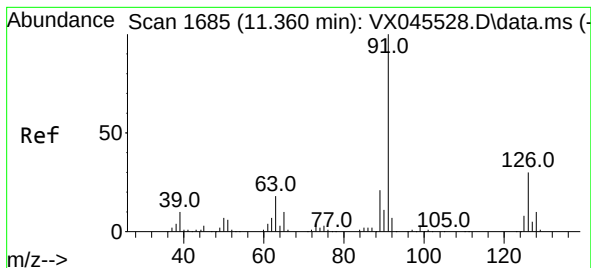
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#78
n-propylbenzene
Concen: 57.199 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 91 Resp: 319585
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





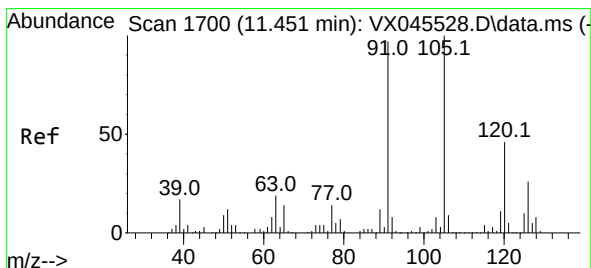
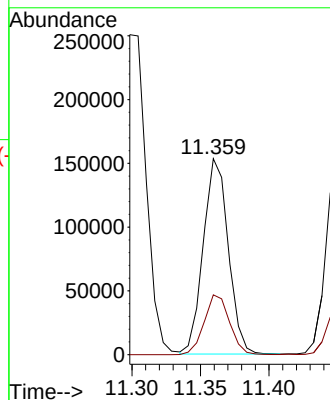
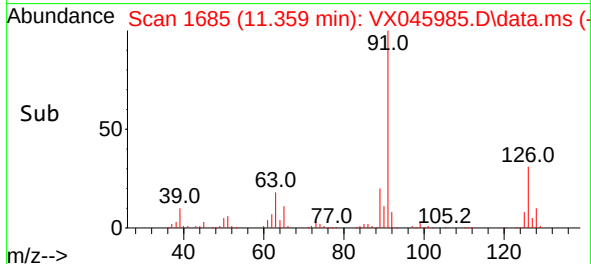
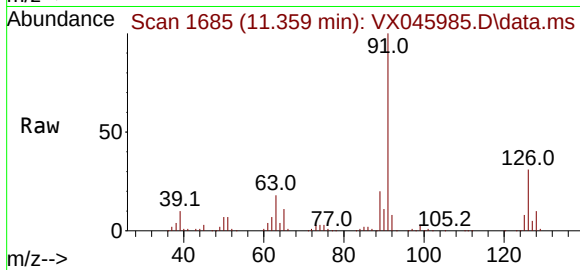
#79
2-Chlorotoluene
Concen: 54.562 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 19489
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.4

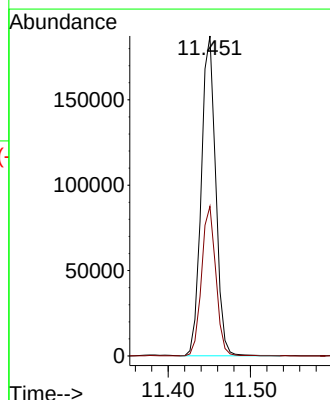
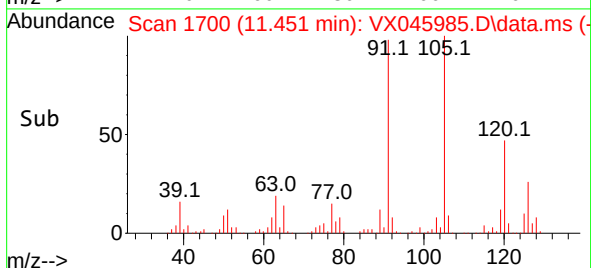
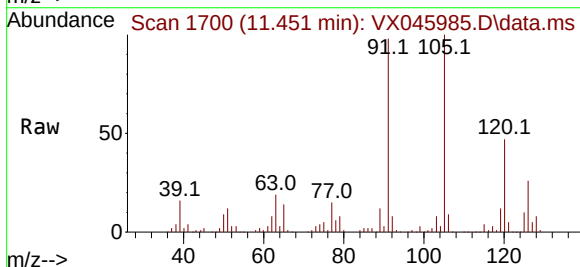
Manual Integrations
APPROVED

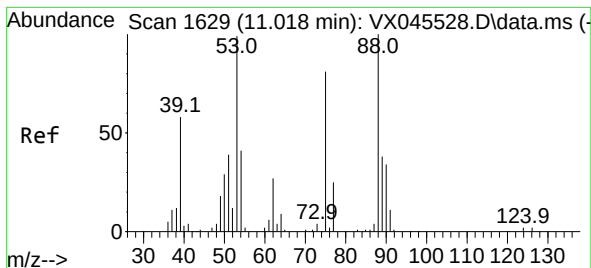
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.997 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

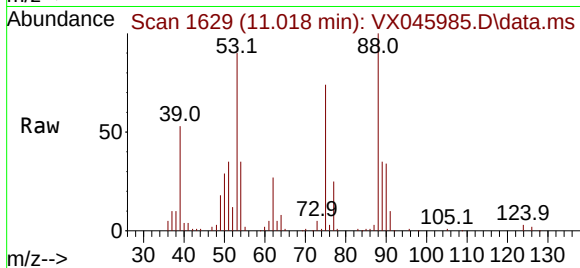
Tgt Ion:105 Resp: 228624
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 57.681 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

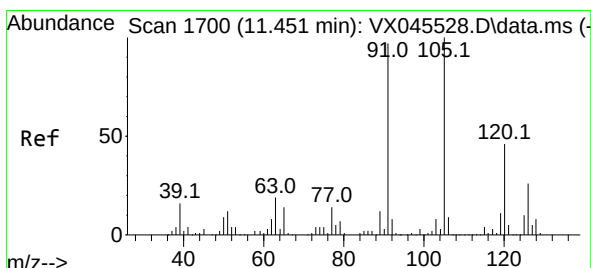
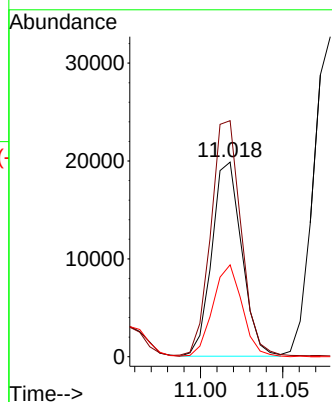
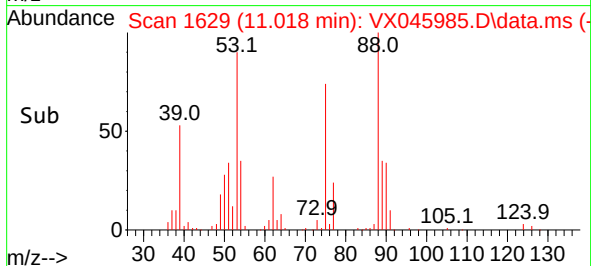
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2510
Ion Ratio Lower Upper
75 100
53 124.5 101.8 152.6
89 46.6 37.2 55.8

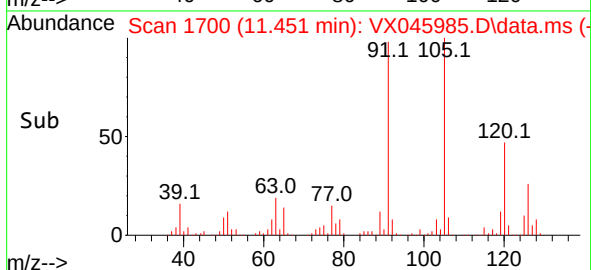
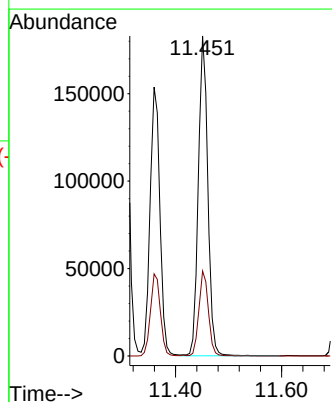
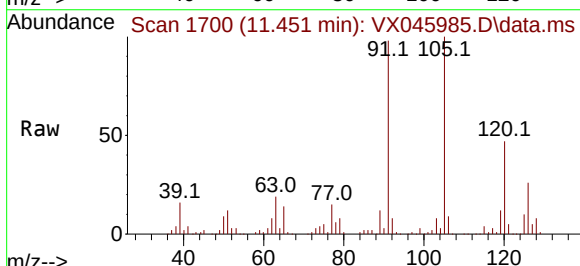
Manual Integrations
APPROVED

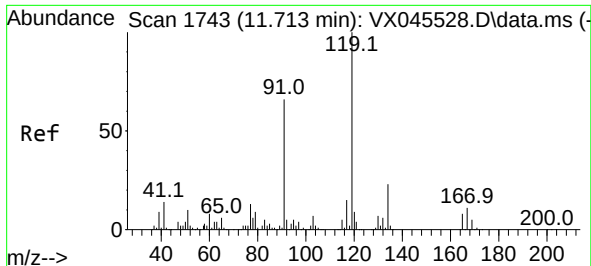
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#82
4-Chlorotoluene
Concen: 56.991 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

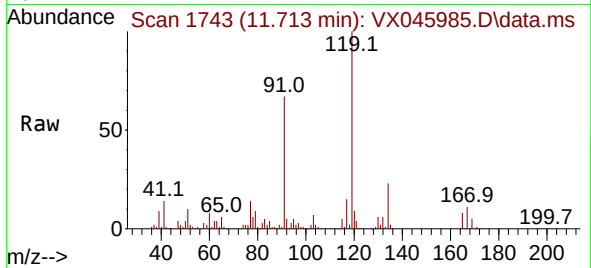
Tgt Ion: 91 Resp: 226967
Ion Ratio Lower Upper
91 100
126 26.6 13.3 39.9





#83
tert-Butylbenzene
Concen: 56.883 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

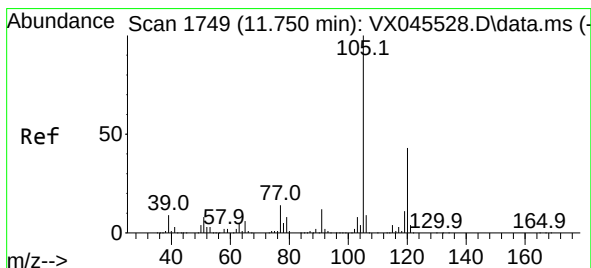
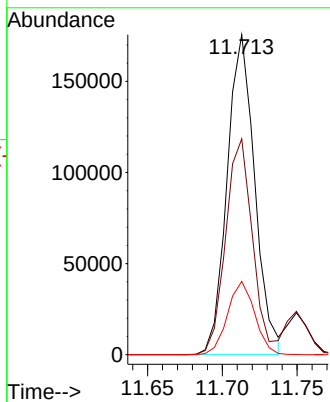
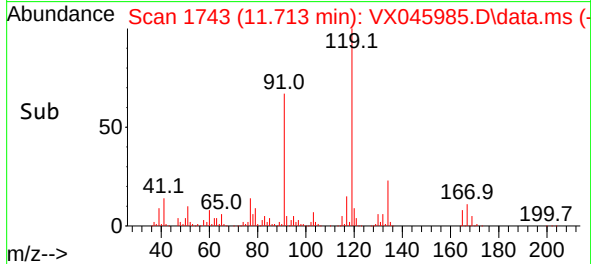
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 225892
Ion Ratio Lower Upper
119 100
91 64.7 32.4 97.2
134 22.5 11.5 34.5

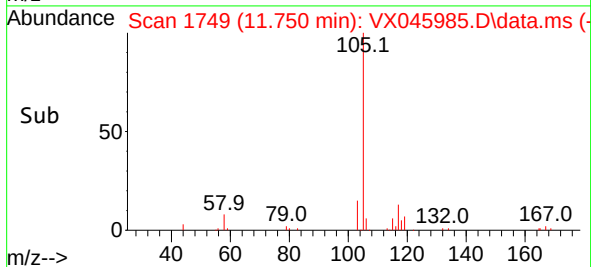
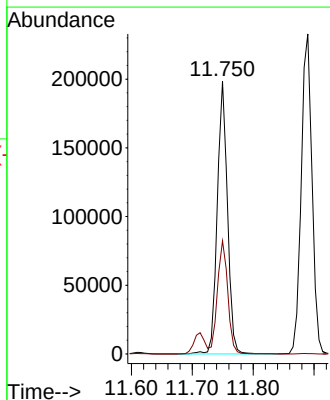
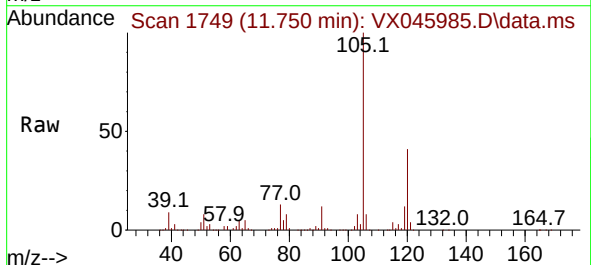
Manual Integrations
APPROVED

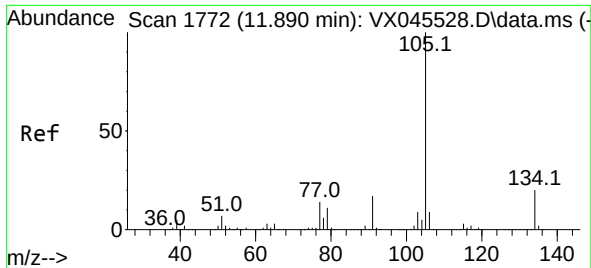
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#84
1,2,4-Trimethylbenzene
Concen: 57.131 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

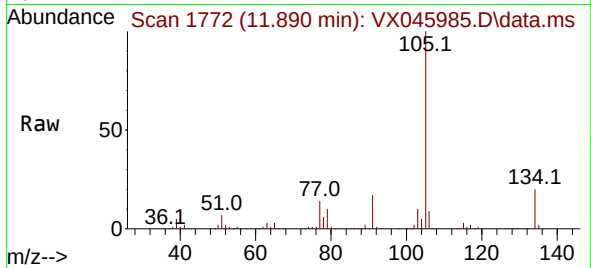
Tgt Ion:105 Resp: 230007
Ion Ratio Lower Upper
105 100
120 42.3 21.4 64.3





#85
sec-Butylbenzene
Concen: 58.450 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

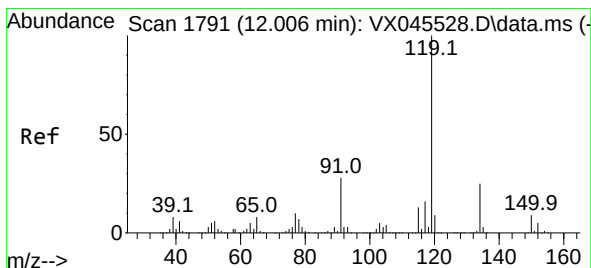
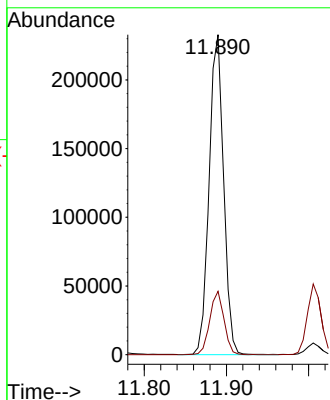
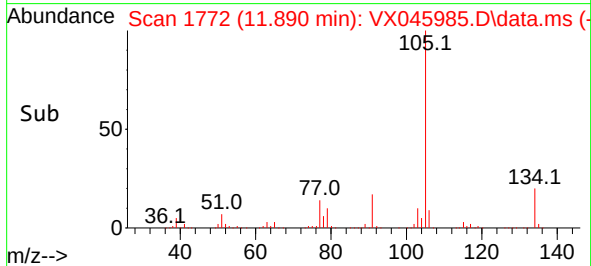
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



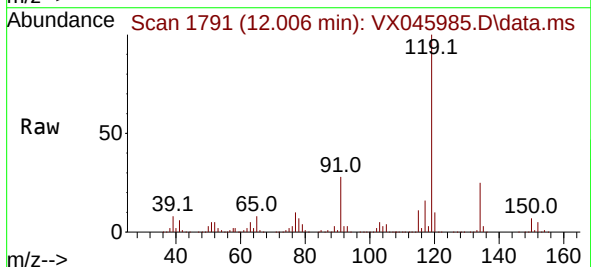
Tgt Ion:105 Resp: 285091
Ion Ratio Lower Upper
105 100
134 19.5 9.6 28.6

Manual Integrations
APPROVED

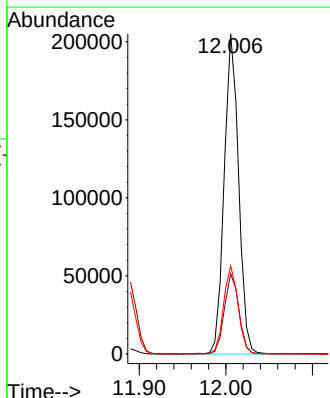
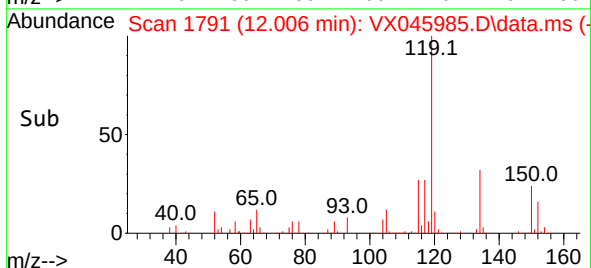
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

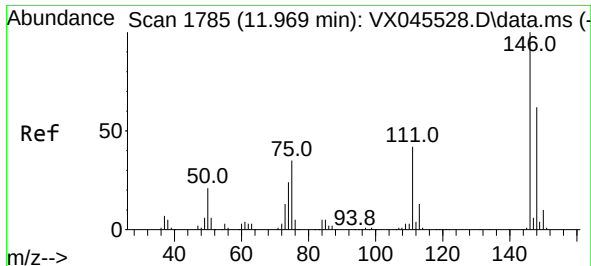


#86
p-Isopropyltoluene
Concen: 58.918 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



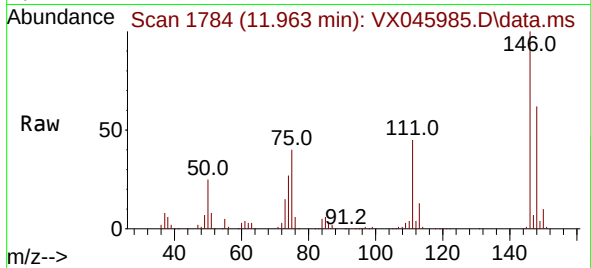
Tgt Ion:119 Resp: 236921
Ion Ratio Lower Upper
119 100
134 25.2 12.6 37.8
91 27.4 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 55.772 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

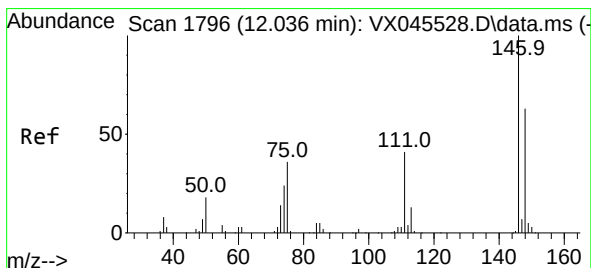
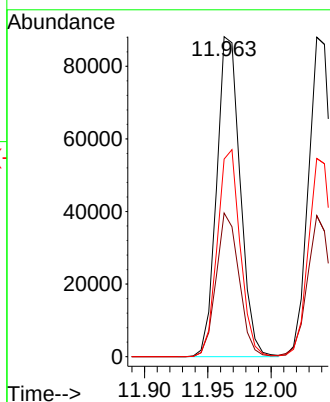
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 113784
Ion Ratio Lower Upper
146 100
111 43.7 22.2 66.6
148 63.2 31.9 95.7

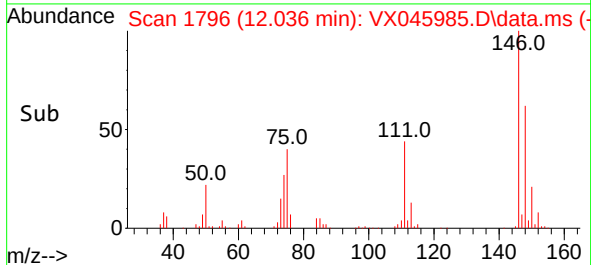
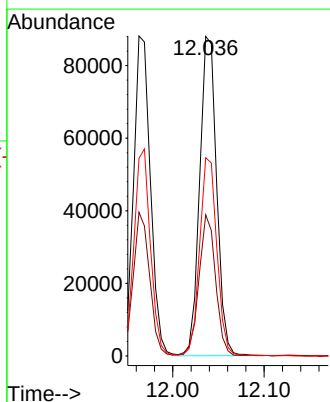
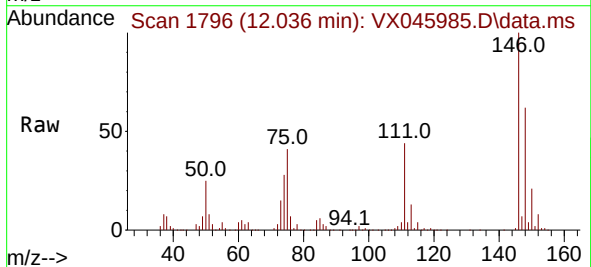
Manual Integrations
APPROVED

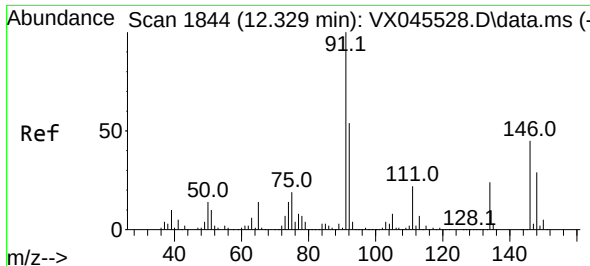
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#88
1,4-Dichlorobenzene
Concen: 54.777 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:146 Resp: 113296
Ion Ratio Lower Upper
146 100
111 43.8 20.9 62.8
148 63.3 31.5 94.5





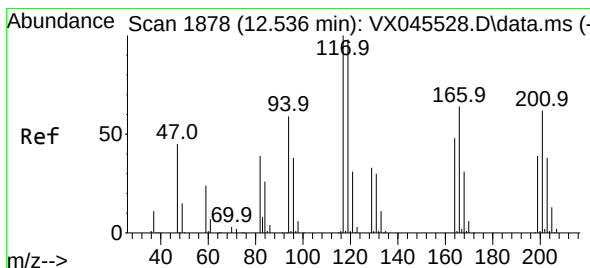
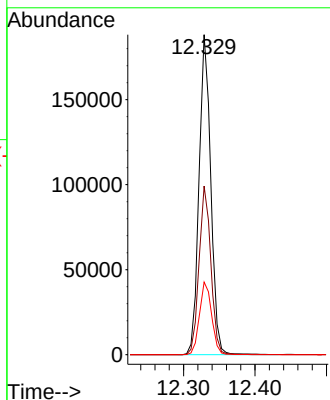
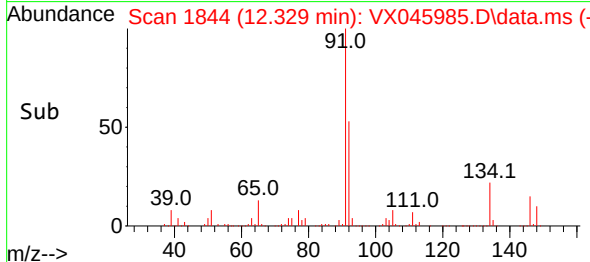
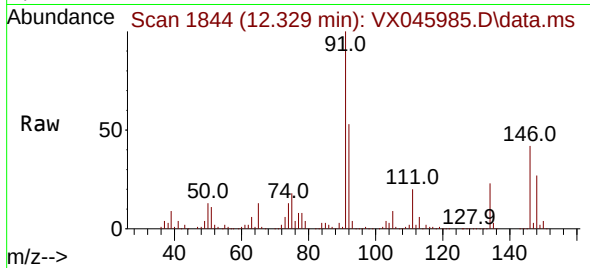
#89
n-Butylbenzene
Concen: 61.446 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 21426
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.6
134 23.6 11.9 35.7

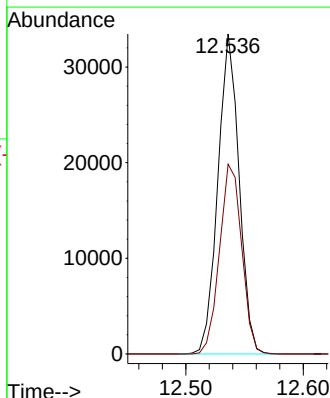
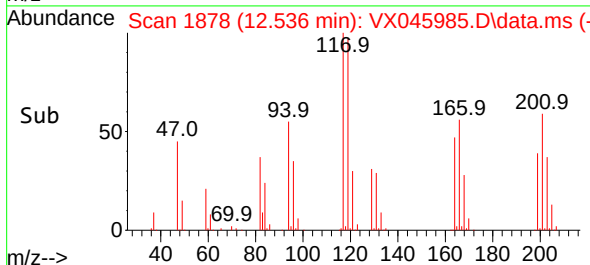
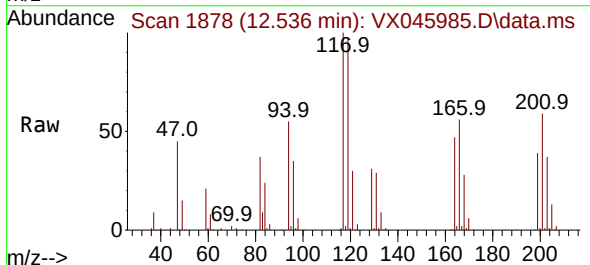
Manual Integrations
APPROVED

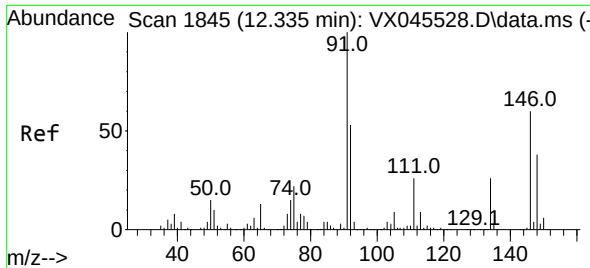
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#90
Hexachloroethane
Concen: 60.731 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

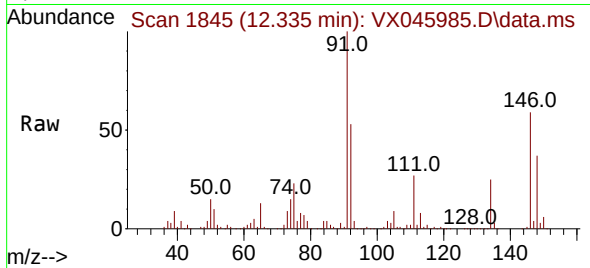
Tgt Ion:117 Resp: 41970
Ion Ratio Lower Upper
117 100
201 62.1 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 54.962 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

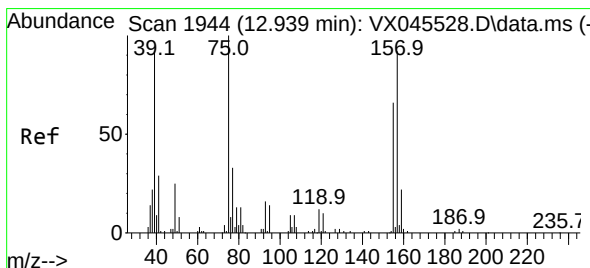
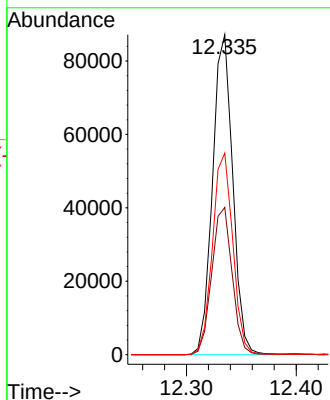
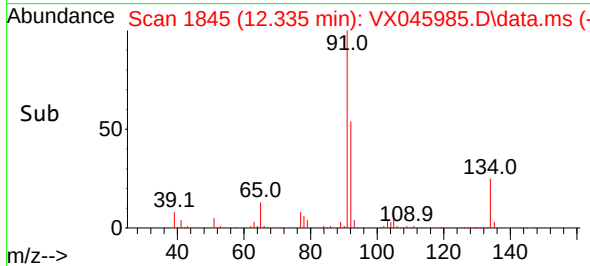
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



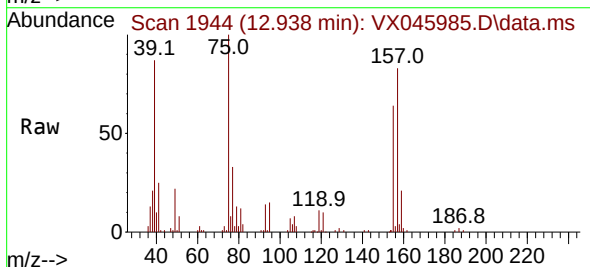
Tgt Ion:146 Resp: 11148
Ion Ratio Lower Upper
146 100
111 46.6 22.9 68.8
148 63.8 31.9 95.5

Manual Integrations
APPROVED

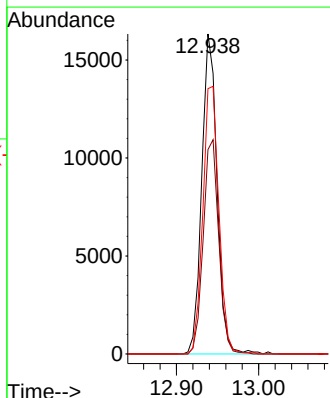
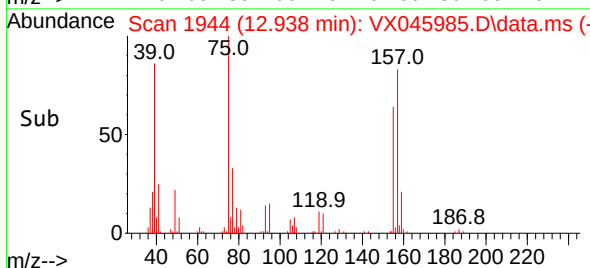
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

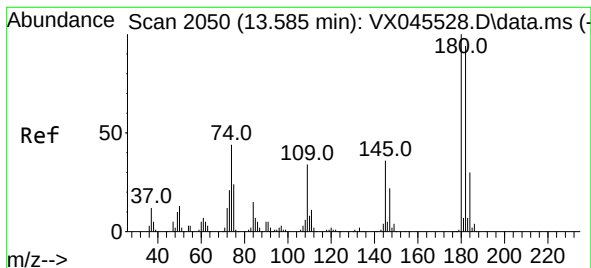


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.332 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01



Tgt Ion: 75 Resp: 21144
Ion Ratio Lower Upper
75 100
155 67.7 34.9 104.7
157 87.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 56.960 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

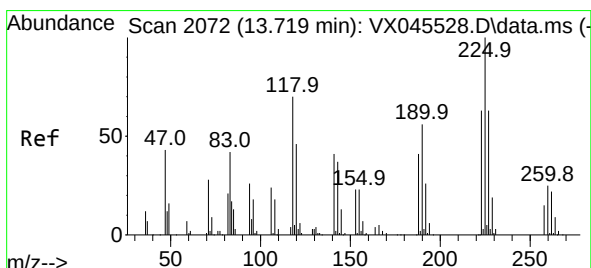
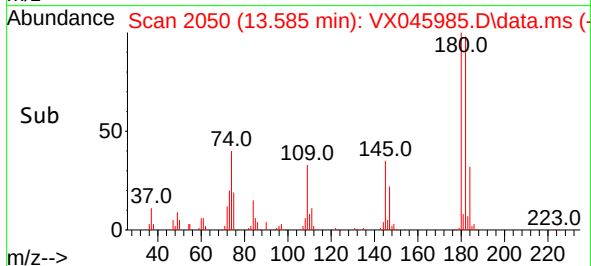
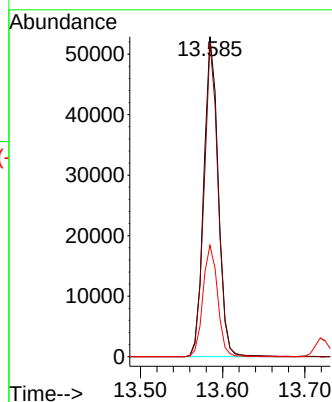
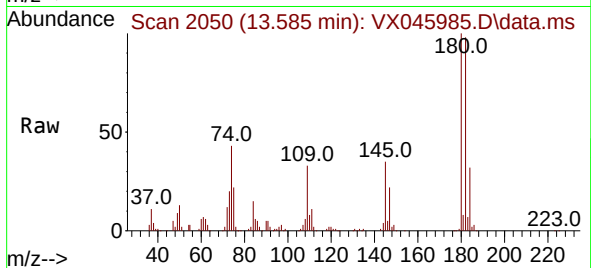
Tgt Ion:180	Resp:	6431
Ion Ratio	Lower	Upper
180	100	
182	95.6	47.9 143.6
145	35.3	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#94

Hexachlorobutadiene

Concen: 60.361 ug/l

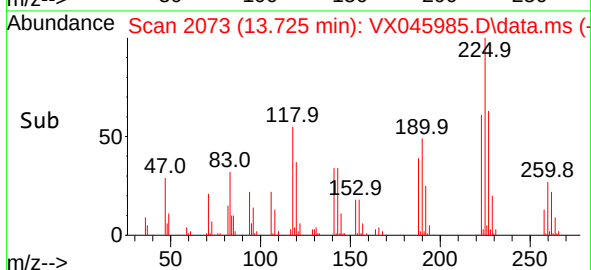
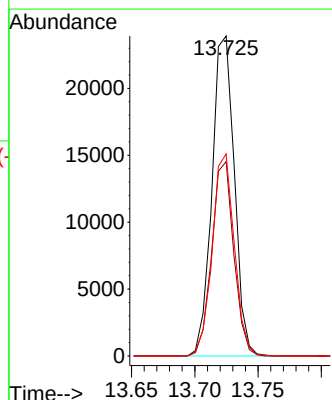
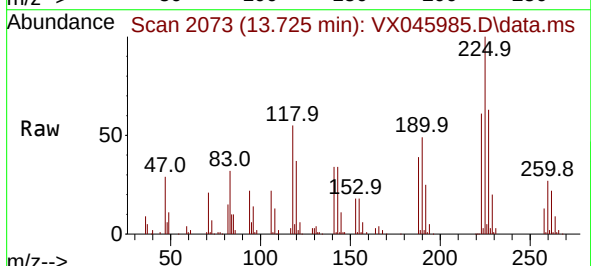
RT: 13.725 min Scan# 2073

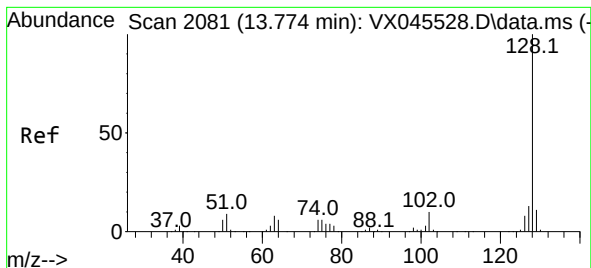
Delta R.T. 0.006 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Tgt Ion:225	Resp:	29367
Ion Ratio	Lower	Upper
225	100	
223	59.9	31.1 93.3
227	62.4	32.2 96.6





#95

Naphthalene

Concen: 56.435 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 237119

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

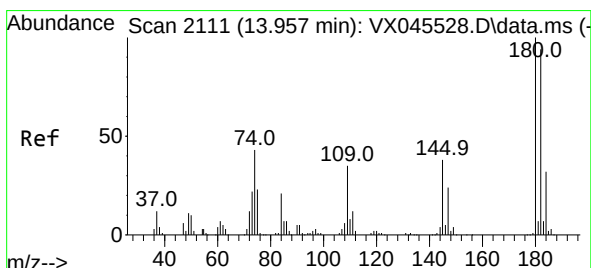
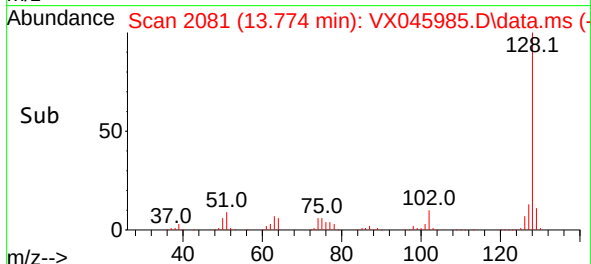
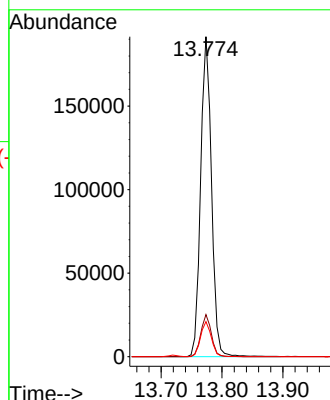
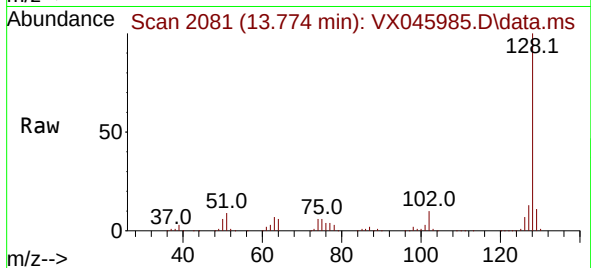
129 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#96

1,2,3-Trichlorobenzene

Concen: 57.054 ug/l

RT: 13.956 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045985.D

Acq: 30 Apr 2025 10:01

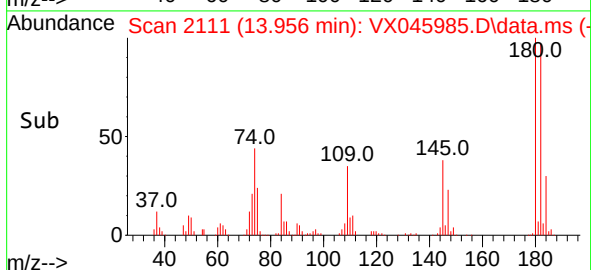
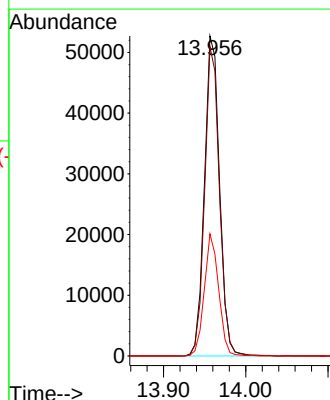
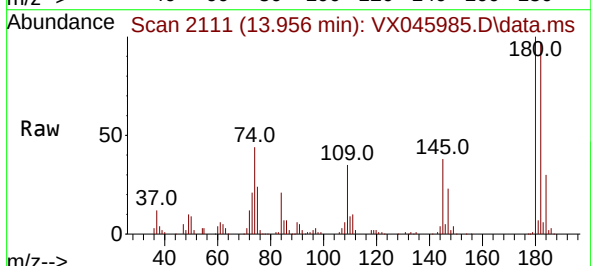
Tgt Ion:180 Resp: 67453

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 36.4 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045985.D
 Acq On : 30 Apr 2025 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 03:35:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	87	0.00
2 T	Dichlorodifluoromethane	0.748	0.740	1.1	78	0.00
3 P	Chloromethane	0.768	0.749	2.5	83	0.00
4 C	Vinyl Chloride	0.703	0.712	-1.3#	86	0.00
5 T	Bromomethane	0.333	0.335	-0.6	88	0.00
6 T	Chloroethane	0.373	0.401	-7.5	87	0.00
7 T	Trichlorofluoromethane	1.048	1.163	-11.0	93	0.00
8 T	Diethyl Ether	0.352	0.388	-10.2	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.720	-17.3	101	0.00
10 T	Methyl Iodide	0.766	0.808	-5.5	88	0.00
11 T	Tert butyl alcohol	0.123	0.140	-13.8	96	0.00
12 CM	1,1-Dichloroethene	0.600	0.646	-7.7#	93	0.00
13 T	Acrolein	0.169	0.169	0.0	88	0.00
14 T	Allyl chloride	1.139	1.289	-13.2	95	0.00
15 T	Acrylonitrile	0.388	0.434	-11.9	93	0.00
16 T	Acetone	0.375	0.412	-9.9	95	0.00
17 T	Carbon Disulfide	1.483	1.428	3.7	80	0.00
18 T	Methyl Acetate	0.864	1.229	-42.2#	124	0.00
19 T	Methyl tert-butyl Ether	2.100	2.378	-13.2	97	0.00
20 T	Methylene Chloride	0.703	0.750	-6.7	92	0.00
21 T	trans-1,2-Dichloroethene	0.613	0.651	-6.2	91	0.00
22 T	Diisopropyl ether	2.243	2.538	-13.2	96	0.00
23 T	Vinyl Acetate	1.938	2.170	-12.0	90	0.00
24 P	1,1-Dichloroethane	1.269	1.396	-10.0	95	0.00
25 T	2-Butanone	0.550	0.628	-14.2	93	0.00
26 T	2,2-Dichloropropane	0.820	1.079	-31.6#	110	0.00
27 T	cis-1,2-Dichloroethene	0.747	0.807	-8.0	93	0.00
28 T	Bromochloromethane	0.613	0.625	-2.0	91	0.00
29 T	Tetrahydrofuran	0.356	0.395	-11.0	92	0.00
30 C	Chloroform	1.306	1.474	-12.9#	97	0.00
31 T	Cyclohexane	1.122	1.180	-5.2	91	0.00
32 T	1,1,1-Trichloroethane	1.105	1.276	-15.5	100	0.00
33 S	1,2-Dichloroethane-d4	0.914	0.976	-6.8	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.355	0.405	-14.1	98	0.00
36 T	1,1-Dichloropropene	0.479	0.546	-14.0	95	0.00
37 T	Ethyl Acetate	0.604	0.676	-11.9	91	0.00
38 T	Carbon Tetrachloride	0.518	0.632	-22.0	99	0.00
39 T	Methylcyclohexane	0.587	0.683	-16.4	92	0.00
40 TM	Benzene	1.463	1.629	-11.3	92	0.00
41 T	Methacrylonitrile	0.318	0.391	-23.0	94	0.00
42 TM	1,2-Dichloroethane	0.604	0.716	-18.5	97	0.00
43 T	Isopropyl Acetate	0.915	1.083	-18.4	93	0.00
44 TM	Trichloroethene	0.348	0.381	-9.5	91	0.00
45 C	1,2-Dichloropropane	0.365	0.424	-16.2#	95	0.00
46 T	Dibromomethane	0.280	0.324	-15.7	93	0.00
47 T	Bromodichloromethane	0.560	0.663	-18.4	97	0.00
48 T	Methyl methacrylate	0.472	0.570	-20.8	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045985.D
 Acq On : 30 Apr 2025 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 03:35:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.009	0.010	-11.1	90	0.00
50 S	Toluene-d8	1.238	1.287	-4.0	89	0.00
51 T	4-Methyl-2-Pentanone	0.606	0.741	-22.3	94	0.00
52 CM	Toluene	0.885	1.002	-13.2#	92	0.00
53 T	t-1,3-Dichloropropene	0.467	0.594	-27.2#	98	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.661	-25.7#	98	0.00
55 T	1,1,2-Trichloroethane	0.353	0.409	-15.9	95	0.00
56 T	Ethyl methacrylate	0.546	0.660	-20.9	92	0.00
57 T	1,3-Dichloropropane	0.614	0.717	-16.8	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.276	0.319	-15.6	90	0.00
59 T	2-Hexanone	0.449	0.545	-21.4	93	0.00
60 T	Dibromochloromethane	0.385	0.474	-23.1	97	0.00
61 T	1,2-Dibromoethane	0.357	0.421	-17.9	95	0.00
62 S	4-Bromofluorobenzene	0.451	0.514	-14.0	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.353	0.398	-12.7	94	0.00
65 PM	Chlorobenzene	1.068	1.246	-16.7	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.438	-18.1	96	0.00
67 C	Ethyl Benzene	1.914	2.259	-18.0#	92	0.00
68 T	m/p-Xylenes	0.696	0.828	-19.0	93	0.00
69 T	o-Xylene	0.686	0.796	-16.0	90	0.00
70 T	Styrene	1.132	1.369	-20.9	92	0.00
71 P	Bromoform	0.277	0.356	-28.5#	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	4.005	4.466	-11.5	94	0.00
74 T	N-amyl acetate	1.916	2.176	-13.6	93	0.00
75 P	1,1,2,2-Tetrachloroethane	1.407	1.476	-4.9	94	0.00
76 T	1,2,3-Trichloropropane	1.220	1.310	-7.4	94	0.00
77 T	Bromobenzene	0.925	1.010	-9.2	95	0.00
78 T	n-propylbenzene	4.613	5.277	-14.4	95	0.00
79 T	2-Chlorotoluene	2.949	3.218	-9.1	96	0.00
80 T	1,3,5-Trimethylbenzene	3.312	3.775	-14.0	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.415	-15.6	98	0.00
82 T	4-Chlorotoluene	3.288	3.748	-14.0	96	0.00
83 T	tert-Butylbenzene	3.279	3.730	-13.8	96	0.00
84 T	1,2,4-Trimethylbenzene	3.324	3.798	-14.3	95	0.00
85 T	sec-Butylbenzene	4.027	4.708	-16.9	96	0.00
86 T	p-Isopropyltoluene	3.320	3.912	-17.8	98	0.00
87 T	1,3-Dichlorobenzene	1.684	1.879	-11.6	97	0.00
88 T	1,4-Dichlorobenzene	1.708	1.871	-9.5	97	0.00
89 T	n-Butylbenzene	2.879	3.538	-22.9	99	0.00
90 T	Hexachloroethane	0.571	0.693	-21.4	102	0.00
91 T	1,2-Dichlorobenzene	1.675	1.841	-9.9	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.294	0.349	-18.7	97	0.00
93 T	1,2,4-Trichlorobenzene	0.932	1.062	-13.9	99	0.00
94 T	Hexachlorobutadiene	0.402	0.485	-20.6	106	0.00
95 T	Naphthalene	3.469	3.916	-12.9	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.976	1.114	-14.1	98	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045985.D
 Acq On : 30 Apr 2025 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 03:35:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	87	0.00
2 T	Dichlorodifluoromethane	50.000	49.511	1.0	78	0.00
3 P	Chloromethane	50.000	48.720	2.6	83	0.00
4 C	Vinyl Chloride	50.000	50.631	-1.3#	86	0.00
5 T	Bromomethane	50.000	50.285	-0.6	88	0.00
6 T	Chloroethane	50.000	53.801	-7.6	87	0.00
7 T	Trichlorofluoromethane	50.000	55.463	-10.9	93	0.00
8 T	Diethyl Ether	50.000	55.114	-10.2	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	58.595	-17.2	101	0.00
10 T	Methyl Iodide	50.000	52.697	-5.4	88	0.00
11 T	Tert butyl alcohol	250.000	285.531	-14.2	96	0.00
12 CM	1,1-Dichloroethene	50.000	53.830	-7.7#	93	0.00
13 T	Acrolein	250.000	249.511	0.2	88	0.00
14 T	Allyl chloride	50.000	56.591	-13.2	95	0.00
15 T	Acrylonitrile	250.000	279.773	-11.9	93	0.00
16 T	Acetone	250.000	274.460	-9.8	95	0.00
17 T	Carbon Disulfide	50.000	48.149	3.7	80	0.00
18 T	Methyl Acetate	50.000	71.068	-42.1#	124	0.00
19 T	Methyl tert-butyl Ether	50.000	56.627	-13.3	97	0.00
20 T	Methylene Chloride	50.000	53.357	-6.7	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.118	-6.2	91	0.00
22 T	Diisopropyl ether	50.000	56.574	-13.1	96	0.00
23 T	Vinyl Acetate	250.000	279.868	-11.9	90	0.00
24 P	1,1-Dichloroethane	50.000	55.001	-10.0	95	0.00
25 T	2-Butanone	250.000	285.635	-14.3	93	0.00
26 T	2,2-Dichloropropane	50.000	65.801	-31.6#	110	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.994	-8.0	93	0.00
28 T	Bromochloromethane	50.000	50.967	-1.9	91	0.00
29 T	Tetrahydrofuran	250.000	277.150	-10.9	92	0.00
30 C	Chloroform	50.000	56.460	-12.9#	97	0.00
31 T	Cyclohexane	50.000	52.607	-5.2	91	0.00
32 T	1,1,1-Trichloroethane	50.000	57.773	-15.5	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.349	-6.7	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	57.096	-14.2	98	0.00
36 T	1,1-Dichloropropene	50.000	57.008	-14.0	95	0.00
37 T	Ethyl Acetate	50.000	55.982	-12.0	91	0.00
38 T	Carbon Tetrachloride	50.000	61.020	-22.0	99	0.00
39 T	Methylcyclohexane	50.000	58.168	-16.3	92	0.00
40 TM	Benzene	50.000	55.676	-11.4	92	0.00
41 T	Methacrylonitrile	50.000	61.444	-22.9	94	0.00
42 TM	1,2-Dichloroethane	50.000	59.265	-18.5	97	0.00
43 T	Isopropyl Acetate	50.000	59.187	-18.4	93	0.00
44 TM	Trichloroethene	50.000	54.850	-9.7	91	0.00
45 C	1,2-Dichloropropane	50.000	58.102	-16.2#	95	0.00
46 T	Dibromomethane	50.000	57.812	-15.6	93	0.00
47 T	Bromodichloromethane	50.000	59.224	-18.4	97	0.00
48 T	Methyl methacrylate	50.000	60.322	-20.6	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045985.D
 Acq On : 30 Apr 2025 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 03:35:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1169.224	-16.9	90	0.00
50 S	Toluene-d8	50.000	51.954	-3.9	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	305.494	-22.2	94	0.00
52 CM	Toluene	50.000	56.589	-13.2#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	54.959	-9.9	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	62.882	-25.8#	98	0.00
55 T	1,1,2-Trichloroethane	50.000	57.923	-15.8	95	0.00
56 T	Ethyl methacrylate	50.000	60.478	-21.0	92	0.00
57 T	1,3-Dichloropropane	50.000	58.340	-16.7	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	289.158	-15.7	90	0.00
59 T	2-Hexanone	250.000	303.451	-21.4	93	0.00
60 T	Dibromochloromethane	50.000	61.693	-23.4	97	0.00
61 T	1,2-Dibromoethane	50.000	58.989	-18.0	95	0.00
62 S	4-Bromofluorobenzene	50.000	56.926	-13.9	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	56.324	-12.6	94	0.00
65 PM	Chlorobenzene	50.000	58.288	-16.6	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	59.035	-18.1	96	0.00
67 C	Ethyl Benzene	50.000	59.031	-18.1#	92	0.00
68 T	m/p-Xylenes	100.000	118.999	-19.0	93	0.00
69 T	o-Xylene	50.000	58.079	-16.2	90	0.00
70 T	Styrene	50.000	60.482	-21.0	92	0.00
71 P	Bromoform	50.000	64.339	-28.7#	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	55.748	-11.5	94	0.00
74 T	N-amyl acetate	50.000	56.782	-13.6	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.449	-4.9	94	0.00
76 T	1,2,3-Trichloropropane	50.000	53.709	-7.4	94	0.00
77 T	Bromobenzene	50.000	54.578	-9.2	95	0.00
78 T	n-propylbenzene	50.000	57.199	-14.4	95	0.00
79 T	2-Chlorotoluene	50.000	54.562	-9.1	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.997	-14.0	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.681	-15.4	98	0.00
82 T	4-Chlorotoluene	50.000	56.991	-14.0	96	0.00
83 T	tert-Butylbenzene	50.000	56.883	-13.8	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.131	-14.3	95	0.00
85 T	sec-Butylbenzene	50.000	58.450	-16.9	96	0.00
86 T	p-Isopropyltoluene	50.000	58.918	-17.8	98	0.00
87 T	1,3-Dichlorobenzene	50.000	55.772	-11.5	97	0.00
88 T	1,4-Dichlorobenzene	50.000	54.777	-9.6	97	0.00
89 T	n-Butylbenzene	50.000	61.446	-22.9	99	0.00
90 T	Hexachloroethane	50.000	60.731	-21.5	102	0.00
91 T	1,2-Dichlorobenzene	50.000	54.962	-9.9	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.332	-18.7	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.960	-13.9	99	0.00
94 T	Hexachlorobutadiene	50.000	60.361	-20.7	106	0.00
95 T	Naphthalene	50.000	56.435	-12.9	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.054	-14.1	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

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

Instrument ID: MSVOA_Y Calibration Date/Time: 05/01/2025 08:50

Lab File ID: VY022095.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.387	1.370		-1.23	20
Toluene	0.898	0.925		3.01	20
Ethyl Benzene	1.829	1.811		-0.98	20
m/p-Xylenes	0.728	0.745		2.34	20
o-Xylene	0.671	0.676		0.75	20
Isopropylbenzene	3.341	3.204		-4.1	20
n-propylbenzene	3.978	3.849		-3.24	20
1,3,5-Trimethylbenzene	2.752	2.700		-1.89	20
tert-Butylbenzene	2.469	2.372		-3.93	20
1,2,4-Trimethylbenzene	2.753	2.737		-0.58	20
sec-Butylbenzene	3.612	3.524		-2.44	20
p-Isopropyltoluene	3.067	3.035		-1.04	20
n-Butylbenzene	2.742	2.631		-4.05	20
1,2-Dichloroethane-d4	0.462	0.431		-6.71	20
Dibromofluoromethane	0.330	0.335		1.51	20
Toluene-d8	1.245	1.270		2.01	20
4-Bromofluorobenzene	0.419	0.427		1.91	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022095.D
 Acq On : 01 May 2025 08:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 01 12:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	300031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	433614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	410078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	227184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	129452	46.711	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.420%		
35) Dibromofluoromethane	7.634	113	145369	50.745	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.500%		
50) Toluene-d8	10.109	98	550662	50.988	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.980%		
62) 4-Bromofluorobenzene	12.408	95	185315	50.971	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	107755	42.149	ug/l	100
3) Chloromethane	2.068	50	162561	44.656	ug/l	99
4) Vinyl Chloride	2.202	62	203141	45.411	ug/l	98
5) Bromomethane	2.592	94	153399	39.803	ug/l	98
6) Chloroethane	2.733	64	136234	44.717	ug/l	96
7) Trichlorofluoromethane	3.056	101	267266	45.309	ug/l	98
8) Diethyl Ether	3.458	74	65627	42.745	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	145092	45.342	ug/l	98
10) Methyl Iodide	4.001	142	166199	44.860	ug/l	98
11) Tert butyl alcohol	4.879	59	36425	239.412	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	132167	44.312	ug/l	97
13) Acrolein	3.653	56	46426	170.015	ug/l	99
14) Allyl chloride	4.385	41	149377	43.012	ug/l	99
15) Acrylonitrile	5.061	53	131912	234.690	ug/l	99
16) Acetone	3.873	43	93527	258.562	ug/l	93
17) Carbon Disulfide	4.104	76	411563	43.277	ug/l	100
18) Methyl Acetate	4.385	43	67887	52.440	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	309344	46.339	ug/l	99
20) Methylene Chloride	4.610	84	146445	41.790	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	152494	45.652	ug/l	97
22) Diisopropyl ether	6.019	45	358660	46.406	ug/l	99
23) Vinyl Acetate	5.958	43	972154	233.397	ug/l	99
24) 1,1-Dichloroethane	5.915	63	236343	44.117	ug/l	98
25) 2-Butanone	6.896	43	149979	237.416	ug/l	100
26) 2,2-Dichloropropane	6.884	77	216277	46.061	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	171041	45.794	ug/l	100
28) Bromochloromethane	7.238	49	102077	49.056	ug/l	95
29) Tetrahydrofuran	7.262	42	100678	245.385	ug/l	97
30) Chloroform	7.421	83	275742	46.403	ug/l	100
31) Cyclohexane	7.701	56	199607	43.571	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	244709	45.518	ug/l	99
36) 1,1-Dichloropropene	7.835	75	186977	48.590	ug/l	100
37) Ethyl Acetate	6.988	43	70801	51.230	ug/l	97
38) Carbon Tetrachloride	7.817	117	229097	49.824	ug/l	100
39) Methylcyclohexane	9.110	83	238404	49.231	ug/l	96
40) Benzene	8.079	78	593961	49.378	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022095.D
 Acq On : 01 May 2025 08:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 01 12:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	34133	45.180	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	150849	50.652	ug/l	99
43) Isopropyl Acetate	8.195	43	130927	49.331	ug/l	99
44) Trichloroethene	8.866	130	166940	50.105	ug/l	99
45) 1,2-Dichloropropane	9.140	63	131749	49.528	ug/l	97
46) Dibromomethane	9.231	93	84979	51.032	ug/l	99
47) Bromodichloromethane	9.427	83	209708	50.411	ug/l	100
48) Methyl methacrylate	9.219	41	64491	52.563	ug/l	97
49) 1,4-Dioxane	9.231	88	19493	1098.297	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	381378	274.117	ug/l	99
52) Toluene	10.170	92	401133	51.517	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	180292	50.528	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	209730	49.447	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	115966	52.135	ug/l	98
56) Ethyl methacrylate	10.439	69	133143	52.343	ug/l	98
57) 1,3-Dichloropropane	10.719	76	182342	51.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	351579	282.693	ug/l	99
59) 2-Hexanone	10.762	43	255399	278.311	ug/l	99
60) Dibromochloromethane	10.914	129	160702	52.183	ug/l	99
61) 1,2-Dibromoethane	11.012	107	108715	51.771	ug/l	100
64) Tetrachloroethene	10.646	164	197335	51.010	ug/l	99
65) Chlorobenzene	11.444	112	442124	48.212	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	160317	49.657	ug/l	100
67) Ethyl Benzene	11.518	91	742816	49.517	ug/l	99
68) m/p-Xylenes	11.627	106	610976	102.352	ug/l	99
69) o-Xylene	11.957	106	277219	50.386	ug/l	98
70) Styrene	11.969	104	480407	52.004	ug/l	99
71) Bromoform	12.133	173	97556	51.974	ug/l #	98
73) Isopropylbenzene	12.255	105	727842	47.953	ug/l	99
74) N-amyl acetate	12.072	43	120776	46.314	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	120473	47.078	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	96284m	49.479	ug/l	
77) Bromobenzene	12.536	156	186160	48.538	ug/l	99
78) n-propylbenzene	12.597	91	874536	48.382	ug/l	99
79) 2-Chlorotoluene	12.682	91	498448	47.417	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	613435	49.051	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	38218	47.296	ug/l	98
82) 4-Chlorotoluene	12.780	91	523473	47.904	ug/l	98
83) tert-Butylbenzene	12.999	119	538982	48.054	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	621868	49.714	ug/l	100
85) sec-Butylbenzene	13.176	105	800547	48.777	ug/l	99
86) p-Isopropyltoluene	13.292	119	689548	49.477	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	371168	47.649	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	364925	47.301	ug/l	98
89) n-Butylbenzene	13.621	91	597694	47.980	ug/l	99
90) Hexachloroethane	13.883	117	142735	46.615	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	324218	47.720	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19397	47.643	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	182261	47.340	ug/l	100
94) Hexachlorobutadiene	15.023	225	111490	47.066	ug/l	99
95) Naphthalene	15.145	128	304421	47.598	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	158454	47.678	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

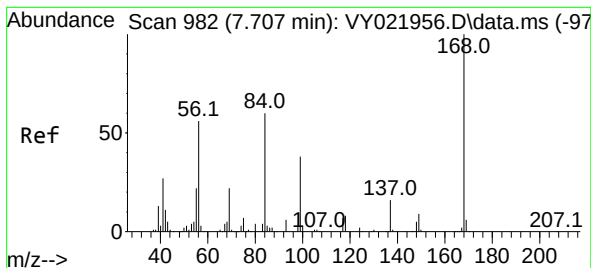
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations APPROVED

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 30003

Ion Ratio Lower Upper

168 100

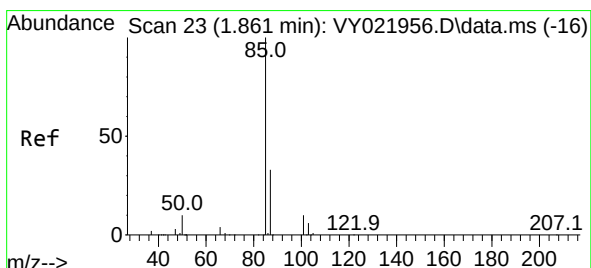
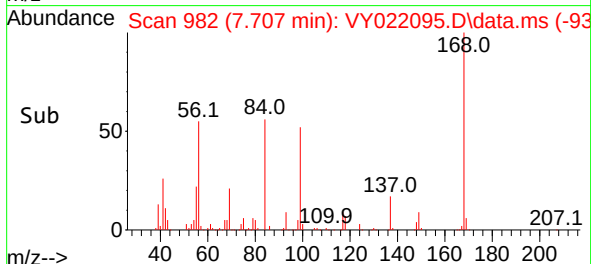
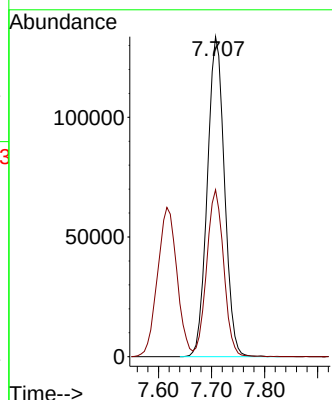
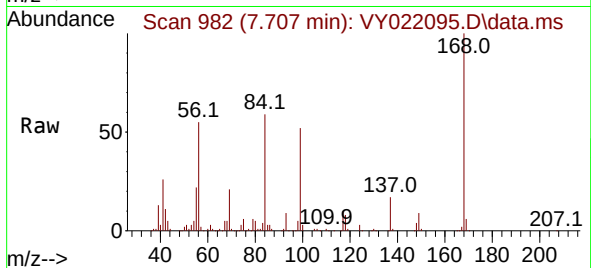
99 52.1 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#2

Dichlorodifluoromethane

Concen: 42.149 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY022095.D

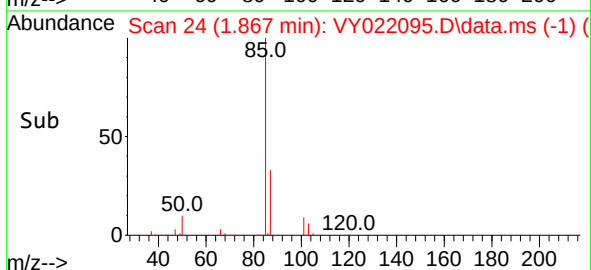
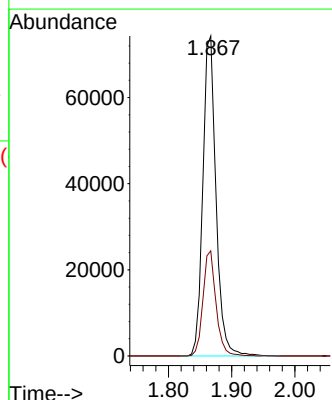
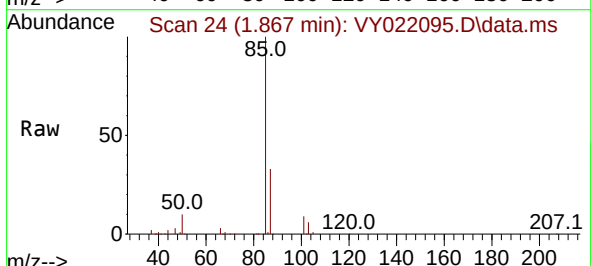
Acq: 01 May 2025 08:50

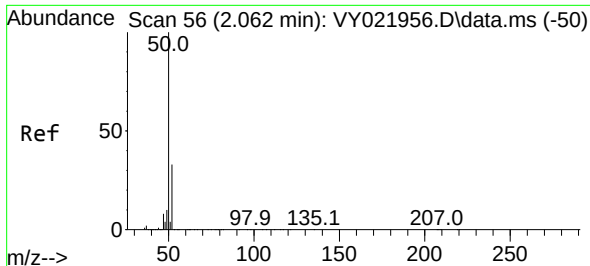
Tgt Ion: 85 Resp: 107755

Ion Ratio Lower Upper

85 100

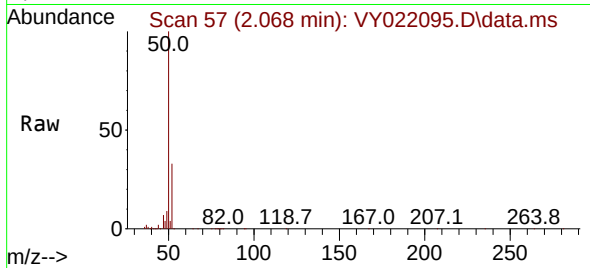
87 32.8 16.6 49.7





#3
Chloromethane
Concen: 44.656 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

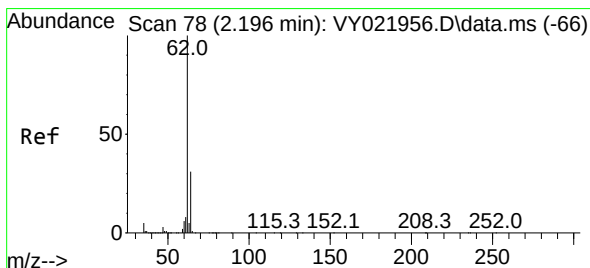
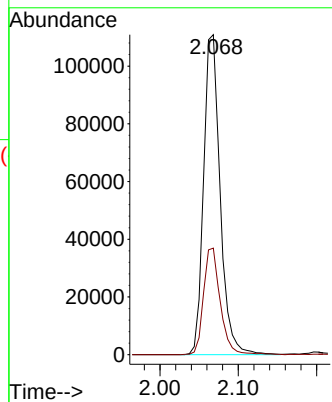
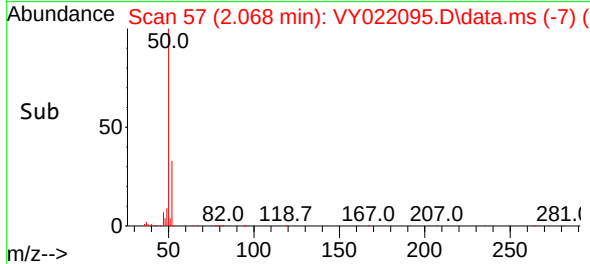
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



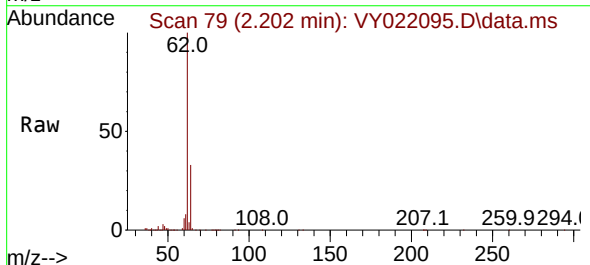
Tgt Ion: 50 Resp: 16256
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1

Manual Integrations
APPROVED

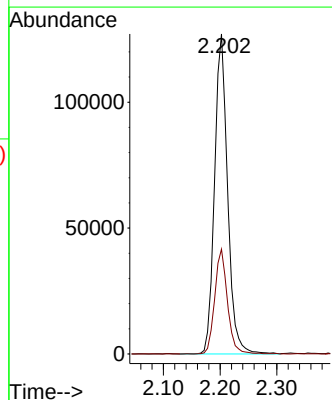
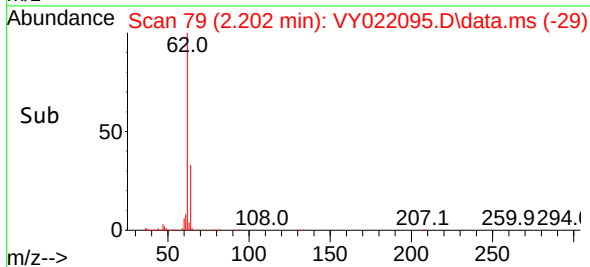
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

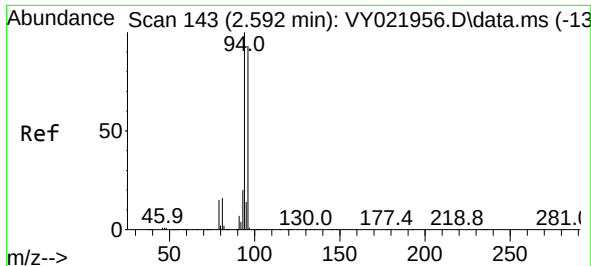


#4
Vinyl Chloride
Concen: 45.411 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



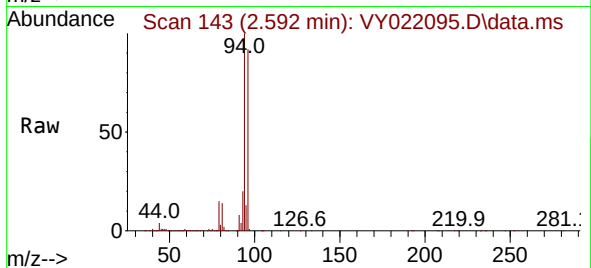
Tgt Ion: 62 Resp: 203141
Ion Ratio Lower Upper
62 100
64 32.8 25.1 37.7





#5
Bromomethane
Concen: 39.803 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

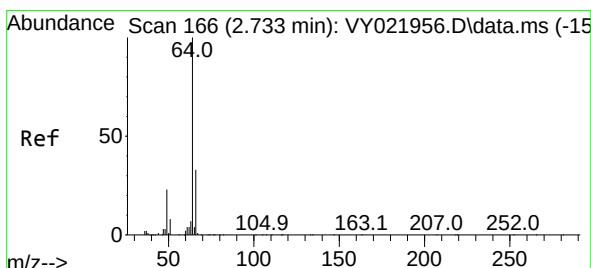
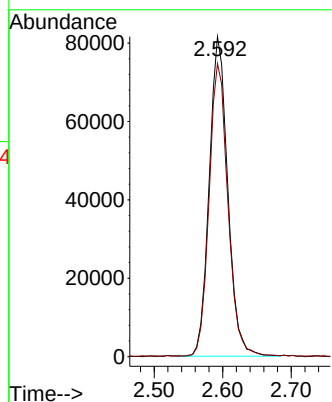
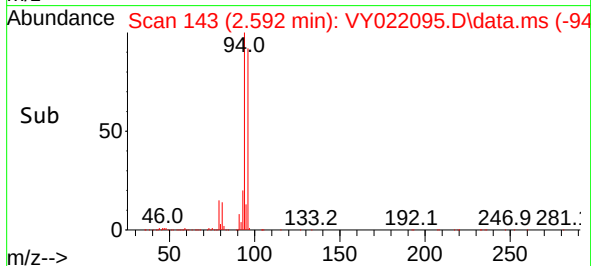
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



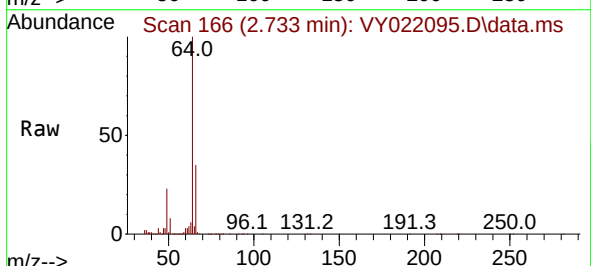
Tgt Ion: 94 Resp: 153399
Ion Ratio Lower Upper
94 100
96 91.4 74.6 111.8

Manual Integrations
APPROVED

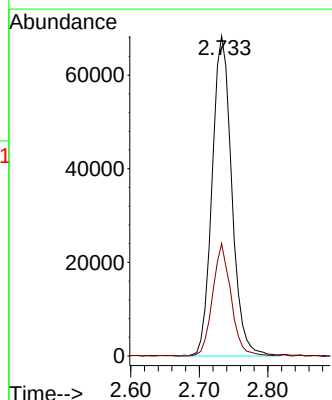
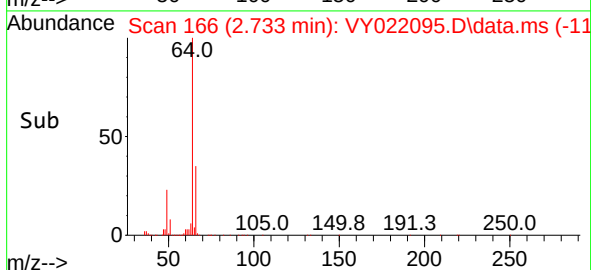
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

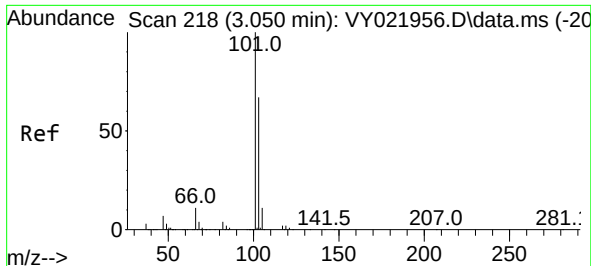


#6
Chloroethane
Concen: 44.717 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



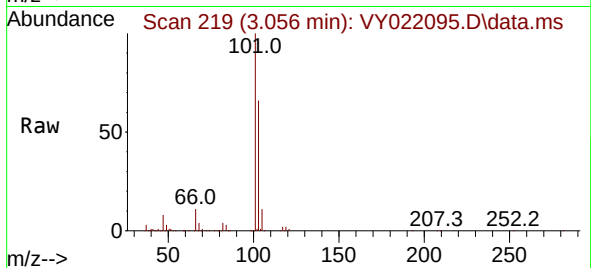
Tgt Ion: 64 Resp: 136234
Ion Ratio Lower Upper
64 100
66 35.1 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 45.309 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

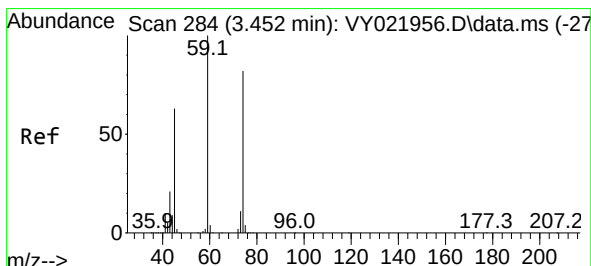
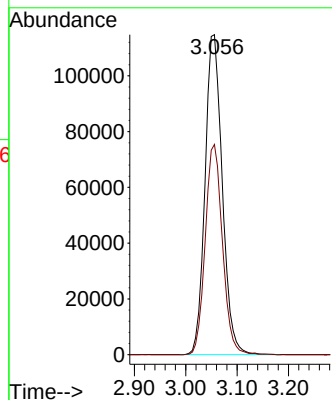
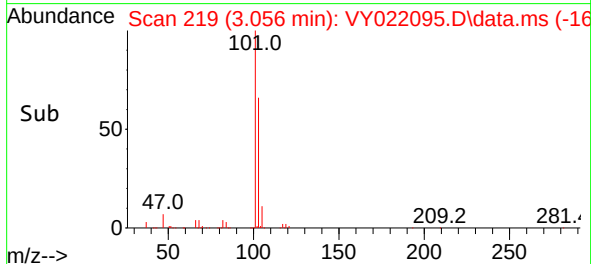
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



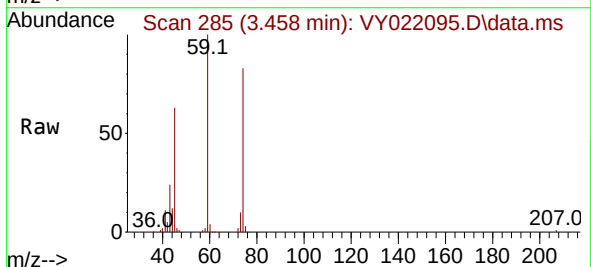
Tgt Ion:101 Resp: 267260
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.6 80.4

Manual Integrations
 APPROVED

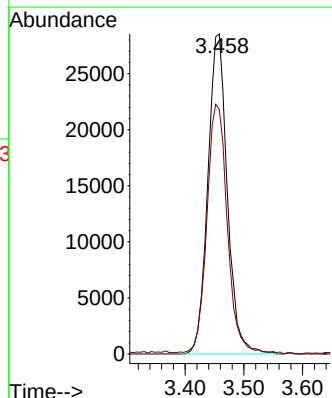
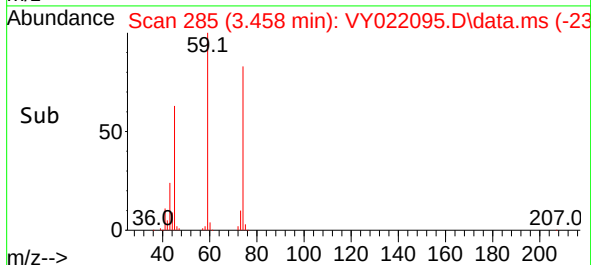
Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025

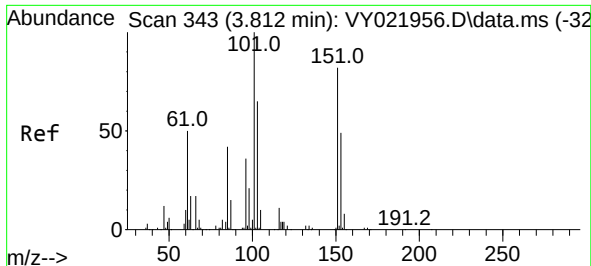


#8
 Diethyl Ether
 Concen: 42.745 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50



Tgt Ion: 74 Resp: 65627
 Ion Ratio Lower Upper
 74 100
 45 80.8 39.1 117.5





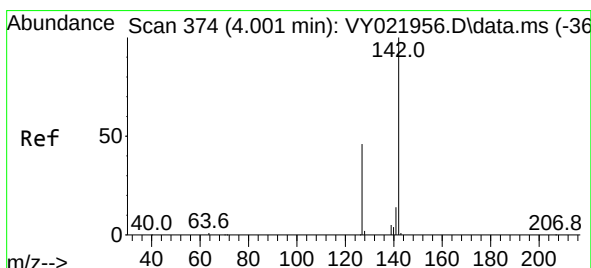
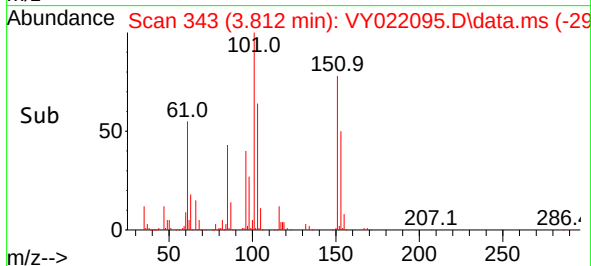
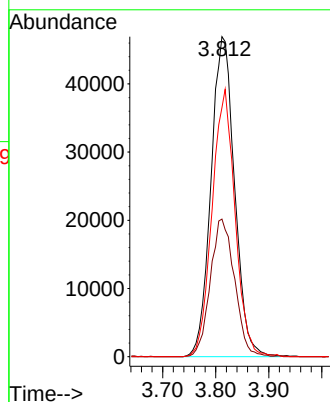
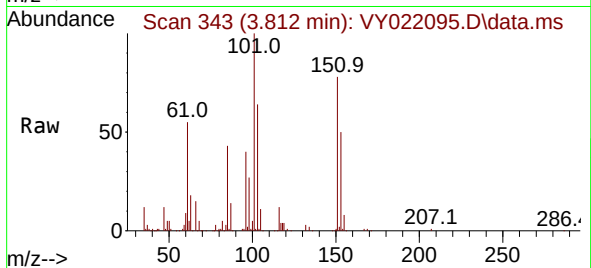
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.342 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 145092
Ion Ratio Lower Upper
101 100
85 44.1 34.6 51.8
151 81.4 63.7 95.5

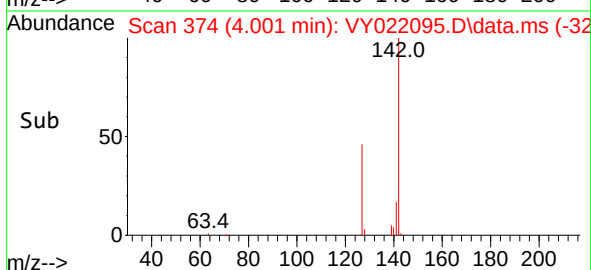
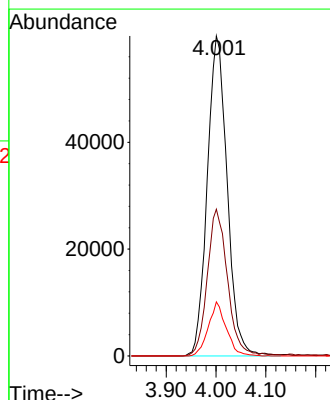
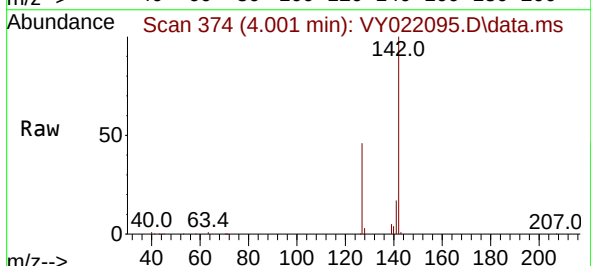
Manual Integrations
APPROVED

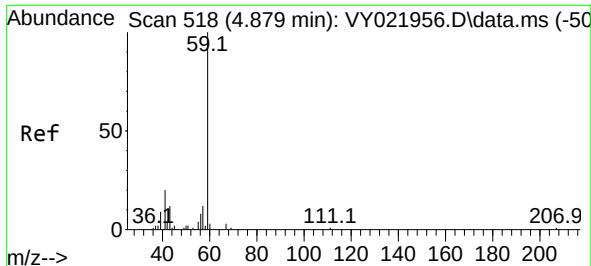
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#10
Methyl Iodide
Concen: 44.860 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

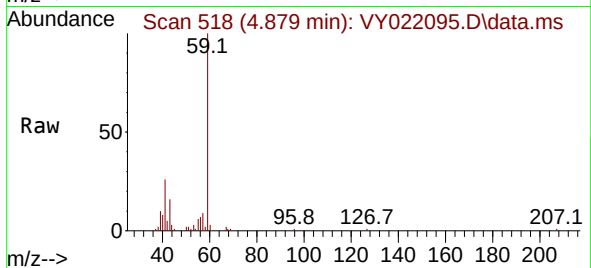
Tgt Ion:142 Resp: 166199
Ion Ratio Lower Upper
142 100
127 46.8 36.2 54.2
141 15.2 11.7 17.5





#11
Tert butyl alcohol
Concen: 239.412 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

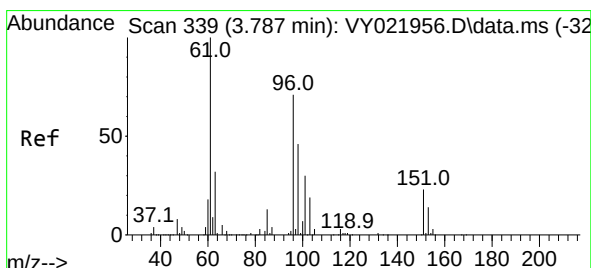
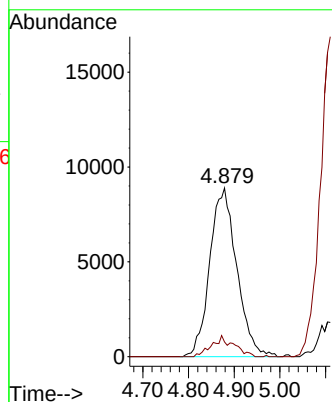
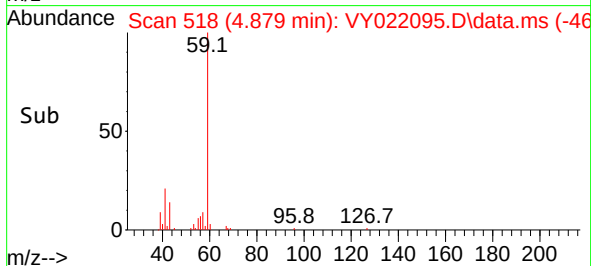
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



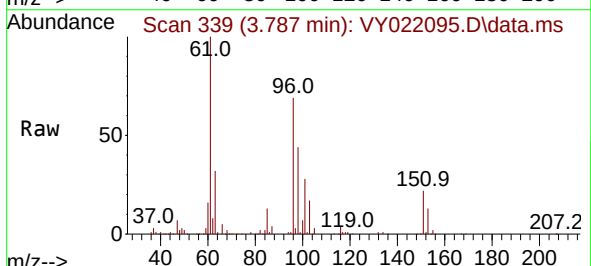
Tgt Ion: 59 Resp: 36425
Ion Ratio Lower Upper
59 100
57 6.5 9.3 13.9

Manual Integrations
APPROVED

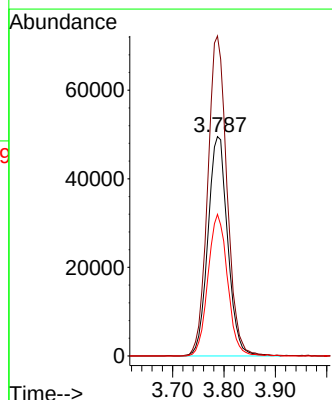
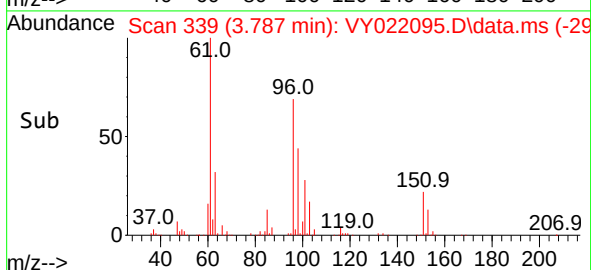
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

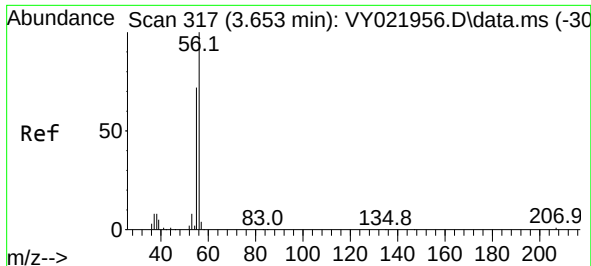


#12
1,1-Dichloroethene
Concen: 44.312 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



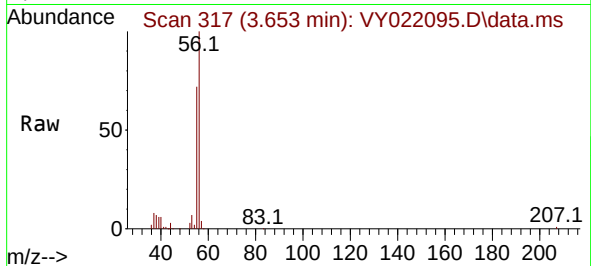
Tgt Ion: 96 Resp: 132167
Ion Ratio Lower Upper
96 100
61 145.8 113.0 169.4
98 64.5 51.4 77.2





#13
Acrolein
Concen: 170.015 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

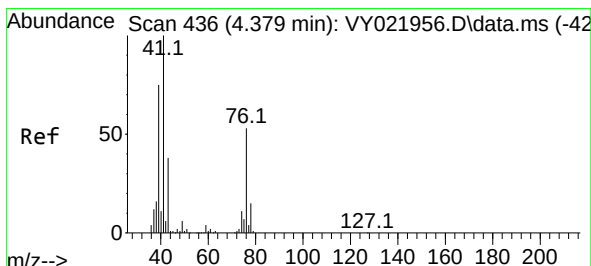
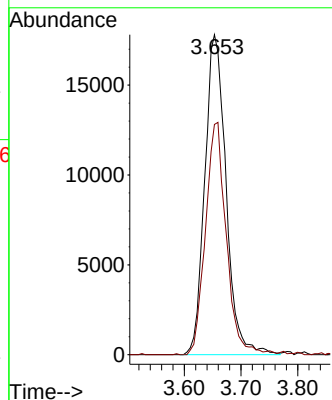
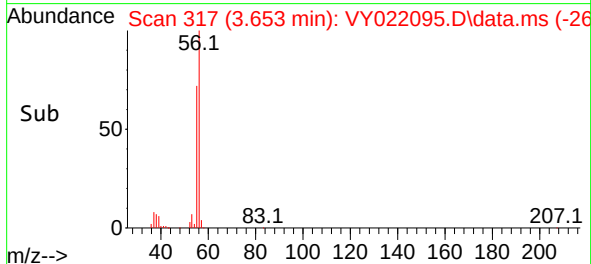
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



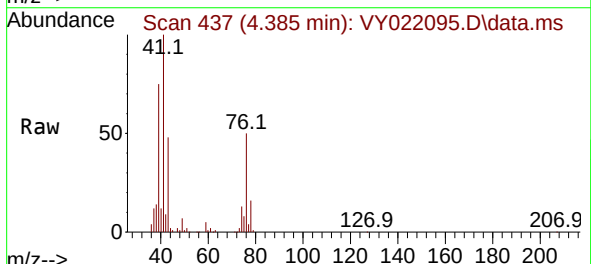
Tgt Ion: 56 Resp: 46420
Ion Ratio Lower Upper
56 100
55 71.0 57.4 86.0

Manual Integrations
APPROVED

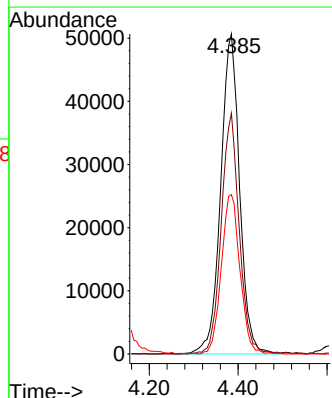
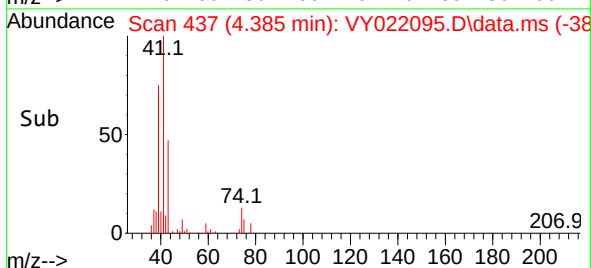
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

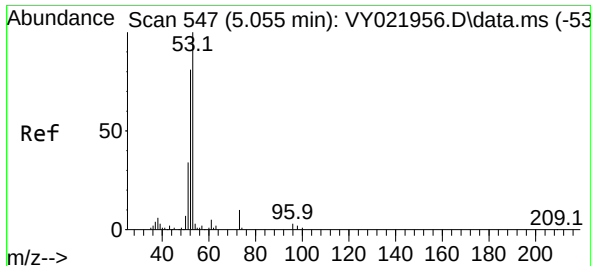


#14
Allyl chloride
Concen: 43.012 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



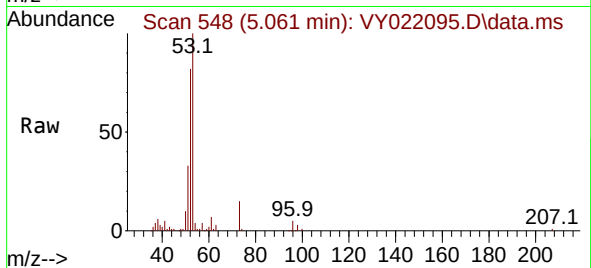
Tgt Ion: 41 Resp: 149377
Ion Ratio Lower Upper
41 100
39 71.4 57.2 85.8
76 48.9 39.7 59.5





#15
Acrylonitrile
Concen: 234.690 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

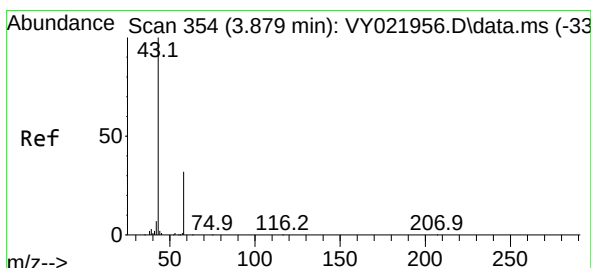
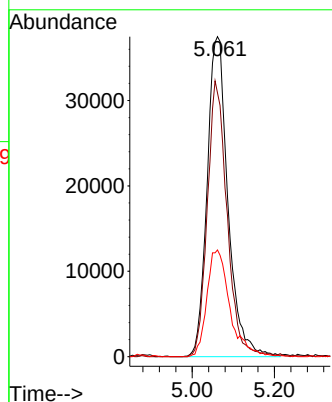
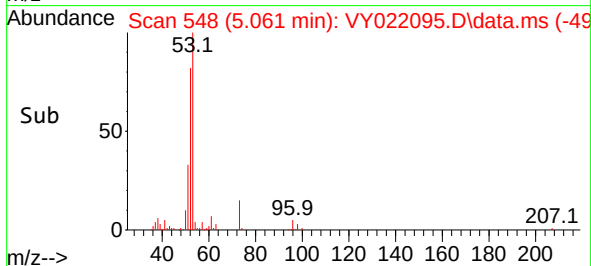
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 131912
Ion Ratio Lower Upper
53 100
52 81.5 65.0 97.6
51 36.9 28.9 43.3

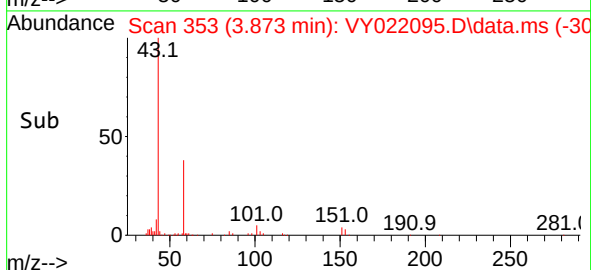
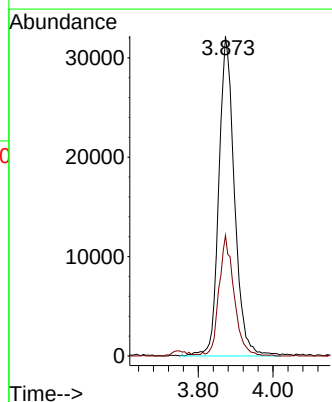
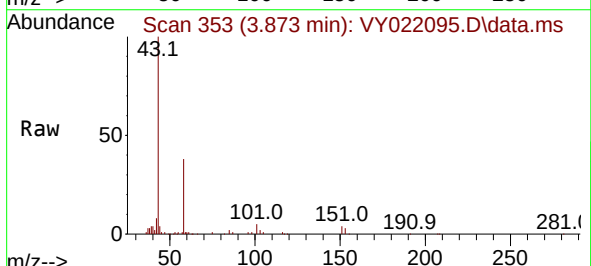
Manual Integrations
APPROVED

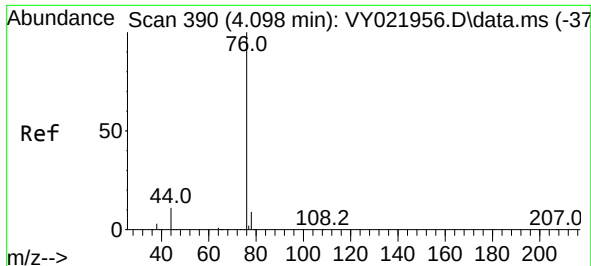
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#16
Acetone
Concen: 258.562 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

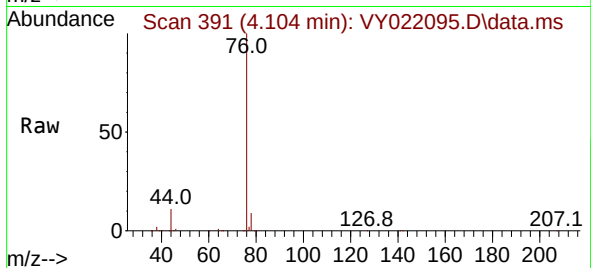
Tgt Ion: 43 Resp: 93527
Ion Ratio Lower Upper
43 100
58 37.7 27.0 40.4





#17
Carbon Disulfide
Concen: 43.277 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

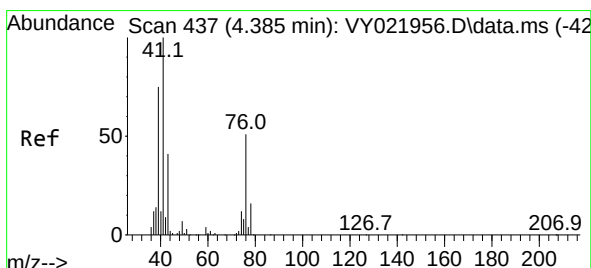
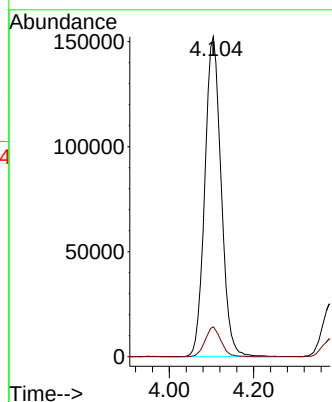
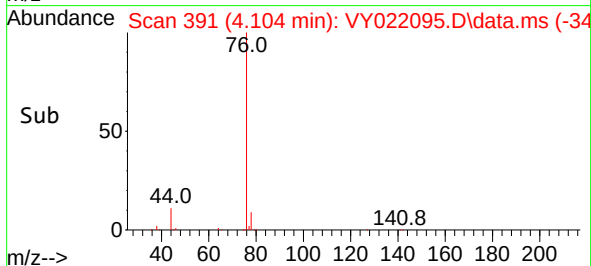
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



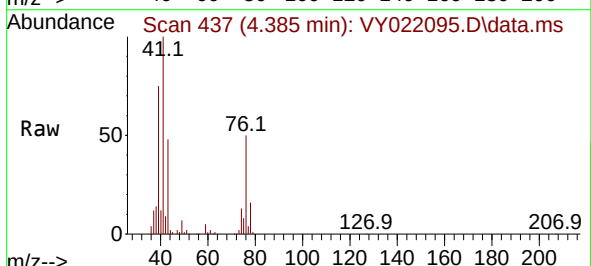
Tgt Ion: 76 Resp: 41156
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

Manual Integrations
APPROVED

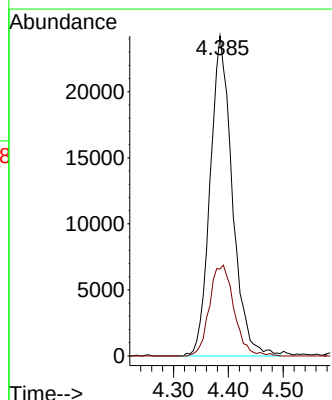
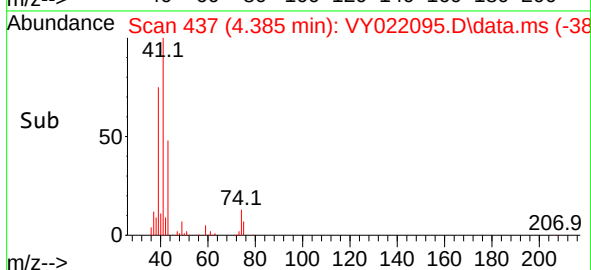
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

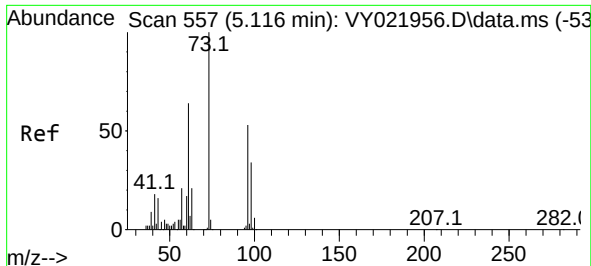


#18
Methyl Acetate
Concen: 52.440 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



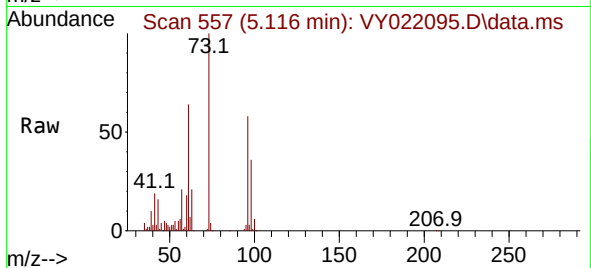
Tgt Ion: 43 Resp: 67887
Ion Ratio Lower Upper
43 100
74 31.5 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 46.339 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

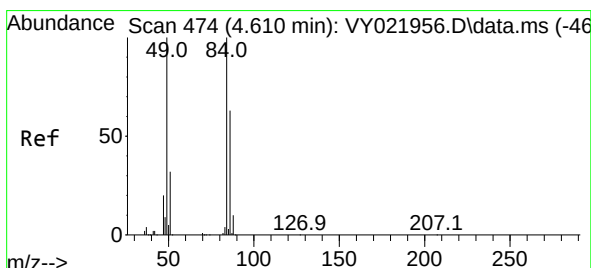
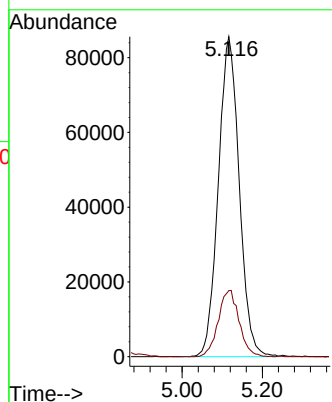
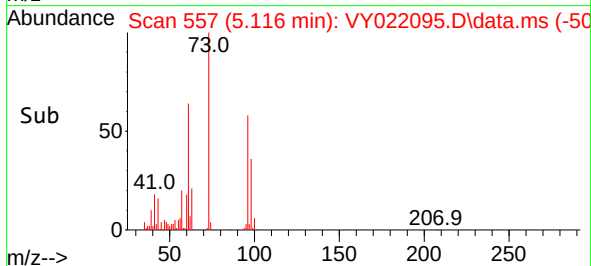
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



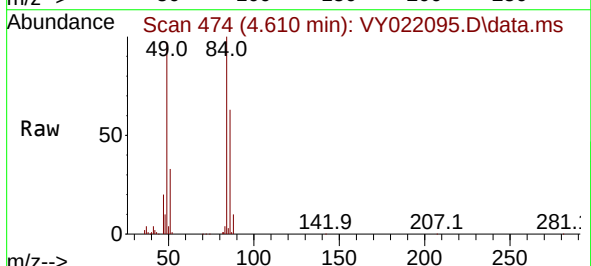
Tgt Ion: 73 Resp: 309344
Ion Ratio Lower Upper
73 100
57 20.6 16.9 25.3

Manual Integrations
APPROVED

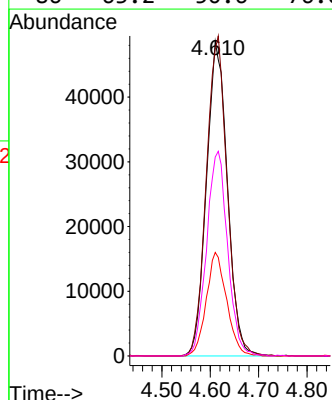
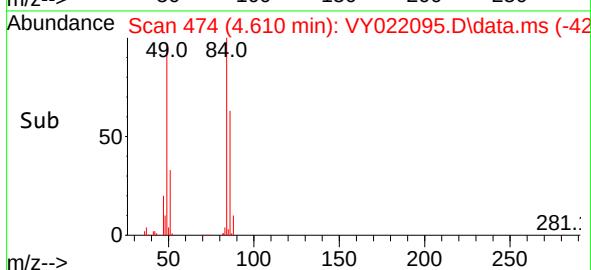
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

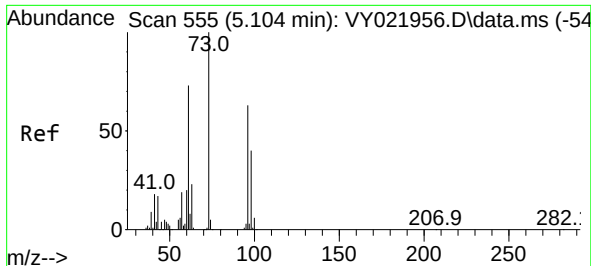


#20
Methylene Chloride
Concen: 41.790 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



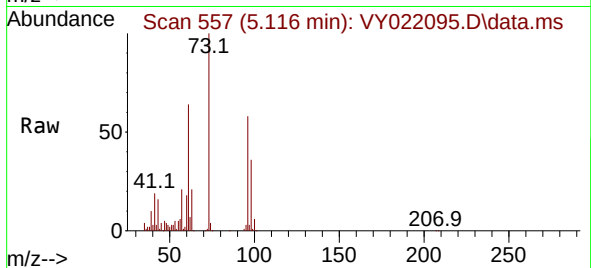
Tgt Ion: 84 Resp: 146445
Ion Ratio Lower Upper
84 100
49 97.5 79.9 119.9
51 32.9 25.4 38.0
86 63.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 45.652 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

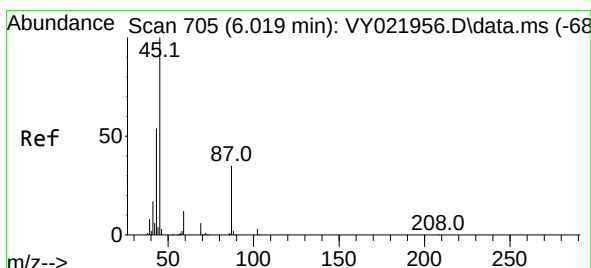
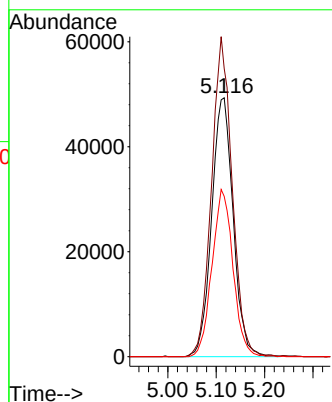
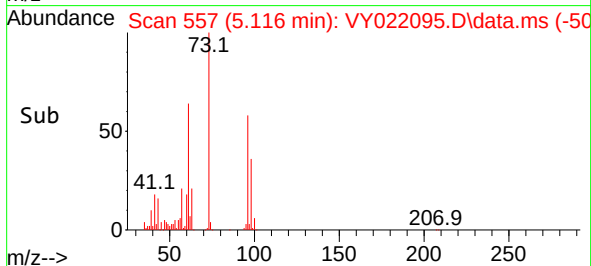
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 152494
Ion Ratio Lower Upper
96 100
61 111.3 92.6 138.8
98 62.0 50.2 75.4

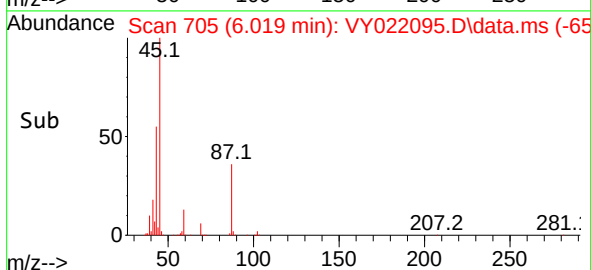
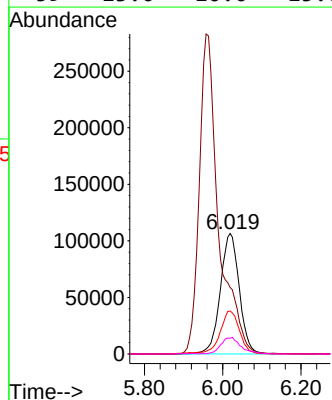
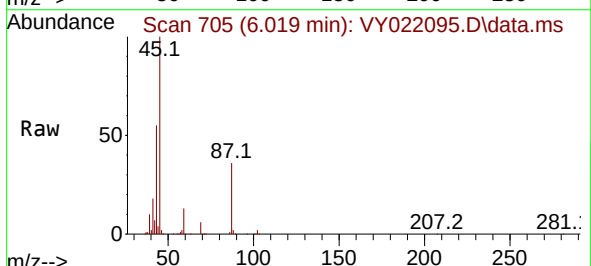
Manual Integrations
APPROVED

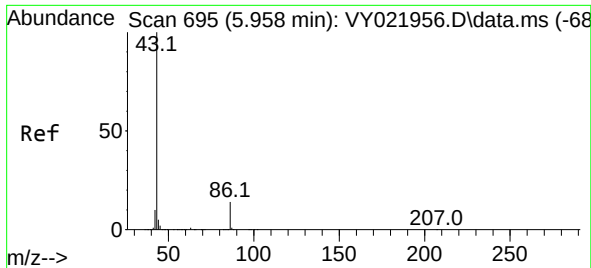
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#22
Diisopropyl ether
Concen: 46.406 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

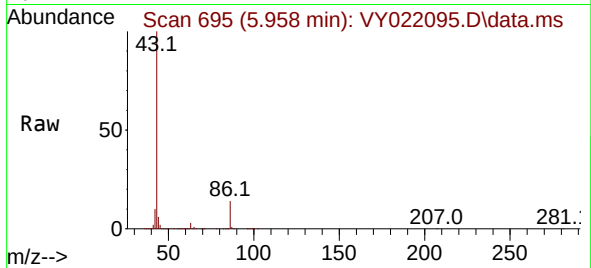
Tgt Ion: 45 Resp: 358660
Ion Ratio Lower Upper
45 100
43 54.9 43.6 65.4
87 35.5 28.2 42.4
59 13.0 10.0 15.0





#23
 Vinyl Acetate
 Concen: 233.397 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

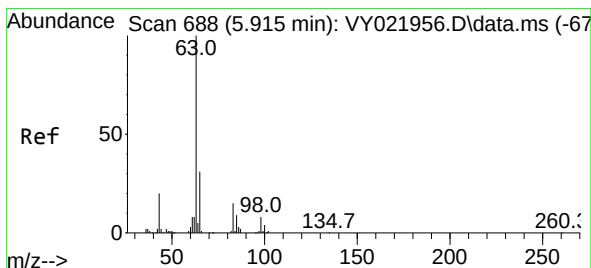
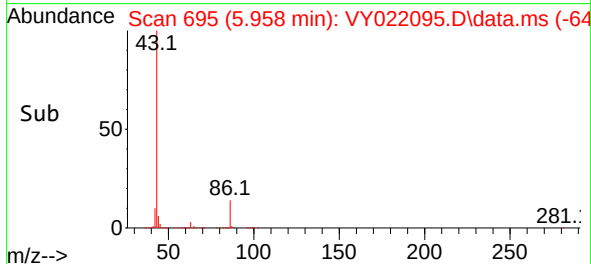
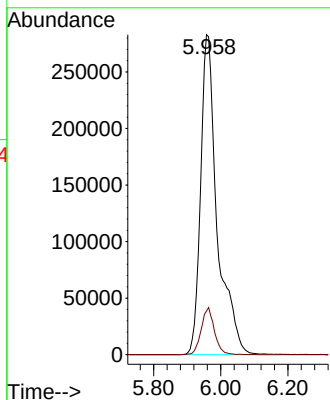
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



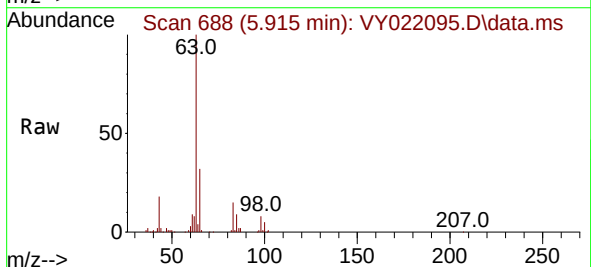
Tgt Ion: 43 Resp: 972154
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.1 16.7

Manual Integrations
 APPROVED

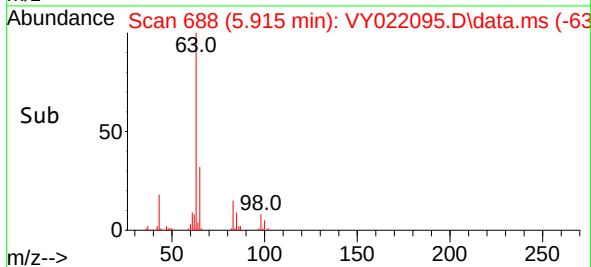
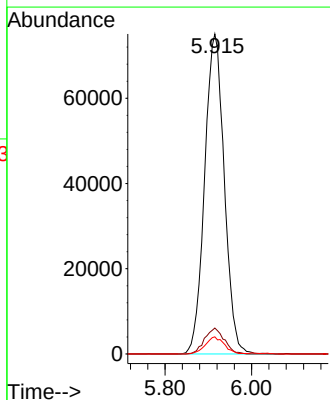
Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025

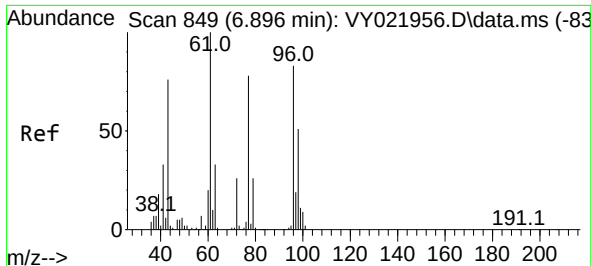


#24
 1,1-Dichloroethane
 Concen: 44.117 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50



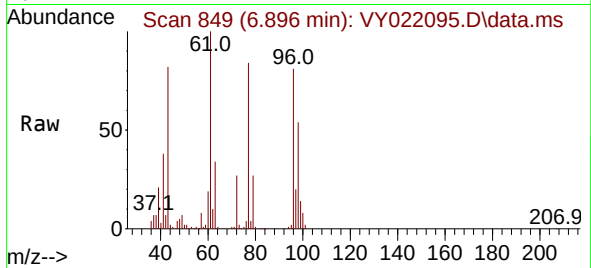
Tgt Ion: 63 Resp: 236343
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 11.9
 100 5.4 2.0 6.0





#25
2-Butanone
Concen: 237.416 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

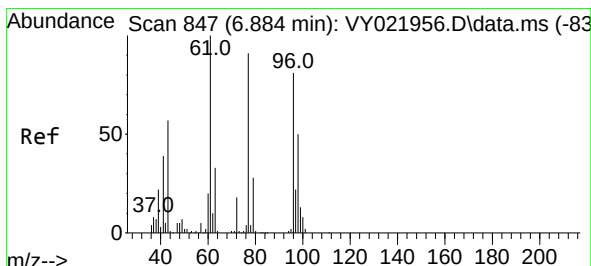
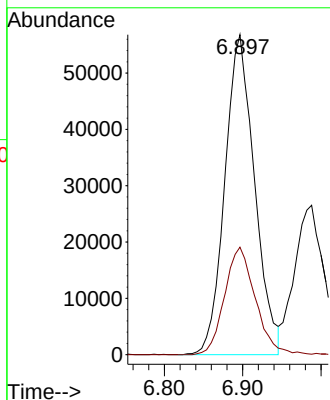
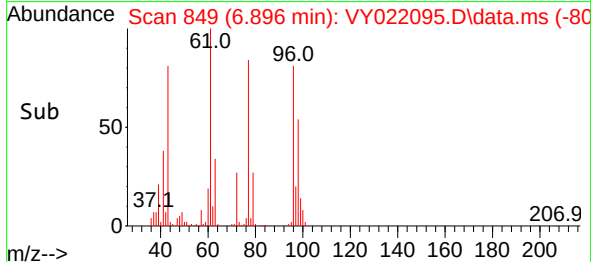
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



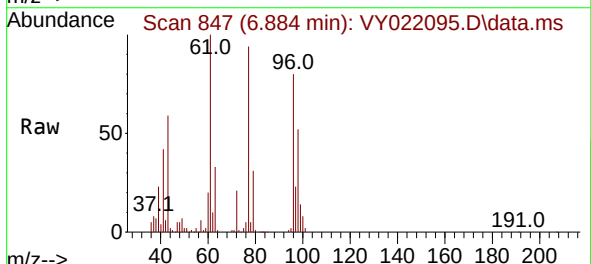
Tgt Ion: 43 Resp: 149979
Ion Ratio Lower Upper
43 100
72 33.6 27.0 40.4

Manual Integrations
APPROVED

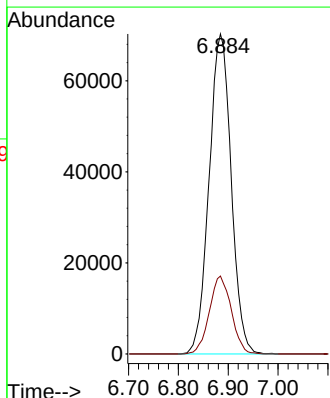
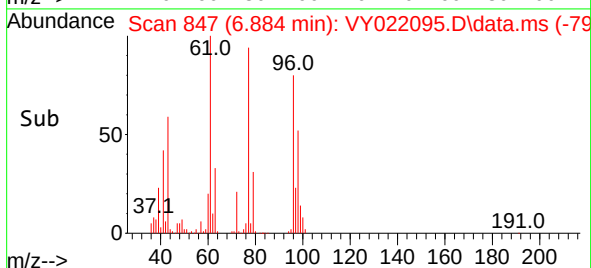
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

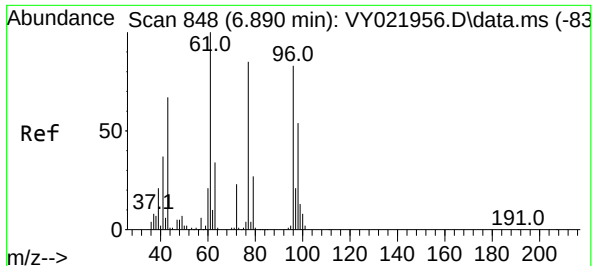


#26
2,2-Dichloropropane
Concen: 46.061 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



Tgt Ion: 77 Resp: 216277
Ion Ratio Lower Upper
77 100
97 24.2 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 45.794 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

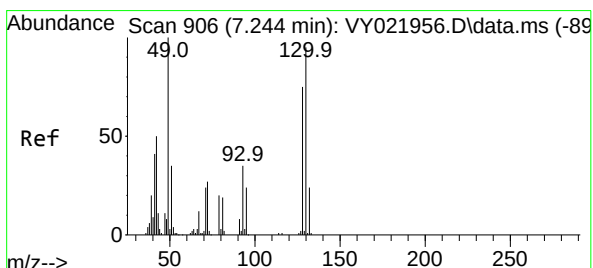
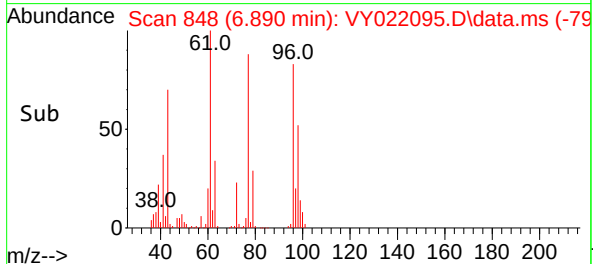
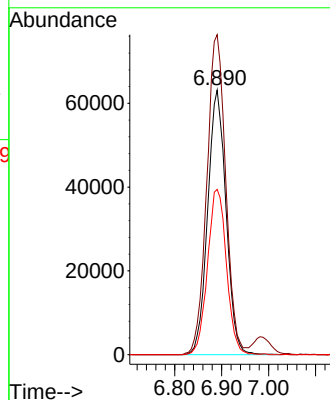
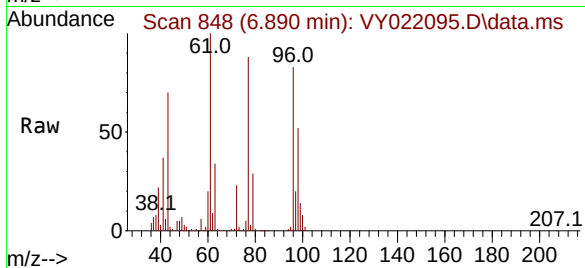
VSTDCCC050

Tgt Ion:	96	Resp:	17104
Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	251.4
98	64.4	0.0	128.4

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 49.056 ug/l

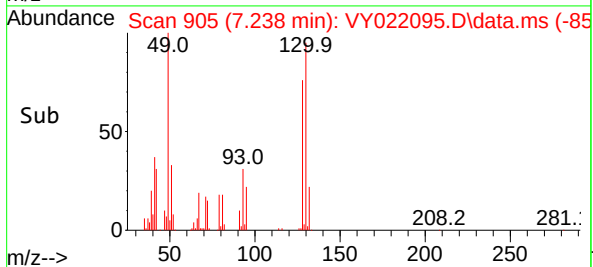
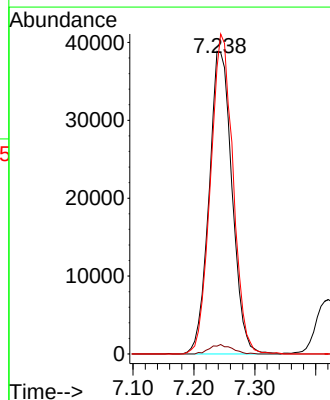
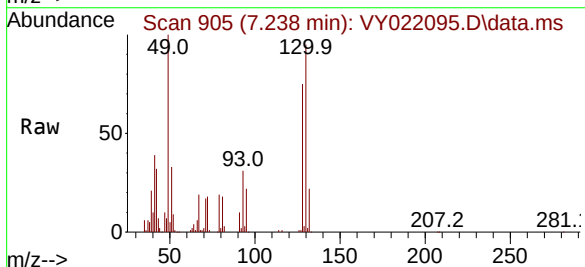
RT: 7.238 min Scan# 905

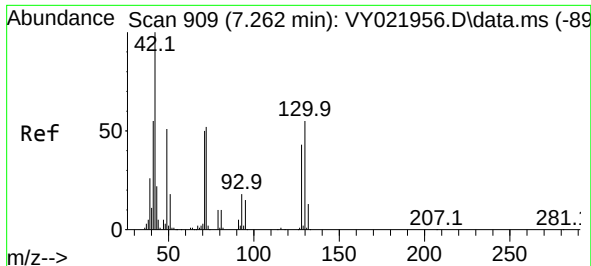
Delta R.T. -0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Tgt Ion:	49	Resp:	102077
Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	103.3	78.2	117.4





#29

Tetrahydrofuran

Concen: 245.385 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 100678

Ion Ratio Lower Upper

42 100

72 55.1 42.6 63.8

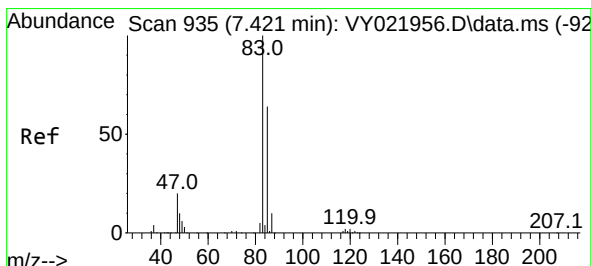
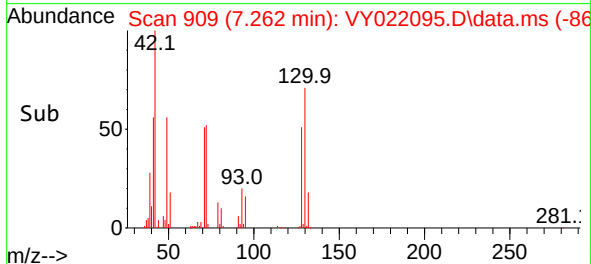
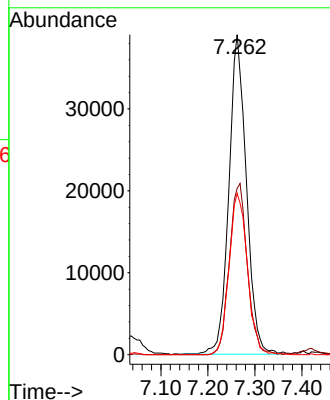
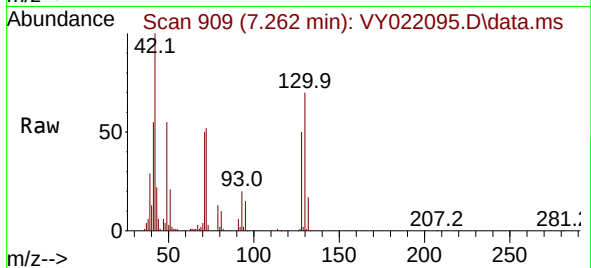
71 53.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#30

Chloroform

Concen: 46.403 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022095.D

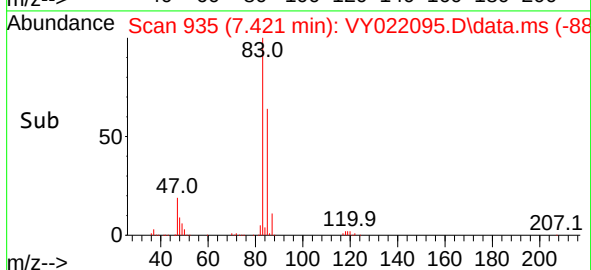
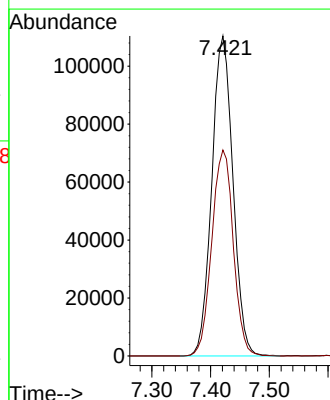
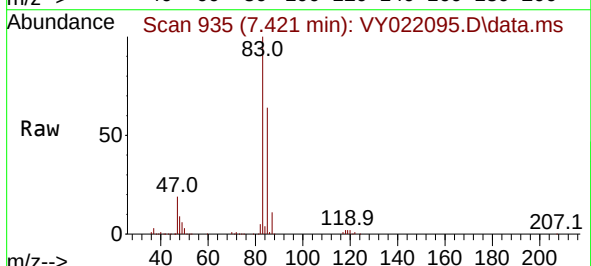
Acq: 01 May 2025 08:50

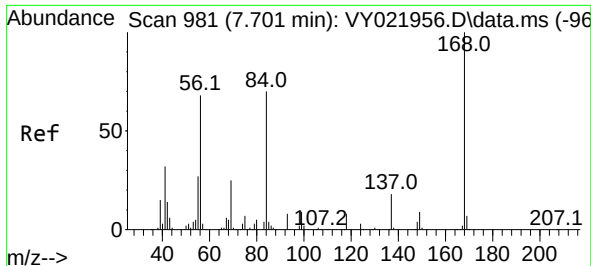
Tgt Ion: 83 Resp: 275742

Ion Ratio Lower Upper

83 100

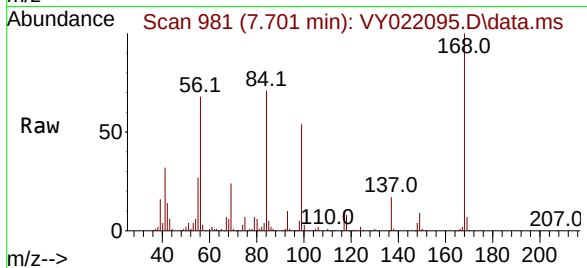
85 64.3 51.3 76.9





#31
Cyclohexane
Concen: 43.571 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

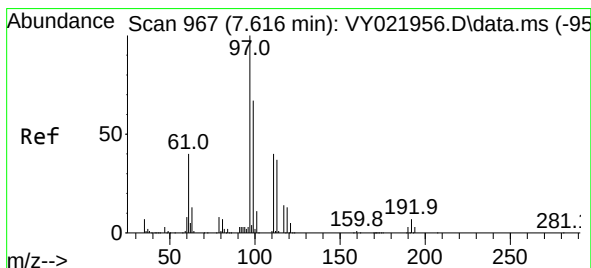
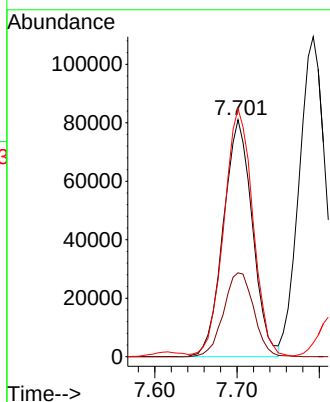
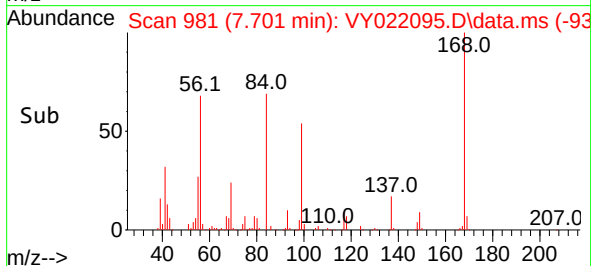
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



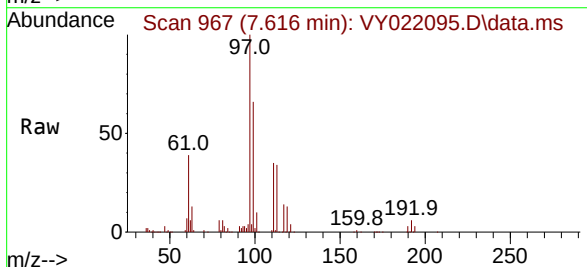
Tgt Ion: 56 Resp: 199607
Ion Ratio Lower Upper
56 100
69 35.4 29.4 44.2
84 103.2 82.2 123.4

Manual Integrations
APPROVED

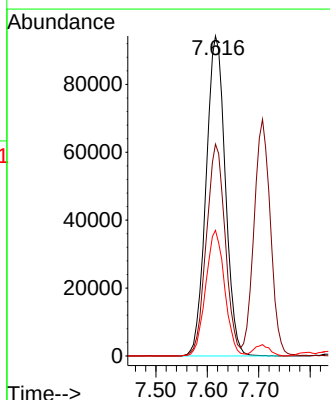
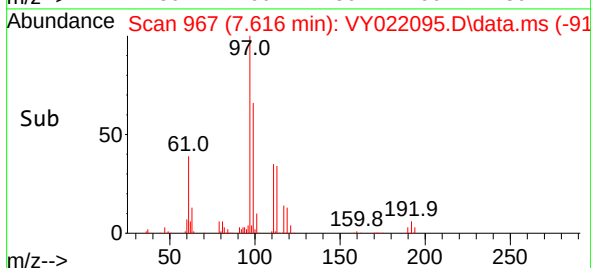
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

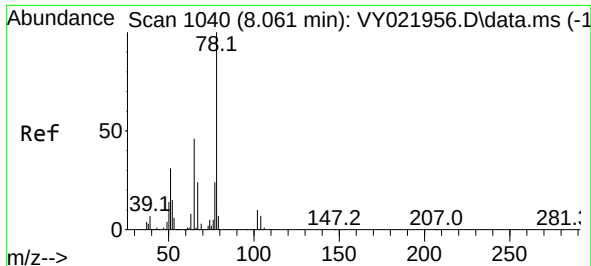


#32
1,1,1-Trichloroethane
Concen: 45.518 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



Tgt Ion: 97 Resp: 244709
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 38.8 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 46.711 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 129452

Ion Ratio Lower Upper

65 100

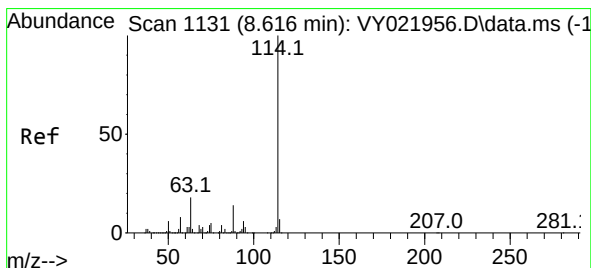
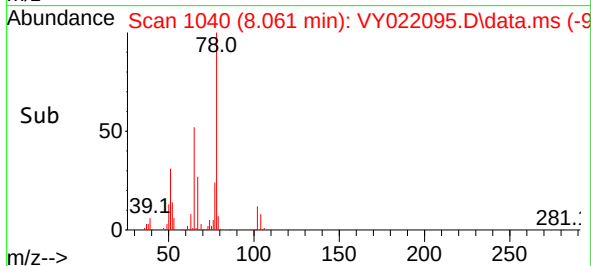
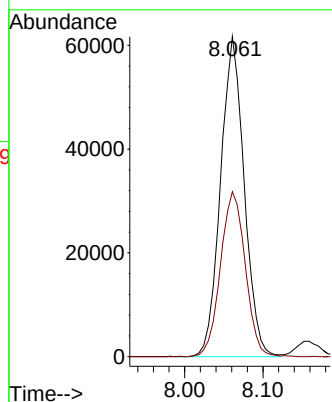
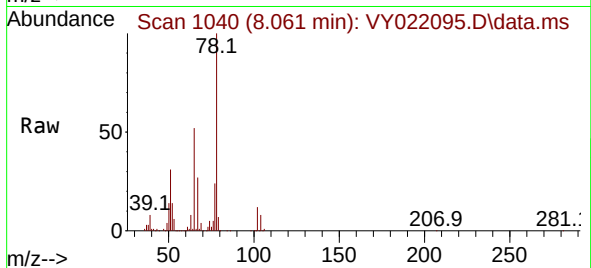
67 54.0 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

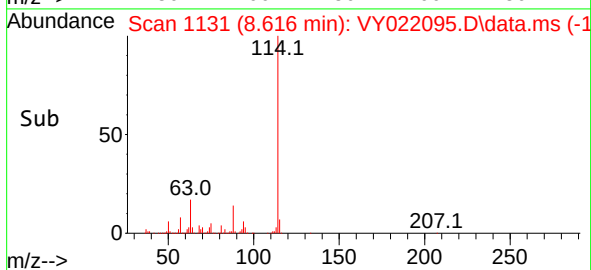
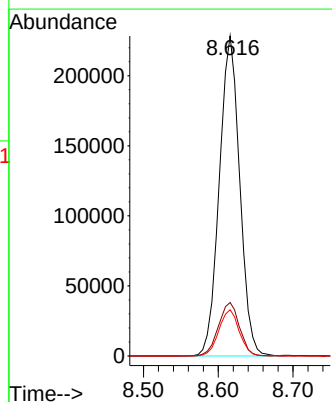
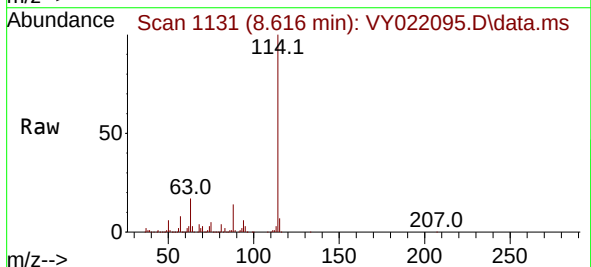
Tgt Ion:114 Resp: 433614

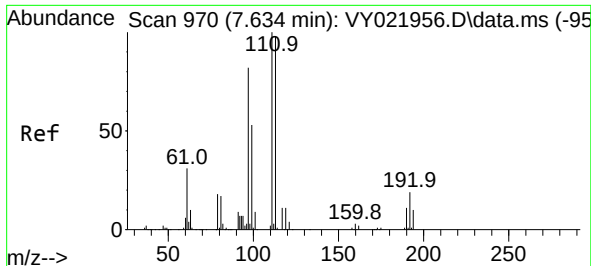
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.4

88 14.5 0.0 28.2





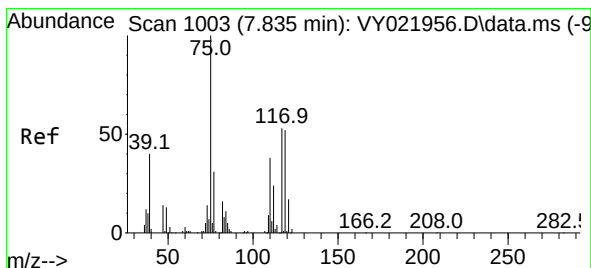
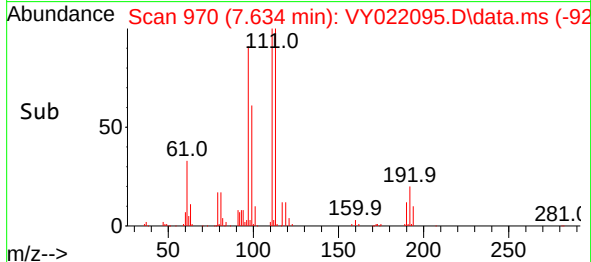
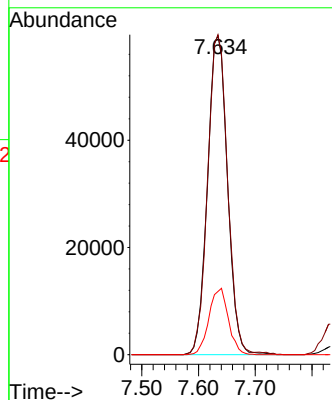
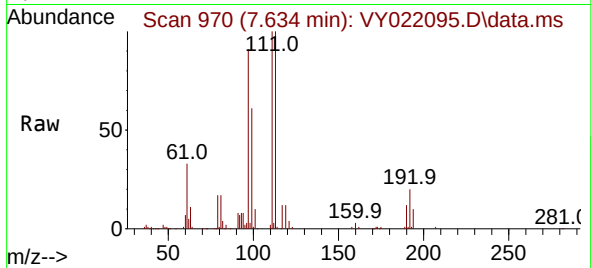
#35
Dibromofluoromethane
Concen: 50.745 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 145369
Ion Ratio Lower Upper
113 100
111 100.2 81.8 122.8
192 20.2 15.6 23.4

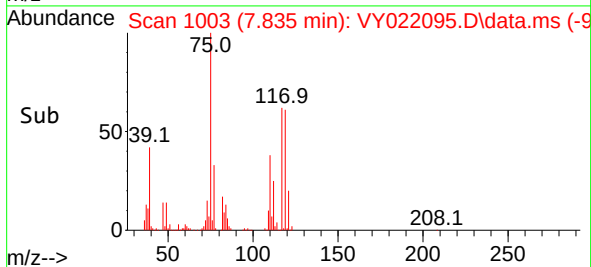
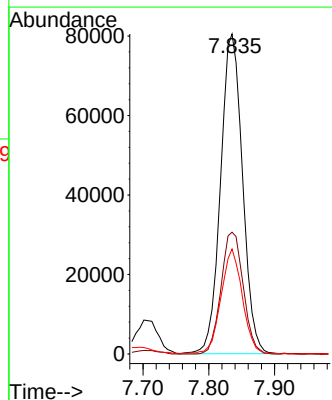
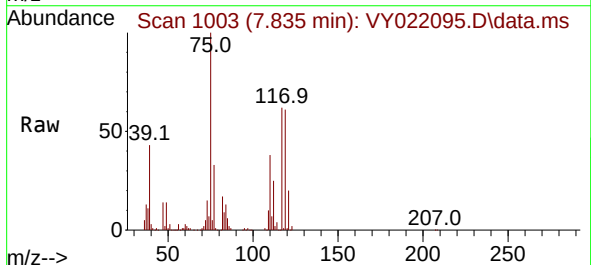
Manual Integrations
APPROVED

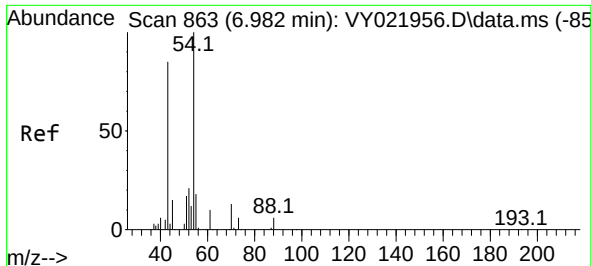
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#36
1,1-Dichloropropene
Concen: 48.590 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 186977
Ion Ratio Lower Upper
75 100
110 38.5 19.1 57.3
77 32.0 25.5 38.3





#37

Ethyl Acetate

Concen: 51.230 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

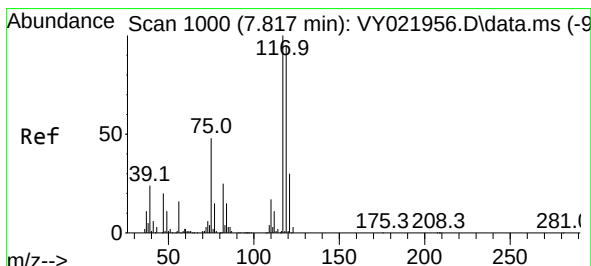
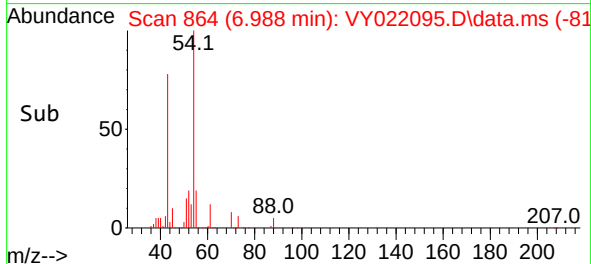
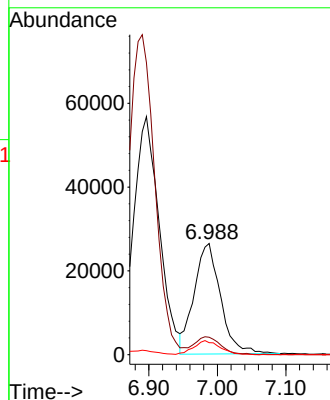
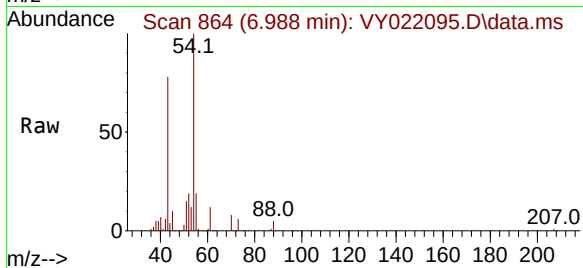
VSTDCCC050

Tgt Ion: 43	Resp: 7080
Ion Ratio	Lower Upper
43 100	
61 15.6	13.8 20.6
70 12.5	9.2 13.8

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 49.824 ug/l

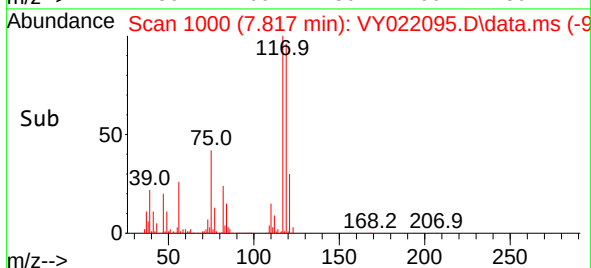
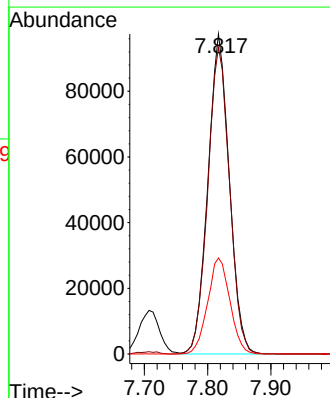
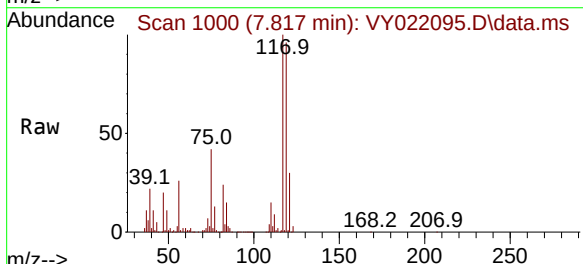
RT: 7.817 min Scan# 1000

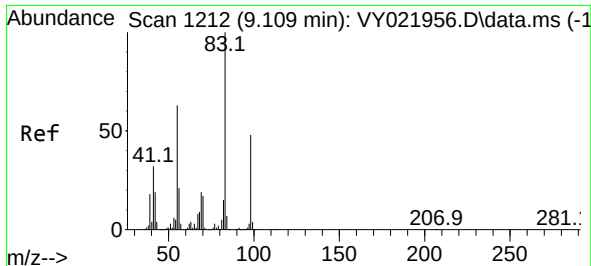
Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

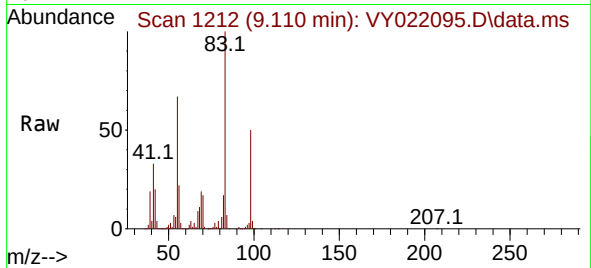
Tgt Ion:117	Resp: 229097
Ion Ratio	Lower Upper
117 100	
119 95.8	76.2 114.4
121 30.0	24.0 36.0





#39
Methylcyclohexane
Concen: 49.231 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

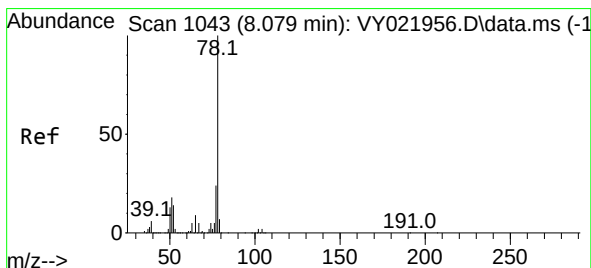
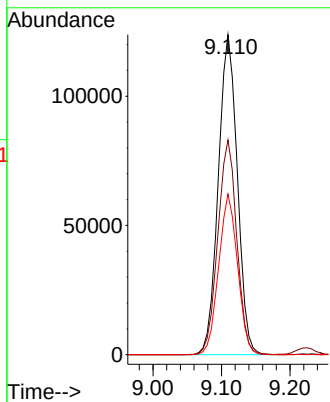
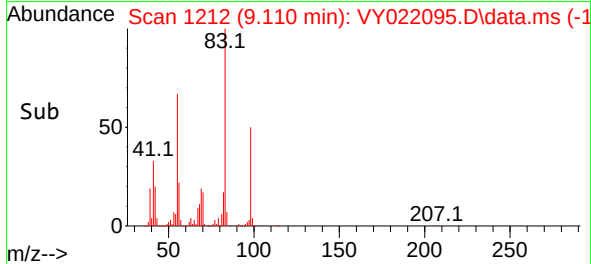
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 238404
Ion Ratio Lower Upper
83 100
55 67.1 50.6 75.8
98 50.2 38.6 58.0

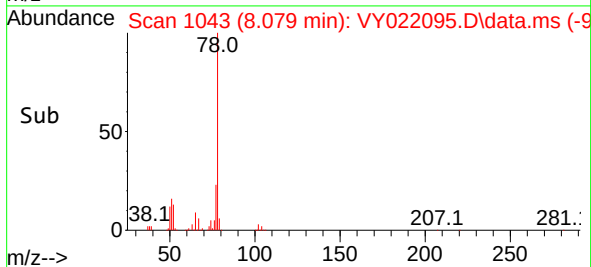
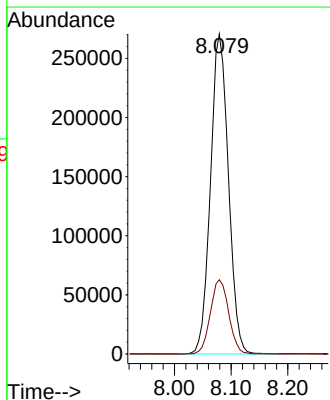
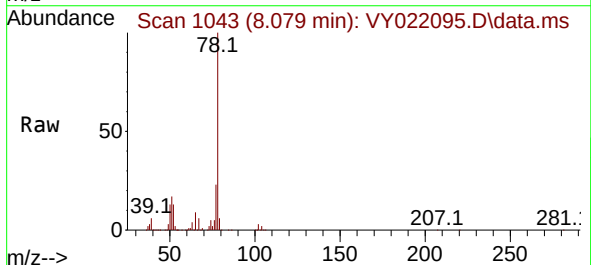
Manual Integrations
APPROVED

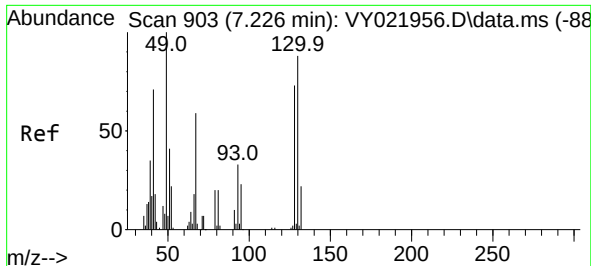
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#40
Benzene
Concen: 49.378 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

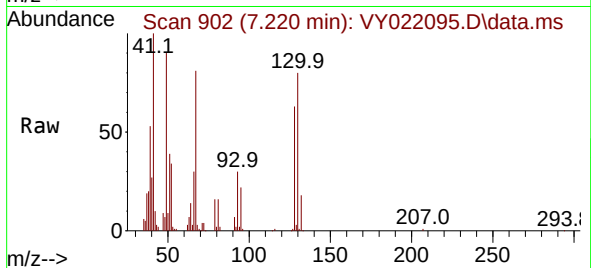
Tgt Ion: 78 Resp: 593961
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 45.180 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

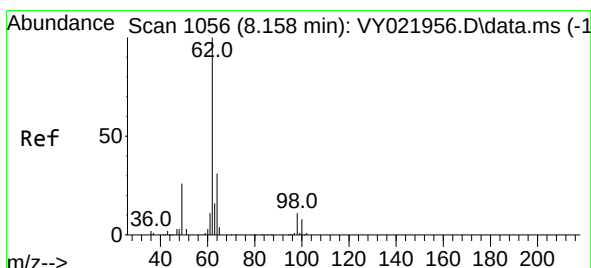
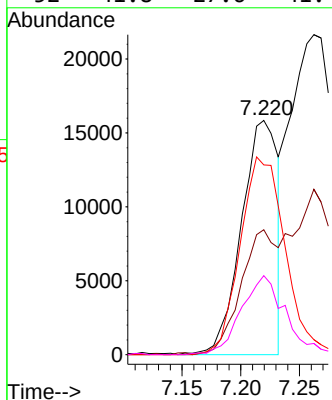
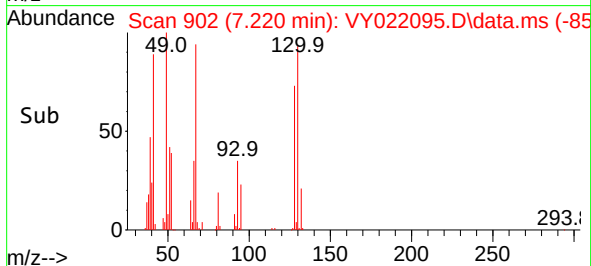
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 3413
Ion Ratio Lower Upper
41 100
39 53.5 36.6 55.0
67 105.7 72.2 108.4
52 41.8 27.6 41.4#

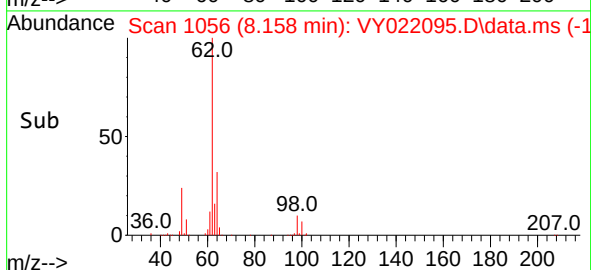
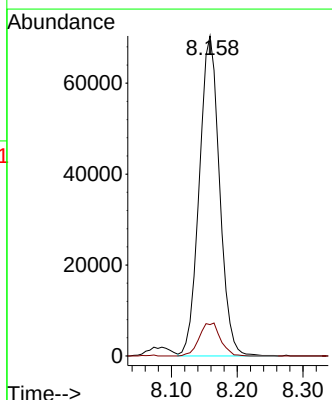
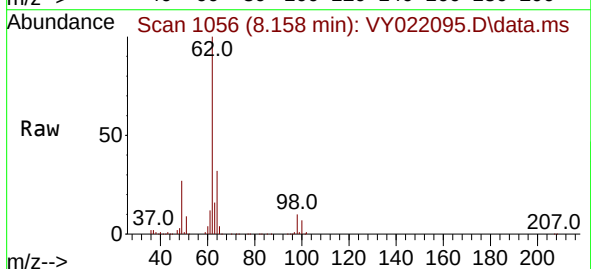
Manual Integrations
APPROVED

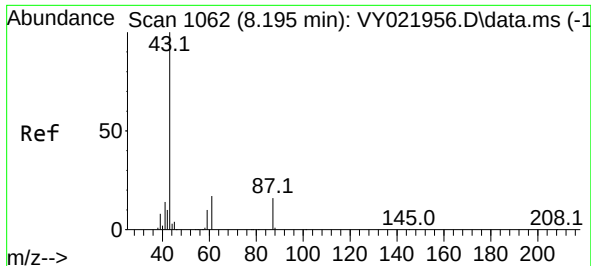
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#42
1,2-Dichloroethane
Concen: 50.652 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

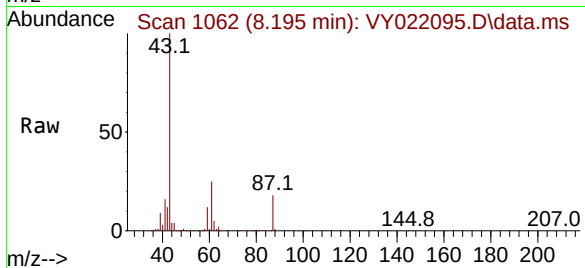
Tgt Ion: 62 Resp: 150849
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0





#43
Isopropyl Acetate
Concen: 49.331 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

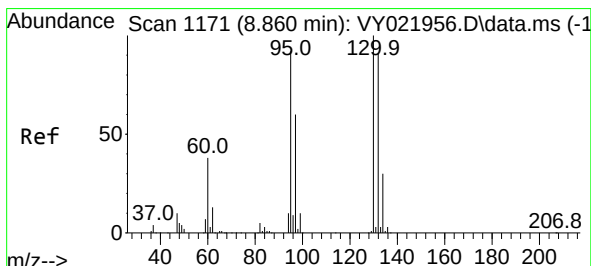
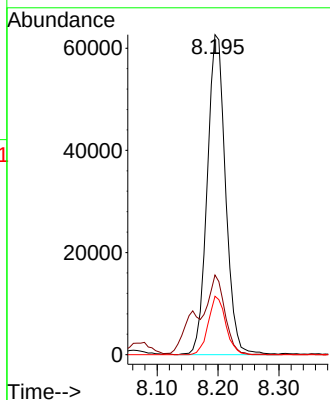
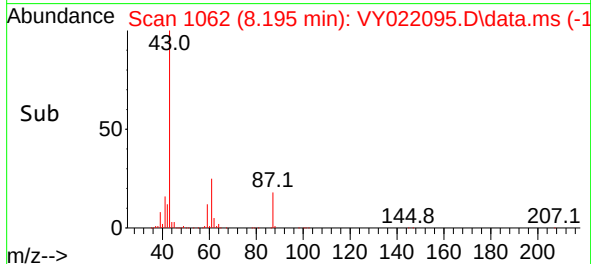
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 13092
Ion Ratio Lower Upper
43 100
61 23.9 18.9 28.3
87 17.4 13.7 20.5

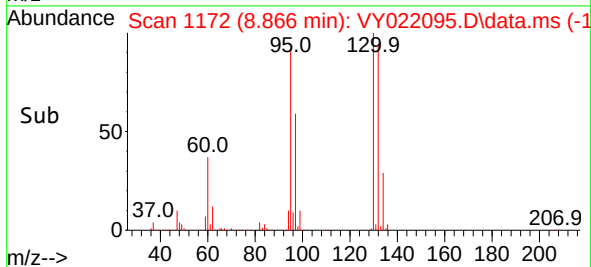
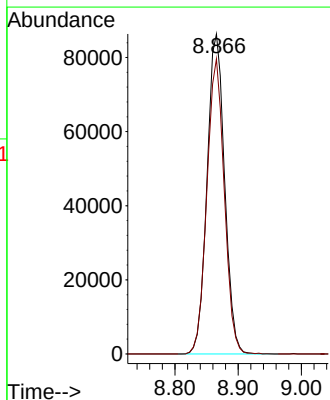
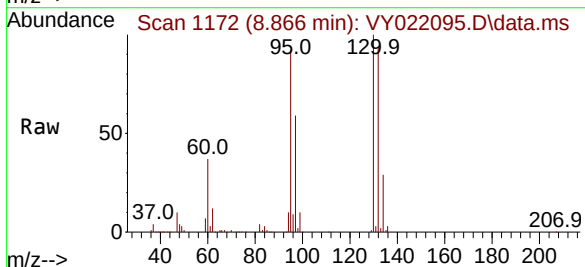
Manual Integrations
APPROVED

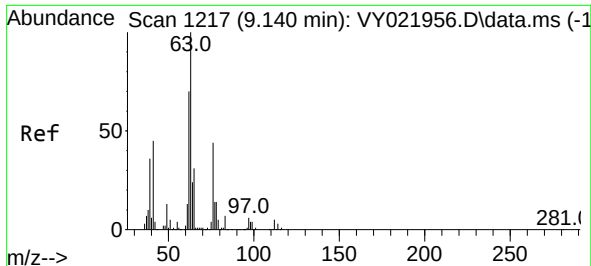
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#44
Trichloroethene
Concen: 50.105 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:130 Resp: 166940
Ion Ratio Lower Upper
130 100
95 92.2 0.0 183.2





#45

1,2-Dichloropropane

Concen: 49.528 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 131749

Ion Ratio Lower Upper

63 100

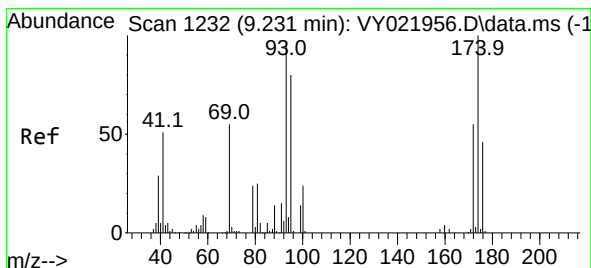
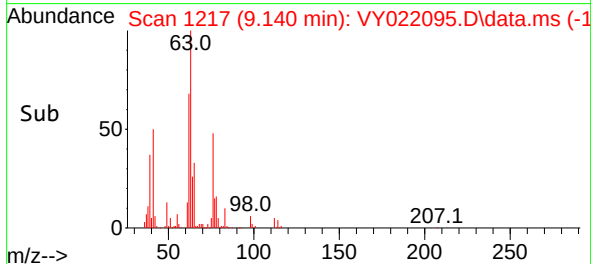
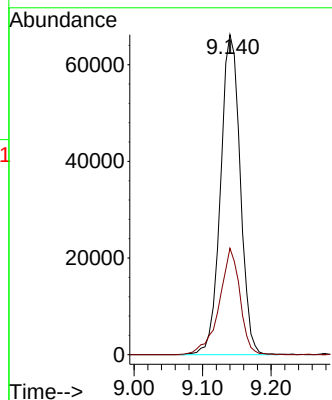
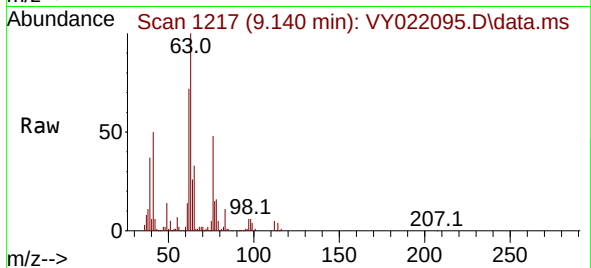
65 33.2 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#46

Dibromomethane

Concen: 51.032 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

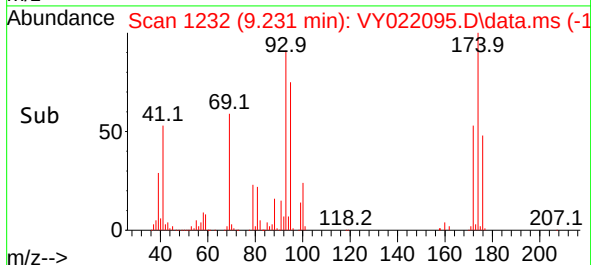
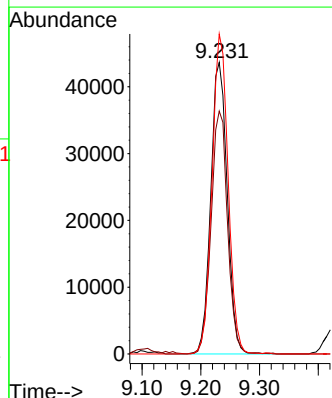
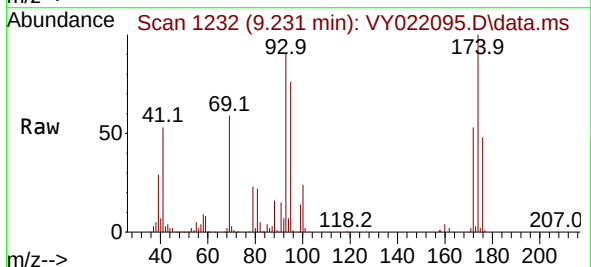
Tgt Ion: 93 Resp: 84979

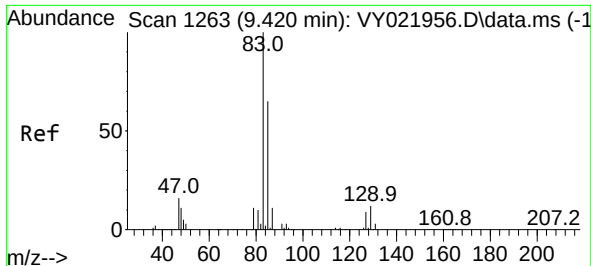
Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

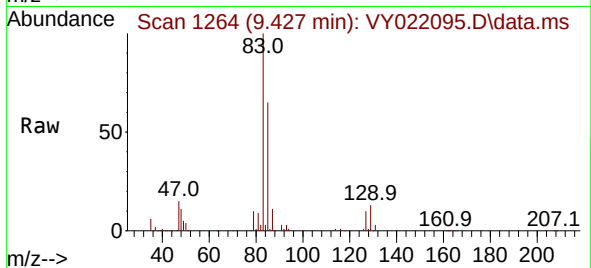
174 107.2 84.6 127.0





#47
Bromodichloromethane
Concen: 50.411 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

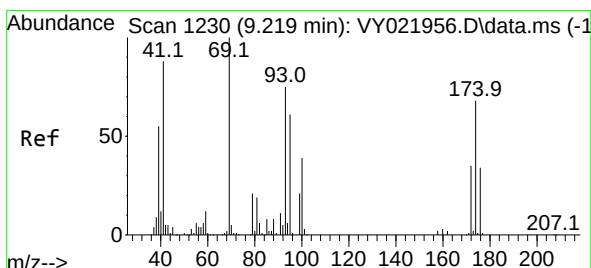
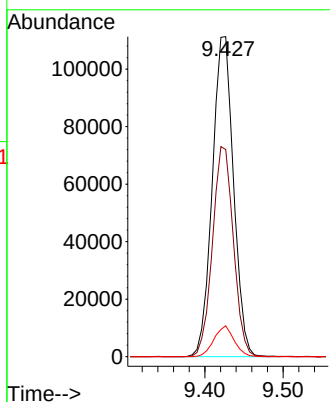
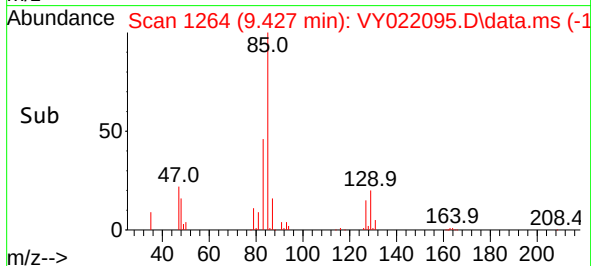
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 209708
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8
127 9.7 7.0 10.6

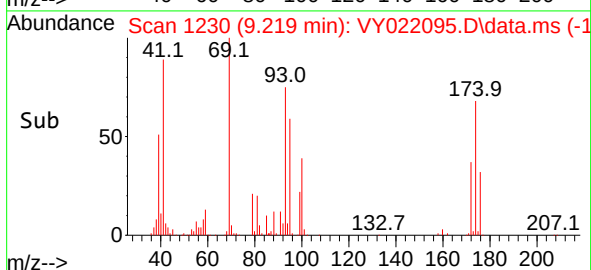
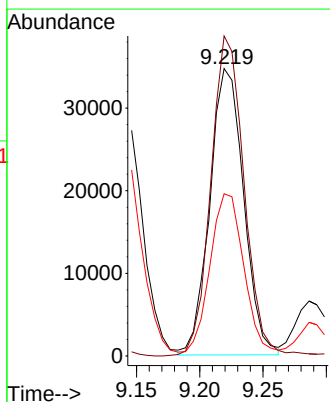
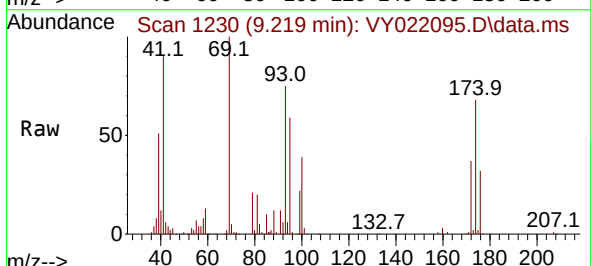
Manual Integrations
APPROVED

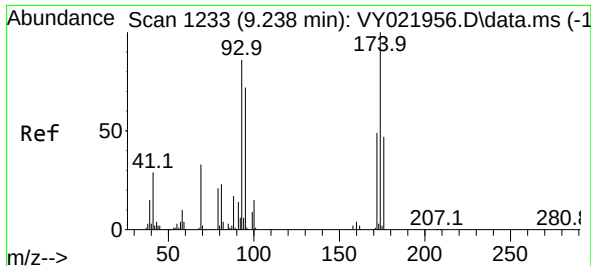
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#48
Methyl methacrylate
Concen: 52.563 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

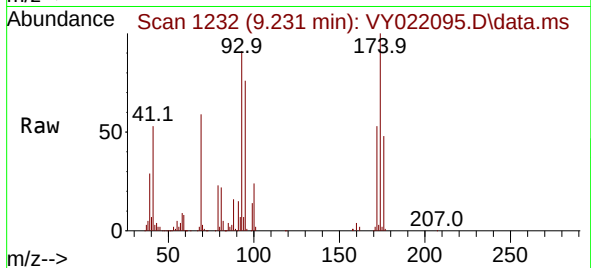
Tgt Ion: 41 Resp: 64491
Ion Ratio Lower Upper
41 100
69 109.9 85.5 128.3
39 54.7 46.2 69.4





#49
1,4-Dioxane
Concen: 1098.297 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

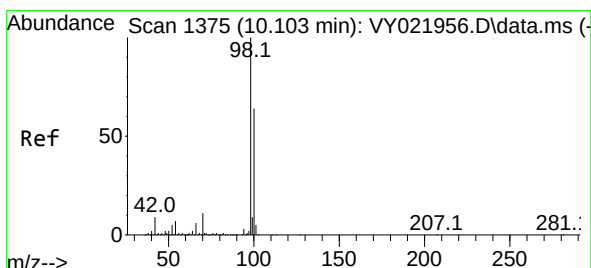
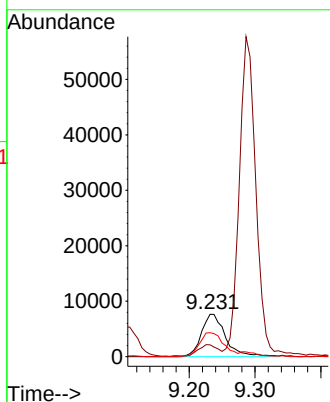
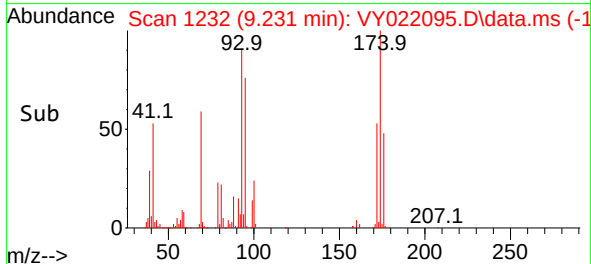
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



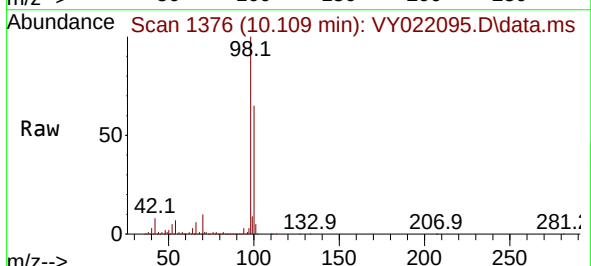
Tgt Ion: 88 Resp: 1949
Ion Ratio Lower Upper
88 100
43 21.4 21.3 31.9
58 56.4 50.5 75.7

Manual Integrations
APPROVED

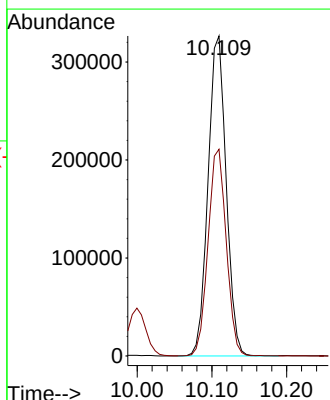
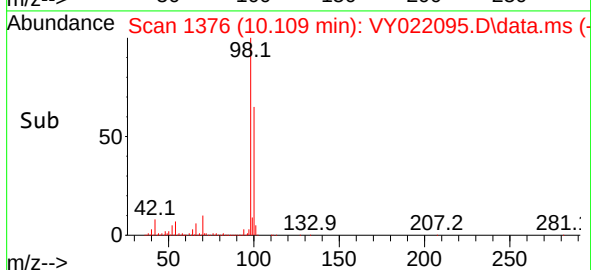
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

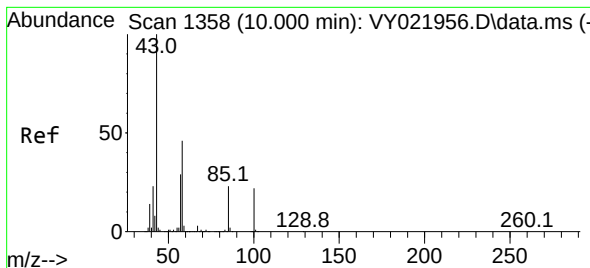


#50
Toluene-d8
Concen: 50.988 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



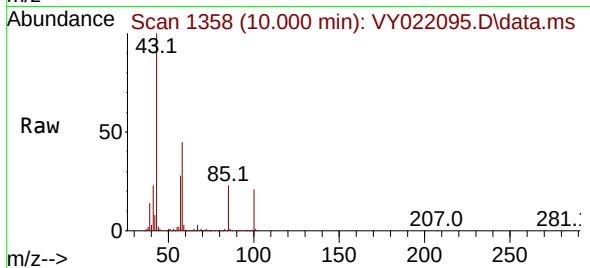
Tgt Ion: 98 Resp: 550662
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4





#51
4-Methyl-2-Pentanone
Concen: 274.117 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

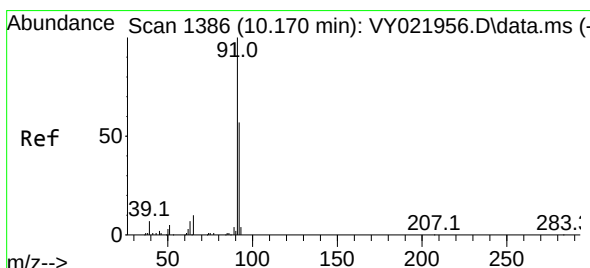
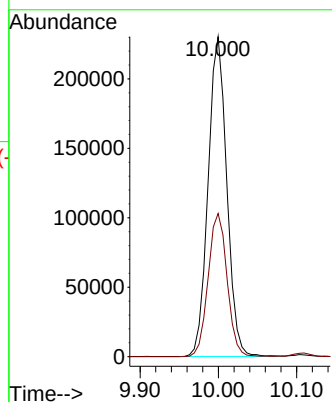
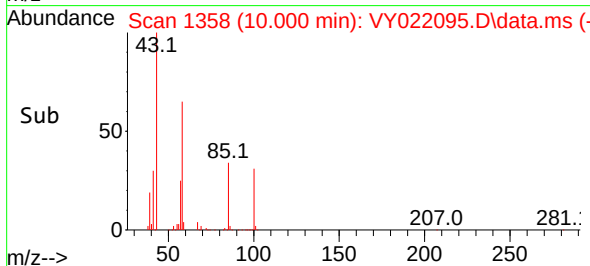
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



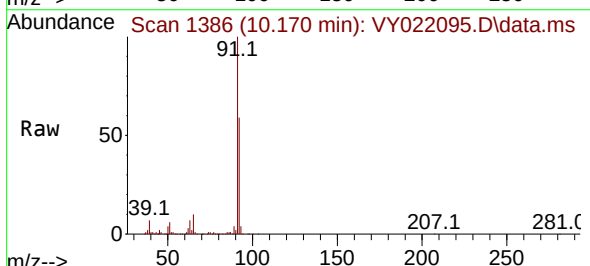
Tgt Ion: 43 Resp: 381378
Ion Ratio Lower Upper
43 100
58 45.5 36.6 55.0

Manual Integrations
APPROVED

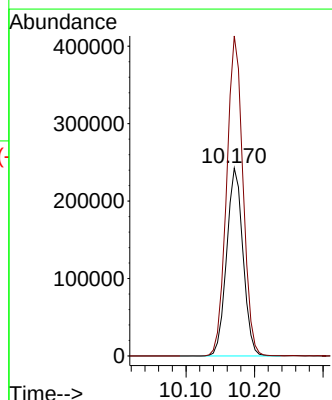
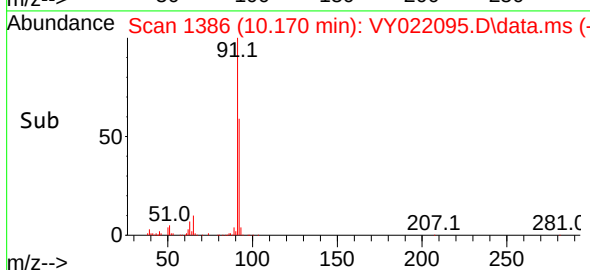
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

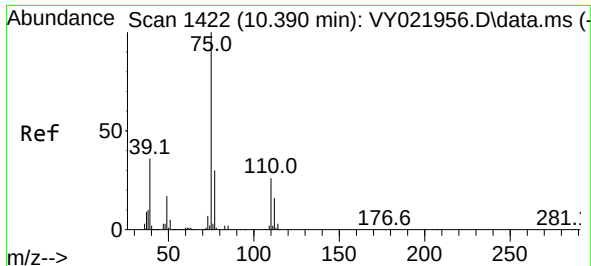


#52
Toluene
Concen: 51.517 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



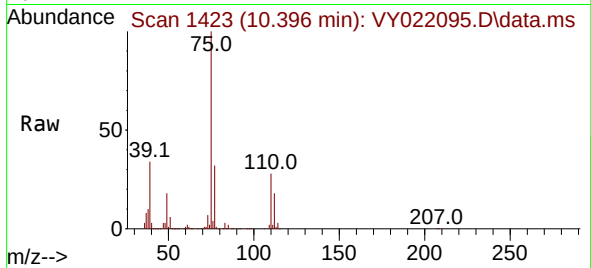
Tgt Ion: 92 Resp: 401133
Ion Ratio Lower Upper
92 100
91 170.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 50.528 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

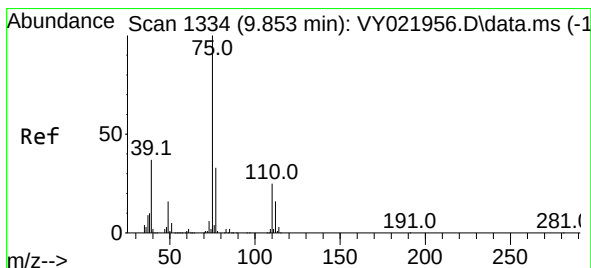
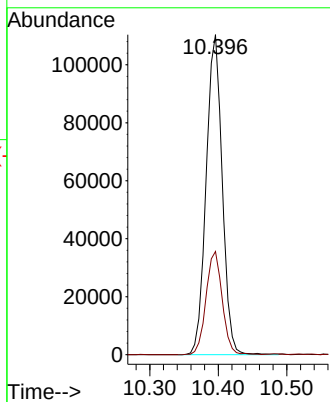
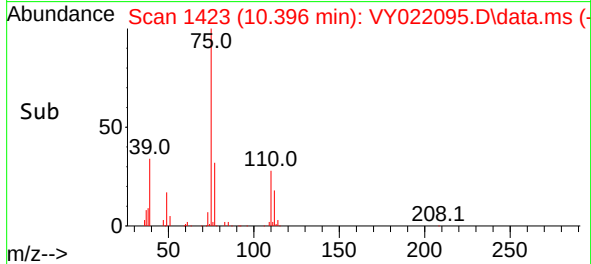
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 180292
Ion Ratio Lower Upper
75 100
77 32.2 24.0 36.0

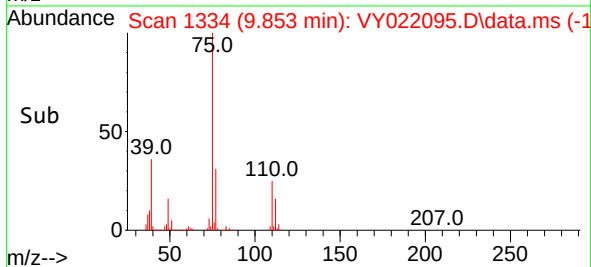
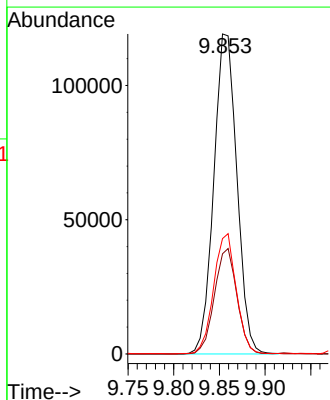
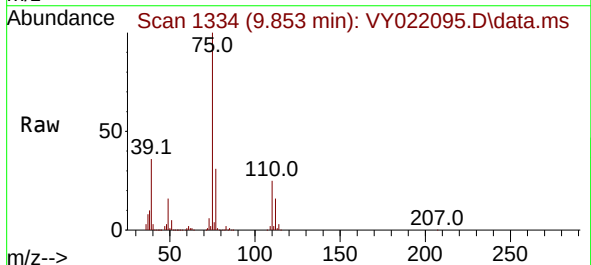
Manual Integrations
APPROVED

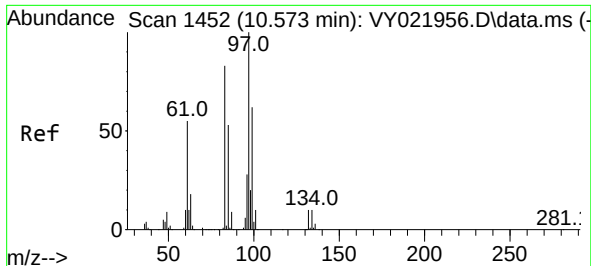
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#54
cis-1,3-Dichloropropene
Concen: 49.447 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

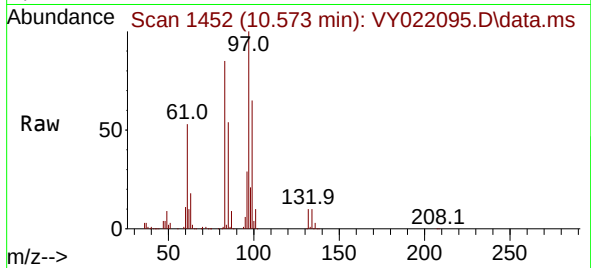
Tgt Ion: 75 Resp: 209730
Ion Ratio Lower Upper
75 100
77 31.3 26.6 40.0
39 35.9 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 52.135 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

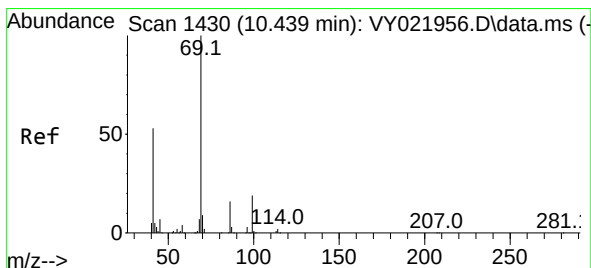
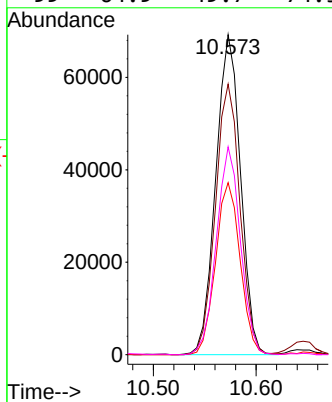
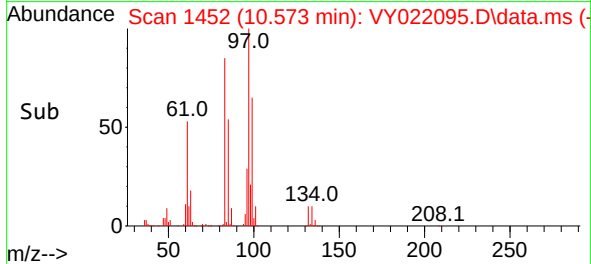
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



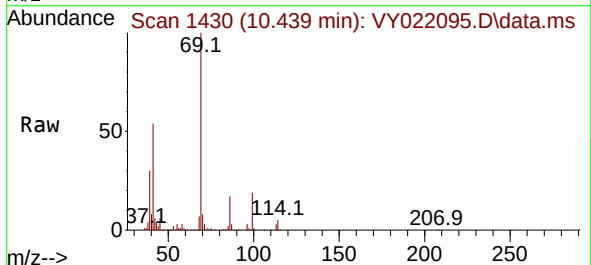
Tgt Ion: 97 Resp: 115960
Ion Ratio Lower Upper
97 100
83 84.6 66.7 100.1
85 53.7 42.6 64.0
99 64.9 49.7 74.5

Manual Integrations
APPROVED

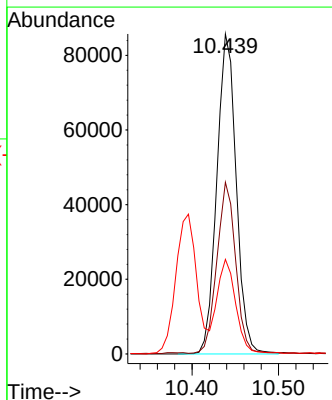
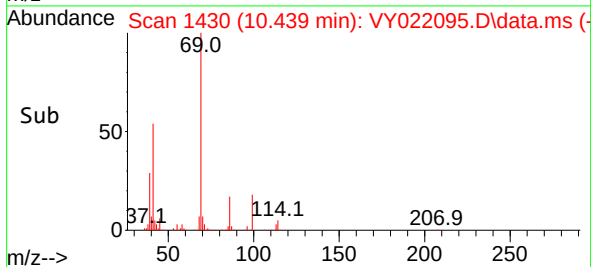
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

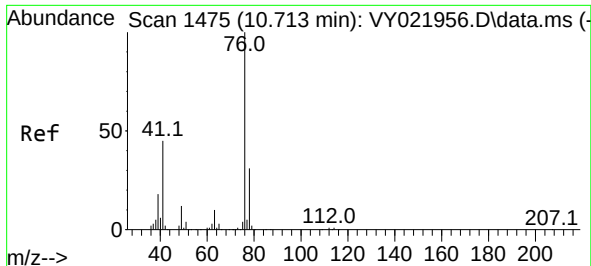


#56
Ethyl methacrylate
Concen: 52.343 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



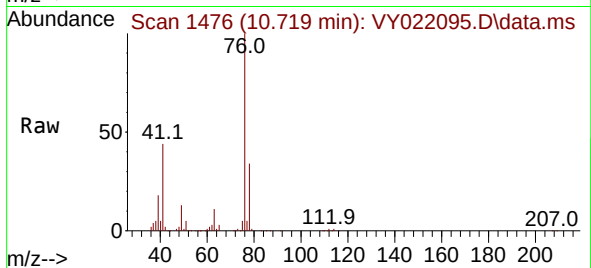
Tgt Ion: 69 Resp: 133143
Ion Ratio Lower Upper
69 100
41 52.0 40.7 61.1
39 27.9 23.3 34.9





#57
1,3-Dichloropropane
Concen: 51.135 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

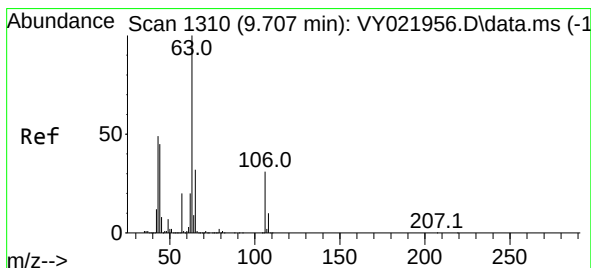
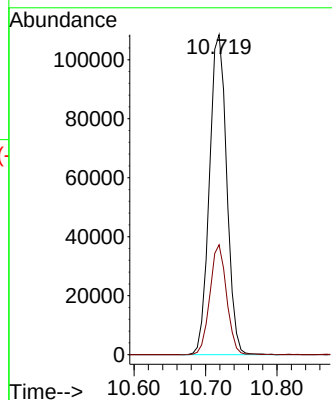
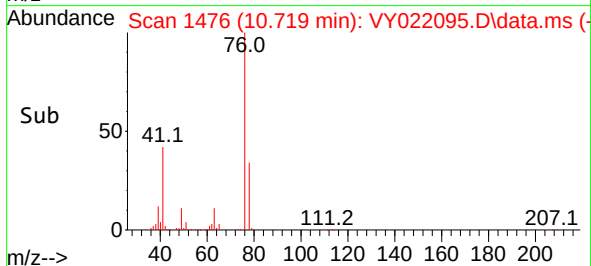
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 18234
Ion Ratio Lower Upper
76 100
78 33.2 26.6 39.8

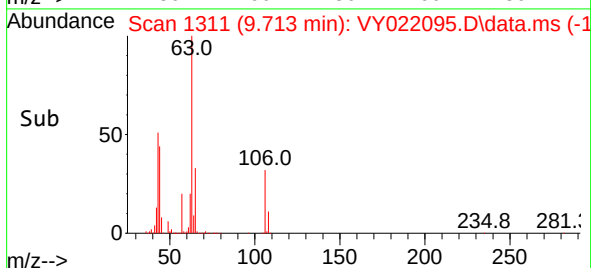
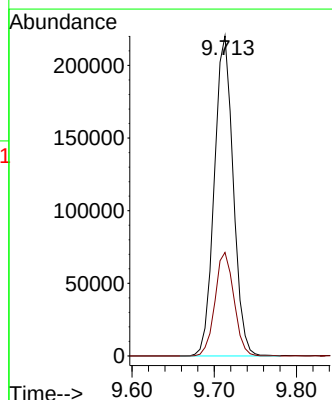
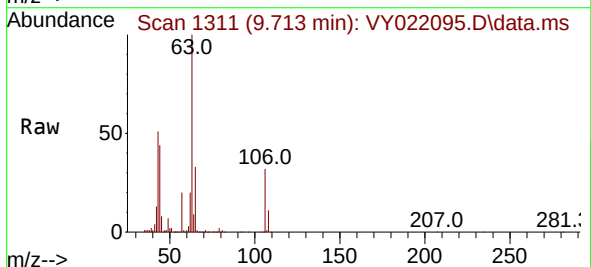
Manual Integrations
APPROVED

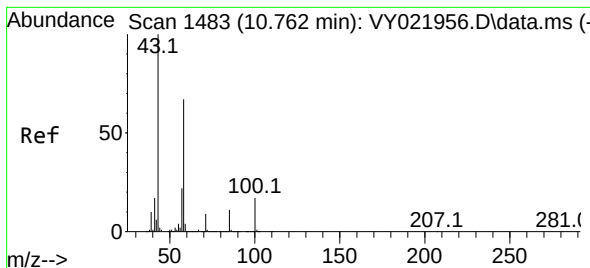
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#58
2-Chloroethyl Vinyl ether
Concen: 282.693 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

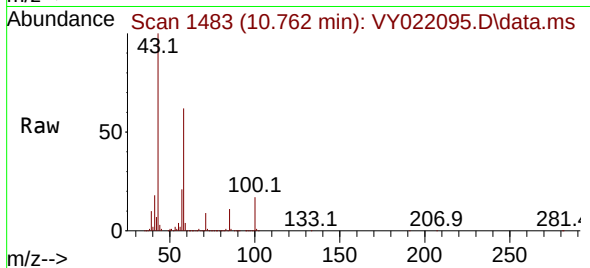
Tgt Ion: 63 Resp: 351579
Ion Ratio Lower Upper
63 100
106 32.4 25.3 37.9





#59
2-Hexanone
Concen: 278.311 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

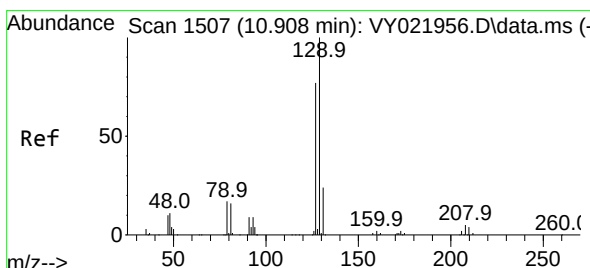
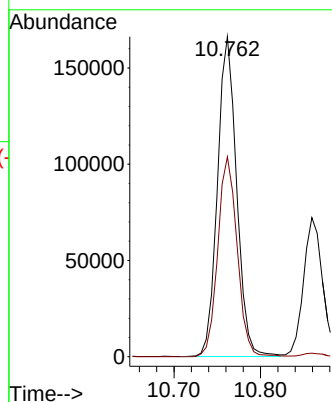
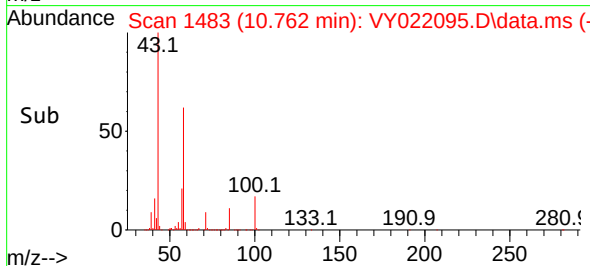
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



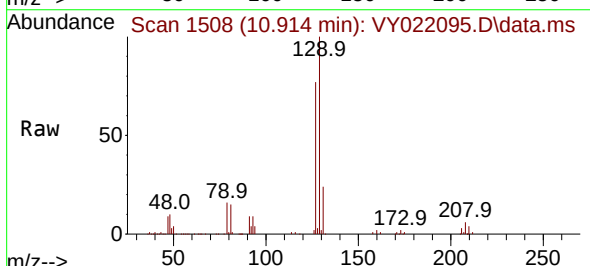
Tgt Ion: 43 Resp: 255399
Ion Ratio Lower Upper
43 100
58 63.3 32.0 96.0

Manual Integrations
APPROVED

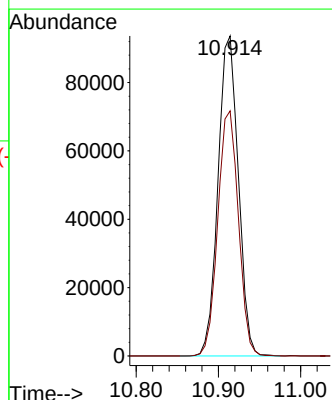
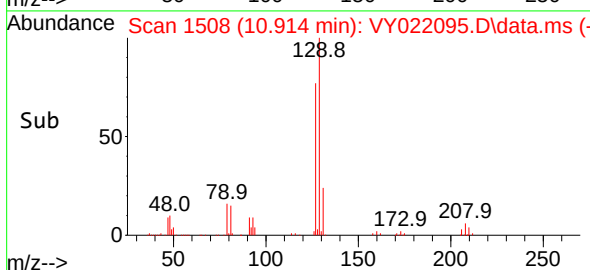
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

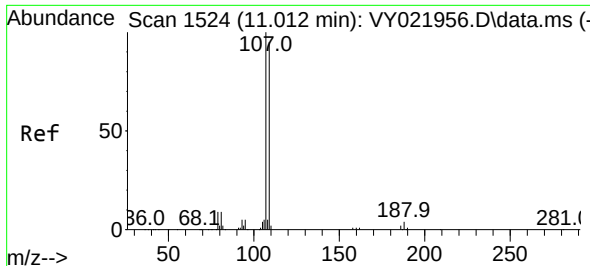


#60
Dibromochloromethane
Concen: 52.183 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



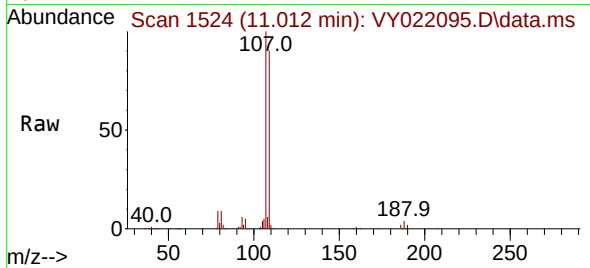
Tgt Ion:129 Resp: 160702
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61
1,2-Dibromoethane
Concen: 51.771 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

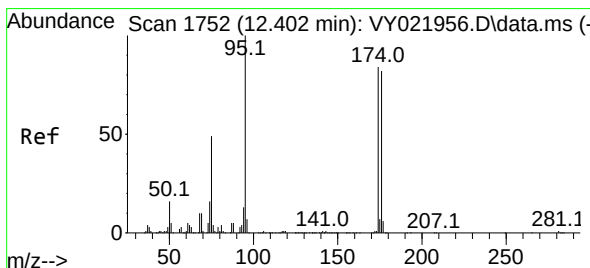
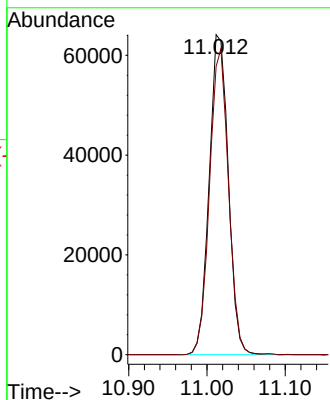
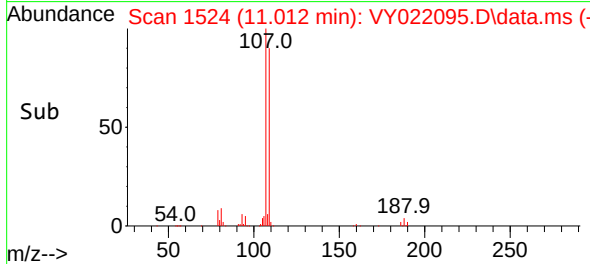
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



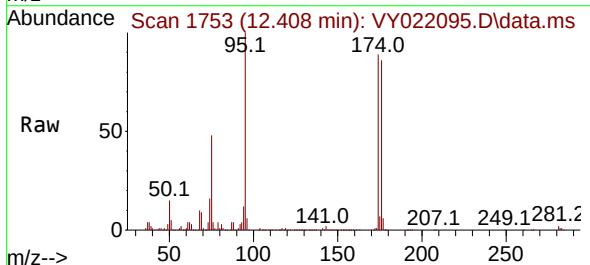
Tgt Ion:107 Resp: 108715
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.8

Manual Integrations
APPROVED

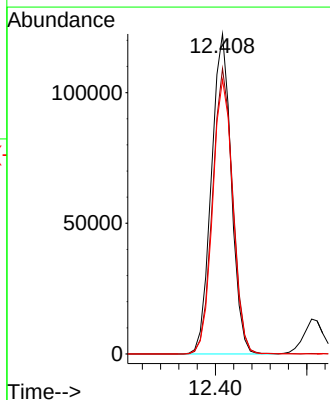
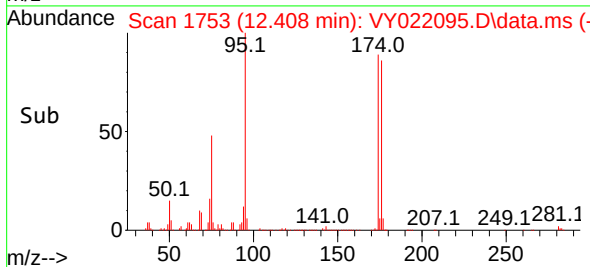
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

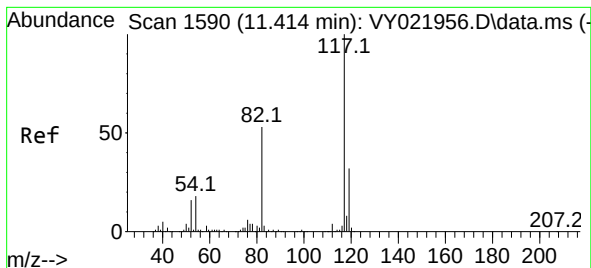


#62
4-Bromofluorobenzene
Concen: 50.971 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



Tgt Ion: 95 Resp: 185315
Ion Ratio Lower Upper
95 100
174 90.7 0.0 179.0
176 87.0 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 410078

Ion Ratio Lower Upper

117 100

82 50.3 42.1 63.1

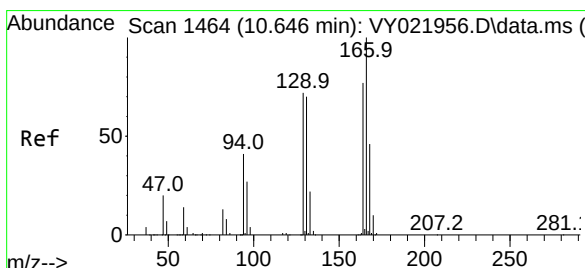
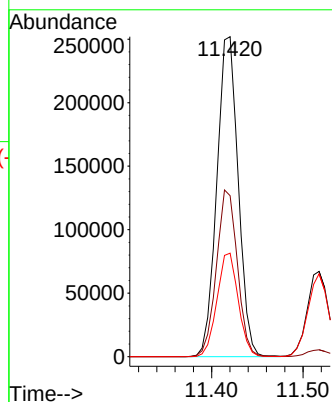
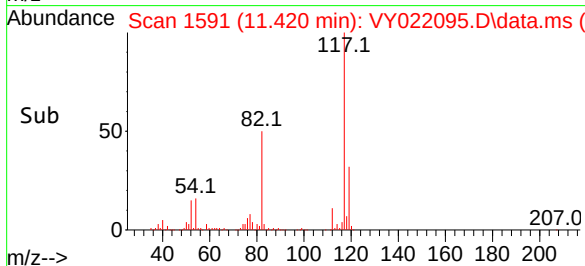
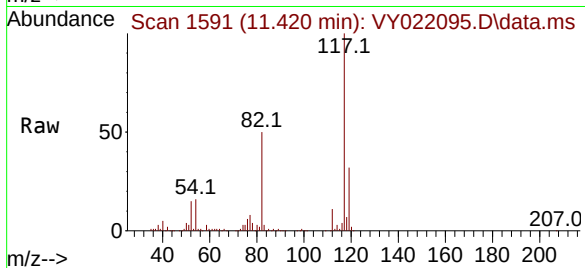
119 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#64

Tetrachloroethene

Concen: 51.010 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Tgt Ion:164 Resp: 197335

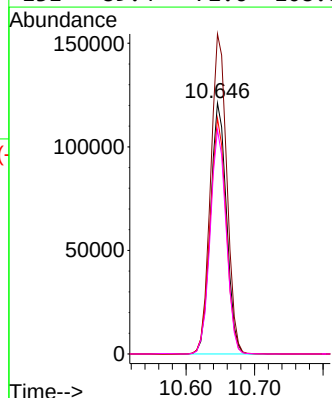
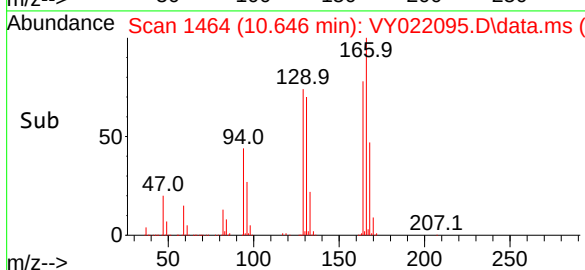
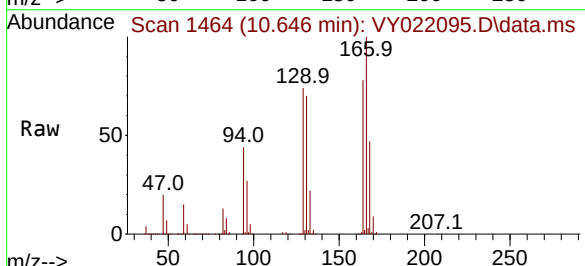
Ion Ratio Lower Upper

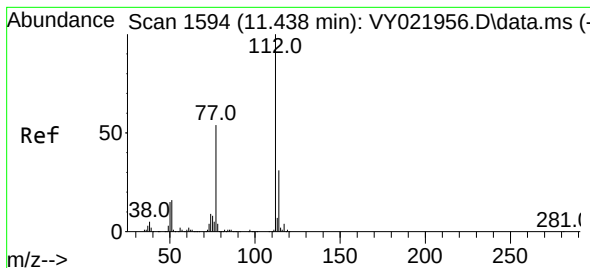
164 100

166 127.6 103.6 155.4

129 94.0 74.2 111.4

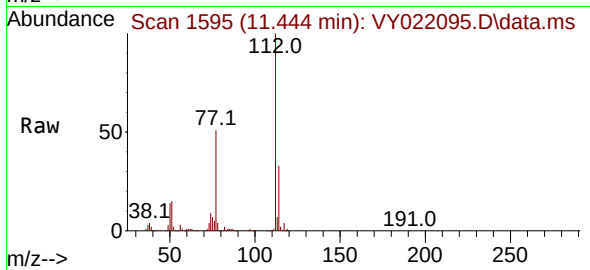
131 89.4 72.6 108.8





#65
Chlorobenzene
Concen: 48.212 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

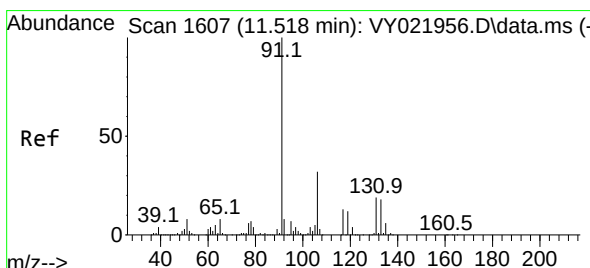
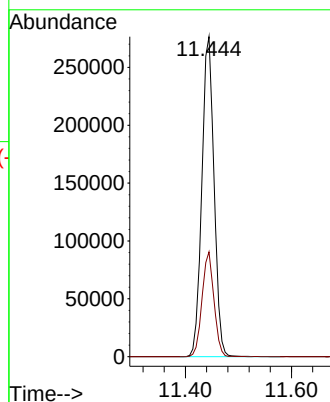
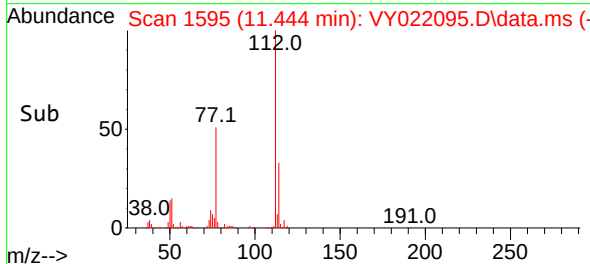
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



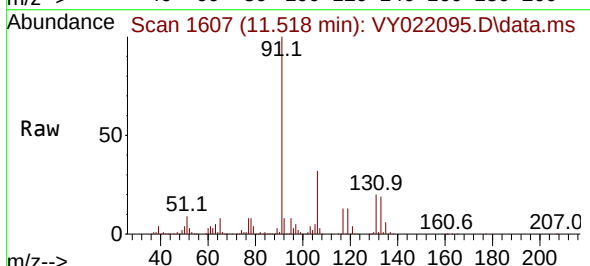
Tgt Ion:112 Resp: 442124
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

Manual Integrations
APPROVED

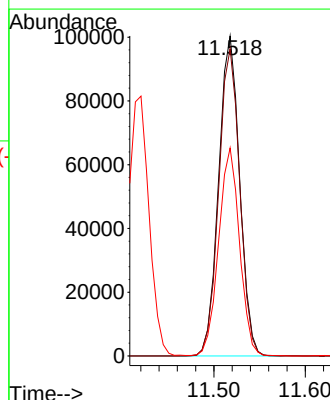
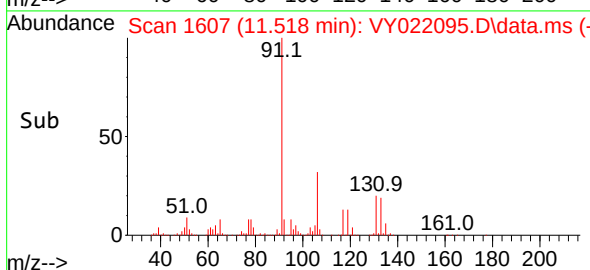
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

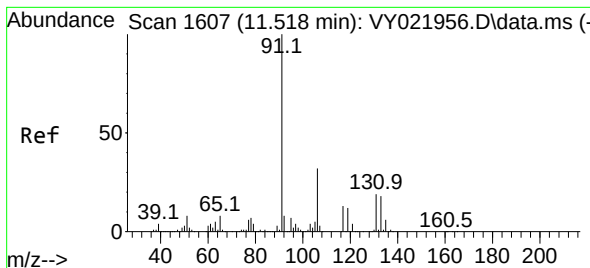


#66
1,1,1,2-Tetrachloroethane
Concen: 49.657 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



Tgt Ion:131 Resp: 160317
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 64.8 32.4 97.0





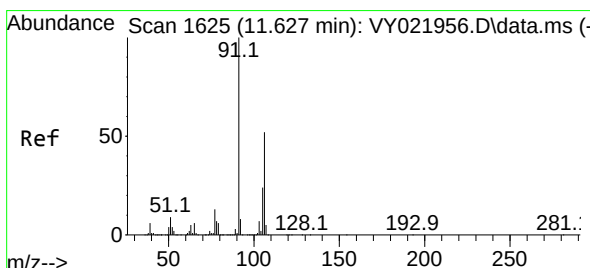
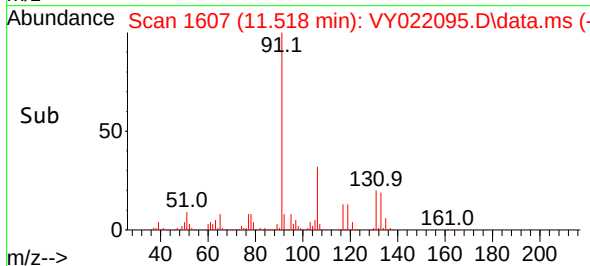
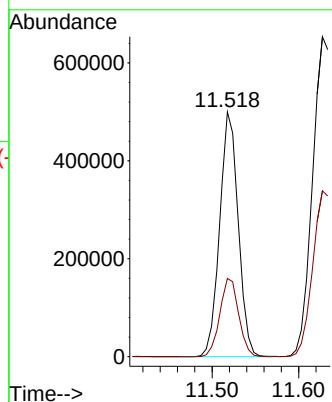
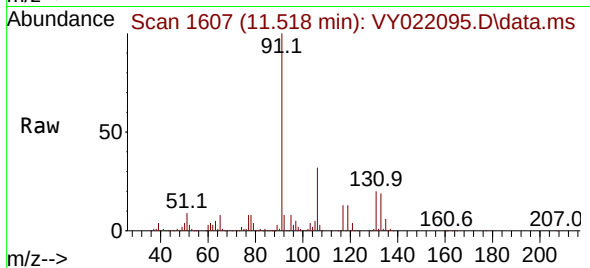
#67
Ethyl Benzene
Concen: 49.517 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 742810
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9

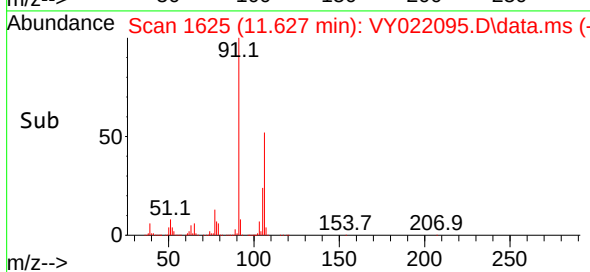
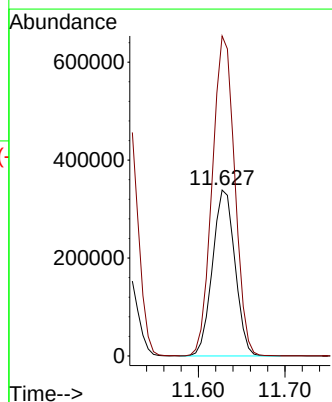
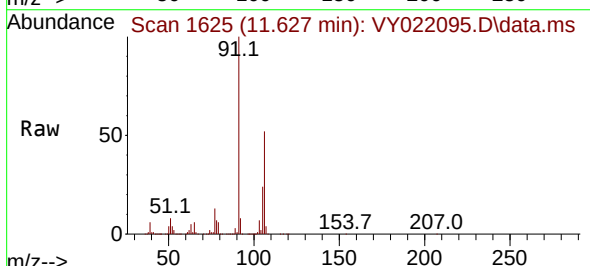
Manual Integrations
APPROVED

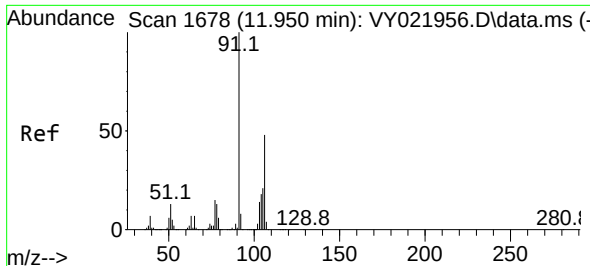
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#68
m/p-Xylenes
Concen: 102.352 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

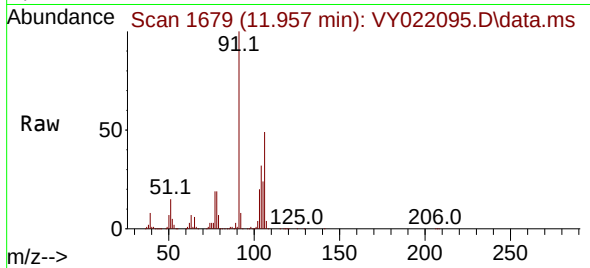
Tgt Ion:106 Resp: 610976
Ion Ratio Lower Upper
106 100
91 193.1 156.2 234.2





#69
o-Xylene
Concen: 50.386 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

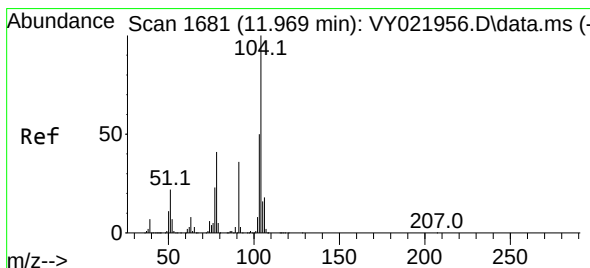
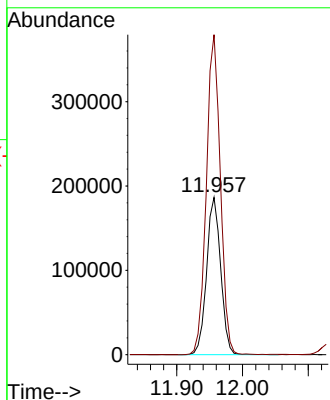
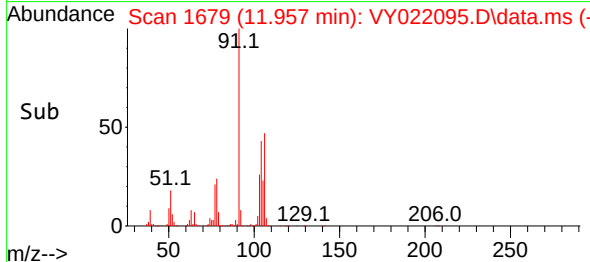
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 277219
Ion Ratio Lower Upper
106 100
91 202.9 103.0 308.9

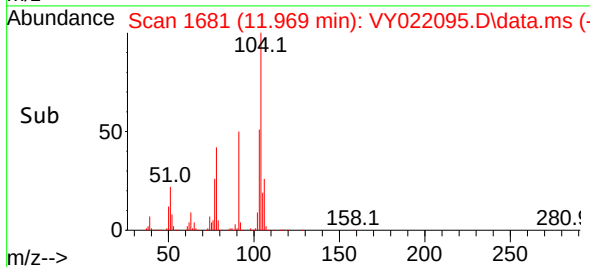
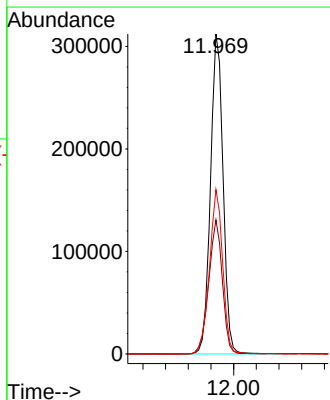
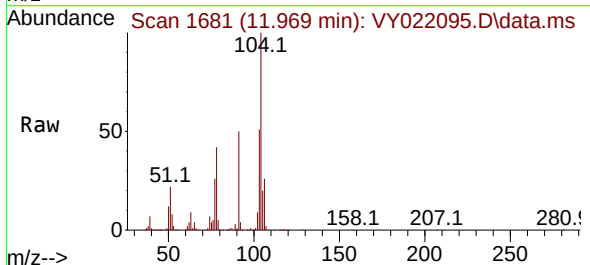
Manual Integrations
APPROVED

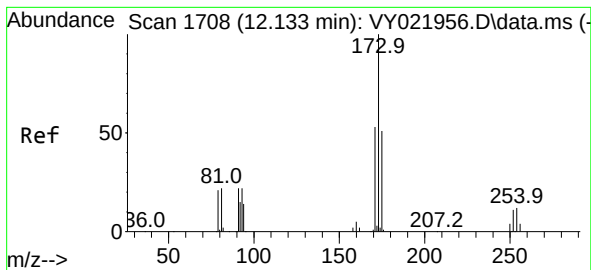
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#70
Styrene
Concen: 52.004 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:104 Resp: 480407
Ion Ratio Lower Upper
104 100
78 45.3 36.6 54.8
103 54.2 43.8 65.8





#71

Bromoform

Concen: 51.974 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 97550

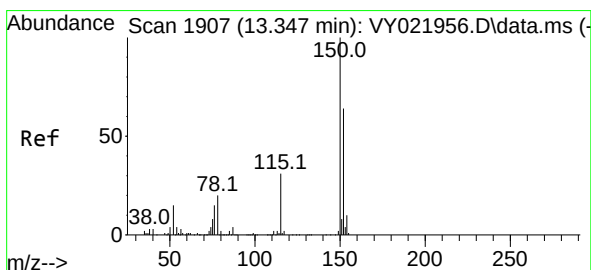
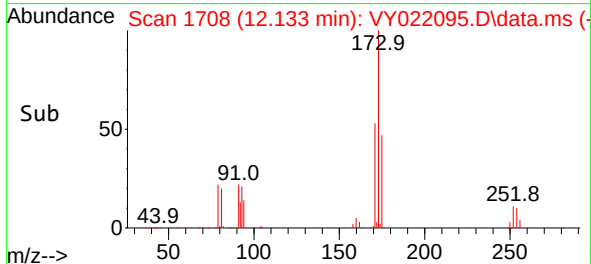
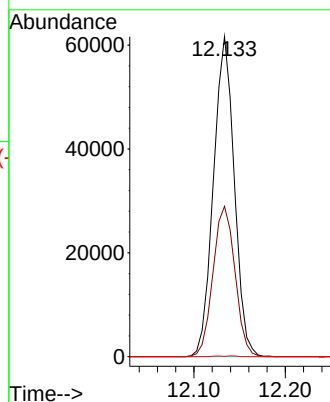
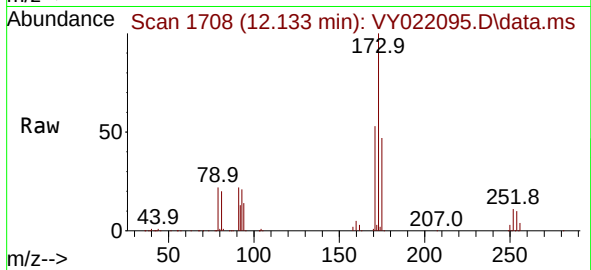
Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.3	72.8
254	0.2	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

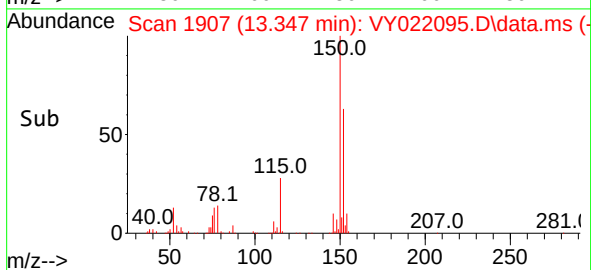
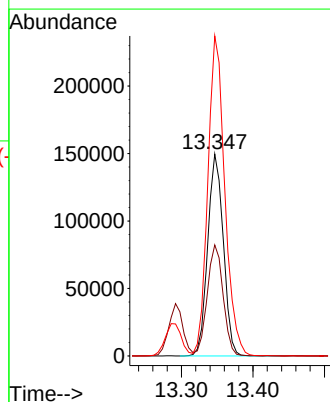
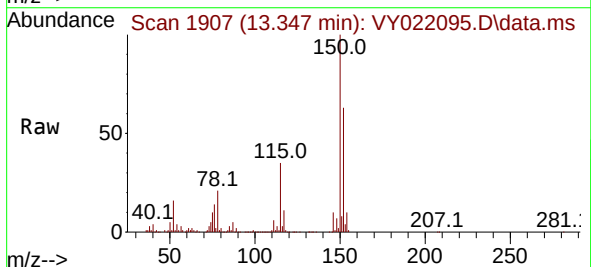
Delta R.T. 0.000 min

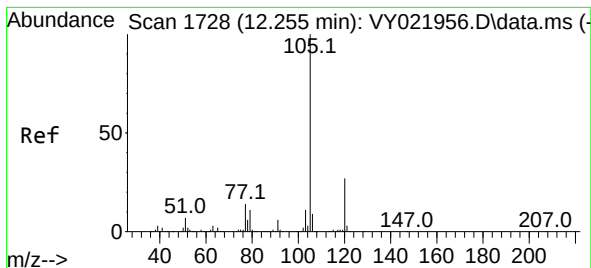
Lab File: VY022095.D

Acq: 01 May 2025 08:50

Tgt Ion:152 Resp: 227184

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.0	84.0
150	172.1	0.0	345.6





#73

Isopropylbenzene

Concen: 47.953 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 72784

Ion Ratio Lower Upper

105 100

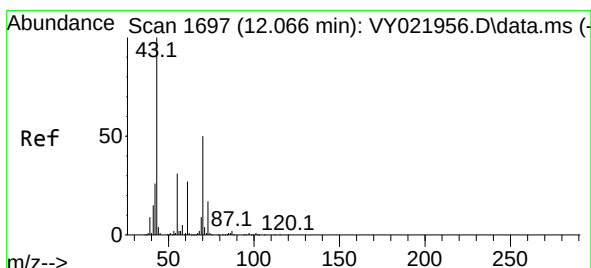
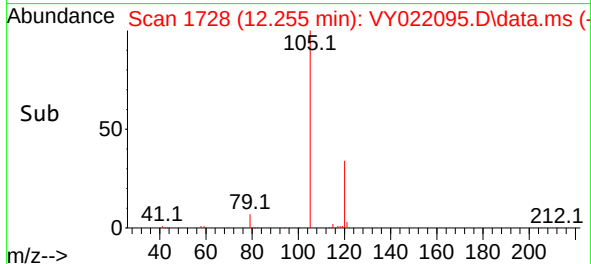
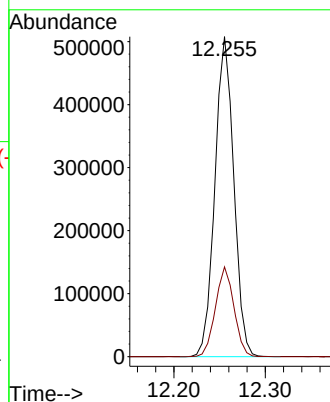
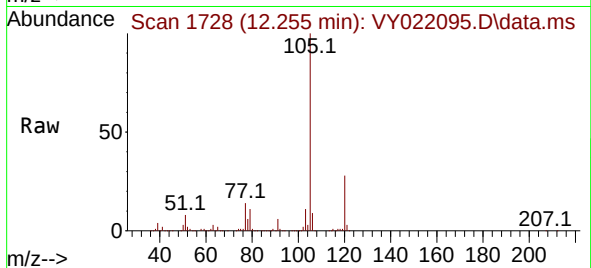
120 27.6 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#74

N-ethyl acetate

Concen: 46.314 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 120776

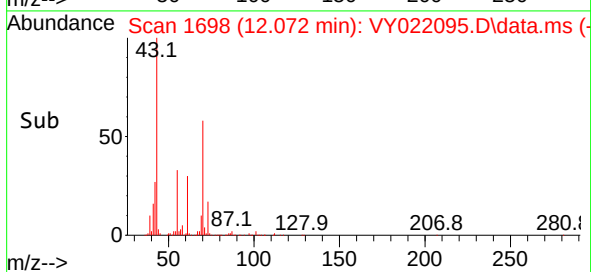
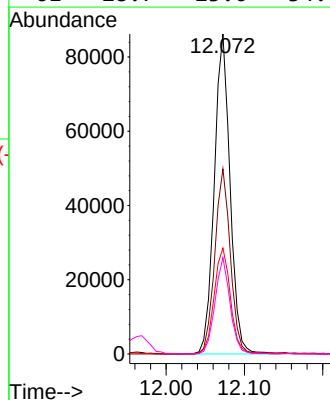
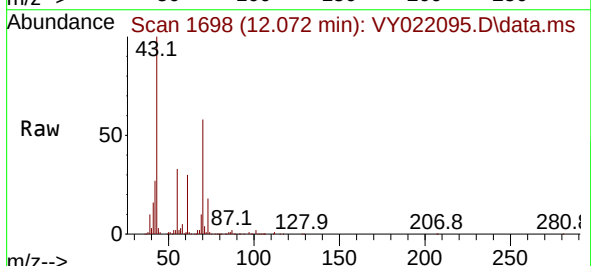
Ion Ratio Lower Upper

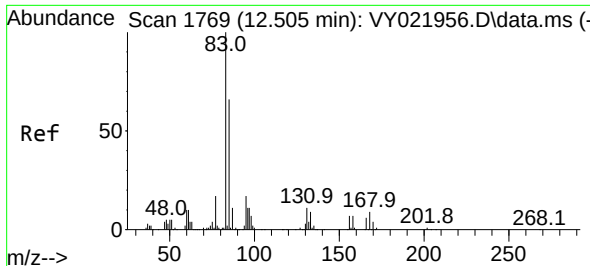
43 100

70 56.9 43.2 64.8

55 34.3 25.7 38.5

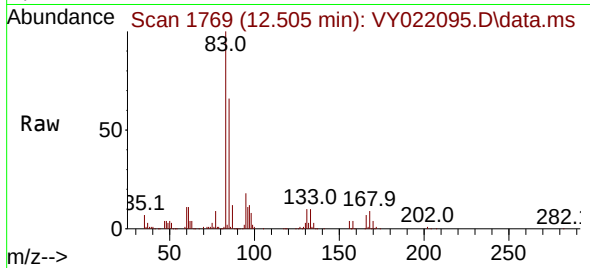
61 28.7 23.0 34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 47.078 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

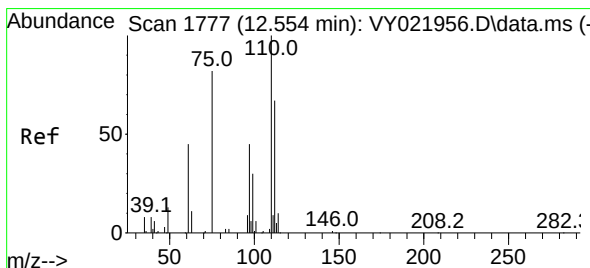
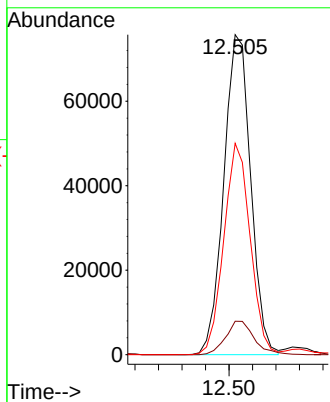
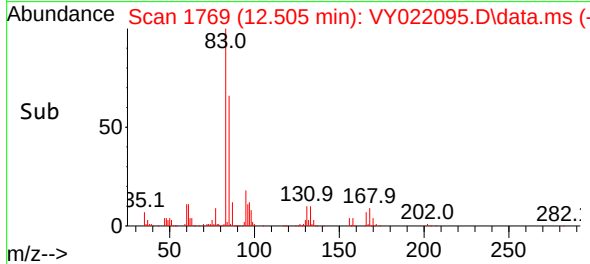
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



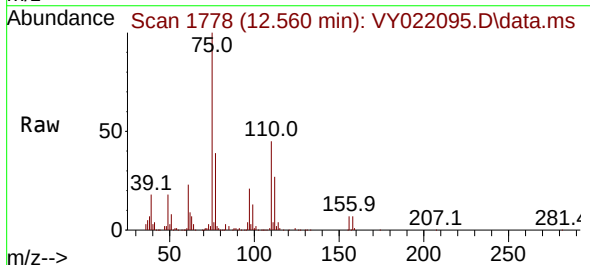
Tgt Ion: 83 Resp: 12047
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.4
85 64.8 32.3 96.8

Manual Integrations
APPROVED

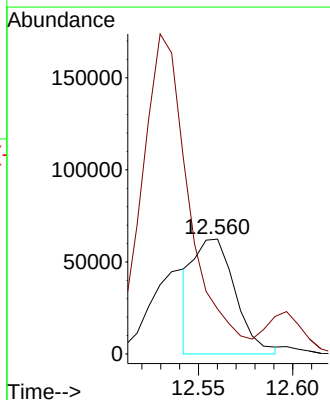
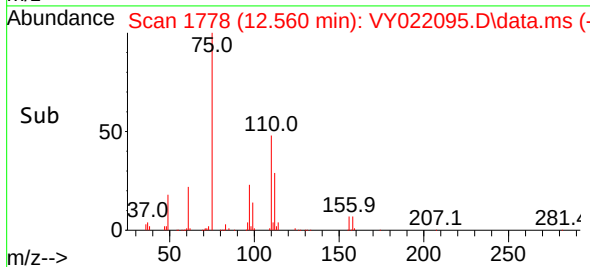
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

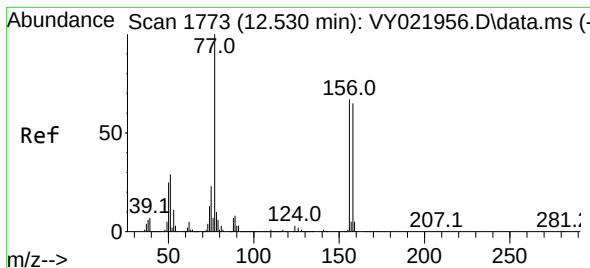


#76
1,2,3-Trichloropropane
Concen: 49.479 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



Tgt Ion: 75 Resp: 96284
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.538 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 186160

Ion Ratio Lower Upper

156 100

77 162.8 82.7 248.1

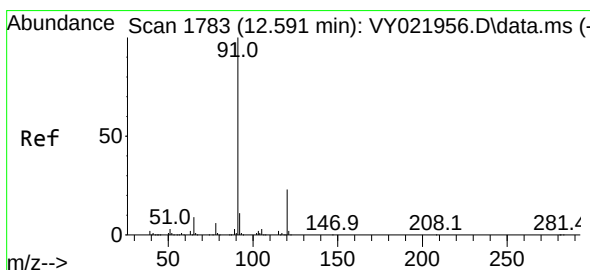
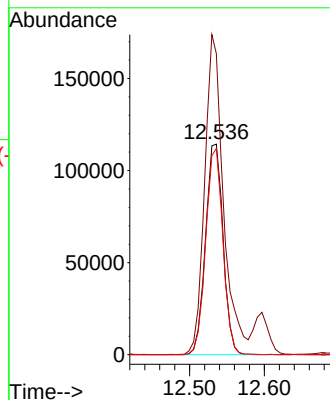
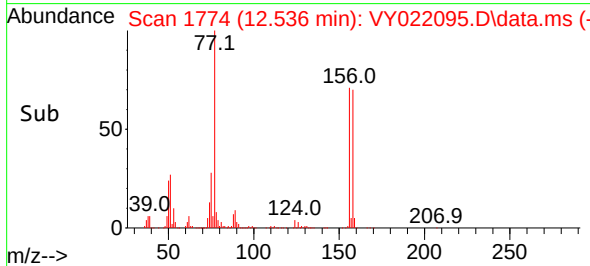
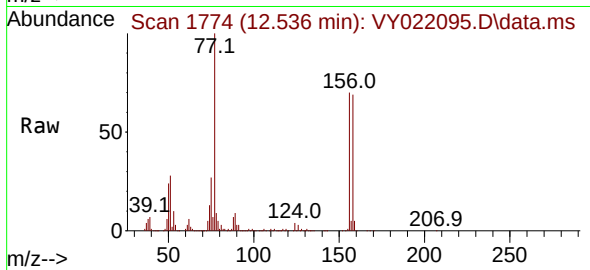
158 96.0 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#78

n-propylbenzene

Concen: 48.382 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022095.D

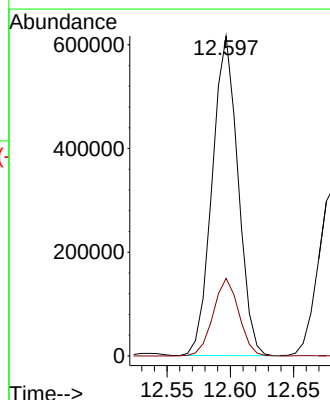
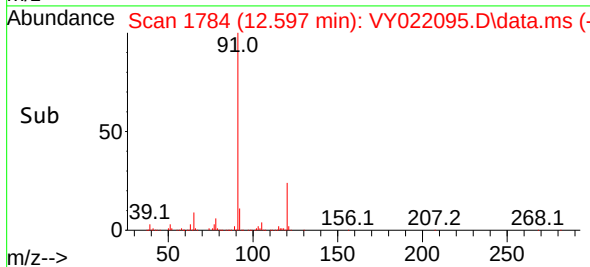
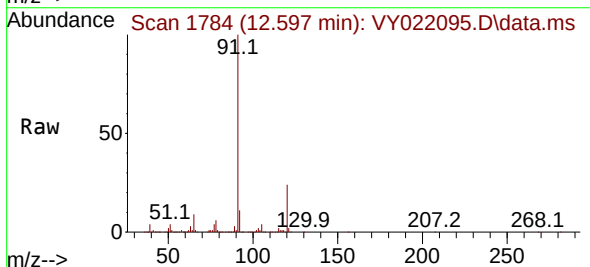
Acq: 01 May 2025 08:50

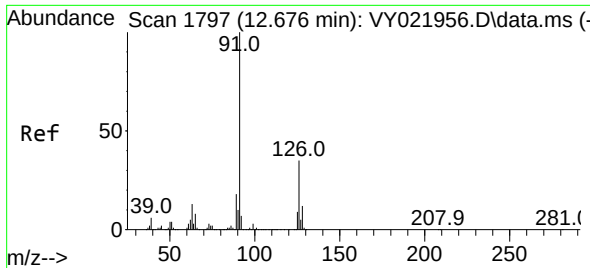
Tgt Ion: 91 Resp: 874536

Ion Ratio Lower Upper

91 100

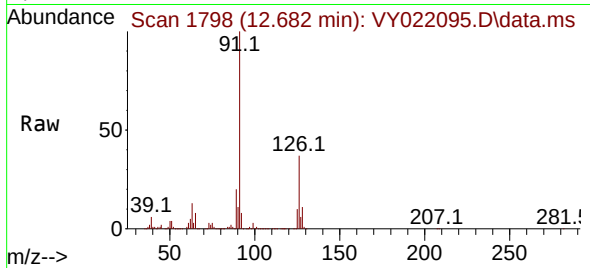
120 24.1 11.9 35.5





#79
2-Chlorotoluene
Concen: 47.417 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

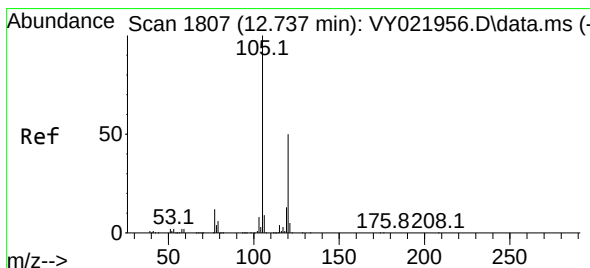
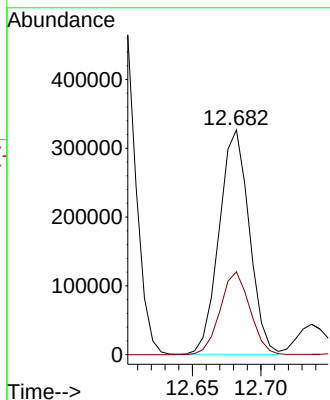
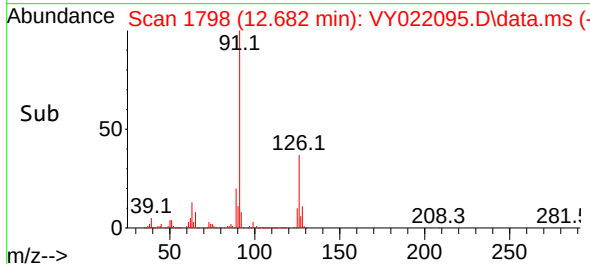
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



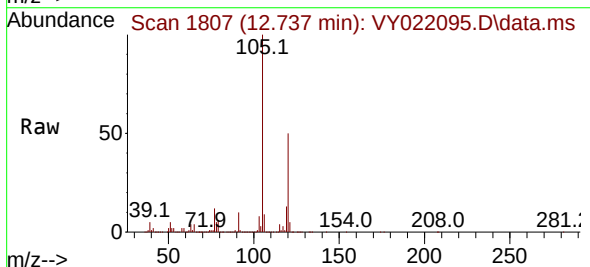
Tgt Ion: 91 Resp: 498448
Ion Ratio Lower Upper
91 100
126 36.5 17.9 53.8

Manual Integrations
APPROVED

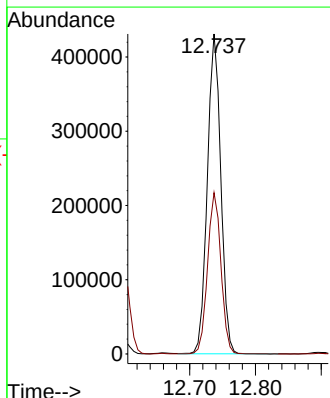
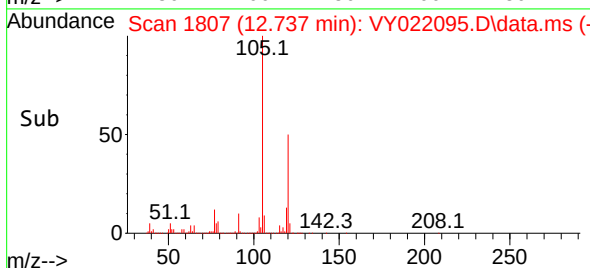
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

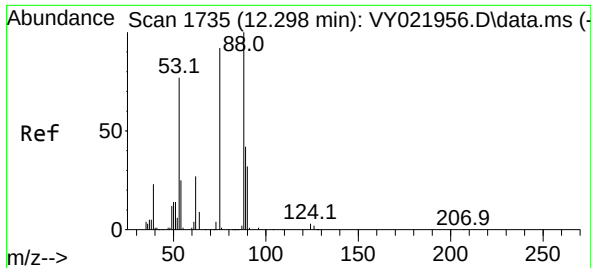


#80
1,3,5-Trimethylbenzene
Concen: 49.051 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



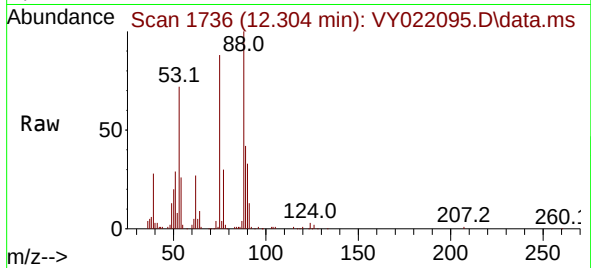
Tgt Ion:105 Resp: 613435
Ion Ratio Lower Upper
105 100
120 50.4 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.296 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

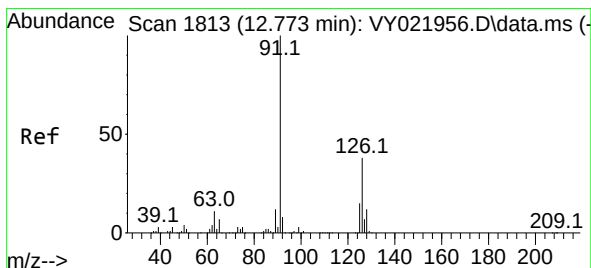
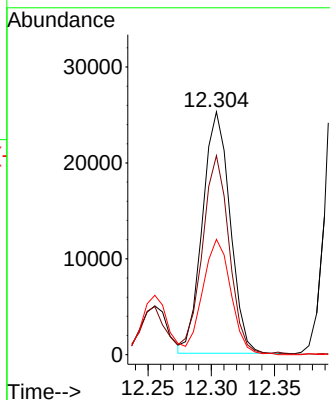
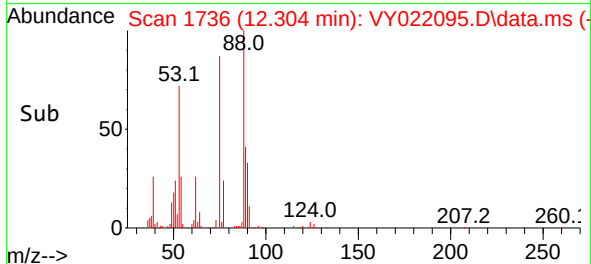
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 38218
Ion Ratio Lower Upper
75 100
53 80.9 66.0 99.0
89 48.3 37.2 55.8

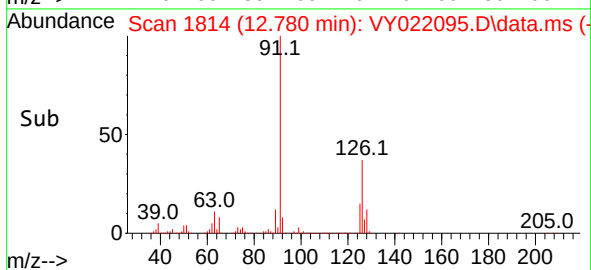
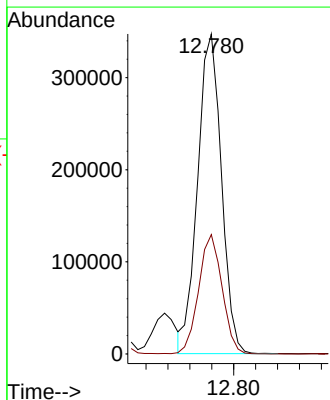
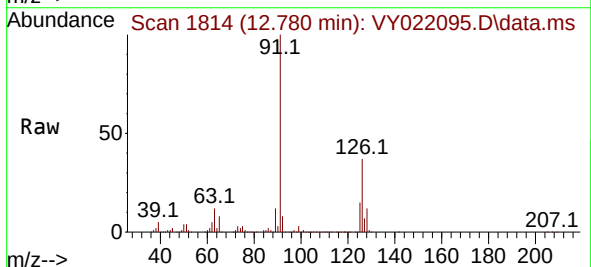
Manual Integrations
APPROVED

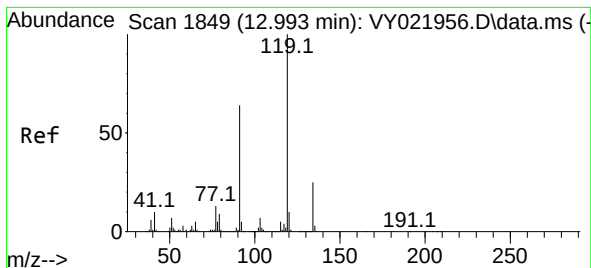
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#82
4-Chlorotoluene
Concen: 47.904 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

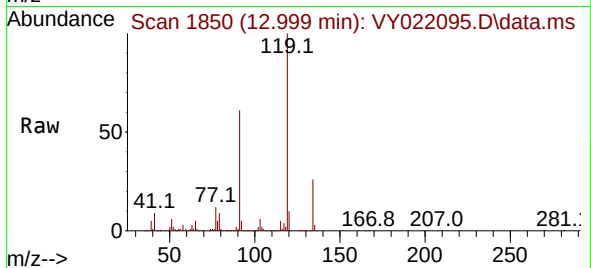
Tgt Ion: 91 Resp: 523473
Ion Ratio Lower Upper
91 100
126 36.8 17.9 53.8





#83
tert-Butylbenzene
Concen: 48.054 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

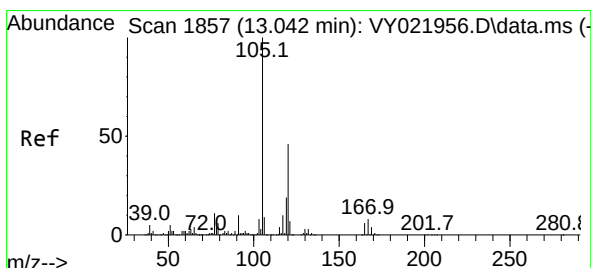
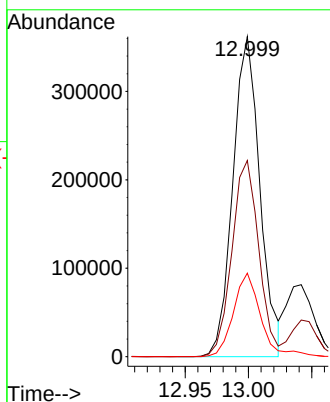
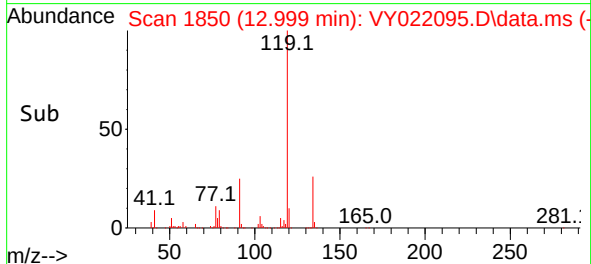
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



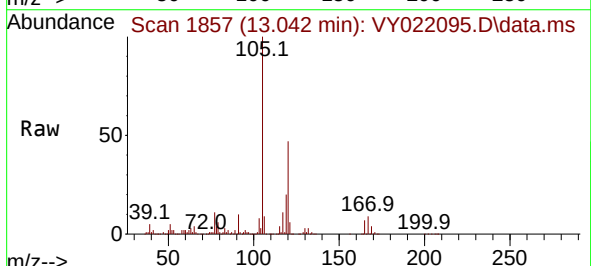
Tgt Ion:119 Resp: 53898
Ion Ratio Lower Upper
119 100
91 60.9 30.3 90.9
134 26.4 12.9 38.7

Manual Integrations
APPROVED

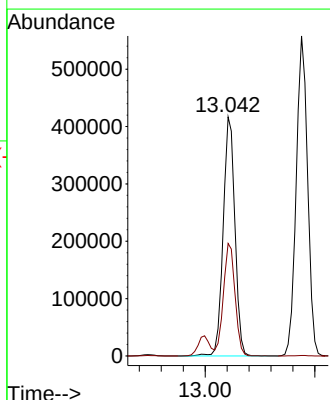
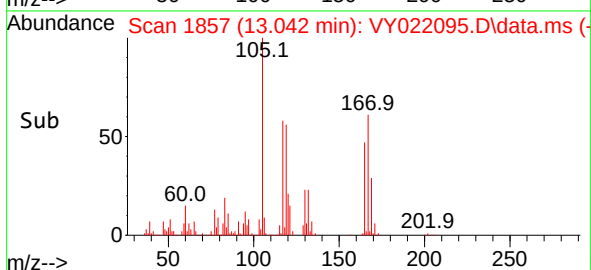
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

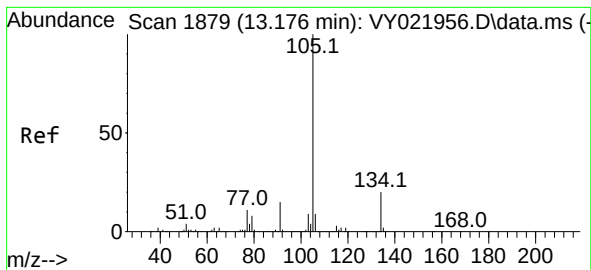


#84
1,2,4-Trimethylbenzene
Concen: 49.714 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



Tgt Ion:105 Resp: 621868
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.0





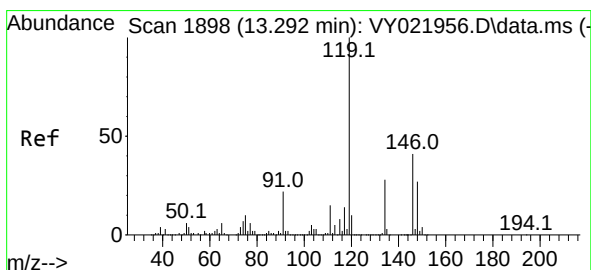
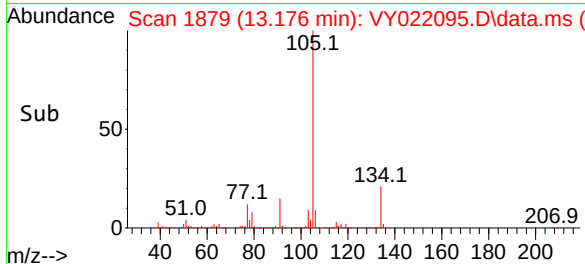
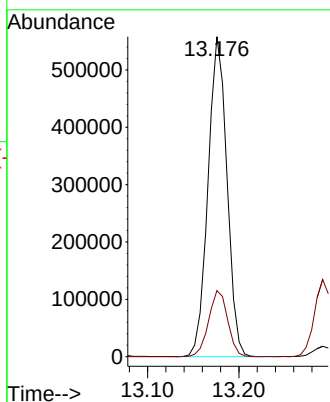
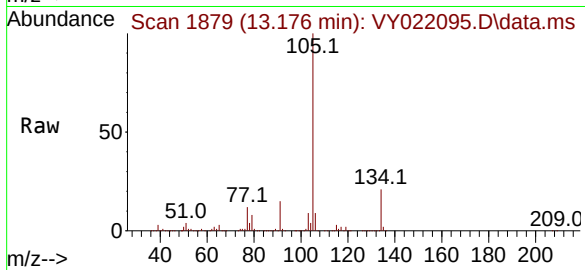
#85
 sec-Butylbenzene
 Concen: 48.777 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 80054
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.9

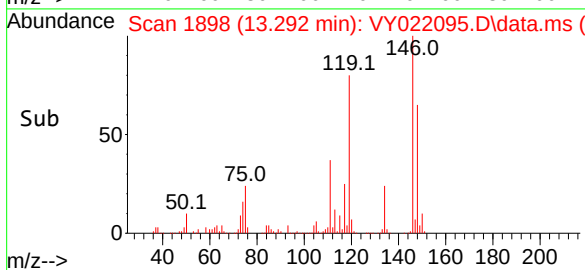
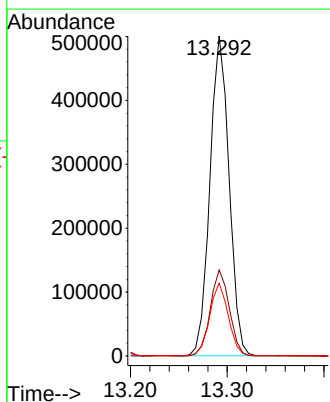
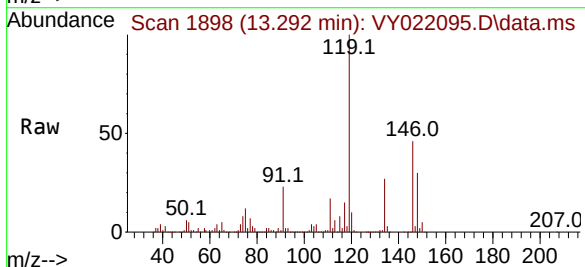
Manual Integrations
 APPROVED

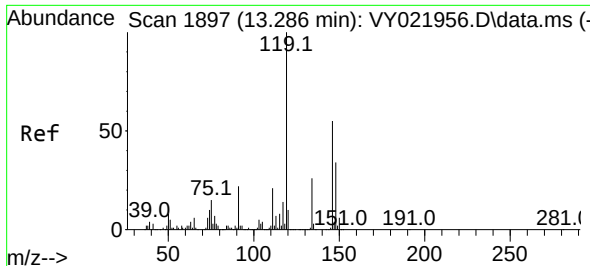
Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#86
 p-Isopropyltoluene
 Concen: 49.477 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

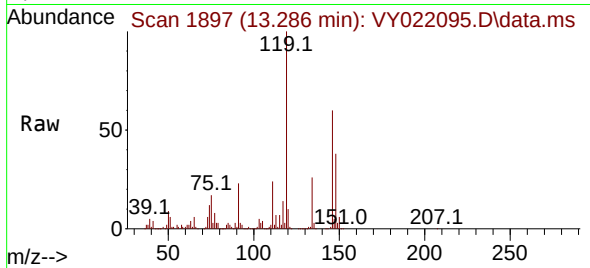
Tgt Ion:119 Resp: 689548
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 22.1 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 47.649 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

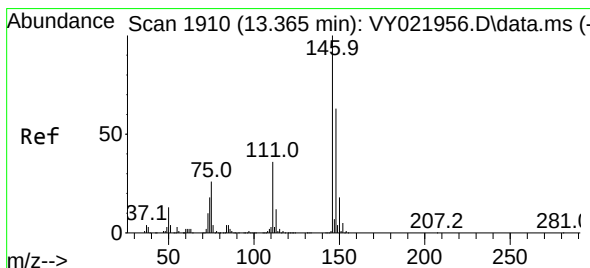
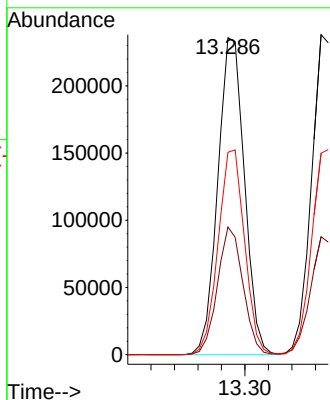
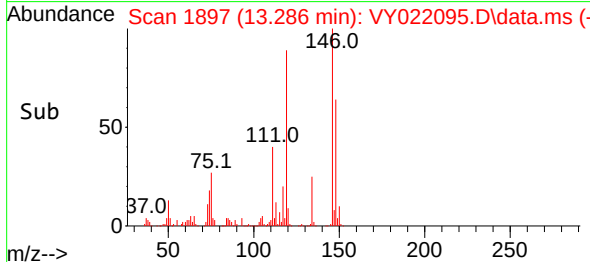
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



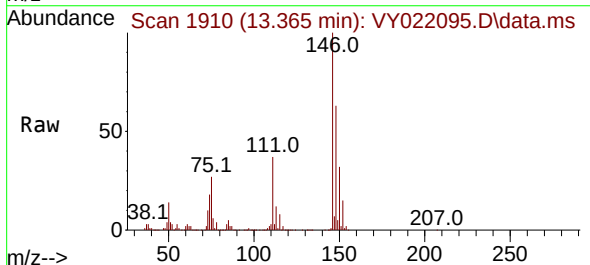
Tgt Ion:146 Resp: 371168
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.5
148 64.1 32.0 96.2

Manual Integrations
APPROVED

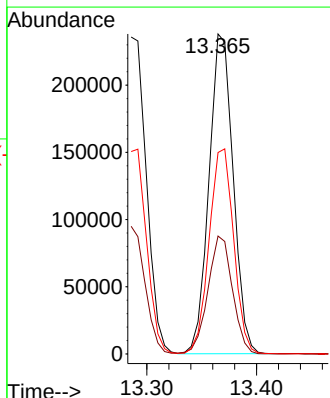
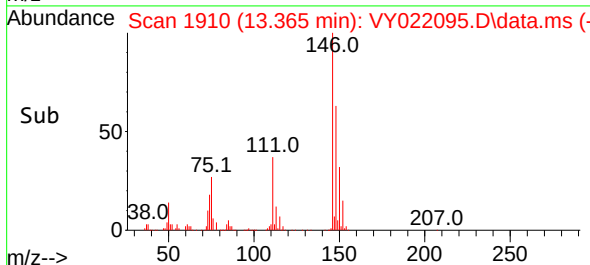
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

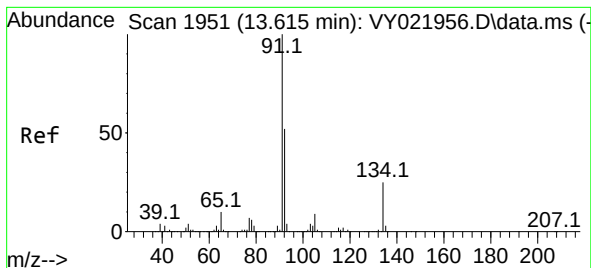


#88
1,4-Dichlorobenzene
Concen: 47.301 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50



Tgt Ion:146 Resp: 364925
Ion Ratio Lower Upper
146 100
111 37.4 19.2 57.6
148 65.3 32.0 96.0





#89

n-Butylbenzene

Concen: 47.980 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

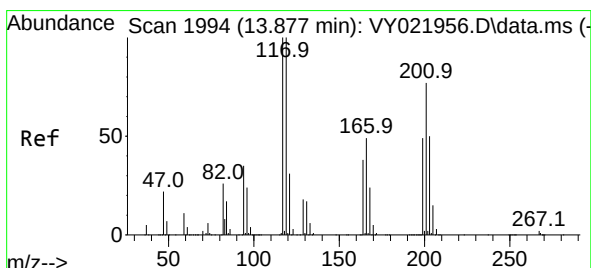
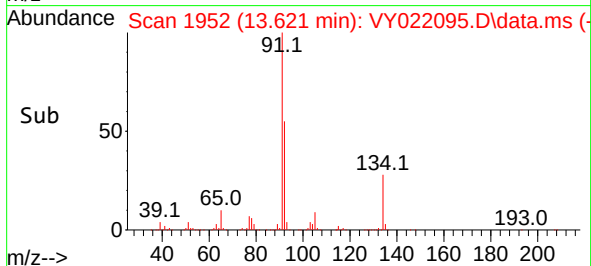
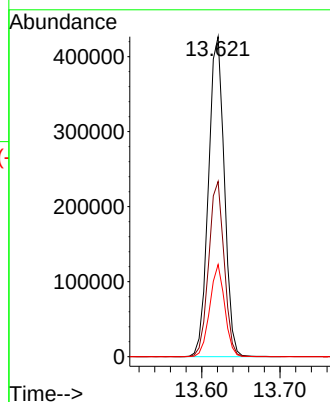
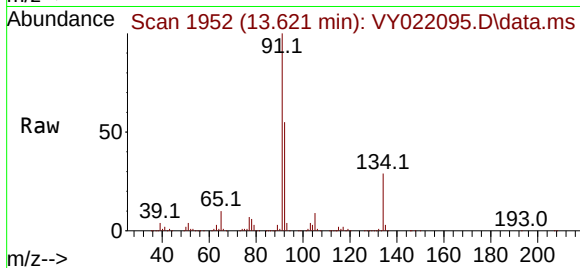
VSTDCCC050

Tgt Ion:	91	Resp:	597694
Ion Ratio	Lower	Upper	
91	100		
92	53.4	26.5	79.5
134	27.1	13.4	40.1

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 46.615 ug/l

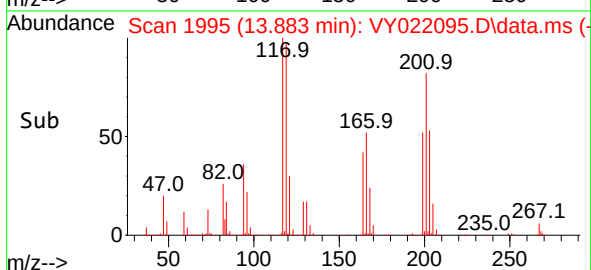
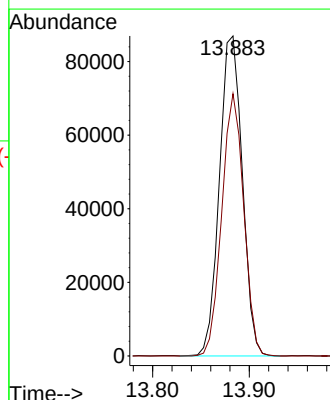
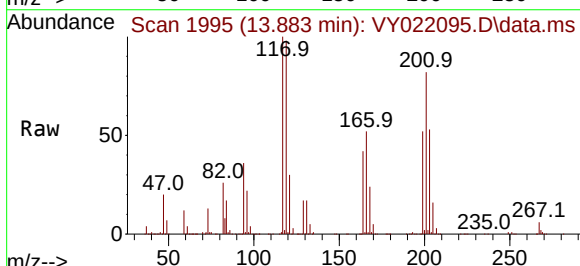
RT: 13.883 min Scan# 1995

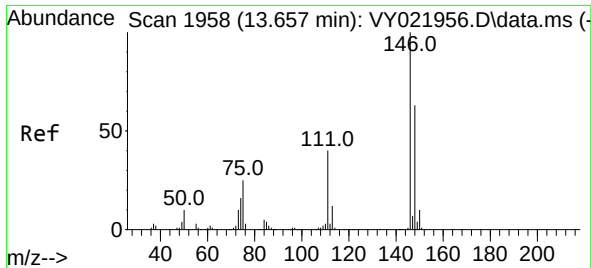
Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Tgt Ion:	117	Resp:	142735
Ion Ratio	Lower	Upper	
117	100		
201	78.4	38.7	116.1





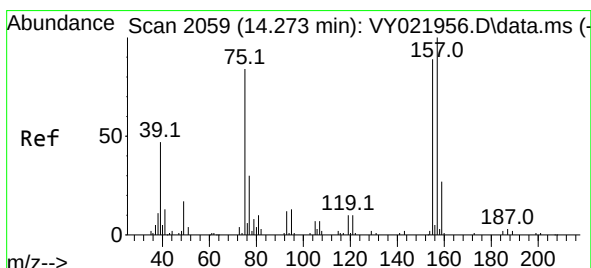
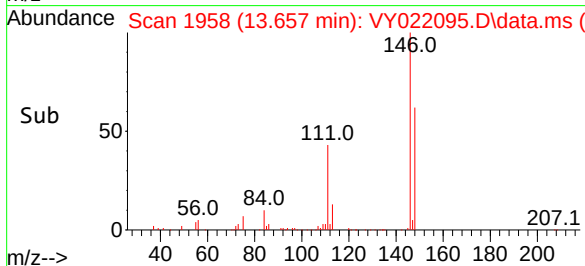
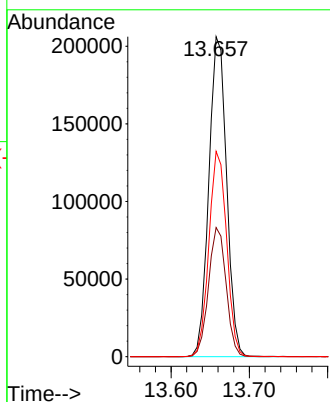
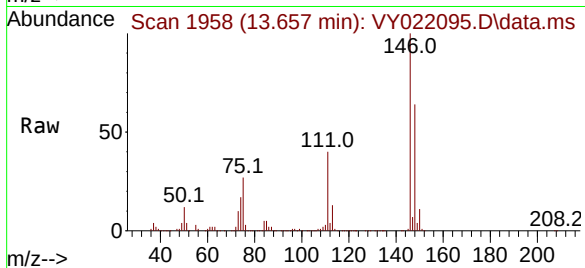
#91
1,2-Dichlorobenzene
Concen: 47.720 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 324218
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.1
148 64.2 32.1 96.3

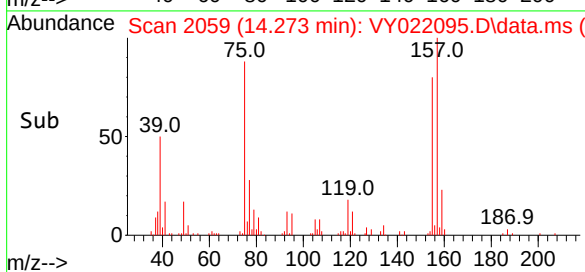
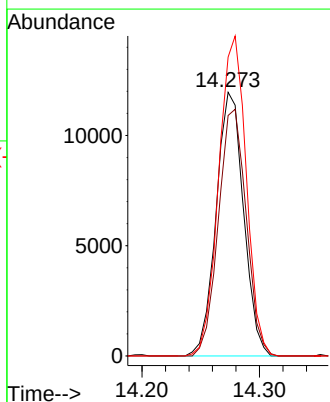
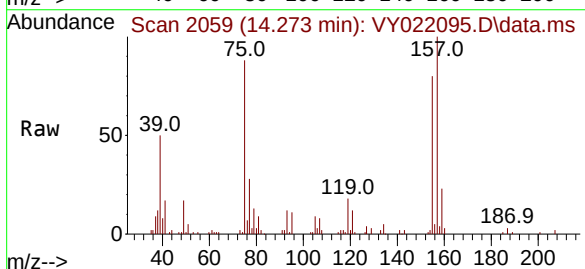
Manual Integrations
APPROVED

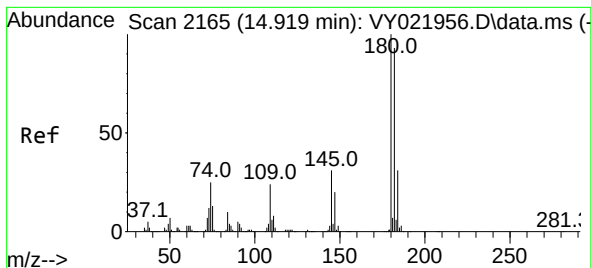
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.643 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 19397
Ion Ratio Lower Upper
75 100
155 94.8 50.7 152.3
157 121.5 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 47.340 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022095.D

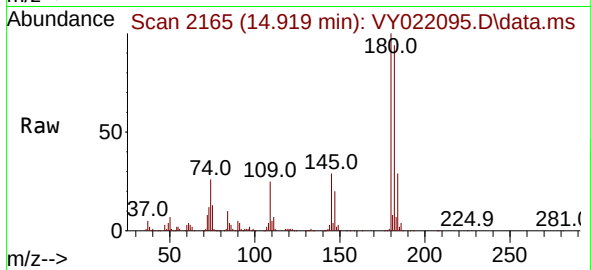
Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



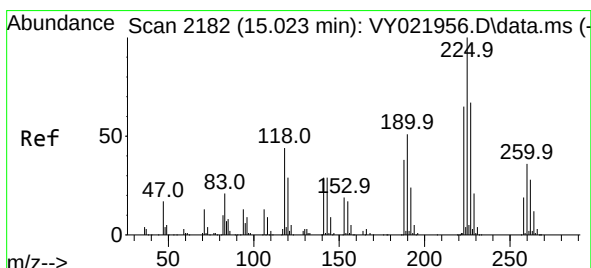
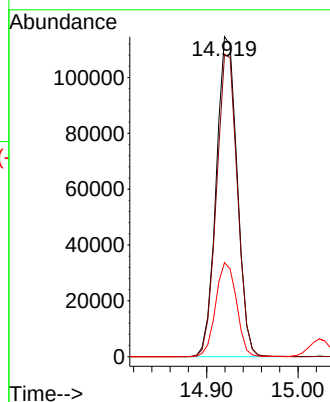
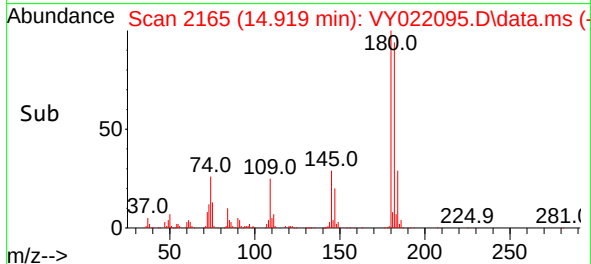
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.1	141.4
145	29.3	15.0	45.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025

Supervised By :Mahesh Dadoda 05/05/2025



#94

Hexachlorobutadiene

Concen: 47.066 ug/l

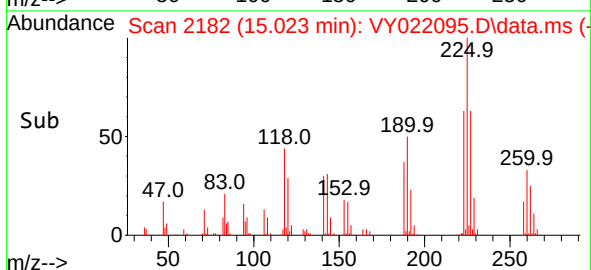
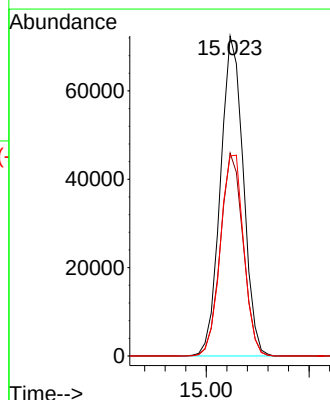
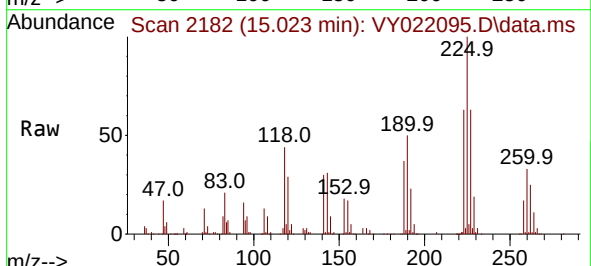
RT: 15.023 min Scan# 2182

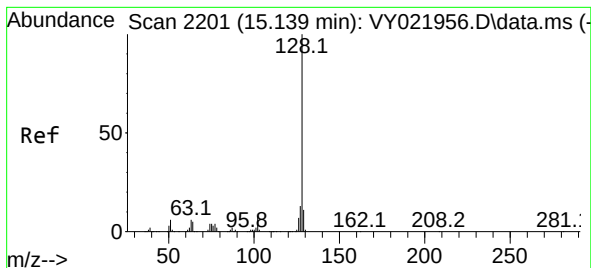
Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.5
227	64.2	32.3	96.9





#95

Naphthalene

Concen: 47.598 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

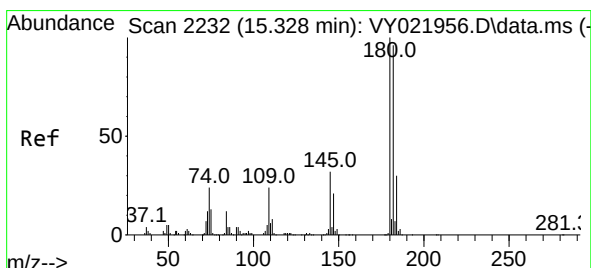
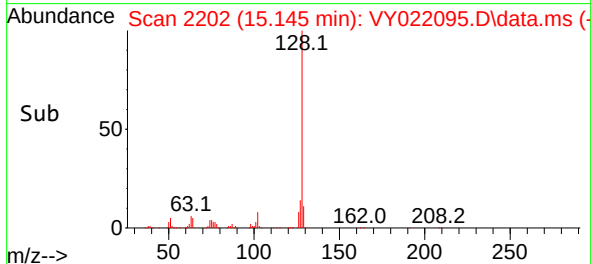
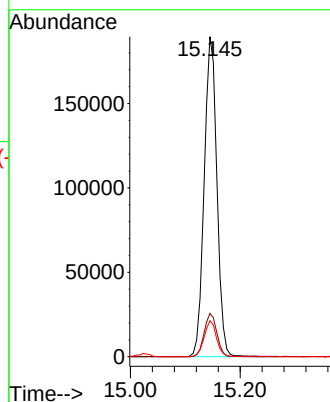
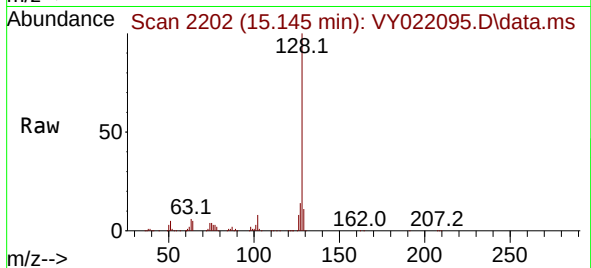
Tgt Ion:128 Resp: 30442

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.9	8.9	13.3

Manual Integrations

APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 47.678 ug/l

RT: 15.328 min Scan# 2232

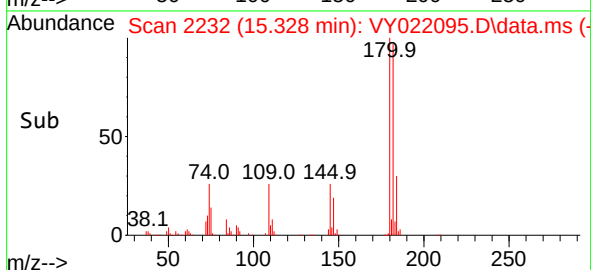
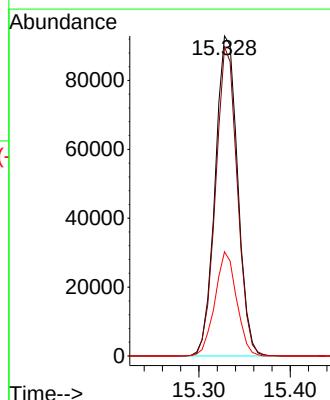
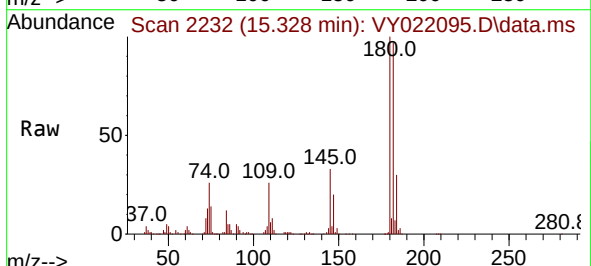
Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Tgt Ion:180 Resp: 158454

Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.1	144.4
145	31.4	16.0	48.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022095.D
 Acq On : 01 May 2025 08:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 12:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	0.426	0.359	15.7	85	0.00
3 P	Chloromethane	0.607	0.542	10.7	84	0.00
4 C	Vinyl Chloride	0.745	0.677	9.1#	87	0.00
5 T	Bromomethane	0.642	0.511	20.4	80	0.00
6 T	Chloroethane	0.508	0.454	10.6	86	0.00
7 T	Trichlorofluoromethane	0.983	0.891	9.4	87	0.00
8 T	Diethyl Ether	0.256	0.219	14.5	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.484	9.2	92	0.00
10 T	Methyl Iodide	0.617	0.554	10.2	82	0.00
11 T	Tert butyl alcohol	0.025	0.024	4.0	87	0.00
12 CM	1,1-Dichloroethene	0.497	0.441	11.3#	87	0.00
13 T	Acrolein	0.046	0.031	32.6#	68	0.00
14 T	Allyl chloride	0.579	0.498	14.0	84	0.00
15 T	Acrylonitrile	0.094	0.088	6.4	88	0.00
16 T	Acetone	0.070	0.062	11.4	92	0.00
17 T	Carbon Disulfide	1.585	1.372	13.4	86	0.00
18 T	Methyl Acetate	0.216	0.226	-4.6	95	0.00
19 T	Methyl tert-butyl Ether	1.113	1.031	7.4	85	0.00
20 T	Methylene Chloride	0.584	0.488	16.4	85	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.508	8.8	89	0.01
22 T	Diisopropyl ether	1.288	1.195	7.2	86	0.00
23 T	Vinyl Acetate	0.694	0.648	6.6	84	0.00
24 P	1,1-Dichloroethane	0.893	0.788	11.8	86	0.00
25 T	2-Butanone	0.105	0.100	4.8	88	0.00
26 T	2,2-Dichloropropane	0.782	0.721	7.8	91	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.570	8.4	87	0.00
28 T	Bromochloromethane	0.347	0.340	2.0	92	0.00
29 T	Tetrahydrofuran	0.068	0.067	1.5	86	0.00
30 C	Chloroform	0.990	0.919	7.2#	90	0.00
31 T	Cyclohexane	0.763	0.665	12.8	88	0.00
32 T	1,1,1-Trichloroethane	0.896	0.816	8.9	89	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.431	6.7	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.330	0.335	-1.5	88	0.00
36 T	1,1-Dichloropropene	0.444	0.431	2.9	88	0.00
37 T	Ethyl Acetate	0.159	0.163	-2.5	88	0.00
38 T	Carbon Tetrachloride	0.530	0.528	0.4	90	0.00
39 T	Methylcyclohexane	0.558	0.550	1.4	87	0.00
40 TM	Benzene	1.387	1.370	1.2	89	0.00
41 T	Methacrylonitrile	0.087	0.079	9.2	74	0.00
42 TM	1,2-Dichloroethane	0.343	0.348	-1.5	90	0.00
43 T	Isopropyl Acetate	0.306	0.302	1.3	84	0.00
44 TM	Trichloroethene	0.384	0.385	-0.3	91	0.00
45 C	1,2-Dichloropropane	0.307	0.304	1.0#	88	0.00
46 T	Dibromomethane	0.192	0.196	-2.1	91	0.00
47 T	Bromodichloromethane	0.480	0.484	-0.8	89	0.00
48 T	Methyl methacrylate	0.141	0.149	-5.7	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022095.D
 Acq On : 01 May 2025 08:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 12:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	96	0.00
50 S	Toluene-d8	1.245	1.270	-2.0	86	0.00
51 T	4-Methyl-2-Pentanone	0.160	0.176	-10.0	89	0.00
52 CM	Toluene	0.898	0.925	-3.0#	90	0.00
53 T	t-1,3-Dichloropropene	0.411	0.416	-1.2	86	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.484	1.0	87	0.00
55 T	1,1,2-Trichloroethane	0.256	0.267	-4.3	91	0.00
56 T	Ethyl methacrylate	0.293	0.307	-4.8	84	0.00
57 T	1,3-Dichloropropane	0.411	0.421	-2.4	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.162	-13.3	88	0.00
59 T	2-Hexanone	0.106	0.118	-11.3	89	0.00
60 T	Dibromochloromethane	0.355	0.371	-4.5	91	0.00
61 T	1,2-Dibromoethane	0.242	0.251	-3.7	90	0.00
62 S	4-Bromofluorobenzene	0.419	0.427	-1.9	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.472	0.481	-1.9	95	0.00
65 PM	Chlorobenzene	1.118	1.078	3.6	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.391	0.8	90	0.00
67 C	Ethyl Benzene	1.829	1.811	1.0#	88	0.00
68 T	m/p-Xylenes	0.728	0.745	-2.3	91	0.00
69 T	o-Xylene	0.671	0.676	-0.7	88	0.00
70 T	Styrene	1.126	1.172	-4.1	90	0.00
71 P	Bromoform	0.229	0.238	-3.9	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.341	3.204	4.1	89	0.00
74 T	N-amyl acetate	0.574	0.532	7.3	83	0.00
75 P	1,1,2,2-Tetrachloroethane	0.563	0.530	5.9	89	0.00
76 T	1,2,3-Trichloropropane	0.428	0.424	0.9	97	0.00
77 T	Bromobenzene	0.844	0.819	3.0	91	0.00
78 T	n-propylbenzene	3.978	3.849	3.2	89	0.00
79 T	2-Chlorotoluene	2.314	2.194	5.2	89	0.00
80 T	1,3,5-Trimethylbenzene	2.752	2.700	1.9	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.168	5.6	88	0.00
82 T	4-Chlorotoluene	2.405	2.304	4.2	89	0.00
83 T	tert-Butylbenzene	2.468	2.372	3.9	88	0.00
84 T	1,2,4-Trimethylbenzene	2.753	2.737	0.6	91	0.00
85 T	sec-Butylbenzene	3.612	3.524	2.4	90	0.00
86 T	p-Isopropyltoluene	3.067	3.035	1.0	91	0.00
87 T	1,3-Dichlorobenzene	1.714	1.634	4.7	92	0.00
88 T	1,4-Dichlorobenzene	1.698	1.606	5.4	92	0.00
89 T	n-Butylbenzene	2.742	2.631	4.0	89	0.00
90 T	Hexachloroethane	0.674	0.628	6.8	91	0.00
91 T	1,2-Dichlorobenzene	1.495	1.427	4.5	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.085	5.6	94	0.00
93 T	1,2,4-Trichlorobenzene	0.847	0.802	5.3	90	0.00
94 T	Hexachlorobutadiene	0.521	0.491	5.8	95	0.00
95 T	Naphthalene	1.408	1.340	4.8	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.697	4.7	91	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022095.D
 Acq On : 01 May 2025 08:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 12:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	50.000	42.149	15.7	85	0.00
3 P	Chloromethane	50.000	44.656	10.7	84	0.00
4 C	Vinyl Chloride	50.000	45.411	9.2#	87	0.00
5 T	Bromomethane	50.000	39.803	20.4	80	0.00
6 T	Chloroethane	50.000	44.717	10.6	86	0.00
7 T	Trichlorofluoromethane	50.000	45.309	9.4	87	0.00
8 T	Diethyl Ether	50.000	42.745	14.5	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.342	9.3	92	0.00
10 T	Methyl Iodide	50.000	44.860	10.3	82	0.00
11 T	Tert butyl alcohol	250.000	239.412	4.2	87	0.00
12 CM	1,1-Dichloroethene	50.000	44.312	11.4#	87	0.00
13 T	Acrolein	250.000	170.015	32.0#	68	0.00
14 T	Allyl chloride	50.000	43.012	14.0	84	0.00
15 T	Acrylonitrile	250.000	234.690	6.1	88	0.00
16 T	Acetone	250.000	258.562	-3.4	92	0.00
17 T	Carbon Disulfide	50.000	43.277	13.4	86	0.00
18 T	Methyl Acetate	50.000	52.440	-4.9	95	0.00
19 T	Methyl tert-butyl Ether	50.000	46.339	7.3	85	0.00
20 T	Methylene Chloride	50.000	41.790	16.4	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.652	8.7	89	0.01
22 T	Diisopropyl ether	50.000	46.406	7.2	86	0.00
23 T	Vinyl Acetate	250.000	233.397	6.6	84	0.00
24 P	1,1-Dichloroethane	50.000	44.117	11.8	86	0.00
25 T	2-Butanone	250.000	237.416	5.0	88	0.00
26 T	2,2-Dichloropropane	50.000	46.061	7.9	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.794	8.4	87	0.00
28 T	Bromochloromethane	50.000	49.056	1.9	92	0.00
29 T	Tetrahydrofuran	250.000	245.385	1.8	86	0.00
30 C	Chloroform	50.000	46.403	7.2#	90	0.00
31 T	Cyclohexane	50.000	43.571	12.9	88	0.00
32 T	1,1,1-Trichloroethane	50.000	45.518	9.0	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.711	6.6	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	50.745	-1.5	88	0.00
36 T	1,1-Dichloropropene	50.000	48.590	2.8	88	0.00
37 T	Ethyl Acetate	50.000	51.230	-2.5	88	0.00
38 T	Carbon Tetrachloride	50.000	49.824	0.4	90	0.00
39 T	Methylcyclohexane	50.000	49.231	1.5	87	0.00
40 TM	Benzene	50.000	49.378	1.2	89	0.00
41 T	Methacrylonitrile	50.000	45.180	9.6	74	0.00
42 TM	1,2-Dichloroethane	50.000	50.652	-1.3	90	0.00
43 T	Isopropyl Acetate	50.000	49.331	1.3	84	0.00
44 TM	Trichloroethene	50.000	50.105	-0.2	91	0.00
45 C	1,2-Dichloropropane	50.000	49.528	0.9#	88	0.00
46 T	Dibromomethane	50.000	51.032	-2.1	91	0.00
47 T	Bromodichloromethane	50.000	50.411	-0.8	89	0.00
48 T	Methyl methacrylate	50.000	52.563	-5.1	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022095.D
 Acq On : 01 May 2025 08:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 12:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1098.297	-9.8	96	0.00
50 S	Toluene-d8	50.000	50.988	-2.0	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.117	-9.6	89	0.00
52 CM	Toluene	50.000	51.517	-3.0#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	50.528	-1.1	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.447	1.1	87	0.00
55 T	1,1,2-Trichloroethane	50.000	52.135	-4.3	91	0.00
56 T	Ethyl methacrylate	50.000	52.343	-4.7	84	0.00
57 T	1,3-Dichloropropane	50.000	51.135	-2.3	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	282.693	-13.1	88	0.00
59 T	2-Hexanone	250.000	278.311	-11.3	89	0.00
60 T	Dibromochloromethane	50.000	52.183	-4.4	91	0.00
61 T	1,2-Dibromoethane	50.000	51.771	-3.5	90	0.00
62 S	4-Bromofluorobenzene	50.000	50.971	-1.9	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	51.010	-2.0	95	0.00
65 PM	Chlorobenzene	50.000	48.212	3.6	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.657	0.7	90	0.00
67 C	Ethyl Benzene	50.000	49.517	1.0#	88	0.00
68 T	m/p-Xylenes	100.000	102.352	-2.4	91	0.00
69 T	o-Xylene	50.000	50.386	-0.8	88	0.00
70 T	Styrene	50.000	52.004	-4.0	90	0.00
71 P	Bromoform	50.000	51.974	-3.9	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	47.953	4.1	89	0.00
74 T	N-amyl acetate	50.000	46.314	7.4	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.078	5.8	89	0.00
76 T	1,2,3-Trichloropropane	50.000	49.479	1.0	97	0.00
77 T	Bromobenzene	50.000	48.538	2.9	91	0.00
78 T	n-propylbenzene	50.000	48.382	3.2	89	0.00
79 T	2-Chlorotoluene	50.000	47.417	5.2	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.051	1.9	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.296	5.4	88	0.00
82 T	4-Chlorotoluene	50.000	47.904	4.2	89	0.00
83 T	tert-Butylbenzene	50.000	48.054	3.9	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.714	0.6	91	0.00
85 T	sec-Butylbenzene	50.000	48.777	2.4	90	0.00
86 T	p-Isopropyltoluene	50.000	49.477	1.0	91	0.00
87 T	1,3-Dichlorobenzene	50.000	47.649	4.7	92	0.00
88 T	1,4-Dichlorobenzene	50.000	47.301	5.4	92	0.00
89 T	n-Butylbenzene	50.000	47.980	4.0	89	0.00
90 T	Hexachloroethane	50.000	46.615	6.8	91	0.00
91 T	1,2-Dichlorobenzene	50.000	47.720	4.6	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.643	4.7	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.340	5.3	90	0.00
94 T	Hexachlorobutadiene	50.000	47.066	5.9	95	0.00
95 T	Naphthalene	50.000	47.598	4.8	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.678	4.6	91	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

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

Instrument ID: MSVOA_Y Calibration Date/Time: 05/06/2025 09:14

Lab File ID: VY022170.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.387	1.468		5.84	20
Toluene	0.898	0.976		8.69	20
Ethyl Benzene	1.829	2.031		11.04	20
m/p-Xylenes	0.728	0.817		12.23	20
o-Xylene	0.671	0.744		10.88	20
Isopropylbenzene	3.341	3.536		5.84	20
n-propylbenzene	3.978	4.340		9.1	20
1,3,5-Trimethylbenzene	2.752	2.992		8.72	20
tert-Butylbenzene	2.469	2.618		6.03	20
1,2,4-Trimethylbenzene	2.753	3.014		9.48	20
sec-Butylbenzene	3.612	3.931		8.83	20
p-Isopropyltoluene	3.067	3.352		9.29	20
n-Butylbenzene	2.742	3.028		10.43	20
1,2-Dichloroethane-d4	0.462	0.462		0	20
Dibromofluoromethane	0.330	0.334		1.21	20
Toluene-d8	1.245	1.283		3.05	20
4-Bromofluorobenzene	0.419	0.436		4.06	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022170.D
 Acq On : 06 May 2025 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
 Supervised By :Semsettin Yesilyurt 05/07/2025

Quant Time: May 07 04:30:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	239745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	360580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	331226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	184988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	110746	50.010	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.020%			
35) Dibromofluoromethane	7.640	113	120311	50.504	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.000%			
50) Toluene-d8	10.109	98	462783	51.530	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.408	95	157189	51.992	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	90373	44.239	ug/l	98
3) Chloromethane	2.074	50	137200	47.167	ug/l	97
4) Vinyl Chloride	2.208	62	183551	51.350	ug/l	100
5) Bromomethane	2.598	94	140971	45.776	ug/l	98
6) Chloroethane	2.739	64	125216	51.436	ug/l	99
7) Trichlorofluoromethane	3.062	101	227379	48.240	ug/l	99
8) Diethyl Ether	3.458	74	57631	46.976	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	126132	49.329	ug/l	98
10) Methyl Iodide	4.007	142	142230	48.044	ug/l	98
11) Tert butyl alcohol	4.866	59	29710	244.379	ug/l	100
12) 1,1-Dichloroethene	3.793	96	114957	48.234	ug/l	94
13) Acrolein	3.659	56	20342	93.226	ug/l	97
14) Allyl chloride	4.385	41	143009	51.533	ug/l	97
15) Acrylonitrile	5.061	53	114463	254.854	ug/l	99
16) Acetone	3.873	43	92493	325.552	ug/l	99
17) Carbon Disulfide	4.110	76	354211	46.612	ug/l	99
18) Methyl Acetate	4.391	43	59387	57.410	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	268286	50.294	ug/l	99
20) Methylene Chloride	4.616	84	126376	45.132	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	133224	49.912	ug/l	94
22) Diisopropyl ether	6.025	45	334127	54.103	ug/l	96
23) Vinyl Acetate	5.964	43	892371	268.116	ug/l	98
24) 1,1-Dichloroethane	5.921	63	221609	51.769	ug/l	99
25) 2-Butanone	6.903	43	135410	268.255	ug/l	96
26) 2,2-Dichloropropane	6.884	77	198938	53.023	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	150949	50.577	ug/l	95
28) Bromochloromethane	7.244	49	83906	50.463	ug/l	96
29) Tetrahydrofuran	7.262	42	89042	271.597	ug/l	99
30) Chloroform	7.427	83	244222	51.434	ug/l	99
31) Cyclohexane	7.707	56	185967	50.801	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	217798	50.699	ug/l	99
36) 1,1-Dichloropropene	7.841	75	171489	53.592	ug/l	98
37) Ethyl Acetate	6.982	43	62672	54.533	ug/l	97
38) Carbon Tetrachloride	7.823	117	203555	53.235	ug/l	97
39) Methylcyclohexane	9.109	83	217351	53.975	ug/l	94
40) Benzene	8.085	78	529500	52.935	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022170.D
 Acq On : 06 May 2025 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
 Supervised By :Semsettin Yesilyurt 05/07/2025

Quant Time: May 07 04:30:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	32904	52.375	ug/l	95
42) 1,2-Dichloroethane	8.165	62	131950	53.280	ug/l	98
43) Isopropyl Acetate	8.201	43	118191	53.552	ug/l	99
44) Trichloroethene	8.866	130	144198	52.045	ug/l	99
45) 1,2-Dichloropropane	9.146	63	121282	54.827	ug/l	98
46) Dibromomethane	9.237	93	73119	52.804	ug/l	97
47) Bromodichloromethane	9.426	83	184993	53.477	ug/l	99
48) Methyl methacrylate	9.225	41	56815	55.686	ug/l	97
49) 1,4-Dioxane	9.231	88	15422	1044.921	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	329679	284.953	ug/l	98
52) Toluene	10.176	92	351869	54.344	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	163371	55.059	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	189466	53.717	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	99416	53.748	ug/l	97
56) Ethyl methacrylate	10.445	69	115554	54.630	ug/l	96
57) 1,3-Dichloropropane	10.719	76	158472	53.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	283721	274.338	ug/l	99
59) 2-Hexanone	10.762	43	221418	290.152	ug/l	98
60) Dibromochloromethane	10.914	129	135560	52.935	ug/l	100
61) 1,2-Dibromoethane	11.018	107	92378	52.902	ug/l	100
64) Tetrachloroethene	10.652	164	162239	51.922	ug/l	99
65) Chlorobenzene	11.444	112	390272	52.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	136983	52.530	ug/l	98
67) Ethyl Benzene	11.524	91	672576	55.508	ug/l	99
68) m/p-Xylenes	11.633	106	541347	112.277	ug/l	100
69) o-Xylene	11.957	106	246335	55.432	ug/l	98
70) Styrene	11.969	104	423444	56.750	ug/l	99
71) Bromoform	12.133	173	79117	52.185	ug/l #	100
73) Isopropylbenzene	12.255	105	654161	52.929	ug/l	100
74) N-amyl acetate	12.072	43	109786	51.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	106920	51.312	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	73028m	46.089	ug/l	
77) Bromobenzene	12.536	156	155166	49.685	ug/l	96
78) n-propylbenzene	12.597	91	802900	54.551	ug/l	99
79) 2-Chlorotoluene	12.682	91	452344	52.846	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	553534	54.357	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	33948	51.594	ug/l	98
82) 4-Chlorotoluene	12.780	91	474107	53.283	ug/l	99
83) tert-Butylbenzene	12.999	119	484239	53.022	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	557633	54.747	ug/l	100
85) sec-Butylbenzene	13.176	105	727224	54.416	ug/l	99
86) p-Isopropyltoluene	13.292	119	620080	54.641	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	327645	51.656	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	323350	51.473	ug/l	99
89) n-Butylbenzene	13.621	91	560229	55.231	ug/l	100
90) Hexachloroethane	13.883	117	129569	51.967	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	284643	51.452	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	16698	50.369	ug/l	89
93) 1,2,4-Trichlorobenzene	14.925	180	157369	50.198	ug/l	100
94) Hexachlorobutadiene	15.029	225	95951	49.746	ug/l	99
95) Naphthalene	15.145	128	259824	49.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	135284	49.992	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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

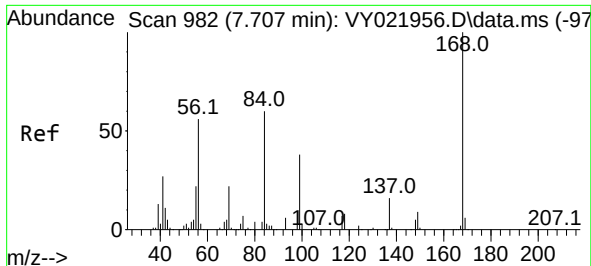
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

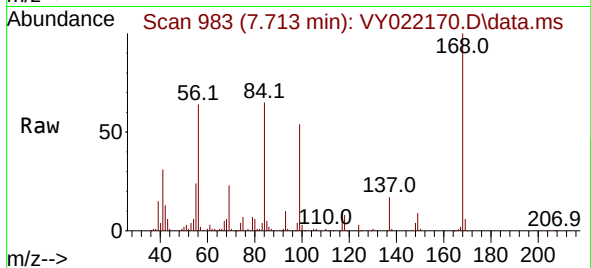
Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

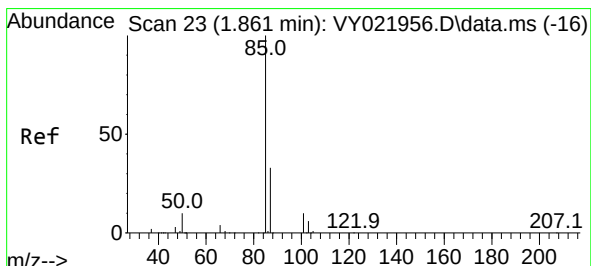
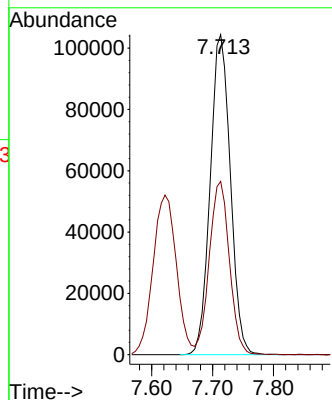
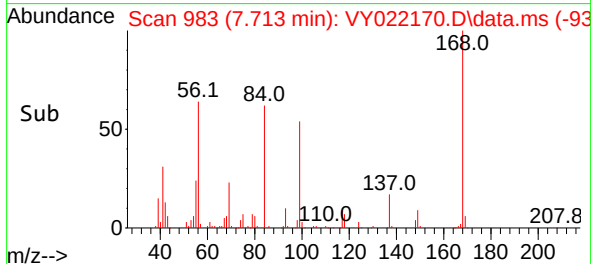
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 239745
Ion Ratio Lower Upper
168 100
99 54.1 43.1 64.7

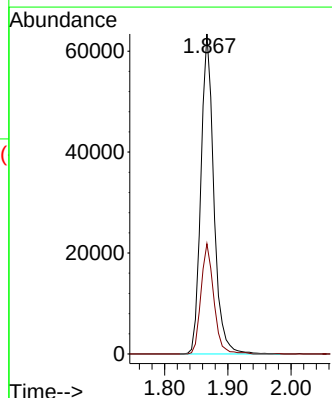
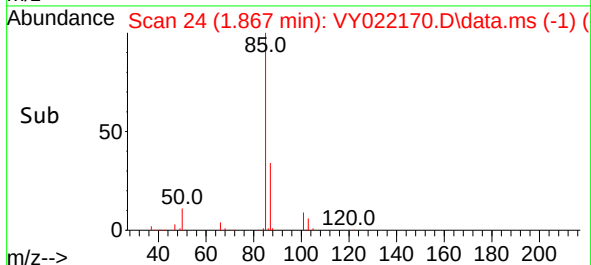
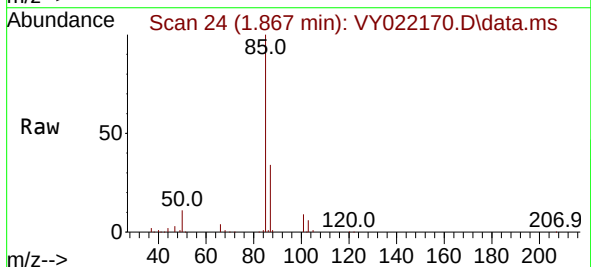
Manual Integrations
APPROVED

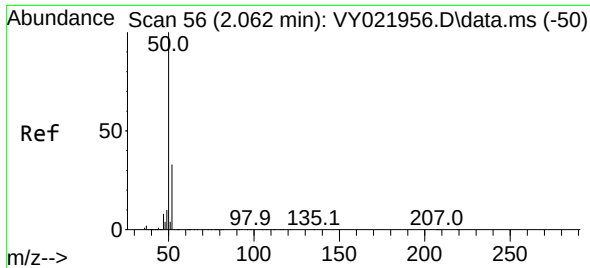
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#2
Dichlorodifluoromethane
Concen: 44.239 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

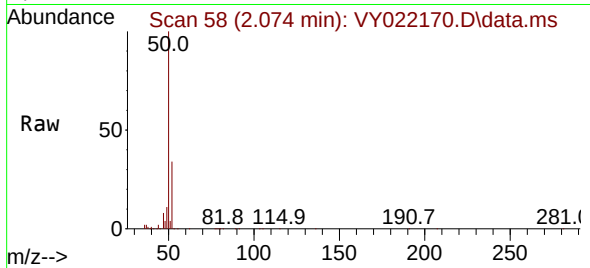
Tgt Ion: 85 Resp: 90373
Ion Ratio Lower Upper
85 100
87 34.4 16.6 49.7





#3
Chloromethane
Concen: 47.167 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

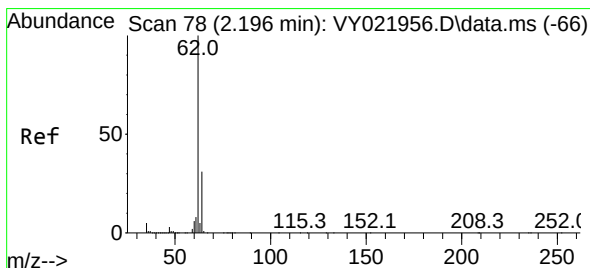
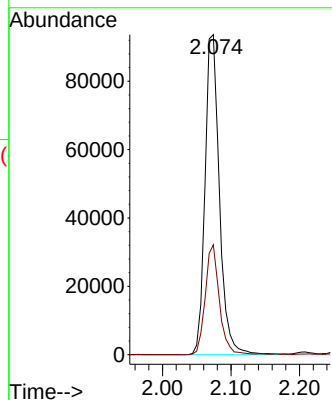
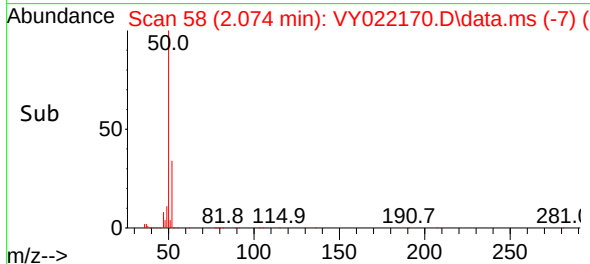
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



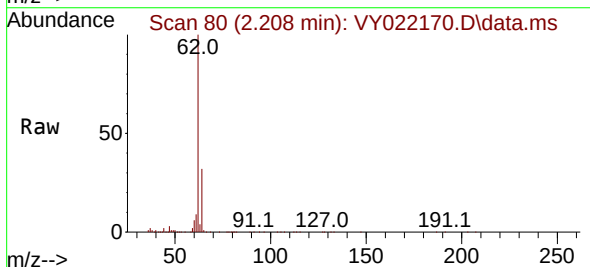
Tgt Ion: 50 Resp: 137200
Ion Ratio Lower Upper
50 100
52 34.4 26.1 39.1

Manual Integrations
APPROVED

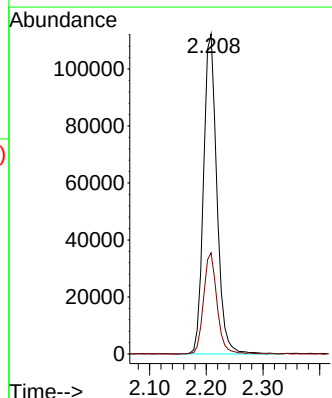
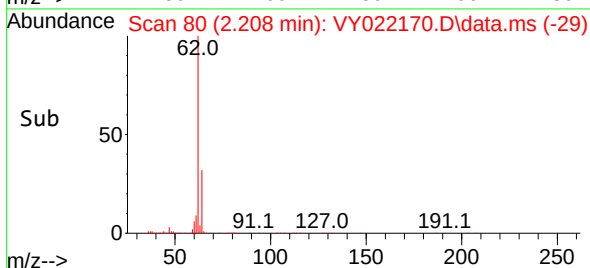
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

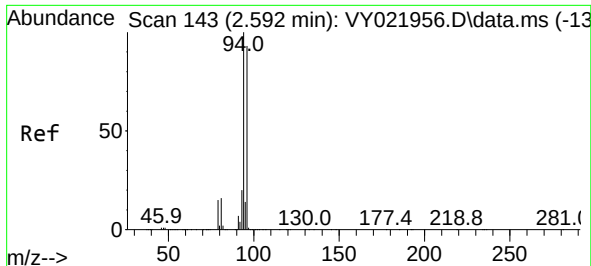


#4
Vinyl Chloride
Concen: 51.350 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



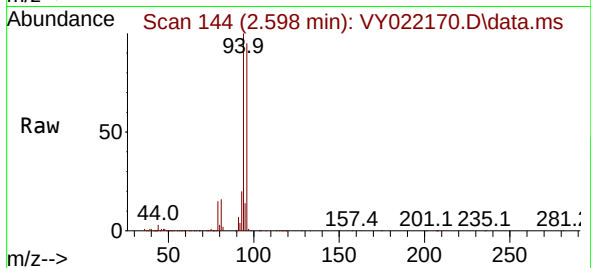
Tgt Ion: 62 Resp: 183551
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7





#5
Bromomethane
Concen: 45.776 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

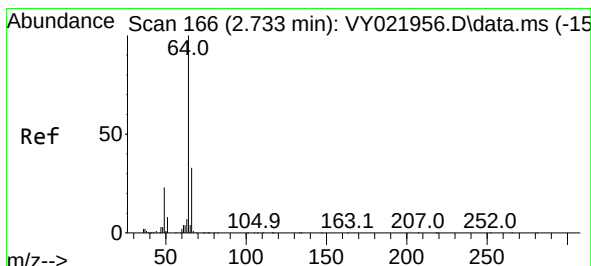
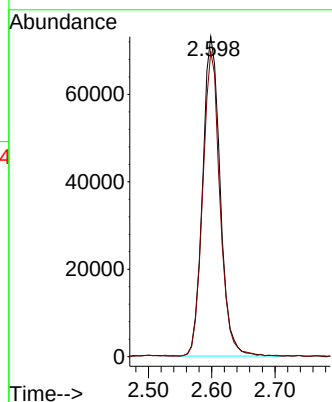
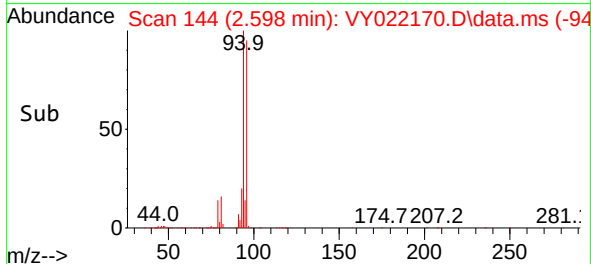
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



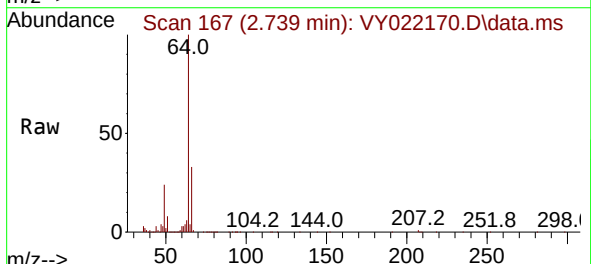
Tgt Ion: 94 Resp: 14097
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8

Manual Integrations
APPROVED

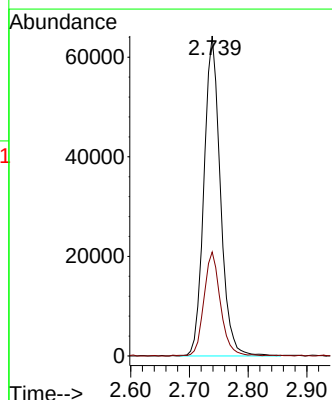
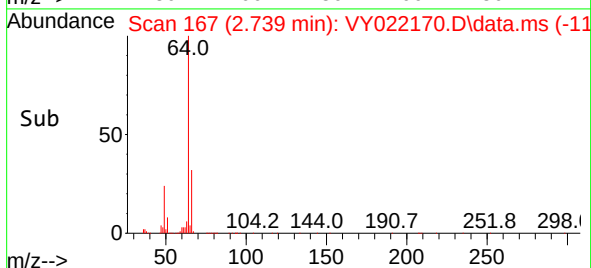
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

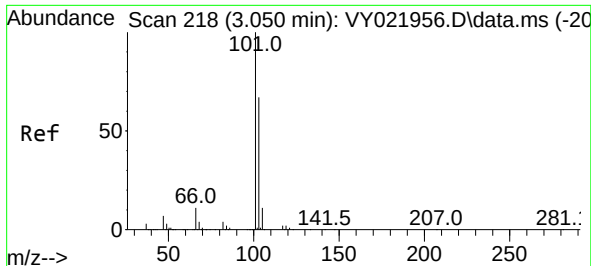


#6
Chloroethane
Concen: 51.436 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



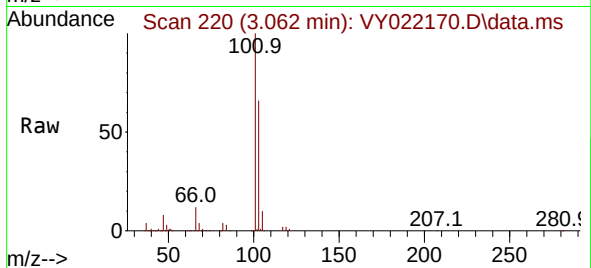
Tgt Ion: 64 Resp: 125216
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.240 ug/l
RT: 3.062 min Scan# 218
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

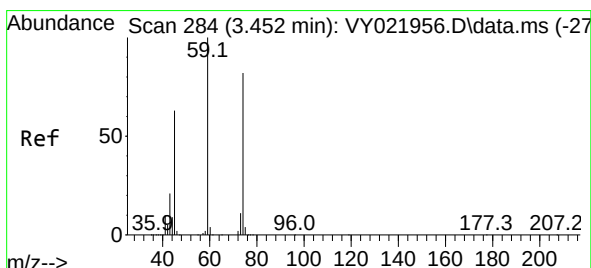
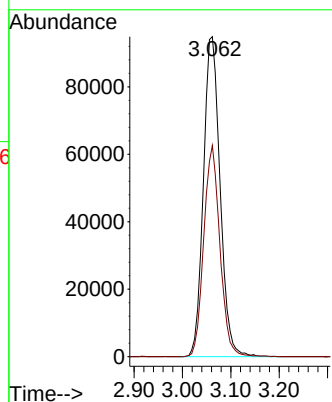
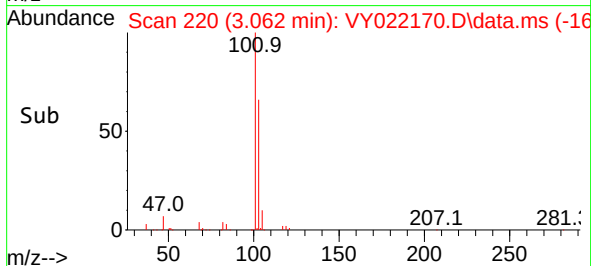
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 227379
Ion Ratio Lower Upper
101 100
103 66.0 53.6 80.4

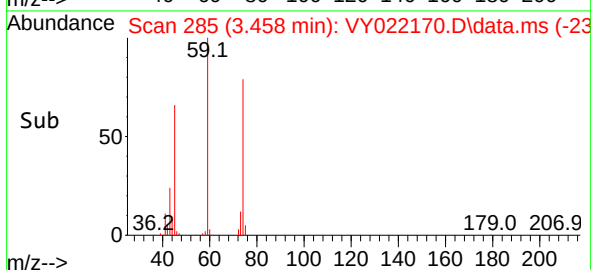
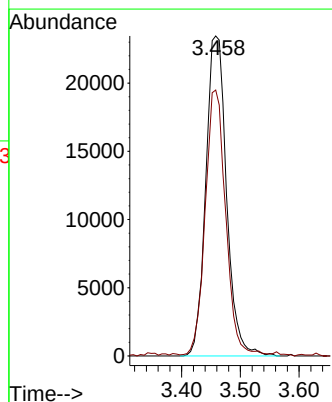
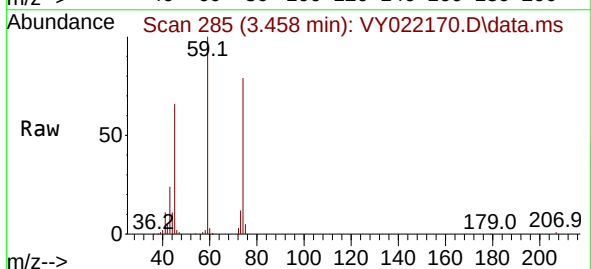
Manual Integrations
APPROVED

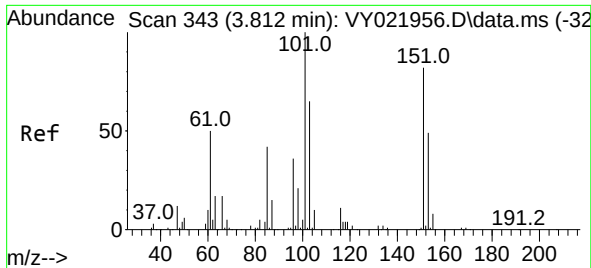
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#8
Diethyl Ether
Concen: 46.976 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 74 Resp: 57631
Ion Ratio Lower Upper
74 100
45 81.2 39.1 117.5





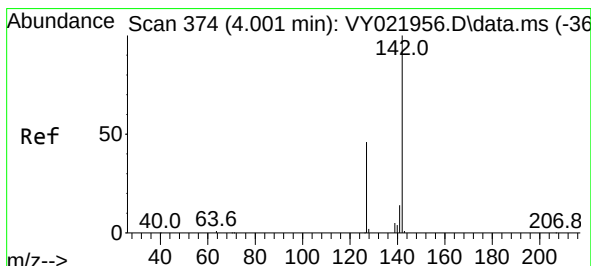
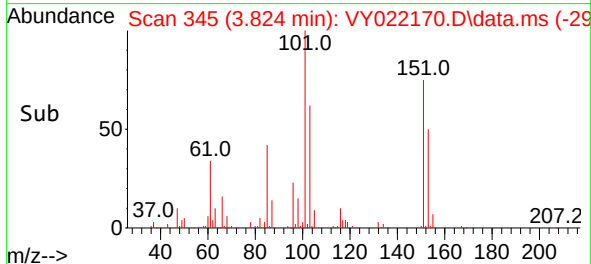
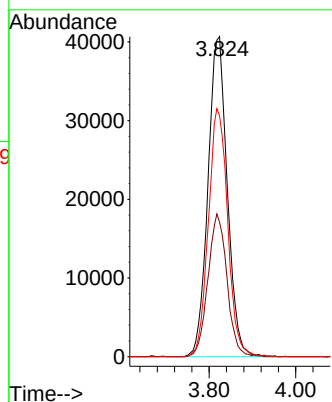
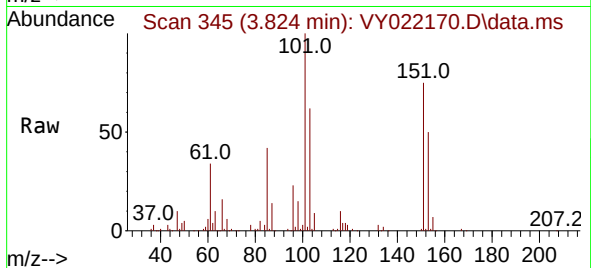
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.329 ug/l
RT: 3.824 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12613
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 77.5 63.7 95.5

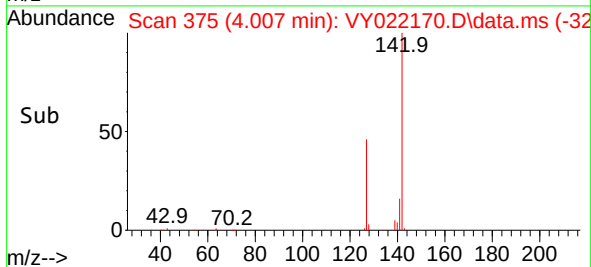
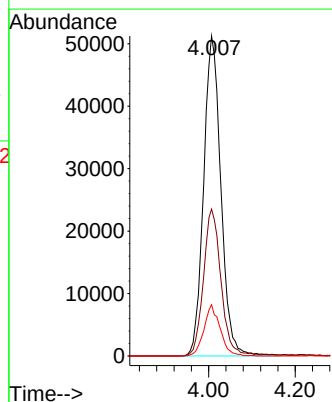
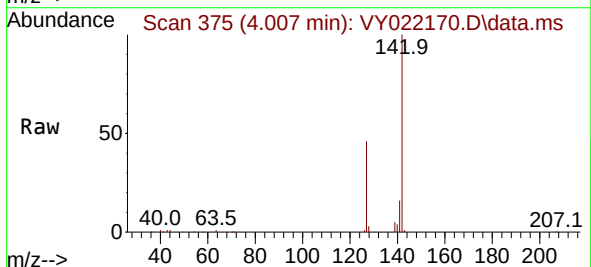
Manual Integrations
APPROVED

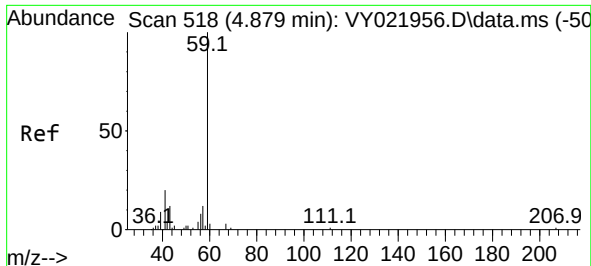
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#10
Methyl Iodide
Concen: 48.044 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

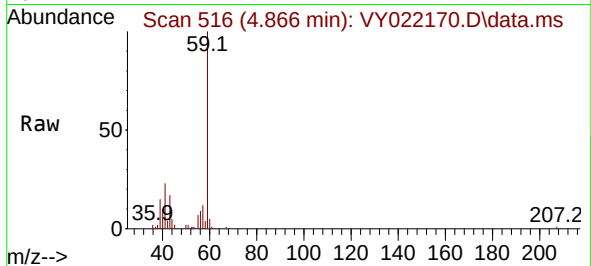
Tgt Ion:142 Resp: 142230
Ion Ratio Lower Upper
142 100
127 46.4 36.2 54.2
141 15.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 244.379 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

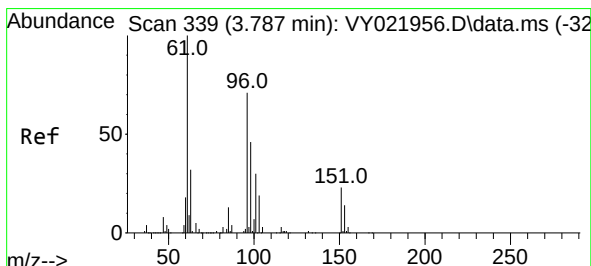
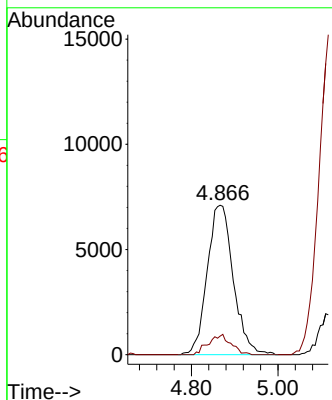
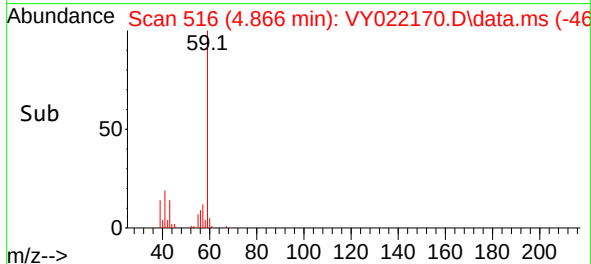
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 29710
Ion Ratio Lower Upper
59 100
57 11.7 9.3 13.9

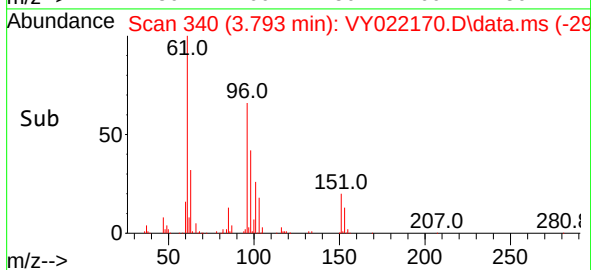
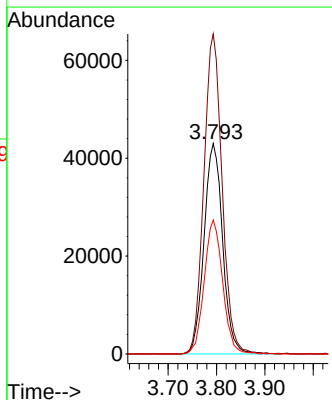
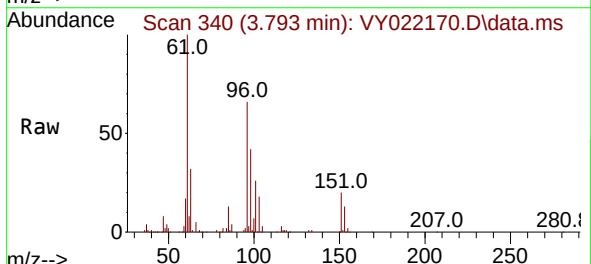
Manual Integrations
APPROVED

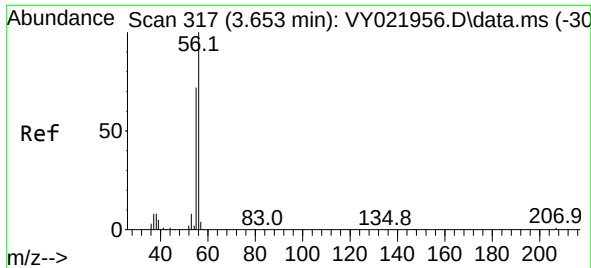
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#12
1,1-Dichloroethene
Concen: 48.234 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

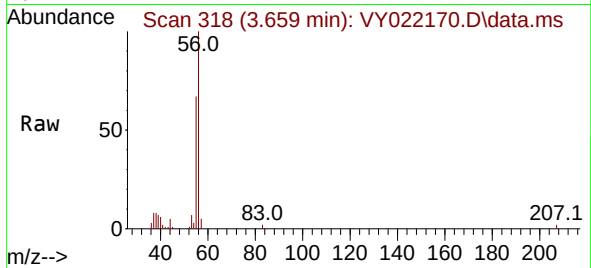
Tgt Ion: 96 Resp: 114957
Ion Ratio Lower Upper
96 100
61 152.1 113.0 169.4
98 63.7 51.4 77.2





#13
Acrolein
Concen: 93.226 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

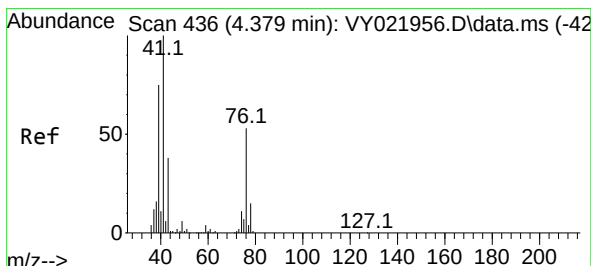
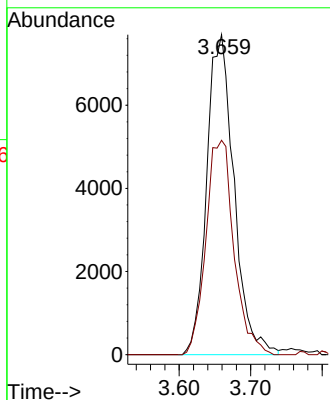
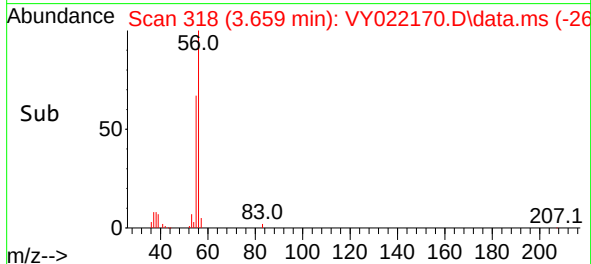
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



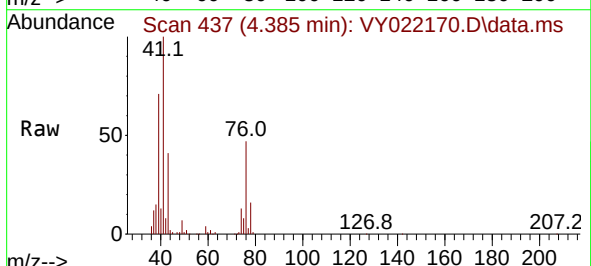
Tgt Ion: 56 Resp: 2034
Ion Ratio Lower Upper
56 100
55 69.0 57.4 86.0

Manual Integrations
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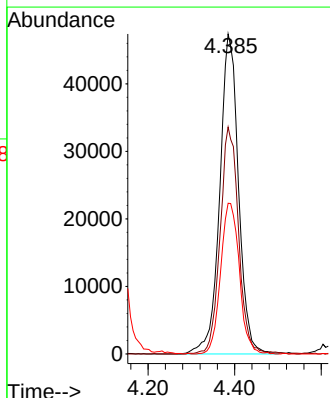
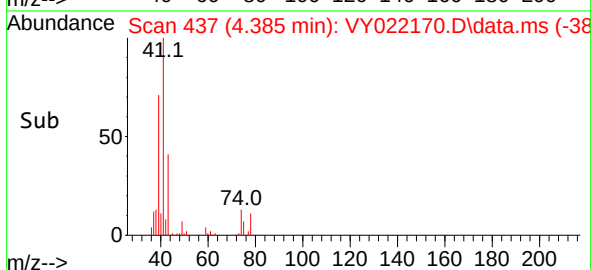
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

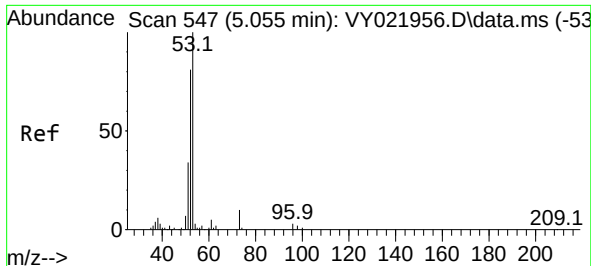


#14
Allyl chloride
Concen: 51.533 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



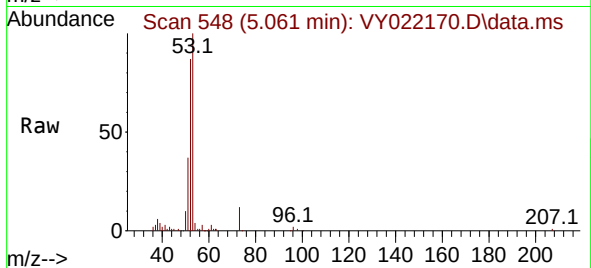
Tgt Ion: 41 Resp: 143009
Ion Ratio Lower Upper
41 100
39 69.3 57.2 85.8
76 47.0 39.7 59.5





#15
Acrylonitrile
Concen: 254.854 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

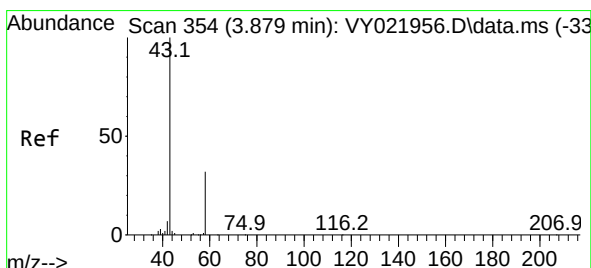
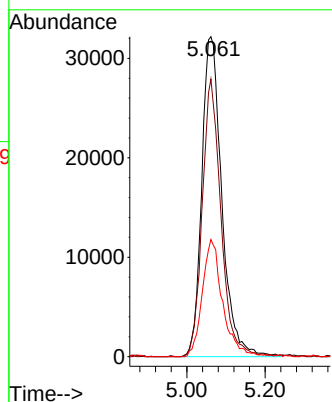
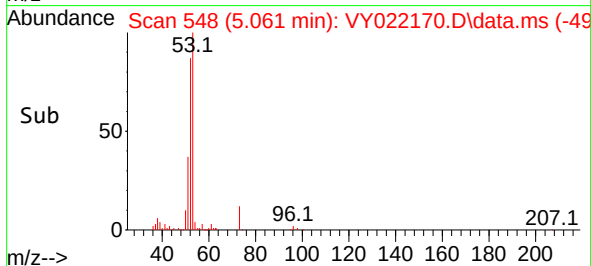
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 11446
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.6
51 36.8 28.9 43.3

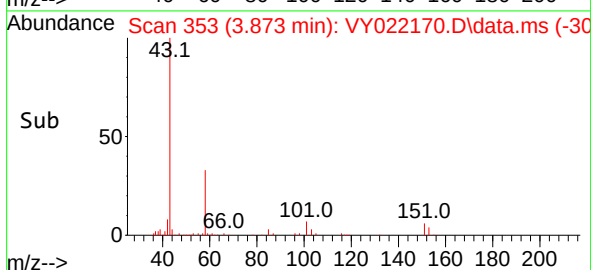
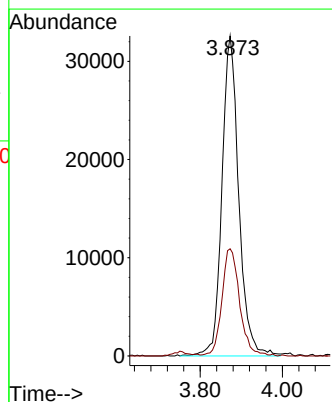
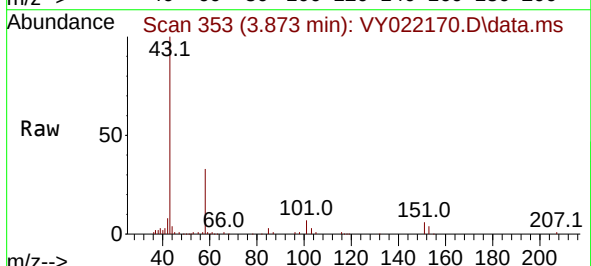
Manual Integrations
APPROVED

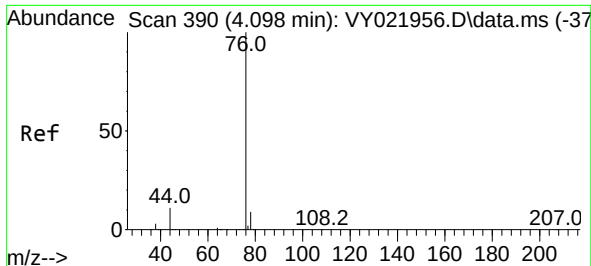
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#16
Acetone
Concen: 325.552 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

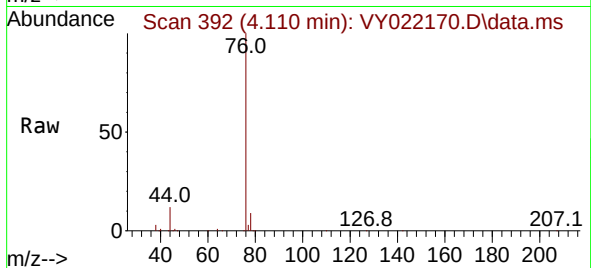
Tgt Ion: 43 Resp: 92493
Ion Ratio Lower Upper
43 100
58 33.3 27.0 40.4





#17
Carbon Disulfide
Concen: 46.612 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

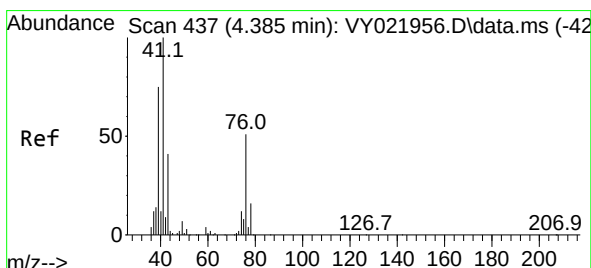
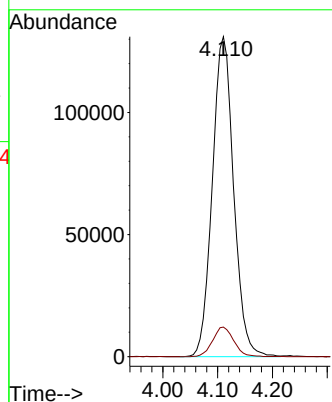
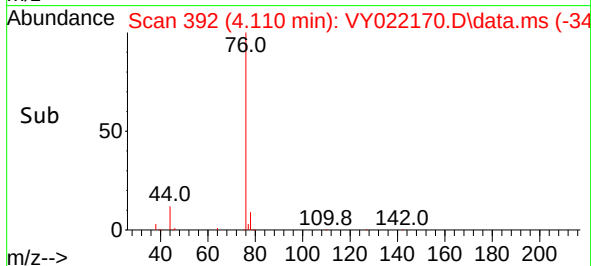
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



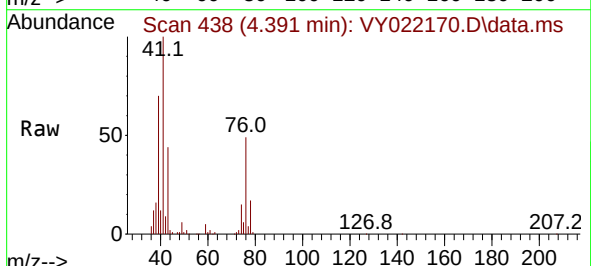
Tgt Ion: 76 Resp: 35421
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

Manual Integrations
APPROVED

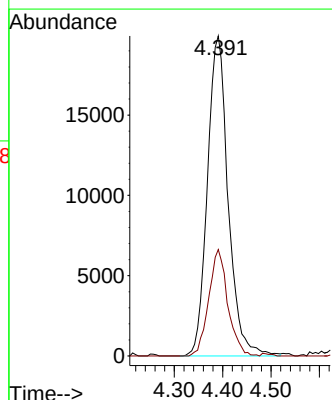
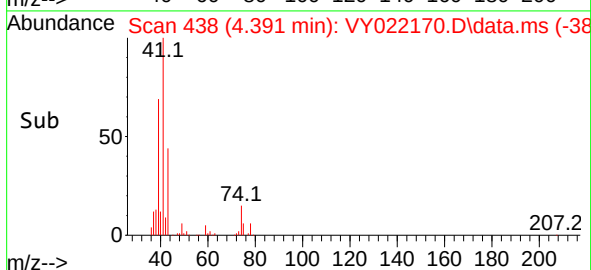
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

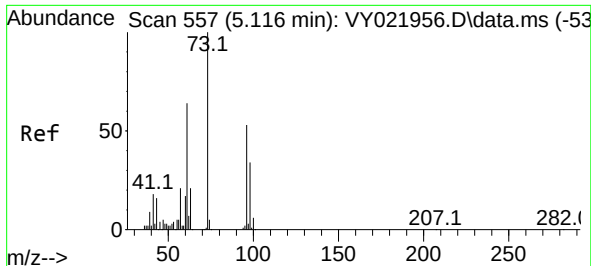


#18
Methyl Acetate
Concen: 57.410 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



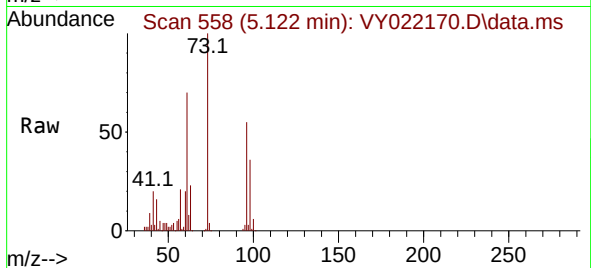
Tgt Ion: 43 Resp: 59387
Ion Ratio Lower Upper
43 100
74 30.6 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 50.294 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

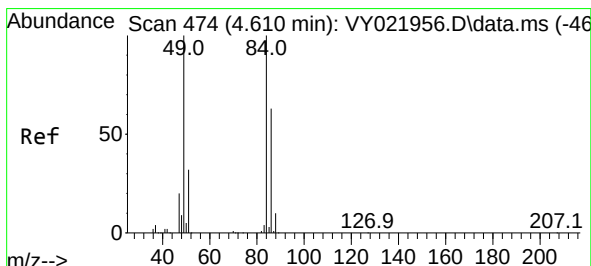
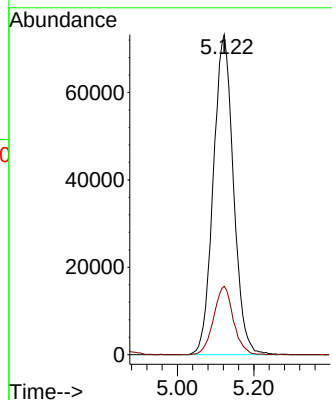
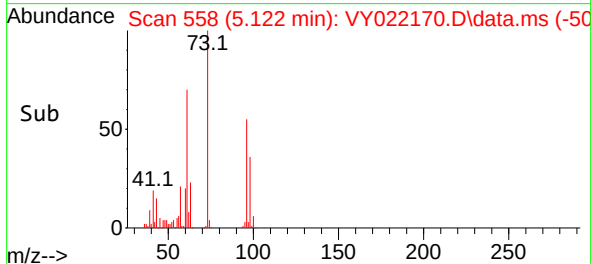
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



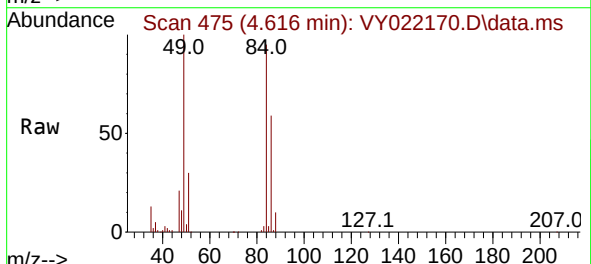
Tgt Ion: 73 Resp: 268280
Ion Ratio Lower Upper
73 100
57 21.4 16.9 25.3

Manual Integrations
APPROVED

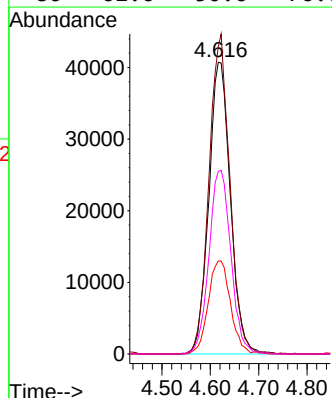
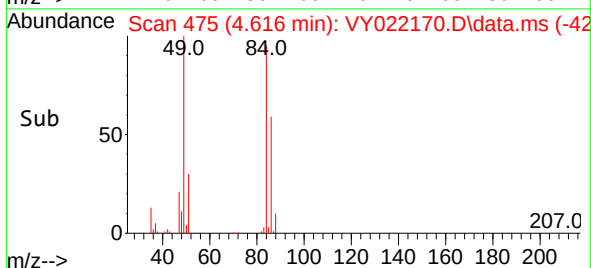
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

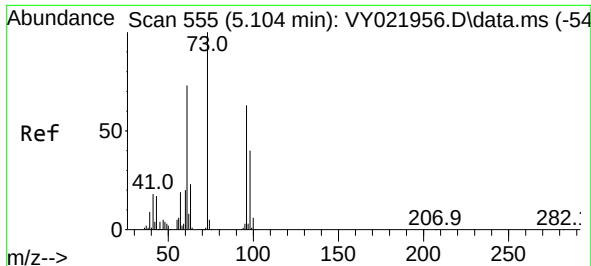


#20
Methylene Chloride
Concen: 45.132 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



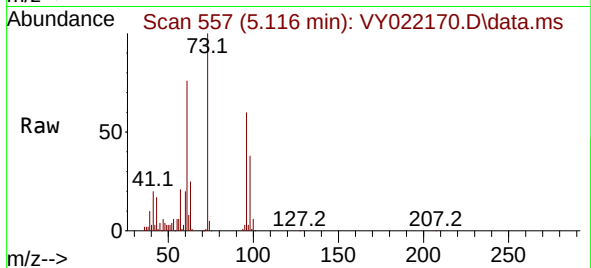
Tgt Ion: 84 Resp: 126376
Ion Ratio Lower Upper
84 100
49 105.3 79.9 119.9
51 31.8 25.4 38.0
86 62.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 49.912 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

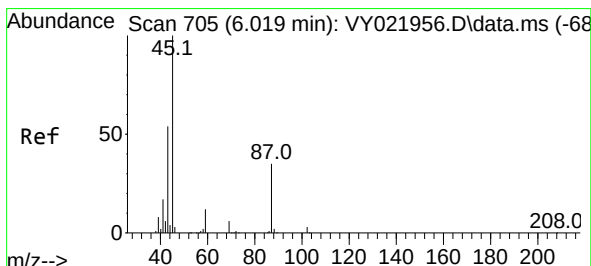
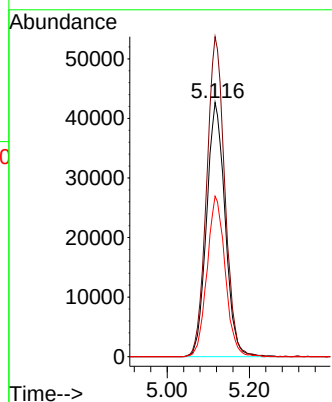
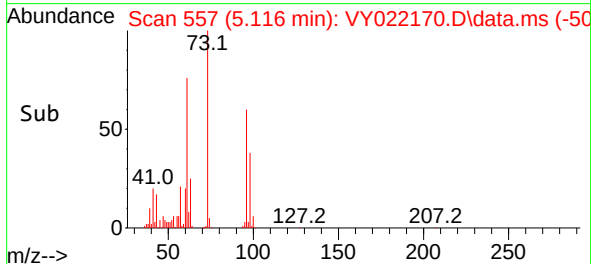
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



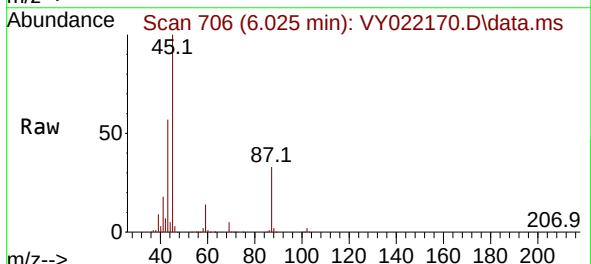
Tgt Ion: 96 Resp: 133224
Ion Ratio Lower Upper
96 100
61 125.9 92.6 138.8
98 63.1 50.2 75.4

Manual Integrations
APPROVED

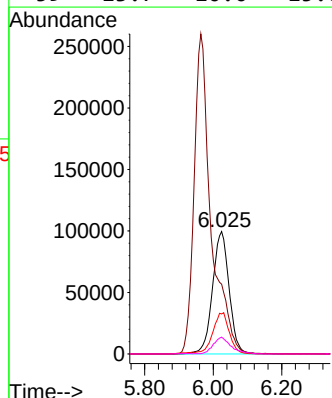
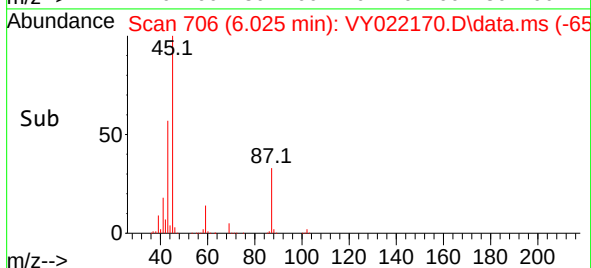
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

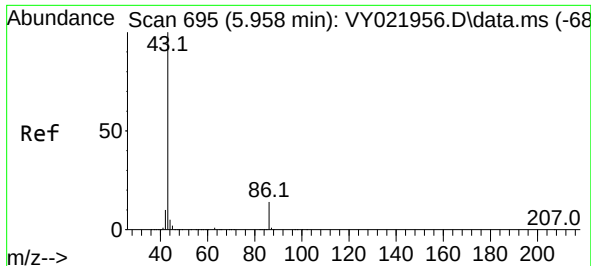


#22
Diisopropyl ether
Concen: 54.103 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



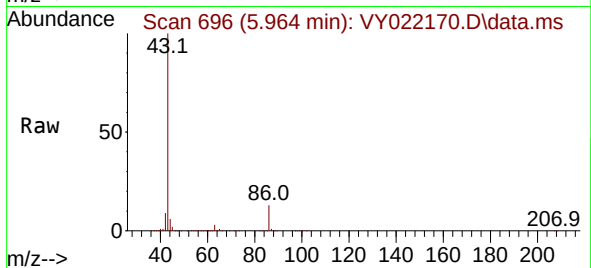
Tgt Ion: 45 Resp: 334127
Ion Ratio Lower Upper
45 100
43 56.9 43.6 65.4
87 32.8 28.2 42.4
59 13.7 10.0 15.0





#23
Vinyl Acetate
Concen: 268.116 ug/l
RT: 5.964 min Scan# 695
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

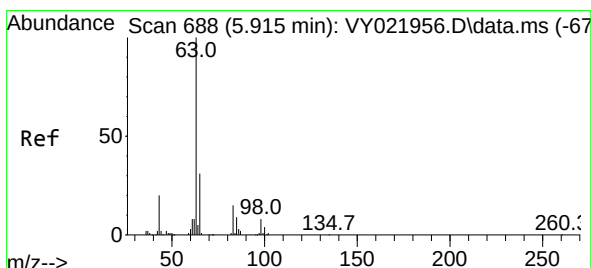
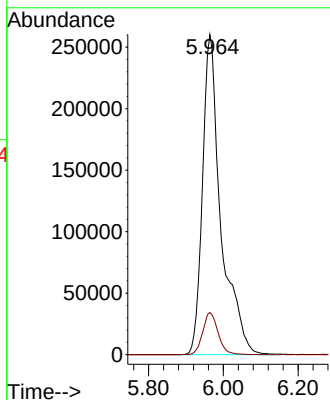
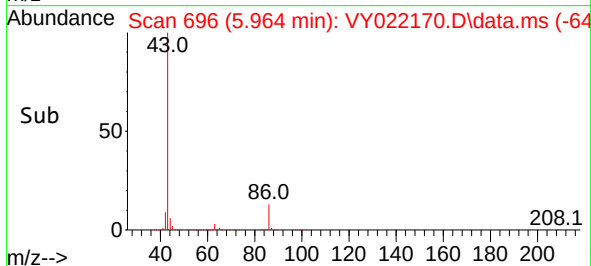
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



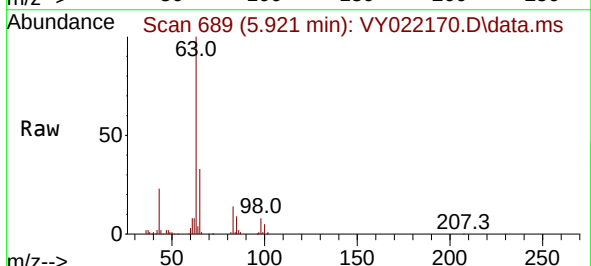
Tgt Ion: 43 Resp: 89237
Ion Ratio Lower Upper
43 100
86 13.2 11.1 16.7

Manual Integrations
APPROVED

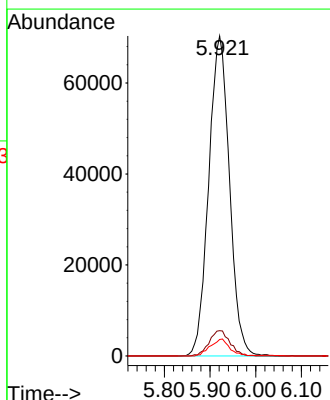
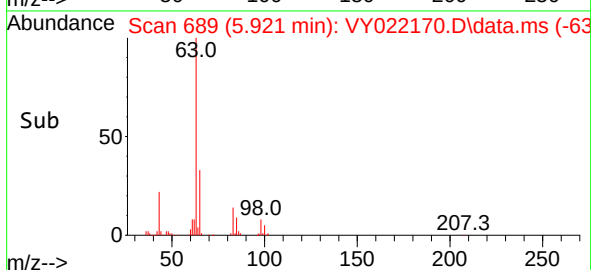
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

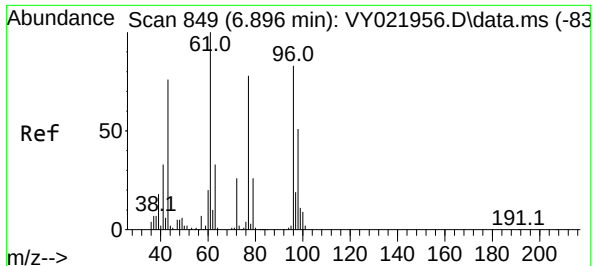


#24
1,1-Dichloroethane
Concen: 51.769 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



Tgt Ion: 63 Resp: 221609
Ion Ratio Lower Upper
63 100
98 7.9 4.0 11.9
100 5.1 2.0 6.0





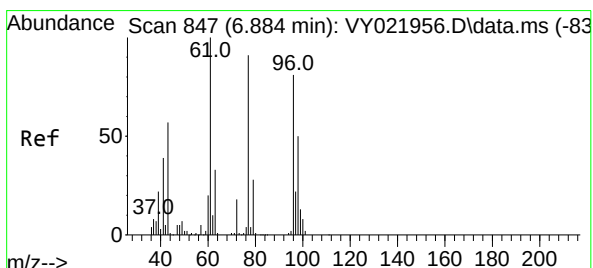
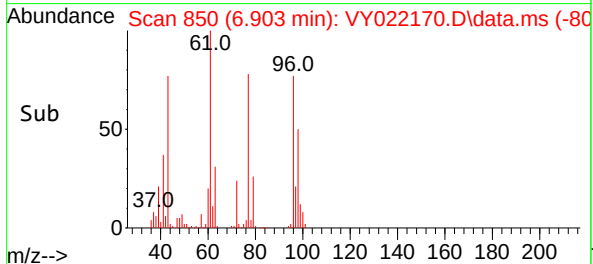
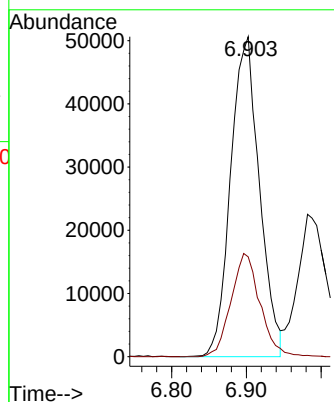
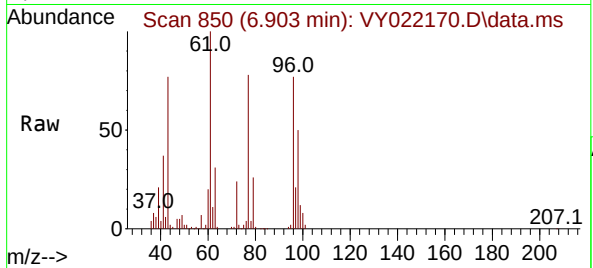
#25
2-Butanone
Concen: 268.255 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 135410
Ion Ratio Lower Upper
43 100
72 31.2 27.0 40.4

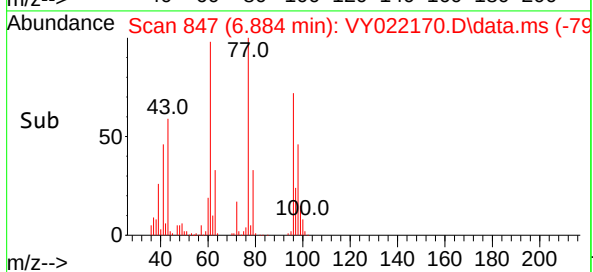
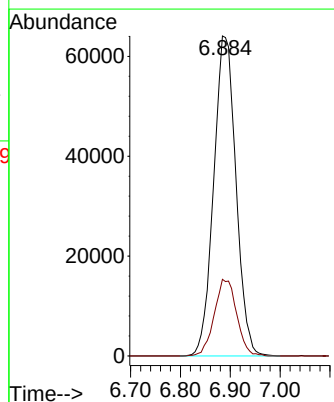
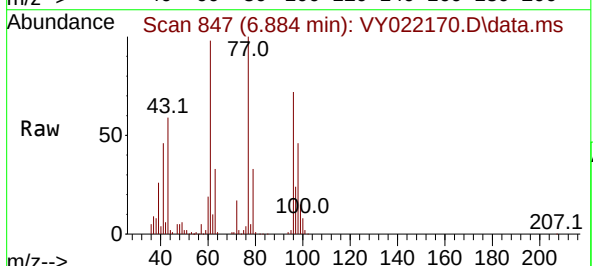
Manual Integrations
APPROVED

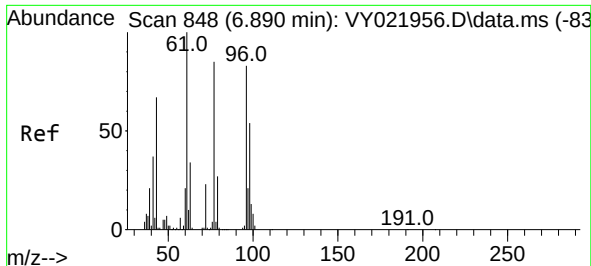
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#26
2,2-Dichloropropane
Concen: 53.023 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 77 Resp: 198938
Ion Ratio Lower Upper
77 100
97 24.1 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 50.577 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

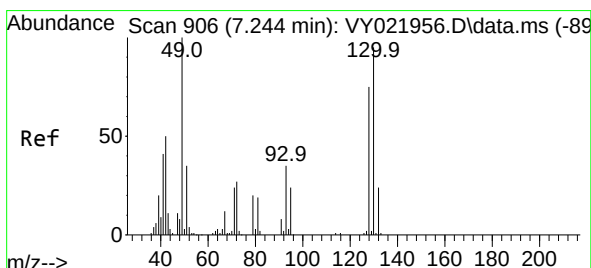
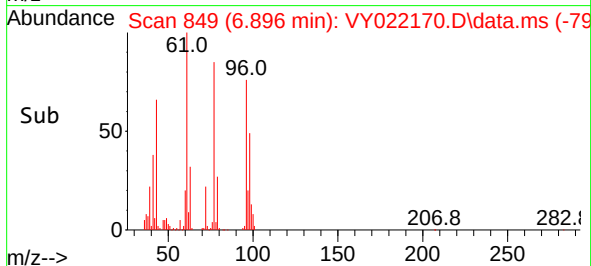
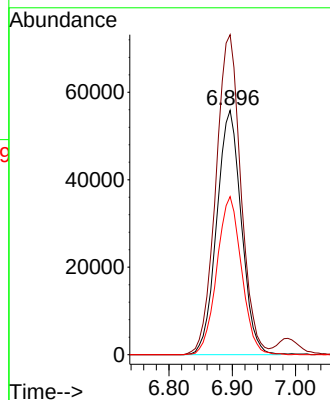
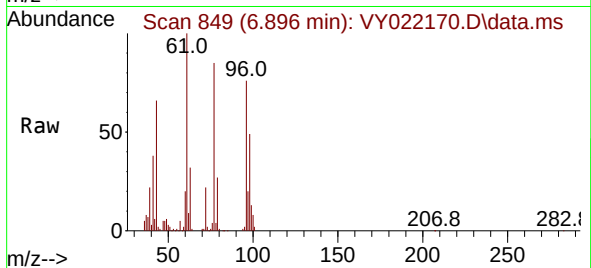
VSTDCCC050

Tgt Ion:	96	Resp:	150949
Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	251.4
98	64.8	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#28

Bromochloromethane

Concen: 50.463 ug/l

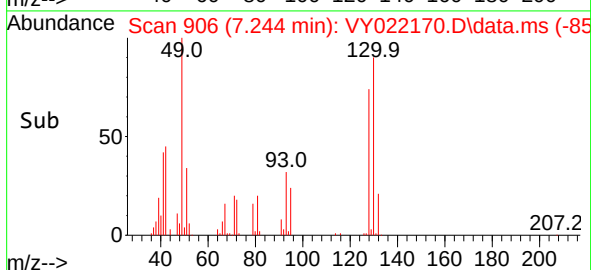
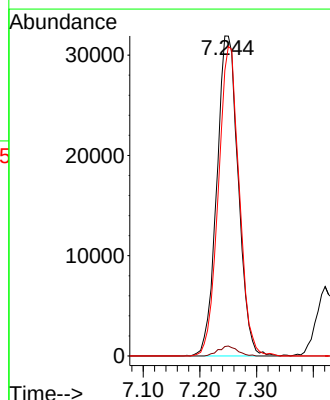
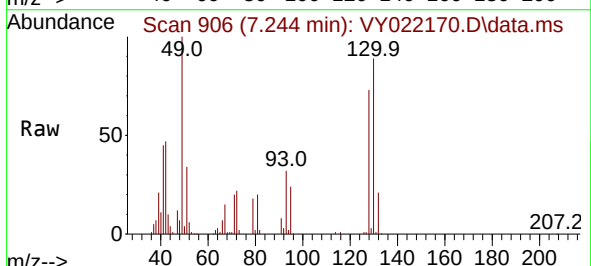
RT: 7.244 min Scan# 906

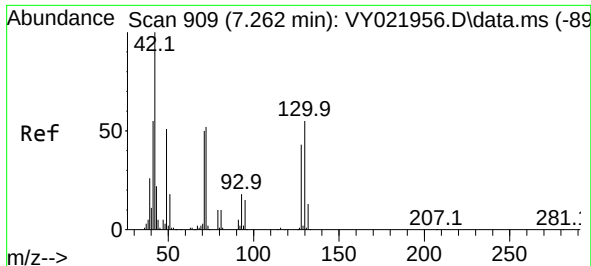
Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Tgt Ion:	49	Resp:	83906
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	93.7	78.2	117.4





#29

Tetrahydrofuran

Concen: 271.597 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

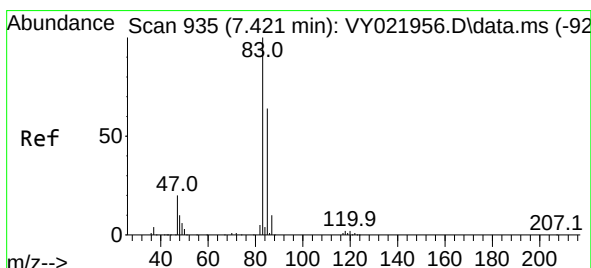
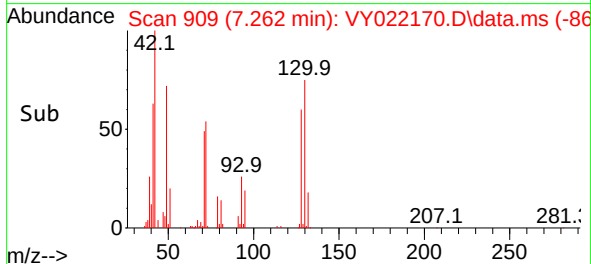
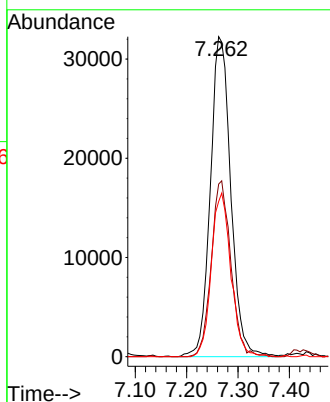
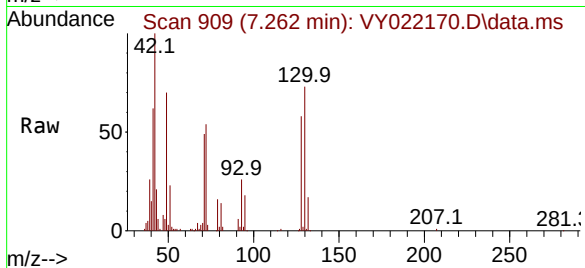
VSTDCCC050

Tgt Ion: 42	Resp: 8904
Ion Ratio	Lower Upper
42 100	
72 52.9	42.6 63.8
71 49.2	40.6 61.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#30

Chloroform

Concen: 51.434 ug/l

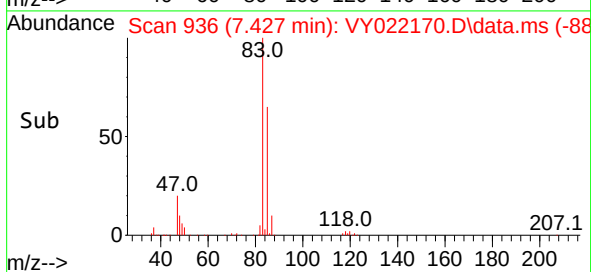
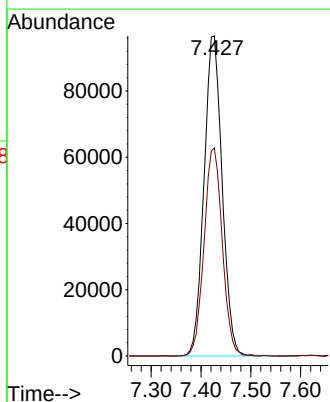
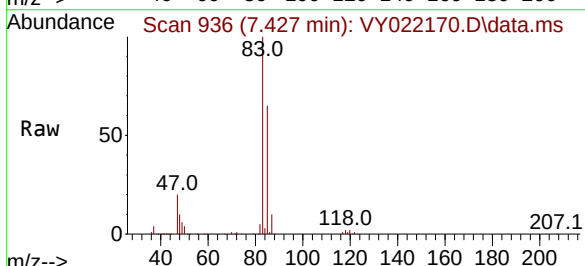
RT: 7.427 min Scan# 936

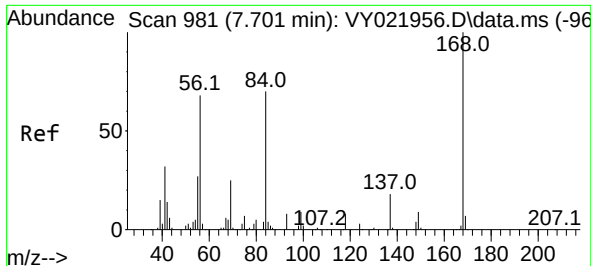
Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

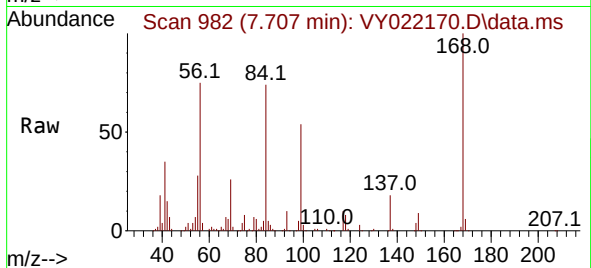
Tgt Ion: 83	Resp: 244222
Ion Ratio	Lower Upper
83 100	
85 65.0	51.3 76.9





#31
Cyclohexane
Concen: 50.801 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

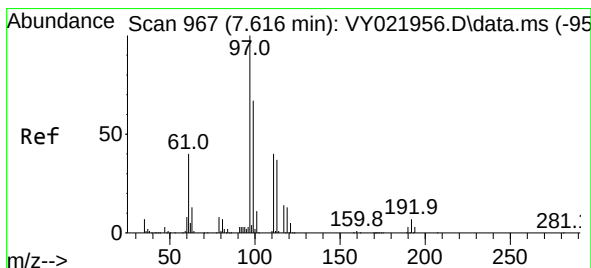
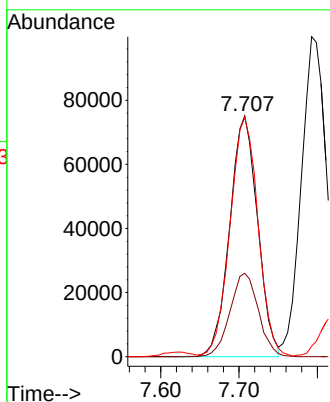
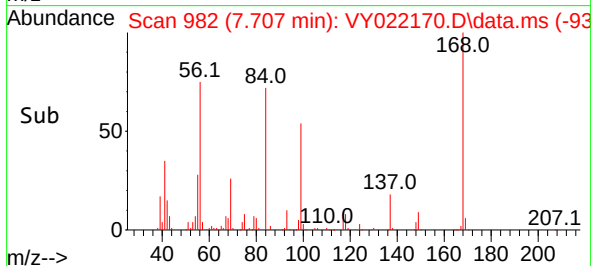
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



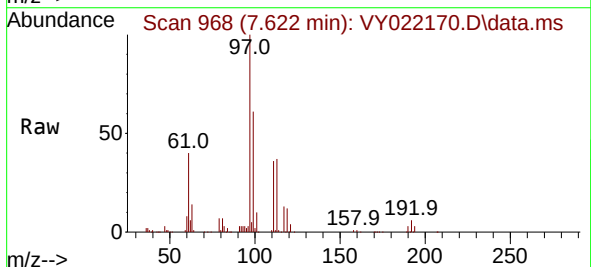
Tgt Ion: 56 Resp: 18596
Ion Ratio Lower Upper
56 100
69 34.6 29.4 44.2
84 97.4 82.2 123.4

Manual Integrations
APPROVED

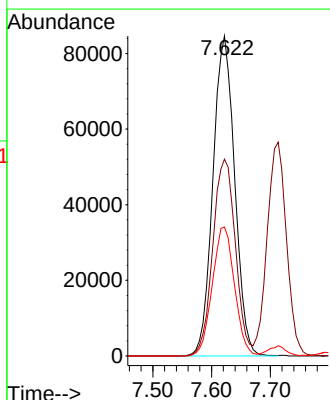
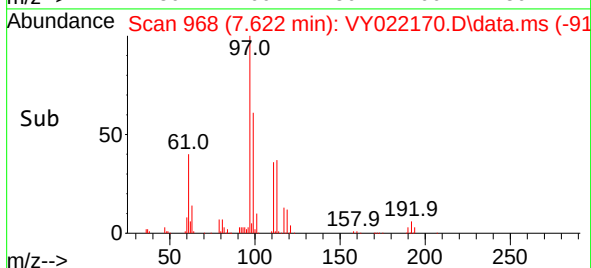
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

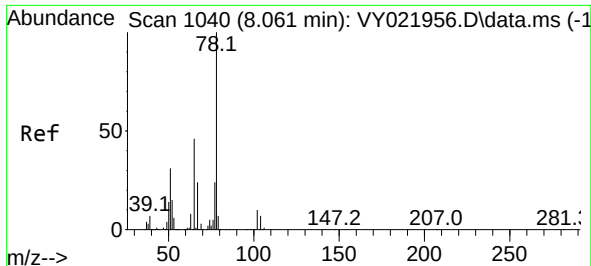


#32
1,1,1-Trichloroethane
Concen: 50.699 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



Tgt Ion: 97 Resp: 217798
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 41.1 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 50.010 ug/l

RT: 8.067 min Scan# 11074

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 110740

Ion Ratio Lower Upper

65 100

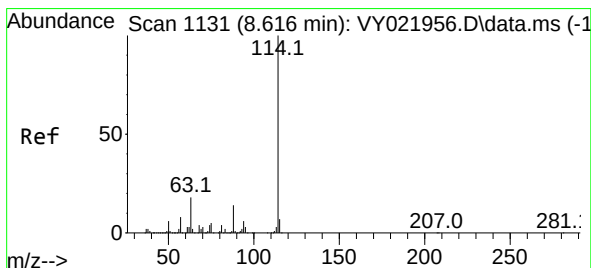
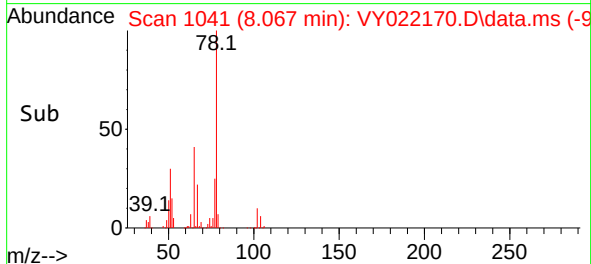
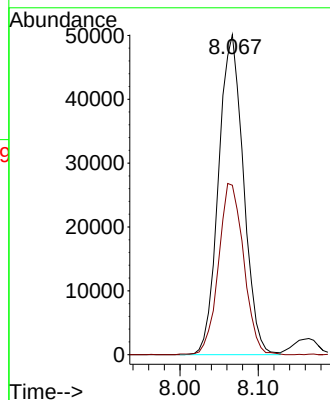
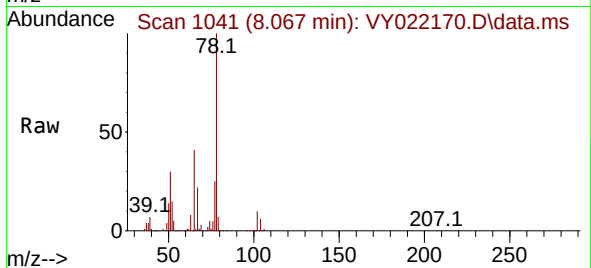
67 54.0 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025

Supervised By :Semsettin Yesilyurt 05/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

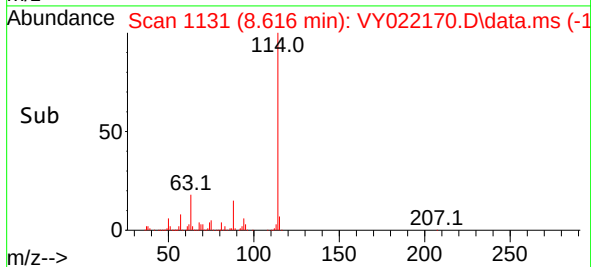
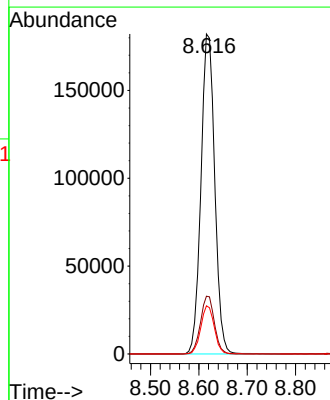
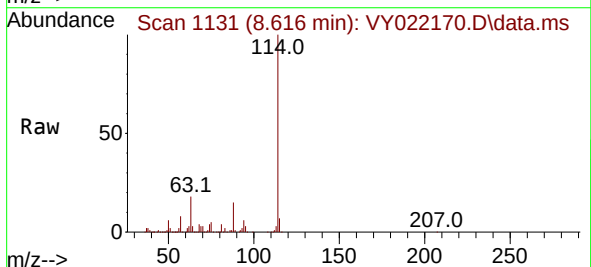
Tgt Ion:114 Resp: 360580

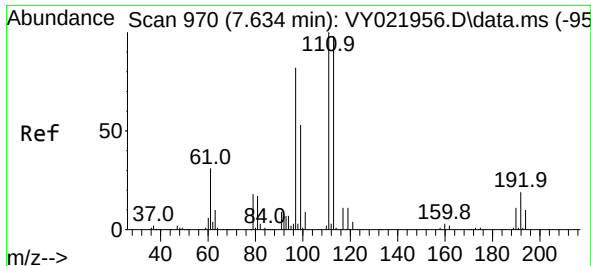
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.4

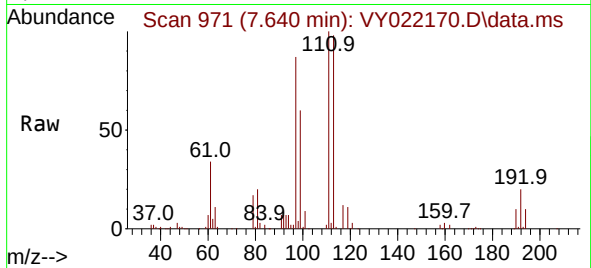
88 15.1 0.0 28.2





#35
Dibromofluoromethane
Concen: 50.504 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

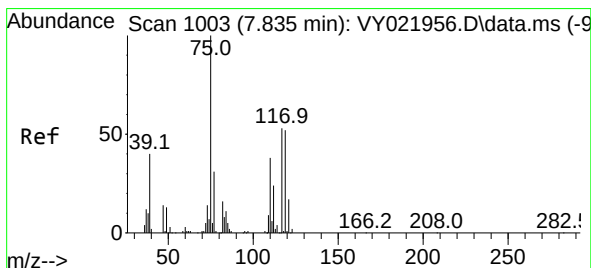
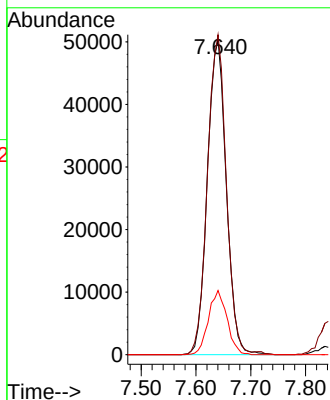
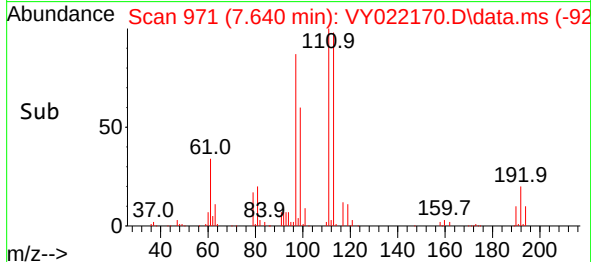
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



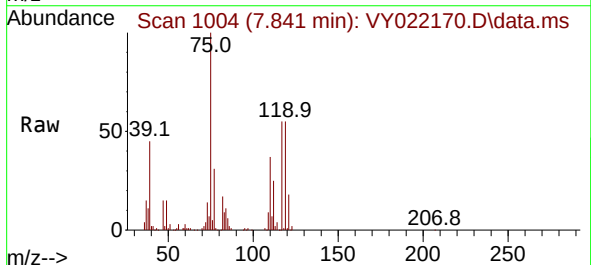
Tgt Ion: 113 Resp: 12031
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 20.1 15.6 23.4

Manual Integrations
APPROVED

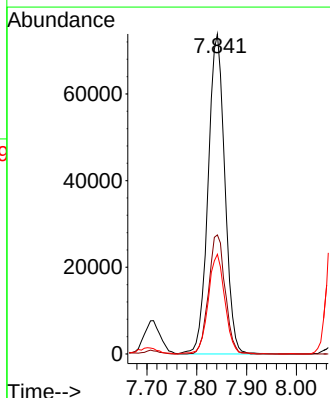
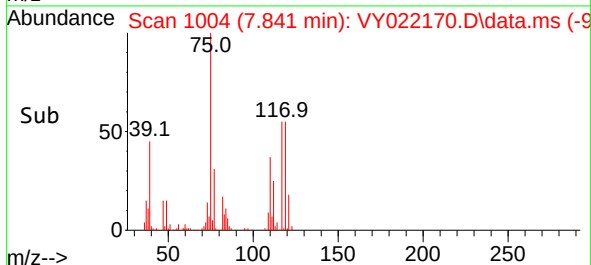
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

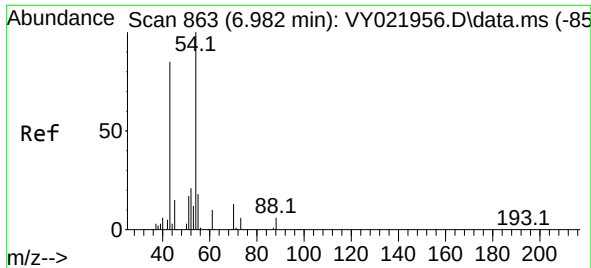


#36
1,1-Dichloropropene
Concen: 53.592 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



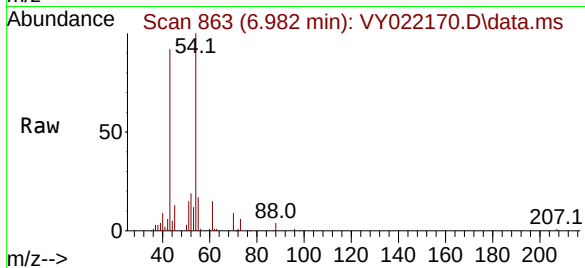
Tgt Ion: 75 Resp: 171489
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.3
77 31.1 25.5 38.3





#37
Ethyl Acetate
Concen: 54.533 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

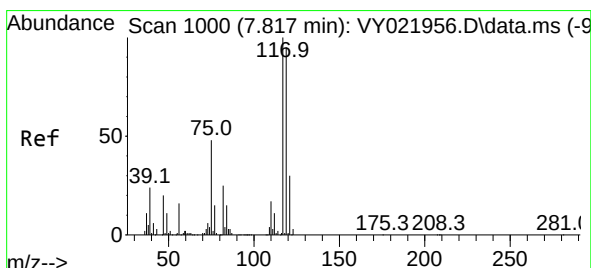
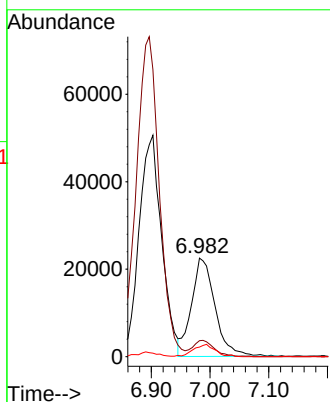
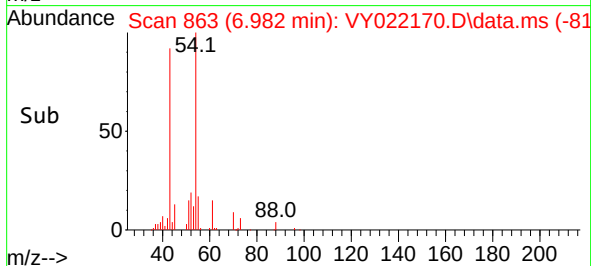
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



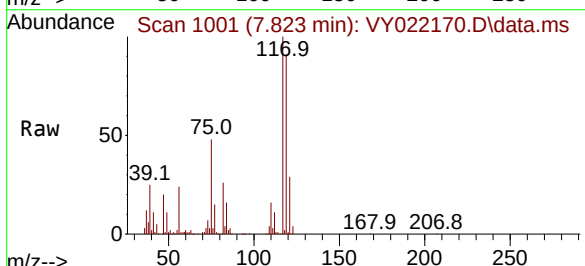
Tgt Ion: 43 Resp: 62672
Ion Ratio Lower Upper
43 100
61 15.4 13.8 20.6
70 11.5 9.2 13.8

Manual Integrations
APPROVED

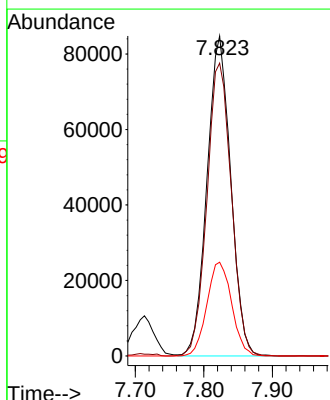
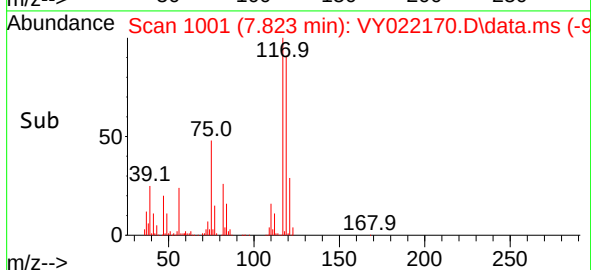
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

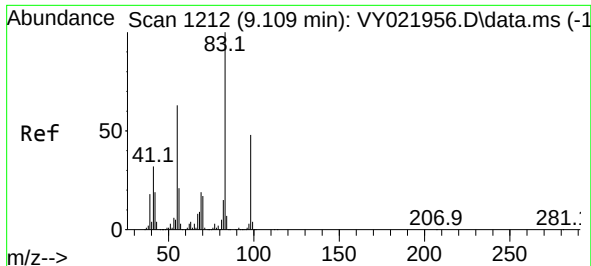


#38
Carbon Tetrachloride
Concen: 53.235 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



Tgt Ion:117 Resp: 203555
Ion Ratio Lower Upper
117 100
119 91.5 76.2 114.4
121 29.3 24.0 36.0





#39

Methylcyclohexane

Concen: 53.975 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022170.D

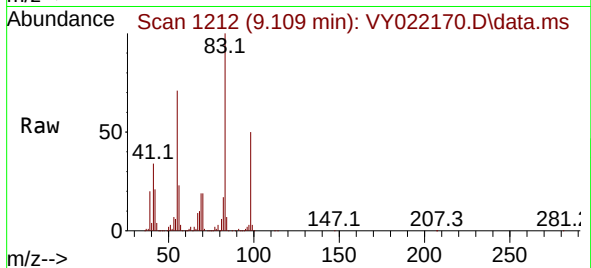
Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

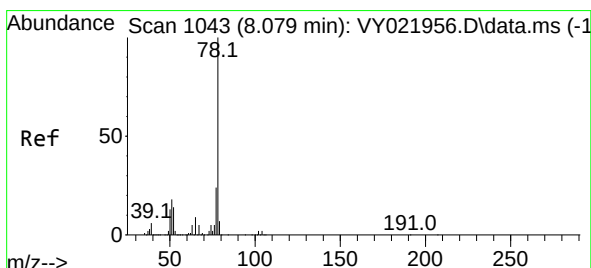
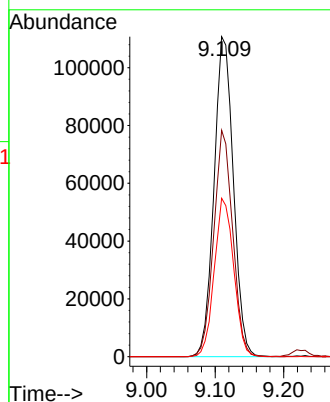
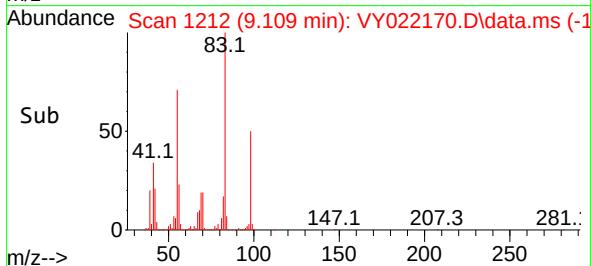


Tgt Ion: 83	Resp: 21735
Ion Ratio	Lower Upper
83	100
55	70.7 50.6 75.8
98	49.5 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#40

Benzene

Concen: 52.935 ug/l

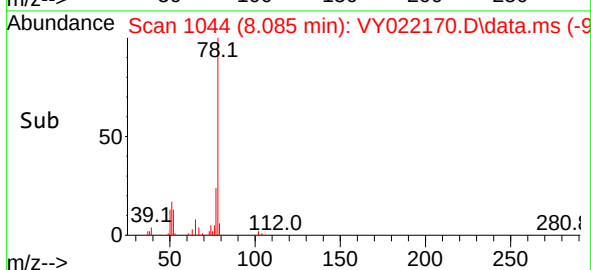
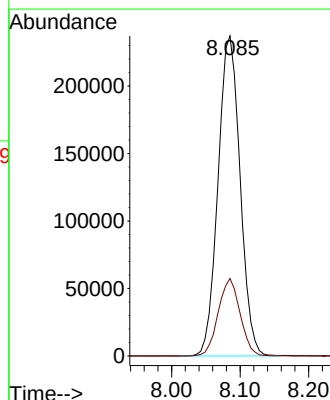
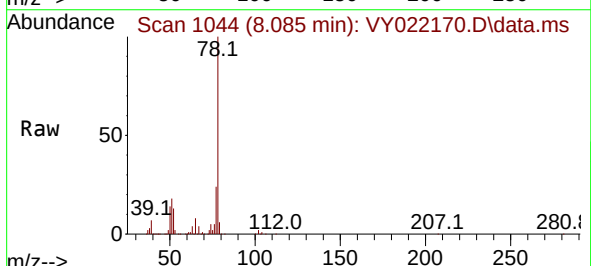
RT: 8.085 min Scan# 1044

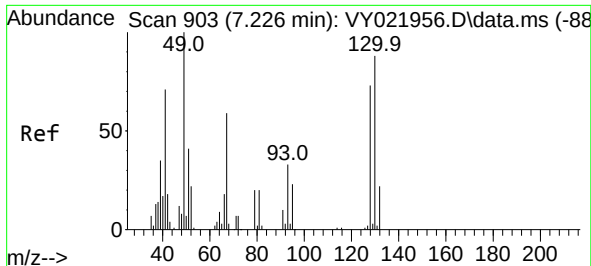
Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

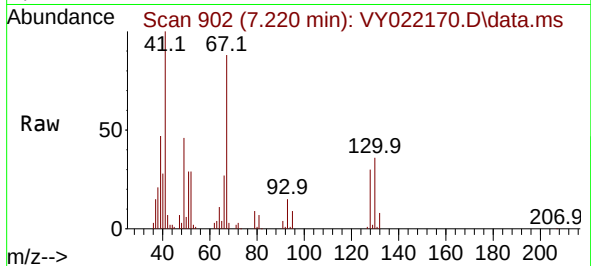
Tgt Ion: 78	Resp: 529500
Ion Ratio	Lower Upper
78	100
77	24.2 19.3 28.9





#41
Methacrylonitrile
Concen: 52.375 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

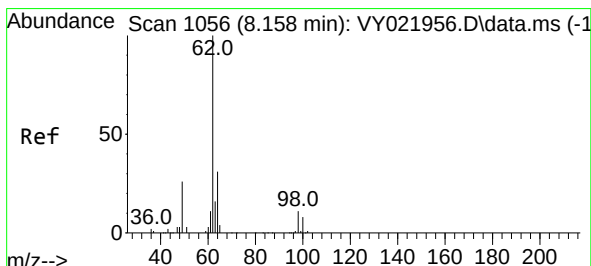
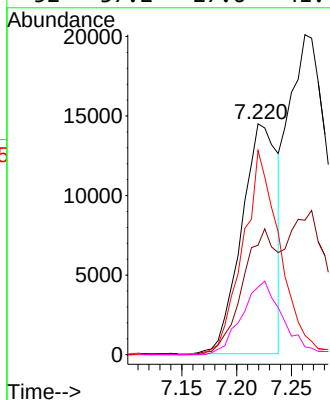
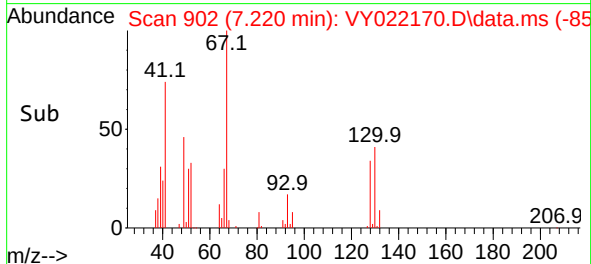
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 32904
Ion Ratio Lower Upper
41 100
39 52.5 36.6 55.0
67 92.1 72.2 108.4
52 37.2 27.6 41.4

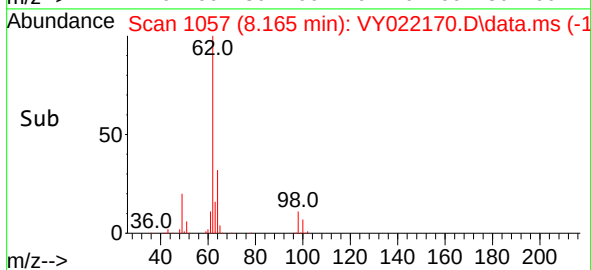
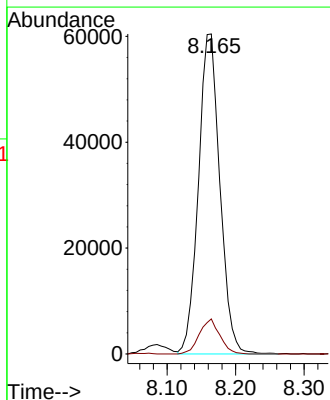
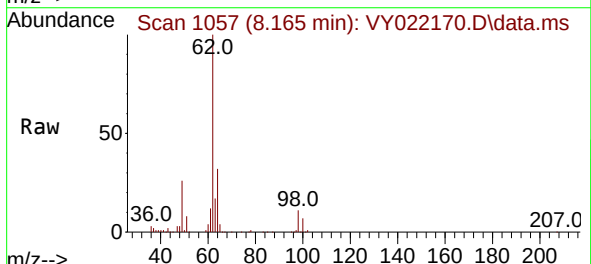
Manual Integrations
APPROVED

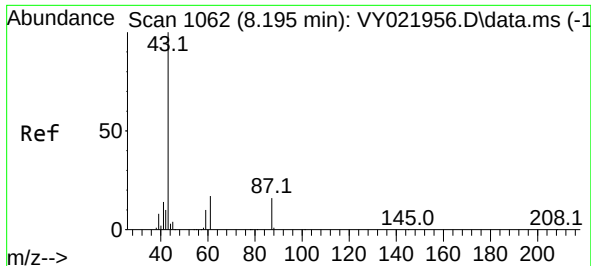
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#42
1,2-Dichloroethane
Concen: 53.280 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

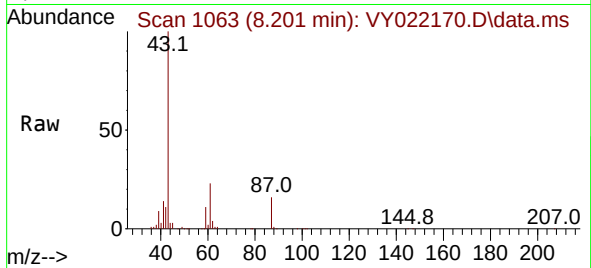
Tgt Ion: 62 Resp: 131950
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.0





#43
Isopropyl Acetate
Concen: 53.552 ug/l
RT: 8.201 min Scan# 11819
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

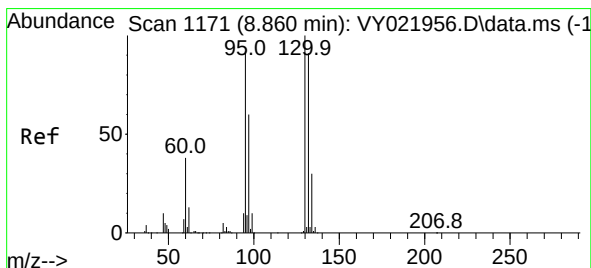
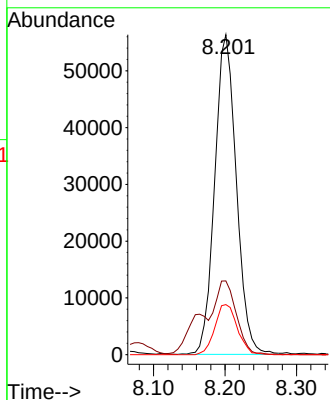
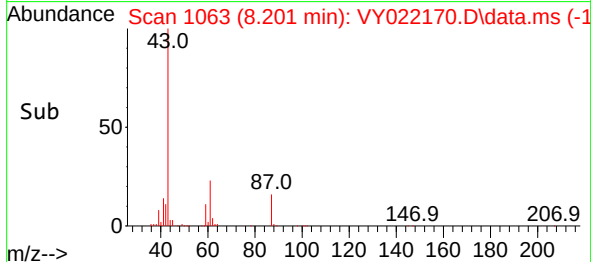
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 11819
Ion Ratio Lower Upper
43 100
61 23.1 18.9 28.3
87 16.3 13.7 20.5

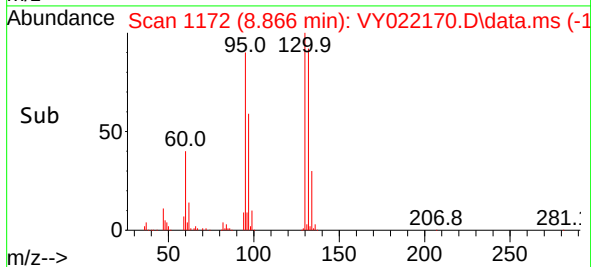
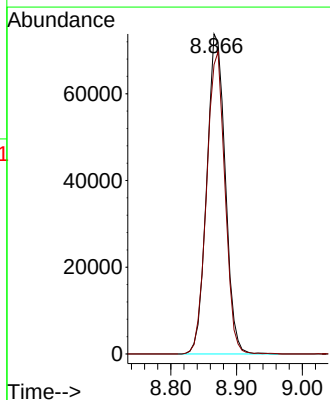
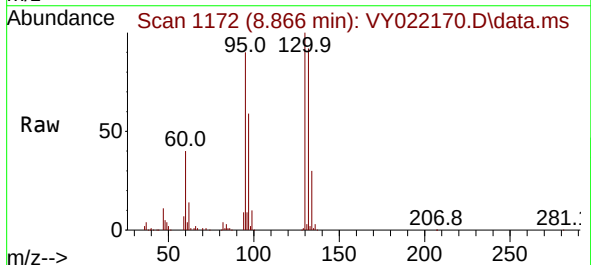
Manual Integrations
APPROVED

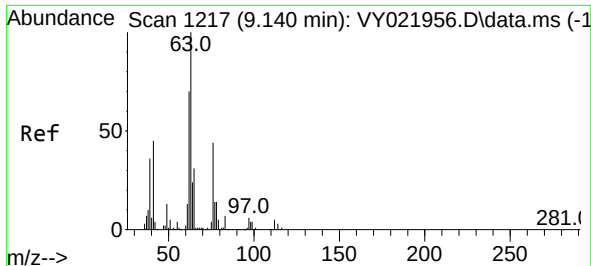
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#44
Trichloroethene
Concen: 52.045 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:130 Resp: 144198
Ion Ratio Lower Upper
130 100
95 90.4 0.0 183.2





#45

1,2-Dichloropropane

Concen: 54.827 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12128

Ion Ratio Lower Upper

63 100

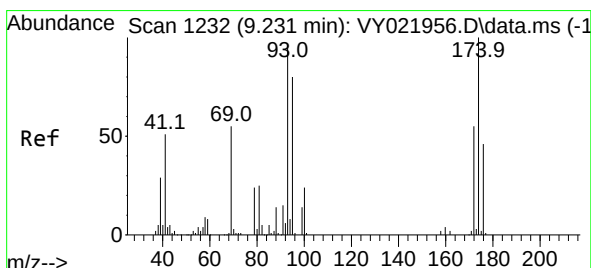
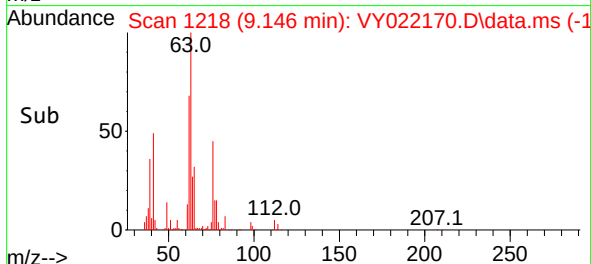
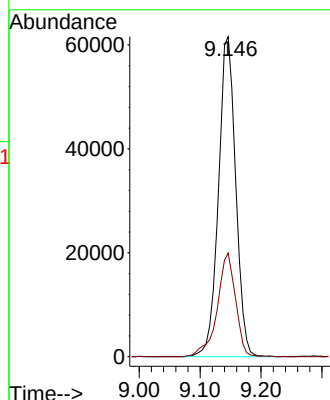
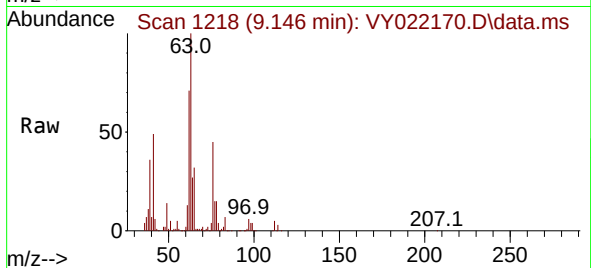
65 32.4 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025

Supervised By :Semsettin Yesilyurt 05/07/2025



#46

Dibromomethane

Concen: 52.804 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

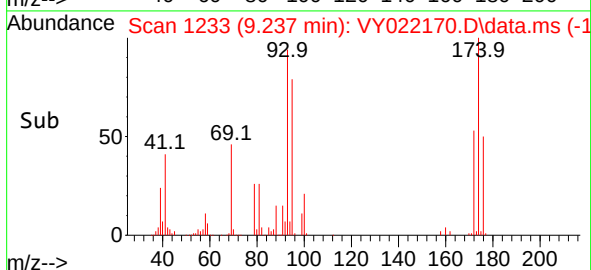
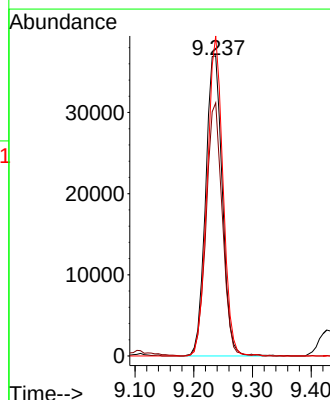
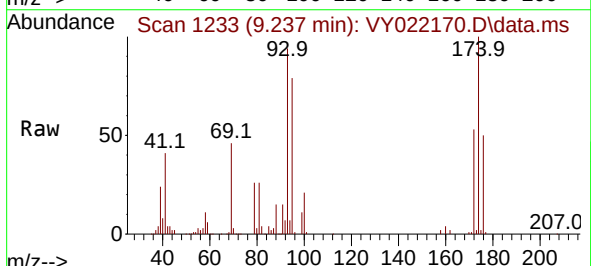
Tgt Ion: 93 Resp: 73119

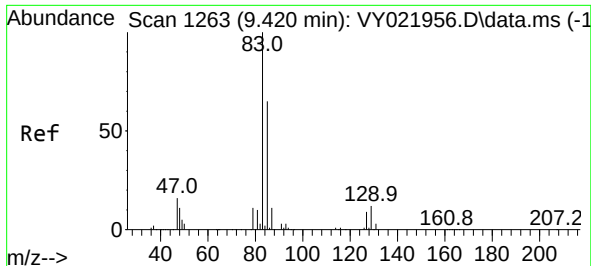
Ion Ratio Lower Upper

93 100

95 81.7 66.7 100.1

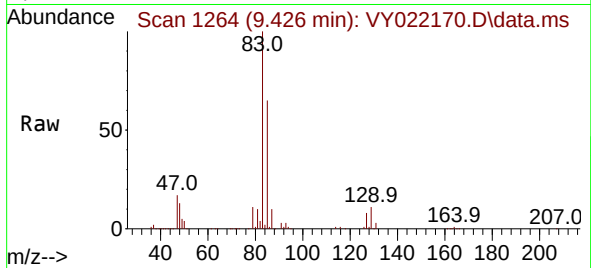
174 100.9 84.6 127.0





#47
Bromodichloromethane
Concen: 53.477 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

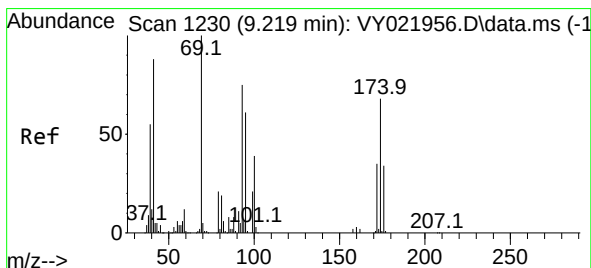
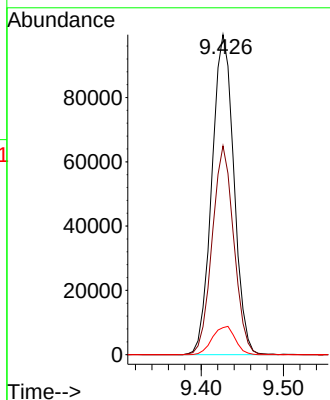
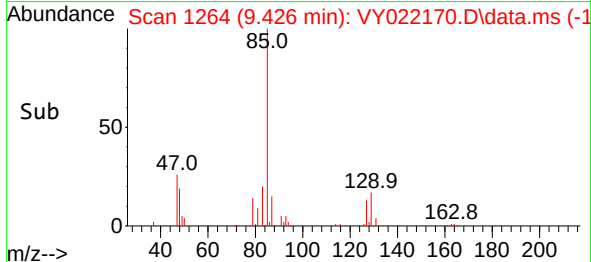
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 18499
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.8
127 8.4 7.0 10.6

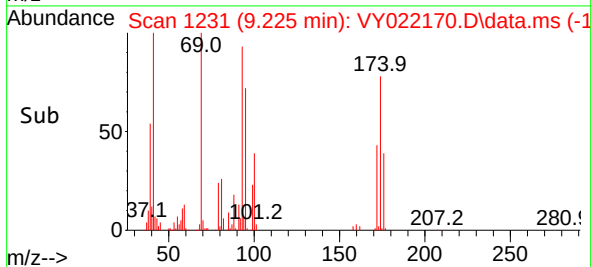
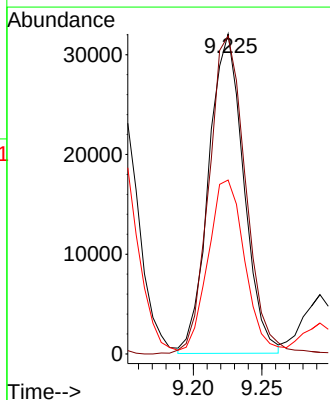
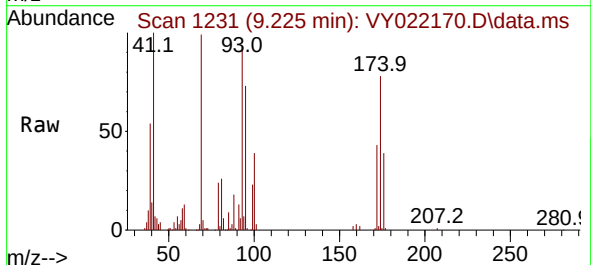
Manual Integrations
APPROVED

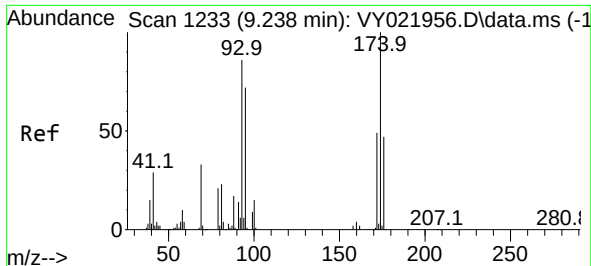
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#48
Methyl methacrylate
Concen: 55.686 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 41 Resp: 56815
Ion Ratio Lower Upper
41 100
69 104.8 85.5 128.3
39 55.0 46.2 69.4





#49

1,4-Dioxane

Concen: 1044.921 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

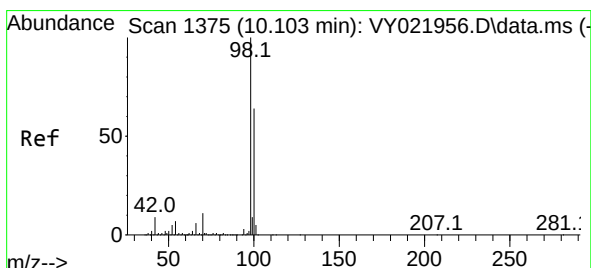
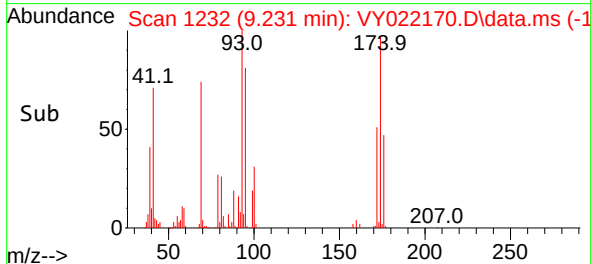
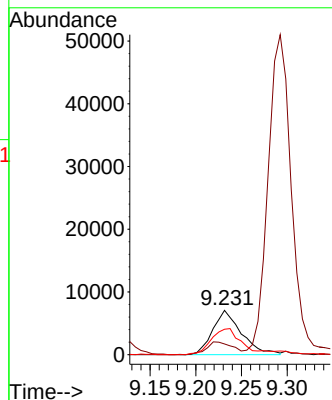
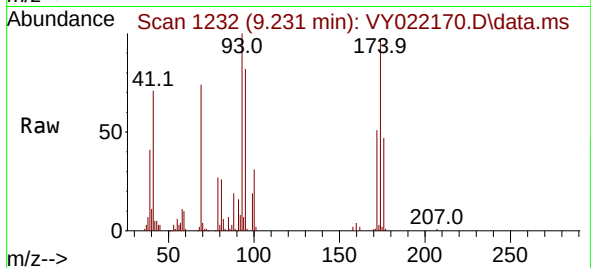
VSTDCCC050

Tgt Ion:	88	Resp:	1542
Ion Ratio	Lower	Upper	
88	100		
43	26.1	21.3	31.9
58	69.3	50.5	75.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#50

Toluene-d8

Concen: 51.530 ug/l

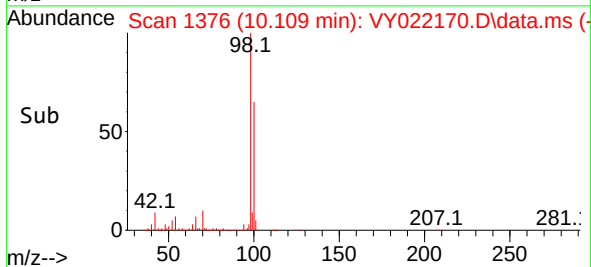
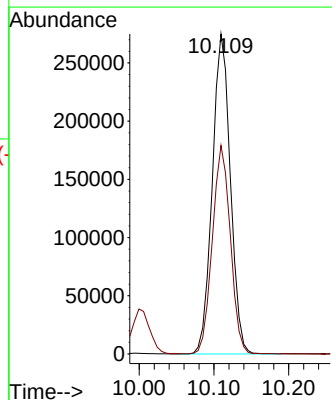
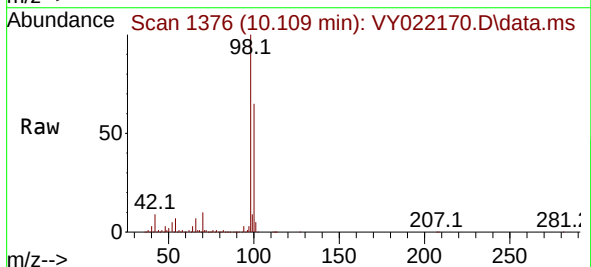
RT: 10.109 min Scan# 1376

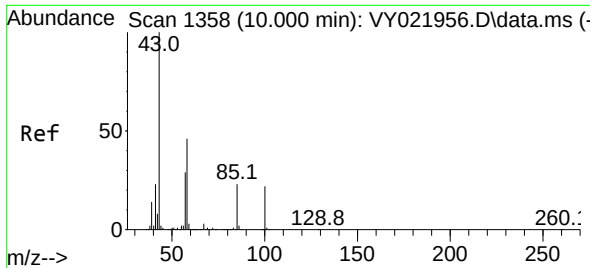
Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

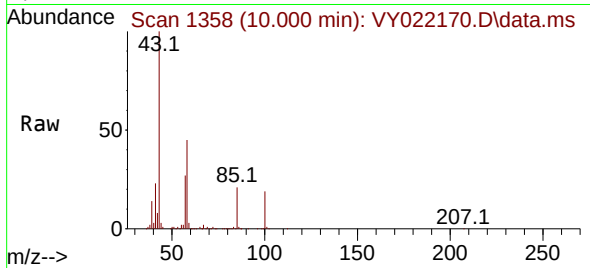
Tgt Ion:	98	Resp:	462783
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 284.953 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

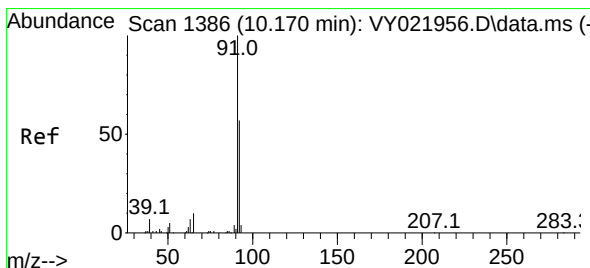
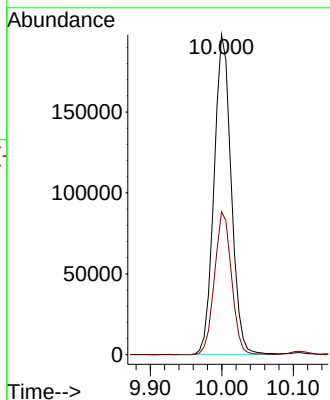
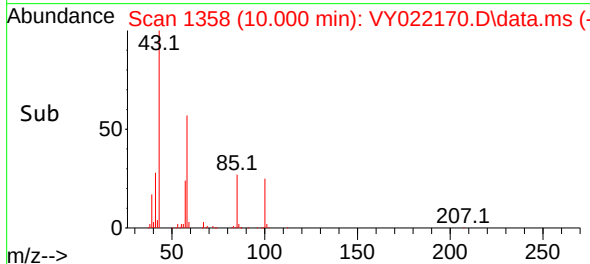
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 329679
Ion Ratio Lower Upper
43 100
58 44.5 36.6 55.0

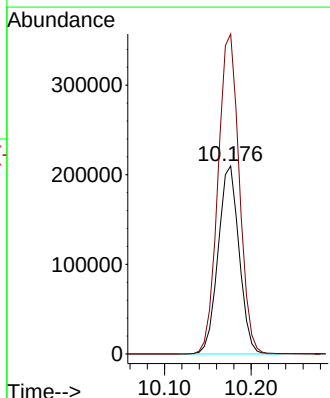
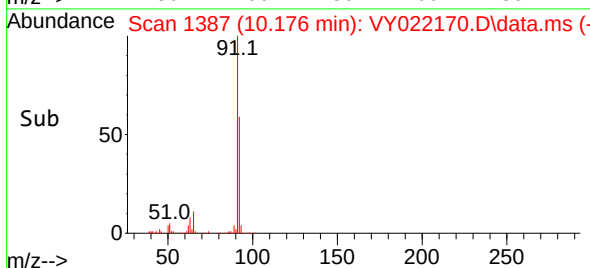
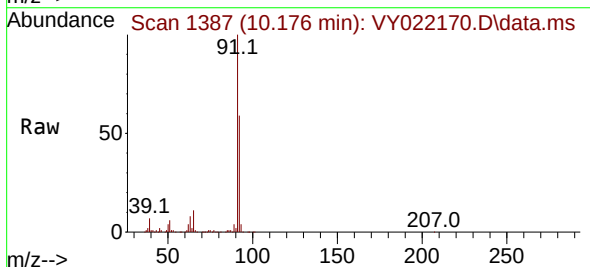
Manual Integrations
APPROVED

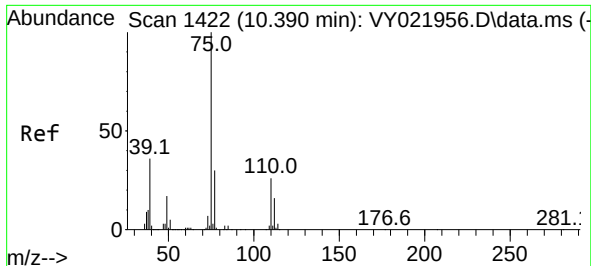
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#52
Toluene
Concen: 54.344 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

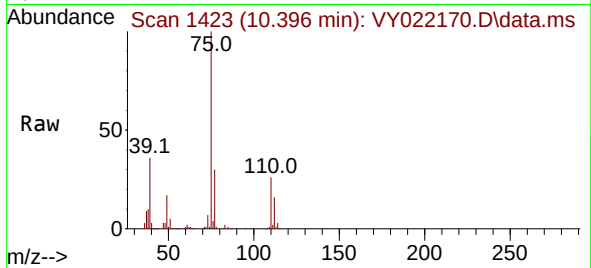
Tgt Ion: 92 Resp: 351869
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 55.059 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

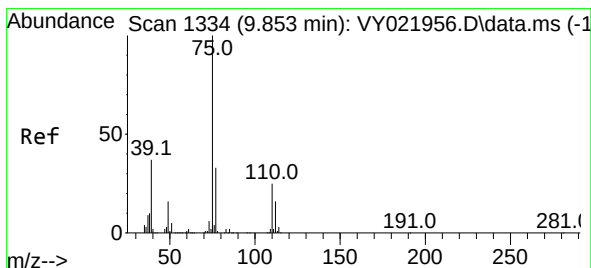
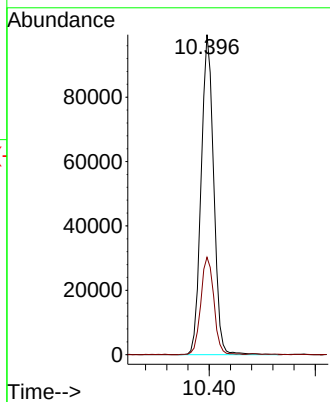
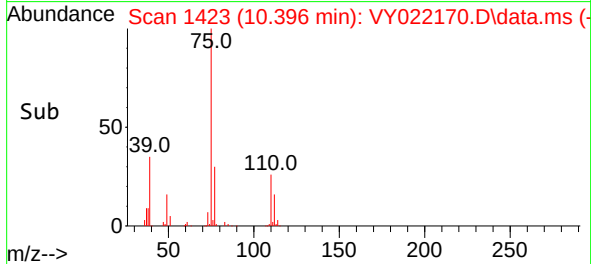
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



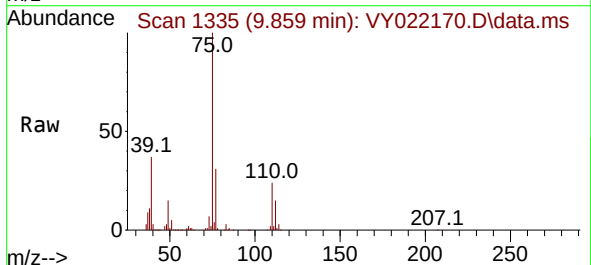
Tgt Ion: 75 Resp: 16337
Ion Ratio Lower Upper
75 100
77 30.5 24.0 36.0

Manual Integrations
APPROVED

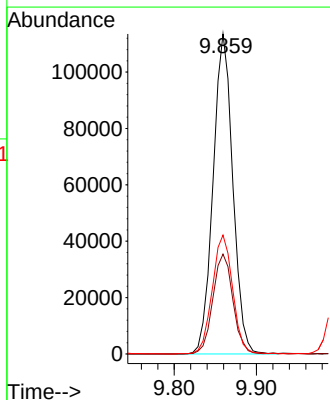
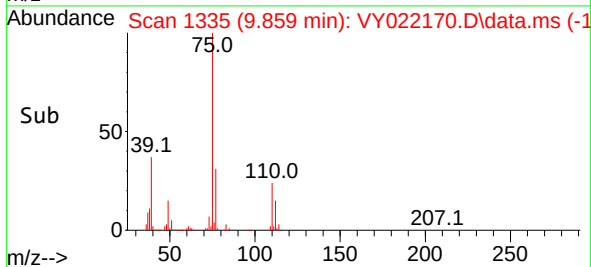
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

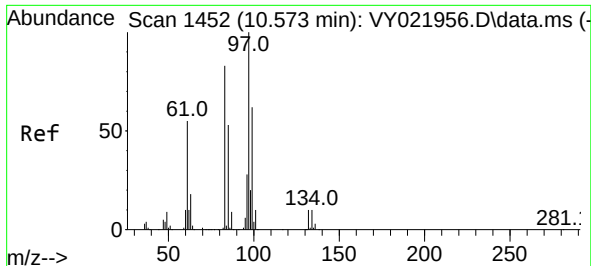


#54
cis-1,3-Dichloropropene
Concen: 53.717 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



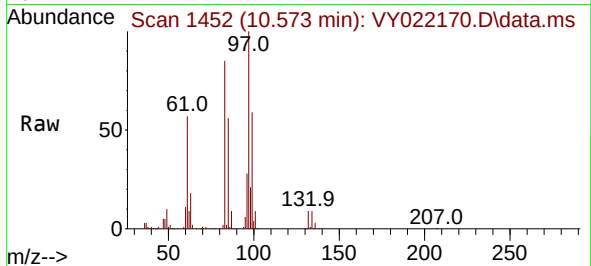
Tgt Ion: 75 Resp: 189466
Ion Ratio Lower Upper
75 100
77 31.2 26.6 40.0
39 37.1 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 53.748 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

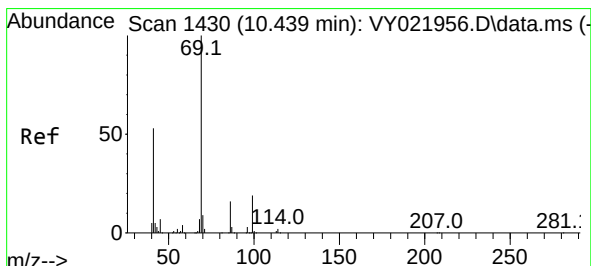
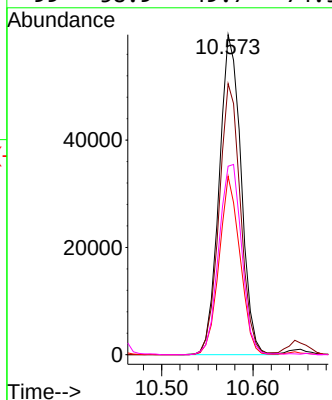
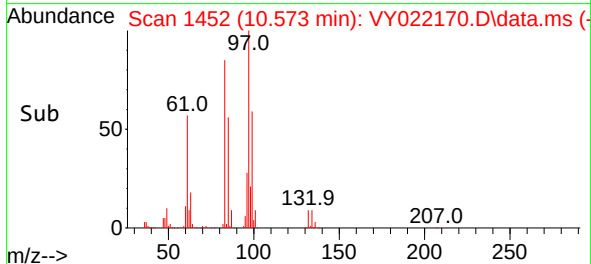
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



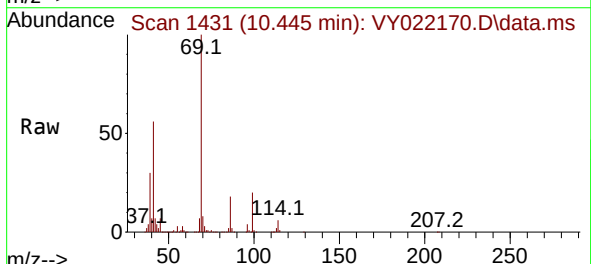
Tgt Ion:	97	Resp:	99410
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.7	100.1
85	55.8	42.6	64.0
99	58.9	49.7	74.5

Manual Integrations
APPROVED

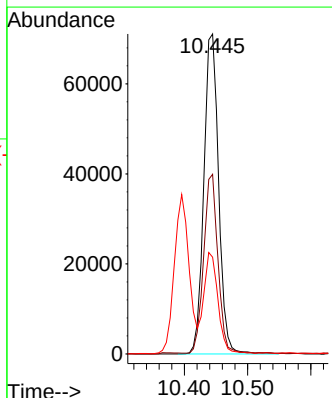
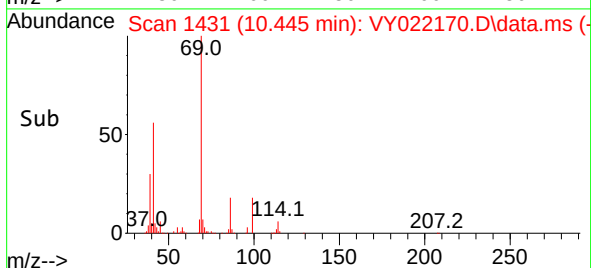
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

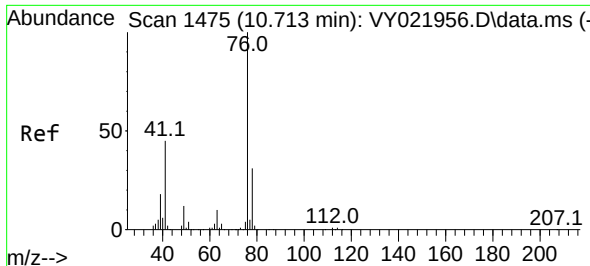


#56
Ethyl methacrylate
Concen: 54.630 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



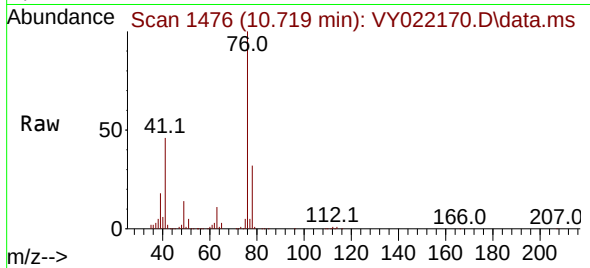
Tgt Ion:	69	Resp:	115554
Ion	Ratio	Lower	Upper
69	100		
41	53.9	40.7	61.1
39	30.3	23.3	34.9





#57
1,3-Dichloropropane
Concen: 53.442 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

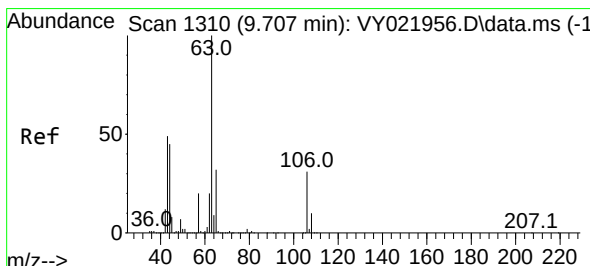
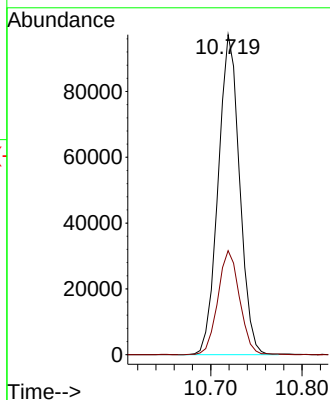
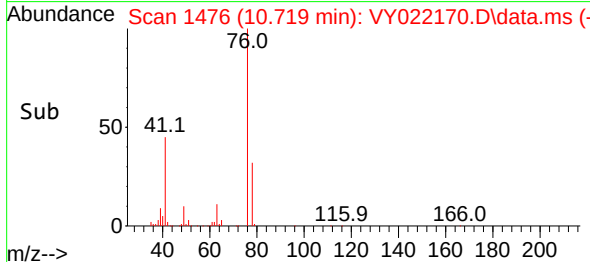
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 158472
Ion Ratio Lower Upper
76 100
78 33.0 26.6 39.8

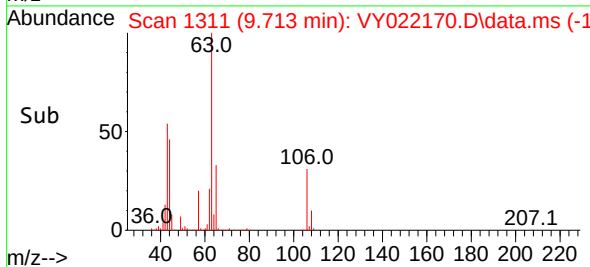
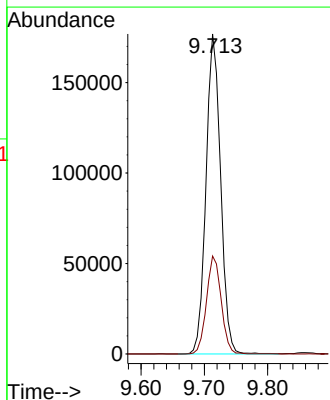
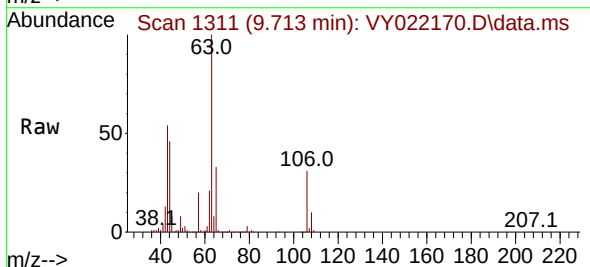
Manual Integrations
APPROVED

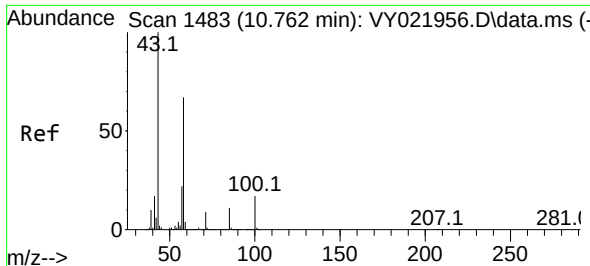
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#58
2-Chloroethyl Vinyl ether
Concen: 274.338 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

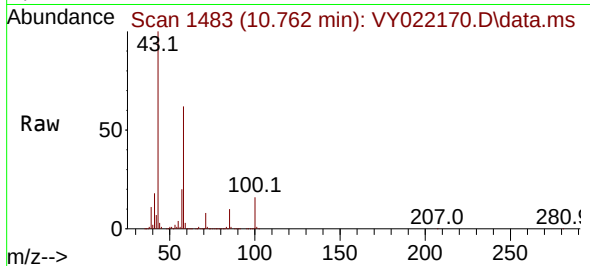
Tgt Ion: 63 Resp: 283721
Ion Ratio Lower Upper
63 100
106 30.9 25.3 37.9





#59
2-Hexanone
Concen: 290.152 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

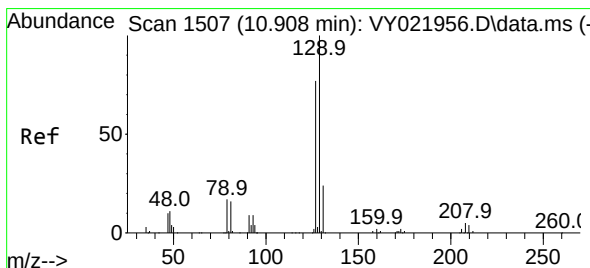
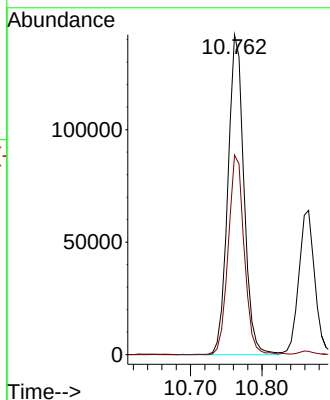
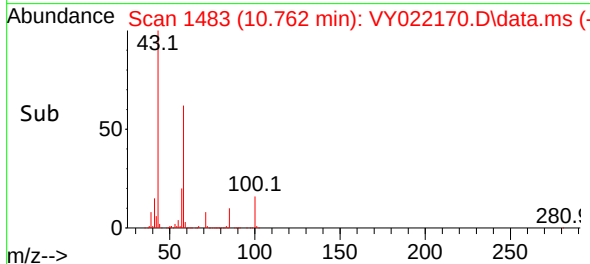
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



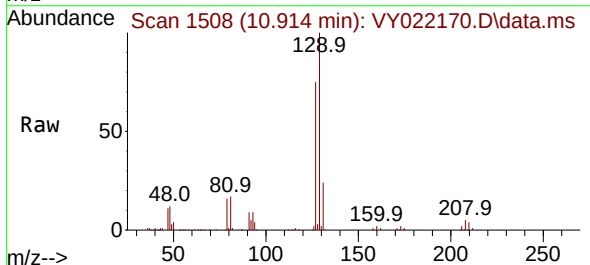
Tgt Ion: 43 Resp: 221418
Ion Ratio Lower Upper
43 100
58 62.3 32.0 96.0

Manual Integrations
APPROVED

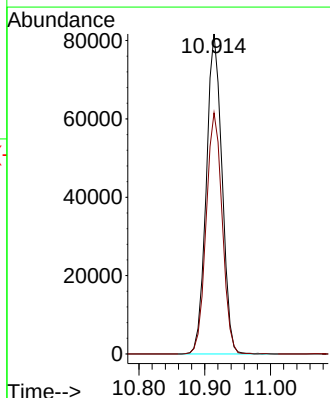
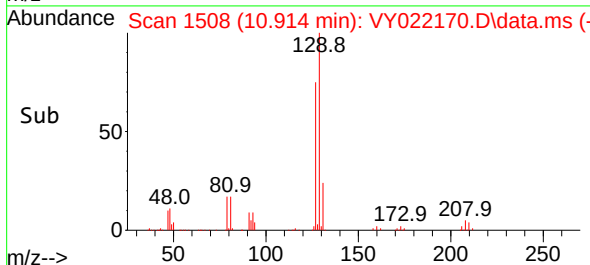
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

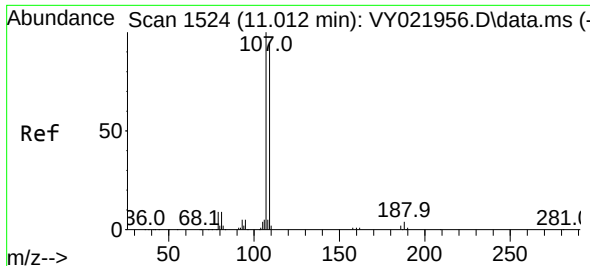


#60
Dibromochloromethane
Concen: 52.935 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



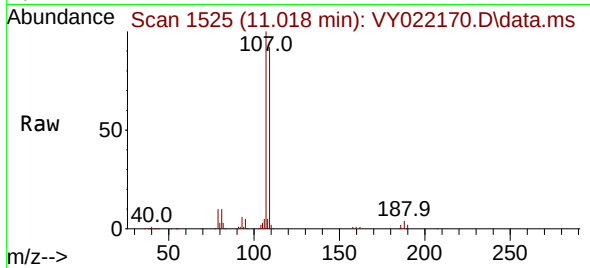
Tgt Ion:129 Resp: 135560
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61
1,2-Dibromoethane
Concen: 52.902 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

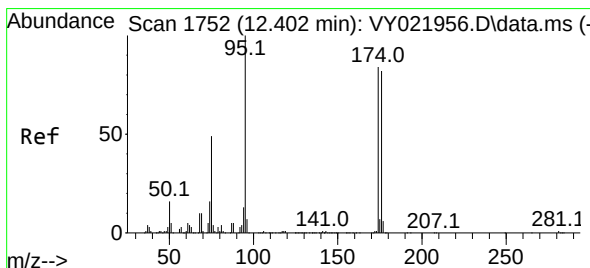
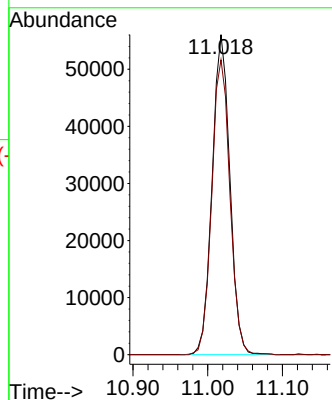
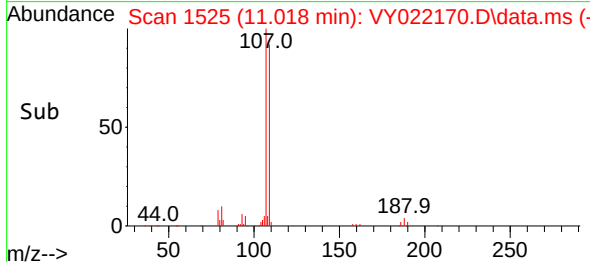
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



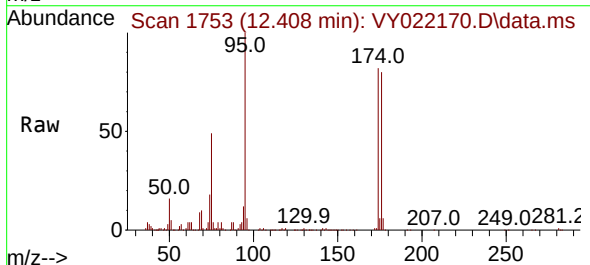
Tgt Ion:107 Resp: 92378
Ion Ratio Lower Upper
107 100
109 94.4 75.8 113.8

Manual Integrations
APPROVED

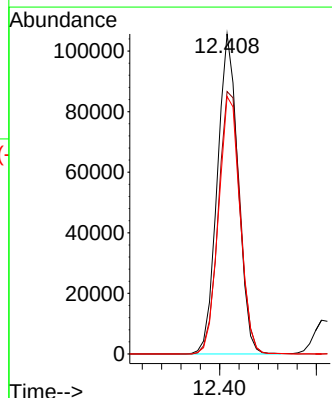
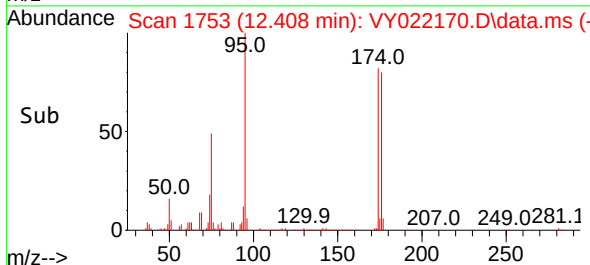
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

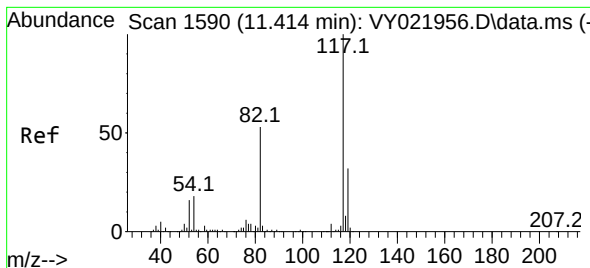


#62
4-Bromofluorobenzene
Concen: 51.992 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



Tgt Ion: 95 Resp: 157189
Ion Ratio Lower Upper
95 100
174 86.5 0.0 179.0
176 83.3 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

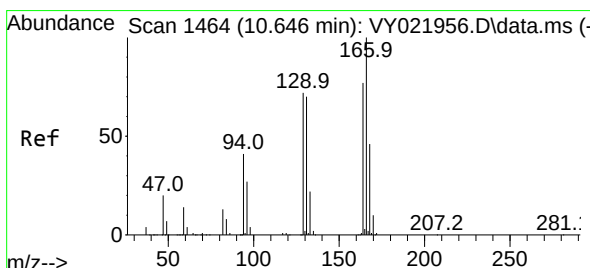
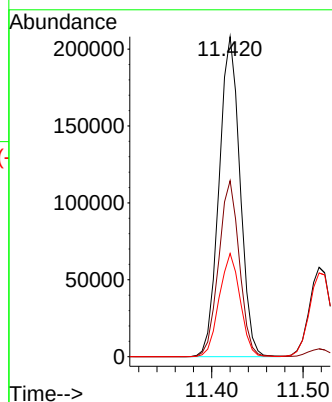
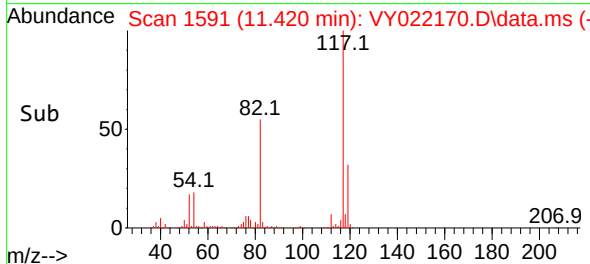
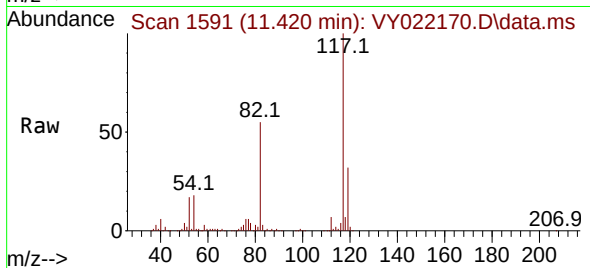
Tgt Ion:117 Resp: 331220

Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.1	63.1
119	32.3	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#64

Tetrachloroethene

Concen: 51.922 ug/l

RT: 10.652 min Scan# 1465

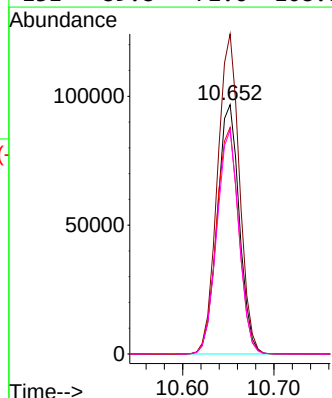
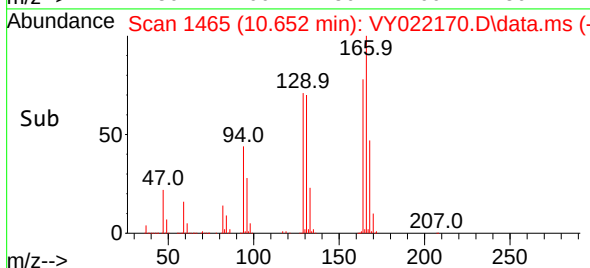
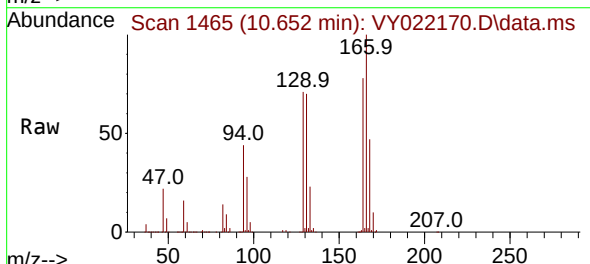
Delta R.T. 0.006 min

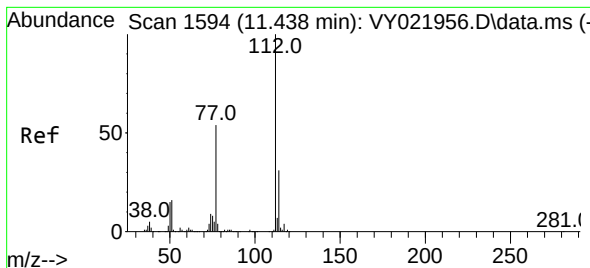
Lab File: VY022170.D

Acq: 06 May 2025 09:14

Tgt Ion:164 Resp: 162239

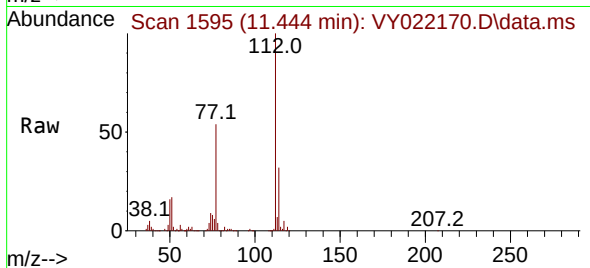
Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.6	155.4
129	90.9	74.2	111.4
131	89.8	72.6	108.8





#65
Chlorobenzene
Concen: 52.689 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

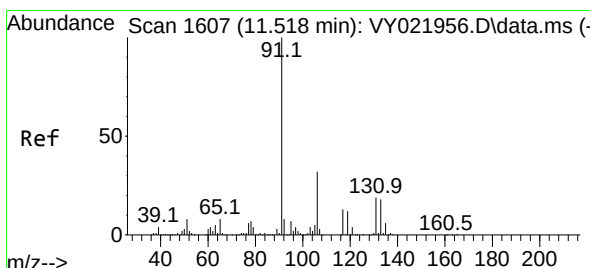
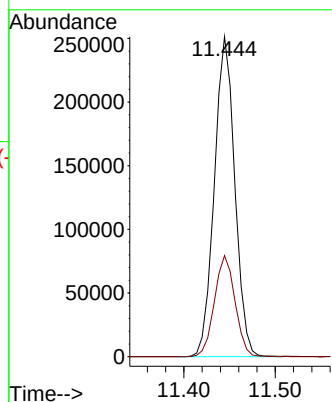
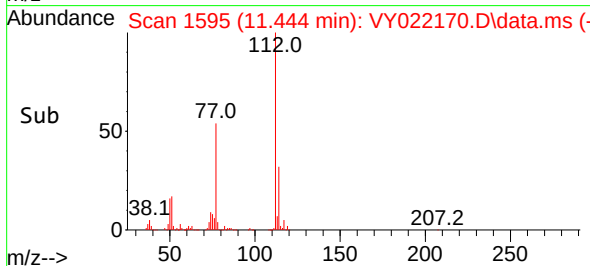
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



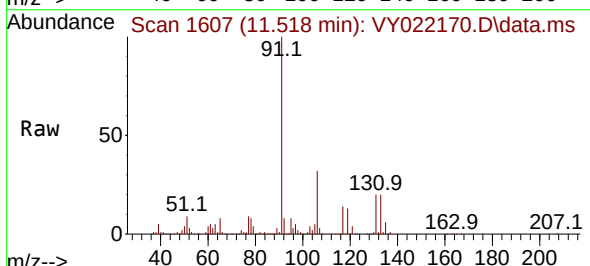
Tgt Ion:112 Resp: 390272
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4

Manual Integrations
APPROVED

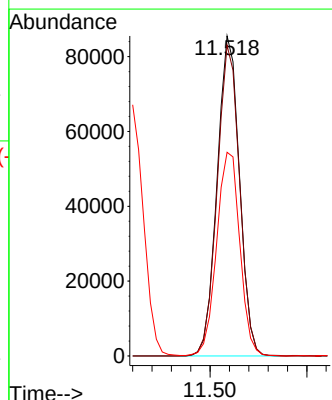
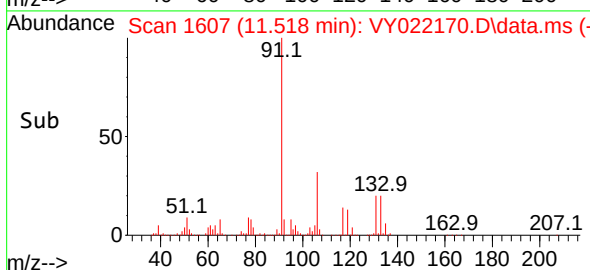
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

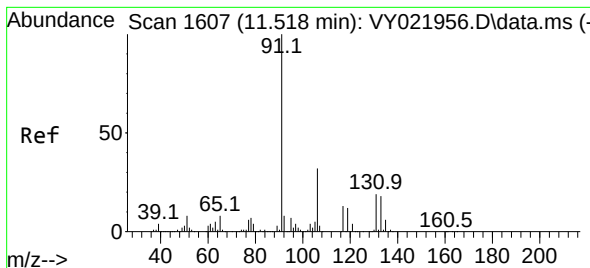


#66
1,1,1,2-Tetrachloroethane
Concen: 52.530 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



Tgt Ion:131 Resp: 136983
Ion Ratio Lower Upper
131 100
133 97.4 47.8 143.3
119 66.3 32.4 97.0





#67

Ethyl Benzene

Concen: 55.508 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 672570

Ion Ratio Lower Upper

91 100

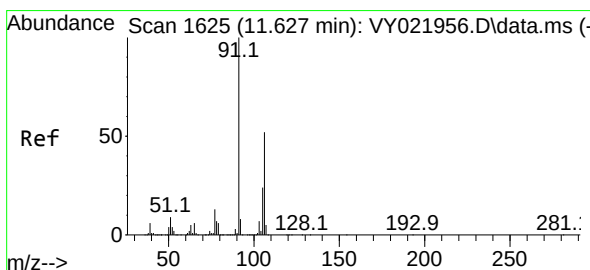
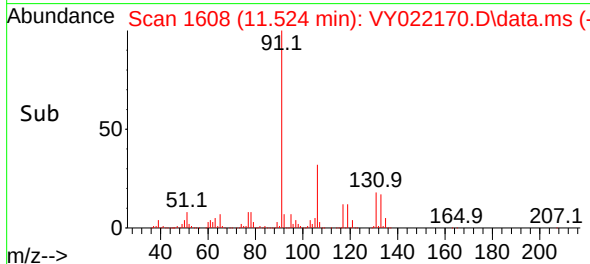
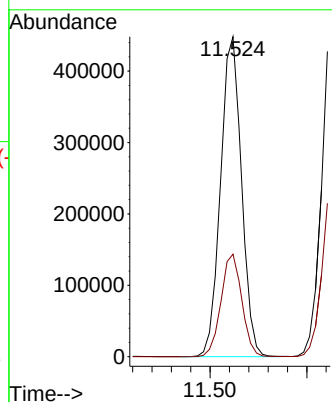
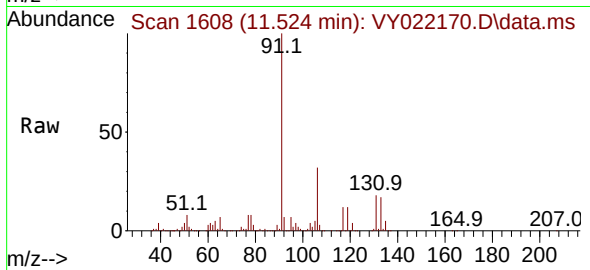
106 32.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025

Supervised By :Semsettin Yesilyurt 05/07/2025



#68

m/p-Xylenes

Concen: 112.277 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022170.D

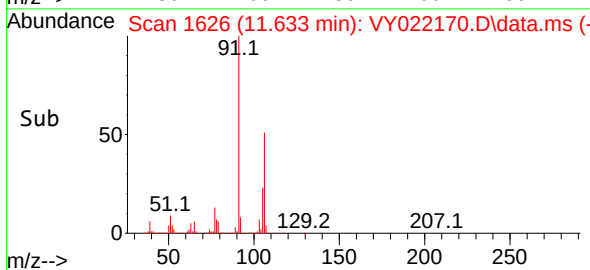
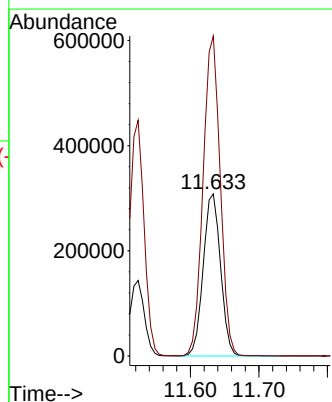
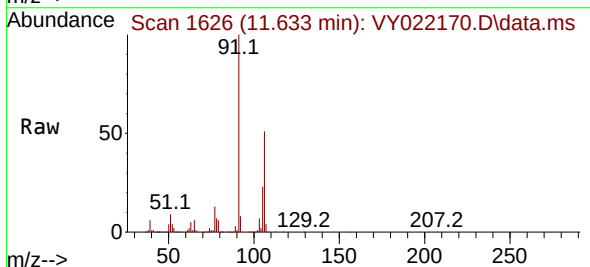
Acq: 06 May 2025 09:14

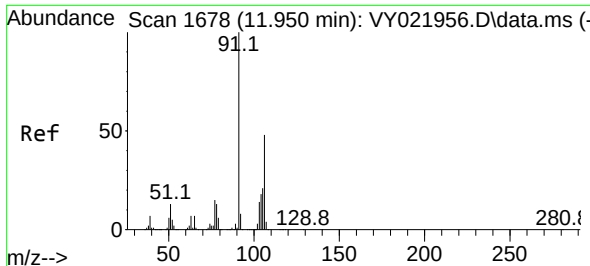
Tgt Ion:106 Resp: 541347

Ion Ratio Lower Upper

106 100

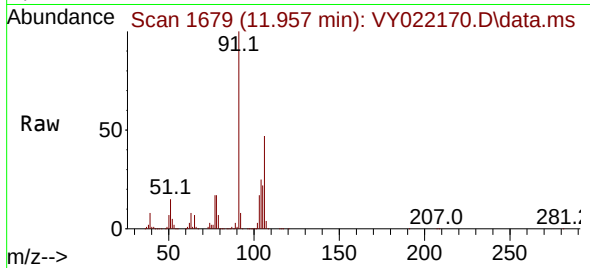
91 195.6 156.2 234.2





#69
o-Xylene
Concen: 55.432 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

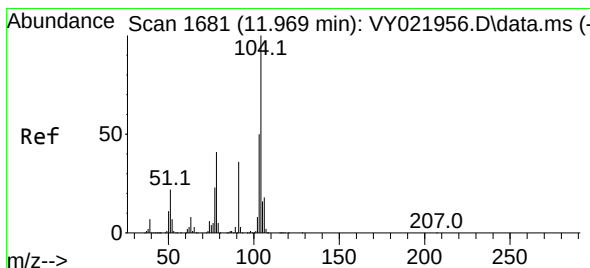
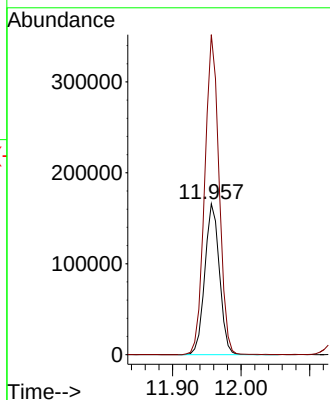
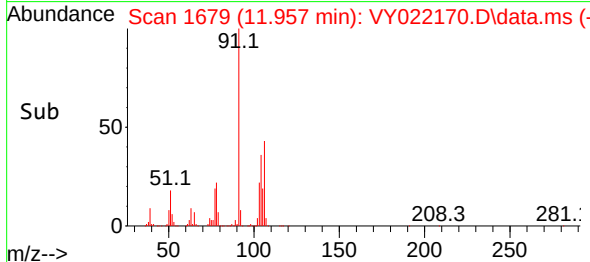
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



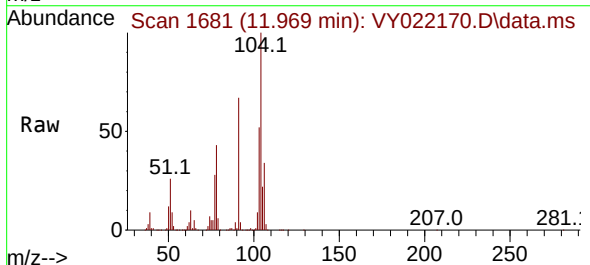
Tgt Ion:106 Resp: 246338
Ion Ratio Lower Upper
106 100
91 208.5 103.0 308.9

Manual Integrations
APPROVED

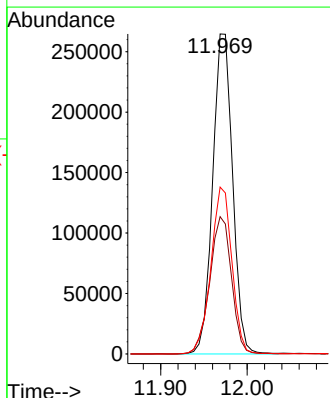
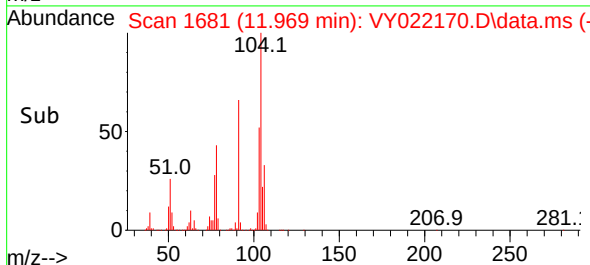
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

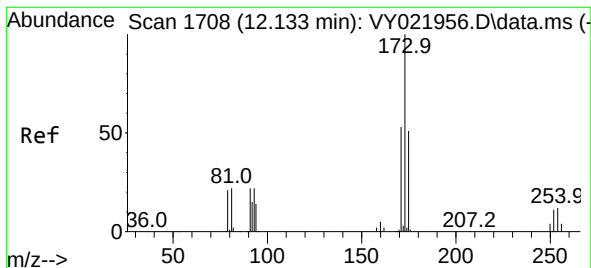


#70
Styrene
Concen: 56.750 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



Tgt Ion:104 Resp: 423444
Ion Ratio Lower Upper
104 100
78 46.8 36.6 54.8
103 55.1 43.8 65.8





#71

Bromoform

Concen: 52.185 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

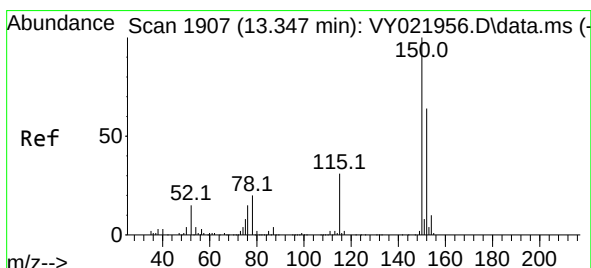
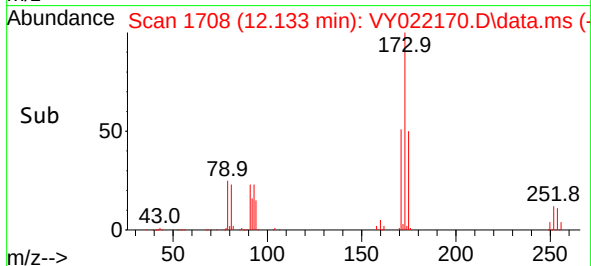
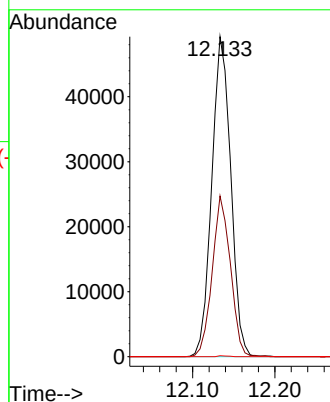
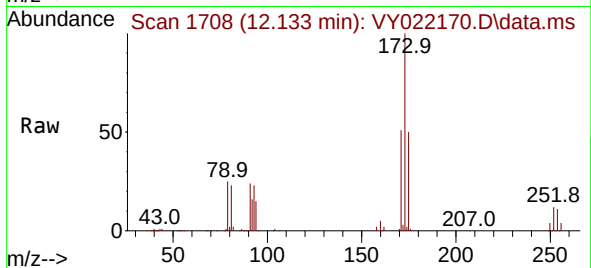
VSTDCCC050

Tgt Ion:	173	Resp:	7911
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.3	72.8
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

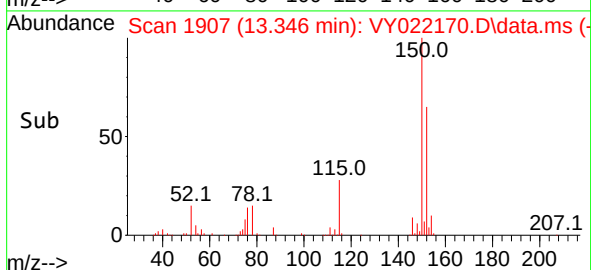
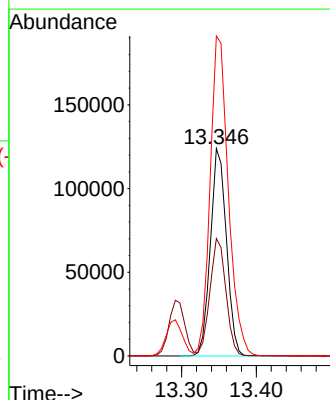
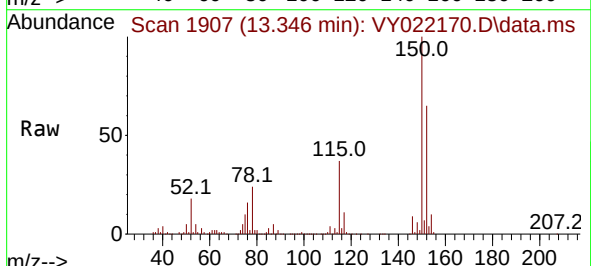
RT: 13.346 min Scan# 1907

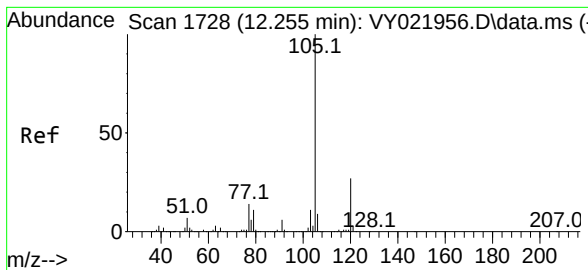
Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

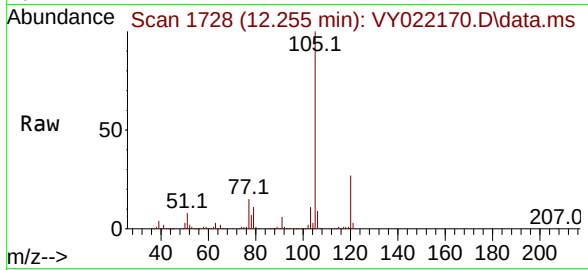
Tgt Ion:	152	Resp:	184988
Ion Ratio	Lower	Upper	
152	100		
115	56.0	28.0	84.0
150	174.8	0.0	345.6





#73
Isopropylbenzene
Concen: 52.929 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

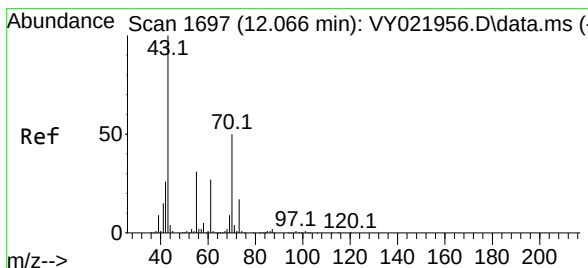
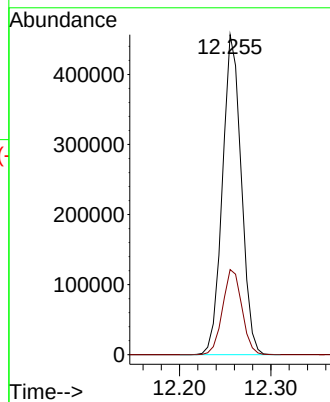
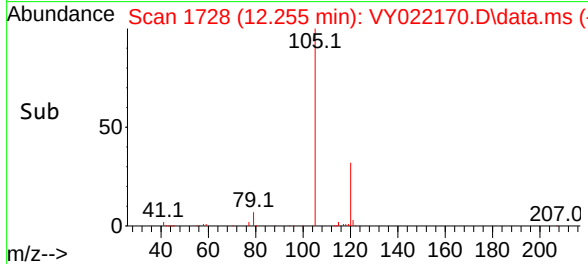
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



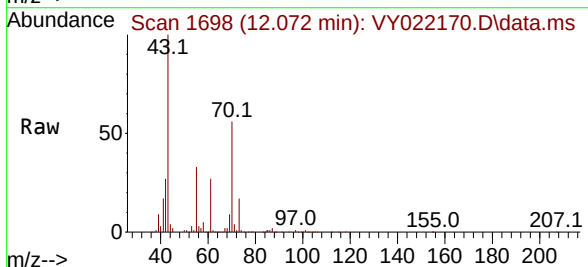
Tgt Ion:105 Resp: 65416
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5

Manual Integrations
APPROVED

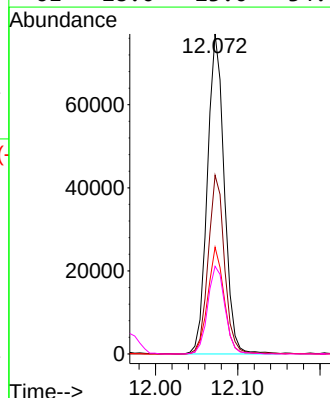
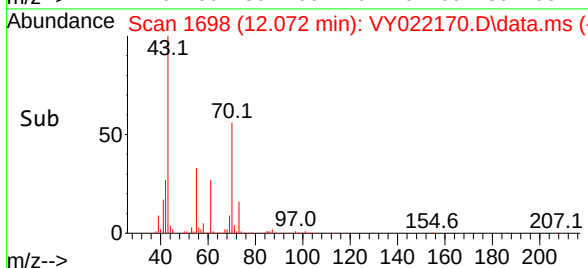
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

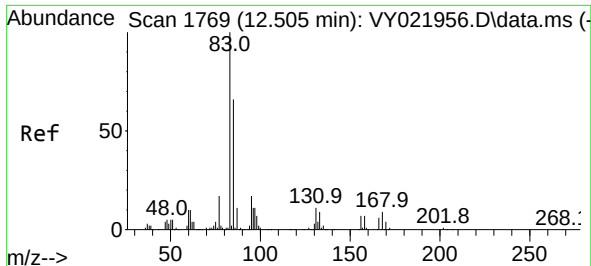


#74
N-ethyl acetate
Concen: 51.702 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



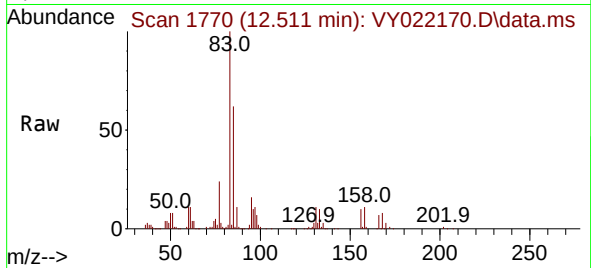
Tgt Ion: 43 Resp: 109786
Ion Ratio Lower Upper
43 100
70 53.9 43.2 64.8
55 32.3 25.7 38.5
61 28.0 23.0 34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 51.312 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

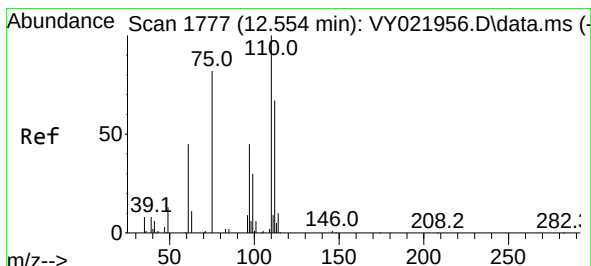
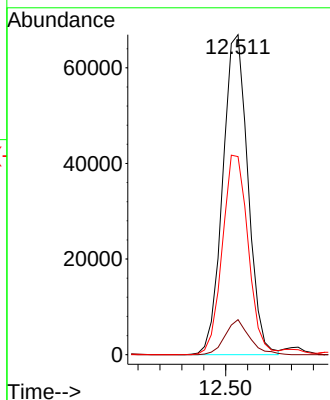
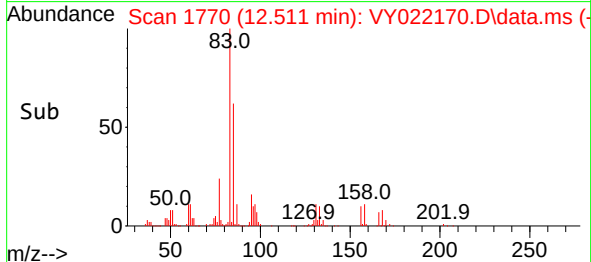
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



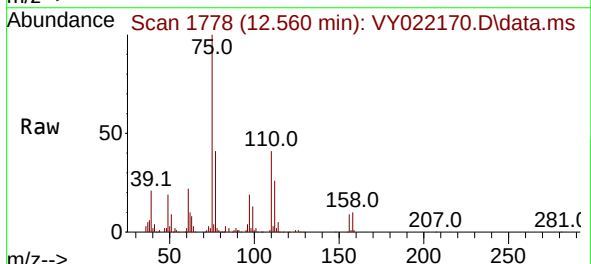
Tgt Ion: 83 Resp: 106920
Ion Ratio Lower Upper
83 100
131 10.6 5.5 16.4
85 63.8 32.3 96.8

Manual Integrations
APPROVED

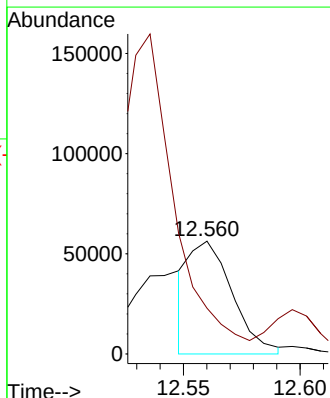
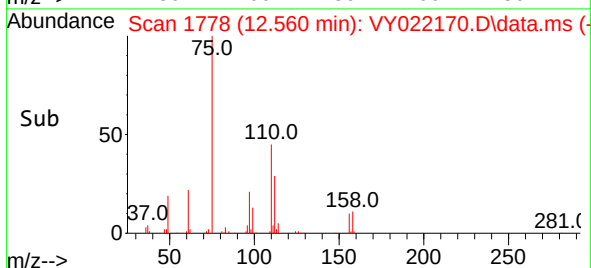
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

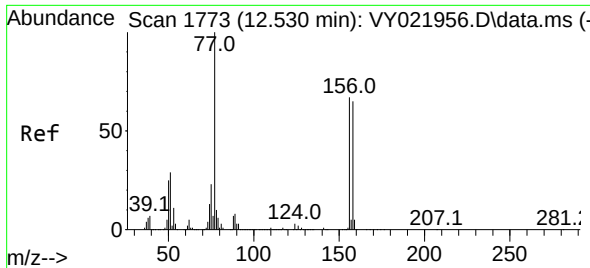


#76
1,2,3-Trichloropropane
Concen: 46.089 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



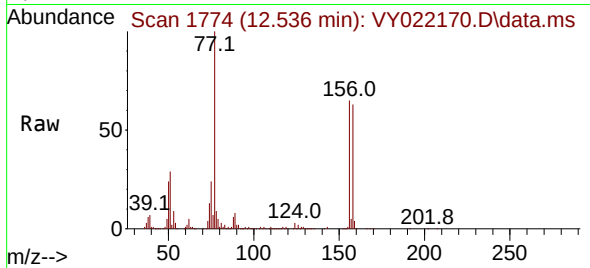
Tgt Ion: 75 Resp: 73028
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.685 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

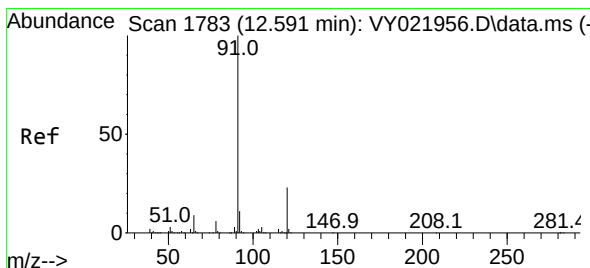
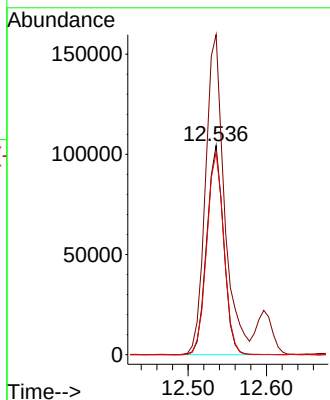
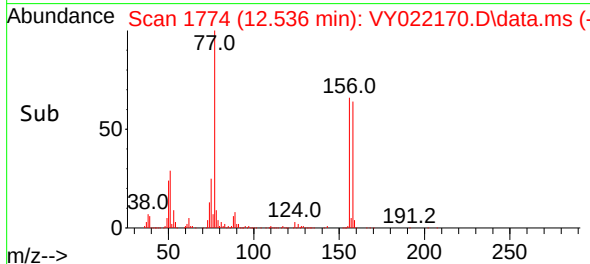
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



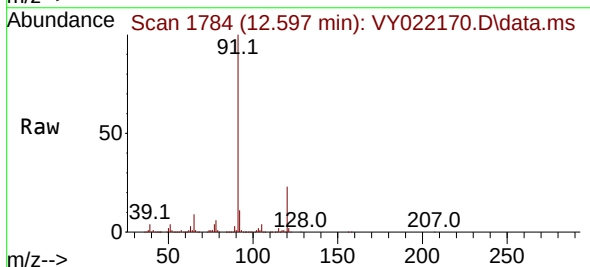
Tgt Ion: 156 Resp: 155160
Ion Ratio Lower Upper
156 100
77 172.7 82.7 248.1
158 98.5 48.1 144.4

Manual Integrations
APPROVED

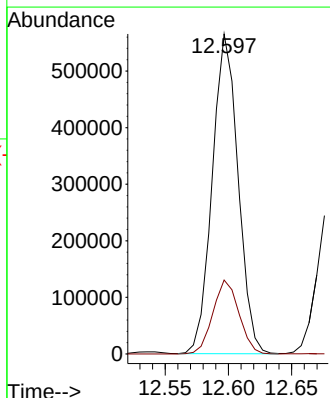
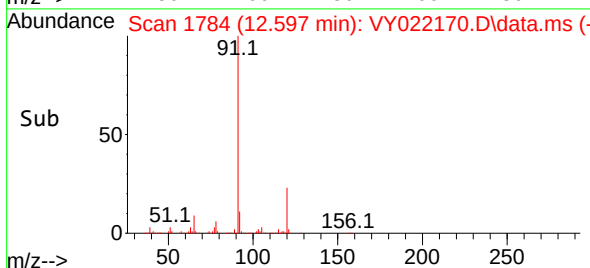
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

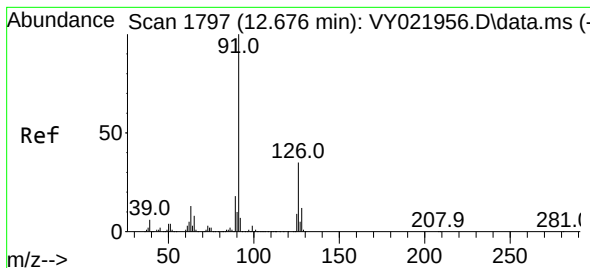


#78
n-propylbenzene
Concen: 54.551 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



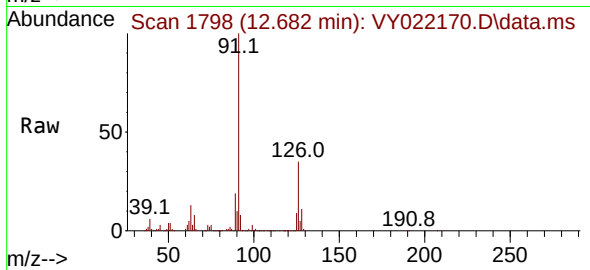
Tgt Ion: 91 Resp: 802900
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





#79
2-Chlorotoluene
Concen: 52.846 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

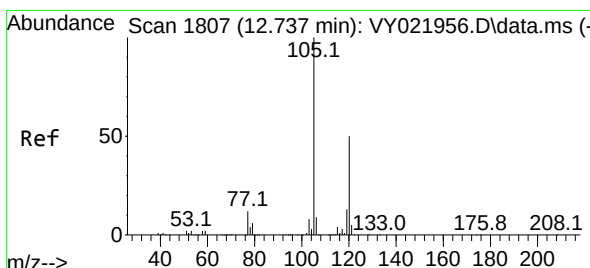
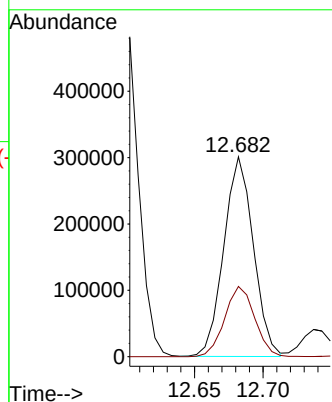
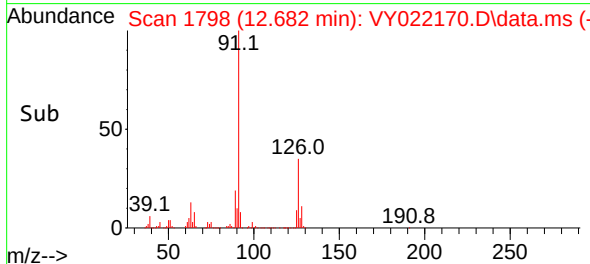
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 452344
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.8

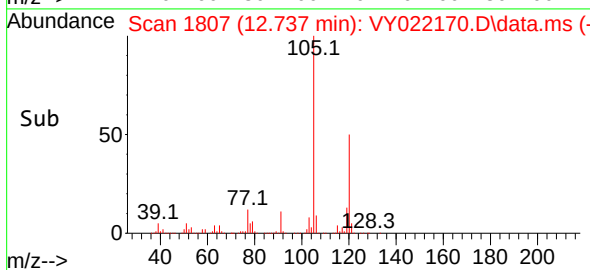
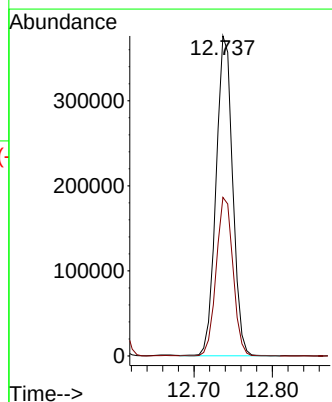
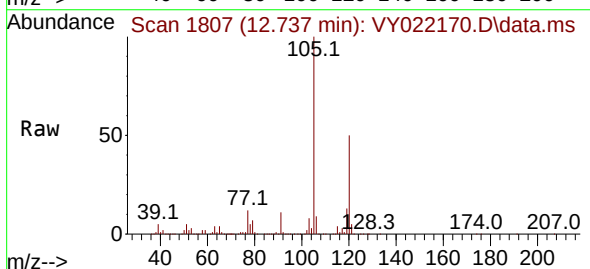
Manual Integrations
APPROVED

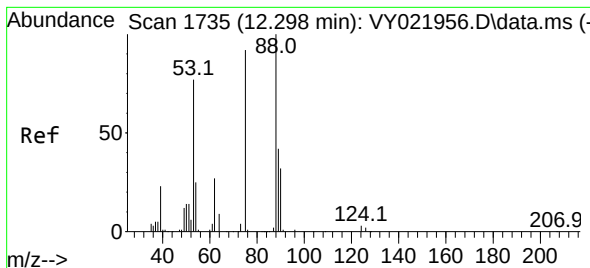
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.357 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

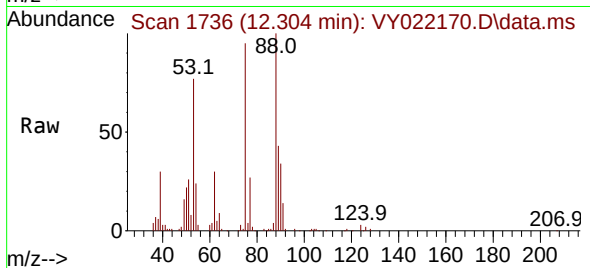
Tgt Ion:105 Resp: 553534
Ion Ratio Lower Upper
105 100
120 50.2 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 51.594 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

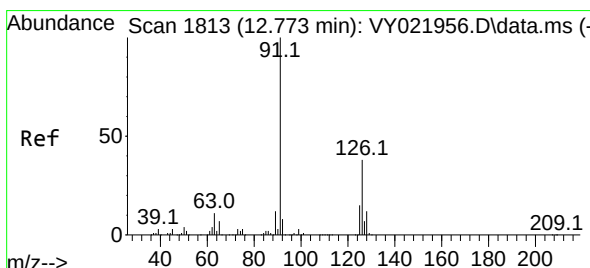
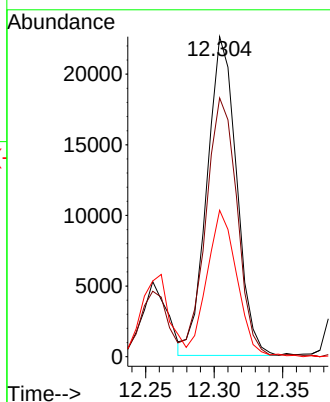
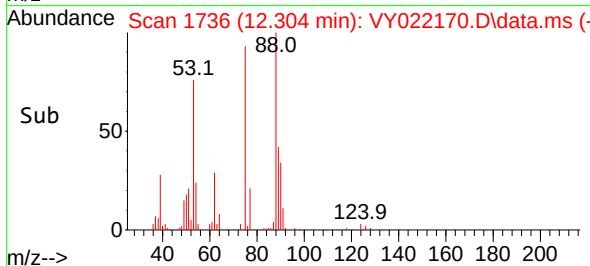
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3394
Ion Ratio Lower Upper
75 100
53 84.8 66.0 99.0
89 46.5 37.2 55.8

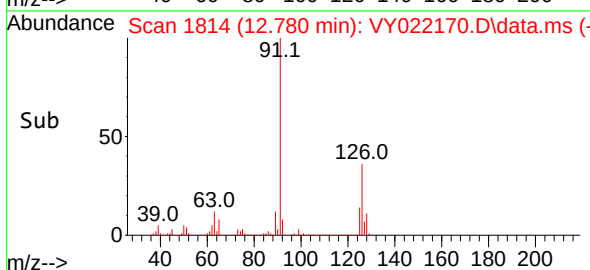
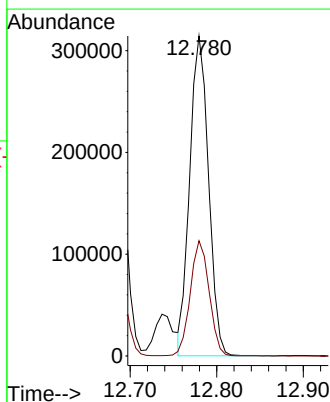
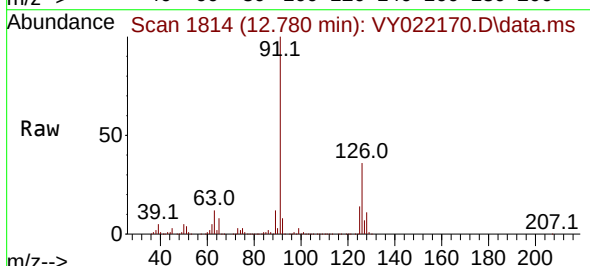
Manual Integrations
APPROVED

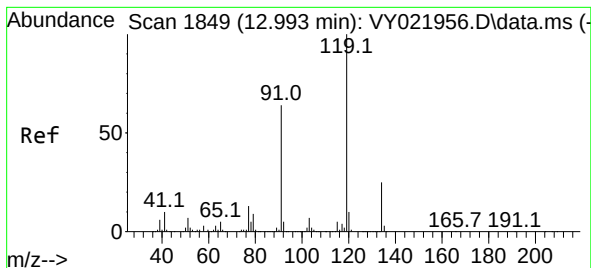
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#82
4-Chlorotoluene
Concen: 53.283 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 91 Resp: 474107
Ion Ratio Lower Upper
91 100
126 36.3 17.9 53.8





#83

tert-Butylbenzene

Concen: 53.022 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

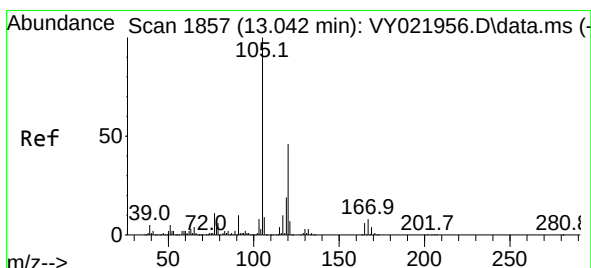
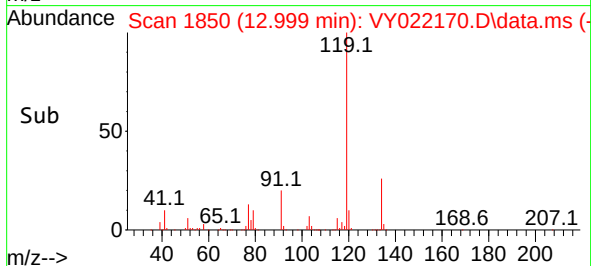
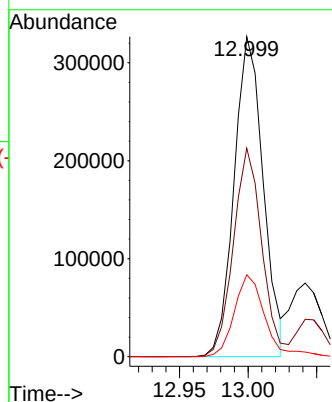
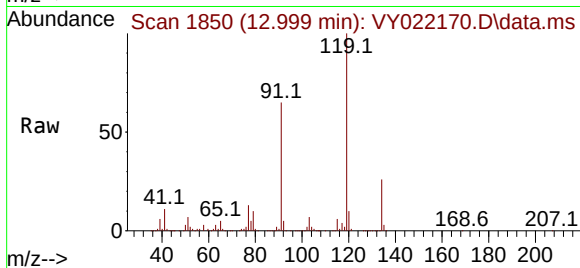
Tgt Ion:119 Resp: 484239

Ion	Ratio	Lower	Upper
119	100		
91	63.9	30.3	90.9
134	26.9	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#84

1,2,4-Trimethylbenzene

Concen: 54.747 ug/l

RT: 13.048 min Scan# 1858

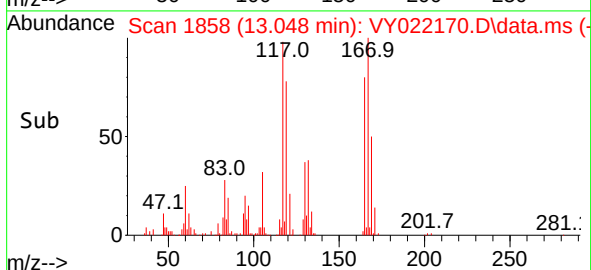
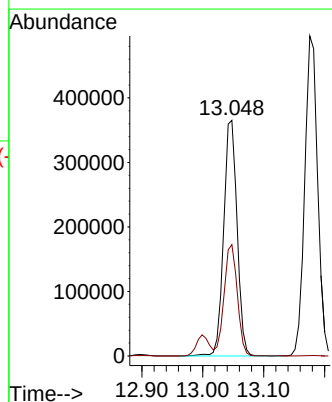
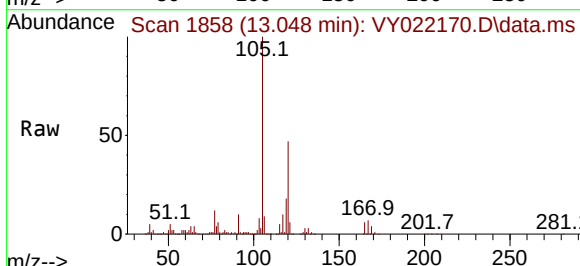
Delta R.T. 0.006 min

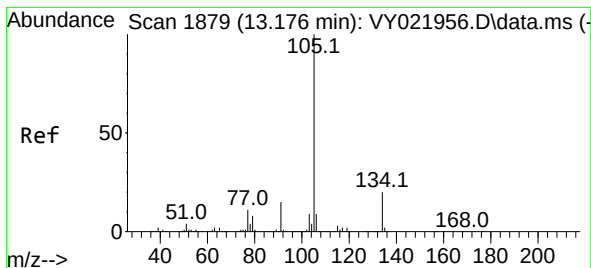
Lab File: VY022170.D

Acq: 06 May 2025 09:14

Tgt Ion:105 Resp: 557633

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.0





#85

sec-Butylbenzene

Concen: 54.416 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 727224

Ion Ratio Lower Upper

105 100

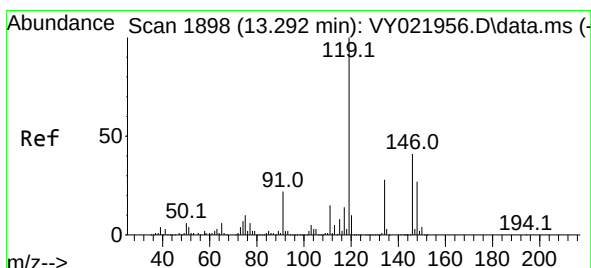
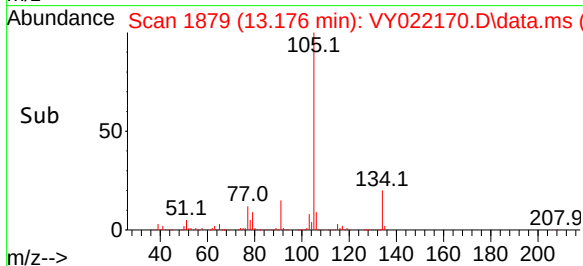
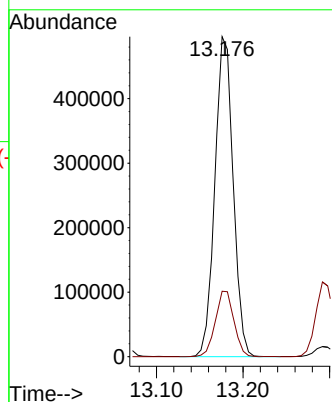
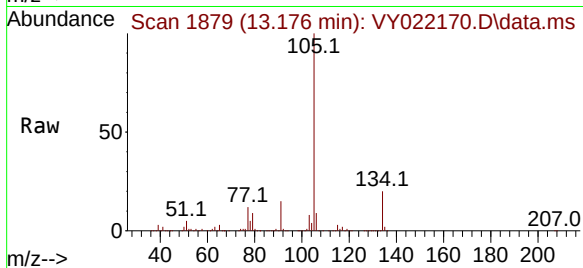
134 20.8 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025

Supervised By :Semsettin Yesilyurt 05/07/2025



#86

p-Isopropyltoluene

Concen: 54.641 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

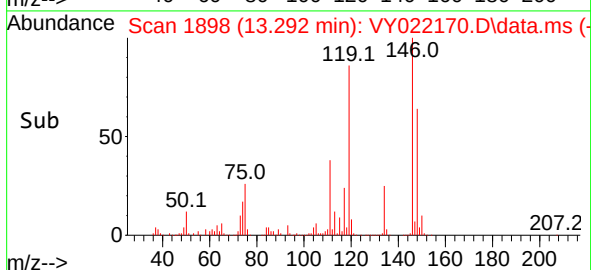
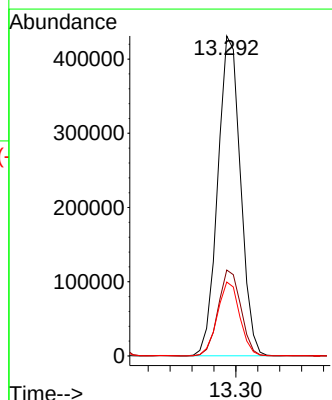
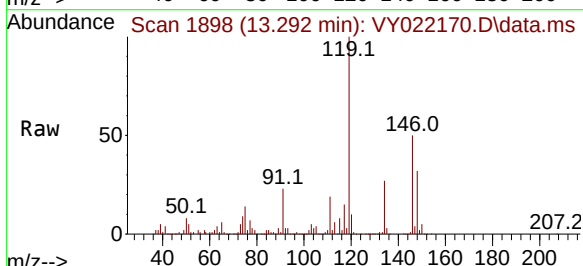
Tgt Ion:119 Resp: 620080

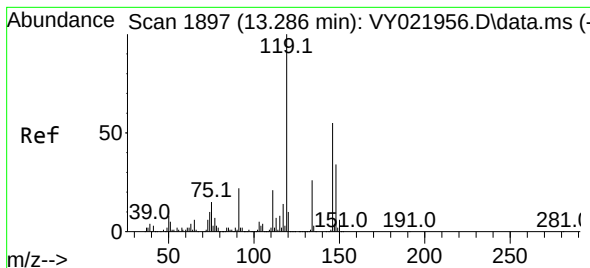
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.8 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 51.656 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022170.D

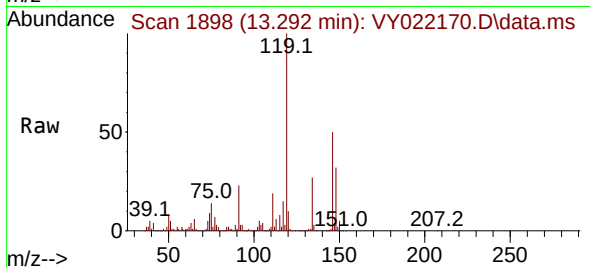
Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 327649

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

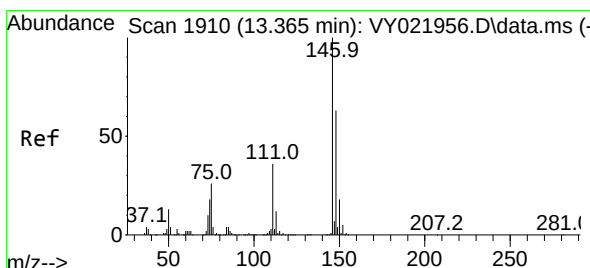
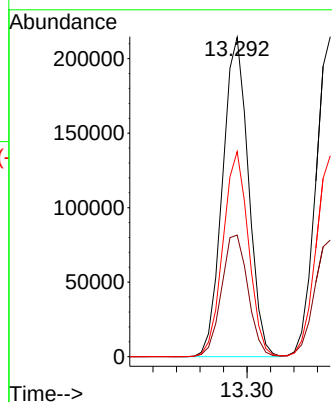
148 63.4 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025

Supervised By :Semsettin Yesilyurt 05/07/2025



#88

1,4-Dichlorobenzene

Concen: 51.473 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

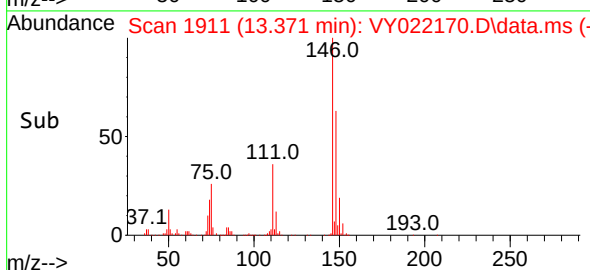
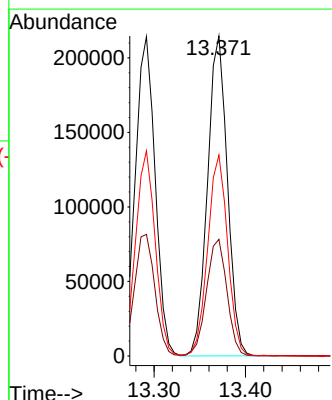
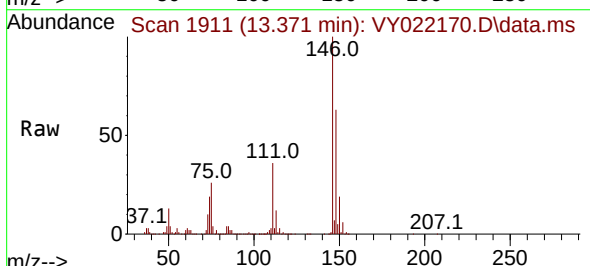
Tgt Ion:146 Resp: 323350

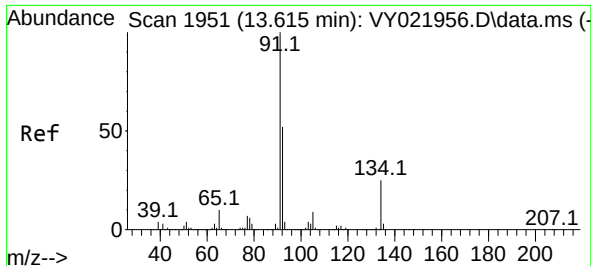
Ion Ratio Lower Upper

146 100

111 37.6 19.2 57.6

148 63.0 32.0 96.0





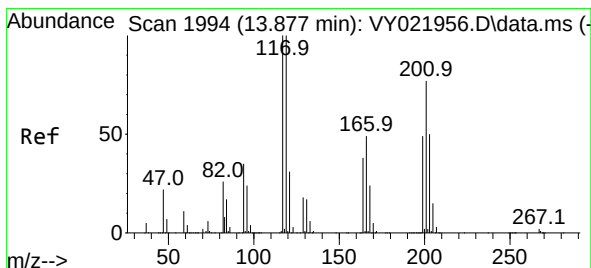
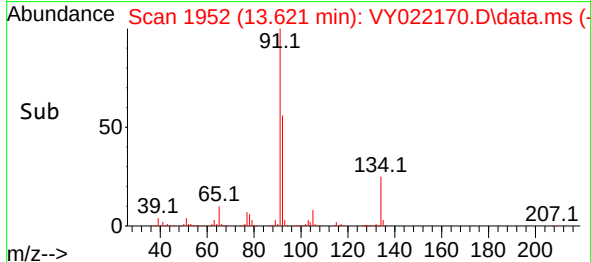
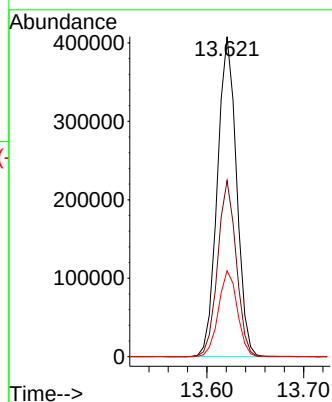
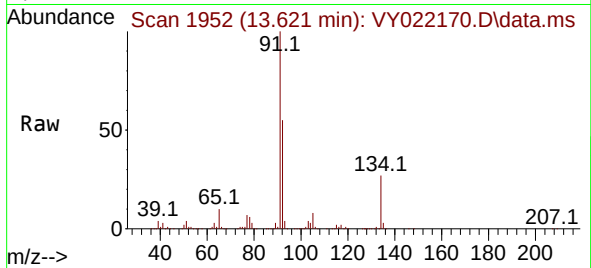
#89
n-Butylbenzene
Concen: 55.231 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 560229
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 26.5 13.4 40.1

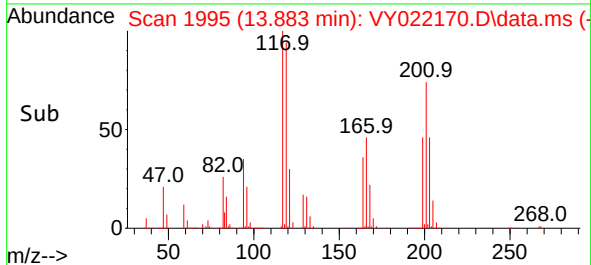
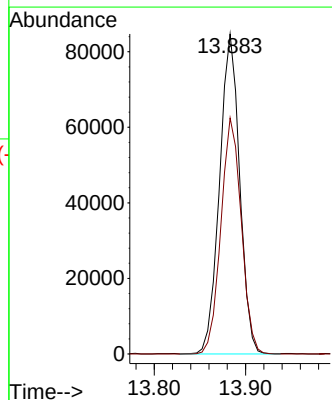
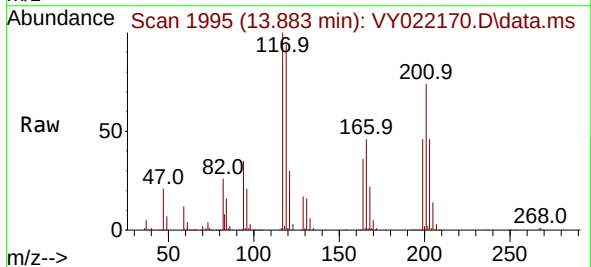
Manual Integrations
APPROVED

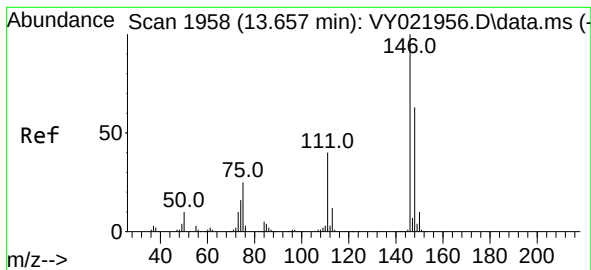
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#90
Hexachloroethane
Concen: 51.967 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

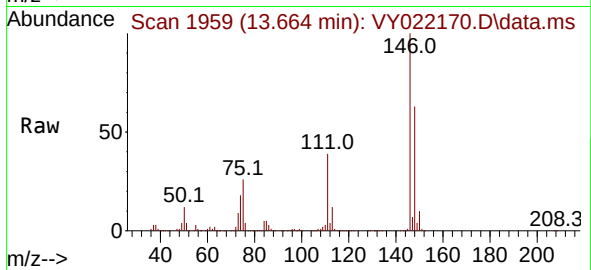
Tgt Ion:117 Resp: 129569
Ion Ratio Lower Upper
117 100
201 74.7 38.7 116.1





#91
1,2-Dichlorobenzene
Concen: 51.452 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

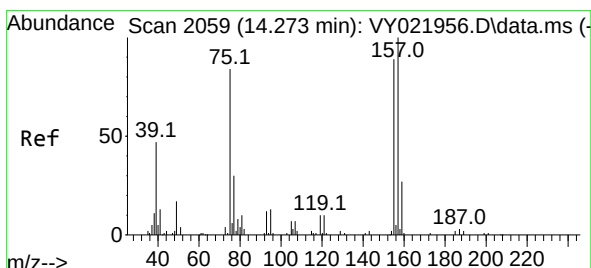
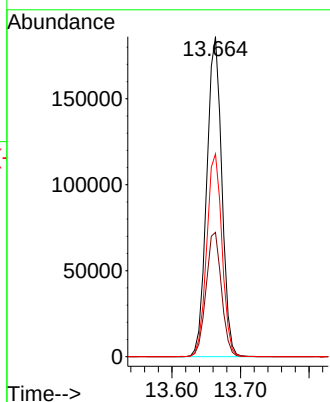
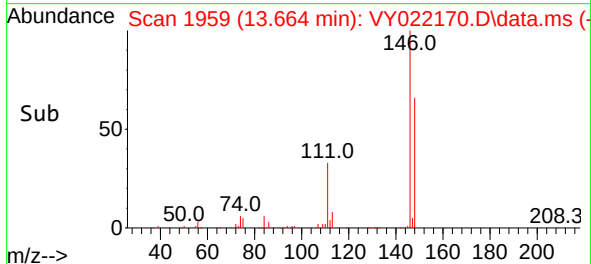
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



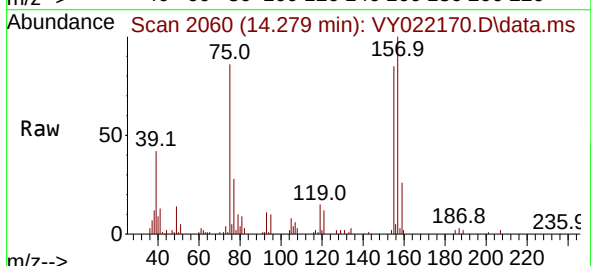
Tgt Ion:146 Resp: 28464
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.1
148 64.2 32.1 96.3

Manual Integrations
APPROVED

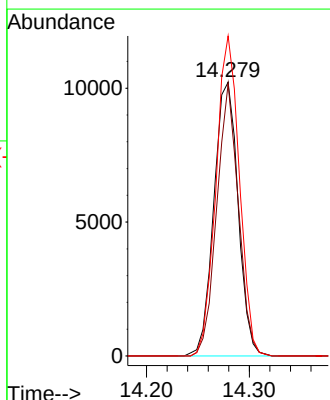
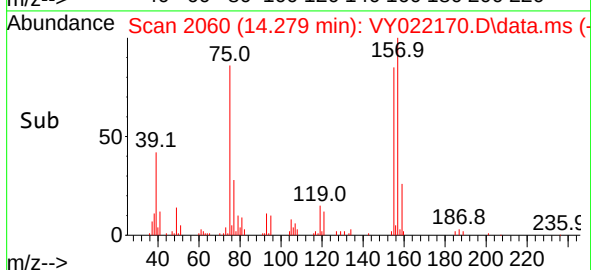
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

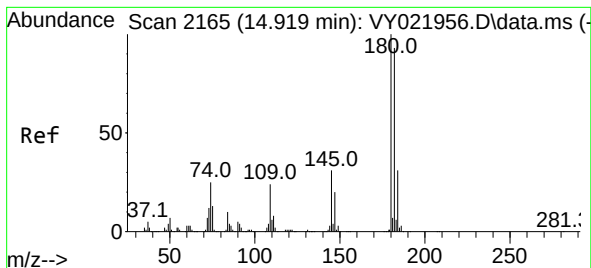


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.369 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14



Tgt Ion: 75 Resp: 16698
Ion Ratio Lower Upper
75 100
155 88.9 50.7 152.3
157 113.1 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 50.198 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022170.D

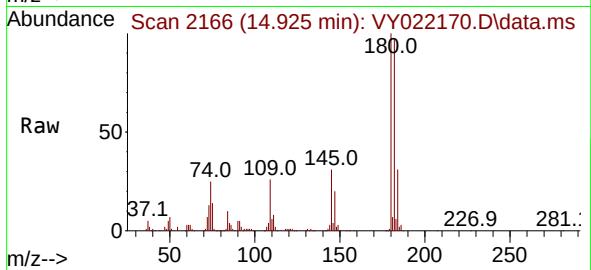
Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 157369

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.4

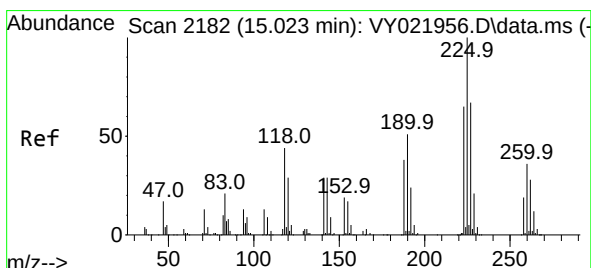
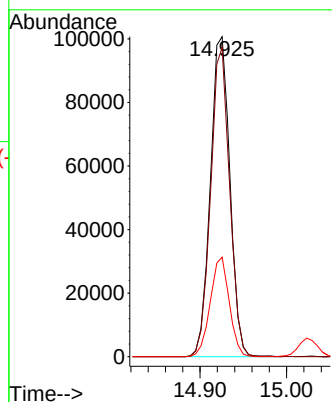
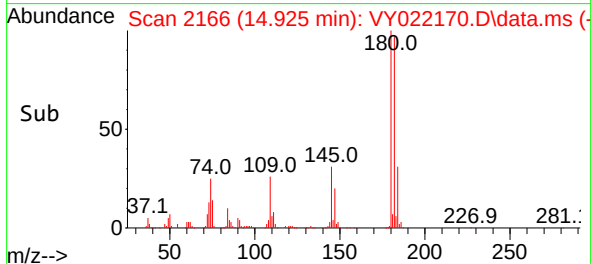
145 30.4 15.0 45.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025

Supervised By :Semsettin Yesilyurt 05/07/2025



#94

Hexachlorobutadiene

Concen: 49.746 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

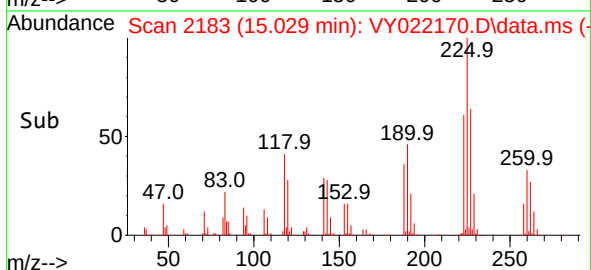
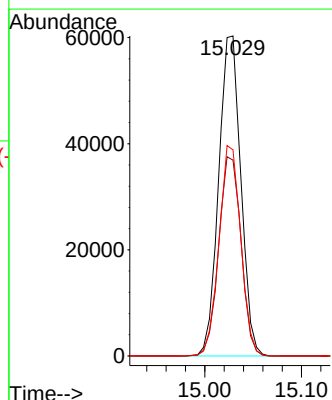
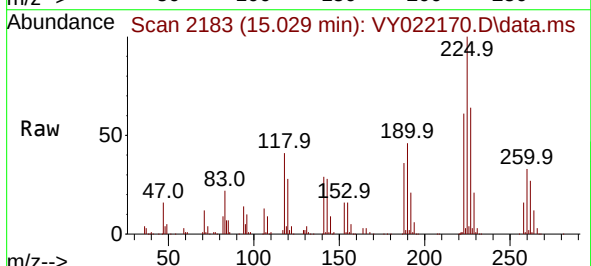
Tgt Ion:225 Resp: 95951

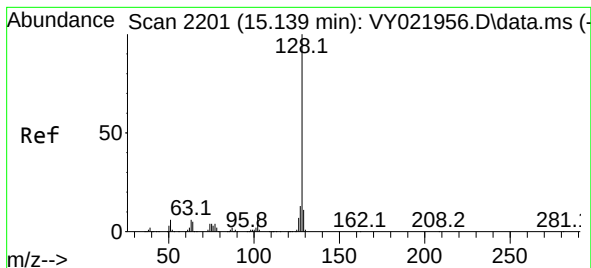
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.5

227 64.4 32.3 96.9





#95

Naphthalene

Concen: 49.892 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Instrument :

MSVOA_Y

ClientSampleId :

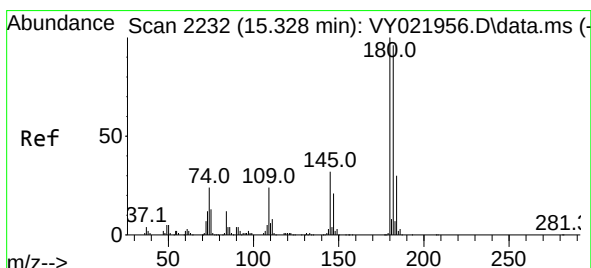
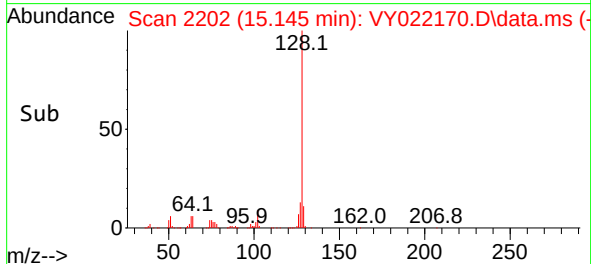
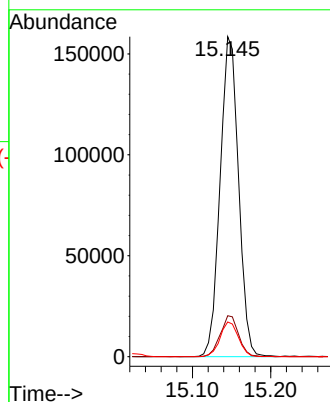
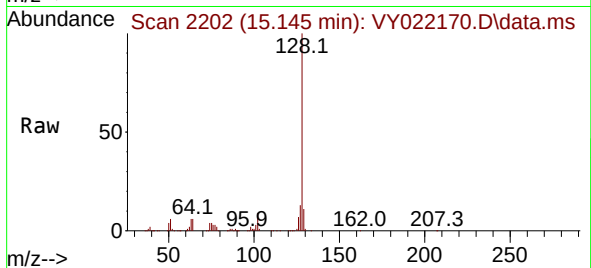
VSTDCCC050

Tgt Ion:128 Resp: 259824
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.6 16.0
 129 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
 Supervised By :Semsettin Yesilyurt 05/07/2025



#96

1,2,3-Trichlorobenzene

Concen: 49.992 ug/l

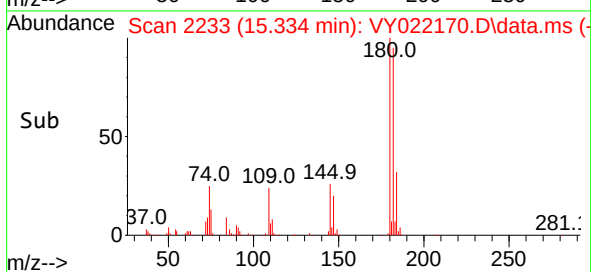
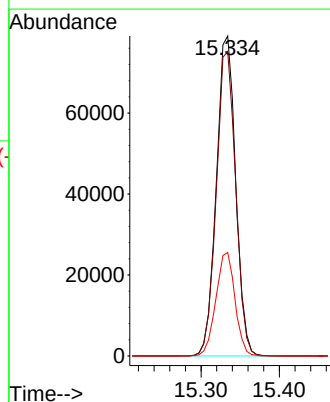
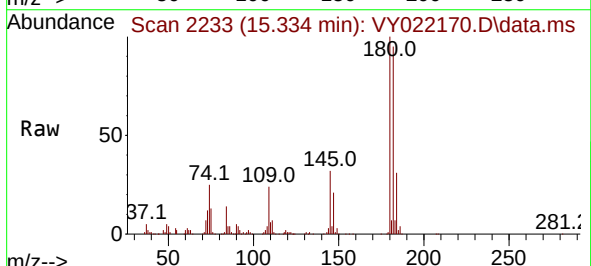
RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022170.D

Acq: 06 May 2025 09:14

Tgt Ion:180 Resp: 135284
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.1 144.4
 145 32.1 16.0 48.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022170.D
 Acq On : 06 May 2025 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 04:30:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	75	0.00
2 T	Dichlorodifluoromethane	0.426	0.377	11.5	72	0.00
3 P	Chloromethane	0.607	0.572	5.8	71	0.01
4 C	Vinyl Chloride	0.745	0.766	-2.8#	78	0.01
5 T	Bromomethane	0.642	0.588	8.4	74	0.00
6 T	Chloroethane	0.508	0.522	-2.8	79	0.00
7 T	Trichlorofluoromethane	0.983	0.948	3.6	74	0.01
8 T	Diethyl Ether	0.256	0.240	6.3	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.526	1.3	80	0.01
10 T	Methyl Iodide	0.617	0.593	3.9	70	0.00
11 T	Tert butyl alcohol	0.025	0.025	0.0	71	-0.01
12 CM	1,1-Dichloroethene	0.497	0.479	3.6#	76	0.00
13 T	Acrolein	0.046	0.017	63.0#	30#	0.00
14 T	Allyl chloride	0.579	0.597	-3.1	80	0.00
15 T	Acrylonitrile	0.094	0.095	-1.1	76	0.00
16 T	Acetone	0.070	0.077	-10.0	91	0.00
17 T	Carbon Disulfide	1.585	1.477	6.8	74	0.01
18 T	Methyl Acetate	0.216	0.248	-14.8	83	0.00
19 T	Methyl tert-butyl Ether	1.113	1.119	-0.5	74	0.00
20 T	Methylene Chloride	0.584	0.527	9.8	74	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.556	0.2	78	0.01
22 T	Diisopropyl ether	1.288	1.394	-8.2	81	0.00
23 T	Vinyl Acetate	0.694	0.744	-7.2	78	0.00
24 P	1,1-Dichloroethane	0.893	0.924	-3.5	81	0.00
25 T	2-Butanone	0.105	0.113	-7.6	80	0.00
26 T	2,2-Dichloropropane	0.782	0.830	-6.1	83	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.630	-1.3	77	0.00
28 T	Bromochloromethane	0.347	0.350	-0.9	76	0.00
29 T	Tetrahydrofuran	0.068	0.074	-8.8	76	0.00
30 C	Chloroform	0.990	1.019	-2.9#	79	0.00
31 T	Cyclohexane	0.763	0.776	-1.7	82	0.00
32 T	1,1,1-Trichloroethane	0.896	0.908	-1.3	79	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.462	0.0	74	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.330	0.334	-1.2	73	0.00
36 T	1,1-Dichloropropene	0.444	0.476	-7.2	81	0.00
37 T	Ethyl Acetate	0.159	0.174	-9.4	78	0.00
38 T	Carbon Tetrachloride	0.530	0.565	-6.6	80	0.00
39 T	Methylcyclohexane	0.558	0.603	-8.1	79	0.00
40 TM	Benzene	1.387	1.468	-5.8	79	0.00
41 T	Methacrylonitrile	0.087	0.091	-4.6	72	0.00
42 TM	1,2-Dichloroethane	0.343	0.366	-6.7	79	0.00
43 T	Isopropyl Acetate	0.306	0.328	-7.2	76	0.00
44 TM	Trichloroethene	0.384	0.400	-4.2	79	0.00
45 C	1,2-Dichloropropane	0.307	0.336	-9.4#	81	0.00
46 T	Dibromomethane	0.192	0.203	-5.7	78	0.00
47 T	Bromodichloromethane	0.480	0.513	-6.9	79	0.00
48 T	Methyl methacrylate	0.141	0.158	-12.1	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022170.D
 Acq On : 06 May 2025 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 04:30:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	76	0.00
50 S	Toluene-d8	1.245	1.283	-3.1	73	0.00
51 T	4-Methyl-2-Pentanone	0.160	0.183	-14.4	77	0.00
52 CM	Toluene	0.898	0.976	-8.7#	79	0.00
53 T	t-1,3-Dichloropropene	0.411	0.453	-10.2	78	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.525	-7.4	78	0.00
55 T	1,1,2-Trichloroethane	0.256	0.276	-7.8	78	0.00
56 T	Ethyl methacrylate	0.293	0.320	-9.2	73	0.00
57 T	1,3-Dichloropropane	0.411	0.439	-6.8	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.157	-9.8	71	0.00
59 T	2-Hexanone	0.106	0.123	-16.0	77	0.00
60 T	Dibromochloromethane	0.355	0.376	-5.9	77	0.00
61 T	1,2-Dibromoethane	0.242	0.256	-5.8	77	0.00
62 S	4-Bromofluorobenzene	0.419	0.436	-4.1	74	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.472	0.490	-3.8	78	0.00
65 PM	Chlorobenzene	1.118	1.178	-5.4	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.414	-5.1	77	0.00
67 C	Ethyl Benzene	1.829	2.031	-11.0#	80	0.00
68 T	m/p-Xylenes	0.728	0.817	-12.2	80	0.00
69 T	o-Xylene	0.671	0.744	-10.9	78	0.00
70 T	Styrene	1.126	1.278	-13.5	79	0.00
71 P	Bromoform	0.229	0.239	-4.4	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73 T	Isopropylbenzene	3.341	3.536	-5.8	80	0.00
74 T	N-amyl acetate	0.574	0.593	-3.3	75	0.00
75 P	1,1,2,2-Tetrachloroethane	0.563	0.578	-2.7	79	0.00
76 T	1,2,3-Trichloropropane	0.428	0.395	7.7	73	0.00
77 T	Bromobenzene	0.844	0.839	0.6	76	0.00
78 T	n-propylbenzene	3.978	4.340	-9.1	82	0.00
79 T	2-Chlorotoluene	2.314	2.445	-5.7	81	0.00
80 T	1,3,5-Trimethylbenzene	2.752	2.992	-8.7	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.184	-3.4	78	0.00
82 T	4-Chlorotoluene	2.405	2.563	-6.6	81	0.00
83 T	tert-Butylbenzene	2.468	2.618	-6.1	79	0.00
84 T	1,2,4-Trimethylbenzene	2.753	3.014	-9.5	81	0.00
85 T	sec-Butylbenzene	3.612	3.931	-8.8	82	0.00
86 T	p-Isopropyltoluene	3.067	3.352	-9.3	82	0.00
87 T	1,3-Dichlorobenzene	1.714	1.771	-3.3	81	0.00
88 T	1,4-Dichlorobenzene	1.698	1.748	-2.9	81	0.00
89 T	n-Butylbenzene	2.742	3.028	-10.4	83	0.00
90 T	Hexachloroethane	0.674	0.700	-3.9	83	0.00
91 T	1,2-Dichlorobenzene	1.495	1.539	-2.9	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.090	0.0	81	0.00
93 T	1,2,4-Trichlorobenzene	0.847	0.851	-0.5	78	0.00
94 T	Hexachlorobutadiene	0.521	0.519	0.4	81	0.00
95 T	Naphthalene	1.408	1.405	0.2	74	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.731	0.0	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022170.D
 Acq On : 06 May 2025 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 04:30:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	75	0.00
2 T	Dichlorodifluoromethane	50.000	44.239	11.5	72	0.00
3 P	Chloromethane	50.000	47.167	5.7	71	0.01
4 C	Vinyl Chloride	50.000	51.350	-2.7#	78	0.01
5 T	Bromomethane	50.000	45.776	8.4	74	0.00
6 T	Chloroethane	50.000	51.436	-2.9	79	0.00
7 T	Trichlorofluoromethane	50.000	48.240	3.5	74	0.01
8 T	Diethyl Ether	50.000	46.976	6.0	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.329	1.3	80	0.01
10 T	Methyl Iodide	50.000	48.044	3.9	70	0.00
11 T	Tert butyl alcohol	250.000	244.379	2.2	71	-0.01
12 CM	1,1-Dichloroethene	50.000	48.234	3.5#	76	0.00
13 T	Acrolein	250.000	93.226	62.7#	30	0.00
14 T	Allyl chloride	50.000	51.533	-3.1	80	0.00
15 T	Acrylonitrile	250.000	254.854	-1.9	76	0.00
16 T	Acetone	250.000	325.552	-30.2#	91	0.00
17 T	Carbon Disulfide	50.000	46.612	6.8	74	0.01
18 T	Methyl Acetate	50.000	57.410	-14.8	83	0.00
19 T	Methyl tert-butyl Ether	50.000	50.294	-0.6	74	0.00
20 T	Methylene Chloride	50.000	45.132	9.7	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.912	0.2	78	0.01
22 T	Diisopropyl ether	50.000	54.103	-8.2	81	0.00
23 T	Vinyl Acetate	250.000	268.116	-7.2	78	0.00
24 P	1,1-Dichloroethane	50.000	51.769	-3.5	81	0.00
25 T	2-Butanone	250.000	268.255	-7.3	80	0.00
26 T	2,2-Dichloropropane	50.000	53.023	-6.0	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.577	-1.2	77	0.00
28 T	Bromochloromethane	50.000	50.463	-0.9	76	0.00
29 T	Tetrahydrofuran	250.000	271.597	-8.6	76	0.00
30 C	Chloroform	50.000	51.434	-2.9#	79	0.00
31 T	Cyclohexane	50.000	50.801	-1.6	82	0.00
32 T	1,1,1-Trichloroethane	50.000	50.699	-1.4	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.010	-0.0	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	50.504	-1.0	73	0.00
36 T	1,1-Dichloropropene	50.000	53.592	-7.2	81	0.00
37 T	Ethyl Acetate	50.000	54.533	-9.1	78	0.00
38 T	Carbon Tetrachloride	50.000	53.235	-6.5	80	0.00
39 T	Methylcyclohexane	50.000	53.975	-8.0	79	0.00
40 TM	Benzene	50.000	52.935	-5.9	79	0.00
41 T	Methacrylonitrile	50.000	52.375	-4.8	72	0.00
42 TM	1,2-Dichloroethane	50.000	53.280	-6.6	79	0.00
43 T	Isopropyl Acetate	50.000	53.552	-7.1	76	0.00
44 TM	Trichloroethene	50.000	52.045	-4.1	79	0.00
45 C	1,2-Dichloropropane	50.000	54.827	-9.7#	81	0.00
46 T	Dibromomethane	50.000	52.804	-5.6	78	0.00
47 T	Bromodichloromethane	50.000	53.477	-7.0	79	0.00
48 T	Methyl methacrylate	50.000	55.686	-11.4	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022170.D
 Acq On : 06 May 2025 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 04:30:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1044.921	-4.5	76	0.00
50 S	Toluene-d8	50.000	51.530	-3.1	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	284.953	-14.0	77	0.00
52 CM	Toluene	50.000	54.344	-8.7#	79	0.00
53 T	t-1,3-Dichloropropene	50.000	55.059	-10.1	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.717	-7.4	78	0.00
55 T	1,1,2-Trichloroethane	50.000	53.748	-7.5	78	0.00
56 T	Ethyl methacrylate	50.000	54.630	-9.3	73	0.00
57 T	1,3-Dichloropropane	50.000	53.442	-6.9	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	274.338	-9.7	71	0.00
59 T	2-Hexanone	250.000	290.152	-16.1	77	0.00
60 T	Dibromochloromethane	50.000	52.935	-5.9	77	0.00
61 T	1,2-Dibromoethane	50.000	52.902	-5.8	77	0.00
62 S	4-Bromofluorobenzene	50.000	51.992	-4.0	74	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64 T	Tetrachloroethene	50.000	51.922	-3.8	78	0.00
65 PM	Chlorobenzene	50.000	52.689	-5.4	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.530	-5.1	77	0.00
67 C	Ethyl Benzene	50.000	55.508	-11.0#	80	0.00
68 T	m/p-Xylenes	100.000	112.277	-12.3	80	0.00
69 T	o-Xylene	50.000	55.432	-10.9	78	0.00
70 T	Styrene	50.000	56.750	-13.5	79	0.00
71 P	Bromoform	50.000	52.185	-4.4	75	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73 T	Isopropylbenzene	50.000	52.929	-5.9	80	0.00
74 T	N-ethyl acetate	50.000	51.702	-3.4	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.312	-2.6	79	0.00
76 T	1,2,3-Trichloropropane	50.000	46.089	7.8	73	0.00
77 T	Bromobenzene	50.000	49.685	0.6	76	0.00
78 T	n-propylbenzene	50.000	54.551	-9.1	82	0.00
79 T	2-Chlorotoluene	50.000	52.846	-5.7	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.357	-8.7	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.594	-3.2	78	0.00
82 T	4-Chlorotoluene	50.000	53.283	-6.6	81	0.00
83 T	tert-Butylbenzene	50.000	53.022	-6.0	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.747	-9.5	81	0.00
85 T	sec-Butylbenzene	50.000	54.416	-8.8	82	0.00
86 T	p-Isopropyltoluene	50.000	54.641	-9.3	82	0.00
87 T	1,3-Dichlorobenzene	50.000	51.656	-3.3	81	0.00
88 T	1,4-Dichlorobenzene	50.000	51.473	-2.9	81	0.00
89 T	n-Butylbenzene	50.000	55.231	-10.5	83	0.00
90 T	Hexachloroethane	50.000	51.967	-3.9	83	0.00
91 T	1,2-Dichlorobenzene	50.000	51.452	-2.9	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.369	-0.7	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.198	-0.4	78	0.00
94 T	Hexachlorobutadiene	50.000	49.746	0.5	81	0.00
95 T	Naphthalene	50.000	49.892	0.2	74	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.992	0.0	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



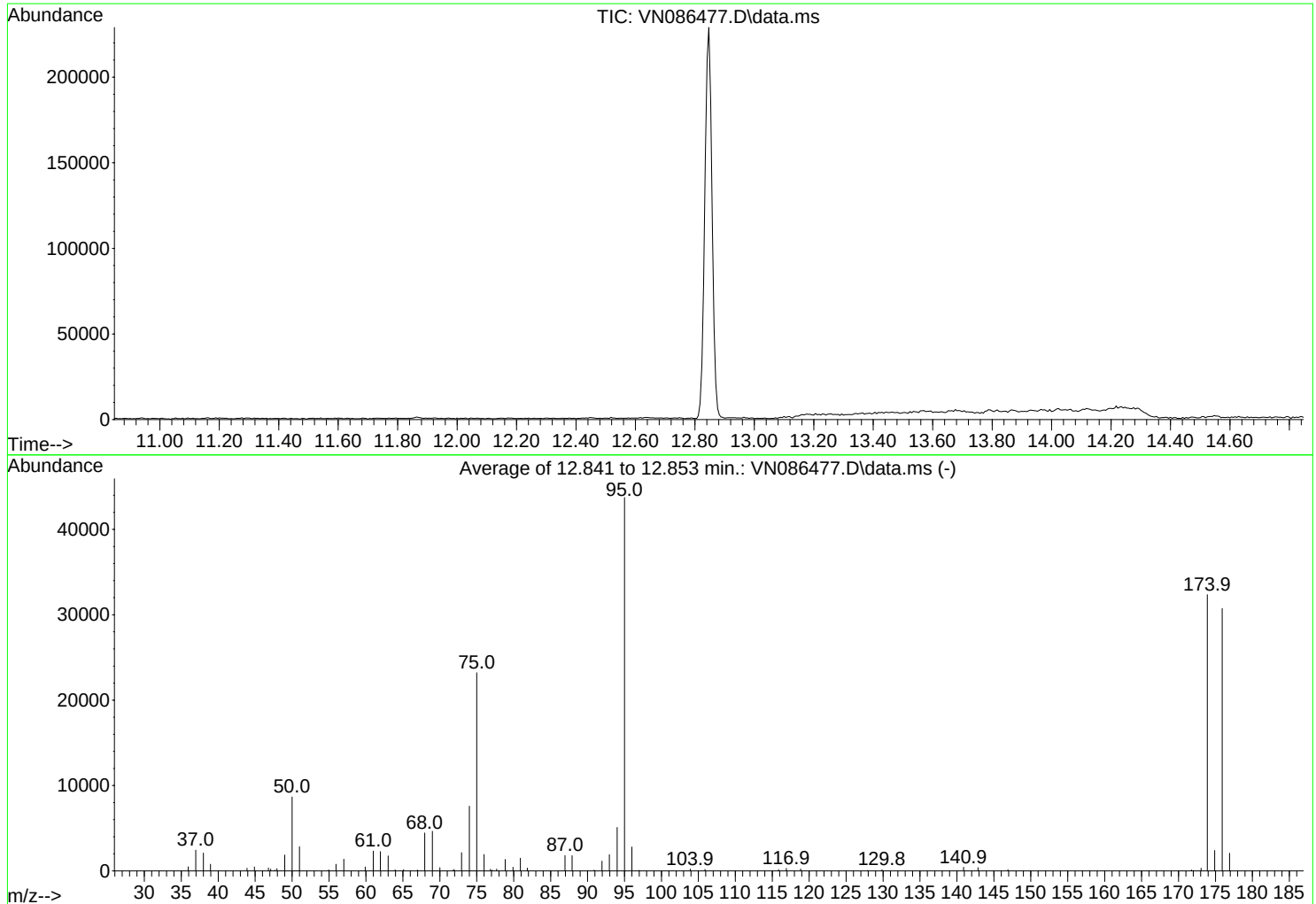
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086477.D
Acq On : 05 May 2025 10:23
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Title : SW846 8260
Last Update : Wed Apr 16 04:19:23 2025



AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1843

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	19.8	8661	PASS
75	95	30	60	53.1	23221	PASS
95	95	100	100	100.0	43739	PASS
96	95	5	9	6.4	2801	PASS
173	174	0.00	2	1.0	319	PASS
174	95	50	100	74.0	32349	PASS
175	174	5	9	7.4	2398	PASS
176	174	95	101	95.0	30739	PASS
177	176	5	9	6.8	2079	PASS

BFB

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	478	50.00	8661	66.95	115	77.10	101
36.95	2433	51.00	2835	67.95	4441	77.70	211
38.00	2086	54.95	140	69.00	4646	78.85	134
38.95	787	55.95	782	70.00	386	79.90	43
43.90	320	57.00	1377	71.80	89	80.90	1487
44.90	463	59.90	462	71.95	170	81.85	333
46.80	352	61.00	2317	72.95	2149	86.95	1803
47.10	210	61.95	2250	74.00	7577	87.90	1800
47.70	83	63.00	1766	75.00	23221	90.90	107
47.95	261	63.95	129	76.00	1918	91.95	1145
49.00	1858	65.10	145	76.85	201	92.95	1909

Average of 12.841 to 12.853 min.: VN086477.D\data.ms

BFB

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.00	5096	140.90	431				
95.00	43739	142.85	380				
96.00	2801	146.90	148				
97.00	64	171.75	119				
103.90	213	172.00	59				
105.90	178	173.05	319				
115.85	164	173.90	32349				
116.90	299	174.90	2398				
118.85	240	175.90	30739				
127.90	50	176.90	2079				
129.85	136						

Instrument :

MSVOA_N

ClientSampleId :

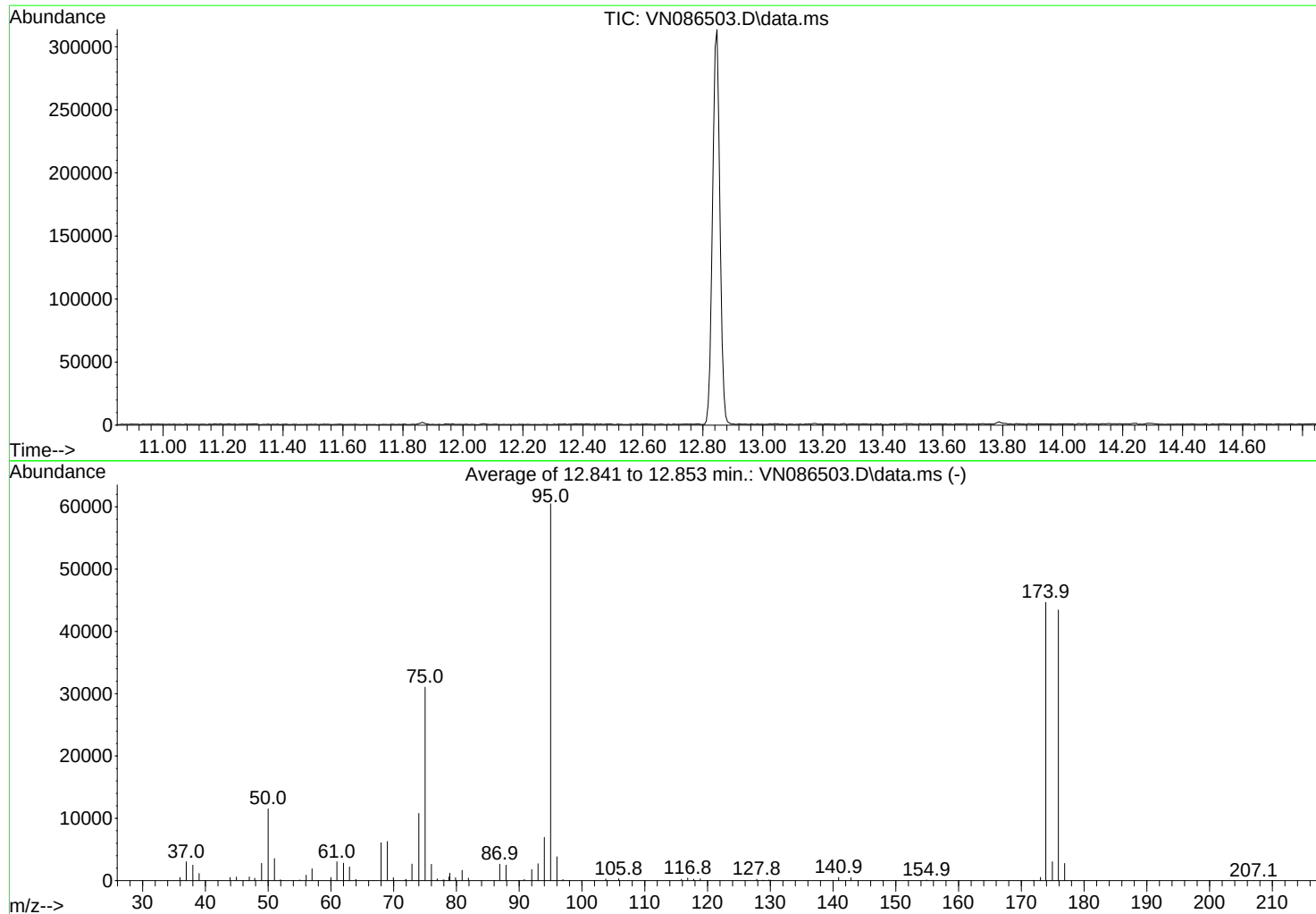
BFB

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086503.D
Acq On : 06 May 2025 09:13
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Title : SW846 8260
Last Update : Wed Apr 16 04:19:23 2025



AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1842

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.0	11520	PASS
75	95	30	60	51.3	31056	PASS
95	95	100	100	100.0	60491	PASS
96	95	5	9	6.3	3832	PASS
173	174	0.00	2	1.2	539	PASS
174	95	50	100	73.8	44659	PASS
175	174	5	9	6.8	3021	PASS
176	174	95	101	97.3	43437	PASS
177	176	5	9	6.3	2756	PASS

BFB

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	507	51.95	135	69.00	6299	78.80	591
36.95	3031	55.00	127	69.95	481	78.95	1191
38.00	2483	56.05	885	71.80	101	79.85	46
39.00	1154	57.00	1899	71.95	215	80.90	166
43.95	496	60.00	516	72.90	2665	81.90	414
44.95	564	60.95	3027	74.00	10779	86.90	2649
47.00	597	62.00	2808	75.00	31056	87.90	2490
47.85	403	62.95	2206	76.00	2621	90.80	207
48.95	2772	63.95	205	76.95	272	92.00	1786
50.00	11520	66.80	51	77.80	63	93.00	2708
51.00	3534	68.00	6084	78.00	136	94.00	6954

Average of 12.841 to 12.853 min.: VN086503.D\data.ms

BFB

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.00	60491	129.00	53	175.90	43437		
96.00	3832	129.80	124	176.90	2756		
96.95	181	130.00	76	207.05	20		
103.80	273	140.90	498				
105.85	290	142.85	477				
115.85	197	147.80	56				
116.85	419	154.90	118				
117.80	227	171.90	50				
118.85	291	173.05	539				
127.85	222	173.90	44659				
128.80	66	174.95	3021				

Instrument :

MSVOA_N

ClientSampleId :

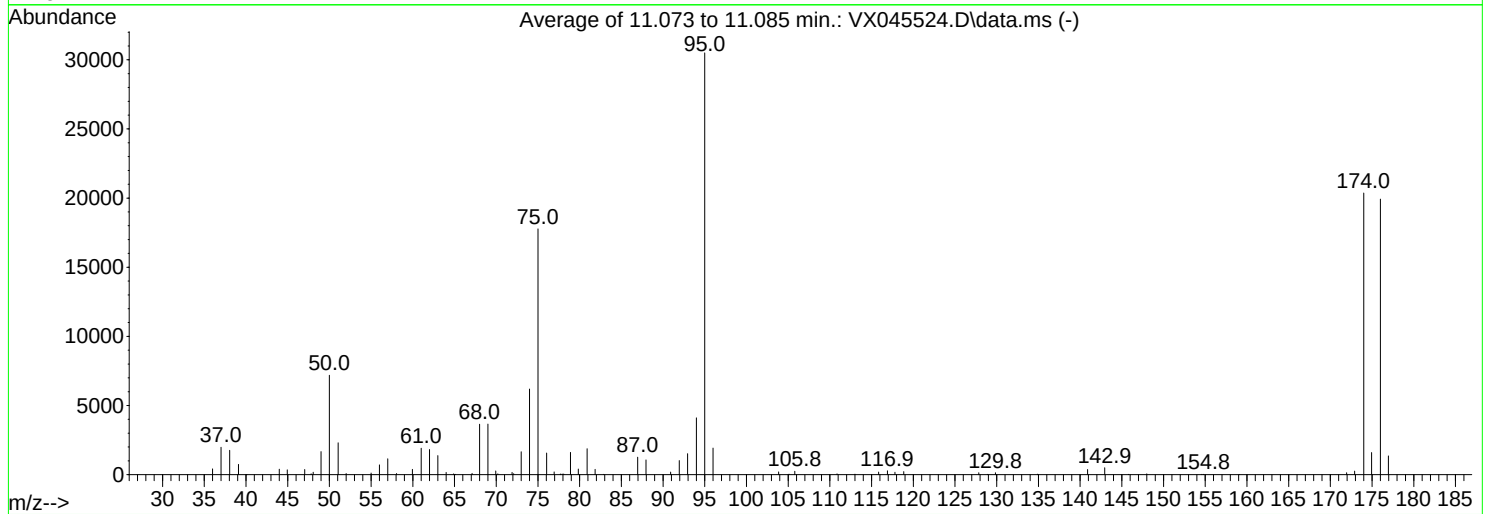
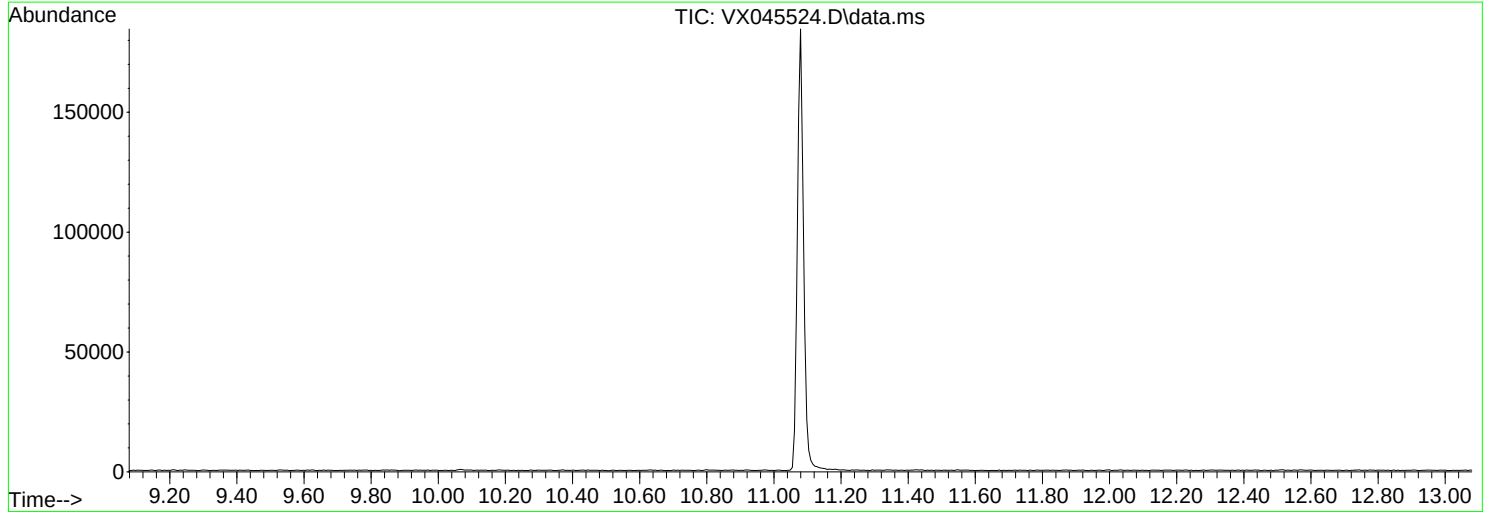
BFB

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045524.D
Acq On : 01 Apr 2025 16:15
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

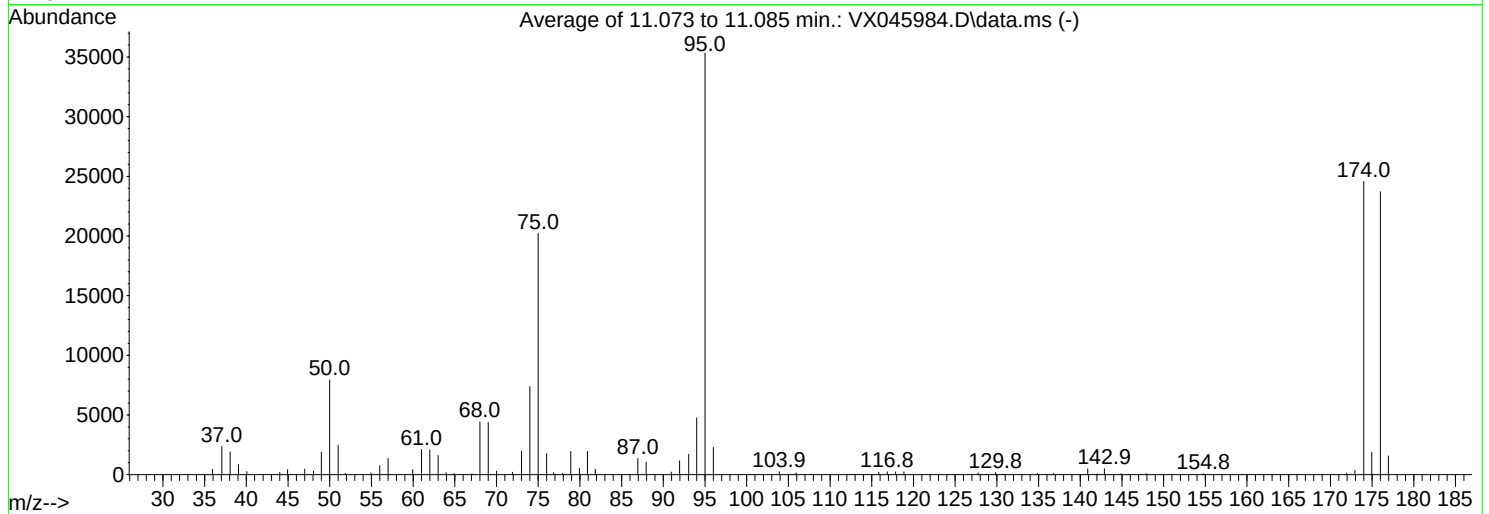
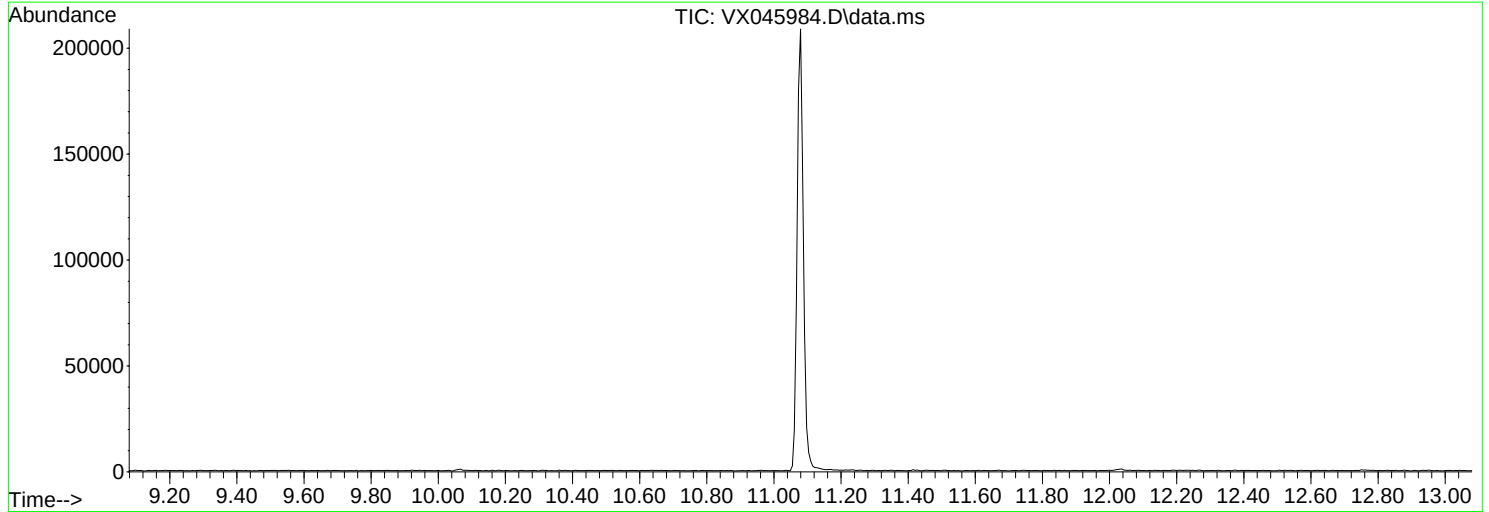
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.6	7184	PASS
75	95	30	60	58.2	17768	PASS
95	95	100	100	100.0	30504	PASS
96	95	5	9	6.3	1916	PASS
173	174	0.00	2	1.2	253	PASS
174	95	50	100	66.8	20365	PASS
175	174	5	9	7.8	1596	PASS
176	174	95	101	97.8	19923	PASS
177	176	5	9	6.8	1352	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045984.D
Acq On : 30 Apr 2025 09:32
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

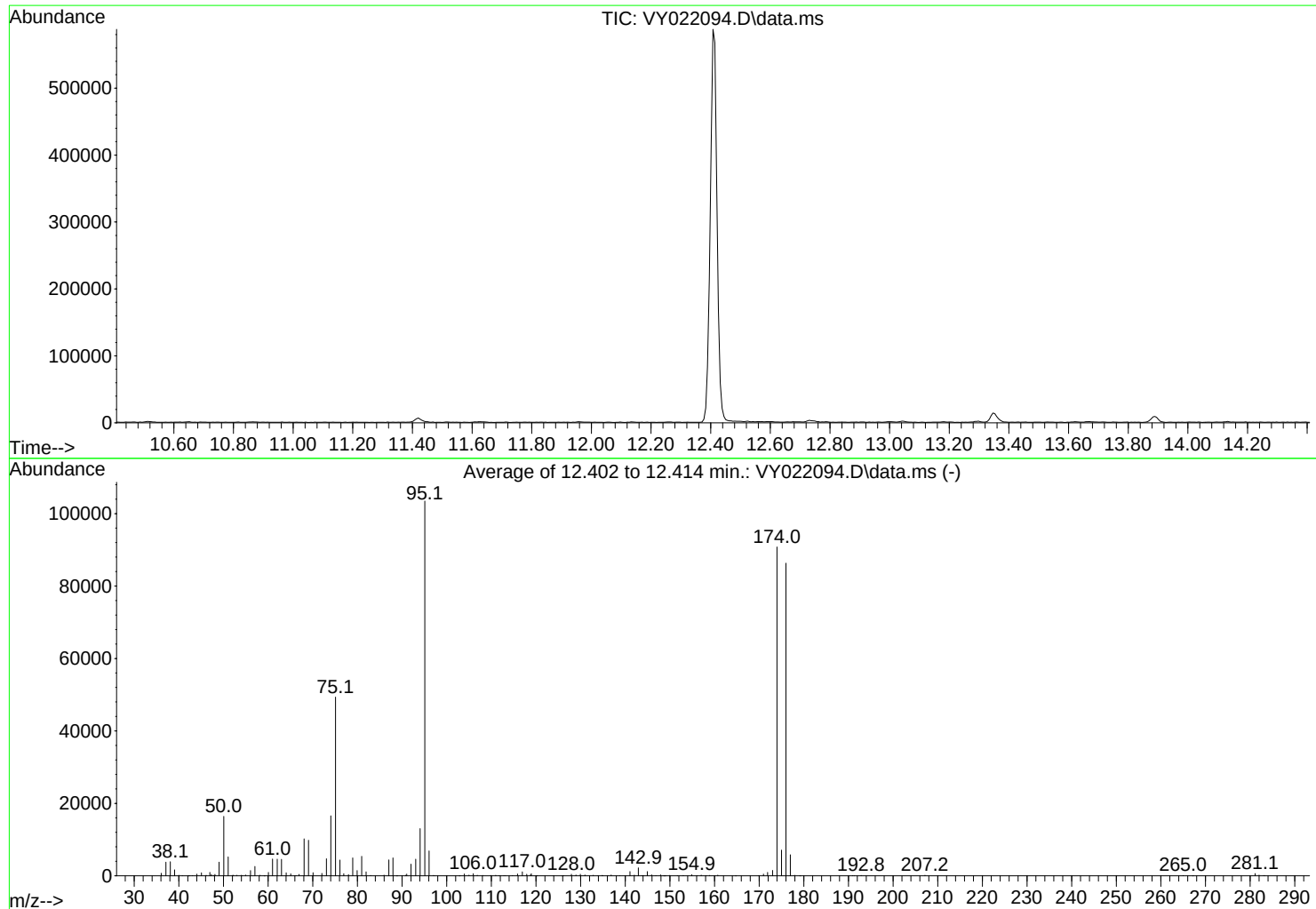
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.5	7942	PASS
75	95	30	60	57.2	20221	PASS
95	95	100	100	100.0	35349	PASS
96	95	5	9	6.5	2291	PASS
173	174	0.00	2	1.4	345	PASS
174	95	50	100	69.5	24563	PASS
175	174	5	9	7.7	1882	PASS
176	174	95	101	96.5	23704	PASS
177	176	5	9	6.6	1575	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022094.D
Acq On : 01 May 2025 08:20
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Title : SW846 8260
Last Update : Wed Apr 23 02:30:30 2025



AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1744

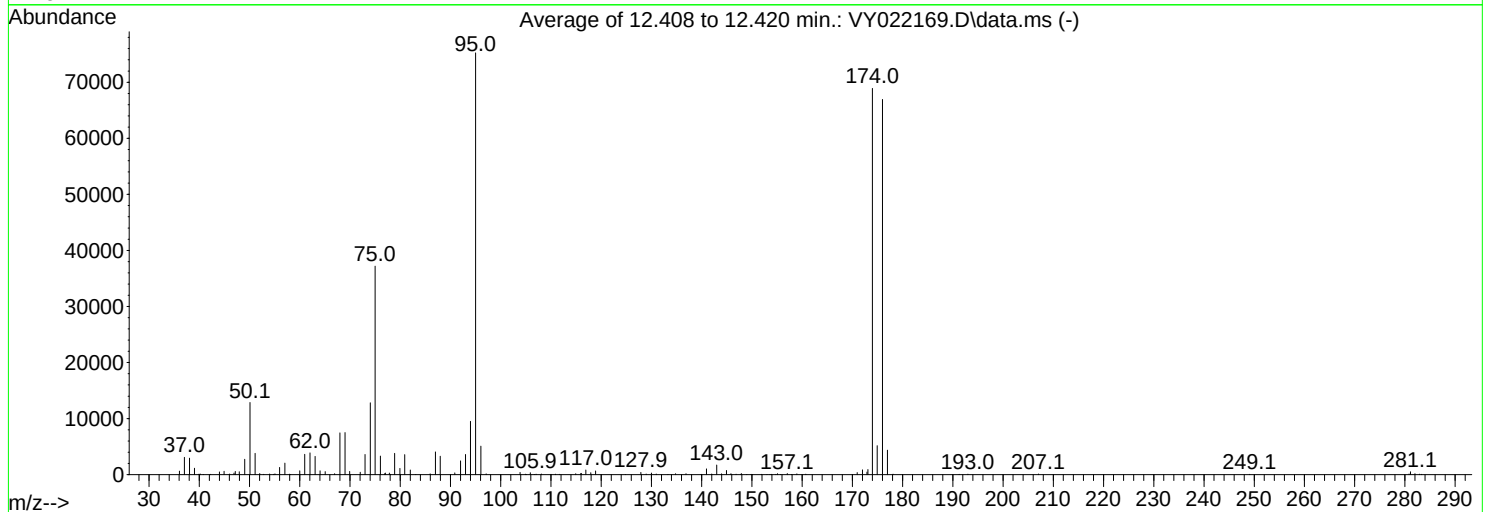
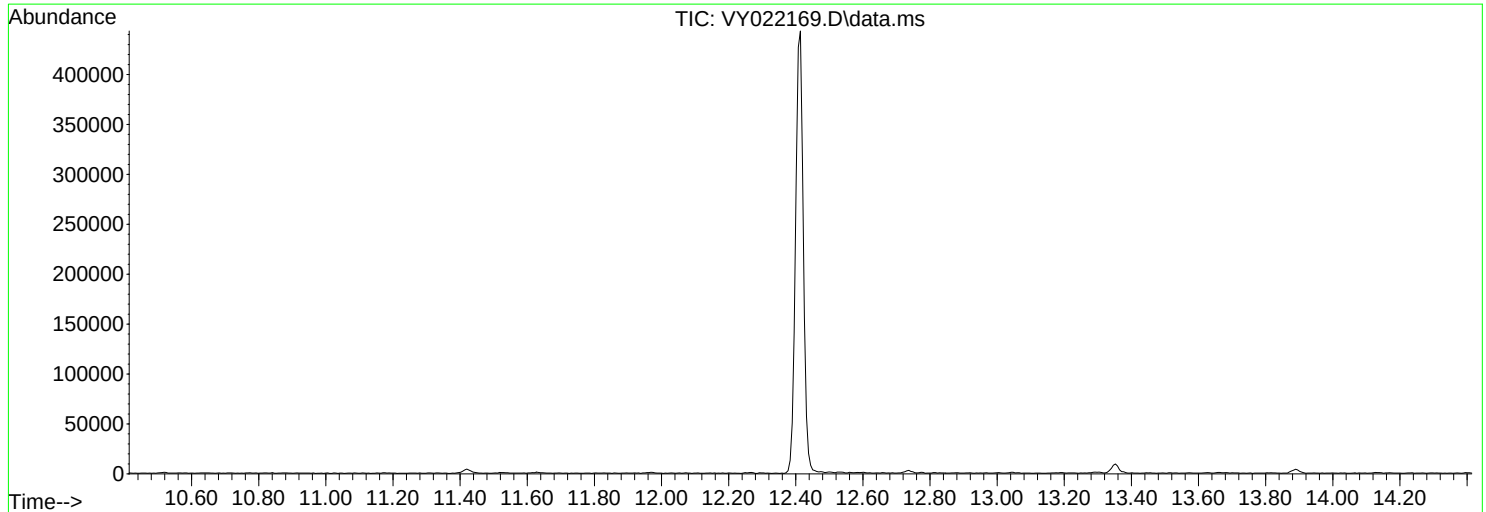
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.8	16401	PASS
75	95	30	60	47.7	49328	PASS
95	95	100	100	100.0	103483	PASS
96	95	5	9	6.6	6869	PASS
173	174	0.00	2	1.7	1510	PASS
174	95	50	100	87.7	90792	PASS
175	174	5	9	7.8	7092	PASS
176	174	95	101	95.1	86309	PASS
177	176	5	9	6.8	5827	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022169.D
Acq On : 06 May 2025 08:00
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Title : SW846 8260
Last Update : Wed Apr 23 02:30:30 2025



AutoFind: Scans 1753, 1754, 1755; Background Corrected with Scan 1744

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.1	12878	PASS
75	95	30	60	49.4	37192	PASS
95	95	100	100	100.0	75248	PASS
96	95	5	9	6.8	5094	PASS
173	174	0.00	2	1.3	927	PASS
174	95	50	100	91.6	68904	PASS
175	174	5	9	7.5	5160	PASS
176	174	95	101	97.2	66941	PASS
177	176	5	9	6.5	4380	PASS

Instrument ID: **MSVOA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # VN050525

Review By	John Carlone	Review On	5/6/2025 10:01:09 AM
Supervise By	Maresh Dadoda	Supervise On	5/6/2025 12:40:44 PM
SubDirectory	VN050525	HP Acquire Method	HP Processing Method 82N041525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133808		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133809,VP133810		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086477.D	05 May 2025 10:23	JC\MD	Ok
2	VSTDCCC050	VN086478.D	05 May 2025 11:32	JC\MD	Ok,M
3	VN0505MBL01	VN086479.D	05 May 2025 12:13	JC\MD	Ok
4	VN0505WBL01	VN086480.D	05 May 2025 12:38	JC\MD	Ok
5	VN0505WBS01	VN086481.D	05 May 2025 13:02	JC\MD	Ok,M
6	VN0505WBSD01	VN086482.D	05 May 2025 13:36	JC\MD	Ok,M
7	IBLK	VN086483.D	05 May 2025 14:00	JC\MD	Ok
8	Q1942-01	VN086484.D	05 May 2025 14:24	JC\MD	Ok
9	Q1942-02	VN086485.D	05 May 2025 14:48	JC\MD	Ok
10	Q1942-03	VN086486.D	05 May 2025 15:12	JC\MD	Ok
11	Q1942-04	VN086487.D	05 May 2025 15:36	JC\MD	Ok
12	Q1956-07	VN086488.D	05 May 2025 16:00	JC\MD	Ok
13	Q1929-05RE	VN086489.D	05 May 2025 16:25	JC\MD	Confirms
14	Q1929-09RE	VN086490.D	05 May 2025 16:49	JC\MD	Confirms
15	VN0505MBS01	VN086491.D	05 May 2025 17:13	JC\MD	Ok,M
16	VN0505MBSD01	VN086492.D	05 May 2025 17:37	JC\MD	Ok,M
17	Q1914-06ME	VN086493.D	05 May 2025 18:01	JC\MD	Not Ok
18	Q1914-07MEDL	VN086494.D	05 May 2025 18:25	JC\MD	Ok
19	Q1914-08DL	VN086495.D	05 May 2025 18:49	JC\MD	Ok
20	Q1914-09MEDL	VN086496.D	05 May 2025 19:14	JC\MD	Ok
21	Q1914-12	VN086497.D	05 May 2025 19:38	JC\MD	Not Ok

Instrument ID: **MSVOA_N**

Daily Analysis Runlog For Sequence/QCBatch ID # VN050525

Review By	John Carlone	Review On	5/6/2025 10:01:09 AM
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:40:44 PM
SubDirectory	VN050525	HP Acquire Method	HP Processing Method 82N041525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133808		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133809,VP133810		

22	IBLK	VN086498.D	05 May 2025 20:02	JC\MD	Ok
23	Q1939-03	VN086499.D	05 May 2025 20:26	JC\MD	Not Ok
24	Q1939-06	VN086500.D	05 May 2025 20:50	JC\MD	Ok
25	IBLK	VN086501.D	05 May 2025 21:14	JC\MD	Ok
26	VSTDCCC050	VN086502.D	05 May 2025 21:38	JC\MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # VN050625

Review By	John Carlone	Review On	5/7/2025 9:53:45 AM
Supervise By	Maresh Dadoda	Supervise On	5/7/2025 1:29:39 PM
SubDirectory	VN050625	HP Acquire Method	HP Processing Method 82N041525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133826		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133827,VP133828		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086503.D	06 May 2025 09:13	JC\MD	Ok
2	VSTDCCC050	VN086504.D	06 May 2025 10:35	JC\MD	Ok,M
3	VN0506MBL01	VN086505.D	06 May 2025 11:11	JC\MD	Ok
4	VN0506WBL01	VN086506.D	06 May 2025 11:35	JC\MD	Ok
5	VN0506WBS01	VN086507.D	06 May 2025 11:59	JC\MD	Ok,M
6	VN0506WBSD01	VN086508.D	06 May 2025 12:34	JC\MD	Ok,M
7	Q1947-04	VN086509.D	06 May 2025 12:58	JC\MD	Ok
8	Q1947-08	VN086510.D	06 May 2025 13:22	JC\MD	Ok
9	Q1951-04	VN086511.D	06 May 2025 13:46	JC\MD	Ok,M
10	Q1956-05	VN086512.D	06 May 2025 14:11	JC\MD	Ok,M
11	Q1959-02	VN086513.D	06 May 2025 14:35	JC\MD	Ok,M
12	Q1960-03	VN086514.D	06 May 2025 14:59	JC\MD	Ok,M
13	VN0506MBS01	VN086515.D	06 May 2025 15:23	JC\MD	Ok,M
14	VN0506MBSD01	VN086516.D	06 May 2025 15:47	JC\MD	Ok,M
15	Q1939-03	VN086517.D	06 May 2025 16:11	JC\MD	ReRun
16	Q1914-06ME	VN086518.D	06 May 2025 16:35	JC\MD	Ok
17	Q1914-07ME	VN086519.D	06 May 2025 16:59	JC\MD	Dilution
18	Q1914-08	VN086520.D	06 May 2025 17:23	JC\MD	Dilution
19	Q1914-09ME	VN086521.D	06 May 2025 17:48	JC\MD	Dilution
20	Q1966-03	VN086522.D	06 May 2025 18:12	JC\MD	ReRun
21	IBLK	VN086523.D	06 May 2025 18:36	JC\MD	Ok

Instrument ID: **MSVOA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # VN050625

Review By	John Carlone	Review On	5/7/2025 9:53:45 AM
Supervise By	Mahesh Dadoda	Supervise On	5/7/2025 1:29:39 PM
SubDirectory	VN050625	HP Acquire Method	HP Processing Method 82N041525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133826		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133827,VP133828		

22	IBLK	VN086524.D	06 May 2025 19:00	JC\MD	Ok
23	IBLK	VN086525.D	06 May 2025 19:24	JC\MD	Ok
24	VSTDCCC050	VN086526.D	06 May 2025 19:48	JC\MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045524.D	01 Apr 2025 16:15	JC/MD	Ok
2	VSTDICC001	VX045525.D	01 Apr 2025 17:06	JC/MD	Ok,M
3	VSTDICC005	VX045526.D	01 Apr 2025 17:29	JC/MD	Ok,M
4	VSTDICC020	VX045527.D	01 Apr 2025 17:52	JC/MD	Ok,M
5	VSTDICCC050	VX045528.D	01 Apr 2025 18:15	JC/MD	Ok,M
6	VSTDICC100	VX045529.D	01 Apr 2025 18:38	JC/MD	Ok,M
7	VSTDICC150	VX045530.D	01 Apr 2025 19:02	JC/MD	Ok,M
8	IBLK	VX045531.D	01 Apr 2025 19:25	JC/MD	Ok
9	VSTDICV050	VX045532.D	01 Apr 2025 19:48	JC/MD	Ok,M
10	BFB	VX045533.D	02 Apr 2025 09:30	JC/MD	Ok
11	VSTDCCC050	VX045534.D	02 Apr 2025 10:02	JC/MD	Ok,M
12	VX0402MBL01	VX045535.D	02 Apr 2025 10:30	JC/MD	Ok
13	VX0402WBL01	VX045536.D	02 Apr 2025 10:53	JC/MD	Ok
14	VX0402WBS01	VX045537.D	02 Apr 2025 11:16	JC/MD	Ok,M
15	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44	JC/MD	Ok,M
16	Q1697-01	VX045539.D	02 Apr 2025 12:07	JC/MD	Dilution
17	Q1697-02	VX045540.D	02 Apr 2025 12:30	JC/MD	Dilution
18	IBLK	VX045541.D	02 Apr 2025 12:54	JC/MD	Ok
19	Q1697-01DL	VX045542.D	02 Apr 2025 13:21	JC/MD	Ok
20	Q1697-02DL	VX045543.D	02 Apr 2025 13:44	JC/MD	Ok
21	Q1697-03	VX045544.D	02 Apr 2025 14:07	JC/MD	Not Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1697-04	VX045545.D	02 Apr 2025 14:31	JC/MD	Not Ok
23	Q1697-05	VX045546.D	02 Apr 2025 14:54	JC/MD	Not Ok
24	Q1697-07	VX045547.D	02 Apr 2025 15:18	JC/MD	Not Ok
25	IBLK	VX045548.D	02 Apr 2025 15:41	JC/MD	Ok
26	Q1697-03	VX045549.D	02 Apr 2025 16:04	JC/MD	Ok
27	Q1697-04	VX045550.D	02 Apr 2025 16:27	JC/MD	Ok
28	Q1697-05	VX045551.D	02 Apr 2025 16:51	JC/MD	Ok
29	Q1697-06	VX045552.D	02 Apr 2025 17:14	JC/MD	ReRun
30	Q1623-01	VX045553.D	02 Apr 2025 17:37	JC/MD	Ok
31	Q1623-02	VX045554.D	02 Apr 2025 18:01	JC/MD	Ok
32	Q1623-03	VX045555.D	02 Apr 2025 18:24	JC/MD	Ok
33	Q1623-04	VX045556.D	02 Apr 2025 18:47	JC/MD	Ok
34	VSTDCCC050	VX045557.D	02 Apr 2025 19:10	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX043025

Review By	John Carlone	Review On	5/2/2025 10:12:27 AM
Supervise By	Semsettin Yesilyurt	Supervise On	5/5/2025 4:29:00 AM
SubDirectory	VX043025	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133790		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133791,VP133792		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045984.D	30 Apr 2025 09:32	JC/MD	Ok
2	VSTDCCC050	VX045985.D	30 Apr 2025 10:01	JC/MD	Ok,M
3	VX0430MBL01	VX045986.D	30 Apr 2025 10:32	JC/MD	Ok
4	VX0430WBL01	VX045987.D	30 Apr 2025 10:55	JC/MD	Ok
5	VX0430WBS01	VX045988.D	30 Apr 2025 11:19	JC/MD	Ok,M
6	VX0430WBSD01	VX045989.D	30 Apr 2025 11:46	JC/MD	Ok,M
7	IBLK	VX045990.D	30 Apr 2025 12:09	JC/MD	Ok
8	Q1914-14	VX045991.D	30 Apr 2025 12:32	JC/MD	Ok
9	Q1904-02	VX045992.D	30 Apr 2025 12:56	JC/MD	Ok
10	Q1901-09	VX045993.D	30 Apr 2025 13:19	JC/MD	Ok
11	Q1901-10	VX045994.D	30 Apr 2025 13:42	JC/MD	Ok
12	Q1915-01	VX045995.D	30 Apr 2025 14:06	JC/MD	Ok
13	Q1901-08	VX045996.D	30 Apr 2025 14:29	JC/MD	Ok
14	Q1905-04	VX045997.D	30 Apr 2025 14:53	JC/MD	Ok
15	Q1905-08	VX045998.D	30 Apr 2025 15:16	JC/MD	Ok
16	Q1906-04	VX045999.D	30 Apr 2025 15:40	JC/MD	Ok
17	Q1906-08	VX046000.D	30 Apr 2025 16:03	JC/MD	Ok
18	Q1906-12	VX046001.D	30 Apr 2025 16:27	JC/MD	Ok
19	Q1906-16	VX046002.D	30 Apr 2025 16:50	JC/MD	Ok
20	Q1907-02	VX046003.D	30 Apr 2025 17:13	JC/MD	Ok,M
21	Q1912-04	VX046004.D	30 Apr 2025 17:37	JC/MD	Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QCBatch ID # VX043025

Review By	John Carlone	Review On	5/2/2025 10:12:27 AM
Supervise By	Semsettin Yesilyurt	Supervise On	5/5/2025 4:29:00 AM
SubDirectory	VX043025	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133790		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133791,VP133792		

22	Q1912-08	VX046005.D	30 Apr 2025 18:00	JC/MD	Ok
23	Q1913-01	VX046006.D	30 Apr 2025 18:24	JC/MD	Ok
24	Q1913-03	VX046007.D	30 Apr 2025 18:47	JC/MD	Ok
25	Q1913-04	VX046008.D	30 Apr 2025 19:10	JC/MD	ReRun
26	Q1913-02	VX046009.D	30 Apr 2025 19:34	JC/MD	Ok
27	Q1901-11	VX046010.D	30 Apr 2025 19:57	JC/MD	Ok
28	VSTDCCC050	VX046011.D	30 Apr 2025 20:21	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QCBatch ID # VY050125

Review By	Semsettin Yesilyurt	Review On	5/5/2025 2:51:02 PM		
Supervise By	Maresh Dadoda	Supervise On	5/5/2025 2:57:16 PM		
SubDirectory	VY050125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP133796			
CCC		VP133797,VP133798			
Internal Standard/PEM		VP131783			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022094.D	01 May 2025 08:20	SY/MD	Ok
2	VSTDCCC050	VY022095.D	01 May 2025 08:50	SY/MD	Ok,M
3	VY0501SBL01	VY022096.D	01 May 2025 10:11	SY/MD	Ok
4	VY0501SBS01	VY022097.D	01 May 2025 10:42	SY/MD	Ok,M
5	VY0501SBSD01	VY022098.D	01 May 2025 11:04	SY/MD	Ok,M
6	Q1920-01	VY022099.D	01 May 2025 11:54	SY/MD	Ok
7	Q1911-01RE	VY022100.D	01 May 2025 12:17	SY/MD	Confirms
8	Q1916-03	VY022101.D	01 May 2025 12:41	SY/MD	Ok
9	Q1923-01	VY022102.D	01 May 2025 13:04	SY/MD	ReRun
10	Q1922-03	VY022103.D	01 May 2025 13:28	SY/MD	Ok
11	Q1922-07	VY022104.D	01 May 2025 13:51	SY/MD	Ok
12	Q1901-01	VY022105.D	01 May 2025 14:15	SY/MD	Ok
13	Q1901-03	VY022106.D	01 May 2025 14:38	SY/MD	Ok
14	Q1914-01	VY022107.D	01 May 2025 15:02	SY/MD	Ok
15	Q1914-02	VY022108.D	01 May 2025 15:28	SY/MD	Ok
16	Q1914-03	VY022109.D	01 May 2025 16:04	SY/MD	Ok
17	Q1914-04	VY022110.D	01 May 2025 16:27	SY/MD	Ok
18	Q1914-05	VY022111.D	01 May 2025 16:49	SY/MD	Ok
19	Q1914-06	VY022112.D	01 May 2025 17:16	SY/MD	Dilution
20	Q1914-07	VY022113.D	01 May 2025 17:37	SY/MD	Dilution
21	Q1914-09	VY022114.D	01 May 2025 18:00	SY/MD	Dilution

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY050125

Review By	Semsettin Yesilyurt	Review On	5/5/2025 2:51:02 PM		
Supervise By	Mahesh Dadoda	Supervise On	5/5/2025 2:57:16 PM		
SubDirectory	VY050125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m
STD. NAME	STD REF.#				
Tune/Reschk Initial Calibration Stds	VP133796				
CCC	VP133797,VP133798				
Internal Standard/PEM	VP131783				
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q1914-10MS	VY022115.D	01 May 2025 18:23	SY/MD	Ok,M
23	Q1914-11MSD	VY022116.D	01 May 2025 18:46	SY/MD	Ok,M
24	VSTDCCC050	VY022117.D	01 May 2025 19:08	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QCBatch ID # VY050625

Review By	Mahesh Dadoda	Review On	5/7/2025 1:28:03 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/7/2025 1:47:17 PM		
SubDirectory	VY050625	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP133823			
CCC		VP133824,VP133825			
Internal Standard/PEM		VP131783			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022169.D	06 May 2025 08:00	SY/MD	Ok
2	VSTDCCC050	VY022170.D	06 May 2025 09:14	SY/MD	Ok,M
3	VY0506SBL01	VY022171.D	06 May 2025 09:45	SY/MD	Ok
4	VY0506SBS01	VY022172.D	06 May 2025 10:17	SY/MD	Ok,M
5	VY0506SBSD01	VY022173.D	06 May 2025 10:39	SY/MD	Ok,M
6	Q1961-01	VY022174.D	06 May 2025 11:29	SY/MD	ReRun
7	Q1952-01	VY022175.D	06 May 2025 11:53	SY/MD	Ok
8	Q1962-01	VY022176.D	06 May 2025 12:16	SY/MD	ReRun
9	Q1960-02	VY022177.D	06 May 2025 12:40	SY/MD	Ok
10	Q1914-12	VY022178.D	06 May 2025 13:03	SY/MD	Ok
11	Q1964-03	VY022179.D	06 May 2025 13:26	SY/MD	Ok,M
12	VSTDCCC050	VY022180.D	06 May 2025 14:42	SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN050525

Review By	John Carlone	Review On	5/6/2025 10:01:09 AM
Supervise By	Maresh Dadoda	Supervise On	5/6/2025 12:40:44 PM
SubDirectory	VN050525	HP Acquire Method	HP Processing Method 82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133808
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133809,VP133810

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086477.D	05 May 2025 10:23		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN086478.D	05 May 2025 11:32	pH#Lot#V12668	JC\MD	Ok,M
3	VN0505MBL01	VN0505MBL01	VN086479.D	05 May 2025 12:13		JC\MD	Ok
4	VN0505WBL01	VN0505WBL01	VN086480.D	05 May 2025 12:38		JC\MD	Ok
5	VN0505WBS01	VN0505WBS01	VN086481.D	05 May 2025 13:02		JC\MD	Ok,M
6	VN0505WBSD01	VN0505WBSD01	VN086482.D	05 May 2025 13:36		JC\MD	Ok,M
7	IBLK	IBLK	VN086483.D	05 May 2025 14:00		JC\MD	Ok
8	Q1942-01	STORAGE-BLANK-SO	VN086484.D	05 May 2025 14:24	vial A pH<2	JC\MD	Ok
9	Q1942-02	STORAGE-BLANK-WA	VN086485.D	05 May 2025 14:48	vial A pH<2	JC\MD	Ok
10	Q1942-03	STORAGE-BLANK-WA	VN086486.D	05 May 2025 15:12	vial A pH<2	JC\MD	Ok
11	Q1942-04	STORAGE-BLANK-SAI	VN086487.D	05 May 2025 15:36	vial A pH<2	JC\MD	Ok
12	Q1956-07	FB-05022025	VN086488.D	05 May 2025 16:00	vial A pH<2 FB	JC\MD	Ok
13	Q1929-05RE	WC-A1-03-GRE	VN086489.D	05 May 2025 16:25	vial B pH#5.0 Surrogate Fail	JC\MD	Confirms
14	Q1929-09RE	WC-A1-04-GRE	VN086490.D	05 May 2025 16:49	vial B pH#5.0 Surrogate Fail	JC\MD	Confirms
15	VN0505MBS01	VN0505MBS01	VN086491.D	05 May 2025 17:13		JC\MD	Ok,M
16	VN0505MBSD01	VN0505MBSD01	VN086492.D	05 May 2025 17:37		JC\MD	Ok,M
17	Q1914-06ME	SS-5ME	VN086493.D	05 May 2025 18:01	run straight meoh	JC\MD	Not Ok
18	Q1914-07MEDL	SS-6MEDL	VN086494.D	05 May 2025 18:25		JC\MD	Ok

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN050525

Review By	John Carlone	Review On	5/6/2025 10:01:09 AM
Supervise By	Maresh Dadoda	Supervise On	5/6/2025 12:40:44 PM
SubDirectory	VN050525	HP Acquire Method	HP Processing Method 82N041525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133808		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133809,VP133810		

19	Q1914-08DL	SS-7DL	VN086495.D	05 May 2025 18:49		JC\MD	Ok
20	Q1914-09MEDL	SS-8MEDL	VN086496.D	05 May 2025 19:14		JC\MD	Ok
21	Q1914-12	SS-9	VN086497.D	05 May 2025 19:38	run soil	JC\MD	Not Ok
22	IBLK	IBLK	VN086498.D	05 May 2025 20:02		JC\MD	Ok
23	Q1939-03	GB2	VN086499.D	05 May 2025 20:26	Need Straight Run	JC\MD	Not Ok
24	Q1939-06	GB3B	VN086500.D	05 May 2025 20:50	vial C	JC\MD	Ok
25	IBLK	IBLK	VN086501.D	05 May 2025 21:14		JC\MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VN086502.D	05 May 2025 21:38		JC\MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN050625

Review By	John Carlone	Review On	5/7/2025 9:53:45 AM
Supervise By	Maresh Dadoda	Supervise On	5/7/2025 1:29:39 PM
SubDirectory	VN050625	HP Acquire Method	HP Processing Method 82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133826
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133827,VP133828

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086503.D	06 May 2025 09:13		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN086504.D	06 May 2025 10:35	CCC Failed Low For Com.#17,31	JC\MD	Ok,M
3	VN0506MBL01	VN0506MBL01	VN086505.D	06 May 2025 11:11		JC\MD	Ok
4	VN0506WBL01	VN0506WBL01	VN086506.D	06 May 2025 11:35		JC\MD	Ok
5	VN0506WBS01	VN0506WBS01	VN086507.D	06 May 2025 11:59		JC\MD	Ok,M
6	VN0506WBSD01	VN0506WBSD01	VN086508.D	06 May 2025 12:34		JC\MD	Ok,M
7	Q1947-04	MH-P	VN086509.D	06 May 2025 12:58	vial A pH#5.0	JC\MD	Ok
8	Q1947-08	MH-O	VN086510.D	06 May 2025 13:22	vial A pH#5.0	JC\MD	Ok
9	Q1951-04	MH-KK	VN086511.D	06 May 2025 13:46	vial A pH#5.0	JC\MD	Ok,M
10	Q1956-05	COMP1	VN086512.D	06 May 2025 14:11	vial A pH#5.0	JC\MD	Ok,M
11	Q1959-02	SOIL-PILE	VN086513.D	06 May 2025 14:35	vial A pH#5.0	JC\MD	Ok,M
12	Q1960-03	72-11933	VN086514.D	06 May 2025 14:59	vial A pH#5.0	JC\MD	Ok,M
13	VN0506MBS01	VN0506MBS01	VN086515.D	06 May 2025 15:23		JC\MD	Ok,M
14	VN0506MBSD01	VN0506MBSD01	VN086516.D	06 May 2025 15:47		JC\MD	Ok,M
15	Q1939-03	GB2	VN086517.D	06 May 2025 16:11	vial C, CCC Failed Low	JC\MD	ReRun
16	Q1914-06ME	SS-5ME	VN086518.D	06 May 2025 16:35		JC\MD	Ok
17	Q1914-07ME	SS-6ME	VN086519.D	06 May 2025 16:59	Need 20X	JC\MD	Dilution

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN050625

Review By	John Carlone	Review On	5/7/2025 9:53:45 AM
Supervise By	Maresh Dadoda	Supervise On	5/7/2025 1:29:39 PM
SubDirectory	VN050625	HP Acquire Method	HP Processing Method 82N041525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133826		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133827,VP133828		

18	Q1914-08	SS-7	VN086520.D	06 May 2025 17:23	Need 20X	JC\MD	Dilution
19	Q1914-09ME	SS-8ME	VN086521.D	06 May 2025 17:48	Need 20X	JC\MD	Dilution
20	Q1966-03	SILICA-GEL	VN086522.D	06 May 2025 18:12	CCC Failed Low,Run@ Lower Dilution	JC\MD	ReRun
21	IBLK	IBLK	VN086523.D	06 May 2025 18:36		JC\MD	Ok
22	IBLK	IBLK	VN086524.D	06 May 2025 19:00		JC\MD	Ok
23	IBLK	IBLK	VN086525.D	06 May 2025 19:24		JC\MD	Ok
24	VSTDCCC050	VSTDCCC050EC	VN086526.D	06 May 2025 19:48		JC\MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045524.D	01 Apr 2025 16:15		JC/MD	Ok
2	VSTDIC001	VSTDIC001	VX045525.D	01 Apr 2025 17:06	%D failed for Comp. #53 in 01PPB	JC/MD	Ok,M
3	VSTDIC005	VSTDIC005	VX045526.D	01 Apr 2025 17:29		JC/MD	Ok,M
4	VSTDIC020	VSTDIC020	VX045527.D	01 Apr 2025 17:52		JC/MD	Ok,M
5	VSTDIC050	VSTDIC050	VX045528.D	01 Apr 2025 18:15		JC/MD	Ok,M
6	VSTDIC100	VSTDIC100	VX045529.D	01 Apr 2025 18:38		JC/MD	Ok,M
7	VSTDIC150	VSTDIC150	VX045530.D	01 Apr 2025 19:02		JC/MD	Ok,M
8	IBLK	IBLK	VX045531.D	01 Apr 2025 19:25		JC/MD	Ok
9	VSTDICV050	ICVVX040225	VX045532.D	01 Apr 2025 19:48		JC/MD	Ok,M
10	BFB	BFB	VX045533.D	02 Apr 2025 09:30		JC/MD	Ok
11	VSTDIC050	VSTDIC050	VX045534.D	02 Apr 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
12	VX0402MBL01	VX0402MBL01	VX045535.D	02 Apr 2025 10:30		JC/MD	Ok
13	VX0402WBL01	VX0402WBL01	VX045536.D	02 Apr 2025 10:53		JC/MD	Ok
14	VX0402WBS01	VX0402WBS01	VX045537.D	02 Apr 2025 11:16		JC/MD	Ok,M
15	VX0402WBSD01	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44		JC/MD	Ok,M
16	Q1697-01	MW-19B-72-040125	VX045539.D	02 Apr 2025 12:07	vial A pH<2 Need 200X	JC/MD	Dilution
17	Q1697-02	IW-01-55-040125	VX045540.D	02 Apr 2025 12:30	vial A pH<2 Need 10X	JC/MD	Dilution

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	IBLK	IBLK	VX045541.D	02 Apr 2025 12:54		JC/MD	Ok
19	Q1697-01DL	MW-19B-72-040125DL	VX045542.D	02 Apr 2025 13:21	vial B pH<2	JC/MD	Ok
20	Q1697-02DL	IW-01-55-040125DL	VX045543.D	02 Apr 2025 13:44	vial B pH<2	JC/MD	Ok
21	Q1697-03	IW-02-55-040125	VX045544.D	02 Apr 2025 14:07	Need lower dilution	JC/MD	Not Ok
22	Q1697-04	IW-02-55-040125-FD	VX045545.D	02 Apr 2025 14:31	Need lower dilution	JC/MD	Not Ok
23	Q1697-05	IW-03-55-040125	VX045546.D	02 Apr 2025 14:54	Need lower dilution	JC/MD	Not Ok
24	Q1697-07	MW-19B-72-040125	VX045547.D	02 Apr 2025 15:18	Not On Login	JC/MD	Not Ok
25	IBLK	IBLK	VX045548.D	02 Apr 2025 15:41		JC/MD	Ok
26	Q1697-03	IW-02-55-040125	VX045549.D	02 Apr 2025 16:04	vial A pH<2	JC/MD	Ok
27	Q1697-04	IW-02-55-040125-FD	VX045550.D	02 Apr 2025 16:27	vial A pH<2	JC/MD	Ok
28	Q1697-05	IW-03-55-040125	VX045551.D	02 Apr 2025 16:51	vial A pH<2	JC/MD	Ok
29	Q1697-06	TB-01-040125	VX045552.D	02 Apr 2025 17:14	vial A pH<2 TB;Hit of comp.#44	JC/MD	ReRun
30	Q1623-01	Storage-Blank-SOIL-RE	VX045553.D	02 Apr 2025 17:37	vial A pH<2	JC/MD	Ok
31	Q1623-02	Storage-Blank-WATER	VX045554.D	02 Apr 2025 18:01	vial A pH<2	JC/MD	Ok
32	Q1623-03	Storage-Blank-WATER	VX045555.D	02 Apr 2025 18:24	vial A pH<2	JC/MD	Ok
33	Q1623-04	Storage-Blank-SAMPLE	VX045556.D	02 Apr 2025 18:47	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX045557.D	02 Apr 2025 19:10		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX043025

Review By	John Carlone	Review On	5/2/2025 10:12:27 AM
Supervise By	Semsettin Yesilyurt	Supervise On	5/5/2025 4:29:00 AM
SubDirectory	VX043025	HP Acquire Method	HP Processing Method 82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133790
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133791,VP133792

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045984.D	30 Apr 2025 09:32		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045985.D	30 Apr 2025 10:01	pH#Lot#V12668	JC/MD	Ok,M
3	VX0430MBL01	VX0430MBL01	VX045986.D	30 Apr 2025 10:32		JC/MD	Ok
4	VX0430WBL01	VX0430WBL01	VX045987.D	30 Apr 2025 10:55		JC/MD	Ok
5	VX0430WBS01	VX0430WBS01	VX045988.D	30 Apr 2025 11:19		JC/MD	Ok,M
6	VX0430WBSD01	VX0430WBSD01	VX045989.D	30 Apr 2025 11:46		JC/MD	Ok,M
7	IBLK	IBLK	VX045990.D	30 Apr 2025 12:09		JC/MD	Ok
8	Q1914-14	FB04282025	VX045991.D	30 Apr 2025 12:32	vial A pH<2 FB	JC/MD	Ok
9	Q1904-02	VNJ-210	VX045992.D	30 Apr 2025 12:56	vial A pH#5.0	JC/MD	Ok
10	Q1901-09	B-170-SB01	VX045993.D	30 Apr 2025 13:19	vial A pH#5.0	JC/MD	Ok
11	Q1901-10	B-167-SB02	VX045994.D	30 Apr 2025 13:42	vial A pH#5.0	JC/MD	Ok
12	Q1915-01	WC-04282025	VX045995.D	30 Apr 2025 14:06	vial A pH#5.0	JC/MD	Ok
13	Q1901-08	B-167-SB01	VX045996.D	30 Apr 2025 14:29	vial A pH#5.0	JC/MD	Ok
14	Q1905-04	MH-G	VX045997.D	30 Apr 2025 14:53	vial A pH#5.0	JC/MD	Ok
15	Q1905-08	MH-H	VX045998.D	30 Apr 2025 15:16	vial A pH#5.0	JC/MD	Ok
16	Q1906-04	WC-4	VX045999.D	30 Apr 2025 15:40	vial A pH#5.0	JC/MD	Ok
17	Q1906-08	WC-5	VX046000.D	30 Apr 2025 16:03	vial A pH#5.0	JC/MD	Ok
18	Q1906-12	WC-6	VX046001.D	30 Apr 2025 16:27	vial A pH#5.0	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX043025

Review By	John Carlone	Review On	5/2/2025 10:12:27 AM
Supervise By	Semsettin Yesilyurt	Supervise On	5/5/2025 4:29:00 AM
SubDirectory	VX043025	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133790		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133791,VP133792		

19	Q1906-16	WC-7	VX046002.D	30 Apr 2025 16:50	vial A pH#5.0	JC/MD	Ok
20	Q1907-02	CO-008R-WC	VX046003.D	30 Apr 2025 17:13	vial A pH#5.0	JC/MD	Ok,M
21	Q1912-04	MH-E	VX046004.D	30 Apr 2025 17:37	vial A pH#5.0	JC/MD	Ok
22	Q1912-08	MH-F	VX046005.D	30 Apr 2025 18:00	vial A pH#5.0	JC/MD	Ok
23	Q1913-01	WC-12-S-202504	VX046006.D	30 Apr 2025 18:24	vial A pH#5.0	JC/MD	Ok
24	Q1913-03	WC-13-S-202504	VX046007.D	30 Apr 2025 18:47	vial A pH#5.0	JC/MD	Ok
25	Q1913-04	WC-13-A-202504	VX046008.D	30 Apr 2025 19:10	vial A pH#5.0 Surrogate Fail	JC/MD	ReRun
26	Q1913-02	WC-12-A-202504	VX046009.D	30 Apr 2025 19:34	vial A pH#5.0	JC/MD	Ok
27	Q1901-11	B-170-SB02	VX046010.D	30 Apr 2025 19:57	vial A pH#5.0	JC/MD	Ok
28	VSTDCCC050	VSTDCCC050EC	VX046011.D	30 Apr 2025 20:21		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY050125

Review By	Semsettin Yesilyurt	Review On	5/5/2025 2:51:02 PM
Supervise By	Maresh Dadoda	Supervise On	5/5/2025 2:57:16 PM
SubDirectory	VY050125	HP Acquire Method	MSVOA_Y HP Processing Method 82y042225s.m

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133796
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133797,VP133798 VP131783

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022094.D	01 May 2025 08:20		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022095.D	01 May 2025 08:50		SY/MD	Ok,M
3	VY0501SBL01	VY0501SBL01	VY022096.D	01 May 2025 10:11		SY/MD	Ok
4	VY0501SBS01	VY0501SBS01	VY022097.D	01 May 2025 10:42		SY/MD	Ok,M
5	VY0501SBSD01	VY0501SBSD01	VY022098.D	01 May 2025 11:04		SY/MD	Ok,M
6	Q1920-01	291	VY022099.D	01 May 2025 11:54	vial-A	SY/MD	Ok
7	Q1911-01RE	EO-03-04292025RE	VY022100.D	01 May 2025 12:17	vial-B Internal Standard Fail	SY/MD	Confirms
8	Q1916-03	WC-12-VOC	VY022101.D	01 May 2025 12:41	vial-B	SY/MD	Ok
9	Q1923-01	TR-05-04302025	VY022102.D	01 May 2025 13:04	vial-A Internal Standard Fail	SY/MD	ReRun
10	Q1922-03	MH-R-VOC	VY022103.D	01 May 2025 13:28	vial-A	SY/MD	Ok
11	Q1922-07	MH-2-VOC	VY022104.D	01 May 2025 13:51	vial-A	SY/MD	Ok
12	Q1901-01	B-170-SB00	VY022105.D	01 May 2025 14:15	vial-A	SY/MD	Ok
13	Q1901-03	B-170-SB01	VY022106.D	01 May 2025 14:38	vial-A	SY/MD	Ok
14	Q1914-01	SS-1	VY022107.D	01 May 2025 15:02	vial-A	SY/MD	Ok
15	Q1914-02	SS-91	VY022108.D	01 May 2025 15:28	vial-A	SY/MD	Ok
16	Q1914-03	SS-2	VY022109.D	01 May 2025 16:04	vial-A	SY/MD	Ok
17	Q1914-04	SS-3	VY022110.D	01 May 2025 16:27	vial-A	SY/MD	Ok
18	Q1914-05	SS-4	VY022111.D	01 May 2025 16:49	vial-A	SY/MD	Ok

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY050125

Review By	Semsettin Yesilyurt	Review On	5/5/2025 2:51:02 PM		
Supervise By	Mahesh Dadoda	Supervise On	5/5/2025 2:57:16 PM		
SubDirectory	VY050125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP133796			
CCC		VP133797,VP133798			
Internal Standard/PEM		VP131783			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q1914-06	SS-5	VY022112.D	01 May 2025 17:16	vial-A Need MeOH	SY/MD	Dilution
20	Q1914-07	SS-6	VY022113.D	01 May 2025 17:37	vial-A Internal Standard Fail;Need MeOH	SY/MD	Dilution
21	Q1914-09	SS-8	VY022114.D	01 May 2025 18:00	vial-A Internal Standard Fail; Surrogate Fail;Need MeOH	SY/MD	Dilution
22	Q1914-10MS	SS-8MS	VY022115.D	01 May 2025 18:23	vial-A Surrogate fail	SY/MD	Ok,M
23	Q1914-11MSD	SS-8MSD	VY022116.D	01 May 2025 18:46	vial-A Surrogate fail	SY/MD	Ok,M
24	VSTDCCC050	VSTDCCC050EC	VY022117.D	01 May 2025 19:08		SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY050625

Review By	Maresh Dadoda	Review On	5/7/2025 1:28:03 PM
Supervise By	Semsettin Yesilyurt	Supervise On	5/7/2025 1:47:17 PM
SubDirectory	VY050625	HP Acquire Method	MSVOA_Y HP Processing Method 82y042225s.m

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133823
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133824,VP133825 VP131783

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022169.D	06 May 2025 08:00		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022170.D	06 May 2025 09:14		SY/MD	Ok,M
3	VY0506SBL01	VY0506SBL01	VY022171.D	06 May 2025 09:45		SY/MD	Ok
4	VY0506SBS01	VY0506SBS01	VY022172.D	06 May 2025 10:17		SY/MD	Ok,M
5	VY0506SBSD01	VY0506SBSD01	VY022173.D	06 May 2025 10:39		SY/MD	Ok,M
6	Q1961-01	EO-01-050525	VY022174.D	06 May 2025 11:29	vial-A Internal Standard Fail	SY/MD	ReRun
7	Q1952-01	CLEAN-FILL	VY022175.D	06 May 2025 11:53	vial-B	SY/MD	Ok
8	Q1962-01	HD-01-050525	VY022176.D	06 May 2025 12:16	vial-A Internal Standard Fail	SY/MD	ReRun
9	Q1960-02	72-11933	VY022177.D	06 May 2025 12:40	vial-A	SY/MD	Ok
10	Q1914-12	SS-9	VY022178.D	06 May 2025 13:03	vial-A	SY/MD	Ok
11	Q1964-03	MH-LL-VOC	VY022179.D	06 May 2025 13:26	vial-A	SY/MD	Ok,M
12	VSTDCCC050	VSTDCCC050EC	VY022180.D	06 May 2025 14:42		SY/MD	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/1/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:20
In Date: 04/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 05/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135610

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1914-01	SS-1	1	1.15	10.00	11.15	10.02	88.7	
Q1914-02	SS-91	2	1.18	10.59	11.77	10.34	86.5	
Q1914-03	SS-2	3	1.18	10.20	11.38	9.76	84.1	
Q1914-04	SS-3	4	1.18	10.12	11.3	10.04	87.5	
Q1914-05	SS-4	5	1.17	10.81	11.98	10.52	86.5	
Q1914-06	SS-5	6	1.15	10.10	11.25	10.21	89.7	
Q1914-07	SS-6	7	1.19	10.20	11.39	9.74	83.8	
Q1914-08	SS-7	8	1.17	10.57	11.74	10.15	85.0	
Q1914-09	SS-8	9	1.14	9.97	11.11	10.35	92.4	
Q1914-10	Q1914-09MS	10	1.14	9.97	11.11	10.35	92.4	
Q1914-11	Q1914-09MSD	11	1.14	9.97	11.11	10.35	92.4	
Q1914-12	SS-9	12	1.16	10.03	11.19	9.9	87.1	
Q1916-01	WC-12	13	1.14	10.23	11.37	9.75	84.2	
Q1916-02	WC-12-EPH	14	1.15	10.18	11.33	10.62	93.0	
Q1916-03	WC-12-VOC	15	1.15	10.32	11.47	10.51	90.7	
Q1917-01	MH-JJ	16	1.17	10.27	11.44	10.21	88.0	
Q1917-02	MH-JJ-EPH	17	1.13	10.42	11.55	10.35	88.5	
Q1917-03	MH-JJ-VOC	18	1.18	10.38	11.56	10.24	87.3	
Q1919-01	50680	25	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1919-02	50681	26	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1920-01	291	27	1.14	10.01	11.15	10.36	92.1	
Q1920-02	291-E2	28	1.19	10.16	11.35	10.54	92.0	
Q1921-01	BC226751-1-1	29	1.00	1.00	2.00	2.00	100.0	pile
Q1921-02	BC226751-1-2	30	1.00	1.00	2.00	2.00	100.0	pile
Q1921-03	BC274768-1-1	31	1.00	1.00	2.00	2.00	100.0	pile
Q1921-04	BC274768-1-2	32	1.00	1.00	2.00	2.00	100.0	pile
Q1921-05	BC271327-1-1	33	1.00	1.00	2.00	2.00	100.0	pile
Q1921-06	BC271327-1-2	34	1.00	1.00	2.00	2.00	100.0	pile



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/1/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:20
In Date: 04/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 05/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135610

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1921-07	BC248150-1-1	35	1.00	1.00	2.00	2.00	100.0	oilc
Q1921-08	BC248150-1-2	36	1.00	1.00	2.00	2.00	100.0	oilc
Q1922-01	MH-R	19	1.18	10.30	11.48	10.4	89.5	
Q1922-02	MH-R-EPH	20	1.17	10.72	11.89	10.68	88.7	
Q1922-03	MH-R-VOC	21	1.19	10.45	11.64	10.52	89.3	
Q1922-05	MH-S	22	1.19	10.04	11.23	9.98	87.5	
Q1922-06	MH-S-EPH	23	1.15	10.76	11.91	10.6	87.8	
Q1922-07	MH-2-VOC	24	1.16	10.58	11.74	10.7	90.2	
Q1923-01	TR-05-04302025	37	1.18	9.86	11.04	10.31	92.6	
Q1923-02	TR-05-04302025-E2	38	1.18	10.70	11.88	10.84	90.3	
Q1925-01	AUD-25-0068	39	1.18	10.06	11.24	11.18	99.4	
Q1925-02	AUD-25-0069	40	1.19	10.37	11.56	11.54	99.8	
Q1925-03	AUD-25-0070	41	1.16	10.58	11.74	11.65	99.1	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

WB 135610

WorkList Name : %1-043025

WorkList ID : 189217

Department : Wet-Chemistry

Date : 04-30-2025 08:15:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1914-01	SS-1	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-02	SS-91	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-03	SS-2	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-04	SS-3	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-05	SS-4	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-06	SS-5	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-07	SS-6	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-08	SS-7	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-09	SS-8	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-10	Q1914-09MS	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-11	Q1914-09MSD	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-12	SS-9	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1916-01	WC-12	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1916-02	WC-12-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1916-03	WC-12-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1917-01	MH-JJ	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1917-02	MH-JJ-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1917-03	MH-JJ-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1919-01	50680	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1919-02	50681	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1920-01	291	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO

Date/Time 04/30/25 15:35

Raw Sample Received by: SB WBC

Raw Sample Relinquished by: CP SM

Date/Time 04/30/25

Raw Sample Received by: CP SM

Raw Sample Relinquished by: SB WBC

WORKLIST(Hardcopy Internal Chain)

135610

WorkList Name : %1-043025

WorkList ID : 189217

Department : Wet-Chemistry

Date : 04-30-2025 08:15:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1920-02	291-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1921-01	BC226751-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-02	BC226751-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-03	BC274768-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-04	BC274768-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-05	BC271327-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-06	BC271327-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-07	BC248150-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-08	BC248150-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1922-01	MH-R	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-02	MH-R-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-03	MH-R-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-05	MH-S	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-06	MH-S-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-07	MH-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1923-01	TR-05-04302025	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/30/2025	Chemtech -SO
Q1923-02	TR-05-04302025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/30/2025	Chemtech -SO
Q1925-01	AUD-25-0068	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1925-02	AUD-25-0069	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1925-03	AUD-25-0070	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO

Date/Time 04/30/25 15:35

Raw Sample Received by: SP CWC

Raw Sample Relinquished by: SP CWC

Date/Time 04/30/25

Raw Sample Received by: SP CWC

Raw Sample Relinquished by: SP CWC

Preservation Log

BalanceID: VOA-SC-2

Review By: Amit

Supervise By: MMDadoda

Seq	LabID	Vial A Weight(g)= Total Wt-Tare Wt	Vial A Time	Vial B Weight(g)= Total Wt-Tare Wt	Vial B Time	Vial C Weight(g) Preserve with MeOH	Vial C Time	Methanol ID	Preservation Date	Comments
1	Q1914-01	40.50-32.78=7.72	11:00	40.66-32.72=7.94	11:01	35.55-28.06=7.49	11:02	V14143	04/30/2025	8260 TERRACORE SAMPLES
2	Q1914-02	40.38-32.78=7.6	11:03	40.66-32.95=7.71	11:04	35.48-28.02=7.46	11:05	V14143	04/30/2025	8260 TERRACORE SAMPLES
3	Q1914-03	40.77-32.53=8.24	11:06	40.27-32.61=7.66	11:07	35.51-28.37=7.14	11:08	V14143	04/30/2025	8260 TERRACORE SAMPLES
4	Q1914-04	40.48-32.86=7.62	11:09	39.81-32.88=6.93	11:10	34.92-28.49=6.43	11:11	V14143	04/30/2025	8260 TERRACORE SAMPLES
5	Q1914-05	39.68-32.61=7.07	11:12	40.25-32.68=7.57	11:13	35.58-28.10=7.48	11:14	V14143	04/30/2025	8260 TERRACORE SAMPLES
6	Q1914-06	40.59-32.84=7.75	11:15	40.85-32.70=8.15	11:17	35.84-28.49=7.35	11:17	V14143	04/30/2025	8260 TERRACORE SAMPLES
7	Q1914-07	41.17-32.83=8.34	11:18	40.62-32.51=8.11	11:19	35.87-28.28=7.59	11:20	V14143	04/30/2025	8260 TERRACORE SAMPLES
8	Q1914-08	39.77-32.87=6.9	11:21	40.45-32.91=7.54	11:22	35.42-27.88=7.54	11:23	V14143	04/30/2025	8260 TERRACORE SAMPLES
9	Q1914-09	40.60-32.86=7.74	11:24	40.43-33.00=7.43	11:25	36.49-28.49=8	11:26	V14143	04/30/2025	8260 TERRACORE SAMPLES
10	Q1914-10	39.23-32.40=6.83	11:27	39.98-32.74=7.24	11:28	34.94-27.87=7.07	11:29	V14143	04/30/2025	8260 TERRACORE SAMPLES
11	Q1914-11	40.58-32.85=7.73	11:30	40.34-33.04=7.3	11:31	35.39-27.95=7.44	11:32	V14143	04/30/2025	8260 TERRACORE SAMPLES
12	Q1914-12	40.91-32.99=7.92	11:33	40.19-32.45=7.74	11:33	35.15-27.93=7.22	11:34	V14143	04/30/2025	8260 TERRACORE SAMPLES

Instructions : For medium Level analysis, 5ml MeOH added for CLP(SOM/SFAM) method and 10ml for regular 8260.

If the samples are not to be analyzed within 48hrs of sampling, preserve samples immediately, Vials A and B are stored in the VOA-FRZ-2.

Vial C - MeOH preserved vials are kept in VOA-REF #6.



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: CAN Smith
ADDRESS: 110 Fieldcrest Ave #8 6th Fl.
CITY: Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas
PHONE: 732 590 4679 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: UTEN UST
PROJECT NO.: LOCATION: 4th Vernon NJ
PROJECT MANAGER: M. Encinas
e-mail: EncinasMa@cdmsmith.com
PHONE: 732 590 4079 FAX: :

CLIENT BILLING INFORMATION

BILL TO: CAN Smith PO#:
ADDRESS: 110 Fieldcrest Ave #8 6th Fl.
CITY: Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas PHONE: 732 590 4679

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☒ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

1. 2. 3. 4. 5. 6. 7. 8. 9.
NYS ASP A 3-21-08
NYS ASP B 3-21-08
NYS ASP C 3-21-08
NYS ASP D 3-21-08

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER
			COMP	GRAB	DATE	TIME		E _F	E								
1.	SS-1	Soil		✓	4/28/05	1130	5	✓	✓								CASI 9062-2 Analysis for email See a Hardcopy
2.	SS-91	Soil		✓		1135	5	✓	✓								
3.	SS-2	Soil		✓		1140	5	✓	✓								
4.	SS-3	Soil		✓		1213	5	✓	✓								
5.	SS-4	Soil		✓		1220	5	✓	✓								
6.	SS-5	Soil		✓		1236	5	✓	✓								
7.	SS-6	Soil		✓		1253	5	✓	✓								
8.	SS-7	Soil		✓		1300	5	✓	✓								
9.	SS-8 (MS/MS)	Soil		✓		1310	15	✓	✓								
10.	SS-9	Soil		✓		1353											

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ °C
1. <u>KC</u>	<u>4/29/05 1345</u>	<u>[Signature]</u>	Comments: <u>Temp 2.8° Adjustment factor + 1 D IR gun #1</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. <u>[Signature]</u>		<u>[Signature]</u>	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. <u>[Signature]</u>	<u>4-29-25 1650</u>	<u>[Signature]</u>	

Page _____ of _____

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete

☐ YES ☐ NO

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: CDM Smith
ADDRESS: 110 Fieldcrest Ave #8 6th Floor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas
PHONE: 732 590 4679 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: UTEN UST
PROJECT NO.: LOCATION: Mt Vernon NJ
PROJECT MANAGER: M. Encinas
e-mail: Encinas.ma@cdmsmith.com
PHONE: 732 590 4679 FAX:

CLIENT BILLING INFORMATION

BILL TO: CDM Smith PO#:
ADDRESS: 110 Fieldcrest Ave #8 6th Floor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas PHONE: 732 590 4679

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☒ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

MUSCLE CFS
Tale 3-2 VAC
NYS ASP CFS
Tale 3-2 VAC

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		A	E								
1.	FB 0428225	Ag		✓	4/18/05	1930	3	✓	✓								CDM Table 3-2 Analysis Per spec See attach
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>4/29/05 1345</u>	RECEIVED BY: <u>[Signature]</u> 1345	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.8</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY:	Comments: <u>Temp 2.8C CADJUSTment factor + ID IR Gun #1</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>1650</u> <u>4-29-05</u>	RECEIVED BY:	

From: Chenenko, Ricky A. <chenenkora@cdmsmith.com>
Sent: Wednesday, May 14, 2025 1:16 PM
To: Yazmeen Gomez; yazmeen; Jordan Hedvat
Cc: Encinas, Marcie (Puskarik)
Subject: RE: Lab report Q1914

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Thanks very much.

From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Wednesday, May 14, 2025 1:07 PM
To: Chenenko, Ricky A. <chenenkora@cdmsmith.com>; yazmeen <yazmeen@chemtech.net>; Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>
Cc: Encinas, Marcie (Puskarik) <EncinasMA@cdmsmith.com>
Subject: RE: Lab report Q1914

You don't often get email from yazmeen.gomez@alliancetg.com. [Learn why this is important](#)

Ricky,

I have let QA/QC know to create NYS B reports.

They should be uploaded by EOB.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com     

From: Chenenko, Ricky A. <chenenkora@cdmsmith.com>
Sent: Wednesday, May 14, 2025 11:53 AM
To: yazmeen <yazmeen@chemtech.net>; Jordan Hedvat <jordan.hedvat@alliancetg.com>
Cc: Encinas, Marcie (Puskarik) <EncinasMA@cdmsmith.com>
Subject: Lab report Q1914

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Yazmeen,

Can we get the ASP B report for Q1914? I think I checked off ASP A by mistake.

Thanks,

Ricky

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1914 CAMP02

Order Date : 4/29/2025 2:19:16 PM

Project Mgr :

Client Name : CDM Smith

Project Name : Con Ed UTEN Mount Vern

Report Type : NYS ASPB

Client Contact : Marcie Ann Encinas

Receive DateTime : 4/29/2025 4:50:00 PM

EDD Type : EQUIS

Invoice Name : CDM Smith

Purchase Order :

Hard Copy Date :

Invoice Contact : Marcie Ann Encinas

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1914-01	SS-1	Solid	04/28/2025	11:30					
					VOCMS Group3		8260D	10 Bus. Days	
Q1914-02	SS-91	Solid	04/28/2025	11:35					
					VOCMS Group3		8260D	10 Bus. Days	
Q1914-03	SS-2	Solid	04/28/2025	11:40					
					VOCMS Group3		8260D	10 Bus. Days	
Q1914-04	SS-3	Solid	04/28/2025	12:15 12:18					
					VOCMS Group3		8260D	10 Bus. Days	
Q1914-05	SS-4	Solid	04/28/2025	12:20					
					VOCMS Group3		8260D	10 Bus. Days	
Q1914-06	SS-5	Solid	04/28/2025	12:36					
					VOCMS Group3		8260D	10 Bus. Days	
Q1914-07	SS-6	Solid	04/28/2025	12:53					
					VOCMS Group3		8260D	10 Bus. Days	
Q1914-08	SS-7	Solid	04/28/2025	13:00					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1914	CAMP02	Order Date : 4/29/2025 2:19:16 PM	Project Mgr :
Client Name : CDM Smith		Project Name : Con Ed UTEN Mount Vern	Report Type : NYS ASP B
Client Contact : Marcie Ann Encinas		Receive DateTime : 4/29/2025 4:50:00 PM	EDD Type : EQUIS
Invoice Name : CDM Smith		Purchase Order :	Hard Copy Date :
Invoice Contact : Marcie Ann Encinas			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group3		8260D		10 Bus. Days
Q1914-09	SS-8	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-10	Q1914-09MS	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-11	Q1914-09MSD	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-12	SS-9	Solid	04/28/2025	13:53					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-14	FB04282025	Water	04/28/2025	00:00 14:30					
					VOCMS Group3		8260-Low		10 Bus. Days

Relinquished By : 

Date / Time : 4/30/25 18:35

Received By : 

Date / Time : 04/30/25 10:35 *Ref # 6*

Storage Area : VOA Refridgerator Room

Ref # 2
Ref # 4