

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-10	Q2075-01	8260D	8270E				Chemtech -SOP
SS-910	Q2075-02	8260D	8270E				Chemtech -SOP
SS-11	Q2075-03	8260D	8270E				Chemtech -SOP
SS-MW1-11.5	Q2075-06	8260D	8270E				Chemtech -SOP
FB-05152025	Q2075-07	8260D, 8260-Low	8270E				Chemtech -SOP
FB-05162025	Q2075-08	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
Q2075-01	SOIL	05/15/25	05/16/25	05/20/25	05/22/25
Q2075-02	SOIL	05/15/25	05/16/25	05/20/25	05/22/25
Q2075-03	SOIL	05/15/25	05/16/25	05/20/25	05/21/25
Q2075-06	SOIL	05/16/25	05/16/25	05/20/25	05/21/25
Q2075-07	Water	05/15/25	05/16/25	05/21/25	05/22/25
Q2075-08	Water	05/16/25	05/16/25	05/21/25	05/21/25

* 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
Q2075-01	SOIL	05/15/25	05/16/25		05/20/25
Q2075-02	SOIL	05/15/25	05/16/25		05/20/25
Q2075-03	SOIL	05/15/25	05/16/25		05/20/25
Q2075-06	SOIL	05/16/25	05/16/25		05/22/25
Q2075-07	Water	05/15/25	05/16/25		05/21/25
Q2075-08	Water	05/16/25	05/16/25		05/21/25

* 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
Q2075-01	Solid	8260D	5035		
Q2075-02	Solid	8260D	5035		
Q2075-03	Solid	8260D	5035		
Q2075-04	Solid	8260D	5035		
Q2075-05	Solid	8260D	5035		
Q2075-06	Solid	8260D	5035		
Q2075-07	Water	8260-Low	5030		
Q2075-08	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
Q2075-01	Solid	8270E	NA		
Q2075-02	Solid	8270E	NA		
Q2075-03	Solid	8270E	NA		
Q2075-04	Solid	8270E	NA		
Q2075-05	Solid	8270E	NA		
Q2075-06	Solid	8270E	NA		
Q2075-07	Water	8270E	NA		
Q2075-08	Water	8270E	NA		

Cover Page

Order ID : Q2075

Project ID : Con Ed UTEN Mount Vernon, NY

Client : CDM Smith

Lab Sample Number

Q2075-01
Q2075-02
Q2075-03
Q2075-04
Q2075-05
Q2075-06
Q2075-07
Q2075-08

Client Sample Number

SS-10
SS-910
SS-11
SS-11MS
SS-11MSD
SS-MW1-11.5
FB-05152025
FB-05162025

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: 5/27/2025

CASE NARRATIVE

CDM Smith

Project Name: Con Ed UTEN Mount Vernon, NY

Project # N/A

Order ID # Q2075

Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:

6 Solid samples were received on 05/16/2025.

2 Water samples were received on 05/16/2025.

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_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 8260-Low, 8260D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS {Q2075-04MS} with File ID: VY022350.D recoveries met the requirements for all compounds except for m/p-Xylenes[148%], o-Xylene[162%] and 1,2,4-Trimethylbenzene[235%] due to matrix interference.

The MSD {Q2075-05MSD} with File ID: VY022351.D recoveries met the acceptable requirements except for Ethyl Benzene[136%], Toluene[138%] m/p-Xylenes[161%] and o-Xylene [180%] due to matrix interference.

The RPD for {Q2075-05MSD} with File ID: VY022351.D met criteria except for 1,2,4-Trimethylbenzene[36%], Benzene[30%], p-Isopropyltoluene[21%], tert-Butylbenzene[26%] and Toluene[29%] 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.



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Phone: 908 789 8900 Fax: 908 789 8922

The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

Sample SS-MW1-11.5 was diluted due to high concentration.

E. Additional Comments:

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.
The Sample #SS-MW1-11.5ME have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.
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.

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

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2075

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 met the requirements.			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The MS {Q2075-04MS} with File ID: VY022350.D recoveries met the requirements for all compounds except for m/p-Xylenes[148%], o-Xylene[162%] and 1,2,4- Trimethylbenzene[235%] due to matrix interference. The MSD {Q2075-05MSD} with File ID: VY022351.D recoveries met the acceptable requirements except for Ethyl Benzene[136%], Toluene[138%] m/p-Xylenes[161%] and o-Xylene [180%] due to matrix interference. The RPD for {Q2075-05MSD} with File ID: VY022351.D met criteria except for 1,2,4-Trimethylbenzene[36%], Benzene[30%], p-Isopropyltoluene[21%], tert- Butylbenzene[26%] and Toluene[29%] due to difference in results of MS and MSD.		✓	
9.	Internal Standard Area/Retention Time Shift Meet Criteria Comments:			✓

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

10. Analysis Holding Time Met

✓

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

ADDITIONAL COMMENTS:

Sample SS-MW1-11.5 was diluted due to high concentration.

Trip Blank was not provided with this set of samples.

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

The Sample #SS-MW1-11.5ME have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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 #: Q2075

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 Custody

✓

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: 05/27/2025

LAB CHRONICLE

OrderID:	Q2075	OrderDate:	5/16/2025 4:10:00 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
Q2075-01	SS-10	SOIL	VOCMS Group3	8260D	05/15/25		05/20/25	05/16/25
Q2075-02	SS-910	SOIL	VOCMS Group3	8260D	05/15/25		05/20/25	05/16/25
Q2075-03	SS-11	SOIL	VOCMS Group3	8260D	05/15/25		05/20/25	05/16/25
Q2075-06	SS-MW1-11.5	SOIL	VOCMS Group3	8260D	05/16/25		05/22/25	05/16/25
Q2075-06ME	SS-MW1-11.5ME	SOIL	VOCMS Group3	8260D	05/16/25		05/23/25	05/16/25
Q2075-07	FB-05152025	Water	VOCMS Group3	8260-Low	05/15/25		05/21/25	05/16/25
Q2075-08	FB-05162025	Water	VOCMS Group3	8260-Low	05/16/25		05/21/25	05/16/25

Hit Summary Sheet
SW-846

SDG No.: Q2075
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	SS-10							
Q2075-01	SS-10	SOIL	Ethyl Benzene	21.1		0.54	4.00	ug/Kg
Q2075-01	SS-10	SOIL	Total Xylenes	93.8		1.66	12.1	ug/Kg
Q2075-01	SS-10	SOIL	Isopropylbenzene	5.70		0.63	4.00	ug/Kg
Q2075-01	SS-10	SOIL	n-propylbenzene	13.1		0.59	4.00	ug/Kg
Q2075-01	SS-10	SOIL	1,3,5-Trimethylbenzene	23.4		0.66	4.00	ug/Kg
Q2075-01	SS-10	SOIL	1,2,4-Trimethylbenzene	90.2		0.52	4.00	ug/Kg
Q2075-01	SS-10	SOIL	sec-Butylbenzene	3.50	J	0.53	4.00	ug/Kg
Q2075-01	SS-10	SOIL	p-Isopropyltoluene	2.10	J	0.50	4.00	ug/Kg
Q2075-01	SS-10	SOIL	n-Butylbenzene	3.70	J	1.20	4.00	ug/Kg
			Total Voc :		257			
			Total Concentration:		257			
Client ID:	SS-910							
Q2075-02	SS-910	SOIL	Ethyl Benzene	5.40		0.51	3.80	ug/Kg
Q2075-02	SS-910	SOIL	Total Xylenes	26.5		1.58	11.5	ug/Kg
Q2075-02	SS-910	SOIL	Isopropylbenzene	2.10	J	0.60	3.80	ug/Kg
Q2075-02	SS-910	SOIL	n-propylbenzene	5.00		0.56	3.80	ug/Kg
Q2075-02	SS-910	SOIL	1,3,5-Trimethylbenzene	9.10		0.63	3.80	ug/Kg
Q2075-02	SS-910	SOIL	1,2,4-Trimethylbenzene	32.9		0.49	3.80	ug/Kg
Q2075-02	SS-910	SOIL	sec-Butylbenzene	1.50	J	0.51	3.80	ug/Kg
Q2075-02	SS-910	SOIL	p-Isopropyltoluene	0.99	J	0.48	3.80	ug/Kg
Q2075-02	SS-910	SOIL	n-Butylbenzene	1.70	J	1.10	3.80	ug/Kg
			Total Voc :		85.2			
			Total Concentration:		85.2			
Client ID:	SS-11							
Q2075-03	SS-11	SOIL	Toluene	5.20		0.78	5.00	ug/Kg
Q2075-03	SS-11	SOIL	Ethyl Benzene	7.80		0.67	5.00	ug/Kg
Q2075-03	SS-11	SOIL	Total Xylenes	46.3		2.02	14.9	ug/Kg
Q2075-03	SS-11	SOIL	Isopropylbenzene	2.10	J	0.78	5.00	ug/Kg
Q2075-03	SS-11	SOIL	n-propylbenzene	5.40		0.73	5.00	ug/Kg
Q2075-03	SS-11	SOIL	1,3,5-Trimethylbenzene	9.80		0.82	5.00	ug/Kg
Q2075-03	SS-11	SOIL	1,2,4-Trimethylbenzene	40.2		0.64	5.00	ug/Kg
Q2075-03	SS-11	SOIL	sec-Butylbenzene	1.40	J	0.66	5.00	ug/Kg
Q2075-03	SS-11	SOIL	n-Butylbenzene	1.40	J	1.40	5.00	ug/Kg
			Total Voc :		120			
			Total Concentration:		120			
Client ID:	SS-MW1-11.5							
Q2075-06	SS-MW1-11.5	SOIL	Benzene	9.40		0.62	3.90	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2075

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2075-06	SS-MW1-11.5	SOIL	Toluene	44.7		0.61	3.90	ug/Kg
Q2075-06	SS-MW1-11.5	SOIL	Ethyl Benzene	18.9		0.52	3.90	ug/Kg
Q2075-06	SS-MW1-11.5	SOIL	Total Xylenes	1510	E	1.61	11.7	ug/Kg
Q2075-06	SS-MW1-11.5	SOIL	Isopropylbenzene	40.5		0.61	3.90	ug/Kg
Q2075-06	SS-MW1-11.5	SOIL	n-propylbenzene	56.3		0.57	3.90	ug/Kg
Q2075-06	SS-MW1-11.5	SOIL	1,3,5-Trimethylbenzene	770	E	0.64	3.90	ug/Kg
Q2075-06	SS-MW1-11.5	SOIL	1,2,4-Trimethylbenzene	740	E	0.50	3.90	ug/Kg
Q2075-06	SS-MW1-11.5	SOIL	sec-Butylbenzene	66.3		0.52	3.90	ug/Kg
Q2075-06	SS-MW1-11.5	SOIL	p-Isopropyltoluene	52.3		0.48	3.90	ug/Kg
Q2075-06	SS-MW1-11.5	SOIL	n-Butylbenzene	71.9		1.10	3.90	ug/Kg
Total Voc :				3380				
Total Concentration:				3380				
Client ID:	SS-MW1-11.5ME							
Q2075-06ME	SS-MW1-11.5ME	SOIL	Toluene	83.3	JD	25.6	160	ug/Kg
Q2075-06ME	SS-MW1-11.5ME	SOIL	Ethyl Benzene	110	JD	22.0	160	ug/Kg
Q2075-06ME	SS-MW1-11.5ME	SOIL	Total Xylenes	630	D	67.6	490	ug/Kg
Q2075-06ME	SS-MW1-11.5ME	SOIL	Isopropylbenzene	42.8	JD	25.6	160	ug/Kg
Q2075-06ME	SS-MW1-11.5ME	SOIL	n-propylbenzene	130	JD	24.0	160	ug/Kg
Q2075-06ME	SS-MW1-11.5ME	SOIL	1,3,5-Trimethylbenzene	220	D	26.9	160	ug/Kg
Q2075-06ME	SS-MW1-11.5ME	SOIL	1,2,4-Trimethylbenzene	810	D	21.0	160	ug/Kg
Q2075-06ME	SS-MW1-11.5ME	SOIL	sec-Butylbenzene	63.9	JD	21.7	160	ug/Kg
Q2075-06ME	SS-MW1-11.5ME	SOIL	p-Isopropyltoluene	43.7	JD	20.4	160	ug/Kg
Q2075-06ME	SS-MW1-11.5ME	SOIL	n-Butylbenzene	180	D	47.6	160	ug/Kg
Total Voc :				2310				
Total Concentration:				2310				



QC SUMMARY

Surrogate Summary

SDG No.: **Q2075**

Client: **CDM Smith**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q2075-01	SS-10	1,2-Dichloroethane-d4	50	53.3	107	63	155
		Dibromofluoromethane	50	51.9	104	70	134
		Toluene-d8	50	50.7	101	74	123
		4-Bromofluorobenzene	50	42.9	86	38	136
Q2075-02	SS-910	1,2-Dichloroethane-d4	50	48.7	97	63	155
		Dibromofluoromethane	50	49.5	99	70	134
		Toluene-d8	50	48.7	97	74	123
		4-Bromofluorobenzene	50	39.8	80	38	136
Q2075-03	SS-11	1,2-Dichloroethane-d4	50	46.7	93	63	155
		Dibromofluoromethane	50	48.8	98	70	134
		Toluene-d8	50	48.7	97	74	123
		4-Bromofluorobenzene	50	39.5	79	38	136
Q2075-04MS	SS-11MS	1,2-Dichloroethane-d4	50	49.2	98	63	155
		Dibromofluoromethane	50	42.1	84	70	134
		Toluene-d8	50	39.0	78	74	123
		4-Bromofluorobenzene	50	36.5	73	38	136
Q2075-05MSD	SS-11MSD	1,2-Dichloroethane-d4	50	62.7	125	63	155
		Dibromofluoromethane	50	51.3	103	70	134
		Toluene-d8	50	45.1	90	74	123
		4-Bromofluorobenzene	50	45.4	91	38	136
Q2075-06	SS-MW1-11.5	1,2-Dichloroethane-d4	50	44.5	89	63	155
		Dibromofluoromethane	50	50.4	101	70	134
		Toluene-d8	50	55.4	111	74	123
		4-Bromofluorobenzene	50	49.9	100	38	136
Q2075-06ME	SS-MW1-11.5ME	1,2-Dichloroethane-d4	50	51.0	102	63	155
		Dibromofluoromethane	50	48.4	97	70	134
		Toluene-d8	50	50.7	101	74	123
		4-Bromofluorobenzene	50	51.5	103	38	136
VX0523MBL01	VX0523MBL01	1,2-Dichloroethane-d4	50	53.1	106	63	155
		Dibromofluoromethane	50	50.8	102	70	134
		Toluene-d8	50	50.0	100	74	123
		4-Bromofluorobenzene	50	51.6	103	38	136
VX0523MBS01	VX0523MBS01	1,2-Dichloroethane-d4	50	52.0	104	63	155
		Dibromofluoromethane	50	52.4	105	70	134
		Toluene-d8	50	50.3	101	74	123
		4-Bromofluorobenzene	50	51.8	104	38	136
VY0520SBL01	VY0520SBL01	1,2-Dichloroethane-d4	50	45.7	91	63	155
		Dibromofluoromethane	50	48.4	97	70	134
		Toluene-d8	50	48.6	97	74	123
		4-Bromofluorobenzene	50	52.5	105	38	136
VY0520SBS01	VY0520SBS01	1,2-Dichloroethane-d4	50	52.8	106	63	155
		Dibromofluoromethane	50	52.0	104	70	134
		Toluene-d8	50	51.5	103	74	123
		4-Bromofluorobenzene	50	47.7	95	38	136
VY0520SBSD01	VY0520SBSD01	1,2-Dichloroethane-d4	50	50.5	101	63	155
		Dibromofluoromethane	50	51.2	102	70	134
		Toluene-d8	50	49.8	100	74	123
		4-Bromofluorobenzene	50	47.2	94	38	136
VY0522SBL01	VY0522SBL01	1,2-Dichloroethane-d4	50	48.9	98	63	155
		Dibromofluoromethane	50	49.8	100	70	134

Surrogate Summary

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
VY0522SBL01	VY0522SBL01	Toluene-d8	50	48.7	97	74	123
		4-Bromofluorobenzene	50	39.5	79	38	136
VY0522SBS01	VY0522SBS01	1,2-Dichloroethane-d4	50	48.4	97	63	155
		Dibromofluoromethane	50	50.3	101	70	134
		Toluene-d8	50	50.3	101	74	123
		4-Bromofluorobenzene	50	47.7	95	38	136
VY0522SBSD01	VY0522SBSD01	1,2-Dichloroethane-d4	50	50.4	101	63	155
		Dibromofluoromethane	50	51.0	102	70	134
		Toluene-d8	50	49.9	100	74	123
		4-Bromofluorobenzene	50	47.1	94	38	136

Surrogate Summary

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q2075-07	FB-05152025	1,2-Dichloroethane-d4	50	53.2	106	74	125
		Dibromofluoromethane	50	49.3	99	75	124
		Toluene-d8	50	50.7	101	86	113
		4-Bromofluorobenzene	50	52.0	104	77	121
Q2075-08	FB-05162025	1,2-Dichloroethane-d4	50	52.2	104	74	125
		Dibromofluoromethane	50	50.1	100	75	124
		Toluene-d8	50	50.2	100	86	113
		4-Bromofluorobenzene	50	51.7	103	77	121
VX0521WBL01	VX0521WBL01	1,2-Dichloroethane-d4	50	53.5	107	74	125
		Dibromofluoromethane	50	50.9	102	75	124
		Toluene-d8	50	50.8	102	86	113
		4-Bromofluorobenzene	50	50.7	101	77	121
VX0521WBS01	VX0521WBS01	1,2-Dichloroethane-d4	50	53.6	107	74	125
		Dibromofluoromethane	50	54.3	109	75	124
		Toluene-d8	50	52.4	105	86	113
		4-Bromofluorobenzene	50	55.0	110	77	121
VX0521WBSD0	VX0521WBSD01	1,2-Dichloroethane-d4	50	54.2	108	74	125
		Dibromofluoromethane	50	55.1	110	75	124
		Toluene-d8	50	54.1	108	86	113
		4-Bromofluorobenzene	50	55.8	112	77	121

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8260D

										Limits		
Parameter	Spike	Sample	Result	Units	Rec			RPD		Low	High	RPD
		Result			Rec	Qual	RPD	Qual				
Lab Sample ID :	Q2075-04MS	Client Sample ID :	SS-11MS					Datafile :	VY022350.D			
Benzene	34	0	31.6	ug/Kg	93					59	140	
Toluene	34	5.20	40.1	ug/Kg	103					61	134	
Ethyl Benzene	34	7.80	46.5	ug/Kg	114					54	134	
m/p-Xylenes	67.9	29.5	130	ug/Kg	148	*				51	137	
o-Xylene	34	16.8	71.9	ug/Kg	162	*				57	139	
Isopropylbenzene	34	2.10	34.0	ug/Kg	94					44	160	
N-propylbenzene	34	5.40	39.5	ug/Kg	100					10	173	
1,3,5-Trimethylbenzene	34	9.80	47.6	ug/Kg	111					10	175	
tert-Butylbenzene	34	0	28.7	ug/Kg	84					10	173	
1,2,4-Trimethylbenzene	34	40.2	120	ug/Kg	235	*				10	175	
Sec-butylbenzene	34	1.40	30.9	ug/Kg	87					10	172	
p-Isopropyltoluene	34	0	29.0	ug/Kg	85					26	153	
n-Butylbenzene	34	1.40	30.5	ug/Kg	86					10	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8260D

Limits												
Parameter	Spike	Sample Result	Result	Units	Rec			RPD		Low	High	RPD
					Rec	Qual	RPD	Qual				
Lab Sample ID :	Q2075-05MSD	Client Sample ID :	SS-11MSD						Datafile :	VY022351.D		
Benzene	34.3	0	43.1	ug/Kg	126		30	*	59	140	20	
Toluene	34.3	5.20	52.7	ug/Kg	138	*	29	*	61	134	20	
Ethyl Benzene	34.3	7.80	54.6	ug/Kg	136	*	18		54	134	20	
m/p-Xylenes	68.7	29.5	140	ug/Kg	161	*	8		51	137	20	
o-Xylene	34.3	16.8	78.5	ug/Kg	180	*	11		57	139	20	
Isopropylbenzene	34.3	2.10	40.5	ug/Kg	112		17		44	160	20	
N-propylbenzene	34.3	5.40	43.6	ug/Kg	111		10		10	173	20	
1,3,5-Trimethylbenzene	34.3	9.80	49.0	ug/Kg	114		3		10	175	20	
tert-Butylbenzene	34.3	0	37.7	ug/Kg	110		26	*	10	173	20	
1,2,4-Trimethylbenzene	34.3	40.2	96.4	ug/Kg	164		36	*	10	175	20	
Sec-butylbenzene	34.3	1.40	37.6	ug/Kg	106		20		10	172	20	
p-Isopropyltoluene	34.3	0	36.2	ug/Kg	106		21	*	26	153	20	
n-Butylbenzene	34.3	1.40	36.4	ug/Kg	102		17		10	175	20	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8260-Low

Datafile : VX046287.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0521WBS01	Benzene	20	20.3	ug/L	102			82	109	
	Toluene	20	20.5	ug/L	103			82	110	
	Ethyl Benzene	20	20.1	ug/L	101			83	109	
	m/p-Xylenes	40	40.3	ug/L	101			82	110	
	o-Xylene	20	20.9	ug/L	104			83	109	
	Isopropylbenzene	20	20.4	ug/L	102			83	112	
	N-propylbenzene	20	20.4	ug/L	102			83	112	
	1,3,5-Trimethylbenzene	20	21.1	ug/L	106			85	112	
	tert-Butylbenzene	20	20.2	ug/L	101			83	112	
	1,2,4-Trimethylbenzene	20	20.7	ug/L	104			85	111	
	Sec-butylbenzene	20	20.3	ug/L	102			81	114	
	p-Isopropyltoluene	20	20.5	ug/L	103			78	116	
	n-Butylbenzene	20	19.7	ug/L	99			75	115	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8260-Low

Datafile : VX046288.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0521WBSD01	Benzene	20	20.4	ug/L	102	0		82	109	20
	Toluene	20	21.1	ug/L	106	3		82	110	20
	Ethyl Benzene	20	20.4	ug/L	102	1		83	109	20
	m/p-Xylenes	40	41.1	ug/L	103	2		82	110	20
	o-Xylene	20	21.0	ug/L	105	1		83	109	20
	Isopropylbenzene	20	20.8	ug/L	104	2		83	112	20
	N-propylbenzene	20	20.7	ug/L	104	2		83	112	20
	1,3,5-Trimethylbenzene	20	21.0	ug/L	105	1		85	112	20
	tert-Butylbenzene	20	20.5	ug/L	103	2		83	112	20
	1,2,4-Trimethylbenzene	20	20.9	ug/L	104	0		85	111	20
	Sec-butylbenzene	20	21.1	ug/L	106	4		81	114	20
	p-Isopropyltoluene	20	20.7	ug/L	104	1		78	116	20
	n-Butylbenzene	20	20.2	ug/L	101	2		75	115	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VX046335.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0523MBS01	Benzene	2000	2000	ug/Kg	100			84	121	
	Toluene	2000	2000	ug/Kg	100			83	122	
	Ethyl Benzene	2000	2000	ug/Kg	100			82	124	
	m/p-Xylenes	4000	4000	ug/Kg	100			83	124	
	o-Xylene	2000	2100	ug/Kg	105			83	123	
	Isopropylbenzene	2000	2000	ug/Kg	100			82	124	
	N-propylbenzene	2000	1900	ug/Kg	95			81	123	
	1,3,5-Trimethylbenzene	2000	2100	ug/Kg	105			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.: Q2075
Client: CDM Smith
Analytical Method: SW8260D **Datafile :** VY022331.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0520SBS01	Benzene	20	20.8	ug/Kg	104			84	121	
	Toluene	20	20.0	ug/Kg	100			83	122	
	Ethyl Benzene	20	19.8	ug/Kg	99			82	124	
	m/p-Xylenes	40	39.6	ug/Kg	99			83	124	
	o-Xylene	20	20.2	ug/Kg	101			83	123	
	Isopropylbenzene	20	20.1	ug/Kg	101			82	124	
	N-propylbenzene	20	20.3	ug/Kg	102			81	123	
	1,3,5-Trimethylbenzene	20	19.5	ug/Kg	98			82	124	
	tert-Butylbenzene	20	19.8	ug/Kg	99			81	125	
	1,2,4-Trimethylbenzene	20	19.3	ug/Kg	97			81	125	
	Sec-butylbenzene	20	20.0	ug/Kg	100			80	124	
	p-Isopropyltoluene	20	19.3	ug/Kg	97			81	125	
	n-Butylbenzene	20	19.7	ug/Kg	99			78	126	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VY022332.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0520SBSD01	Benzene	20	20.3	ug/Kg	102	2		84	121	20
	Toluene	20	19.4	ug/Kg	97	3		83	122	20
	Ethyl Benzene	20	19.7	ug/Kg	99	0		82	124	20
	m/p-Xylenes	40	39.7	ug/Kg	99	0		83	124	20
	o-Xylene	20	19.7	ug/Kg	99	2		83	123	20
	Isopropylbenzene	20	20.2	ug/Kg	101	0		82	124	20
	N-propylbenzene	20	20.1	ug/Kg	101	1		81	123	20
	1,3,5-Trimethylbenzene	20	19.6	ug/Kg	98	0		82	124	20
	tert-Butylbenzene	20	19.8	ug/Kg	99	0		81	125	20
	1,2,4-Trimethylbenzene	20	19.4	ug/Kg	97	0		81	125	20
	Sec-butylbenzene	20	19.7	ug/Kg	99	1		80	124	20
	p-Isopropyltoluene	20	19.5	ug/Kg	98	1		81	125	20
	n-Butylbenzene	20	19.8	ug/Kg	99	0		78	126	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VY022382.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0522SBS01	Benzene	20	19.5	ug/Kg	98			84	121	
	Toluene	20	19.4	ug/Kg	97			83	122	
	Ethyl Benzene	20	18.7	ug/Kg	94			82	124	
	m/p-Xylenes	40	38.0	ug/Kg	95			83	124	
	o-Xylene	20	18.8	ug/Kg	94			83	123	
	Isopropylbenzene	20	19.3	ug/Kg	97			82	124	
	N-propylbenzene	20	19.4	ug/Kg	97			81	123	
	1,3,5-Trimethylbenzene	20	18.9	ug/Kg	95			82	124	
	tert-Butylbenzene	20	19.2	ug/Kg	96			81	125	
	1,2,4-Trimethylbenzene	20	18.8	ug/Kg	94			81	125	
	Sec-butylbenzene	20	19.4	ug/Kg	97			80	124	
	p-Isopropyltoluene	20	19.0	ug/Kg	95			81	125	
	n-Butylbenzene	20	19.3	ug/Kg	97			78	126	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VY022383.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0522SBSD01	Benzene	20	20.1	ug/Kg	101	3		84	121	20
	Toluene	20	19.4	ug/Kg	97	0		83	122	20
	Ethyl Benzene	20	19.6	ug/Kg	98	4		82	124	20
	m/p-Xylenes	40	39.7	ug/Kg	99	4		83	124	20
	o-Xylene	20	19.8	ug/Kg	99	5		83	123	20
	Isopropylbenzene	20	19.7	ug/Kg	99	2		82	124	20
	N-propylbenzene	20	19.8	ug/Kg	99	2		81	123	20
	1,3,5-Trimethylbenzene	20	19.6	ug/Kg	98	3		82	124	20
	tert-Butylbenzene	20	20.2	ug/Kg	101	5		81	125	20
	1,2,4-Trimethylbenzene	20	19.6	ug/Kg	98	4		81	125	20
	Sec-butylbenzene	20	20.0	ug/Kg	100	3		80	124	20
	p-Isopropyltoluene	20	19.4	ug/Kg	97	2		81	125	20
	n-Butylbenzene	20	19.6	ug/Kg	98	1		78	126	20

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0521WBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2075

SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: VX046286.D

Lab Sample ID: VX0521WBL01

Date Analyzed: 05/21/2025

Time Analyzed: 10:46

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

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0521WBS01	VX0521WBS01	VX046287.D	05/21/2025
VX0521WBSD01	VX0521WBSD01	VX046288.D	05/21/2025
FB-05152025	Q2075-07	VX046292.D	05/21/2025
FB-05162025	Q2075-08	VX046293.D	05/21/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0523MBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2075

SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: VX046332.D

Lab Sample ID: VX0523MBL01

Date Analyzed: 05/23/2025

Time Analyzed: 09:53

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
VX0523MBS01	VX0523MBS01	VX046335.D	05/23/2025
SS-MW1-11.5ME	Q2075-06ME	VX046336.D	05/23/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0520SBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2075

SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: VY022330.D

Lab Sample ID: VY0520SBL01

Date Analyzed: 05/20/2025

Time Analyzed: 09:48

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
VY0520SBS01	VY0520SBS01	VY022331.D	05/20/2025
VY0520SBSD01	VY0520SBSD01	VY022332.D	05/20/2025
SS-10	Q2075-01	VY022343.D	05/20/2025
SS-910	Q2075-02	VY022344.D	05/20/2025
SS-11	Q2075-03	VY022345.D	05/20/2025
SS-11MS	Q2075-04MS	VY022350.D	05/20/2025
SS-11MSD	Q2075-05MSD	VY022351.D	05/20/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0522SBL01

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2075

SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: VY022381.D

Lab Sample ID: VY0522SBL01

Date Analyzed: 05/22/2025

Time Analyzed: 09:07

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
VY0522SBS01	VY0522SBS01	VY022382.D	05/22/2025
VY0522SBSD01	VY0522SBSD01	VY022383.D	05/22/2025
SS-MW1-11.5	Q2075-06	VY022403.D	05/22/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
Lab File ID: VX046038.D BFB Injection Date: 05/05/2025
Instrument ID: MSVOA_X BFB Injection Time: 09:37
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	22.1
75	30.0 - 60.0% of mass 95	56.2
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	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	68.8
175	5.0 - 9.0% of mass 174	5 (7.3) 1
176	95.0 - 101.0% of mass 174	66.7 (97) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC020	VSTDIC020	VX046041.D	05/05/2025	11:35
VSTDIC050	VSTDIC050	VX046042.D	05/05/2025	11:58
VSTDIC100	VSTDIC100	VX046043.D	05/05/2025	12:21
VSTDIC150	VSTDIC150	VX046044.D	05/05/2025	12:45
VSTDIC005	VSTDIC005	VX046046.D	05/05/2025	16:04
VSTDIC001	VSTDIC001	VX046047.D	05/05/2025	16:27

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
Lab File ID: VX046283.D BFB Injection Date: 05/21/2025
Instrument ID: MSVOA_X BFB Injection Time: 09:13
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.4
75	30.0 - 60.0% of mass 95	56.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.6 (0.9) 1
174	50.0 - 100.0% of mass 95	70.1
175	5.0 - 9.0% of mass 174	5.4 (7.7) 1
176	95.0 - 101.0% of mass 174	67.1 (95.7) 1
177	5.0 - 9.0% of mass 176	4.3 (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	VX046284.D	05/21/2025	09:55
VX0521WBL01	VX0521WBL01	VX046286.D	05/21/2025	10:46
VX0521WBS01	VX0521WBS01	VX046287.D	05/21/2025	11:09
VX0521WBSD01	VX0521WBSD01	VX046288.D	05/21/2025	11:36
FB-05152025	Q2075-07	VX046292.D	05/21/2025	13:09
FB-05162025	Q2075-08	VX046293.D	05/21/2025	13:32

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
Lab File ID: VX046330.D BFB Injection Date: 05/23/2025
Instrument ID: MSVOA_X BFB Injection Time: 08:25
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
75	30.0 - 60.0% of mass 95	56.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	4.6 (6.9) 1
176	95.0 - 101.0% of mass 174	64 (95.9) 1
177	5.0 - 9.0% of mass 176	4.1 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046331.D	05/23/2025	09:24
VX0523MBL01	VX0523MBL01	VX046332.D	05/23/2025	09:53
VX0523MBS01	VX0523MBS01	VX046335.D	05/23/2025	11:23
SS-MW1-11.5ME	Q2075-06ME	VX046336.D	05/23/2025	11:46

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
Lab File ID: VY022252.D BFB Injection Date: 05/15/2025
Instrument ID: MSVOA_Y BFB Injection Time: 07:52
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	24
75	30.0 - 60.0% of mass 95	55.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	80.5
175	5.0 - 9.0% of mass 174	5.9 (7.3) 1
176	95.0 - 101.0% of mass 174	77.5 (96.3) 1
177	5.0 - 9.0% of mass 176	5.3 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VY022253.D	05/15/2025	09:46
VSTDIC010	VSTDIC010	VY022254.D	05/15/2025	10:16
VSTDIC020	VSTDIC020	VY022255.D	05/15/2025	10:39
VSTDIC050	VSTDIC050	VY022256.D	05/15/2025	11:02
VSTDIC100	VSTDIC100	VY022257.D	05/15/2025	11:24
VSTDIC150	VSTDIC150	VY022258.D	05/15/2025	11:47

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
Lab File ID: VY022328.D BFB Injection Date: 05/20/2025
Instrument ID: MSVOA_Y BFB Injection Time: 08:09
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	24.5
75	30.0 - 60.0% of mass 95	58.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1 (1.2) 1
174	50.0 - 100.0% of mass 95	82.9
175	5.0 - 9.0% of mass 174	6.4 (7.7) 1
176	95.0 - 101.0% of mass 174	80.3 (96.8) 1
177	5.0 - 9.0% of mass 176	5.4 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022329.D	05/20/2025	08:40
VY0520SBL01	VY0520SBL01	VY022330.D	05/20/2025	09:48
VY0520SBS01	VY0520SBS01	VY022331.D	05/20/2025	10:21
VY0520SBSD01	VY0520SBSD01	VY022332.D	05/20/2025	10:43
SS-10	Q2075-01	VY022343.D	05/20/2025	15:22
SS-910	Q2075-02	VY022344.D	05/20/2025	15:45
SS-11	Q2075-03	VY022345.D	05/20/2025	16:09
SS-11MS	Q2075-04MS	VY022350.D	05/20/2025	18:04
SS-11MSD	Q2075-05MSD	VY022351.D	05/20/2025	18:26

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02
Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
Lab File ID: VY022379.D BFB Injection Date: 05/22/2025
Instrument ID: MSVOA_Y BFB Injection Time: 08:05
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	24.1
75	30.0 - 60.0% of mass 95	57.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.1 (1.3) 1
174	50.0 - 100.0% of mass 95	86.1
175	5.0 - 9.0% of mass 174	6.4 (7.5) 1
176	95.0 - 101.0% of mass 174	83.8 (97.4) 1
177	5.0 - 9.0% of mass 176	5.5 (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	VY022380.D	05/22/2025	08:35
VY0522SBL01	VY0522SBL01	VY022381.D	05/22/2025	09:07
VY0522SBS01	VY0522SBS01	VY022382.D	05/22/2025	09:36
VY0522SBSD01	VY0522SBSD01	VY022383.D	05/22/2025	09:59
SS-MW1-11.5	Q2075-06	VY022403.D	05/22/2025	18:03

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
 Lab File ID: VX046284.D Date Analyzed: 05/21/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:55
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	95080	5.54	161730	6.75	140445	10.05
UPPER LIMIT	190160	6.037	323460	7.251	280890	10.549
LOWER LIMIT	47540	5.037	80865	6.251	70222.5	9.549
EPA SAMPLE NO.						
FB-05152025	63566	5.55	126684	6.76	120601	10.05
FB-05162025	67975	5.55	135035	6.76	128288	10.05
VX0521WBL01	66690	5.54	132814	6.76	124685	10.05
VX0521WBS01	83102	5.54	146697	6.76	130479	10.05
VX0521WBSD01	82656	5.54	142441	6.76	127622	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.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
 Lab File ID: VX046284.D Date Analyzed: 05/21/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:55
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	67683	12.018				
UPPER LIMIT	135366	12.518				
LOWER LIMIT	33841.5	11.518				
EPA SAMPLE NO.						
FB-05152025	52644	12.02				
FB-05162025	55957	12.02				
VX0521WBL01	53099	12.02				
VX0521WBS01	62651	12.02				
VX0521WBSD01	60955	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.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
 Lab File ID: VX046331.D Date Analyzed: 05/23/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:24
 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	89943	5.54	154938	6.76	137123	10.05
UPPER LIMIT	179886	6.044	309876	7.257	274246	10.549
LOWER LIMIT	44971.5	5.044	77469	6.257	68561.5	9.549
EPA SAMPLE NO.						
SS-MW1-11.5ME	61392	5.54	119098	6.76	110366	10.05
VX0523MBL01	59074	5.54	117281	6.76	111918	10.05
VX0523MBS01	83340	5.54	146324	6.76	129426	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.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
 Lab File ID: VX046331.D Date Analyzed: 05/23/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:24
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	66629	12.018				
UPPER LIMIT	133258	12.518				
LOWER LIMIT	33314.5	11.518				
EPA SAMPLE NO.						
SS-MW1-11.5ME	48680	12.02				
VX0523MBL01	48375	12.02				
VX0523MBS01	63342	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.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
 Lab File ID: VY022329.D Date Analyzed: 05/20/2025
 Instrument ID: MSVOA_Y Time Analyzed: 08:40
 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	180374	7.71	298369	8.62	252391	11.41
UPPER LIMIT	360748	8.207	596738	9.116	504782	11.914
LOWER LIMIT	90187	7.207	149185	8.116	126196	10.914
EPA SAMPLE NO.						
SS-10	237248	7.71	425729	8.62	352723	11.41
SS-910	241551	7.71	430984	8.62	344445	11.41
SS-11	239791	7.71	432569	8.62	345893	11.41
SS-11MS	134739	7.71	248613	8.62	210937	11.41
SS-11MSD	117744	7.71	220285	8.62	197296	11.41
VY0520SBL01	253729	7.71	453295	8.62	355808	11.42
VY0520SBS01	162404	7.71	280923	8.62	236555	11.42
VY0520SBSD01	169930	7.71	290999	8.62	242816	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.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
 Lab File ID: VY022329.D Date Analyzed: 05/20/2025
 Instrument ID: MSVOA_Y Time Analyzed: 08:40
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	120747	13.346				
UPPER LIMIT	241494	13.846				
LOWER LIMIT	60373.5	12.846				
EPA SAMPLE NO.						
SS-10	138928	13.35				
SS-910	126954	13.35				
SS-11	130644	13.35				
SS-11MS	91777	13.35				
SS-11MSD	91227	13.35				
VY0520SBL01	124571	13.35				
VY0520SBS01	111469	13.35				
VY0520SBSD01	114105	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.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
Lab File ID: VY022380.D Date Analyzed: 05/22/2025
Instrument ID: MSVOA_Y Time Analyzed: 08:35
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	161495	7.72	274168	8.62	235238	11.42
UPPER LIMIT	322990	8.22	548336	9.122	470476	11.92
LOWER LIMIT	80747.5	7.22	137084	8.122	117619	10.92
EPA SAMPLE NO.						
SS-MW1-11.5	234597	7.72	407953	8.62	330547	11.42
VY0522SBL01	263712	7.72	465826	8.62	376365	11.42
VY0522SBS01	174604	7.72	293942	8.62	250842	11.42
VY0522SBSD01	165702	7.71	283052	8.62	236945	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.: Q2075 SAS No.: Q2075 SDG NO.: Q2075
 Lab File ID: VY022380.D Date Analyzed: 05/22/2025
 Instrument ID: MSVOA_Y Time Analyzed: 08:35
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	110586	13.353				
UPPER LIMIT	221172	13.853				
LOWER LIMIT	55293	12.853				
EPA SAMPLE NO.						
SS-MW1-11.5	155760	13.35				
VY0522SBL01	137350	13.35				
VY0522SBS01	118480	13.35				
VY0522SBSD01	112772	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:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-10	SDG No.:	Q2075
Lab Sample ID:	Q2075-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	79.8
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
VY022343.D	1		05/20/25 15:22	VY052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	4.00	U	0.64	4.00	ug/Kg
108-88-3	Toluene	4.00	U	0.63	4.00	ug/Kg
100-41-4	Ethyl Benzene	21.1		0.54	4.00	ug/Kg
1330-20-7	Total Xylenes	93.8		1.66	12.1	ug/Kg
98-82-8	Isopropylbenzene	5.70		0.63	4.00	ug/Kg
103-65-1	n-propylbenzene	13.1		0.59	4.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	23.4		0.66	4.00	ug/Kg
98-06-6	tert-Butylbenzene	4.00	U	0.54	4.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	90.2		0.52	4.00	ug/Kg
135-98-8	sec-Butylbenzene	3.50	J	0.53	4.00	ug/Kg
99-87-6	p-Isopropyltoluene	2.10	J	0.50	4.00	ug/Kg
104-51-8	n-Butylbenzene	3.70	J	1.20	4.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	50.7		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.9		38 - 136	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	237000	7.707			
540-36-3	1,4-Difluorobenzene	426000	8.616			
3114-55-4	Chlorobenzene-d5	353000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	139000	13.346			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022343.D
 Acq On : 20 May 2025 15:22
 Operator : SY/MD
 Sample : Q2075-01
 Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-10

Quant Time: May 21 01:50:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

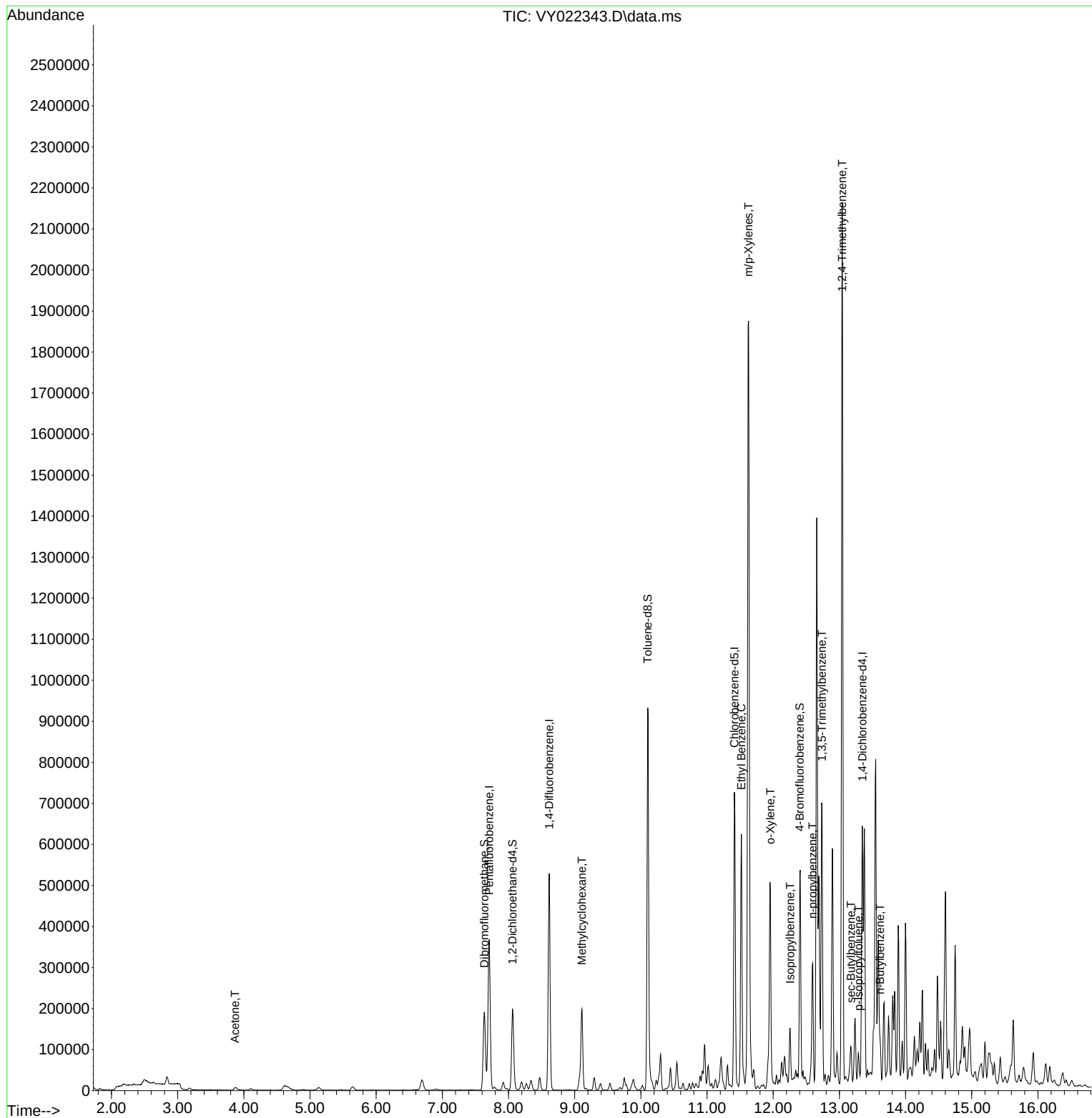
Internal Standards						
1) Pentafluorobenzene	7.707	168	237248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	425729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	352723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	138286	53.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.660%	
35) Dibromofluoromethane	7.634	113	131771	51.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.720%	
50) Toluene-d8	10.103	98	527709	50.708	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	12.401	95	141599	42.927	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.860%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	12110	24.908	ug/l	93
39) Methylcyclohexane	9.109	83	83214	14.799	ug/l	98
67) Ethyl Benzene	11.517	91	389483	26.134	ug/l	99
68) m/p-Xylenes	11.627	106	524191	93.342	ug/l	99
69) o-Xylene	11.956	106	120547	22.688	ug/l	96
73) Isopropylbenzene	12.255	105	81195	7.055	ug/l	99
78) n-propylbenzene	12.597	91	224654	16.182	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	268724	28.923	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	1029267	111.599	ug/l	98
85) sec-Butylbenzene	13.176	105	52433	4.277	ug/l	87
86) p-Isopropyltoluene	13.292	119	27391	2.657	ug/l	97
89) n-Butylbenzene	13.615	91	44165	4.528	ug/l #	78

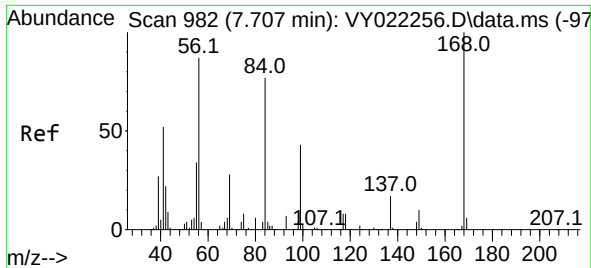
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022343.D
Acq On : 20 May 2025 15:22
Operator : SY/MD
Sample : Q2075-01
Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-10

Quant Time: May 21 01:50:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

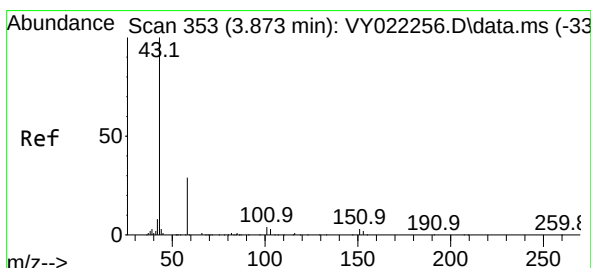
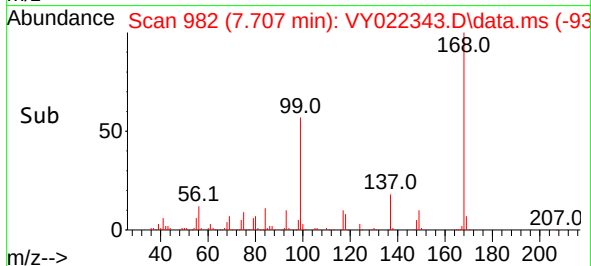
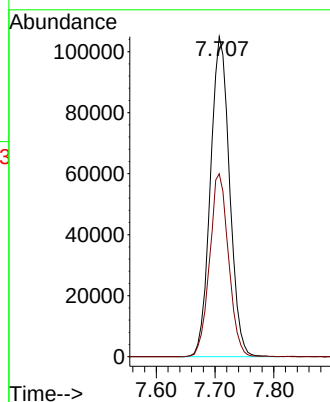
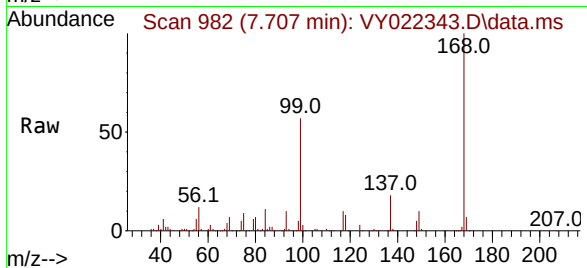




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

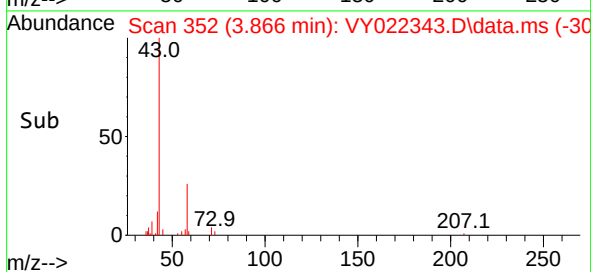
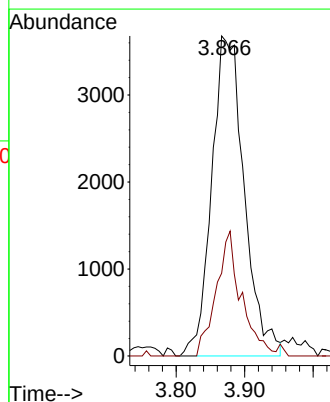
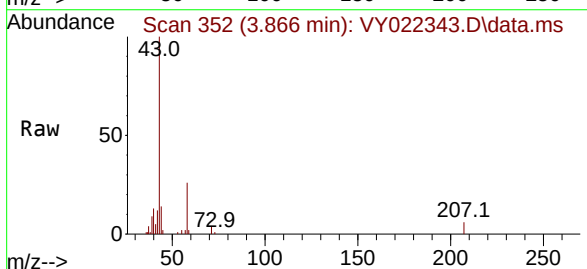
Instrument :
MSVOA_Y
ClientSampleId :
SS-10

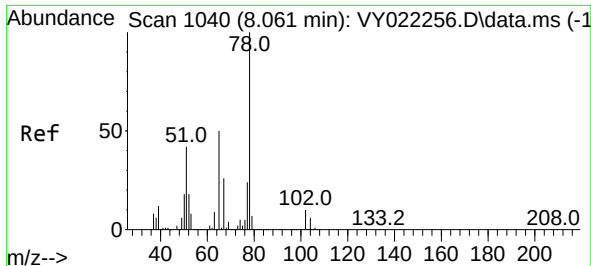
Tgt Ion:168 Resp: 237248
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#16
Acetone
Concen: 24.908 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

Tgt Ion: 43 Resp: 12110
Ion Ratio Lower Upper
43 100
58 25.9 23.6 35.4





#33

1,2-Dichloroethane-d4

Concen: 53.333 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022343.D

Acq: 20 May 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

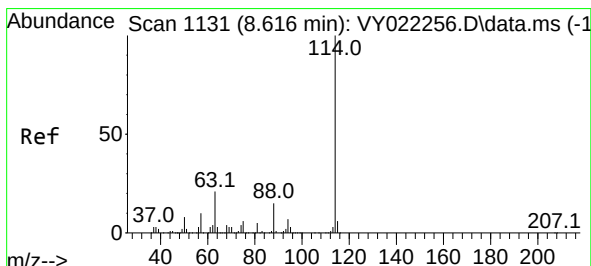
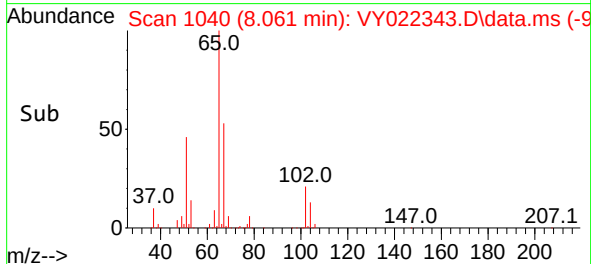
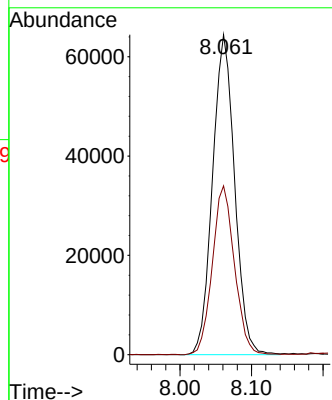
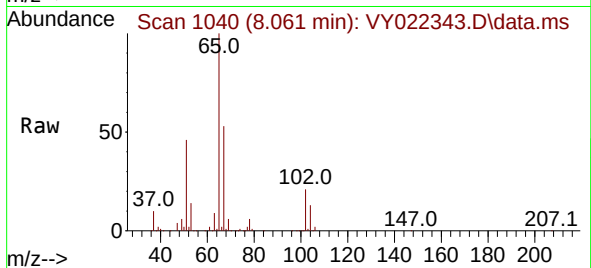
SS-10

Tgt Ion: 65 Resp: 138286

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022343.D

Acq: 20 May 2025 15:22

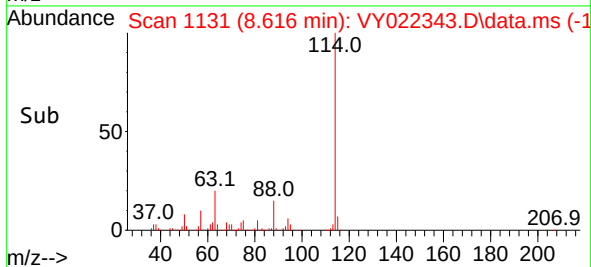
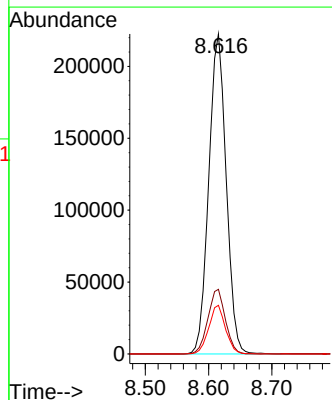
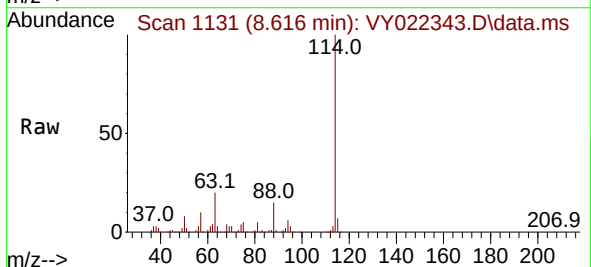
Tgt Ion: 114 Resp: 425729

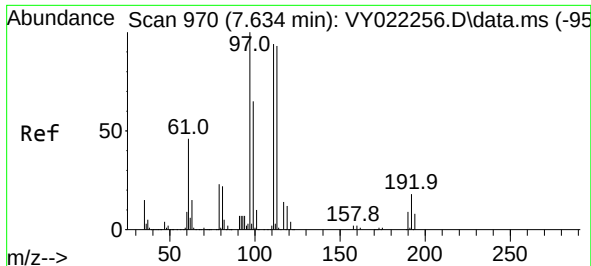
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.0

88 15.2 0.0 29.4

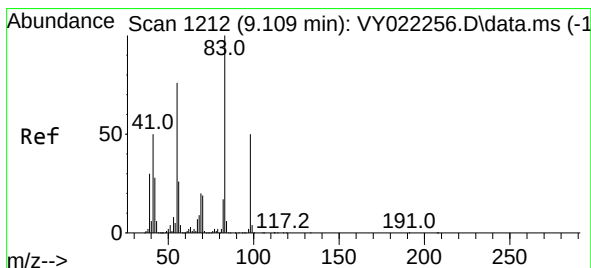
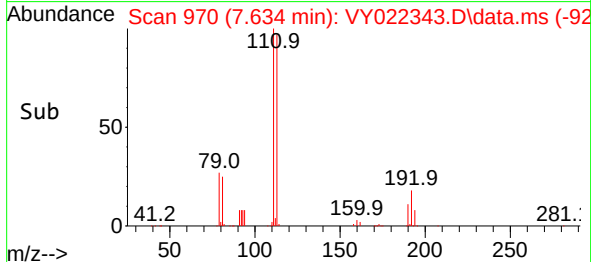
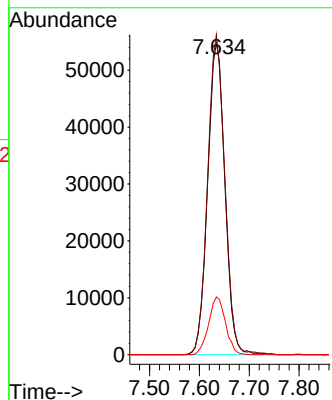
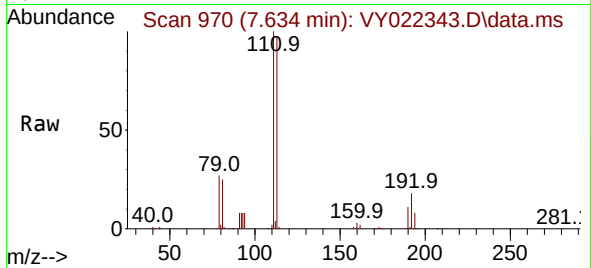




#35
Dibromofluoromethane
Concen: 51.858 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

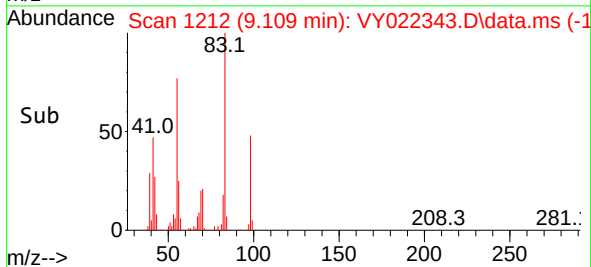
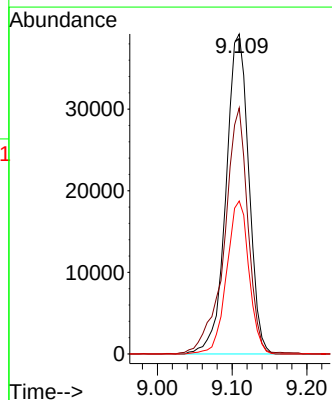
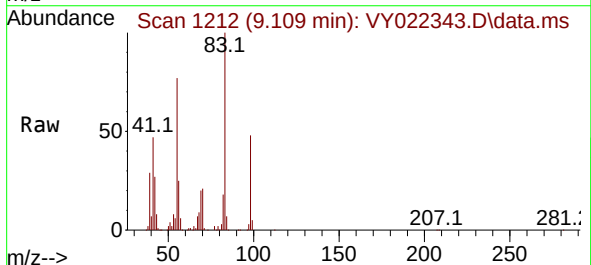
Instrument :
MSVOA_Y
ClientSampleId :
SS-10

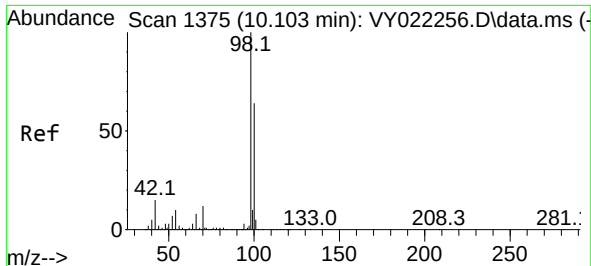
Tgt Ion:113 Resp: 131771
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 18.1 15.2 22.8



#39
Methylcyclohexane
Concen: 14.799 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

Tgt Ion: 83 Resp: 83214
Ion Ratio Lower Upper
83 100
55 76.5 60.6 90.8
98 47.8 40.0 60.0

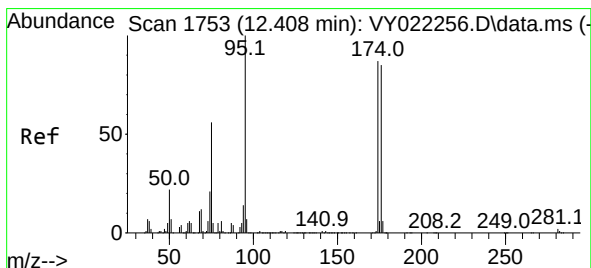
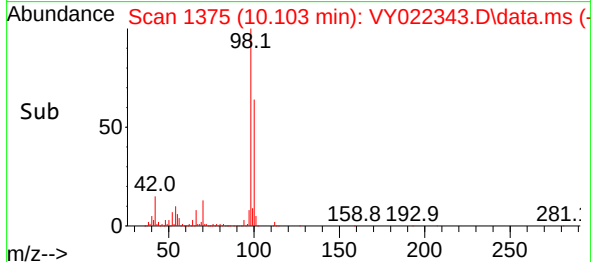
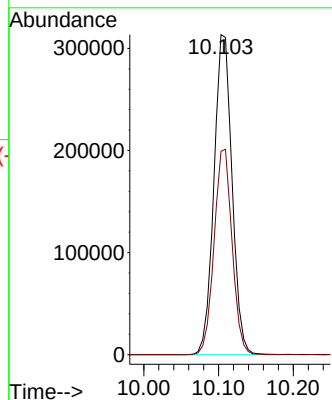
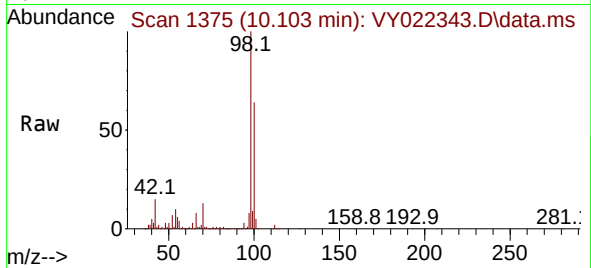




#50
Toluene-d8
Concen: 50.708 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

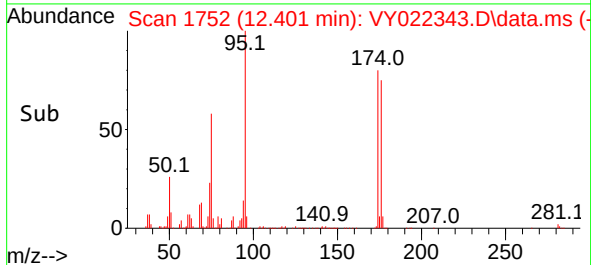
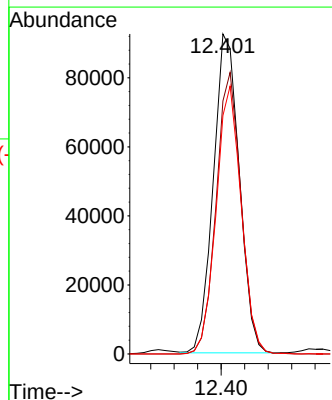
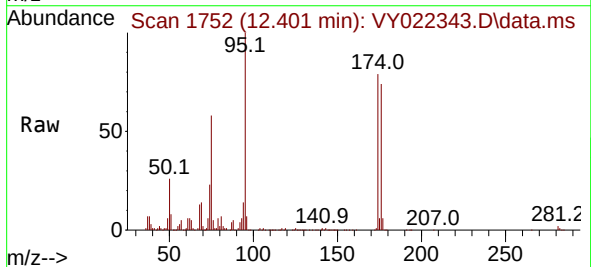
Instrument :
MSVOA_Y
ClientSampleId :
SS-10

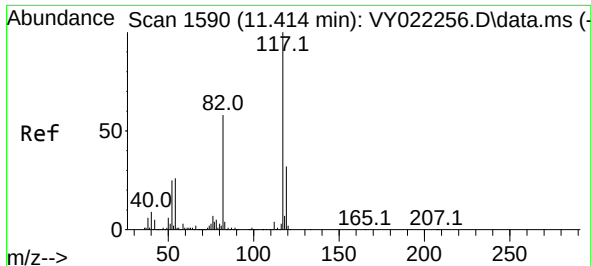
Tgt Ion: 98 Resp: 527709
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 42.927 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

Tgt Ion: 95 Resp: 141599
Ion Ratio Lower Upper
95 100
174 84.9 0.0 166.8
176 81.5 0.0 160.8

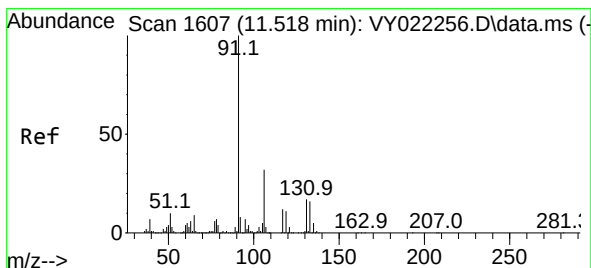
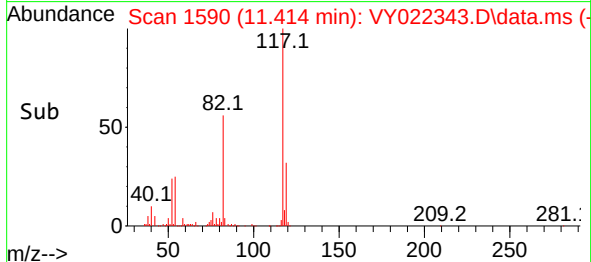
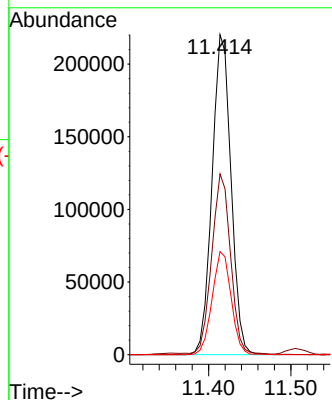
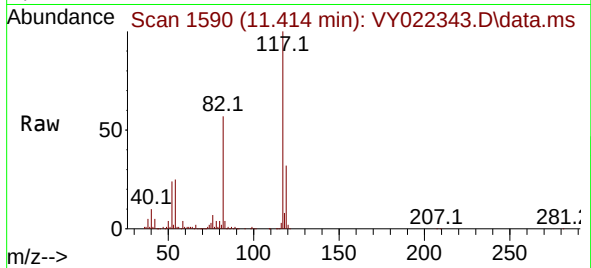




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

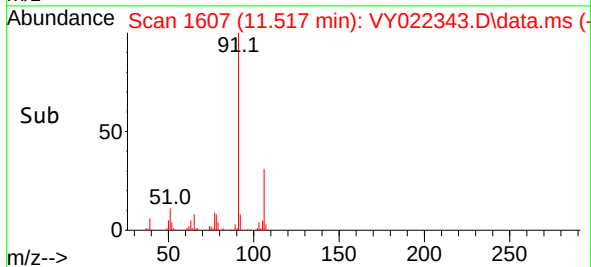
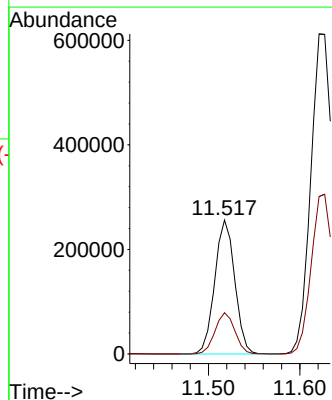
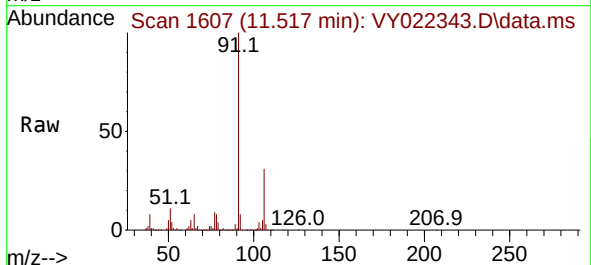
Instrument :
MSVOA_Y
ClientSampleId :
SS-10

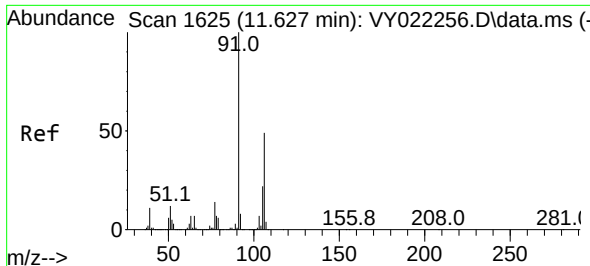
Tgt Ion:117 Resp: 352723
Ion Ratio Lower Upper
117 100
82 56.1 46.6 70.0
119 32.2 25.8 38.6



#67
Ethyl Benzene
Concen: 26.134 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

Tgt Ion: 91 Resp: 389483
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0

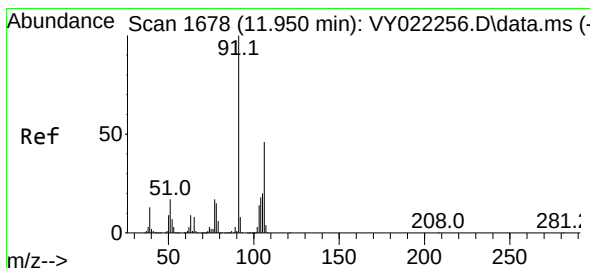
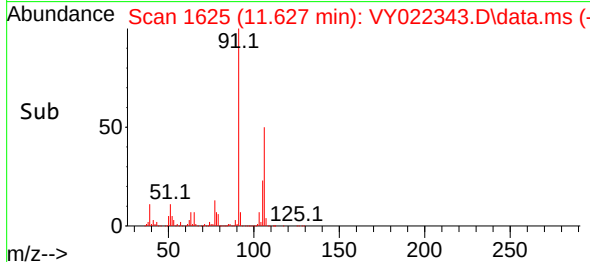
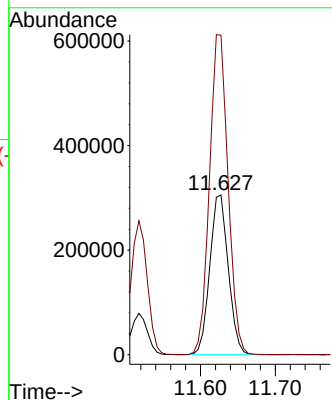
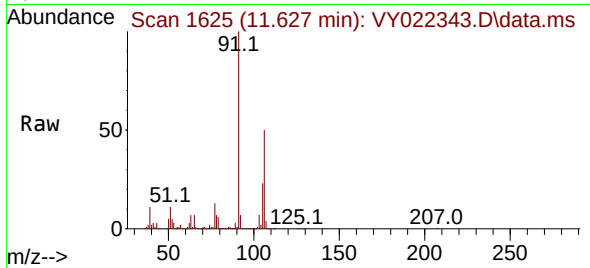




#68
m/p-Xylenes
Concen: 93.342 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

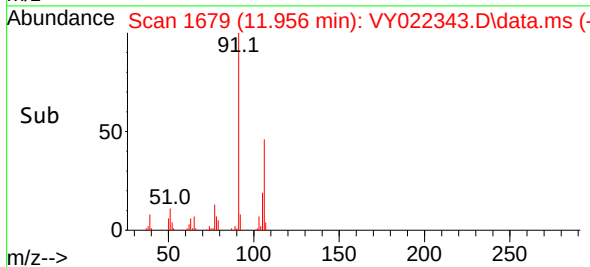
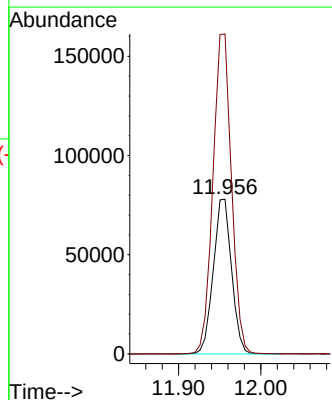
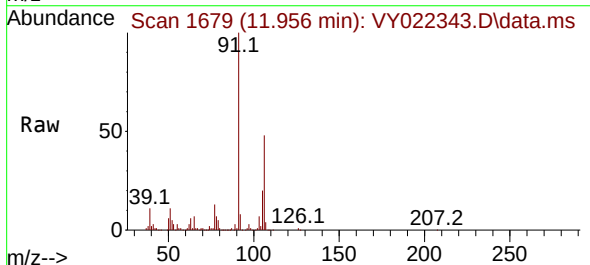
Instrument :
MSVOA_Y
ClientSampleId :
SS-10

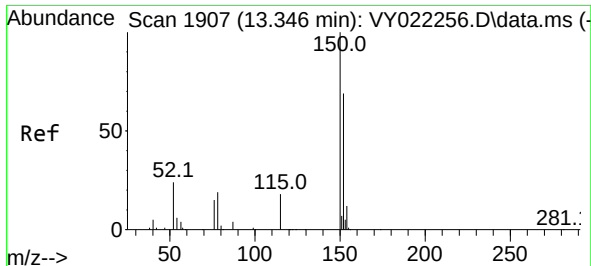
Tgt Ion:106 Resp: 524191
Ion Ratio Lower Upper
106 100
91 201.5 163.0 244.4



#69
o-Xylene
Concen: 22.688 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

Tgt Ion:106 Resp: 120547
Ion Ratio Lower Upper
106 100
91 209.9 108.3 324.8

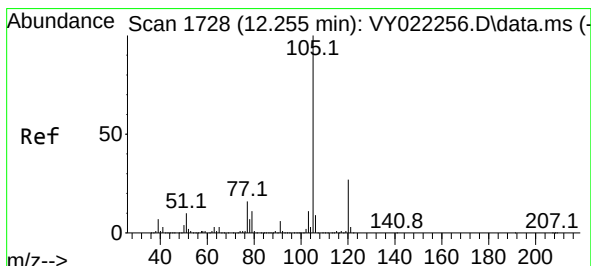
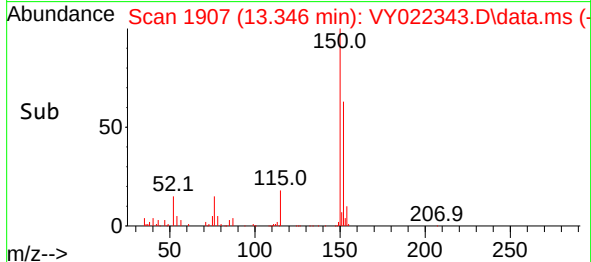
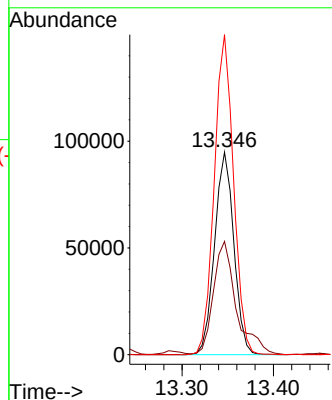
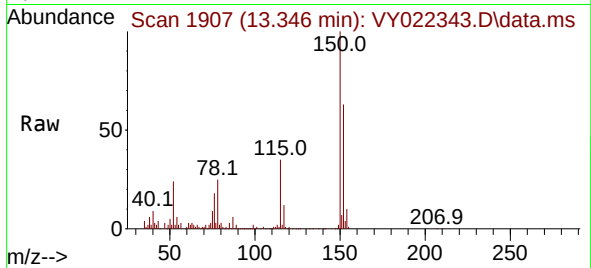




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022343.D
 Acq: 20 May 2025 15:22

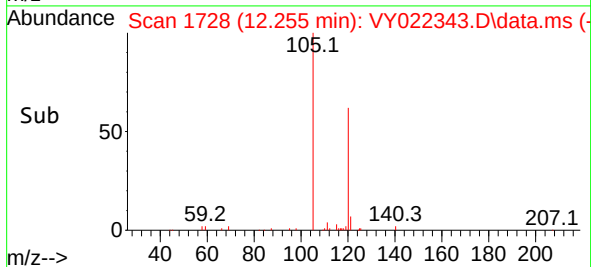
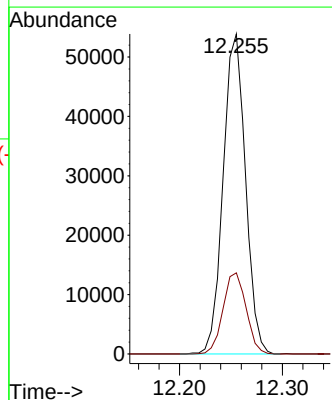
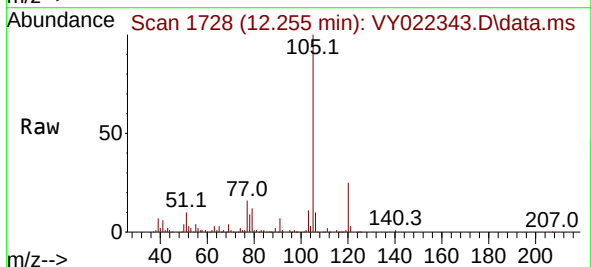
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-10

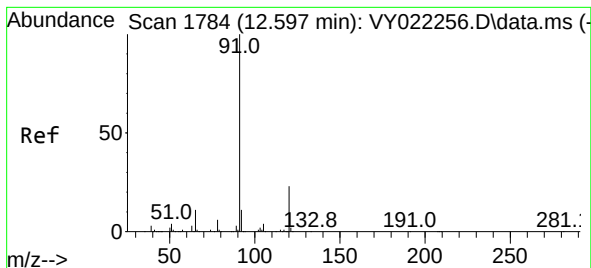
Tgt Ion:152 Resp: 138928
 Ion Ratio Lower Upper
 152 100
 115 66.2 29.4 88.2
 150 158.3 0.0 353.8



#73
 Isopropylbenzene
 Concen: 7.055 ug/l
 RT: 12.255 min Scan# 1728
 Delta R.T. -0.000 min
 Lab File: VY022343.D
 Acq: 20 May 2025 15:22

Tgt Ion:105 Resp: 81195
 Ion Ratio Lower Upper
 105 100
 120 26.1 13.2 39.6

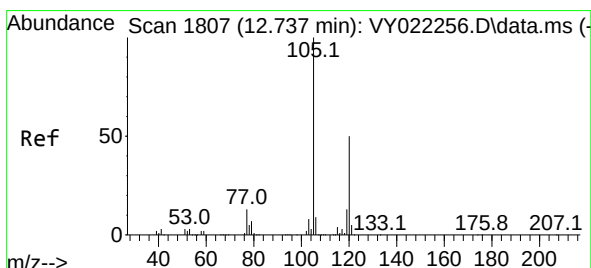
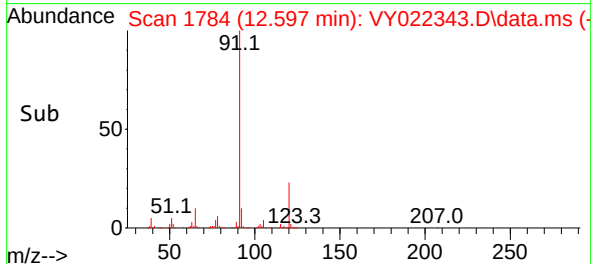
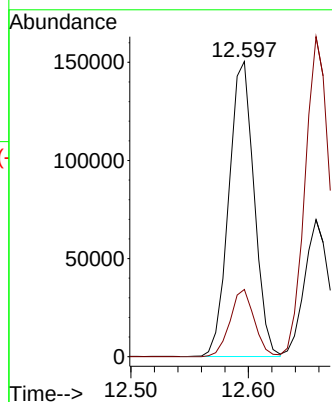
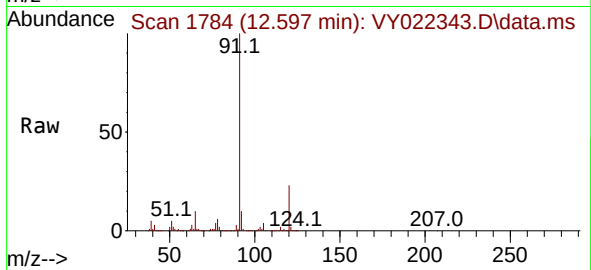




#78
n-propylbenzene
Concen: 16.182 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

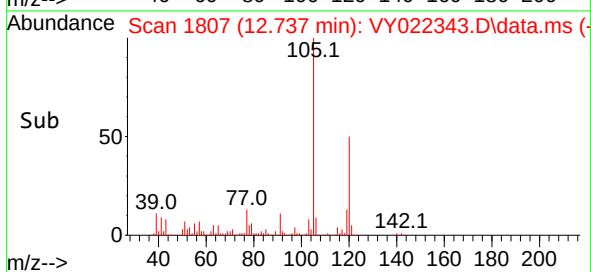
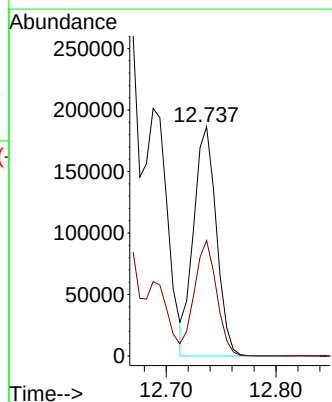
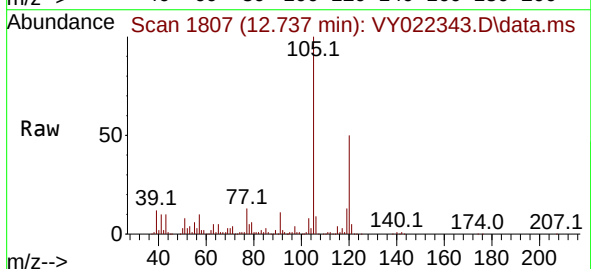
Instrument :
MSVOA_Y
ClientSampleId :
SS-10

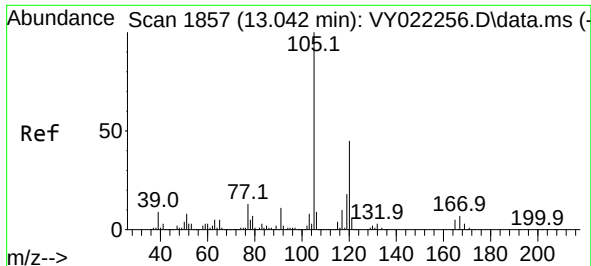
Tgt Ion: 91 Resp: 224654
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3



#80
1,3,5-Trimethylbenzene
Concen: 28.923 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

Tgt Ion: 105 Resp: 268724
Ion Ratio Lower Upper
105 100
120 49.4 24.2 72.6

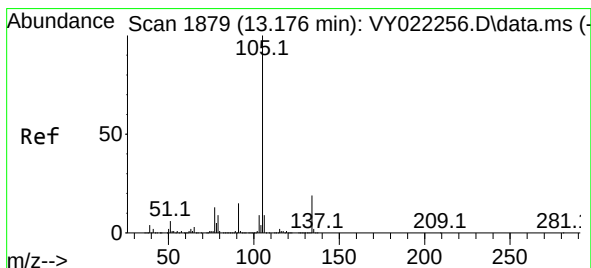
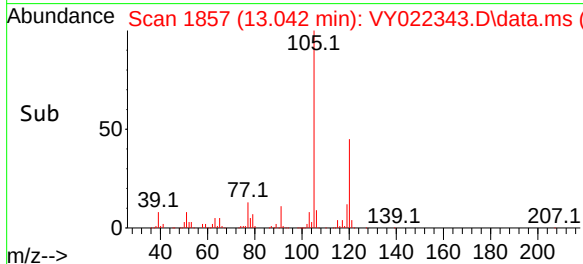
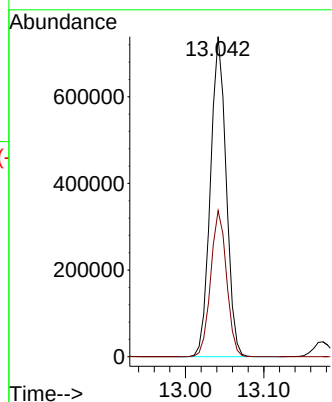
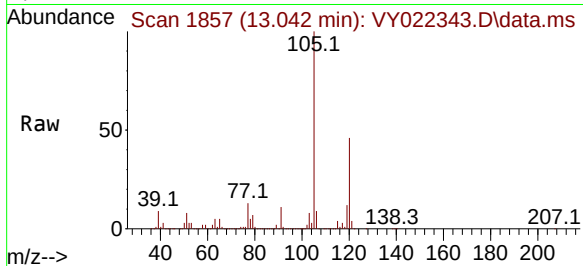




#84
1,2,4-Trimethylbenzene
Concen: 111.599 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

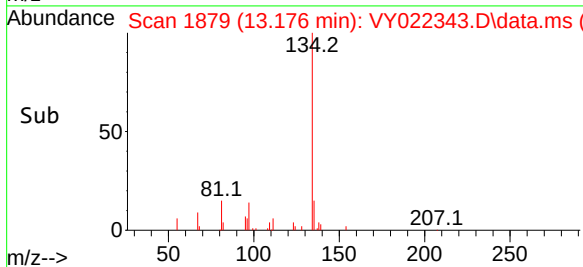
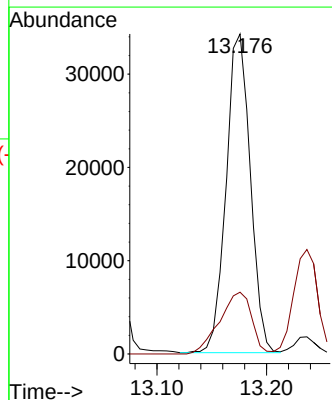
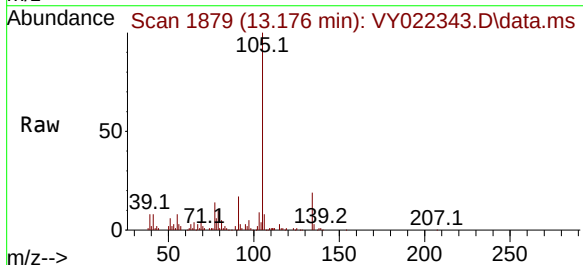
Instrument :
MSVOA_Y
ClientSampleId :
SS-10

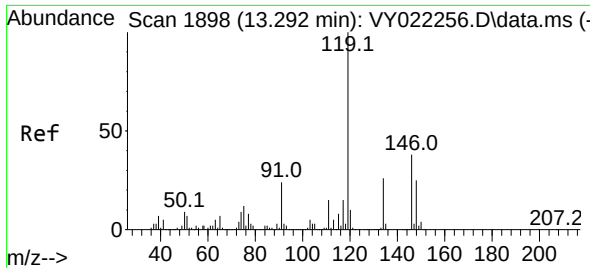
Tgt Ion:105 Resp: 1029267
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9



#85
sec-Butylbenzene
Concen: 4.277 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

Tgt Ion:105 Resp: 52433
Ion Ratio Lower Upper
105 100
134 25.7 9.8 29.5

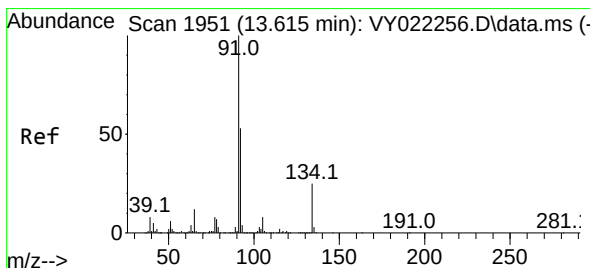
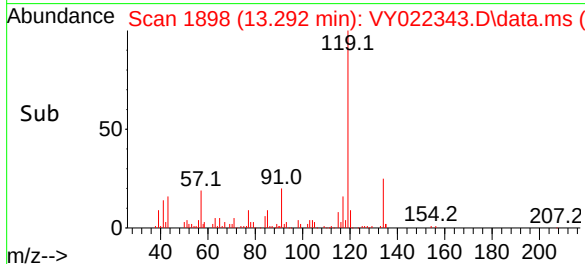
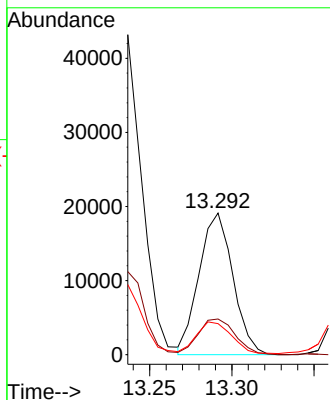
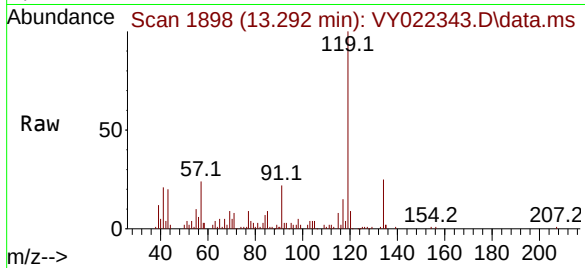




#86
p-Isopropyltoluene
Concen: 2.657 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

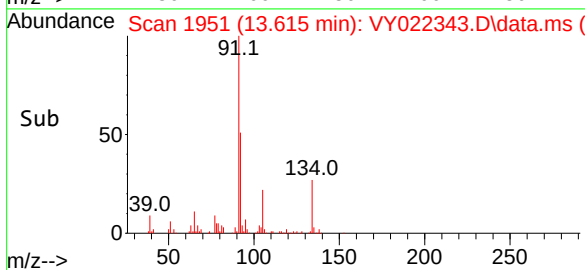
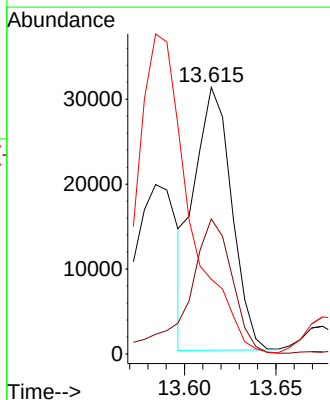
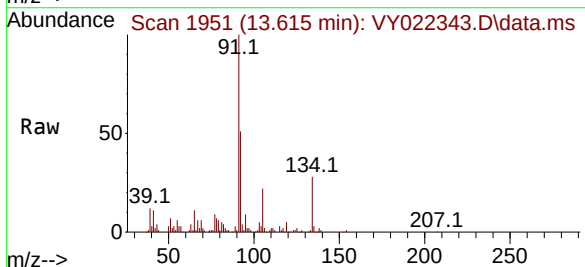
Instrument :
MSVOA_Y
ClientSampleId :
SS-10

Tgt Ion:	119	Resp:	27391
Ion	Ratio	Lower	Upper
119	100		
134	27.7	12.9	38.6
91	22.9	12.1	36.3



#89
n-Butylbenzene
Concen: 4.528 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022343.D
Acq: 20 May 2025 15:22

Tgt Ion:	91	Resp:	44165
Ion	Ratio	Lower	Upper
91	100		
92	58.4	26.3	78.9
134	0.0	12.4	37.4



Report of Analysis

Client:	CDM Smith		Date Collected:	05/15/25	
Project:	Con Ed UTEN Mount Vernon, NY		Date Received:	05/16/25	
Client Sample ID:	SS-910		SDG No.:	Q2075	
Lab Sample ID:	Q2075-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81.3	
Sample Wt/Vol:	8.02	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
VY022344.D	1		05/20/25 15:45	VY052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.80	U	0.61	3.80	ug/Kg
108-88-3	Toluene	3.80	U	0.60	3.80	ug/Kg
100-41-4	Ethyl Benzene	5.40		0.51	3.80	ug/Kg
1330-20-7	Total Xylenes	26.5		1.58	11.5	ug/Kg
98-82-8	Isopropylbenzene	2.10	J	0.60	3.80	ug/Kg
103-65-1	n-propylbenzene	5.00		0.56	3.80	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	9.10		0.63	3.80	ug/Kg
98-06-6	tert-Butylbenzene	3.80	U	0.51	3.80	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	32.9		0.49	3.80	ug/Kg
135-98-8	sec-Butylbenzene	1.50	J	0.51	3.80	ug/Kg
99-87-6	p-Isopropyltoluene	0.99	J	0.48	3.80	ug/Kg
104-51-8	n-Butylbenzene	1.70	J	1.10	3.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.7		63 - 155	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	48.7		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.8		38 - 136	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	242000	7.707			
540-36-3	1,4-Difluorobenzene	431000	8.616			
3114-55-4	Chlorobenzene-d5	344000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	127000	13.347			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022344.D
 Acq On : 20 May 2025 15:45
 Operator : SY/MD
 Sample : Q2075-02
 Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-910

Quant Time: May 21 01:50:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

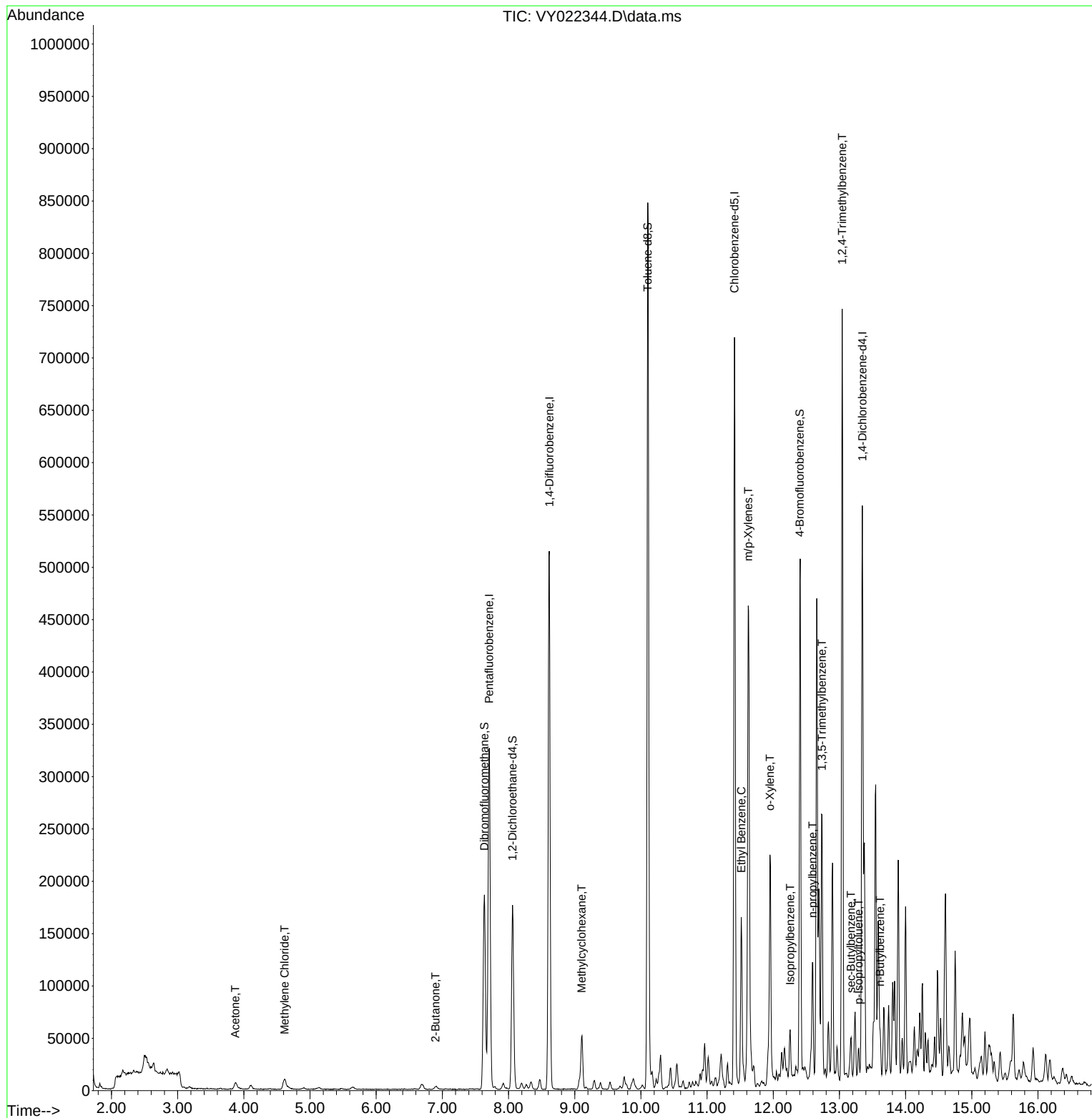
Internal Standards						
1) Pentafluorobenzene	7.707	168	241551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	430984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	344445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	126954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128674	48.742	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.480%		
35) Dibromofluoromethane	7.634	113	127466	49.552	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.100%		
50) Toluene-d8	10.103	98	512727	48.668	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.340%		
62) 4-Bromofluorobenzene	12.402	95	133041	39.841	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	79.680%		
Target Compounds					Qvalue	
16) Acetone	3.873	43	11631	23.497	ug/l	92
20) Methylene Chloride	4.616	84	6624	2.071	ug/l #	81
25) 2-Butanone	6.896	43	4548	5.493	ug/l	99
39) Methylcyclohexane	9.103	83	21570	3.789	ug/l	97
67) Ethyl Benzene	11.518	91	102927	7.072	ug/l	95
68) m/p-Xylenes	11.621	106	133393	24.324	ug/l	97
69) o-Xylene	11.950	106	53096	10.233	ug/l	97
73) Isopropylbenzene	12.255	105	28275	2.688	ug/l	100
78) n-propylbenzene	12.597	91	83294	6.566	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	100815	11.874	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	361565	42.901	ug/l	98
85) sec-Butylbenzene	13.176	105	22583	2.016	ug/l	87
86) p-Isopropyltoluene	13.292	119	12154	1.290	ug/l	99
89) n-Butylbenzene	13.615	91	19377	2.174	ug/l #	80

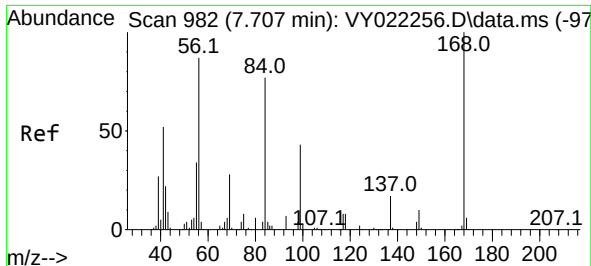
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022344.D
Acq On : 20 May 2025 15:45
Operator : SY/MD
Sample : Q2075-02
Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-910

Quant Time: May 21 01:50:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

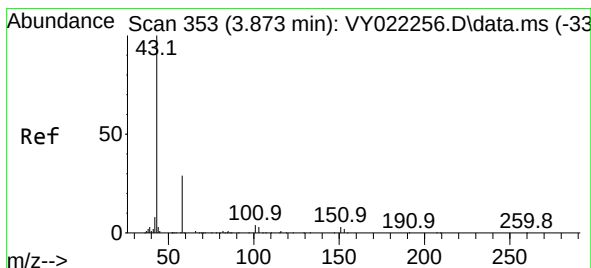
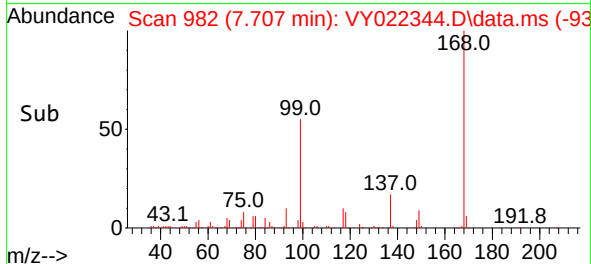
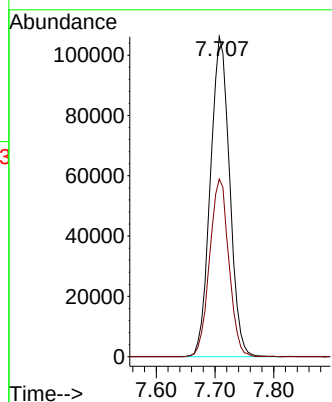
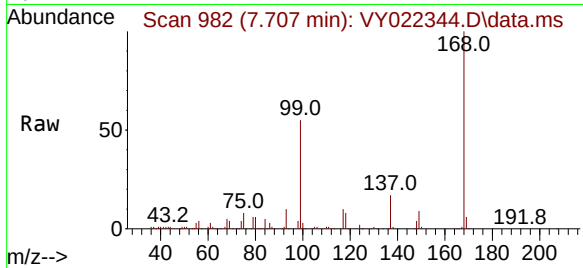




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

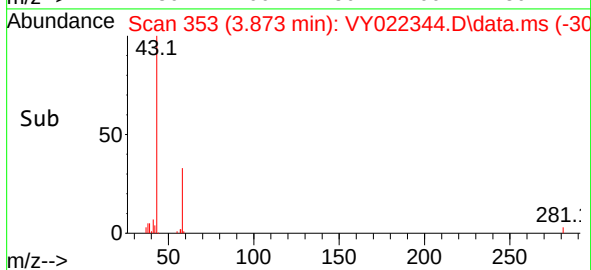
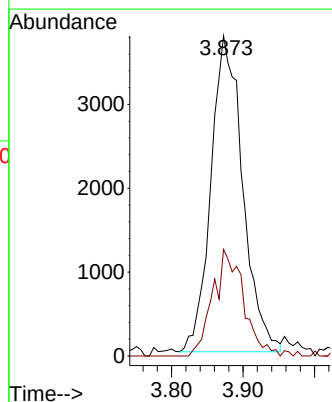
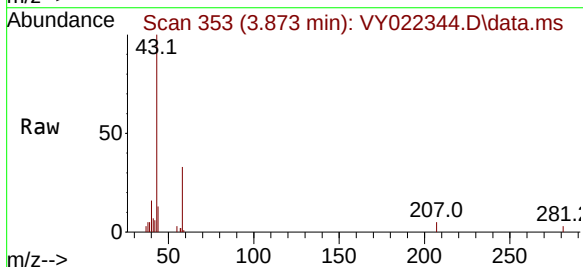
Instrument :
MSVOA_Y
ClientSampleId :
SS-910

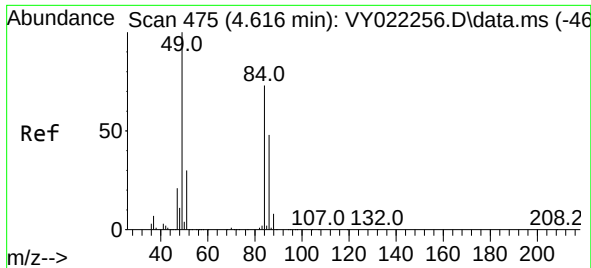
Tgt Ion:168 Resp: 241551
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#16
Acetone
Concen: 23.497 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

Tgt Ion: 43 Resp: 11631
Ion Ratio Lower Upper
43 100
58 33.8 23.6 35.4

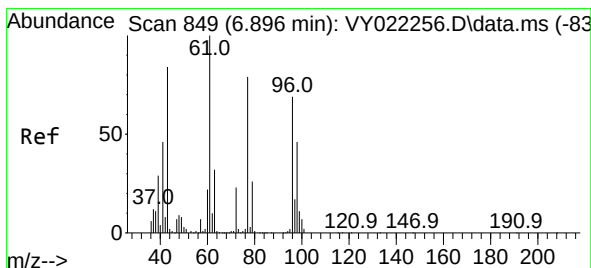
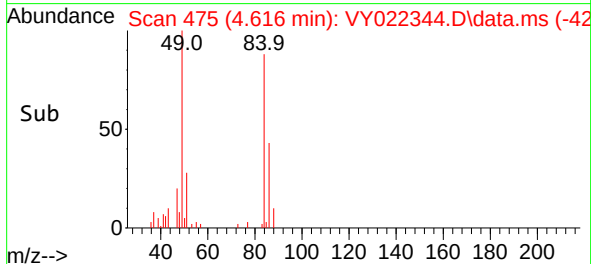
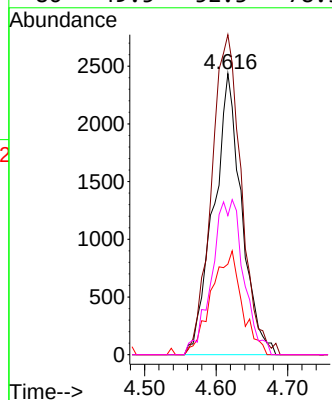
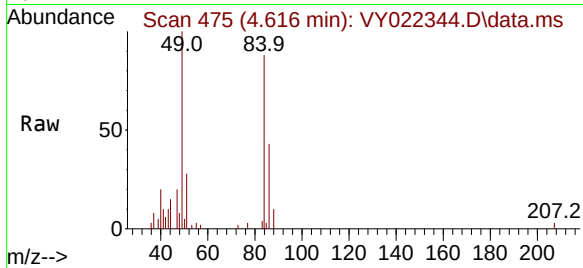




#20
Methylene Chloride
Concen: 2.071 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

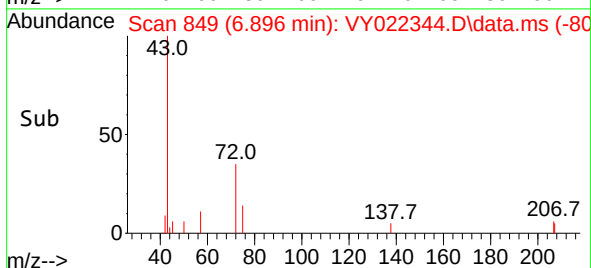
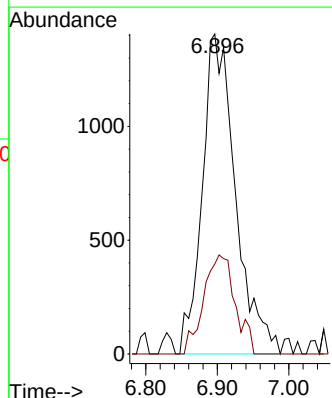
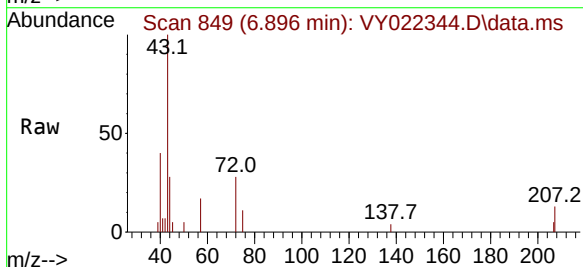
Instrument :
MSVOA_Y
ClientSampleId :
SS-910

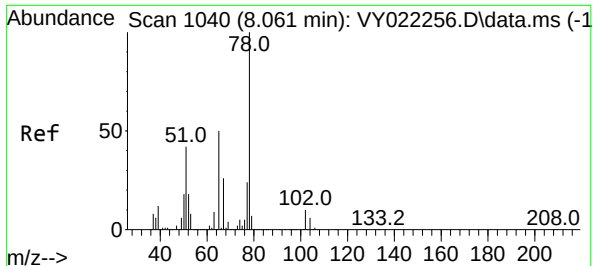
Tgt Ion:	84	Resp:	6624
Ion	Ratio	Lower	Upper
84	100		
49	113.8	109.6	164.4
51	32.2	32.4	48.6#
86	49.5	52.3	78.5#



#25
2-Butanone
Concen: 5.493 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

Tgt Ion:	43	Resp:	4548
Ion	Ratio	Lower	Upper
43	100		
72	28.1	22.1	33.1





#33

1,2-Dichloroethane-d4

Concen: 48.742 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY022344.D

Acq: 20 May 2025 15:45

Instrument :

MSVOA_Y

ClientSampleId :

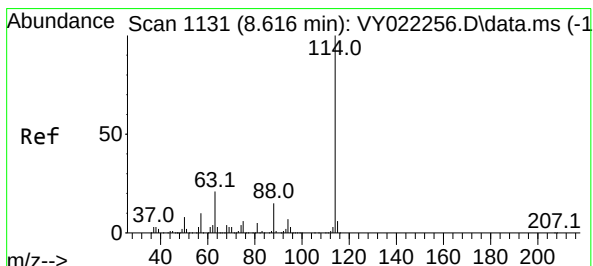
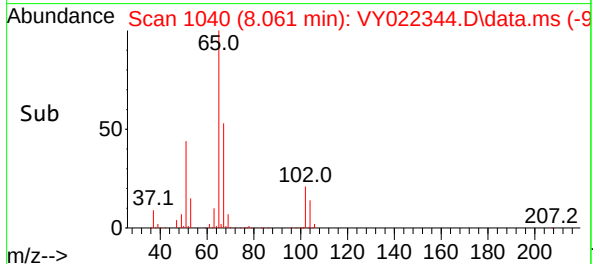
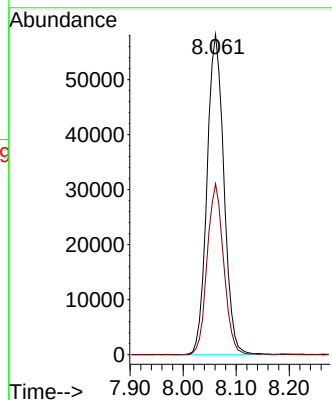
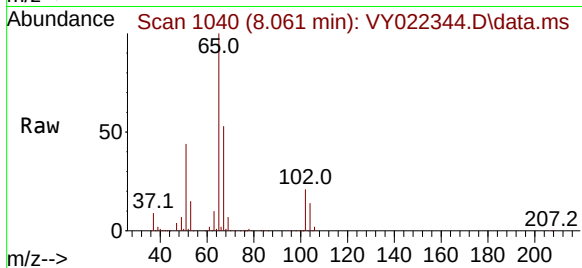
SS-910

Tgt Ion: 65 Resp: 128674

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022344.D

Acq: 20 May 2025 15:45

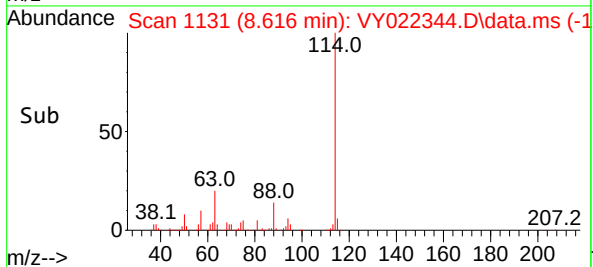
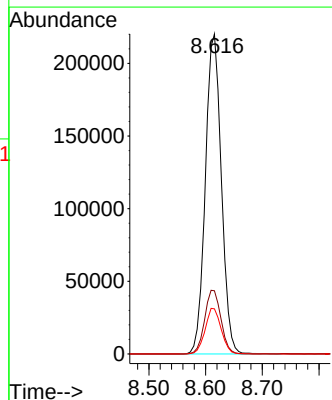
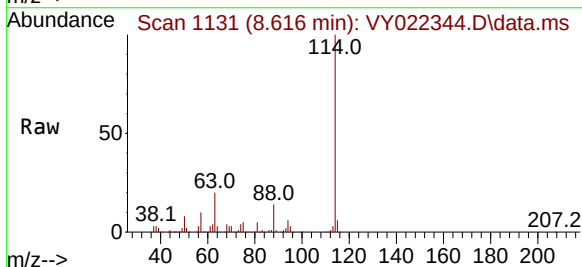
Tgt Ion: 114 Resp: 430984

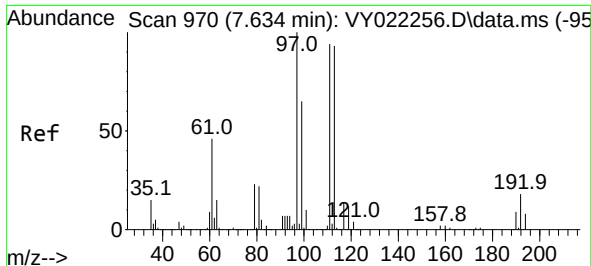
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.0

88 14.1 0.0 29.4

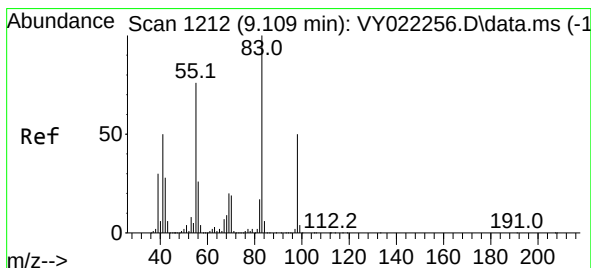
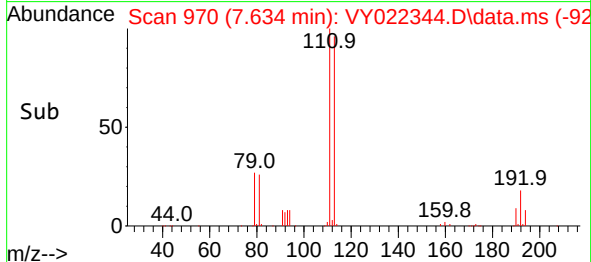
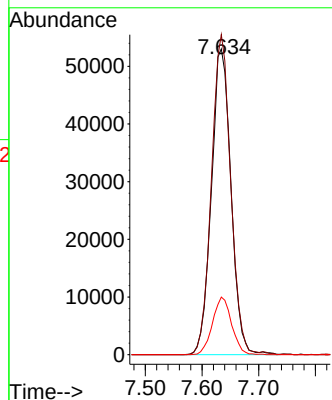
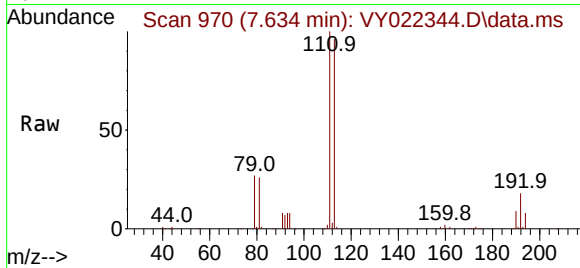




#35
Dibromofluoromethane
Concen: 49.552 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

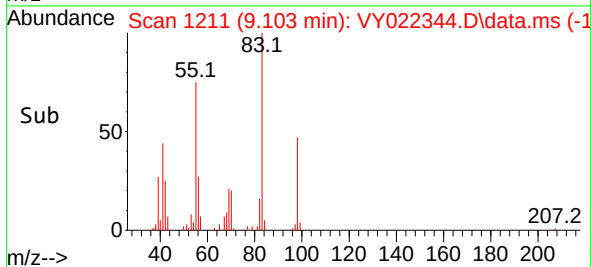
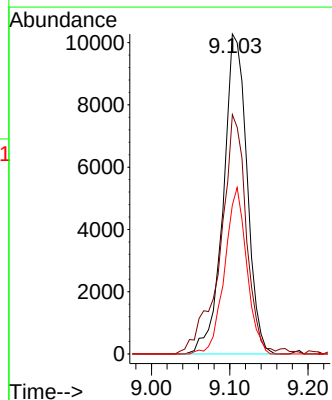
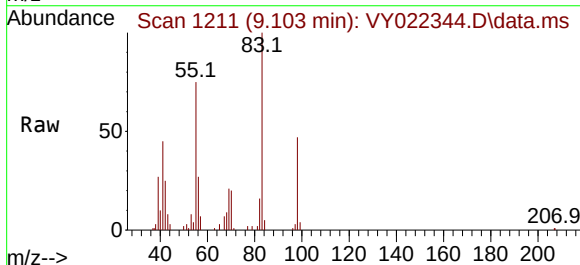
Instrument :
MSVOA_Y
ClientSampleId :
SS-910

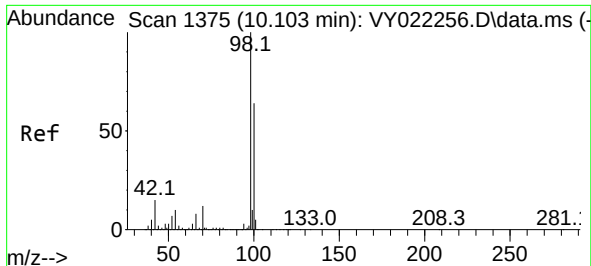
Tgt Ion:113 Resp: 127466
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 18.4 15.2 22.8



#39
Methylcyclohexane
Concen: 3.789 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

Tgt Ion: 83 Resp: 21570
Ion Ratio Lower Upper
83 100
55 74.0 60.6 90.8
98 46.6 40.0 60.0

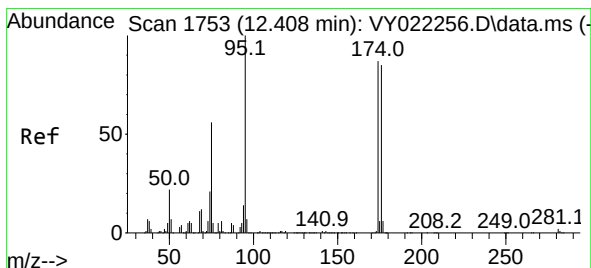
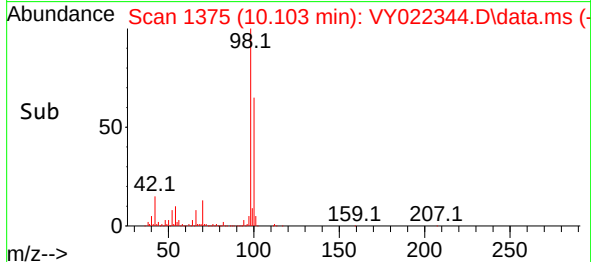
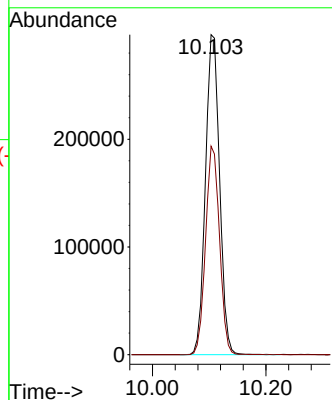
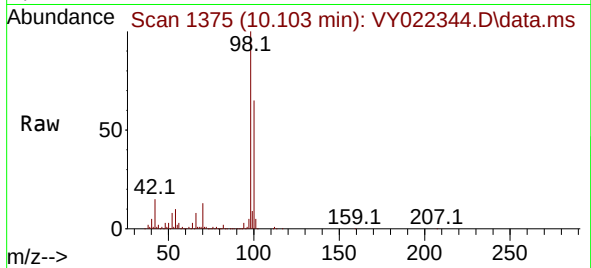




#50
Toluene-d8
Concen: 48.668 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

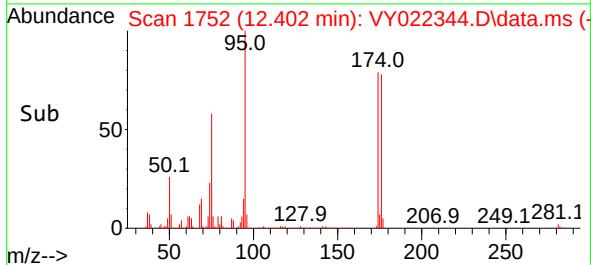
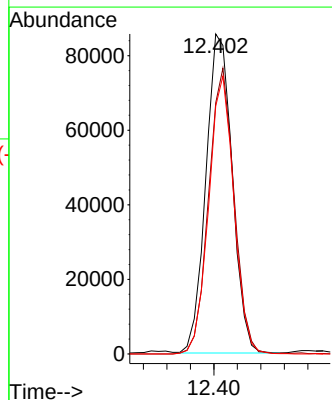
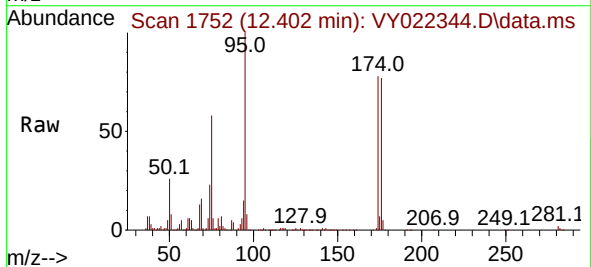
Instrument :
MSVOA_Y
ClientSampleId :
SS-910

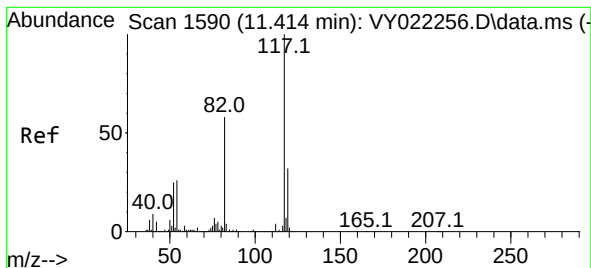
Tgt Ion: 98 Resp: 512727
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 39.841 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

Tgt Ion: 95 Resp: 133041
Ion Ratio Lower Upper
95 100
174 86.7 0.0 166.8
176 83.5 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022344.D

Acq: 20 May 2025 15:45

Instrument :

MSVOA_Y

ClientSampleId :

SS-910

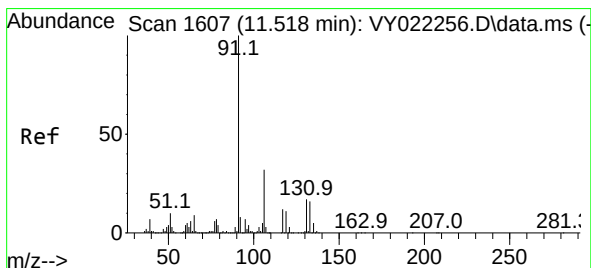
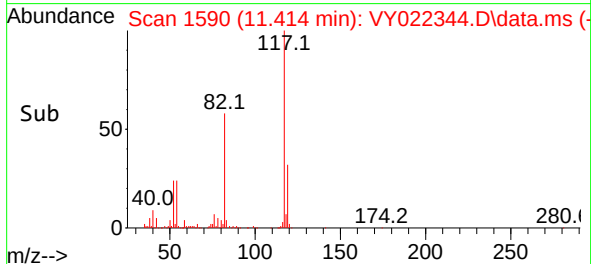
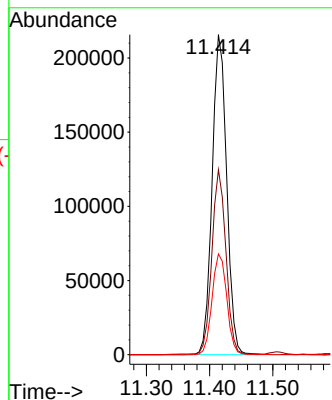
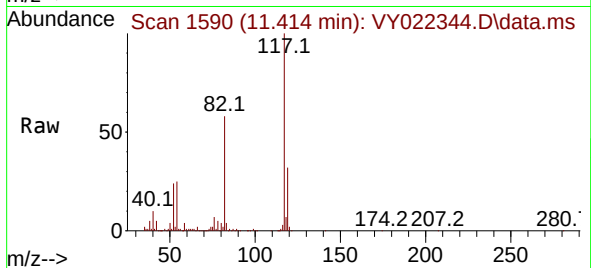
Tgt Ion:117 Resp: 344445

Ion Ratio Lower Upper

117 100

82 57.6 46.6 70.0

119 31.5 25.8 38.6



#67

Ethyl Benzene

Concen: 7.072 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022344.D

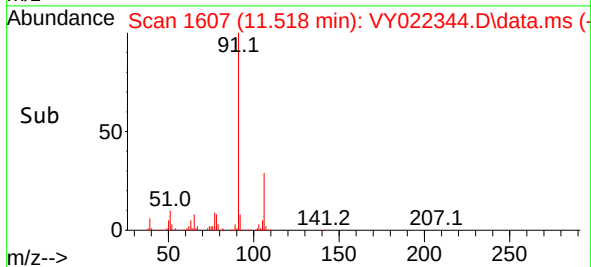
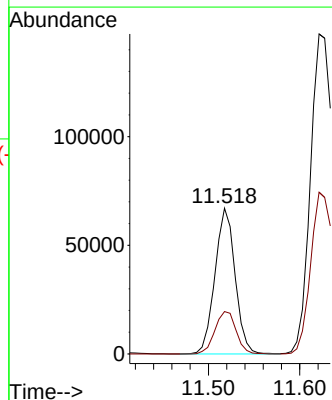
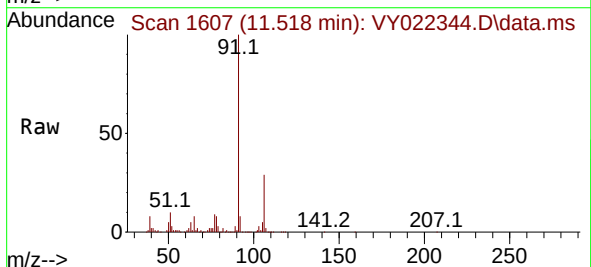
Acq: 20 May 2025 15:45

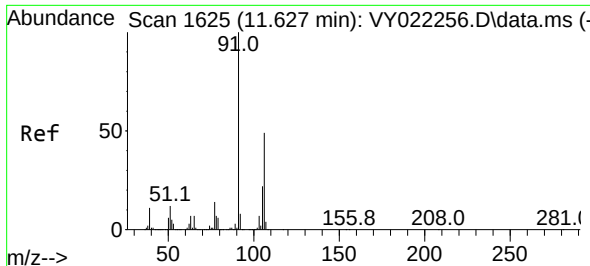
Tgt Ion: 91 Resp: 102927

Ion Ratio Lower Upper

91 100

106 29.1 25.4 38.0

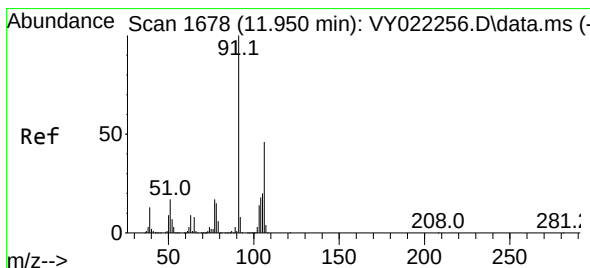
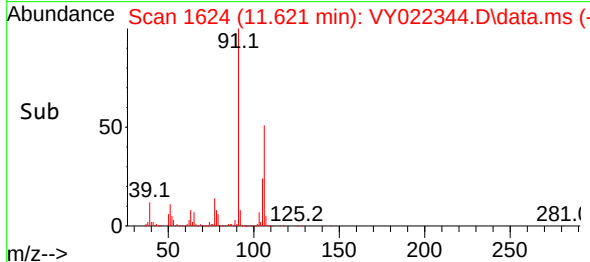
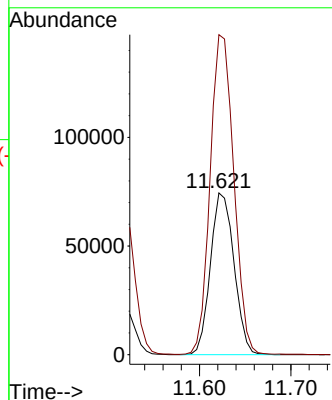
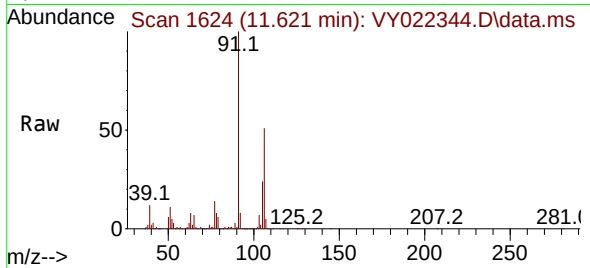




#68
m/p-Xylenes
Concen: 24.324 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

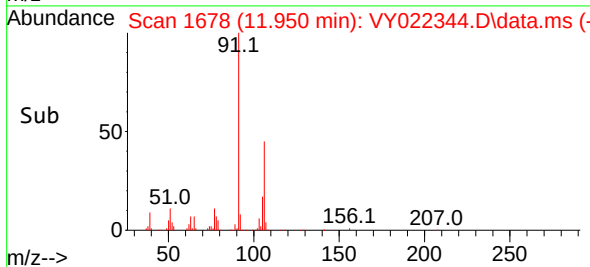
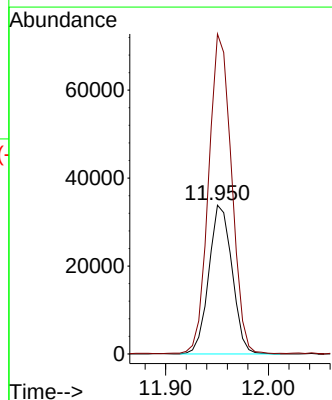
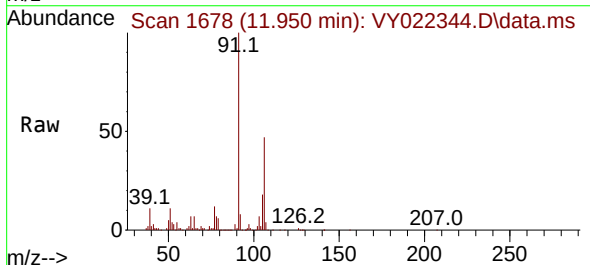
Instrument :
MSVOA_Y
ClientSampleId :
SS-910

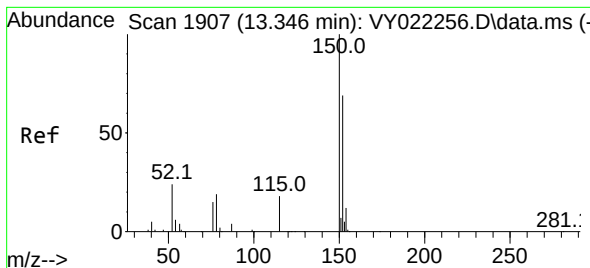
Tgt Ion:106 Resp: 133393
Ion Ratio Lower Upper
106 100
91 199.0 163.0 244.4



#69
o-Xylene
Concen: 10.233 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

Tgt Ion:106 Resp: 53096
Ion Ratio Lower Upper
106 100
91 212.1 108.3 324.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022344.D

Acq: 20 May 2025 15:45

Instrument :

MSVOA_Y

ClientSampleId :

SS-910

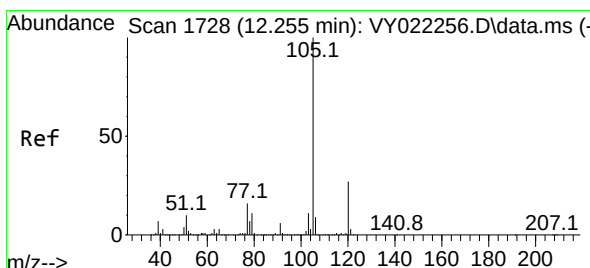
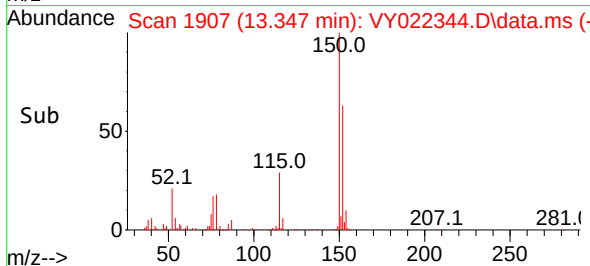
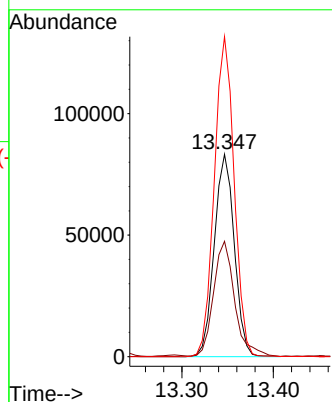
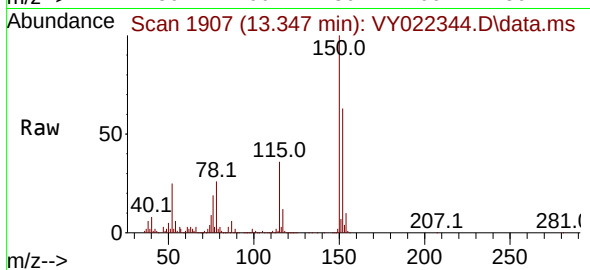
Tgt Ion:152 Resp: 126954

Ion Ratio Lower Upper

152 100

115 59.9 29.4 88.2

150 156.6 0.0 353.8



#73

Isopropylbenzene

Concen: 2.688 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY022344.D

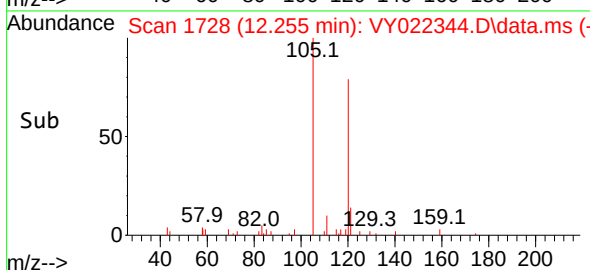
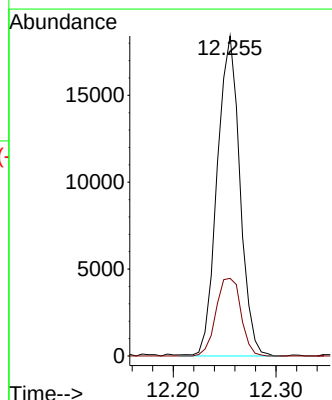
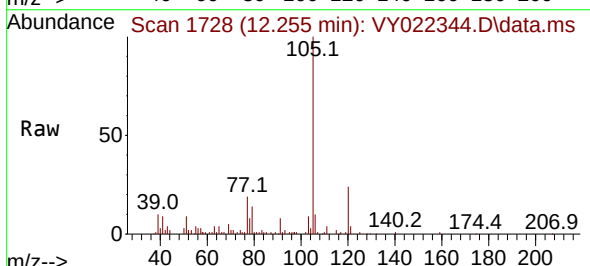
Acq: 20 May 2025 15:45

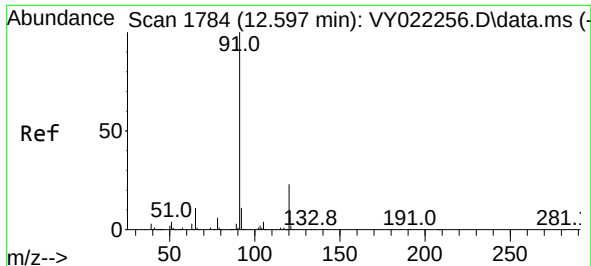
Tgt Ion:105 Resp: 28275

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6

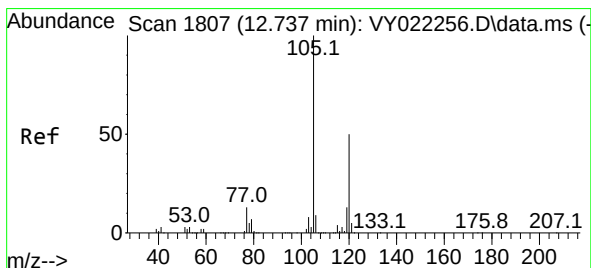
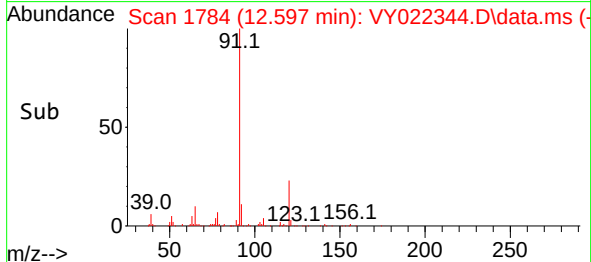
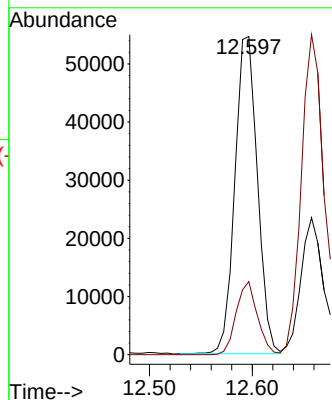
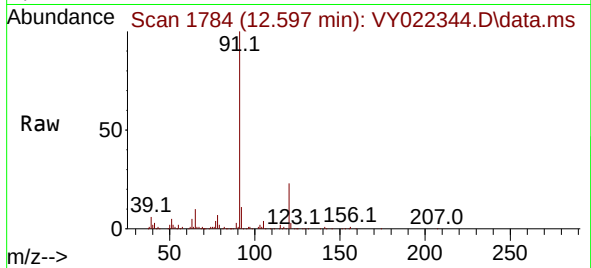




#78
n-propylbenzene
Concen: 6.566 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

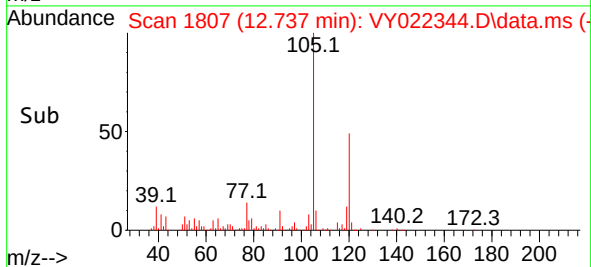
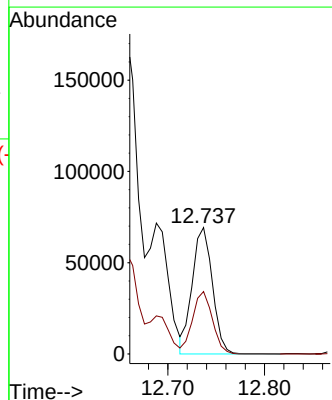
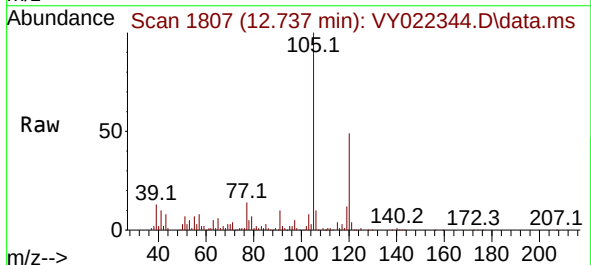
Instrument :
MSVOA_Y
ClientSampleId :
SS-910

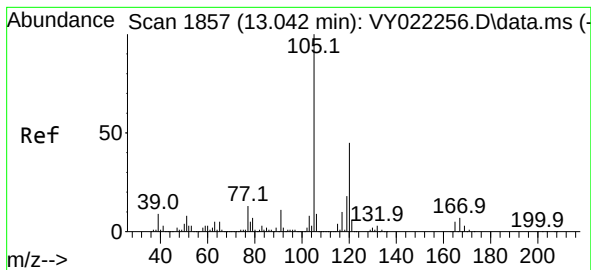
Tgt Ion: 91 Resp: 83294
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3



#80
1,3,5-Trimethylbenzene
Concen: 11.874 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

Tgt Ion: 105 Resp: 100815
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6





#84

1,2,4-Trimethylbenzene

Concen: 42.901 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022344.D

Acq: 20 May 2025 15:45

Instrument :

MSVOA_Y

ClientSampleId :

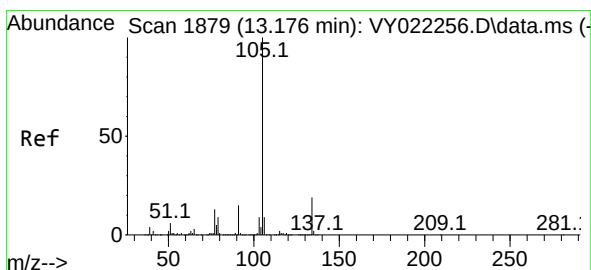
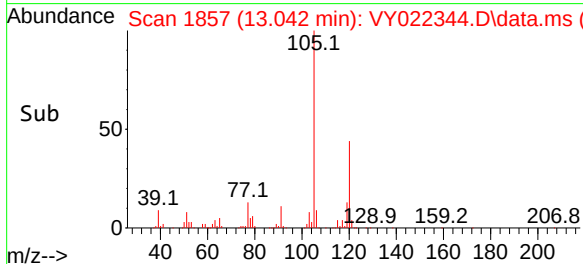
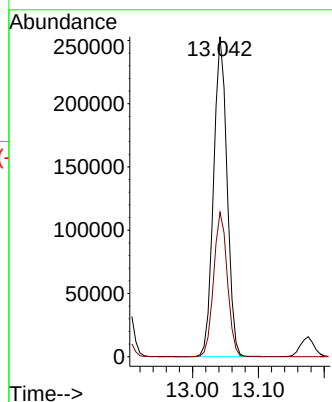
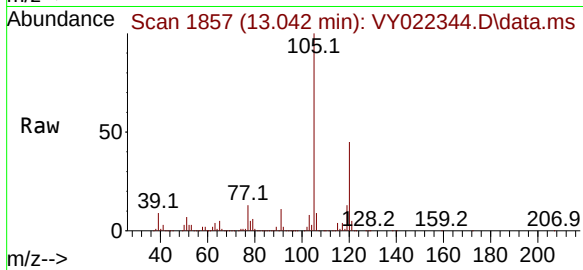
SS-910

Tgt Ion:105 Resp: 361565

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.9



#85

sec-Butylbenzene

Concen: 2.016 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022344.D

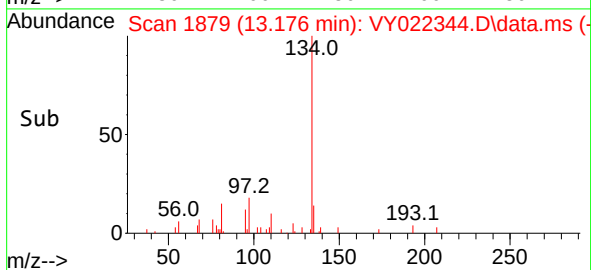
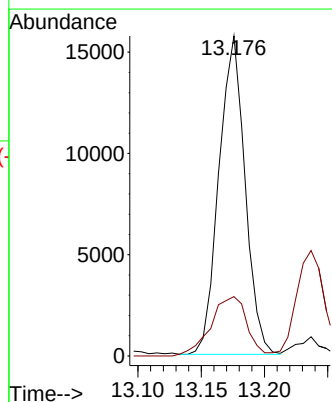
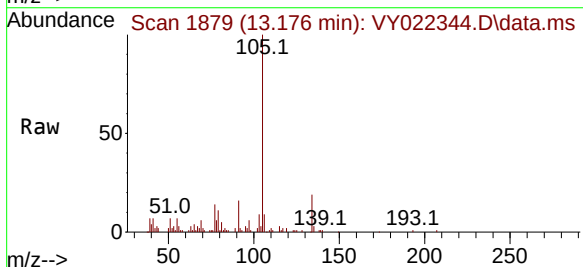
Acq: 20 May 2025 15:45

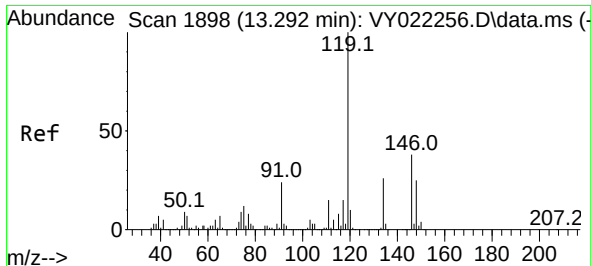
Tgt Ion:105 Resp: 22583

Ion Ratio Lower Upper

105 100

134 25.5 9.8 29.5

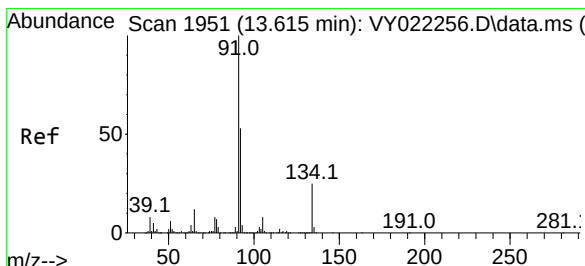
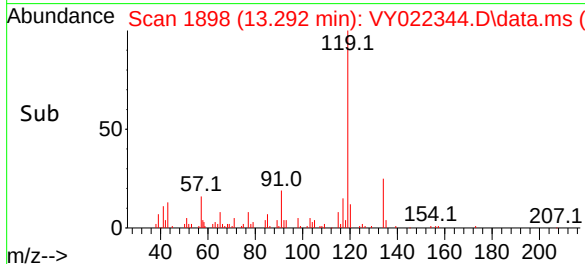
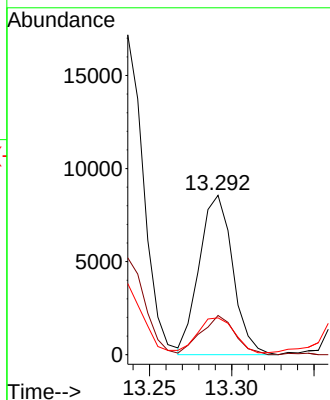
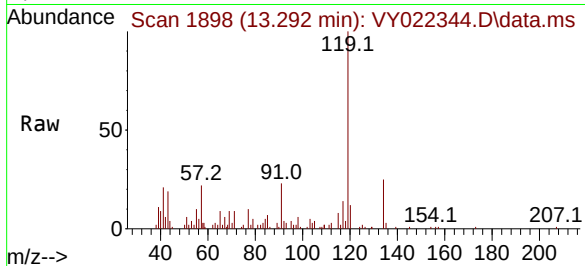




#86
p-Isopropyltoluene
Concen: 1.290 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

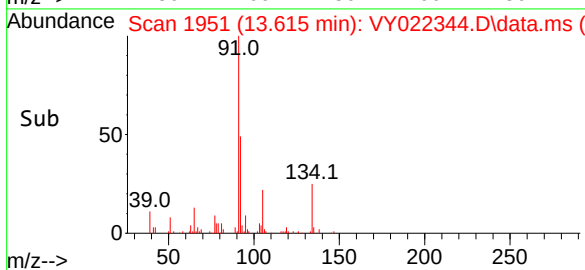
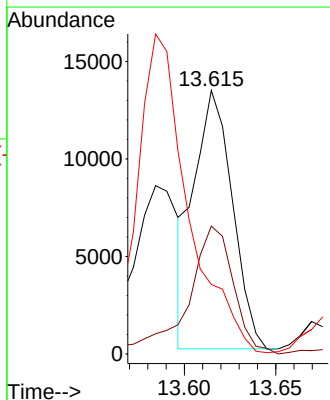
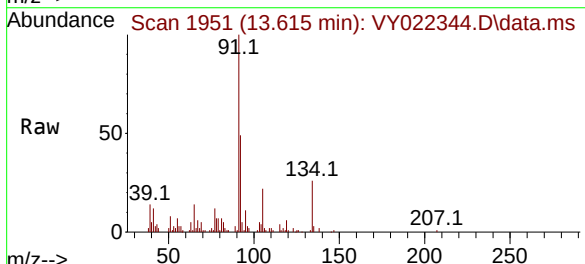
Instrument :
MSVOA_Y
ClientSampleId :
SS-910

Tgt Ion:	119	Resp:	12154
Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.9	38.6
91	23.6	12.1	36.3



#89
n-Butylbenzene
Concen: 2.174 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022344.D
Acq: 20 May 2025 15:45

Tgt Ion:	91	Resp:	19377
Ion	Ratio	Lower	Upper
91	100		
92	57.3	26.3	78.9
134	0.0	12.4	37.4



Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-11	SDG No.:	Q2075
Lab Sample ID:	Q2075-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.4
Sample Wt/Vol:	5.75 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
VY022345.D	1		05/20/25 16:09	VY052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	5.00	U	0.79	5.00	ug/Kg
108-88-3	Toluene	5.20		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	7.80		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	46.3		2.02	14.9	ug/Kg
98-82-8	Isopropylbenzene	2.10	J	0.78	5.00	ug/Kg
103-65-1	n-propylbenzene	5.40		0.73	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	9.80		0.82	5.00	ug/Kg
98-06-6	tert-Butylbenzene	5.00	U	0.67	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	40.2		0.64	5.00	ug/Kg
135-98-8	sec-Butylbenzene	1.40	J	0.66	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	5.00	U	0.62	5.00	ug/Kg
104-51-8	n-Butylbenzene	1.40	J	1.40	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.7		63 - 155	93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	48.7		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.5		38 - 136	79%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	240000	7.707			
540-36-3	1,4-Difluorobenzene	433000	8.615			
3114-55-4	Chlorobenzene-d5	346000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.346			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022345.D
 Acq On : 20 May 2025 16:09
 Operator : SY/MD
 Sample : Q2075-03
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11

Quant Time: May 21 01:51:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	239791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	432569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	345893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130644	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122461	46.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.460%
35) Dibromofluoromethane	7.634	113	125981	48.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.103	98	514605	48.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.401	95	132386	39.499	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.000%

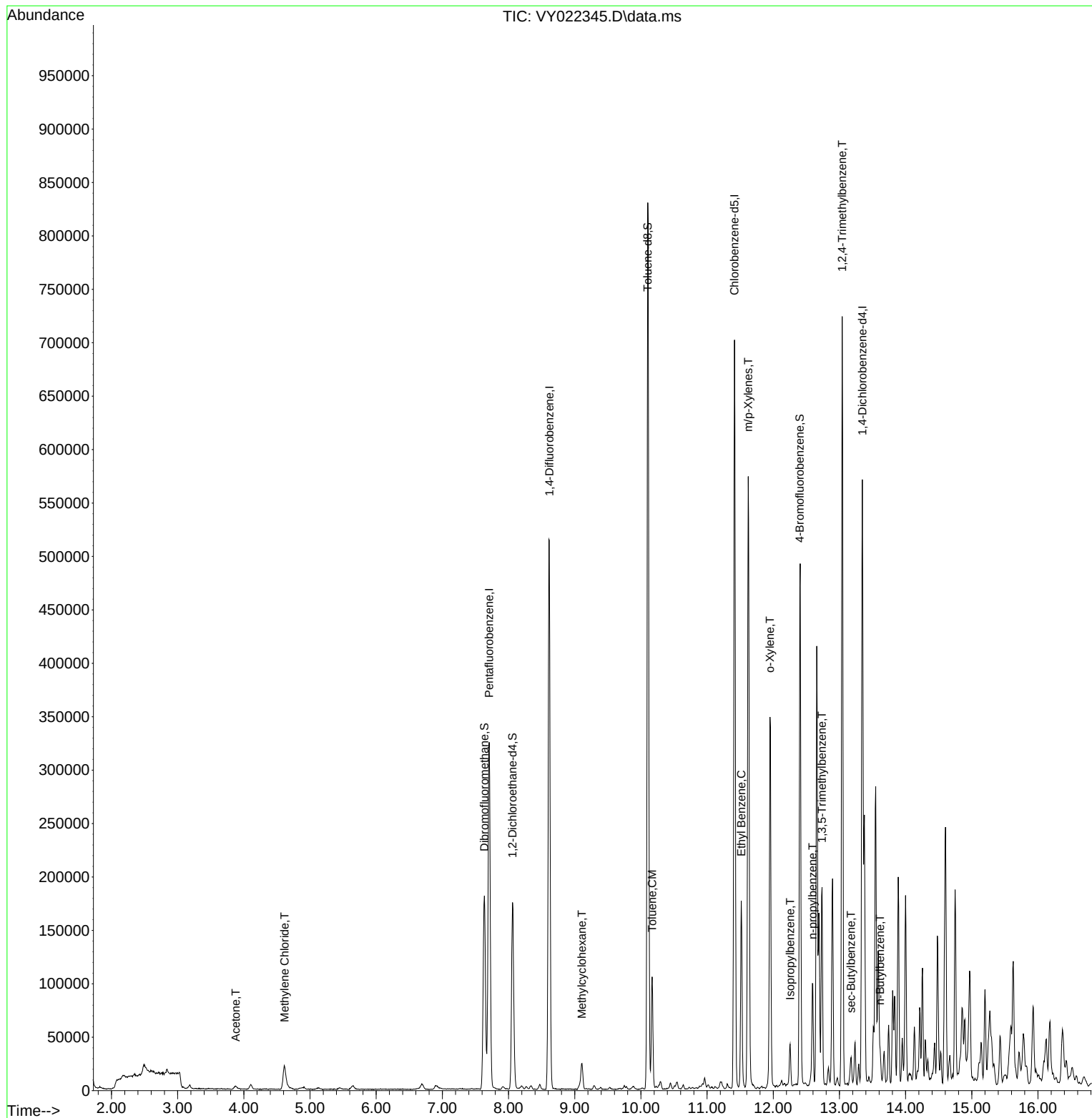
Target Compounds					Qvalue	
16) Acetone	3.879	43	5473	11.138	ug/l	# 89
20) Methylene Chloride	4.616	84	14696	4.628	ug/l	94
39) Methylcyclohexane	9.109	83	10764	1.884	ug/l	88
52) Toluene	10.170	92	42034	5.265	ug/l	98
67) Ethyl Benzene	11.517	91	114266	7.819	ug/l	100
68) m/p-Xylenes	11.621	106	163448	29.680	ug/l	96
69) o-Xylene	11.950	106	87953	16.880	ug/l	100
73) Isopropylbenzene	12.255	105	23017	2.127	ug/l	94
78) n-propylbenzene	12.596	91	70774	5.421	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	86309	9.879	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	350537	40.417	ug/l	97
85) sec-Butylbenzene	13.176	105	16558	1.436	ug/l	87
89) n-Butylbenzene	13.615	91	13194	1.439	ug/l	# 74

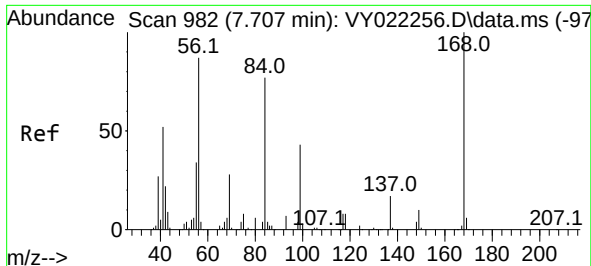
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022345.D
Acq On : 20 May 2025 16:09
Operator : SY/MD
Sample : Q2075-03
Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-11

Quant Time: May 21 01:51:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

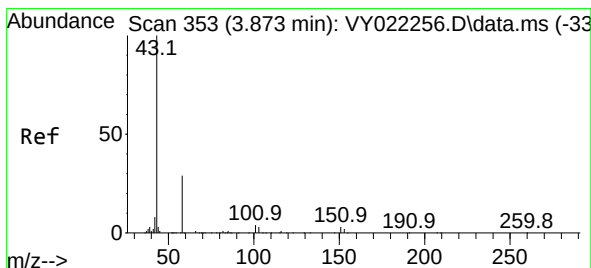
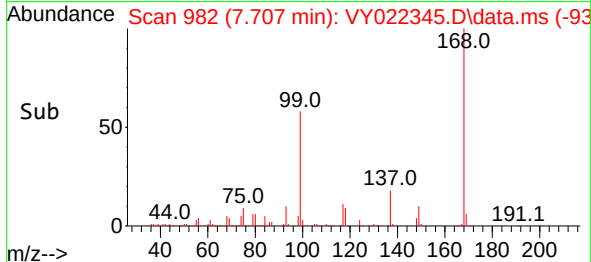
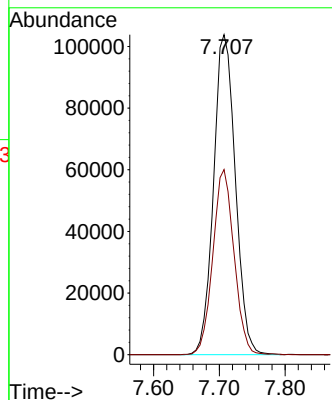
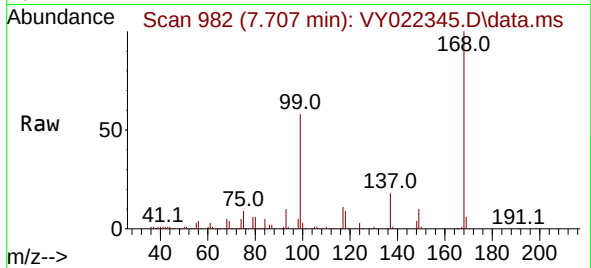




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

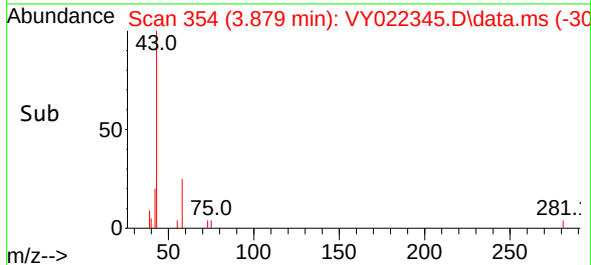
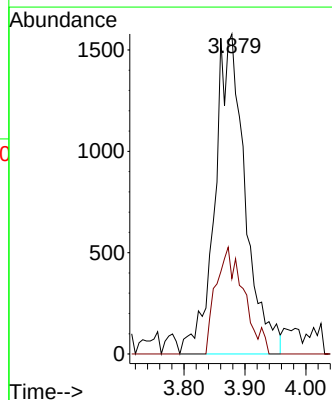
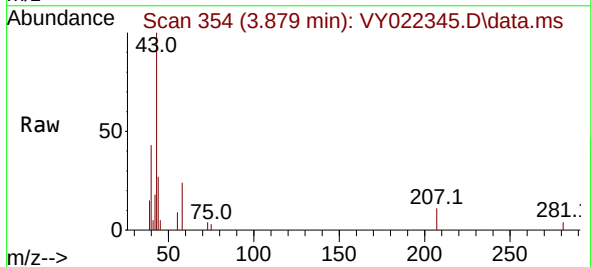
Instrument :
MSVOA_Y
ClientSampleId :
SS-11

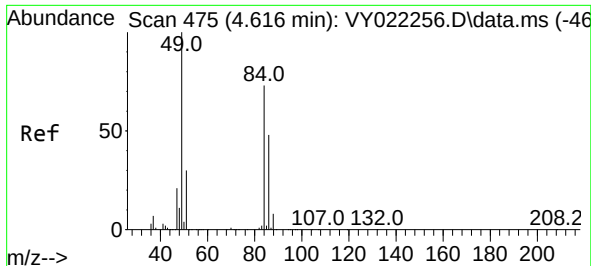
Tgt Ion:168 Resp: 239791
Ion Ratio Lower Upper
168 100
99 57.8 44.2 66.4



#16
Acetone
Concen: 11.138 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

Tgt Ion: 43 Resp: 5473
Ion Ratio Lower Upper
43 100
58 23.6 23.6 35.4#

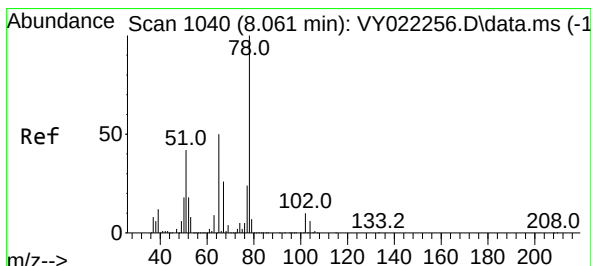
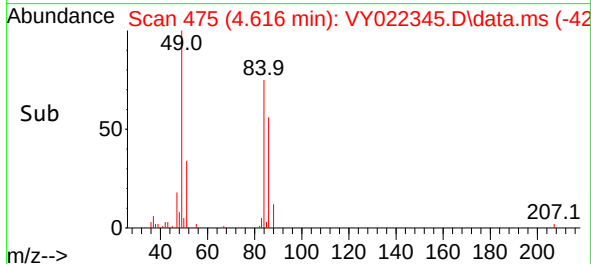
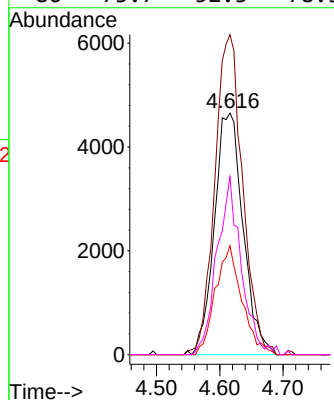
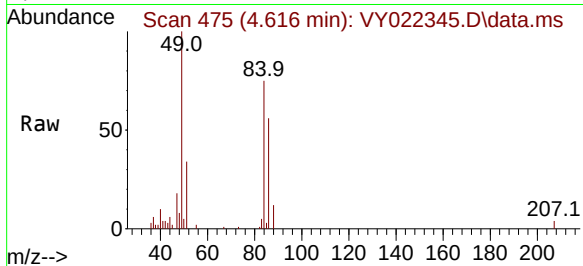




#20
Methylene Chloride
Concen: 4.628 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

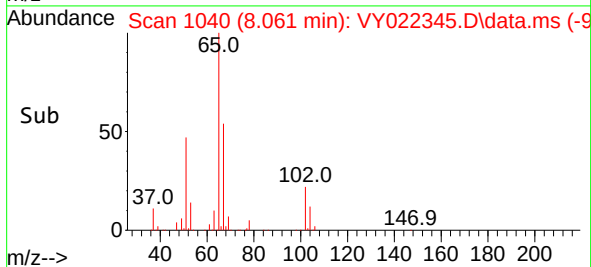
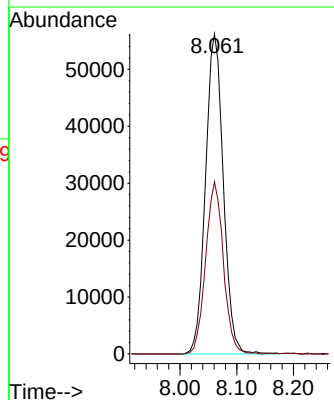
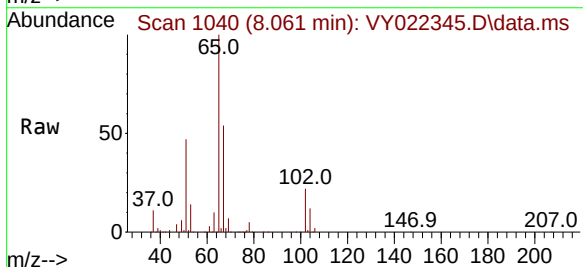
Instrument :
MSVOA_Y
ClientSampleId :
SS-11

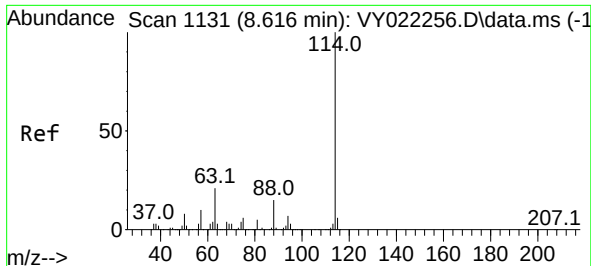
Tgt Ion:	84	Resp:	14696
Ion	Ratio	Lower	Upper
84	100		
49	132.5	109.6	164.4
51	45.1	32.4	48.6
86	73.7	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 46.729 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

Tgt Ion:	65	Resp:	122461
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	104.6

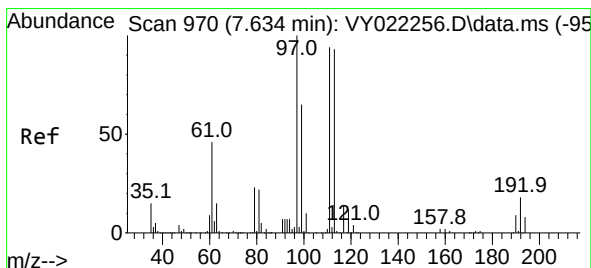
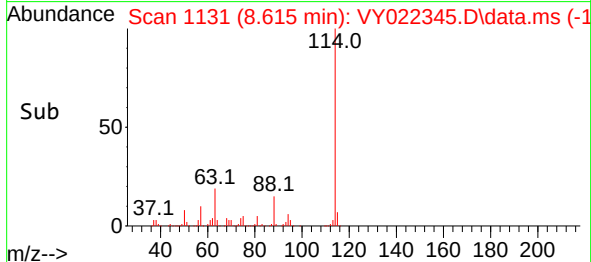
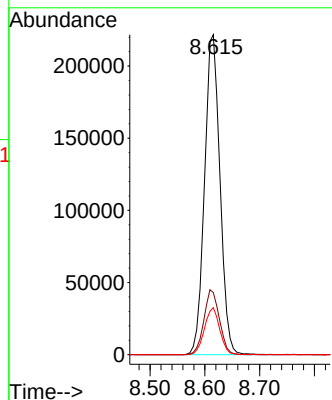
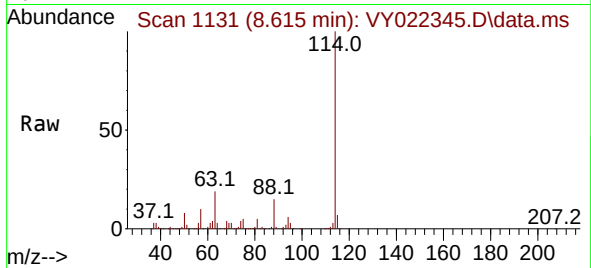




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

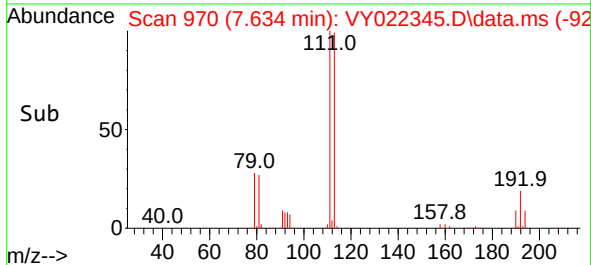
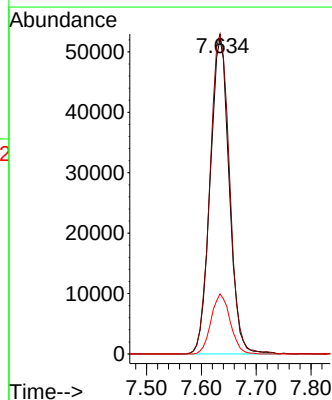
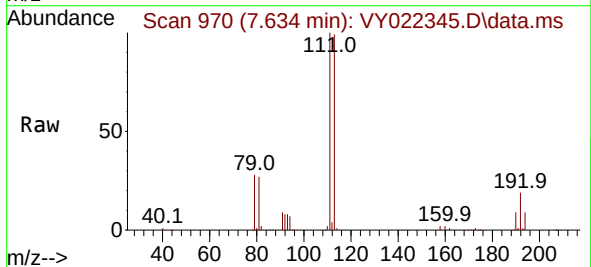
Instrument :
MSVOA_Y
ClientSampleId :
SS-11

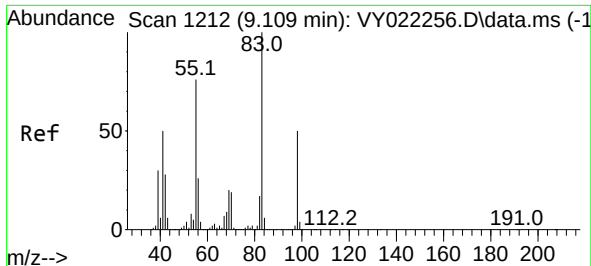
Tgt Ion:114 Resp: 432569
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.0
88 14.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.795 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

Tgt Ion:113 Resp: 125981
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 19.0 15.2 22.8





#39

Methylcyclohexane

Concen: 1.884 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022345.D

Acq: 20 May 2025 16:09

Instrument :

MSVOA_Y

ClientSampleId :

SS-11

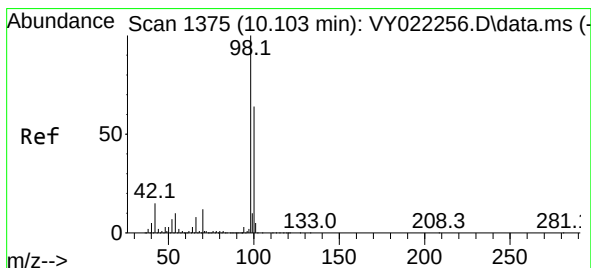
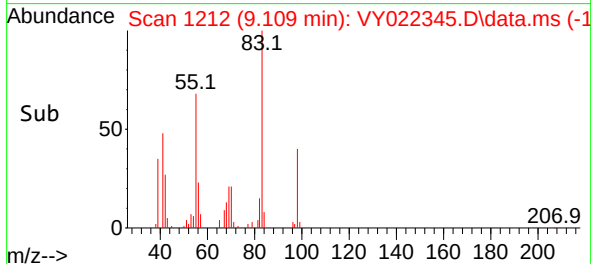
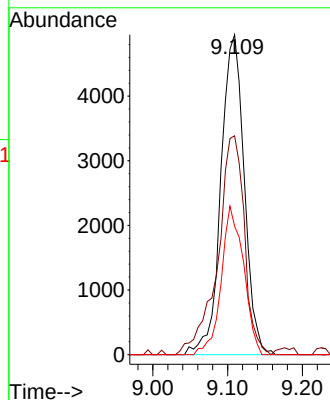
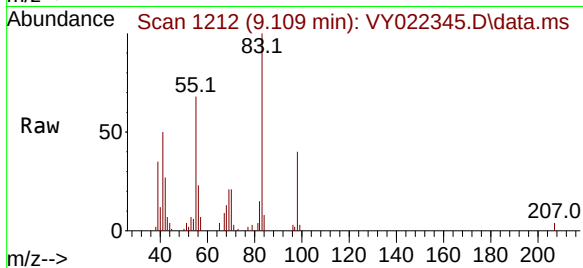
Tgt Ion: 83 Resp: 10764

Ion Ratio Lower Upper

83 100

55 67.3 60.6 90.8

98 40.1 40.0 60.0



#50

Toluene-d8

Concen: 48.667 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022345.D

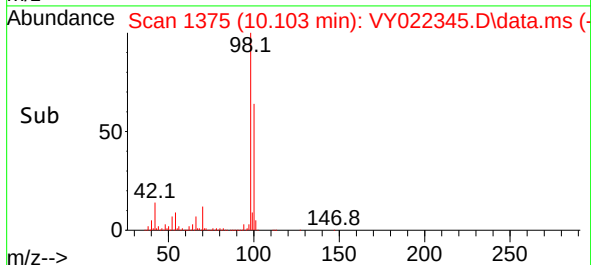
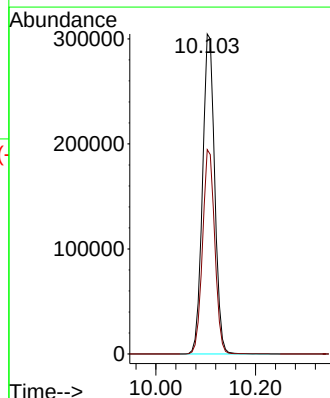
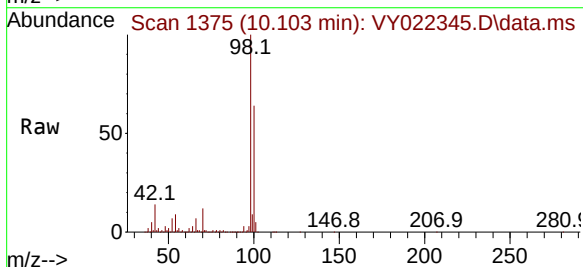
Acq: 20 May 2025 16:09

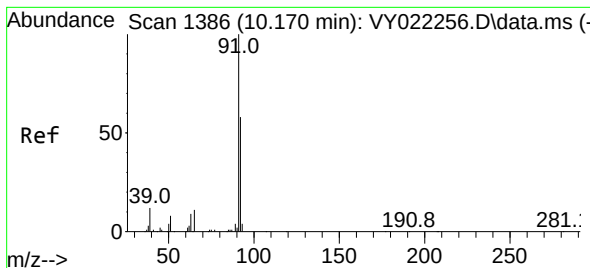
Tgt Ion: 98 Resp: 514605

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.8





#52

Toluene

Concen: 5.265 ug/l

RT: 10.170 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022345.D

Acq: 20 May 2025 16:09

Instrument :

MSVOA_Y

ClientSampleId :

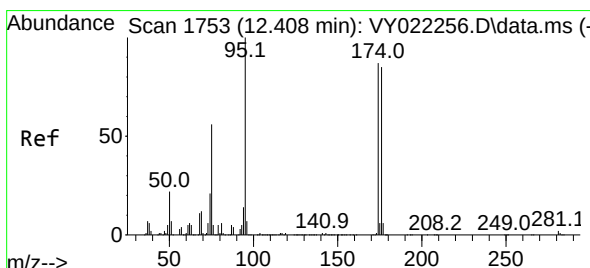
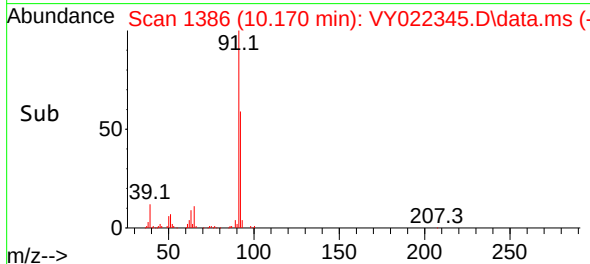
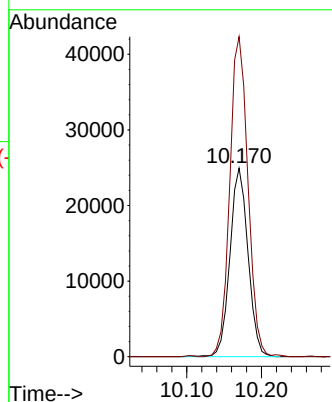
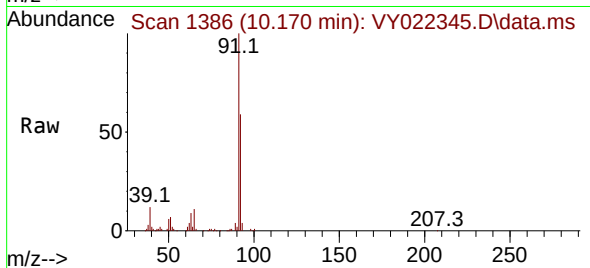
SS-11

Tgt Ion: 92 Resp: 42034

Ion Ratio Lower Upper

92 100

91 170.5 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 39.499 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY022345.D

Acq: 20 May 2025 16:09

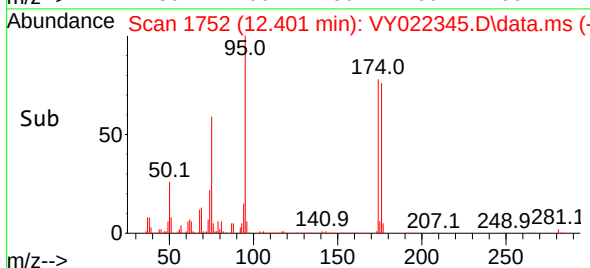
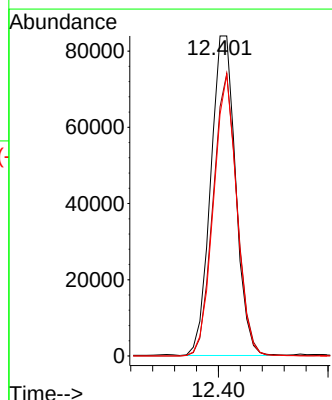
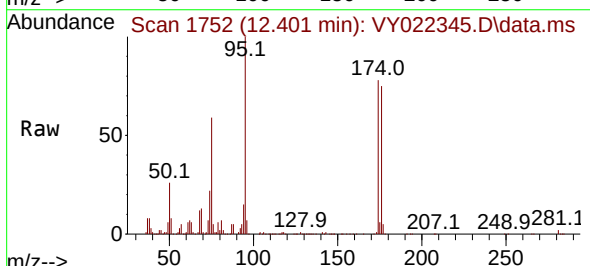
Tgt Ion: 95 Resp: 132386

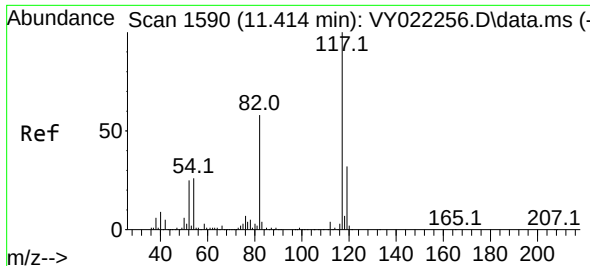
Ion Ratio Lower Upper

95 100

174 84.7 0.0 166.8

176 82.3 0.0 160.8

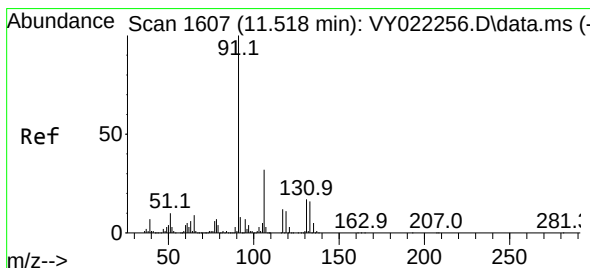
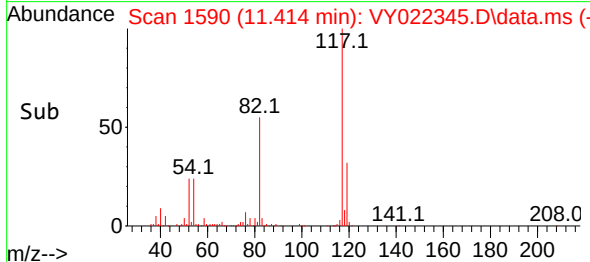
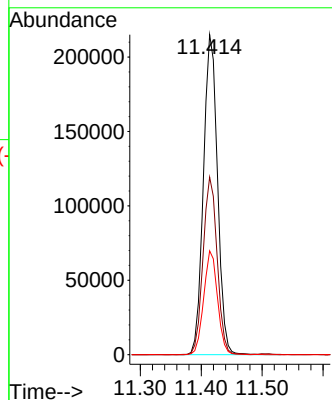
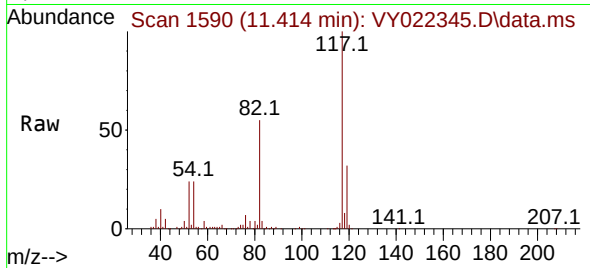




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

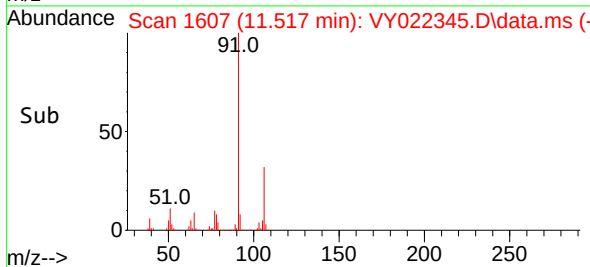
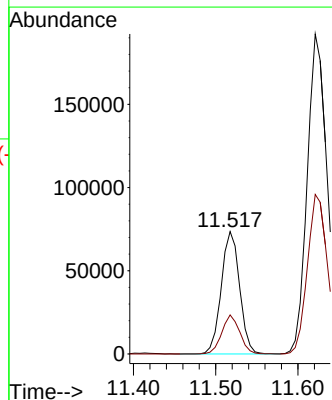
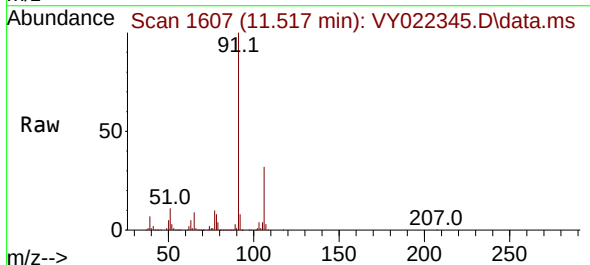
Instrument :
MSVOA_Y
ClientSampleId :
SS-11

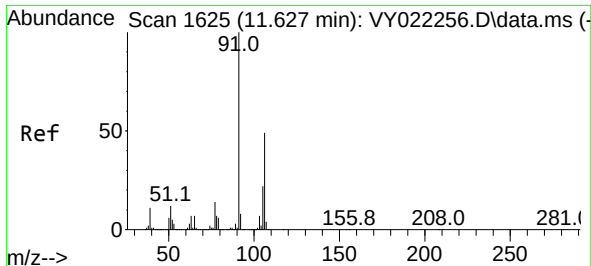
Tgt Ion:117 Resp: 345893
Ion Ratio Lower Upper
117 100
82 55.4 46.6 70.0
119 32.5 25.8 38.6



#67
Ethyl Benzene
Concen: 7.819 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

Tgt Ion: 91 Resp: 114266
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0

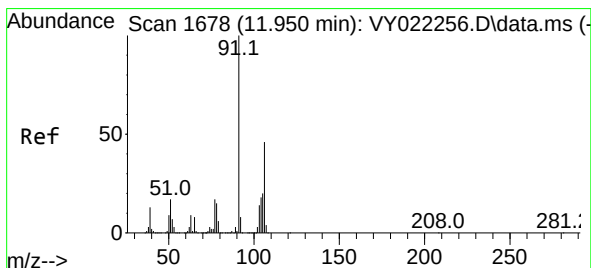
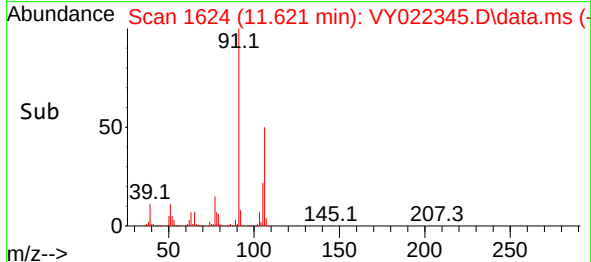
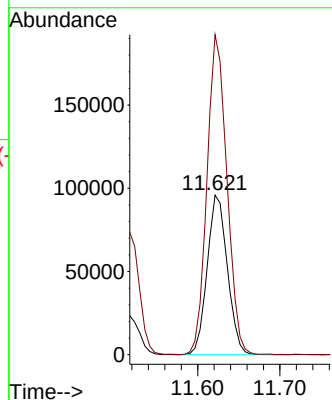
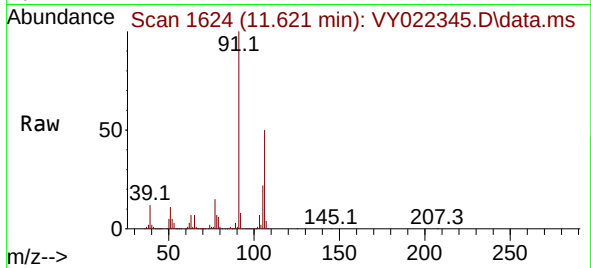




#68
m/p-Xylenes
Concen: 29.680 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

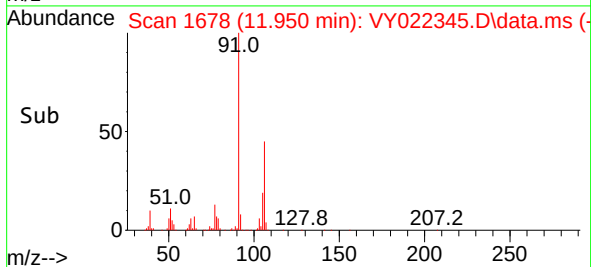
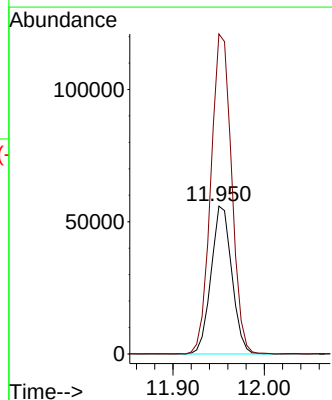
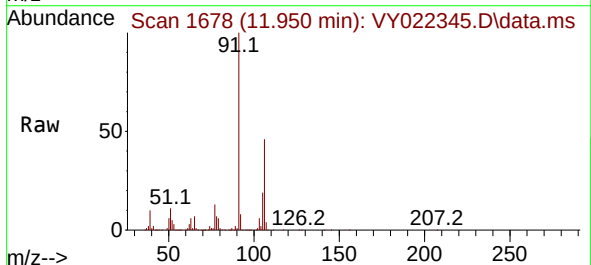
Instrument :
MSVOA_Y
ClientSampleId :
SS-11

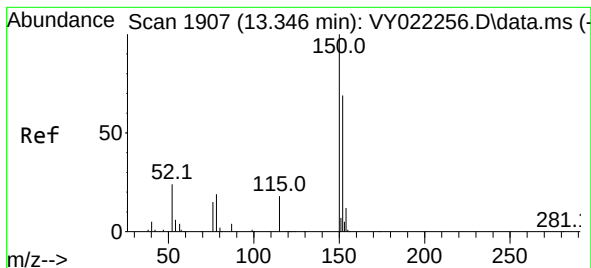
Tgt Ion:106 Resp: 163448
Ion Ratio Lower Upper
106 100
91 198.0 163.0 244.4



#69
o-Xylene
Concen: 16.880 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

Tgt Ion:106 Resp: 87953
Ion Ratio Lower Upper
106 100
91 216.9 108.3 324.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022345.D

Acq: 20 May 2025 16:09

Instrument :

MSVOA_Y

ClientSampleId :

SS-11

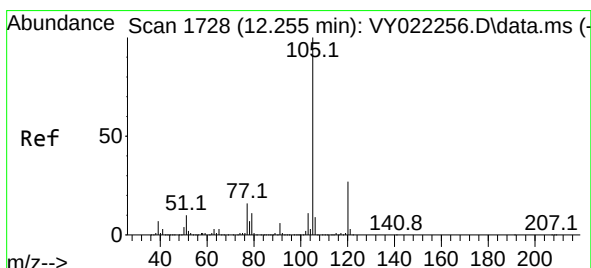
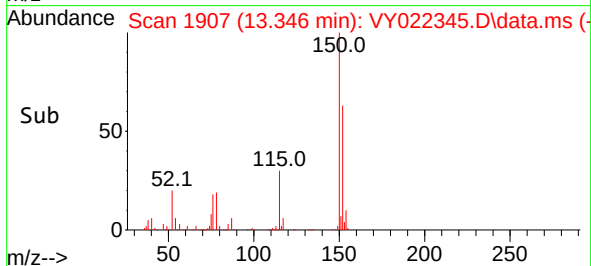
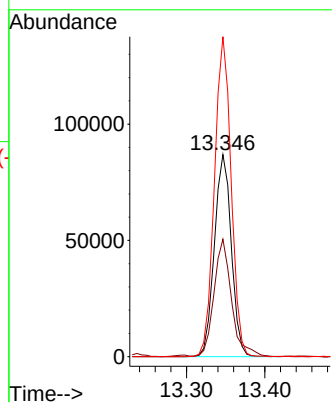
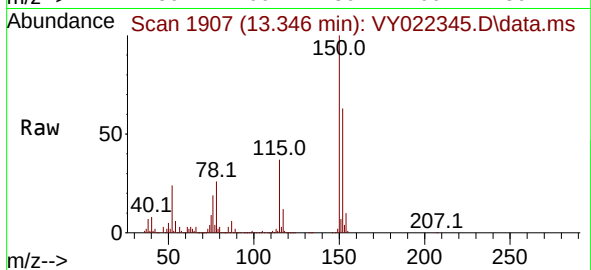
Tgt Ion:152 Resp: 130644

Ion Ratio Lower Upper

152 100

115 59.7 29.4 88.2

150 155.7 0.0 353.8



#73

Isopropylbenzene

Concen: 2.127 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022345.D

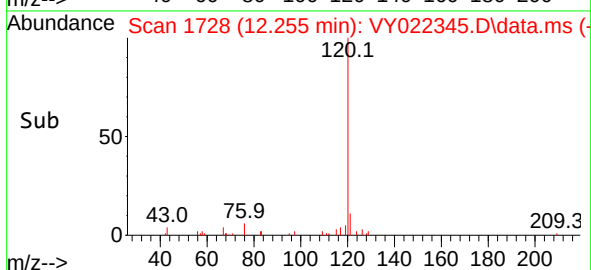
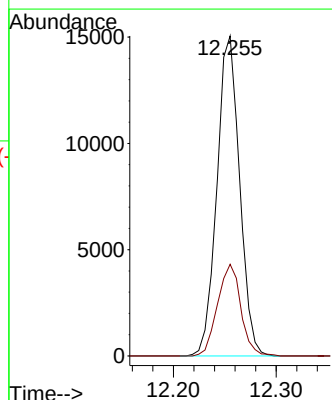
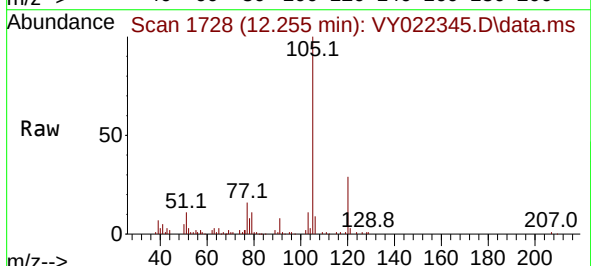
Acq: 20 May 2025 16:09

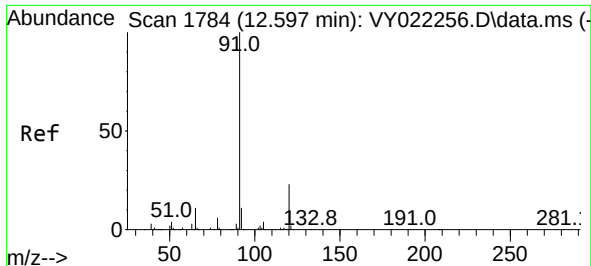
Tgt Ion:105 Resp: 23017

Ion Ratio Lower Upper

105 100

120 29.5 13.2 39.6

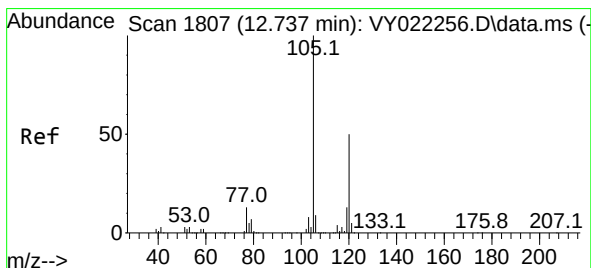
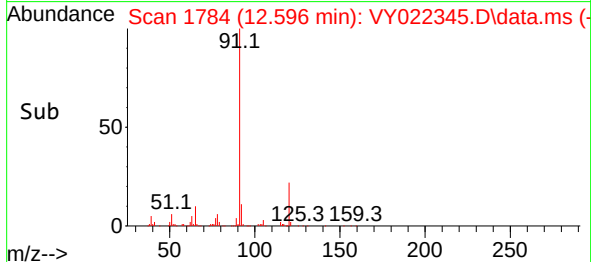
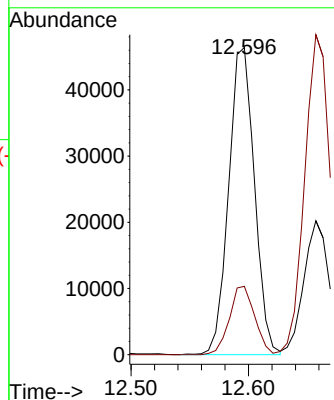
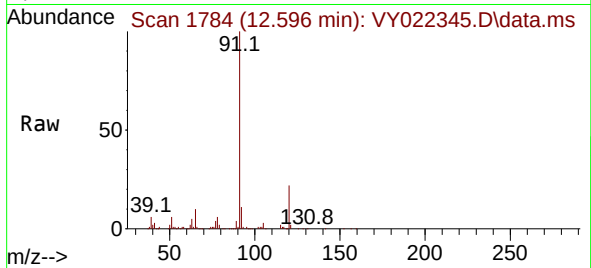




#78
n-propylbenzene
Concen: 5.421 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

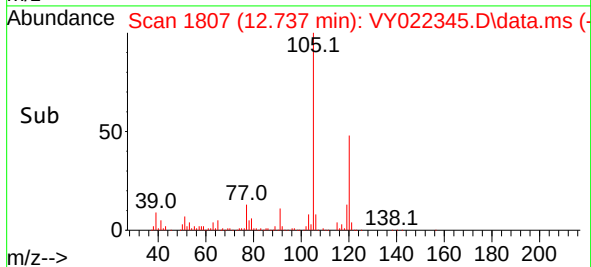
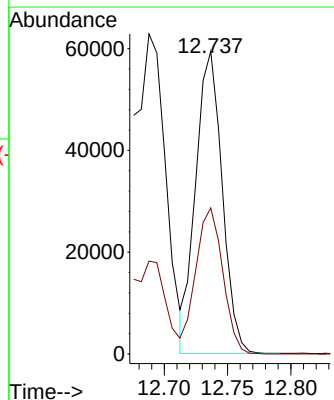
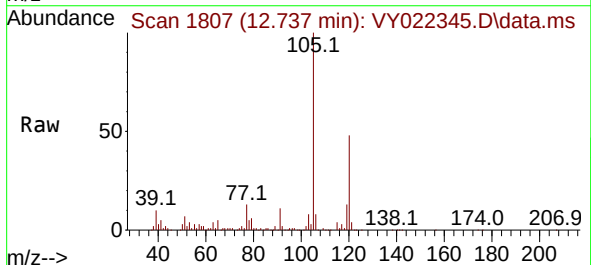
Instrument :
MSVOA_Y
ClientSampleId :
SS-11

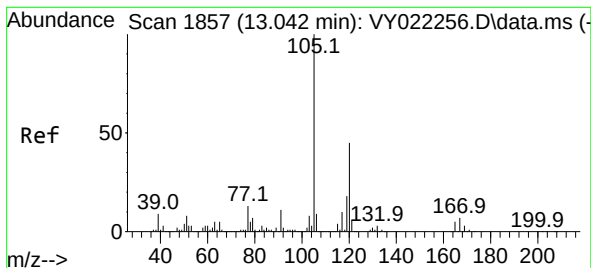
Tgt Ion: 91 Resp: 70774
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3



#80
1,3,5-Trimethylbenzene
Concen: 9.879 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022345.D
Acq: 20 May 2025 16:09

Tgt Ion: 105 Resp: 86309
Ion Ratio Lower Upper
105 100
120 49.5 24.2 72.6





#84

1,2,4-Trimethylbenzene

Concen: 40.417 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022345.D

Acq: 20 May 2025 16:09

Instrument :

MSVOA_Y

ClientSampleId :

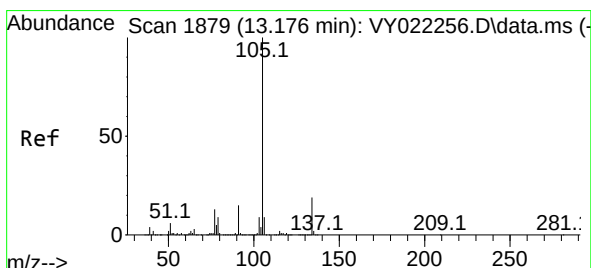
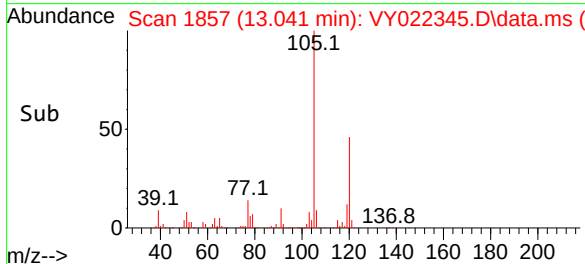
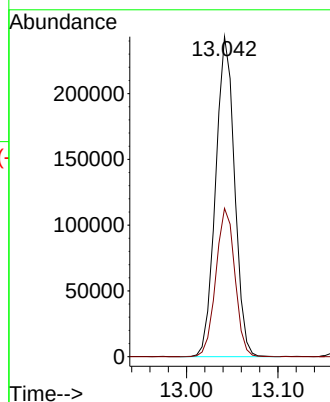
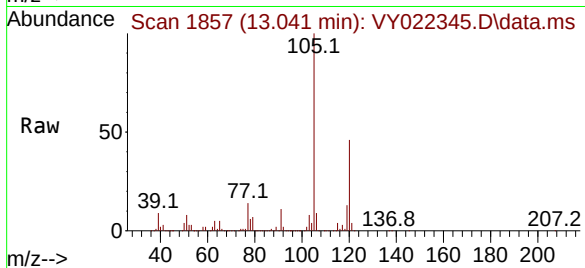
SS-11

Tgt Ion:105 Resp: 350537

Ion Ratio Lower Upper

105 100

120 46.5 22.3 66.9



#85

sec-Butylbenzene

Concen: 1.436 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022345.D

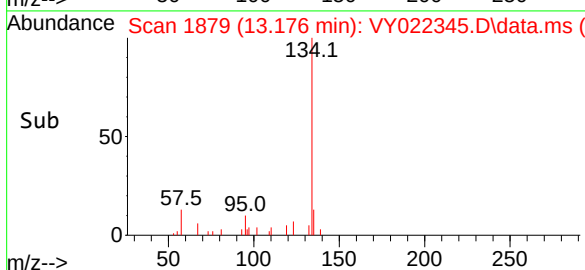
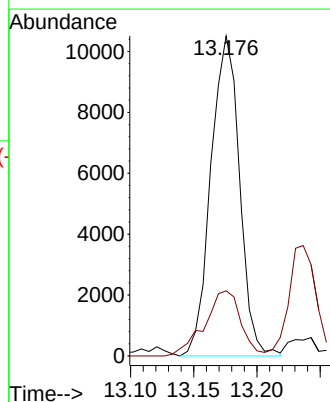
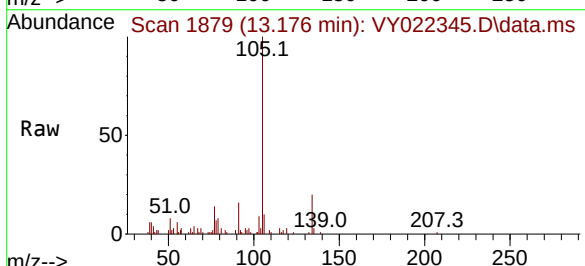
Acq: 20 May 2025 16:09

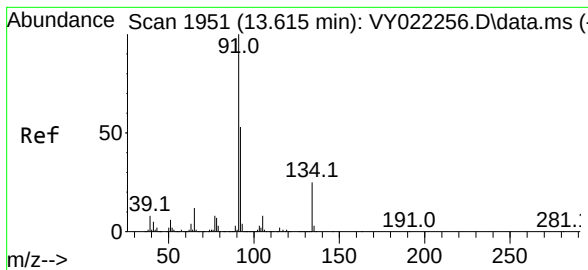
Tgt Ion:105 Resp: 16558

Ion Ratio Lower Upper

105 100

134 25.8 9.8 29.5

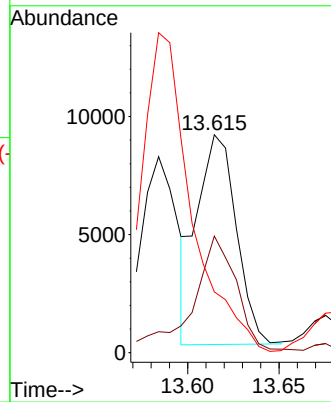
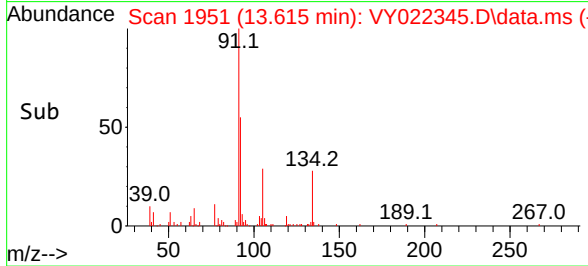
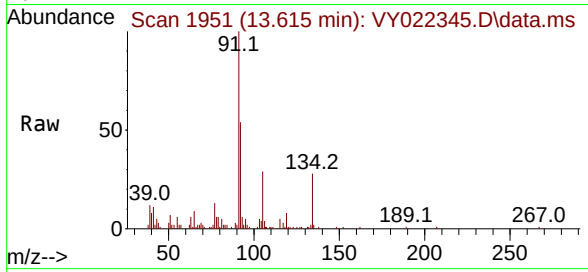




#89
 n-Butylbenzene
 Concen: 1.439 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VY022345.D
 Acq: 20 May 2025 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11

Tgt Ion:	91	Resp:	13194
Ion	Ratio	Lower	Upper
91	100		
92	62.9	26.3	78.9
134	0.0	12.4	37.4#



Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-MW1-11.5	SDG No.:	Q2075
Lab Sample ID:	Q2075-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91
Sample Wt/Vol:	7.04 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
VY022403.D	1		05/22/25 18:03	VY052225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	9.40		0.62	3.90	ug/Kg
108-88-3	Toluene	44.7		0.61	3.90	ug/Kg
100-41-4	Ethyl Benzene	18.9		0.52	3.90	ug/Kg
1330-20-7	Total Xylenes	1510	E	1.61	11.7	ug/Kg
98-82-8	Isopropylbenzene	40.5		0.61	3.90	ug/Kg
103-65-1	n-propylbenzene	56.3		0.57	3.90	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	770	E	0.64	3.90	ug/Kg
98-06-6	tert-Butylbenzene	3.90	U	0.52	3.90	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	740	E	0.50	3.90	ug/Kg
135-98-8	sec-Butylbenzene	66.3		0.52	3.90	ug/Kg
99-87-6	p-Isopropyltoluene	52.3		0.48	3.90	ug/Kg
104-51-8	n-Butylbenzene	71.9		1.10	3.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.5		63 - 155	89%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	55.4		74 - 123	111%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		38 - 136	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	235000	7.719			
540-36-3	1,4-Difluorobenzene	408000	8.622			
3114-55-4	Chlorobenzene-d5	331000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	156000	13.353			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022403.D
 Acq On : 22 May 2025 18:03
 Operator : SY/MD
 Sample : Q2075-06
 Misc : 7.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-MW1-11.5

Quant Time: May 23 03:41:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

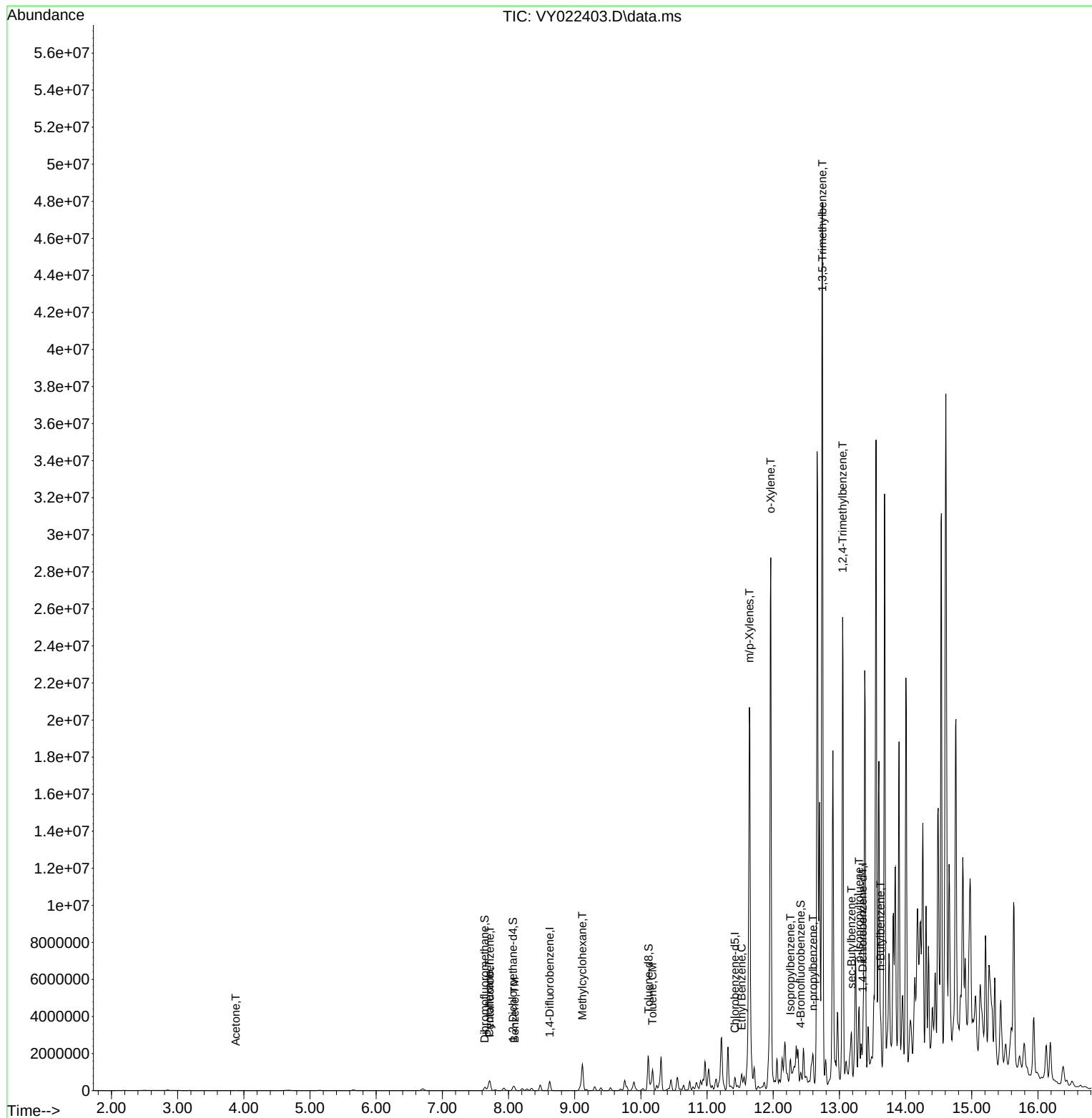
Internal Standards						
1) Pentafluorobenzene	7.719	168	234597	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	407953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	330547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	155760	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	114168	44.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.060%
35) Dibromofluoromethane	7.640	113	122758	50.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.840%
50) Toluene-d8	10.115	98	552290	55.382	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.760%
62) 4-Bromofluorobenzene	12.414	95	157590	49.856	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.720%
Target Compounds						
						Qvalue
16) Acetone	3.879	43	7070	14.706	ug/l	93
31) Cyclohexane	7.707	56	130694	25.198	ug/l	96
39) Methylcyclohexane	9.116	83	577391	107.159	ug/l	95
40) Benzene	8.091	78	142995	12.027	ug/l	99
52) Toluene	10.176	92	431499	57.313	ug/l	100
67) Ethyl Benzene	11.524	91	337502	24.165	ug/l	100
68) m/p-Xylenes	11.640	106	3697162	702.518	ug/l	93
69) o-Xylene	11.963	106	6111078	1227.325	ug/l	83
73) Isopropylbenzene	12.261	105	670113	51.931	ug/l	100
78) n-propylbenzene	12.603	91	1121922	72.082	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	10325259	991.235	ug/l	92
84) 1,2,4-Trimethylbenzene	13.048	105	9807116	948.437	ug/l	91
85) sec-Butylbenzene	13.182	105	1168163	84.998	ug/l	87
86) p-Isopropyltoluene	13.298	119	774515	67.007	ug/l	98
89) n-Butylbenzene	13.621	91	1007822	92.163	ug/l	# 66

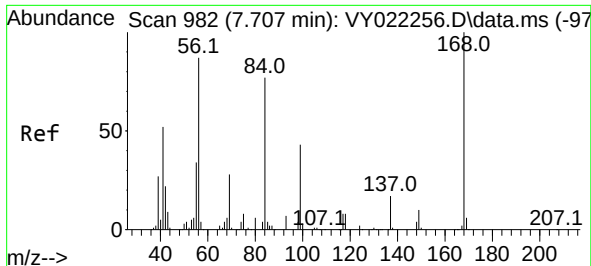
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
Data File : VY022403.D
Acq On : 22 May 2025 18:03
Operator : SY/MD
Sample : Q2075-06
Misc : 7.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-MW1-11.5

Quant Time: May 23 03:41:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

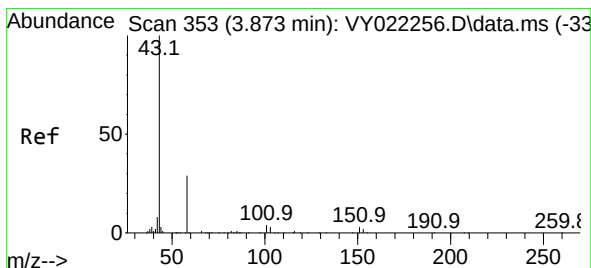
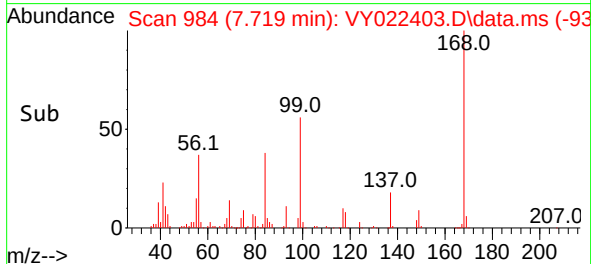
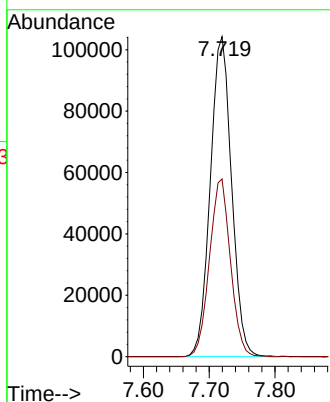
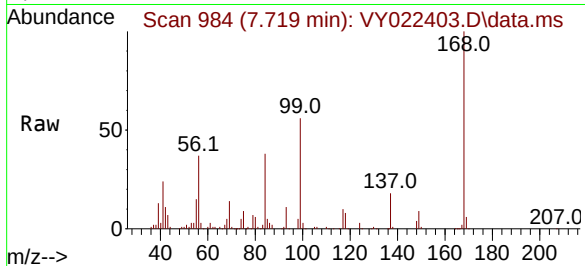




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

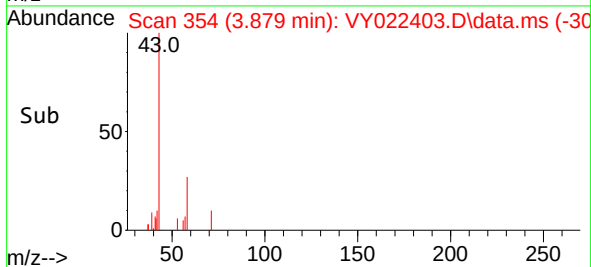
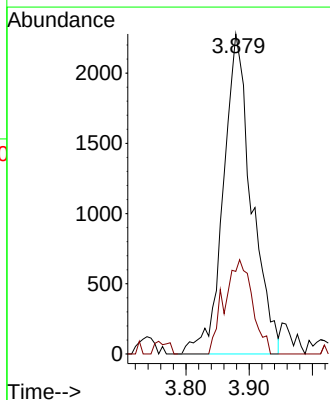
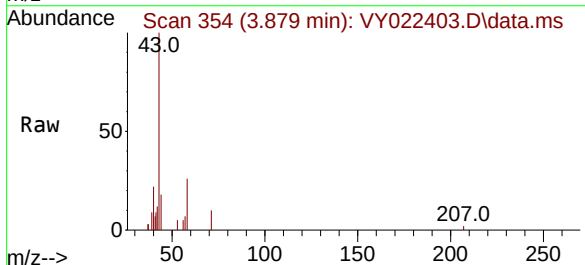
Instrument :
MSVOA_Y
ClientSampleId :
SS-MW1-11.5

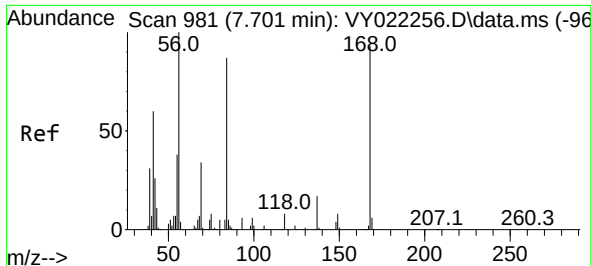
Tgt Ion:168 Resp: 234597
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#16
Acetone
Concen: 14.706 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

Tgt Ion: 43 Resp: 7070
Ion Ratio Lower Upper
43 100
58 25.8 23.6 35.4

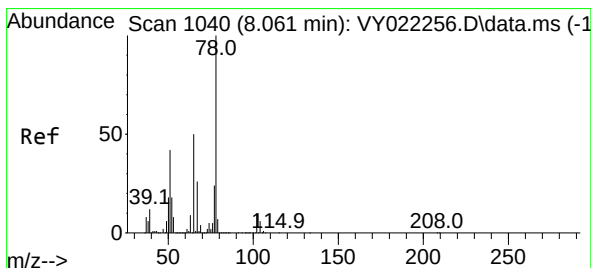
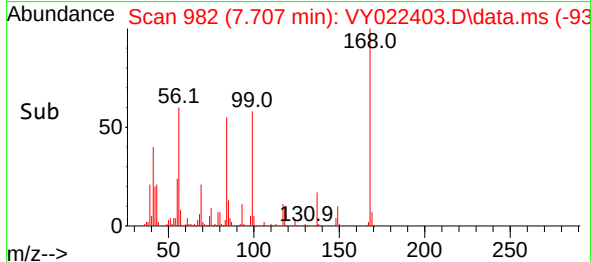
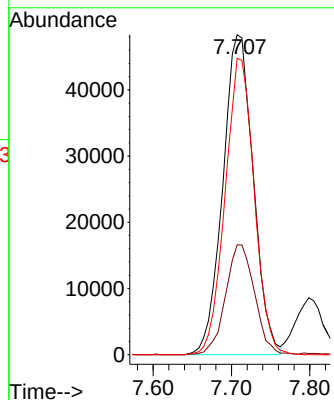
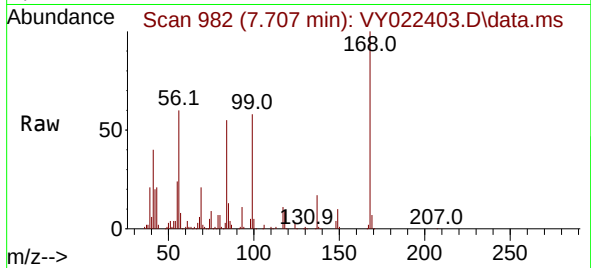




#31
Cyclohexane
Concen: 25.198 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

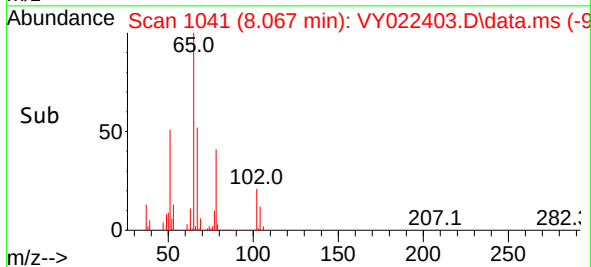
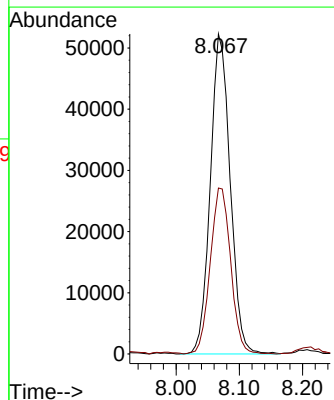
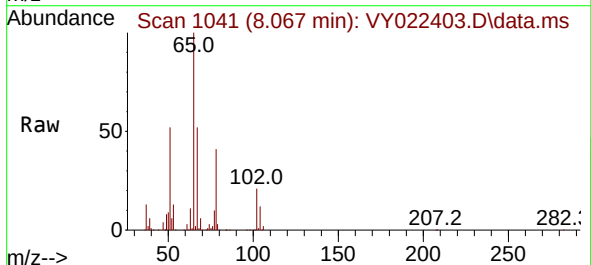
Instrument :
MSVOA_Y
ClientSampleId :
SS-MW1-11.5

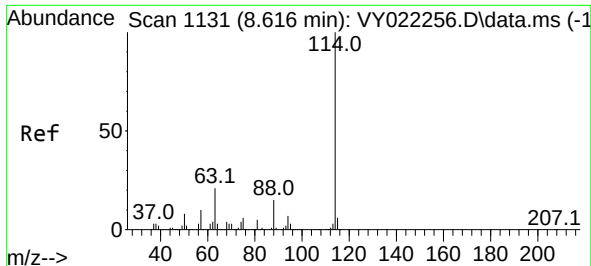
Tgt Ion: 56 Resp: 130694
Ion Ratio Lower Upper
56 100
69 34.4 27.4 41.2
84 92.6 70.0 105.0



#33
1,2-Dichloroethane-d4
Concen: 44.529 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

Tgt Ion: 65 Resp: 114168
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.6

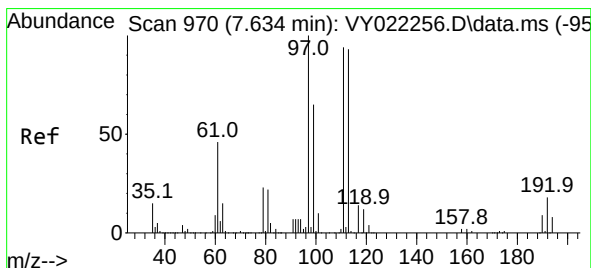
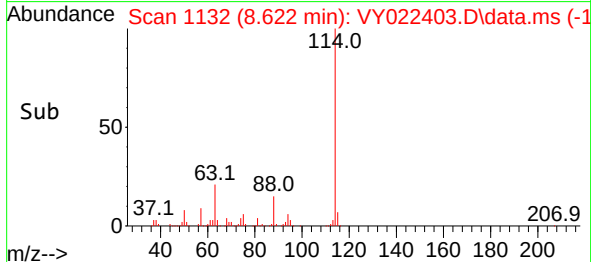
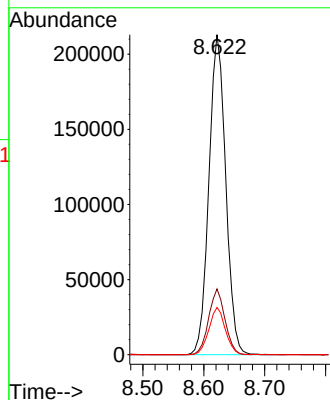
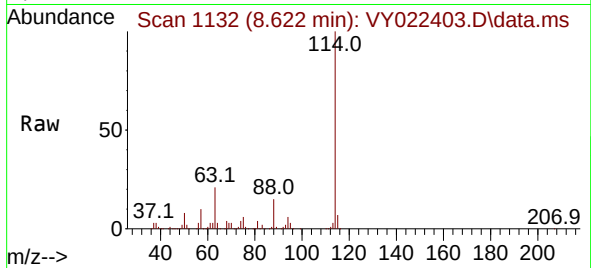




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

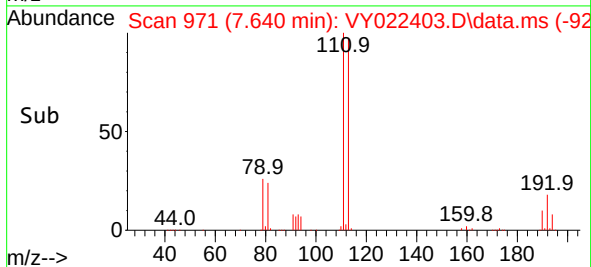
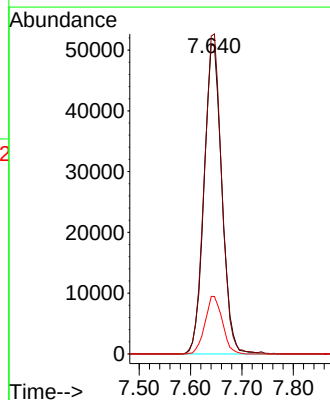
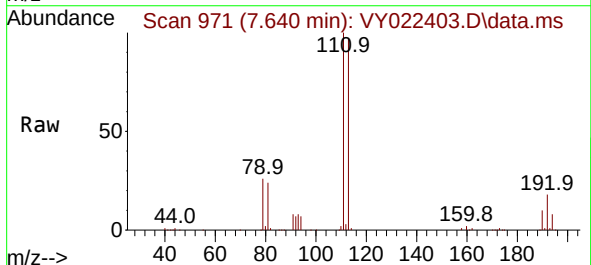
Instrument :
MSVOA_Y
ClientSampleId :
SS-MW1-11.5

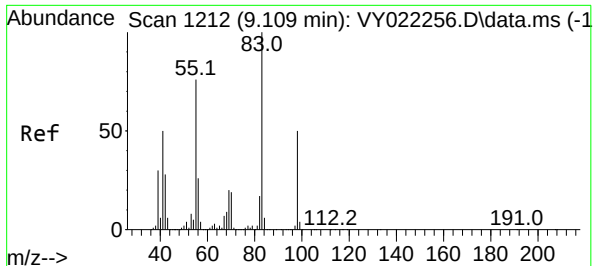
Tgt Ion:114 Resp: 407953
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.0
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 50.416 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

Tgt Ion:113 Resp: 122758
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 18.1 15.2 22.8





#39

Methylcyclohexane

Concen: 107.159 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022403.D

Acq: 22 May 2025 18:03

Instrument :

MSVOA_Y

ClientSampleId :

SS-MW1-11.5

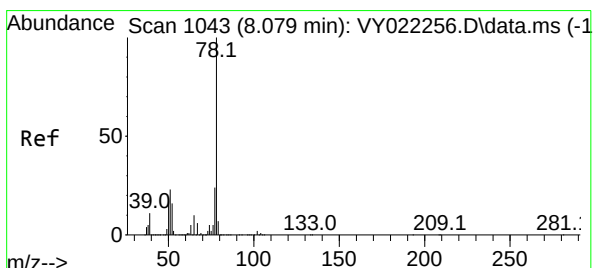
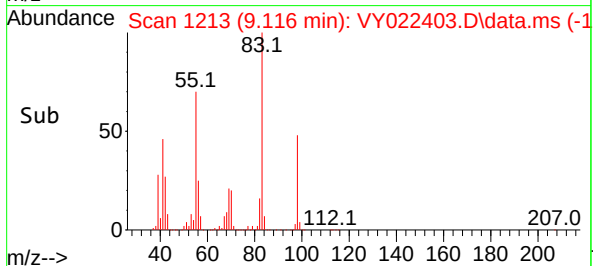
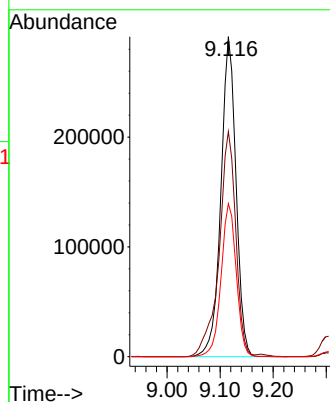
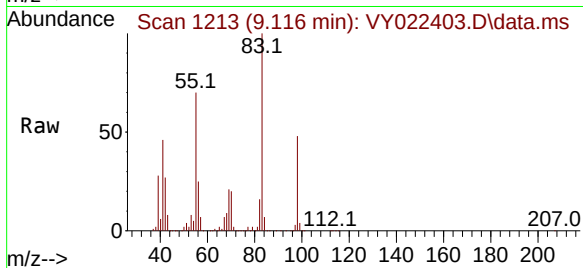
Tgt Ion: 83 Resp: 577391

Ion Ratio Lower Upper

83 100

55 70.3 60.6 90.8

98 47.8 40.0 60.0



#40

Benzene

Concen: 12.027 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY022403.D

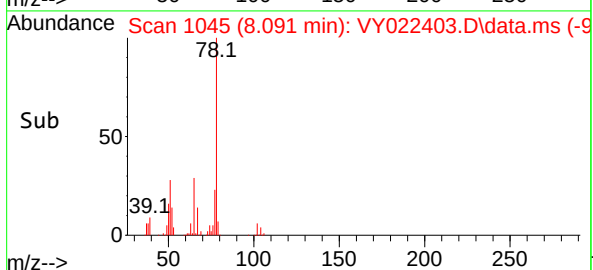
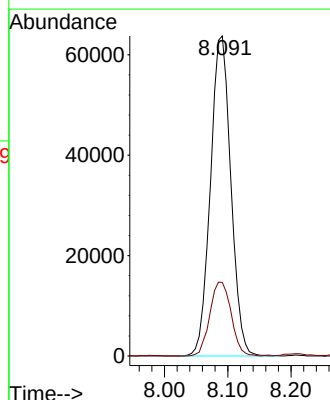
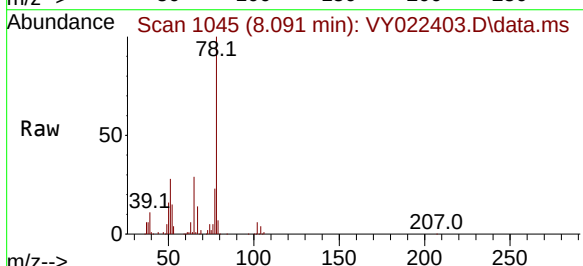
Acq: 22 May 2025 18:03

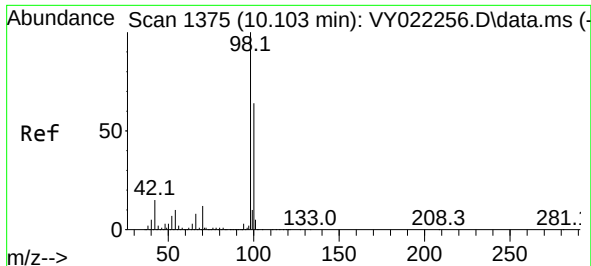
Tgt Ion: 78 Resp: 142995

Ion Ratio Lower Upper

78 100

77 23.0 18.9 28.3

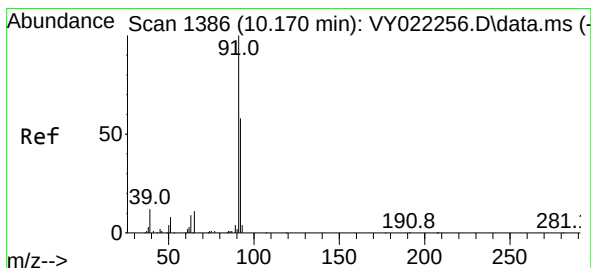
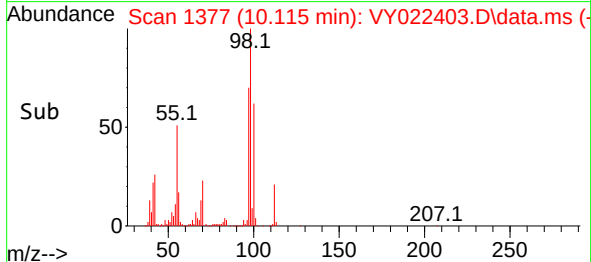
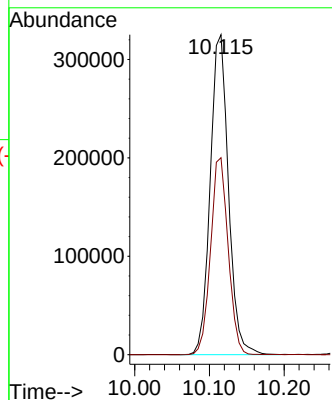
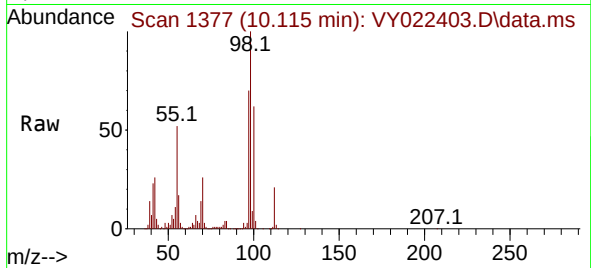




#50
Toluene-d8
Concen: 55.382 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

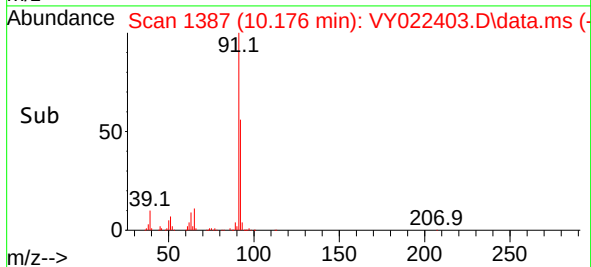
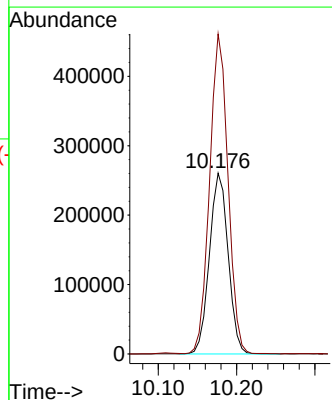
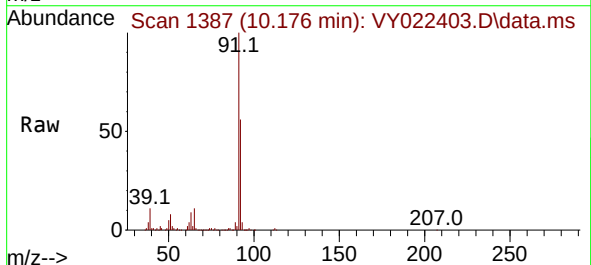
Instrument :
MSVOA_Y
ClientSampleId :
SS-MW1-11.5

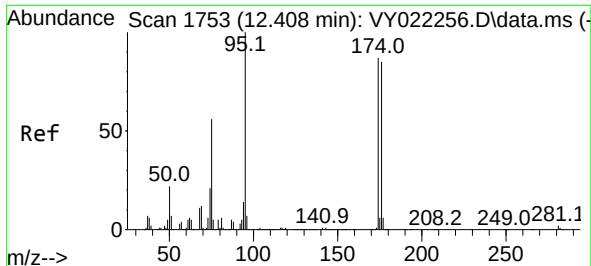
Tgt Ion: 98 Resp: 552290
Ion Ratio Lower Upper
98 100
100 59.4 51.8 77.8



#52
Toluene
Concen: 57.313 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

Tgt Ion: 92 Resp: 431499
Ion Ratio Lower Upper
92 100
91 173.6 139.1 208.7

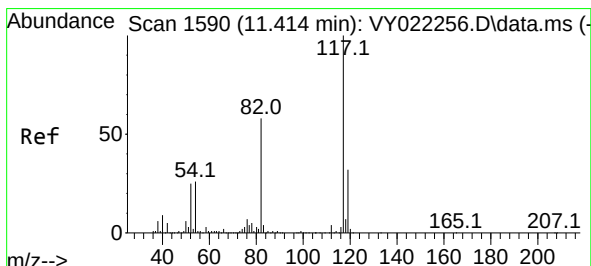
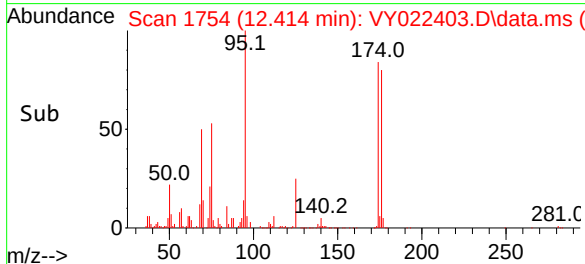
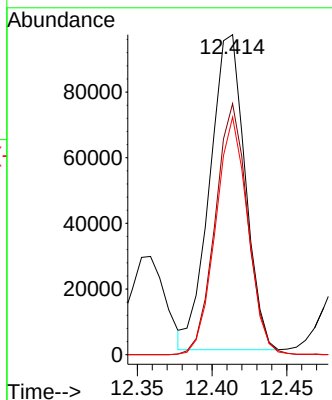
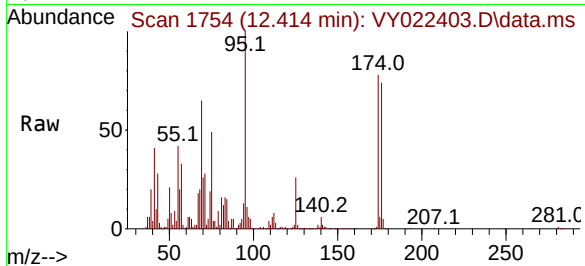




#62
4-Bromofluorobenzene
Concen: 49.856 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

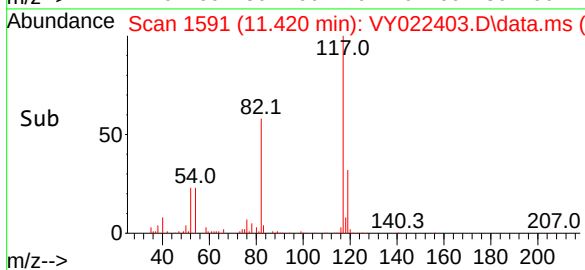
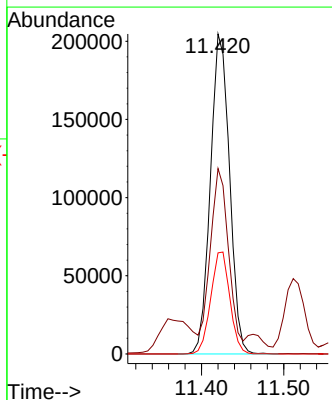
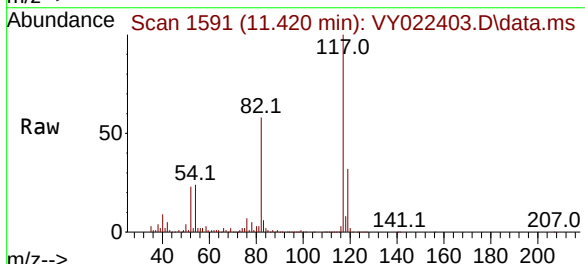
Instrument :
MSVOA_Y
ClientSampleId :
SS-MW1-11.5

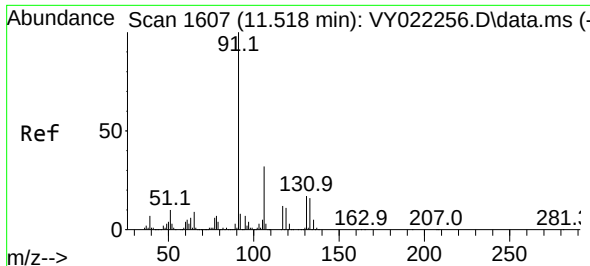
Tgt Ion: 95 Resp: 157590
Ion Ratio Lower Upper
95 100
174 73.1 0.0 166.8
176 68.8 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

Tgt Ion: 117 Resp: 330547
Ion Ratio Lower Upper
117 100
82 53.1 46.6 70.0
119 31.6 25.8 38.6





#67

Ethyl Benzene

Concen: 24.165 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022403.D

Acq: 22 May 2025 18:03

Instrument :

MSVOA_Y

ClientSampleId :

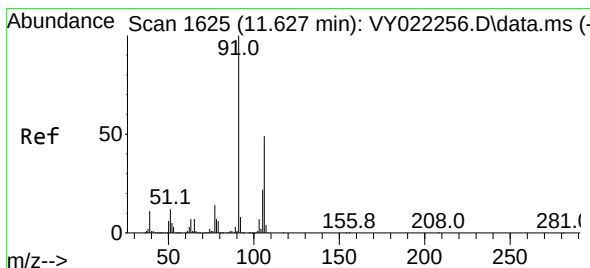
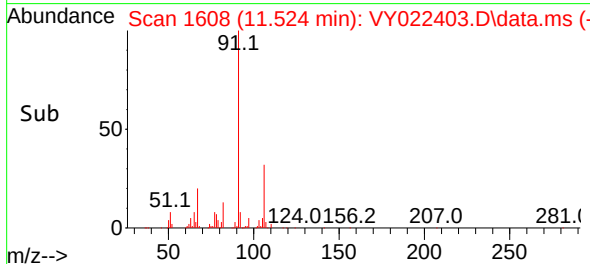
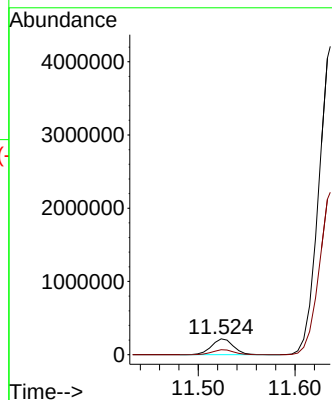
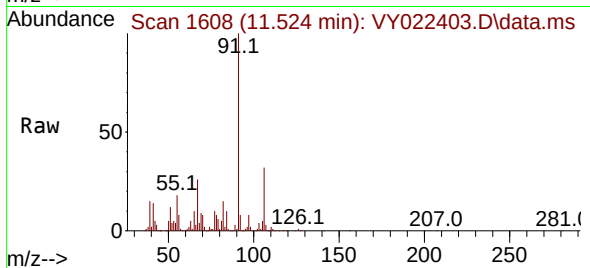
SS-MW1-11.5

Tgt Ion: 91 Resp: 337502

Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0



#68

m/p-Xylenes

Concen: 702.518 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.012 min

Lab File: VY022403.D

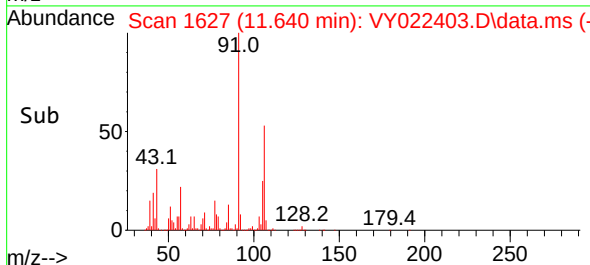
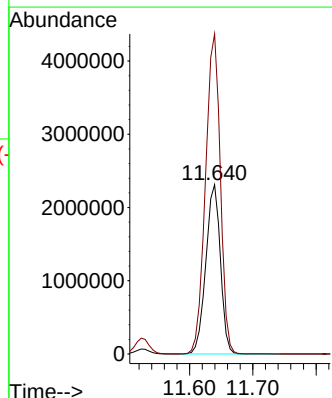
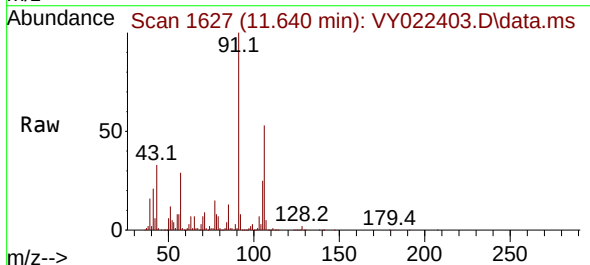
Acq: 22 May 2025 18:03

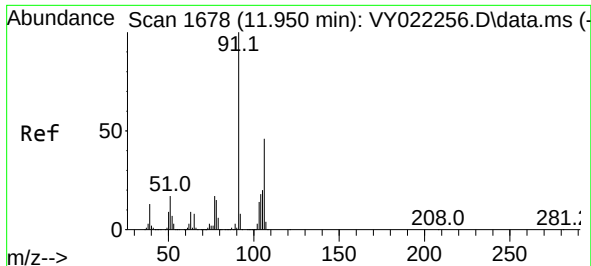
Tgt Ion: 106 Resp: 3697162

Ion Ratio Lower Upper

106 100

91 192.9 163.0 244.4

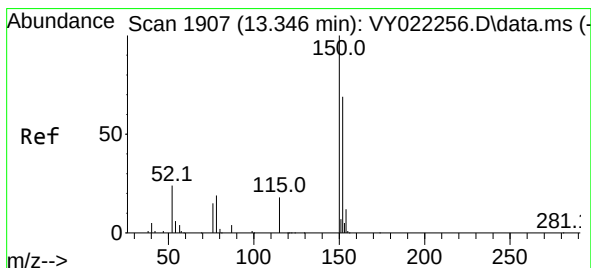
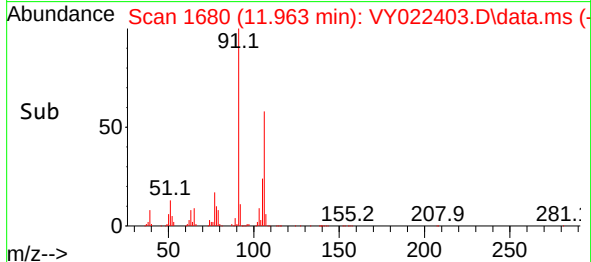
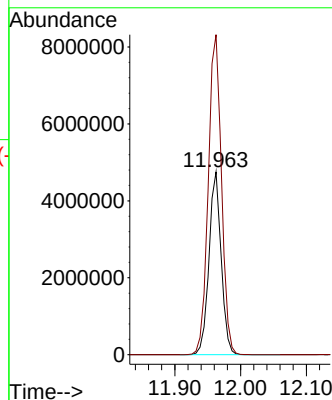
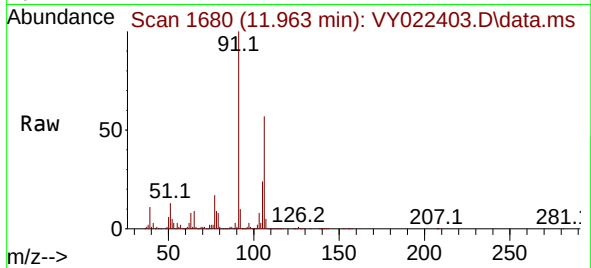




#69
o-Xylene
Concen: 1227.325 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

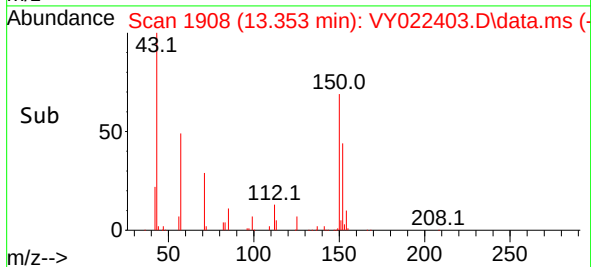
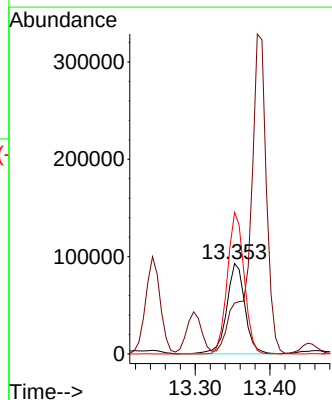
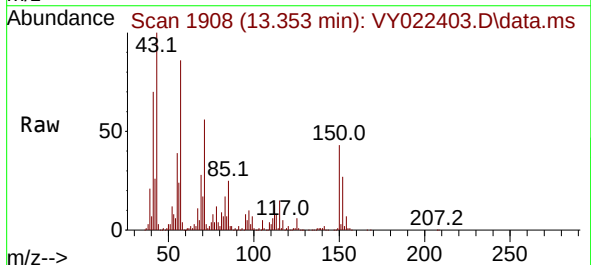
Instrument :
MSVOA_Y
ClientSampleId :
SS-MW1-11.5

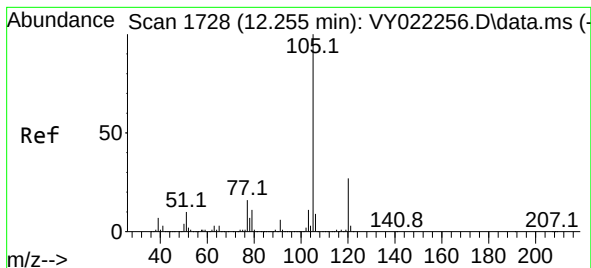
Tgt Ion:106 Resp: 6111078
Ion Ratio Lower Upper
106 100
91 190.2 108.3 324.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

Tgt Ion:152 Resp: 155760
Ion Ratio Lower Upper
152 100
115 0.0 29.4 88.2#
150 146.2 0.0 353.8





#73

Isopropylbenzene

Concen: 51.931 ug/l

RT: 12.261 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY022403.D

Acq: 22 May 2025 18:03

Instrument :

MSVOA_Y

ClientSampleId :

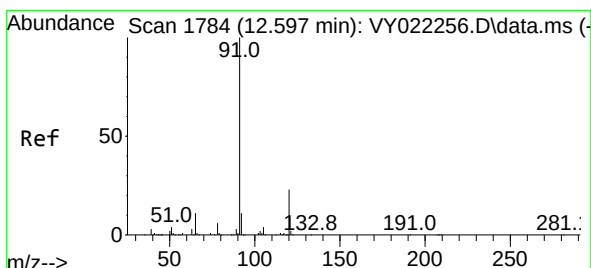
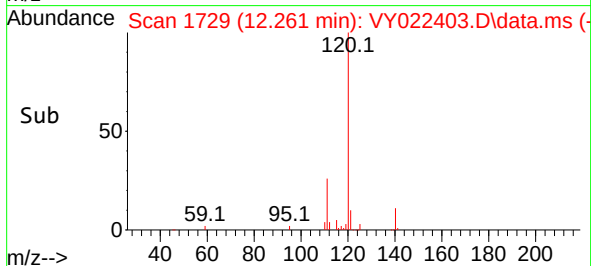
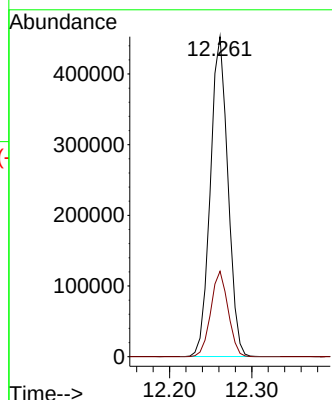
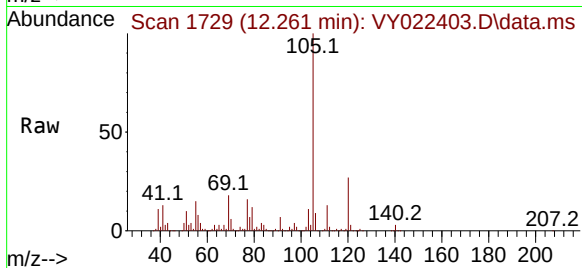
SS-MW1-11.5

Tgt Ion:105 Resp: 670113

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#78

n-propylbenzene

Concen: 72.082 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY022403.D

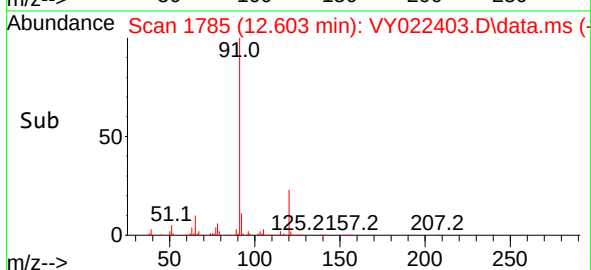
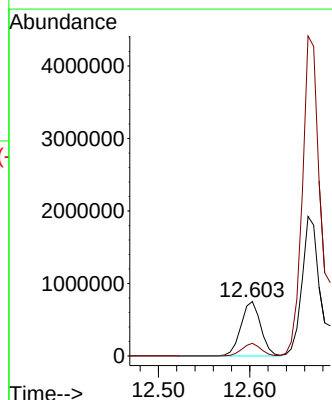
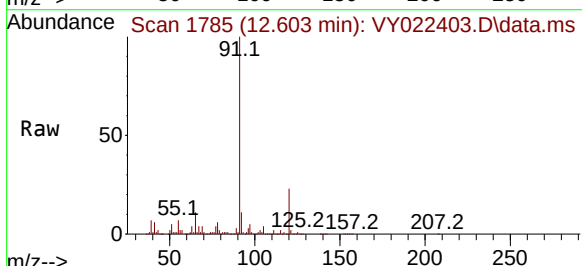
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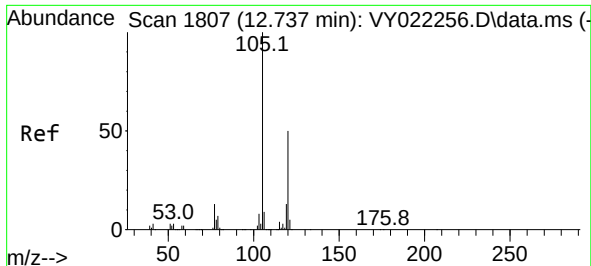
Tgt Ion: 91 Resp: 1121922

Ion Ratio Lower Upper

91 100

120 22.5 11.1 33.3

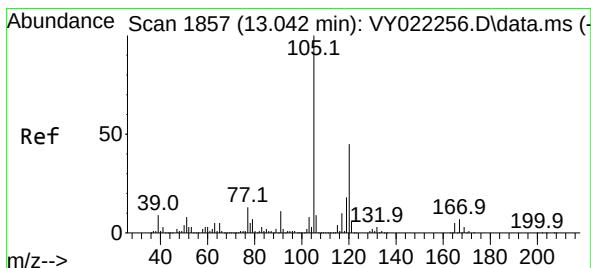
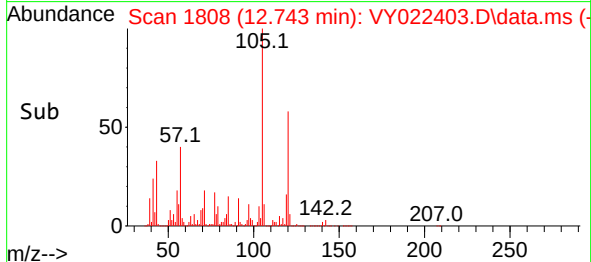
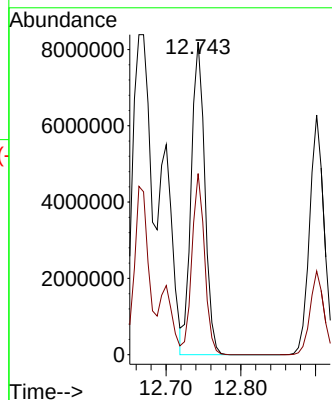
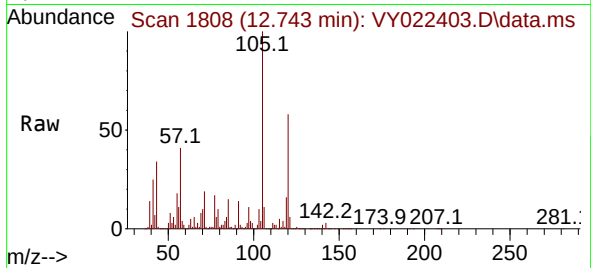




#80
1,3,5-Trimethylbenzene
Concen: 991.235 ug/l
RT: 12.743 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

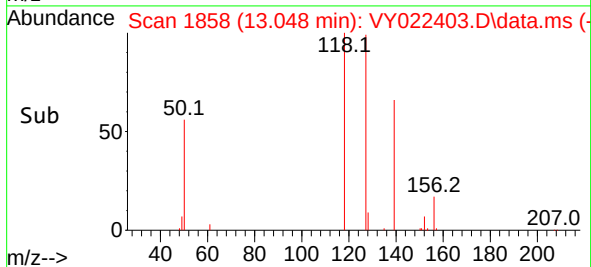
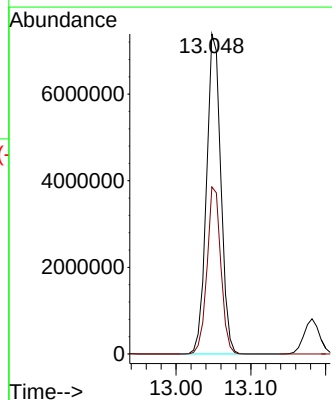
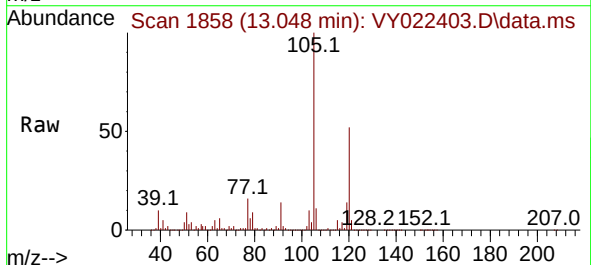
Instrument :
MSVOA_Y
ClientSampleId :
SS-MW1-11.5

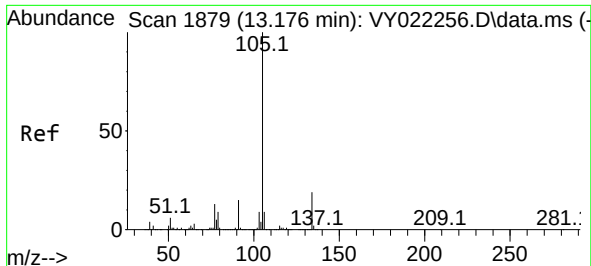
Tgt Ion:105 Resp:10325259
Ion Ratio Lower Upper
105 100
120 54.2 24.2 72.6



#84
1,2,4-Trimethylbenzene
Concen: 948.437 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022403.D
Acq: 22 May 2025 18:03

Tgt Ion:105 Resp: 9807116
Ion Ratio Lower Upper
105 100
120 50.3 22.3 66.9

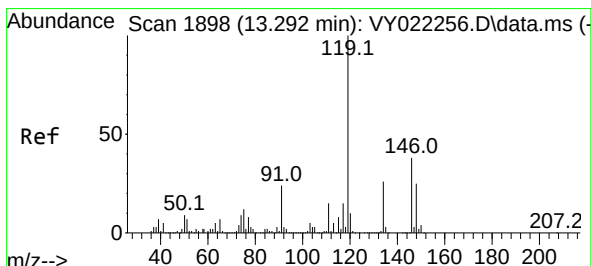
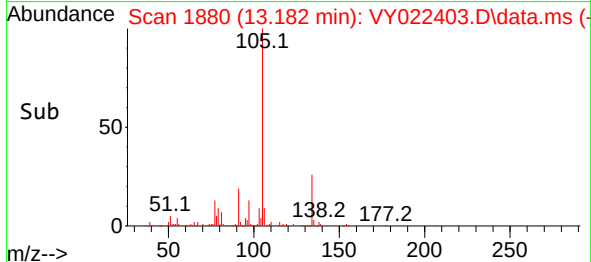
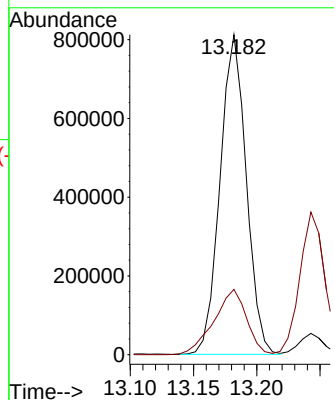
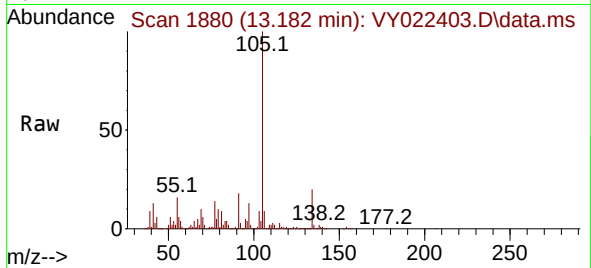




#85
 sec-Butylbenzene
 Concen: 84.998 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY022403.D
 Acq: 22 May 2025 18:03

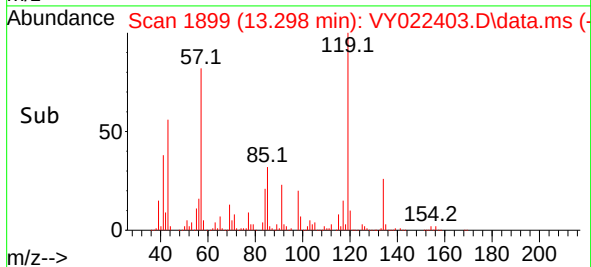
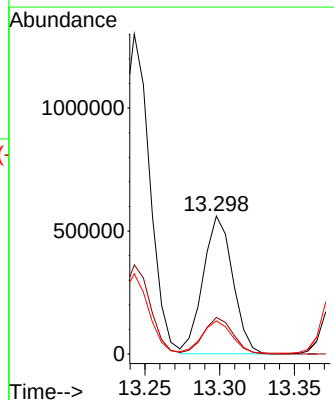
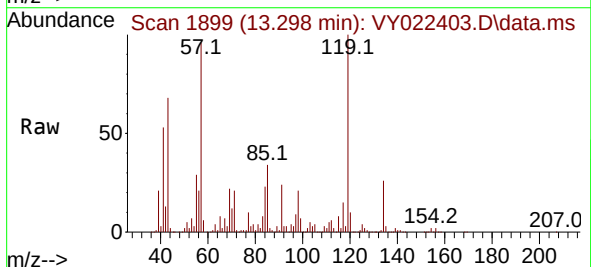
Instrument :
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 ClientSampleId :
 SS-MW1-11.5

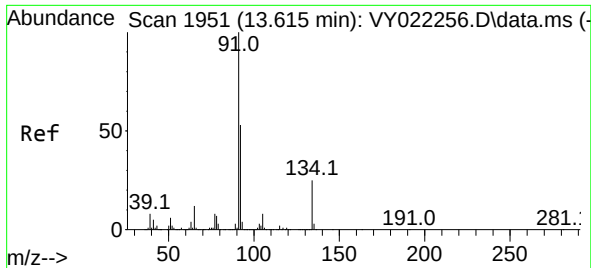
Tgt Ion:105 Resp: 1168163
 Ion Ratio Lower Upper
 105 100
 134 25.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 67.007 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY022403.D
 Acq: 22 May 2025 18:03

Tgt Ion:119 Resp: 774515
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.2 12.1 36.3





#89

n-Butylbenzene

Concen: 92.163 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY022403.D

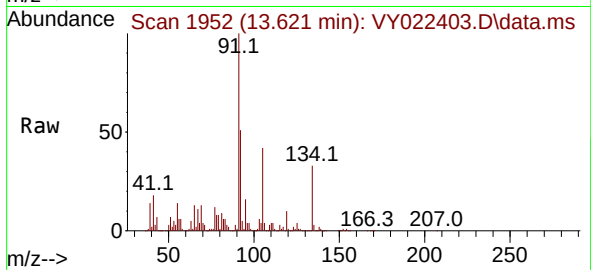
Acq: 22 May 2025 18:03

Instrument :

MSVOA_Y

ClientSampleId :

SS-MW1-11.5



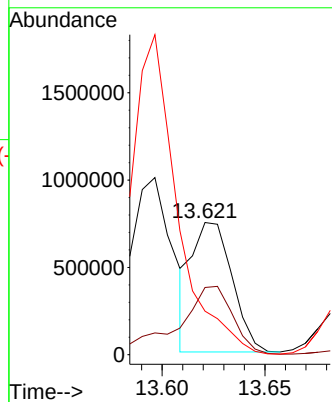
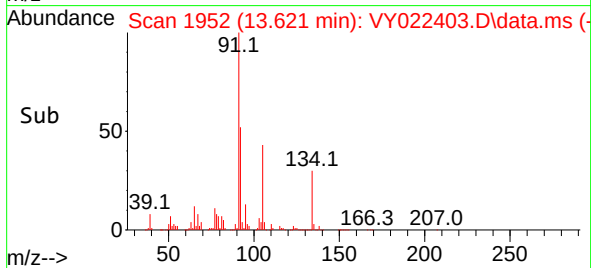
Tgt Ion: 91 Resp: 1007822

Ion Ratio Lower Upper

91 100

92 71.8 26.3 78.9

134 0.0 12.4 37.4#



Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-MW1-11.5ME	SDG No.:	Q2075
Lab Sample ID:	Q2075-06ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91
Sample Wt/Vol:	8.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046336.D	1		05/23/25 11:46	VX052325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	160	UD	26.0	160	ug/Kg
108-88-3	Toluene	83.3	JD	25.6	160	ug/Kg
100-41-4	Ethyl Benzene	110	JD	22.0	160	ug/Kg
1330-20-7	Total Xylenes	630	D	67.6	490	ug/Kg
98-82-8	Isopropylbenzene	42.8	JD	25.6	160	ug/Kg
103-65-1	n-propylbenzene	130	JD	24.0	160	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	220	D	26.9	160	ug/Kg
98-06-6	tert-Butylbenzene	160	UD	22.0	160	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	810	D	21.0	160	ug/Kg
135-98-8	sec-Butylbenzene	63.9	JD	21.7	160	ug/Kg
99-87-6	p-Isopropyltoluene	43.7	JD	20.4	160	ug/Kg
104-51-8	n-Butylbenzene	180	D	47.6	160	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	50.7		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		38 - 136	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	61400	5.544			
540-36-3	1,4-Difluorobenzene	119000	6.757			
3114-55-4	Chlorobenzene-d5	110000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	48700	12.024			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046336.D
 Acq On : 23 May 2025 11:46
 Operator : JC/MD
 Sample : Q2075-06ME
 Misc : 8.36g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS-MW1-11.5ME

Quant Time: May 23 12:11:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

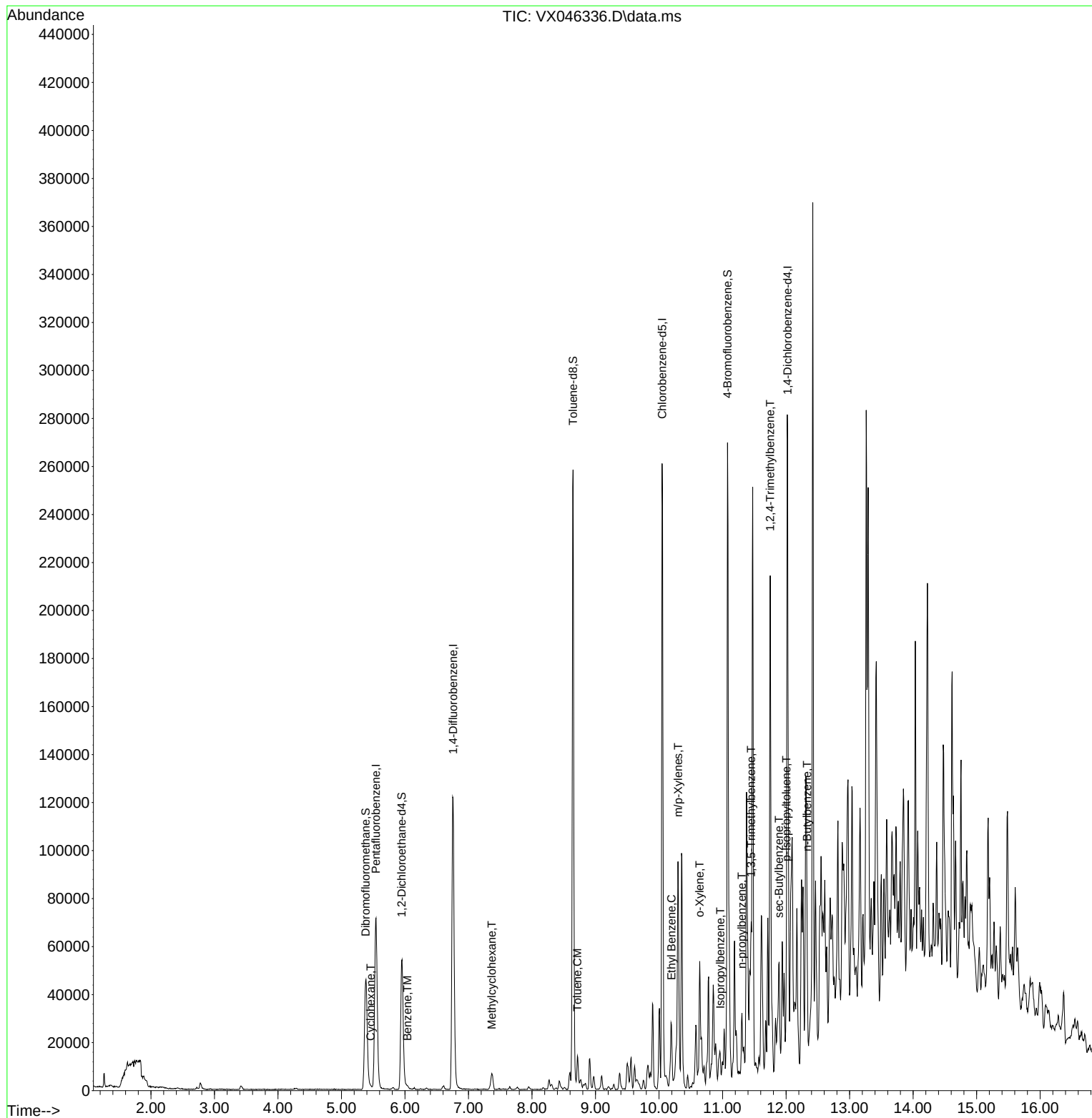
Internal Standards						
1) Pentafluorobenzene	5.544	168	61392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	110366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	58363	50.992	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.980%			
35) Dibromofluoromethane	5.379	113	41500	48.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.780%			
50) Toluene-d8	8.647	98	150629	50.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.079	95	58615	51.479	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.960%			
Target Compounds					Qvalue	
31) Cyclohexane	5.458	56	676	0.496	ug/l #	95
39) Methylcyclohexane	7.367	83	2823	1.903	ug/l	85
40) Benzene	6.037	78	1650	0.489	ug/l #	87
52) Toluene	8.714	92	5245	2.534	ug/l	98
67) Ethyl Benzene	10.195	91	14088	3.308	ug/l	89
68) m/p-Xylenes	10.299	106	19090	12.258	ug/l	98
69) o-Xylene	10.640	106	10725	7.064	ug/l	98
73) Isopropylbenzene	10.963	105	4939	1.303	ug/l	92
78) n-propylbenzene	11.305	91	17106	3.882	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	21294	6.725	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	79105	24.671	ug/l	98
85) sec-Butylbenzene	11.890	105	7610	1.943	ug/l	95
86) p-Isopropyltoluene	12.006	119	4298	1.330	ug/l	97
89) n-Butylbenzene	12.329	91	15953	5.627	ug/l #	48

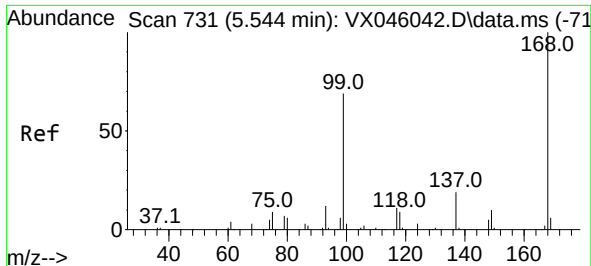
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046336.D
Acq On : 23 May 2025 11:46
Operator : JC/MD
Sample : Q2075-06ME
Misc : 8.36g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

Quant Time: May 23 12:11:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

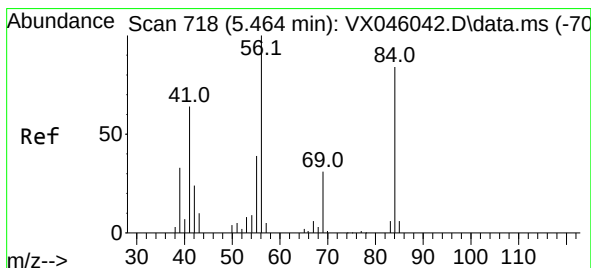
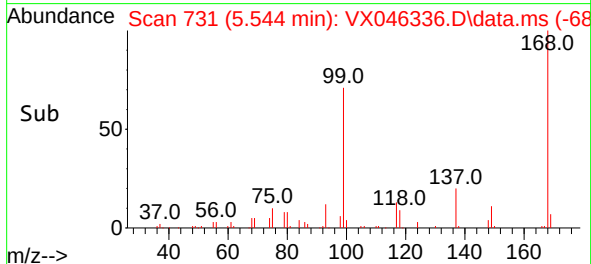
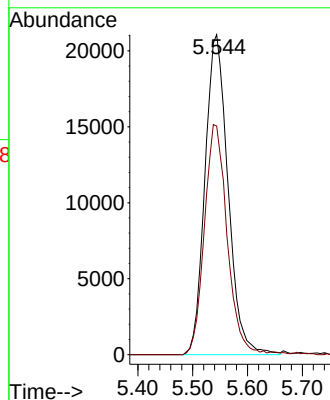
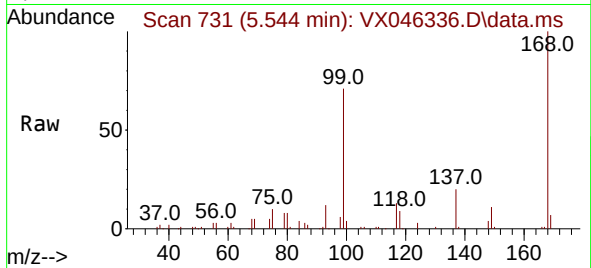




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

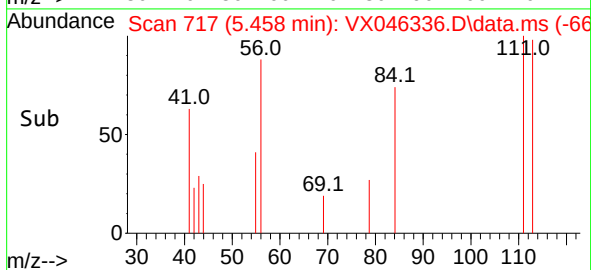
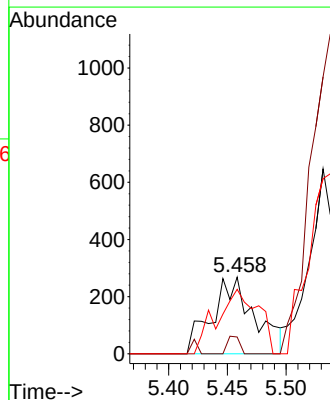
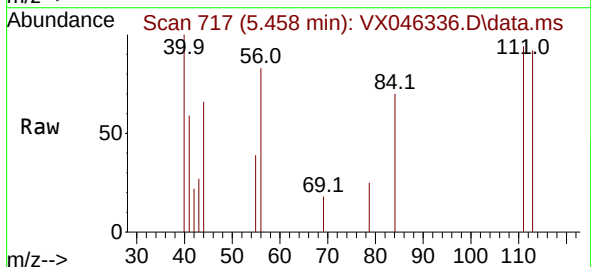
Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

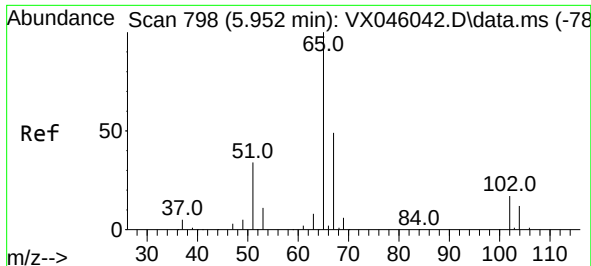
Tgt Ion:168 Resp: 61392
Ion Ratio Lower Upper
168 100
99 71.5 54.9 82.3



#31
Cyclohexane
Concen: 0.496 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion: 56 Resp: 676
Ion Ratio Lower Upper
56 100
69 22.0 24.4 36.6#
84 84.3 66.9 100.3

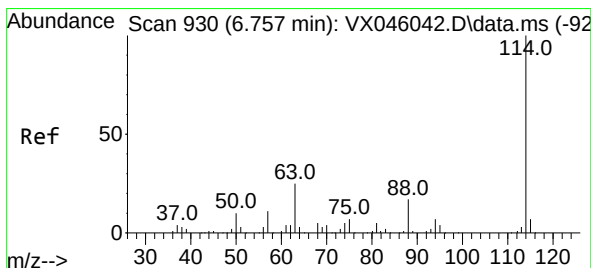
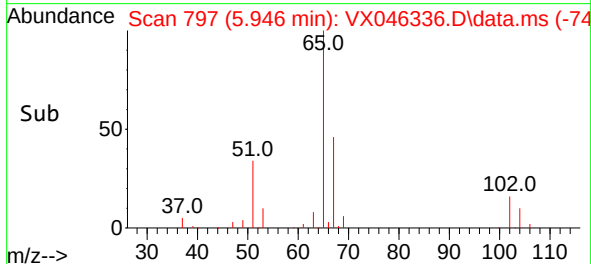
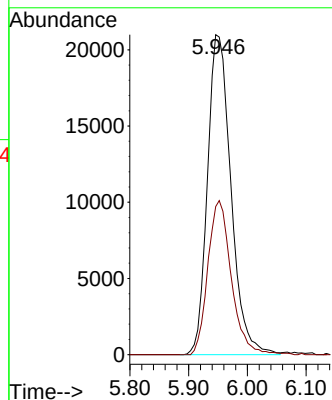
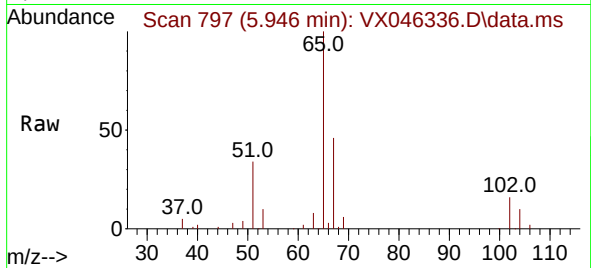




#33
 1,2-Dichloroethane-d4
 Concen: 50.992 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX046336.D
 Acq: 23 May 2025 11:46

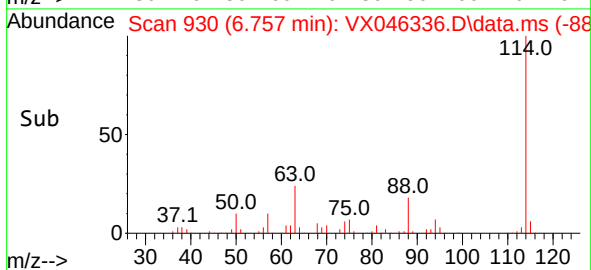
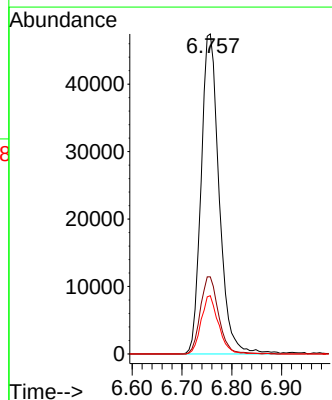
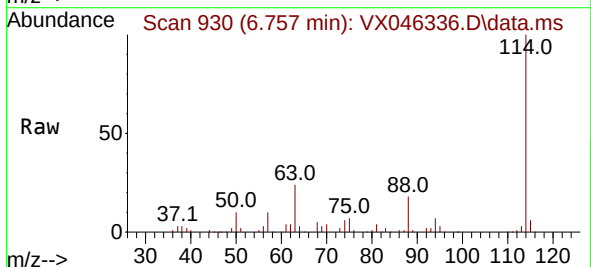
Instrument :
 MSVOA_X
 ClientSampleId :
 SS-MW1-11.5ME

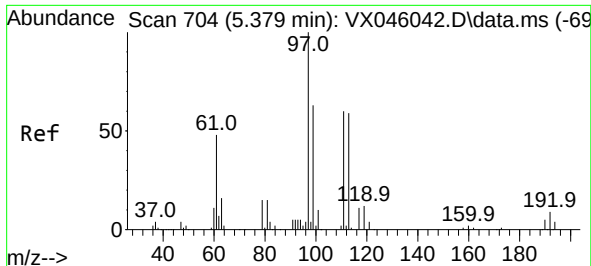
Tgt Ion: 65 Resp: 58363
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046336.D
 Acq: 23 May 2025 11:46

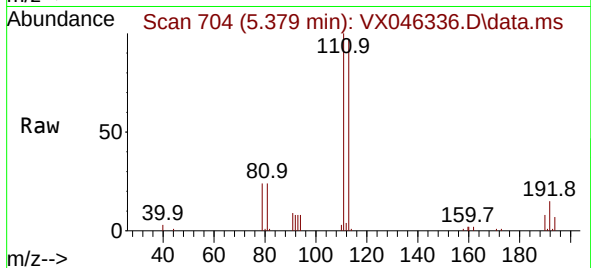
Tgt Ion: 114 Resp: 119098
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 18.2 0.0 33.6



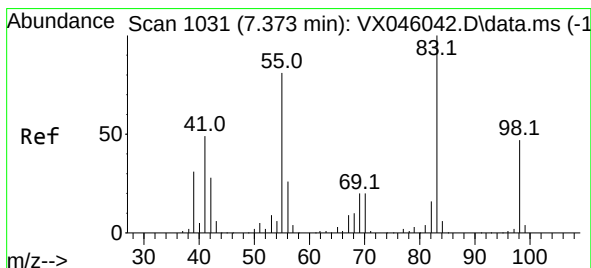
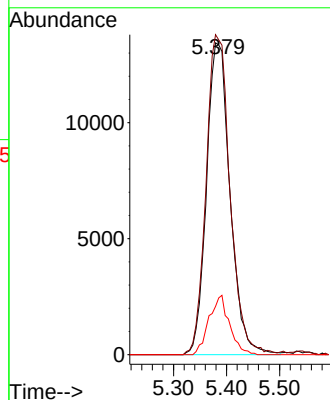
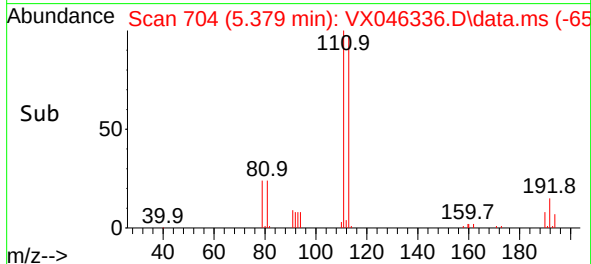


#35
Dibromofluoromethane
Concen: 48.389 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

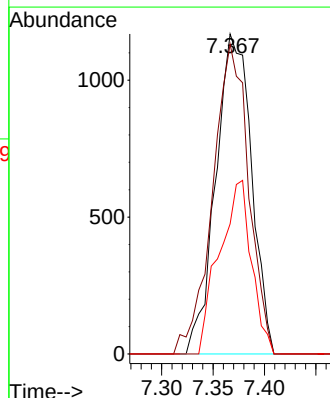
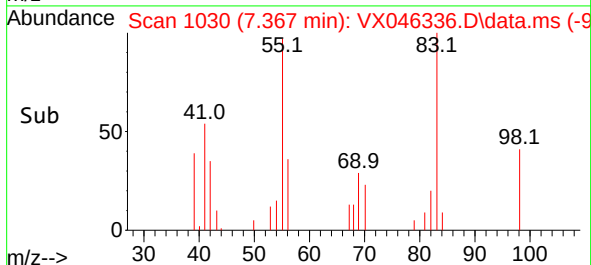
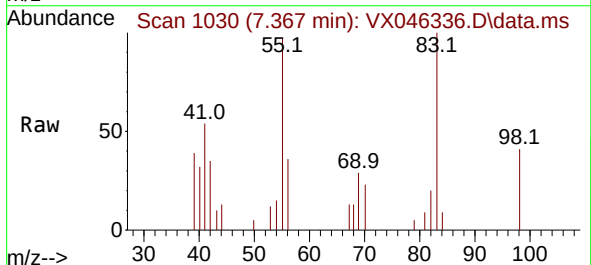


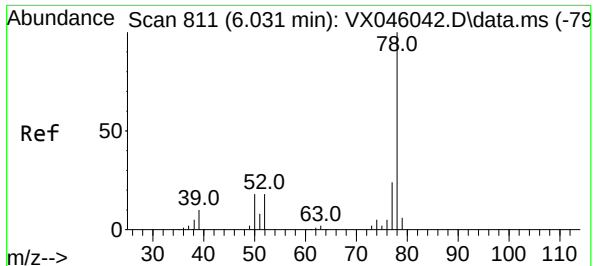
Tgt Ion:113 Resp: 41500
Ion Ratio Lower Upper
113 100
111 104.2 83.1 124.7
192 16.6 13.3 19.9



#39
Methylcyclohexane
Concen: 1.903 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion: 83 Resp: 2823
Ion Ratio Lower Upper
83 100
55 96.8 64.7 97.1
98 40.6 37.4 56.2

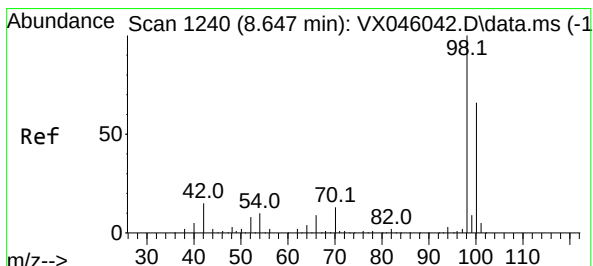
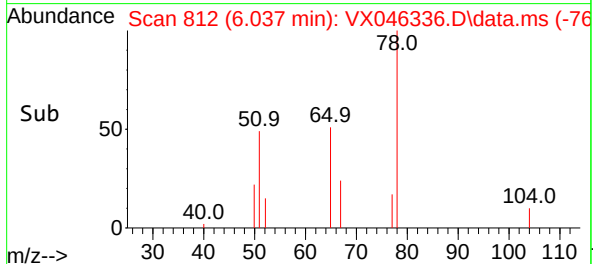
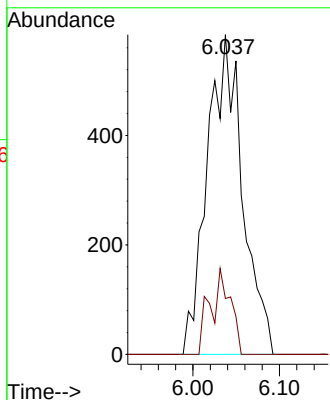
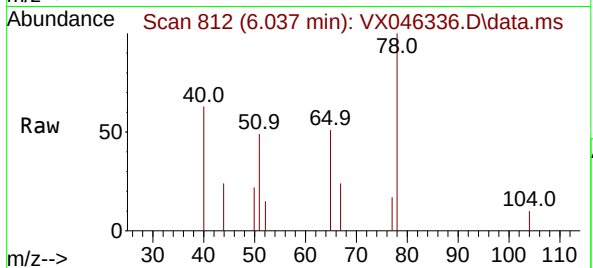




#40
Benzene
Concen: 0.489 ug/l
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

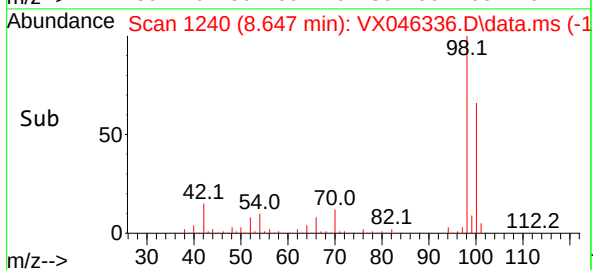
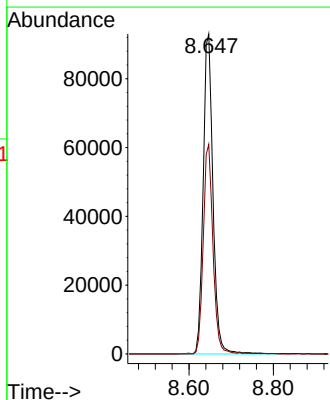
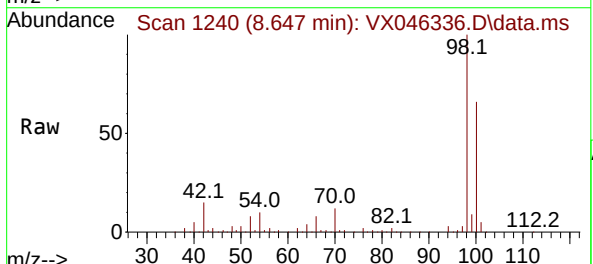
Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

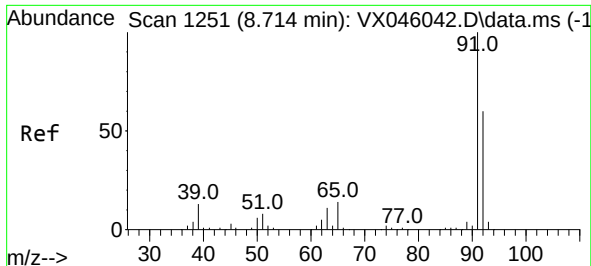
Tgt Ion: 78 Resp: 1650
Ion Ratio Lower Upper
78 100
77 17.5 19.0 28.4#



#50
Toluene-d8
Concen: 50.745 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion: 98 Resp: 150629
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3

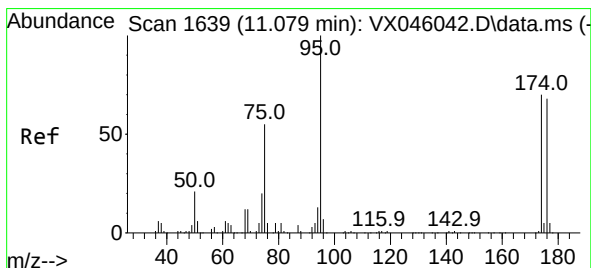
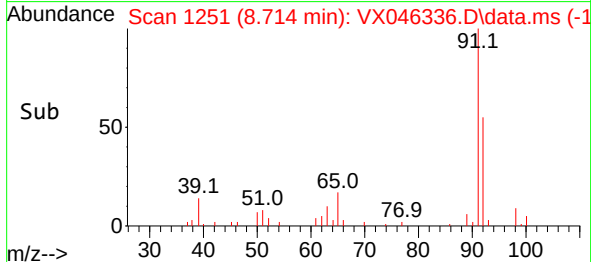
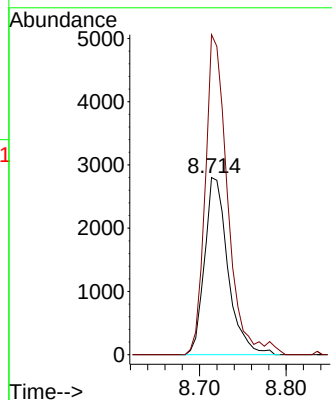
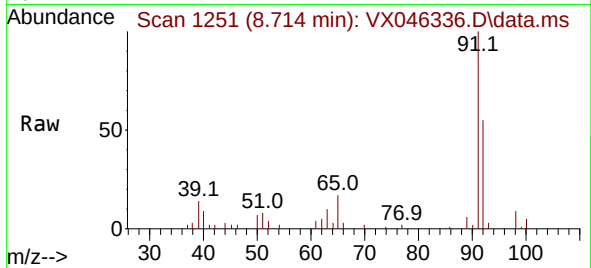




#52
Toluene
Concen: 2.534 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

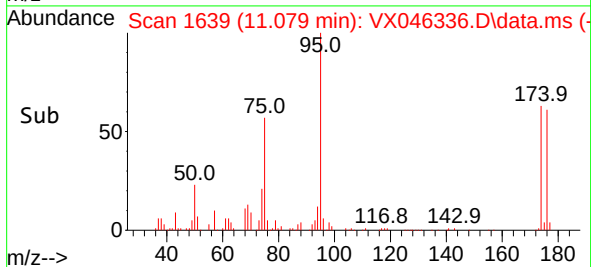
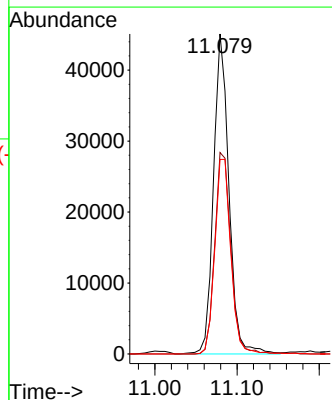
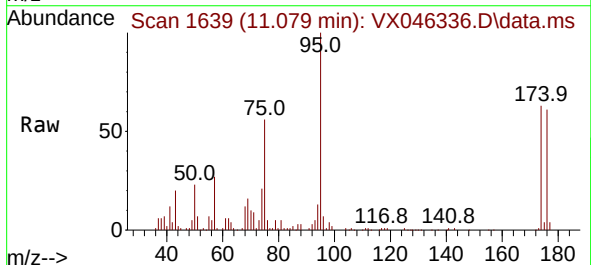
Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

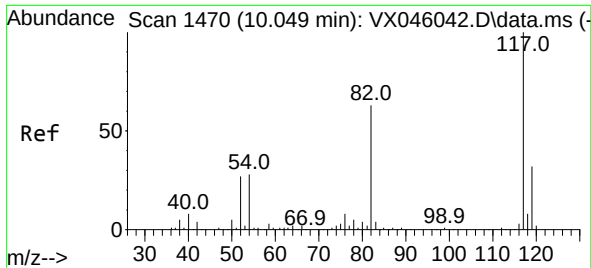
Tgt Ion: 92 Resp: 5245
Ion Ratio Lower Upper
92 100
91 173.4 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 51.479 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion: 95 Resp: 58615
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 63.5 0.0 131.4

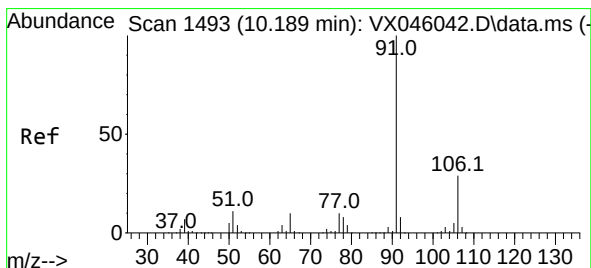
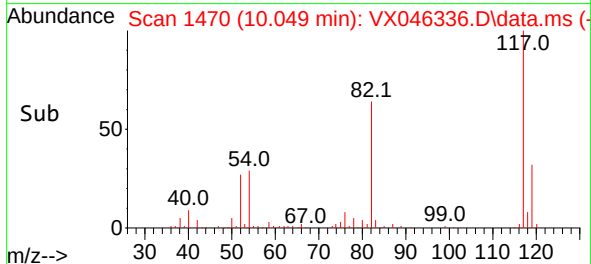
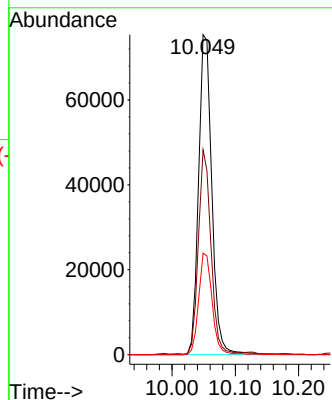
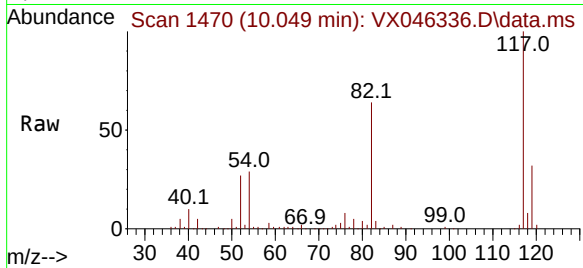




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

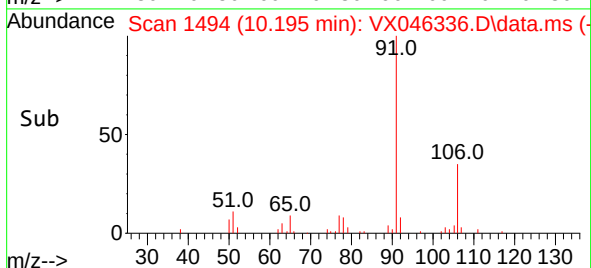
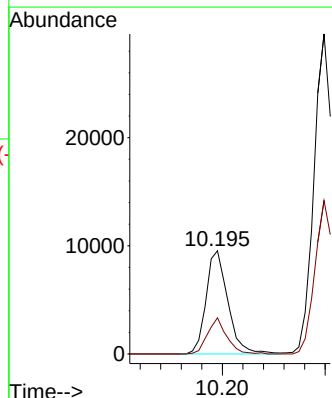
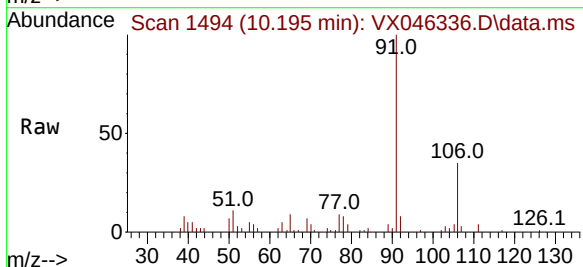
Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

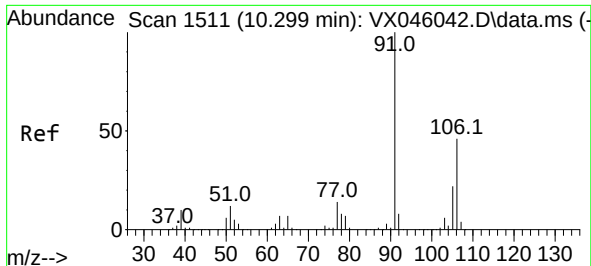
Tgt Ion:117 Resp: 110366
Ion Ratio Lower Upper
117 100
82 63.7 50.6 76.0
119 31.7 25.8 38.6



#67
Ethyl Benzene
Concen: 3.308 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion: 91 Resp: 14088
Ion Ratio Lower Upper
91 100
106 35.0 23.4 35.2

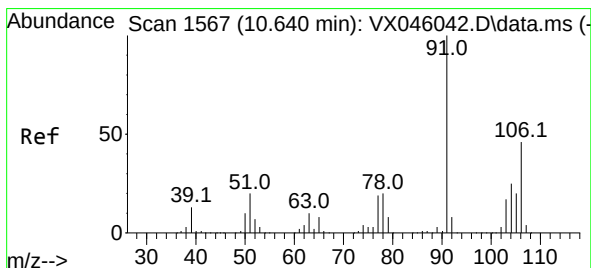
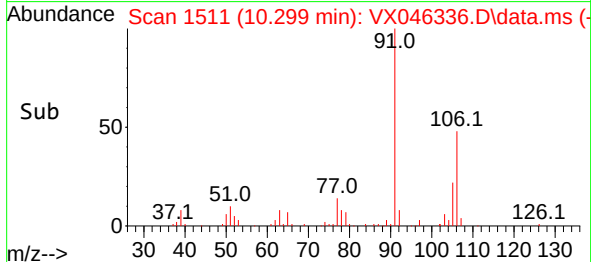
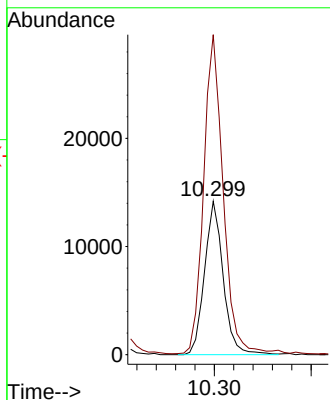
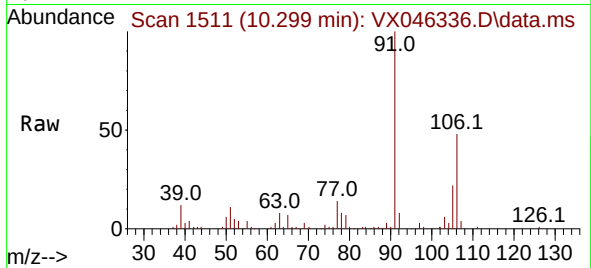




#68
m/p-Xylenes
Concen: 12.258 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

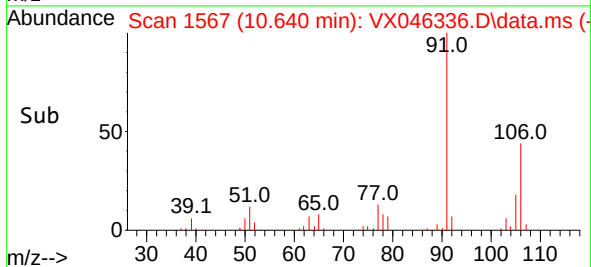
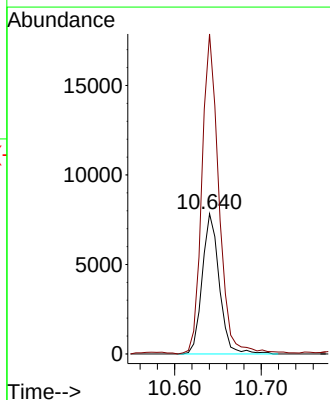
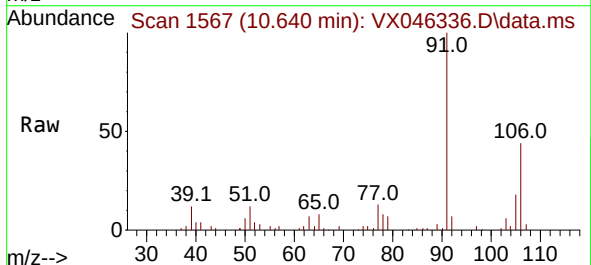
Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

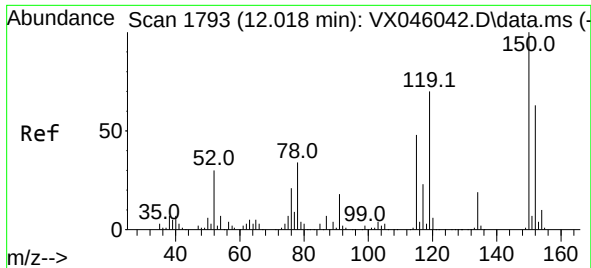
Tgt Ion:106 Resp: 19090
Ion Ratio Lower Upper
106 100
91 217.2 171.2 256.8



#69
o-Xylene
Concen: 7.064 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion:106 Resp: 10725
Ion Ratio Lower Upper
106 100
91 228.3 112.7 338.1

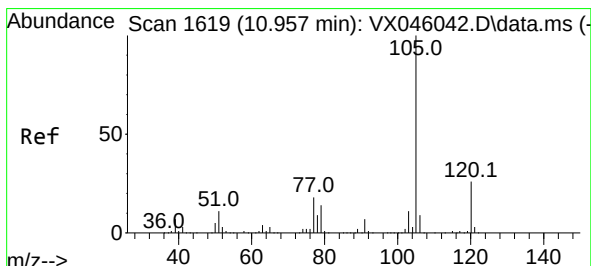
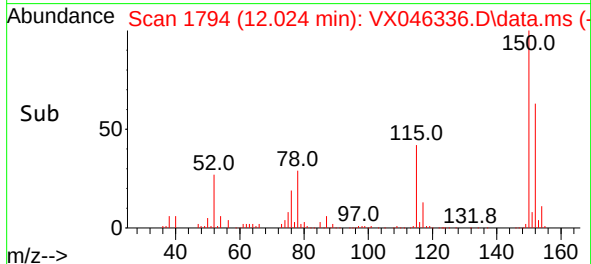
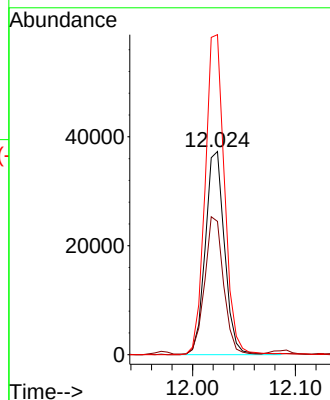
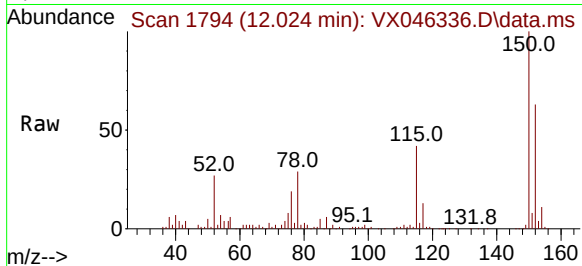




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

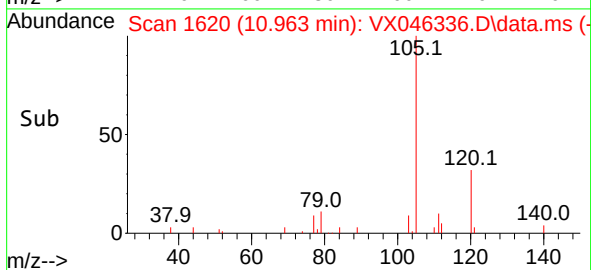
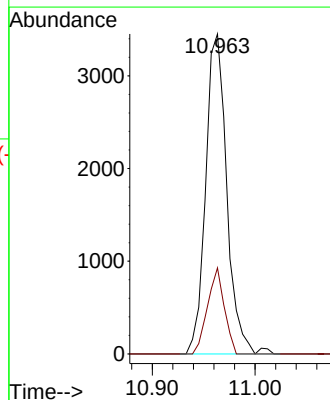
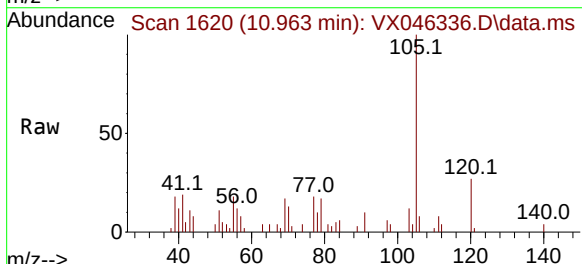
Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

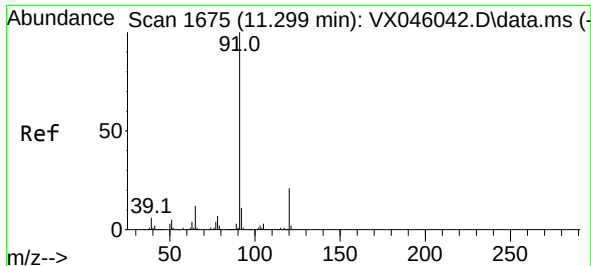
Tgt Ion:152 Resp: 48680
Ion Ratio Lower Upper
152 100
115 66.1 46.9 140.7
150 158.9 0.0 351.0



#73
Isopropylbenzene
Concen: 1.303 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion:105 Resp: 4939
Ion Ratio Lower Upper
105 100
120 21.4 12.8 38.4

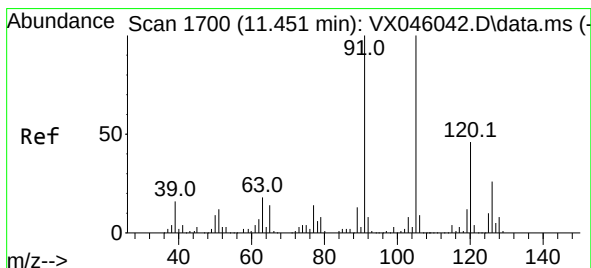
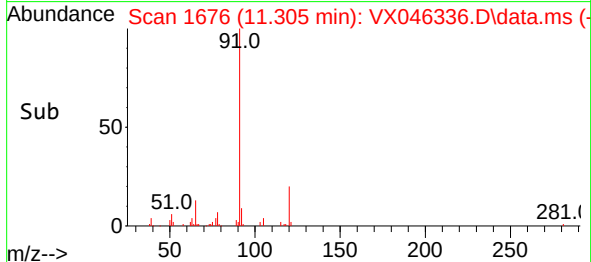
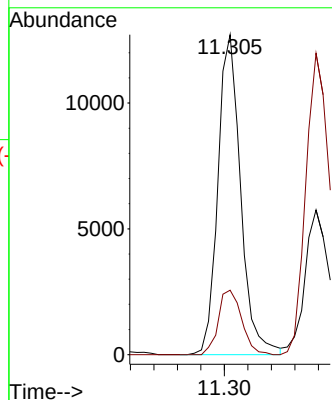
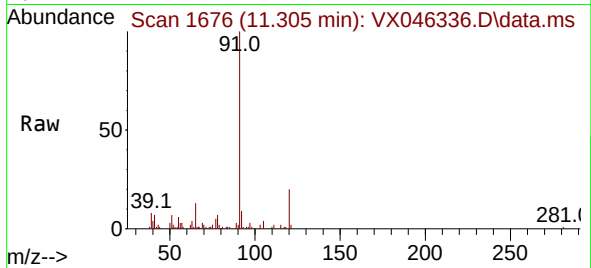




#78
n-propylbenzene
Concen: 3.882 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

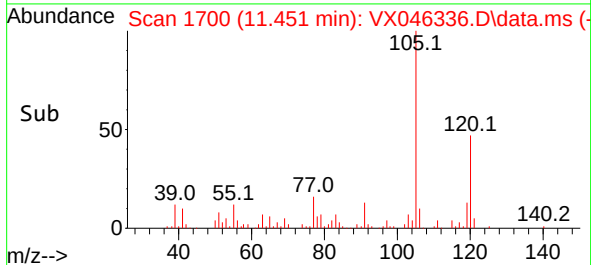
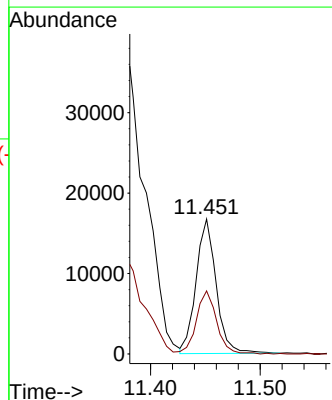
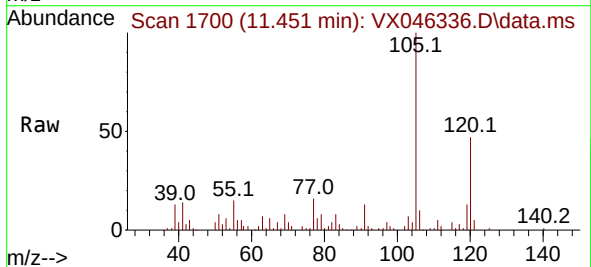
Instrument :
MSVOA_X
ClientSampleId :
SS-MW1-11.5ME

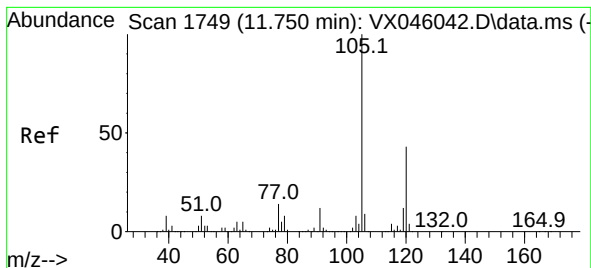
Tgt Ion: 91 Resp: 17106
Ion Ratio Lower Upper
91 100
120 20.7 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 6.725 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046336.D
Acq: 23 May 2025 11:46

Tgt Ion: 105 Resp: 21294
Ion Ratio Lower Upper
105 100
120 47.7 23.1 69.2





#84

1,2,4-Trimethylbenzene

Concen: 24.671 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046336.D

Acq: 23 May 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

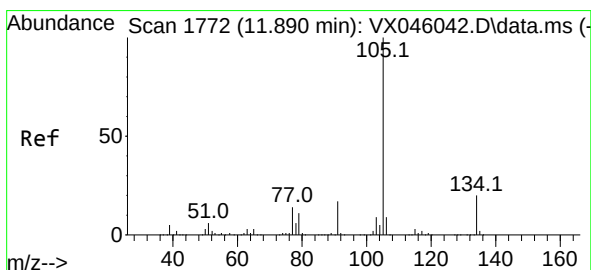
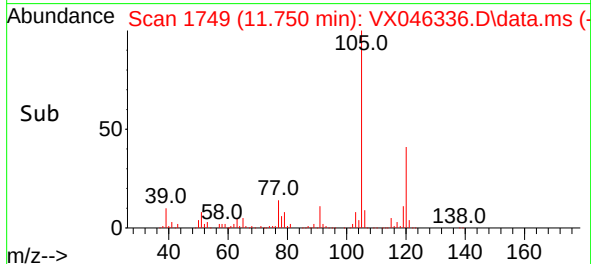
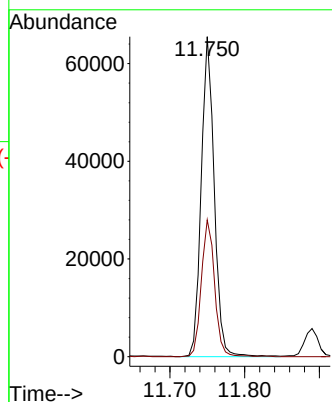
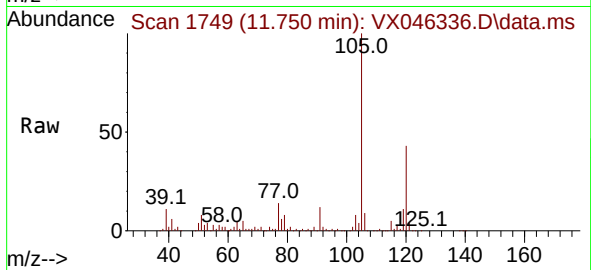
SS-MW1-11.5ME

Tgt Ion:105 Resp: 79105

Ion Ratio Lower Upper

105 100

120 43.5 21.2 63.6



#85

sec-Butylbenzene

Concen: 1.943 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX046336.D

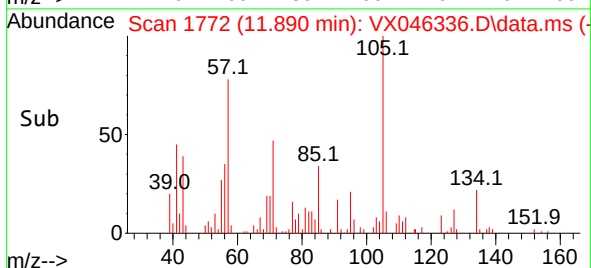
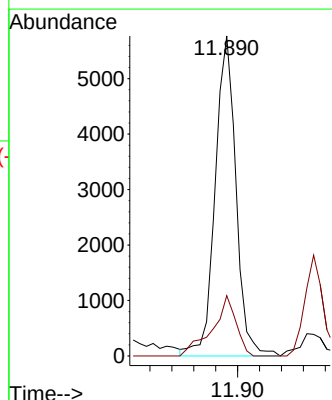
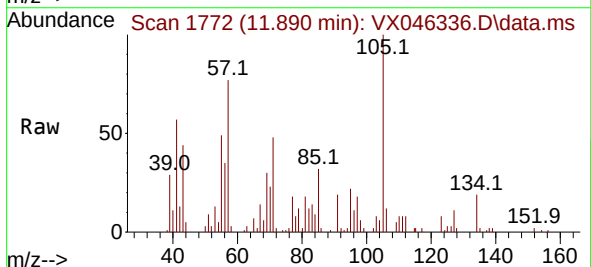
Acq: 23 May 2025 11:46

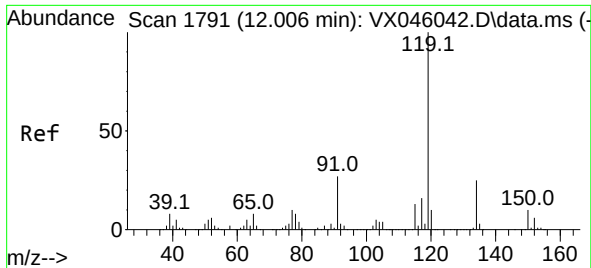
Tgt Ion:105 Resp: 7610

Ion Ratio Lower Upper

105 100

134 21.6 9.7 29.1

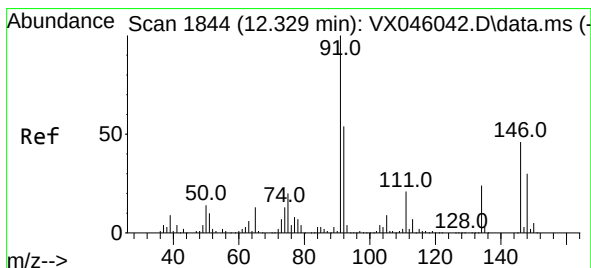
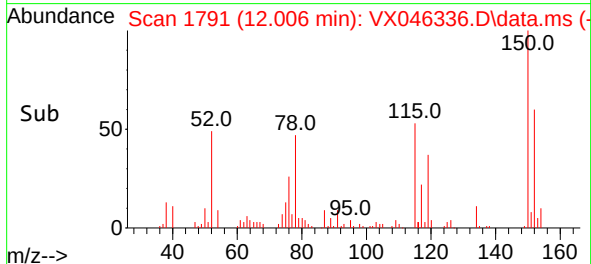
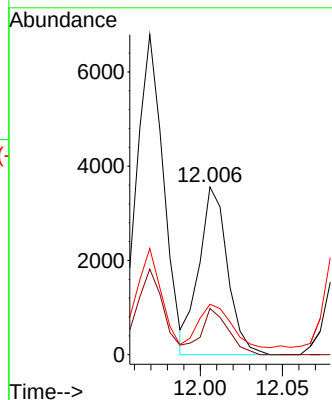
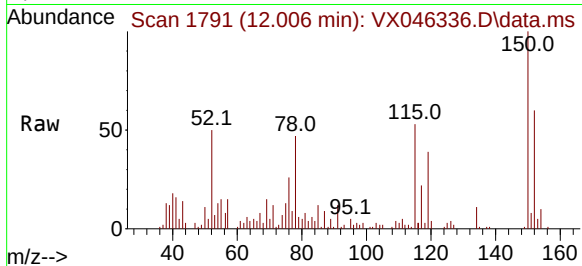




#86
 p-Isopropyltoluene
 Concen: 1.330 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046336.D
 Acq: 23 May 2025 11:46

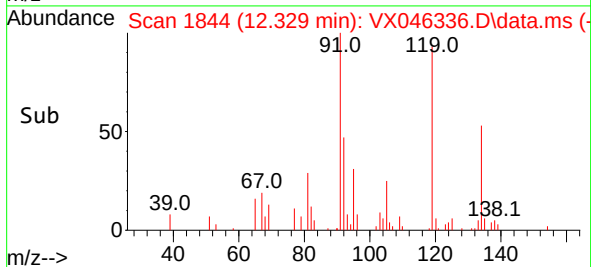
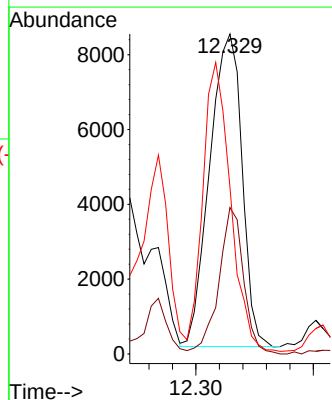
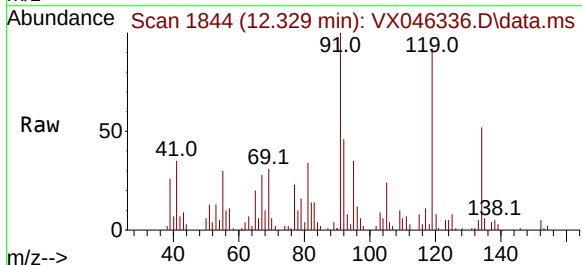
Instrument :
 MSVOA_X
 ClientSampleId :
 SS-MW1-11.5ME

Tgt Ion:119	Resp:	4298
Ion	Ratio	Lower Upper
119	100	
134	26.5	12.5 37.5
91	29.0	13.8 41.4



#89
 n-Butylbenzene
 Concen: 5.627 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VX046336.D
 Acq: 23 May 2025 11:46

Tgt Ion: 91	Resp:	15953
Ion	Ratio	Lower Upper
91	100	
92	35.9	26.9 80.7
134	79.2	11.8 35.3#



Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	FB-05152025	SDG No.:	Q2075
Lab Sample ID:	Q2075-07	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
VX046292.D	1		05/21/25 13:09	VX052125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
103-65-1	n-propylbenzene	1.00	U	0.13	1.00	ug/L
103-65-1	n-propylbenzene	1.00	U	0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.00	U	0.15	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.00	U	0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	1.00	U	0.14	1.00	ug/L
98-06-6	tert-Butylbenzene	1.00	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.00	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.00	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	1.00	U	0.13	1.00	ug/L
135-98-8	sec-Butylbenzene	1.00	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	1.00	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	1.00	U	0.13	1.00	ug/L
104-51-8	n-Butylbenzene	1.00	U	0.15	1.00	ug/L
104-51-8	n-Butylbenzene	1.00	U	0.15	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		74 - 125	106%	SPK: 50
17060-07-0	1,2-Dichloroethane-d4	53.2		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	50.7		86 - 113	101%	SPK: 50
2037-26-5	Toluene-d8	50.7		86 - 113	101%	SPK: 50

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	FB-05152025	SDG No.:	Q2075
Lab Sample ID:	Q2075-07	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
VX046292.D	1		05/21/25 13:09	VX052125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
460-00-4	4-Bromofluorobenzene	52.0		77 - 121	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	63600	5.55			
363-72-4	Pentafluorobenzene	63600	5.55			
540-36-3	1,4-Difluorobenzene	127000	6.757			
540-36-3	1,4-Difluorobenzene	127000	6.757			
3114-55-4	Chlorobenzene-d5	121000	10.049			
3114-55-4	Chlorobenzene-d5	121000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	52600	12.018			
3855-82-1	1,4-Dichlorobenzene-d4	52600	12.018			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046292.D
 Acq On : 21 May 2025 13:09
 Operator : JC/MD
 Sample : Q2075-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-05152025

Quant Time: May 22 01:48:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	63566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52644	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63080	53.229	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.460%
35) Dibromofluoromethane	5.385	113	44990	49.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	8.647	98	159992	50.671	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.340%
62) 4-Bromofluorobenzene	11.079	95	63027	52.039	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.080%

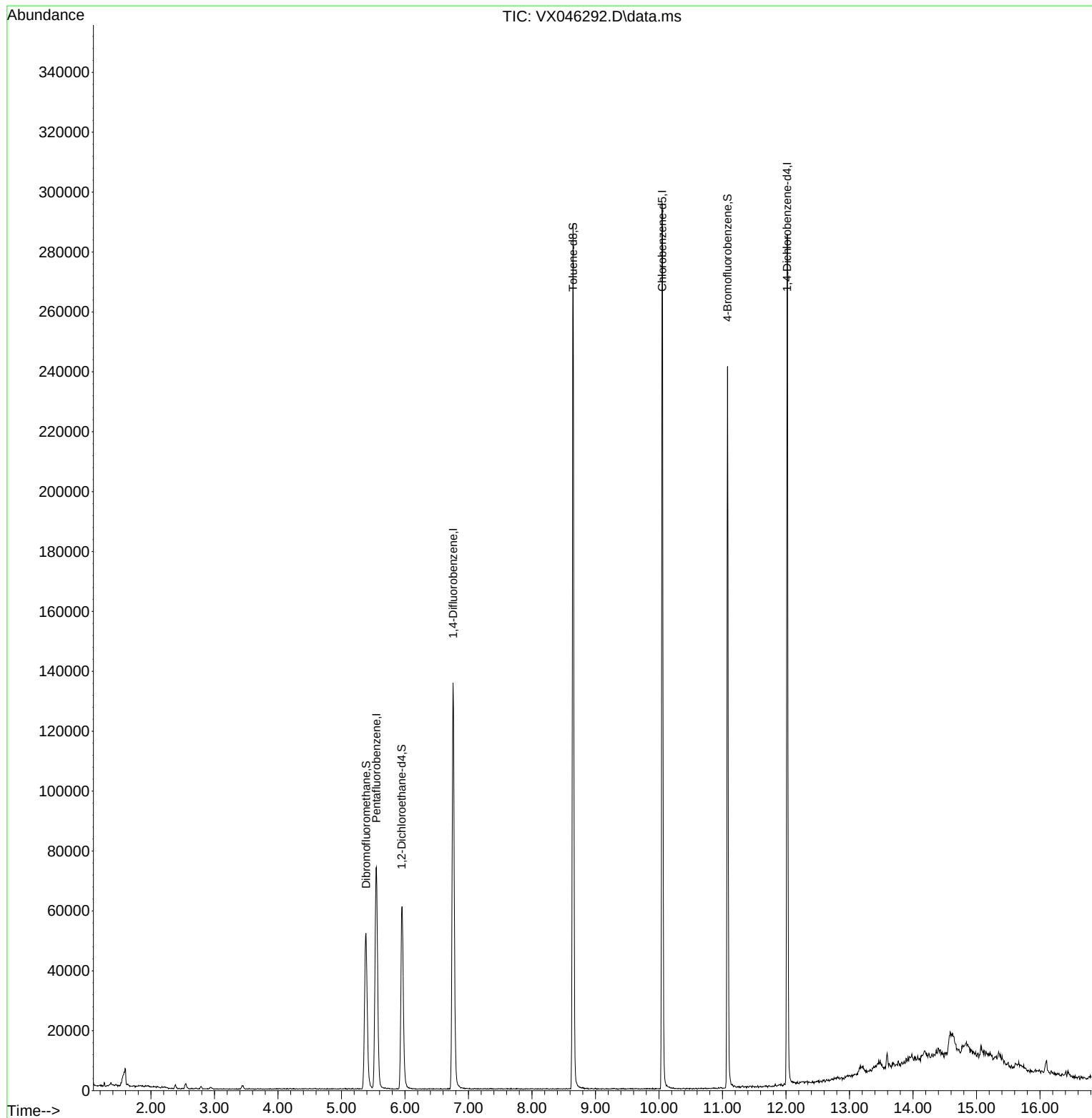
Target Compounds	Qvalue

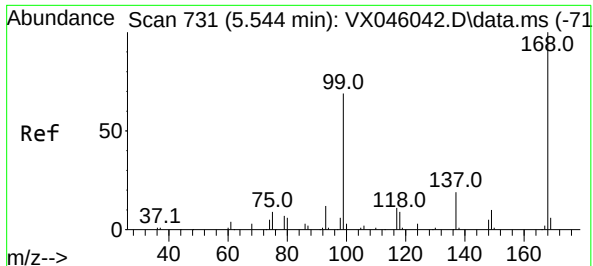
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046292.D
Acq On : 21 May 2025 13:09
Operator : JC/MD
Sample : Q2075-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

Quant Time: May 22 01:48:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

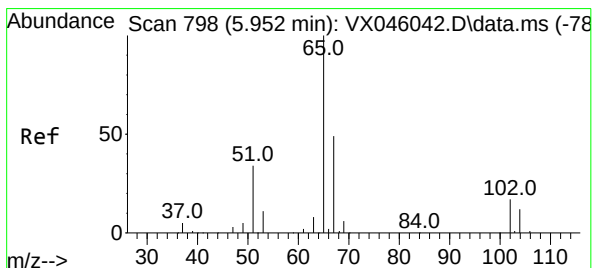
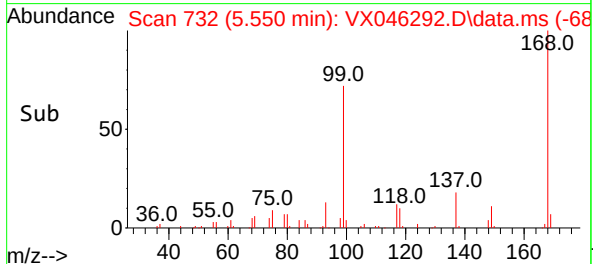
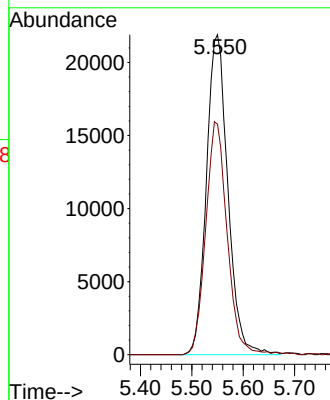
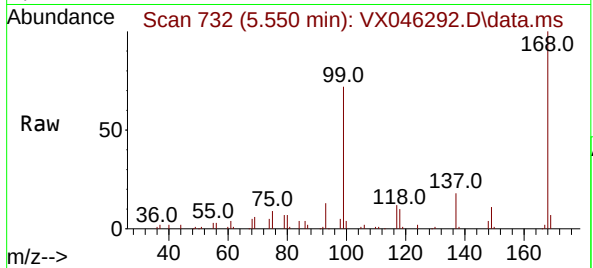




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

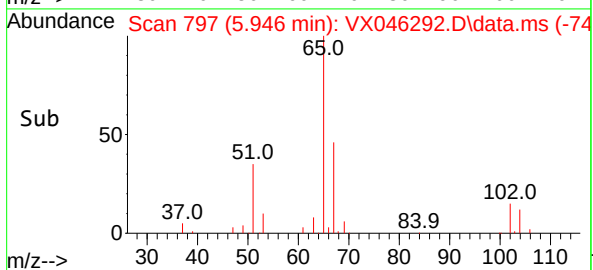
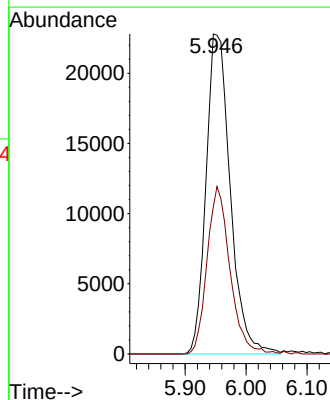
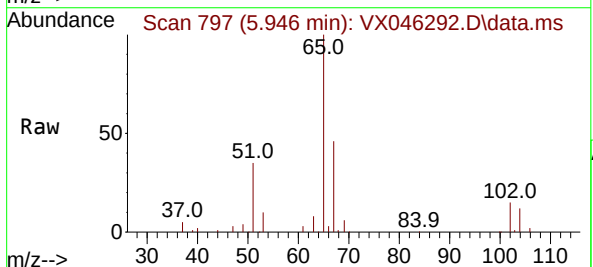
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

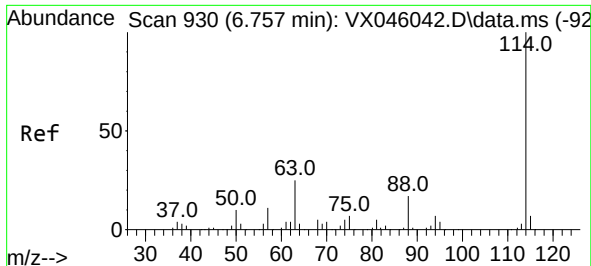
Tgt Ion:168 Resp: 63566
Ion Ratio Lower Upper
168 100
99 72.1 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.229 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion: 65 Resp: 63080
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

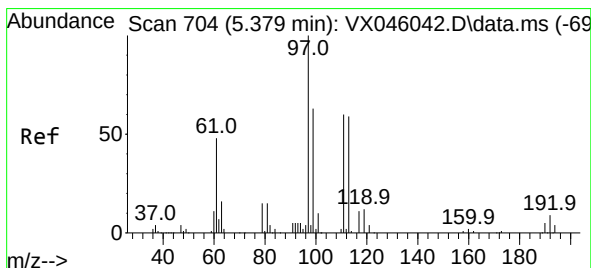
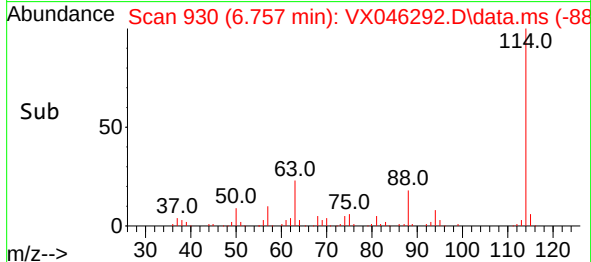
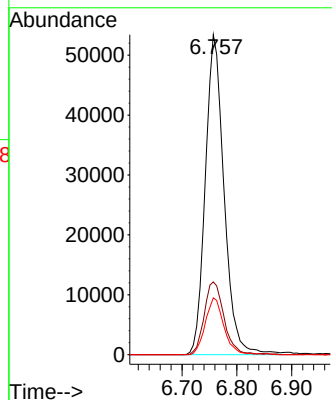
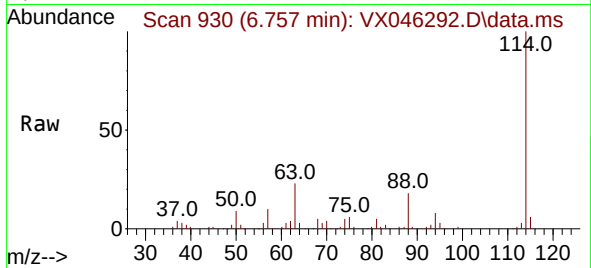




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

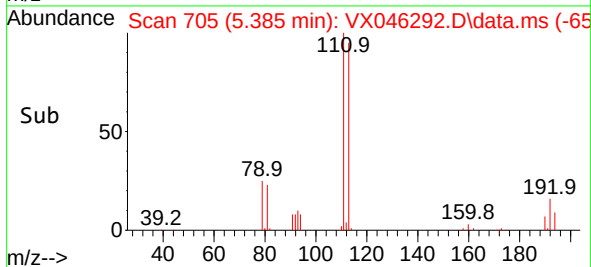
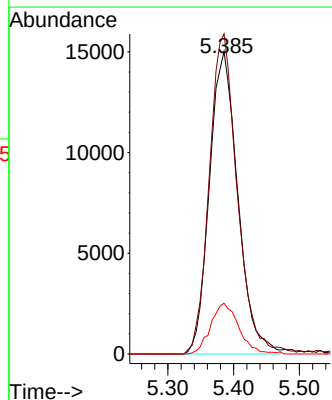
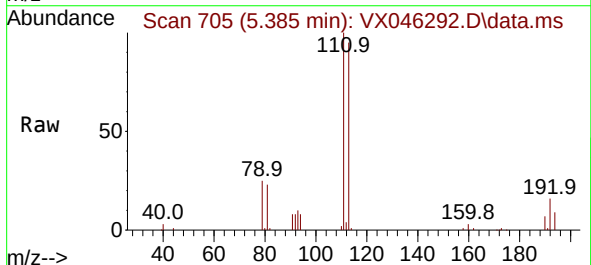
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

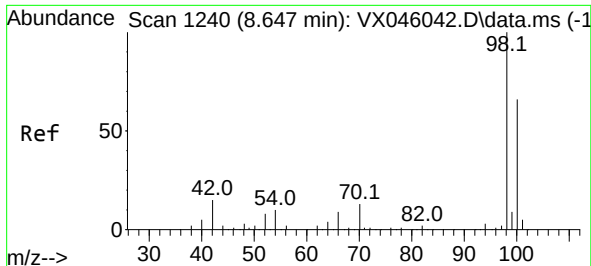
Tgt Ion:114 Resp: 126684
Ion Ratio Lower Upper
114 100
63 22.7 0.0 49.2
88 17.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.317 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion:113 Resp: 44990
Ion Ratio Lower Upper
113 100
111 104.8 83.1 124.7
192 16.7 13.3 19.9

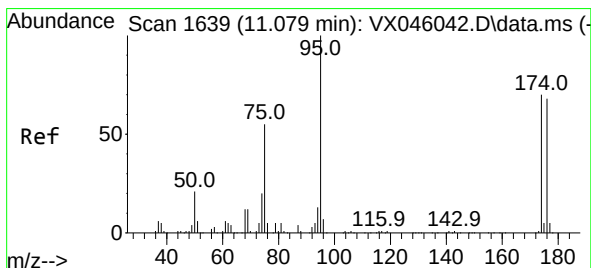
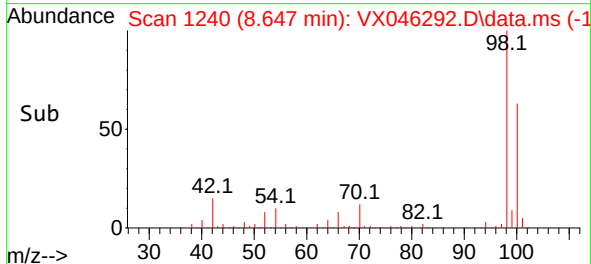
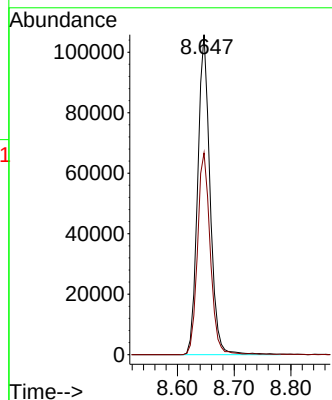
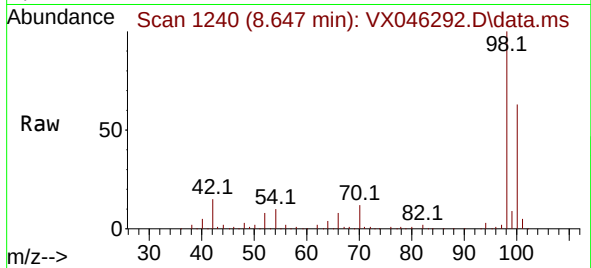




#50
Toluene-d8
Concen: 50.671 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

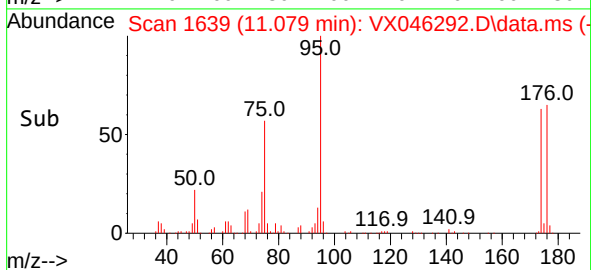
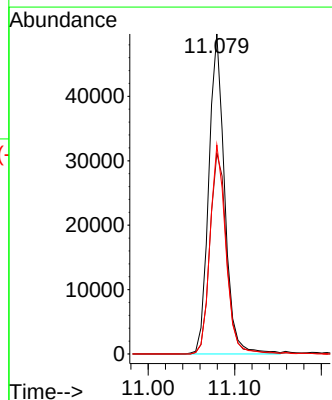
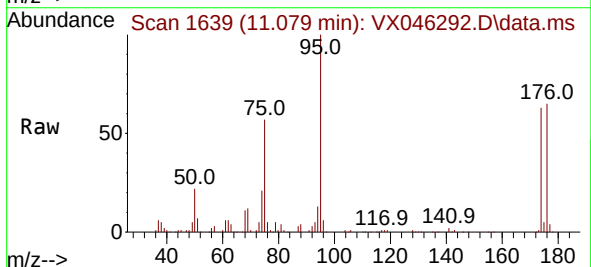
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

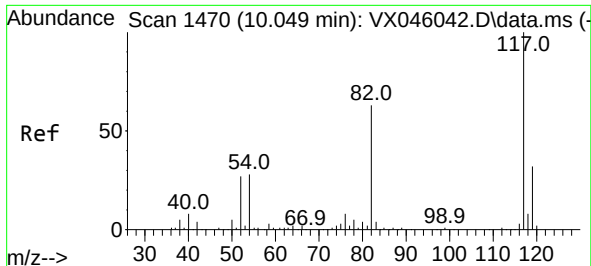
Tgt Ion: 98 Resp: 159992
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.039 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion: 95 Resp: 63027
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 65.5 0.0 131.4

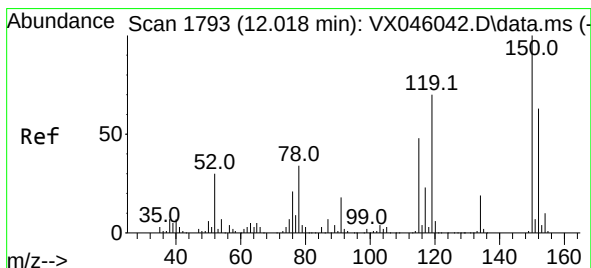
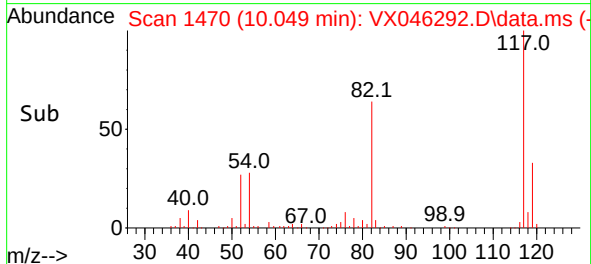
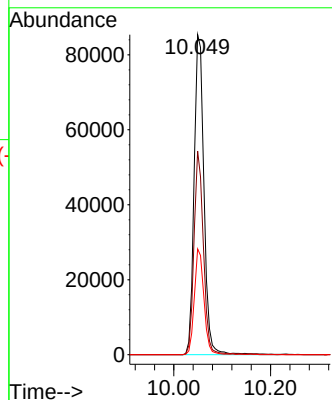
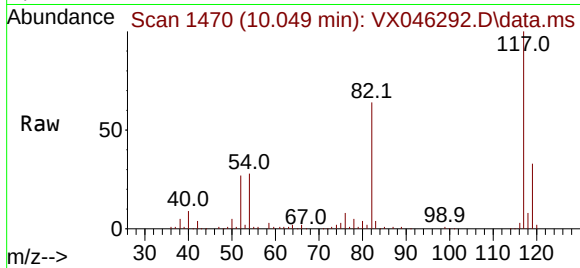




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

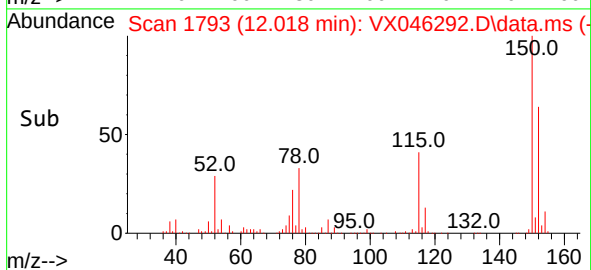
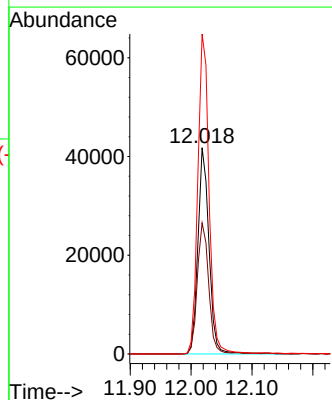
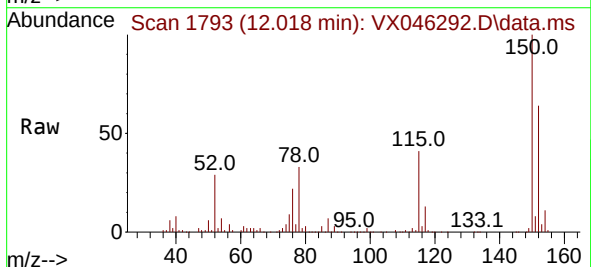
Instrument :
MSVOA_X
ClientSampleId :
FB-05152025

Tgt Ion:117 Resp: 120601
Ion Ratio Lower Upper
117 100
82 63.7 50.6 76.0
119 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046292.D
Acq: 21 May 2025 13:09

Tgt Ion:152 Resp: 52644
Ion Ratio Lower Upper
152 100
115 65.9 46.9 140.7
150 156.6 0.0 351.0



Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	FB-05162025	SDG No.:	Q2075
Lab Sample ID:	Q2075-08	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
VX046293.D	1		05/21/25 13:32	VX052125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
103-65-1	n-propylbenzene	1.00	U	0.13	1.00	ug/L
103-65-1	n-propylbenzene	1.00	U	0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.00	U	0.15	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.00	U	0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	1.00	U	0.14	1.00	ug/L
98-06-6	tert-Butylbenzene	1.00	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.00	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.00	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	1.00	U	0.13	1.00	ug/L
135-98-8	sec-Butylbenzene	1.00	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	1.00	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	1.00	U	0.13	1.00	ug/L
104-51-8	n-Butylbenzene	1.00	U	0.15	1.00	ug/L
104-51-8	n-Butylbenzene	1.00	U	0.15	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		74 - 125	104%	SPK: 50
17060-07-0	1,2-Dichloroethane-d4	52.2		74 - 125	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		75 - 124	100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50

Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	FB-05162025	SDG No.:	Q2075
Lab Sample ID:	Q2075-08	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
VX046293.D	1		05/21/25 13:32	VX052125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
460-00-4	4-Bromofluorobenzene	51.7		77 - 121	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.7		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68000	5.55			
363-72-4	Pentafluorobenzene	68000	5.55			
540-36-3	1,4-Difluorobenzene	135000	6.757			
540-36-3	1,4-Difluorobenzene	135000	6.757			
3114-55-4	Chlorobenzene-d5	128000	10.049			
3114-55-4	Chlorobenzene-d5	128000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	56000	12.018			
3855-82-1	1,4-Dichlorobenzene-d4	56000	12.018			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046293.D
 Acq On : 21 May 2025 13:32
 Operator : JC/MD
 Sample : Q2075-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-05162025

Quant Time: May 22 01:48:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	67975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66150	52.199	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.400%
35) Dibromofluoromethane	5.385	113	48762	50.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.300%
50) Toluene-d8	8.647	98	169067	50.234	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	66765	51.716	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.440%

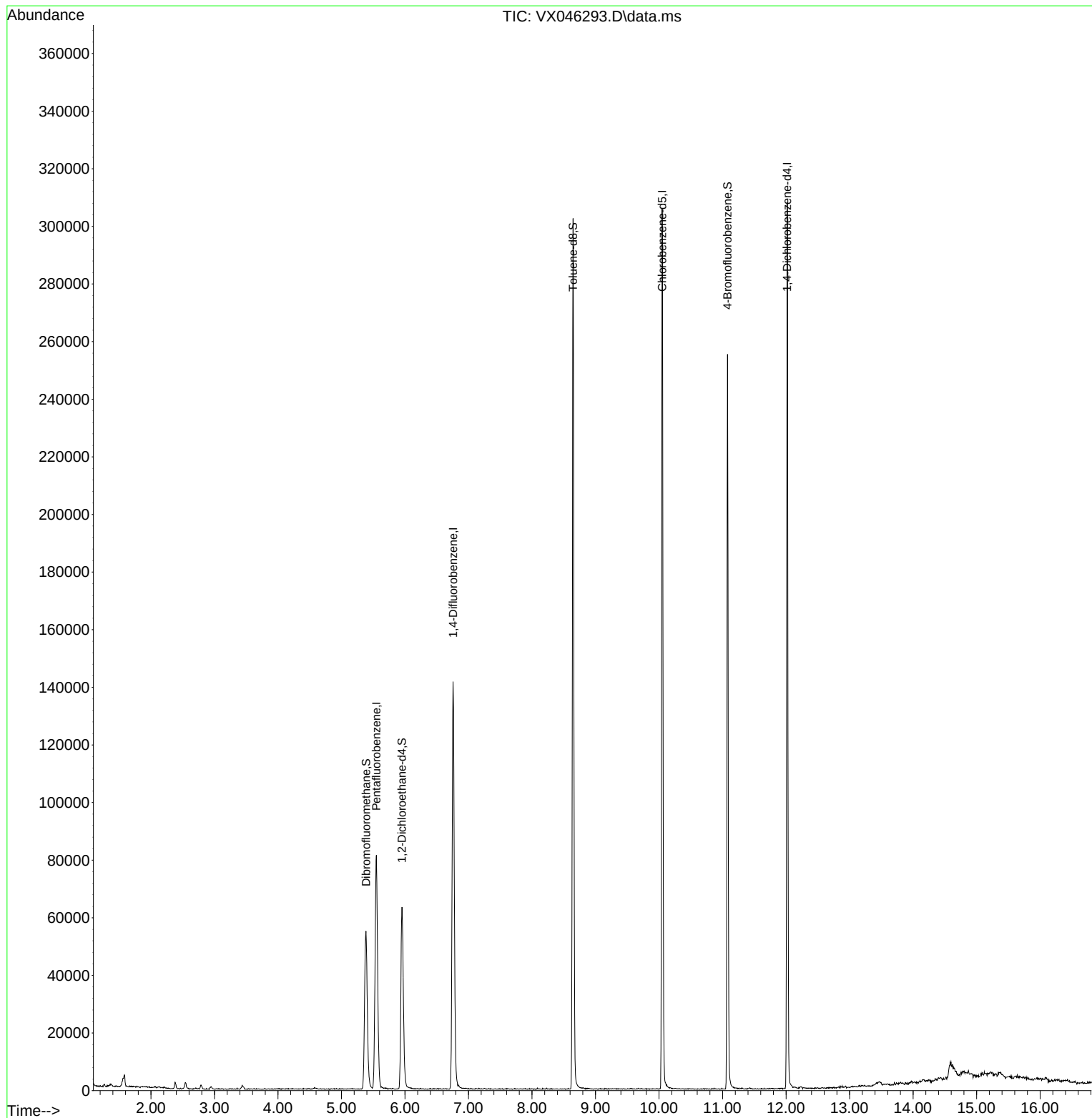
Target Compounds	Qvalue

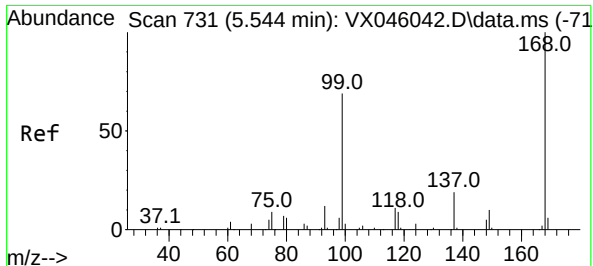
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046293.D
Acq On : 21 May 2025 13:32
Operator : JC/MD
Sample : Q2075-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

Quant Time: May 22 01:48:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

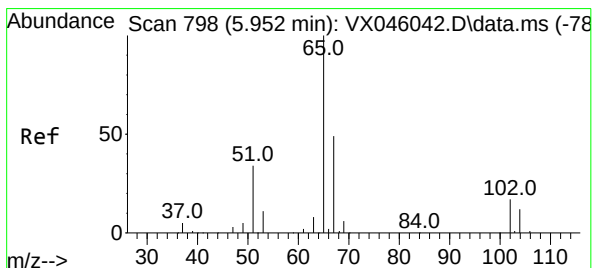
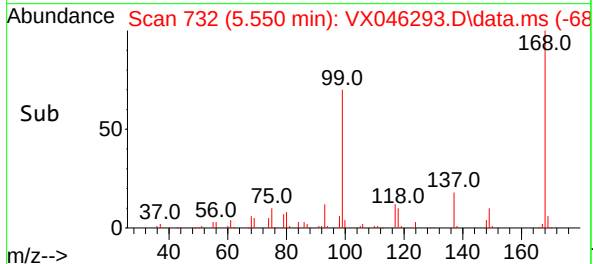
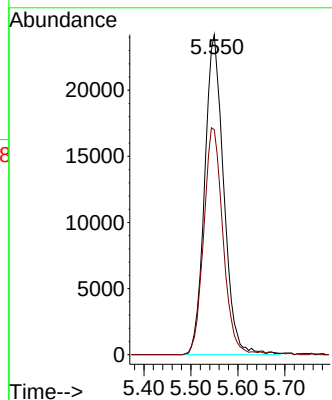
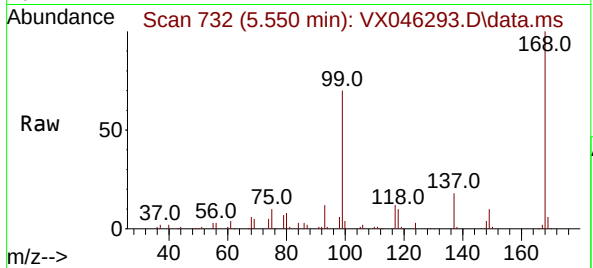




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

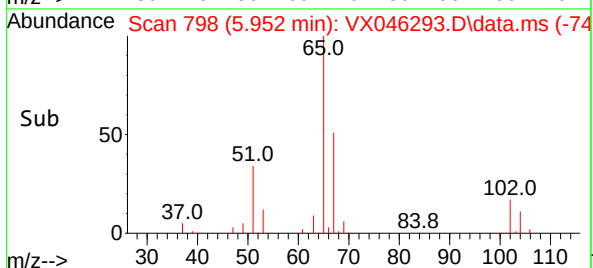
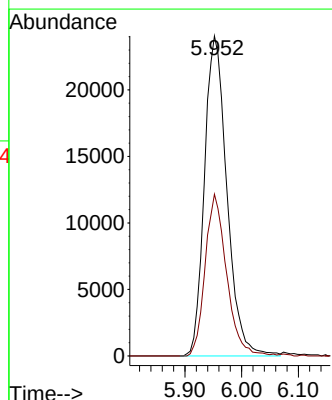
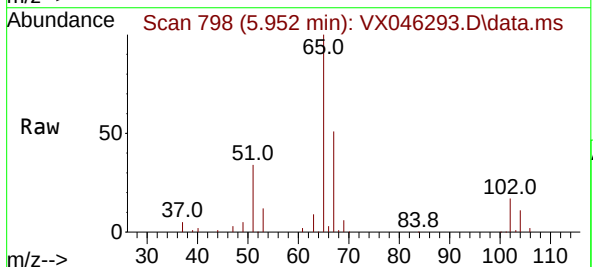
Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

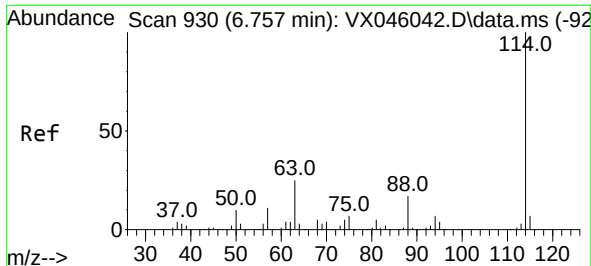
Tgt Ion:168 Resp: 67975
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 52.199 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion: 65 Resp: 66150
Ion Ratio Lower Upper
65 100
67 48.3 0.0 99.0

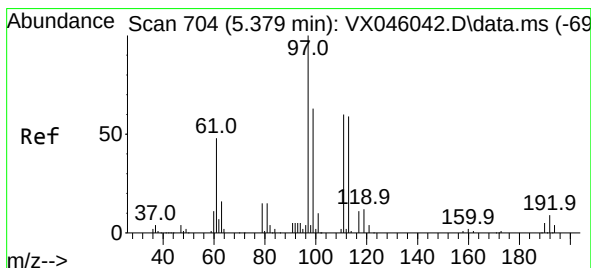
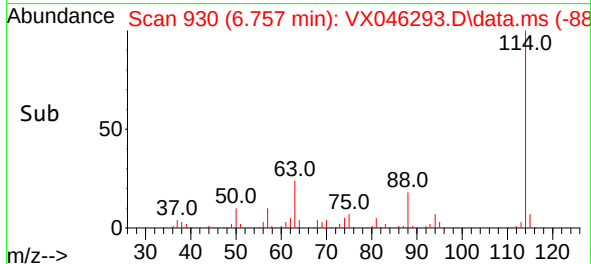
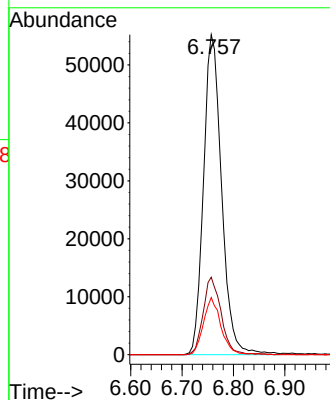
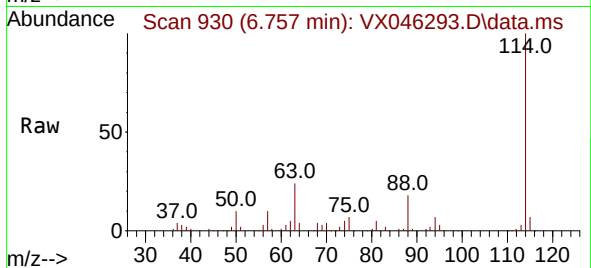




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

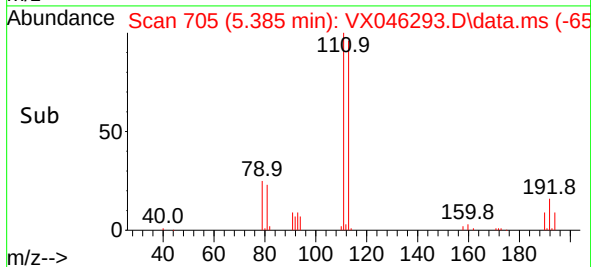
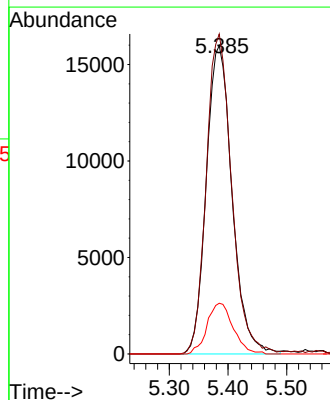
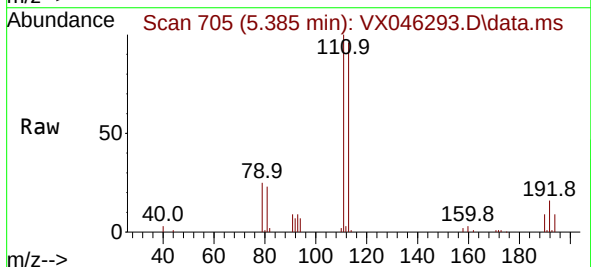
Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

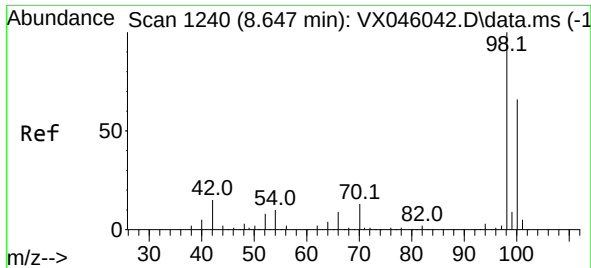
Tgt Ion:114 Resp: 135035
Ion Ratio Lower Upper
114 100
63 24.2 0.0 49.2
88 17.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.146 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion:113 Resp: 48762
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 16.6 13.3 19.9

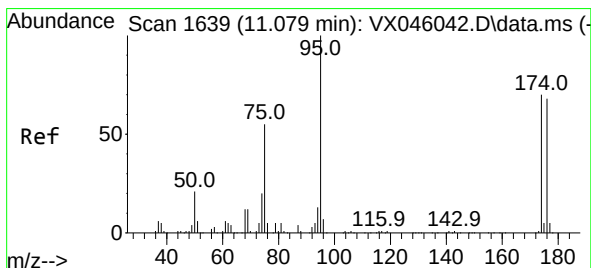
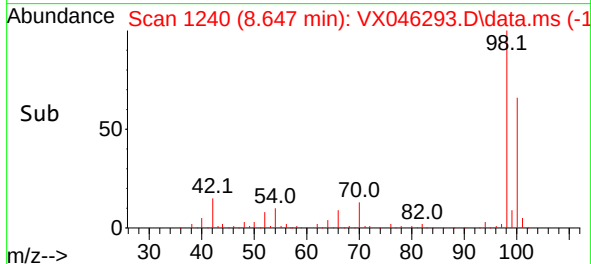
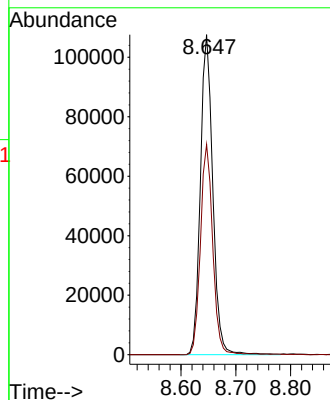
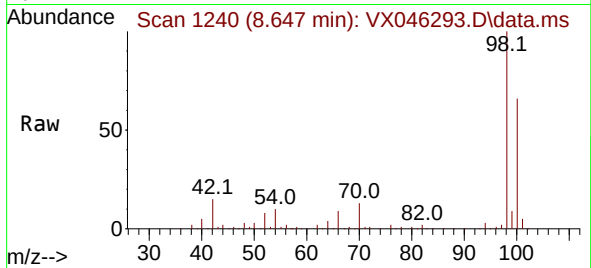




#50
Toluene-d8
Concen: 50.234 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

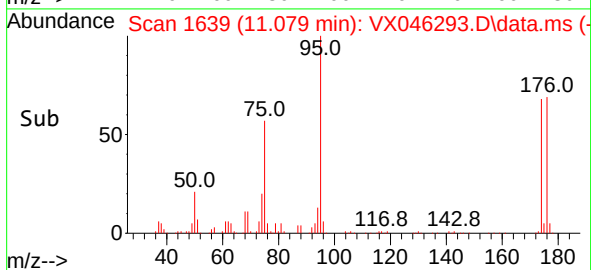
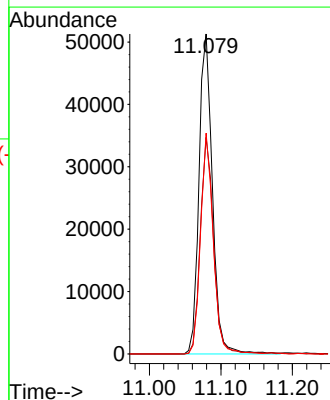
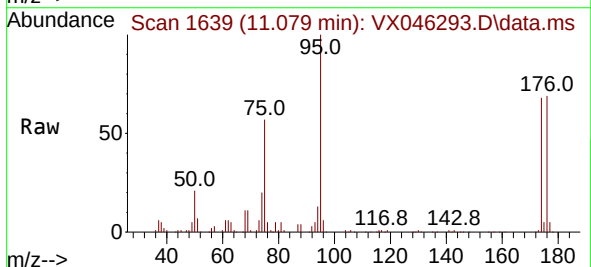
Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

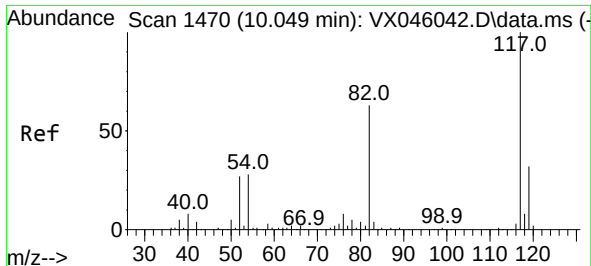
Tgt Ion: 98 Resp: 169067
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion: 95 Resp: 66765
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 65.1 0.0 131.4

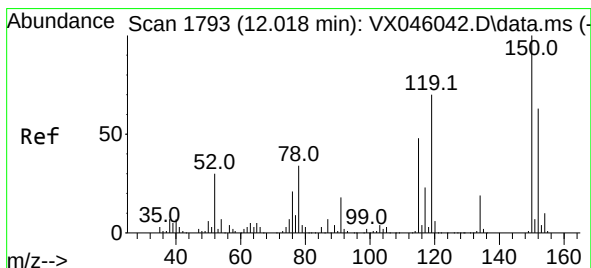
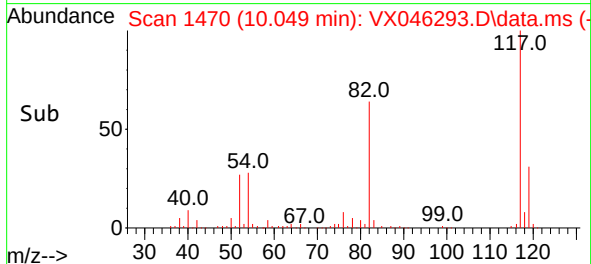
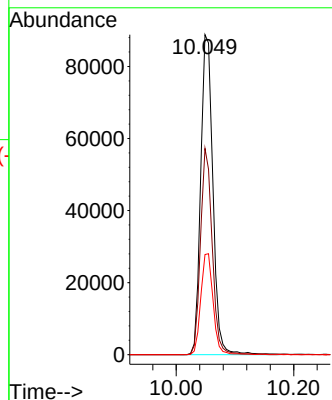
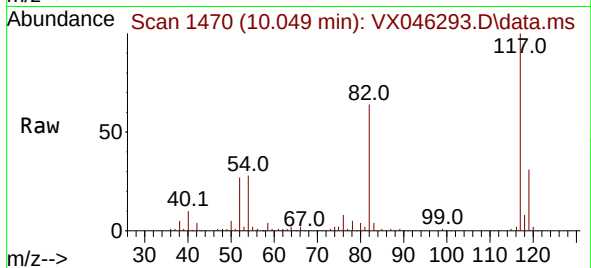




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

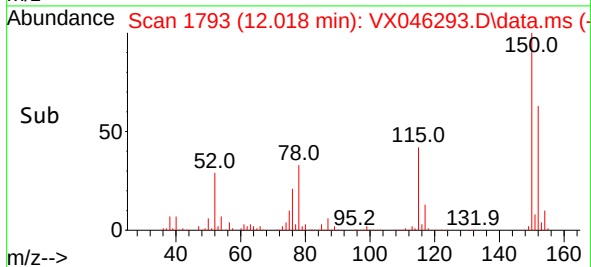
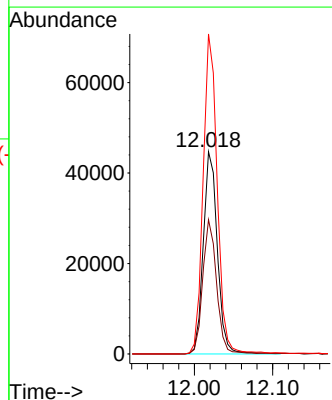
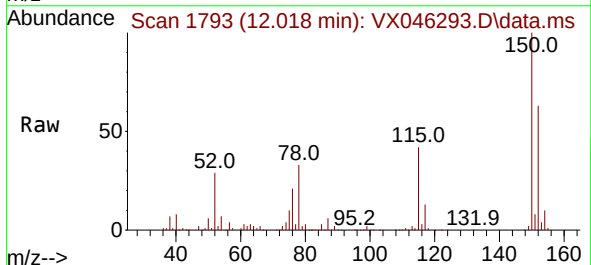
Instrument :
MSVOA_X
ClientSampleId :
FB-05162025

Tgt Ion:117 Resp: 128288
Ion Ratio Lower Upper
117 100
82 64.4 50.6 76.0
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046293.D
Acq: 21 May 2025 13:32

Tgt Ion:152 Resp: 55957
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 158.4 0.0 351.0





CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG No.: Q2075
 Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025
 Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF020 = VX046041.D		RRF050 = VX046042.D		RRF100 = VX046043.D			
		RRF150 = VX046044.D		RRF005 = VX046046.D		RRF001 = VX046047.D			
COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	RRF	% RSD	
Benzene	1.426	1.474	1.441	1.477	1.337	1.348	1.417	4.3	
Toluene	0.884	0.898	0.885	0.904	0.838	0.803	0.869	4.5	
Ethyl Benzene	1.919	2.022	1.979	2.036	1.816	1.803	1.929	5.2	
m/p-Xylenes	0.706	0.740	0.721	0.740	0.678	0.648	0.706	5.2	
o-Xylene	0.688	0.727	0.706	0.726	0.639	0.642	0.688	5.7	
Isopropylbenzene	3.843	4.130	3.876	4.156	3.562	3.789	3.893	5.7	
n-propylbenzene	4.394	4.854	4.583	4.868	4.186	4.272	4.526	6.4	
1,3,5-Trimethylbenzene	3.275	3.488	3.255	3.405	3.053	3.036	3.252	5.6	
tert-Butylbenzene	3.115	3.435	3.255	3.411	3.098	3.341	3.276	4.4	
1,2,4-Trimethylbenzene	3.274	3.522	3.335	3.444	3.034	3.150	3.293	5.5	
sec-Butylbenzene	3.937	4.282	4.095	4.343	3.767	3.708	4.022	6.6	
p-Isopropyltoluene	3.206	3.555	3.450	3.599	3.084	3.025	3.320	7.4	
n-Butylbenzene	2.748	3.147	3.139	3.346	2.650	2.443	2.912	12	
1,2-Dichloroethane-d4	0.953	0.910	0.930	0.932	0.935		0.932	1.6	
Dibromofluoromethane	0.359	0.355	0.364	0.368	0.354		0.360	1.7	
Toluene-d8	1.246	1.223	1.266	1.275	1.221		1.246	2	
4-Bromofluorobenzene	0.455	0.470	0.500	0.500	0.464		0.478	4.4	

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

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X050525W.M
 Title : SW846 8260
 Last Update : Tue May 06 07:12:22 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX046047.D 5 =VX046046.D 20 =VX046041.D 50 =VX046042.D 100 =VX046043.D 150 =VX046044.D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.658	0.639	0.697	0.864	0.859	0.875	0.765	14.62
3) P	Chloromethane	0.694	0.679	0.727	0.775	0.787	0.791	0.742	6.58
4) C	Vinyl Chloride	0.673	0.619	0.660	0.710	0.727	0.755	0.691	7.17#
5) T	Bromomethane		0.305	0.296	0.326	0.340	0.334	0.320	5.84
6) T	Chloroethane	0.467	0.368	0.354	0.378	0.329	0.317	0.369	14.44
7) T	Trichlorofluor...	1.064	0.990	1.035	1.068	0.983	0.985	1.021	3.92
8) T	Diethyl Ether	0.403	0.311	0.340	0.337	0.338	0.355	0.347	8.83
9) T	1,1,2-Trichlor...	0.633	0.610	0.628	0.641	0.629	0.648	0.632	2.10
10) T	Methyl Iodide		0.608	0.767	0.806	0.793	0.763	0.747	10.68
11) T	Tert butyl alc...		0.114	0.122	0.129	0.144	0.146	0.131	10.45
12) CM	1,1-Dichloroet...	0.594	0.567	0.565	0.601	0.607	0.625	0.593	3.94#
13) T	Acrolein		0.117	0.158	0.152	0.154	0.163	0.149	12.33
14) T	Allyl chloride	1.052	1.058	1.127	1.179	1.187	1.196	1.133	5.75
15) T	Acrylonitrile	0.363	0.345	0.378	0.388	0.381	0.390	0.374	4.52
16) T	Acetone	0.380	0.408	0.361	0.362	0.361	0.370	0.374	4.90
17) T	Carbon Disulfide	1.423	1.141	1.295	1.455	1.522	1.597	1.406	11.68
18) T	Methyl Acetate	1.006	0.816	0.814	0.848	0.845	0.875	0.867	8.27
19) T	Methyl tert-bu...	1.949	1.908	2.044	2.160	2.172	2.239	2.079	6.39
20) T	Methylene Chlo...	0.853	0.689	0.689	0.684	0.691	0.691	0.716	9.39
21) T	trans-1,2-Dich...	0.604	0.557	0.573	0.610	0.612	0.622	0.596	4.27
22) T	Diisopropyl ether	2.095	1.924	2.219	2.278	2.295	2.321	2.189	6.97
23) T	Vinyl Acetate	1.660	1.698	1.928	2.048	2.082	2.134	1.925	10.52
24) P	1,1-Dichloroet...	1.116	1.154	1.233	1.263	1.263	1.286	1.219	5.60
25) T	2-Butanone	0.495	0.539	0.540	0.555	0.558	0.569	0.543	4.77
26) T	2,2-Dichloropr...	0.965	0.850	0.910	0.957	1.003	1.039	0.954	7.03
27) T	cis-1,2-Dichlo...	0.719	0.642	0.716	0.737	0.738	0.755	0.718	5.55
28) T	Bromochloromet...	0.576	0.553	0.628	0.578	0.595	0.590	0.587	4.28
29) T	Tetrahydrofuran	0.318	0.318	0.340	0.350	0.351	0.362	0.340	5.36
30) C	Chloroform	1.265	1.199	1.287	1.296	1.277	1.300	1.271	2.95#
31) T	Cyclohexane		1.059	1.090	1.128	1.128	1.150	1.111	3.26
32) T	1,1,1-Trichlor...	1.015	1.013	1.106	1.131	1.155	1.188	1.101	6.60
33) S	1,2-Dichloroet...		0.935	0.953	0.910	0.930	0.932	0.932	1.65
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.354	0.359	0.355	0.364	0.368	0.360	1.70
36) T	1,1-Dichloropr...	0.493	0.462	0.463	0.495	0.483	0.505	0.484	3.68
37) T	Ethyl Acetate	0.586	0.582	0.569	0.611	0.609	0.631	0.598	3.83
38) T	Carbon Tetrach...	0.541	0.505	0.528	0.558	0.552	0.577	0.544	4.61
39) T	Methylcyclohexane	0.627	0.587	0.596	0.641	0.627	0.658	0.623	4.34
40) TM	Benzene	1.348	1.337	1.426	1.474	1.441	1.477	1.417	4.30
41) T	Methacrylonitrile	0.233	0.288	0.318	0.346	0.343	0.348	0.313	14.50
42) TM	1,2-Dichloroet...	0.579	0.594	0.632	0.627	0.611	0.625	0.612	3.45
43) T	Isopropyl Acetate	0.764	0.826	0.905	0.963	0.982	1.030	0.912	11.05
44) TM	Trichloroethene	0.324	0.315	0.344	0.355	0.345	0.362	0.341	5.28
45) C	1,2-Dichloropr...	0.317	0.324	0.356	0.371	0.368	0.378	0.352	7.37#
46) T	Dibromomethane	0.263	0.262	0.285	0.287	0.280	0.289	0.278	4.35
47) T	Bromodichlorom...	0.485	0.498	0.557	0.577	0.573	0.594	0.547	8.22
48) T	Methyl methacr...	0.370	0.426	0.465	0.502	0.500	0.531	0.466	12.75
49) T	1,4-Dioxane	0.007	0.009	0.009	0.009	0.009	0.010	0.009	8.45
50) S	Toluene-d8		1.221	1.246	1.223	1.266	1.275	1.246	1.95
51) T	4-Methyl-2-Pen...	0.561	0.555	0.620	0.634	0.630	0.631	0.605	6.04
52) CM	Toluene	0.803	0.838	0.884	0.898	0.885	0.904	0.869	4.54#
53) T	t-1,3-Dichloro...	0.371	0.406	0.468	0.528	0.555	0.591	0.487	17.86
54) T	cis-1,3-Dichlo...	0.423	0.469	0.531	0.578	0.602	0.623	0.538	14.61
55) T	1,1,2-Trichlor...	0.308	0.337	0.349	0.354	0.351	0.356	0.343	5.30
56) T	Ethyl methacry...	0.377	0.508	0.540	0.595	0.617	0.639	0.546	17.58

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X050525W.M

57)	T	1,3-Dichloropr...	0.610	0.601	0.618	0.623	0.613	0.627	0.615	1.53
58)	T	2-Chloroethyl ...	0.230	0.247	0.270	0.307	0.303	0.313	0.278	12.41
59)	T	2-Hexanone	0.385	0.414	0.466	0.473	0.477	0.473	0.448	8.69
60)	T	Dibromochlorom...	0.306	0.326	0.378	0.400	0.415	0.431	0.376	13.28
61)	T	1,2-Dibromoethane	0.322	0.333	0.359	0.373	0.368	0.381	0.356	6.54
62)	S	4-Bromofluorob...		0.464	0.455	0.470	0.500	0.500	0.478	4.41
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.347	0.323	0.390	0.375	0.345	0.344	0.354	6.84
65)	PM	Chlorobenzene	1.131	1.046	1.093	1.098	1.085	1.114	1.094	2.65
66)	T	1,1,1,2-Tetrac...	0.369	0.341	0.365	0.390	0.382	0.395	0.374	5.22
67)	C	Ethyl Benzene	1.803	1.816	1.919	2.022	1.979	2.036	1.929	5.24#
68)	T	m/p-Xylenes	0.648	0.678	0.706	0.740	0.721	0.740	0.706	5.21
69)	T	o-Xylene	0.642	0.639	0.688	0.727	0.706	0.726	0.688	5.75
70)	T	Styrene	0.951	1.012	1.135	1.219	1.214	1.230	1.127	10.56
71)	P	Bromoform	0.234	0.236	0.270	0.304	0.312	0.327	0.281	14.17
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.789	3.562	3.843	4.130	3.876	4.156	3.893	5.72
74)	T	N-amyl acetate	1.715	1.652	1.846	2.067	2.068	2.192	1.924	11.32
75)	P	1,1,2,2-Tetrac...	1.552	1.350	1.315	1.338	1.284	1.345	1.364	6.97
76)	T	1,2,3-Trichlor...	1.405	1.167	1.151	1.187	1.131	1.181	1.204	8.36
77)	T	Bromobenzene	0.926	0.862	0.896	0.928	0.883	0.928	0.904	3.08
78)	T	n-propylbenzene	4.272	4.186	4.394	4.854	4.583	4.868	4.526	6.45
79)	T	2-Chlorotoluene	3.184	2.748	2.832	2.994	2.805	2.953	2.919	5.45
80)	T	1,3,5-Trimethy...	3.036	3.053	3.275	3.487	3.255	3.405	3.252	5.60
81)	T	trans-1,4-Dich...		0.269	0.335	0.385	0.410	0.449	0.370	18.91
82)	T	4-Chlorotoluene	3.226	2.939	3.196	3.430	3.255	3.379	3.238	5.32
83)	T	tert-Butylbenzene	3.341	3.098	3.115	3.435	3.255	3.411	3.276	4.44
84)	T	1,2,4-Trimethy...	3.150	3.034	3.274	3.522	3.335	3.444	3.293	5.52
85)	T	sec-Butylbenzene	3.708	3.767	3.937	4.282	4.095	4.343	4.022	6.55
86)	T	p-Isopropyltol...	3.025	3.084	3.206	3.555	3.450	3.599	3.320	7.44
87)	T	1,3-Dichlorobe...	1.619	1.558	1.633	1.701	1.656	1.729	1.649	3.71
88)	T	1,4-Dichlorobe...	1.817	1.606	1.629	1.693	1.639	1.722	1.684	4.64
89)	T	n-Butylbenzene	2.443	2.650	2.748	3.147	3.139	3.346	2.912	12.00
90)	T	Hexachloroethane	0.511	0.523	0.551	0.622	0.622	0.680	0.585	11.44
91)	T	1,2-Dichlorobe...	1.710	1.577	1.613	1.696	1.634	1.702	1.655	3.34
92)	T	1,2-Dibromo-3-...	0.259	0.248	0.299	0.322	0.329	0.356	0.302	13.89
93)	T	1,2,4-Trichlor...	0.862	0.842	0.861	0.981	1.035	1.123	0.951	12.03
94)	T	Hexachlorobuta...	0.393	0.414	0.394	0.427	0.418	0.445	0.415	4.79
95)	T	Naphthalene	3.499	2.929	3.204	3.613	3.690	3.984	3.487	10.69
96)	T	1,2,3-Trichlor...	0.941	0.846	0.921	1.019	1.051	1.107	0.981	9.74

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046041.D
 Acq On : 05 May 2025 11:35
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:08:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	83671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	31909	12.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	25.640%#		
35) Dibromofluoromethane	5.385	113	21112	12.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	25.600%#		
50) Toluene-d8	8.646	98	73333	13.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	26.400%#		
62) 4-Bromofluorobenzene	11.079	95	26760	13.236	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	26.480%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23341	12.638	ug/l	96
3) Chloromethane	1.306	50	24316	13.371	ug/l	98
4) Vinyl Chloride	1.373	62	22096	13.868	ug/l	94
5) Bromomethane	1.593	94	9920	12.279	ug/l	93
6) Chloroethane	1.666	64	11832	14.414	ug/l	95
7) Trichlorofluoromethane	1.873	101	34636	14.271	ug/l	100
8) Diethyl Ether	2.129	74	11392	14.278	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	21027	14.499	ug/l	98
10) Methyl Iodide	2.446	142	25661	15.070	ug/l	99
11) Tert butyl alcohol	2.971	59	20370	68.662	ug/l	97
12) 1,1-Dichloroethene	2.312	96	18899	13.385	ug/l	98
13) Acrolein	2.233	56	26427	76.689	ug/l	95
14) Allyl chloride	2.660	41	37708	14.133	ug/l	99
15) Acrylonitrile	3.062	53	63290	71.312	ug/l	98
16) Acetone	2.379	43	60363	70.884	ug/l	99
17) Carbon Disulfide	2.501	76	43348	13.251	ug/l	100
18) Methyl Acetate	2.702	43	27234	13.397	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	68402	13.890	ug/l	100
20) Methylene Chloride	2.782	84	23050	13.362	ug/l	96
21) trans-1,2-Dichloroethene	3.086	96	19161	13.294	ug/l	96
22) Diisopropyl ether	3.763	45	74257	14.896	ug/l	95
23) Vinyl Acetate	3.720	43	322598	73.230	ug/l	100
24) 1,1-Dichloroethane	3.605	63	41257	14.082	ug/l	98
25) 2-Butanone	4.556	43	90331	73.489	ug/l	98
26) 2,2-Dichloropropane	4.470	77	30472	13.729	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	23970	13.791	ug/l	98
28) Bromochloromethane	4.897	49	21028	13.497	ug/l	99
29) Tetrahydrofuran	5.007	42	56819	71.175	ug/l	100
30) Chloroform	5.086	83	43065	14.144	ug/l	95
31) Cyclohexane	5.458	56	36470	14.769	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	37003	14.092	ug/l	98
36) 1,1-Dichloropropene	5.684	75	27242	14.231	ug/l	98
37) Ethyl Acetate	4.720	43	33458	13.931	ug/l	98
38) Carbon Tetrachloride	5.671	117	31091	14.137	ug/l	98
39) Methylcyclohexane	7.372	83	35077	14.623	ug/l	99
40) Benzene	6.031	78	83898	14.140	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046041.D
 Acq On : 05 May 2025 11:35
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:08:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	18732	14.038	ug/l	95
42) 1,2-Dichloroethane	6.080	62	37203	15.165	ug/l	100
43) Isopropyl Acetate	6.342	43	53275	14.512	ug/l	99
44) Trichloroethene	7.116	130	20239	14.429	ug/l	99
45) 1,2-Dichloropropane	7.427	63	20940	14.204	ug/l	98
46) Dibromomethane	7.580	93	16781	14.439	ug/l	99
47) Bromodichloromethane	7.817	83	32762	14.545	ug/l	94
48) Methyl methacrylate	7.689	41	27374	14.521	ug/l	100
49) 1,4-Dioxane	7.659	88	10585	282.442	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	182455	75.775	ug/l	98
52) Toluene	8.713	92	52030	14.788	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27549	14.566	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	31226	14.154	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	20536	14.442	ug/l	96
56) Ethyl methacrylate	9.116	69	31787	14.425	ug/l	98
57) 1,3-Dichloropropane	9.305	76	36341	14.417	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	79531	80.312	ug/l	100
59) 2-Hexanone	9.427	43	137054	74.997	ug/l	99
60) Dibromochloromethane	9.518	129	22267	14.387	ug/l	99
61) 1,2-Dibromoethane	9.610	107	21113	14.458	ug/l	96
64) Tetrachloroethene	9.268	164	19924	15.263	ug/l	97
65) Chlorobenzene	10.079	112	55863	14.202	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	18671	14.231	ug/l	98
67) Ethyl Benzene	10.189	91	98113	14.631	ug/l	100
68) m/p-Xylenes	10.299	106	72202	29.806	ug/l	99
69) o-Xylene	10.640	106	35178	14.408	ug/l	96
70) Styrene	10.652	104	58034	14.853	ug/l	98
71) Bromoform	10.799	173	13825	14.030	ug/l #	100
73) Isopropylbenzene	10.957	105	93013	14.096	ug/l	99
74) N-amyl acetate	10.841	43	44684	13.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	31830	13.560	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	27845m	11.039	ug/l	
77) Bromobenzene	11.195	156	21695	14.212	ug/l	96
78) n-propylbenzene	11.298	91	106337	14.376	ug/l	99
79) 2-Chlorotoluene	11.359	91	68534	13.748	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	79261	14.468	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8104	13.371	ug/l	91
82) 4-Chlorotoluene	11.451	91	77338	14.116	ug/l	100
83) tert-Butylbenzene	11.713	119	75382	14.011	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	79232	14.480	ug/l	99
85) sec-Butylbenzene	11.890	105	95271	14.263	ug/l	100
86) p-Isopropyltoluene	12.006	119	77599	14.387	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	39520	13.898	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	39419	14.146	ug/l	99
89) n-Butylbenzene	12.329	91	66506	14.184	ug/l	99
90) Hexachloroethane	12.536	117	13332	13.287	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	39031	14.092	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7232	13.535	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	20846	13.745	ug/l	99
94) Hexachlorobutadiene	13.725	225	9524	13.426	ug/l	97
95) Naphthalene	13.774	128	77542	14.040	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	22301	14.023	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

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

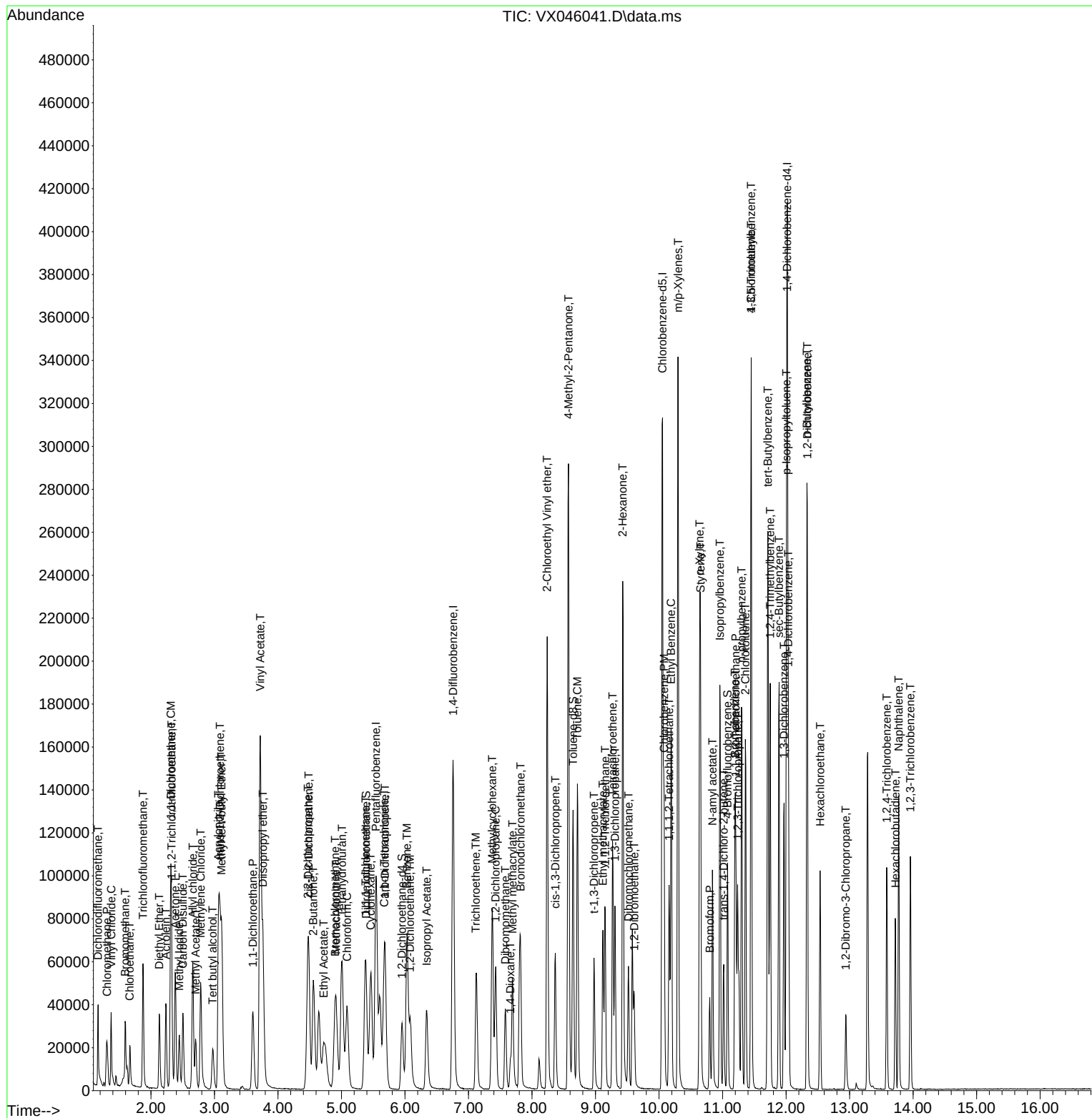
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046041.D
Acq On : 05 May 2025 11:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

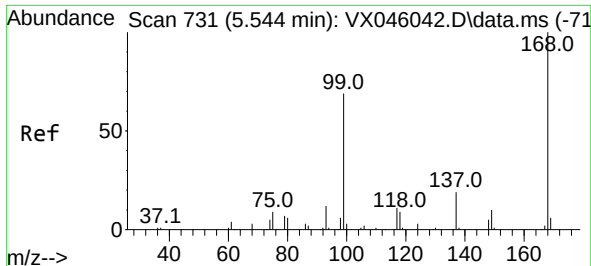
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

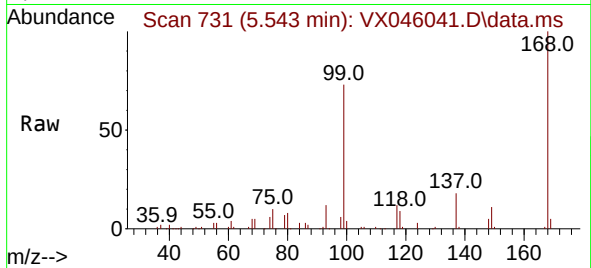
Quant Time: May 06 06:08:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

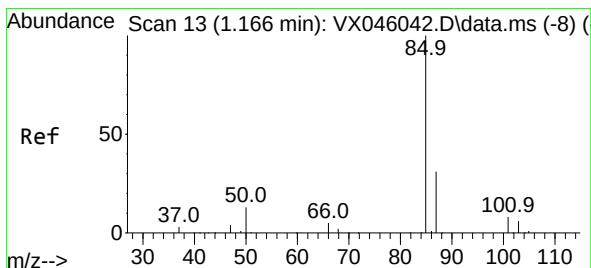
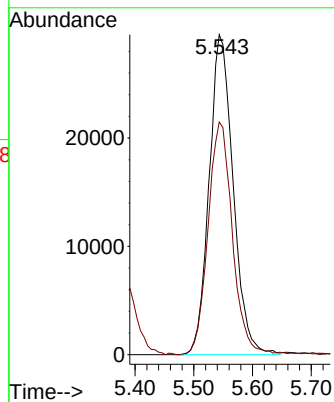
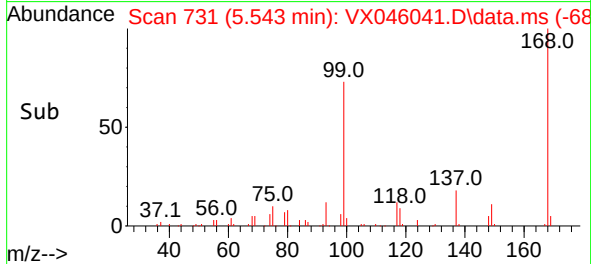
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 8367
Ion Ratio Lower Upper
168 100
99 72.7 54.9 82.3

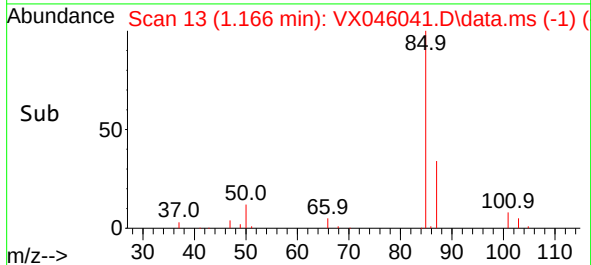
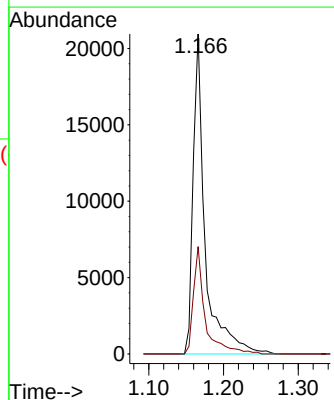
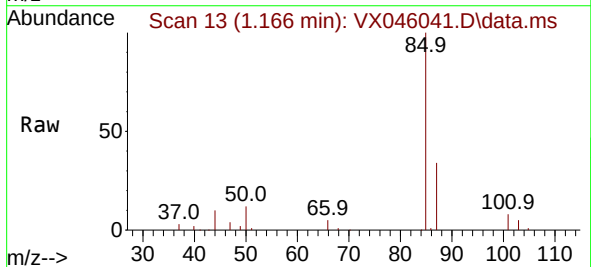
Manual Integrations
APPROVED

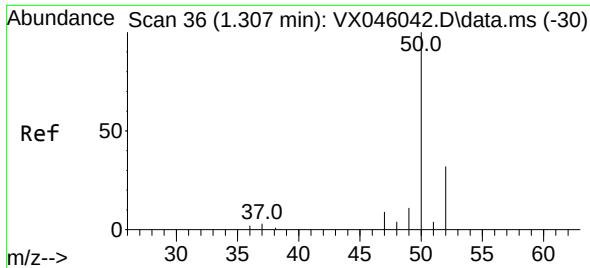
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 12.638 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 85 Resp: 23341
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.1





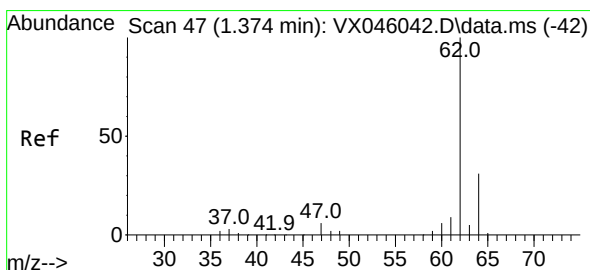
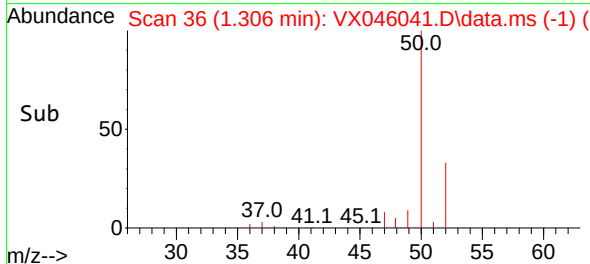
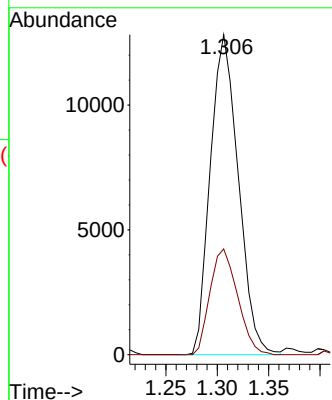
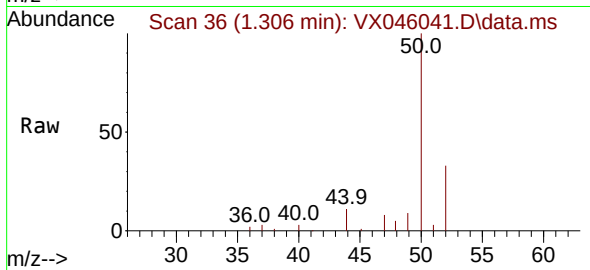
#3
Chloromethane
Concen: 13.371 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 24310
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2

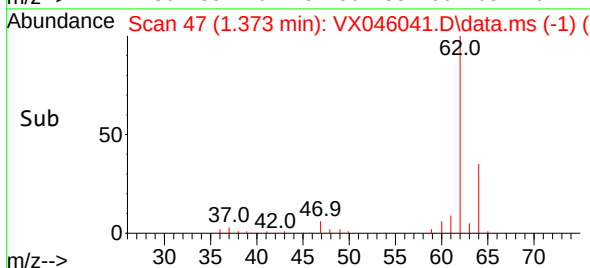
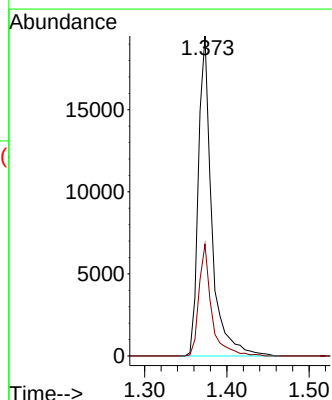
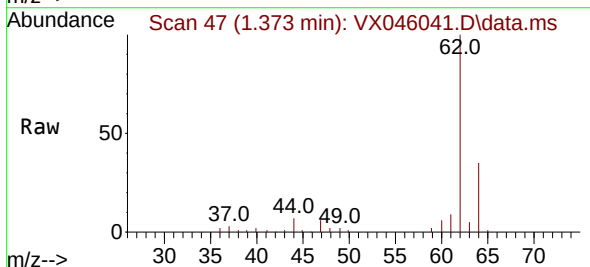
Manual Integrations
APPROVED

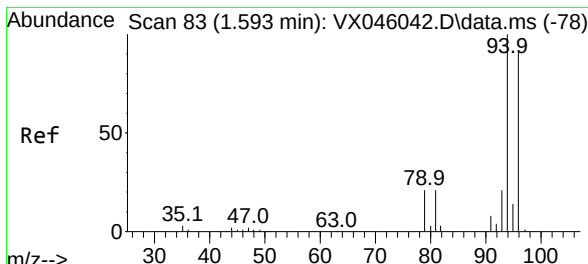
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#4
Vinyl Chloride
Concen: 13.868 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

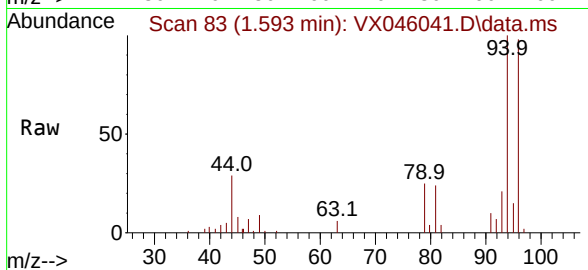
Tgt Ion: 62 Resp: 22096
Ion Ratio Lower Upper
62 100
64 34.9 25.2 37.8





#5
 Bromomethane
 Concen: 12.279 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX046041.D
 Acq: 05 May 2025 11:35

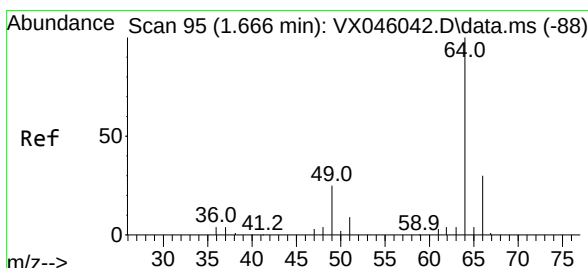
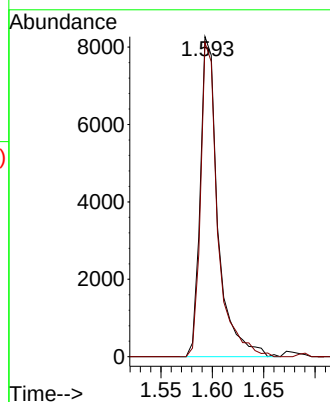
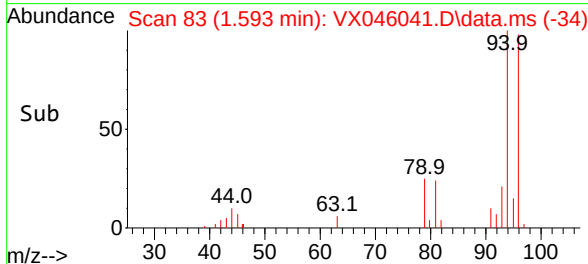
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion: 94 Resp: 9920
 Ion Ratio Lower Upper
 94 100
 96 98.1 72.8 109.2

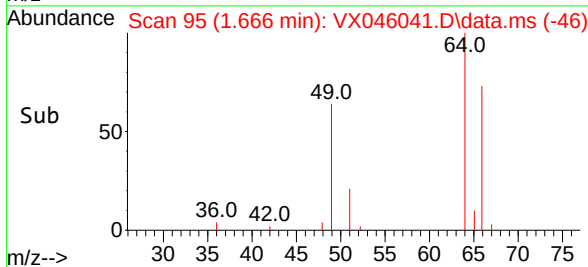
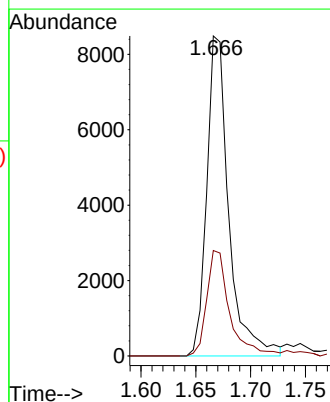
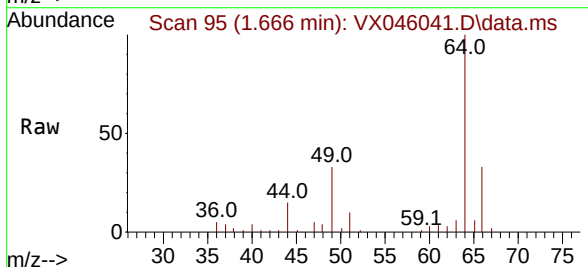
Manual Integrations
 APPROVED

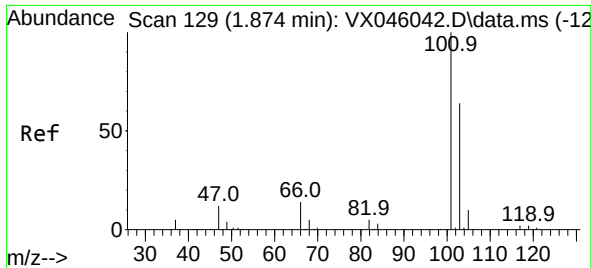
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#6
 Chloroethane
 Concen: 14.414 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VX046041.D
 Acq: 05 May 2025 11:35

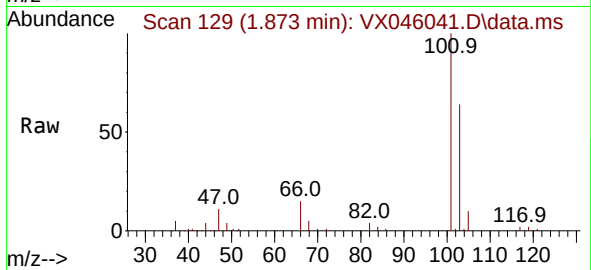
Tgt Ion: 64 Resp: 11832
 Ion Ratio Lower Upper
 64 100
 66 32.9 24.3 36.5





#7
Trichlorofluoromethane
Concen: 14.271 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

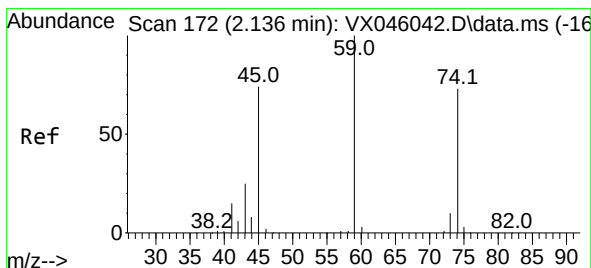
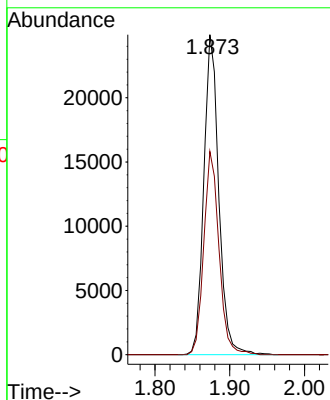
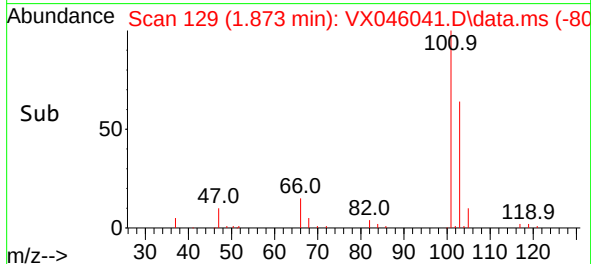
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



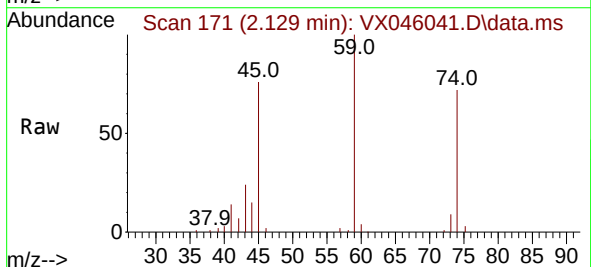
Tgt Ion:101 Resp: 3463
Ion Ratio Lower Upper
101 100
103 63.5 51.0 76.4

Manual Integrations
APPROVED

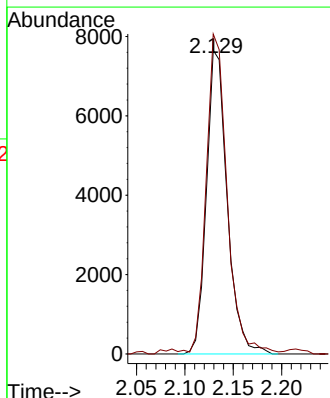
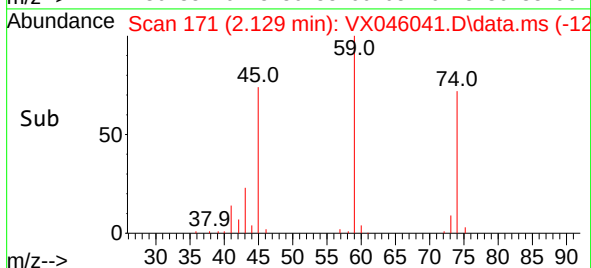
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

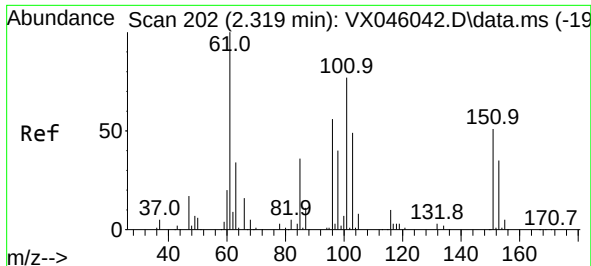


#8
Diethyl Ether
Concen: 14.278 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35



Tgt Ion: 74 Resp: 11392
Ion Ratio Lower Upper
74 100
45 103.7 54.9 164.8





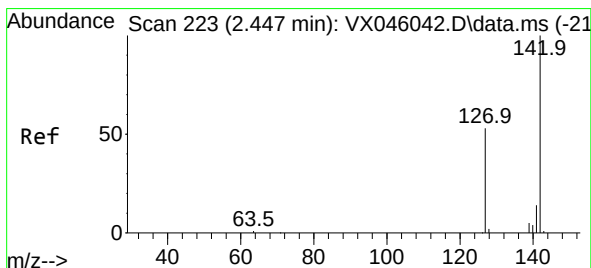
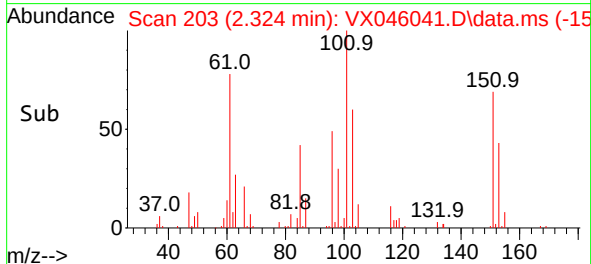
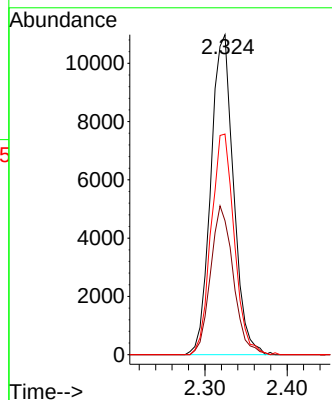
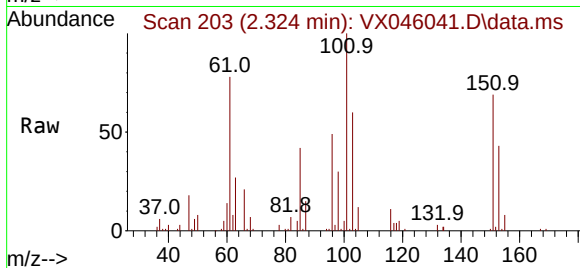
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.499 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2102
Ion Ratio Lower Upper
101 100
85 46.6 38.6 58.0
151 70.4 55.2 82.8

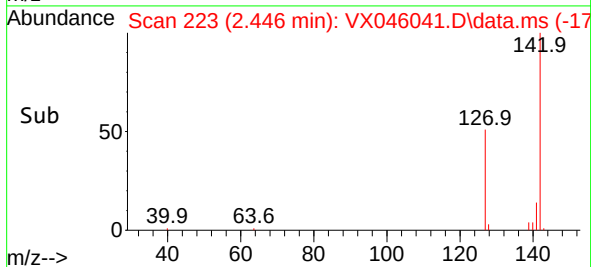
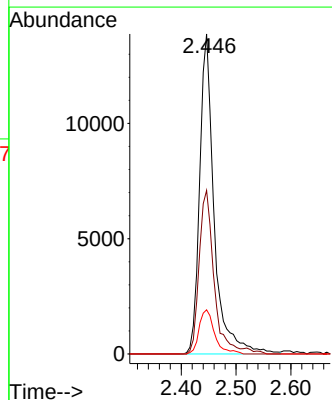
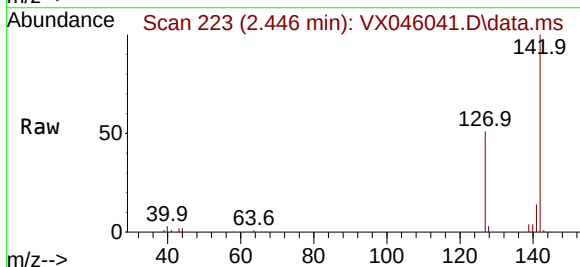
Manual Integrations
APPROVED

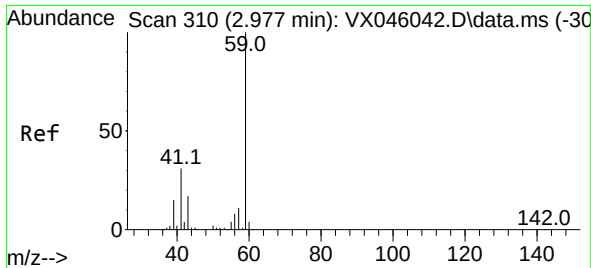
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#10
Methyl Iodide
Concen: 15.070 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

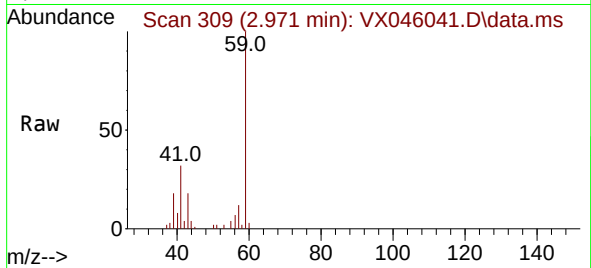
Tgt Ion:142 Resp: 25661
Ion Ratio Lower Upper
142 100
127 53.0 41.7 62.5
141 14.7 11.5 17.3





#11
Tert butyl alcohol
Concen: 68.662 ug/l
RT: 2.971 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

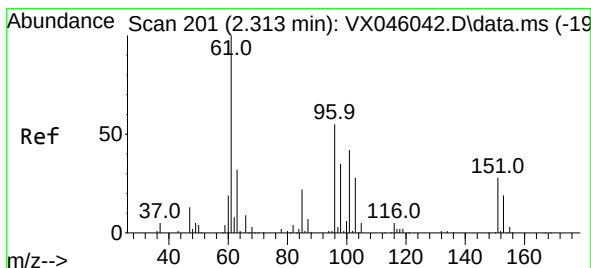
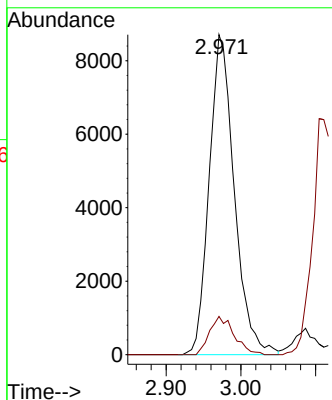
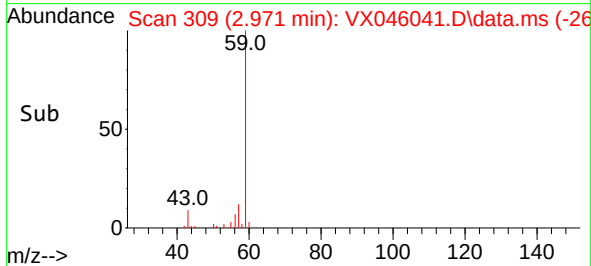
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 20370
Ion Ratio Lower Upper
59 100
57 11.7 8.6 12.8

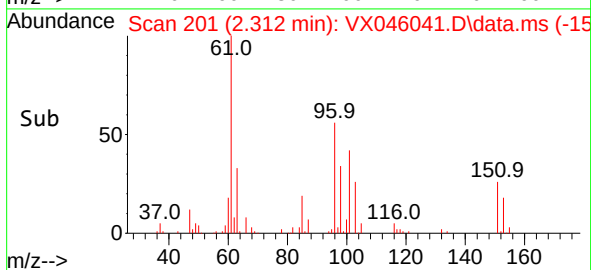
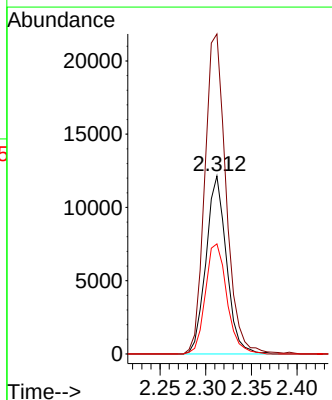
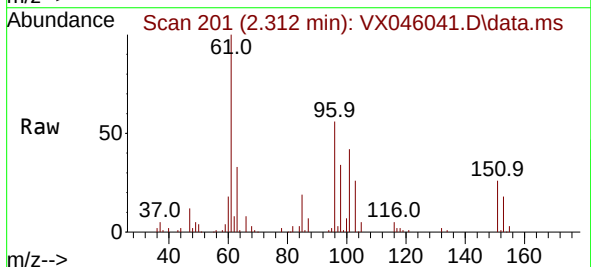
Manual Integrations
APPROVED

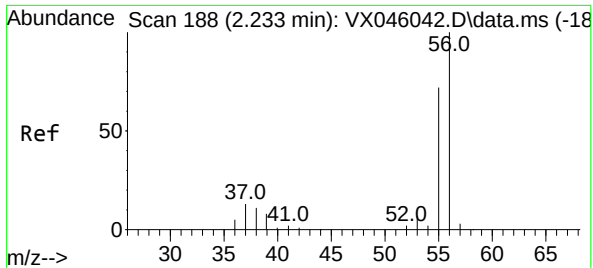
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#12
1,1-Dichloroethene
Concen: 13.385 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 96 Resp: 18899
Ion Ratio Lower Upper
96 100
61 179.8 146.2 219.2
98 61.8 51.0 76.6





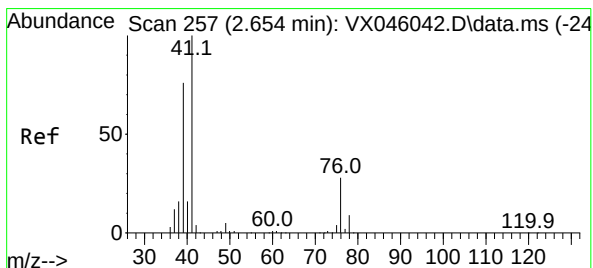
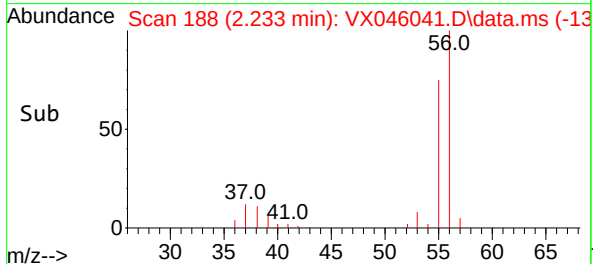
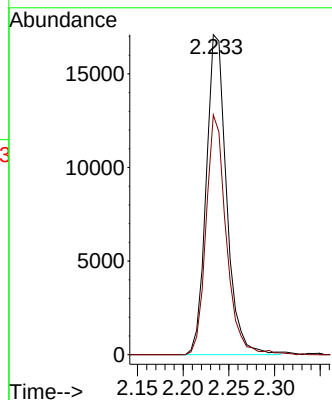
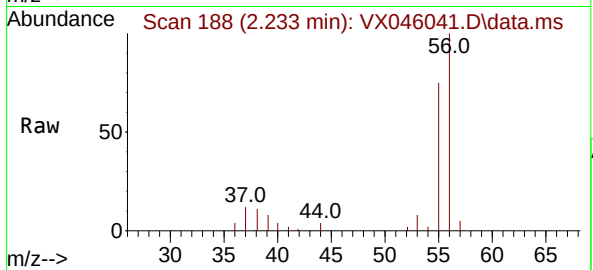
#13
Acrolein
Concen: 76.689 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 2642
Ion Ratio Lower Upper
56 100
55 74.3 56.2 84.4

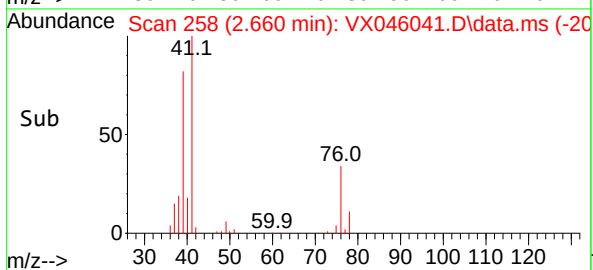
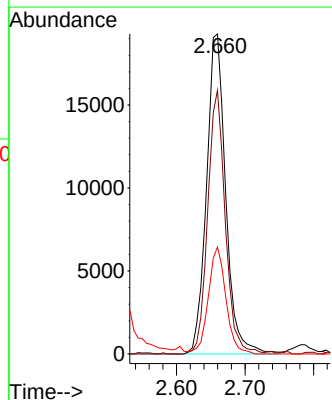
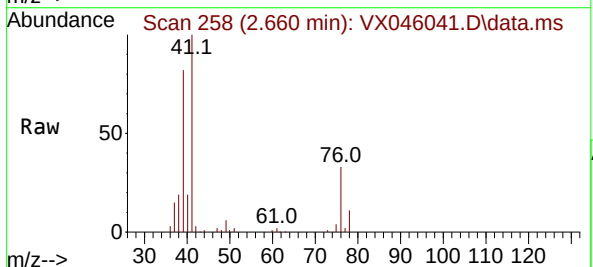
Manual Integrations
APPROVED

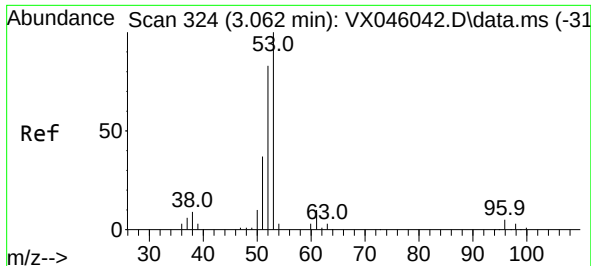
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#14
Allyl chloride
Concen: 14.133 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

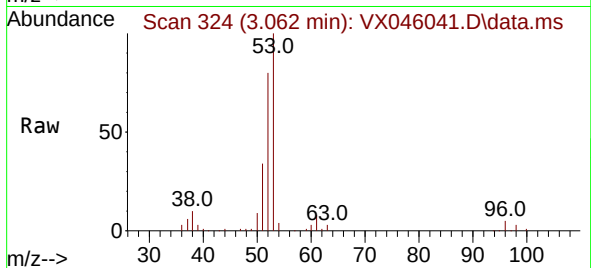
Tgt Ion: 41 Resp: 37708
Ion Ratio Lower Upper
41 100
39 75.0 60.6 90.8
76 30.6 24.9 37.3





#15
Acrylonitrile
Concen: 71.312 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

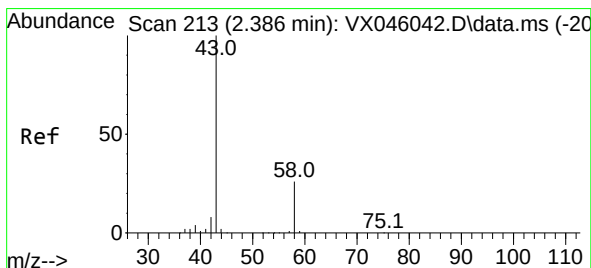
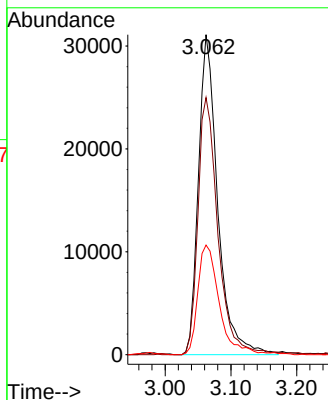
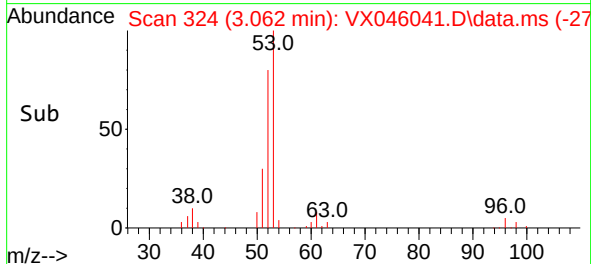
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 63290
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 38.4 29.8 44.8

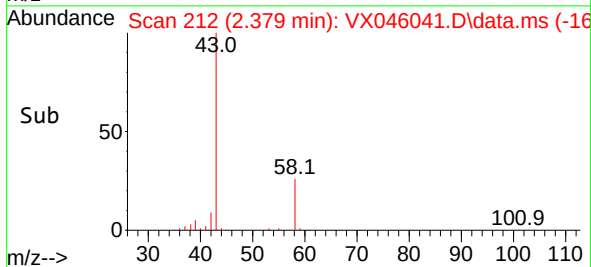
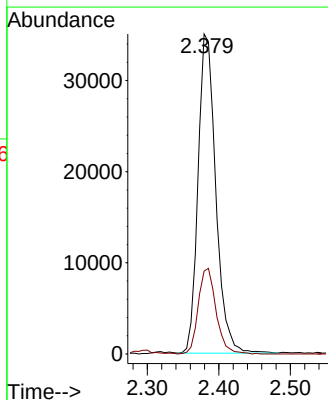
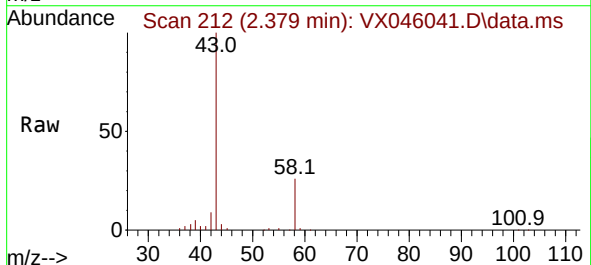
Manual Integrations
APPROVED

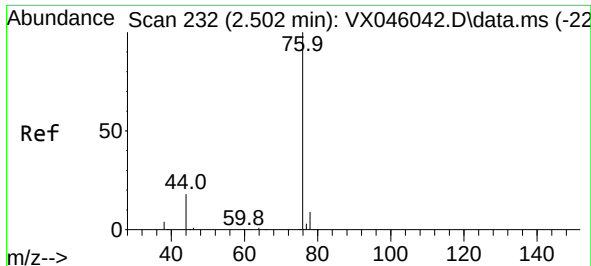
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#16
Acetone
Concen: 70.884 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

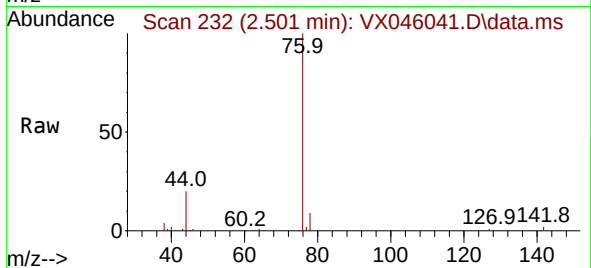
Tgt Ion: 43 Resp: 60363
Ion Ratio Lower Upper
43 100
58 26.0 21.2 31.8





#17
Carbon Disulfide
Concen: 13.251 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

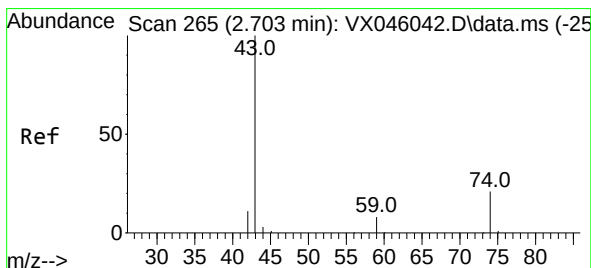
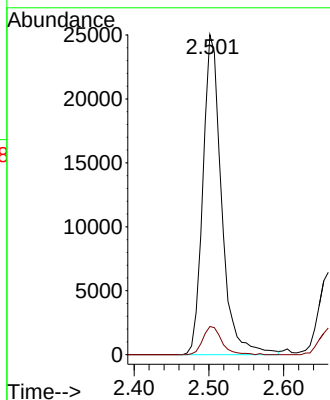
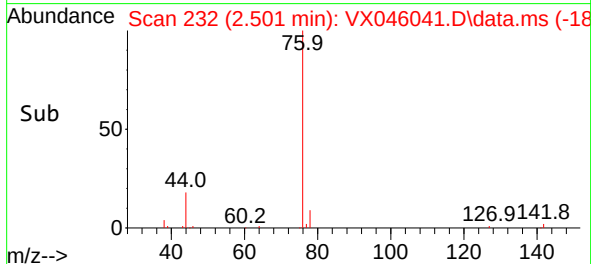
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 43348
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

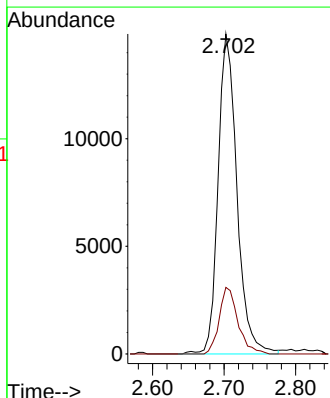
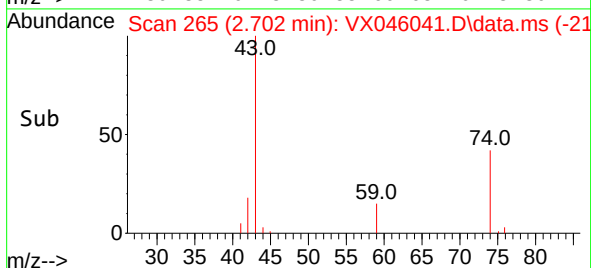
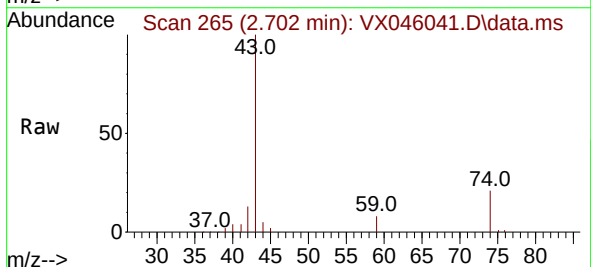
Manual Integrations
APPROVED

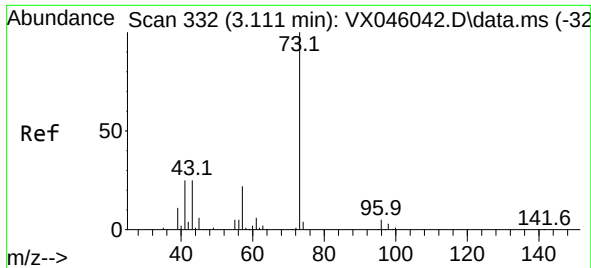
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#18
Methyl Acetate
Concen: 13.397 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 43 Resp: 27234
Ion Ratio Lower Upper
43 100
74 20.7 16.7 25.1





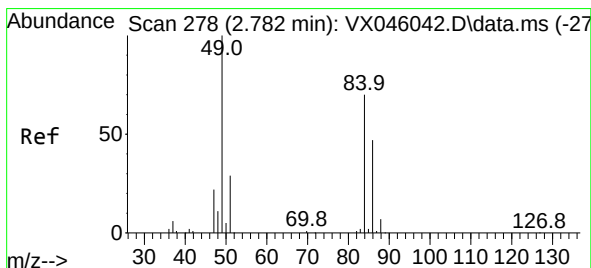
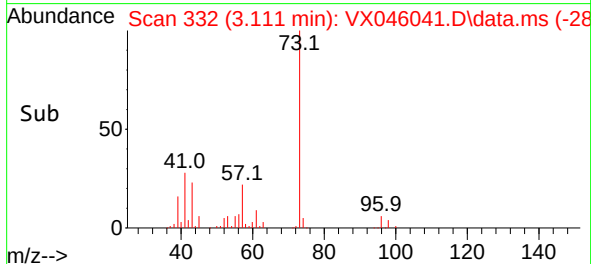
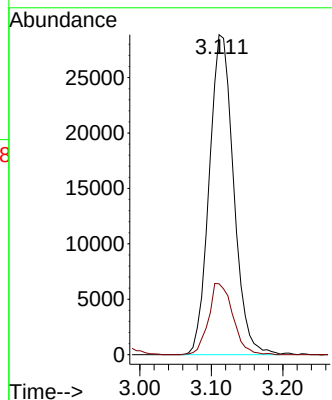
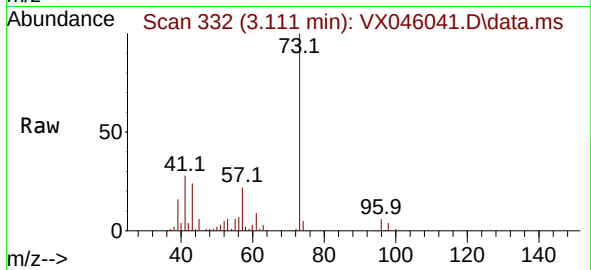
#19
Methyl tert-butyl Ether
Concen: 13.890 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 6840
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5

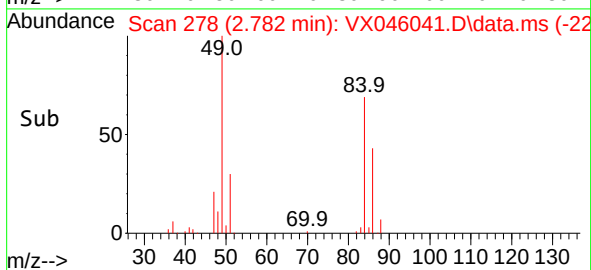
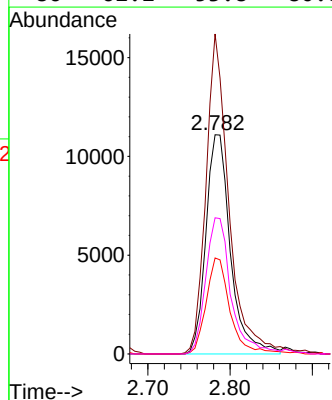
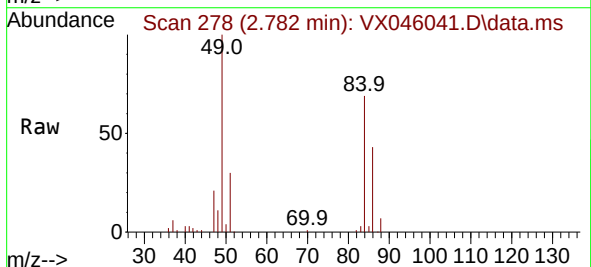
Manual Integrations
APPROVED

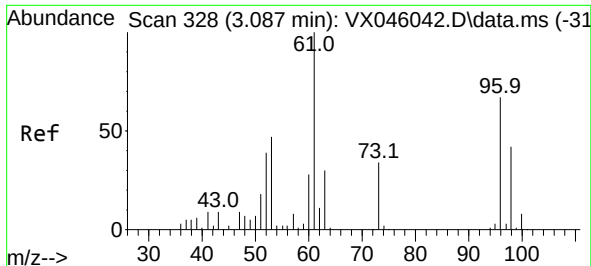
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#20
Methylene Chloride
Concen: 13.362 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

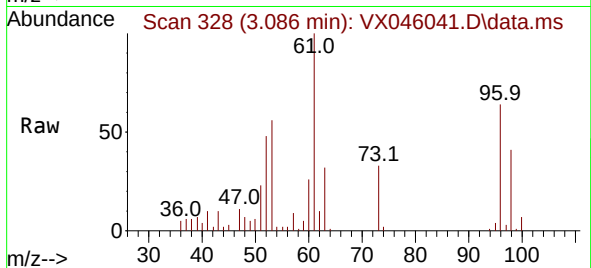
Tgt Ion: 84 Resp: 23050
Ion Ratio Lower Upper
84 100
49 146.0 113.9 170.9
51 43.8 33.5 50.3
86 62.2 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 13.294 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

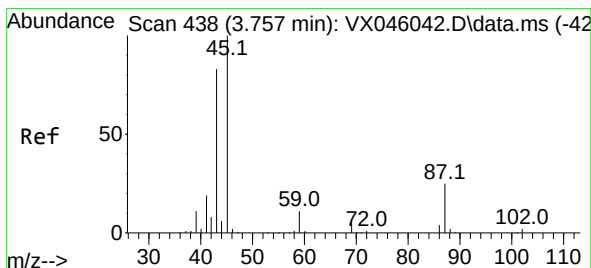
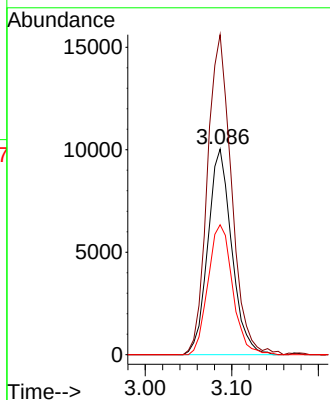
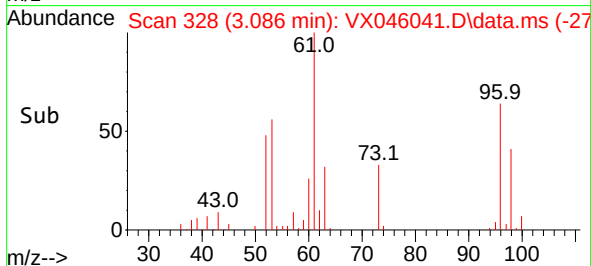
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



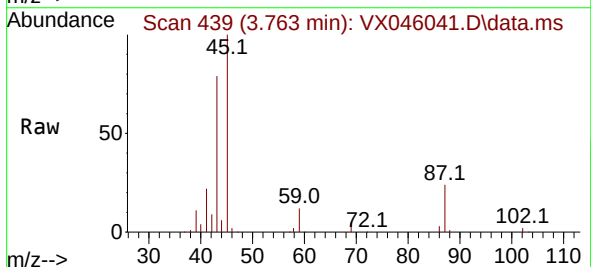
Tgt Ion: 96 Resp: 1916
Ion Ratio Lower Upper
96 100
61 155.6 119.5 179.3
98 63.2 50.0 75.0

Manual Integrations
APPROVED

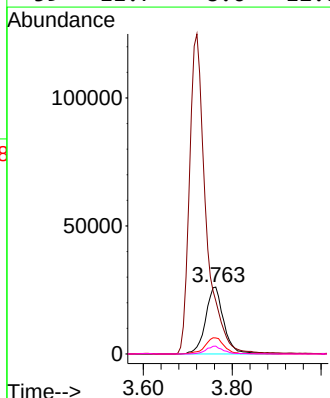
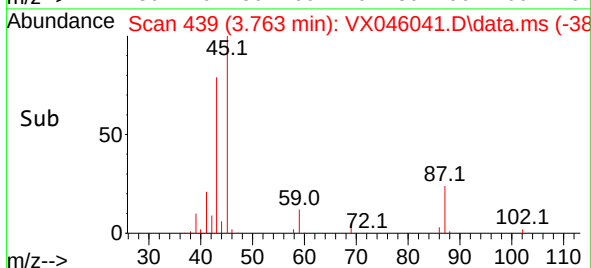
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

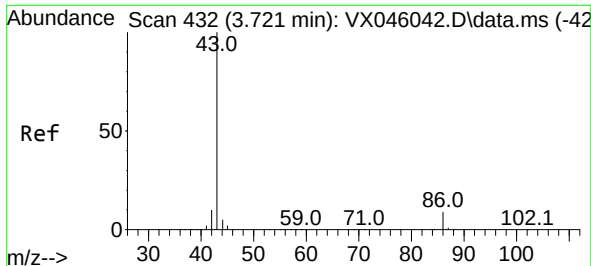


#22
Diisopropyl ether
Concen: 14.896 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35



Tgt Ion: 45 Resp: 74257
Ion Ratio Lower Upper
45 100
43 78.2 66.6 100.0
87 24.0 19.8 29.6
59 11.7 8.6 12.8





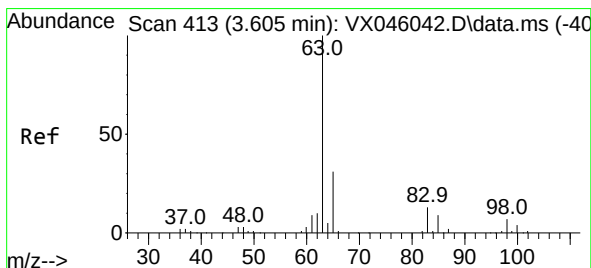
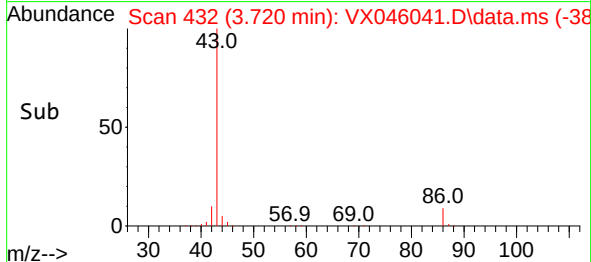
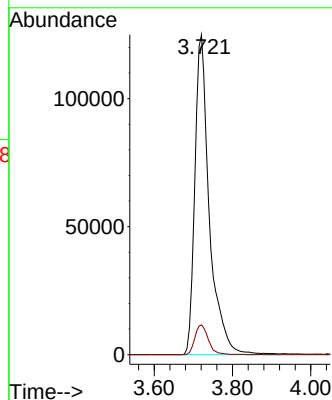
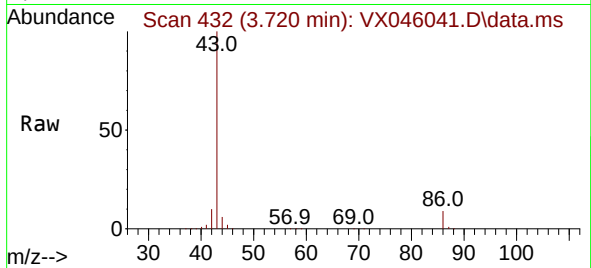
#23
 Vinyl Acetate
 Concen: 73.230 ug/l
 RT: 3.720 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046041.D
 Acq: 05 May 2025 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 322598
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

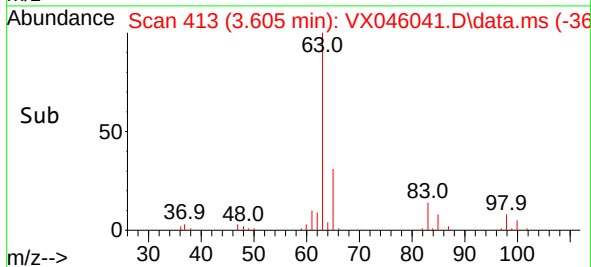
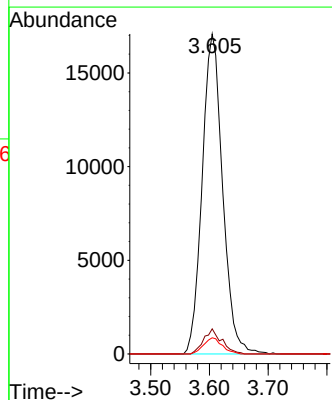
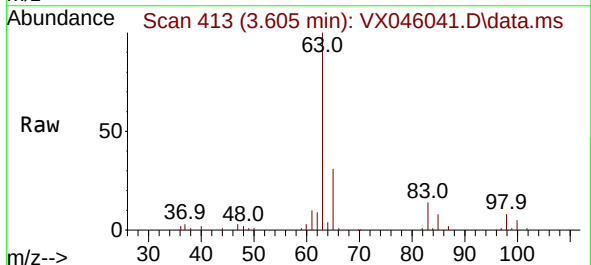
Manual Integrations
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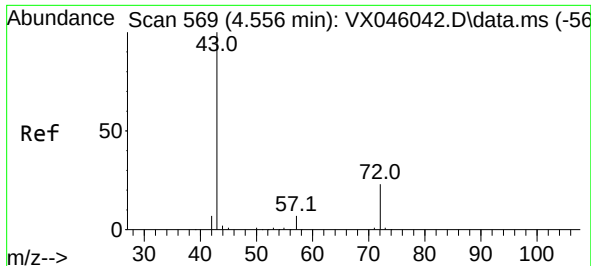
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#24
 1,1-Dichloroethane
 Concen: 14.082 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046041.D
 Acq: 05 May 2025 11:35

Tgt Ion: 63 Resp: 41257
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 5.0 2.1 6.3





#25

2-Butanone

Concen: 73.489 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.000 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 9033

Ion Ratio Lower Upper

43 100

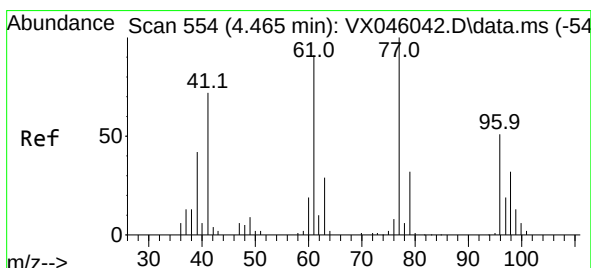
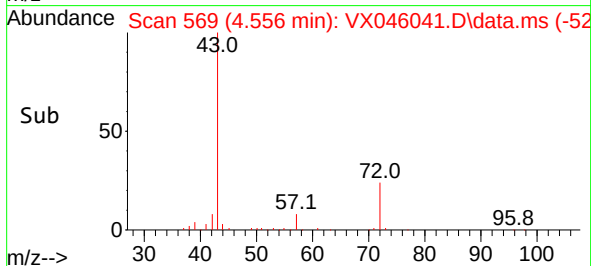
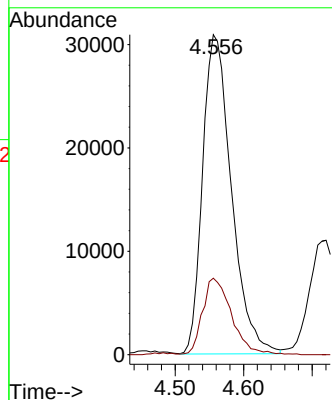
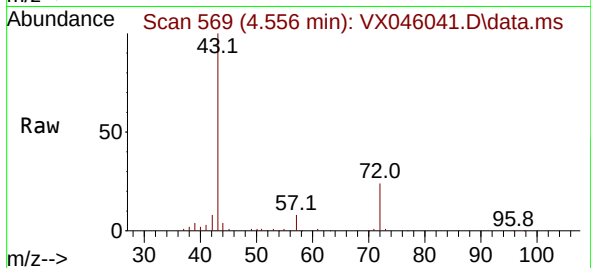
72 23.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#26

2,2-Dichloropropane

Concen: 13.729 ug/l

RT: 4.470 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX046041.D

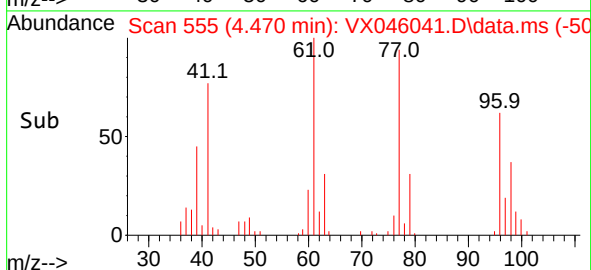
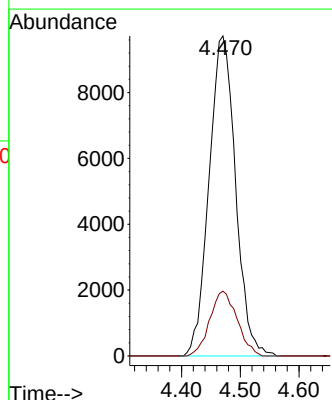
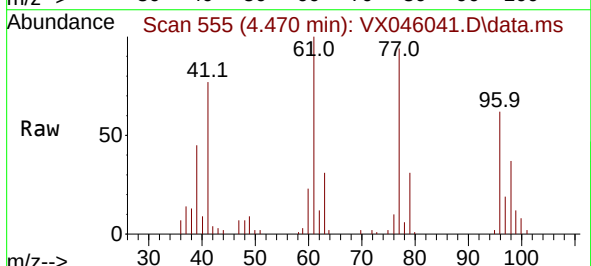
Acq: 05 May 2025 11:35

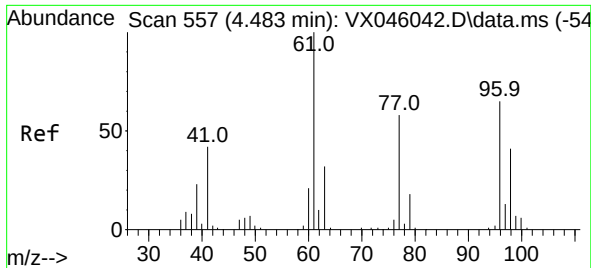
Tgt Ion: 77 Resp: 30472

Ion Ratio Lower Upper

77 100

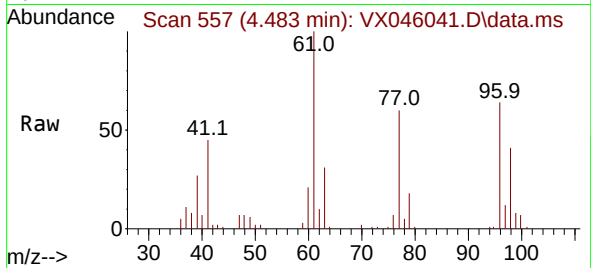
97 20.9 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 13.791 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX046041.D
 Acq: 05 May 2025 11:35

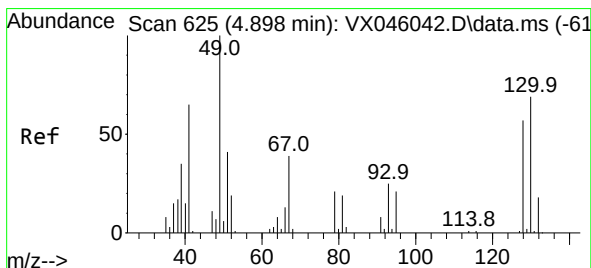
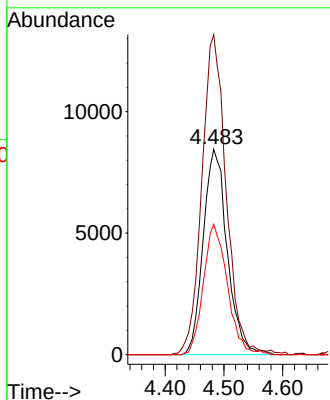
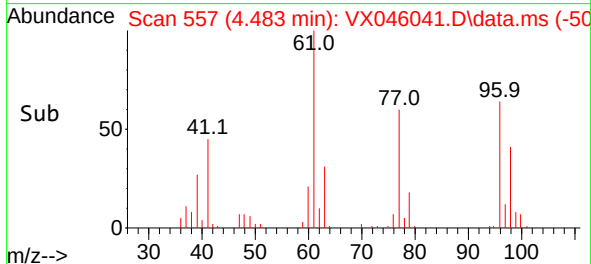
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 23970
 Ion Ratio Lower Upper
 96 100
 61 158.3 0.0 322.8
 98 63.5 0.0 129.0

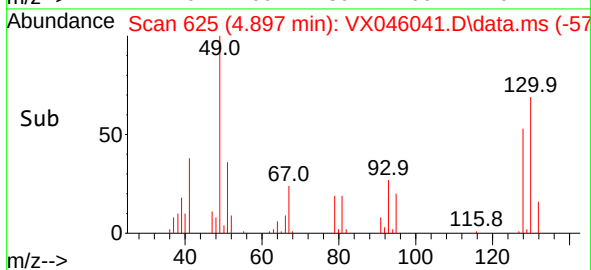
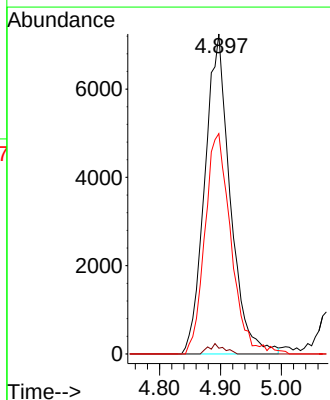
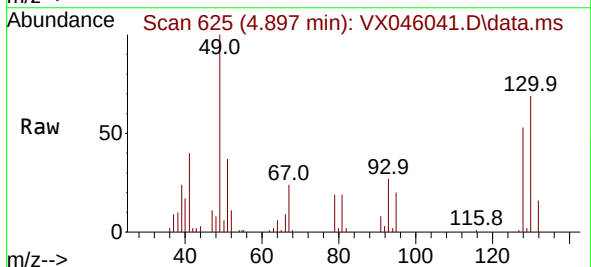
Manual Integrations
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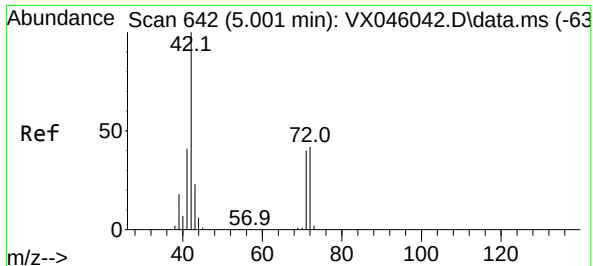
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#28
 Bromochloromethane
 Concen: 13.497 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX046041.D
 Acq: 05 May 2025 11:35

Tgt Ion: 49 Resp: 21028
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 70.9 56.2 84.2





#29

Tetrahydrofuran

Concen: 71.175 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

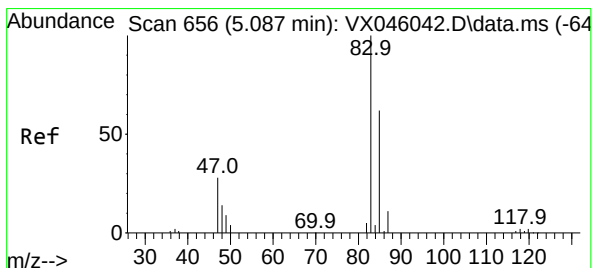
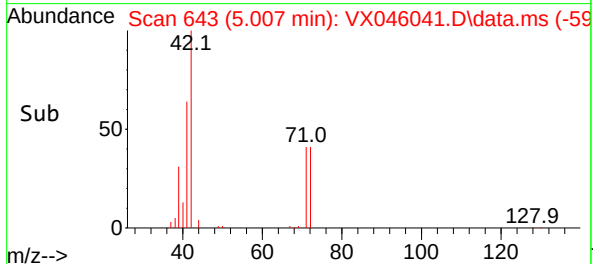
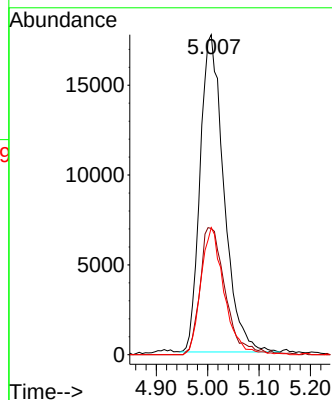
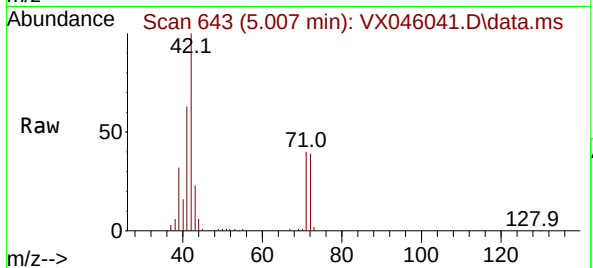
Tgt Ion:	42	Resp:	56819
Ion Ratio	Lower	Upper	
42	100		
72	42.3	33.7	50.5
71	39.2	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#30

Chloroform

Concen: 14.144 ug/l

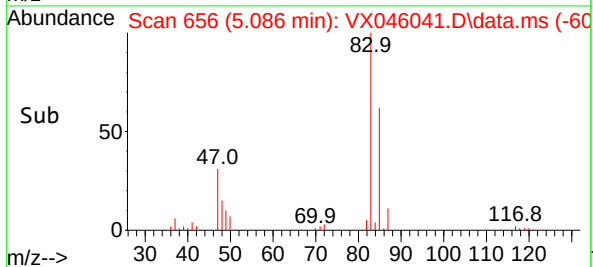
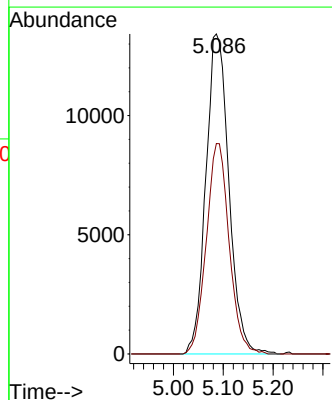
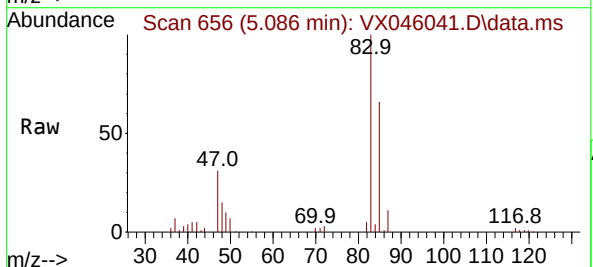
RT: 5.086 min Scan# 656

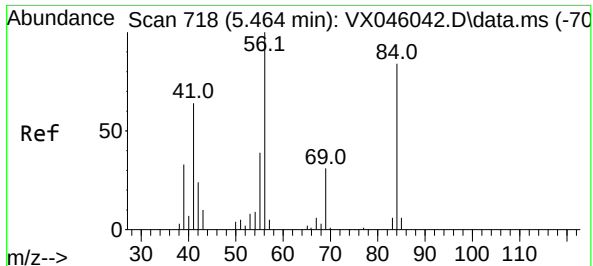
Delta R.T. -0.000 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

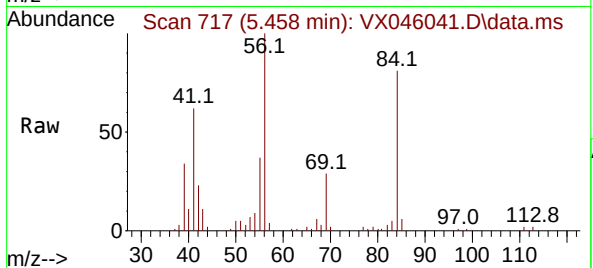
Tgt Ion:	83	Resp:	43065
Ion Ratio	Lower	Upper	
83	100		
85	65.7	49.3	73.9





#31
Cyclohexane
Concen: 14.769 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

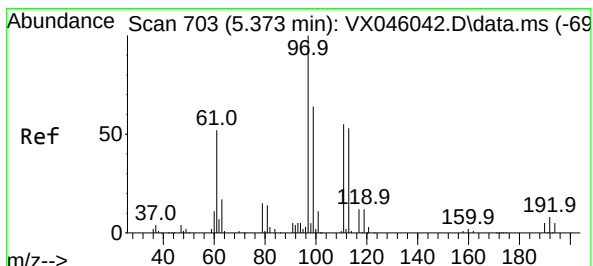
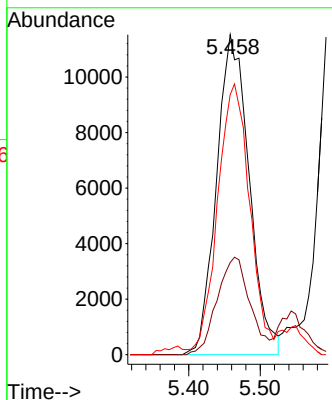
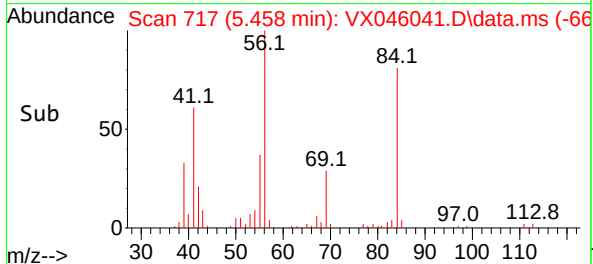
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 36470
Ion Ratio Lower Upper
56 100
69 28.8 24.4 36.6
84 78.5 66.9 100.3

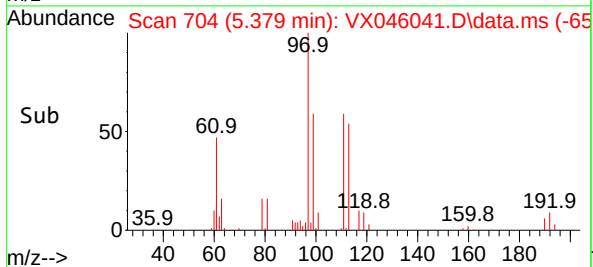
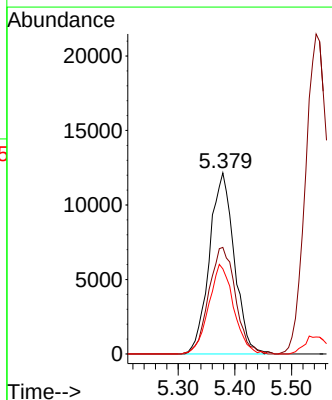
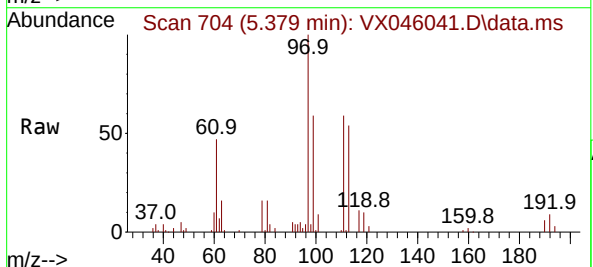
Manual Integrations
APPROVED

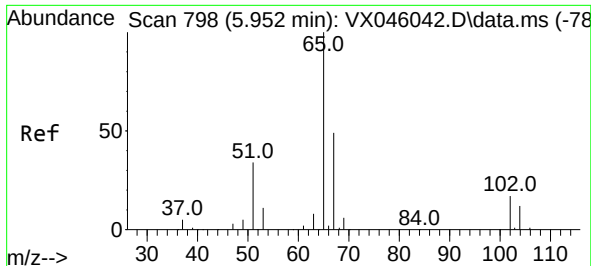
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#32
1,1,1-Trichloroethane
Concen: 14.092 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 97 Resp: 37003
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.6
61 49.5 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 12.820 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 31909

Ion Ratio Lower Upper

65 100

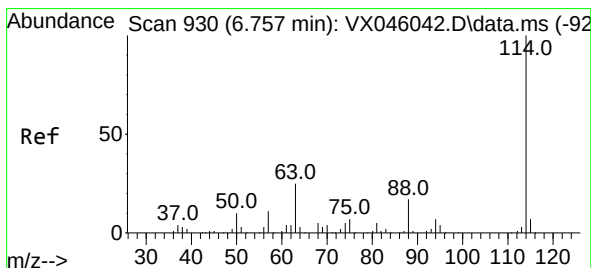
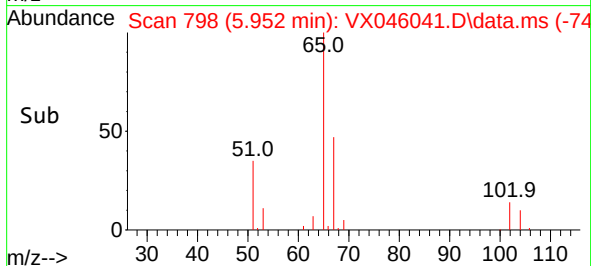
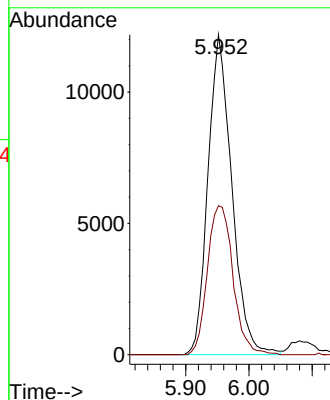
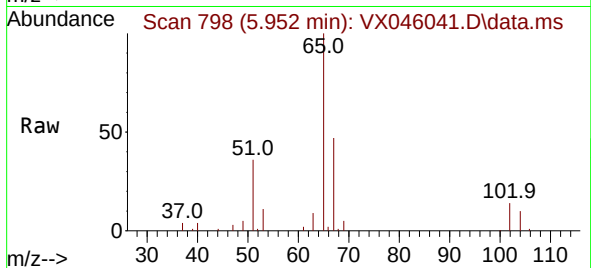
67 49.9 0.0 99.0

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: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

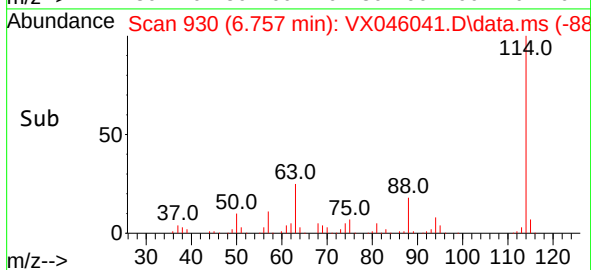
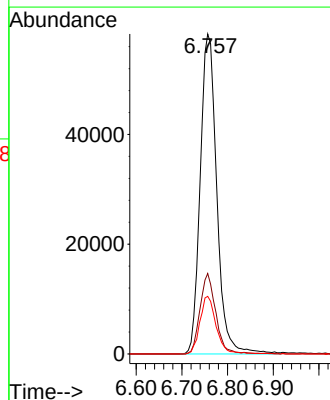
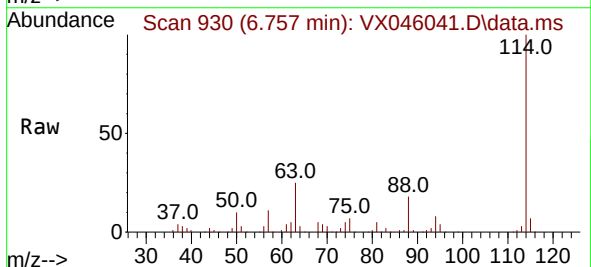
Tgt Ion:114 Resp: 147096

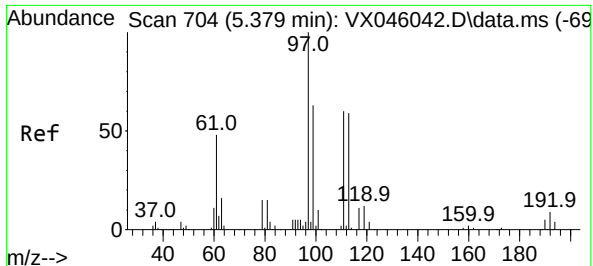
Ion Ratio Lower Upper

114 100

63 25.2 0.0 49.2

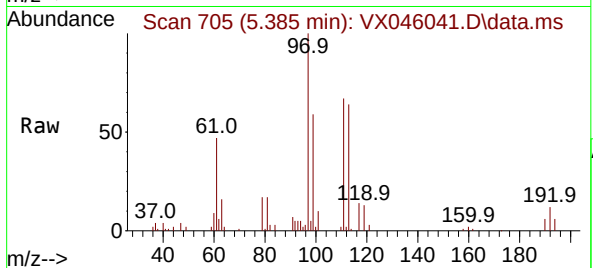
88 18.0 0.0 33.6





#35
Dibromofluoromethane
Concen: 12.804 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

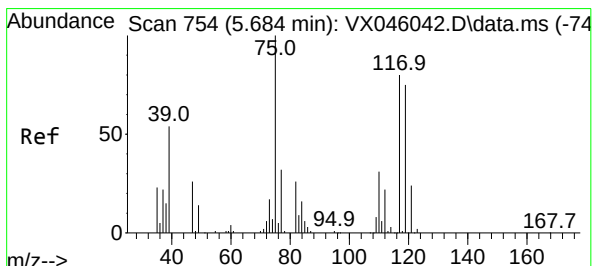
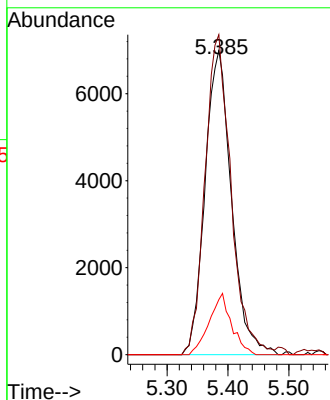
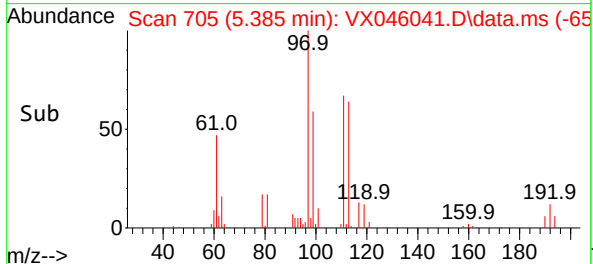
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 2111
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 17.0 13.3 19.9

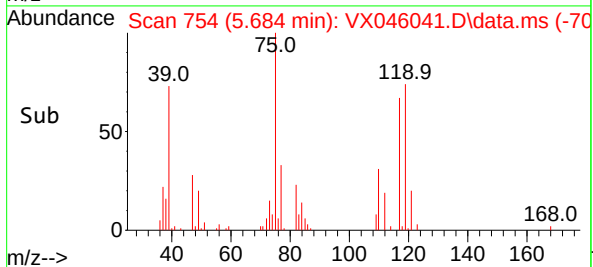
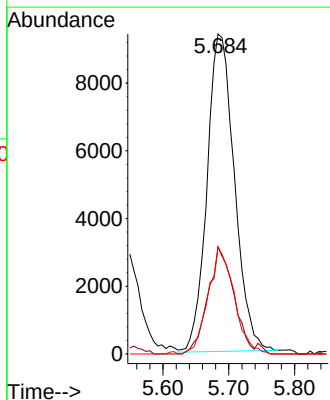
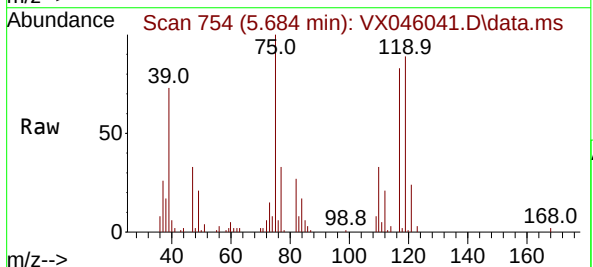
Manual Integrations
APPROVED

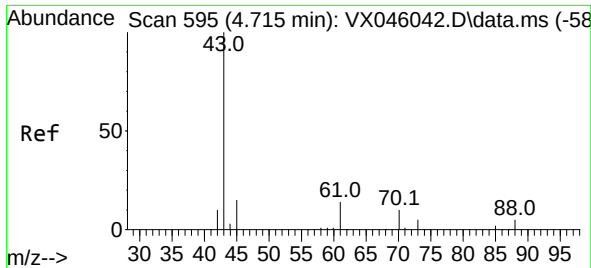
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#36
1,1-Dichloropropene
Concen: 14.231 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 75 Resp: 27242
Ion Ratio Lower Upper
75 100
110 31.6 16.3 48.9
77 31.9 24.3 36.5





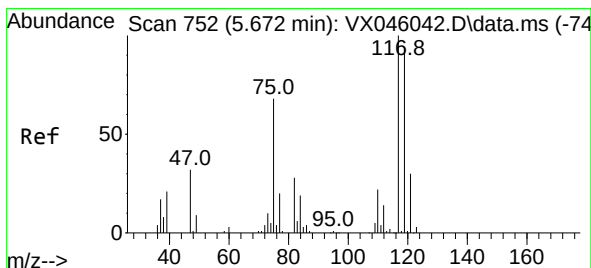
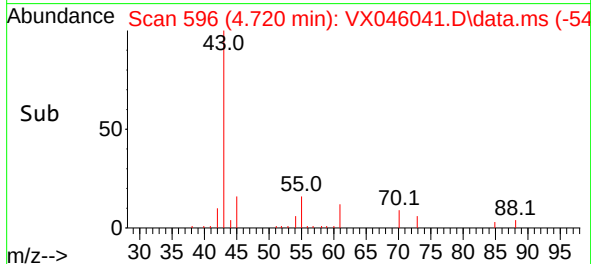
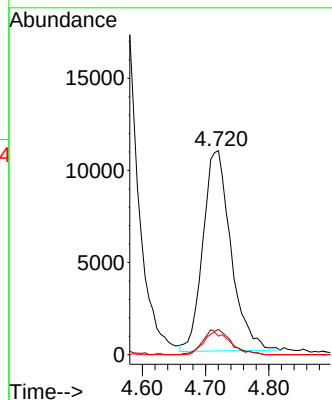
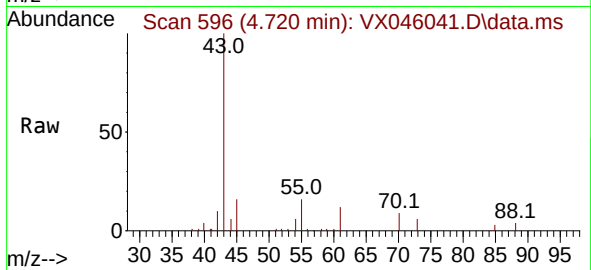
#37
Ethyl Acetate
Concen: 13.931 ug/l
RT: 4.720 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 33458
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 10.9 7.9 11.9

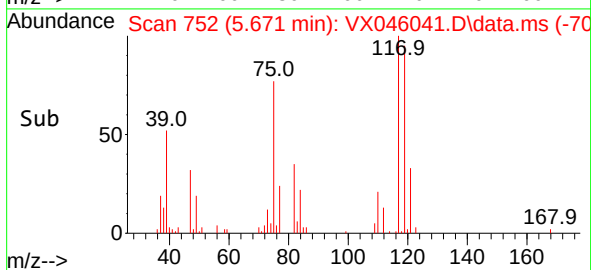
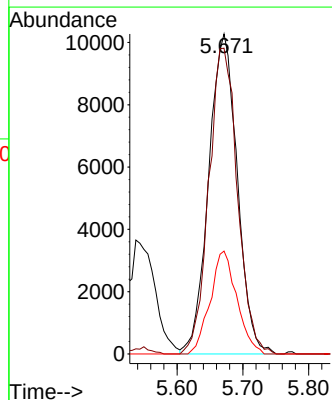
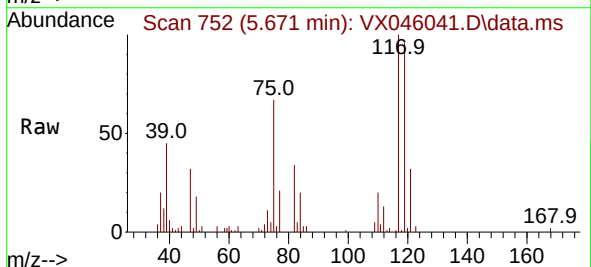
Manual Integrations
APPROVED

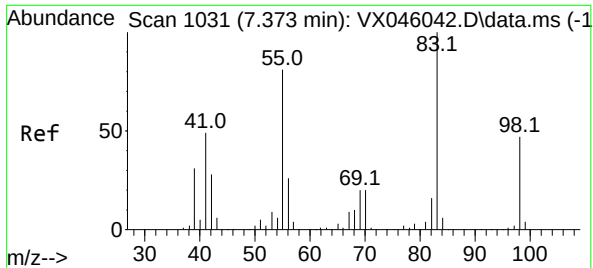
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#38
Carbon Tetrachloride
Concen: 14.137 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:117 Resp: 31091
Ion Ratio Lower Upper
117 100
119 95.6 75.2 112.8
121 32.1 24.2 36.4





#39

Methylcyclohexane

Concen: 14.623 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

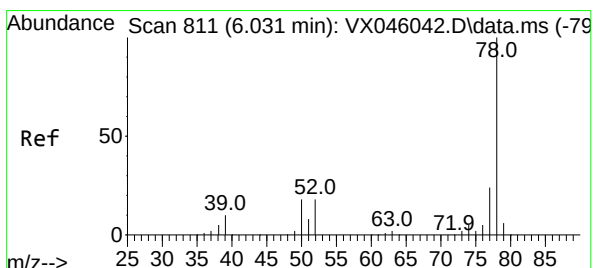
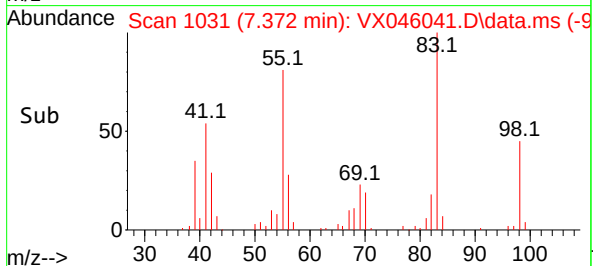
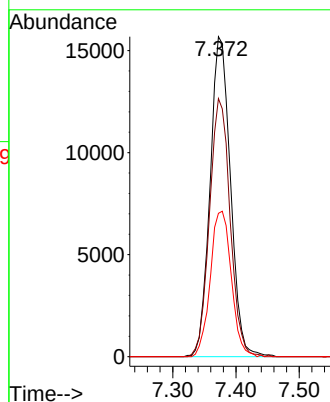
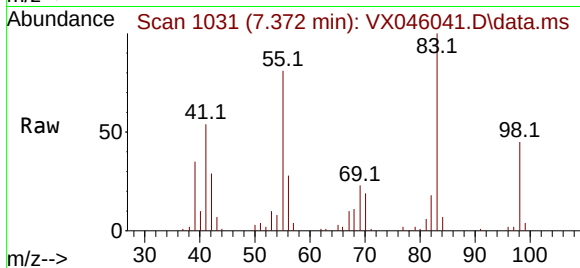
Tgt Ion: 83	Resp: 3507
Ion Ratio	Lower Upper
83 100	
55 80.7	64.7 97.1
98 44.8	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#40

Benzene

Concen: 14.140 ug/l

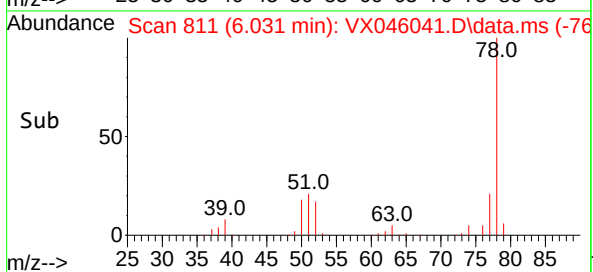
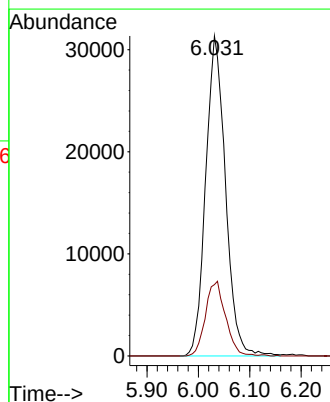
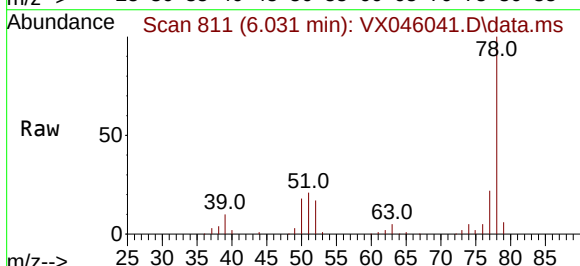
RT: 6.031 min Scan# 811

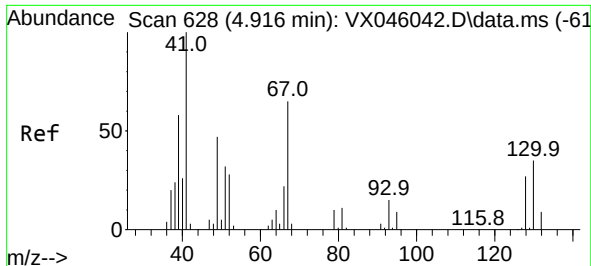
Delta R.T. -0.000 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

Tgt Ion: 78	Resp: 83898
Ion Ratio	Lower Upper
78 100	
77 22.3	19.0 28.4





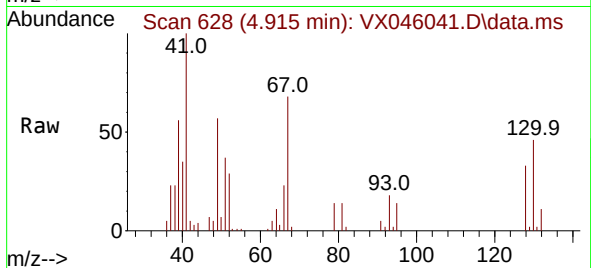
#41
Methacrylonitrile
Concen: 14.038 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



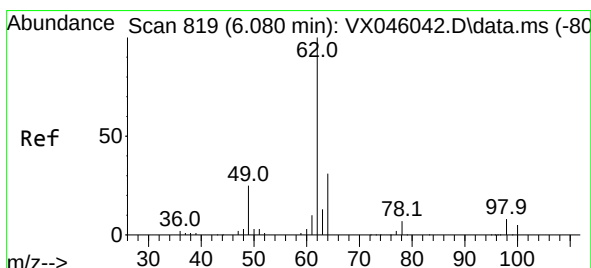
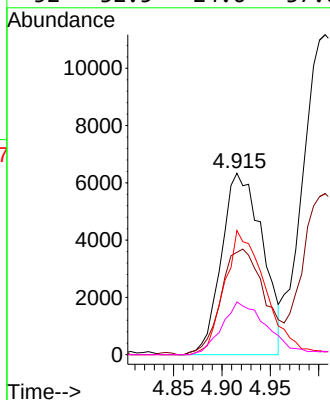
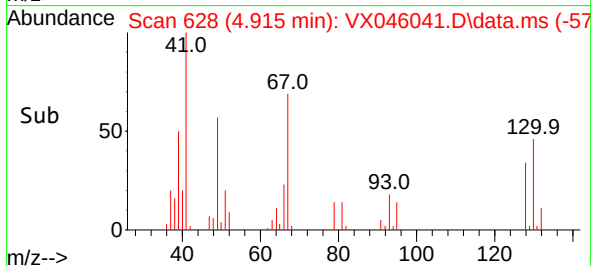
Tgt Ion: 41 Resp: 18732
Ion Ratio Lower Upper
41 100
39 62.6 47.2 70.8
67 68.3 50.7 76.1
52 32.5 24.6 37.0

Manual Integrations

APPROVED

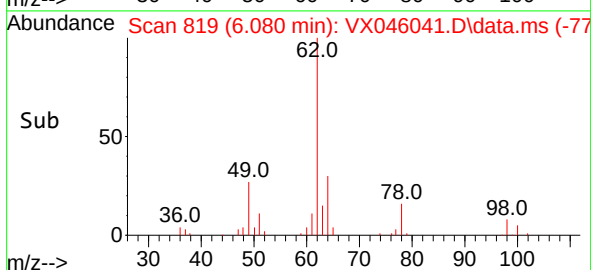
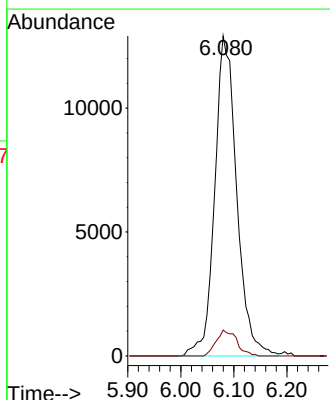
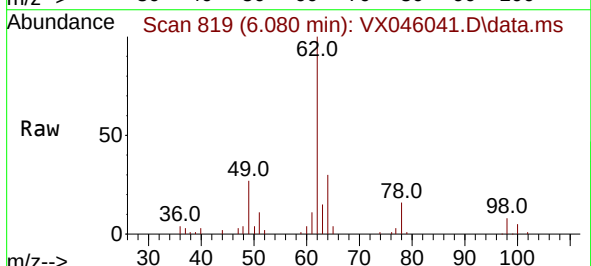
Reviewed By :John Carlone 05/06/2025

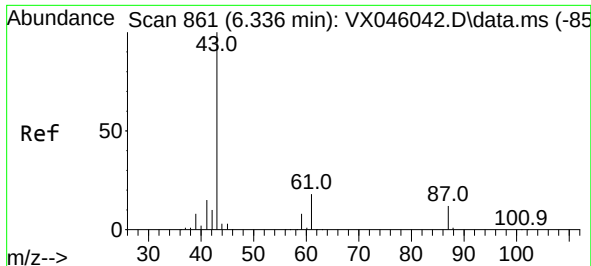
Supervised By :Mahesh Dadoda 05/06/2025



#42
1,2-Dichloroethane
Concen: 15.165 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 62 Resp: 37203
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43

Isopropyl Acetate

Concen: 14.512 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

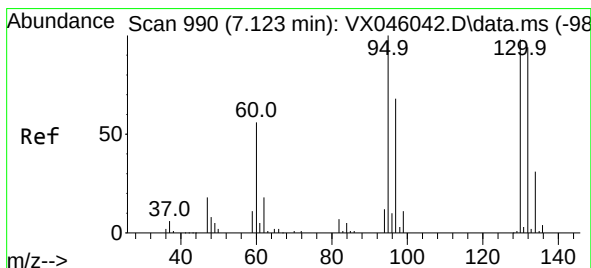
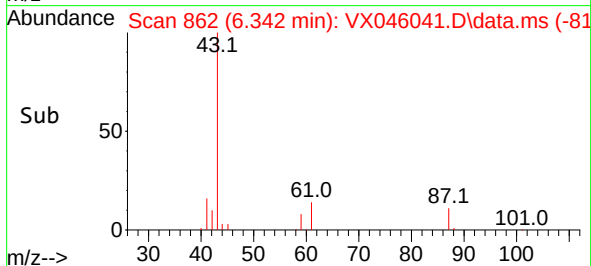
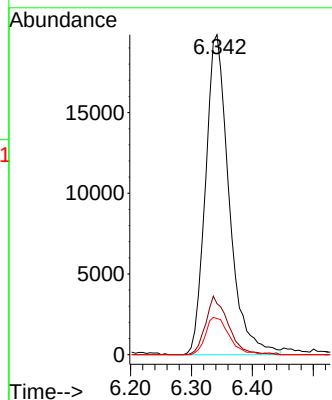
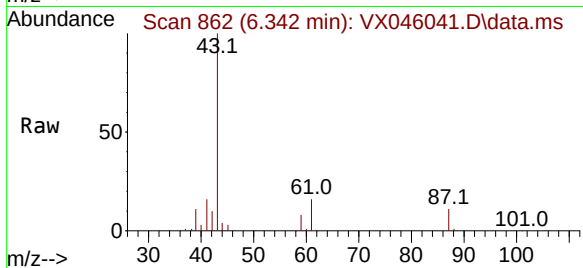
Tgt Ion: 43	Resp: 5327
Ion Ratio	Lower Upper
43 100	
61 17.3	14.3 21.5
87 11.6	9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#44

Trichloroethene

Concen: 14.429 ug/l

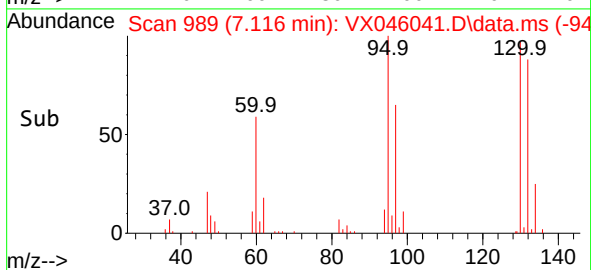
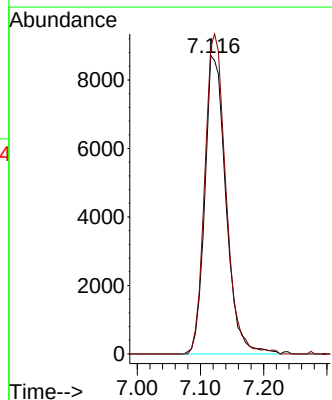
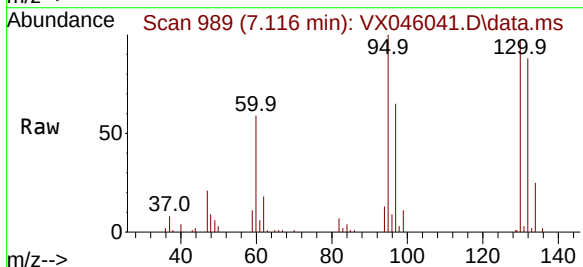
RT: 7.116 min Scan# 989

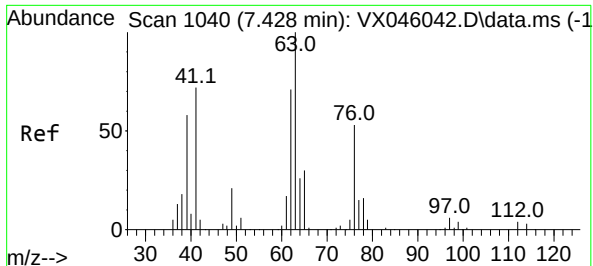
Delta R.T. -0.006 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

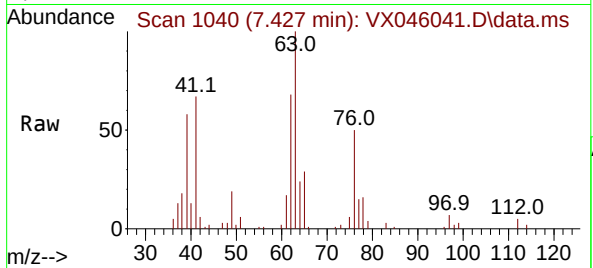
Tgt Ion:130	Resp: 20239
Ion Ratio	Lower Upper
130 100	
95 102.8	0.0 204.2





#45
1,2-Dichloropropane
Concen: 14.204 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

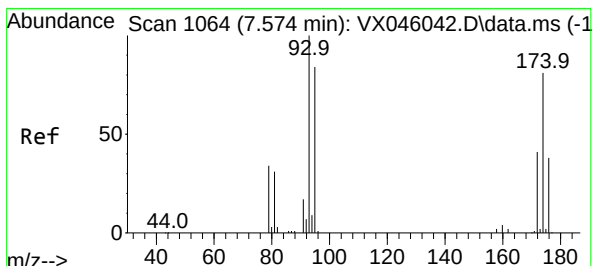
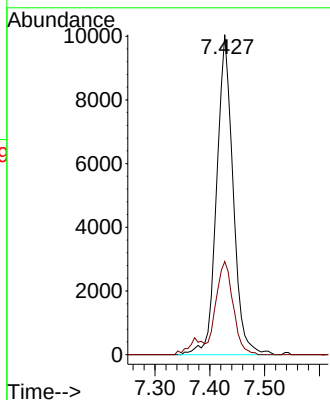
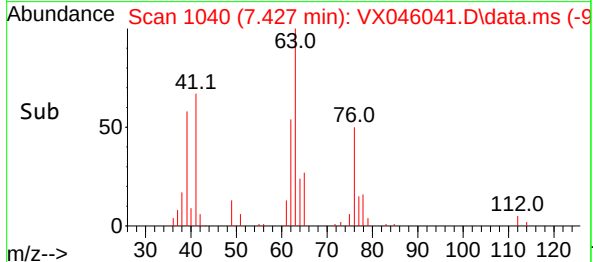
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 63 Resp: 20940
Ion Ratio Lower Upper
63 100
65 29.1 24.1 36.1

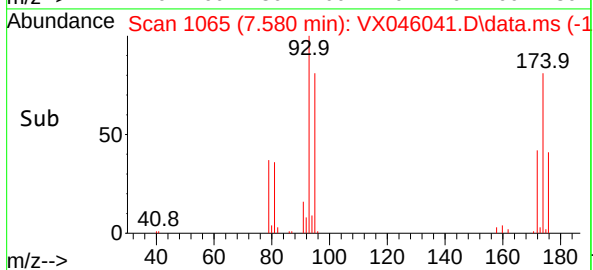
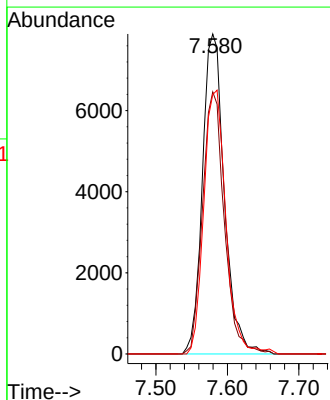
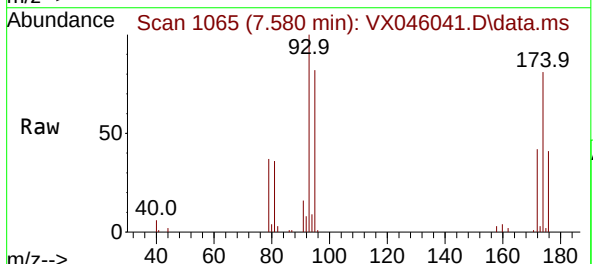
Manual Integrations
APPROVED

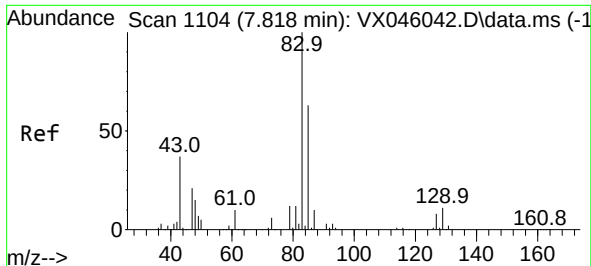
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#46
Dibromomethane
Concen: 14.439 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 93 Resp: 16781
Ion Ratio Lower Upper
93 100
95 81.5 65.6 98.4
174 83.1 68.2 102.2





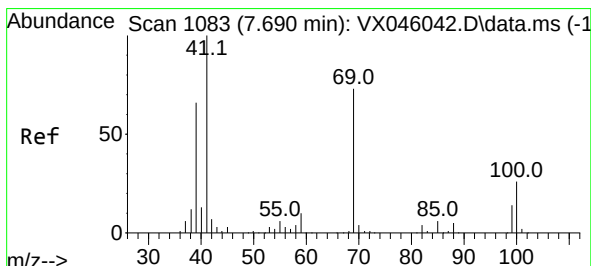
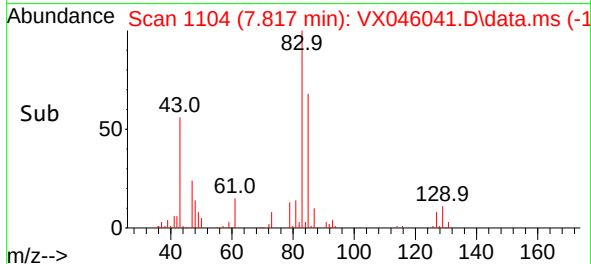
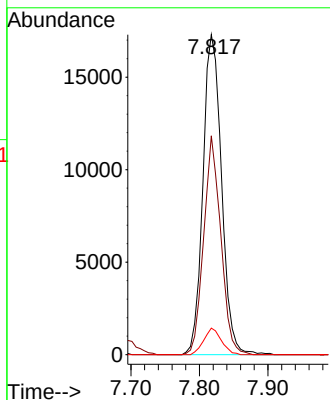
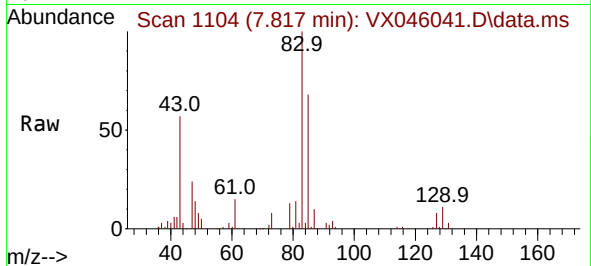
#47
Bromodichloromethane
Concen: 14.545 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 32762
Ion Ratio Lower Upper
83 100
85 68.4 50.5 75.7
127 8.3 6.5 9.7

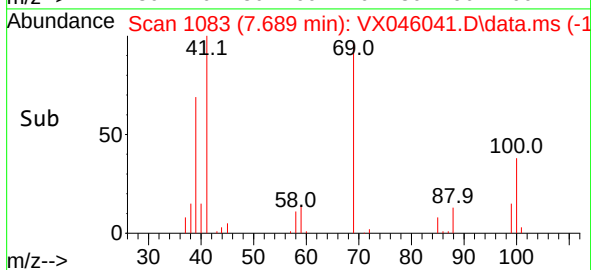
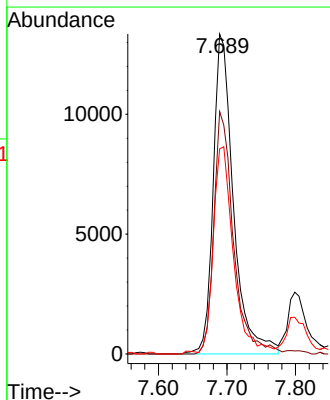
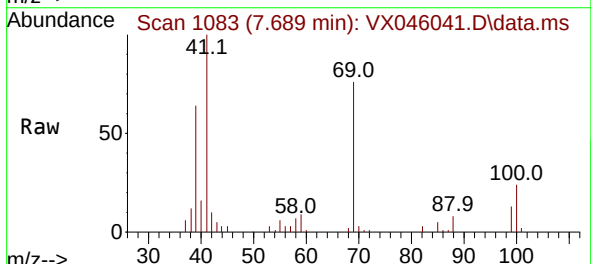
Manual Integrations
APPROVED

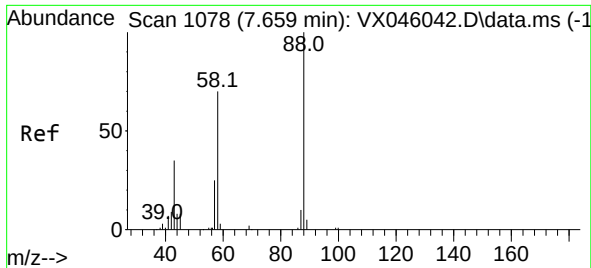
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#48
Methyl methacrylate
Concen: 14.521 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 41 Resp: 27374
Ion Ratio Lower Upper
41 100
69 73.5 58.5 87.7
39 64.9 51.7 77.5





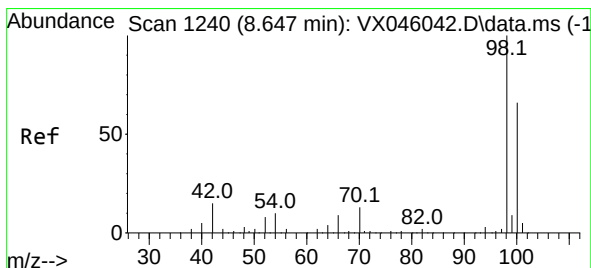
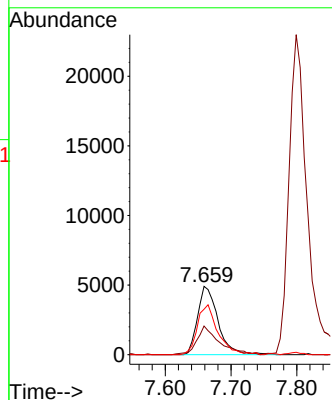
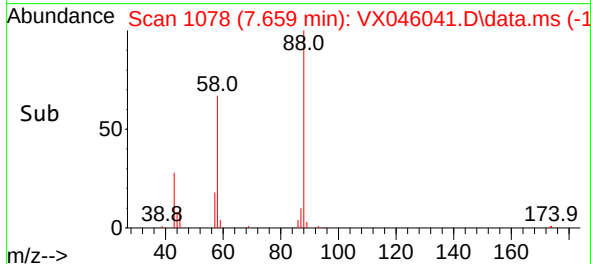
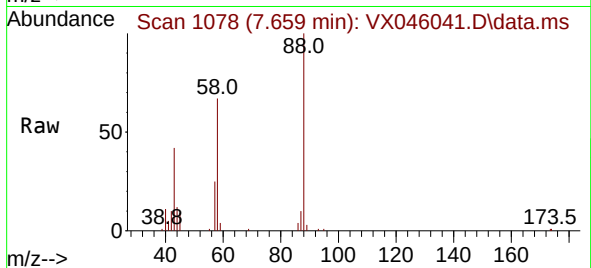
#49
1,4-Dioxane
Concen: 282.442 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 1058
Ion Ratio Lower Upper
88 100
43 45.5 33.4 50.2
58 73.6 58.6 88.0

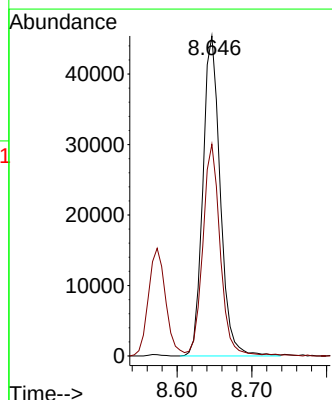
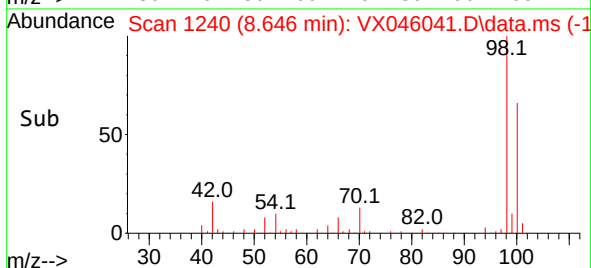
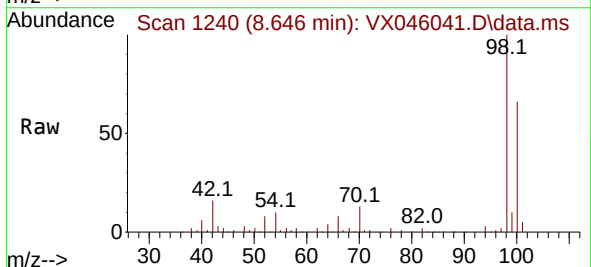
Manual Integrations
APPROVED

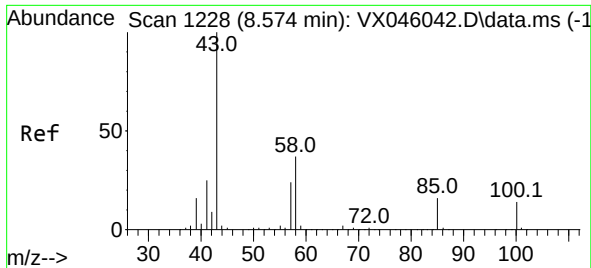
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#50
Toluene-d8
Concen: 13.200 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 98 Resp: 73333
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3





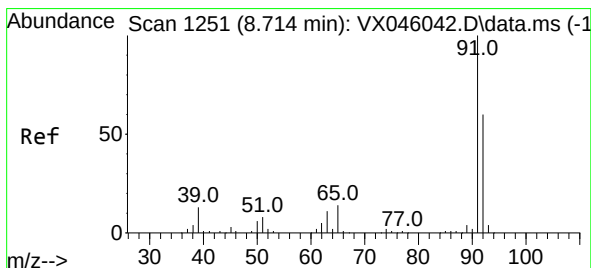
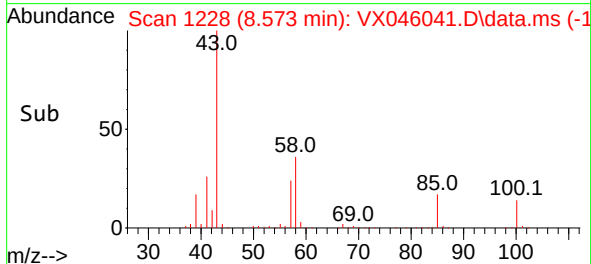
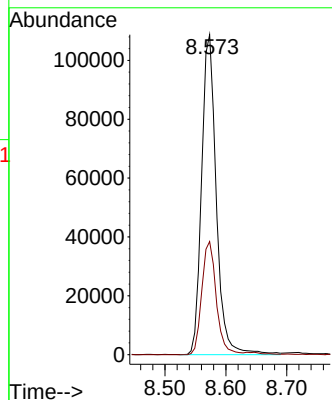
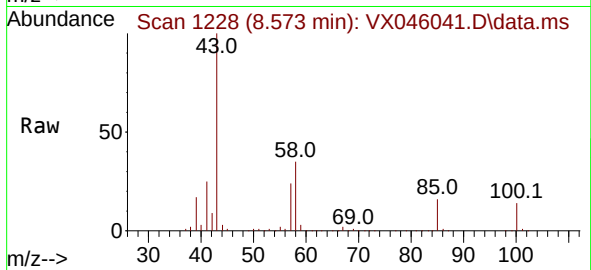
#51
4-Methyl-2-Pentanone
Concen: 75.775 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 18245
Ion Ratio Lower Upper
43 100
58 34.8 28.9 43.3

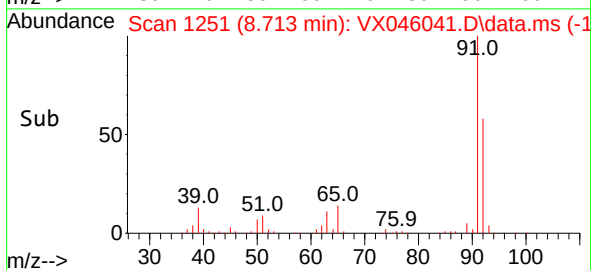
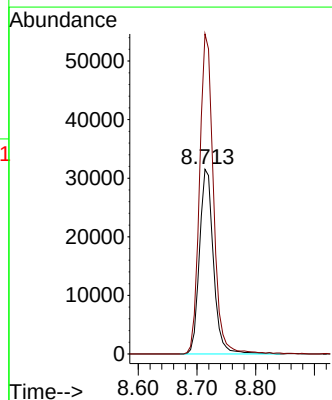
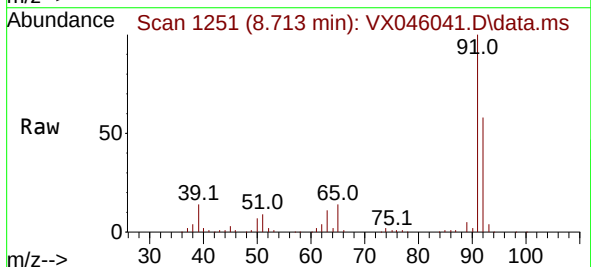
Manual Integrations
APPROVED

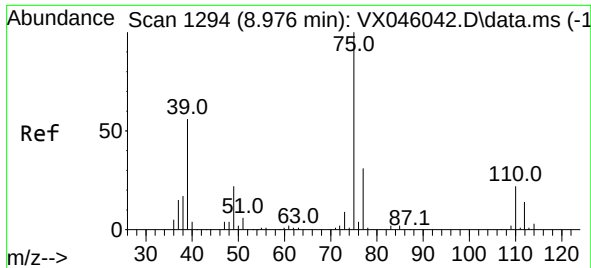
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#52
Toluene
Concen: 14.788 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 92 Resp: 52030
Ion Ratio Lower Upper
92 100
91 172.2 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 14.566 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

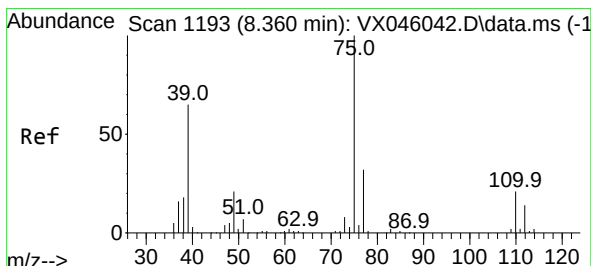
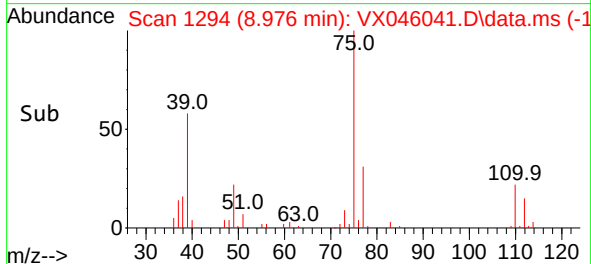
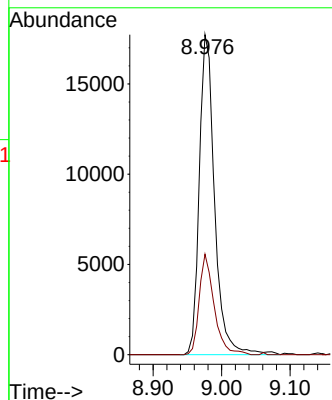
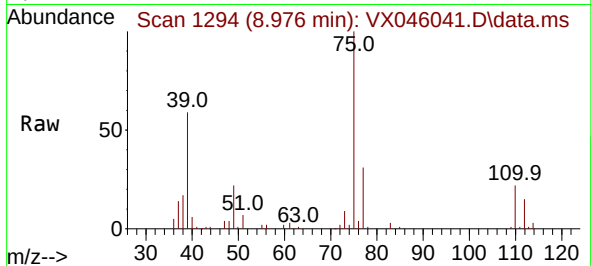
VSTDIC020

Tgt Ion: 75 Resp: 27549
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6

Manual Integrations

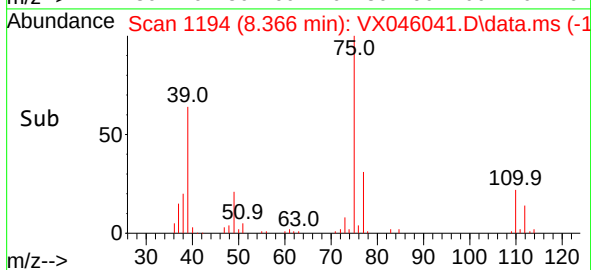
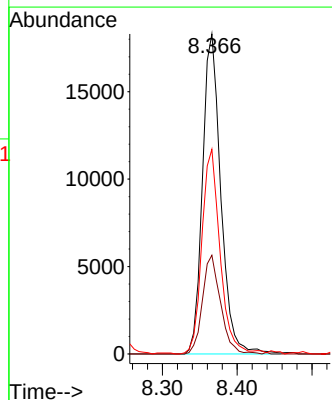
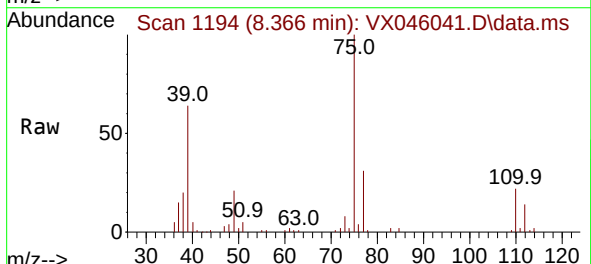
APPROVED

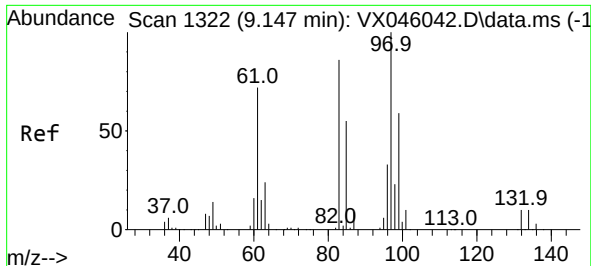
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#54
cis-1,3-Dichloropropene
Concen: 14.154 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

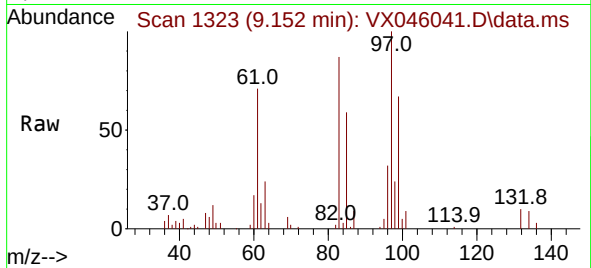
Tgt Ion: 75 Resp: 31226
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 64.0 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 14.442 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

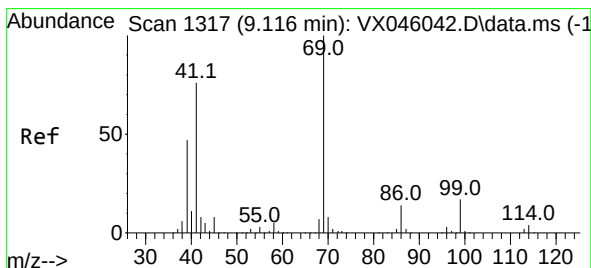
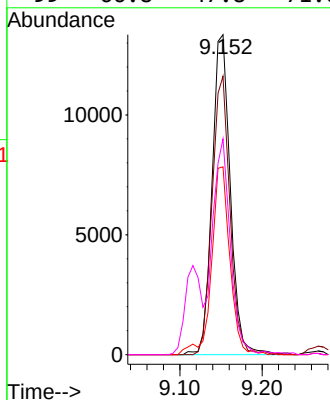
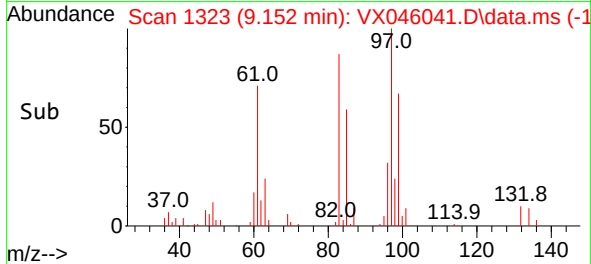


Tgt Ion: 97 Resp: 20530

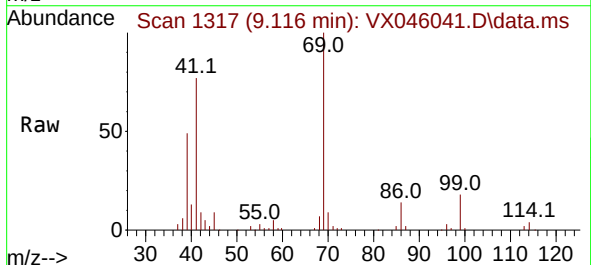
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.0	103.6
85	58.7	44.3	66.5
99	66.8	47.8	71.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

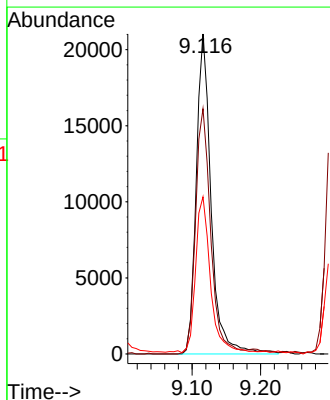
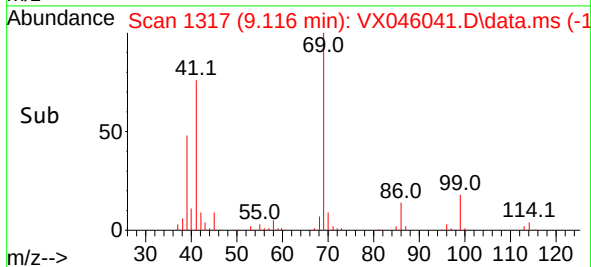


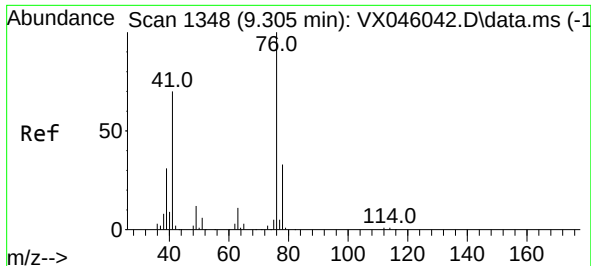
#56
Ethyl methacrylate
Concen: 14.425 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35



Tgt Ion: 69 Resp: 31787

Ion	Ratio	Lower	Upper
69	100		
41	78.2	60.8	91.2
39	49.3	39.0	58.6





#57

1,3-Dichloropropane

Concen: 14.417 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 3634

Ion Ratio Lower Upper

76 100

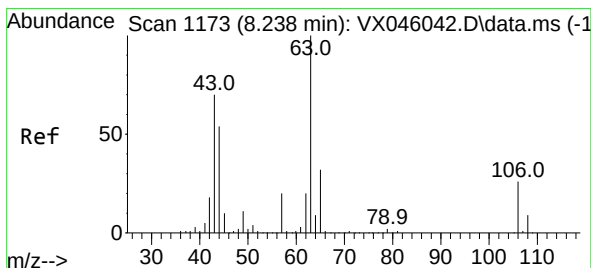
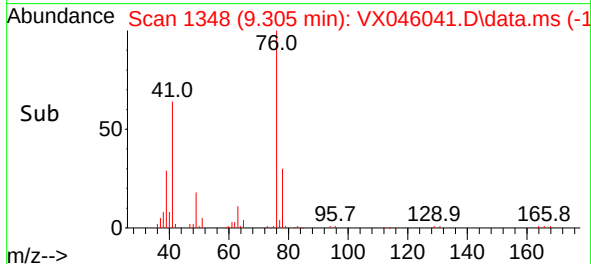
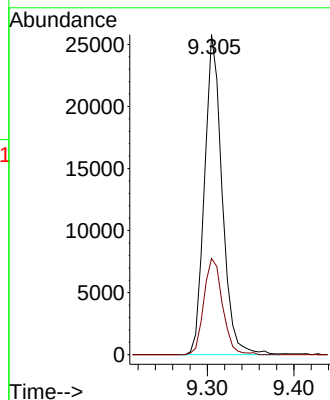
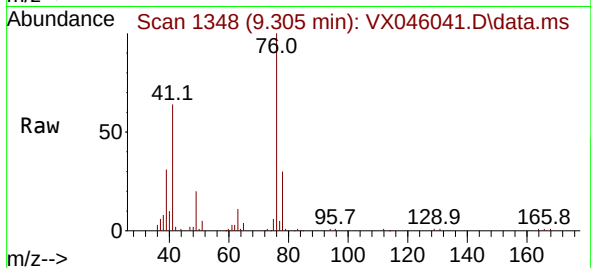
78 31.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 80.312 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046041.D

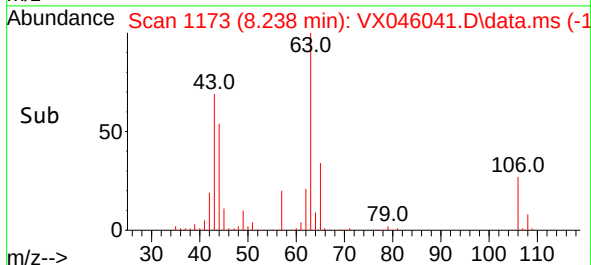
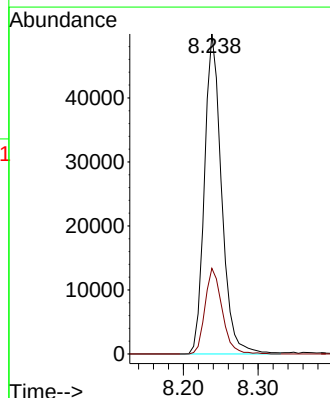
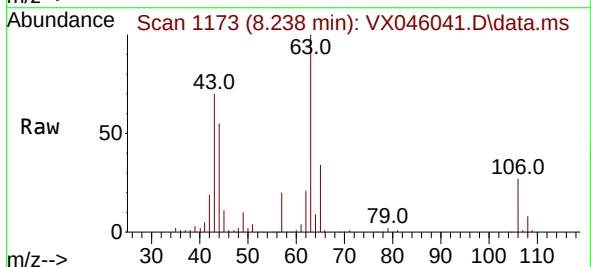
Acq: 05 May 2025 11:35

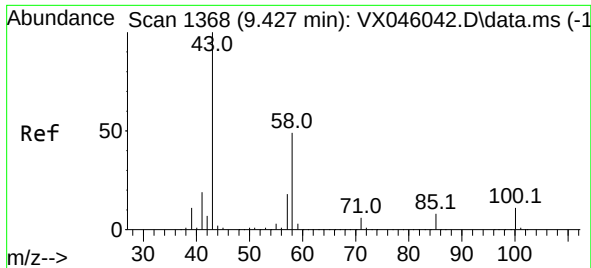
Tgt Ion: 63 Resp: 79531

Ion Ratio Lower Upper

63 100

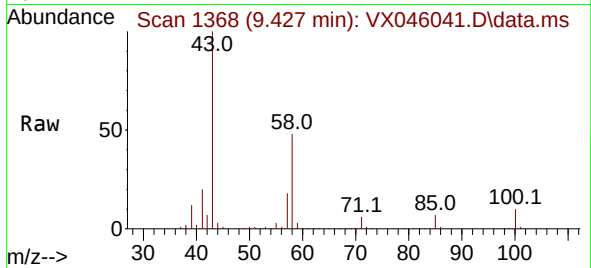
106 26.7 21.5 32.3





#59
2-Hexanone
Concen: 74.997 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

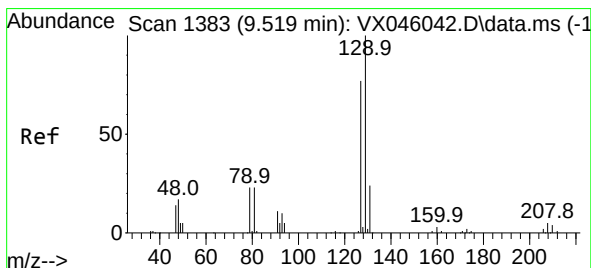
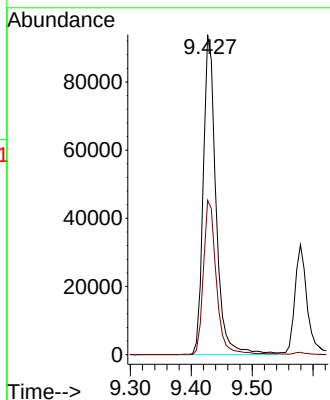
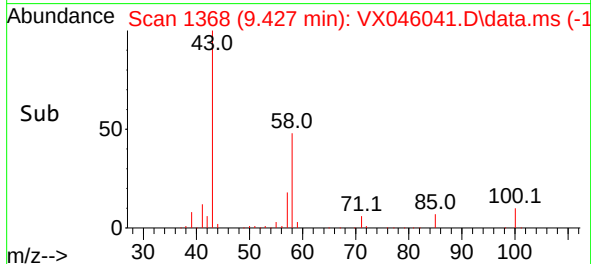
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 137054
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6

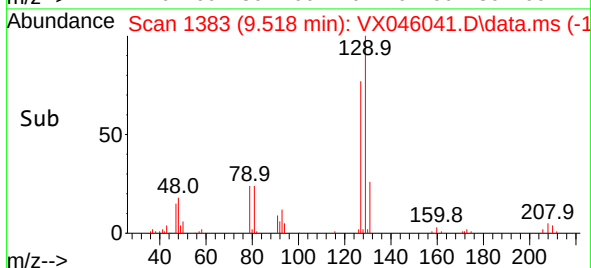
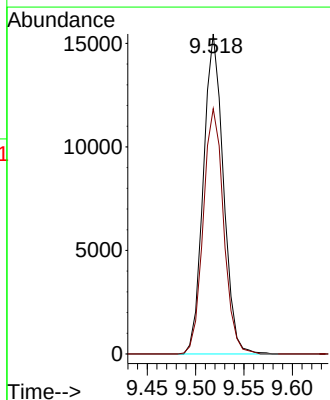
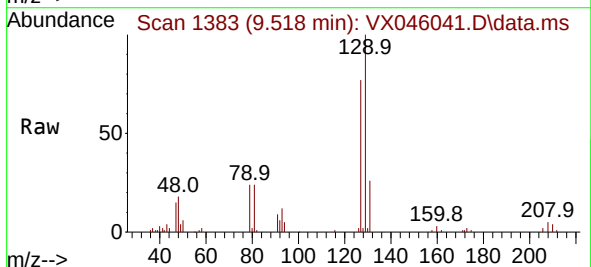
Manual Integrations
APPROVED

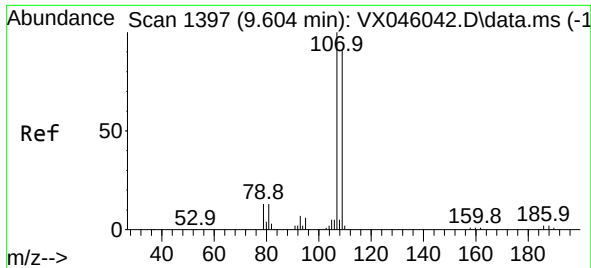
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#60
Dibromochloromethane
Concen: 14.387 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:129 Resp: 22267
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.8





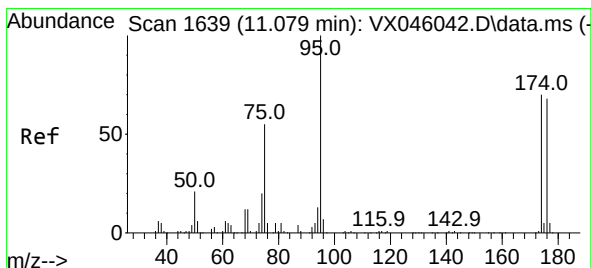
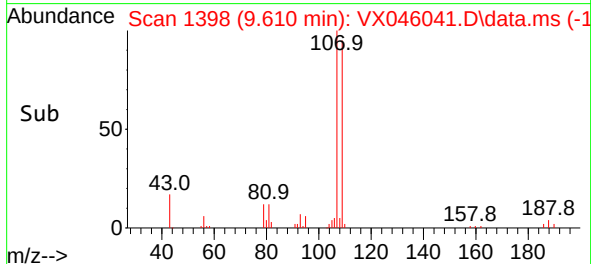
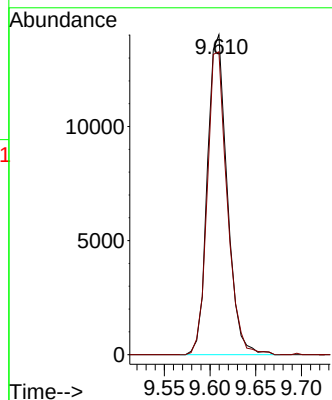
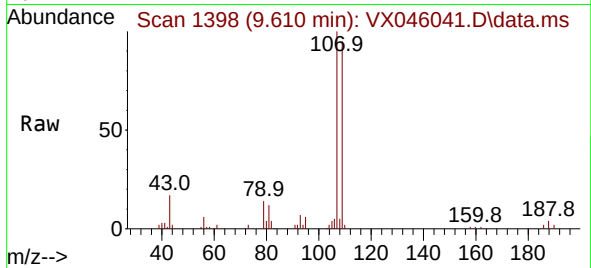
#61
1,2-Dibromoethane
Concen: 14.458 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 2111
Ion Ratio Lower Upper
107 100
109 95.3 73.3 109.9

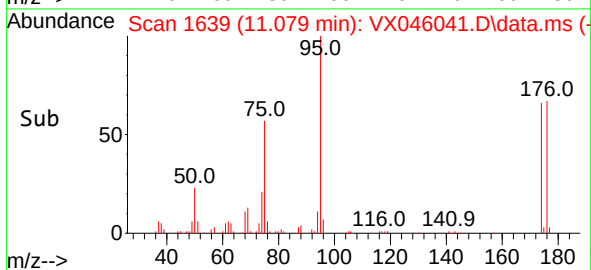
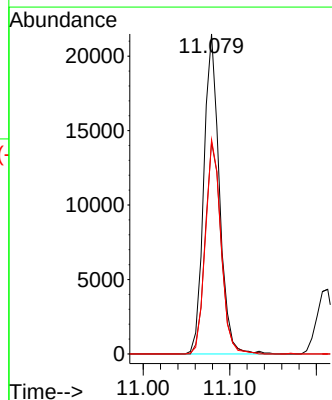
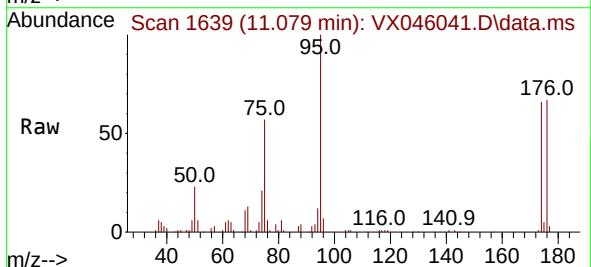
Manual Integrations
APPROVED

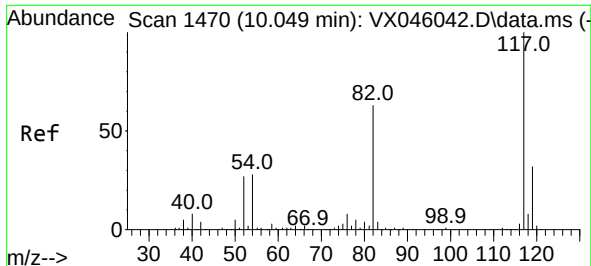
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#62
4-Bromofluorobenzene
Concen: 13.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

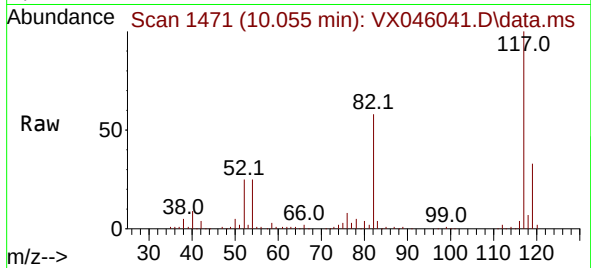
Tgt Ion: 95 Resp: 26760
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 67.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

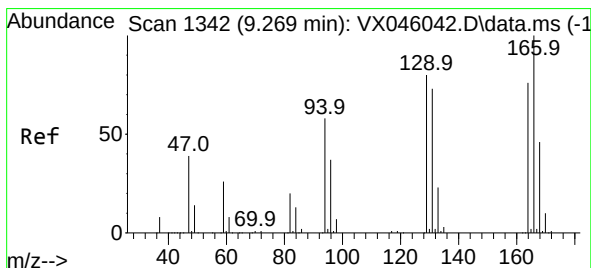
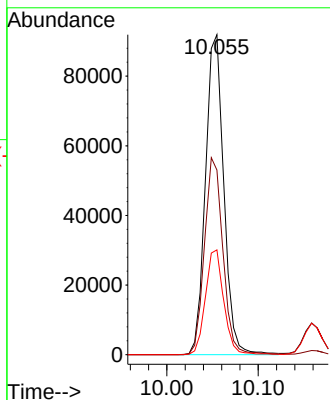
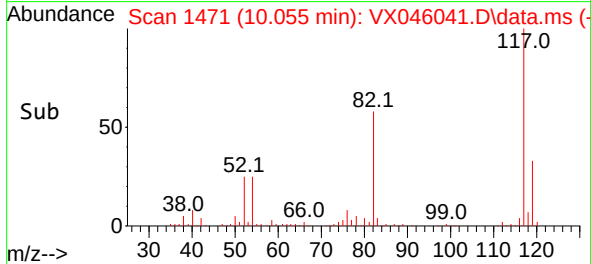
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 127829
Ion Ratio Lower Upper
117 100
82 57.7 50.6 76.0
119 32.7 25.8 38.6

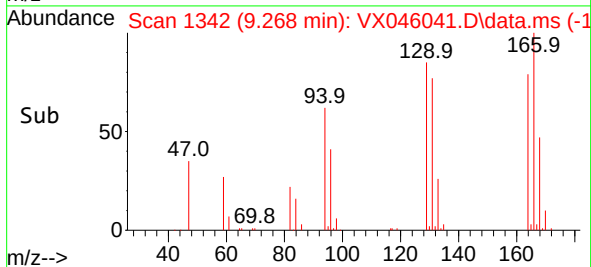
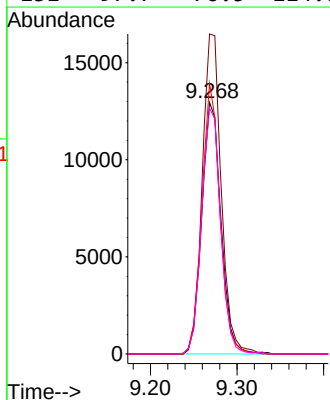
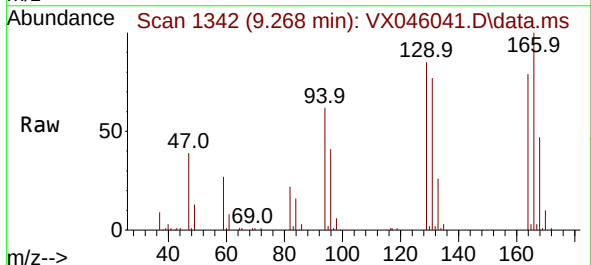
Manual Integrations
APPROVED

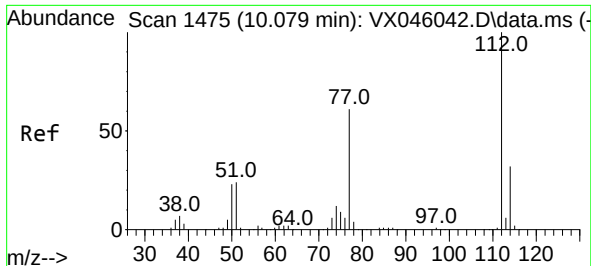
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#64
Tetrachloroethene
Concen: 15.263 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:164 Resp: 19924
Ion Ratio Lower Upper
164 100
166 127.2 105.0 157.6
129 107.6 83.5 125.3
131 97.7 76.5 114.7





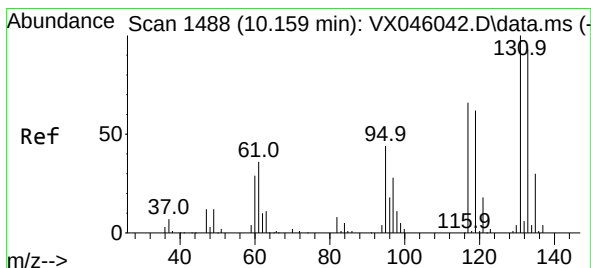
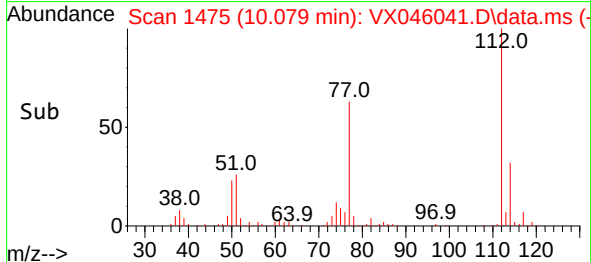
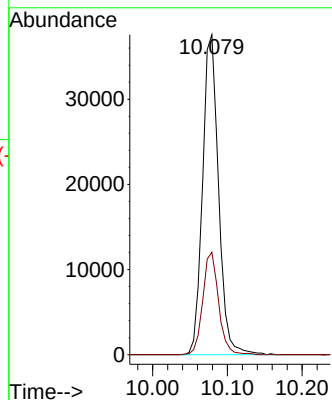
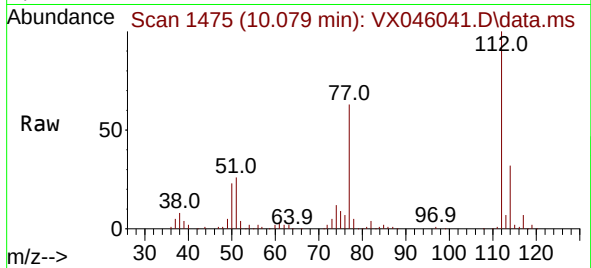
#65
Chlorobenzene
Concen: 14.202 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 5586
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

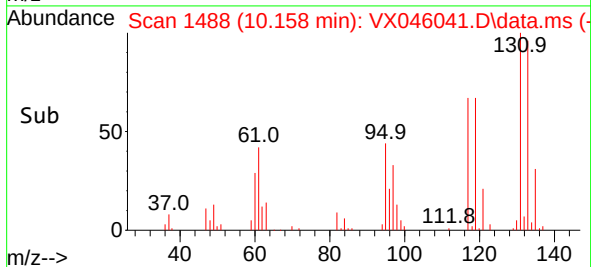
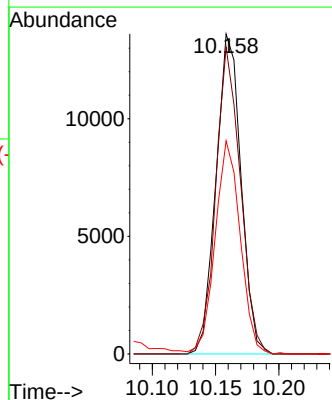
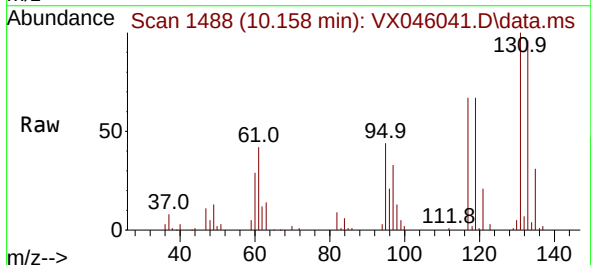
Manual Integrations
APPROVED

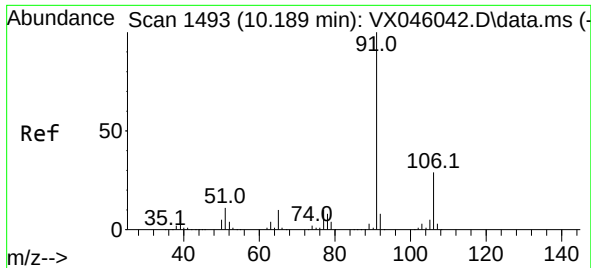
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 14.231 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:131 Resp: 18671
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.9
119 66.7 31.6 95.0





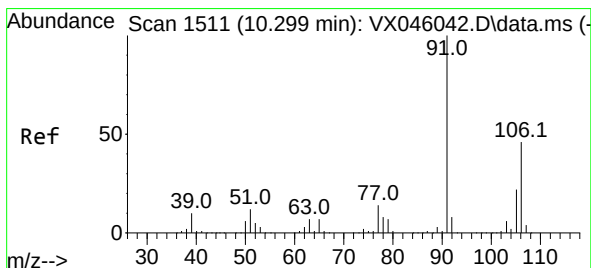
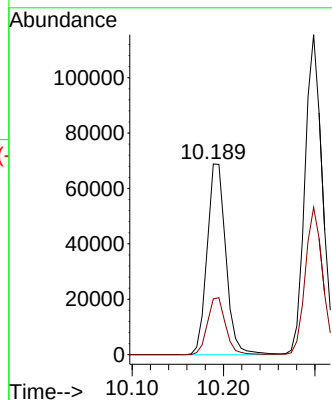
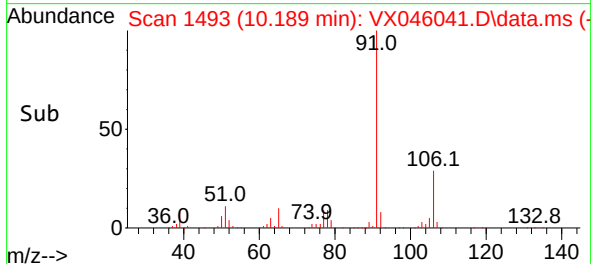
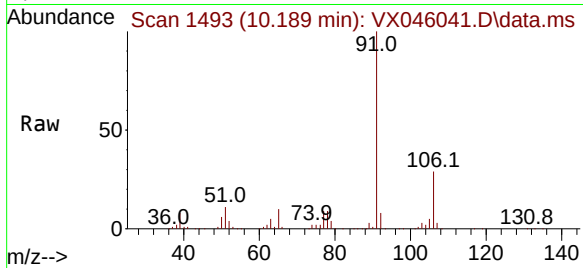
#67
Ethyl Benzene
Concen: 14.631 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 9811
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2

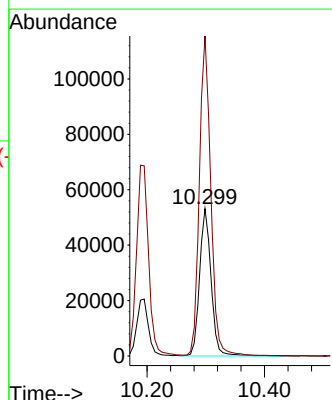
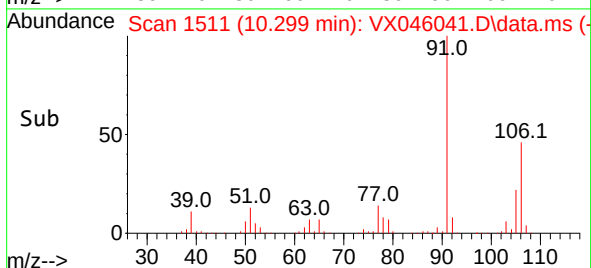
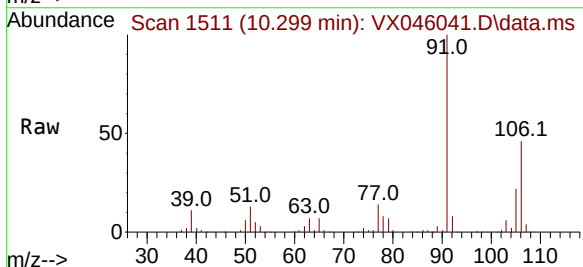
Manual Integrations
APPROVED

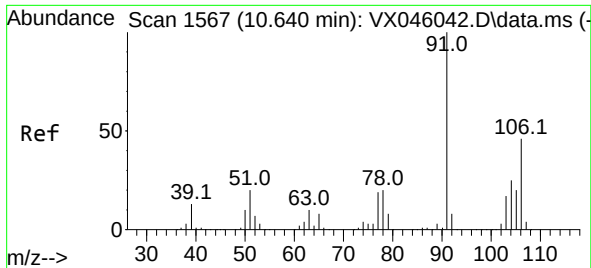
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#68
m/p-Xylenes
Concen: 29.806 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:106 Resp: 72202
Ion Ratio Lower Upper
106 100
91 216.1 171.2 256.8





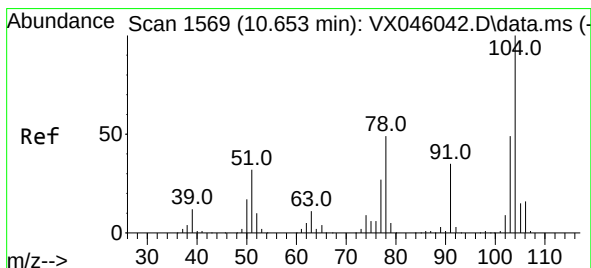
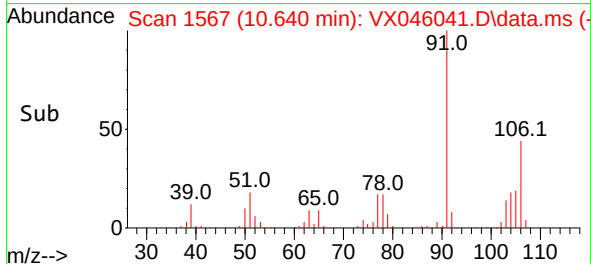
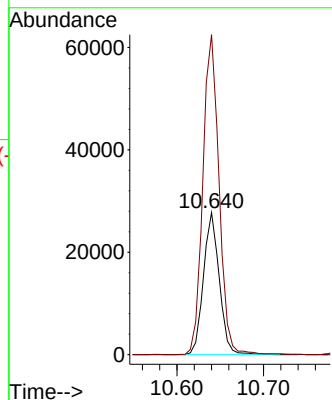
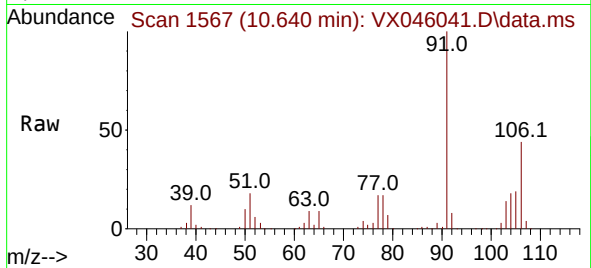
#69
o-Xylene
Concen: 14.408 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 35178
Ion Ratio Lower Upper
106 100
91 231.7 112.7 338.1

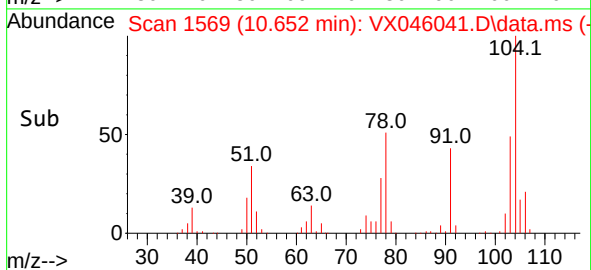
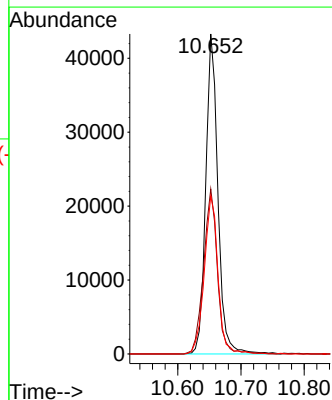
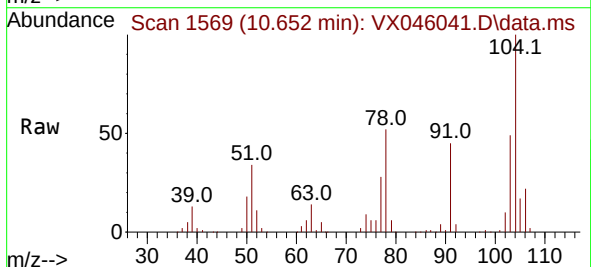
Manual Integrations
APPROVED

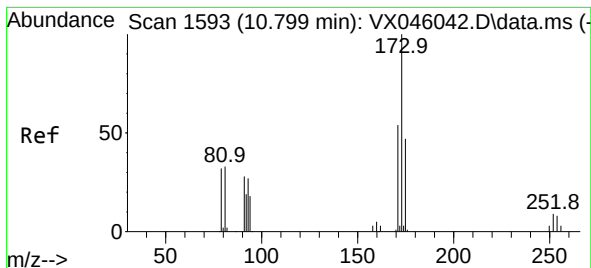
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#70
Styrene
Concen: 14.853 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion:104 Resp: 58034
Ion Ratio Lower Upper
104 100
78 58.7 45.7 68.5
103 55.6 43.7 65.5





#71

Bromoform

Concen: 14.030 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

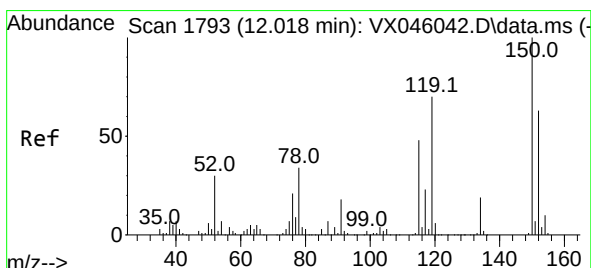
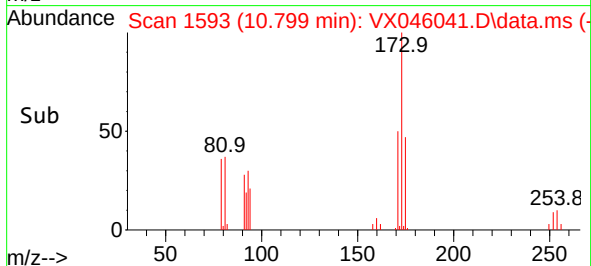
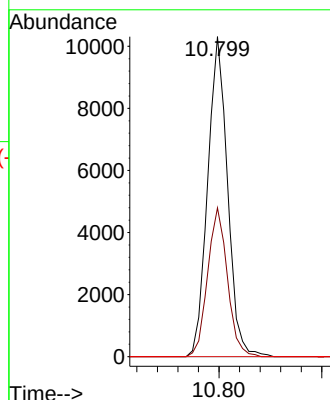
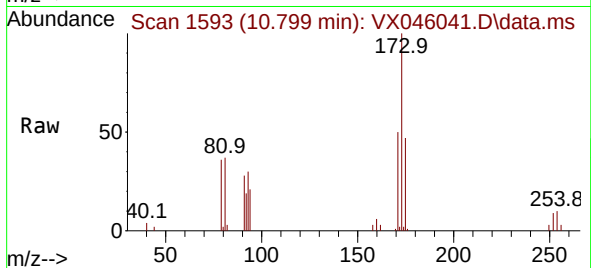
Tgt Ion:173	Resp:	1382
Ion Ratio	Lower	Upper
173	100	
175	46.4	23.4 70.0
254	0.0	0.0 0.0

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

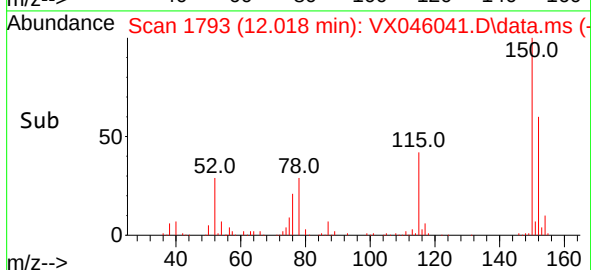
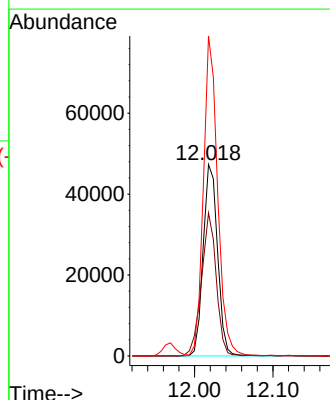
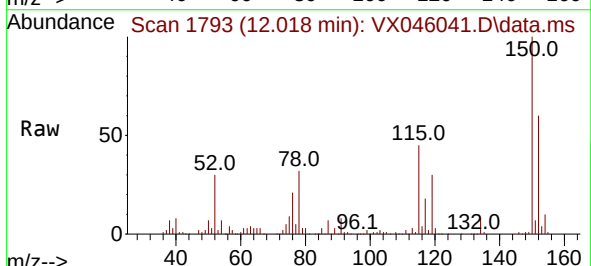
RT: 12.018 min Scan# 1793

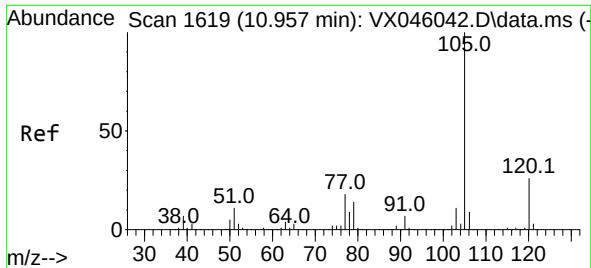
Delta R.T. -0.000 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

Tgt Ion:152	Resp:	60503
Ion Ratio	Lower	Upper
152	100	
115	76.6	46.9 140.7
150	163.6	0.0 351.0





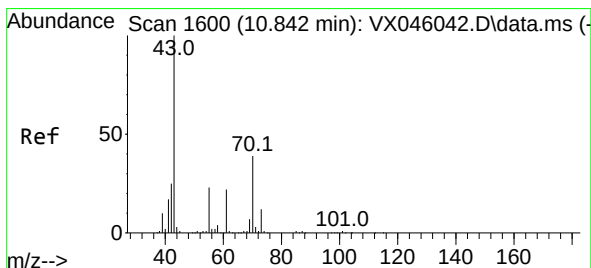
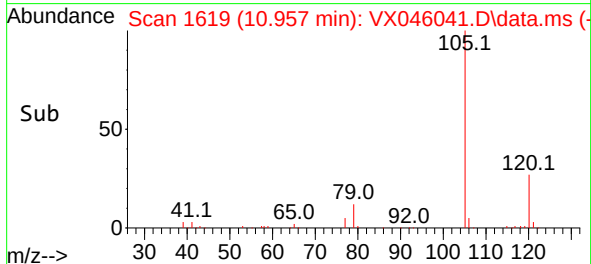
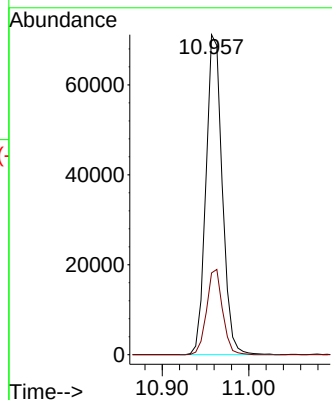
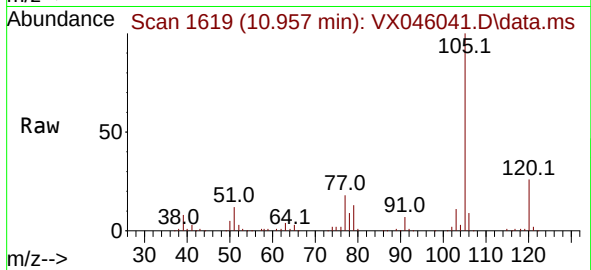
#73
Isopropylbenzene
Concen: 14.096 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 9301
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

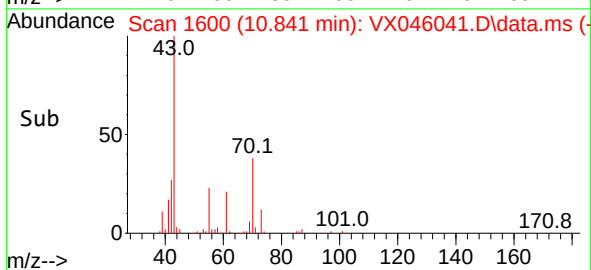
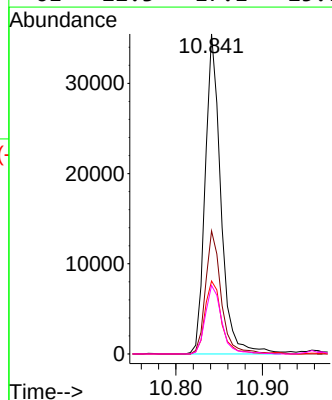
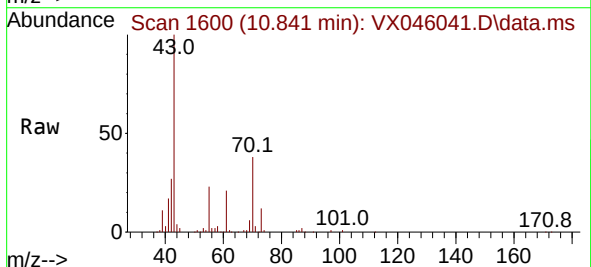
Manual Integrations
APPROVED

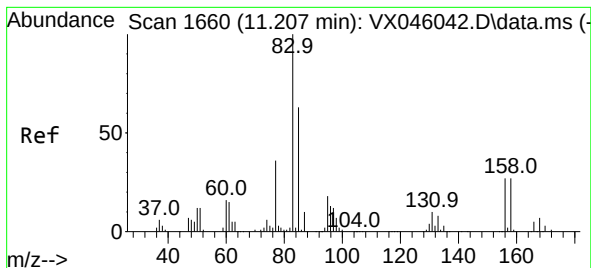
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#74
N-ethyl acetate
Concen: 13.581 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 43 Resp: 44684
Ion Ratio Lower Upper
43 100
70 38.5 30.9 46.3
55 24.1 18.7 28.1
61 22.3 17.1 25.7





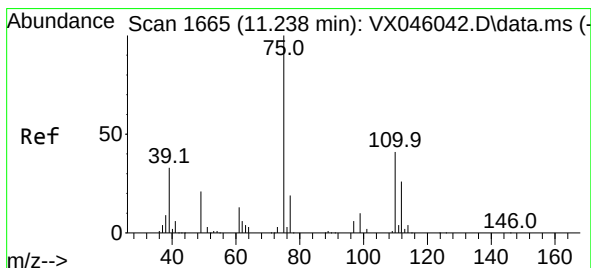
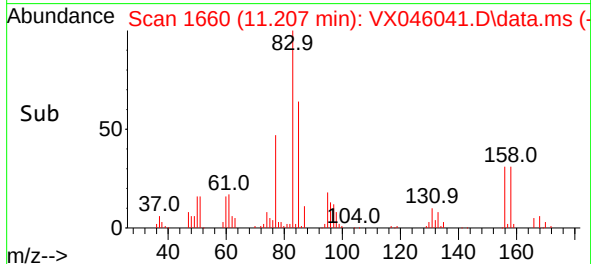
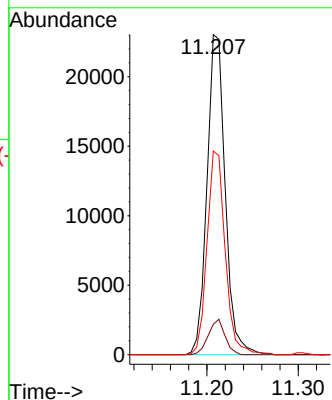
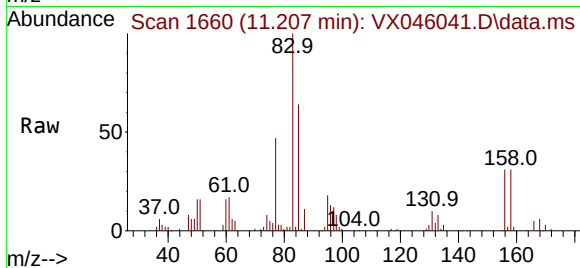
#75
1,1,2,2-Tetrachloroethane
Concen: 13.560 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 31830
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 63.3 31.9 95.7

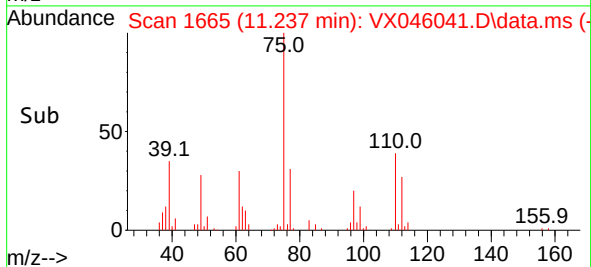
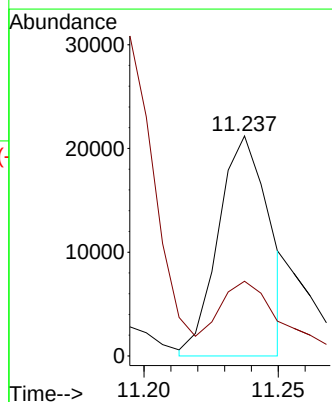
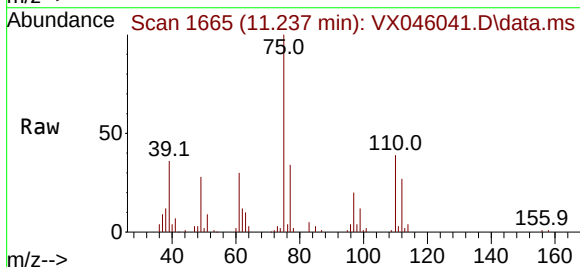
Manual Integrations
APPROVED

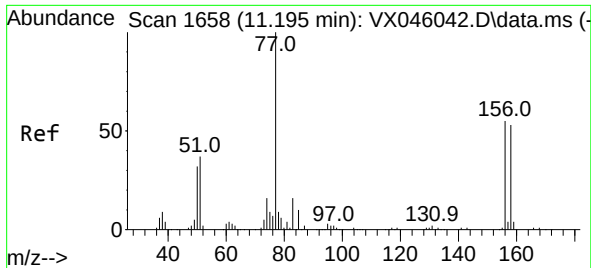
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#76
1,2,3-Trichloropropane
Concen: 11.039 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

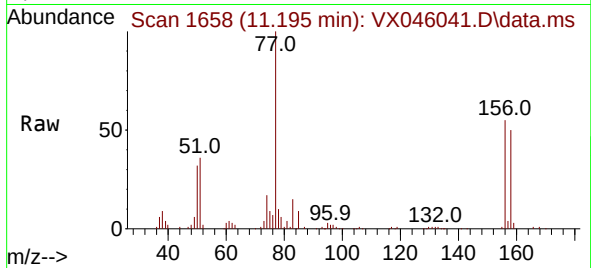
Tgt Ion: 75 Resp: 27845
Ion Ratio Lower Upper
75 100
77 43.0 20.5 61.5





#77
Bromobenzene
Concen: 14.212 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

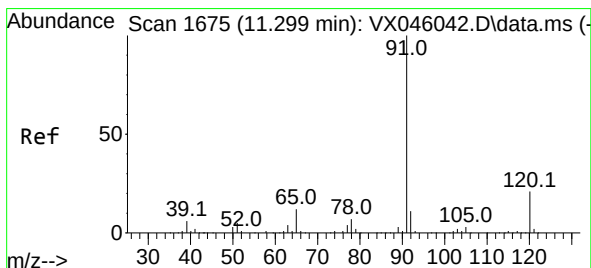
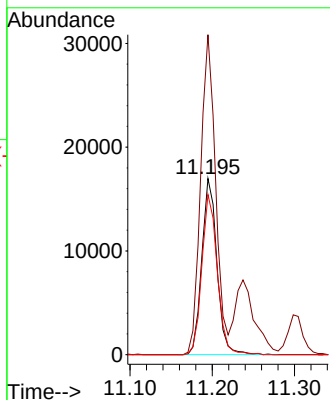
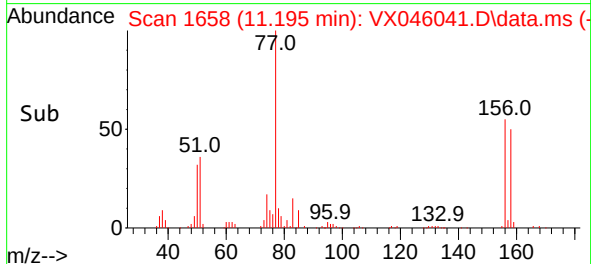
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



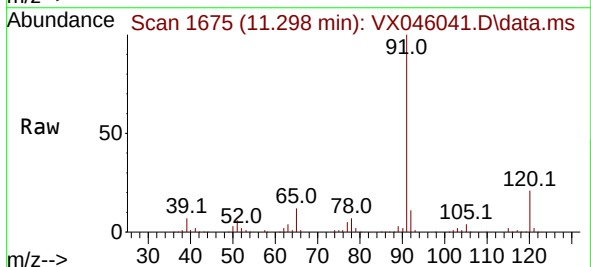
Tgt Ion:156 Resp: 2169
Ion Ratio Lower Upper
156 100
77 179.9 92.8 278.3
158 93.1 48.8 146.3

Manual Integrations
APPROVED

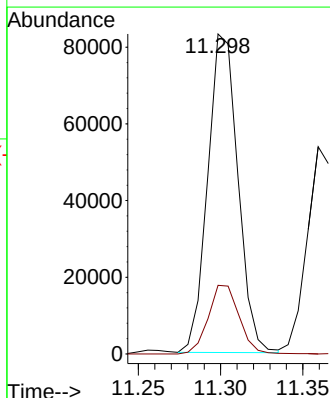
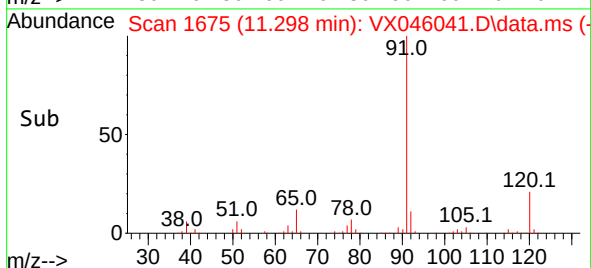
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

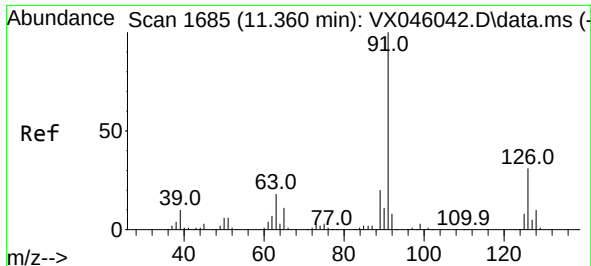


#78
n-propylbenzene
Concen: 14.376 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35



Tgt Ion: 91 Resp: 106337
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4





#79
2-Chlorotoluene
Concen: 13.748 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

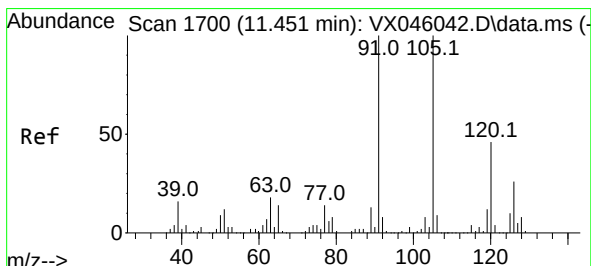
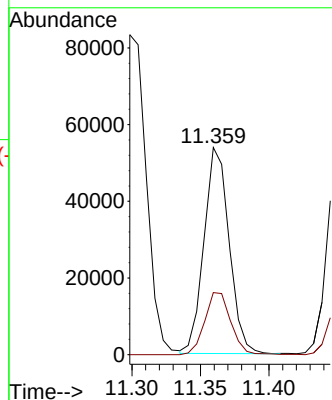
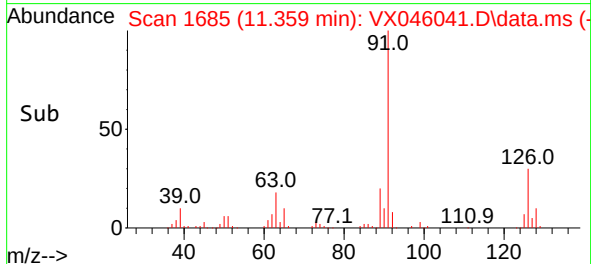
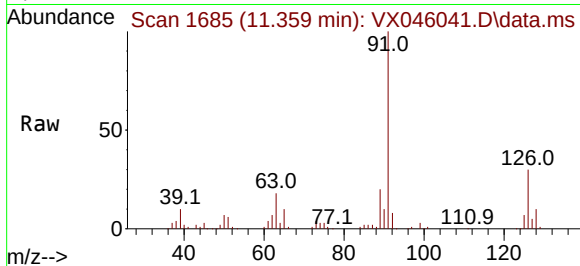
VSTDICC020

Tgt Ion: 91 Resp: 68534
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.7

Manual Integrations

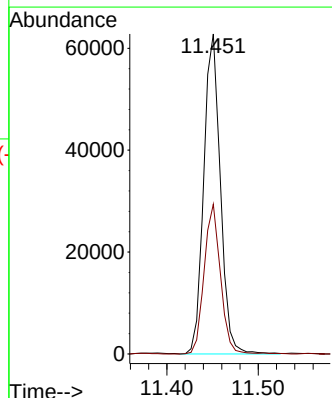
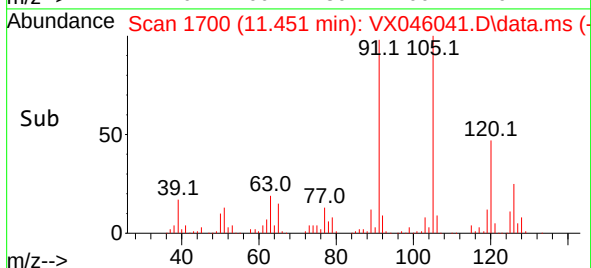
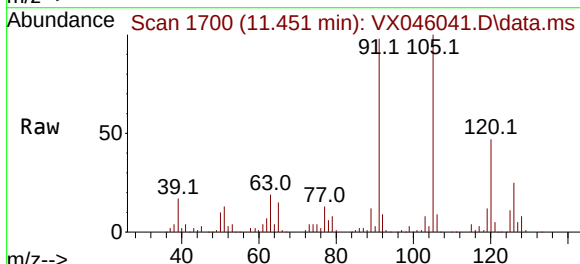
APPROVED

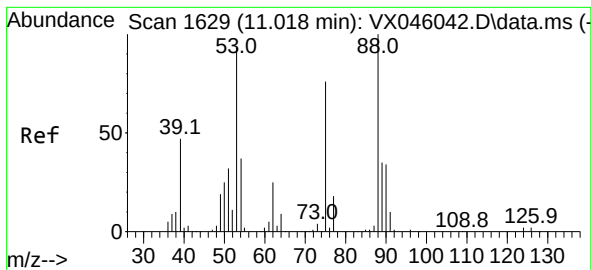
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 14.468 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

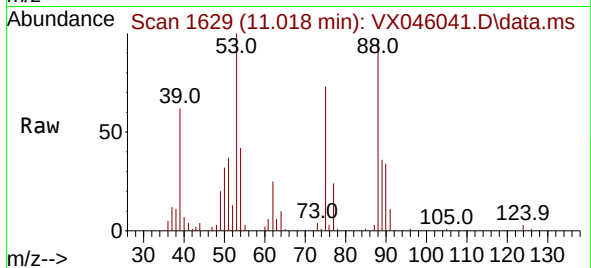
Tgt Ion:105 Resp: 79261
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 13.371 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

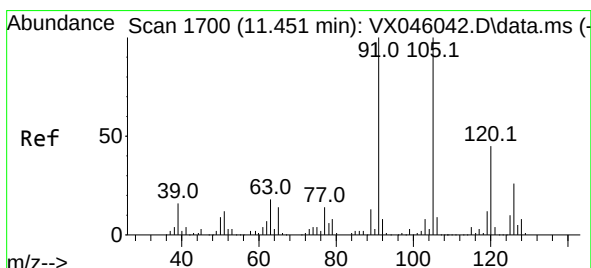
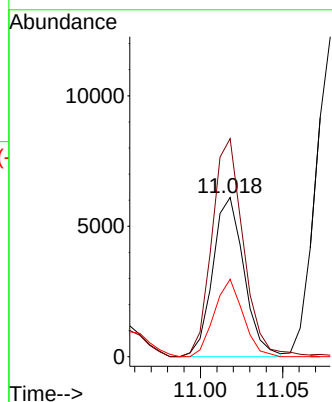
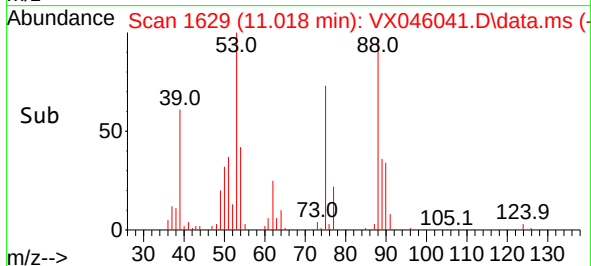
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 8104
Ion Ratio Lower Upper
75 100
53 138.3 100.5 150.7
89 44.6 37.0 55.6

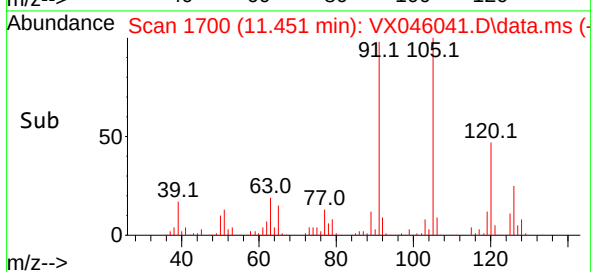
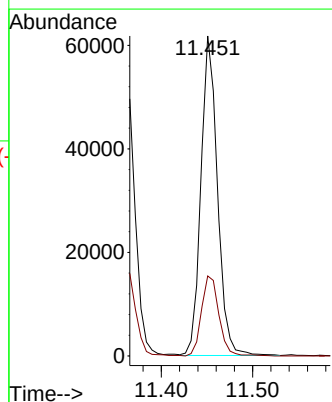
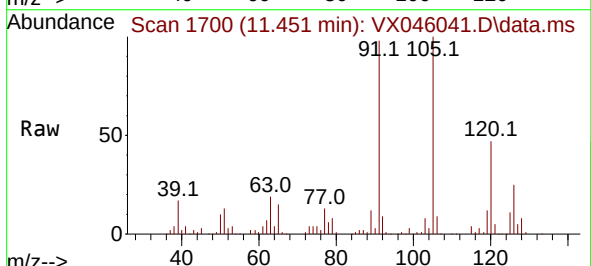
Manual Integrations
APPROVED

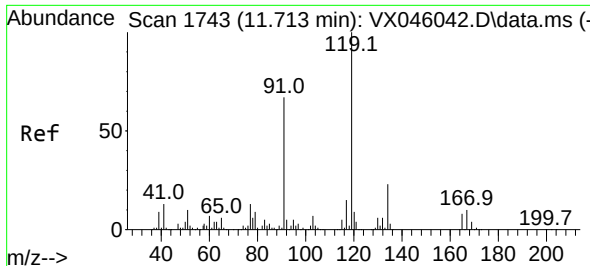
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#82
4-Chlorotoluene
Concen: 14.116 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

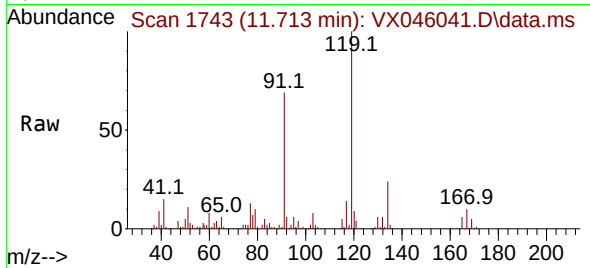
Tgt Ion: 91 Resp: 77338
Ion Ratio Lower Upper
91 100
126 26.5 13.3 39.8





#83
tert-Butylbenzene
Concen: 14.011 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

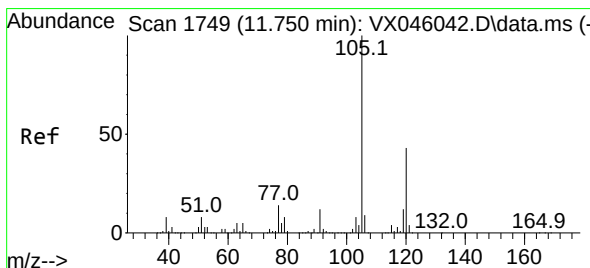
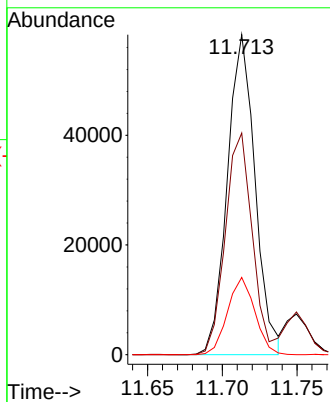
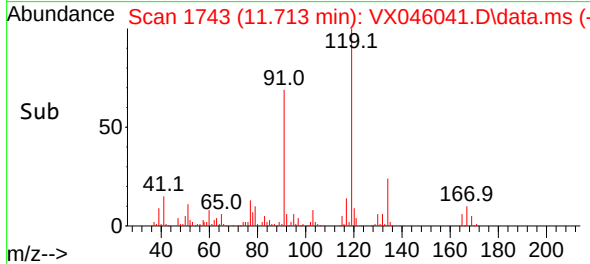
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



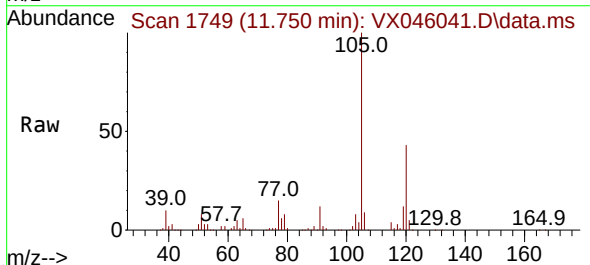
Tgt Ion:119 Resp: 75382
Ion Ratio Lower Upper
119 100
91 66.8 32.9 98.7
134 23.7 11.4 34.1

Manual Integrations
APPROVED

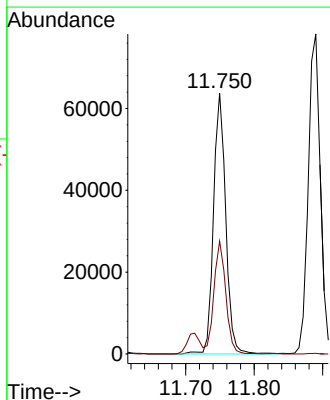
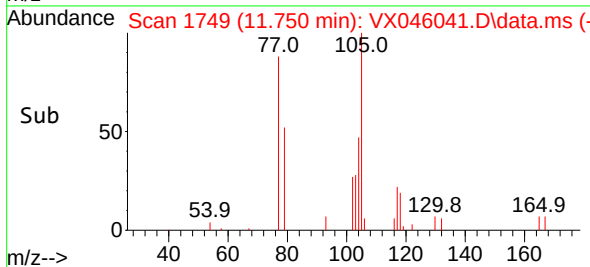
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

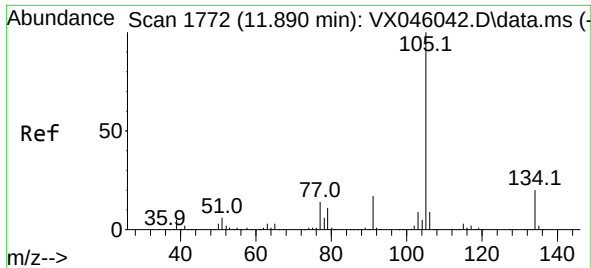


#84
1,2,4-Trimethylbenzene
Concen: 14.480 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35



Tgt Ion:105 Resp: 79232
Ion Ratio Lower Upper
105 100
120 42.0 21.2 63.6





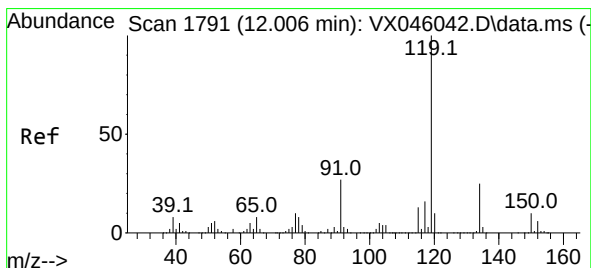
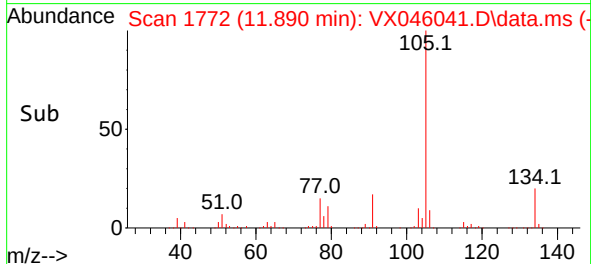
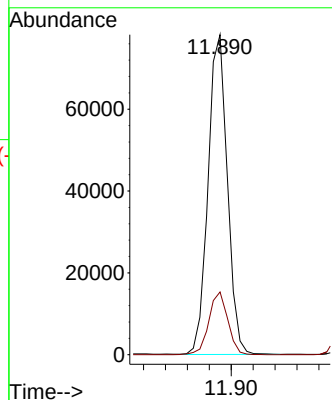
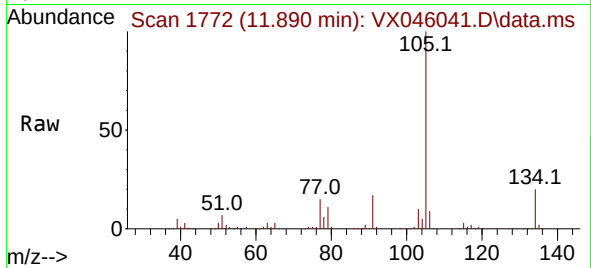
#85
 sec-Butylbenzene
 Concen: 14.263 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046041.D
 Acq: 05 May 2025 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 9527
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

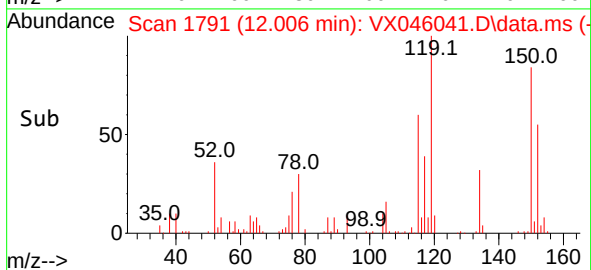
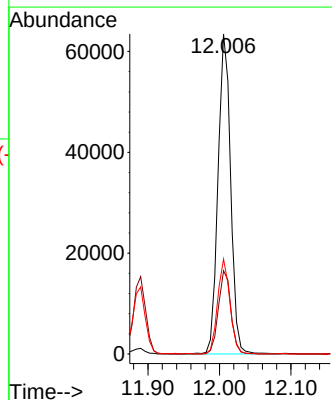
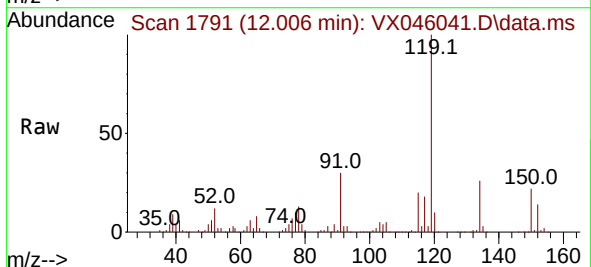
Manual Integrations
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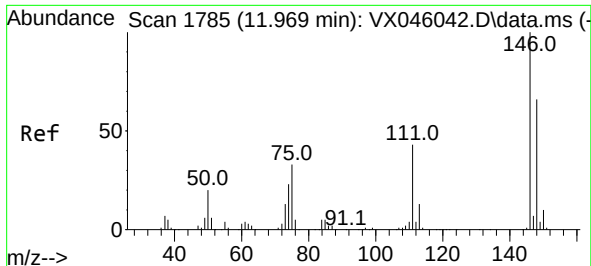
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#86
 p-Isopropyltoluene
 Concen: 14.387 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046041.D
 Acq: 05 May 2025 11:35

Tgt Ion:119 Resp: 77599
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.5 37.5
 91 28.8 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 13.898 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046041.D

Acq: 05 May 2025 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 39520

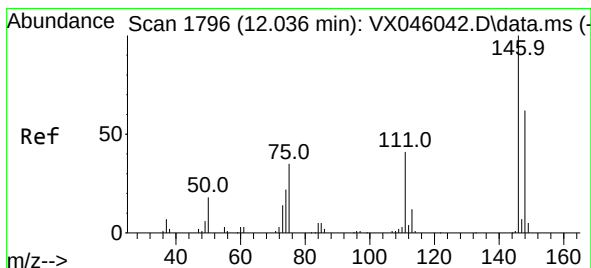
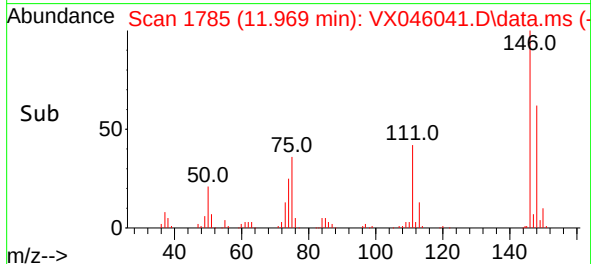
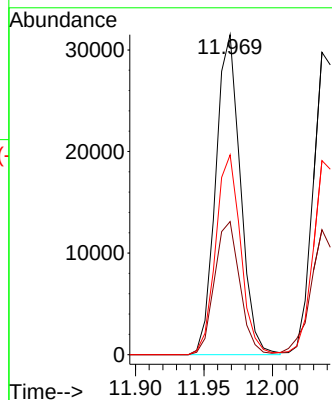
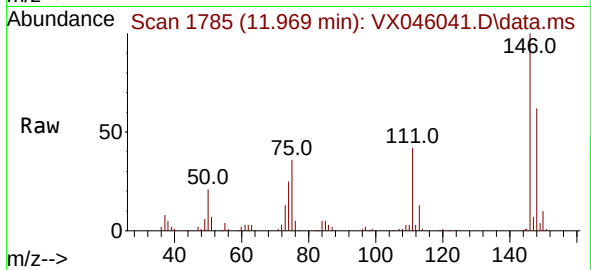
Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.1	66.3
148	62.9	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#88

1,4-Dichlorobenzene

Concen: 14.146 ug/l

RT: 12.036 min Scan# 1796

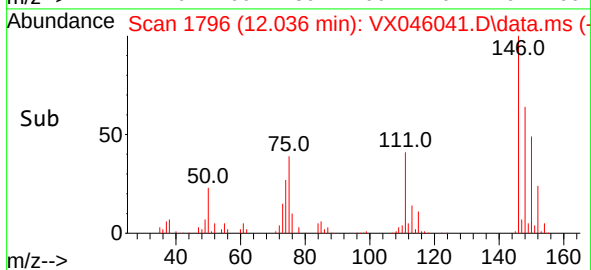
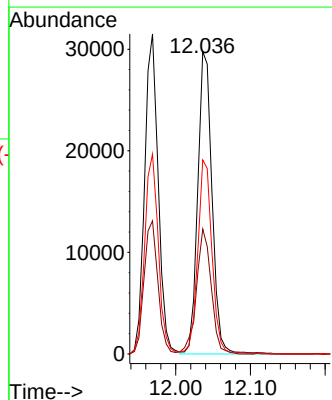
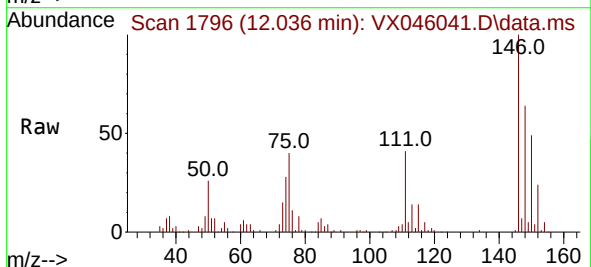
Delta R.T. -0.000 min

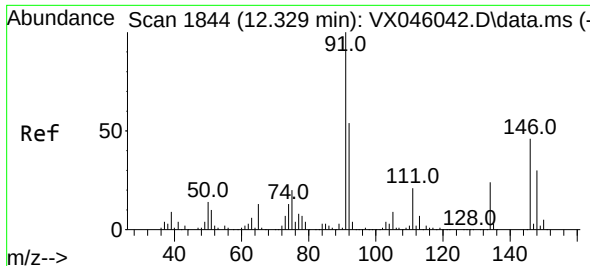
Lab File: VX046041.D

Acq: 05 May 2025 11:35

Tgt Ion:146 Resp: 39419

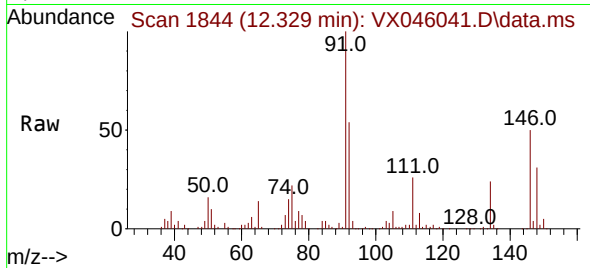
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.9
148	64.2	31.9	95.5





#89
n-Butylbenzene
Concen: 14.184 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

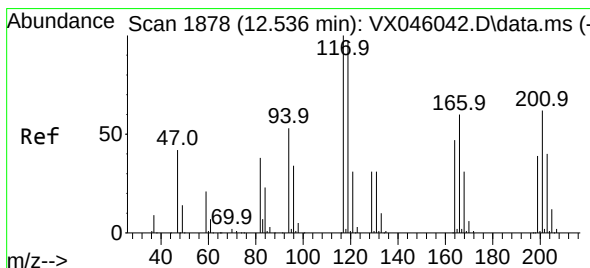
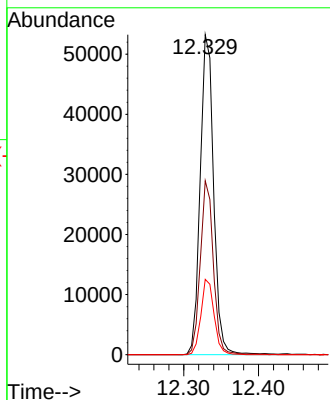
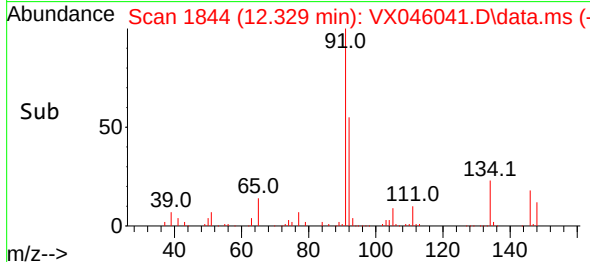
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 66500
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 23.1 11.8 35.3

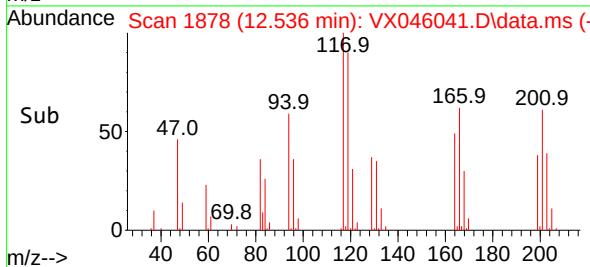
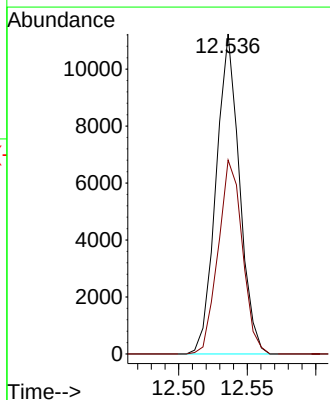
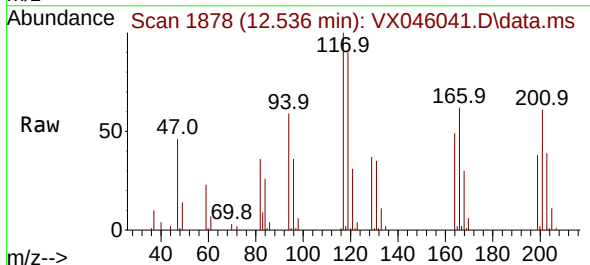
Manual Integrations
APPROVED

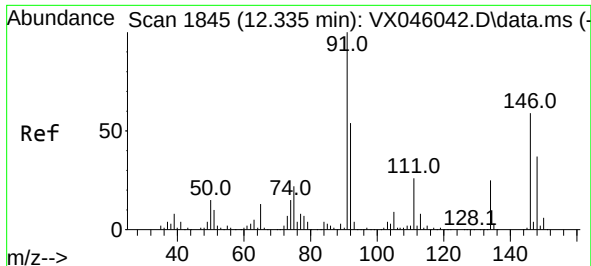
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#90
Hexachloroethane
Concen: 13.287 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

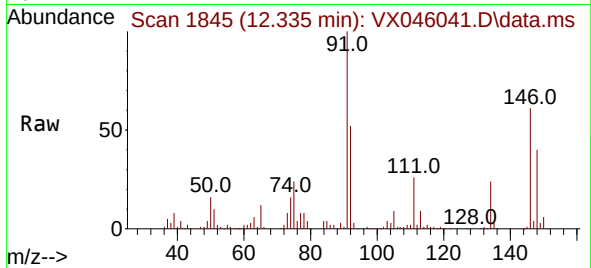
Tgt Ion:117 Resp: 13332
Ion Ratio Lower Upper
117 100
201 62.9 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 14.092 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

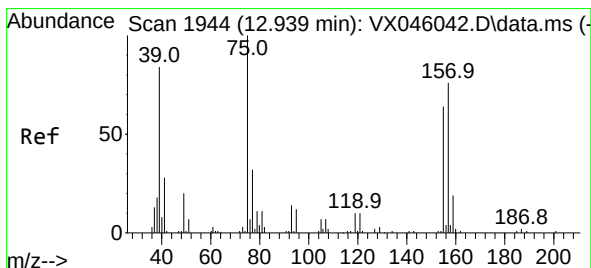
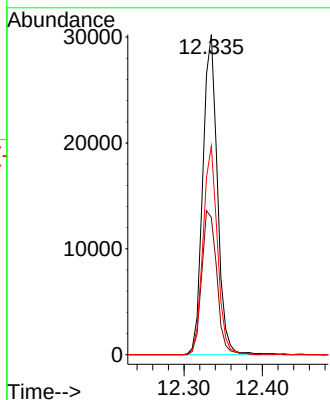
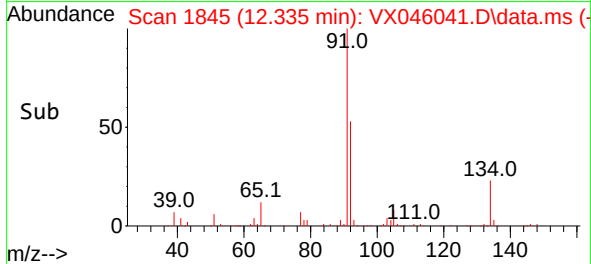
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 3903
Ion Ratio Lower Upper
146 100
111 46.6 22.4 67.3
148 64.2 31.6 94.8

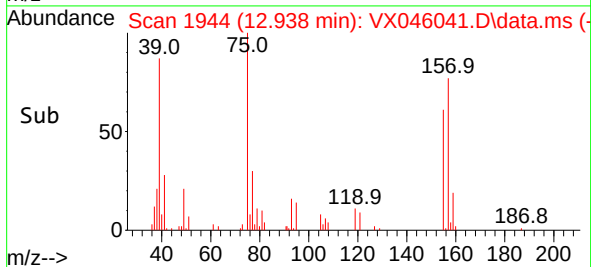
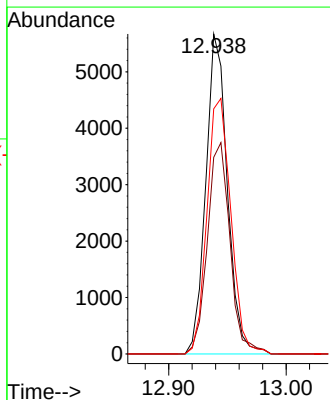
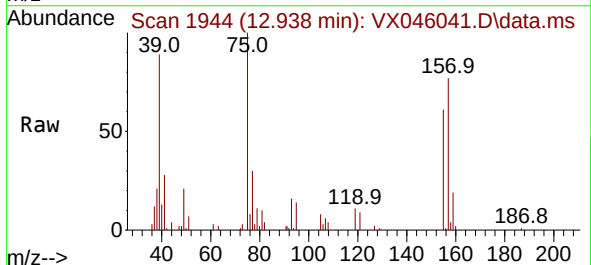
Manual Integrations
APPROVED

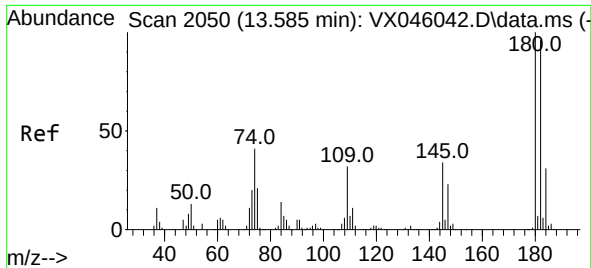
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.535 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Tgt Ion: 75 Resp: 7232
Ion Ratio Lower Upper
75 100
155 69.4 34.9 104.8
157 88.4 43.8 131.4





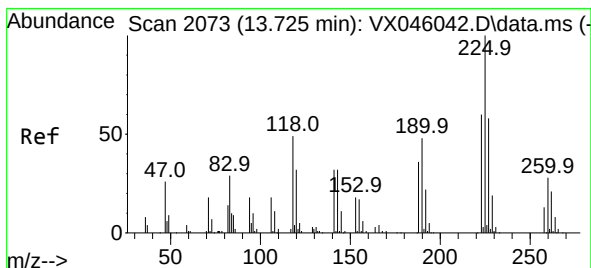
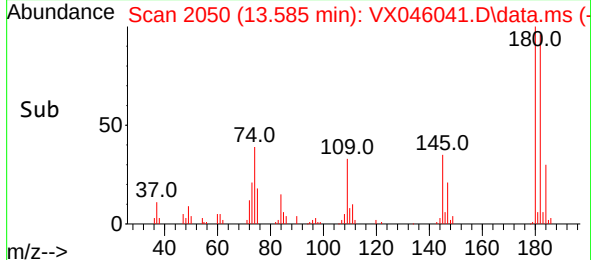
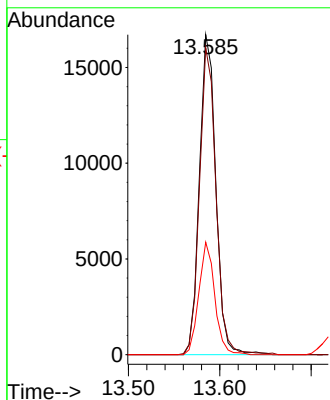
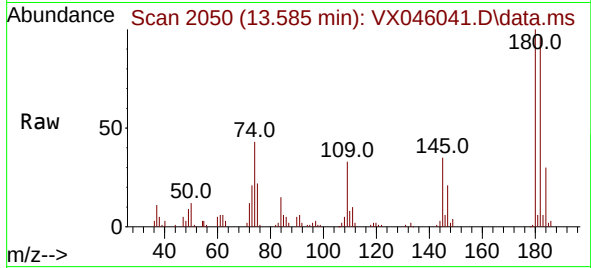
#93
1,2,4-Trichlorobenzene
Concen: 13.745 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 20840
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.8
145 34.1 17.1 51.2

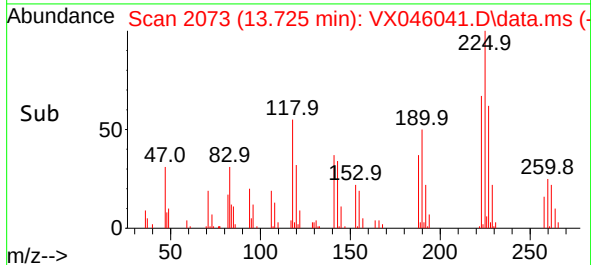
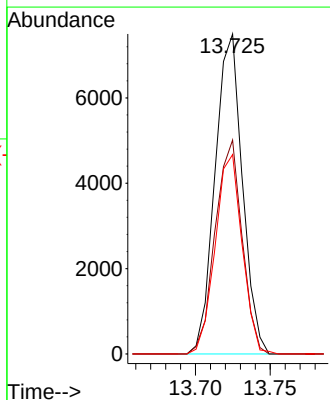
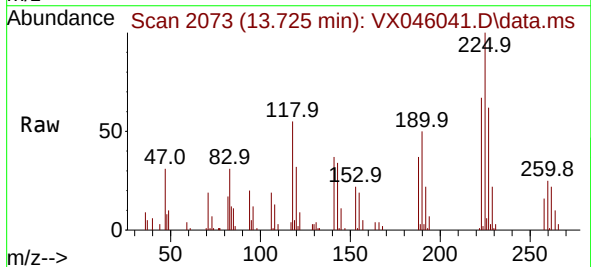
Manual Integrations
APPROVED

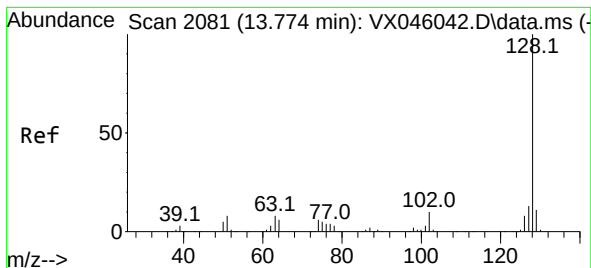
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#94
Hexachlorobutadiene
Concen: 13.426 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

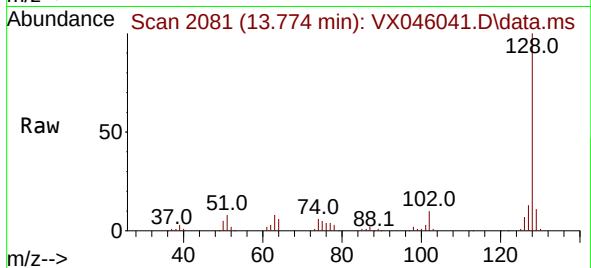
Tgt Ion:225 Resp: 9524
Ion Ratio Lower Upper
225 100
223 65.6 30.8 92.4
227 61.4 30.9 92.7





#95
Naphthalene
Concen: 14.040 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35

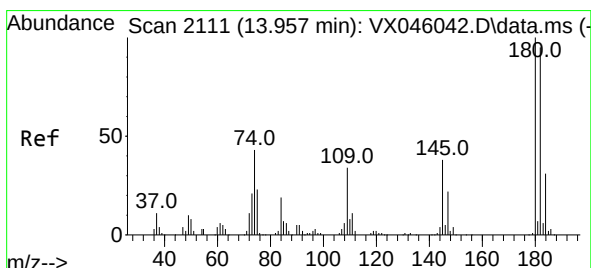
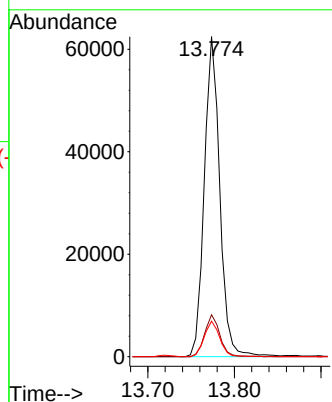
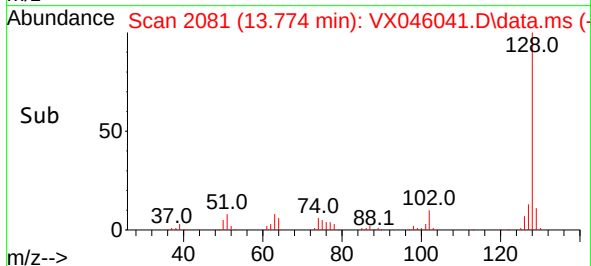
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



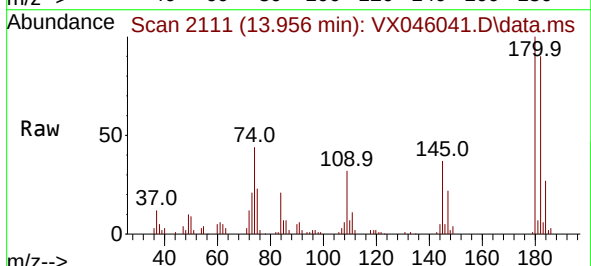
Tgt Ion:128 Resp: 7754
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.6 13.0

Manual Integrations
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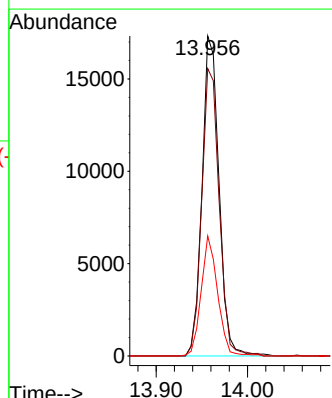
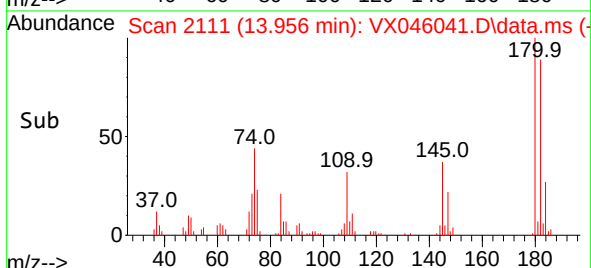
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 14.023 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046041.D
Acq: 05 May 2025 11:35



Tgt Ion:180 Resp: 22301
Ion Ratio Lower Upper
180 100
182 92.1 47.8 143.3
145 36.5 18.1 54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046042.D
 Acq On : 05 May 2025 11:58
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:09:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	97076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88371	30.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	61.200%#		
35) Dibromofluoromethane	5.379	113	59550	31.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	63.260%#		
50) Toluene-d8	8.647	98	205479	32.395	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	64.780%#		
62) 4-Bromofluorobenzene	11.079	95	79012	34.229	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	68.460%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	83826	39.120	ug/l	100
3) Chloromethane	1.307	50	75238	35.658	ug/l	100
4) Vinyl Chloride	1.374	62	68901	37.273	ug/l	100
5) Bromomethane	1.593	94	31648	33.765	ug/l	100
6) Chloroethane	1.666	64	36722	38.558	ug/l	100
7) Trichlorofluoromethane	1.874	101	103693	36.824	ug/l	100
8) Diethyl Ether	2.136	74	32724	35.350	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	62251	36.997	ug/l	100
10) Methyl Iodide	2.447	142	78277	39.622	ug/l	100
11) Tert butyl alcohol	2.977	59	62557	181.745	ug/l	100
12) 1,1-Dichloroethene	2.313	96	58334	35.610	ug/l	100
13) Acrolein	2.233	56	73927	184.907	ug/l	100
14) Allyl chloride	2.654	41	114445	36.971	ug/l	100
15) Acrylonitrile	3.062	53	188304	182.874	ug/l	100
16) Acetone	2.386	43	175777	177.910	ug/l	100
17) Carbon Disulfide	2.502	76	141281	37.223	ug/l	100
18) Methyl Acetate	2.703	43	82347	34.915	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	209665	36.695	ug/l	100
20) Methylene Chloride	2.782	84	66412	33.182	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59234	35.421	ug/l	100
22) Diisopropyl ether	3.757	45	221172	38.241	ug/l	100
23) Vinyl Acetate	3.721	43	994236	194.528	ug/l	100
24) 1,1-Dichloroethane	3.605	63	122601	36.067	ug/l	100
25) 2-Butanone	4.556	43	269224	188.783	ug/l	100
26) 2,2-Dichloropropane	4.465	77	92857	36.059	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71518	35.466	ug/l	100
28) Bromochloromethane	4.898	49	56091	31.031	ug/l	100
29) Tetrahydrofuran	5.001	42	170124	183.679	ug/l	100
30) Chloroform	5.087	83	125850	35.626	ug/l	100
31) Cyclohexane	5.464	56	109459	38.205	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	109781	36.034	ug/l	100
36) 1,1-Dichloropropene	5.684	75	83215	38.073	ug/l	100
37) Ethyl Acetate	4.715	43	102537	37.394	ug/l	100
38) Carbon Tetrachloride	5.672	117	93712	37.320	ug/l	100
39) Methylcyclohexane	7.373	83	107651	39.307	ug/l	100
40) Benzene	6.031	78	247476	36.530	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046042.D
 Acq On : 05 May 2025 11:58
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:09:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58082	38.123	ug/l	100
42) 1,2-Dichloroethane	6.080	62	105332	37.605	ug/l	100
43) Isopropyl Acetate	6.336	43	161787	38.598	ug/l	100
44) Trichloroethene	7.123	130	59623	37.230	ug/l	100
45) 1,2-Dichloropropane	7.428	63	62387	37.064	ug/l	100
46) Dibromomethane	7.574	93	48201	36.326	ug/l	100
47) Bromodichloromethane	7.818	83	96916	37.685	ug/l	100
48) Methyl methacrylate	7.690	41	84277	39.157	ug/l	100
49) 1,4-Dioxane	7.659	88	30529	713.477	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	532388	193.653	ug/l	100
52) Toluene	8.714	92	150757	37.530	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	88655	41.056	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	97031	38.521	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	59499	36.648	ug/l	100
56) Ethyl methacrylate	9.116	69	99947	39.726	ug/l	100
57) 1,3-Dichloropropane	9.305	76	104606	36.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	257678	227.902	ug/l	100
59) 2-Hexanone	9.427	43	396784	190.168	ug/l	100
60) Dibromochloromethane	9.519	129	67198	38.027	ug/l	100
61) 1,2-Dibromoethane	9.604	107	62633	37.567	ug/l	100
64) Tetrachloroethene	9.269	164	54853	36.726	ug/l	100
65) Chlorobenzene	10.079	112	160600	35.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57066	38.017	ug/l	100
67) Ethyl Benzene	10.189	91	295712	38.543	ug/l	100
68) m/p-Xylenes	10.299	106	216578	78.142	ug/l	100
69) o-Xylene	10.640	106	106335	38.064	ug/l	100
70) Styrene	10.653	104	178313	39.888	ug/l	100
71) Bromoform	10.799	173	44486	39.457	ug/l #	100
73) Isopropylbenzene	10.957	105	280719	37.865	ug/l	100
74) N-amyl acetate	10.842	43	140509	38.012	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	90975	34.495	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	80678m	28.468	ug/l	
77) Bromobenzene	11.195	156	63053	36.763	ug/l	100
78) n-propylbenzene	11.299	91	329981	39.707	ug/l	100
79) 2-Chlorotoluene	11.360	91	203509	36.336	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	237066	38.516	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26179	38.445	ug/l	100
82) 4-Chlorotoluene	11.451	91	233172	37.880	ug/l	100
83) tert-Butylbenzene	11.713	119	233468	38.622	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	239433	38.946	ug/l	100
85) sec-Butylbenzene	11.890	105	291074	38.786	ug/l	100
86) p-Isopropyltoluene	12.006	119	241658	39.879	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	115651	36.199	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	115097	36.763	ug/l	100
89) n-Butylbenzene	12.329	91	213899	40.603	ug/l	100
90) Hexachloroethane	12.536	117	42314	37.534	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	115286	37.047	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21909	36.496	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	66655	39.117	ug/l	100
94) Hexachlorobutadiene	13.725	225	29007	36.395	ug/l	100
95) Naphthalene	13.774	128	245568	39.575	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	69262	38.765	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046042.D
Acq On : 05 May 2025 11:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

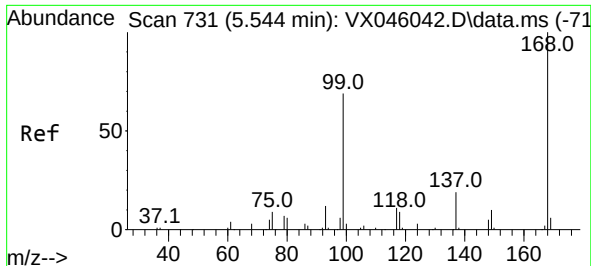
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:09:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

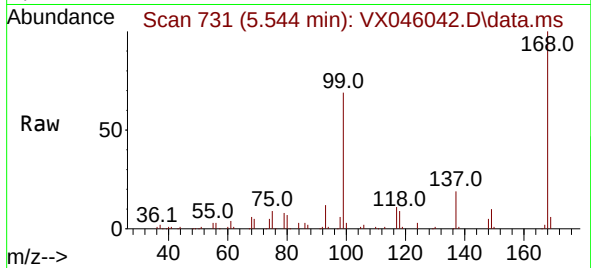
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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. -0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

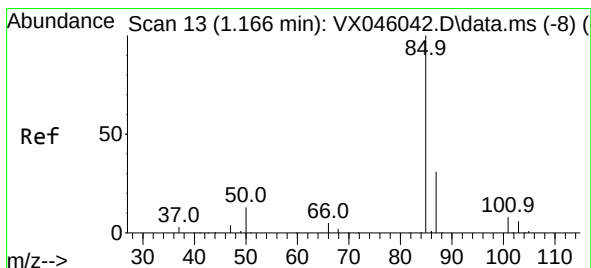
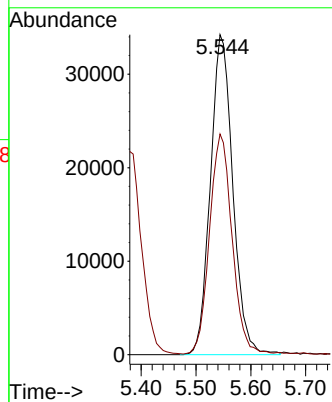
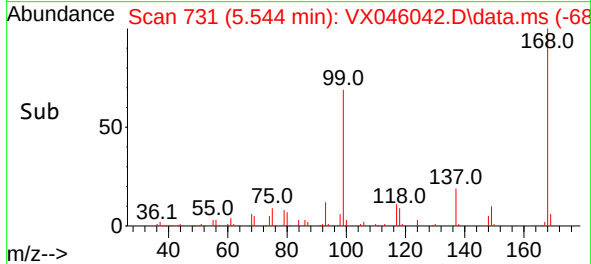
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 97070
Ion Ratio Lower Upper
168 100
99 68.6 54.9 82.3

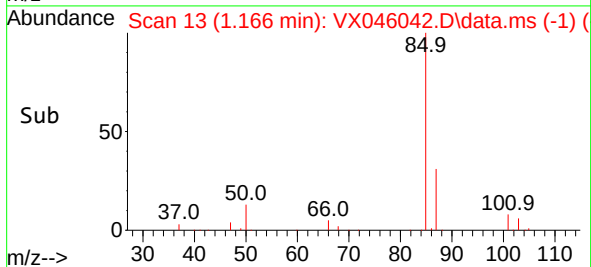
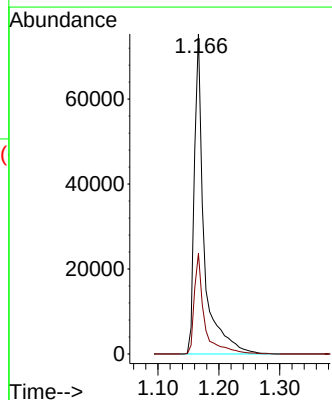
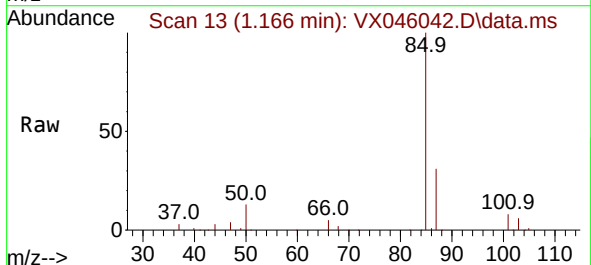
Manual Integrations
APPROVED

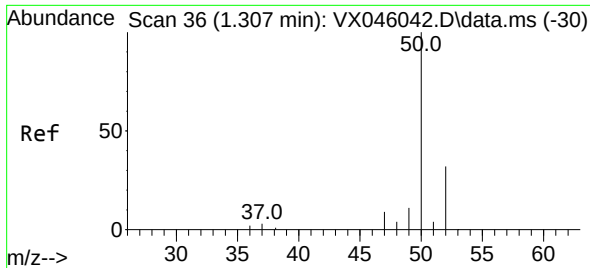
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 39.120 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 85 Resp: 83826
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.1





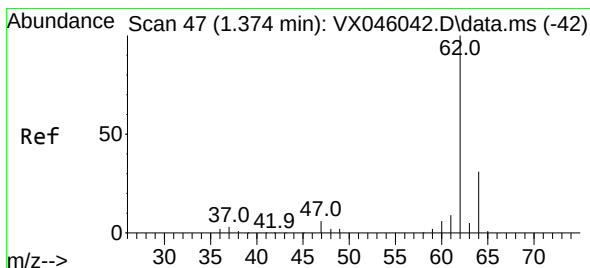
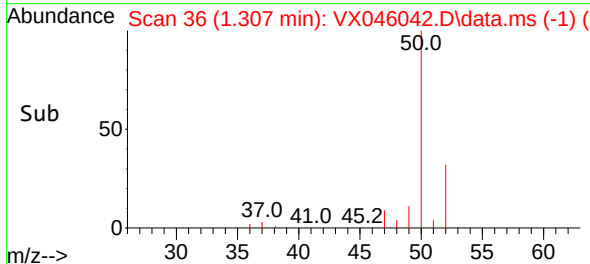
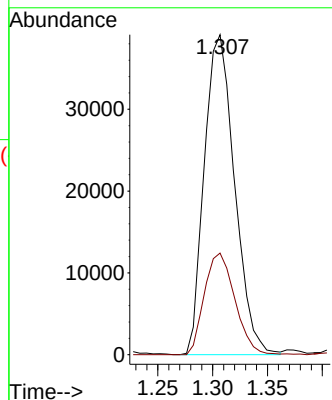
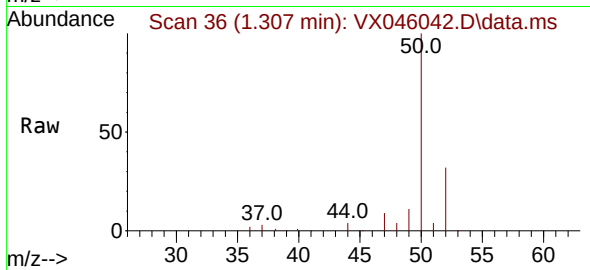
#3
Chloromethane
Concen: 35.658 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 75238
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

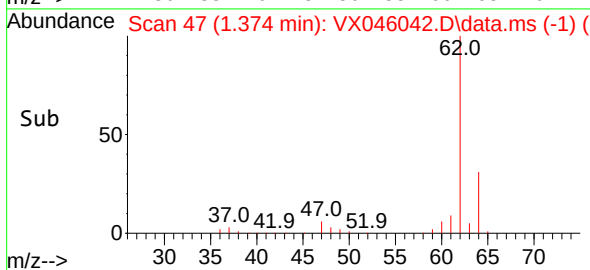
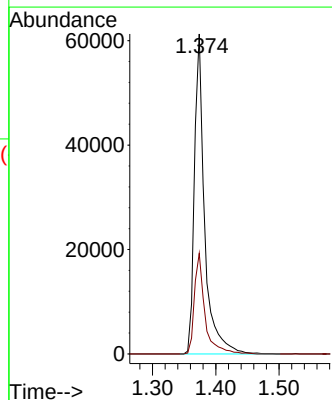
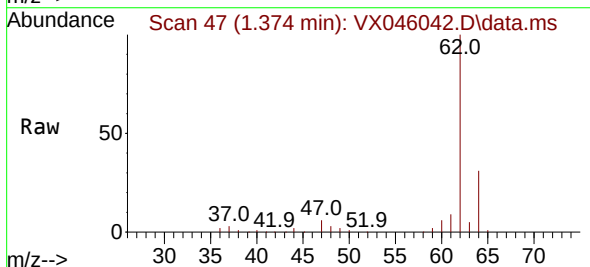
Manual Integrations
APPROVED

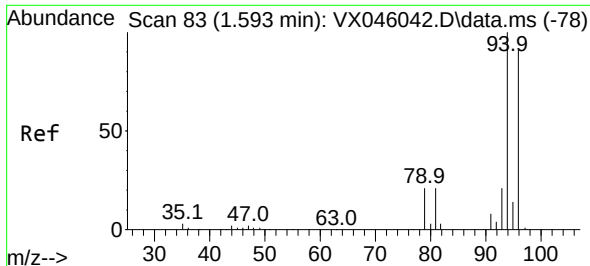
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#4
Vinyl Chloride
Concen: 37.273 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

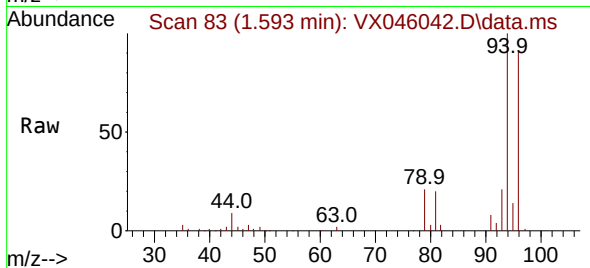
Tgt Ion: 62 Resp: 68901
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5
Bromomethane
Concen: 33.765 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

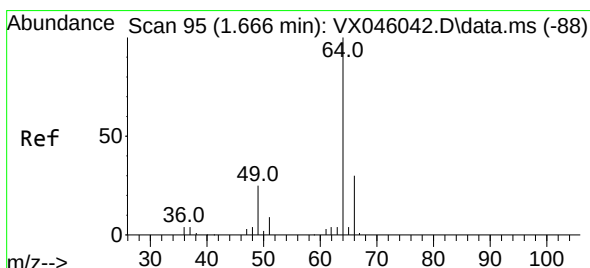
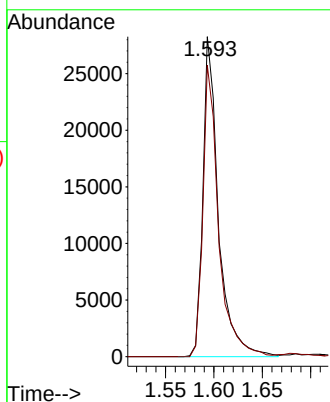
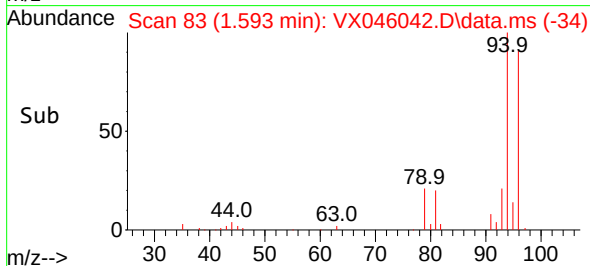
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 94 Resp: 31648
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2

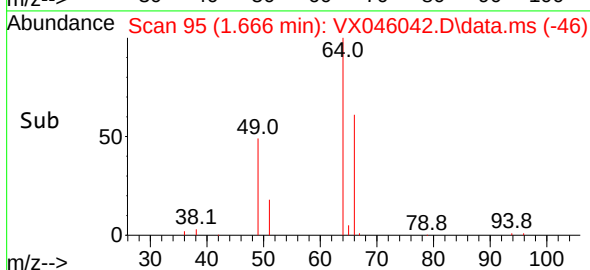
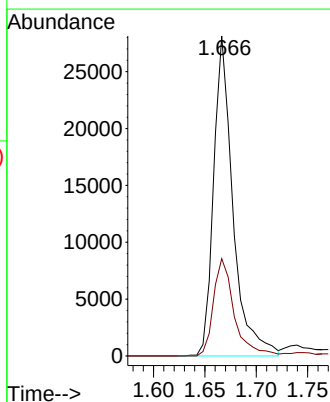
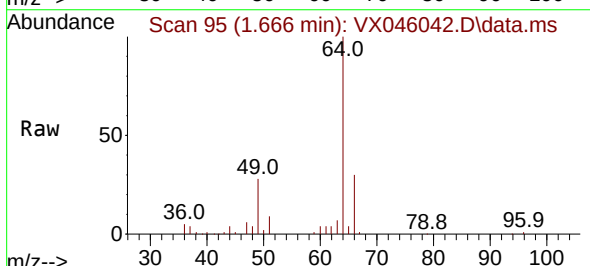
Manual Integrations
APPROVED

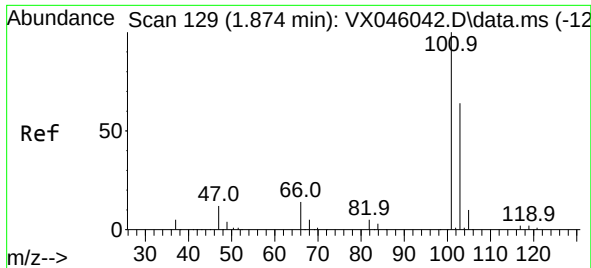
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#6
Chloroethane
Concen: 38.558 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

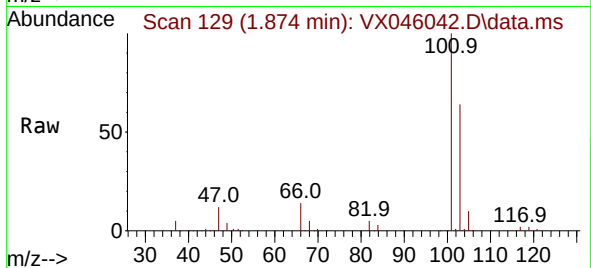
Tgt Ion: 64 Resp: 36722
Ion Ratio Lower Upper
64 100
66 30.4 24.3 36.5





#7
Trichlorofluoromethane
Concen: 36.824 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

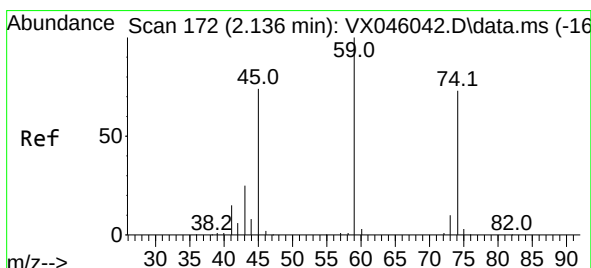
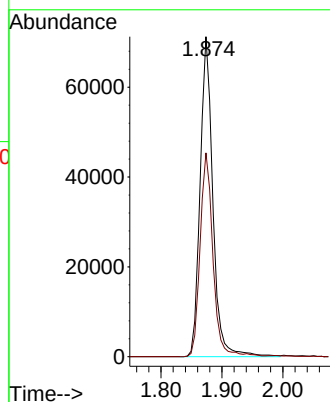
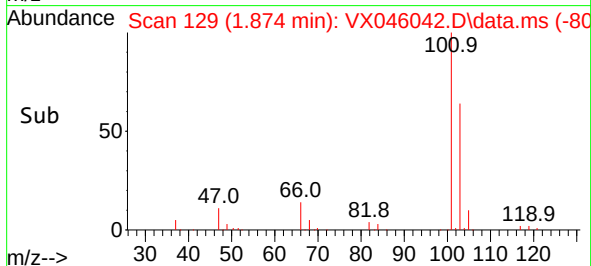
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



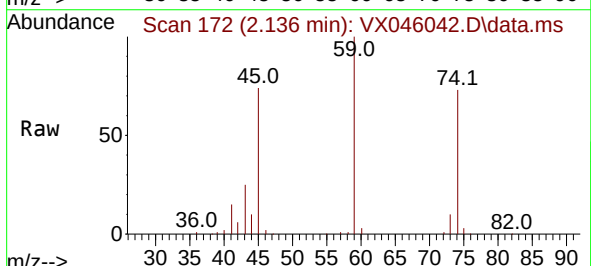
Tgt Ion:101 Resp: 10369
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.4

Manual Integrations
APPROVED

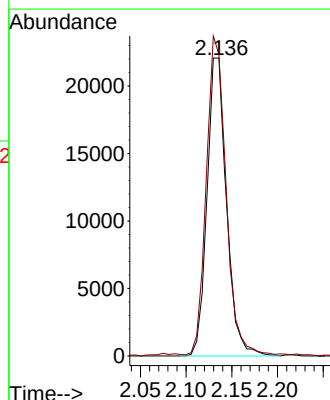
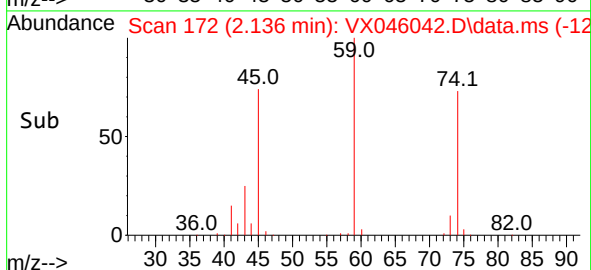
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

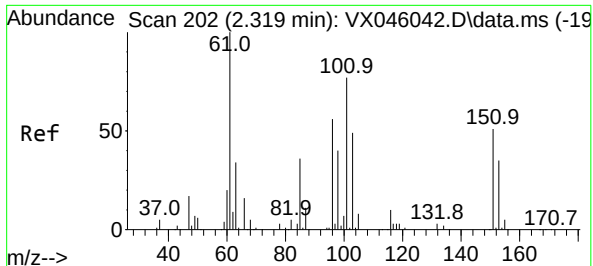


#8
Diethyl Ether
Concen: 35.350 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58



Tgt Ion: 74 Resp: 32724
Ion Ratio Lower Upper
74 100
45 109.9 54.9 164.8





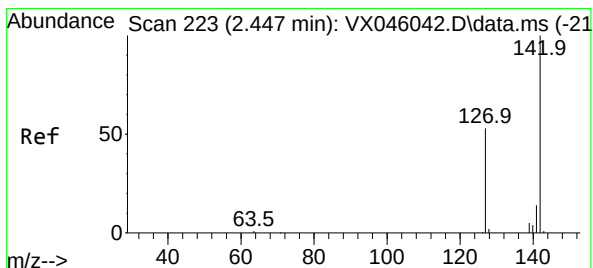
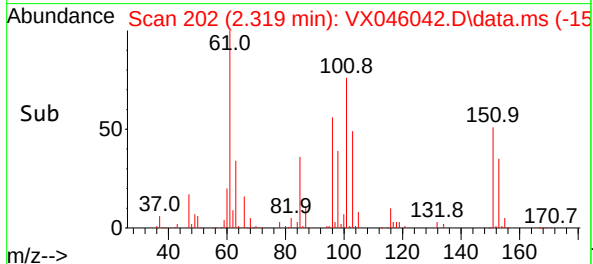
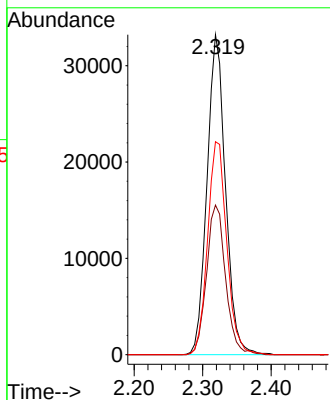
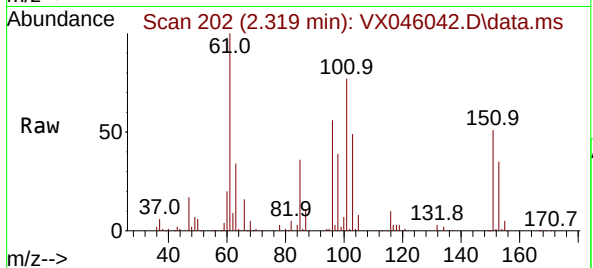
#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.997 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 6225
Ion Ratio Lower Upper
101 100
85 48.3 38.6 58.0
151 69.0 55.2 82.8

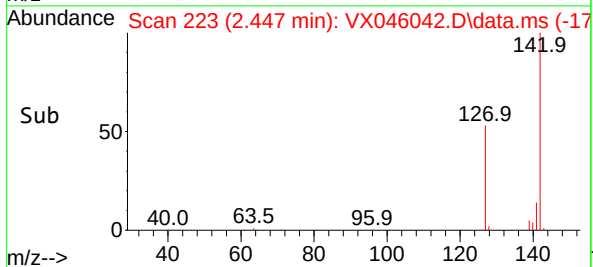
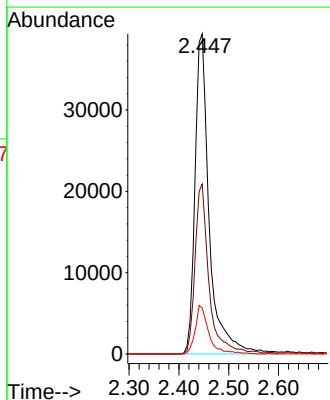
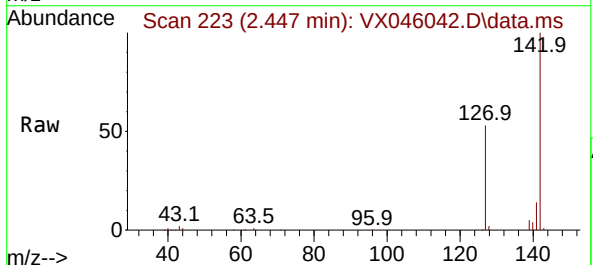
Manual Integrations
APPROVED

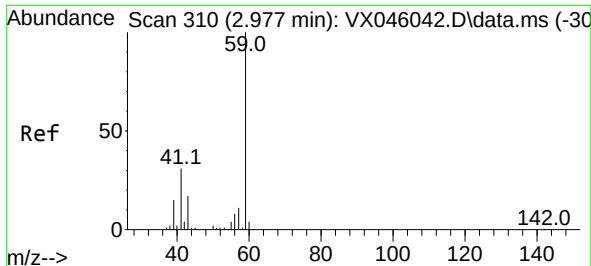
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#10
Methyl Iodide
Concen: 39.622 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

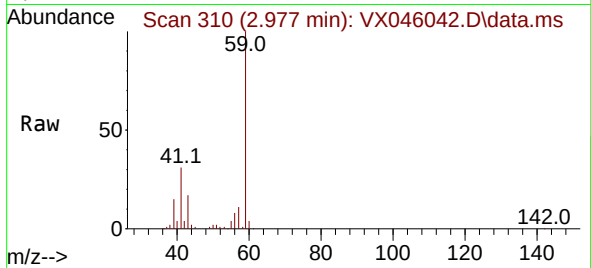
Tgt Ion:142 Resp: 78277
Ion Ratio Lower Upper
142 100
127 52.1 41.7 62.5
141 14.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 181.745 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

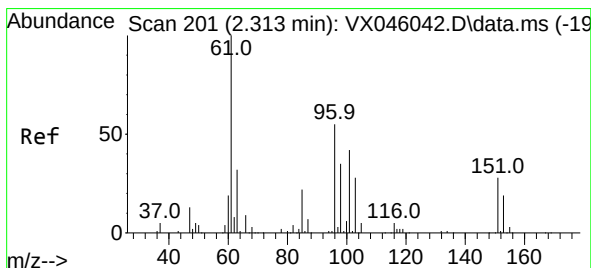
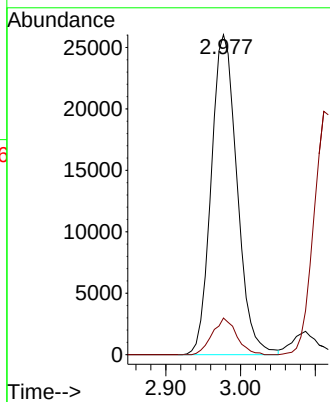
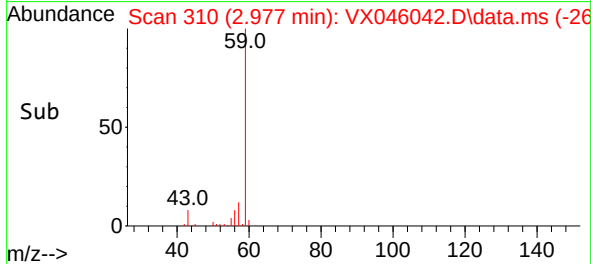
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



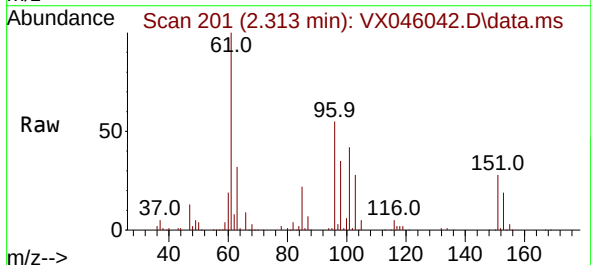
Tgt Ion: 59 Resp: 6255
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

Manual Integrations
APPROVED

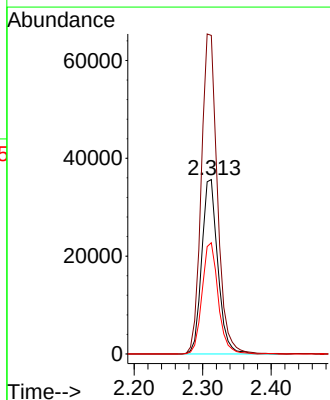
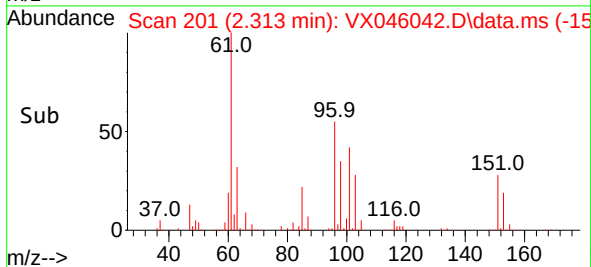
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

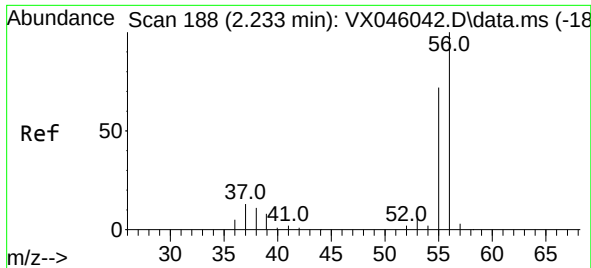


#12
1,1-Dichloroethene
Concen: 35.610 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58



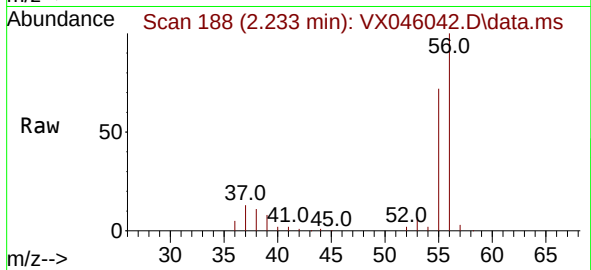
Tgt Ion: 96 Resp: 58334
Ion Ratio Lower Upper
96 100
61 182.7 146.2 219.2
98 63.8 51.0 76.6





#13
Acrolein
Concen: 184.907 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

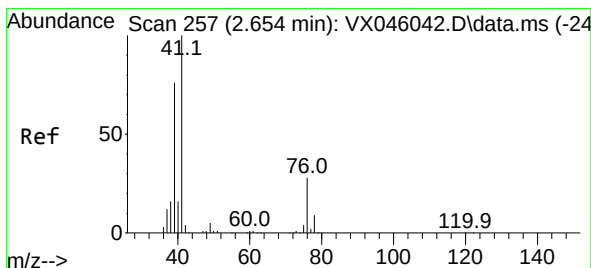
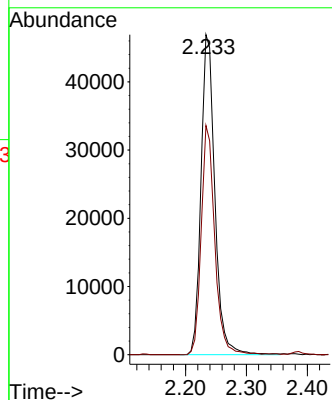
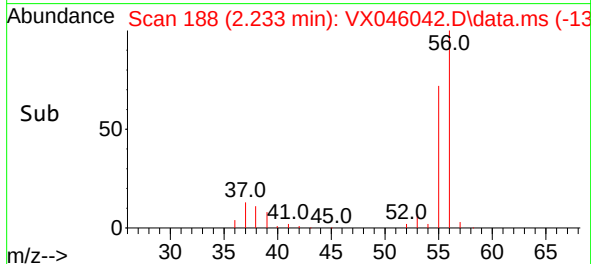
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 7392
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4

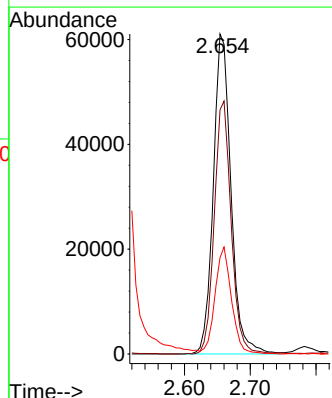
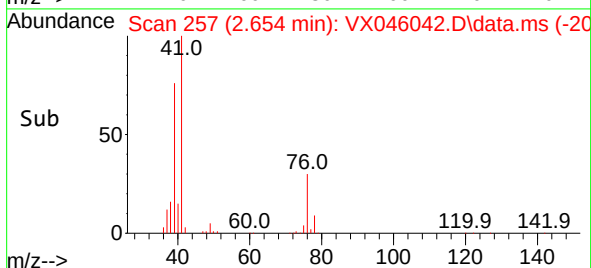
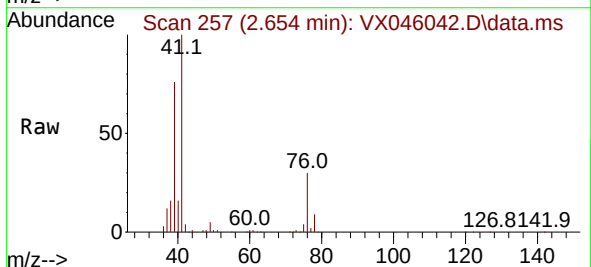
Manual Integrations
APPROVED

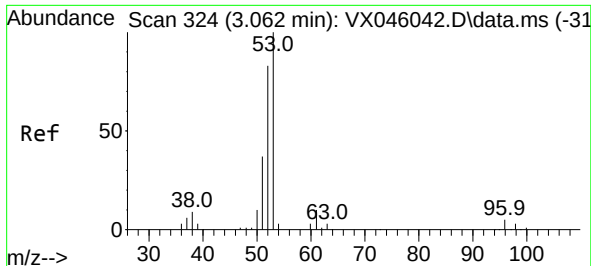
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#14
Allyl chloride
Concen: 36.971 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

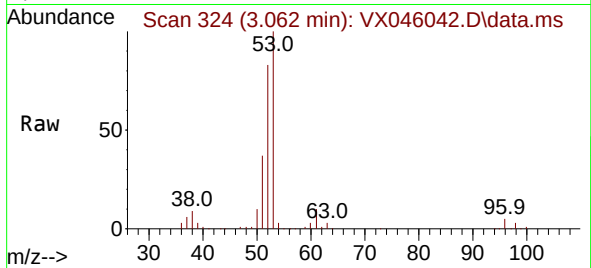
Tgt Ion: 41 Resp: 114445
Ion Ratio Lower Upper
41 100
39 75.7 60.6 90.8
76 31.1 24.9 37.3





#15
Acrylonitrile
Concen: 182.874 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

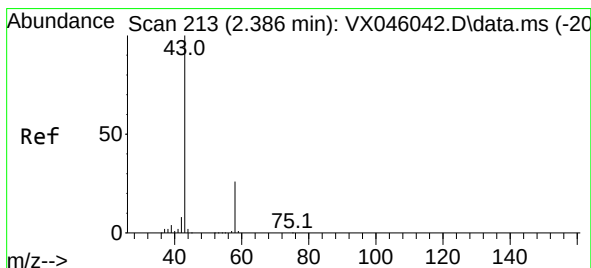
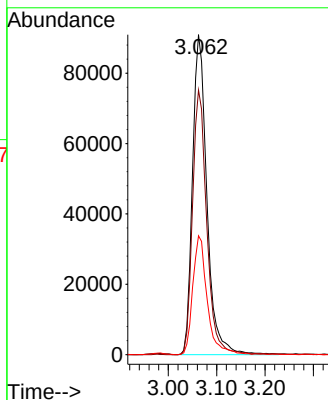
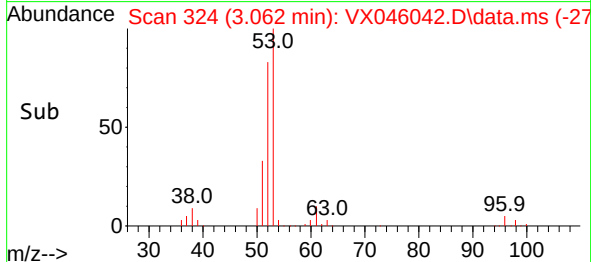
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 188304
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 37.3 29.8 44.8

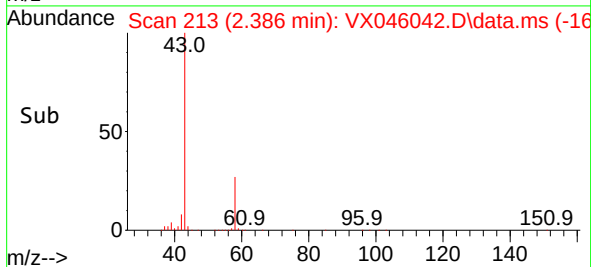
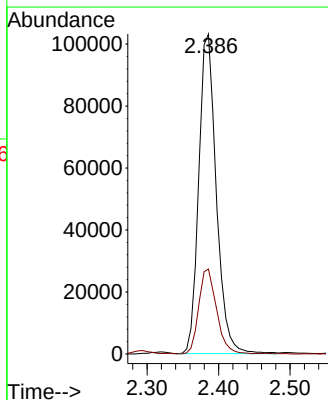
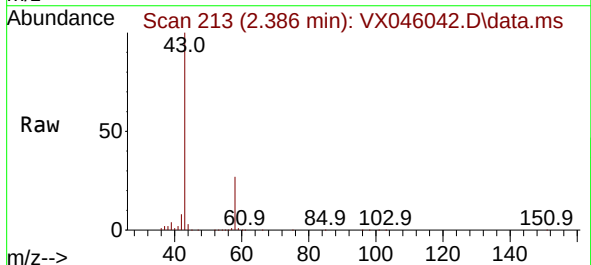
Manual Integrations
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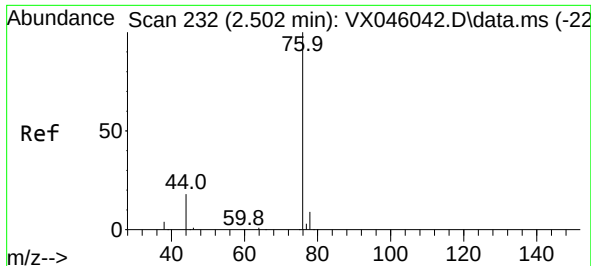
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#16
Acetone
Concen: 177.910 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 175777
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8





#17

Carbon Disulfide

Concen: 37.223 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 14128

Ion Ratio Lower Upper

76 100

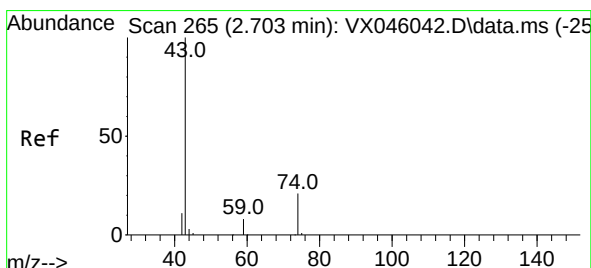
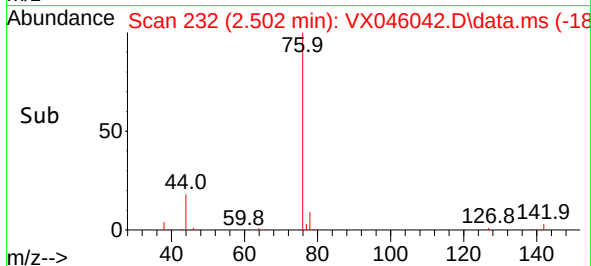
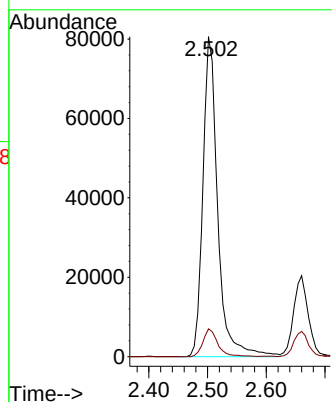
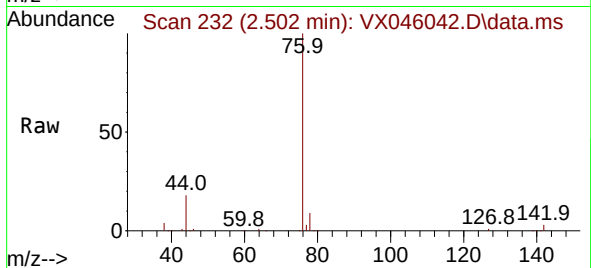
78 8.7 7.0 10.4

Manual Integrations

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Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#18

Methyl Acetate

Concen: 34.915 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX046042.D

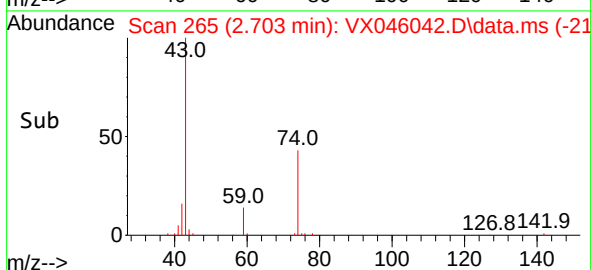
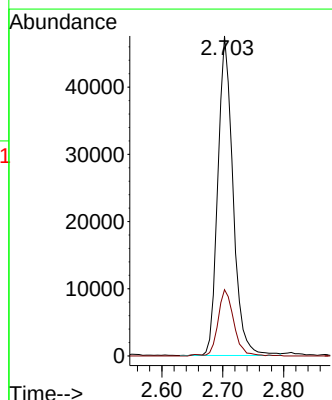
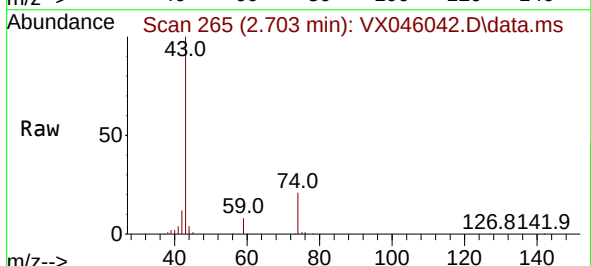
Acq: 05 May 2025 11:58

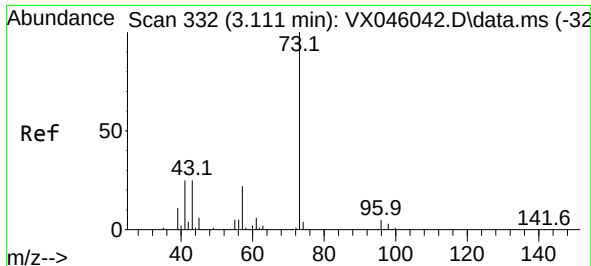
Tgt Ion: 43 Resp: 82347

Ion Ratio Lower Upper

43 100

74 20.9 16.7 25.1





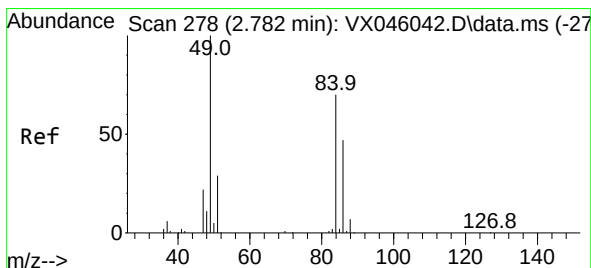
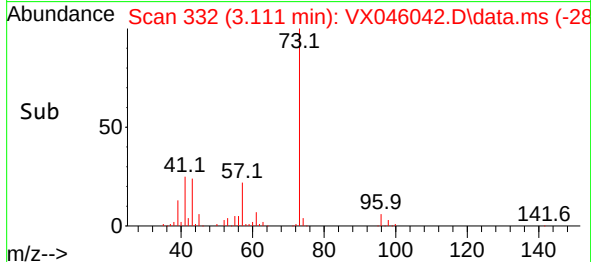
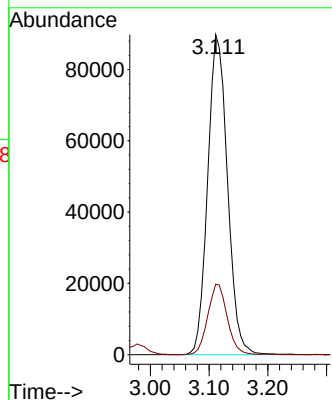
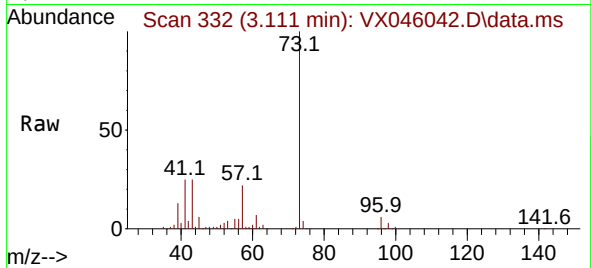
#19
Methyl tert-butyl Ether
Concen: 36.695 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 20966
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

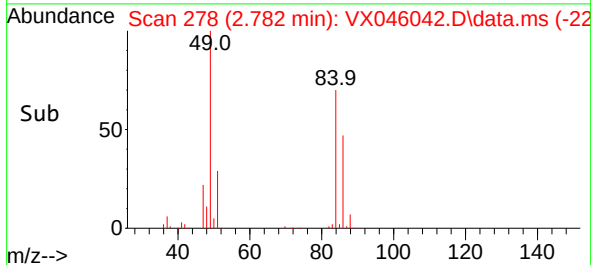
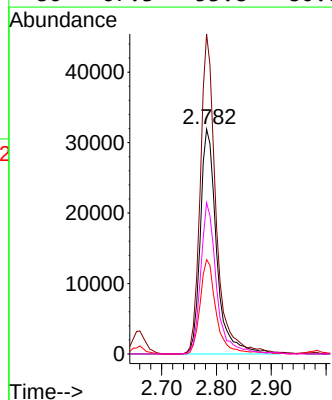
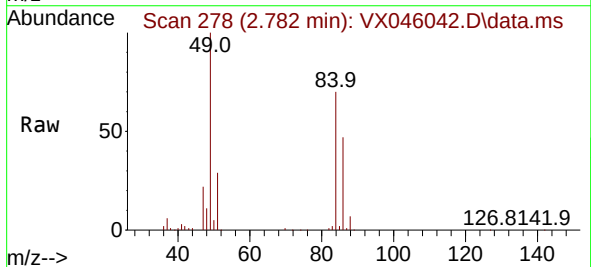
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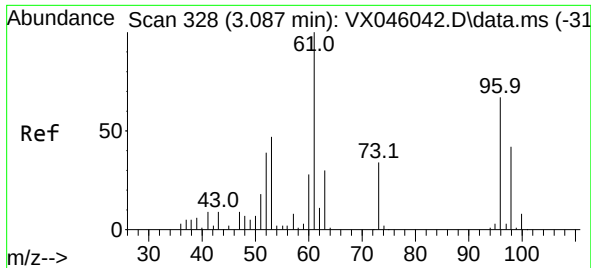
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#20
Methylene Chloride
Concen: 33.182 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

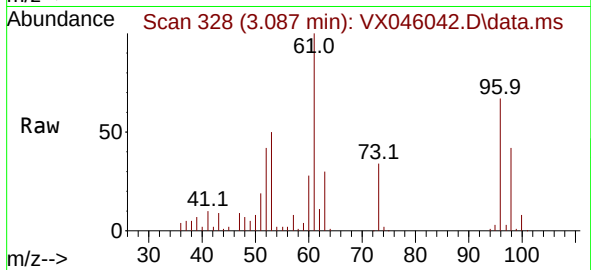
Tgt Ion: 84 Resp: 66412
Ion Ratio Lower Upper
84 100
49 142.4 113.9 170.9
51 41.9 33.5 50.3
86 67.3 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 35.421 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

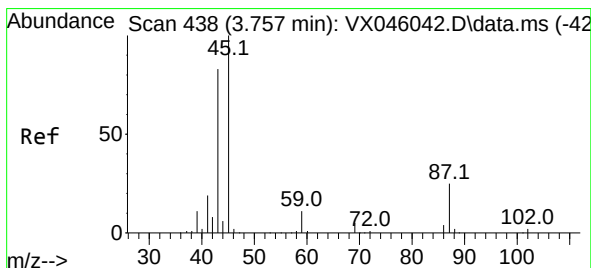
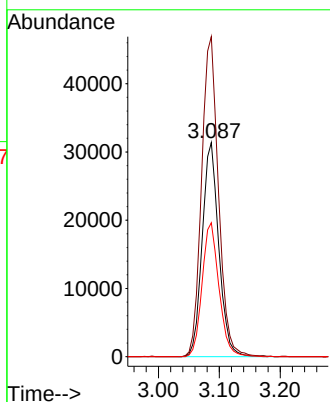
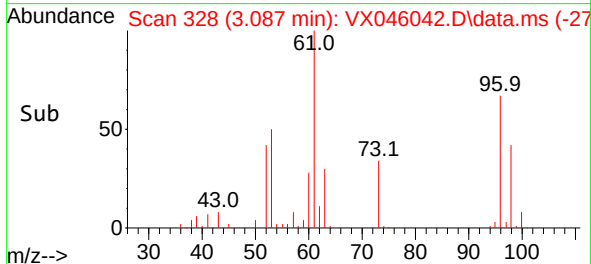
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 59234
Ion Ratio Lower Upper
96 100
61 149.4 119.5 179.3
98 62.5 50.0 75.0

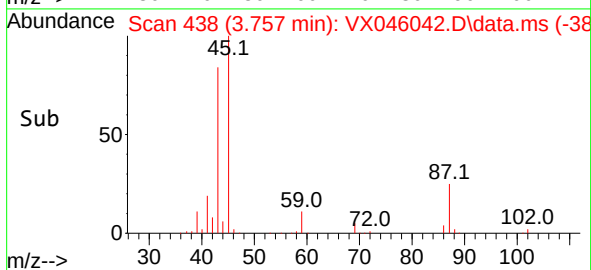
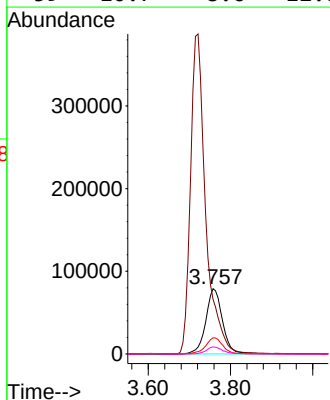
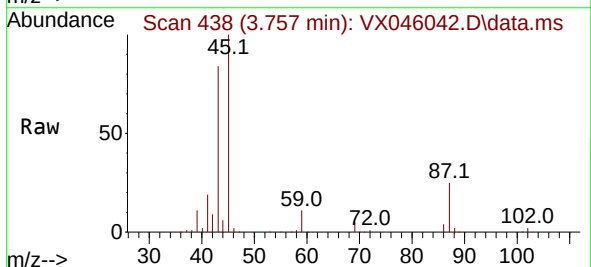
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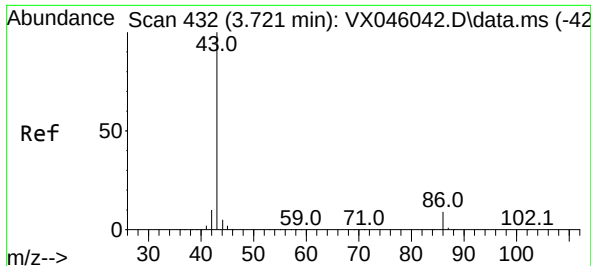
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#22
Diisopropyl ether
Concen: 38.241 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 45 Resp: 221172
Ion Ratio Lower Upper
45 100
43 83.3 66.6 100.0
87 24.7 19.8 29.6
59 10.7 8.6 12.8





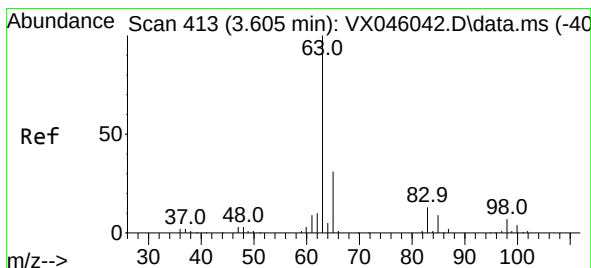
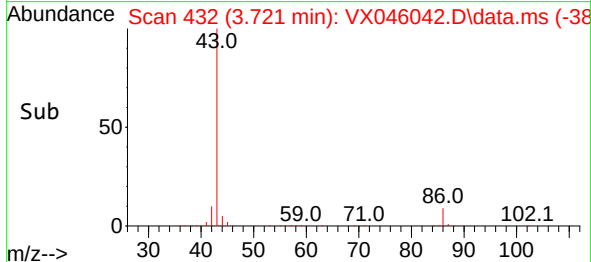
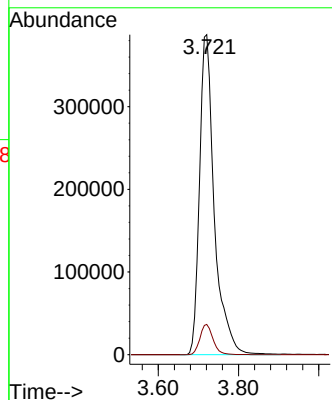
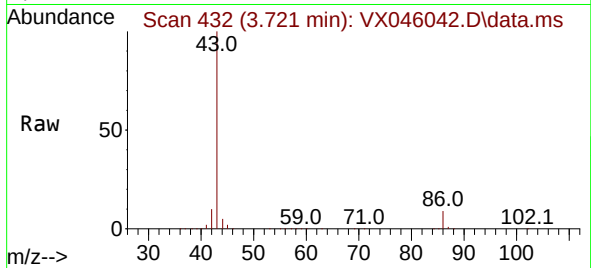
#23
 Vinyl Acetate
 Concen: 194.528 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046042.D
 Acq: 05 May 2025 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 994230
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

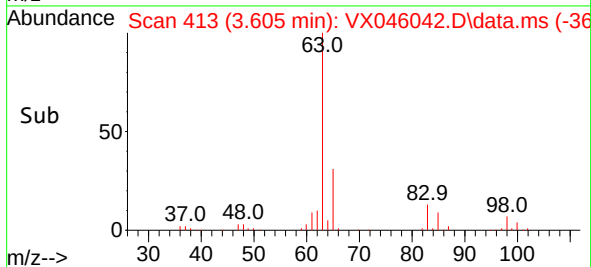
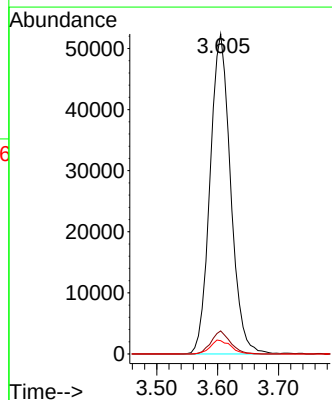
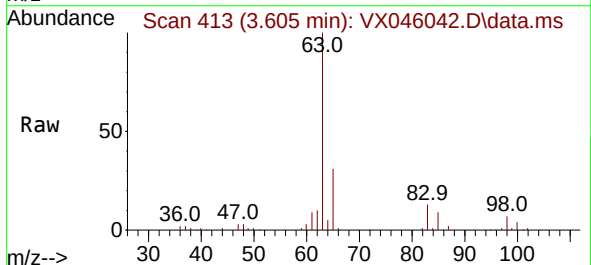
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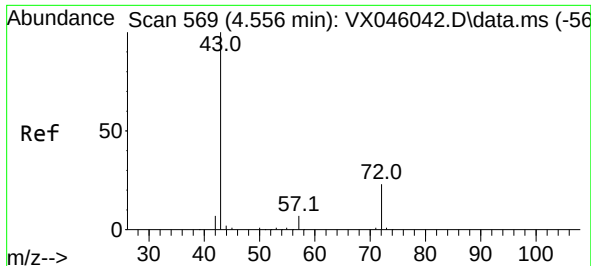
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#24
 1,1-Dichloroethane
 Concen: 36.067 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046042.D
 Acq: 05 May 2025 11:58

Tgt Ion: 63 Resp: 122601
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.2 2.1 6.3





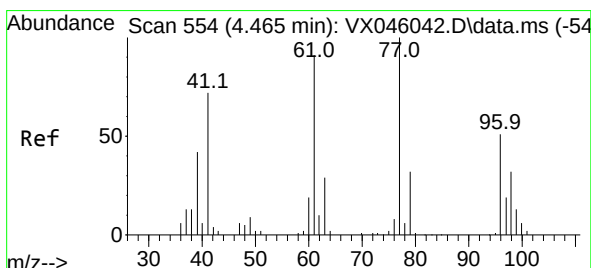
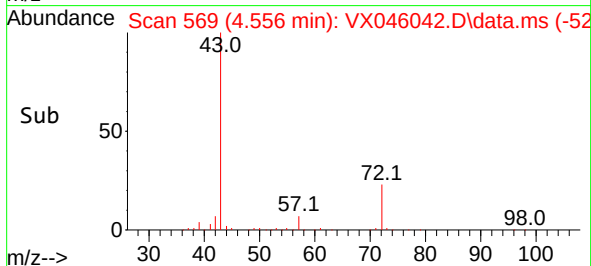
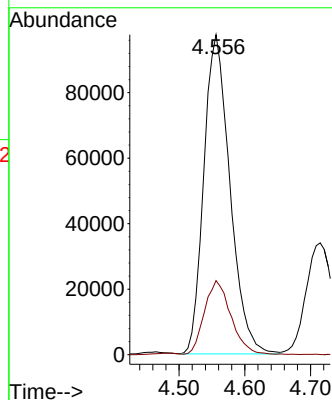
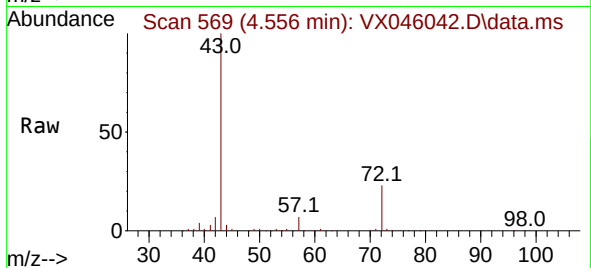
#25
2-Butanone
Concen: 188.783 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 269224
Ion Ratio Lower Upper
43 100
72 23.0 18.4 27.6

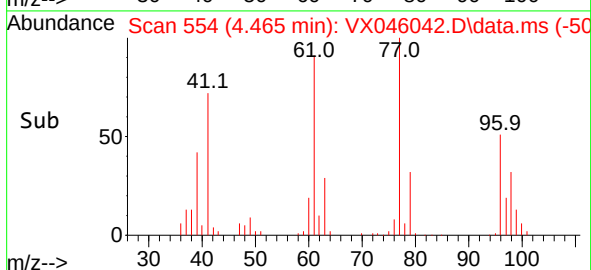
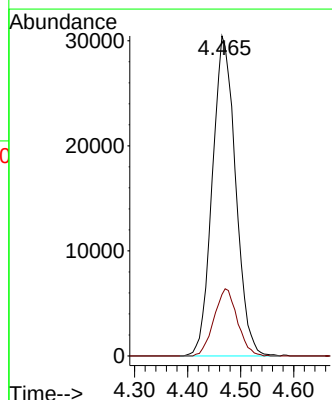
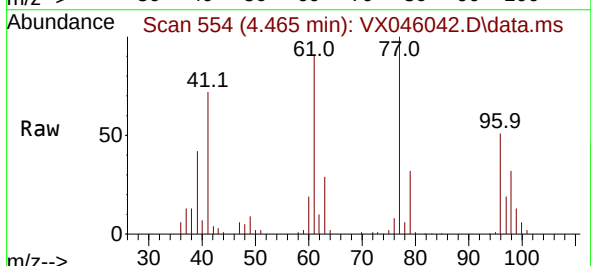
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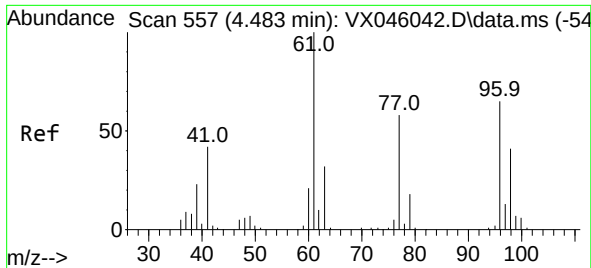
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#26
2,2-Dichloropropane
Concen: 36.059 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 77 Resp: 92857
Ion Ratio Lower Upper
77 100
97 21.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 35.466 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 71518

Ion Ratio Lower Upper

96 100

61 161.4 0.0 322.8

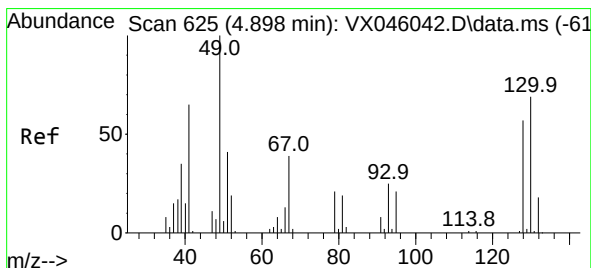
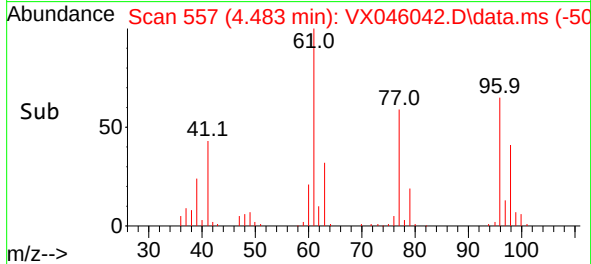
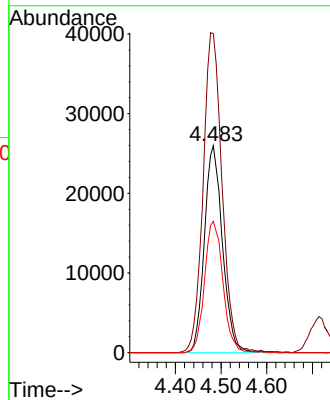
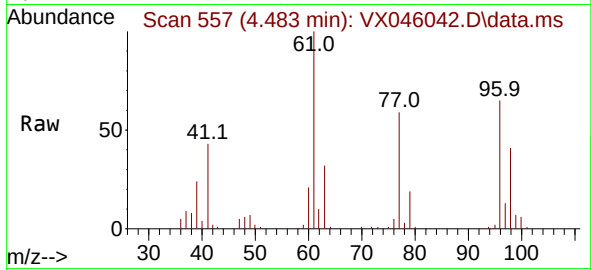
98 64.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#28

Bromochloromethane

Concen: 31.031 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

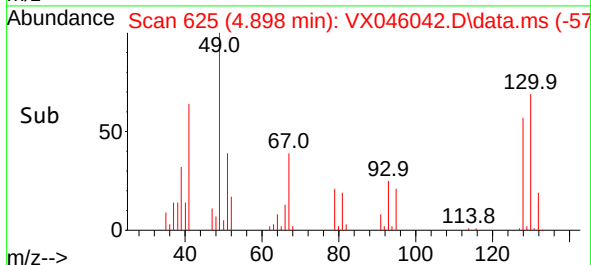
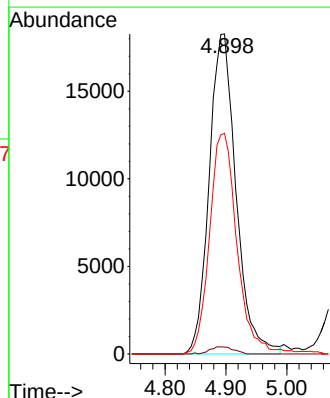
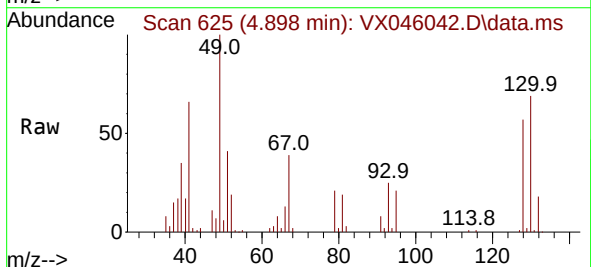
Tgt Ion: 49 Resp: 56091

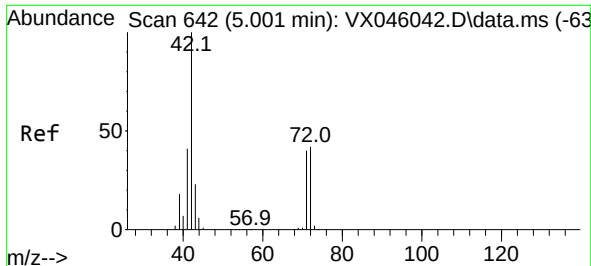
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 70.2 56.2 84.2





#29

Tetrahydrofuran

Concen: 183.679 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

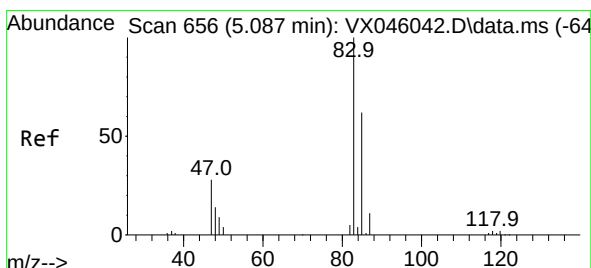
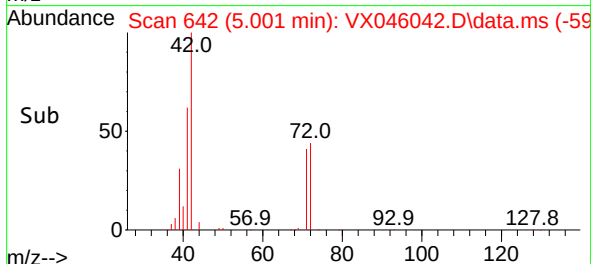
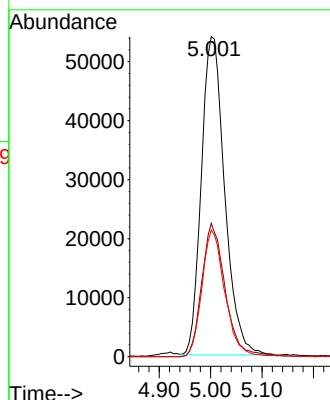
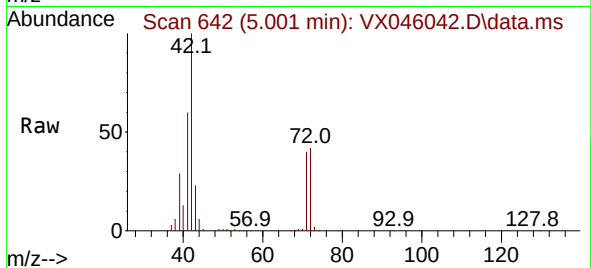
Tgt Ion:	42	Resp:	170124
Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.7	50.5
71	39.3	31.4	47.2

Manual Integrations

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Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#30

Chloroform

Concen: 35.626 ug/l

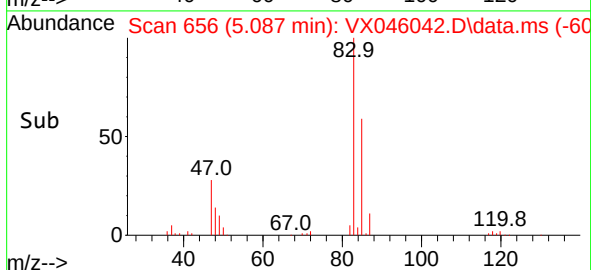
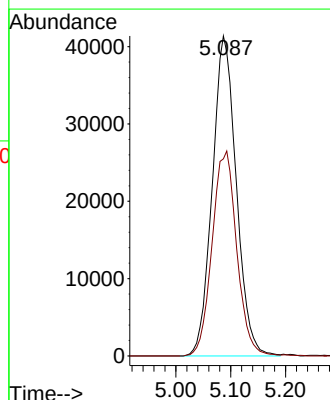
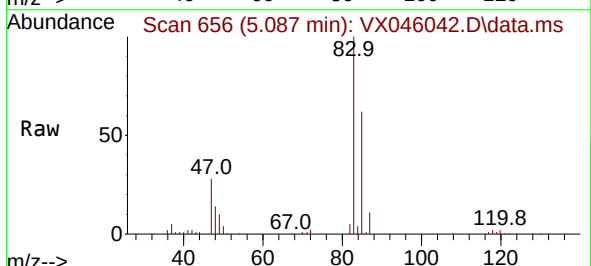
RT: 5.087 min Scan# 656

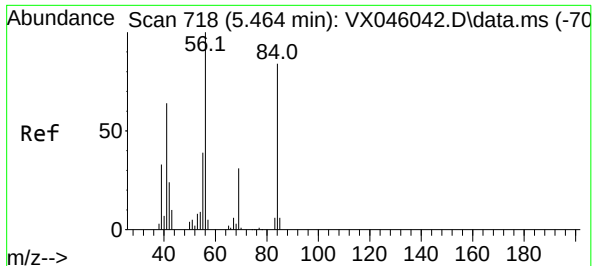
Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

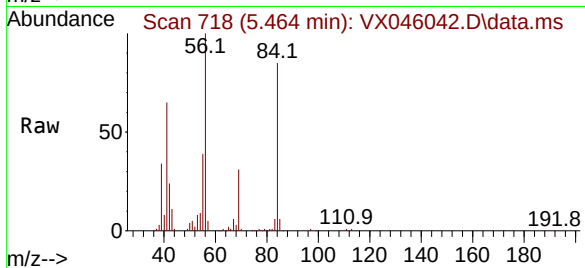
Tgt Ion:	83	Resp:	125850
Ion	Ratio	Lower	Upper
83	100		
85	61.6	49.3	73.9





#31
Cyclohexane
Concen: 38.205 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

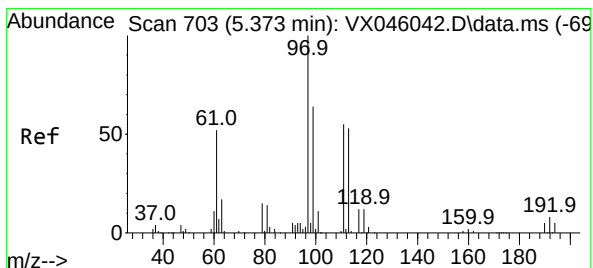
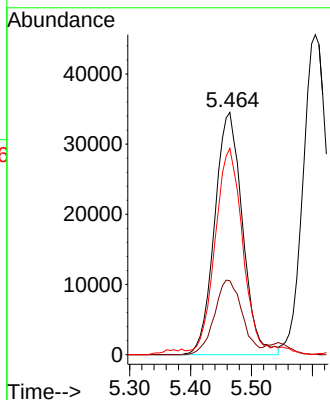
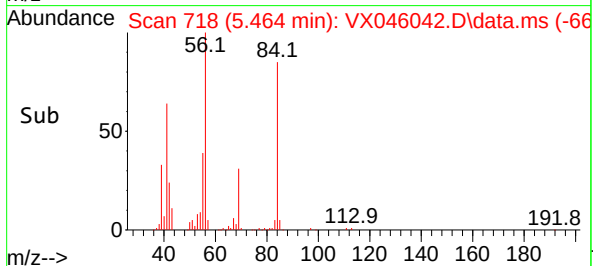
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



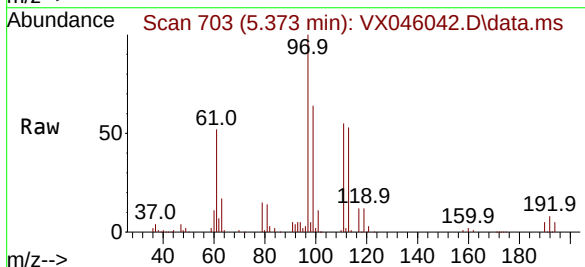
Tgt Ion: 56 Resp: 109459
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 83.6 66.9 100.3

Manual Integrations
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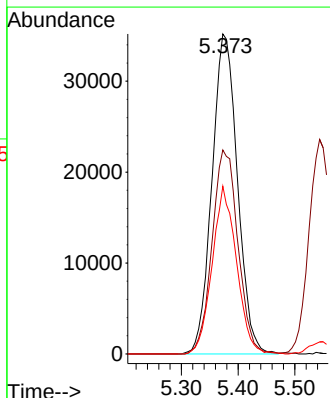
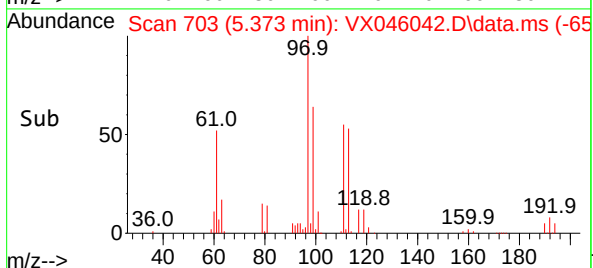
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

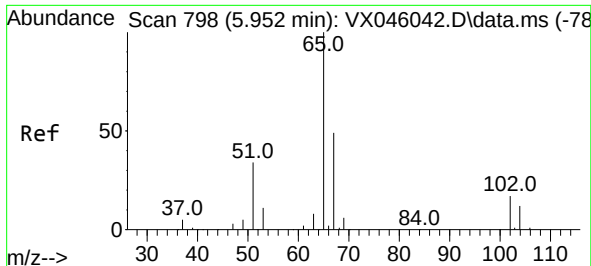


#32
1,1,1-Trichloroethane
Concen: 36.034 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58



Tgt Ion: 97 Resp: 109781
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 50.1 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 30.601 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 8837

Ion Ratio Lower Upper

65 100

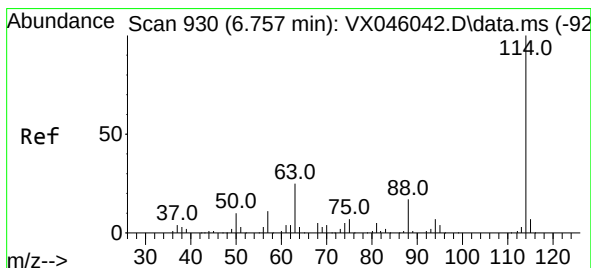
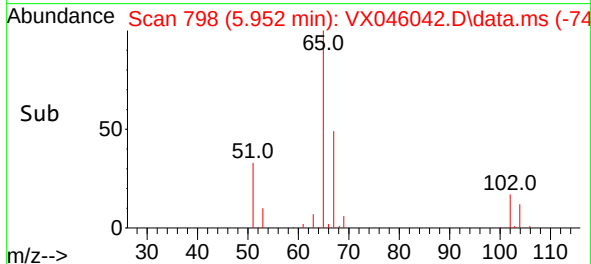
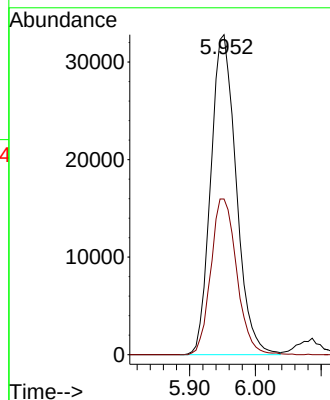
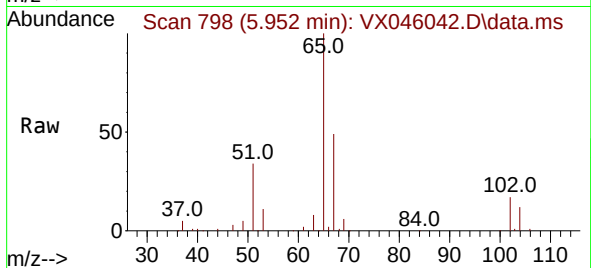
67 49.5 0.0 99.0

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: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

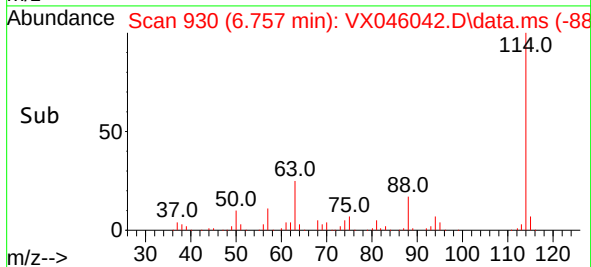
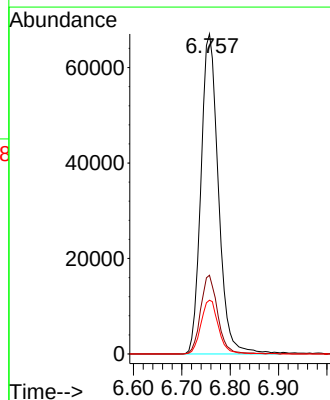
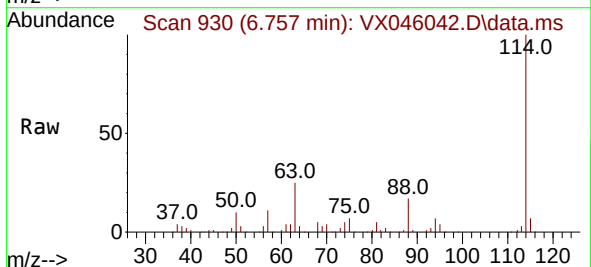
Tgt Ion:114 Resp: 167947

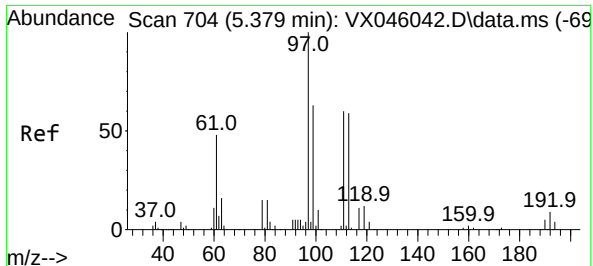
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 31.633 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

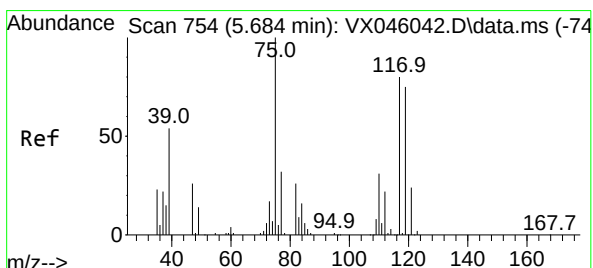
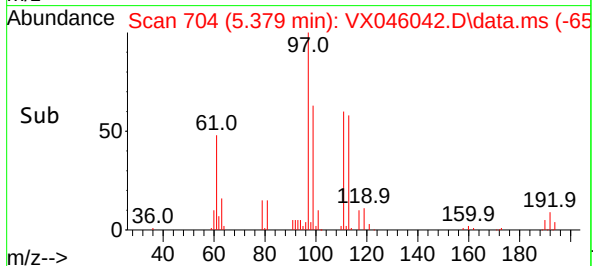
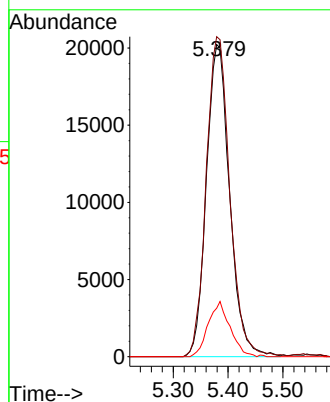
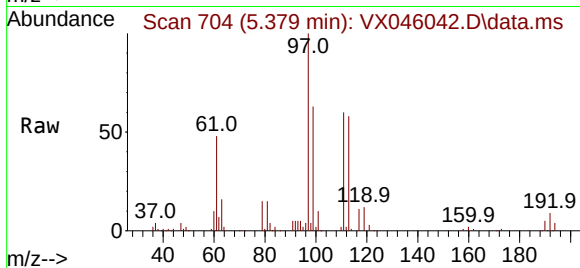
Tgt Ion:	113	Resp:	59550
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	16.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#36

1,1-Dichloropropene

Concen: 38.073 ug/l

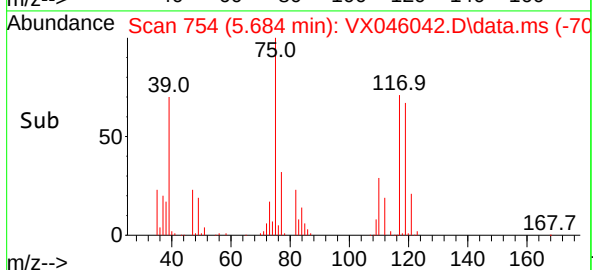
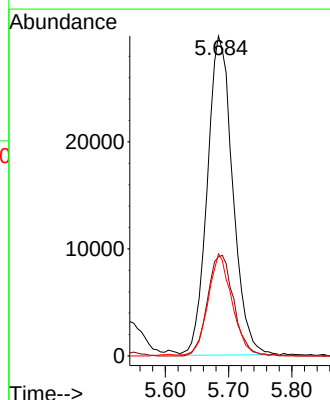
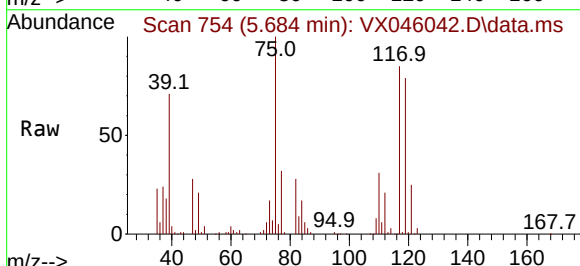
RT: 5.684 min Scan# 754

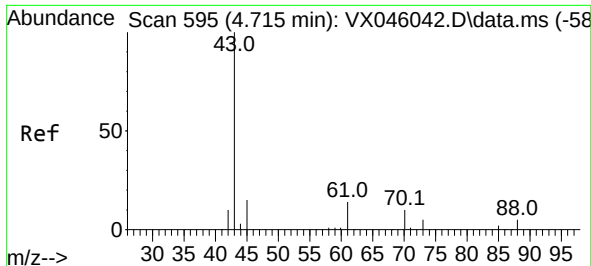
Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

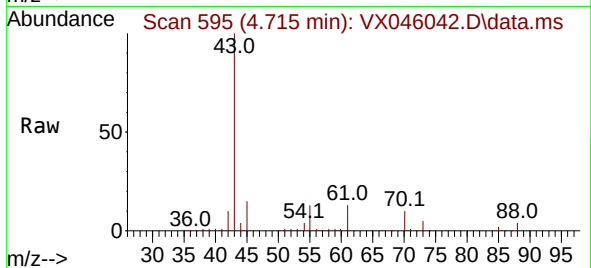
Tgt Ion:	75	Resp:	83215
Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.3	48.9
77	30.4	24.3	36.5





#37
Ethyl Acetate
Concen: 37.394 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

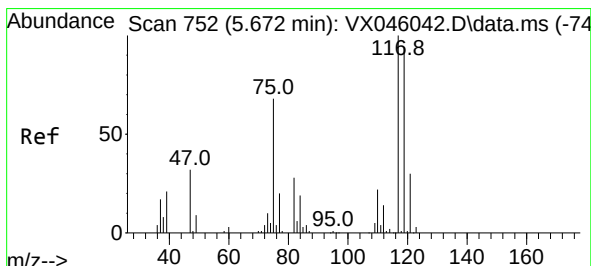
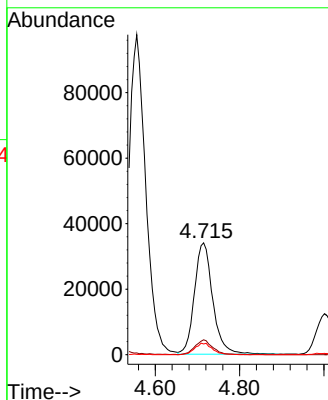
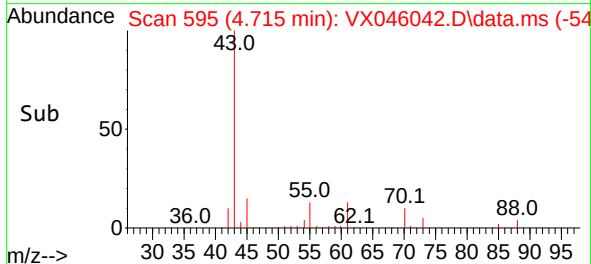
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 10253
Ion Ratio Lower Upper
43 100
61 12.9 10.3 15.5
70 9.9 7.9 11.9

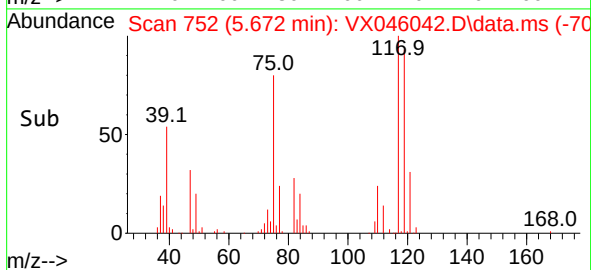
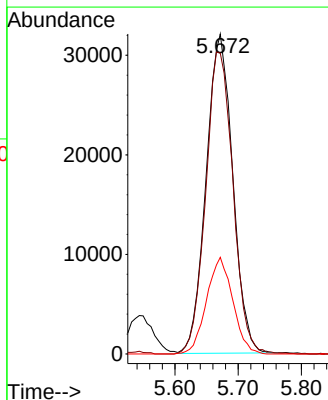
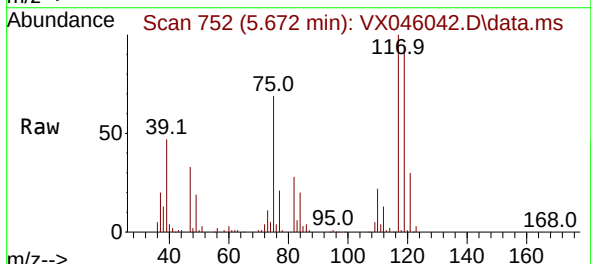
Manual Integrations
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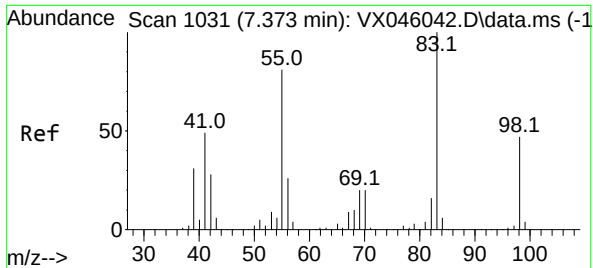
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#38
Carbon Tetrachloride
Concen: 37.320 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:117 Resp: 93712
Ion Ratio Lower Upper
117 100
119 94.0 75.2 112.8
121 30.3 24.2 36.4





#39

Methylcyclohexane

Concen: 39.307 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 10765

Ion Ratio Lower Upper

83 100

55 80.9 64.7 97.1

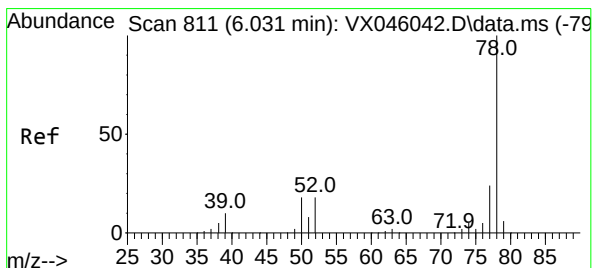
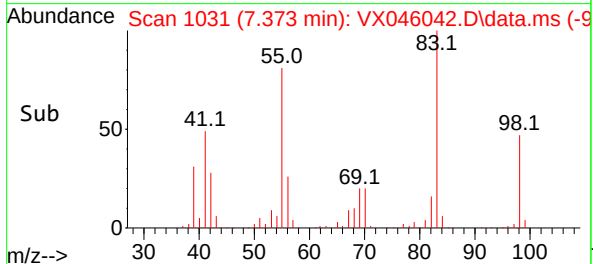
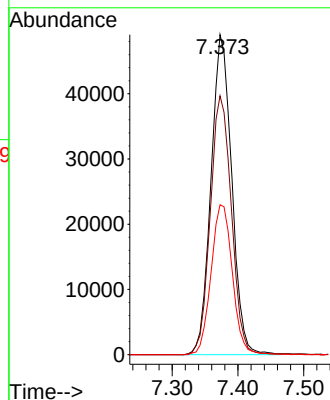
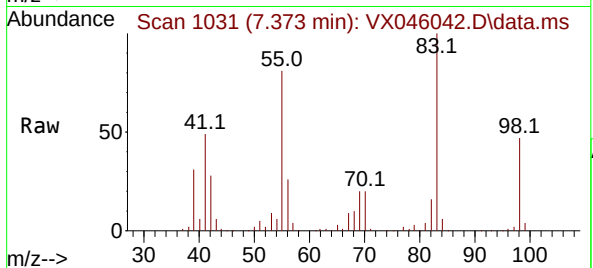
98 46.8 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#40

Benzene

Concen: 36.530 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX046042.D

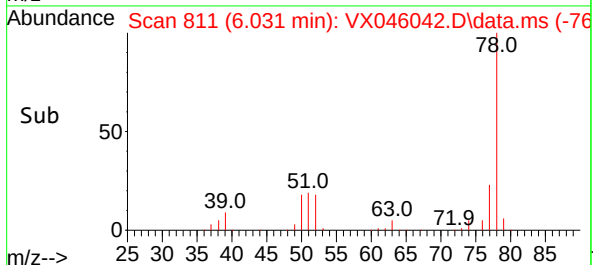
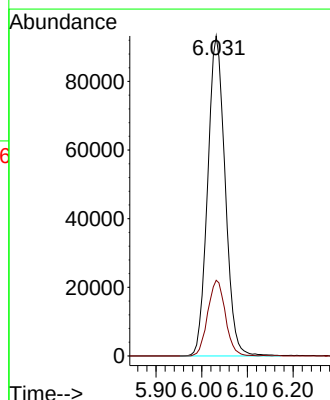
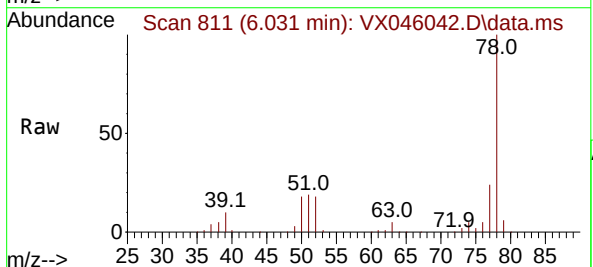
Acq: 05 May 2025 11:58

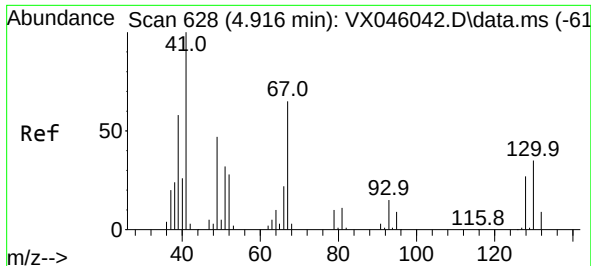
Tgt Ion: 78 Resp: 247476

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





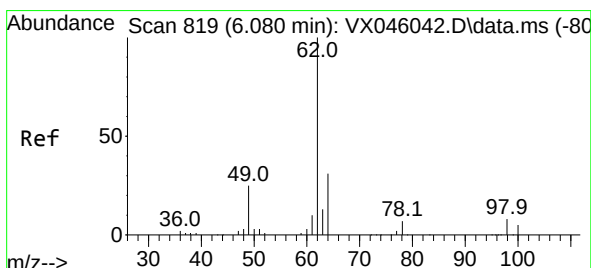
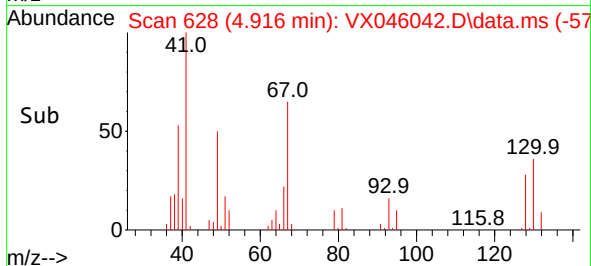
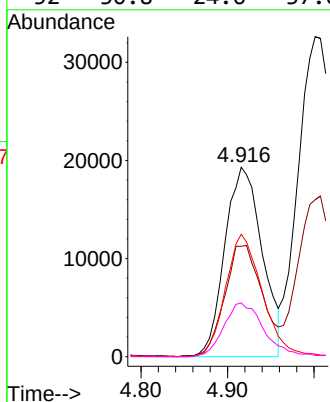
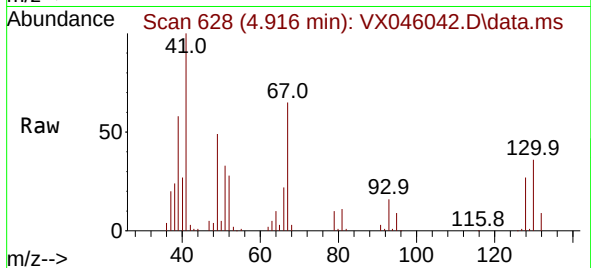
#41
Methacrylonitrile
Concen: 38.123 ug/l
RT: 4.916 min Scan# 612
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 5808
Ion Ratio Lower Upper
41 100
39 59.0 47.2 70.8
67 63.4 50.7 76.1
52 30.8 24.6 37.0

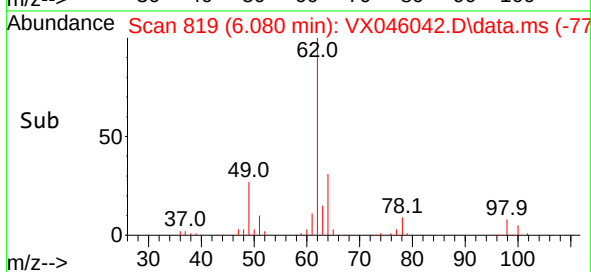
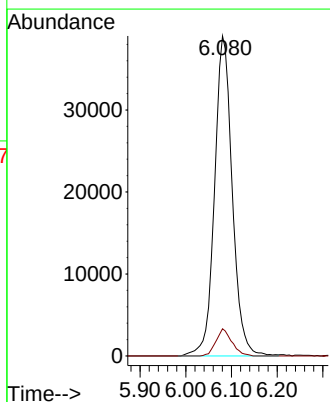
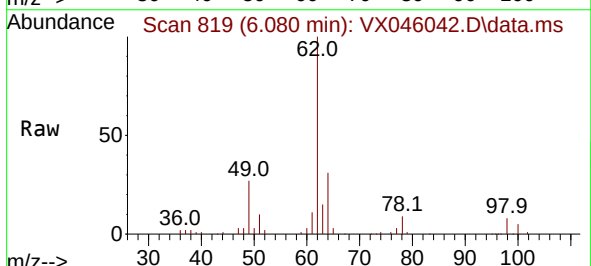
Manual Integrations
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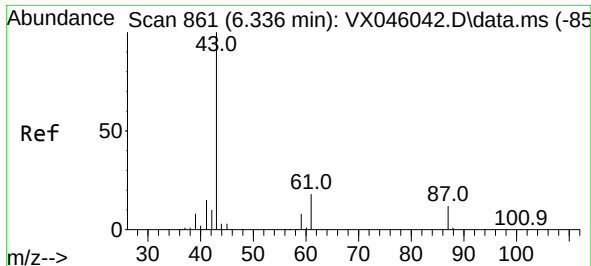
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#42
1,2-Dichloroethane
Concen: 37.605 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

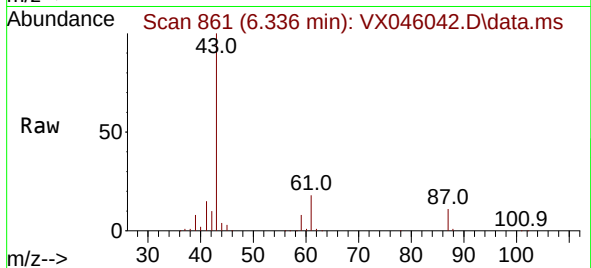
Tgt Ion: 62 Resp: 105332
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43
Isopropyl Acetate
Concen: 38.598 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

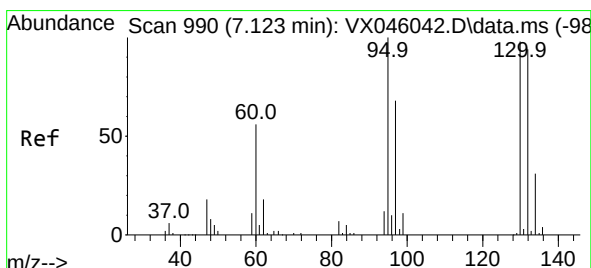
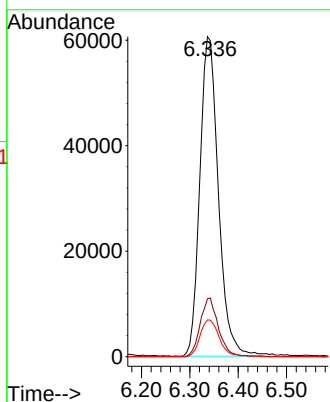
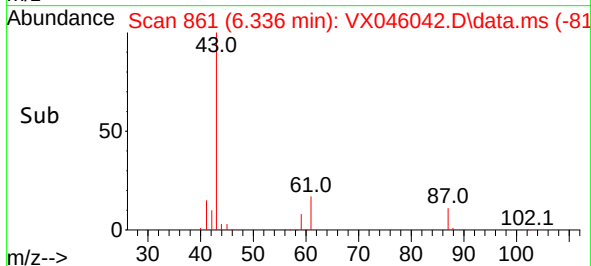
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



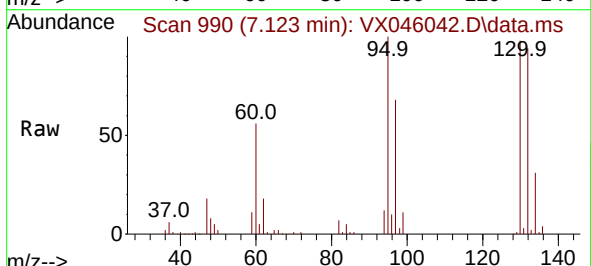
Tgt Ion: 43 Resp: 16178
Ion Ratio Lower Upper
43 100
61 17.9 14.3 21.5
87 11.9 9.5 14.3

Manual Integrations
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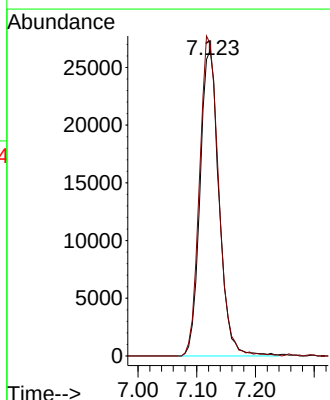
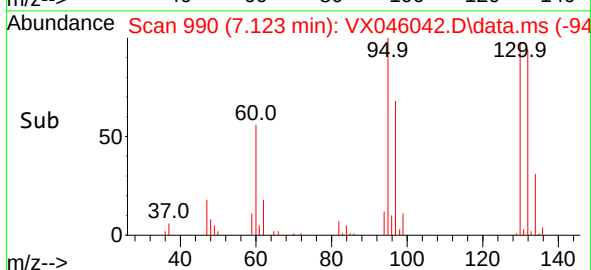
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

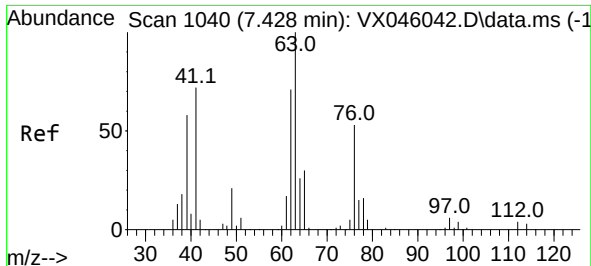


#44
Trichloroethene
Concen: 37.230 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58



Tgt Ion:130 Resp: 59623
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.2





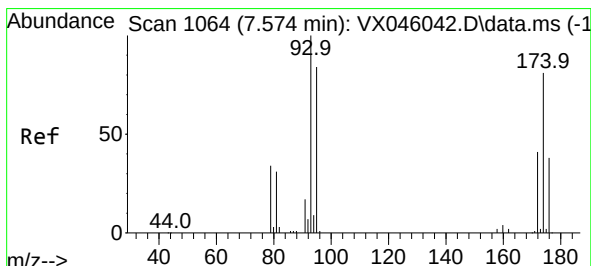
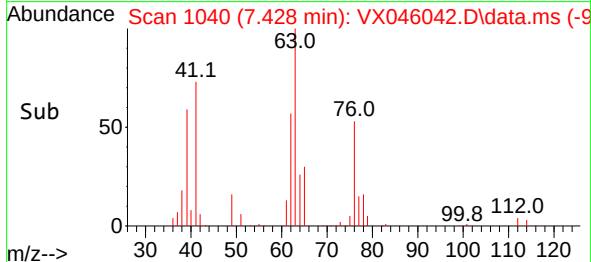
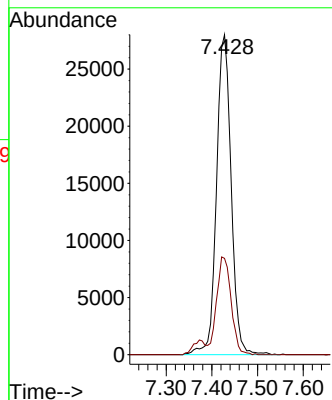
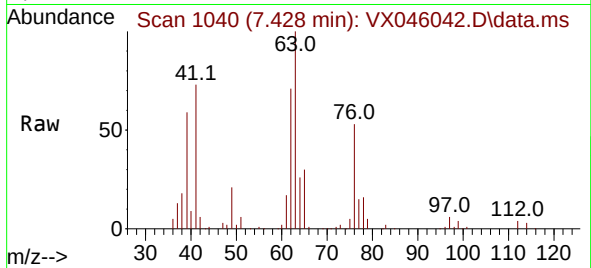
#45
1,2-Dichloropropane
Concen: 37.064 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 6238
Ion Ratio Lower Upper
63 100
65 30.1 24.1 36.1

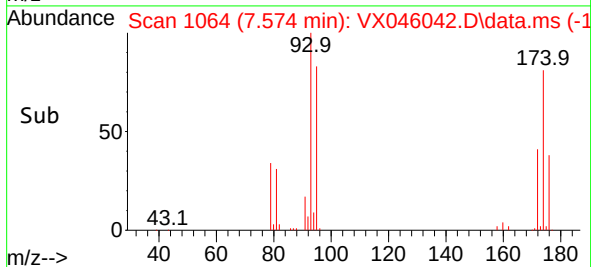
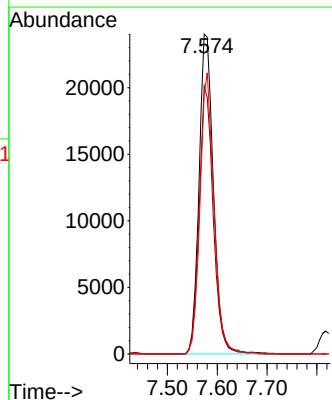
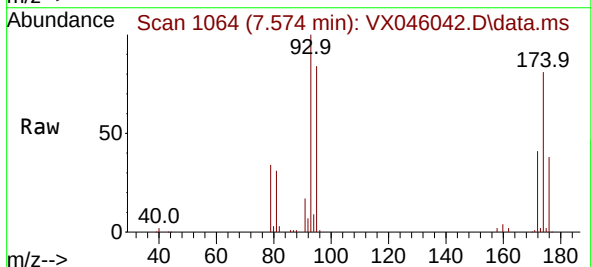
Manual Integrations
APPROVED

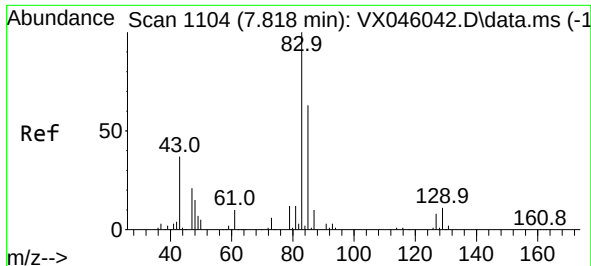
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#46
Dibromomethane
Concen: 36.326 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 93 Resp: 48201
Ion Ratio Lower Upper
93 100
95 82.0 65.6 98.4
174 85.2 68.2 102.2





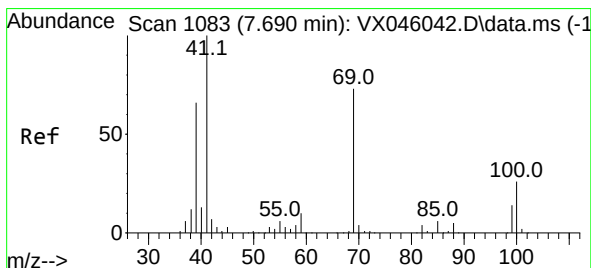
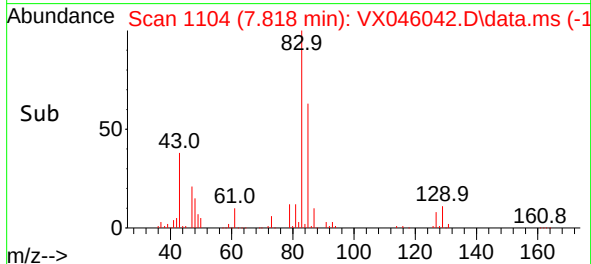
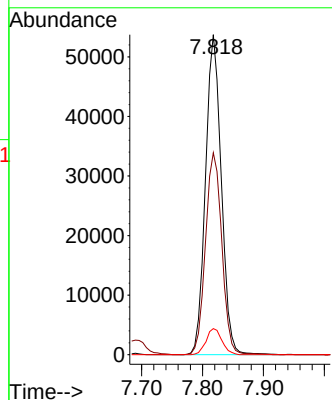
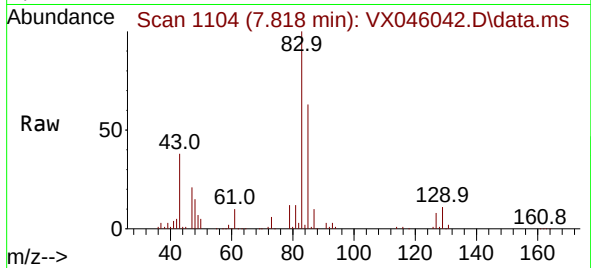
#47
Bromodichloromethane
Concen: 37.685 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 96910
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 8.1 6.5 9.7

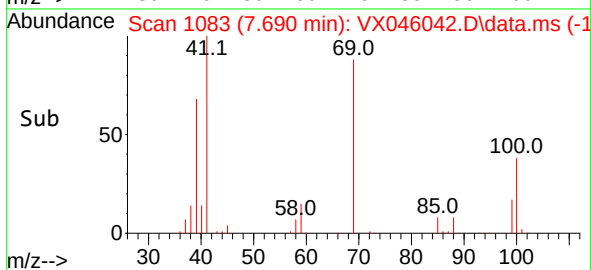
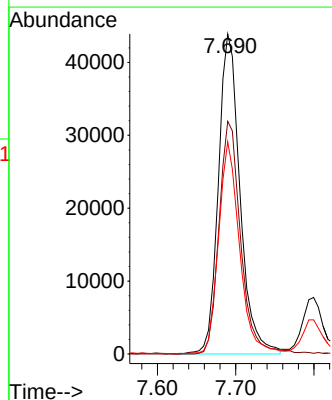
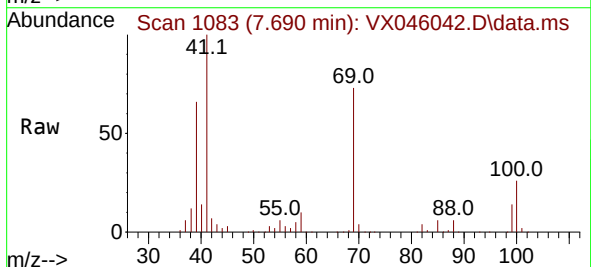
Manual Integrations
APPROVED

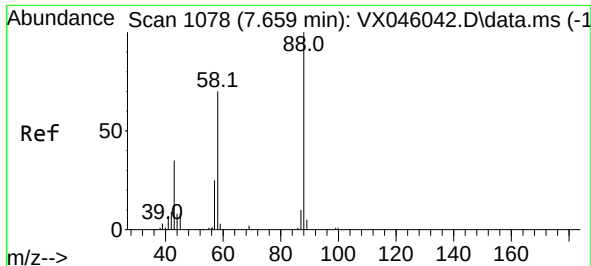
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#48
Methyl methacrylate
Concen: 39.157 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 41 Resp: 84277
Ion Ratio Lower Upper
41 100
69 73.1 58.5 87.7
39 64.6 51.7 77.5





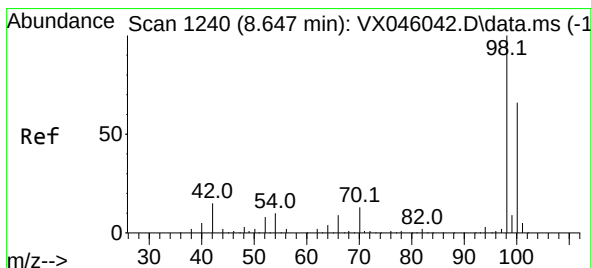
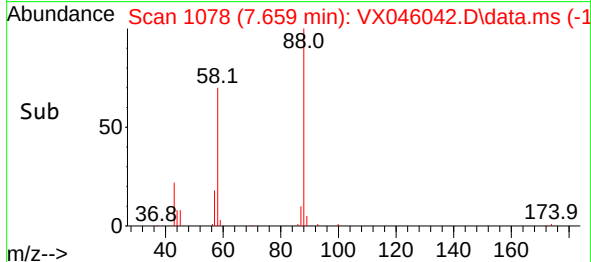
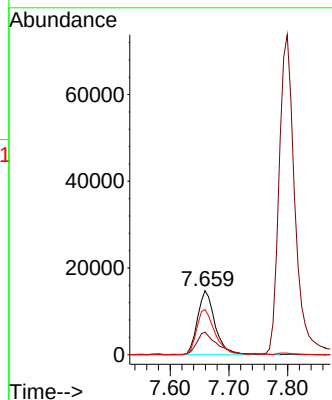
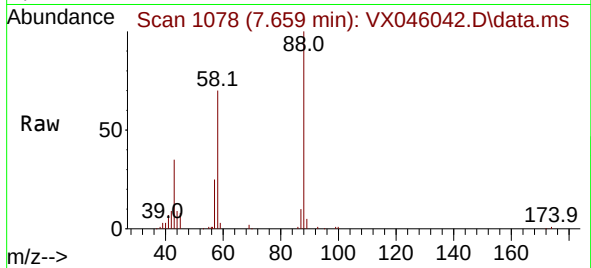
#49
1,4-Dioxane
Concen: 713.477 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 30529
Ion Ratio Lower Upper
88 100
43 41.8 33.4 50.2
58 73.3 58.6 88.0

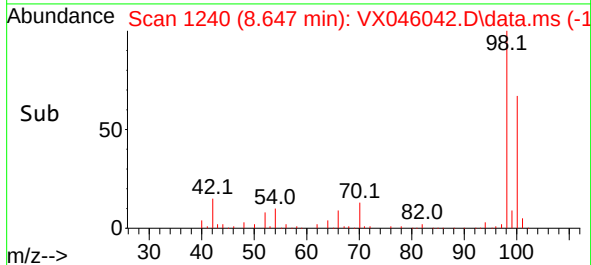
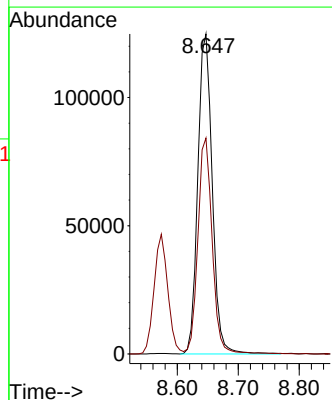
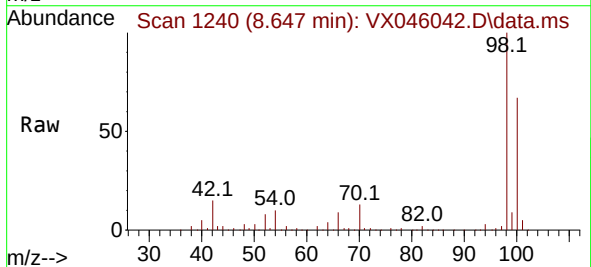
Manual Integrations
APPROVED

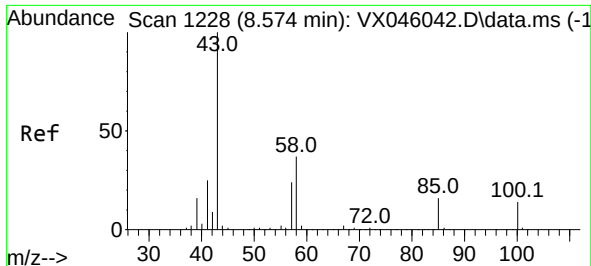
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#50
Toluene-d8
Concen: 32.395 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 98 Resp: 205479
Ion Ratio Lower Upper
98 100
100 66.9 53.5 80.3





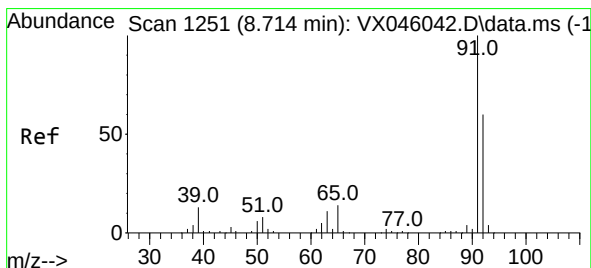
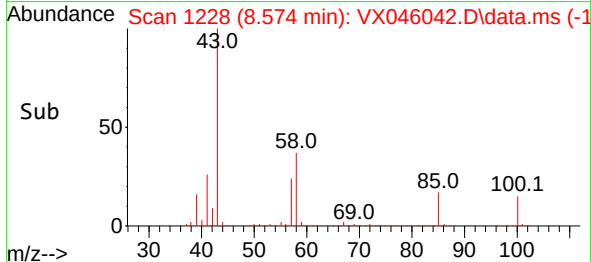
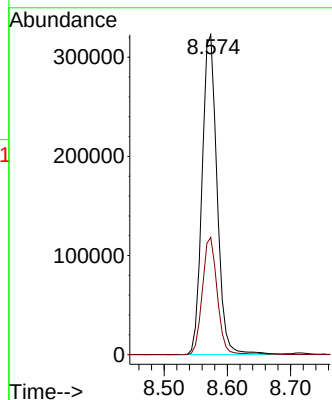
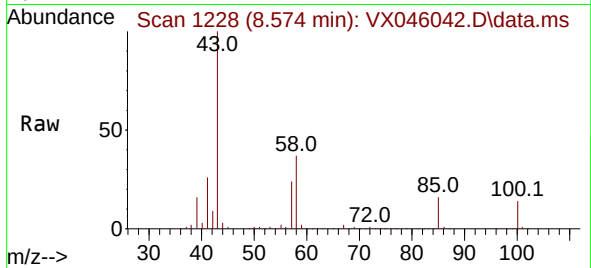
#51
4-Methyl-2-Pentanone
Concen: 193.653 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 53238
Ion Ratio Lower Upper
43 100
58 36.1 28.9 43.3

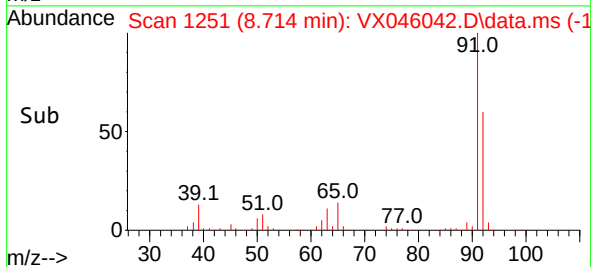
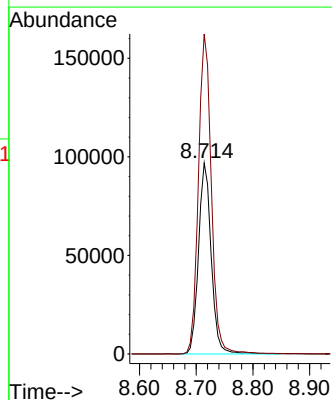
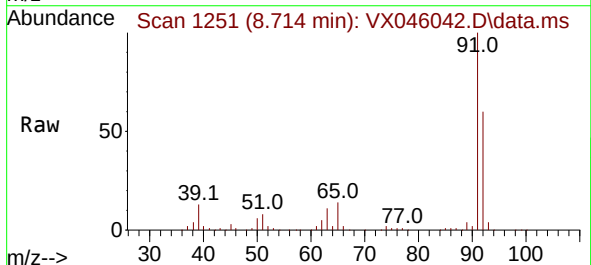
Manual Integrations
APPROVED

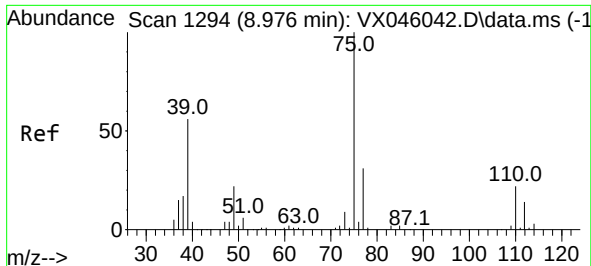
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#52
Toluene
Concen: 37.530 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 92 Resp: 150757
Ion Ratio Lower Upper
92 100
91 170.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 41.056 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 8865

Ion Ratio Lower Upper

75 100

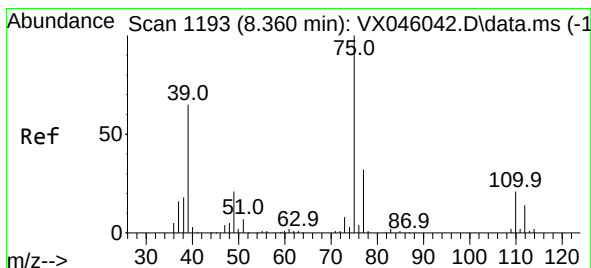
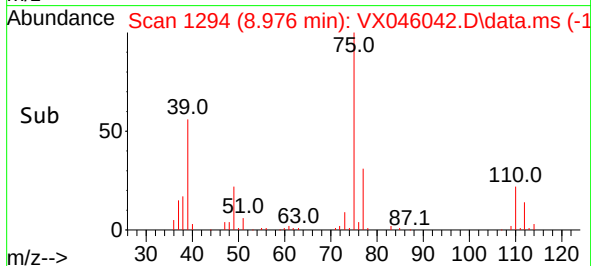
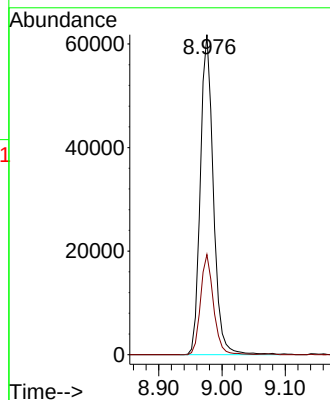
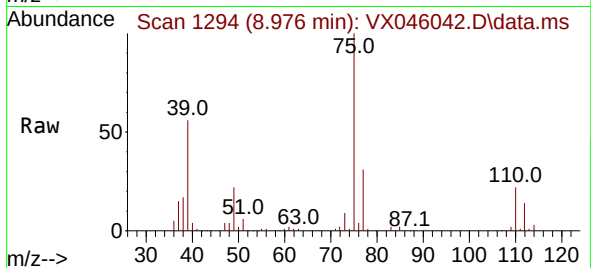
77 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#54

cis-1,3-Dichloropropene

Concen: 38.521 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

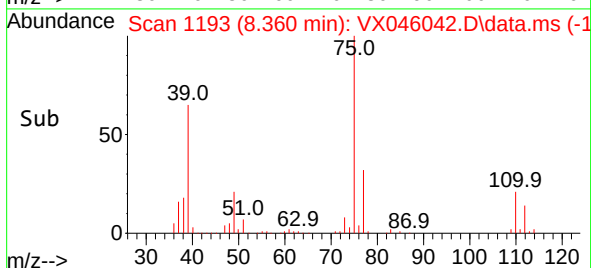
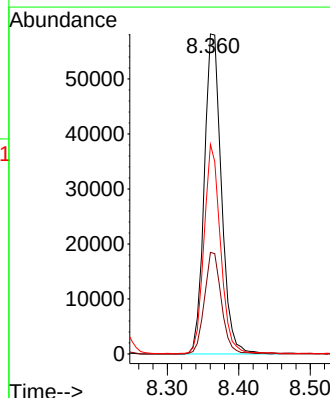
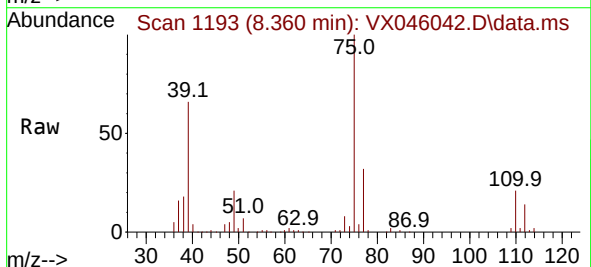
Tgt Ion: 75 Resp: 97031

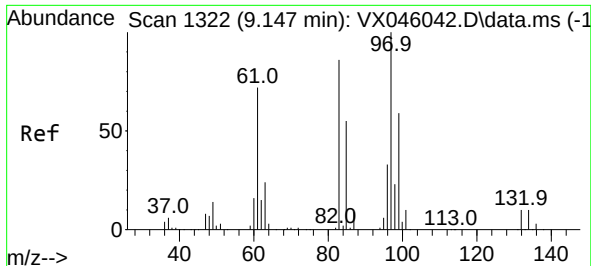
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 65.3 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 36.648 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

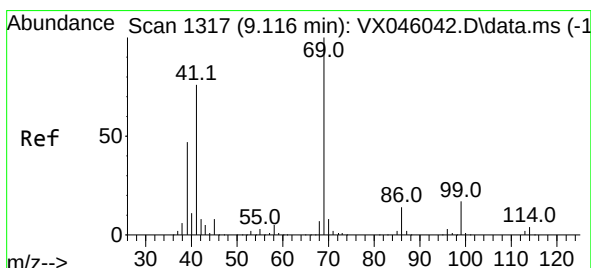
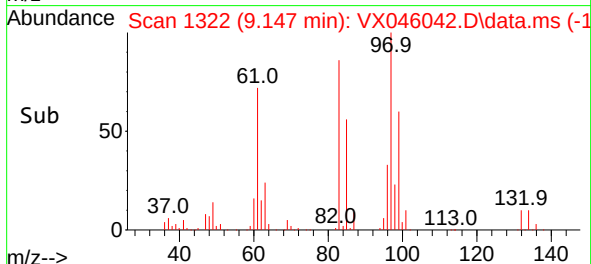
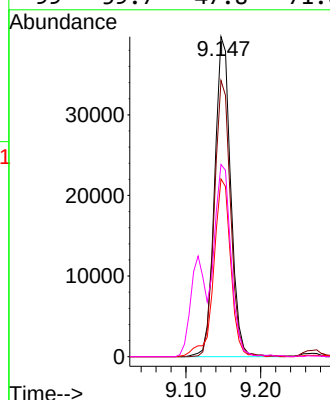
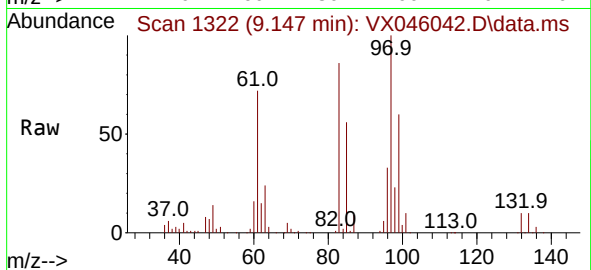
Tgt Ion:	97	Resp:	5949
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.6
85	55.4	44.3	66.5
99	59.7	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#56

Ethyl methacrylate

Concen: 39.726 ug/l

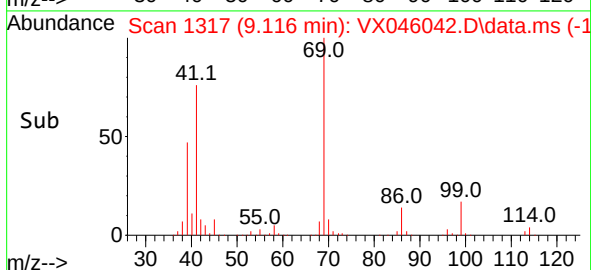
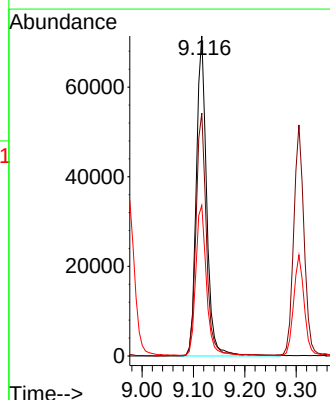
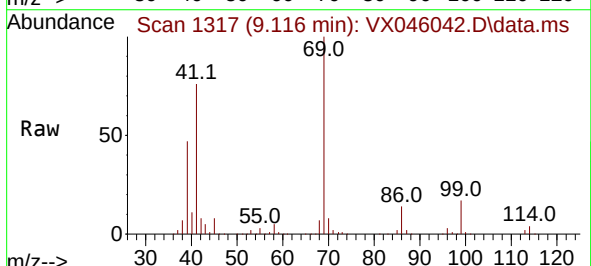
RT: 9.116 min Scan# 1317

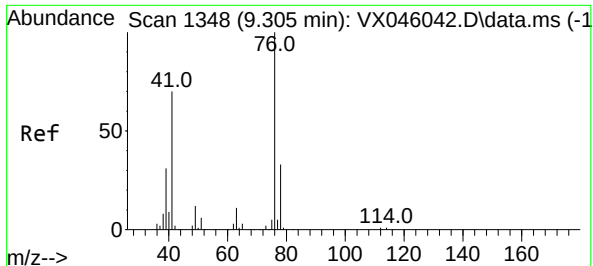
Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Tgt Ion:	69	Resp:	99947
Ion	Ratio	Lower	Upper
69	100		
41	76.0	60.8	91.2
39	48.8	39.0	58.6





#57

1,3-Dichloropropane

Concen: 36.347 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 104600

Ion Ratio Lower Upper

76 100

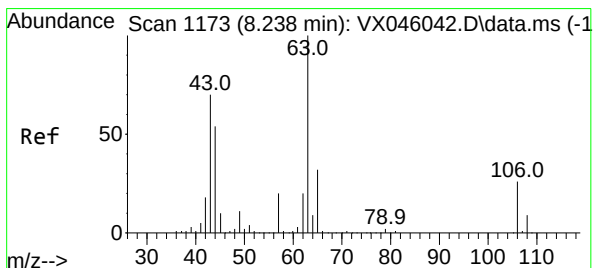
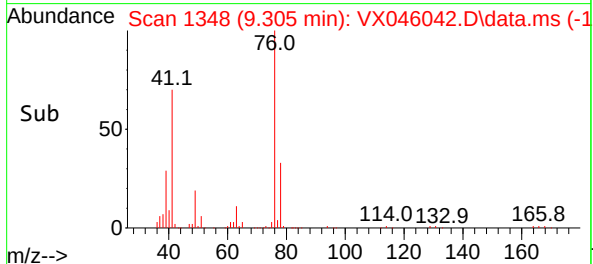
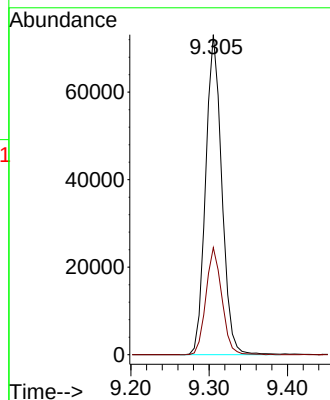
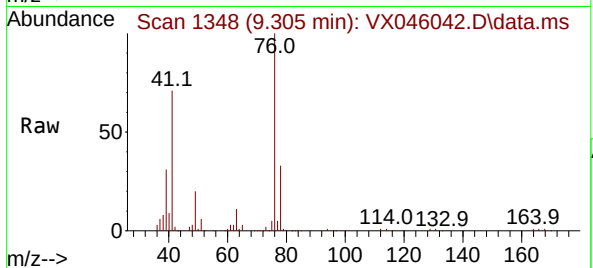
78 32.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 227.902 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046042.D

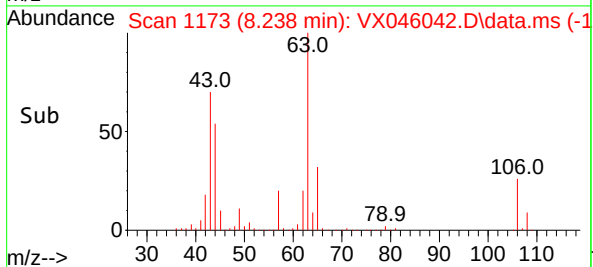
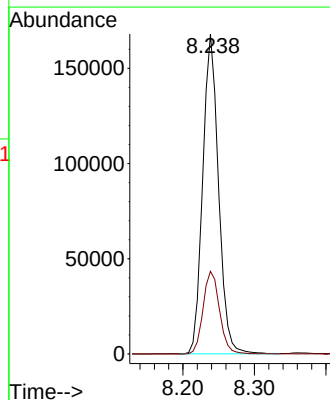
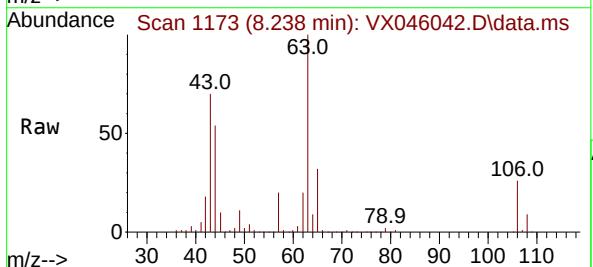
Acq: 05 May 2025 11:58

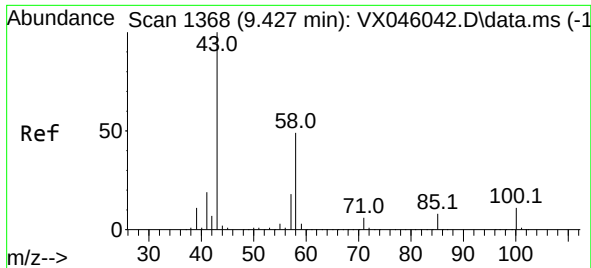
Tgt Ion: 63 Resp: 257678

Ion Ratio Lower Upper

63 100

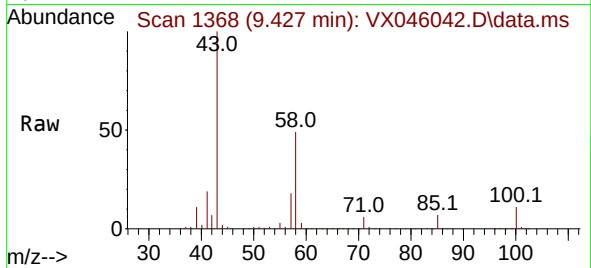
106 26.9 21.5 32.3





#59
2-Hexanone
Concen: 190.168 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

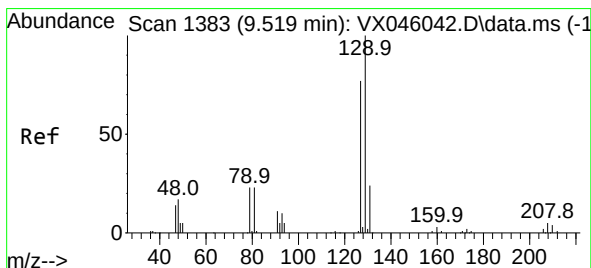
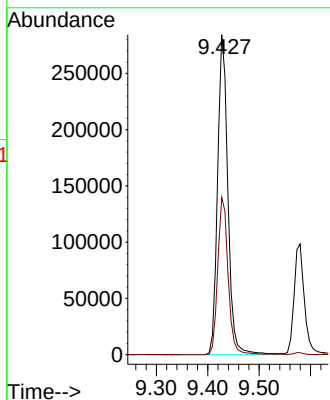
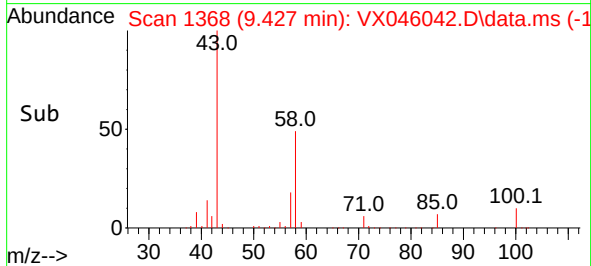
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 396784
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6

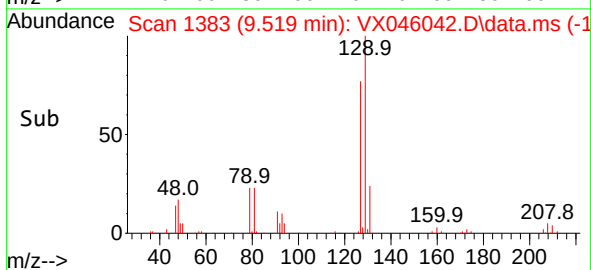
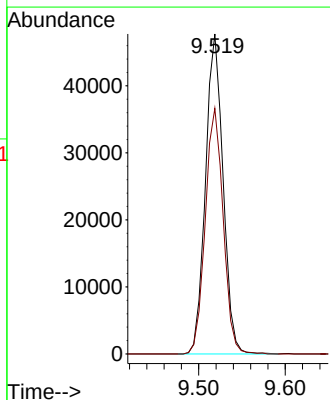
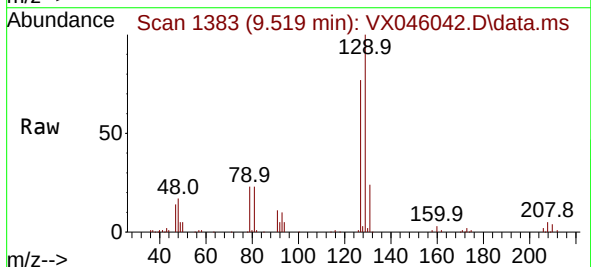
Manual Integrations
APPROVED

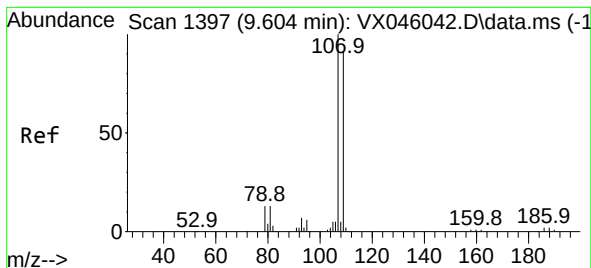
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#60
Dibromochloromethane
Concen: 38.027 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:129 Resp: 67198
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.8





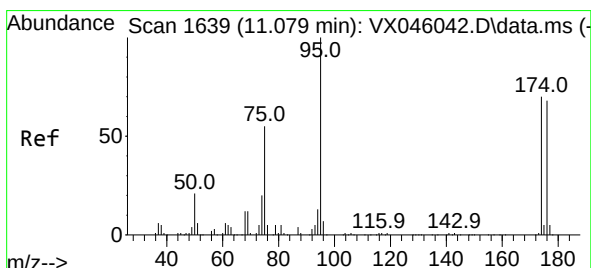
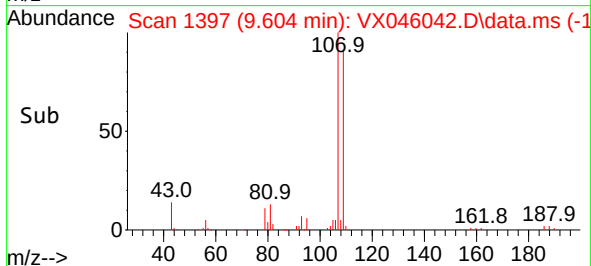
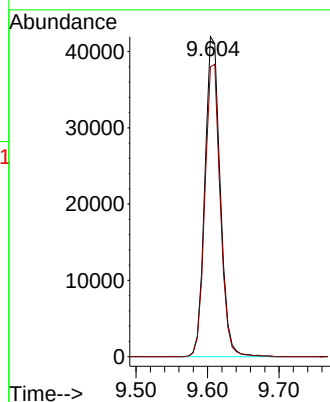
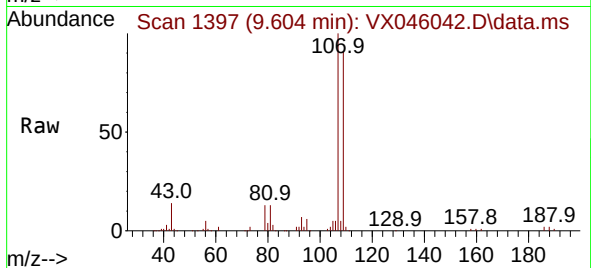
#61
1,2-Dibromoethane
Concen: 37.567 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 6263
Ion Ratio Lower Upper
107 100
109 91.6 73.3 109.9

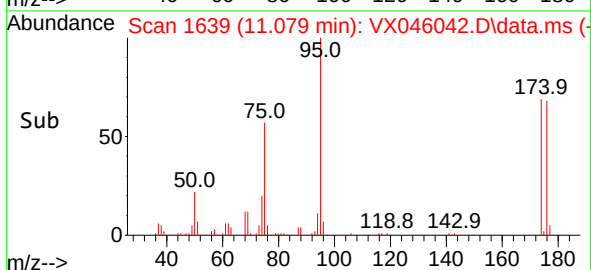
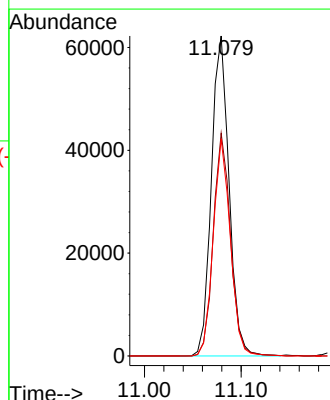
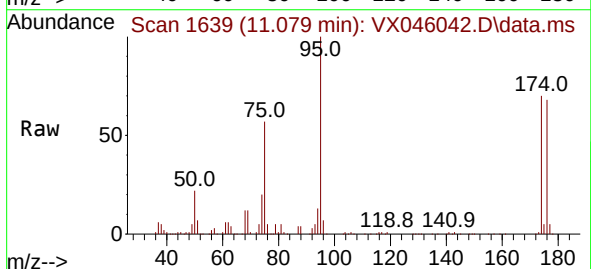
Manual Integrations
APPROVED

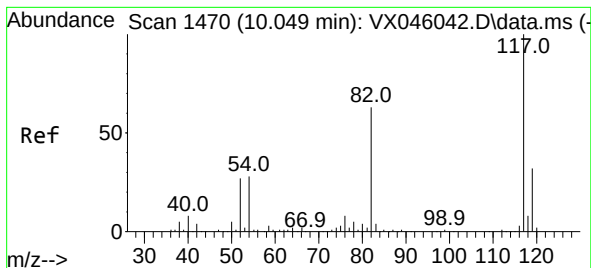
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#62
4-Bromofluorobenzene
Concen: 34.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

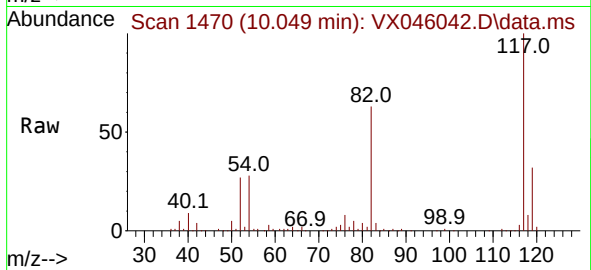
Tgt Ion: 95 Resp: 79012
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

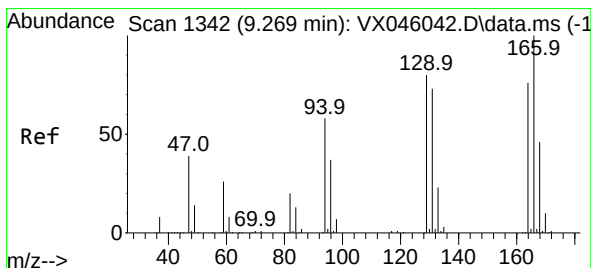
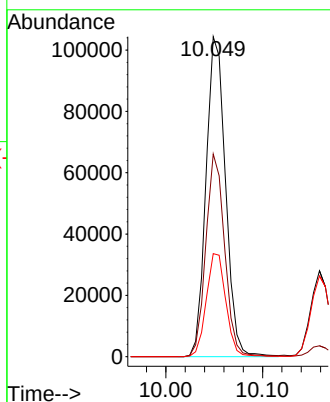
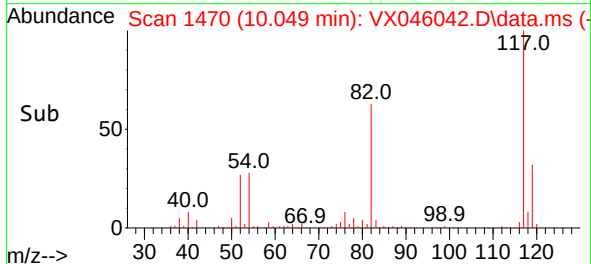
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 14625
Ion Ratio Lower Upper
117 100
82 63.3 50.6 76.0
119 32.2 25.8 38.6

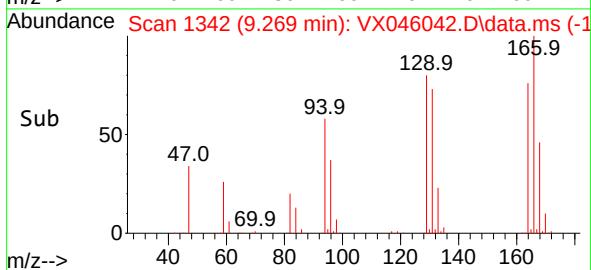
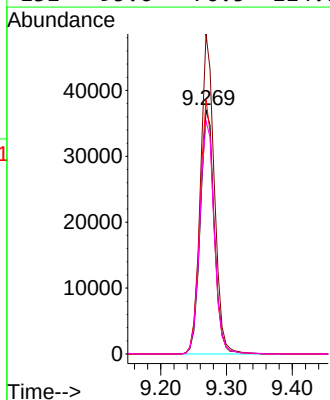
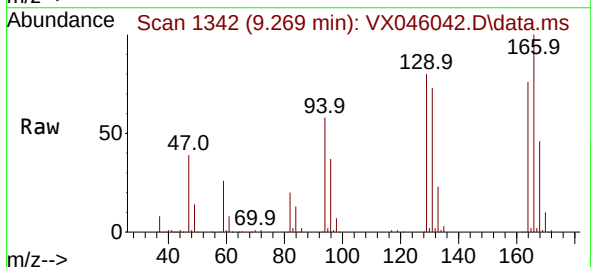
Manual Integrations
APPROVED

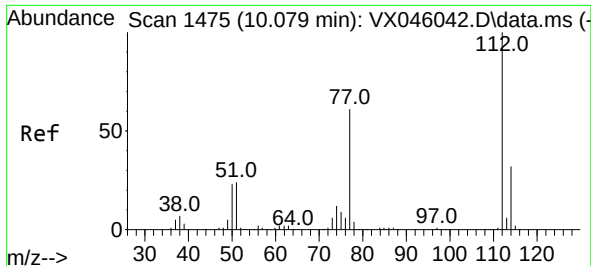
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#64
Tetrachloroethene
Concen: 36.726 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

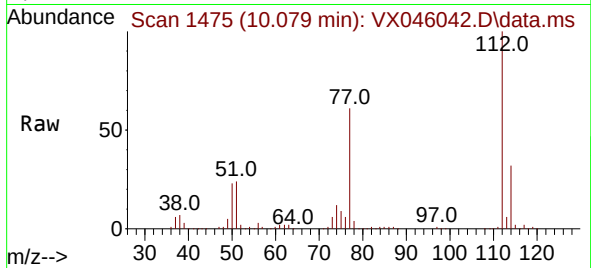
Tgt Ion:164 Resp: 54853
Ion Ratio Lower Upper
164 100
166 131.3 105.0 157.6
129 104.4 83.5 125.3
131 95.6 76.5 114.7





#65
Chlorobenzene
Concen: 35.686 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

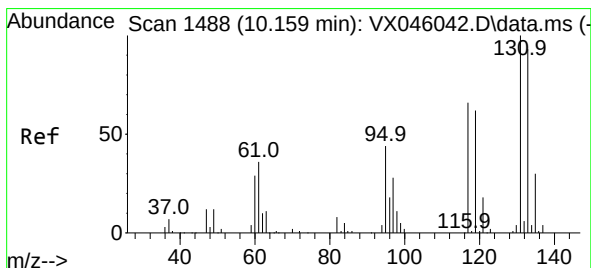
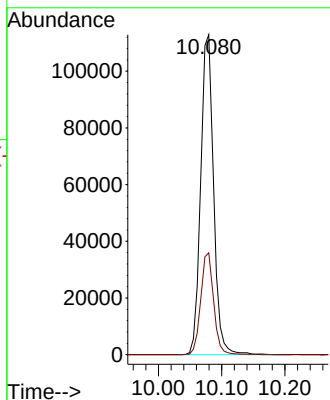
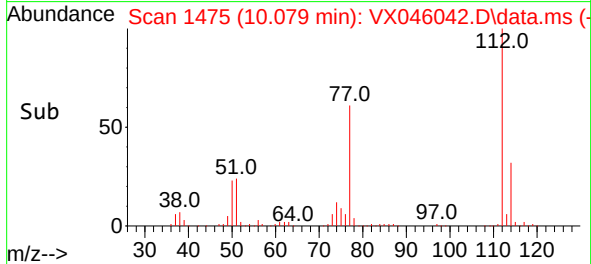
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 160600
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

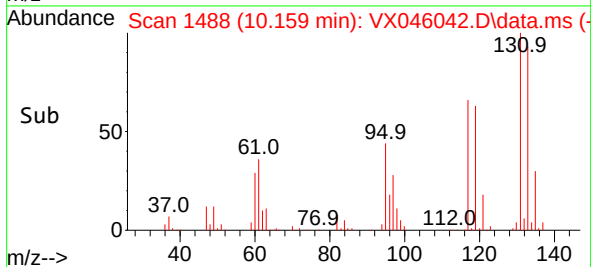
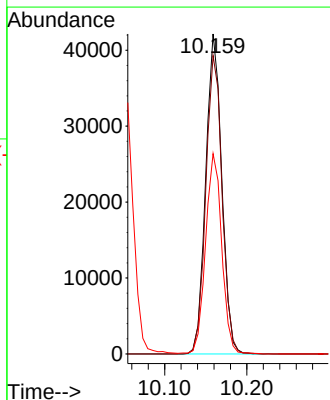
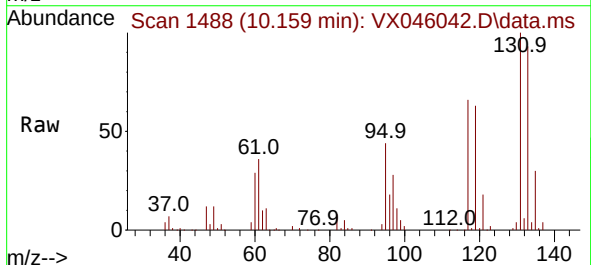
Manual Integrations
APPROVED

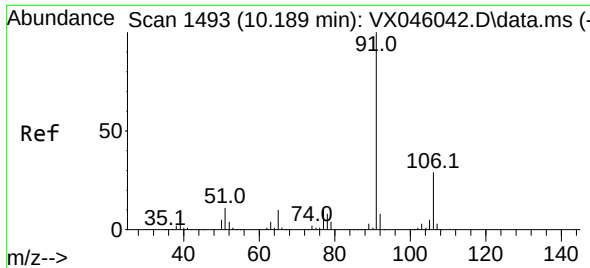
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 38.017 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

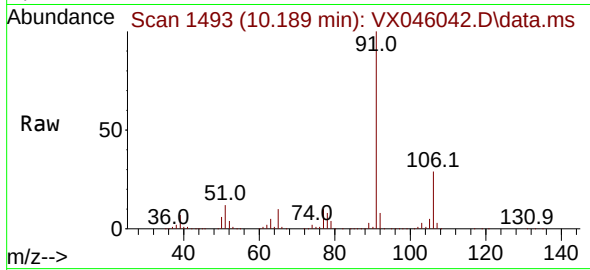
Tgt Ion:131 Resp: 57066
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 63.3 31.6 95.0





#67
Ethyl Benzene
Concen: 38.543 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

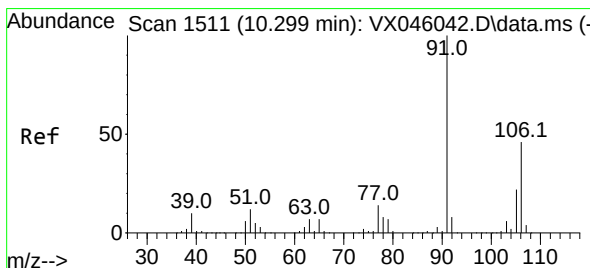
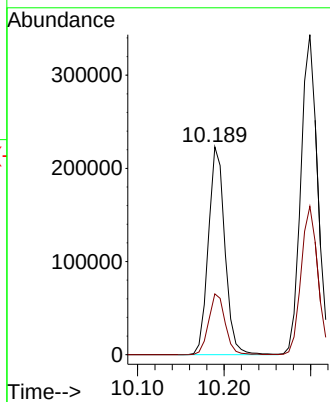
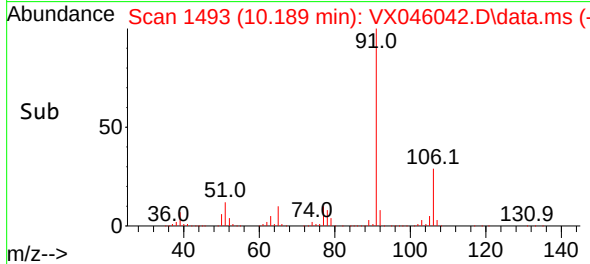
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



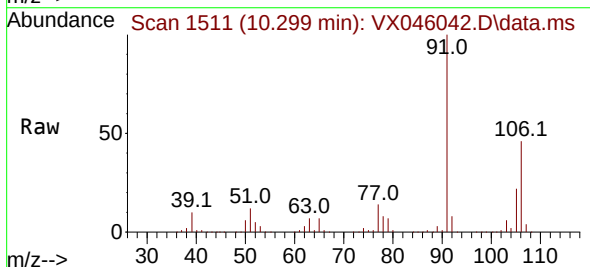
Tgt Ion: 91 Resp: 295712
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2

Manual Integrations
APPROVED

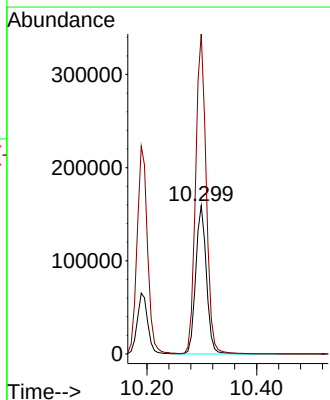
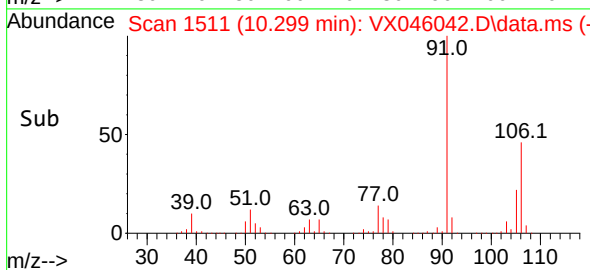
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

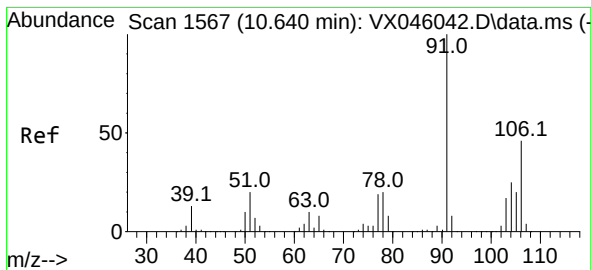


#68
m/p-Xylenes
Concen: 78.142 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58



Tgt Ion:106 Resp: 216578
Ion Ratio Lower Upper
106 100
91 214.0 171.2 256.8





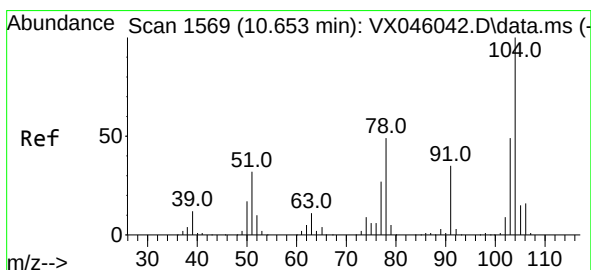
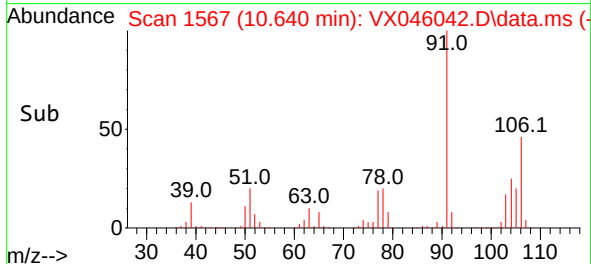
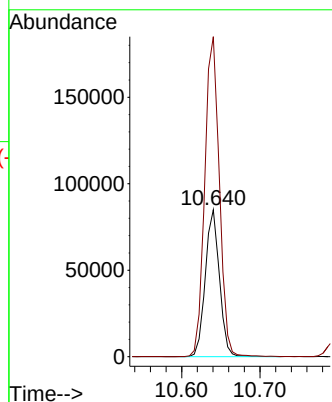
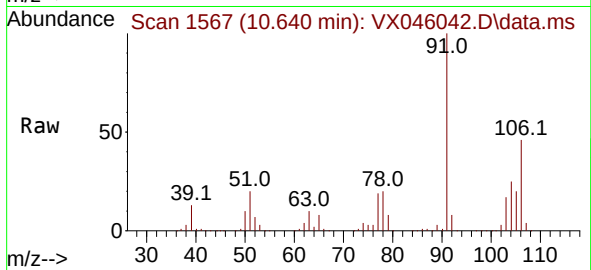
#69
o-Xylene
Concen: 38.064 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 10633
Ion Ratio Lower Upper
106 100
91 225.4 112.7 338.1

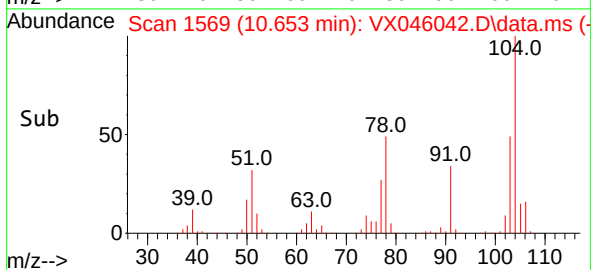
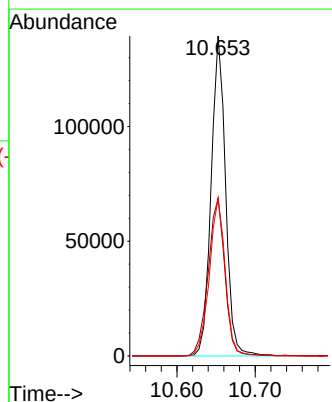
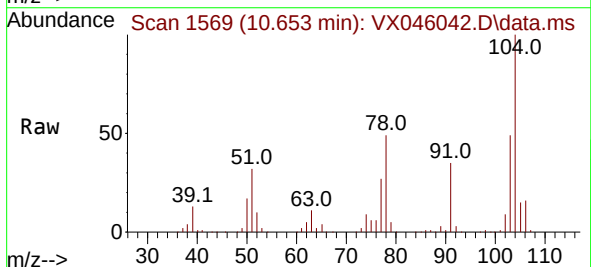
Manual Integrations
APPROVED

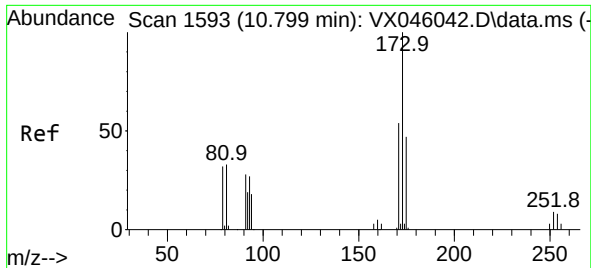
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#70
Styrene
Concen: 39.888 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

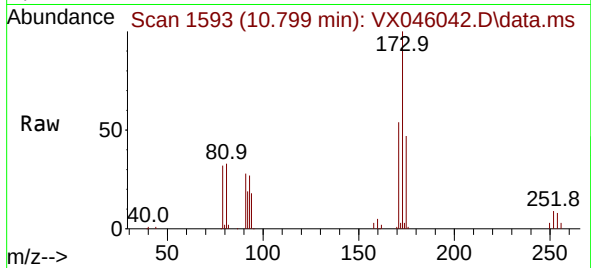
Tgt Ion:104 Resp: 178313
Ion Ratio Lower Upper
104 100
78 57.1 45.7 68.5
103 54.6 43.7 65.5





#71
Bromoform
Concen: 39.457 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

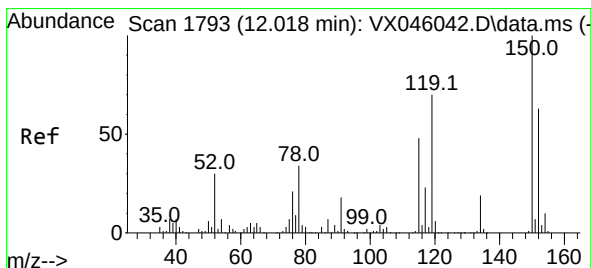
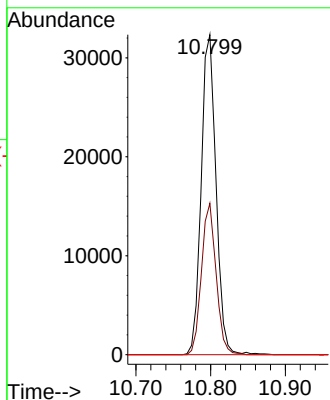
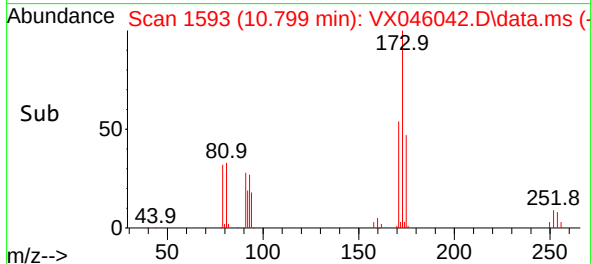
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



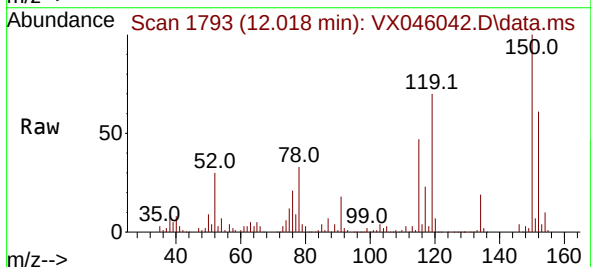
Tgt Ion:173 Resp: 44480
Ion Ratio Lower Upper
173 100
175 46.7 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

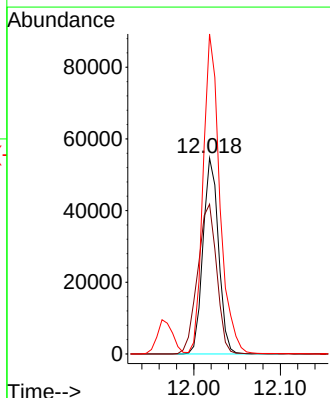
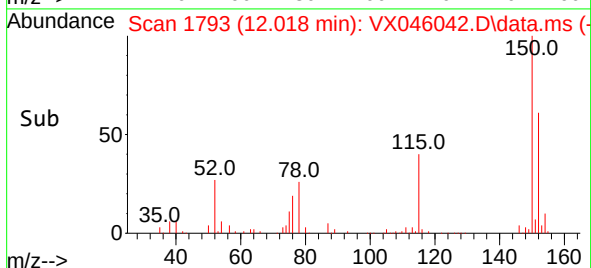
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

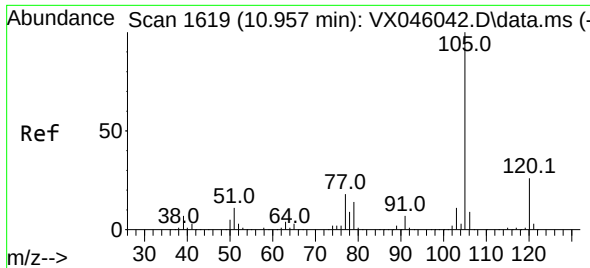


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58



Tgt Ion:152 Resp: 67976
Ion Ratio Lower Upper
152 100
115 93.8 46.9 140.7
150 175.5 0.0 351.0





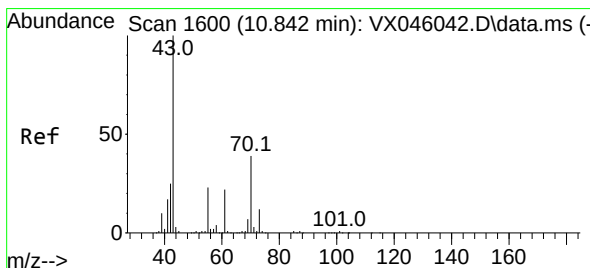
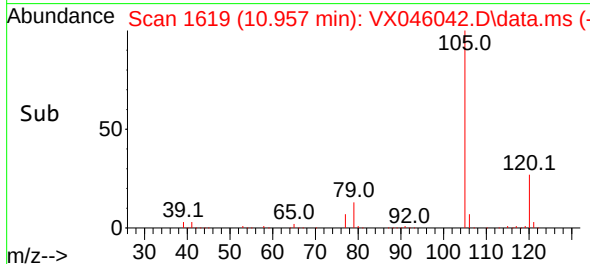
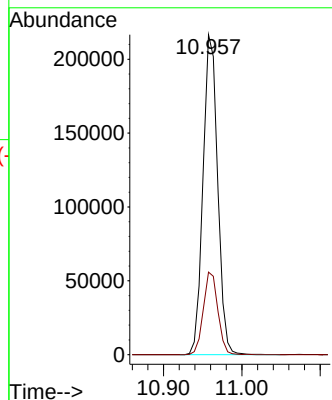
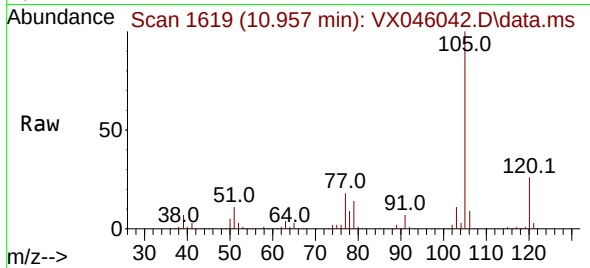
#73
Isopropylbenzene
Concen: 37.865 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 280719
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

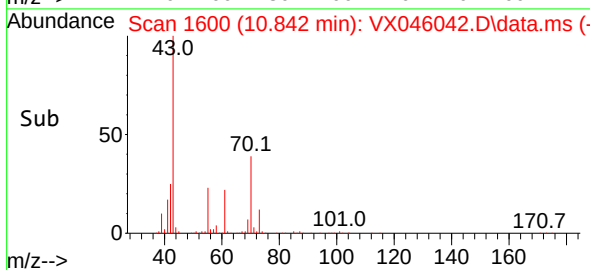
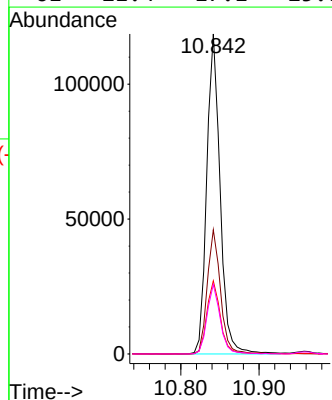
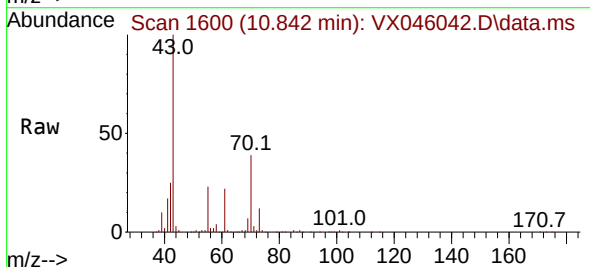
Manual Integrations
APPROVED

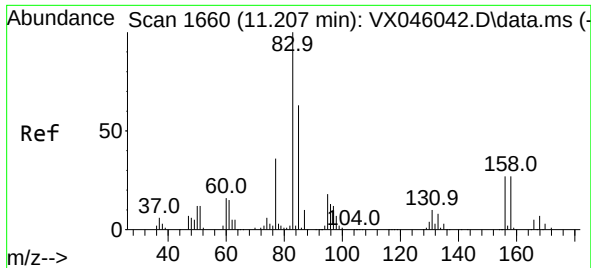
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#74
N-ethyl acetate
Concen: 38.012 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 43 Resp: 140509
Ion Ratio Lower Upper
43 100
70 38.6 30.9 46.3
55 23.4 18.7 28.1
61 21.4 17.1 25.7





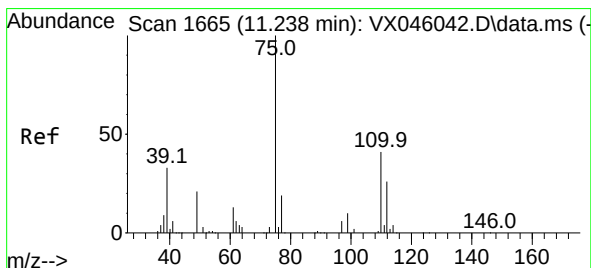
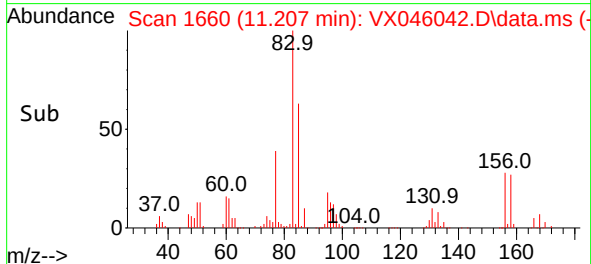
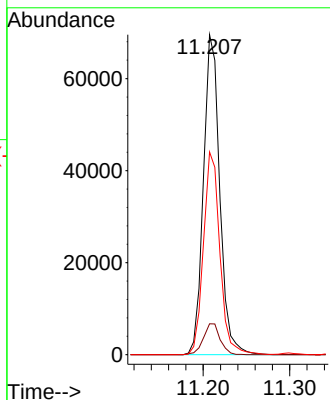
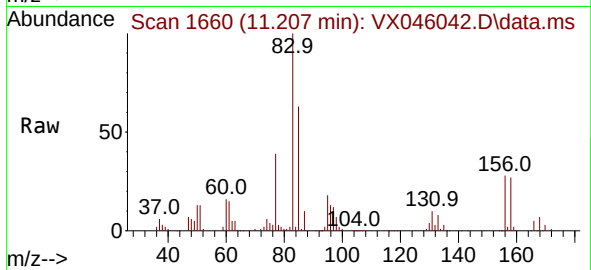
#75
1,1,2,2-Tetrachloroethane
Concen: 34.495 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 90975
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 63.8 31.9 95.7

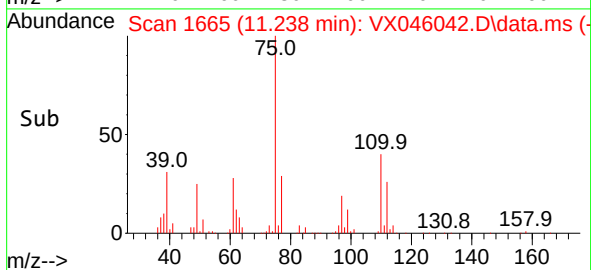
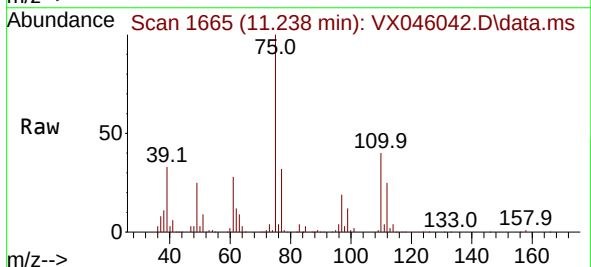
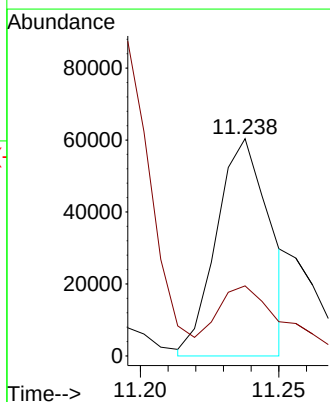
Manual Integrations
APPROVED

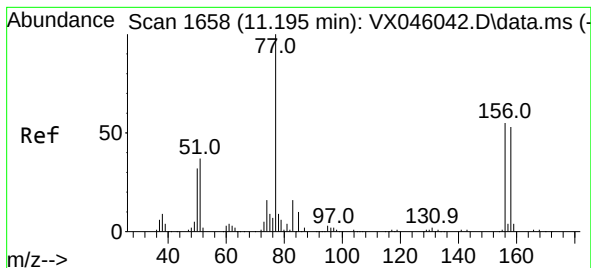
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#76
1,2,3-Trichloropropane
Concen: 28.468 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 75 Resp: 80678
Ion Ratio Lower Upper
75 100
77 41.0 20.5 61.5





#77

Bromobenzene

Concen: 36.763 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

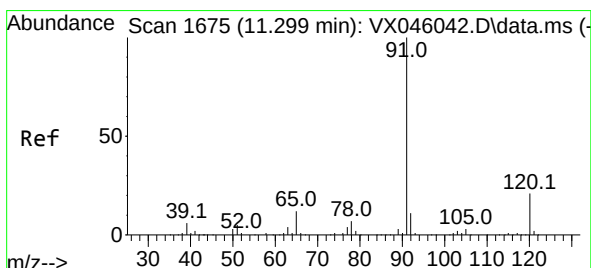
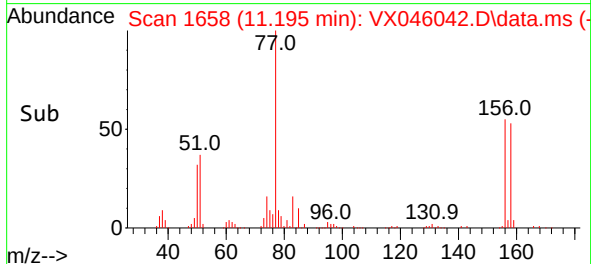
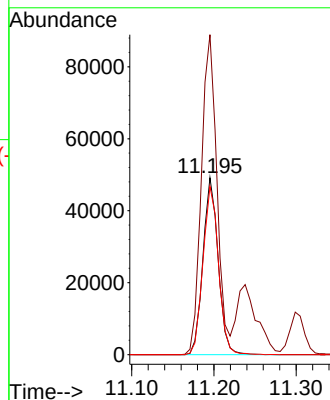
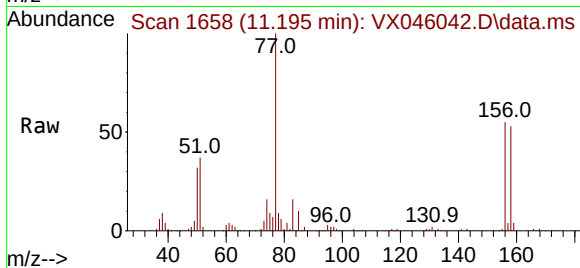
Tgt Ion:	156	Resp:	6305
Ion Ratio	Lower	Upper	
156	100		
77	185.5	92.8	278.3
158	97.5	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#78

n-propylbenzene

Concen: 39.707 ug/l

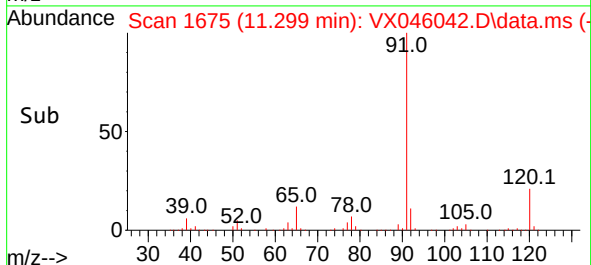
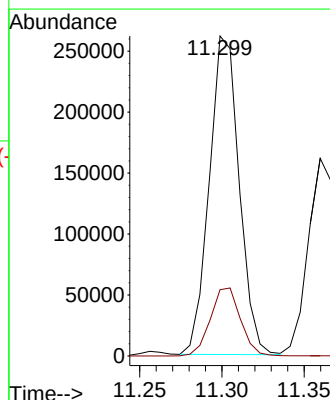
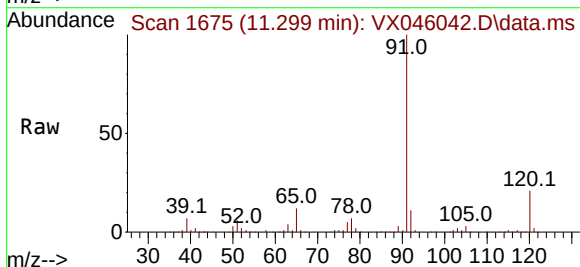
RT: 11.299 min Scan# 1675

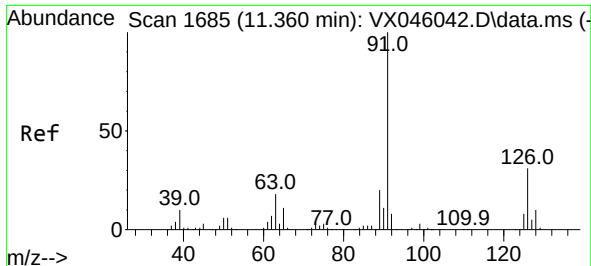
Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Tgt Ion:	91	Resp:	329981
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.8	32.4





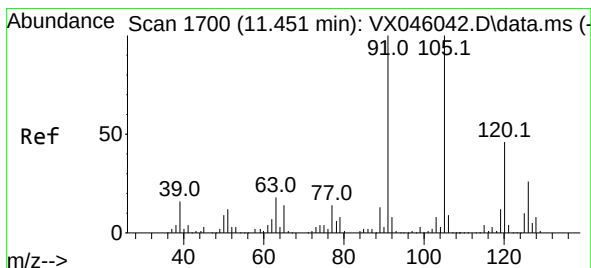
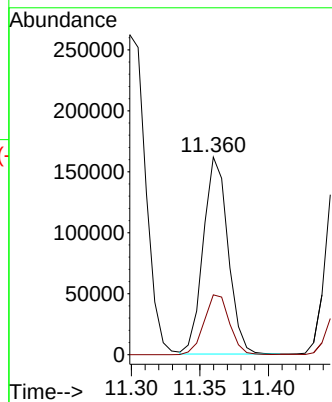
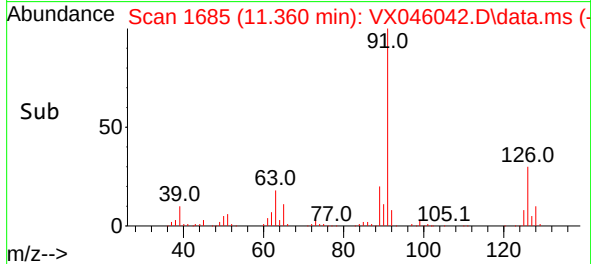
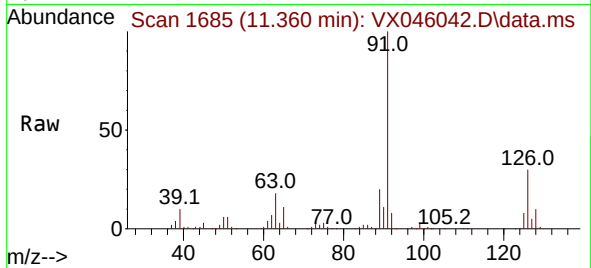
#79
2-Chlorotoluene
Concen: 36.336 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 203509
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.7

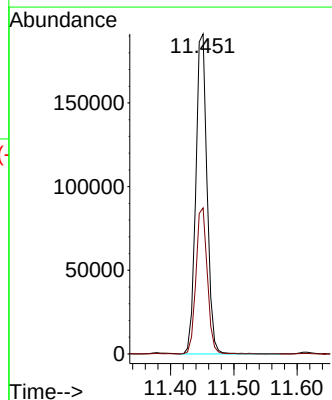
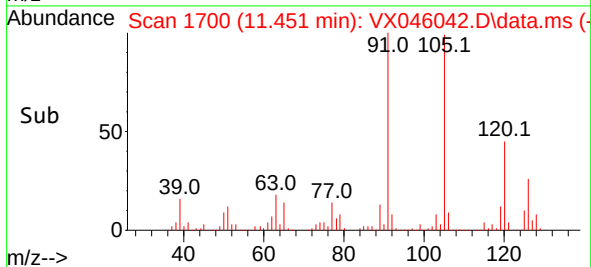
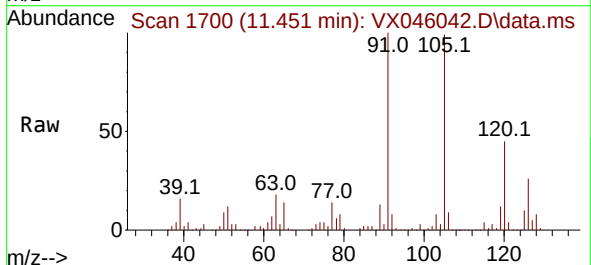
Manual Integrations
APPROVED

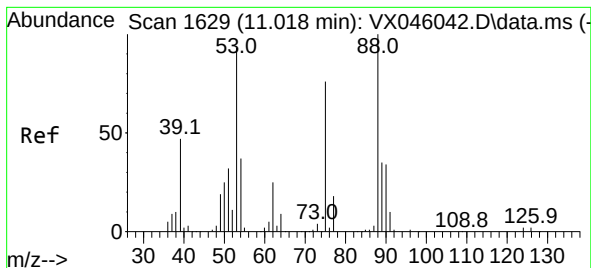
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 38.516 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:105 Resp: 237066
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2





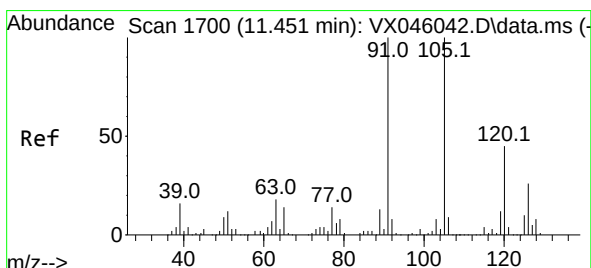
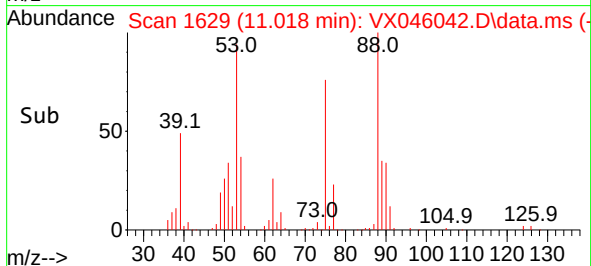
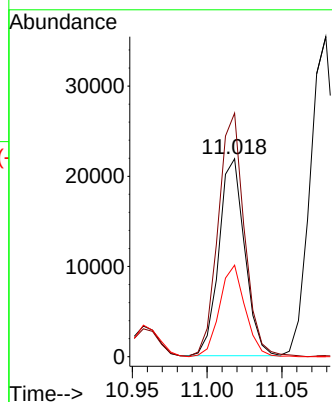
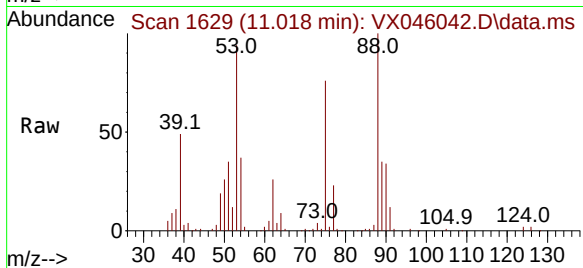
#81
trans-1,4-Dichloro-2-butene
Concen: 38.445 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 26179
Ion Ratio Lower Upper
75 100
53 125.6 100.5 150.7
89 46.3 37.0 55.6

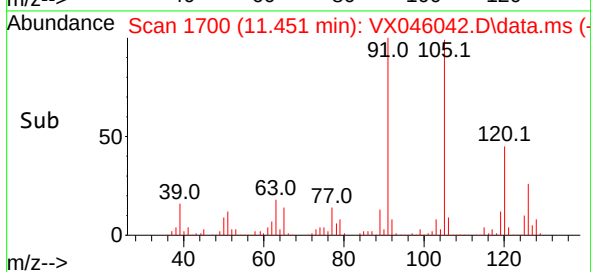
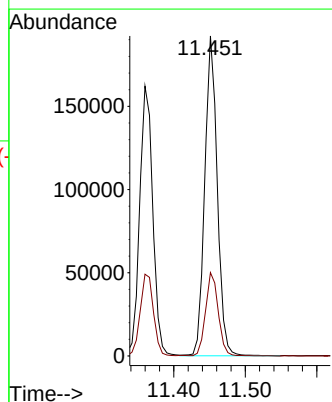
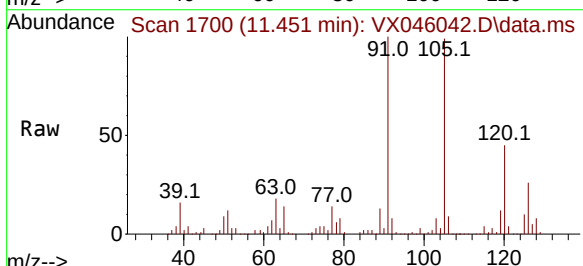
Manual Integrations
APPROVED

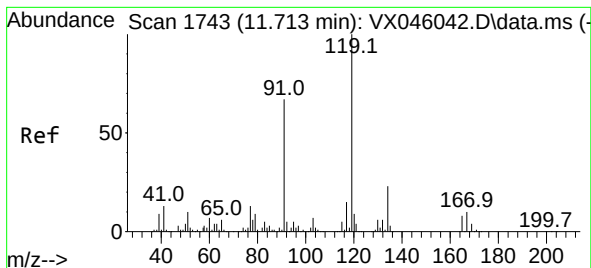
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#82
4-Chlorotoluene
Concen: 37.880 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion: 91 Resp: 233172
Ion Ratio Lower Upper
91 100
126 26.5 13.3 39.8





#83

tert-Butylbenzene

Concen: 38.622 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 233468

Ion Ratio Lower Upper

119 100

91 65.8 32.9 98.7

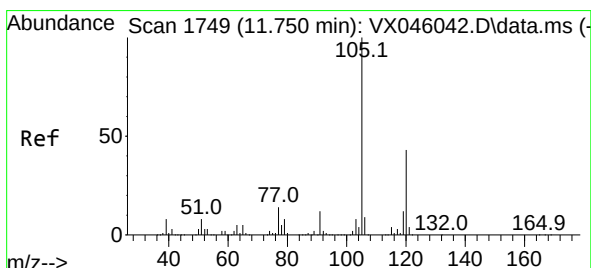
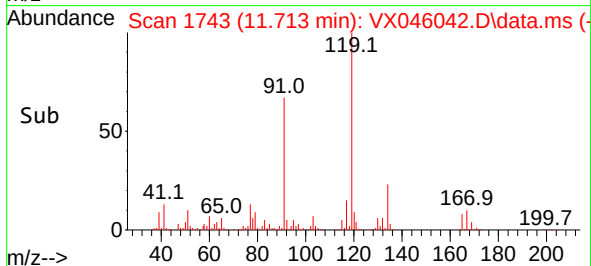
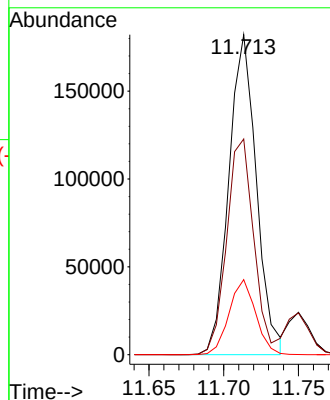
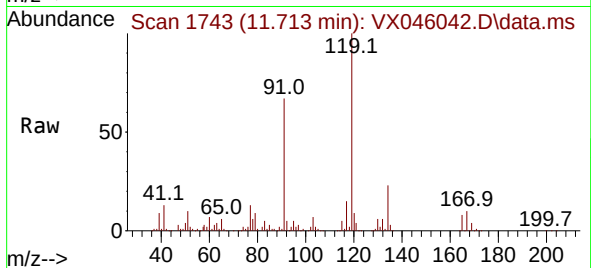
134 22.7 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 38.946 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046042.D

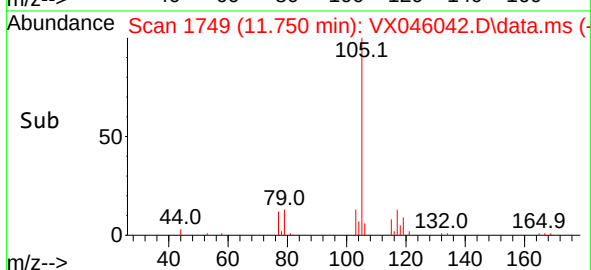
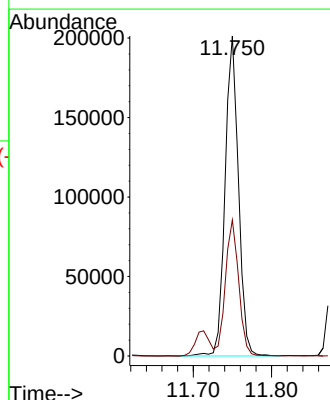
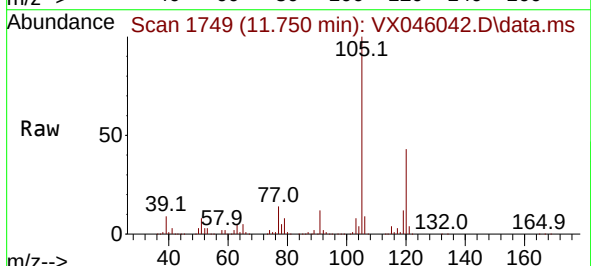
Acq: 05 May 2025 11:58

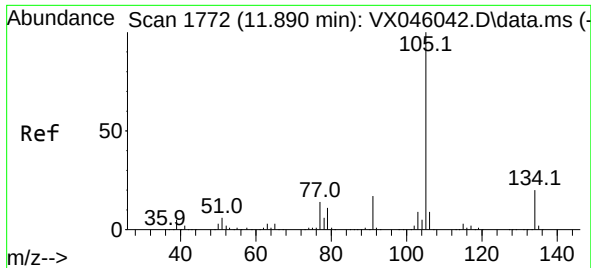
Tgt Ion:105 Resp: 239433

Ion Ratio Lower Upper

105 100

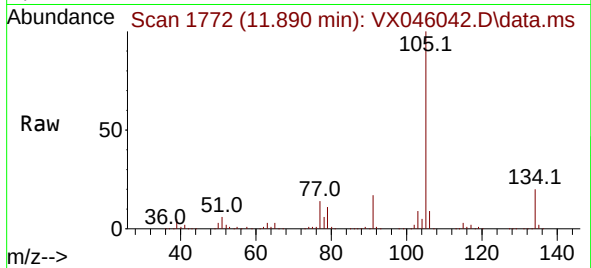
120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 38.786 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046042.D
 Acq: 05 May 2025 11:58

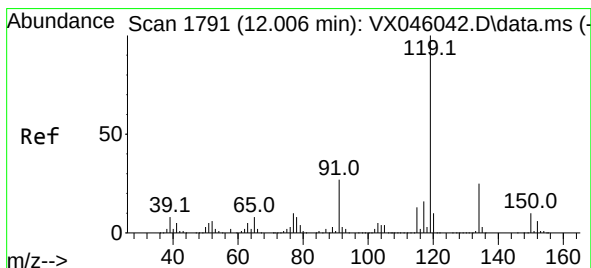
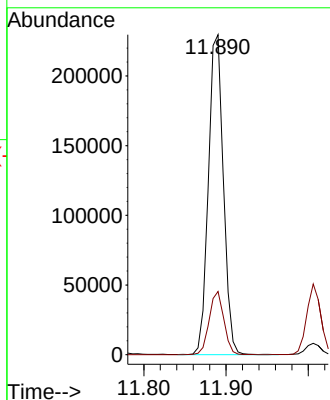
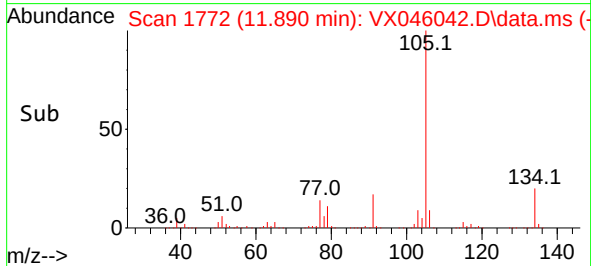
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



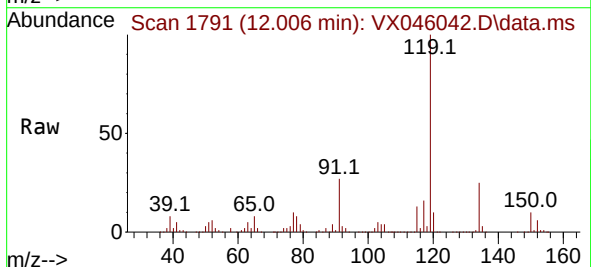
Tgt Ion:105 Resp: 291074
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

Manual Integrations
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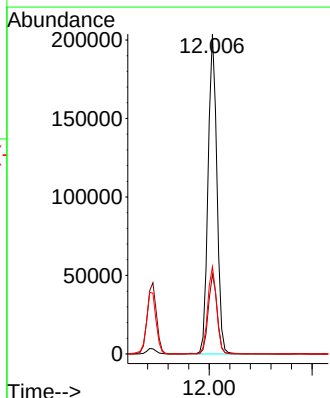
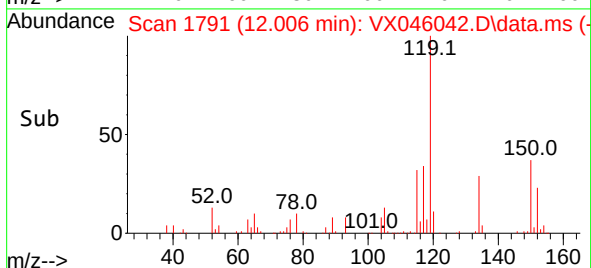
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

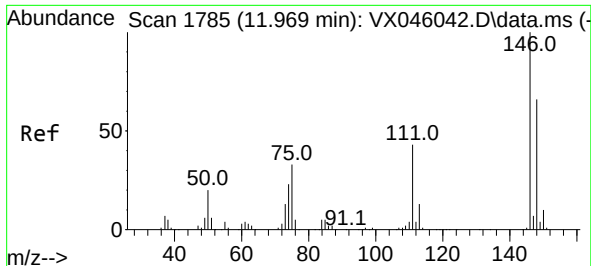


#86
 p-Isopropyltoluene
 Concen: 39.879 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046042.D
 Acq: 05 May 2025 11:58



Tgt Ion:119 Resp: 241658
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 27.6 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 36.199 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 11565

Ion Ratio Lower Upper

146 100

111 44.2 22.1 66.3

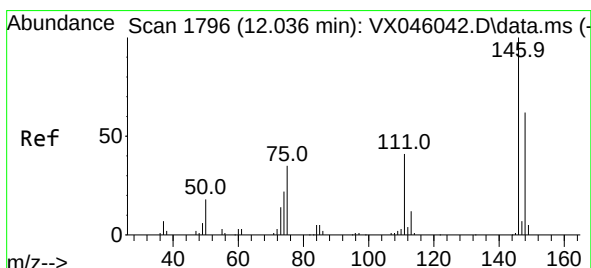
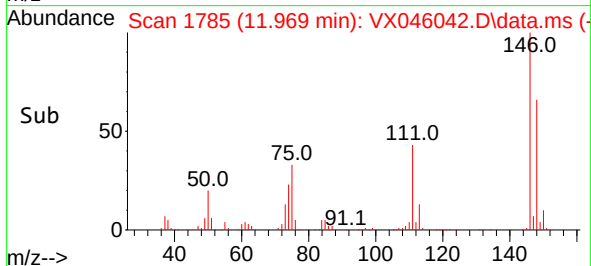
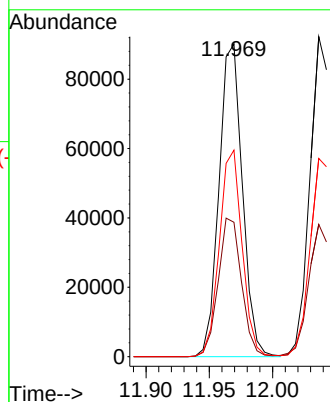
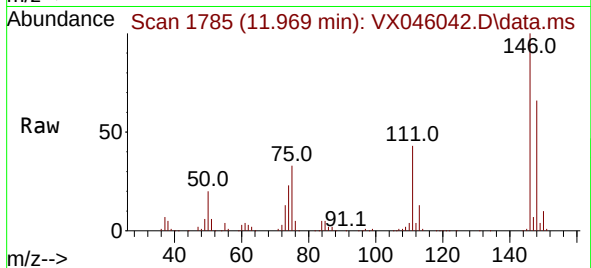
148 64.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#88

1,4-Dichlorobenzene

Concen: 36.763 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

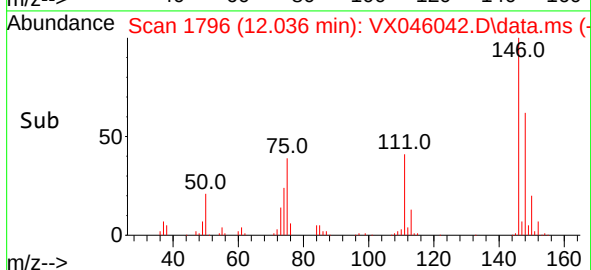
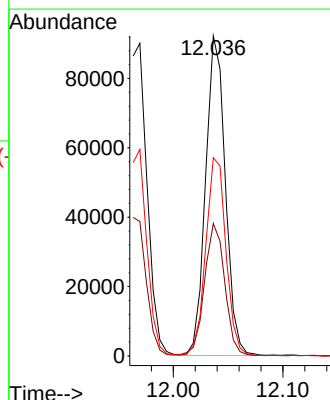
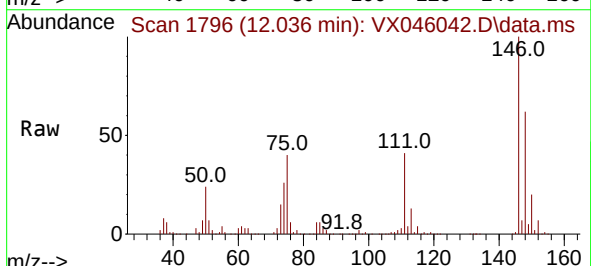
Tgt Ion:146 Resp: 115097

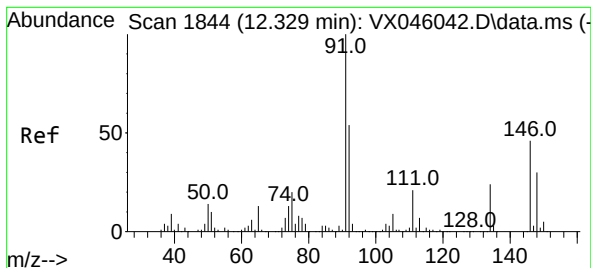
Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 40.603 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046042.D

Acq: 05 May 2025 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 21389

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.7

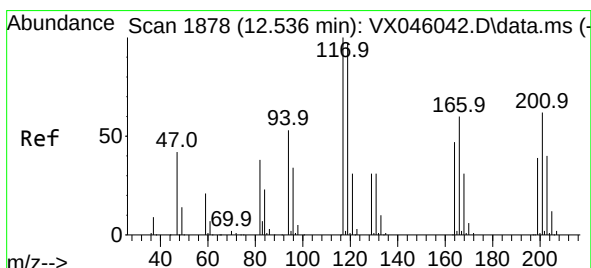
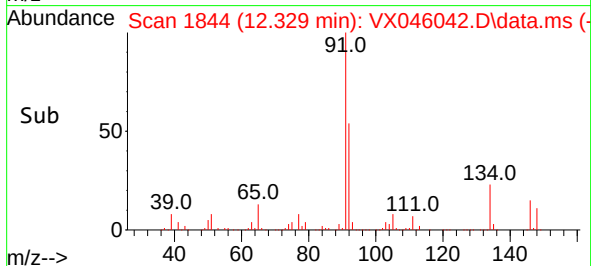
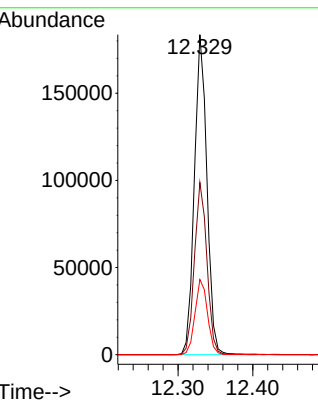
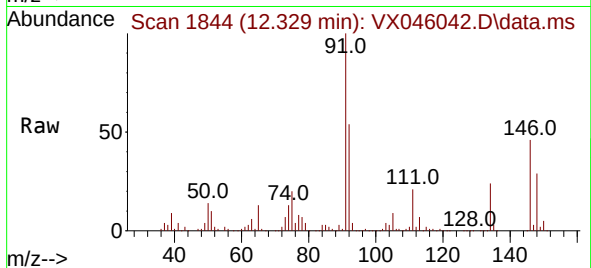
134 23.5 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#90

Hexachloroethane

Concen: 37.534 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046042.D

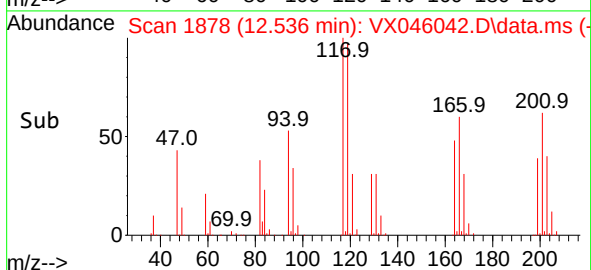
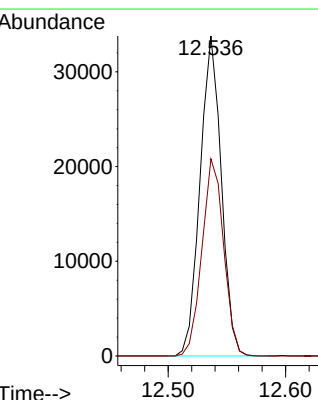
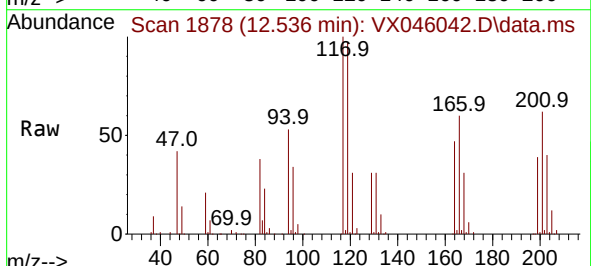
Acq: 05 May 2025 11:58

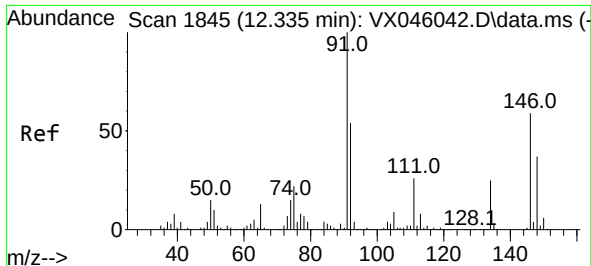
Tgt Ion:117 Resp: 42314

Ion Ratio Lower Upper

117 100

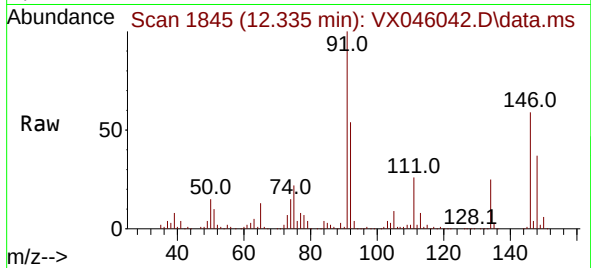
201 63.1 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 37.047 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

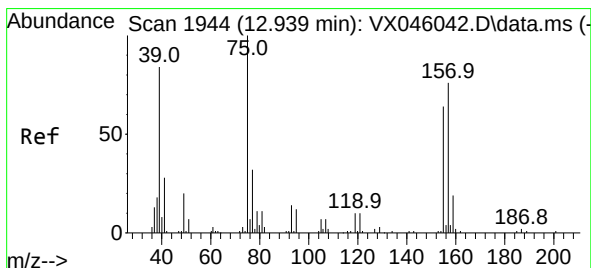
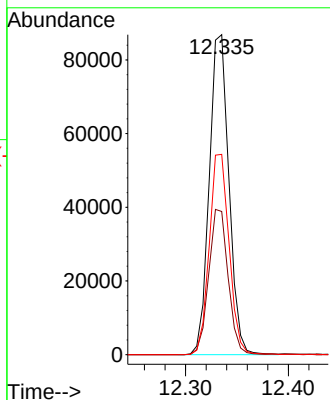
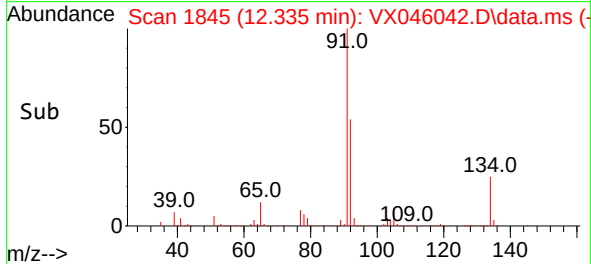
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



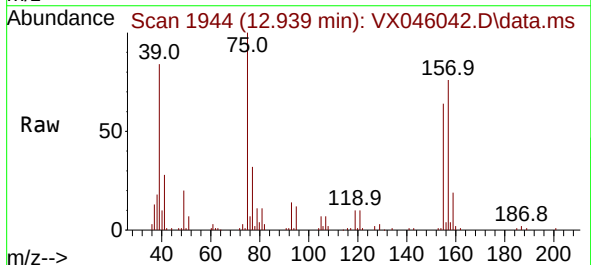
Tgt Ion:146 Resp: 115280
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.3
148 63.2 31.6 94.8

Manual Integrations
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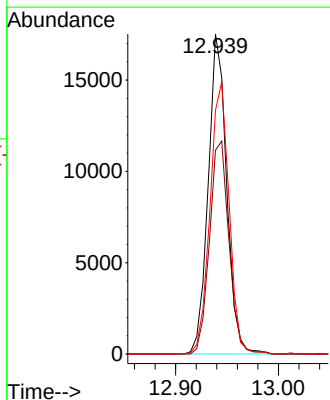
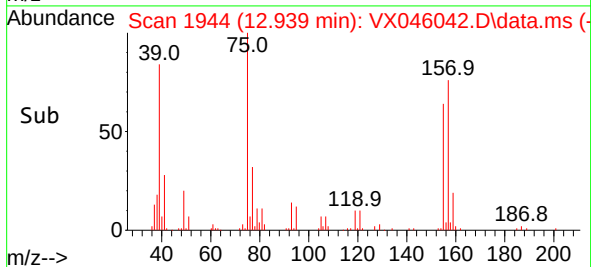
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

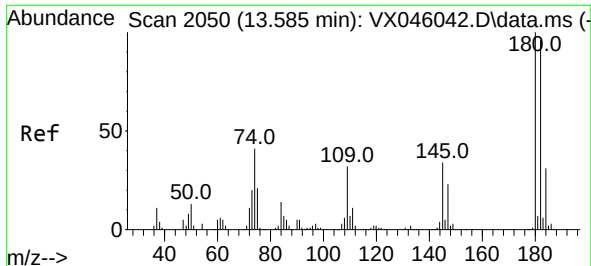


#92
1,2-Dibromo-3-Chloropropane
Concen: 36.496 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58



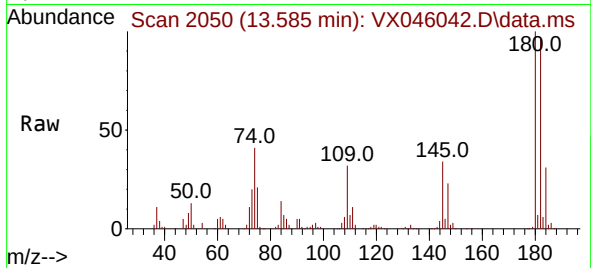
Tgt Ion: 75 Resp: 21909
Ion Ratio Lower Upper
75 100
155 69.9 34.9 104.8
157 87.6 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 39.117 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

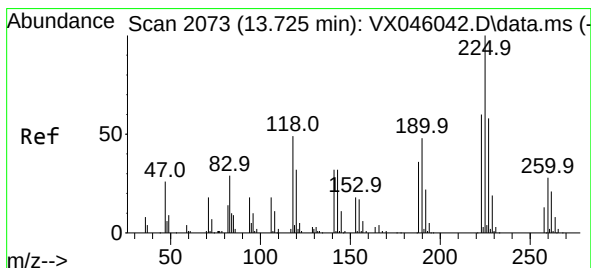
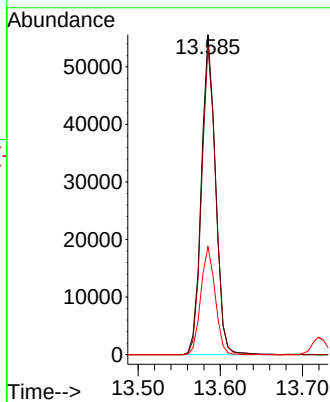
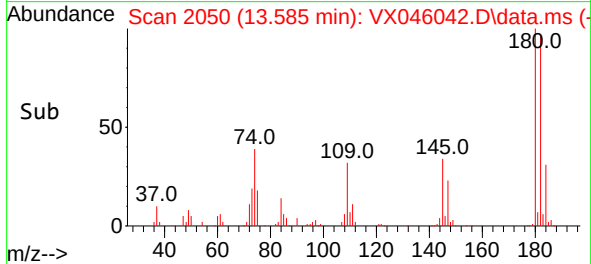
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



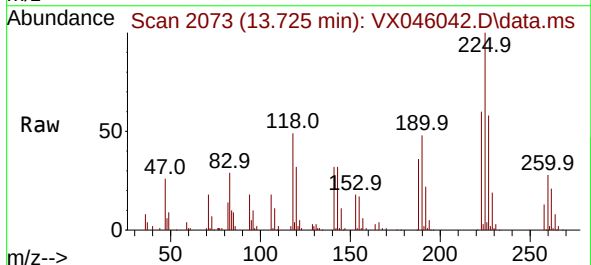
Tgt Ion:180 Resp: 6665
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.8
145 34.1 17.1 51.2

Manual Integrations
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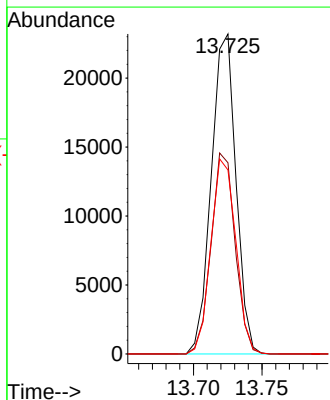
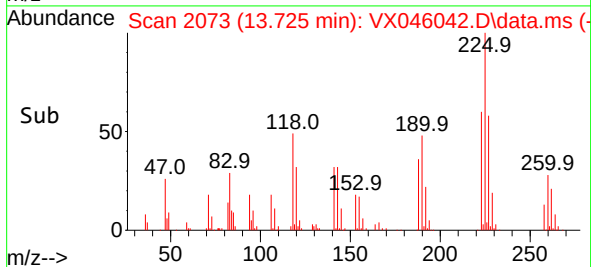
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

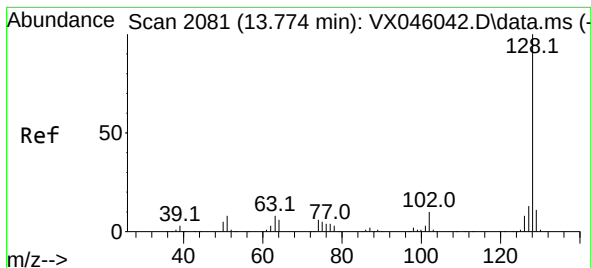


#94
Hexachlorobutadiene
Concen: 36.395 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58



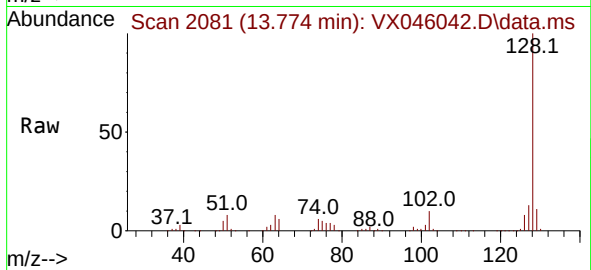
Tgt Ion:225 Resp: 29007
Ion Ratio Lower Upper
225 100
223 61.6 30.8 92.4
227 61.8 30.9 92.7





#95
Naphthalene
Concen: 39.575 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

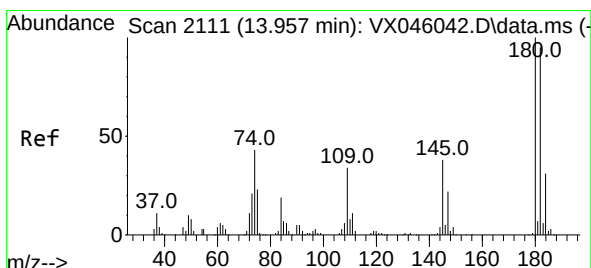
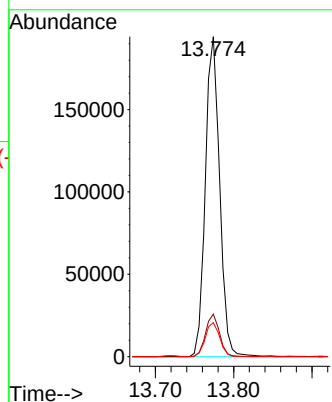
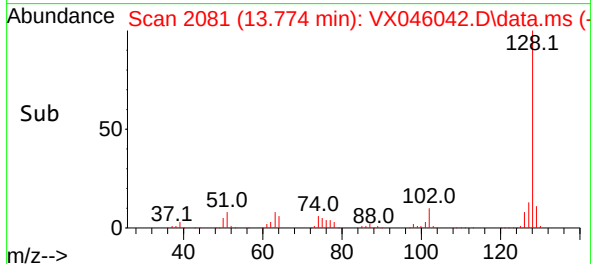
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 245568
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0

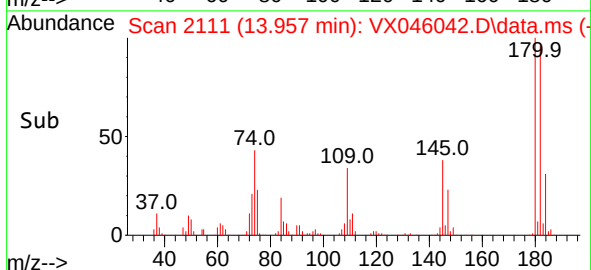
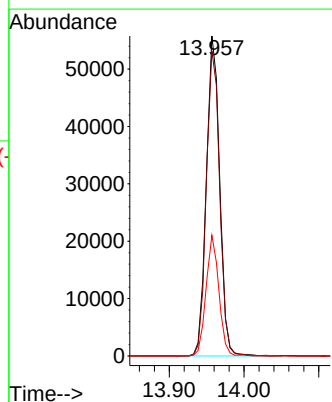
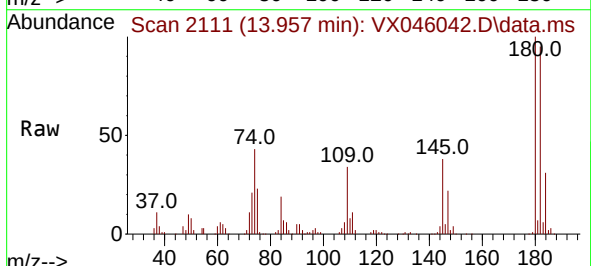
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 38.765 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046042.D
Acq: 05 May 2025 11:58

Tgt Ion:180 Resp: 69262
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 36.2 18.1 54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046043.D
 Acq On : 05 May 2025 12:21
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 06 06:10:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161877	62.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.060%#			
35) Dibromofluoromethane	5.379	113	111455	65.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 130.020%#			
50) Toluene-d8	8.647	98	387230	67.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 134.060%#			
62) 4-Bromofluorobenzene	11.079	95	153085	72.818	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 145.640%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	149508	77.828	ug/l	99
3) Chloromethane	1.307	50	136937	72.392	ug/l	98
4) Vinyl Chloride	1.374	62	126609	76.398	ug/l	98
5) Bromomethane	1.593	94	59246	70.507	ug/l	99
6) Chloroethane	1.660	64	57332	67.148	ug/l	99
7) Trichlorofluoromethane	1.867	101	171042	67.754	ug/l	99
8) Diethyl Ether	2.136	74	58762	70.807	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	109520	72.604	ug/l	99
10) Methyl Iodide	2.440	142	138045	77.943	ug/l	100
11) Tert butyl alcohol	2.995	59	125094	405.394	ug/l	100
12) 1,1-Dichloroethene	2.306	96	105566	71.884	ug/l	96
13) Acrolein	2.239	56	134456	375.132	ug/l	99
14) Allyl chloride	2.660	41	206519	74.419	ug/l	98
15) Acrylonitrile	3.068	53	331142	358.723	ug/l	97
16) Acetone	2.386	43	314383	354.936	ug/l	98
17) Carbon Disulfide	2.501	76	264956	77.867	ug/l	100
18) Methyl Acetate	2.703	43	147014	69.531	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	378113	73.818	ug/l	100
20) Methylene Chloride	2.782	84	120270	67.030	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	106606	71.109	ug/l	99
22) Diisopropyl ether	3.763	45	399494	77.048	ug/l	90
23) Vinyl Acetate	3.721	43	1811550	395.363	ug/l	100
24) 1,1-Dichloroethane	3.605	63	219759	72.114	ug/l	99
25) 2-Butanone	4.556	43	485448	379.704	ug/l	100
26) 2,2-Dichloropropane	4.464	77	174579	75.621	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	128454	71.056	ug/l	99
28) Bromochloromethane	4.891	49	103602	63.932	ug/l	100
29) Tetrahydrofuran	5.001	42	305757	368.234	ug/l	99
30) Chloroform	5.086	83	222253	70.180	ug/l	95
31) Cyclohexane	5.458	56	196302	76.428	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	201112	73.635	ug/l	98
36) 1,1-Dichloropropene	5.690	75	147873	74.285	ug/l	99
37) Ethyl Acetate	4.714	43	186215	74.565	ug/l	99
38) Carbon Tetrachloride	5.672	117	168946	73.875	ug/l	99
39) Methylcyclohexane	7.372	83	191941	76.952	ug/l	96
40) Benzene	6.031	78	440885	71.457	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046043.D
 Acq On : 05 May 2025 12:21
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:10:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	104863	75.574	ug/l	98
42) 1,2-Dichloroethane	6.080	62	187036	73.318	ug/l	99
43) Isopropyl Acetate	6.342	43	300491	78.714	ug/l	100
44) Trichloroethene	7.123	130	105628	72.420	ug/l	98
45) 1,2-Dichloropropane	7.427	63	112554	73.420	ug/l	100
46) Dibromomethane	7.574	93	85728	70.938	ug/l	100
47) Bromodichloromethane	7.818	83	175301	74.845	ug/l	99
48) Methyl methacrylate	7.689	41	153093	78.101	ug/l	99
49) 1,4-Dioxane	7.659	88	57313	1470.687	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	963319	384.740	ug/l	100
52) Toluene	8.714	92	270763	74.010	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	169863	86.372	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	184134	80.264	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	107264	72.543	ug/l	99
56) Ethyl methacrylate	9.116	69	188717	82.359	ug/l	99
57) 1,3-Dichloropropane	9.305	76	187649	71.590	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	463169	449.791	ug/l	100
59) 2-Hexanone	9.433	43	729602	383.945	ug/l	100
60) Dibromochloromethane	9.518	129	127012	78.918	ug/l	98
61) 1,2-Dibromoethane	9.610	107	112669	74.200	ug/l	98
64) Tetrachloroethene	9.268	164	93195	67.493	ug/l	96
65) Chlorobenzene	10.079	112	293284	70.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	103177	74.349	ug/l	99
67) Ethyl Benzene	10.189	91	535122	75.444	ug/l	99
68) m/p-Xylenes	10.299	106	389935	152.181	ug/l	99
69) o-Xylene	10.640	106	190833	73.890	ug/l	97
70) Styrene	10.652	104	328195	79.411	ug/l	100
71) Bromoform	10.799	173	84353	80.927	ug/l #	98
73) Isopropylbenzene	10.957	105	514528	71.083	ug/l	100
74) N-amyl acetate	10.841	43	274553	76.073	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	170481	66.207	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	150182m	54.277	ug/l	
77) Bromobenzene	11.195	156	117151	69.959	ug/l	99
78) n-propylbenzene	11.305	91	608332	74.974	ug/l	100
79) 2-Chlorotoluene	11.360	91	372392	68.100	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	432096	71.903	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	54398	81.820	ug/l	93
82) 4-Chlorotoluene	11.451	91	432053	71.890	ug/l	100
83) tert-Butylbenzene	11.713	119	432011	73.197	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	442728	73.758	ug/l	100
85) sec-Butylbenzene	11.890	105	543597	74.188	ug/l	100
86) p-Isopropyltoluene	12.006	119	457898	77.393	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	219753	70.449	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	217613	71.190	ug/l	99
89) n-Butylbenzene	12.329	91	416602	80.996	ug/l	100
90) Hexachloroethane	12.536	117	82528	74.978	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	216834	71.367	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43673	74.512	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	137430	82.605	ug/l	98
94) Hexachlorobutadiene	13.725	225	55494	71.314	ug/l	98
95) Naphthalene	13.774	128	489778	80.842	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	139525	79.981	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046043.D
Acq On : 05 May 2025 12:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

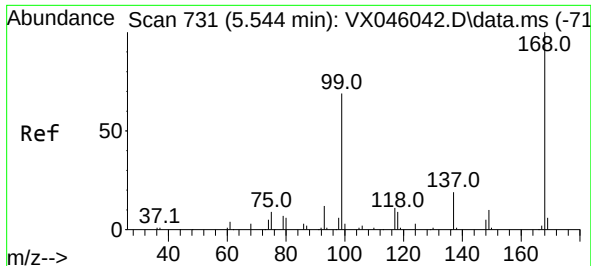
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations APPROVED

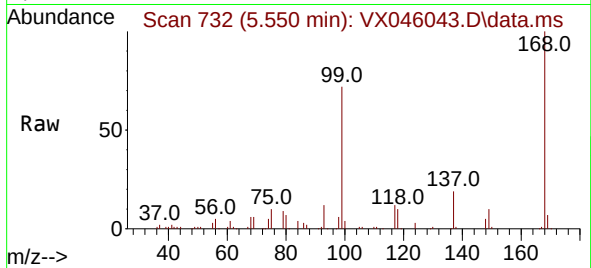
Quant Time: May 06 06:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

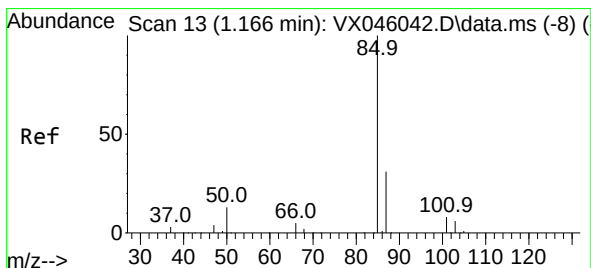
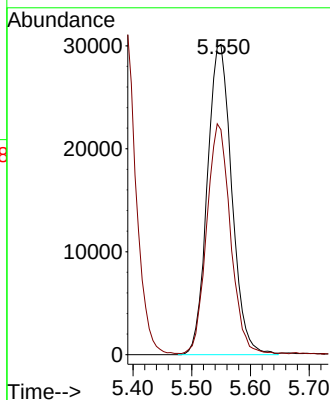
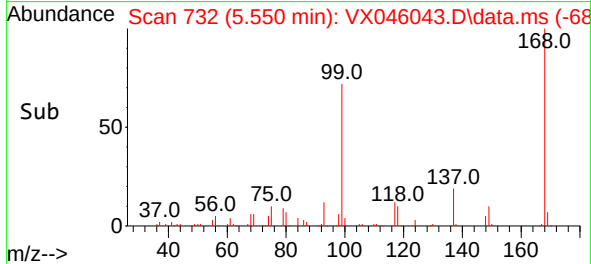
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 87028
Ion Ratio Lower Upper
168 100
99 72.1 54.9 82.3

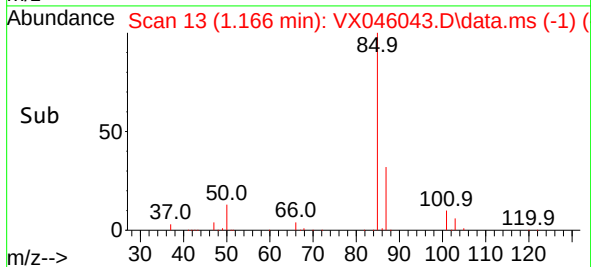
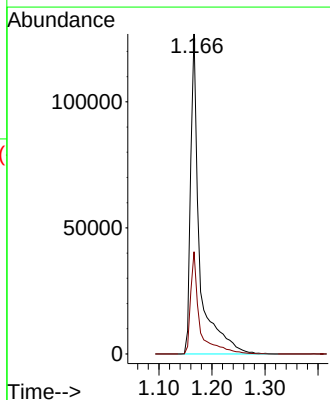
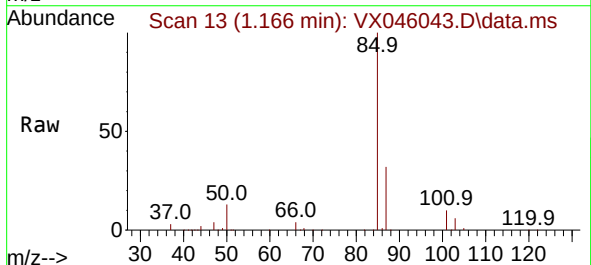
Manual Integrations
APPROVED

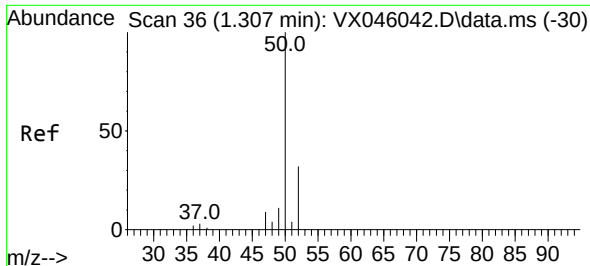
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 77.828 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

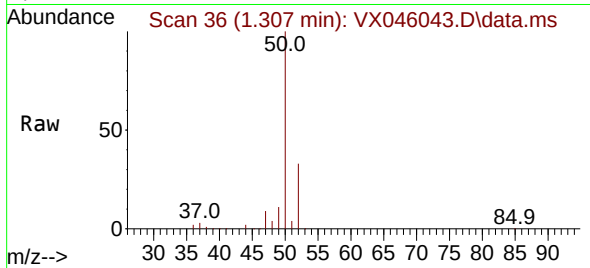
Tgt Ion: 85 Resp: 149508
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.1





#3
Chloromethane
Concen: 72.392 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

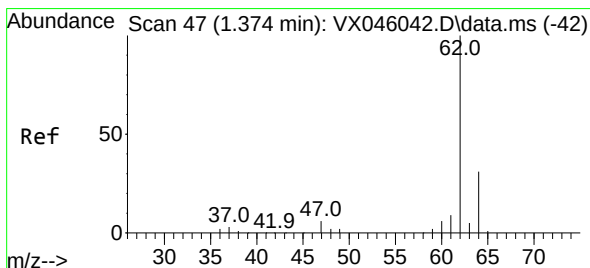
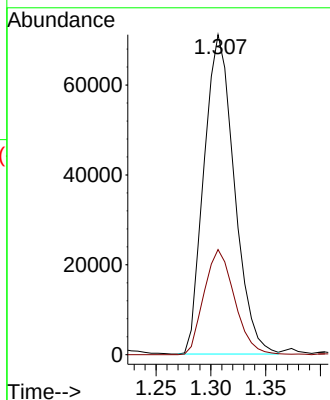
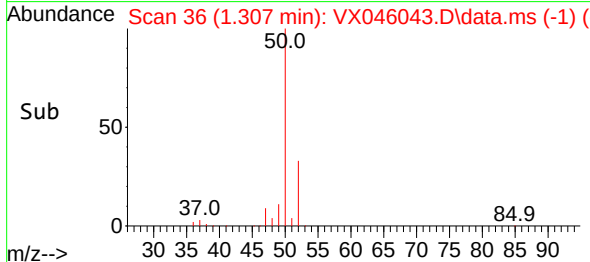
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 13693
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

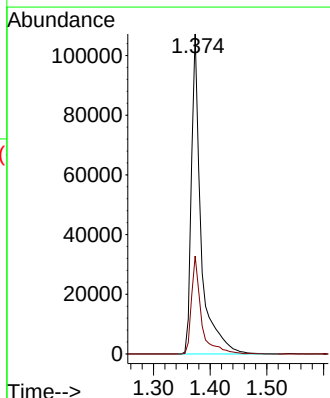
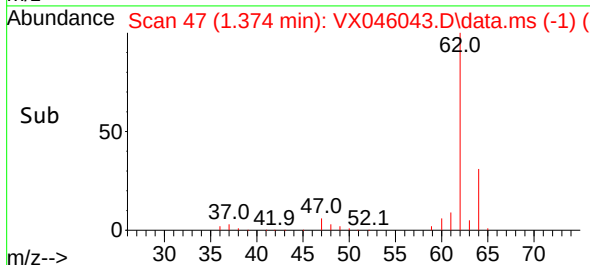
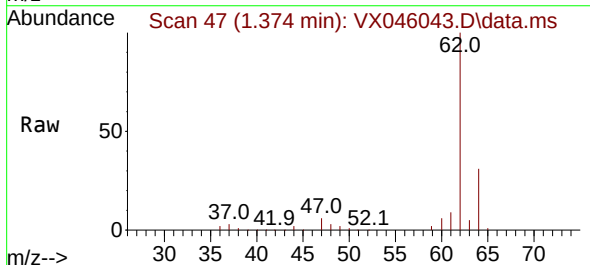
Manual Integrations
APPROVED

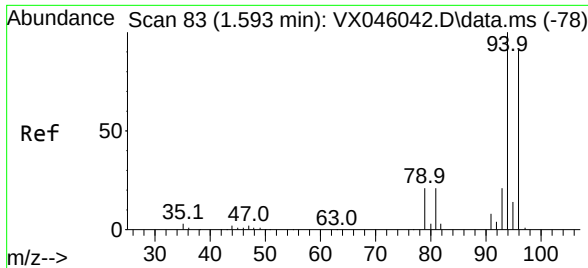
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#4
Vinyl Chloride
Concen: 76.398 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

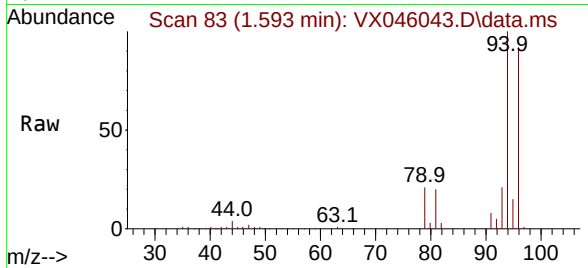
Tgt Ion: 62 Resp: 126609
Ion Ratio Lower Upper
62 100
64 30.6 25.2 37.8





#5
Bromomethane
Concen: 70.507 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

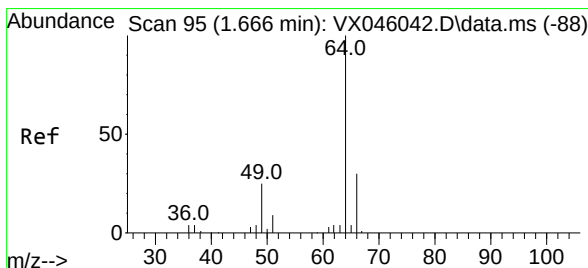
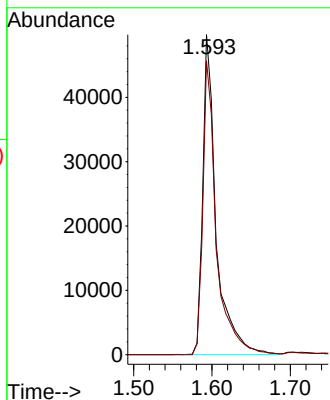
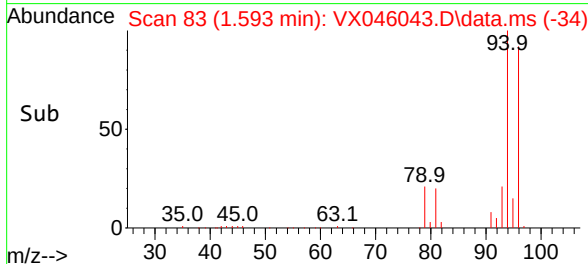
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 59240
Ion Ratio Lower Upper
94 100
96 91.7 72.8 109.2

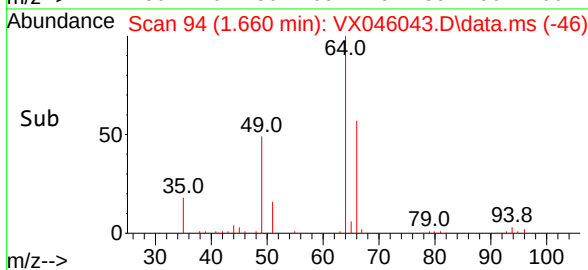
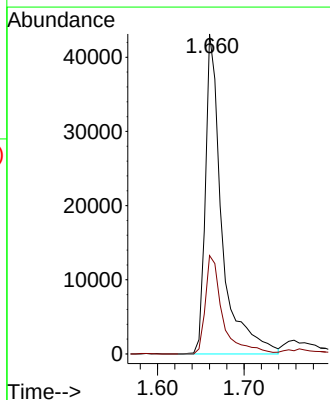
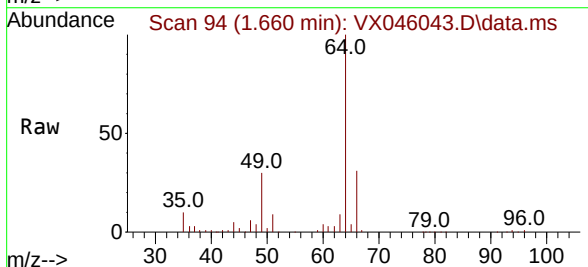
Manual Integrations
APPROVED

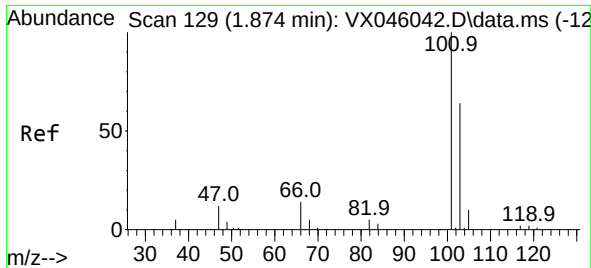
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#6
Chloroethane
Concen: 67.148 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

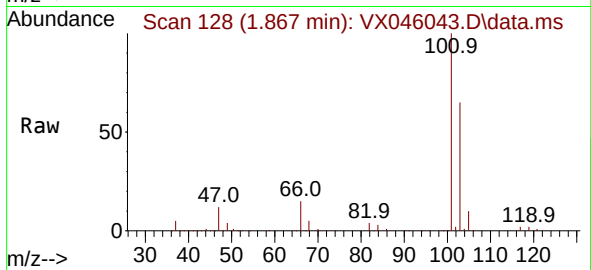
Tgt Ion: 64 Resp: 57332
Ion Ratio Lower Upper
64 100
66 30.8 24.3 36.5





#7
Trichlorofluoromethane
Concen: 67.754 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

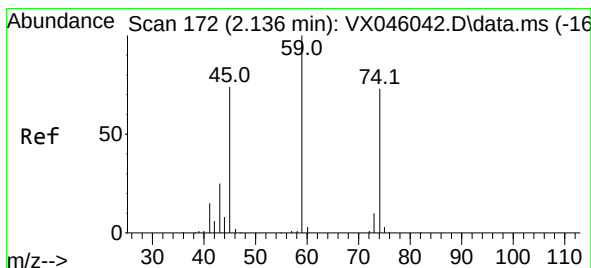
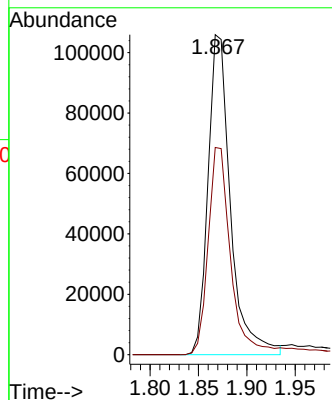
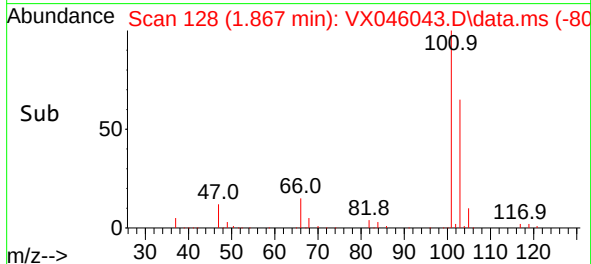
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:101 Resp: 17104
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.4

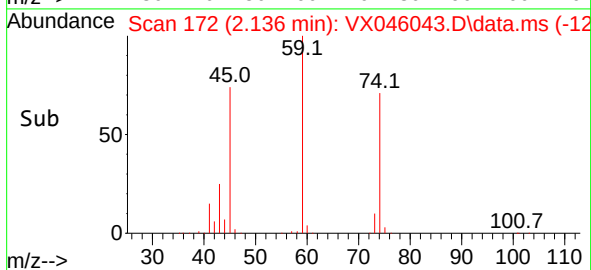
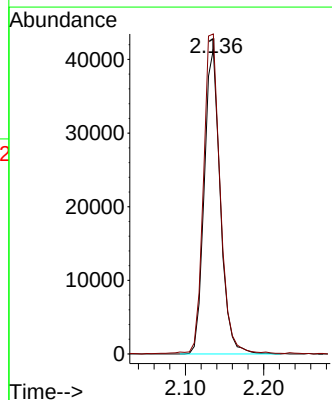
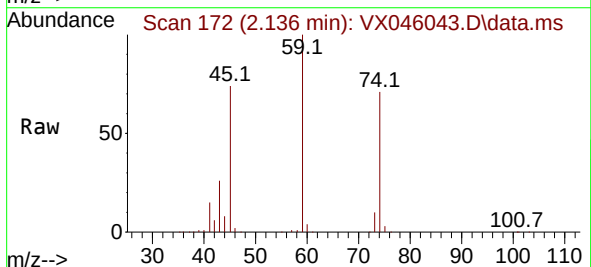
Manual Integrations
APPROVED

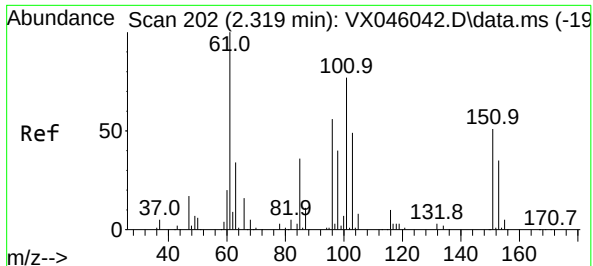
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#8
Diethyl Ether
Concen: 70.807 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 74 Resp: 58762
Ion Ratio Lower Upper
74 100
45 110.1 54.9 164.8





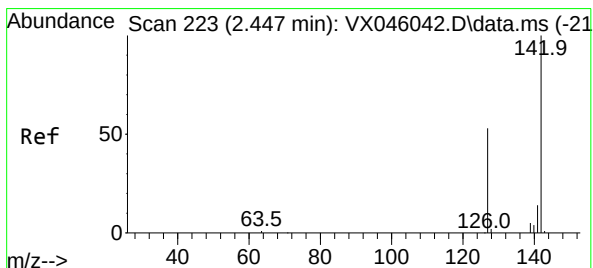
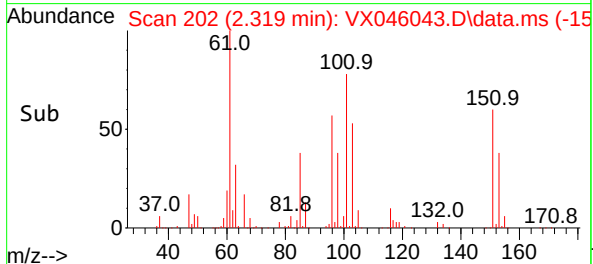
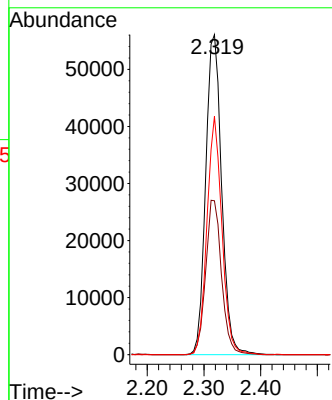
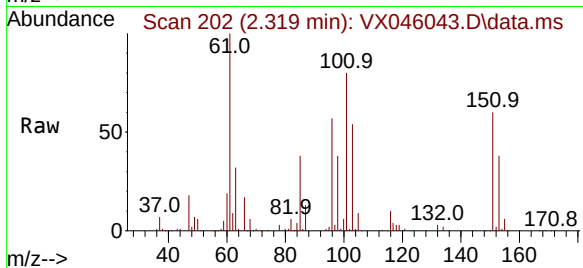
#9
1,1,2-Trichlorotrifluoroethane
Concen: 72.604 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 109520
Ion Ratio Lower Upper
101 100
85 48.1 38.6 58.0
151 69.9 55.2 82.8

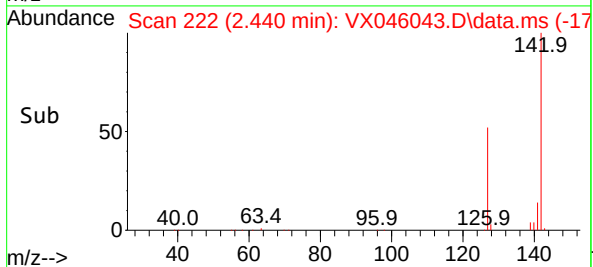
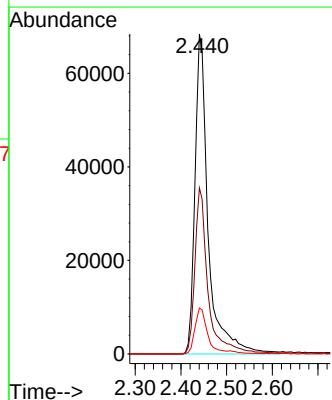
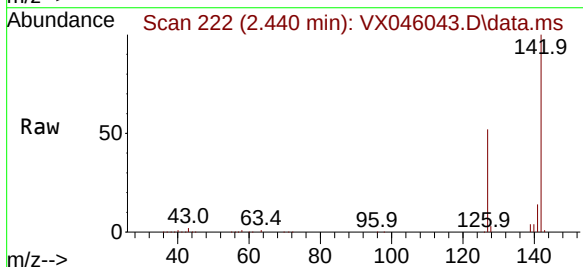
Manual Integrations
APPROVED

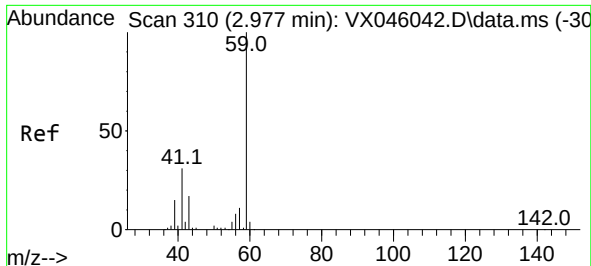
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#10
Methyl Iodide
Concen: 77.943 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:142 Resp: 138045
Ion Ratio Lower Upper
142 100
127 52.0 41.7 62.5
141 14.5 11.5 17.3





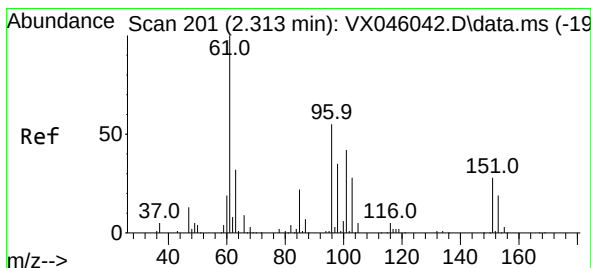
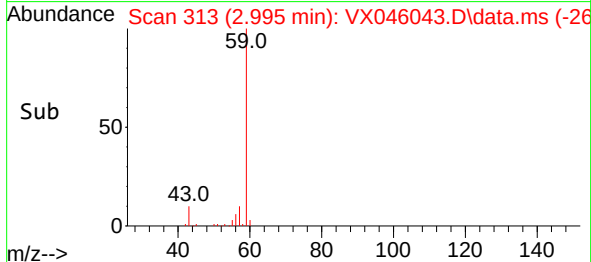
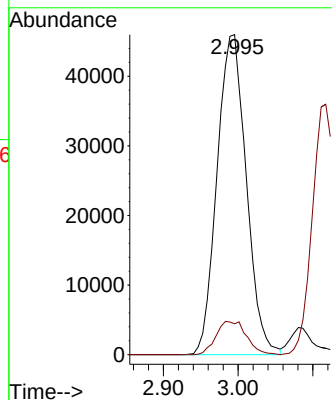
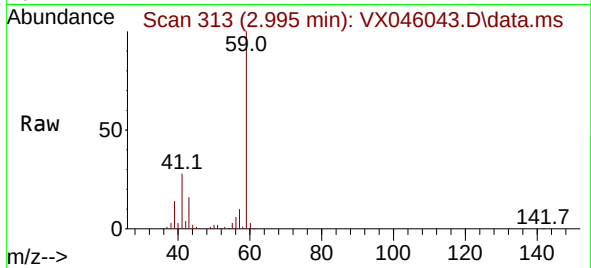
#11
Tert butyl alcohol
Concen: 405.394 ug/l
RT: 2.995 min Scan# 310
Delta R.T. 0.018 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 125094
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

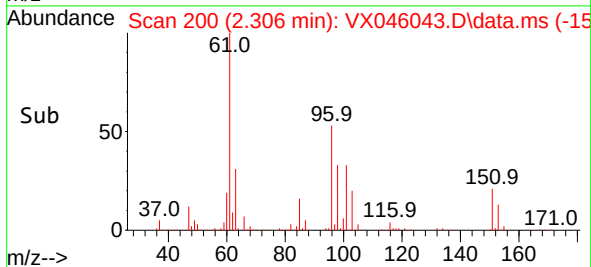
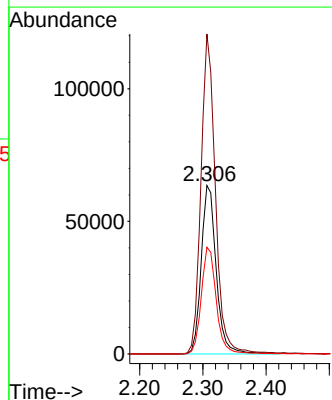
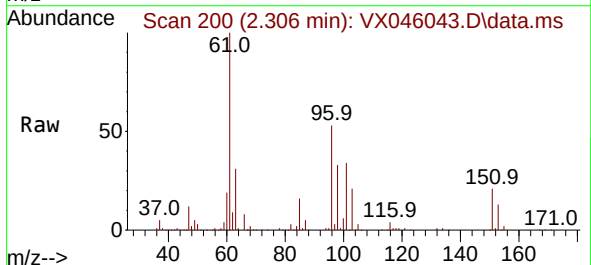
Manual Integrations
APPROVED

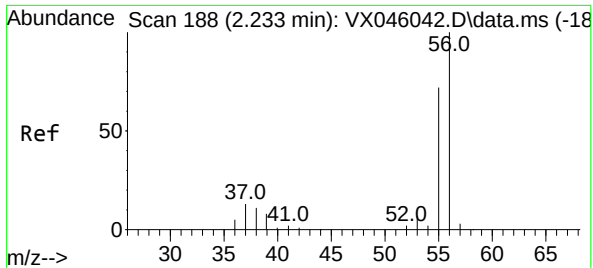
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#12
1,1-Dichloroethene
Concen: 71.884 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

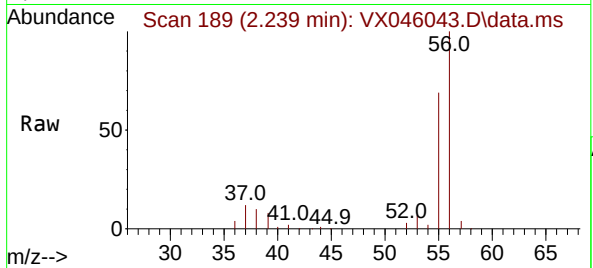
Tgt Ion: 96 Resp: 105566
Ion Ratio Lower Upper
96 100
61 189.9 146.2 219.2
98 63.3 51.0 76.6





#13
Acrolein
Concen: 375.132 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

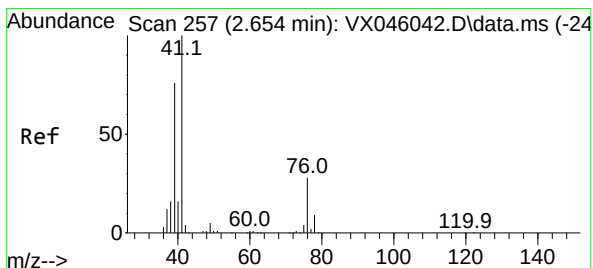
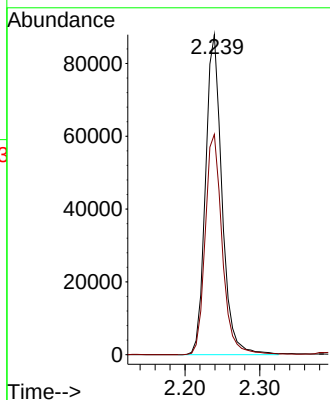
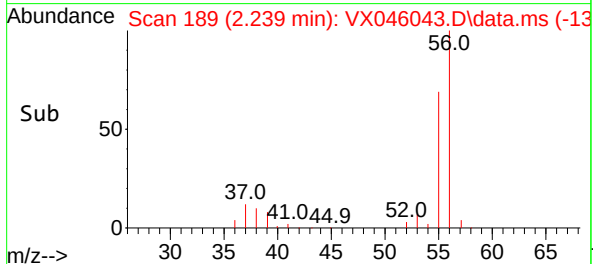
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 134450
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.4

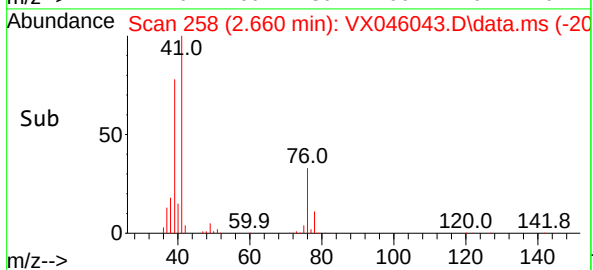
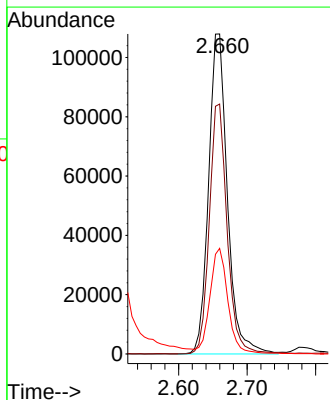
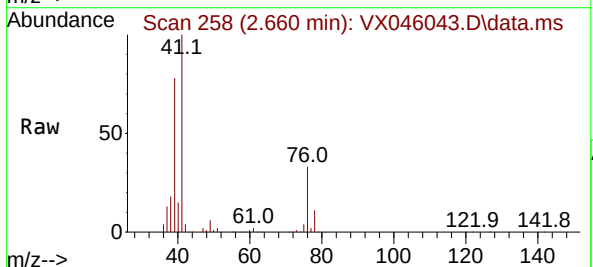
Manual Integrations
APPROVED

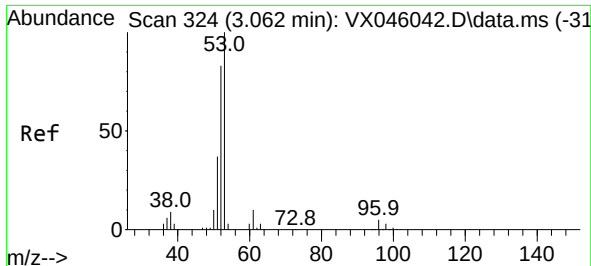
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#14
Allyl chloride
Concen: 74.419 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

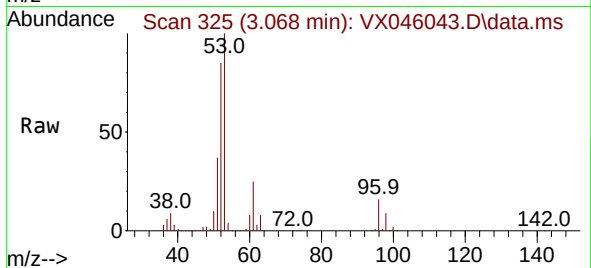
Tgt Ion: 41 Resp: 206519
Ion Ratio Lower Upper
41 100
39 73.8 60.6 90.8
76 31.4 24.9 37.3





#15
Acrylonitrile
Concen: 358.723 ug/l
RT: 3.068 min Scan# 3114
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

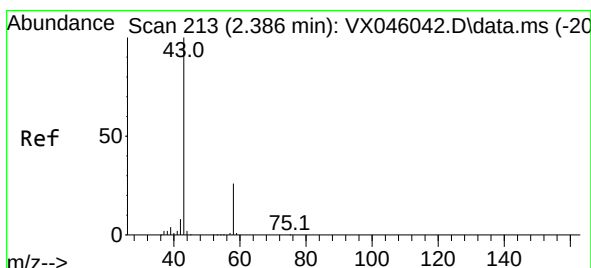
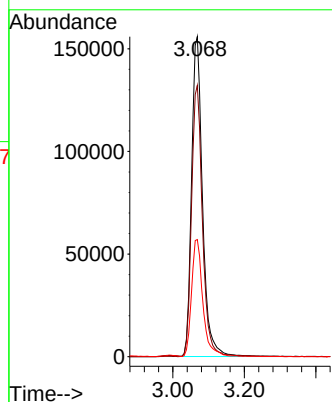
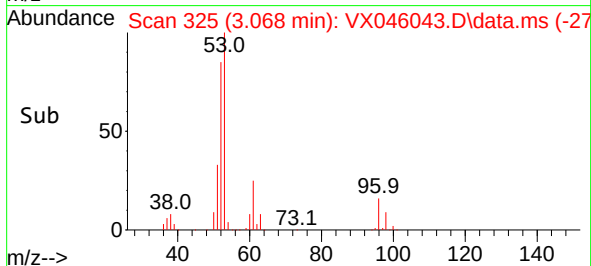
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 33114
Ion Ratio Lower Upper
53 100
52 84.7 65.3 97.9
51 37.9 29.8 44.8

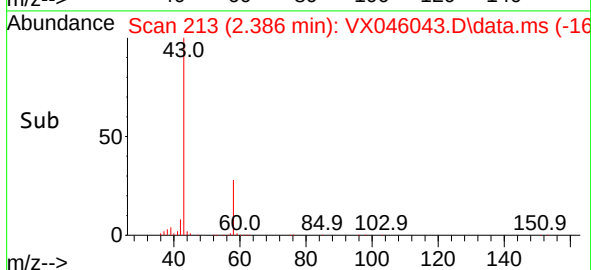
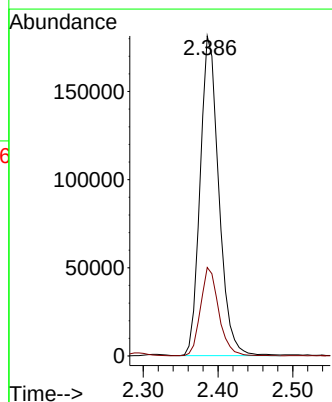
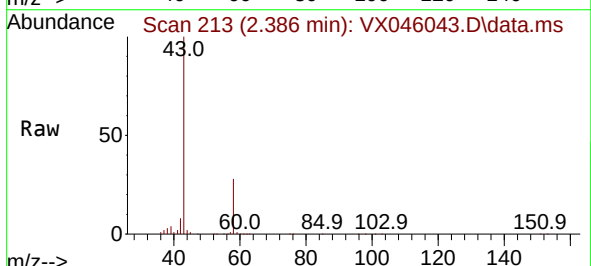
Manual Integrations
APPROVED

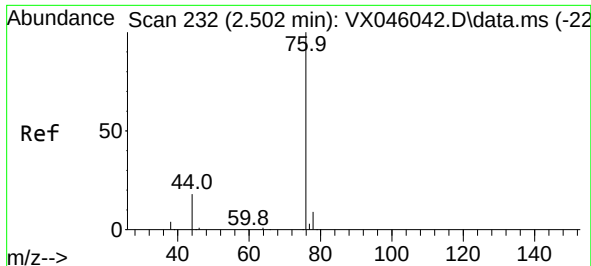
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#16
Acetone
Concen: 354.936 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

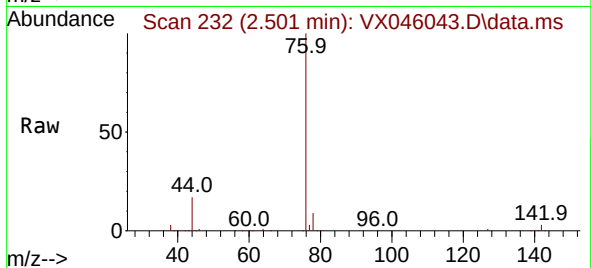
Tgt Ion: 43 Resp: 314383
Ion Ratio Lower Upper
43 100
58 27.6 21.2 31.8





#17
Carbon Disulfide
Concen: 77.867 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

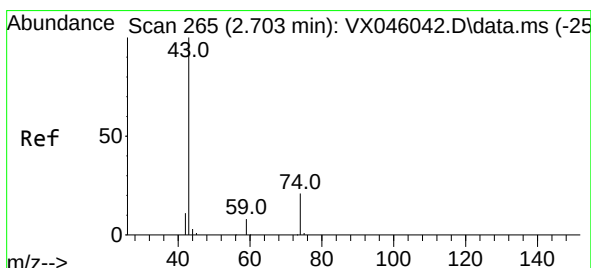
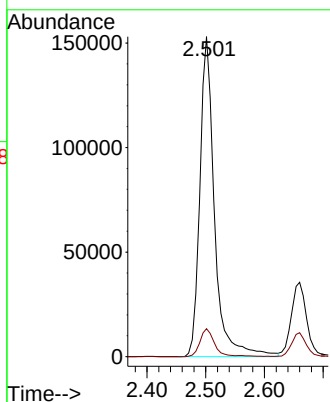
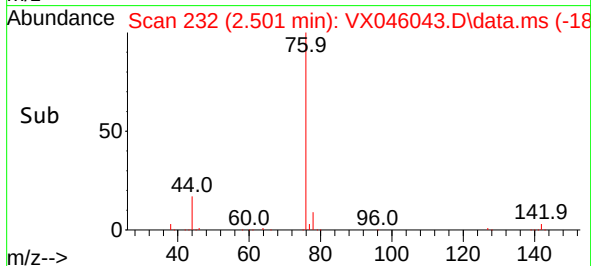
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 264950
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

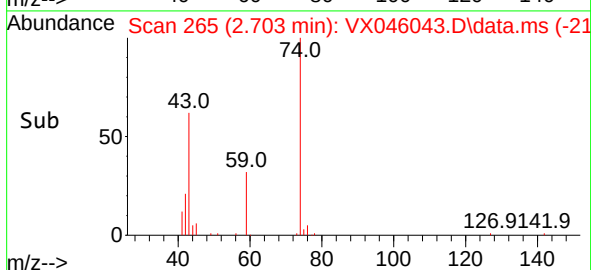
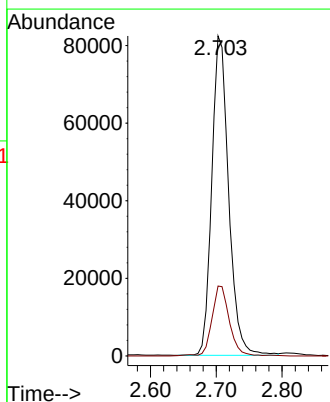
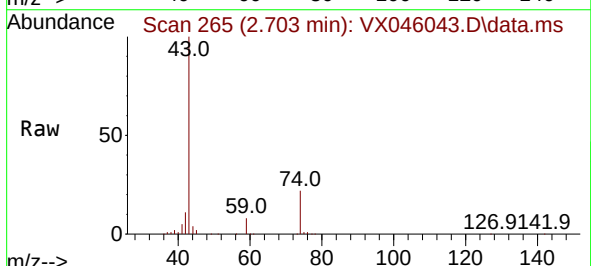
Manual Integrations
APPROVED

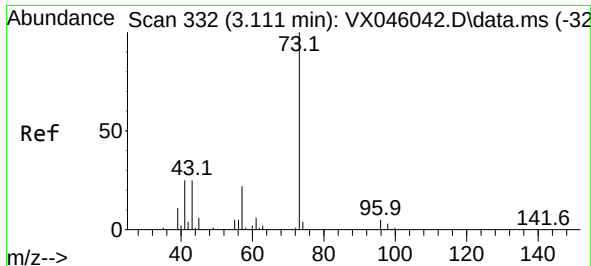
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#18
Methyl Acetate
Concen: 69.531 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 43 Resp: 147014
Ion Ratio Lower Upper
43 100
74 22.6 16.7 25.1





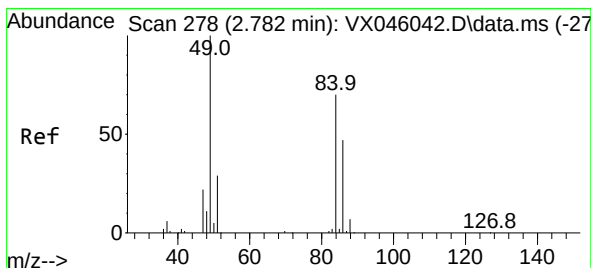
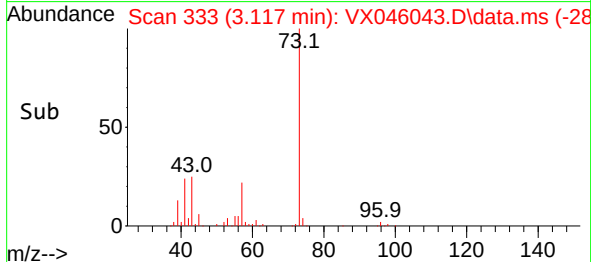
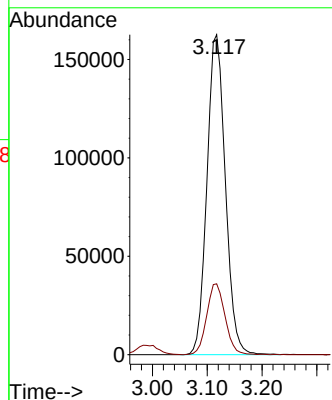
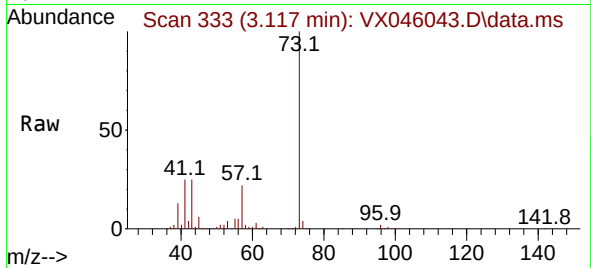
#19
Methyl tert-butyl Ether
Concen: 73.818 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 37811
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

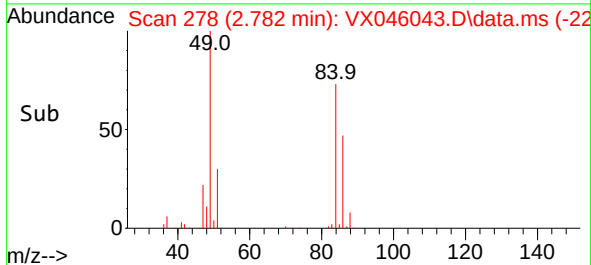
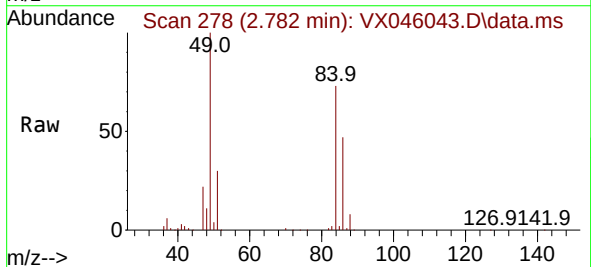
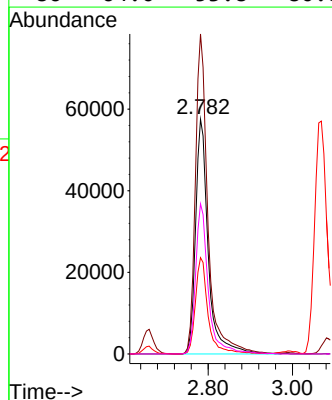
Manual Integrations
APPROVED

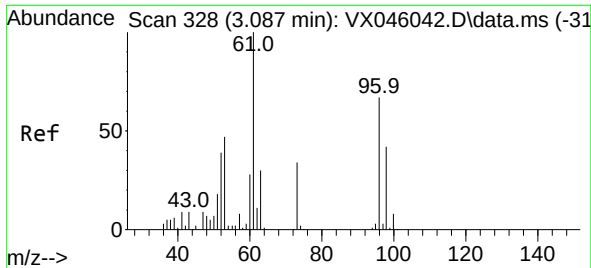
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#20
Methylene Chloride
Concen: 67.030 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

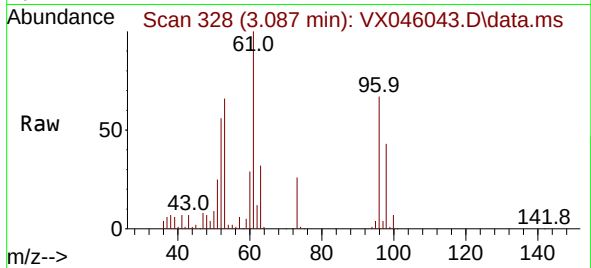
Tgt Ion: 84 Resp: 120270
Ion Ratio Lower Upper
84 100
49 136.4 113.9 170.9
51 41.1 33.5 50.3
86 64.0 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 71.109 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

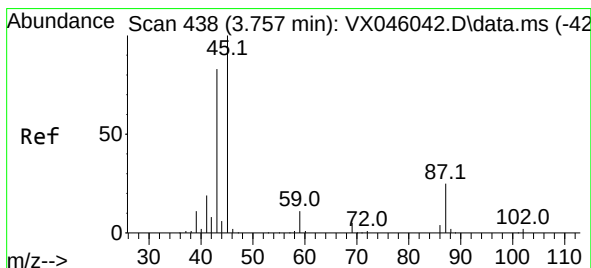
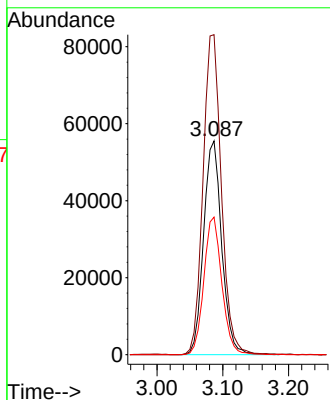
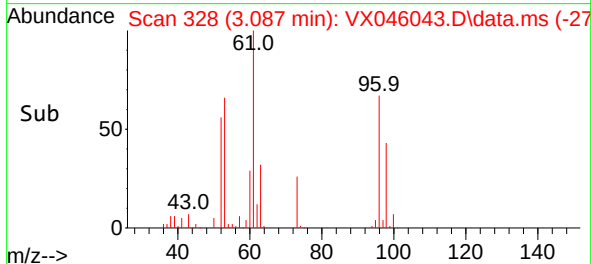
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



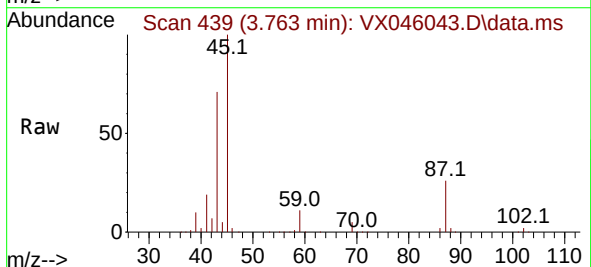
Tgt Ion: 96 Resp: 106600
Ion Ratio Lower Upper
96 100
61 149.7 119.5 179.3
98 64.4 50.0 75.0

Manual Integrations
APPROVED

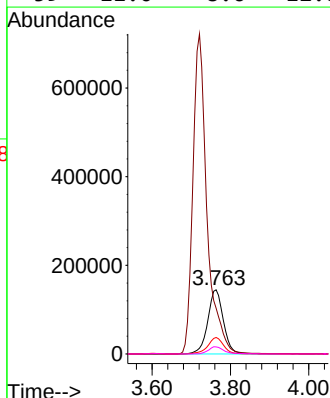
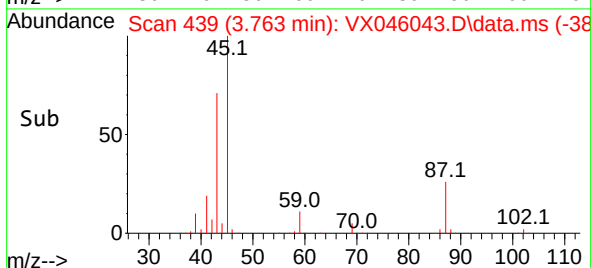
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

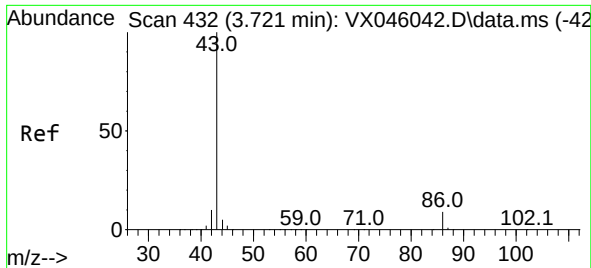


#22
Diisopropyl ether
Concen: 77.048 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21



Tgt Ion: 45 Resp: 399494
Ion Ratio Lower Upper
45 100
43 71.2 66.6 100.0
87 25.7 19.8 29.6
59 11.0 8.6 12.8





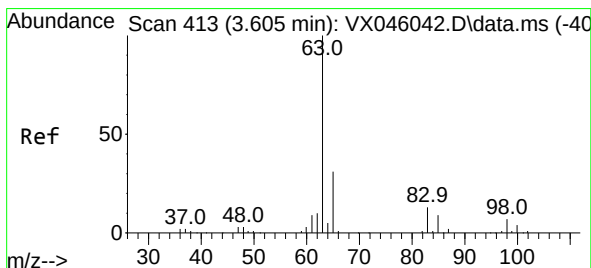
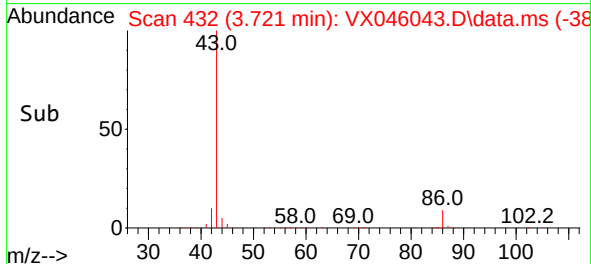
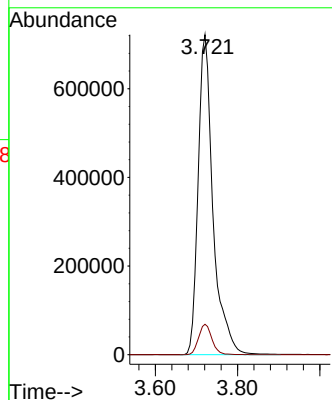
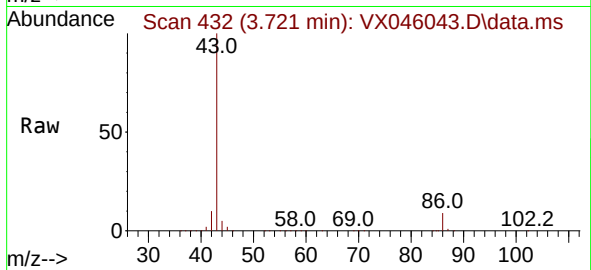
#23
 Vinyl Acetate
 Concen: 395.363 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX046043.D
 Acq: 05 May 2025 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 1811550
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

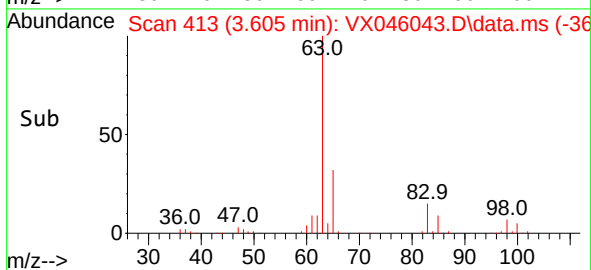
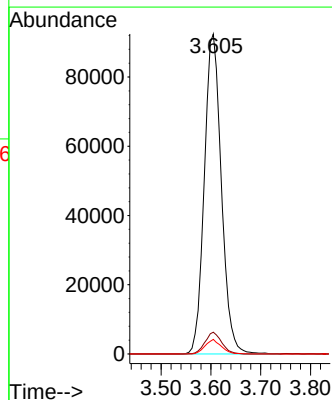
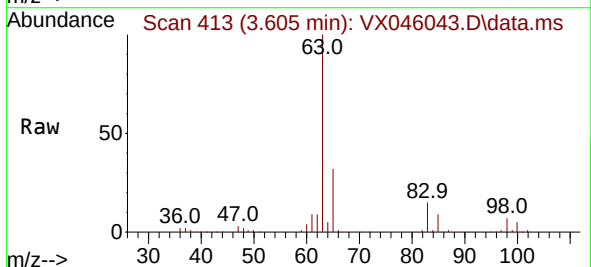
Manual Integrations
 APPROVED

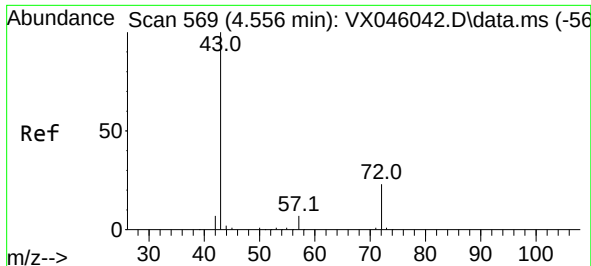
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#24
 1,1-Dichloroethane
 Concen: 72.114 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046043.D
 Acq: 05 May 2025 12:21

Tgt Ion: 63 Resp: 219759
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.5 2.1 6.3





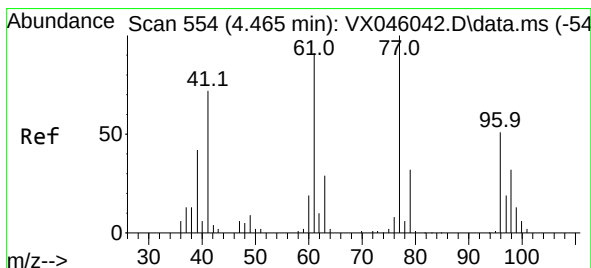
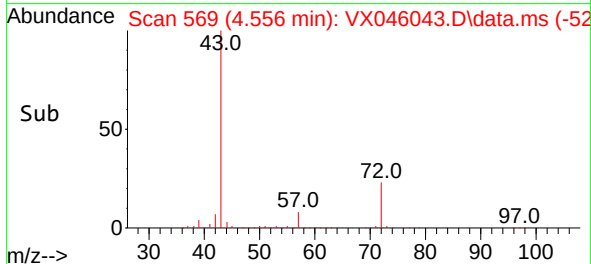
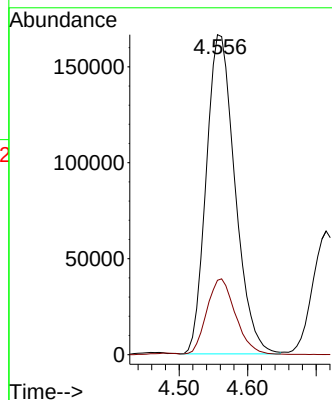
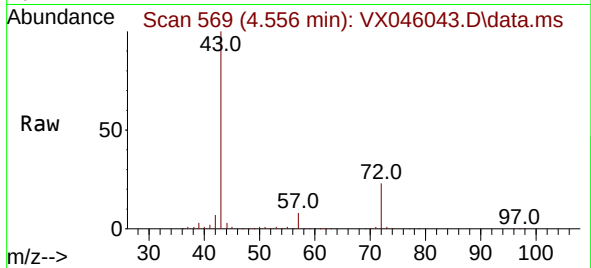
#25
2-Butanone
Concen: 379.704 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 485448
Ion Ratio Lower Upper
43 100
72 23.1 18.4 27.6

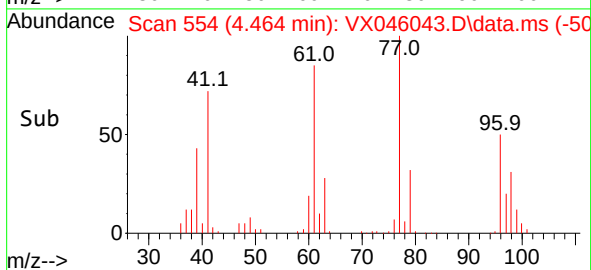
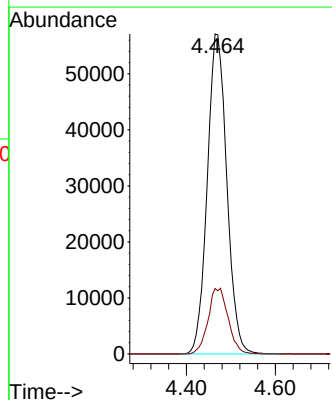
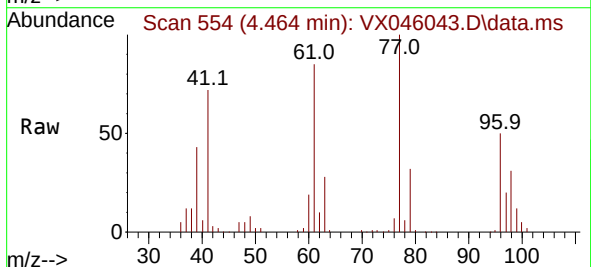
Manual Integrations
APPROVED

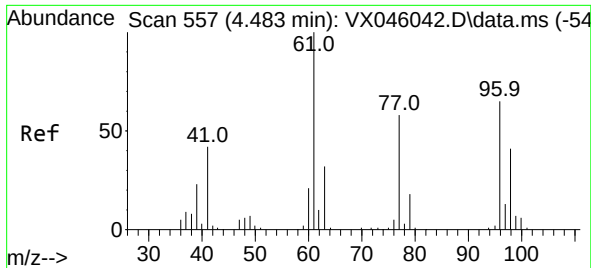
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#26
2,2-Dichloropropane
Concen: 75.621 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 77 Resp: 174579
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 71.056 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX046043.D
 Acq: 05 May 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

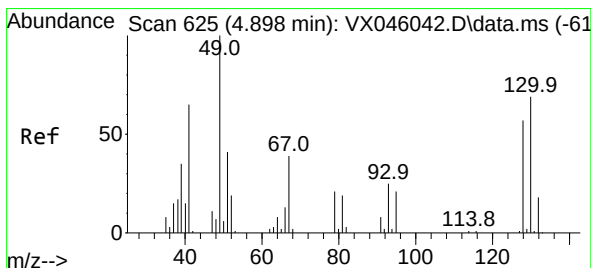
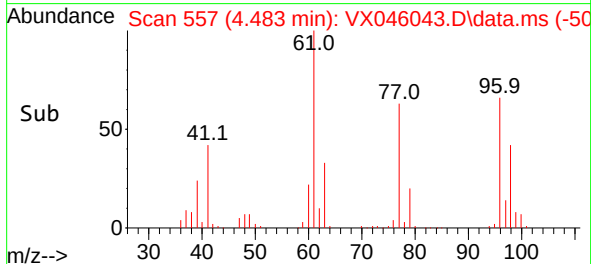
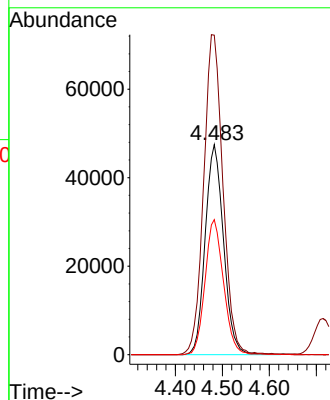
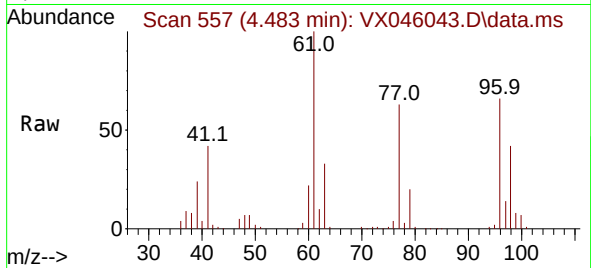
VSTDIC100

Tgt Ion: 96 Resp: 128454
 Ion Ratio Lower Upper
 96 100
 61 160.1 0.0 322.8
 98 64.9 0.0 129.0

Manual Integrations

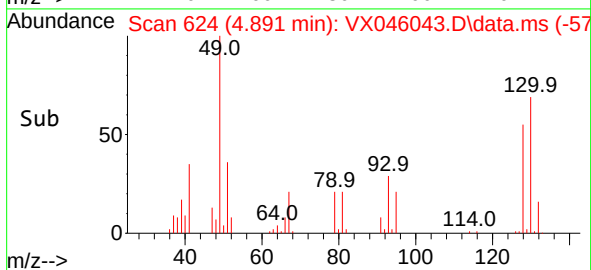
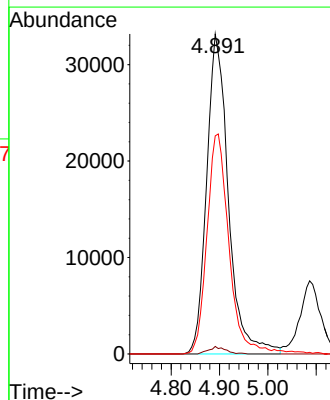
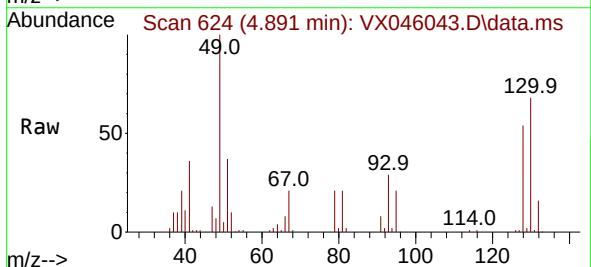
APPROVED

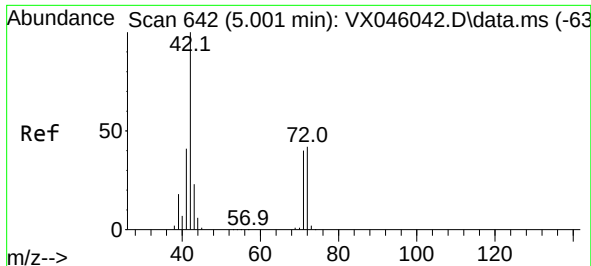
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#28
 Bromochloromethane
 Concen: 63.932 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX046043.D
 Acq: 05 May 2025 12:21

Tgt Ion: 49 Resp: 103602
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 70.1 56.2 84.2





#29

Tetrahydrofuran

Concen: 368.234 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 30575

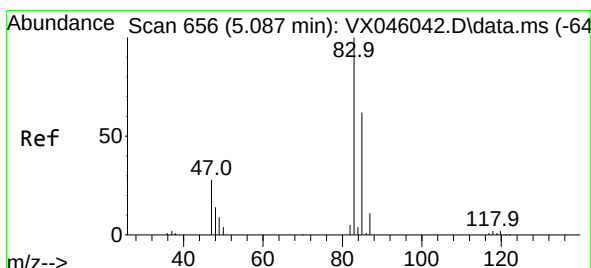
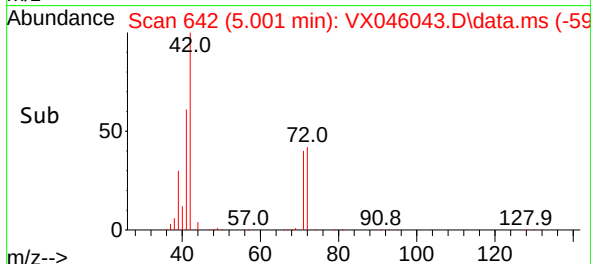
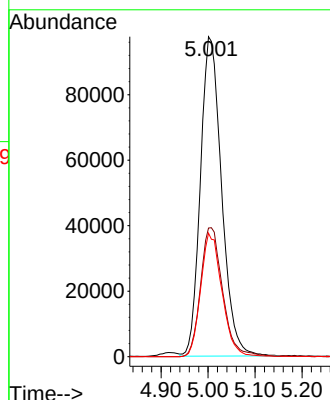
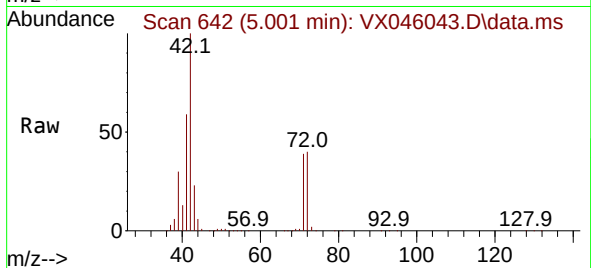
Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.7	50.5
71	38.7	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#30

Chloroform

Concen: 70.180 ug/l

RT: 5.086 min Scan# 656

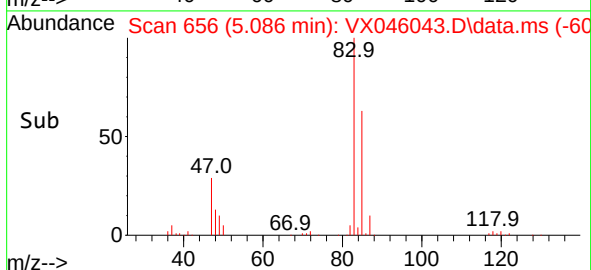
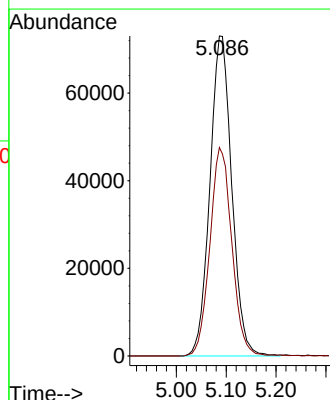
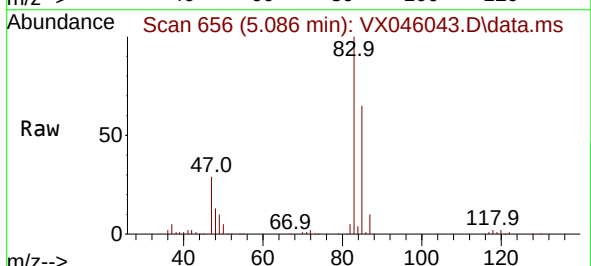
Delta R.T. -0.000 min

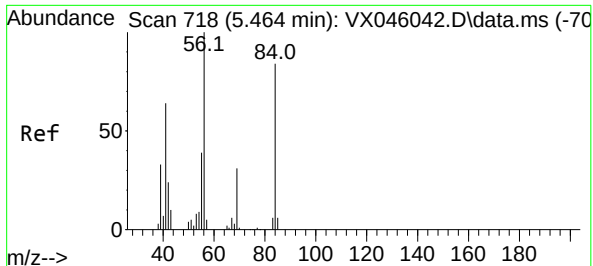
Lab File: VX046043.D

Acq: 05 May 2025 12:21

Tgt Ion: 83 Resp: 222253

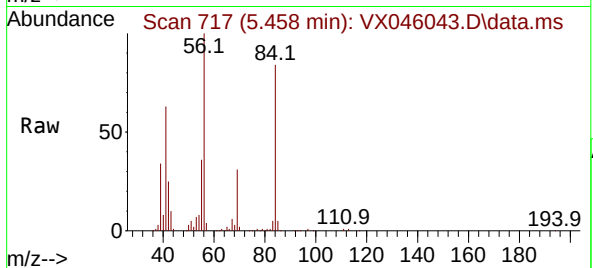
Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.3	73.9





#31
Cyclohexane
Concen: 76.428 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

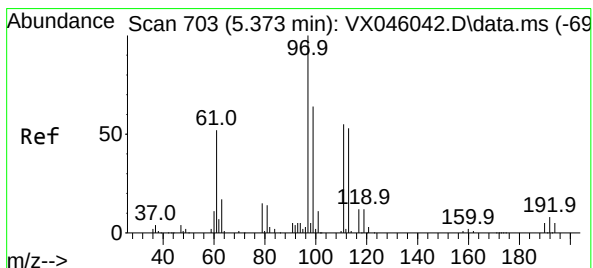
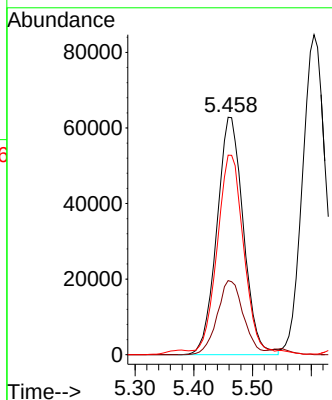
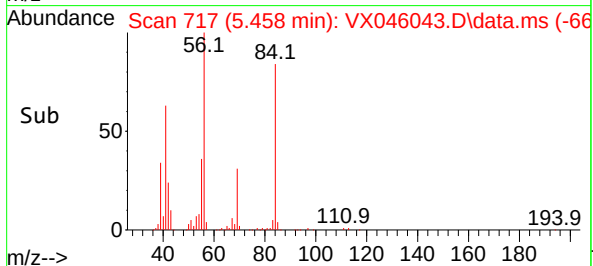
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 196302
Ion Ratio Lower Upper
56 100
69 31.2 24.4 36.6
84 82.3 66.9 100.3

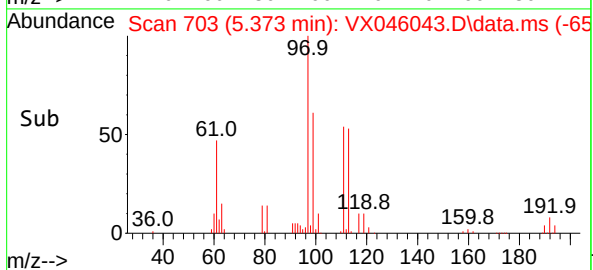
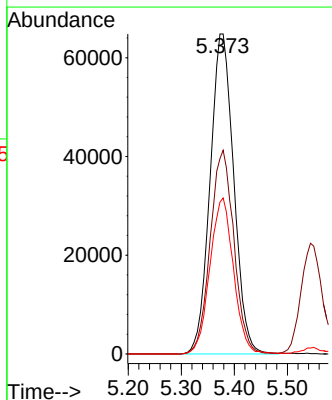
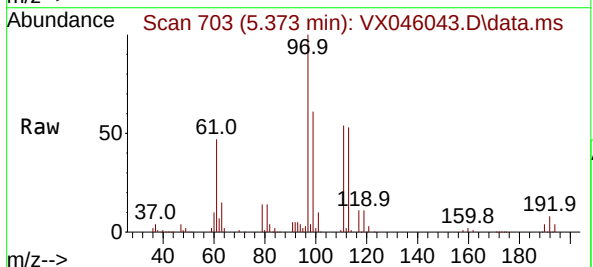
Manual Integrations
APPROVED

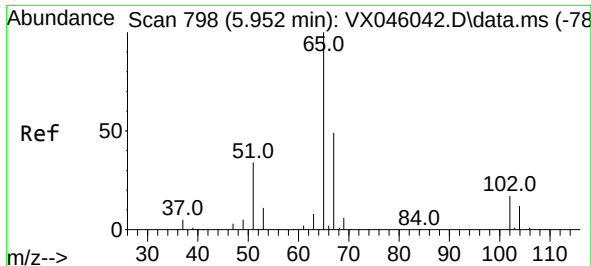
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#32
1,1,1-Trichloroethane
Concen: 73.635 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 97 Resp: 201112
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 48.7 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 62.526 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 16187

Ion Ratio Lower Upper

65 100

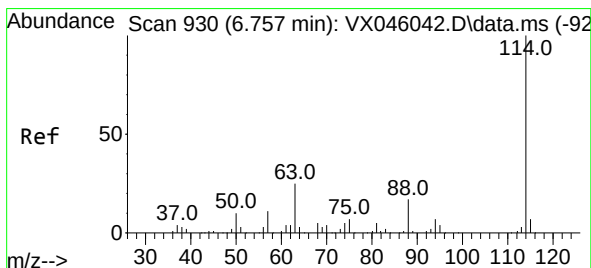
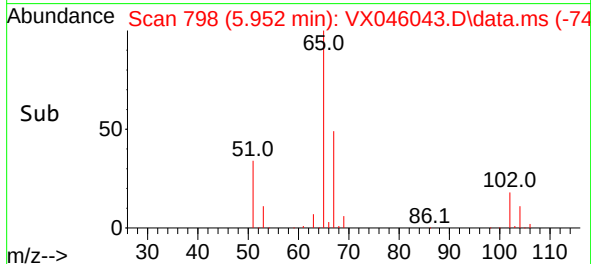
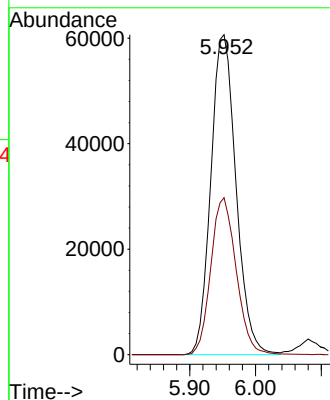
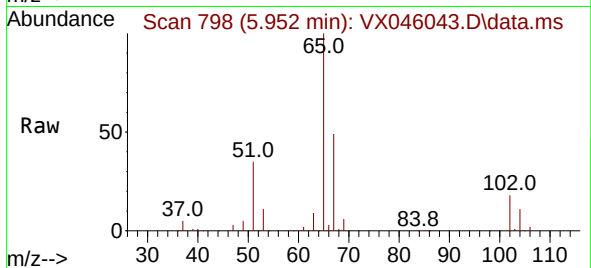
67 49.5 0.0 99.0

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: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

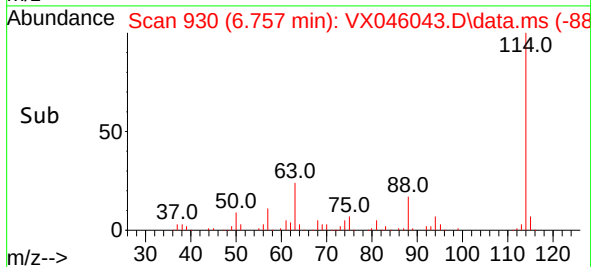
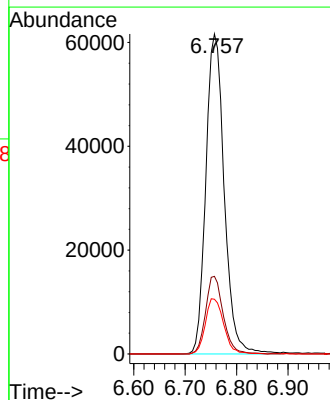
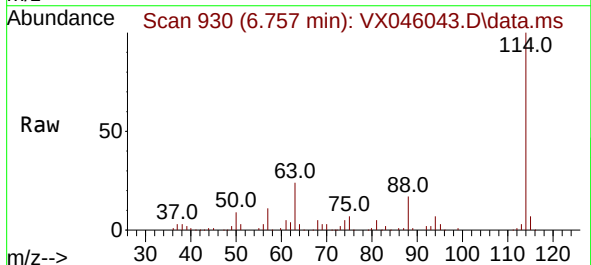
Tgt Ion:114 Resp: 152958

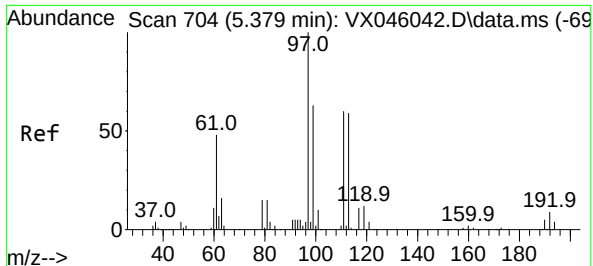
Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

88 17.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 65.006 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 11145

Ion Ratio Lower Upper

113 100

111 101.7 83.1 124.7

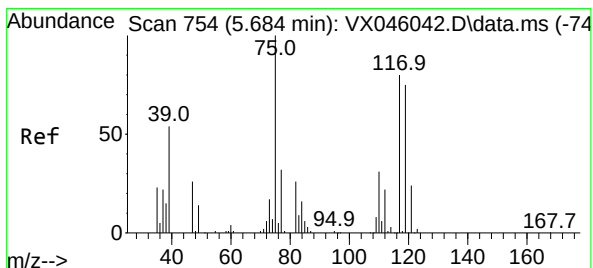
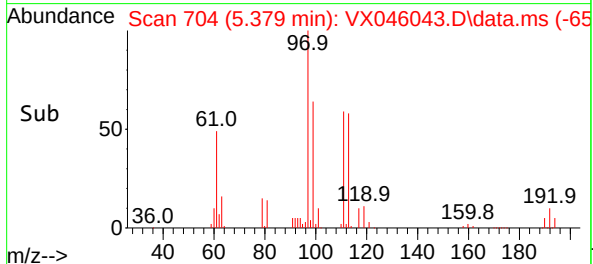
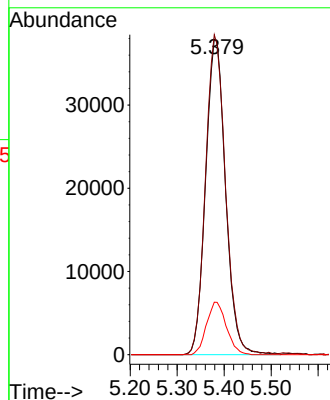
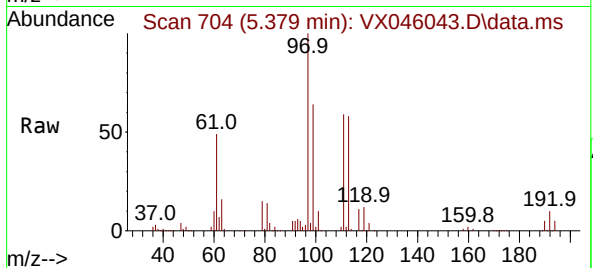
192 16.6 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#36

1,1-Dichloropropene

Concen: 74.285 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

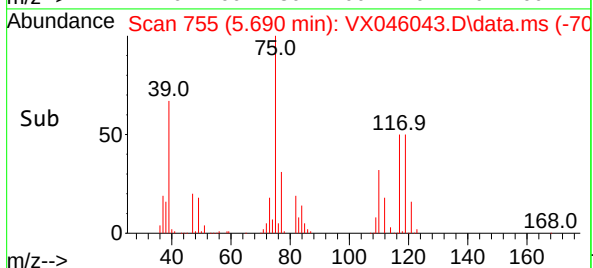
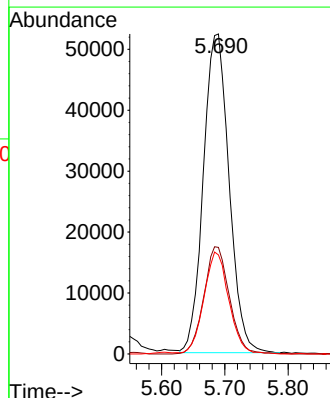
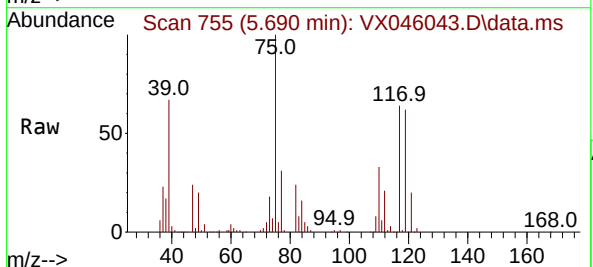
Tgt Ion: 75 Resp: 147873

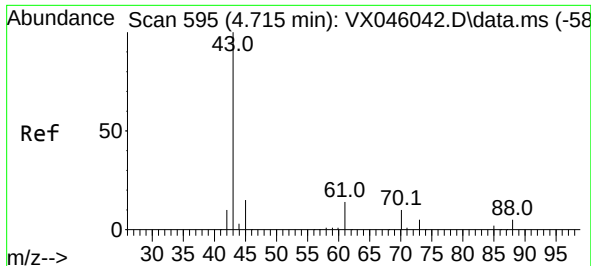
Ion Ratio Lower Upper

75 100

110 33.5 16.3 48.9

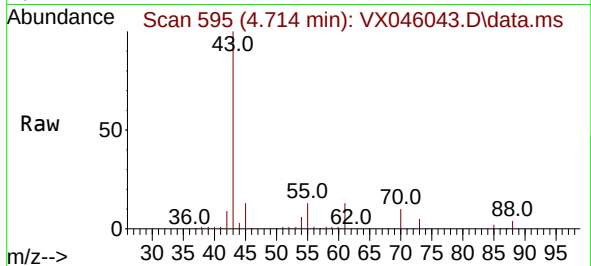
77 31.1 24.3 36.5





#37
Ethyl Acetate
Concen: 74.565 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

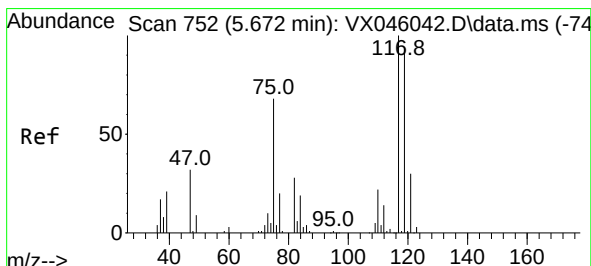
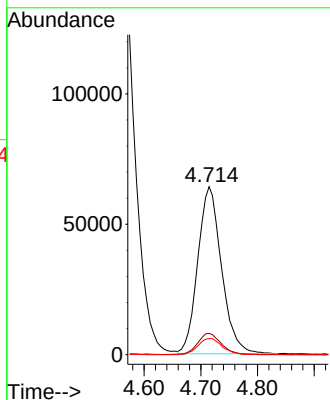
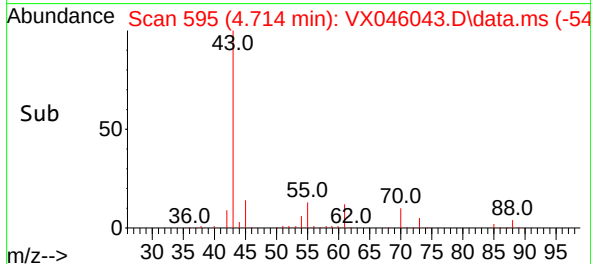
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 186215
Ion Ratio Lower Upper
43 100
61 12.4 10.3 15.5
70 9.9 7.9 11.9

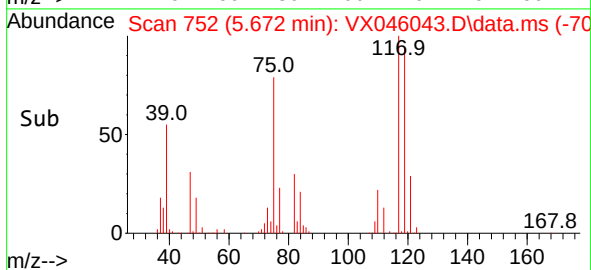
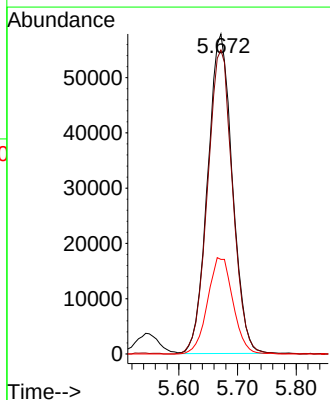
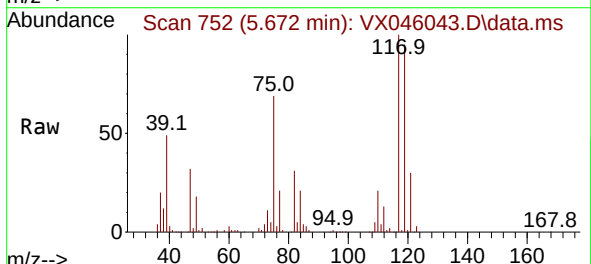
Manual Integrations
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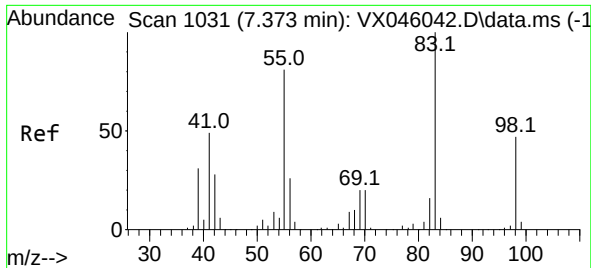
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#38
Carbon Tetrachloride
Concen: 73.875 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:117 Resp: 168946
Ion Ratio Lower Upper
117 100
119 95.0 75.2 112.8
121 29.6 24.2 36.4





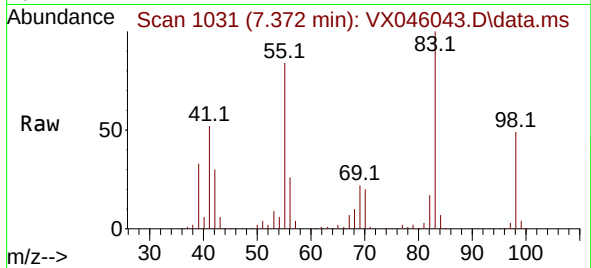
#39
Methylcyclohexane
Concen: 76.952 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



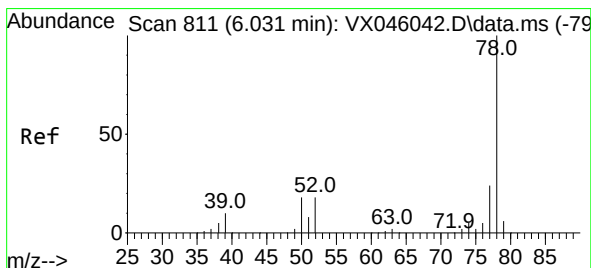
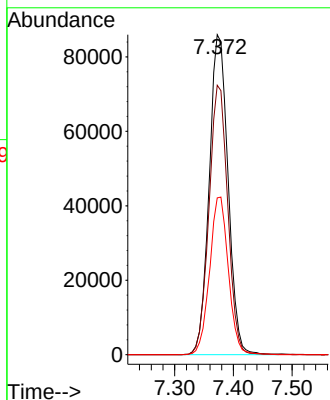
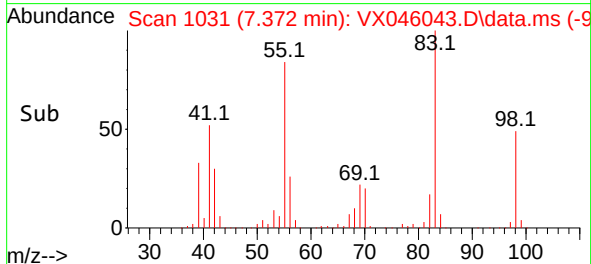
Tgt Ion: 83 Resp: 19194
Ion Ratio Lower Upper
83 100
55 84.2 64.7 97.1
98 49.0 37.4 56.2

Manual Integrations

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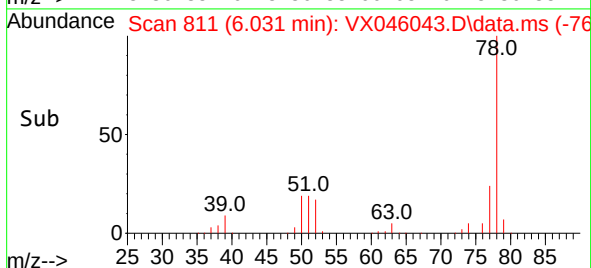
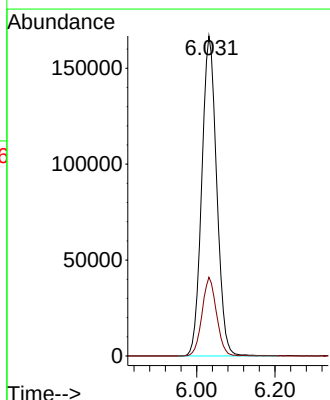
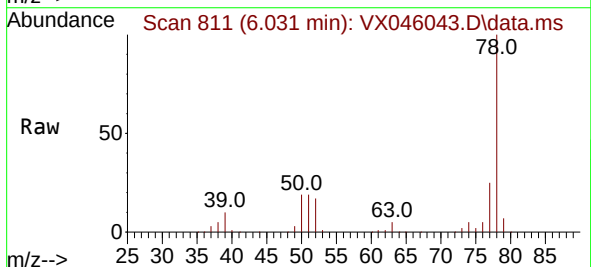
Reviewed By :John Carlone 05/06/2025

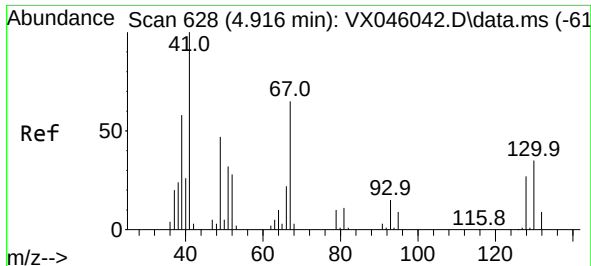
Supervised By :Mahesh Dadoda 05/06/2025



#40
Benzene
Concen: 71.457 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

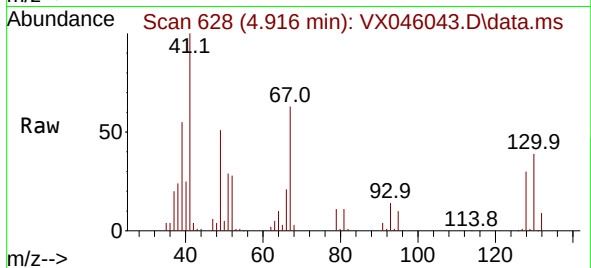
Tgt Ion: 78 Resp: 440885
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4





#41
Methacrylonitrile
Concen: 75.574 ug/l
RT: 4.916 min Scan# 612
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

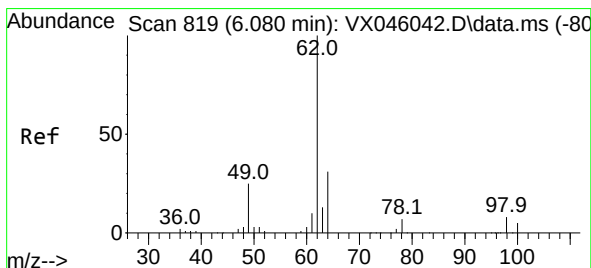
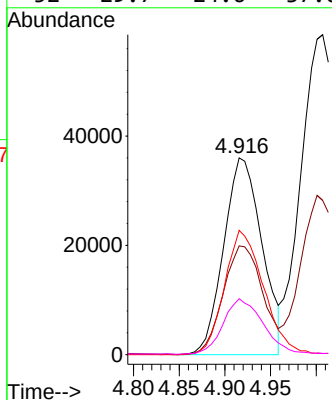
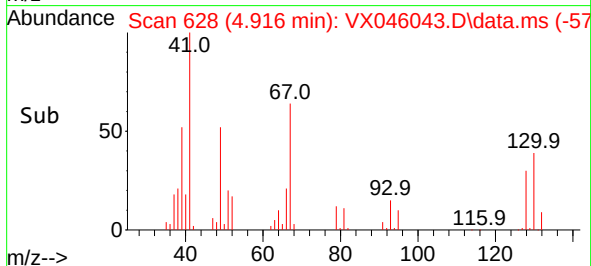
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 10486
Ion Ratio Lower Upper
41 100
39 57.0 47.2 70.8
67 64.6 50.7 76.1
52 29.7 24.6 37.0

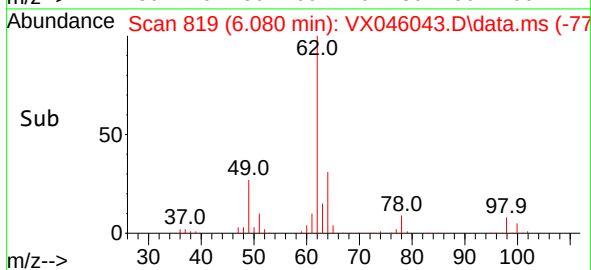
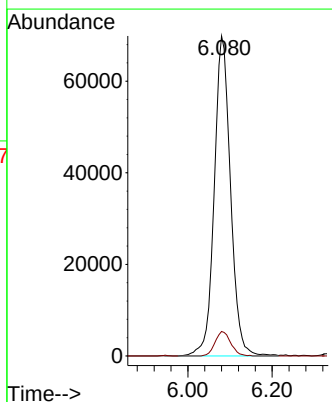
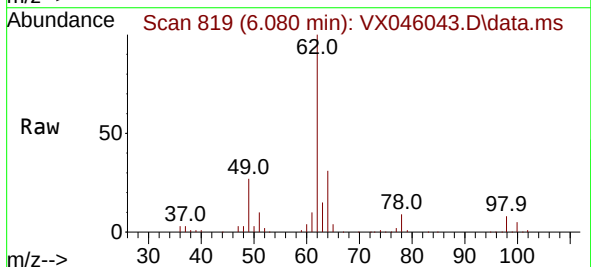
Manual Integrations
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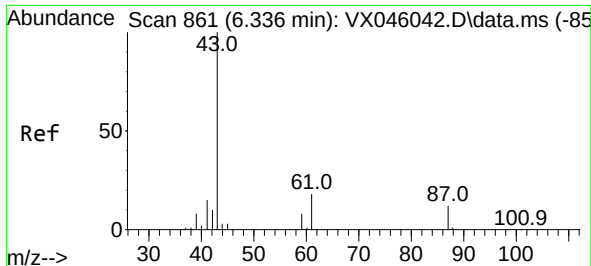
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#42
1,2-Dichloroethane
Concen: 73.318 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

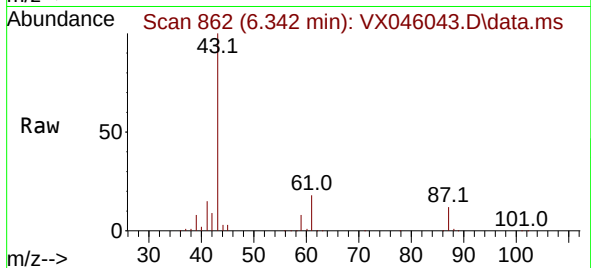
Tgt Ion: 62 Resp: 187036
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 78.714 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

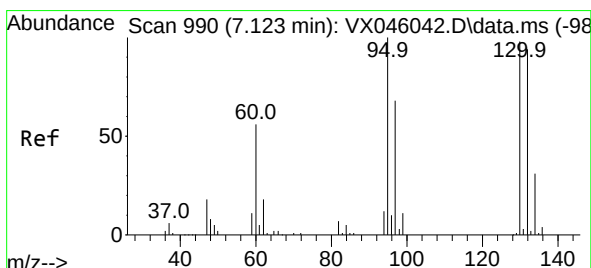
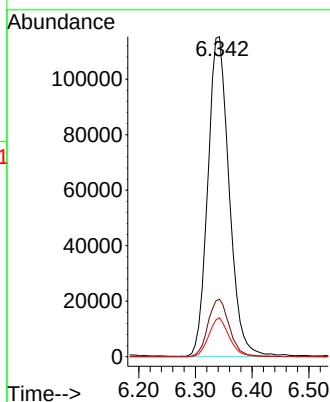
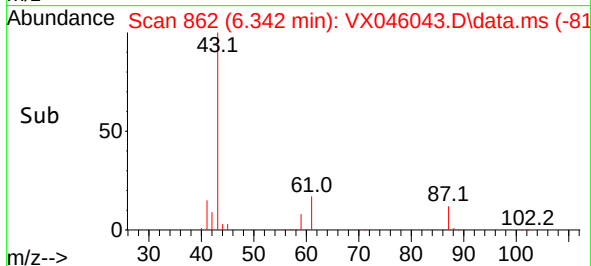
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 30049
Ion Ratio Lower Upper
43 100
61 18.0 14.3 21.5
87 11.6 9.5 14.3

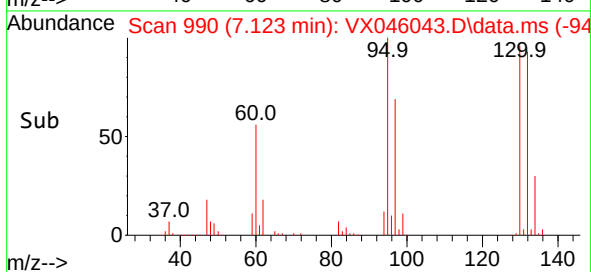
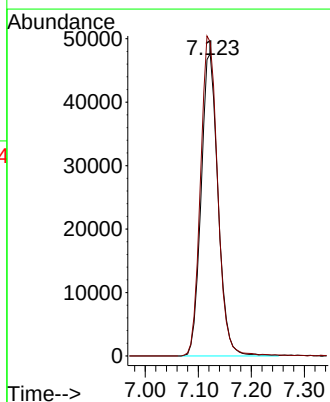
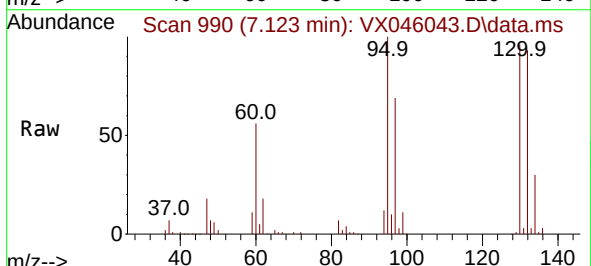
Manual Integrations
APPROVED

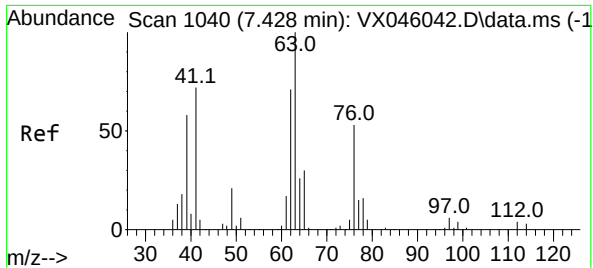
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#44
Trichloroethene
Concen: 72.420 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:130 Resp: 105628
Ion Ratio Lower Upper
130 100
95 103.8 0.0 204.2





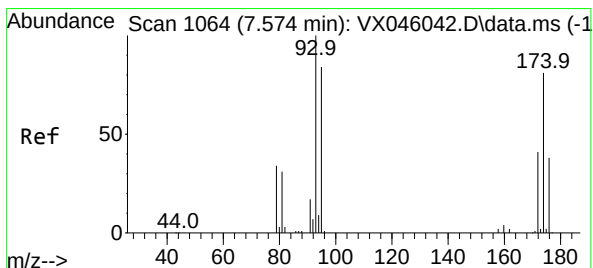
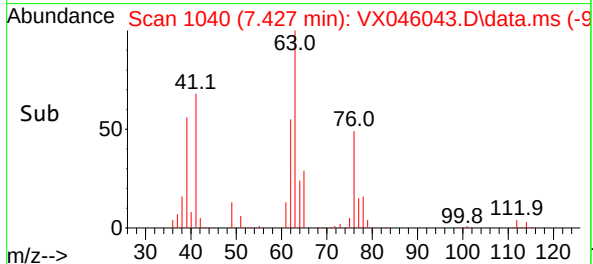
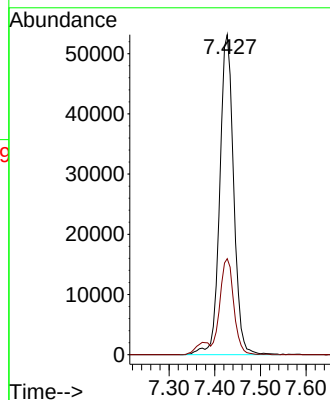
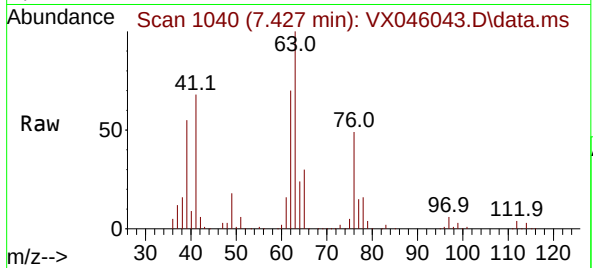
#45
1,2-Dichloropropane
Concen: 73.420 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 112554
Ion Ratio Lower Upper
63 100
65 30.0 24.1 36.1

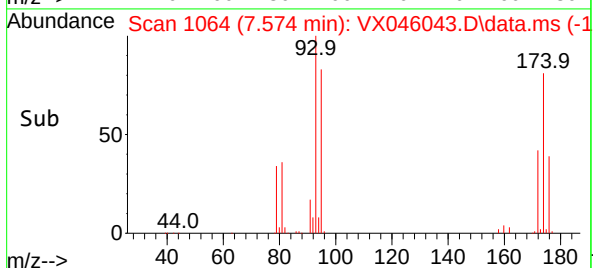
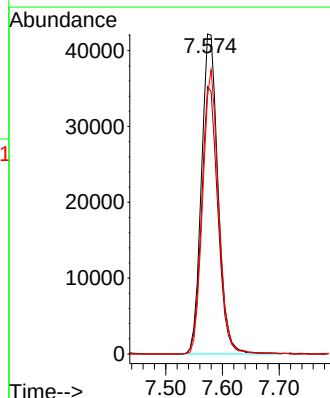
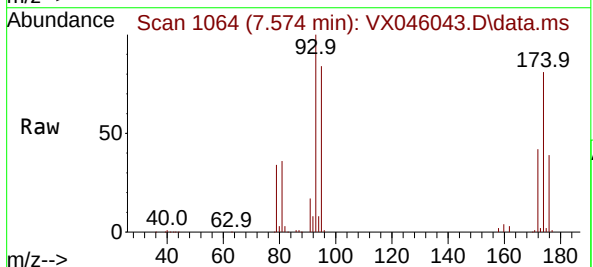
Manual Integrations
APPROVED

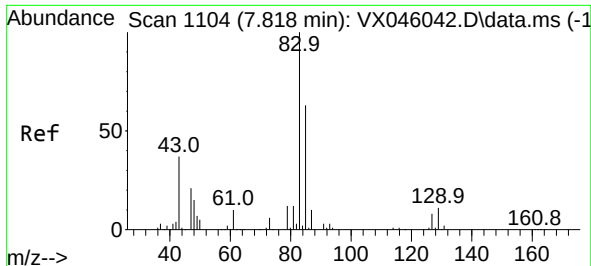
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#46
Dibromomethane
Concen: 70.938 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 93 Resp: 85728
Ion Ratio Lower Upper
93 100
95 82.4 65.6 98.4
174 85.0 68.2 102.2





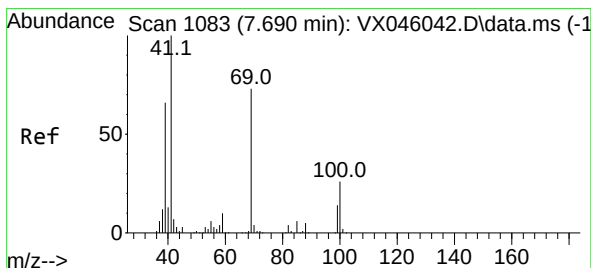
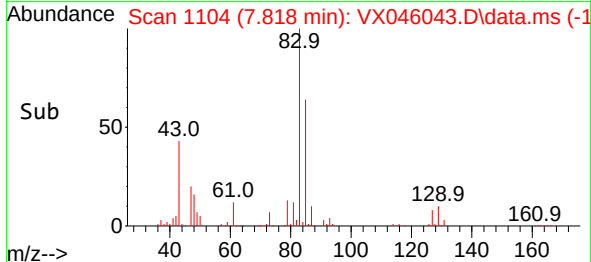
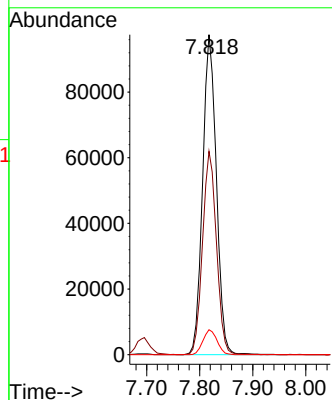
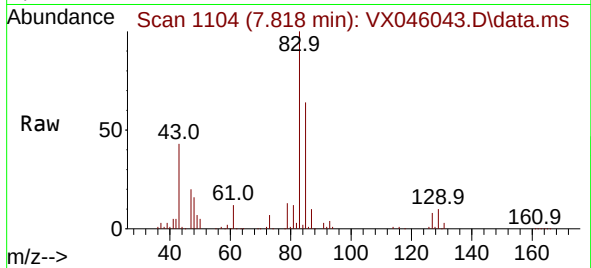
#47
Bromodichloromethane
Concen: 74.845 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 17530
Ion Ratio Lower Upper
83 100
85 63.6 50.5 75.7
127 7.8 6.5 9.7

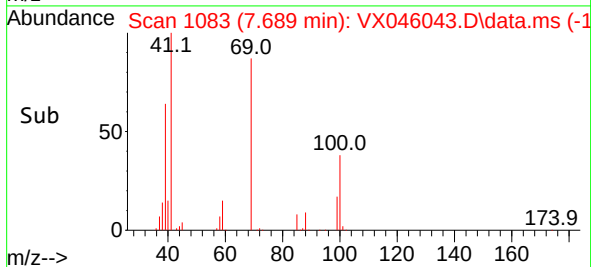
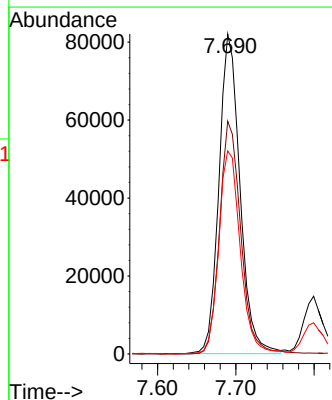
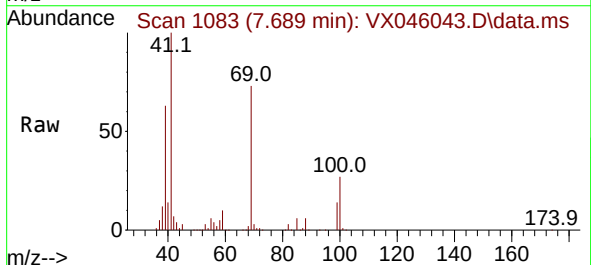
Manual Integrations
APPROVED

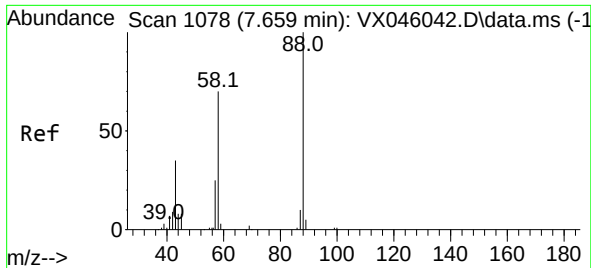
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#48
Methyl methacrylate
Concen: 78.101 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

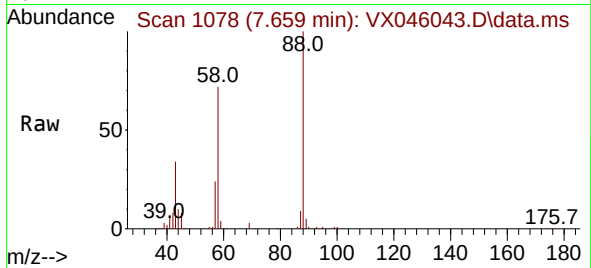
Tgt Ion: 41 Resp: 153093
Ion Ratio Lower Upper
41 100
69 74.1 58.5 87.7
39 65.5 51.7 77.5





#49
1,4-Dioxane
Concen: 1470.687 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

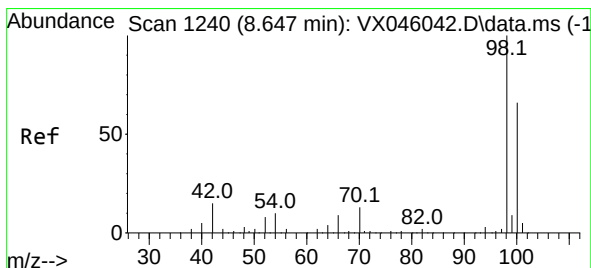
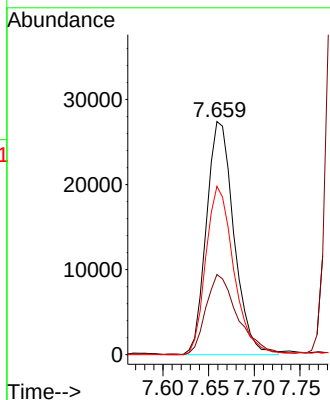
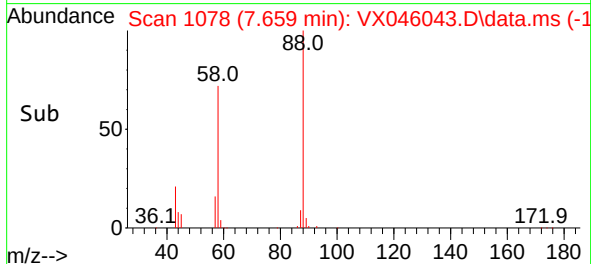
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 5731
Ion Ratio Lower Upper
88 100
43 40.1 33.4 50.2
58 73.3 58.6 88.0

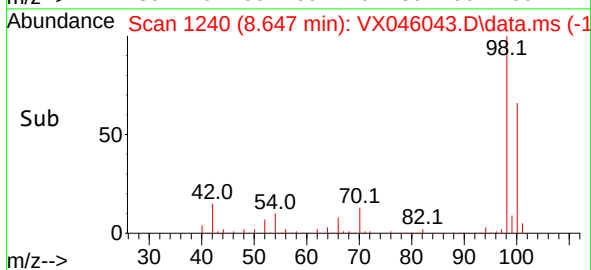
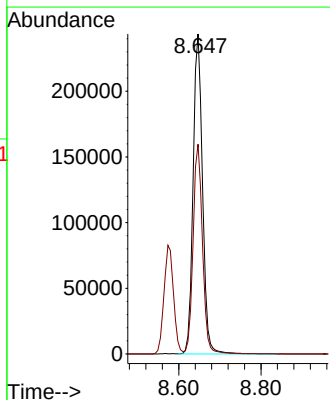
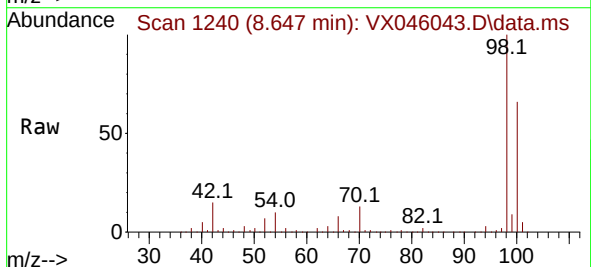
Manual Integrations
APPROVED

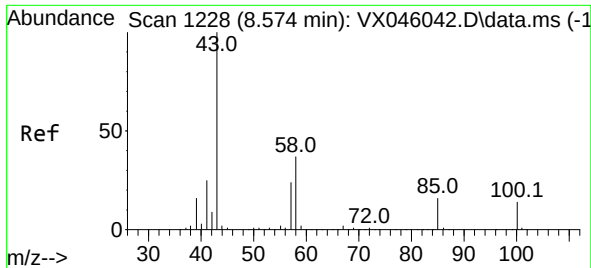
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#50
Toluene-d8
Concen: 67.031 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

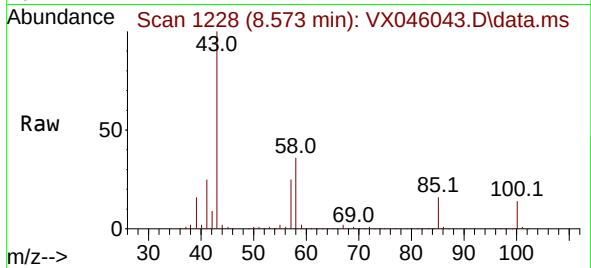
Tgt Ion: 98 Resp: 387230
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 384.740 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

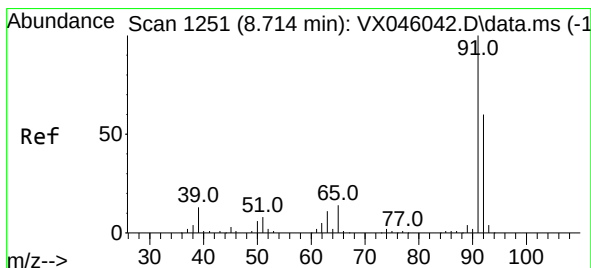
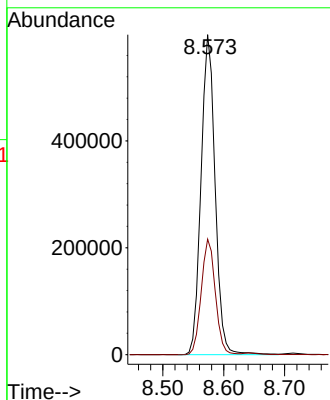
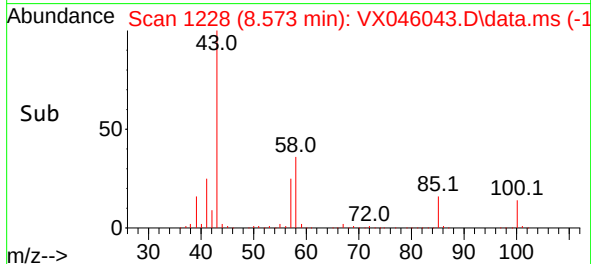
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 963319
Ion Ratio Lower Upper
43 100
58 36.1 28.9 43.3

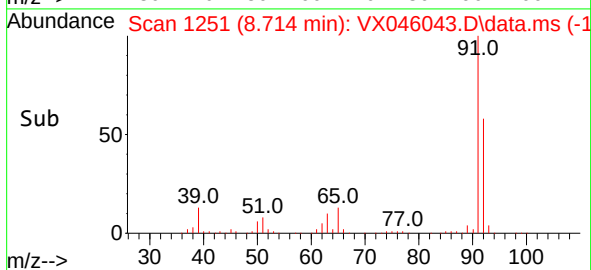
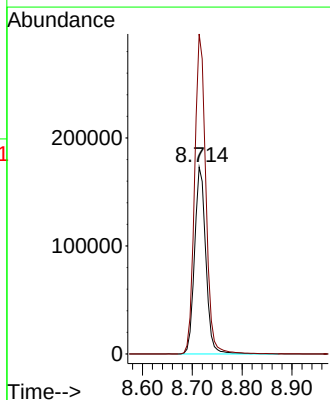
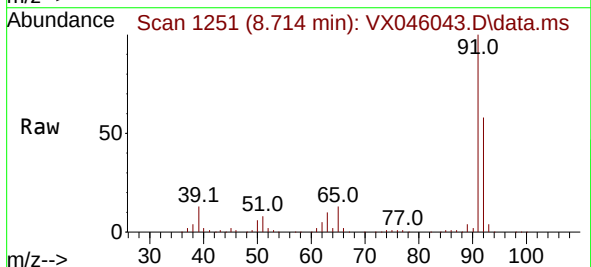
Manual Integrations
APPROVED

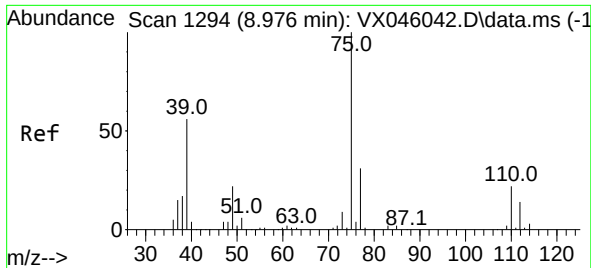
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#52
Toluene
Concen: 74.010 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 92 Resp: 270763
Ion Ratio Lower Upper
92 100
91 171.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 86.372 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 16986

Ion Ratio Lower Upper

75 100

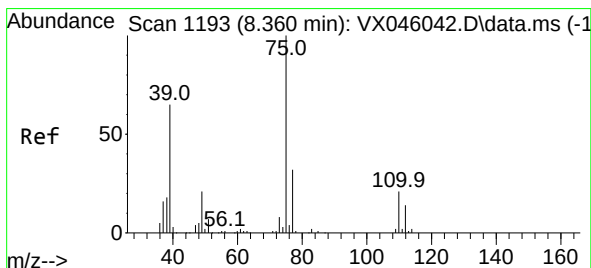
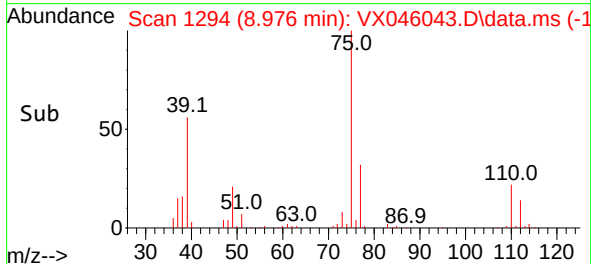
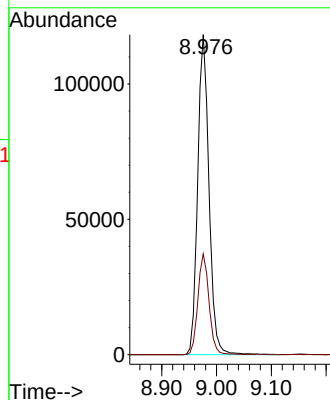
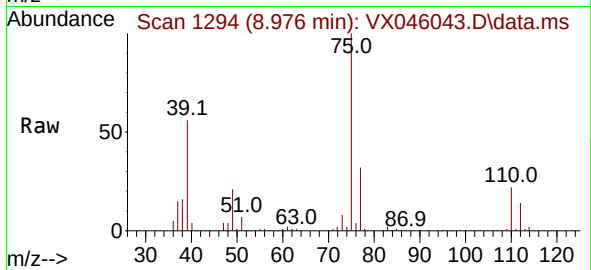
77 31.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#54

cis-1,3-Dichloropropene

Concen: 80.264 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

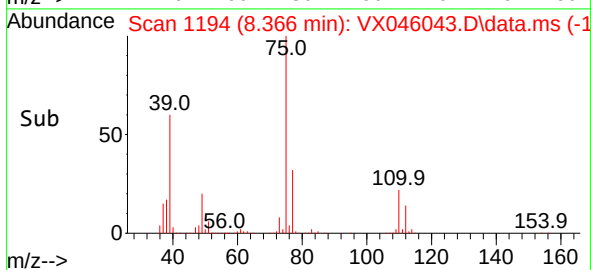
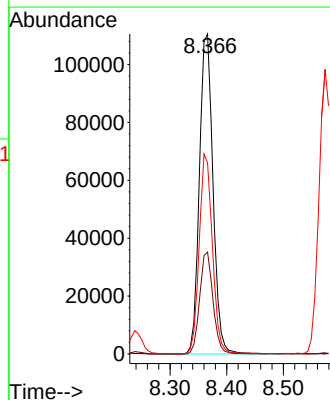
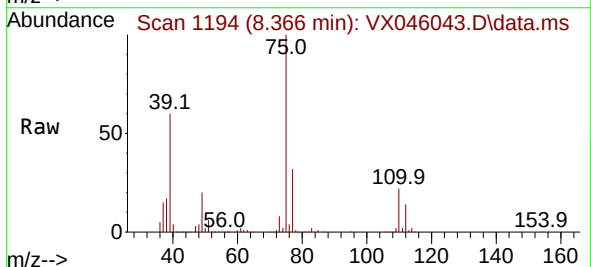
Tgt Ion: 75 Resp: 184134

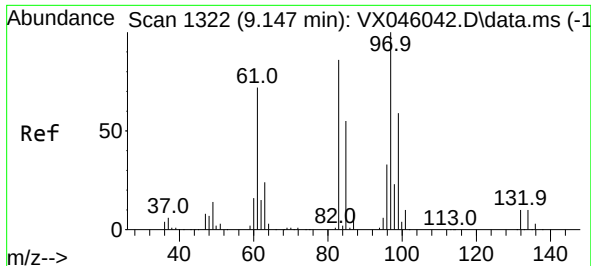
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

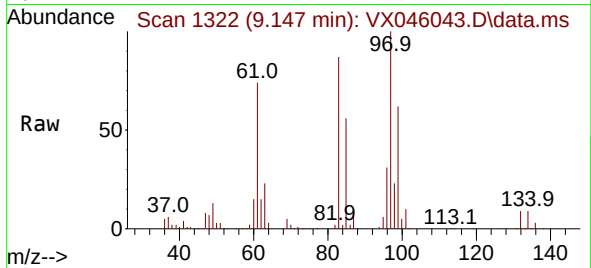
39 59.6 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 72.543 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

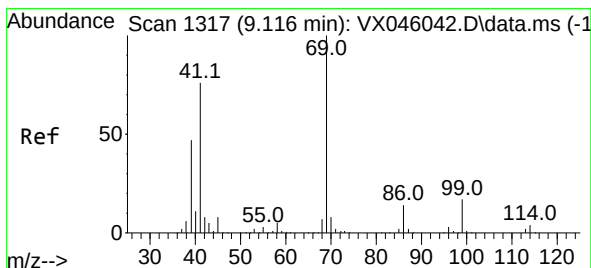
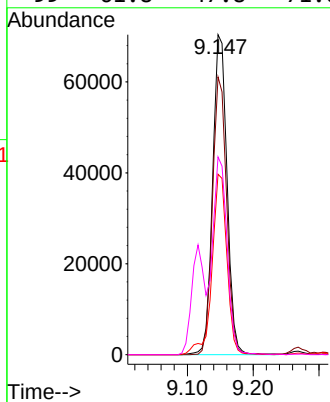
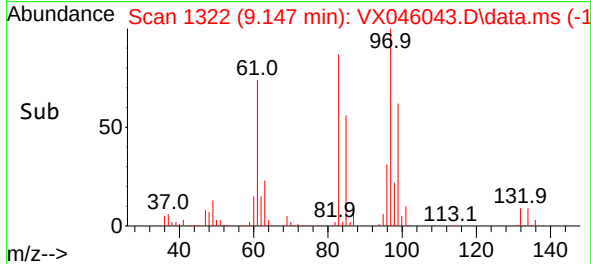
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 97 Resp: 107264
Ion Ratio Lower Upper
97 100
83 86.8 69.0 103.6
85 56.4 44.3 66.5
99 61.8 47.8 71.6

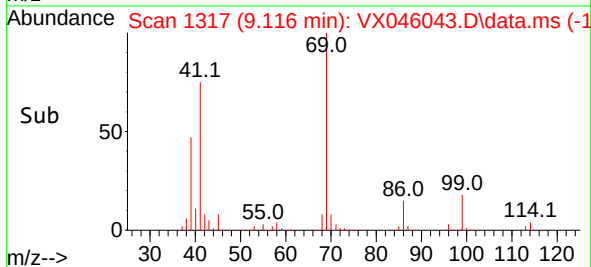
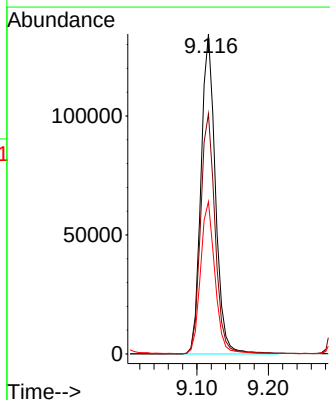
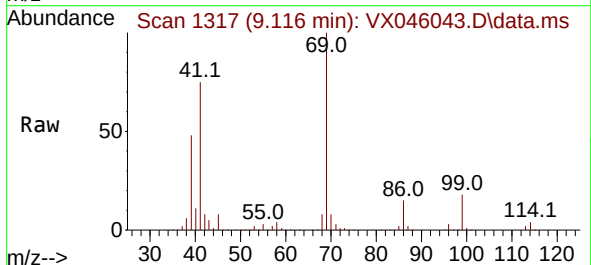
Manual Integrations
APPROVED

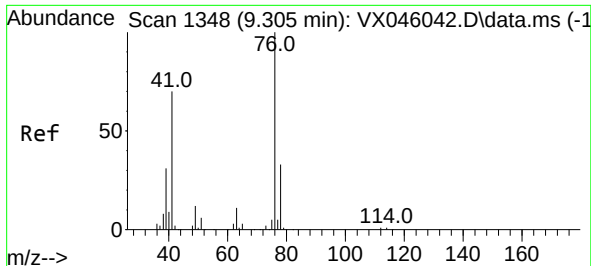
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#56
Ethyl methacrylate
Concen: 82.359 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 69 Resp: 188717
Ion Ratio Lower Upper
69 100
41 75.7 60.8 91.2
39 47.7 39.0 58.6





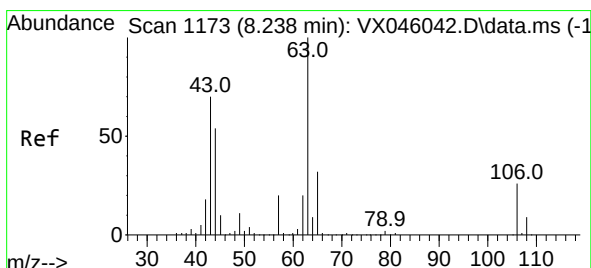
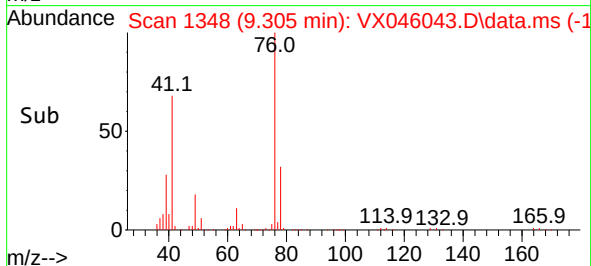
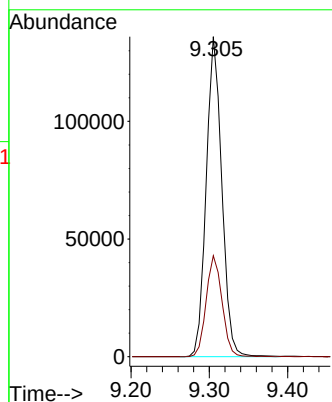
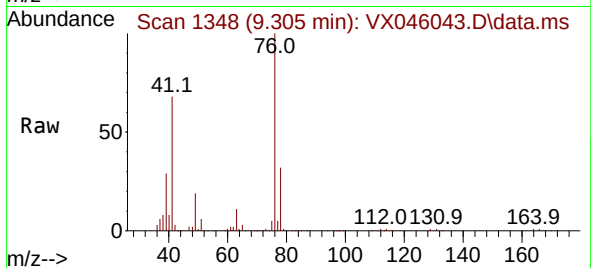
#57
1,3-Dichloropropane
Concen: 71.590 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 187649
Ion Ratio Lower Upper
76 100
78 32.1 26.3 39.5

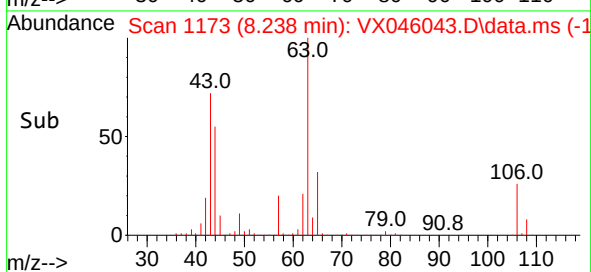
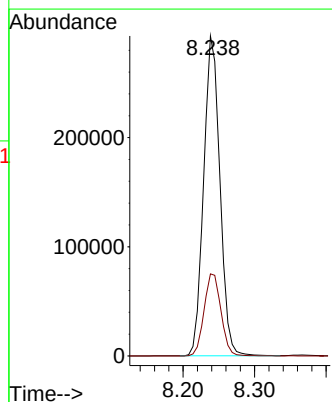
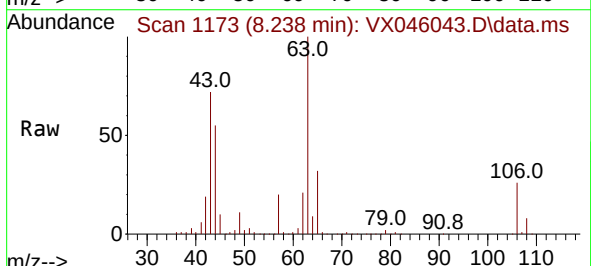
Manual Integrations
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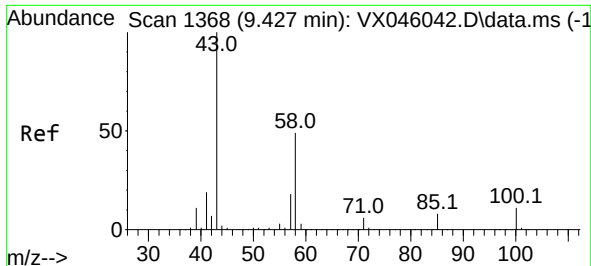
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 449.791 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion: 63 Resp: 463169
Ion Ratio Lower Upper
63 100
106 26.7 21.5 32.3





#59

2-Hexanone

Concen: 383.945 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 729602

Ion Ratio Lower Upper

43 100

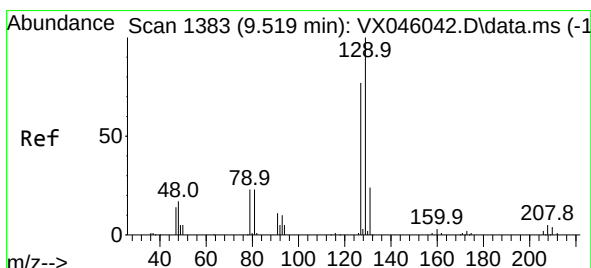
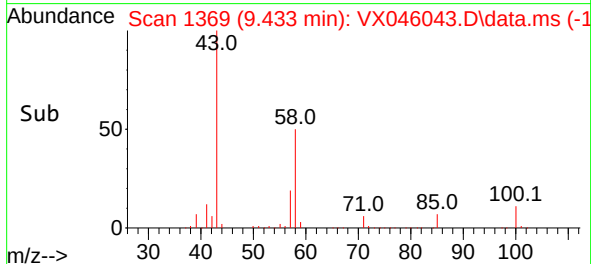
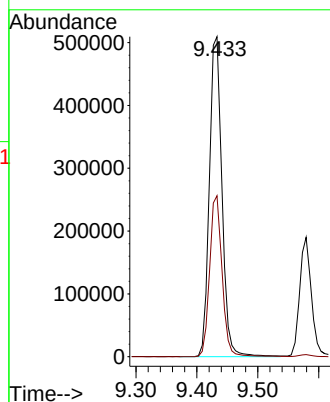
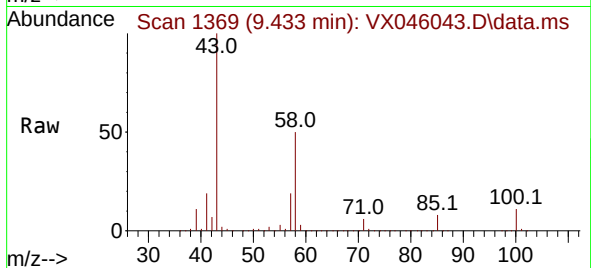
58 49.9 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#60

Dibromochloromethane

Concen: 78.918 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX046043.D

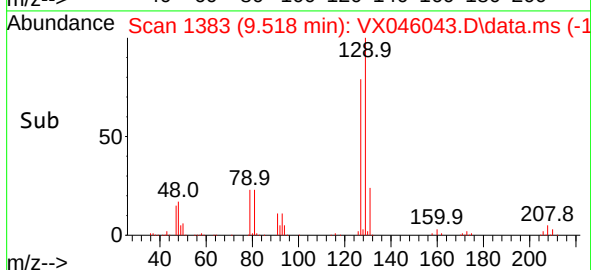
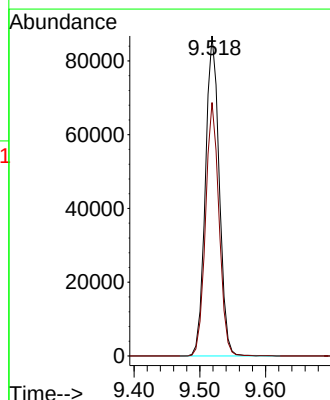
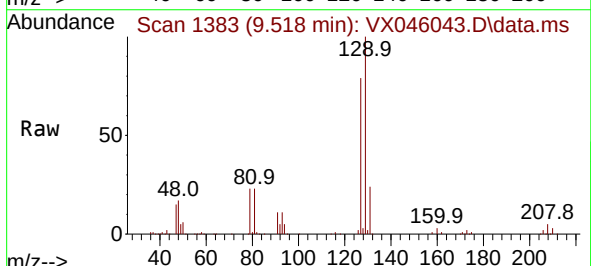
Acq: 05 May 2025 12:21

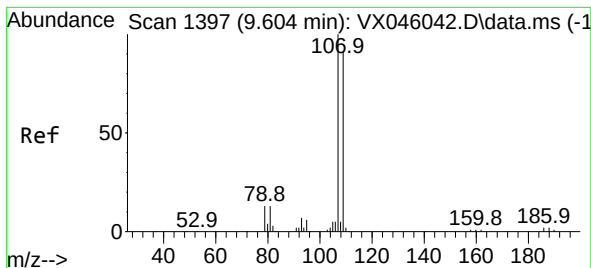
Tgt Ion:129 Resp: 127012

Ion Ratio Lower Upper

129 100

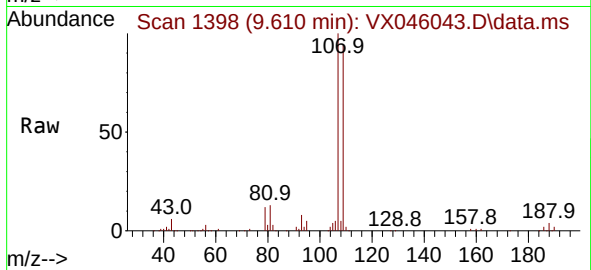
127 77.0 39.3 117.8





#61
1,2-Dibromoethane
Concen: 74.200 ug/l
RT: 9.610 min Scan# 11266
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

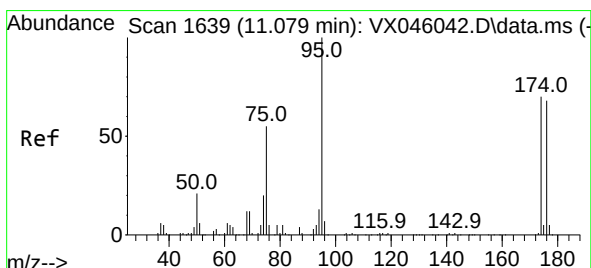
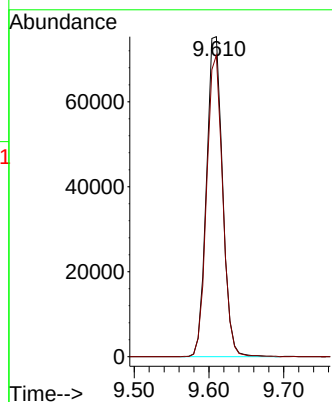
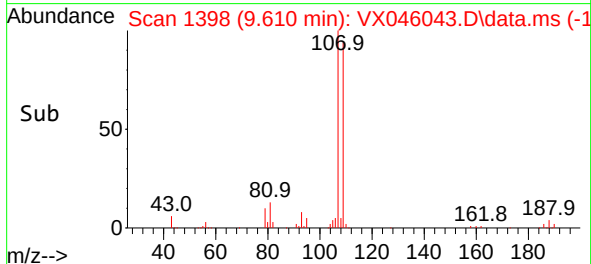
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:107 Resp: 11266
Ion Ratio Lower Upper
107 100
109 93.9 73.3 109.9

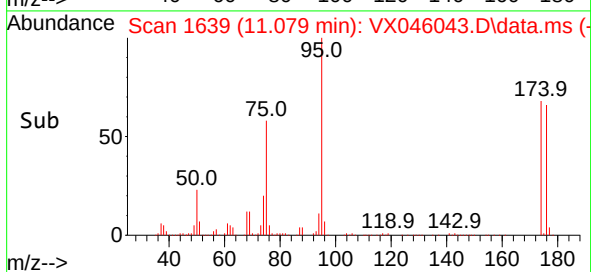
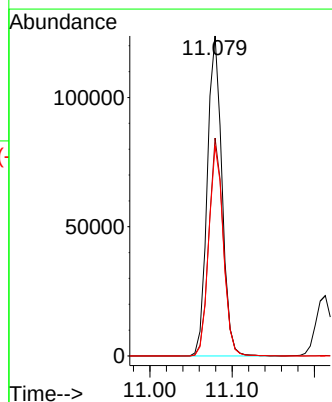
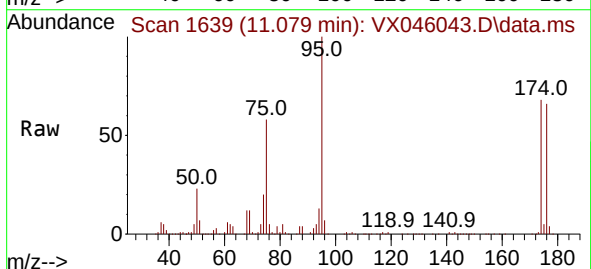
Manual Integrations
APPROVED

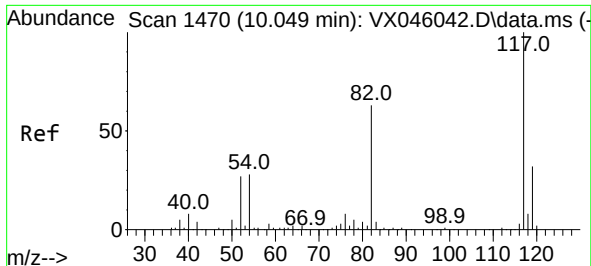
Reviewed By :John Carbone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#62
4-Bromofluorobenzene
Concen: 72.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

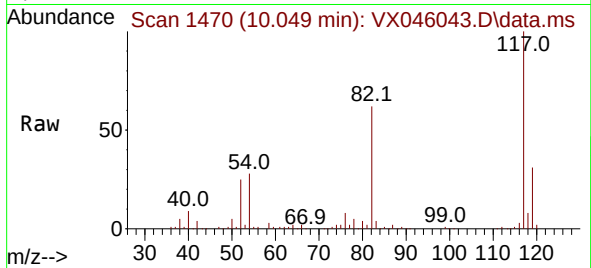
Tgt Ion: 95 Resp: 153085
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 65.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

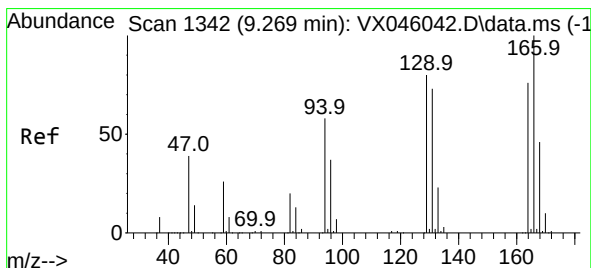
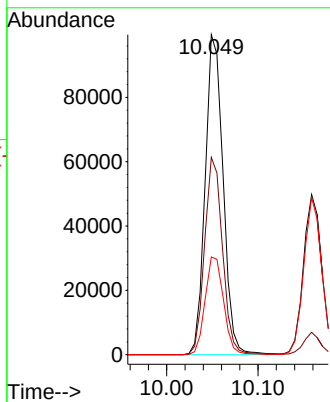
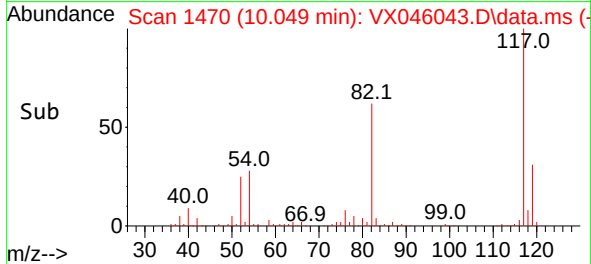
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 135214
Ion Ratio Lower Upper
117 100
82 61.7 50.6 76.0
119 30.6 25.8 38.6

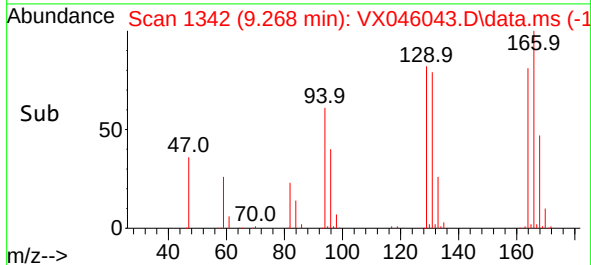
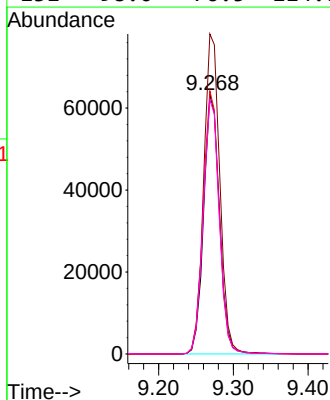
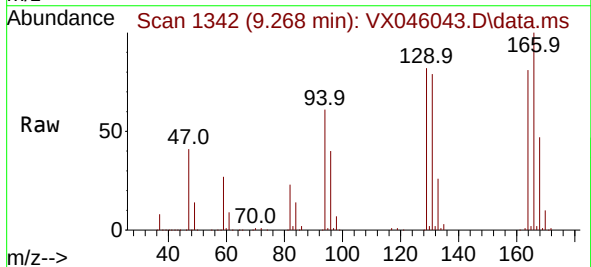
Manual Integrations
APPROVED

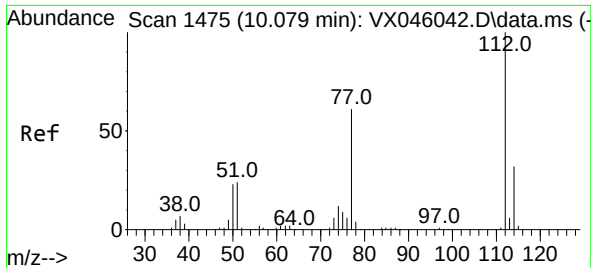
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#64
Tetrachloroethene
Concen: 67.493 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

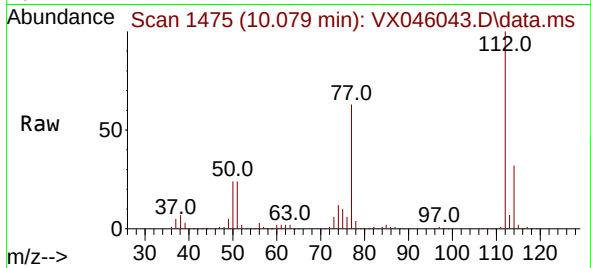
Tgt Ion:164 Resp: 93195
Ion Ratio Lower Upper
164 100
166 123.4 105.0 157.6
129 101.4 83.5 125.3
131 98.0 76.5 114.7





#65
Chlorobenzene
Concen: 70.490 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

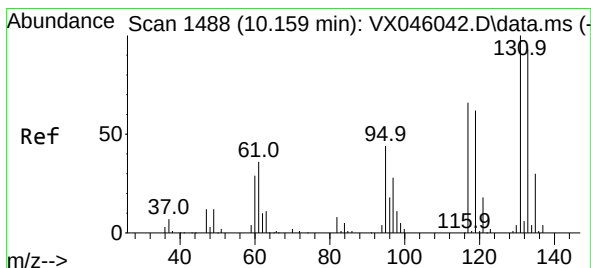
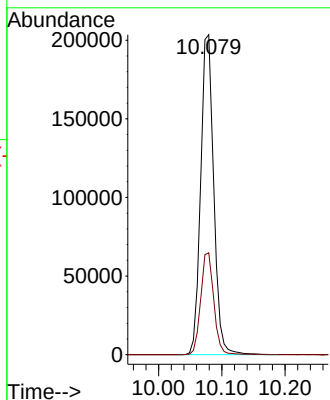
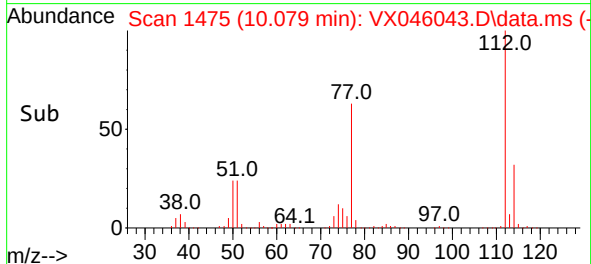
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



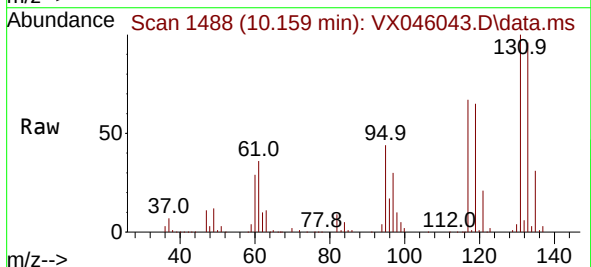
Tgt Ion:112 Resp: 293284
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

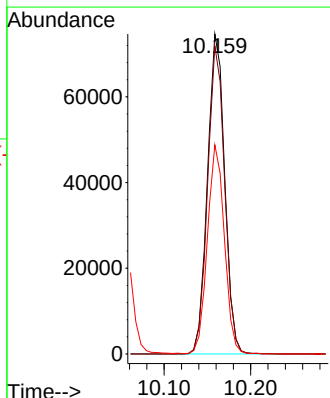
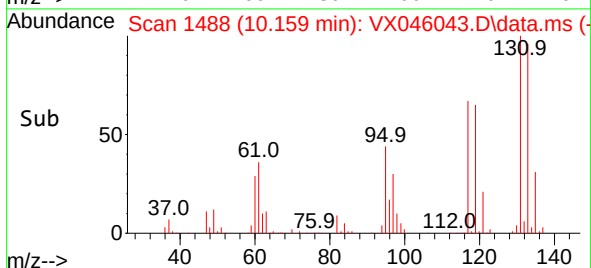
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

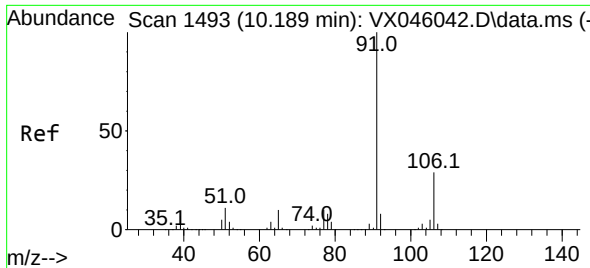


#66
1,1,1,2-Tetrachloroethane
Concen: 74.349 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21



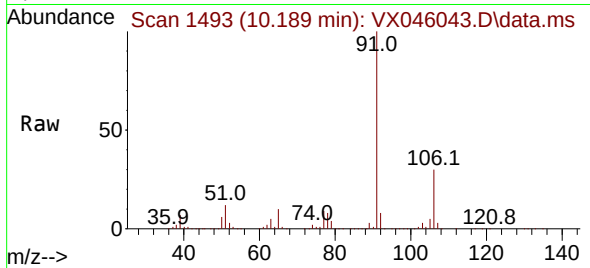
Tgt Ion:131 Resp: 103177
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.9
119 64.5 31.6 95.0





#67
Ethyl Benzene
Concen: 75.444 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

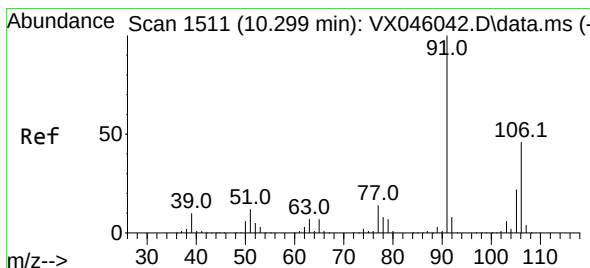
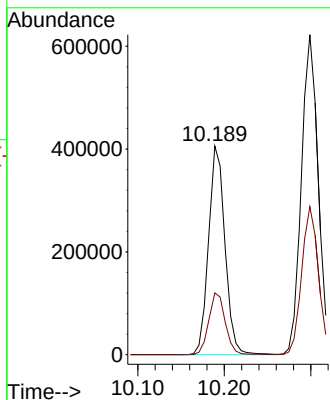
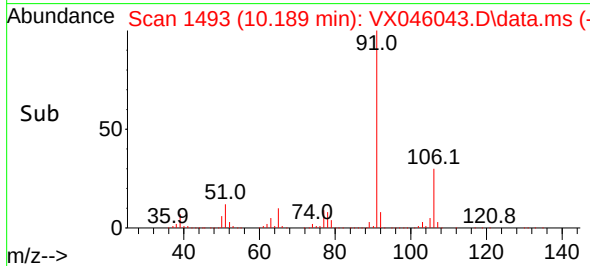
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 53512
Ion Ratio Lower Upper
91 100
106 29.6 23.4 35.2

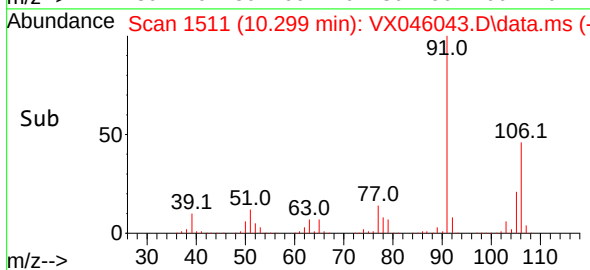
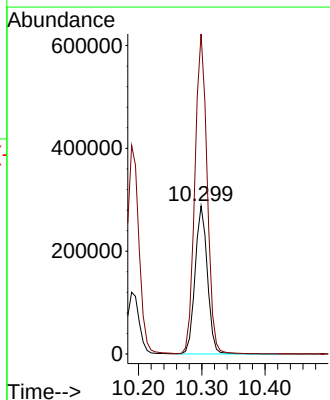
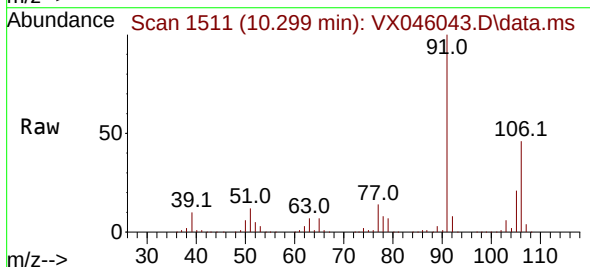
Manual Integrations
APPROVED

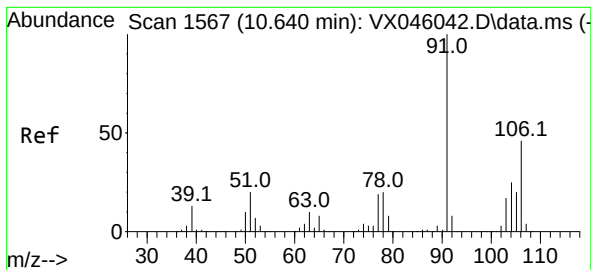
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#68
m/p-Xylenes
Concen: 152.181 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:106 Resp: 389935
Ion Ratio Lower Upper
106 100
91 215.8 171.2 256.8





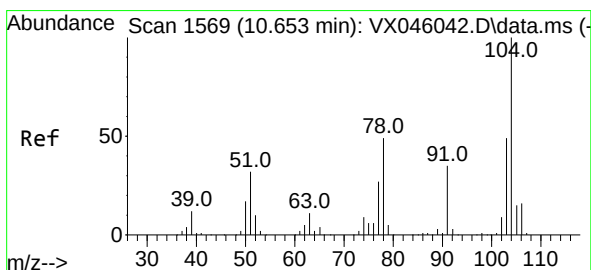
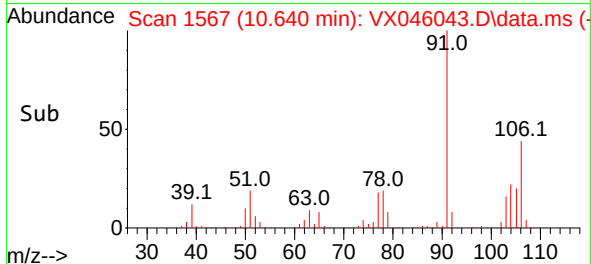
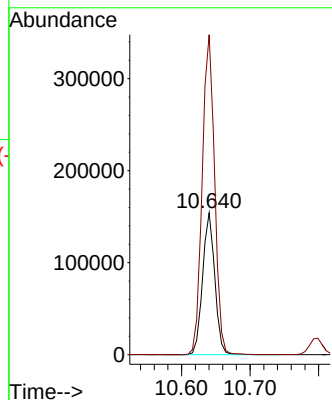
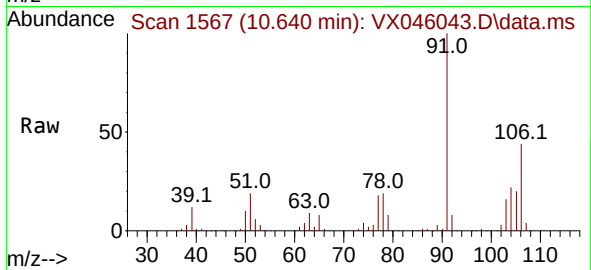
#69
o-Xylene
Concen: 73.890 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 190833
Ion Ratio Lower Upper
106 100
91 230.3 112.7 338.1

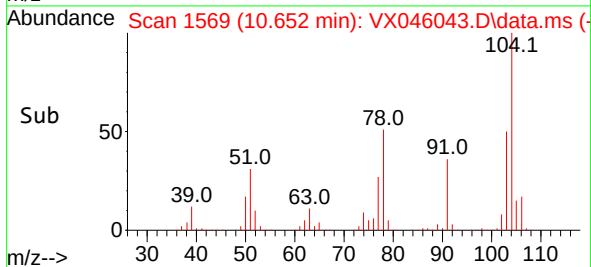
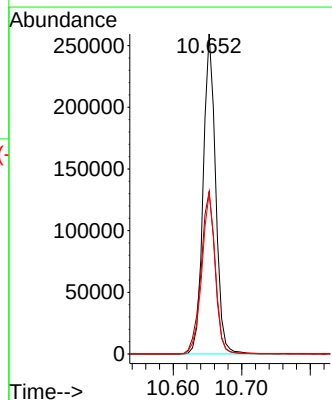
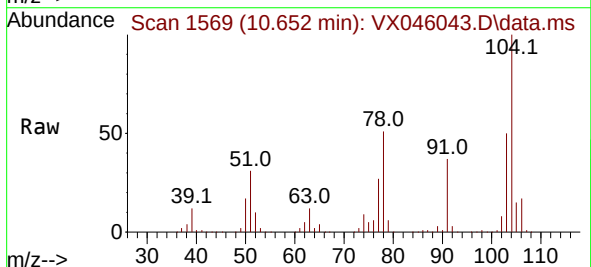
Manual Integrations
APPROVED

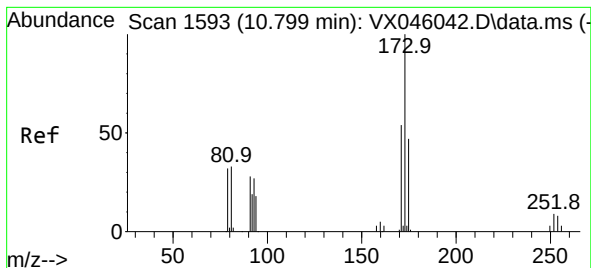
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#70
Styrene
Concen: 79.411 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:104 Resp: 328195
Ion Ratio Lower Upper
104 100
78 57.4 45.7 68.5
103 54.8 43.7 65.5





#71

Bromoform

Concen: 80.927 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

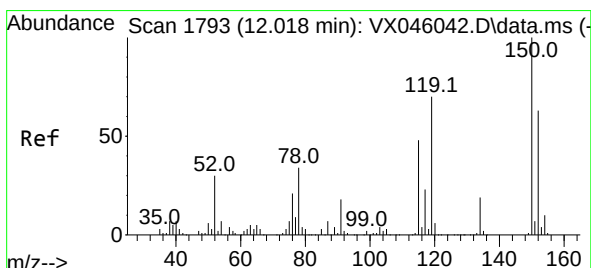
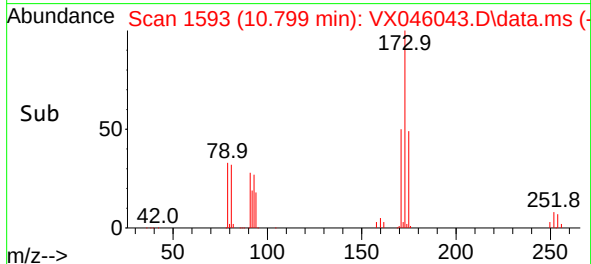
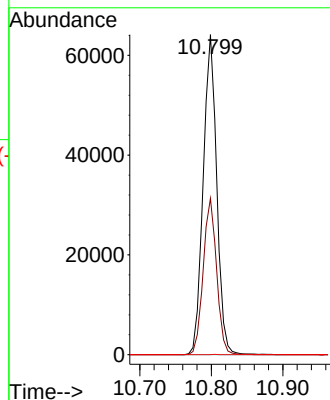
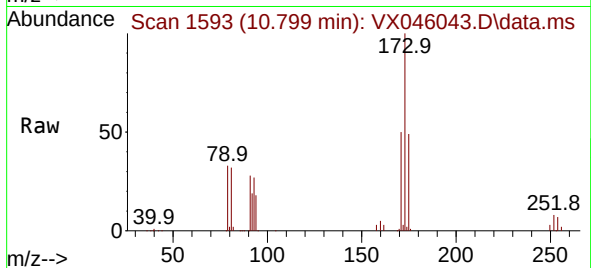
Tgt Ion:	173	Resp:	8435
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.4	70.0
254	0.0	0.0	0.0

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

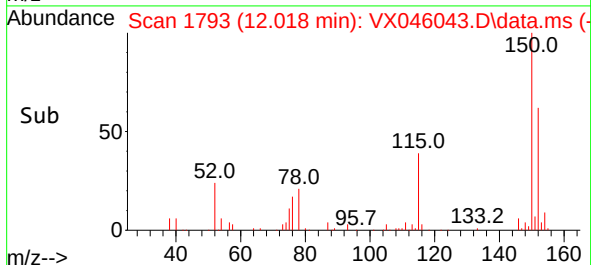
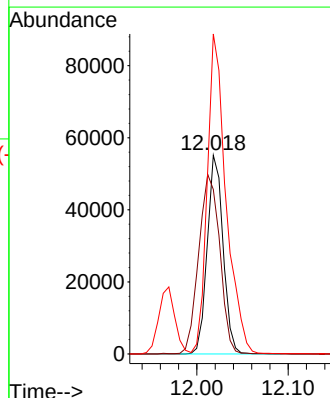
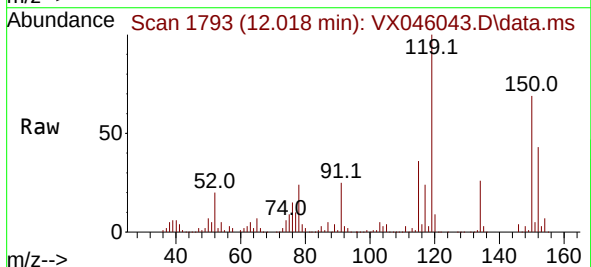
RT: 12.018 min Scan# 1793

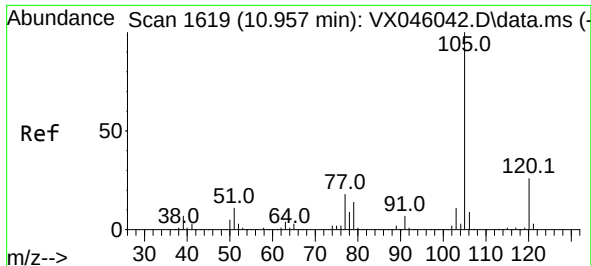
Delta R.T. -0.000 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

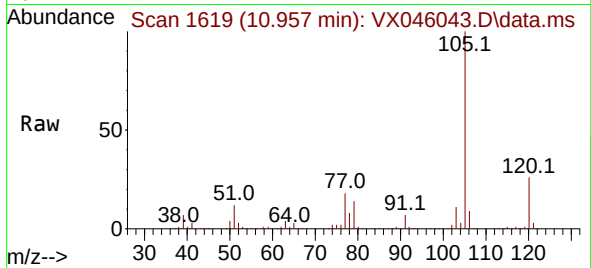
Tgt Ion:	152	Resp:	66369
Ion Ratio	Lower	Upper	
152	100		
115	120.4	46.9	140.7
150	190.4	0.0	351.0





#73
Isopropylbenzene
Concen: 71.083 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

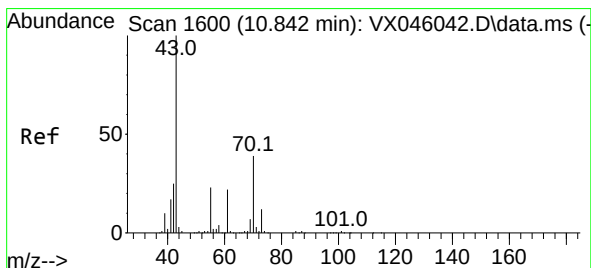
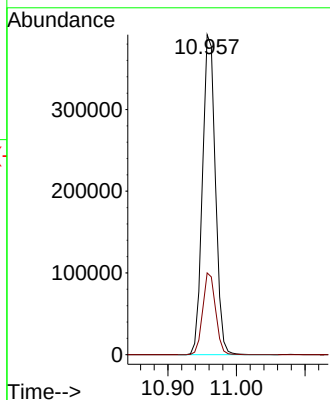
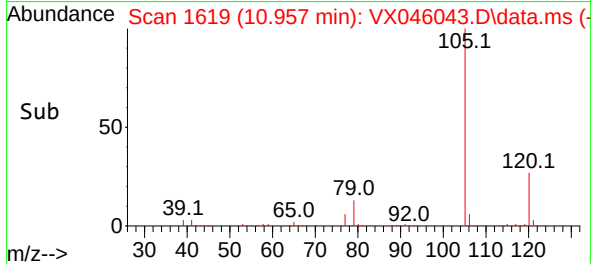
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



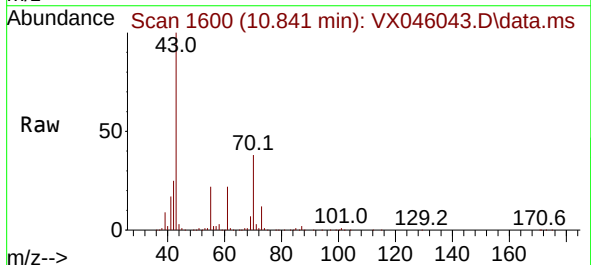
Tgt Ion:105 Resp: 514528
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

Manual Integrations
APPROVED

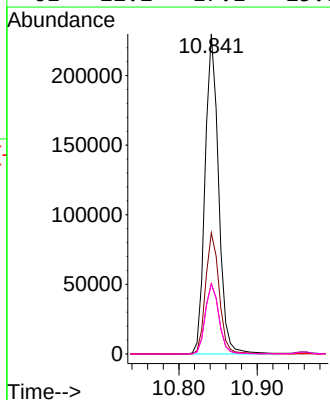
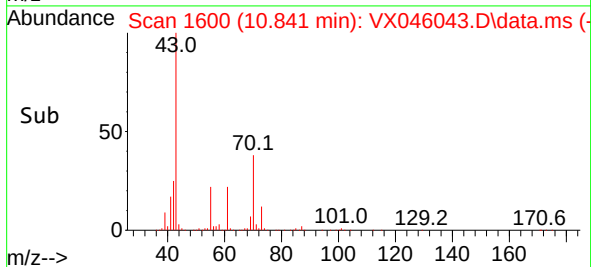
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

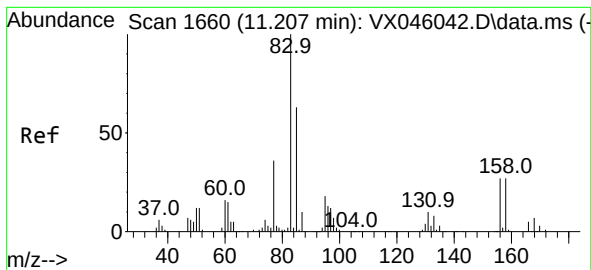


#74
N-ethyl acetate
Concen: 76.073 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21



Tgt Ion: 43 Resp: 274553
Ion Ratio Lower Upper
43 100
70 38.2 30.9 46.3
55 22.5 18.7 28.1
61 22.2 17.1 25.7





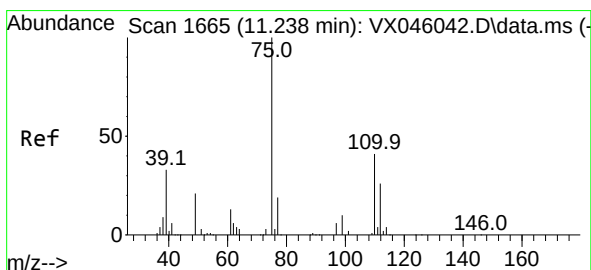
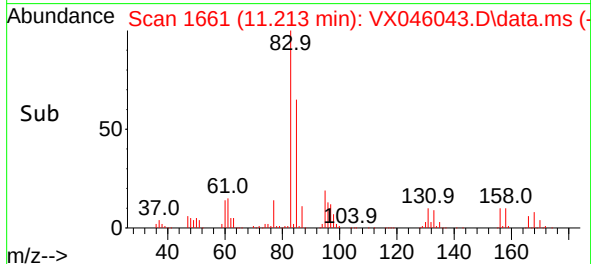
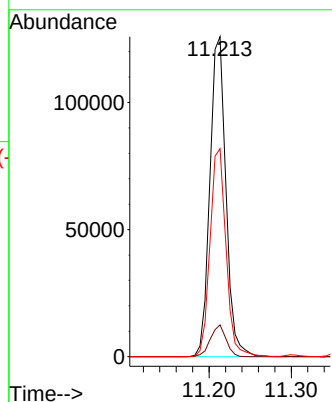
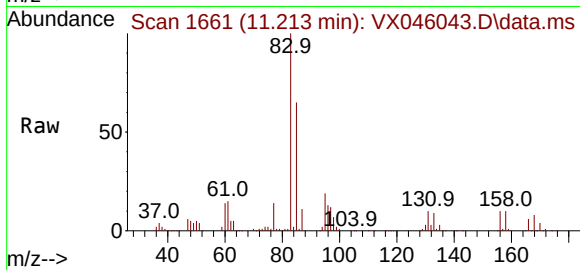
#75
1,1,2,2-Tetrachloroethane
Concen: 66.207 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 17048
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.9 31.9 95.7

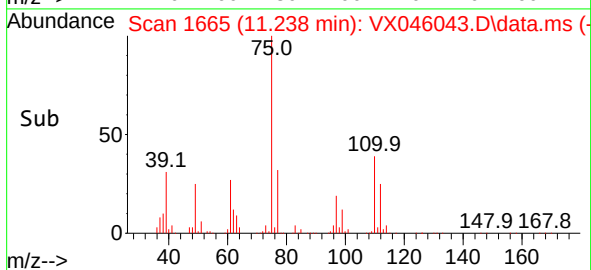
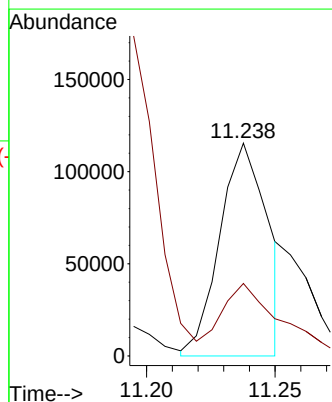
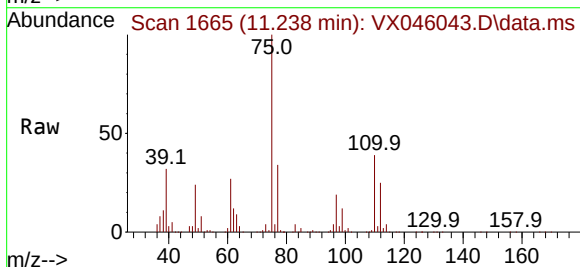
Manual Integrations
APPROVED

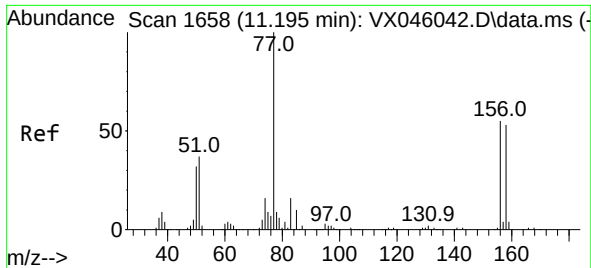
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#76
1,2,3-Trichloropropane
Concen: 54.277 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

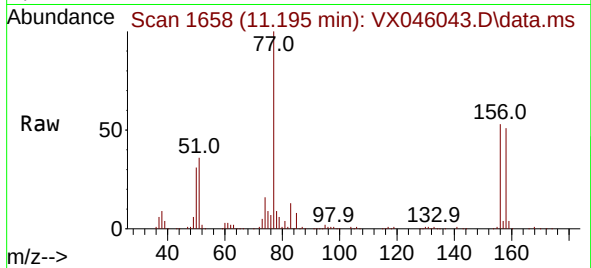
Tgt Ion: 75 Resp: 150182
Ion Ratio Lower Upper
75 100
77 42.2 20.5 61.5





#77
Bromobenzene
Concen: 69.959 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

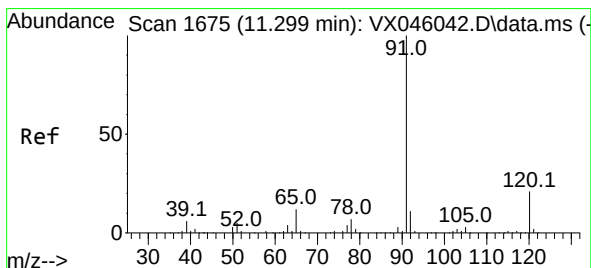
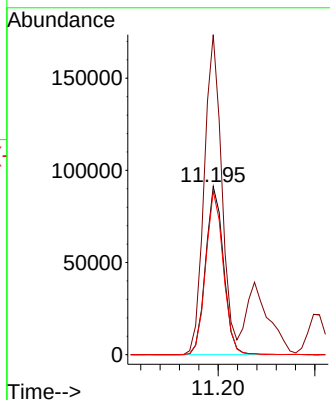
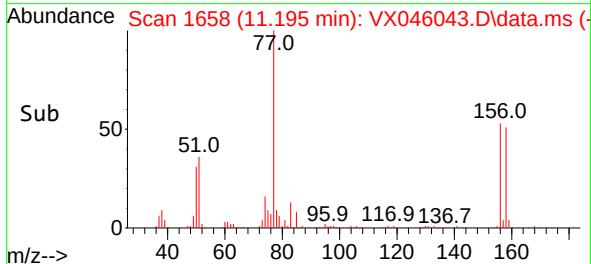
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



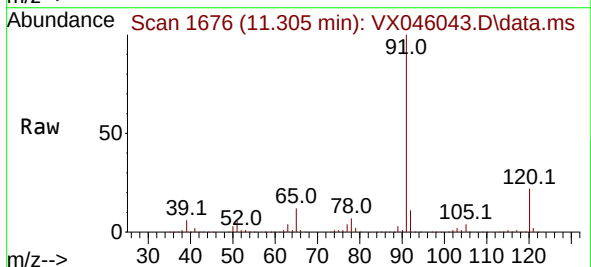
Tgt Ion:156 Resp: 11715
Ion Ratio Lower Upper
156 100
77 187.4 92.8 278.3
158 96.1 48.8 146.3

Manual Integrations
APPROVED

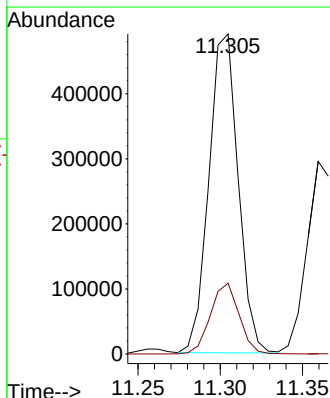
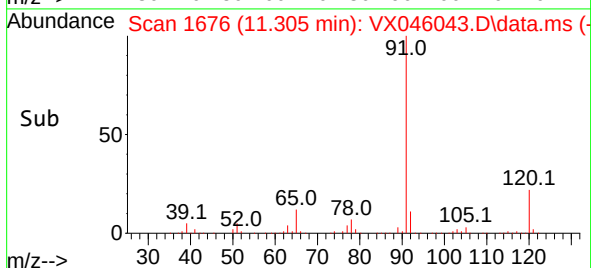
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

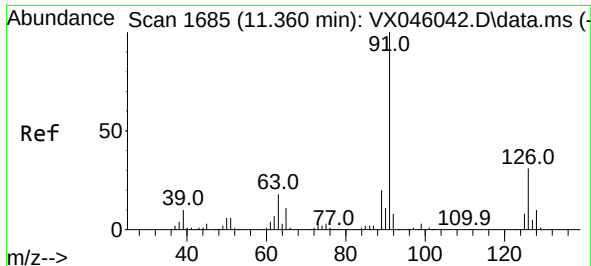


#78
n-propylbenzene
Concen: 74.974 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21



Tgt Ion: 91 Resp: 608332
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





#79
2-Chlorotoluene
Concen: 68.100 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

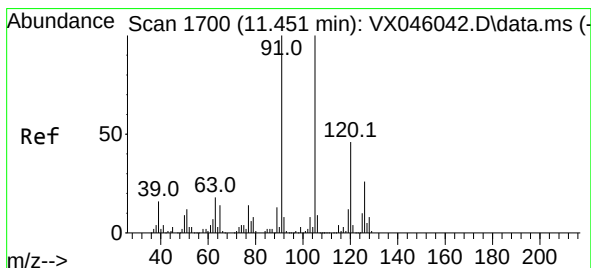
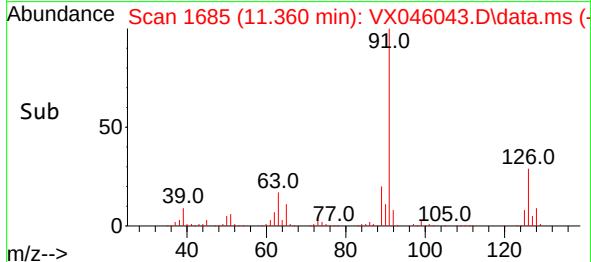
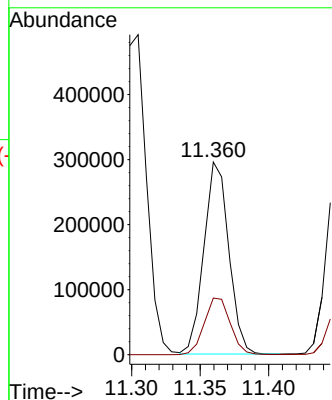
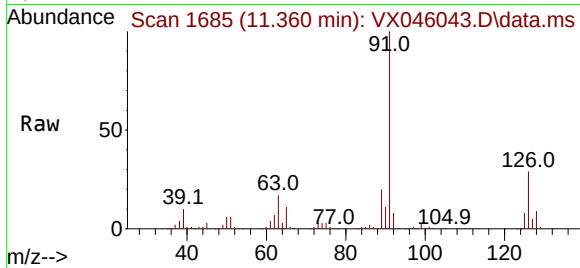
VSTDICC100

Tgt Ion: 91 Resp: 372392
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.7

Manual Integrations

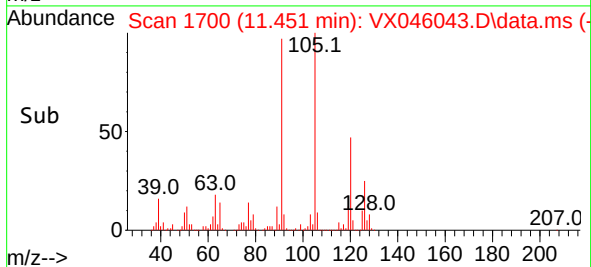
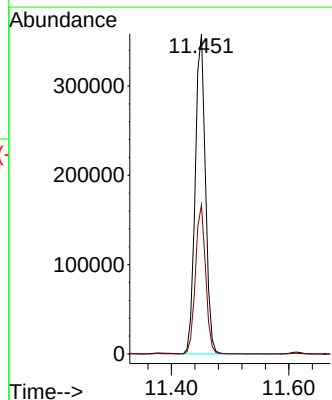
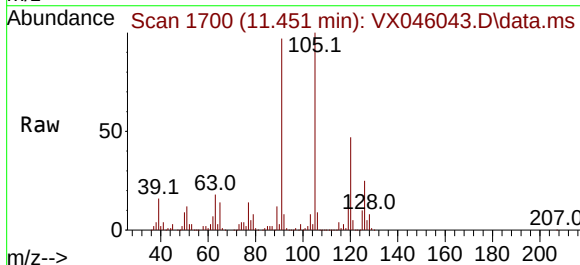
APPROVED

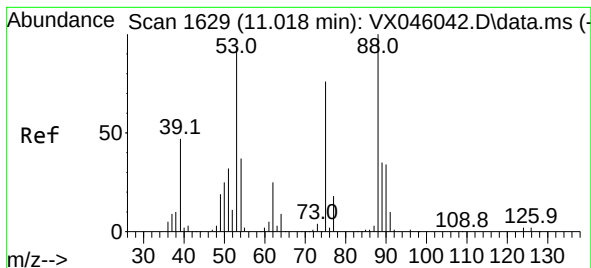
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 71.903 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Tgt Ion:105 Resp: 432096
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2





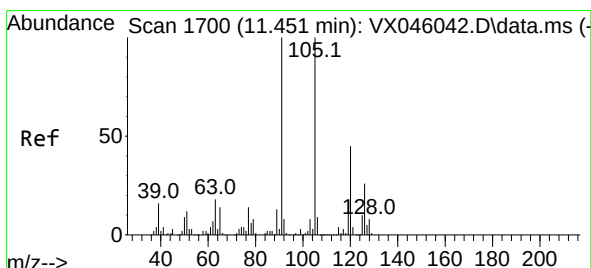
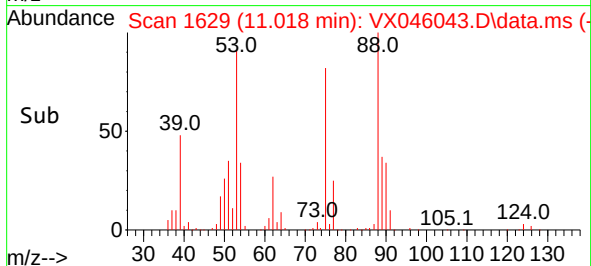
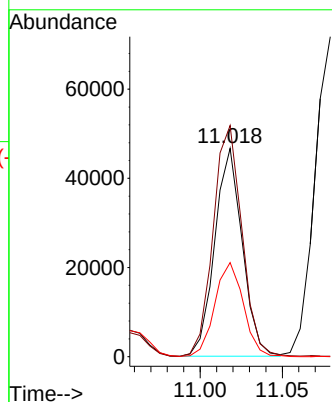
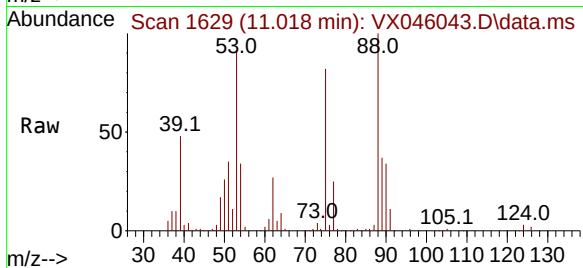
#81
trans-1,4-Dichloro-2-butene
Concen: 81.820 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 54398
Ion Ratio Lower Upper
75 100
53 115.8 100.5 150.7
89 47.0 37.0 55.6

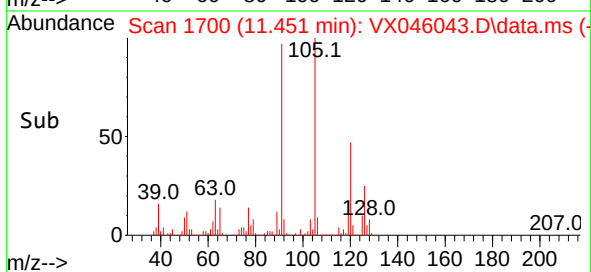
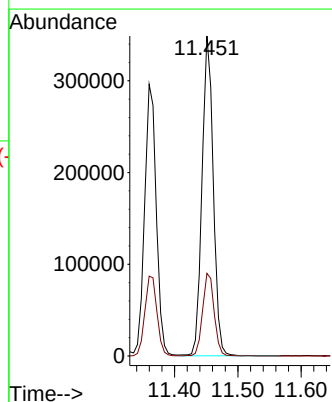
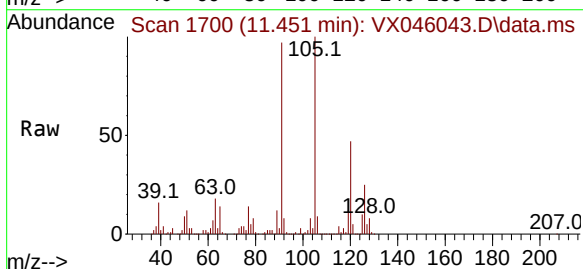
Manual Integrations
APPROVED

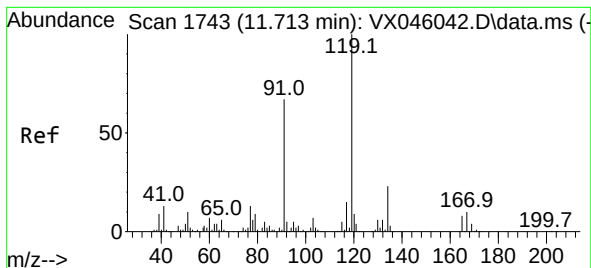
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#82
4-Chlorotoluene
Concen: 71.890 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

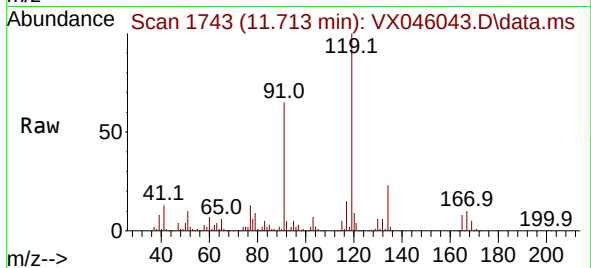
Tgt Ion: 91 Resp: 432053
Ion Ratio Lower Upper
91 100
126 26.5 13.3 39.8





#83
 tert-Butylbenzene
 Concen: 73.197 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX046043.D
 Acq: 05 May 2025 12:21

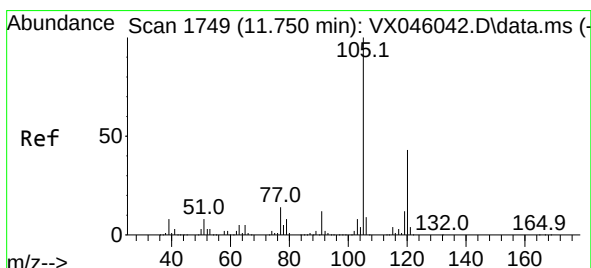
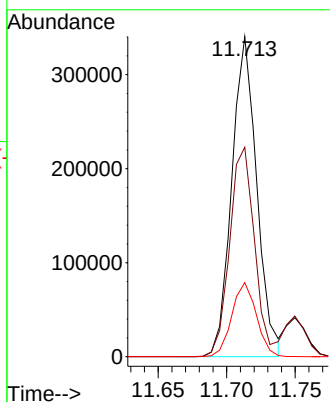
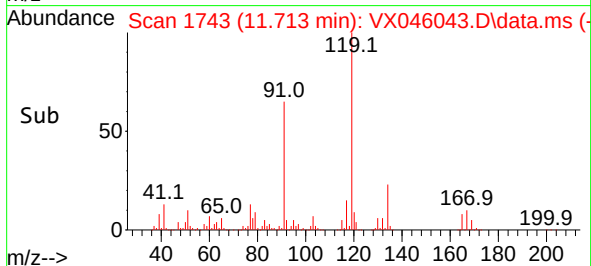
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



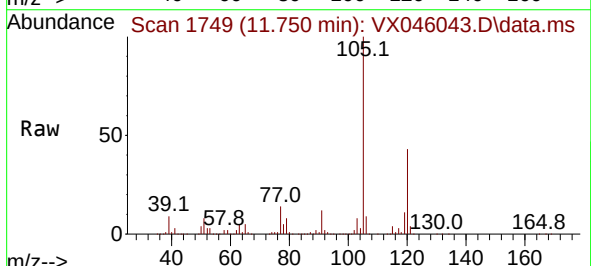
Tgt Ion:119 Resp: 43201
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.9 98.7
 134 22.8 11.4 34.1

Manual Integrations
 APPROVED

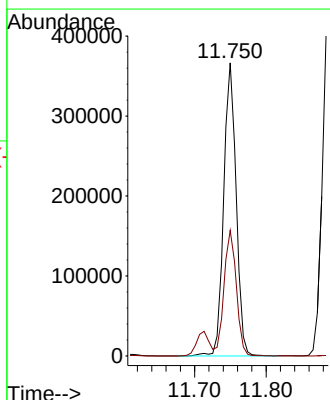
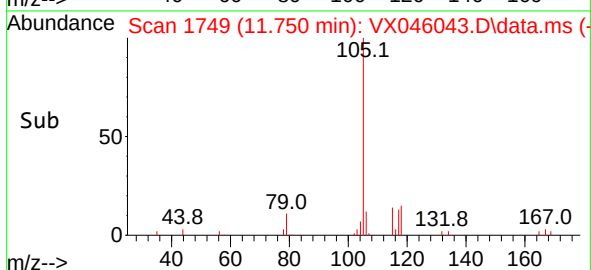
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

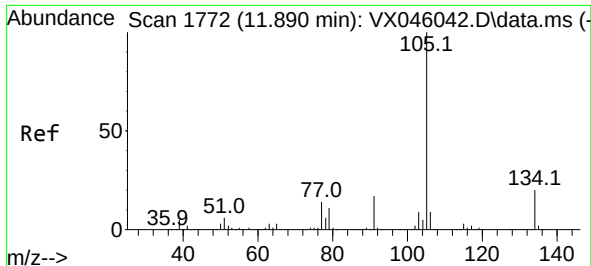


#84
 1,2,4-Trimethylbenzene
 Concen: 73.758 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046043.D
 Acq: 05 May 2025 12:21



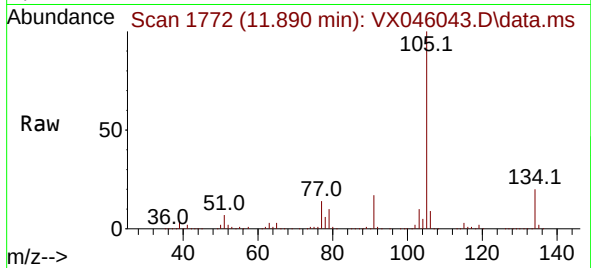
Tgt Ion:105 Resp: 442728
 Ion Ratio Lower Upper
 105 100
 120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 74.188 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046043.D
 Acq: 05 May 2025 12:21

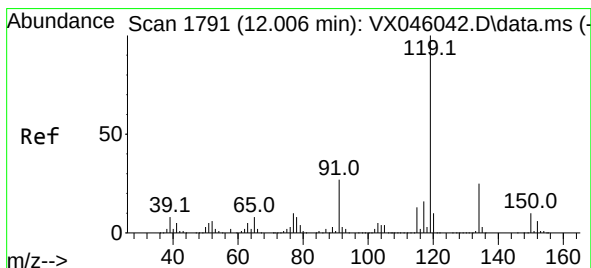
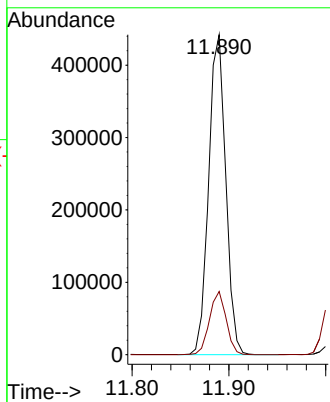
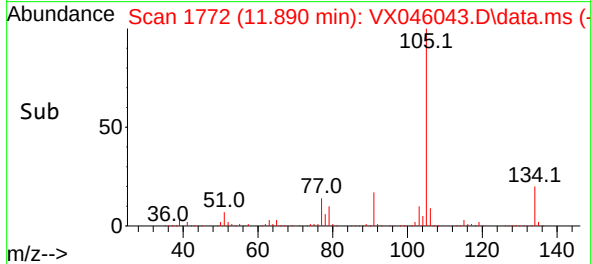
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



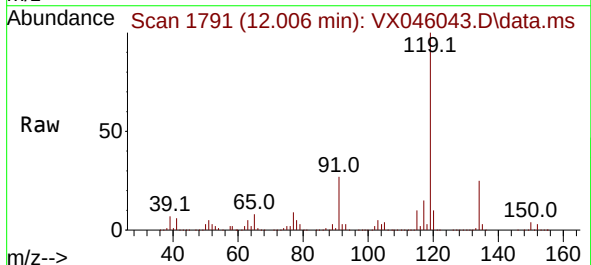
Tgt Ion:105 Resp: 54359
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

Manual Integrations
 APPROVED

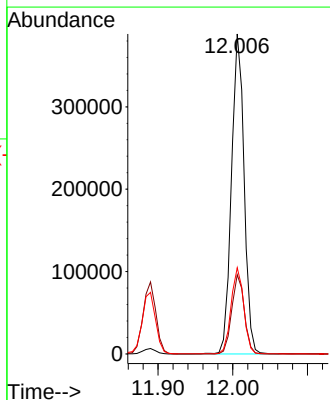
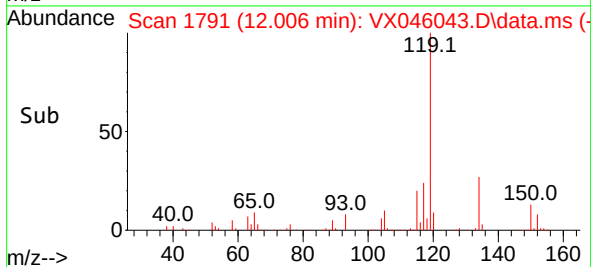
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

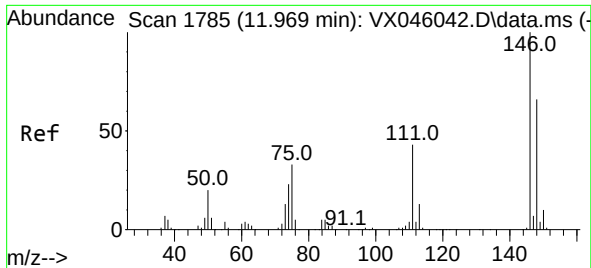


#86
 p-Isopropyltoluene
 Concen: 77.393 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046043.D
 Acq: 05 May 2025 12:21



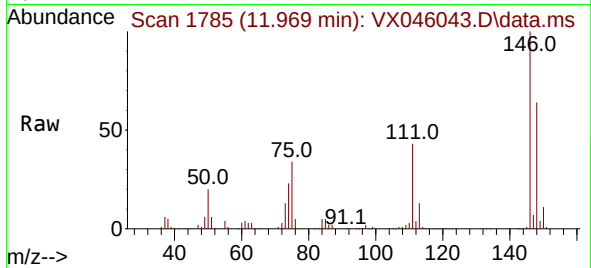
Tgt Ion:119 Resp: 457898
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.5 37.5
 91 26.8 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 70.449 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

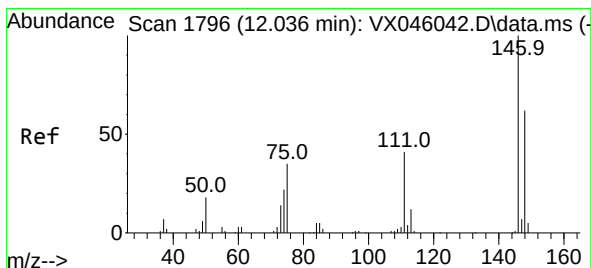
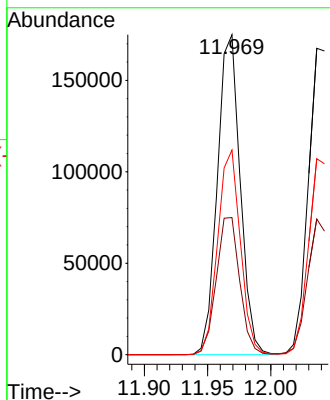
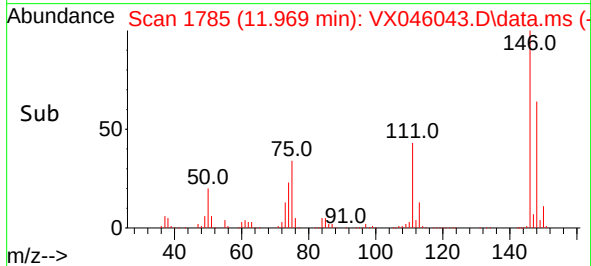
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



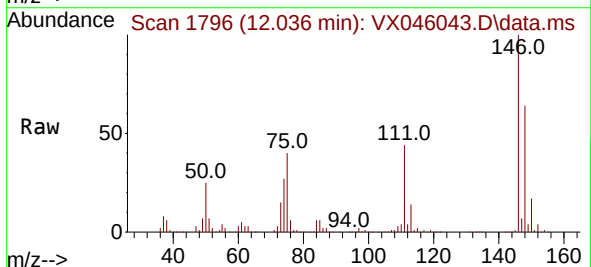
Tgt Ion:146 Resp: 21975
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.3
148 63.5 32.1 96.5

Manual Integrations
APPROVED

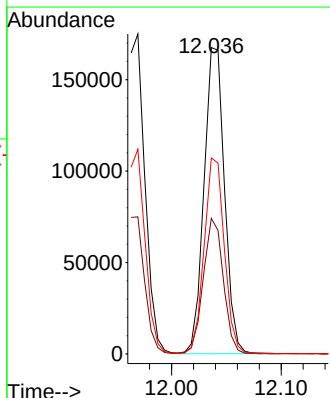
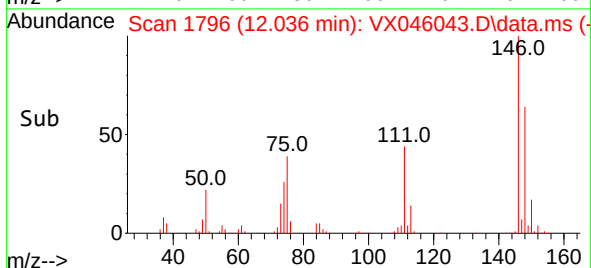
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

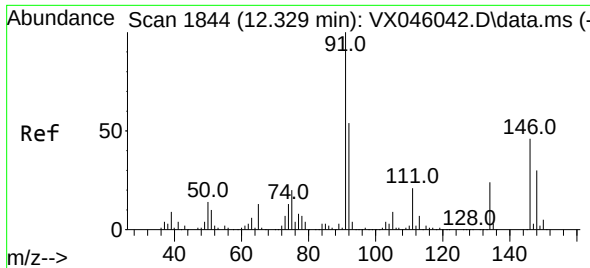


#88
1,4-Dichlorobenzene
Concen: 71.190 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21



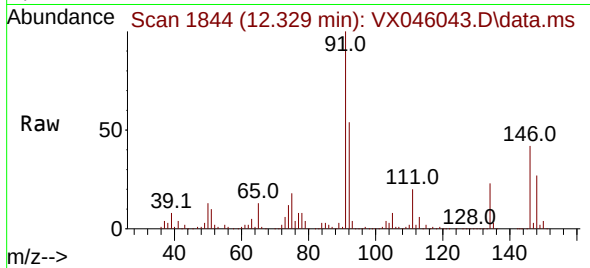
Tgt Ion:146 Resp: 217613
Ion Ratio Lower Upper
146 100
111 43.4 21.3 63.9
148 63.2 31.9 95.5





#89
n-Butylbenzene
Concen: 80.996 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

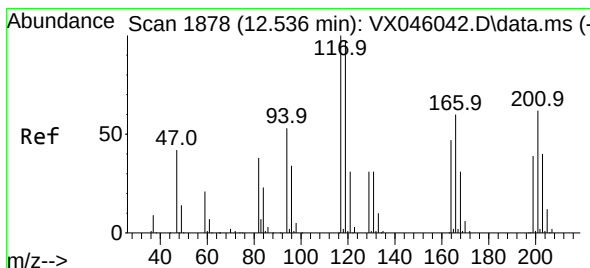
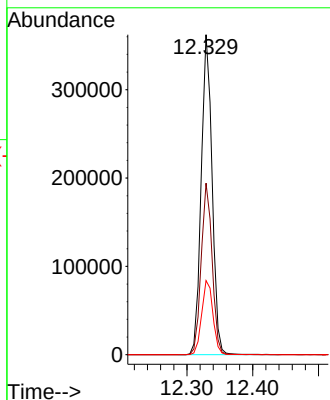
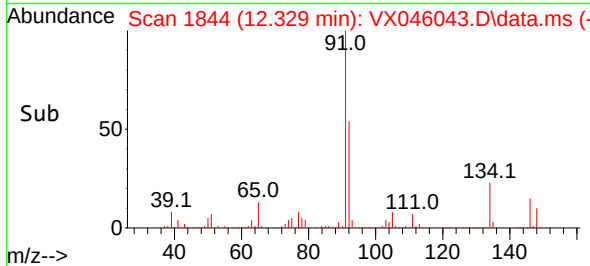
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 416602
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.7
134 24.0 11.8 35.3

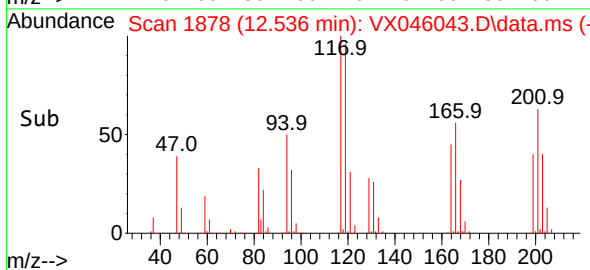
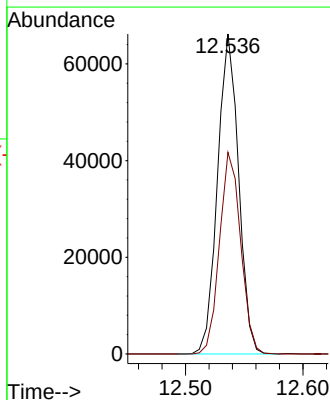
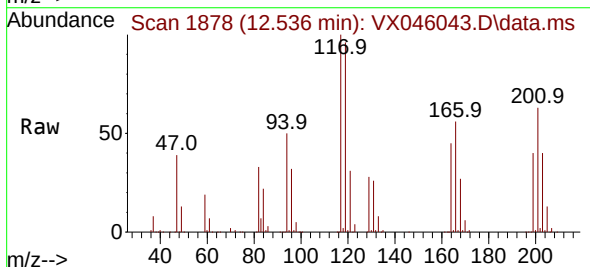
Manual Integrations
APPROVED

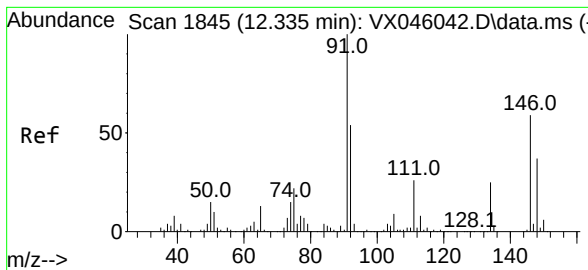
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#90
Hexachloroethane
Concen: 74.978 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

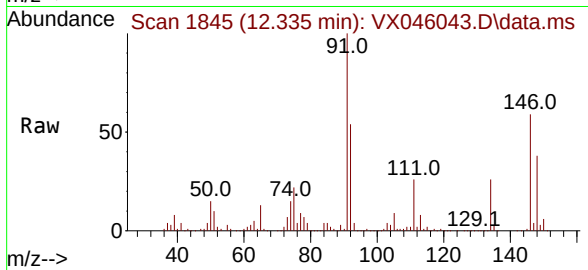
Tgt Ion:117 Resp: 82528
Ion Ratio Lower Upper
117 100
201 63.3 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 71.367 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

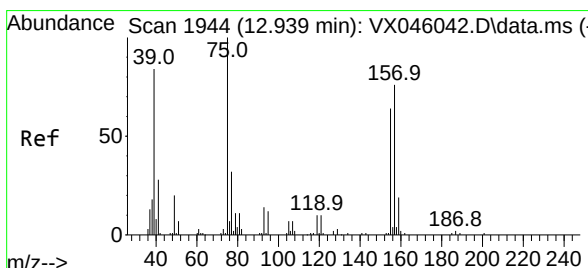
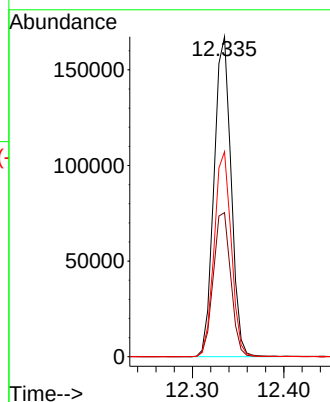
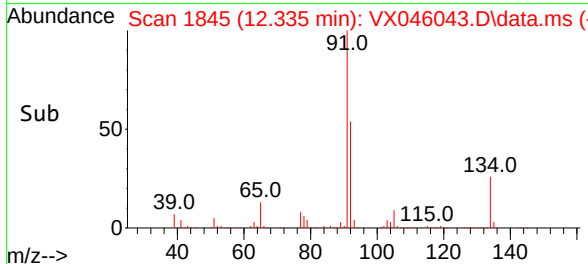
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



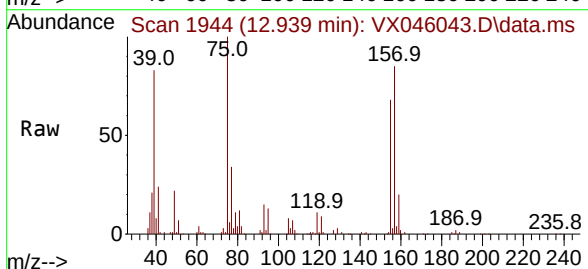
Tgt Ion:146 Resp: 216834
Ion Ratio Lower Upper
146 100
111 46.2 22.4 67.3
148 64.0 31.6 94.8

Manual Integrations
APPROVED

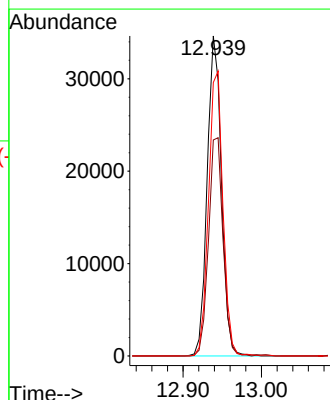
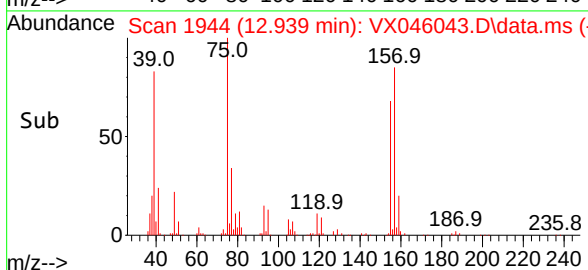
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

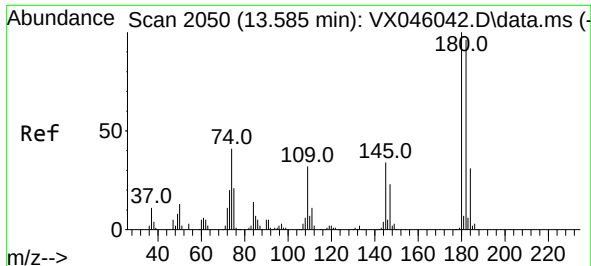


#92
1,2-Dibromo-3-Chloropropane
Concen: 74.512 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21



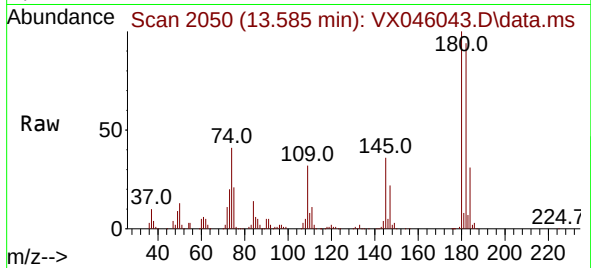
Tgt Ion: 75 Resp: 43673
Ion Ratio Lower Upper
75 100
155 69.4 34.9 104.8
157 90.1 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 82.605 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21

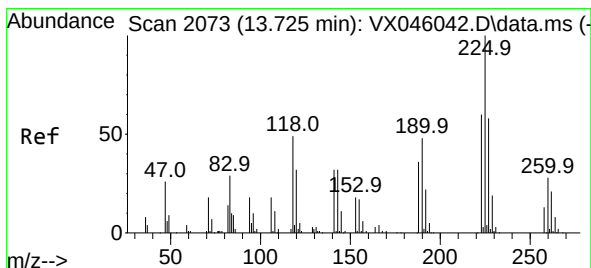
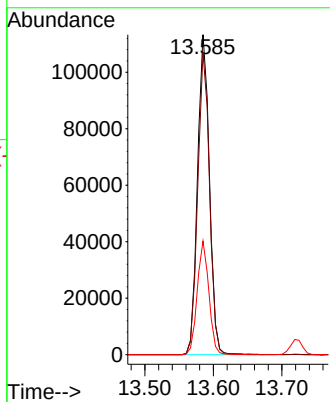
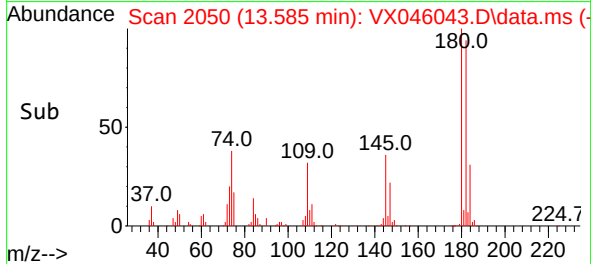
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



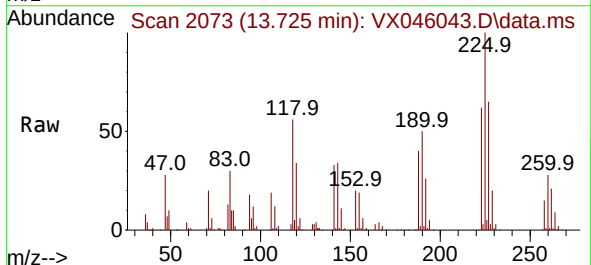
Tgt Ion:180 Resp: 137430
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.8
145 34.6 17.1 51.2

Manual Integrations
APPROVED

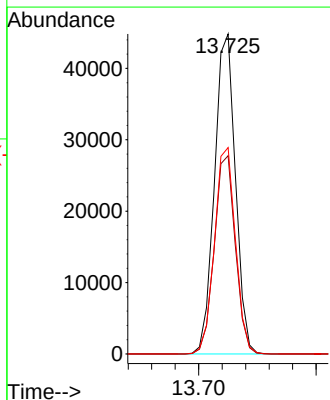
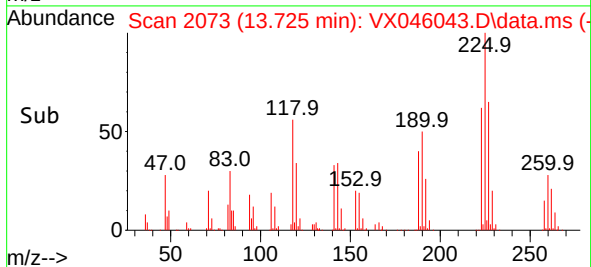
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

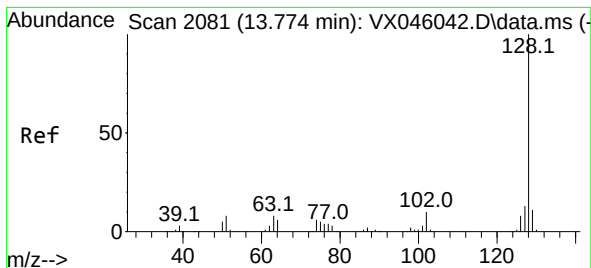


#94
Hexachlorobutadiene
Concen: 71.314 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046043.D
Acq: 05 May 2025 12:21



Tgt Ion:225 Resp: 55494
Ion Ratio Lower Upper
225 100
223 62.3 30.8 92.4
227 64.9 30.9 92.7





#95

Naphthalene

Concen: 80.842 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 489778

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

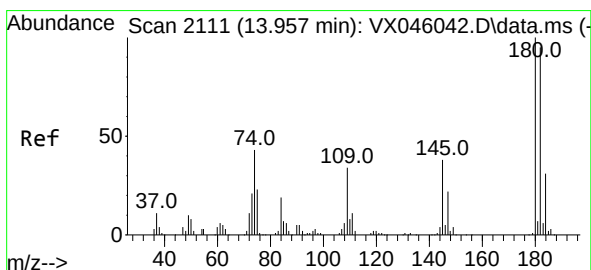
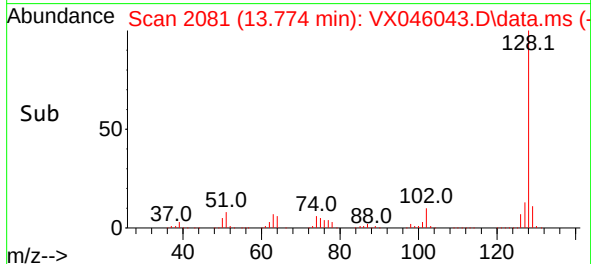
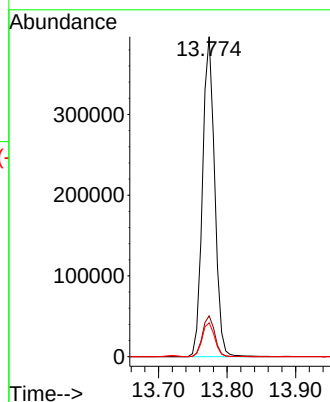
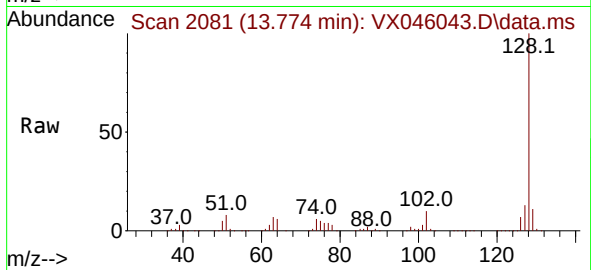
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#96

1,2,3-Trichlorobenzene

Concen: 79.981 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046043.D

Acq: 05 May 2025 12:21

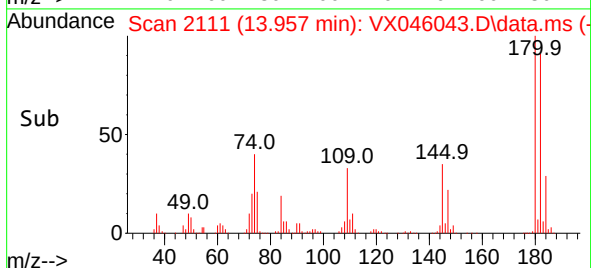
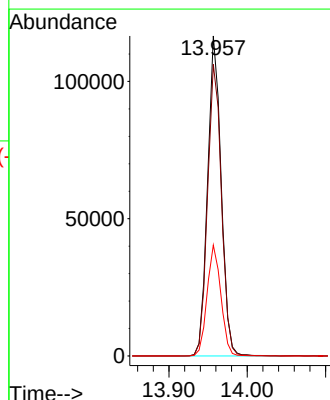
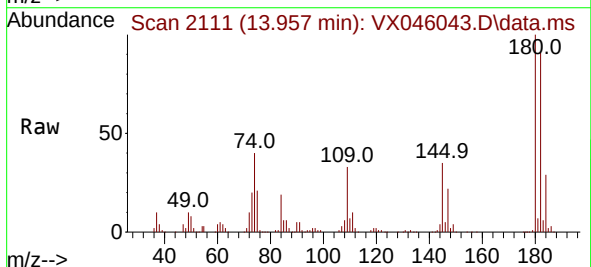
Tgt Ion:180 Resp: 139525

Ion Ratio Lower Upper

180 100

182 93.7 47.8 143.3

145 35.3 18.1 54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046044.D
 Acq On : 05 May 2025 12:45
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 06 06:11:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60345	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	231952	93.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 187.960%#			
35) Dibromofluoromethane	5.385	113	160168	98.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 197.120%#			
50) Toluene-d8	8.647	98	554390	101.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 202.500%#			
62) 4-Bromofluorobenzene	11.079	95	217536	109.174	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 218.340%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	217793	118.929	ug/l	98
3) Chloromethane	1.307	50	196843	109.161	ug/l	99
4) Vinyl Chloride	1.374	62	187924	118.953	ug/l	100
5) Bromomethane	1.593	94	83008	103.625	ug/l	95
6) Chloroethane	1.660	64	78806	96.822	ug/l	98
7) Trichlorofluoromethane	1.868	101	245108	101.851	ug/l	97
8) Diethyl Ether	2.136	74	88441	111.791	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	161404	112.243	ug/l	99
10) Methyl Iodide	2.441	142	189843	112.441	ug/l	100
11) Tert butyl alcohol	3.002	59	181238	616.119	ug/l	100
12) 1,1-Dichloroethene	2.307	96	155451	111.039	ug/l	99
13) Acrolein	2.239	56	203257	594.872	ug/l	98
14) Allyl chloride	2.654	41	297776	112.561	ug/l	98
15) Acrylonitrile	3.069	53	484854	550.973	ug/l	98
16) Acetone	2.392	43	460820	545.754	ug/l	98
17) Carbon Disulfide	2.502	76	397353	122.499	ug/l	100
18) Methyl Acetate	2.709	43	217885	108.099	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	557210	114.112	ug/l	100
20) Methylene Chloride	2.782	84	172035	100.579	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	154694	108.241	ug/l	96
22) Diisopropyl ether	3.764	45	577610	116.858	ug/l	90
23) Vinyl Acetate	3.721	43	2655751	608.005	ug/l	100
24) 1,1-Dichloroethane	3.605	63	320083	110.182	ug/l	99
25) 2-Butanone	4.562	43	708463	581.292	ug/l	98
26) 2,2-Dichloropropane	4.471	77	258698	117.548	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	187835	108.994	ug/l	99
28) Bromochloromethane	4.898	49	146923	95.108	ug/l	100
29) Tetrahydrofuran	5.007	42	450456	569.081	ug/l	99
30) Chloroform	5.087	83	323659	107.208	ug/l	95
31) Cyclohexane	5.458	56	286312	116.934	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	295702	113.572	ug/l	98
36) 1,1-Dichloropropene	5.684	75	219731	116.462	ug/l	99
37) Ethyl Acetate	4.715	43	274312	115.889	ug/l	99
38) Carbon Tetrachloride	5.666	117	250916	115.760	ug/l	99
39) Methylcyclohexane	7.373	83	286311	121.107	ug/l	97
40) Benzene	6.031	78	642178	109.813	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046044.D
 Acq On : 05 May 2025 12:45
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 06 06:11:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	151424	115.139	ug/l	98
42) 1,2-Dichloroethane	6.080	62	271992	112.492	ug/l	99
43) Isopropyl Acetate	6.342	43	447871	123.780	ug/l	100
44) Trichloroethene	7.117	130	157641	114.032	ug/l	96
45) 1,2-Dichloropropane	7.428	63	164505	113.217	ug/l	99
46) Dibromomethane	7.574	93	125846	109.869	ug/l	100
47) Bromodichloromethane	7.818	83	258326	116.365	ug/l	98
48) Methyl methacrylate	7.690	41	231040	124.356	ug/l	99
49) 1,4-Dioxane	7.665	88	82800	2241.695	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1371275	577.831	ug/l	100
52) Toluene	8.714	92	393323	113.430	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	257233	138.001	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	271054	124.658	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	154932	110.551	ug/l	97
56) Ethyl methacrylate	9.116	69	277921	127.968	ug/l	99
57) 1,3-Dichloropropane	9.305	76	272814	109.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	680608	697.344	ug/l	100
59) 2-Hexanone	9.433	43	1028597	571.094	ug/l	99
60) Dibromochloromethane	9.519	129	187497	122.915	ug/l	98
61) 1,2-Dibromoethane	9.604	107	165634	115.087	ug/l	97
64) Tetrachloroethene	9.269	164	132488	100.918	ug/l	96
65) Chlorobenzene	10.080	112	429656	108.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	152173	115.333	ug/l	99
67) Ethyl Benzene	10.189	91	785121	116.421	ug/l	99
68) m/p-Xylenes	10.299	106	570913	234.349	ug/l	100
69) o-Xylene	10.640	106	279906	113.990	ug/l	99
70) Styrene	10.653	104	474254	120.694	ug/l	99
71) Bromoform	10.799	173	125986	127.128	ug/l #	99
73) Isopropylbenzene	10.957	105	752337	114.312	ug/l	99
74) N-amyl acetate	10.842	43	396877	120.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	243532	104.018	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	213744m	84.960	ug/l	
77) Bromobenzene	11.195	156	167934	110.297	ug/l	99
78) n-propylbenzene	11.305	91	881218	119.448	ug/l	100
79) 2-Chlorotoluene	11.360	91	534560	107.514	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	616477	112.825	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	81372	134.609	ug/l	93
82) 4-Chlorotoluene	11.451	91	611736	111.948	ug/l	100
83) tert-Butylbenzene	11.713	119	617473	115.065	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	623456	114.236	ug/l	99
85) sec-Butylbenzene	11.890	105	786293	118.023	ug/l	99
86) p-Isopropyltoluene	12.006	119	651531	121.113	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	313100	110.394	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	311752	112.167	ug/l	100
89) n-Butylbenzene	12.329	91	605783	129.533	ug/l	100
90) Hexachloroethane	12.536	117	123188	123.091	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	308039	111.506	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64438	120.915	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	203255	134.366	ug/l	98
94) Hexachlorobutadiene	13.719	225	80558	113.857	ug/l	99
95) Naphthalene	13.774	128	721236	130.929	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	200379	126.331	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046044.D
Acq On : 05 May 2025 12:45
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

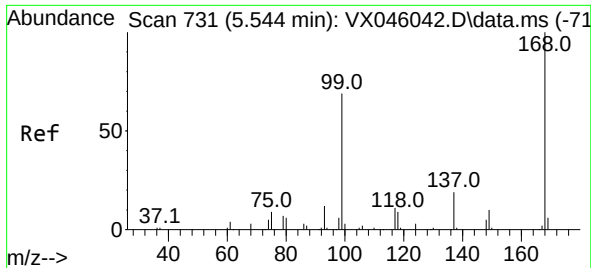
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations

Quant Time: May 06 06:11:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration





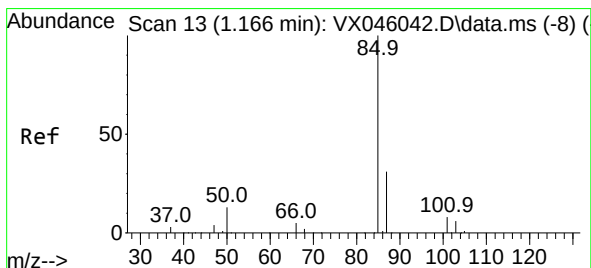
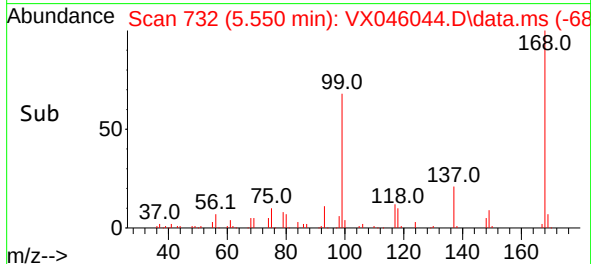
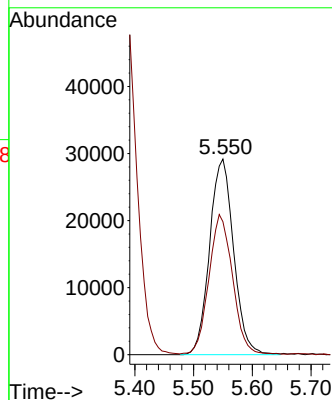
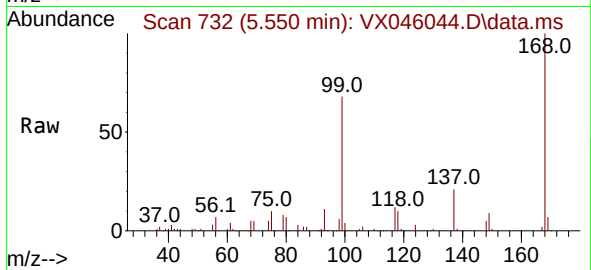
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 8296
Ion Ratio Lower Upper
168 100
99 67.6 54.9 82.3

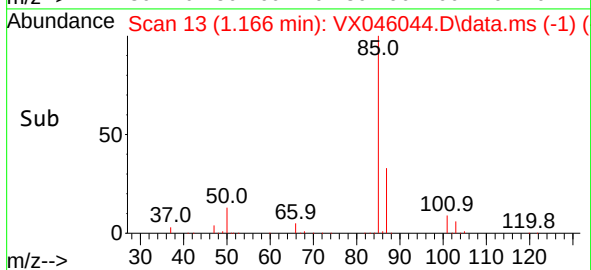
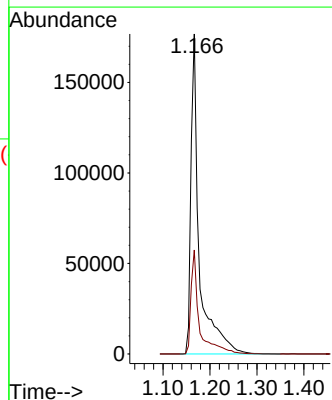
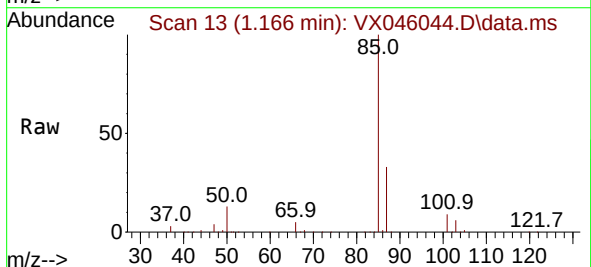
Manual Integrations
APPROVED

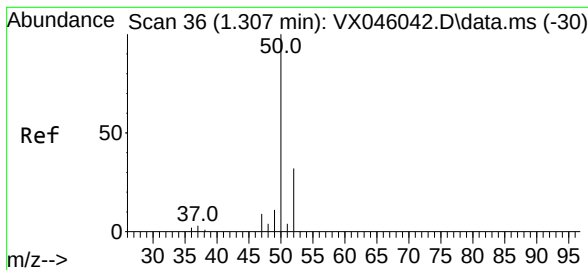
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 118.929 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

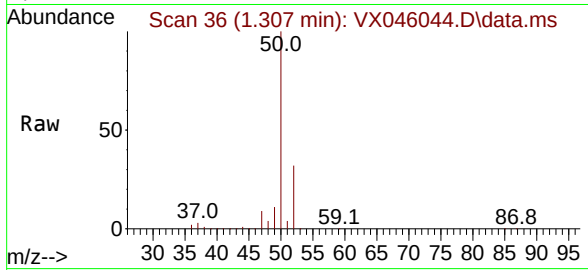
Tgt Ion: 85 Resp: 217793
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





#3
Chloromethane
Concen: 109.161 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

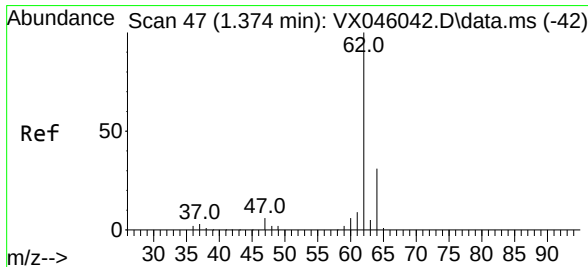
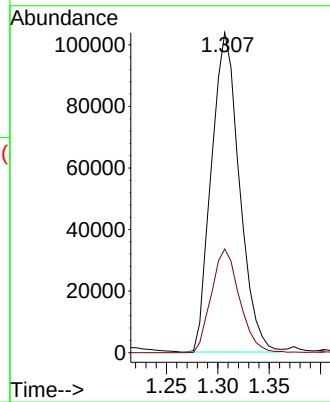
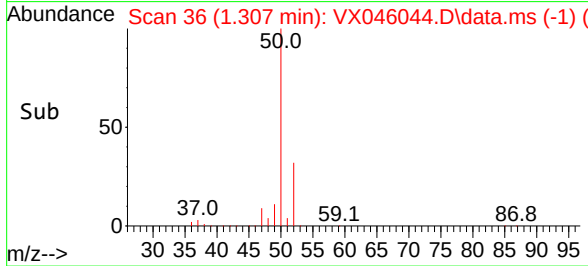
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 19684
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

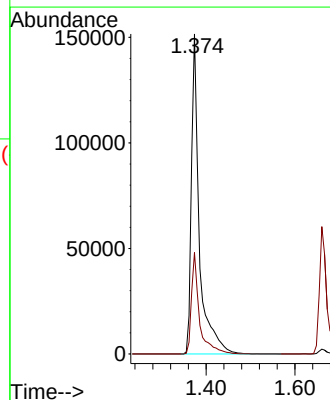
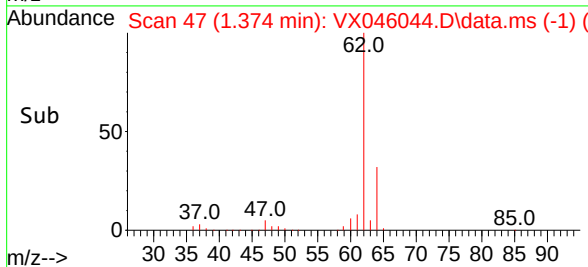
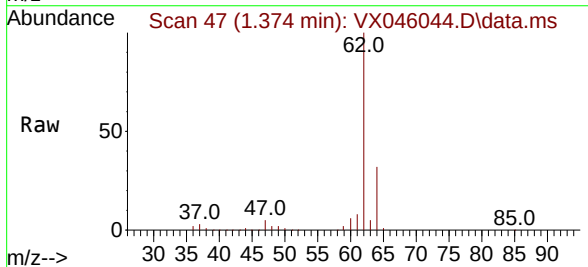
Manual Integrations
APPROVED

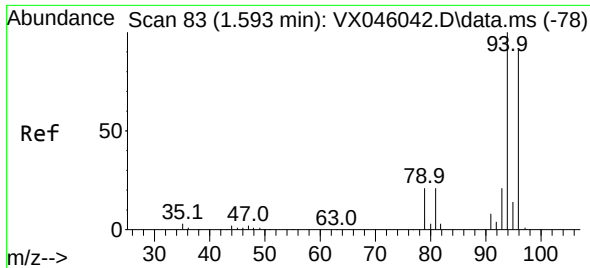
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#4
Vinyl Chloride
Concen: 118.953 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

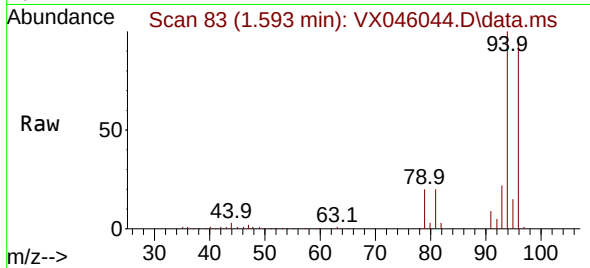
Tgt Ion: 62 Resp: 187924
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5
Bromomethane
Concen: 103.625 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

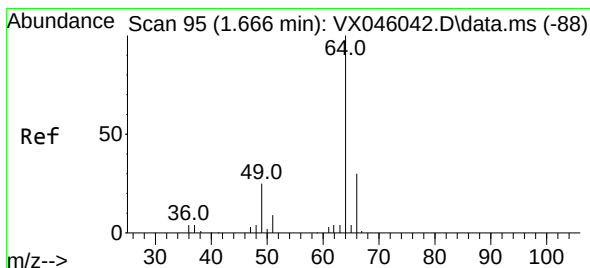
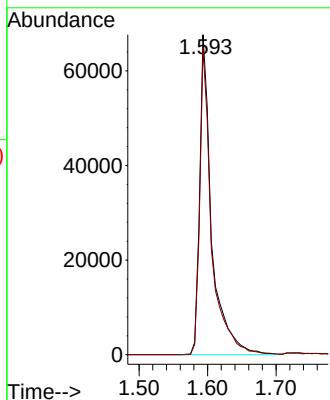
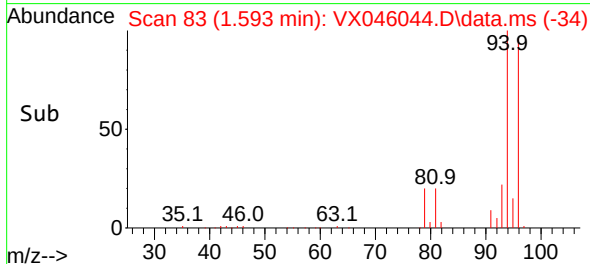
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 83008
Ion Ratio Lower Upper
94 100
96 95.8 72.8 109.2

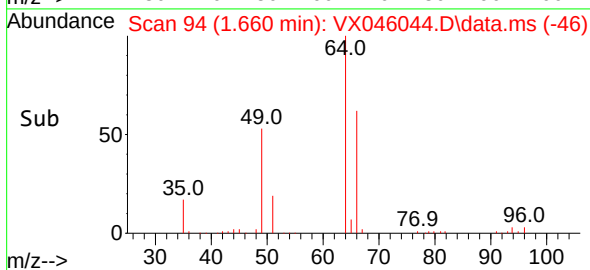
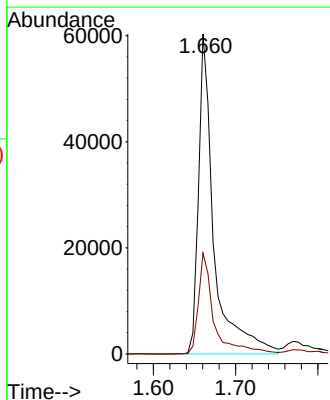
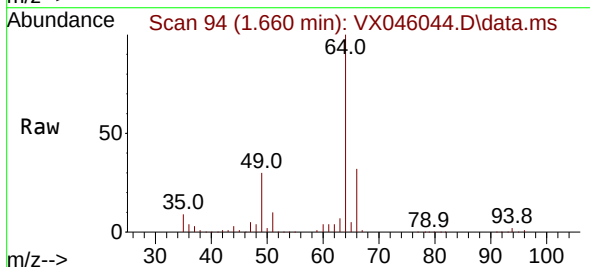
Manual Integrations
APPROVED

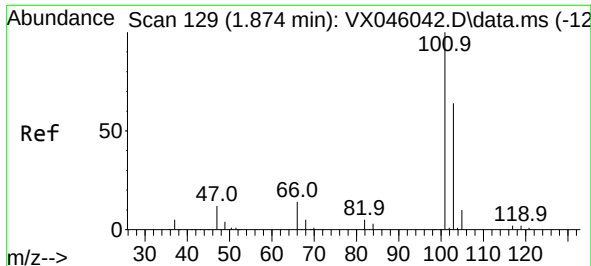
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#6
Chloroethane
Concen: 96.822 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

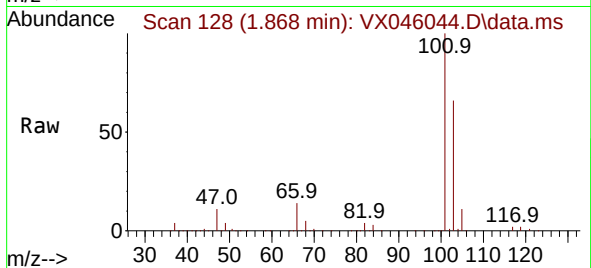
Tgt Ion: 64 Resp: 78806
Ion Ratio Lower Upper
64 100
66 31.3 24.3 36.5





#7
Trichlorofluoromethane
Concen: 101.851 ug/l
RT: 1.868 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

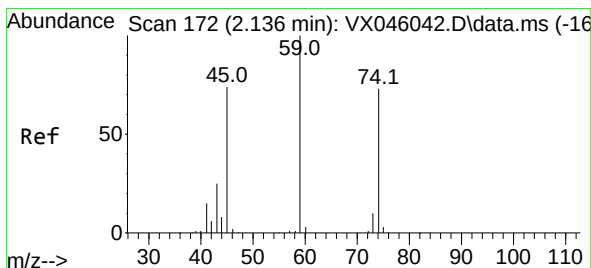
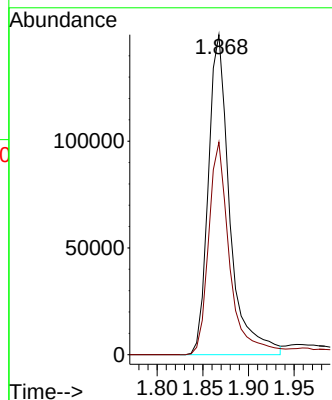
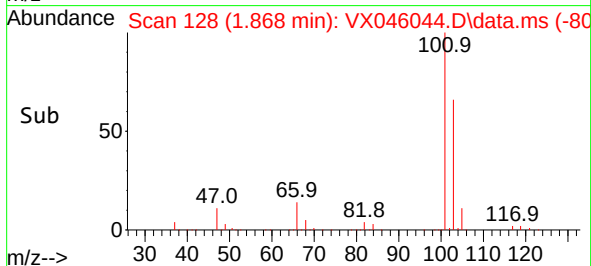
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



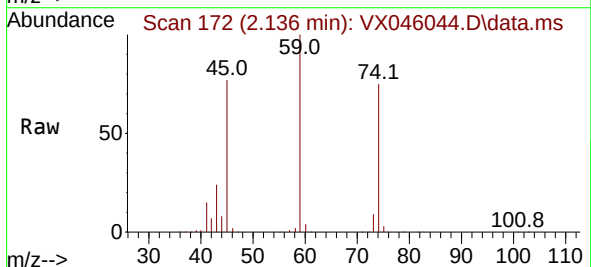
Tgt Ion:101 Resp: 245108
Ion Ratio Lower Upper
101 100
103 66.4 51.0 76.4

Manual Integrations
APPROVED

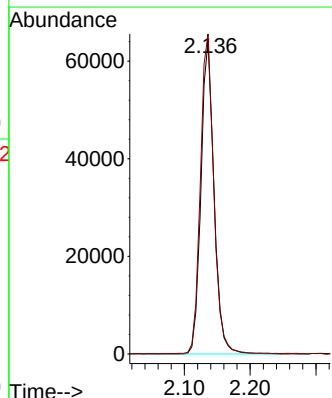
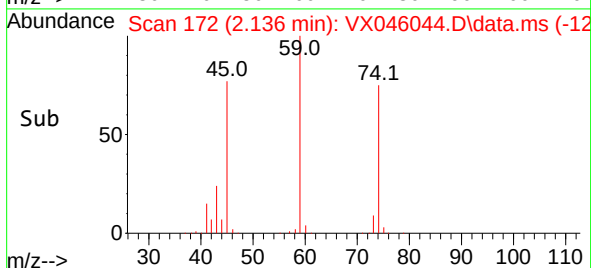
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

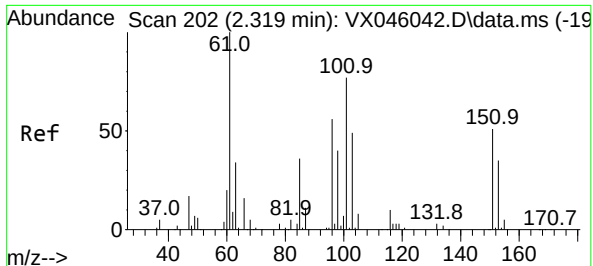


#8
Diethyl Ether
Concen: 111.791 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45



Tgt Ion: 74 Resp: 88441
Ion Ratio Lower Upper
74 100
45 104.7 54.9 164.8





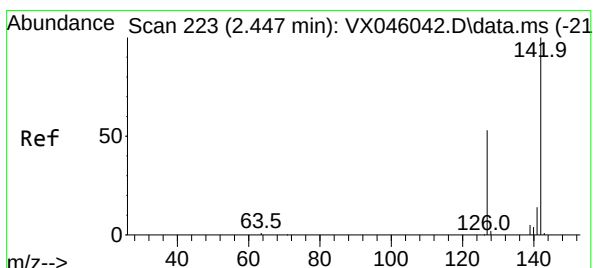
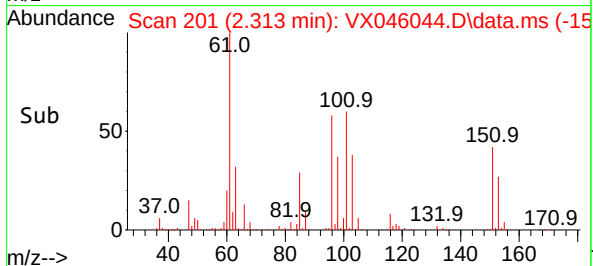
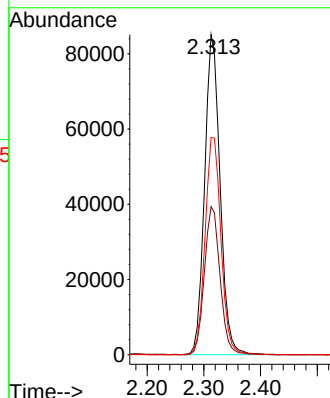
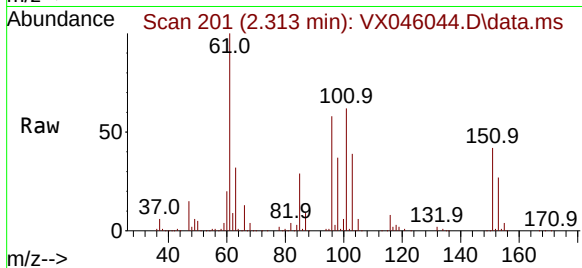
#9
1,1,2-Trichlorotrifluoroethane
Concen: 112.243 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 161404
Ion Ratio Lower Upper
101 100
85 46.8 38.6 58.0
151 69.8 55.2 82.8

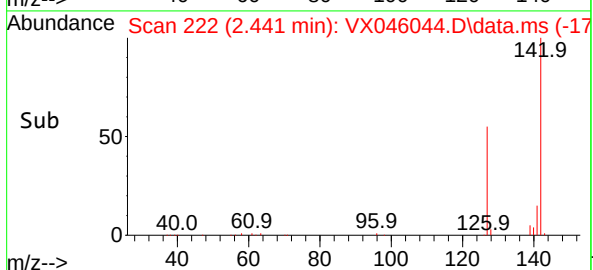
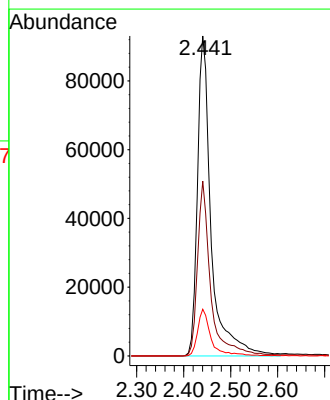
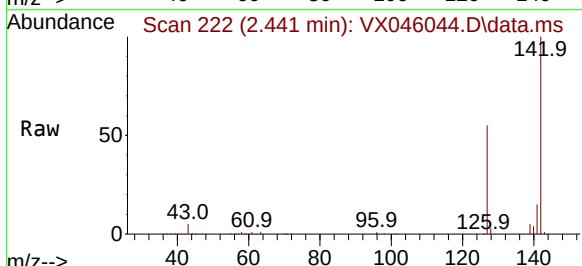
Manual Integrations
APPROVED

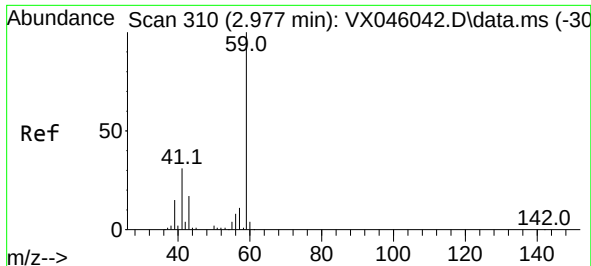
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#10
Methyl Iodide
Concen: 112.441 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

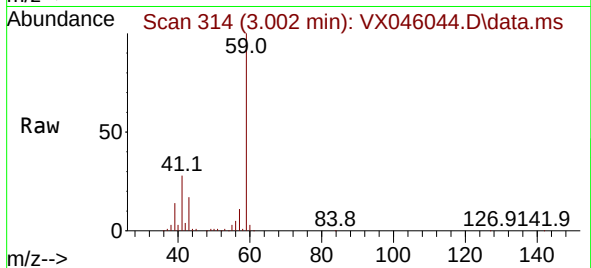
Tgt Ion:142 Resp: 189843
Ion Ratio Lower Upper
142 100
127 52.4 41.7 62.5
141 14.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 616.119 ug/l
RT: 3.002 min Scan# 310
Delta R.T. 0.024 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

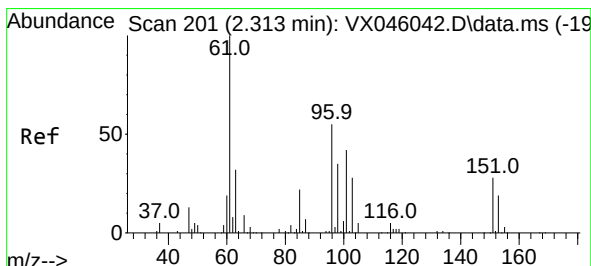
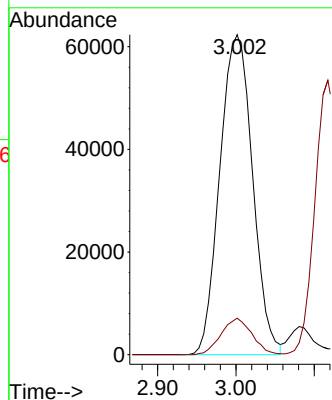
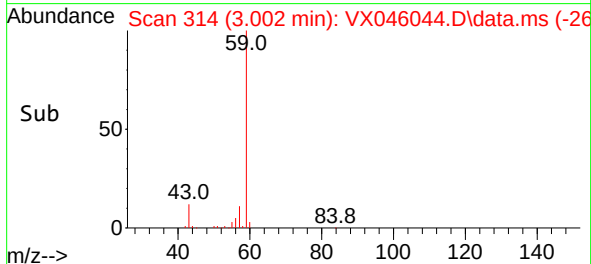
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



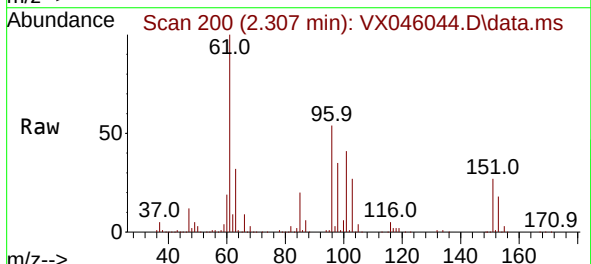
Tgt Ion: 59 Resp: 181238
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

Manual Integrations
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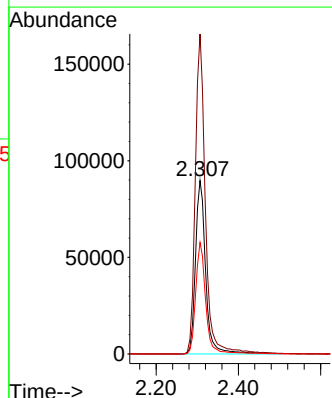
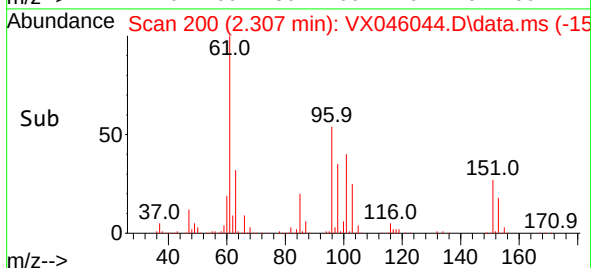
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

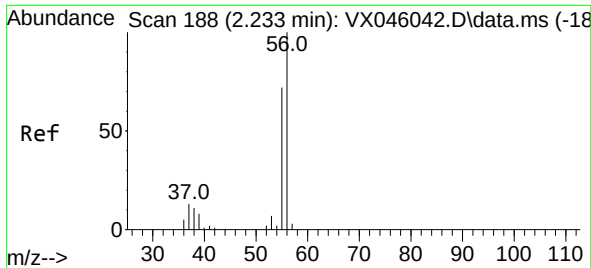


#12
1,1-Dichloroethene
Concen: 111.039 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45



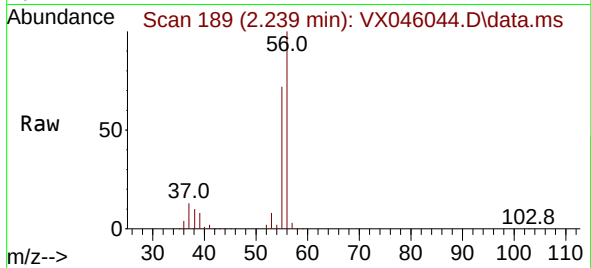
Tgt Ion: 96 Resp: 155451
Ion Ratio Lower Upper
96 100
61 184.5 146.2 219.2
98 64.3 51.0 76.6





#13
Acrolein
Concen: 594.872 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

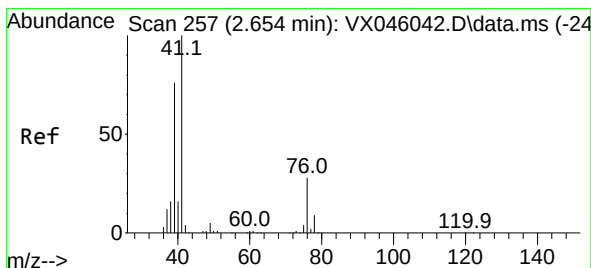
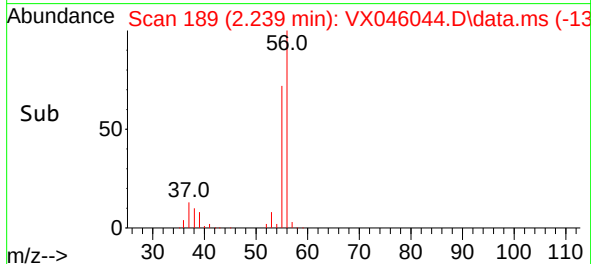
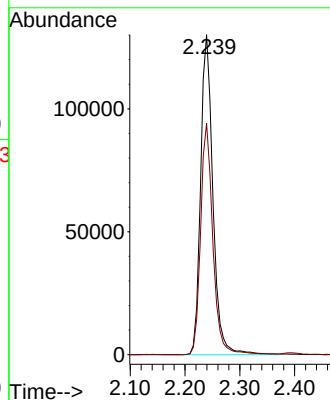
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 20325
Ion Ratio Lower Upper
56 100
55 72.1 56.2 84.4

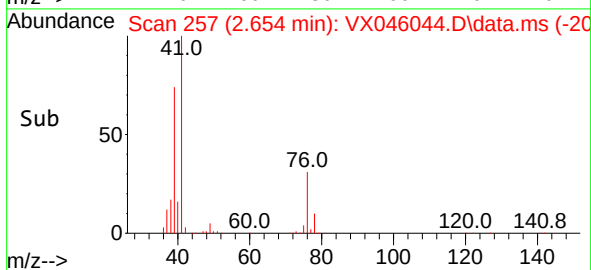
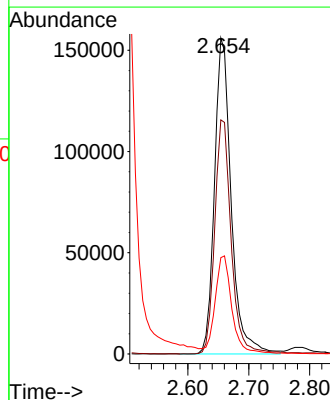
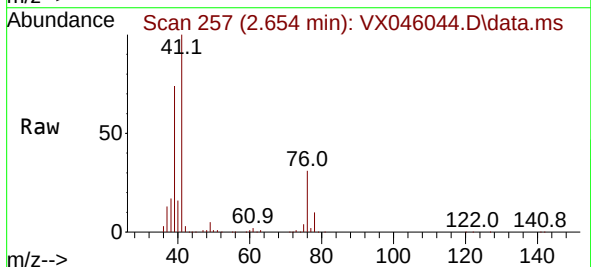
Manual Integrations
APPROVED

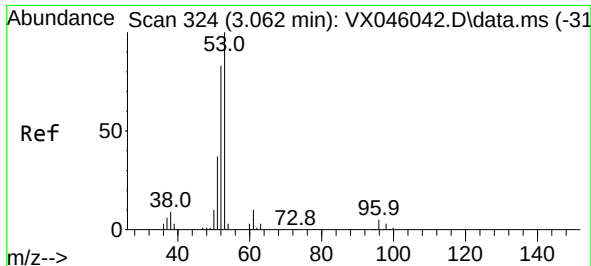
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#14
Allyl chloride
Concen: 112.561 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

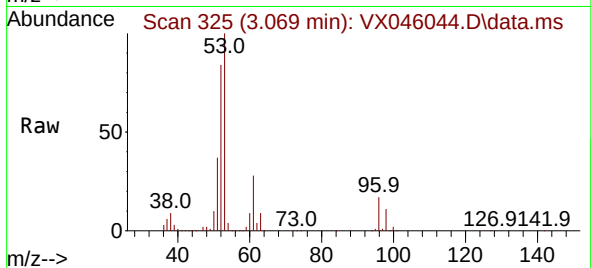
Tgt Ion: 41 Resp: 297776
Ion Ratio Lower Upper
41 100
39 73.7 60.6 90.8
76 31.8 24.9 37.3





#15
Acrylonitrile
Concen: 550.973 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

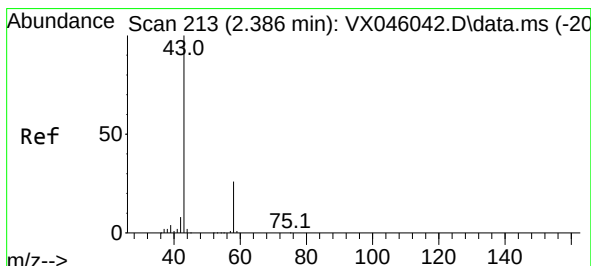
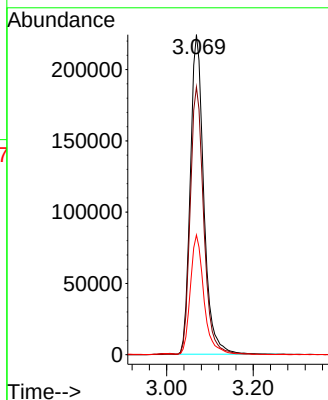
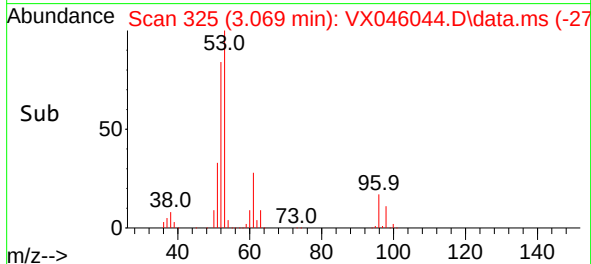
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 484854
Ion Ratio Lower Upper
53 100
52 84.2 65.3 97.9
51 37.5 29.8 44.8

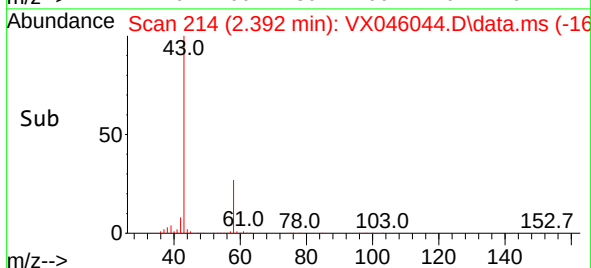
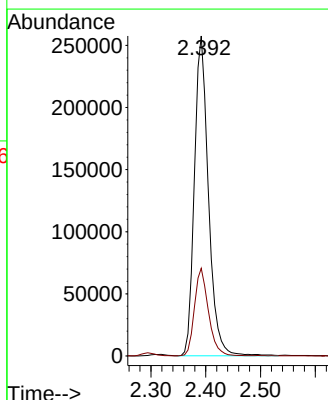
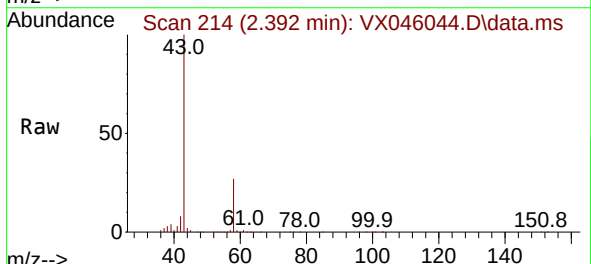
Manual Integrations
APPROVED

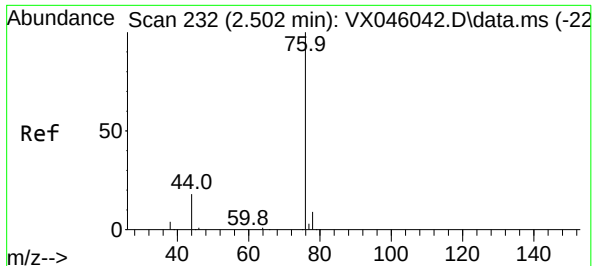
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#16
Acetone
Concen: 545.754 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 43 Resp: 460820
Ion Ratio Lower Upper
43 100
58 27.3 21.2 31.8





#17

Carbon Disulfide

Concen: 122.499 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 39735

Ion Ratio Lower Upper

76 100

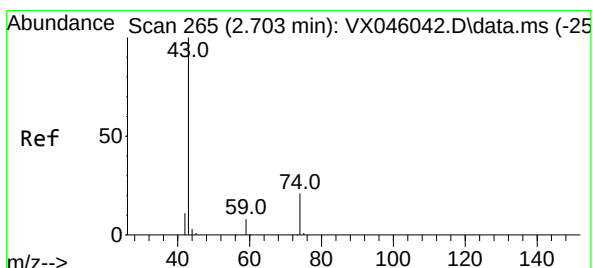
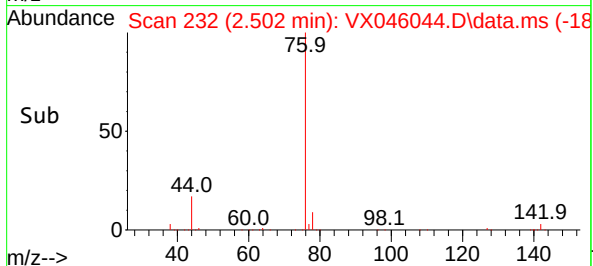
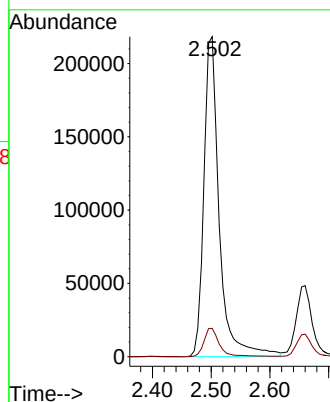
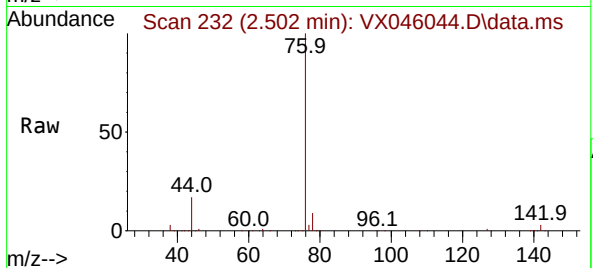
78 8.8 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#18

Methyl Acetate

Concen: 108.099 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX046044.D

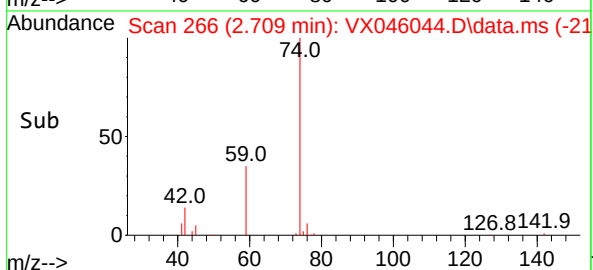
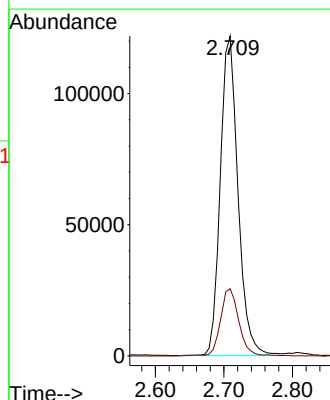
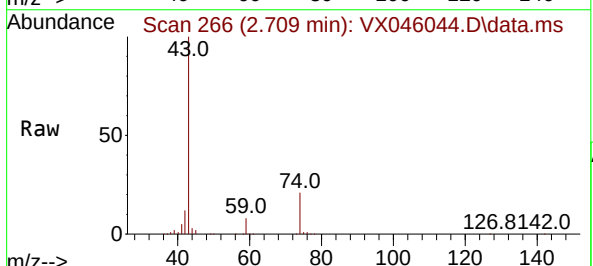
Acq: 05 May 2025 12:45

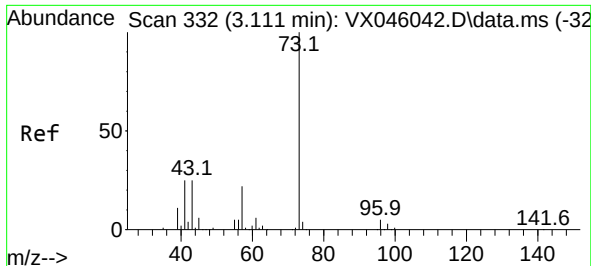
Tgt Ion: 43 Resp: 217885

Ion Ratio Lower Upper

43 100

74 21.9 16.7 25.1





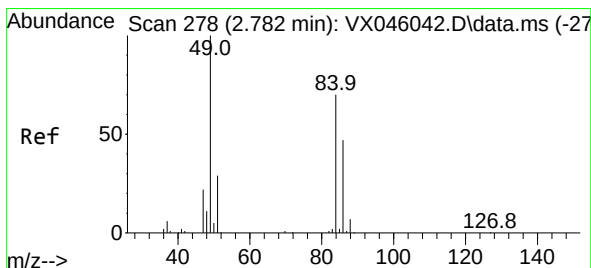
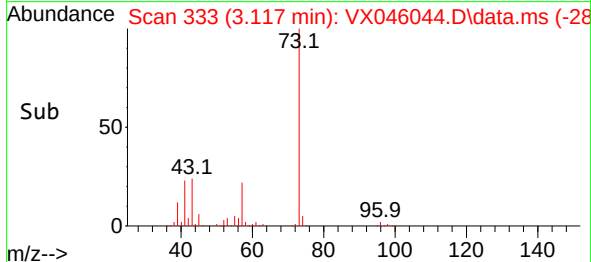
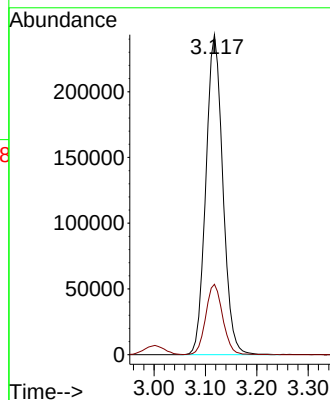
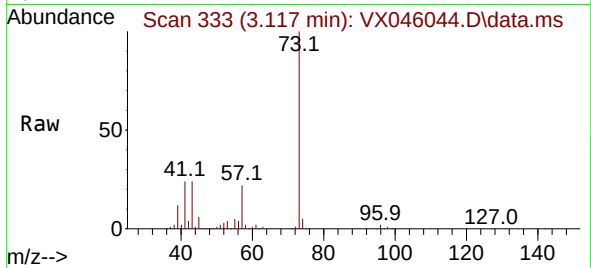
#19
Methyl tert-butyl Ether
Concen: 114.112 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 557210
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

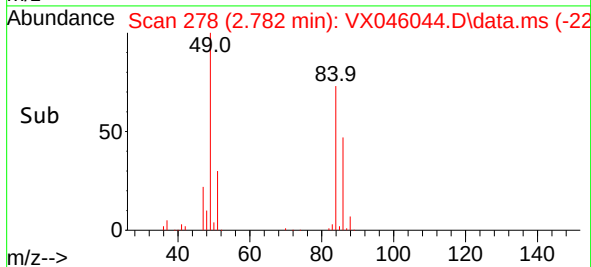
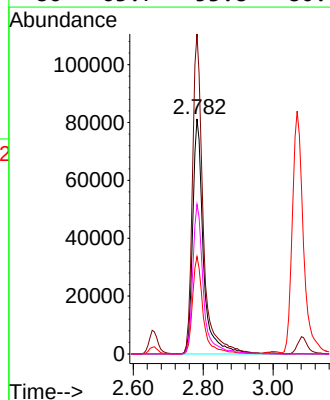
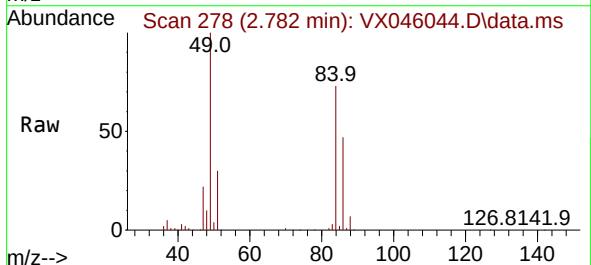
Manual Integrations
APPROVED

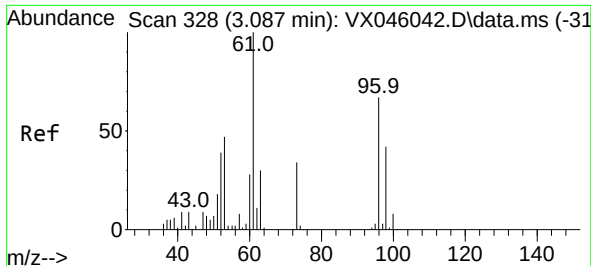
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#20
Methylene Chloride
Concen: 100.579 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

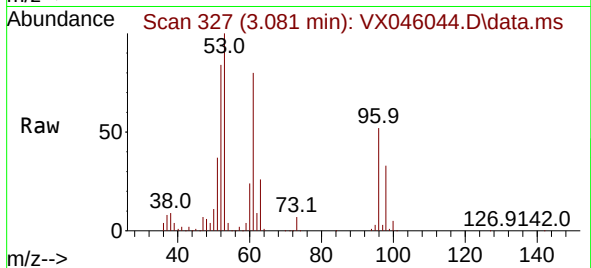
Tgt Ion: 84 Resp: 172035
Ion Ratio Lower Upper
84 100
49 136.0 113.9 170.9
51 41.5 33.5 50.3
86 63.7 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 108.241 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

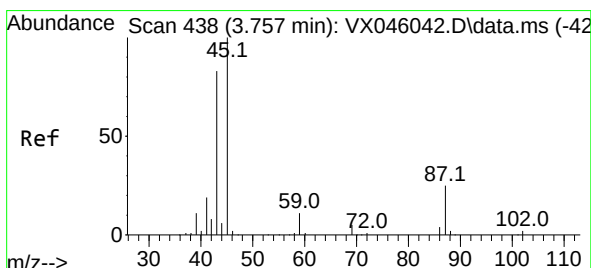
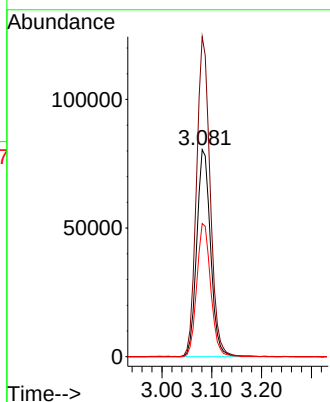
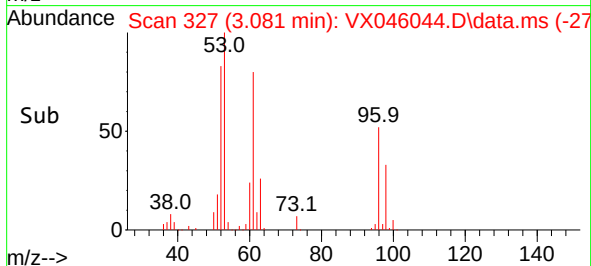
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



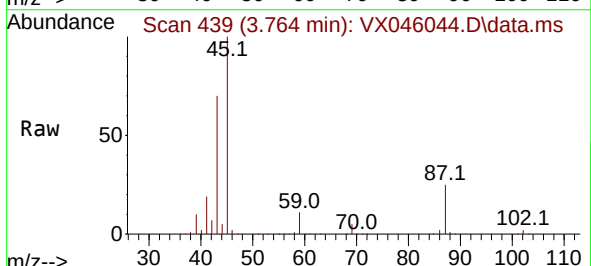
Tgt Ion: 96 Resp: 154694
Ion Ratio Lower Upper
96 100
61 154.6 119.5 179.3
98 64.3 50.0 75.0

Manual Integrations
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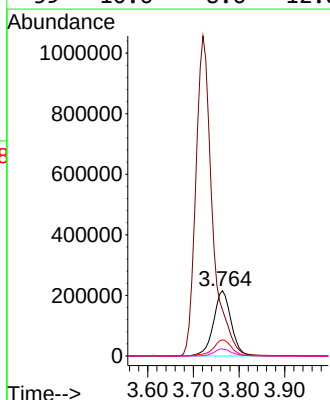
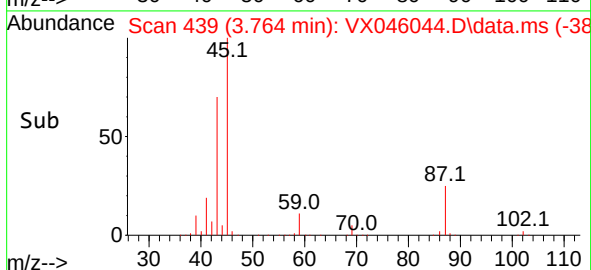
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

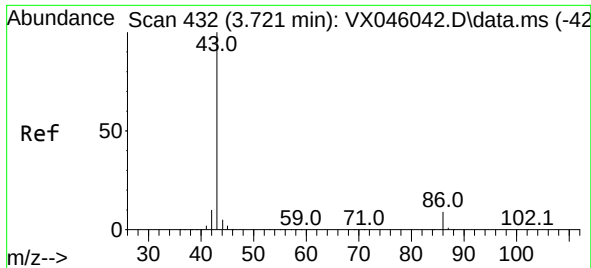


#22
Diisopropyl ether
Concen: 116.858 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45



Tgt Ion: 45 Resp: 577610
Ion Ratio Lower Upper
45 100
43 70.3 66.6 100.0
87 24.7 19.8 29.6
59 10.6 8.6 12.8





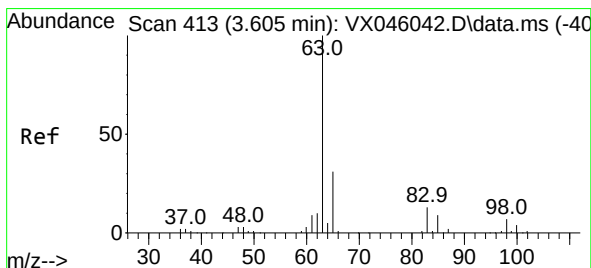
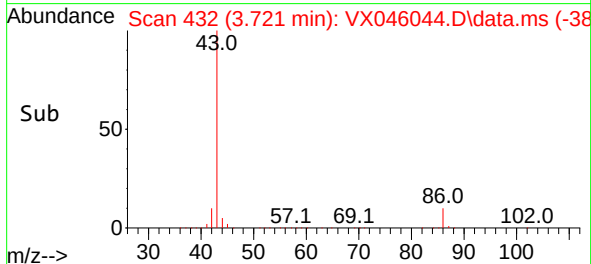
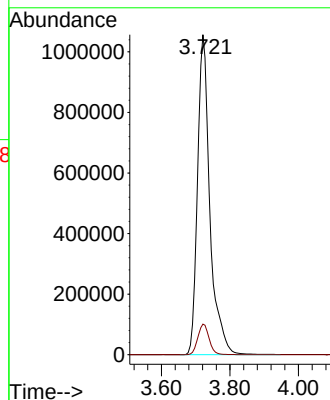
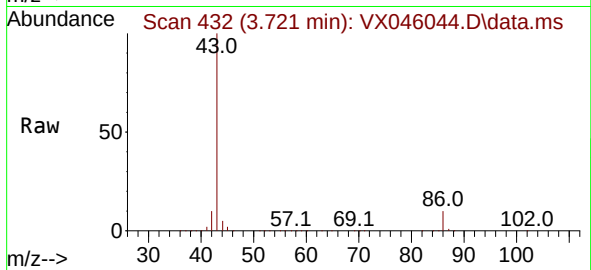
#23
 Vinyl Acetate
 Concen: 608.005 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046044.D
 Acq: 05 May 2025 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 265575
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3

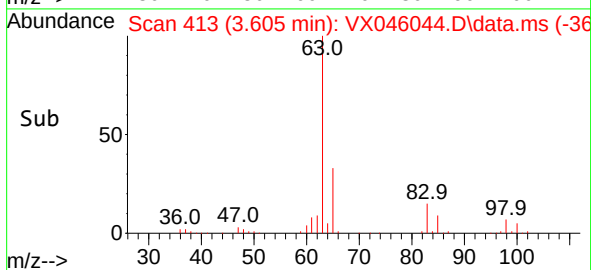
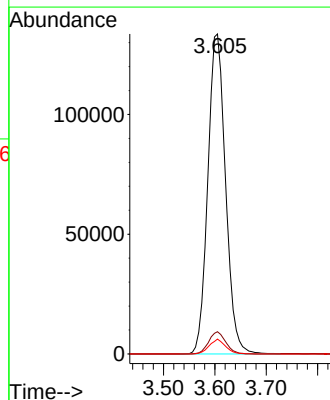
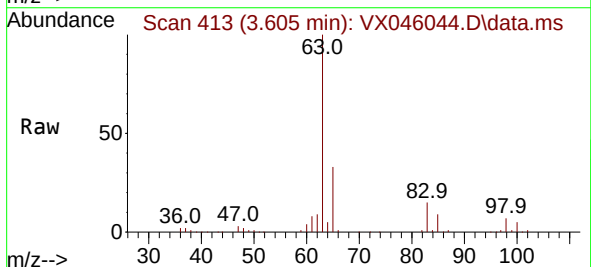
Manual Integrations
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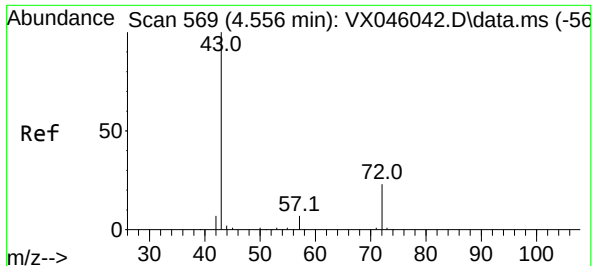
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#24
 1,1-Dichloroethane
 Concen: 110.182 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046044.D
 Acq: 05 May 2025 12:45

Tgt Ion: 63 Resp: 320083
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.7 2.1 6.3





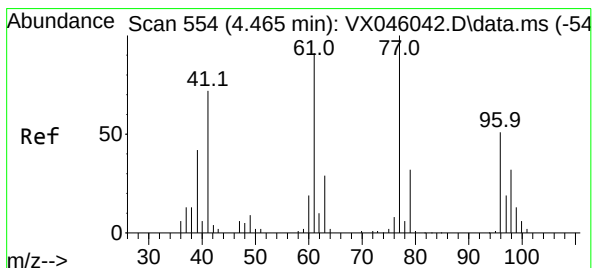
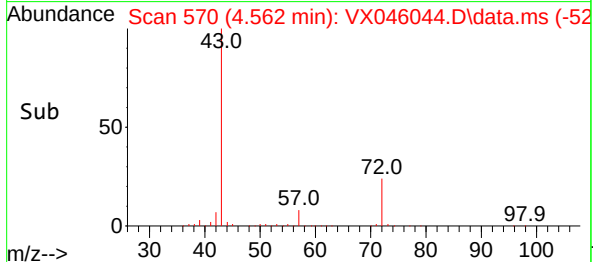
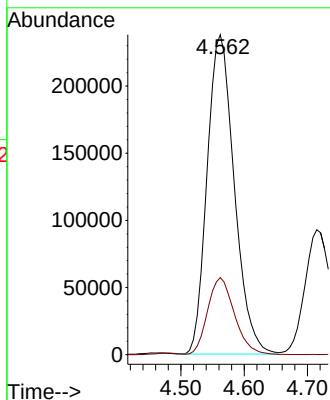
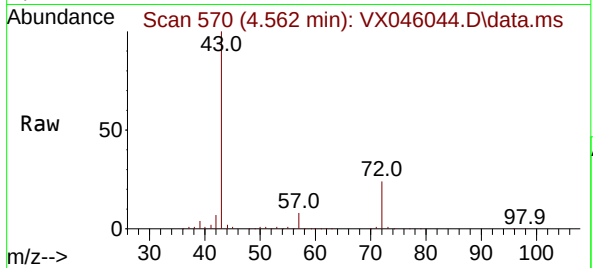
#25
2-Butanone
Concen: 581.292 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 70846
Ion Ratio Lower Upper
43 100
72 24.0 18.4 27.6

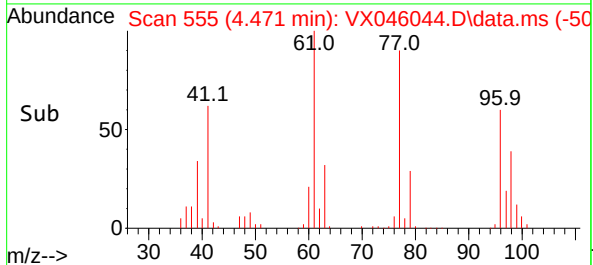
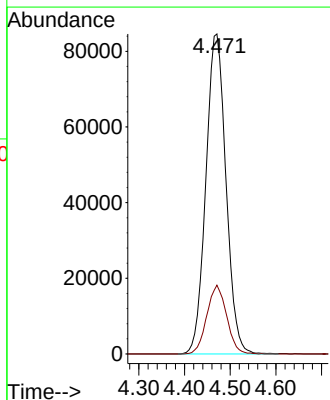
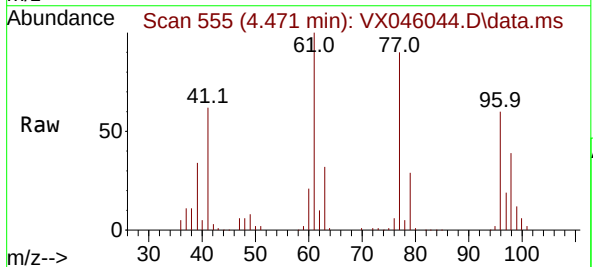
Manual Integrations
APPROVED

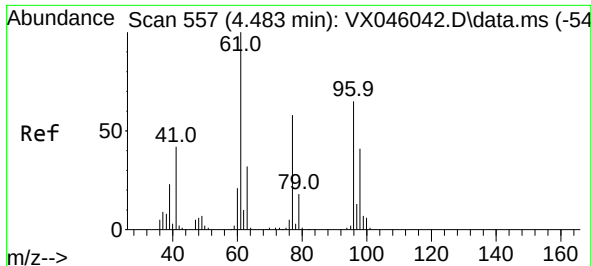
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#26
2,2-Dichloropropane
Concen: 117.548 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 77 Resp: 258698
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 108.994 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 18783

Ion Ratio Lower Upper

96 100

61 159.8 0.0 322.8

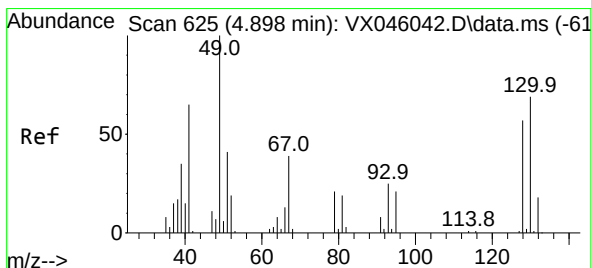
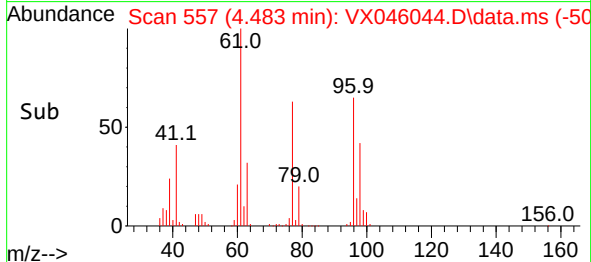
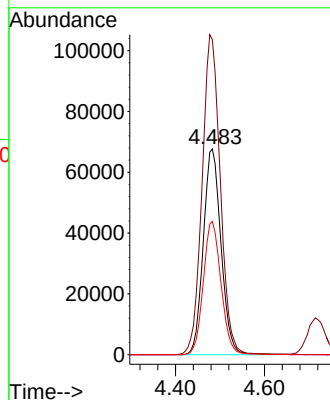
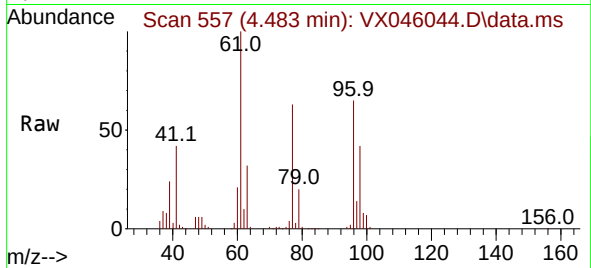
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#28

Bromochloromethane

Concen: 95.108 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

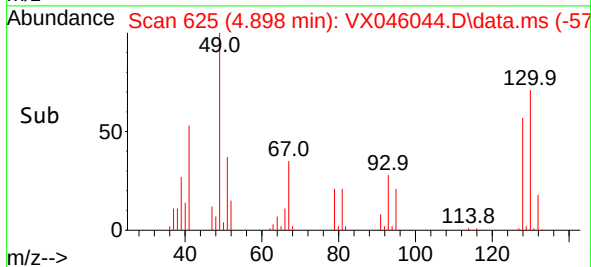
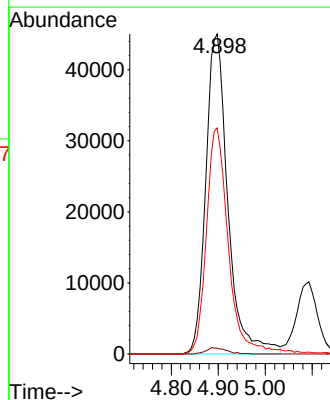
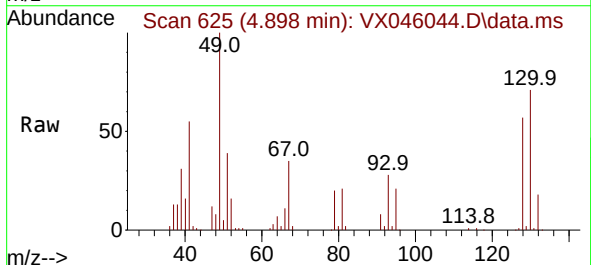
Tgt Ion: 49 Resp: 146923

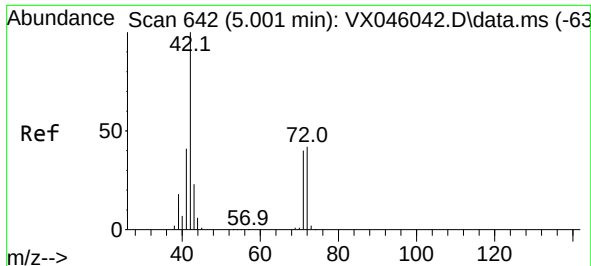
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 70.5 56.2 84.2





#29

Tetrahydrofuran

Concen: 569.081 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 450450

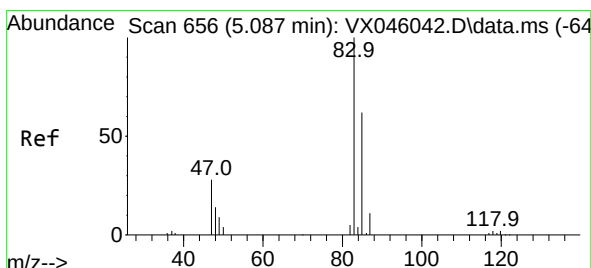
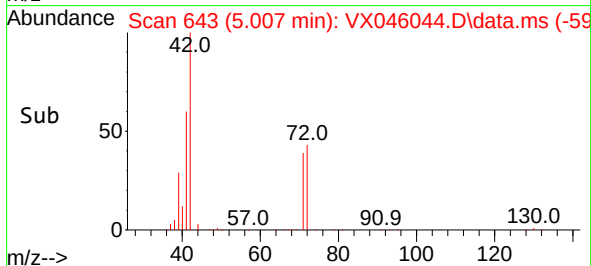
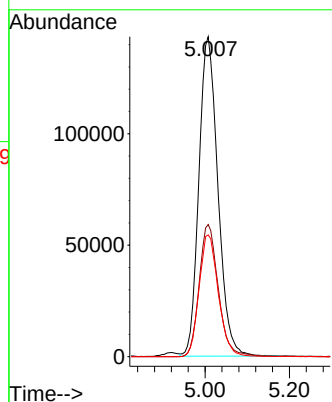
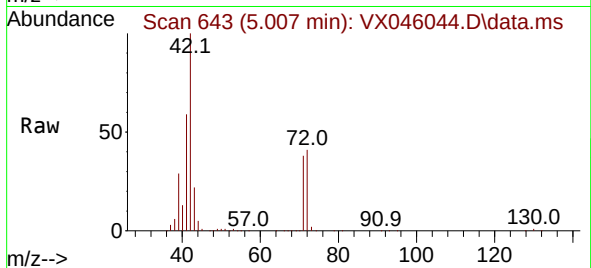
Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.7	50.5
71	38.7	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#30

Chloroform

Concen: 107.208 ug/l

RT: 5.087 min Scan# 656

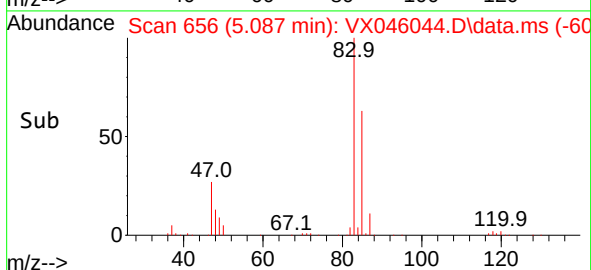
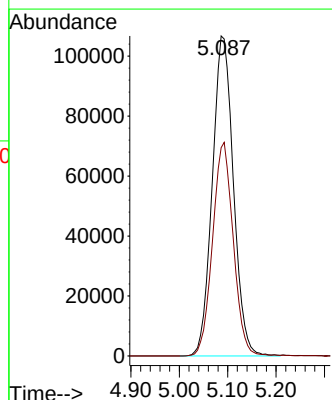
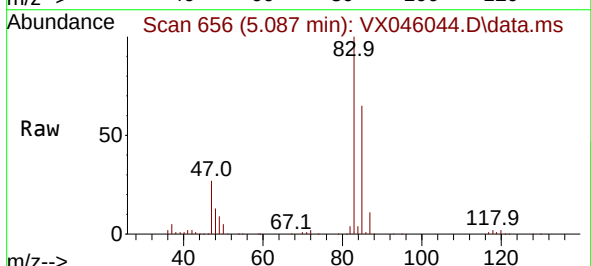
Delta R.T. 0.000 min

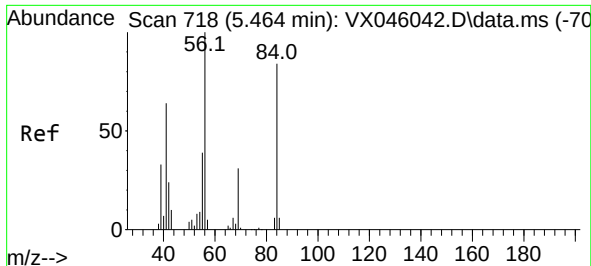
Lab File: VX046044.D

Acq: 05 May 2025 12:45

Tgt Ion: 83 Resp: 323659

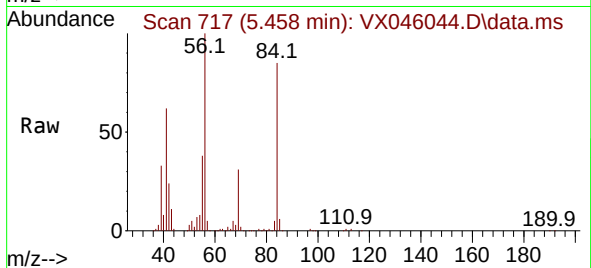
Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.3	73.9





#31
Cyclohexane
Concen: 116.934 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

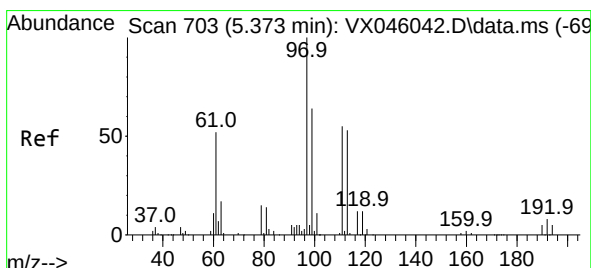
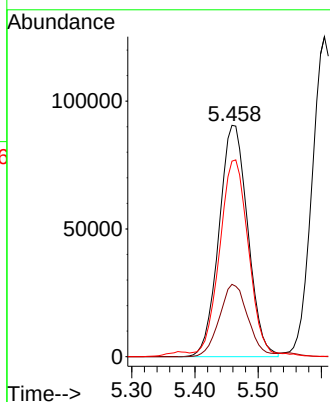
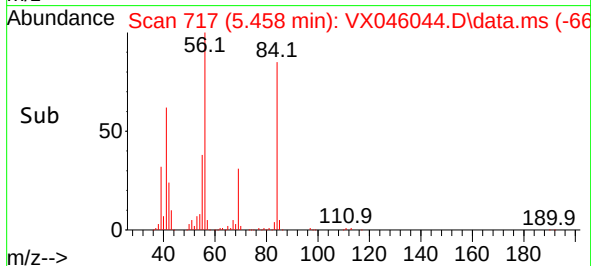
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



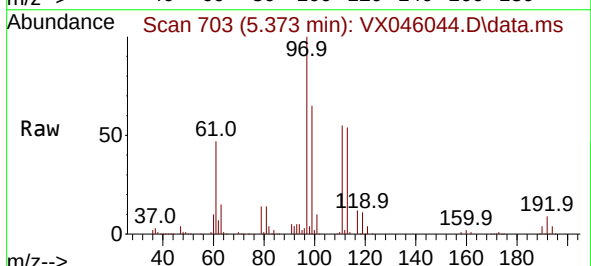
Tgt Ion: 56 Resp: 28631
Ion Ratio Lower Upper
56 100
69 31.2 24.4 36.6
84 82.8 66.9 100.3

Manual Integrations
APPROVED

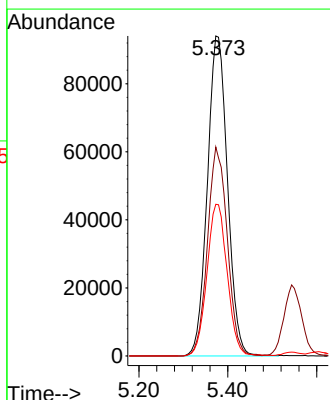
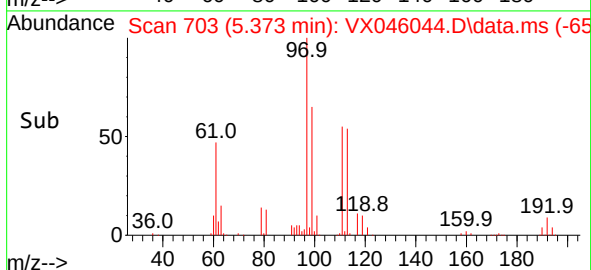
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

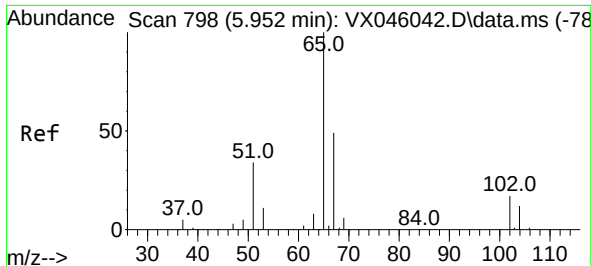


#32
1,1,1-Trichloroethane
Concen: 113.572 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45



Tgt Ion: 97 Resp: 295702
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 48.0 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 93.983 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 231952

Ion Ratio Lower Upper

65 100

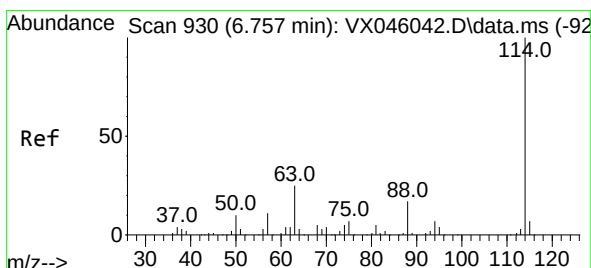
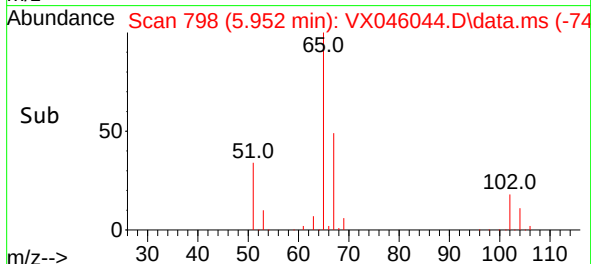
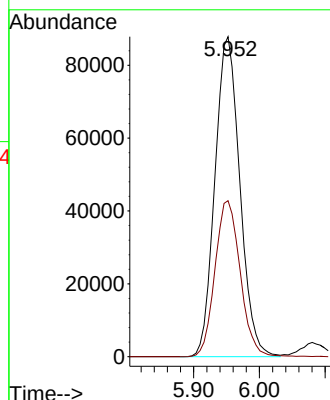
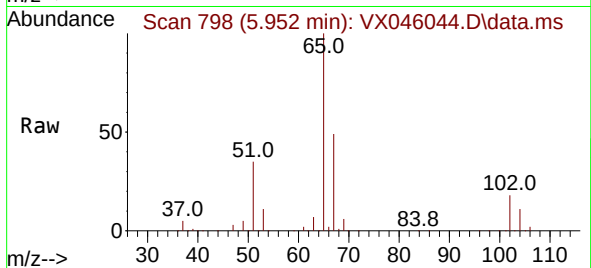
67 49.4 0.0 99.0

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: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

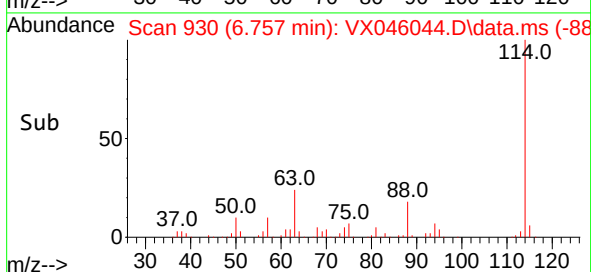
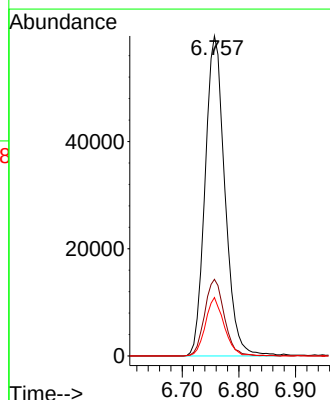
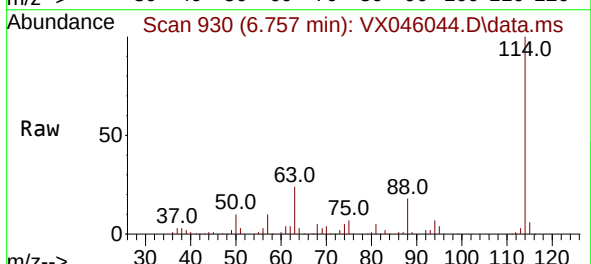
Tgt Ion:114 Resp: 144975

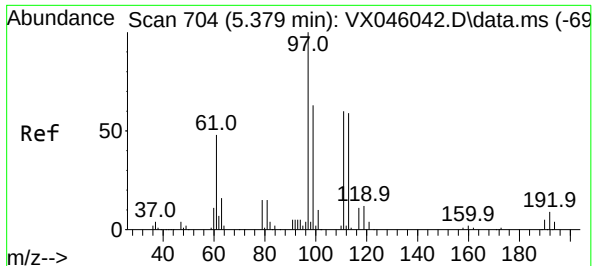
Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

88 18.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 98.562 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 16016

Ion Ratio Lower Upper

113 100

111 103.0 83.1 124.7

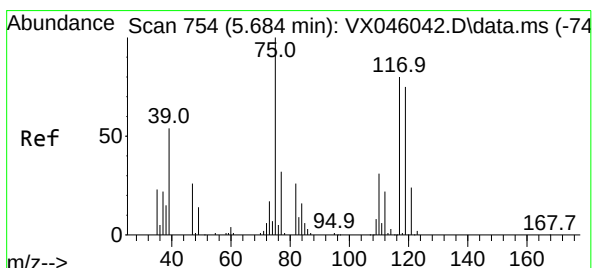
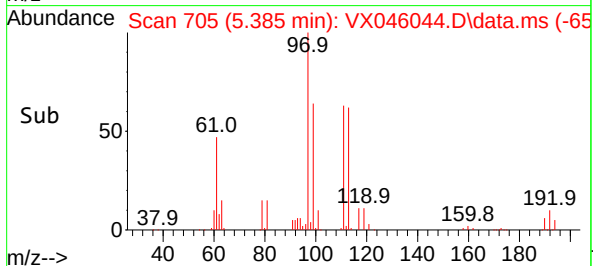
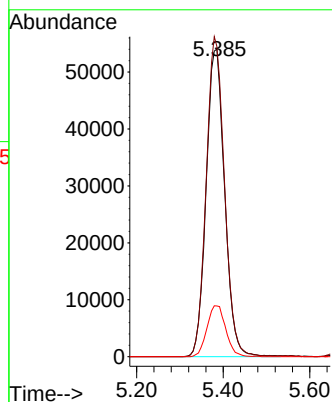
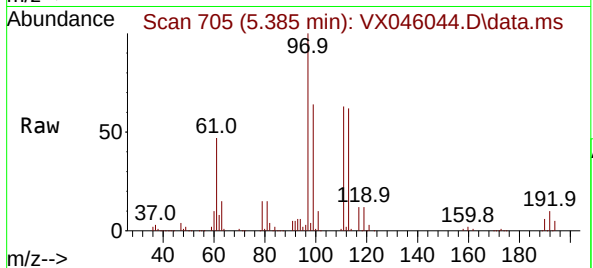
192 16.9 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#36

1,1-Dichloropropene

Concen: 116.462 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

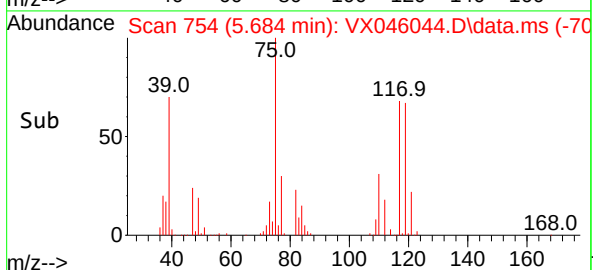
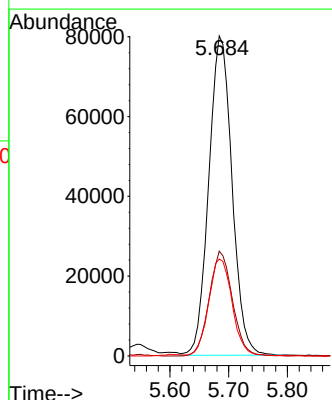
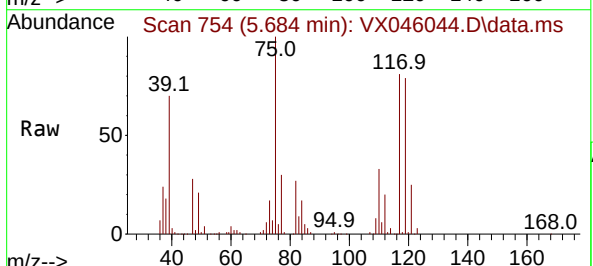
Tgt Ion: 75 Resp: 219731

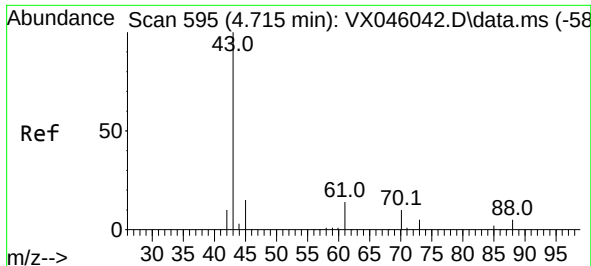
Ion Ratio Lower Upper

75 100

110 32.9 16.3 48.9

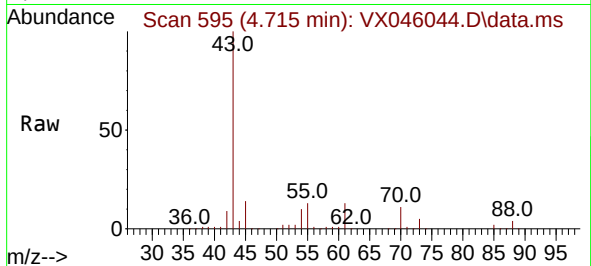
77 30.8 24.3 36.5





#37
Ethyl Acetate
Concen: 115.889 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

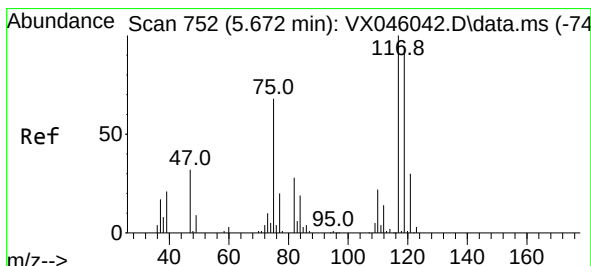
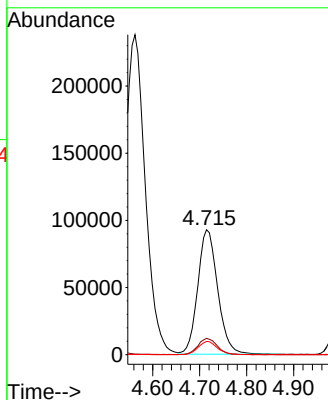
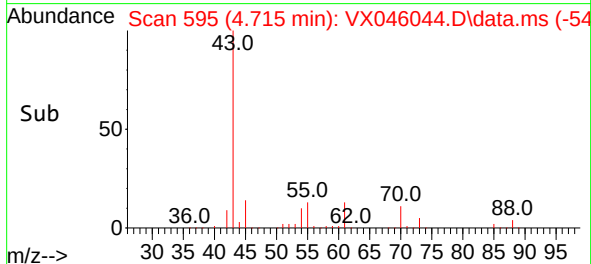
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 274312
Ion Ratio Lower Upper
43 100
61 12.5 10.3 15.5
70 10.2 7.9 11.9

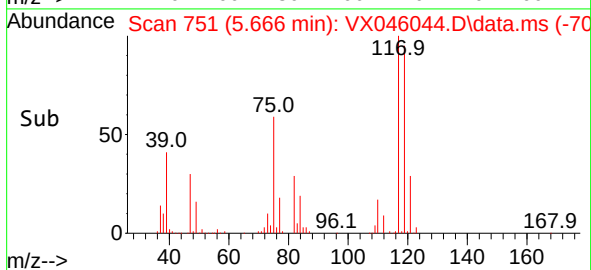
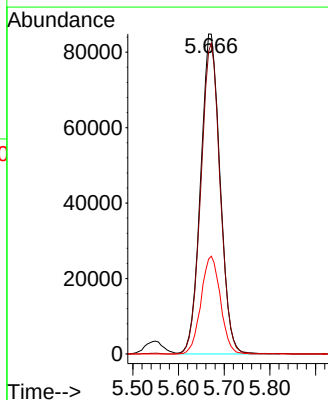
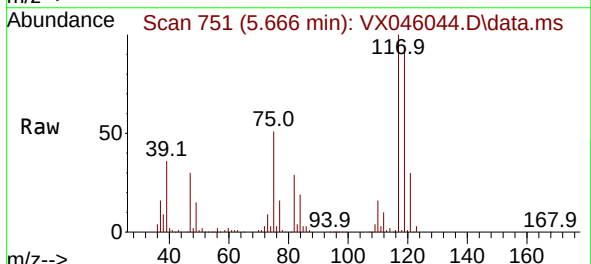
Manual Integrations
APPROVED

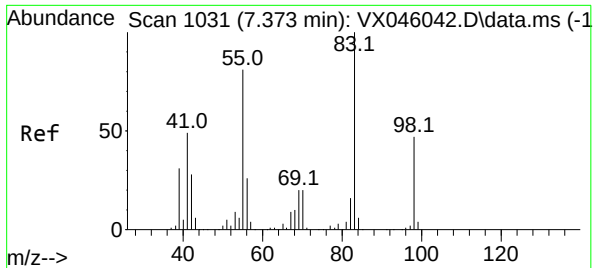
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#38
Carbon Tetrachloride
Concen: 115.760 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:117 Resp: 250916
Ion Ratio Lower Upper
117 100
119 94.3 75.2 112.8
121 29.7 24.2 36.4





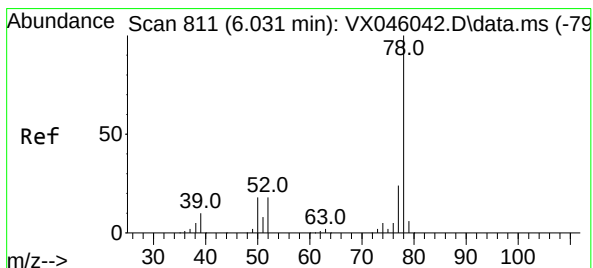
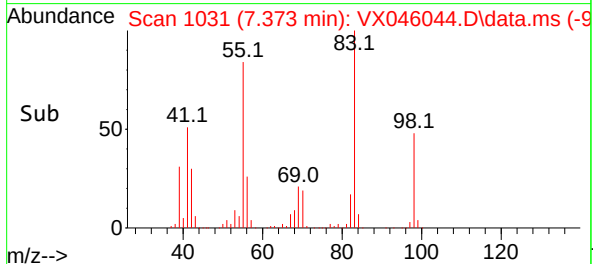
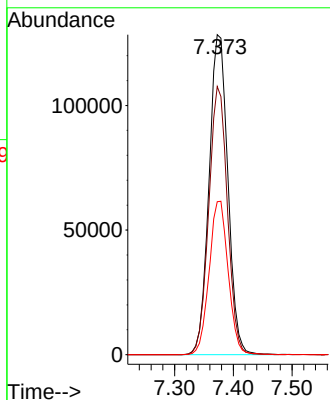
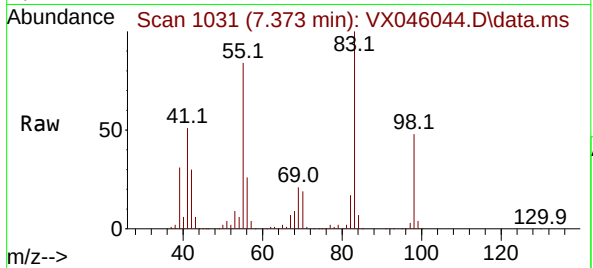
#39
Methylcyclohexane
Concen: 121.107 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 28631
Ion Ratio Lower Upper
83 100
55 83.8 64.7 97.1
98 47.8 37.4 56.2

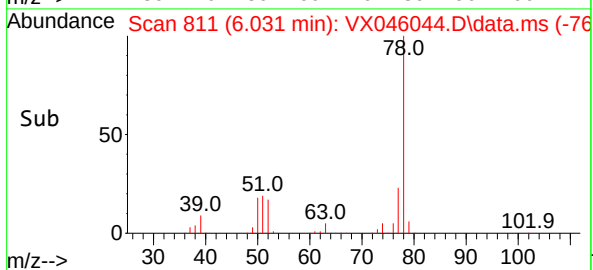
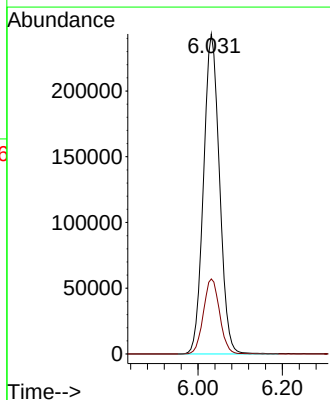
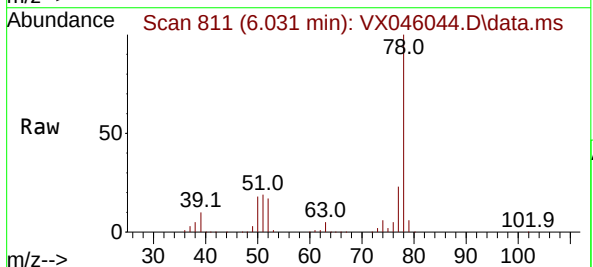
Manual Integrations
APPROVED

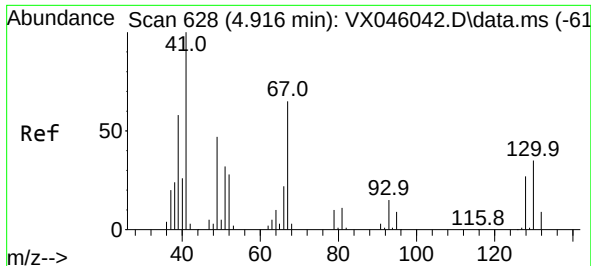
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#40
Benzene
Concen: 109.813 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 78 Resp: 642178
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





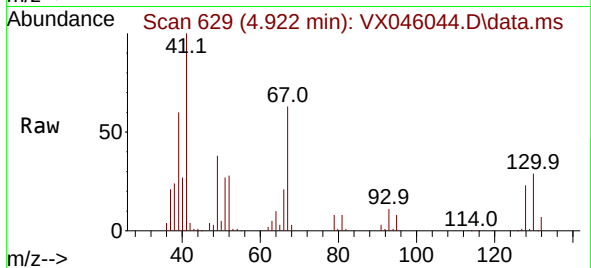
#41
Methacrylonitrile
Concen: 115.139 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



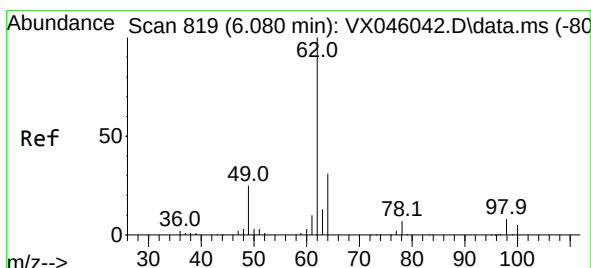
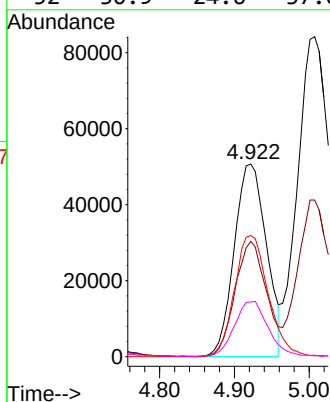
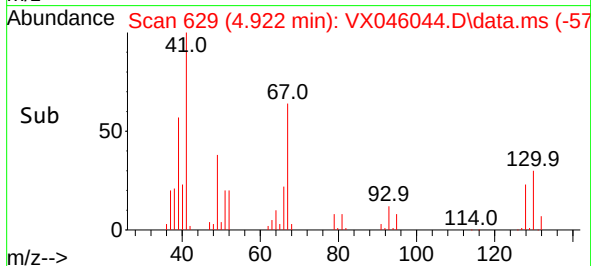
Tgt Ion: 41 Resp: 151424
Ion Ratio Lower Upper
41 100
39 60.0 47.2 70.8
67 65.9 50.7 76.1
52 30.9 24.6 37.0

Manual Integrations

APPROVED

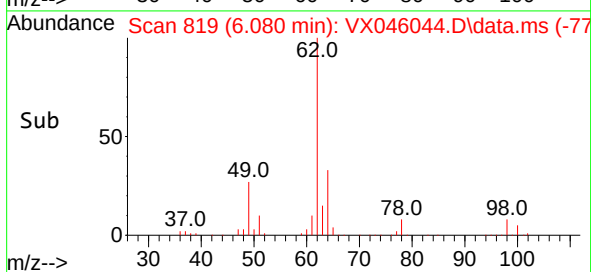
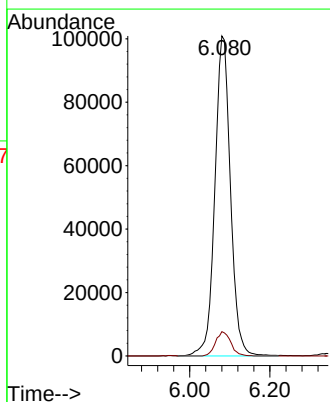
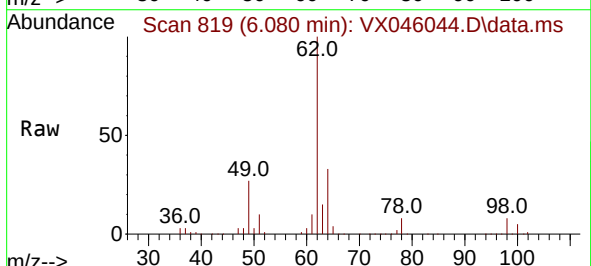
Reviewed By :John Carlone 05/06/2025

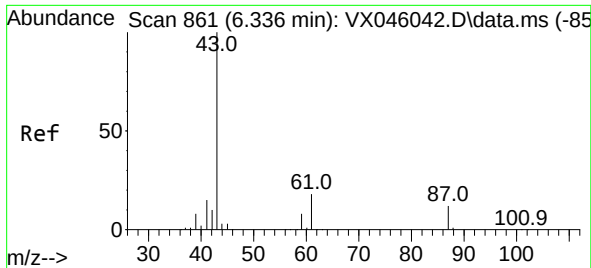
Supervised By :Mahesh Dadoda 05/06/2025



#42
1,2-Dichloroethane
Concen: 112.492 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 62 Resp: 271992
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43

Isopropyl Acetate

Concen: 123.780 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 44787

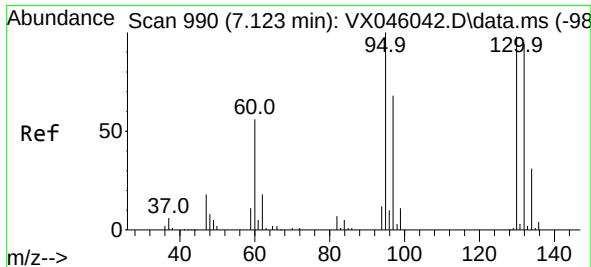
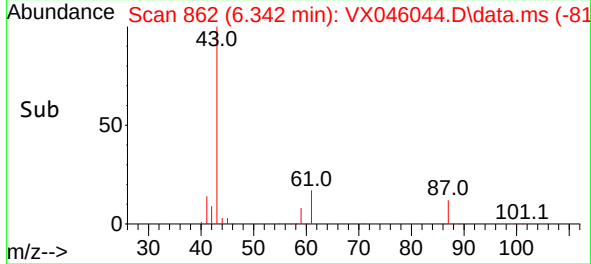
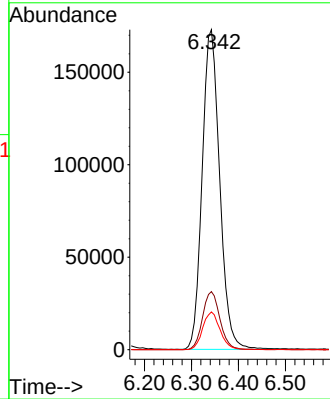
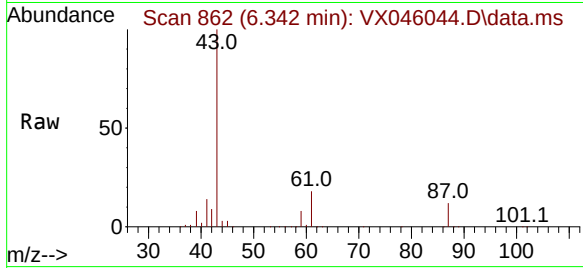
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.3	21.5
87	11.7	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#44

Trichloroethene

Concen: 114.032 ug/l

RT: 7.117 min Scan# 989

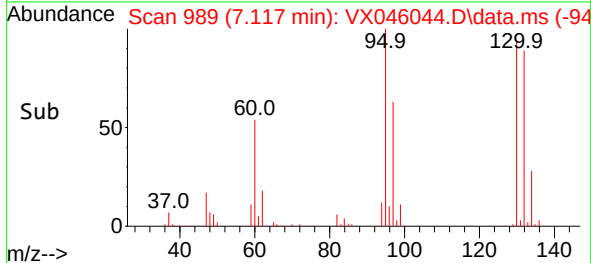
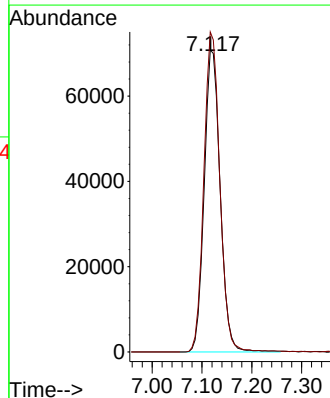
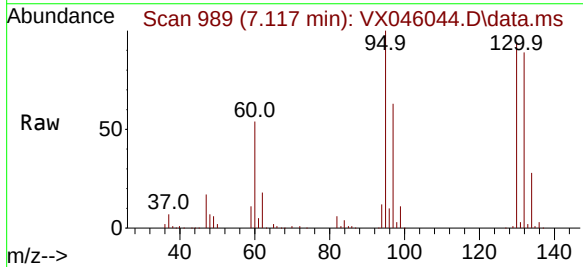
Delta R.T. -0.006 min

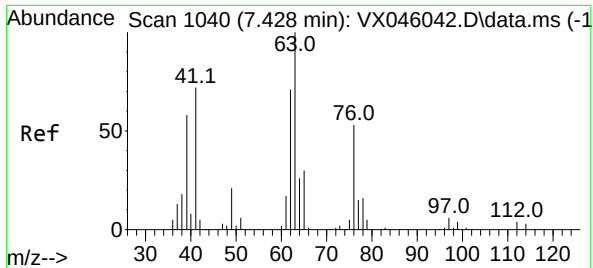
Lab File: VX046044.D

Acq: 05 May 2025 12:45

Tgt Ion:130 Resp: 157641

Ion	Ratio	Lower	Upper
130	100		
95	105.9	0.0	204.2





#45

1,2-Dichloropropane

Concen: 113.217 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 16450

Ion Ratio Lower Upper

63 100

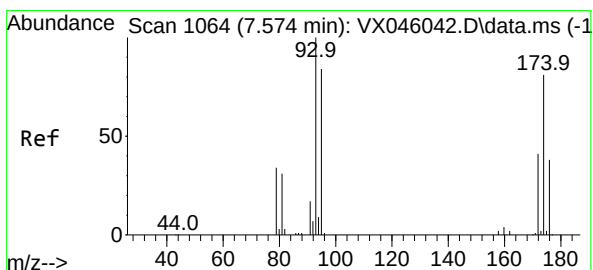
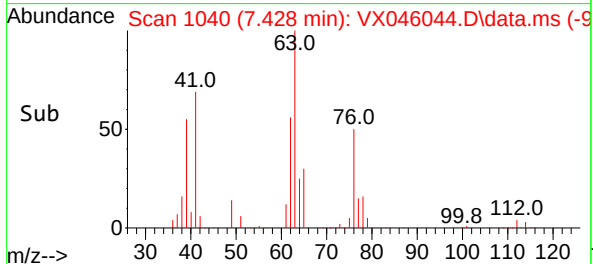
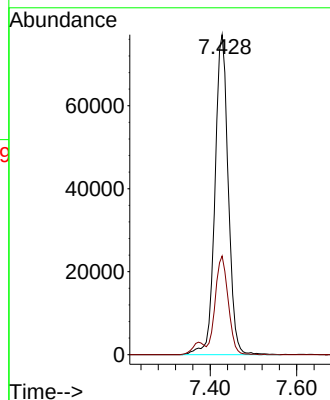
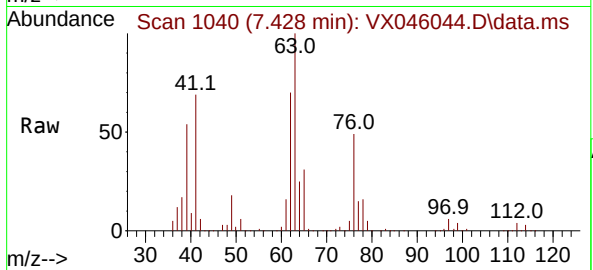
65 30.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#46

Dibromomethane

Concen: 109.869 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

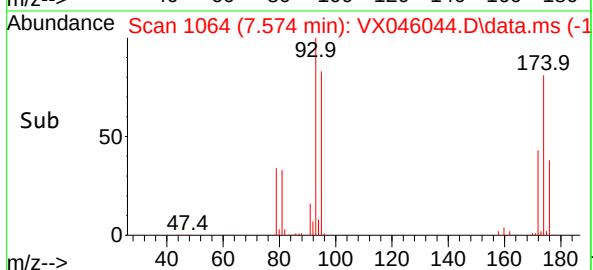
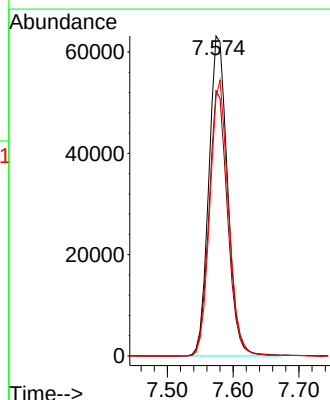
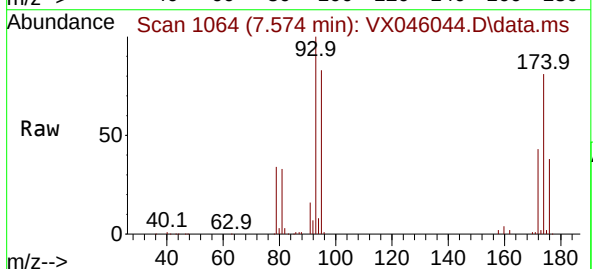
Tgt Ion: 93 Resp: 125846

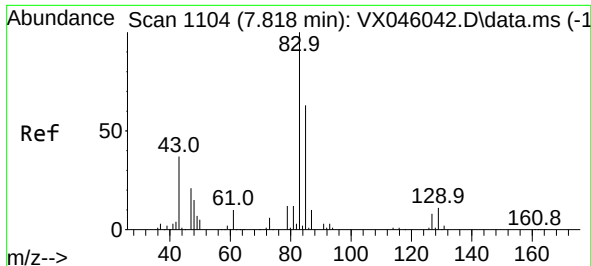
Ion Ratio Lower Upper

93 100

95 82.4 65.6 98.4

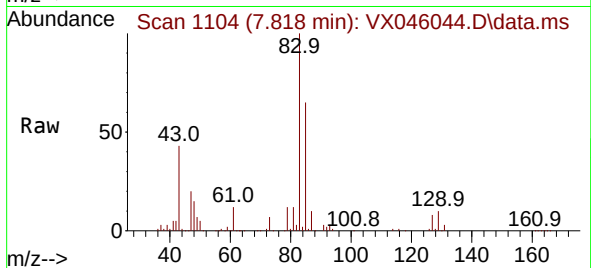
174 85.0 68.2 102.2





#47
Bromodichloromethane
Concen: 116.365 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

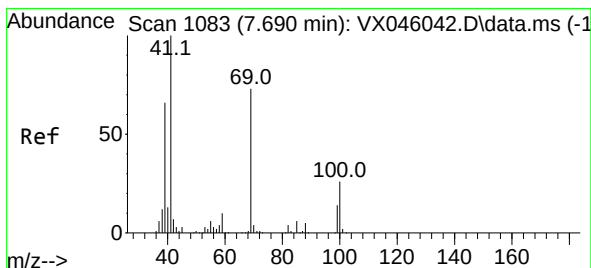
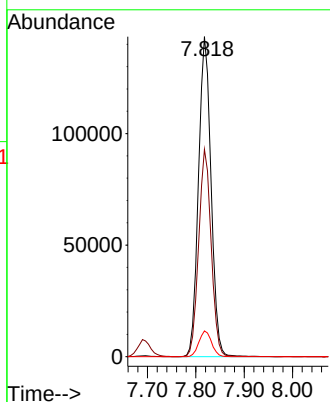
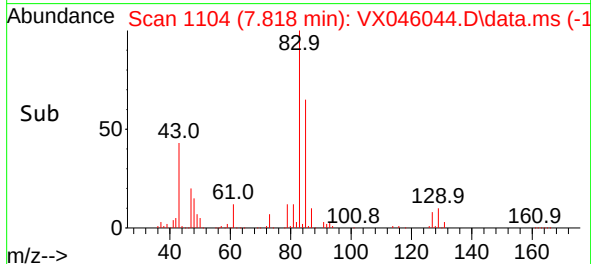
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 258320
Ion Ratio Lower Upper
83 100
85 64.8 50.5 75.7
127 8.0 6.5 9.7

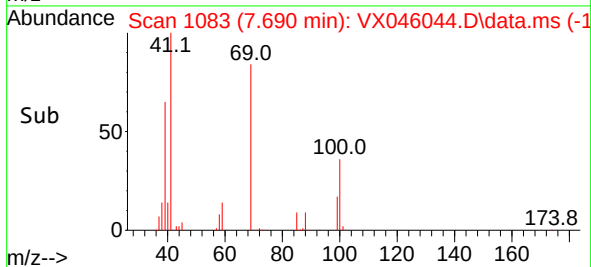
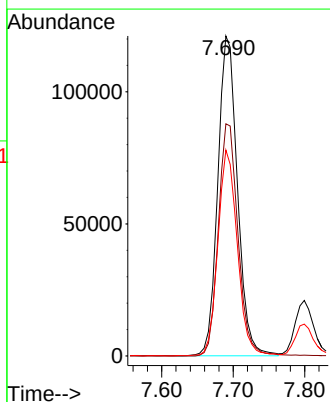
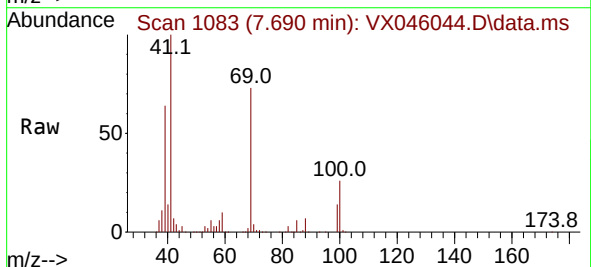
Manual Integrations
APPROVED

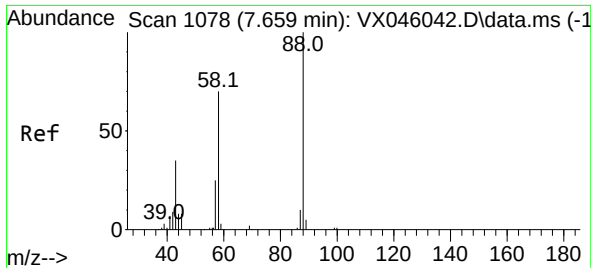
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#48
Methyl methacrylate
Concen: 124.356 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

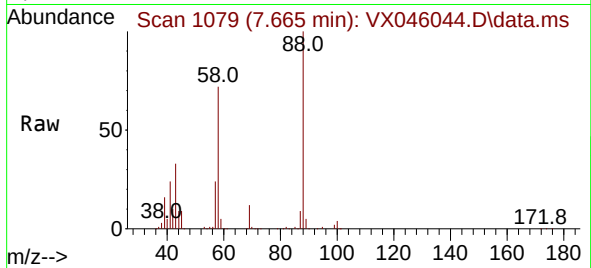
Tgt Ion: 41 Resp: 231040
Ion Ratio Lower Upper
41 100
69 73.0 58.5 87.7
39 63.8 51.7 77.5





#49
1,4-Dioxane
Concen: 2241.695 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

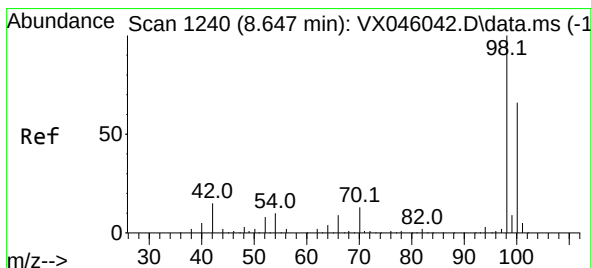
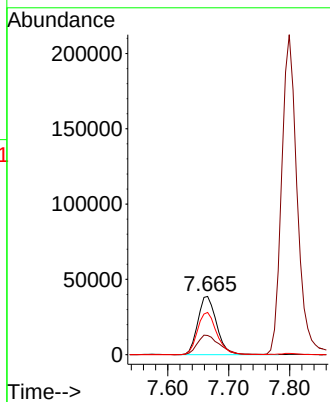
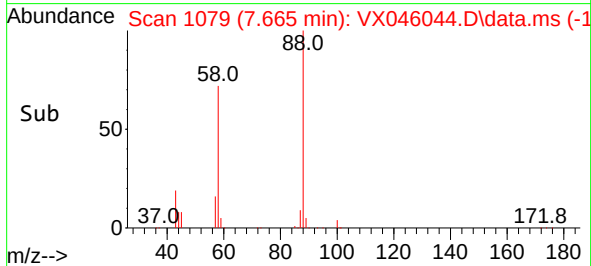
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 82800
Ion Ratio Lower Upper
88 100
43 40.0 33.4 50.2
58 74.8 58.6 88.0

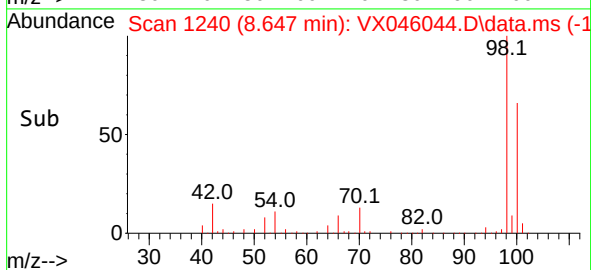
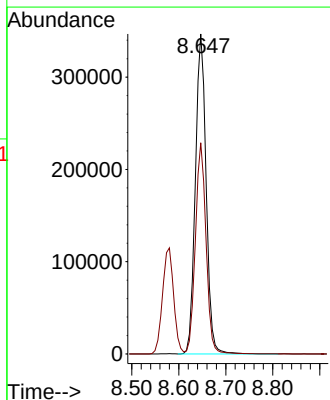
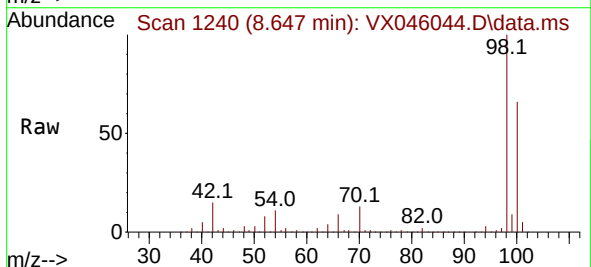
Manual Integrations
APPROVED

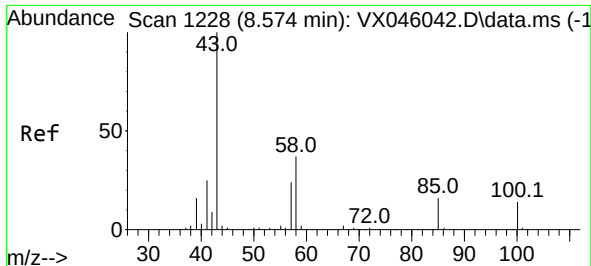
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#50
Toluene-d8
Concen: 101.252 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 98 Resp: 554390
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3





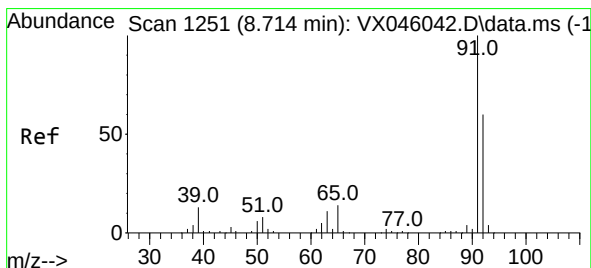
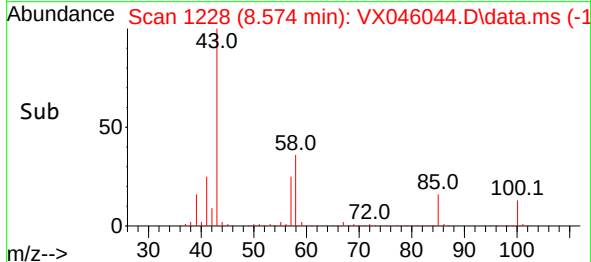
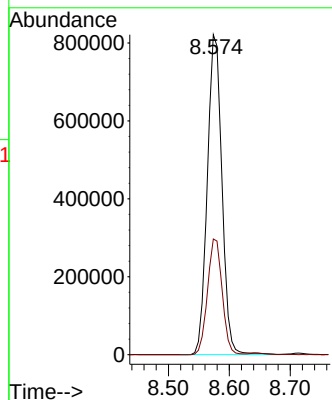
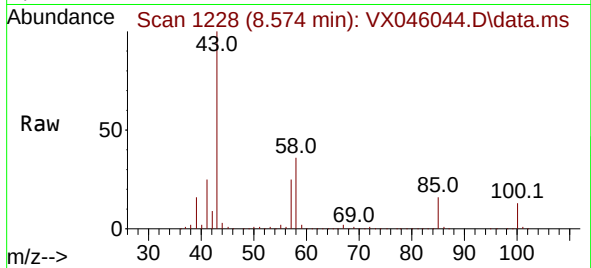
#51
4-Methyl-2-Pentanone
Concen: 577.831 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 137127
Ion Ratio Lower Upper
43 100
58 36.2 28.9 43.3

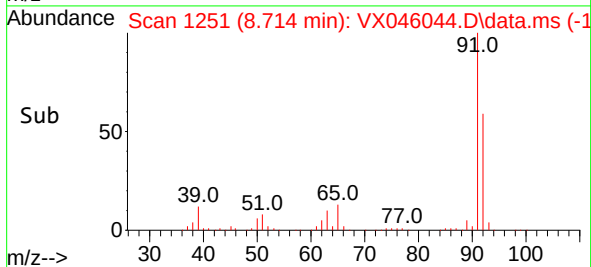
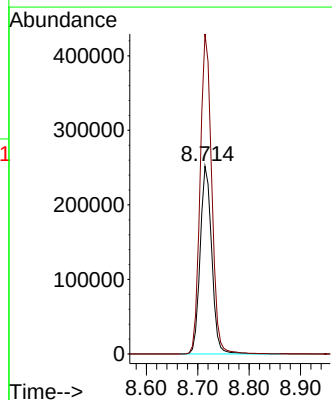
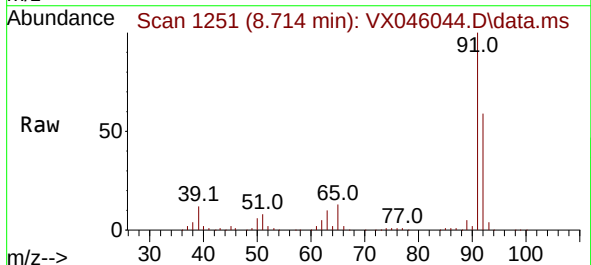
Manual Integrations
APPROVED

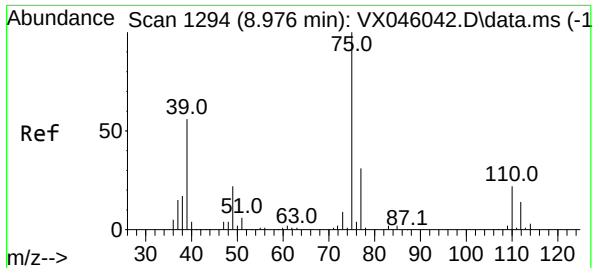
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#52
Toluene
Concen: 113.430 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 92 Resp: 393323
Ion Ratio Lower Upper
92 100
91 171.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 138.001 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 25723

Ion Ratio Lower Upper

75 100

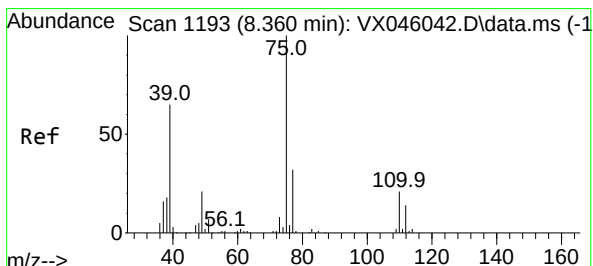
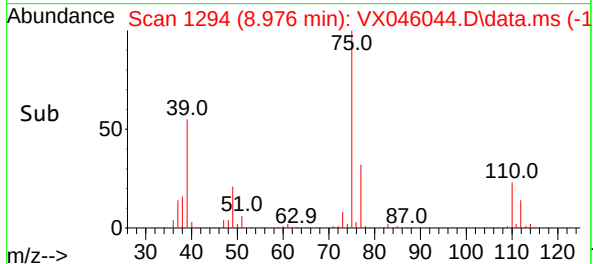
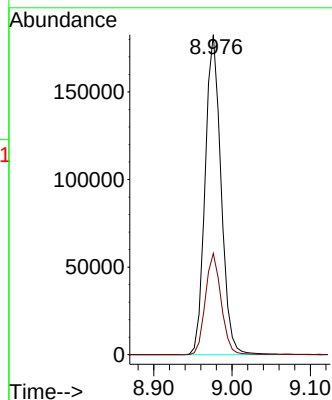
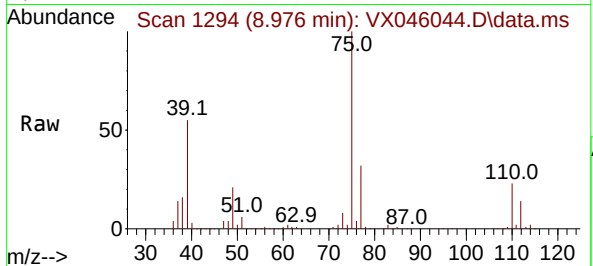
77 31.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#54

cis-1,3-Dichloropropene

Concen: 124.658 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

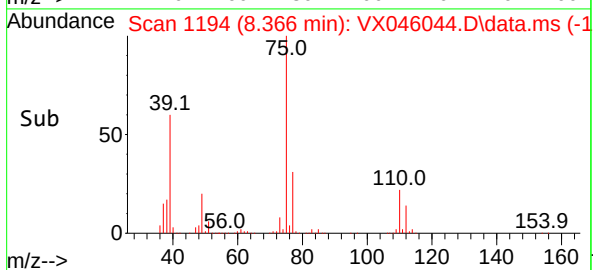
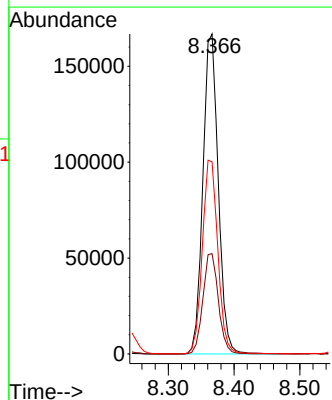
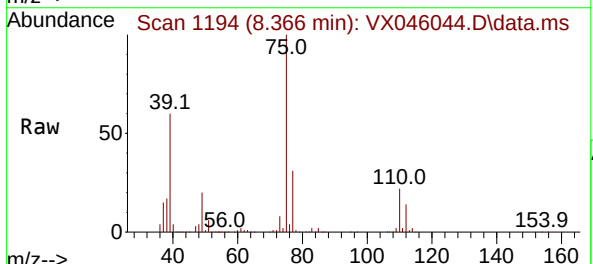
Tgt Ion: 75 Resp: 271054

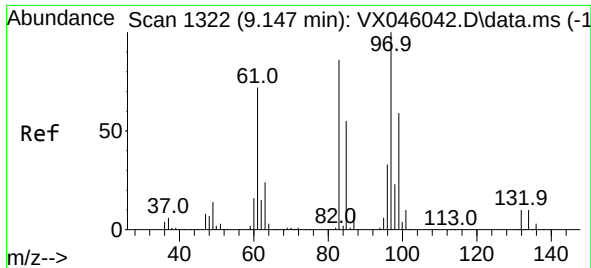
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

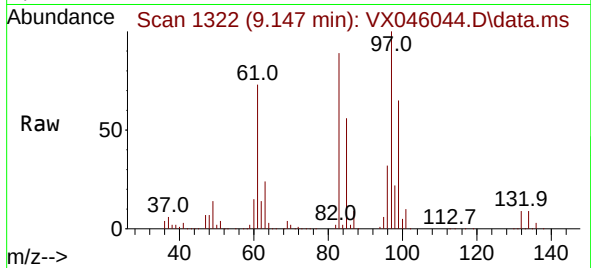
39 60.0 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 110.551 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

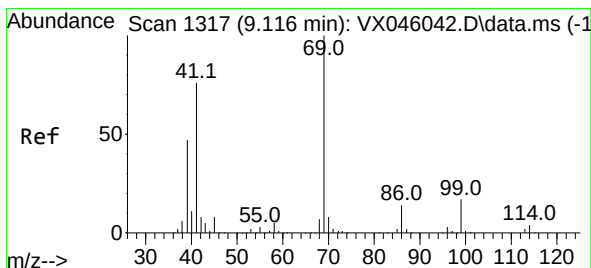
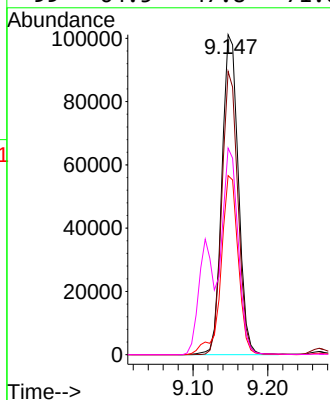
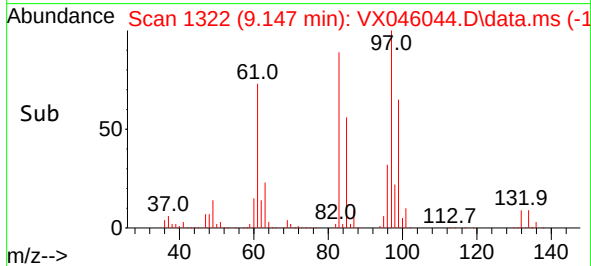
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



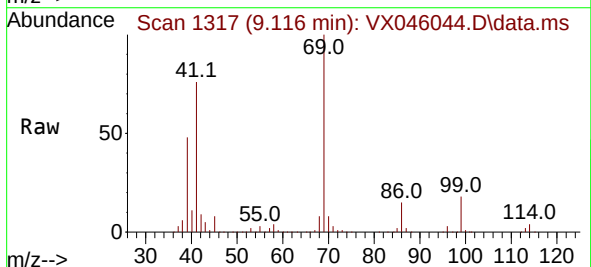
Tgt Ion: 97 Resp: 154932
Ion Ratio Lower Upper
97 100
83 88.5 69.0 103.6
85 56.0 44.3 66.5
99 64.5 47.8 71.6

Manual Integrations
APPROVED

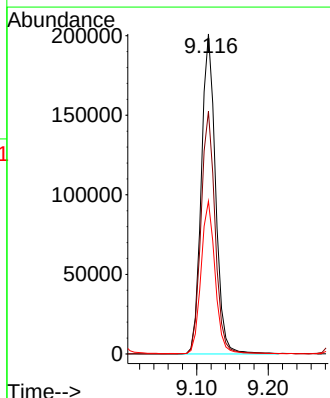
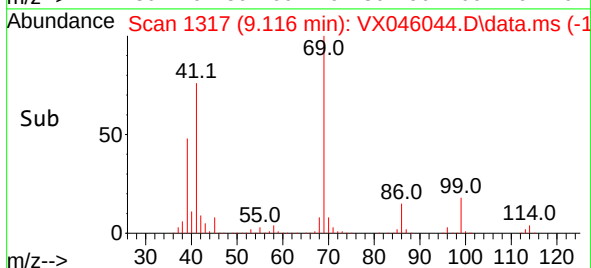
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

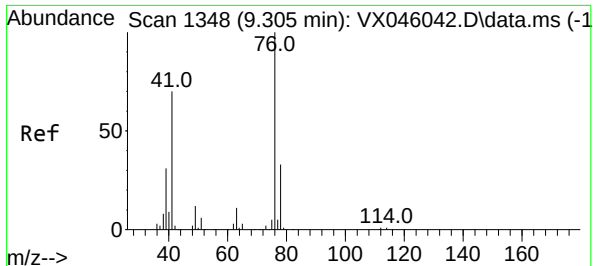


#56
Ethyl methacrylate
Concen: 127.968 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45



Tgt Ion: 69 Resp: 277921
Ion Ratio Lower Upper
69 100
41 75.4 60.8 91.2
39 47.2 39.0 58.6





#57

1,3-Dichloropropane

Concen: 109.813 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 272814

Ion Ratio Lower Upper

76 100

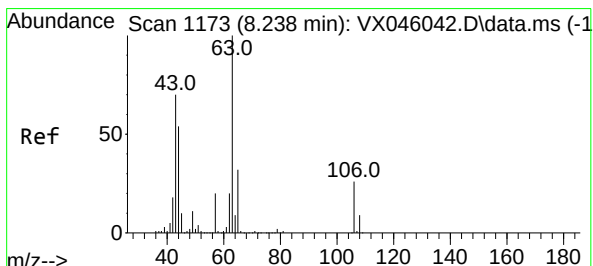
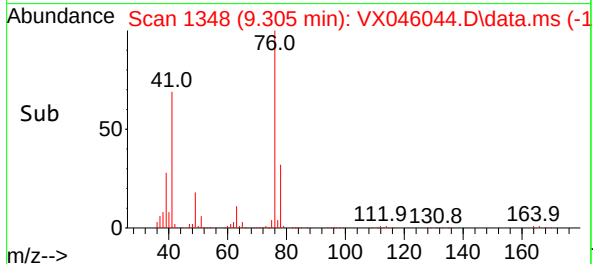
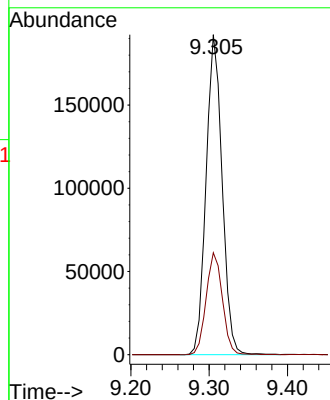
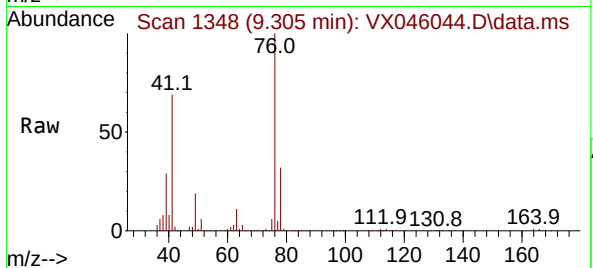
78 32.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 697.344 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX046044.D

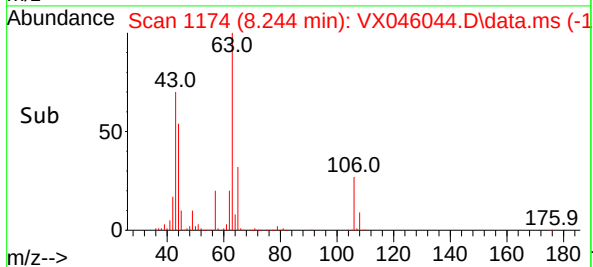
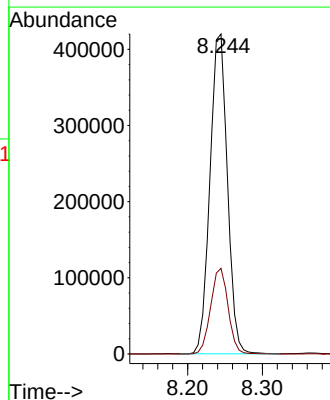
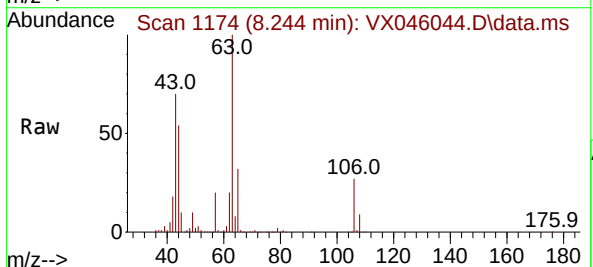
Acq: 05 May 2025 12:45

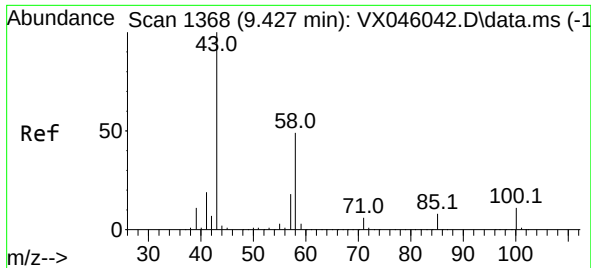
Tgt Ion: 63 Resp: 680608

Ion Ratio Lower Upper

63 100

106 26.7 21.5 32.3





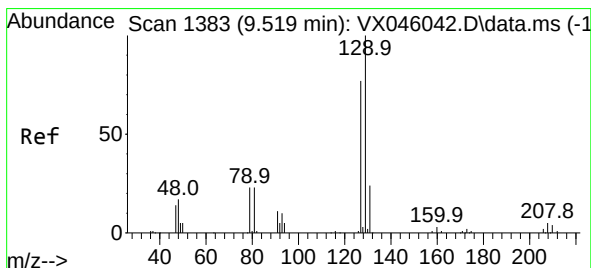
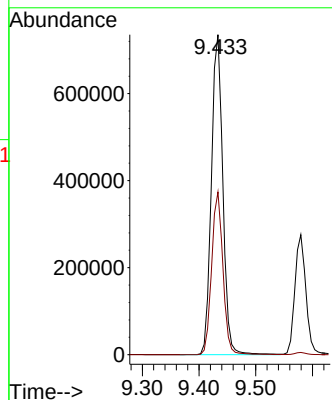
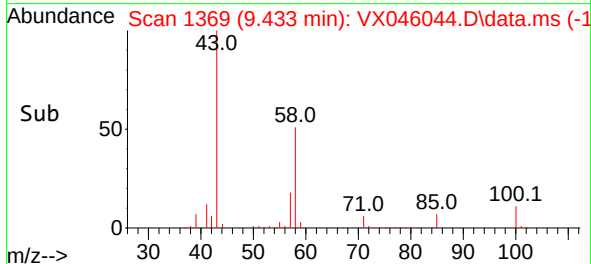
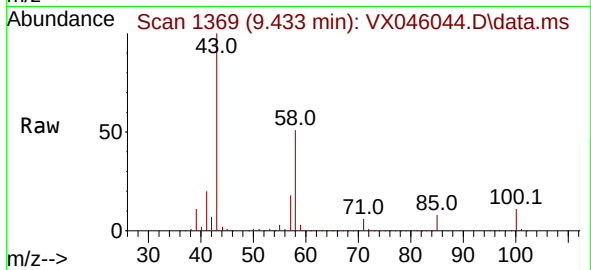
#59
2-Hexanone
Concen: 571.094 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 102859
Ion Ratio Lower Upper
43 100
58 50.2 24.9 74.6

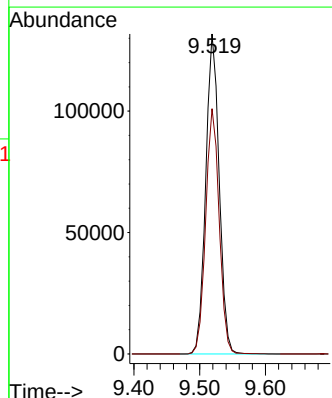
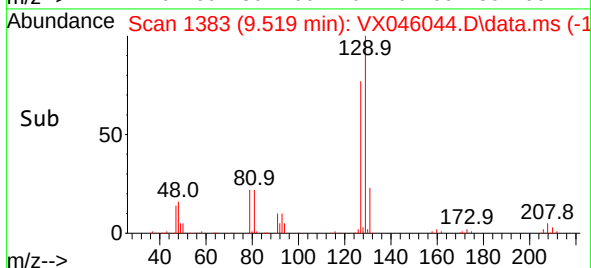
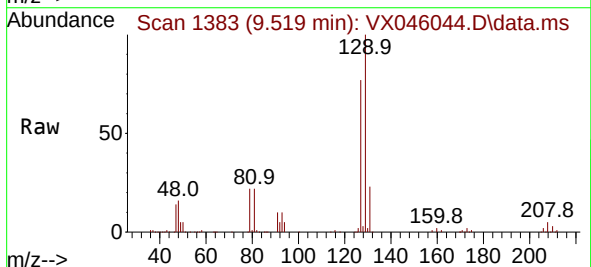
Manual Integrations
APPROVED

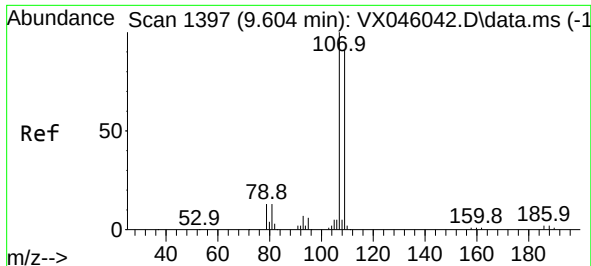
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#60
Dibromochloromethane
Concen: 122.915 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

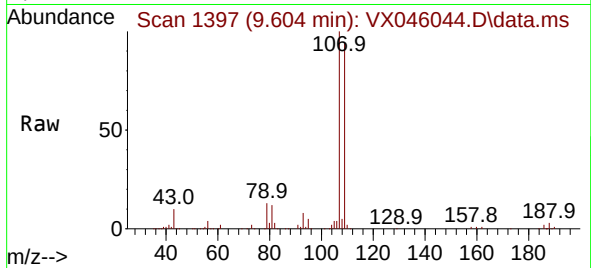
Tgt Ion:129 Resp: 187497
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8





#61
1,2-Dibromoethane
Concen: 115.087 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

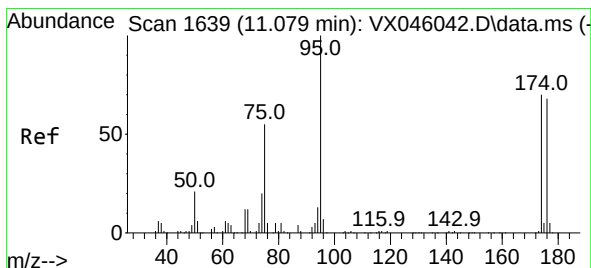
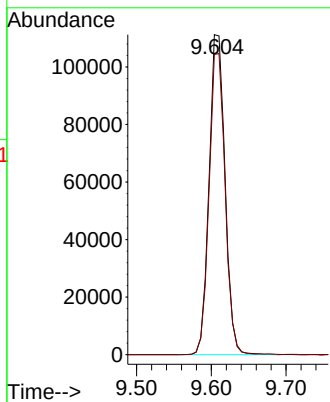
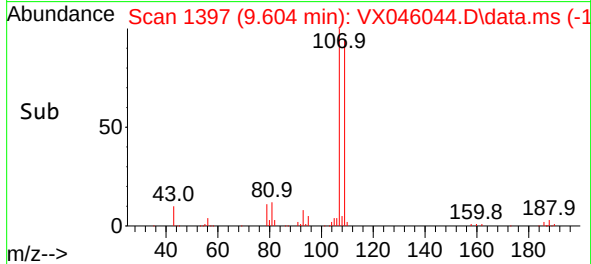
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:107 Resp: 165634
Ion Ratio Lower Upper
107 100
109 94.6 73.3 109.9

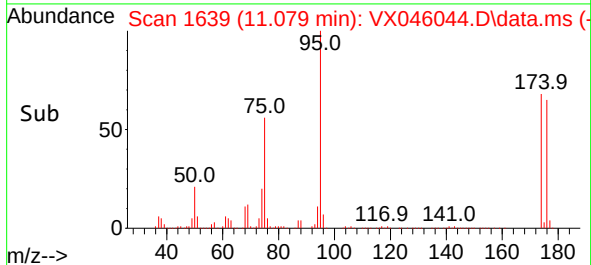
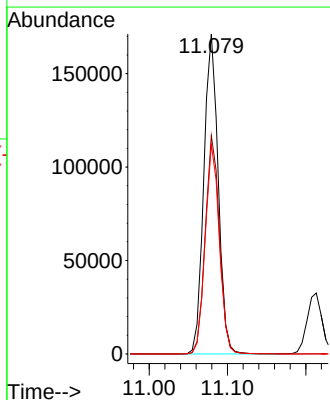
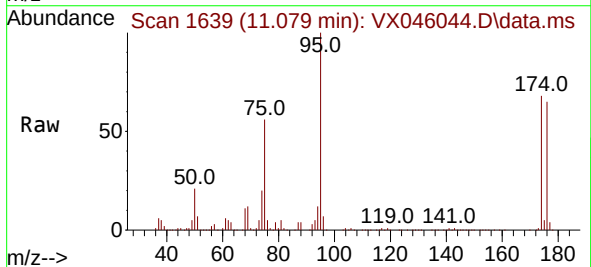
Manual Integrations
APPROVED

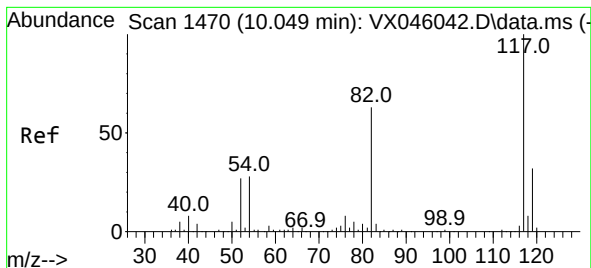
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#62
4-Bromofluorobenzene
Concen: 109.174 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion: 95 Resp: 217536
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 64.4 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: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

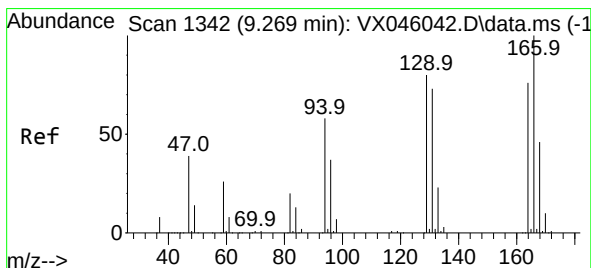
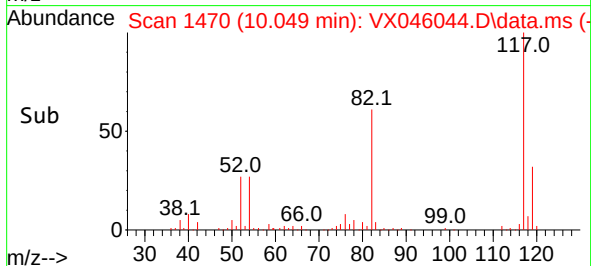
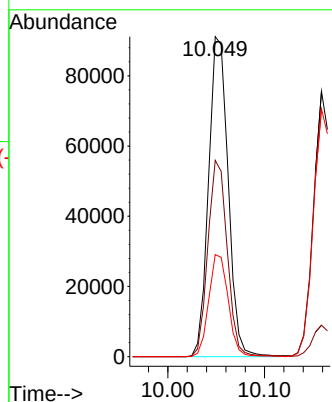
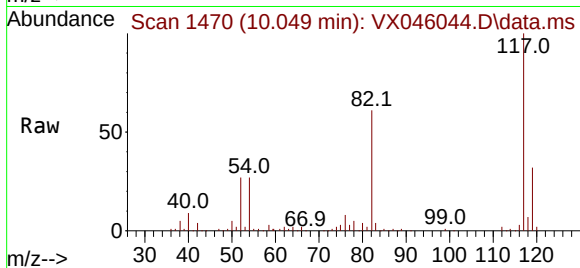
Tgt Ion:117	Resp: 12855
Ion Ratio	Lower Upper
117 100	
82 61.4	50.6 76.0
119 31.9	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#64

Tetrachloroethene

Concen: 100.918 ug/l

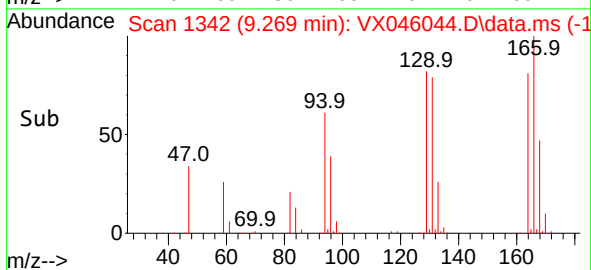
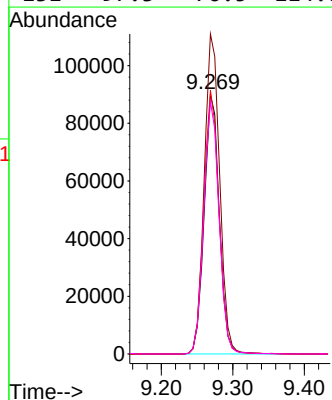
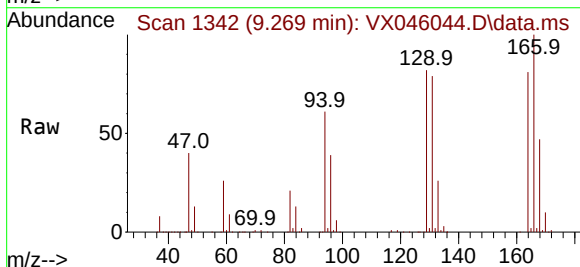
RT: 9.269 min Scan# 1342

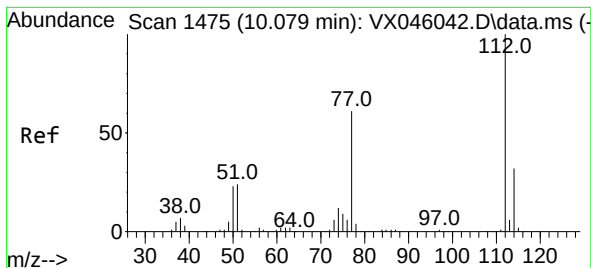
Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

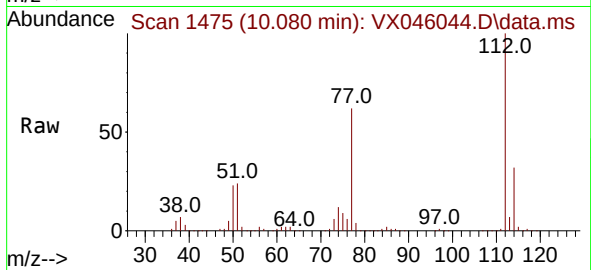
Tgt Ion:164	Resp: 132488
Ion Ratio	Lower Upper
164 100	
166 123.3	105.0 157.6
129 101.6	83.5 125.3
131 97.3	76.5 114.7





#65
Chlorobenzene
Concen: 108.615 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

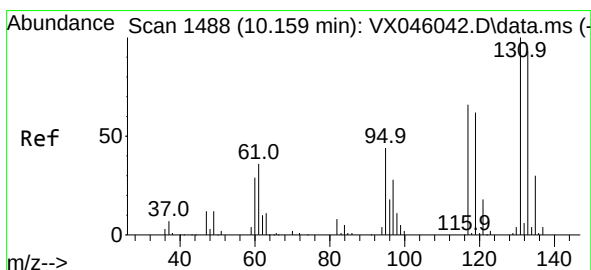
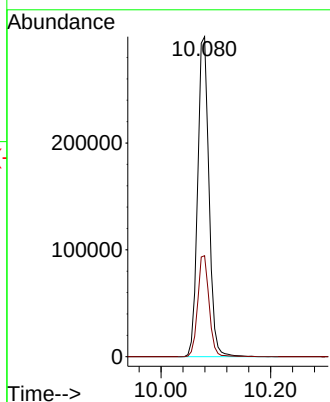
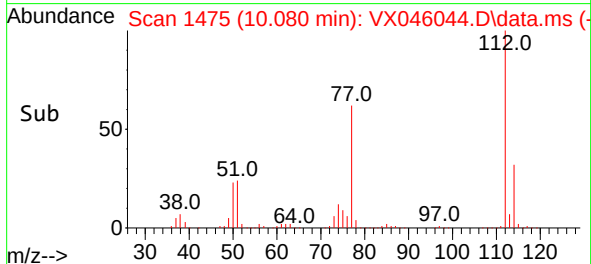
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



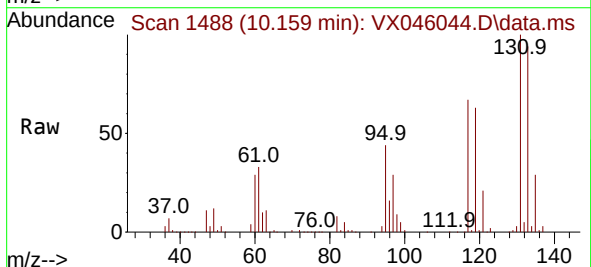
Tgt Ion:112 Resp: 429650
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

Manual Integrations
APPROVED

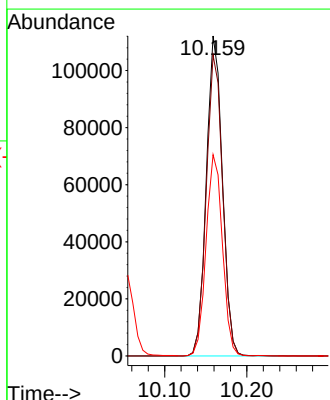
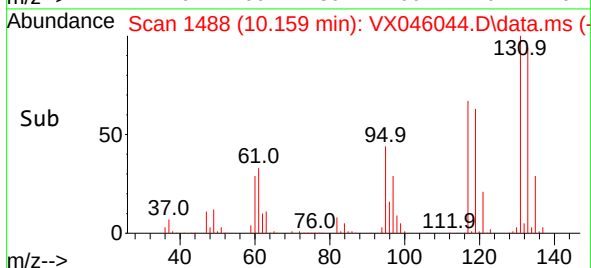
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

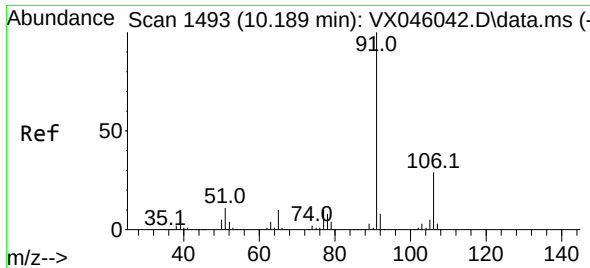


#66
1,1,1,2-Tetrachloroethane
Concen: 115.333 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45



Tgt Ion:131 Resp: 152173
Ion Ratio Lower Upper
131 100
133 95.7 47.3 141.9
119 64.0 31.6 95.0





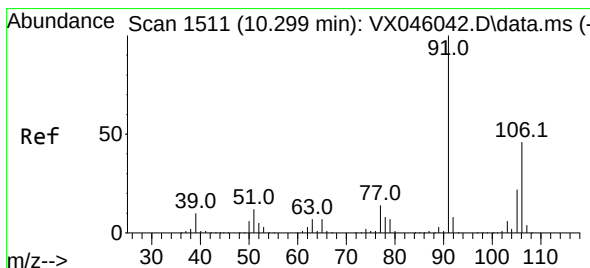
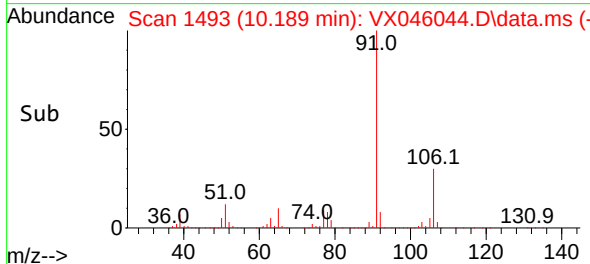
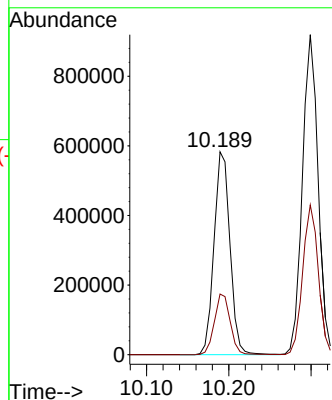
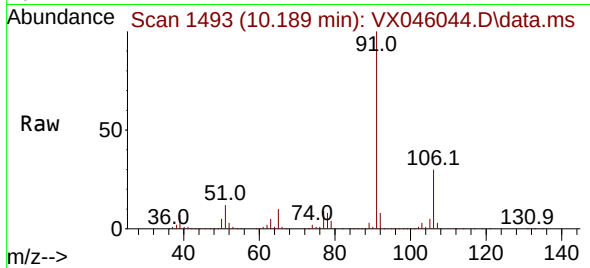
#67
Ethyl Benzene
Concen: 116.421 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 78512
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.2

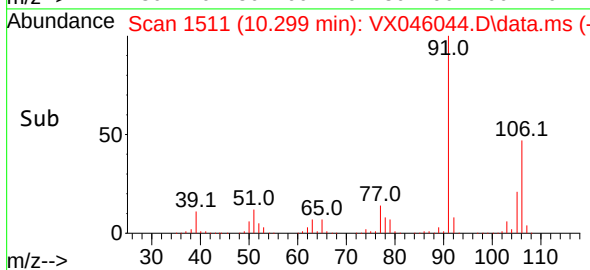
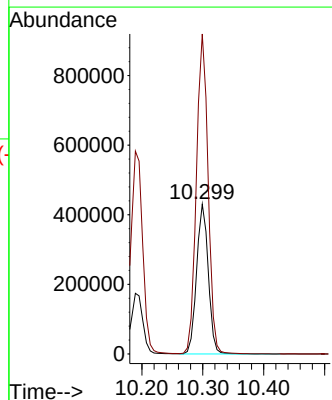
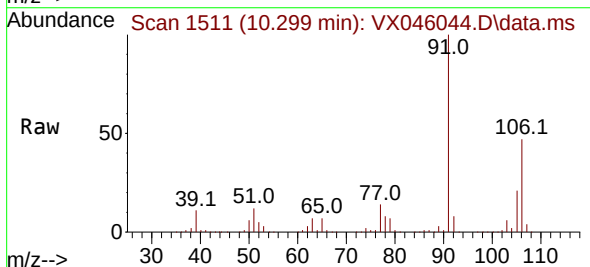
Manual Integrations
APPROVED

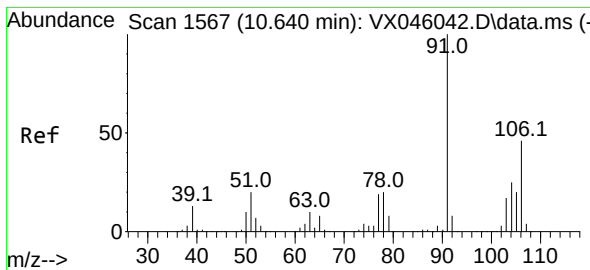
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#68
m/p-Xylenes
Concen: 234.349 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:106 Resp: 570913
Ion Ratio Lower Upper
106 100
91 214.2 171.2 256.8





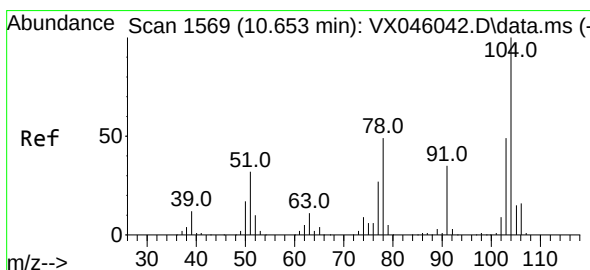
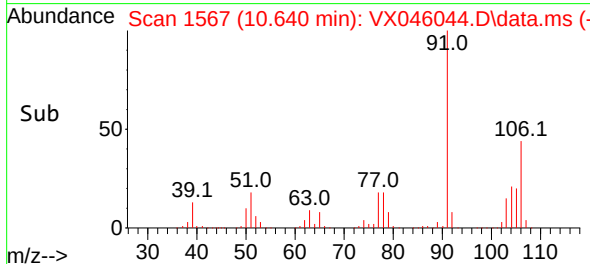
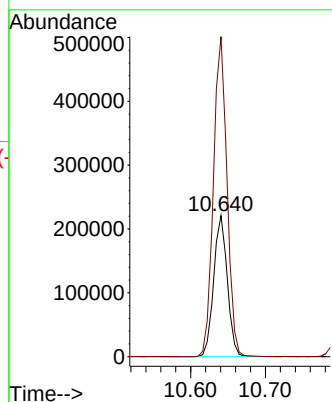
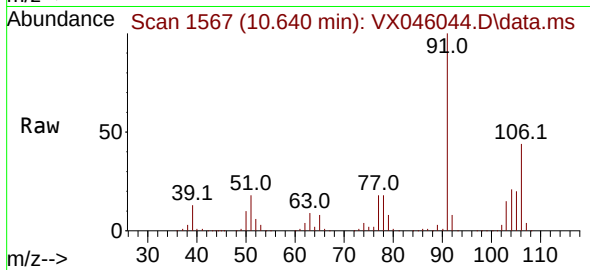
#69
o-Xylene
Concen: 113.990 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 279900
Ion Ratio Lower Upper
106 100
91 226.9 112.7 338.1

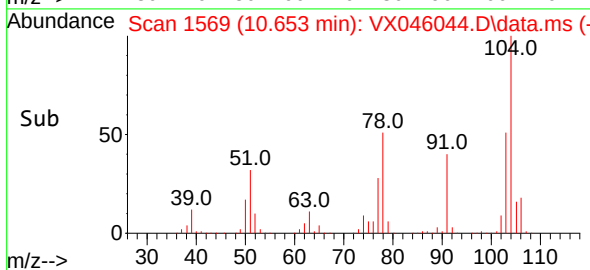
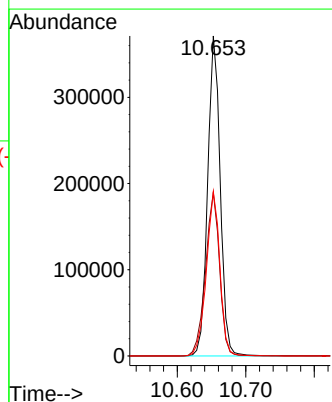
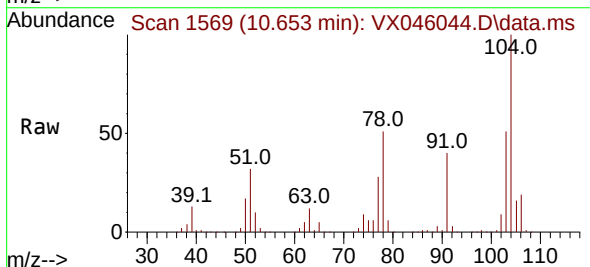
Manual Integrations
APPROVED

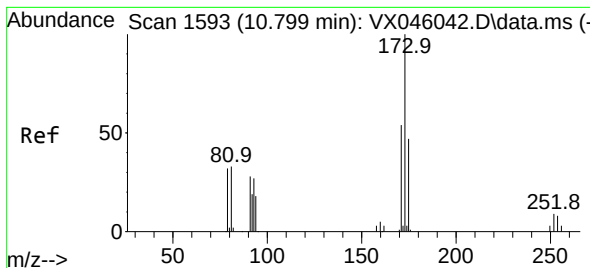
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#70
Styrene
Concen: 120.694 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

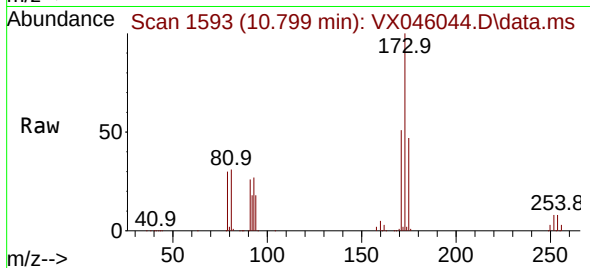
Tgt Ion:104 Resp: 474254
Ion Ratio Lower Upper
104 100
78 57.2 45.7 68.5
103 55.5 43.7 65.5





#71
Bromoform
Concen: 127.128 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

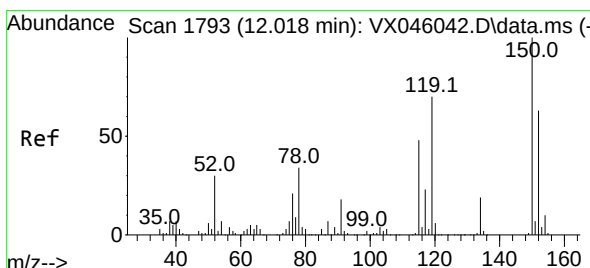
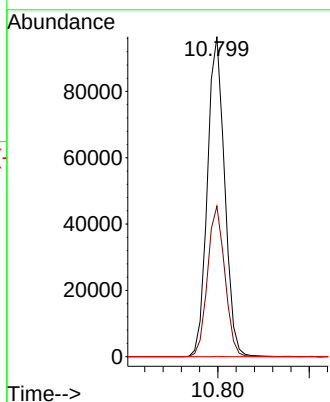
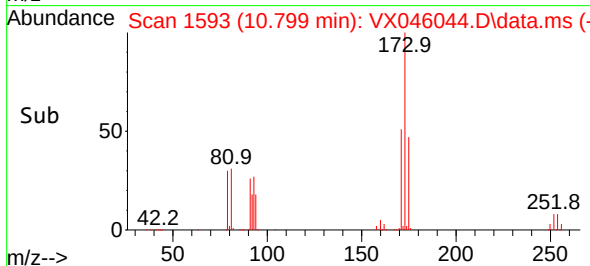
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 125980
Ion Ratio Lower Upper
173 100
175 47.3 23.4 70.0
254 0.1 0.0 0.0

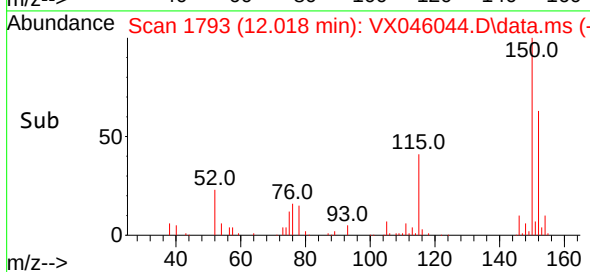
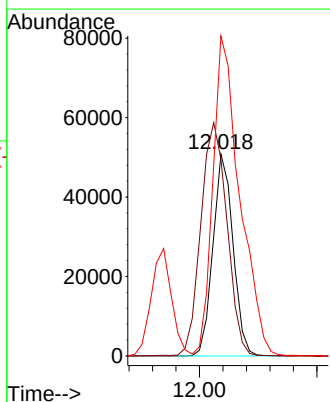
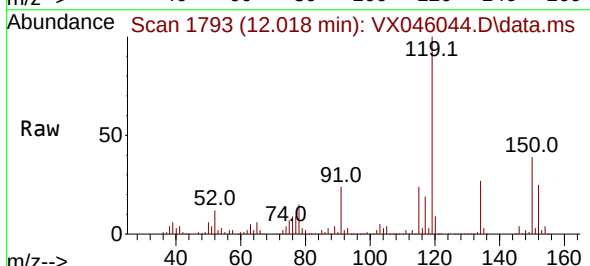
Manual Integrations
APPROVED

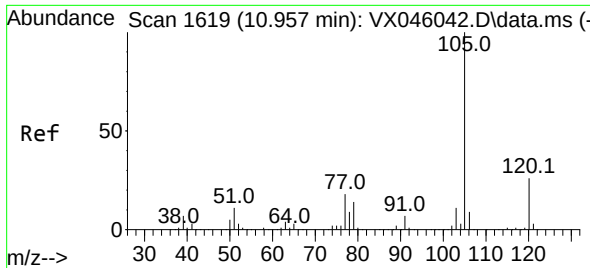
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

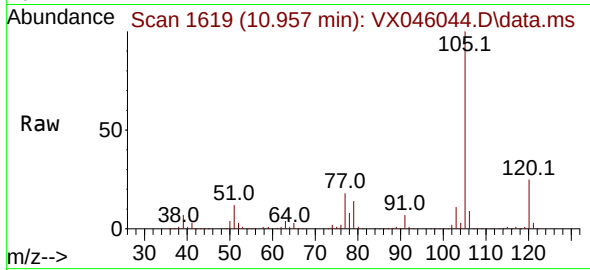
Tgt Ion:152 Resp: 60345
Ion Ratio Lower Upper
152 100
115 150.7 46.9 140.7#
150 211.6 0.0 351.0





#73
Isopropylbenzene
Concen: 114.312 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

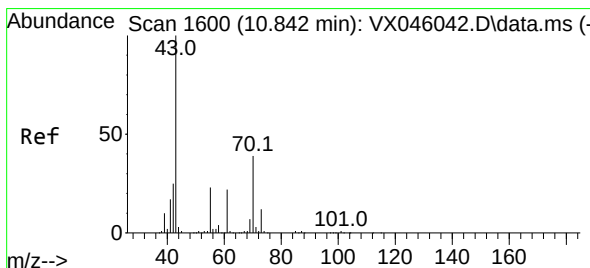
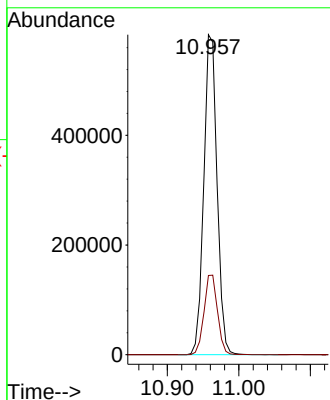
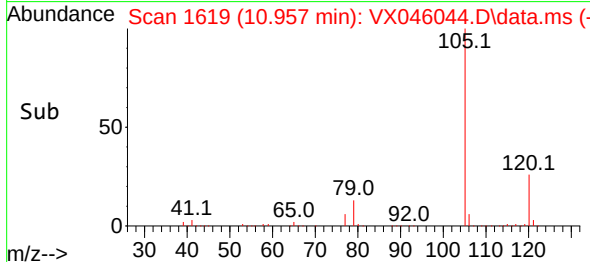
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



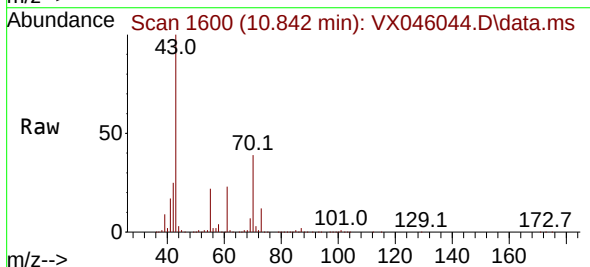
Tgt Ion:105 Resp: 75233
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4

Manual Integrations
APPROVED

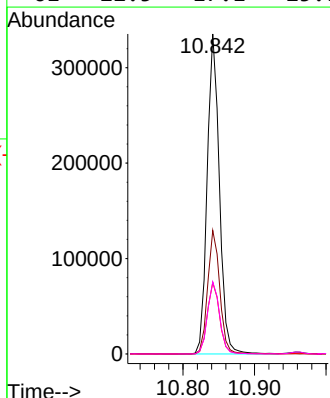
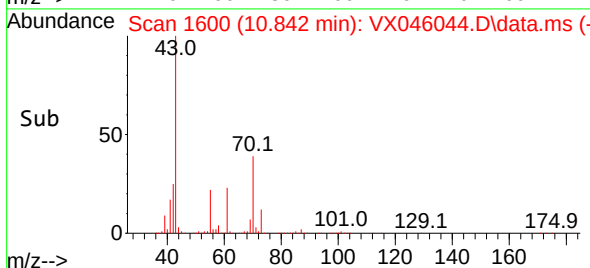
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

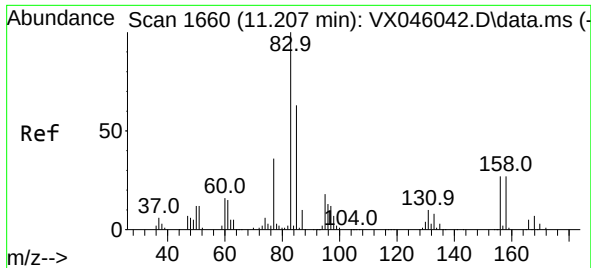


#74
N-ethyl acetate
Concen: 120.944 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45



Tgt Ion: 43 Resp: 396877
Ion Ratio Lower Upper
43 100
70 38.5 30.9 46.3
55 22.5 18.7 28.1
61 22.5 17.1 25.7





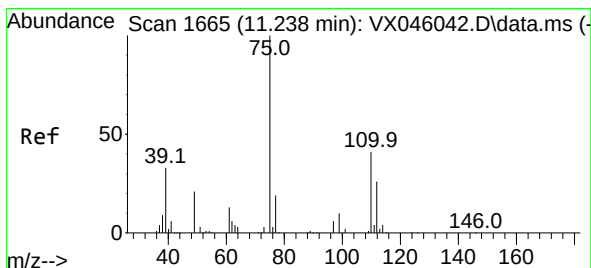
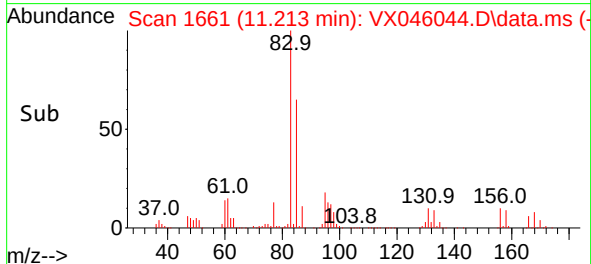
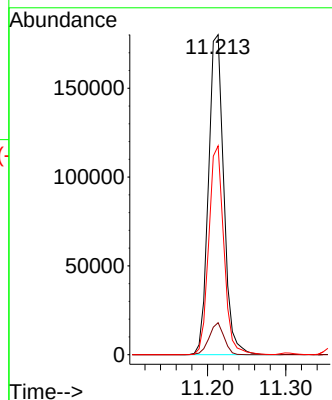
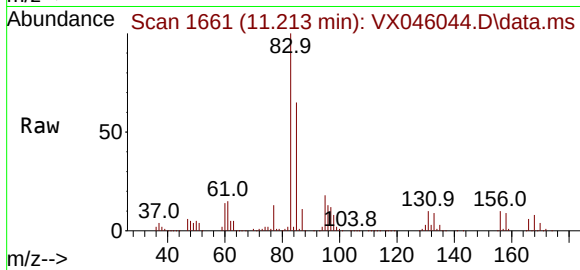
#75
1,1,2,2-Tetrachloroethane
Concen: 104.018 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 24353
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.4 31.9 95.7

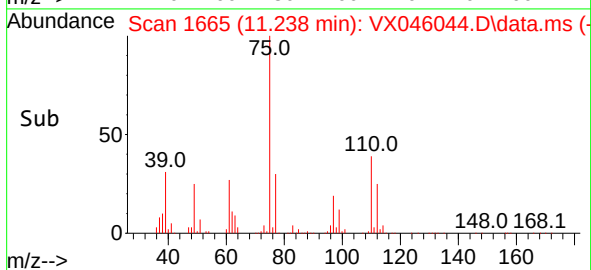
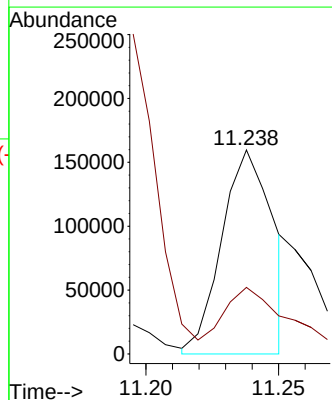
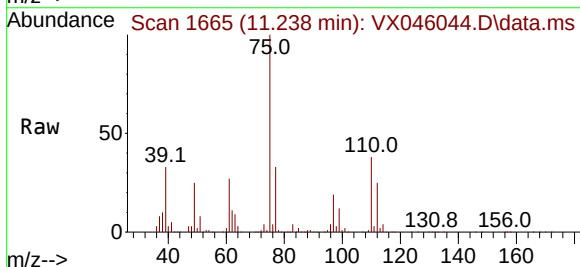
Manual Integrations
APPROVED

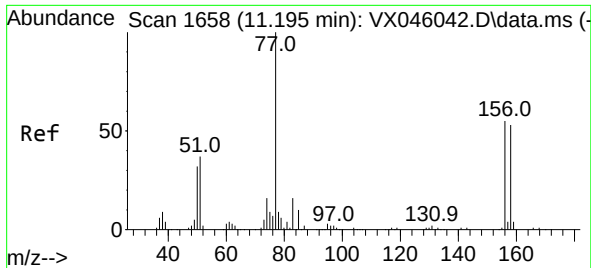
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#76
1,2,3-Trichloropropane
Concen: 84.960 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

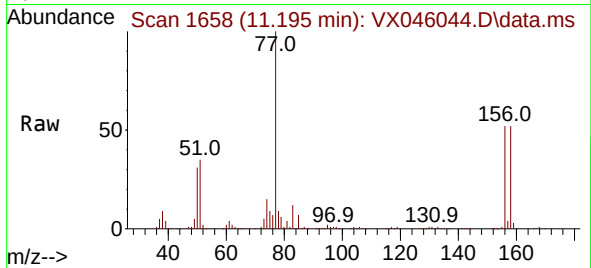
Tgt Ion: 75 Resp: 213744
Ion Ratio Lower Upper
75 100
77 42.4 20.5 61.5





#77
Bromobenzene
Concen: 110.297 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

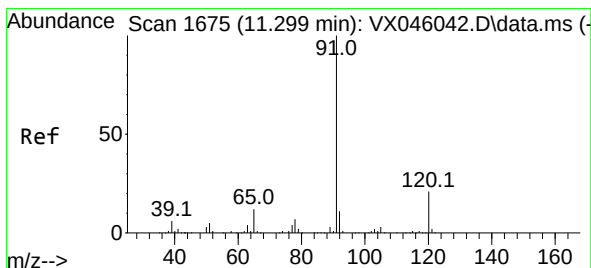
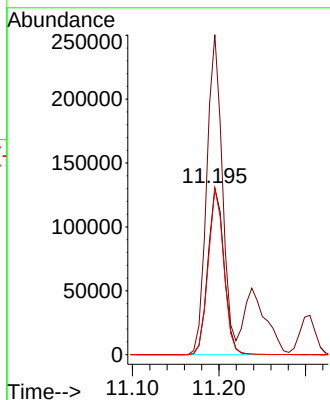
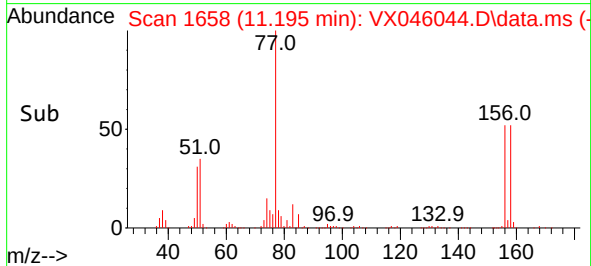
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



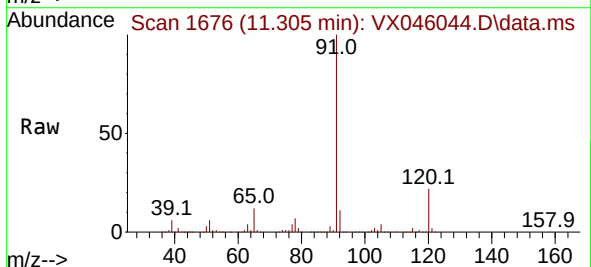
Tgt Ion:156 Resp: 167934
Ion Ratio Lower Upper
156 100
77 187.1 92.8 278.3
158 97.3 48.8 146.3

Manual Integrations
APPROVED

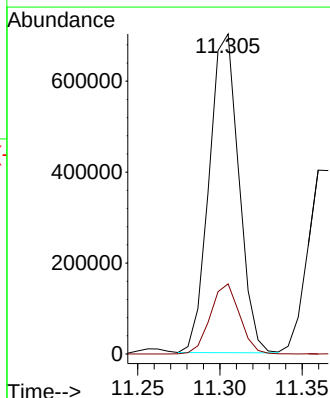
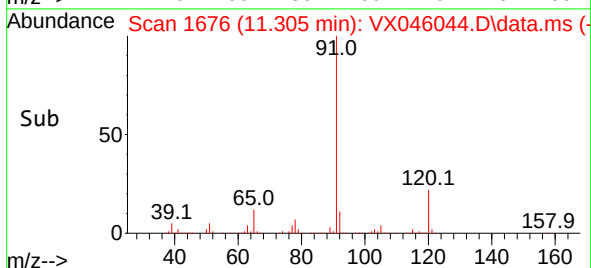
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

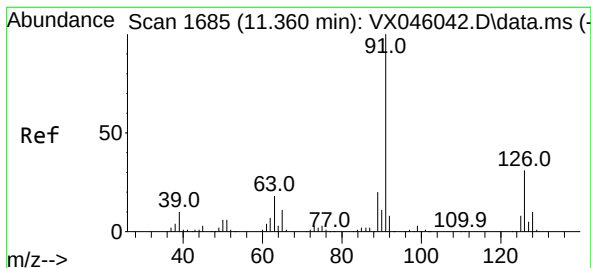


#78
n-propylbenzene
Concen: 119.448 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45



Tgt Ion: 91 Resp: 881218
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





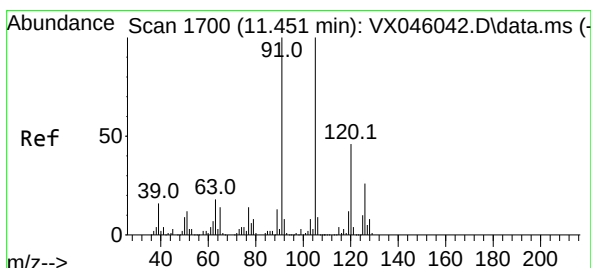
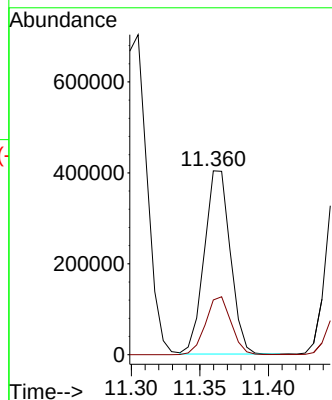
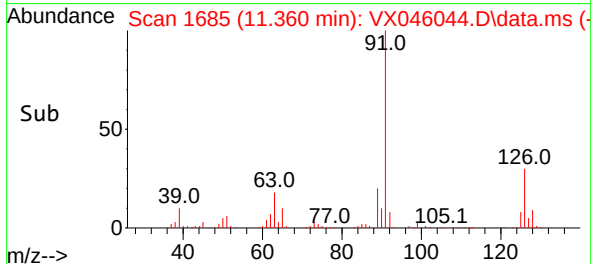
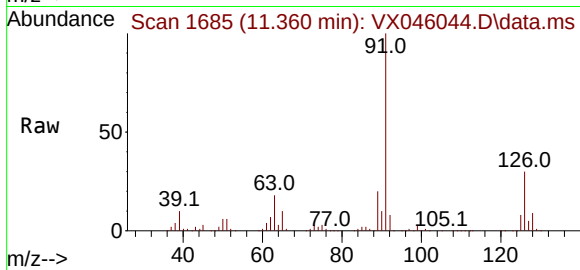
#79
2-Chlorotoluene
Concen: 107.514 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 534560
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.7

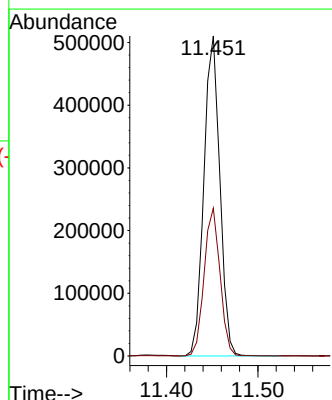
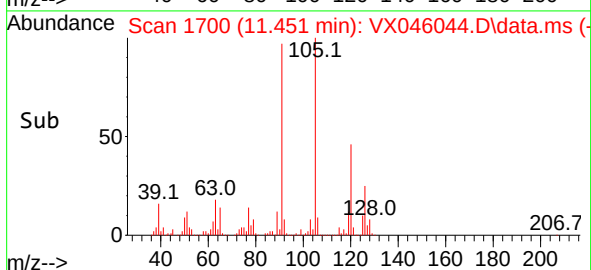
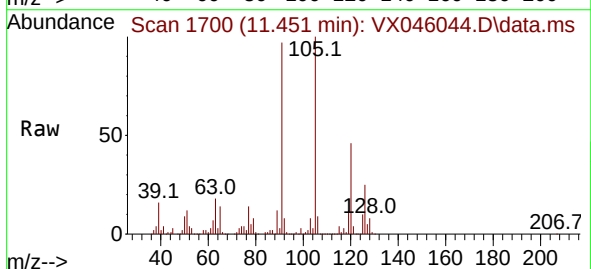
Manual Integrations
APPROVED

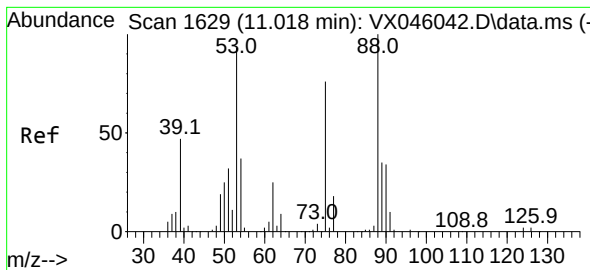
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 112.825 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:105 Resp: 616477
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





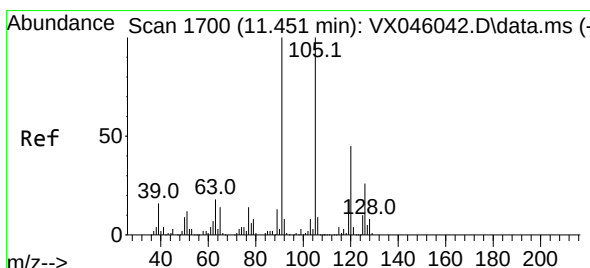
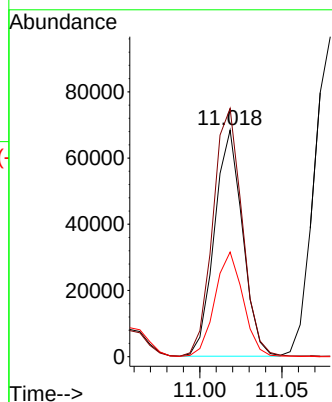
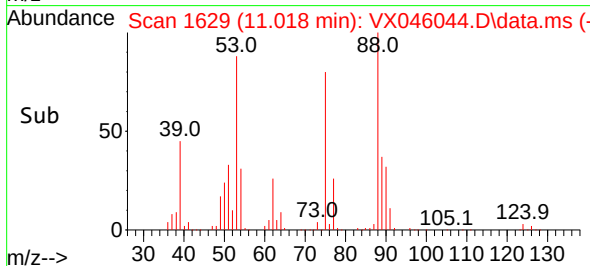
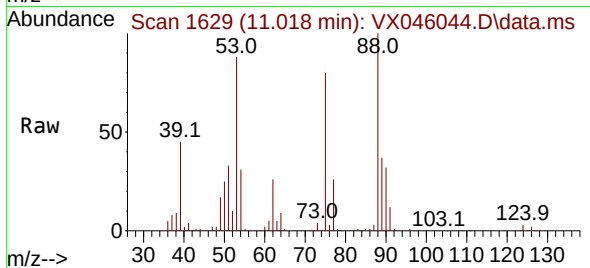
#81
trans-1,4-Dichloro-2-butene
Concen: 134.609 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 81372
Ion Ratio Lower Upper
75 100
53 114.9 100.5 150.7
89 46.5 37.0 55.6

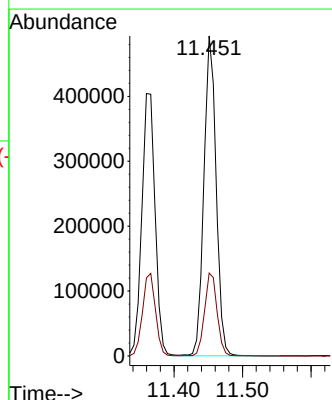
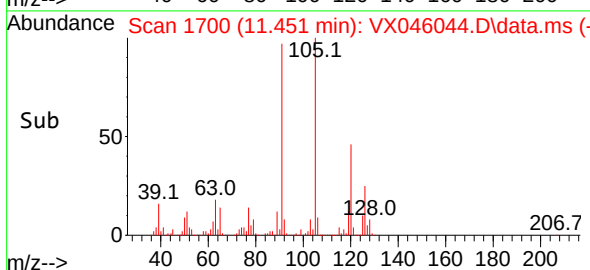
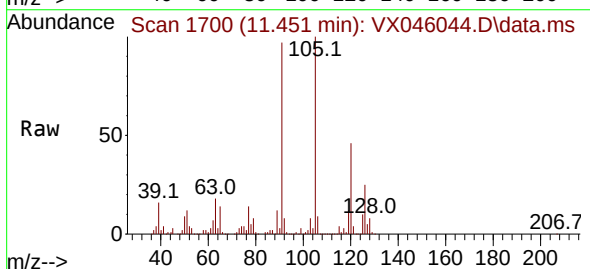
Manual Integrations
APPROVED

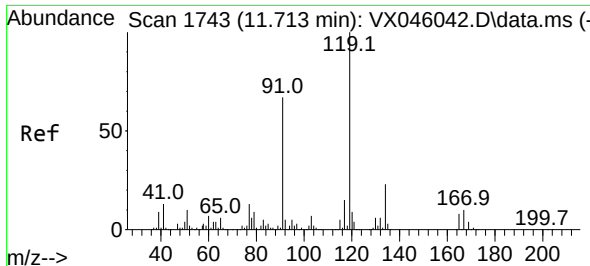
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#82
4-Chlorotoluene
Concen: 111.948 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

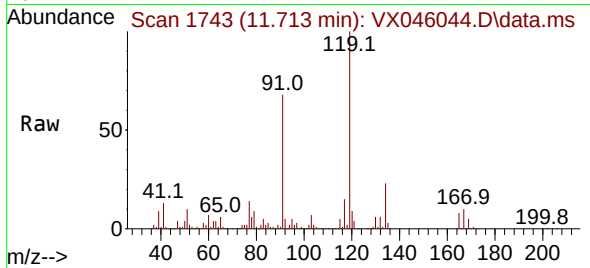
Tgt Ion: 91 Resp: 611736
Ion Ratio Lower Upper
91 100
126 26.7 13.3 39.8





#83
tert-Butylbenzene
Concen: 115.065 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

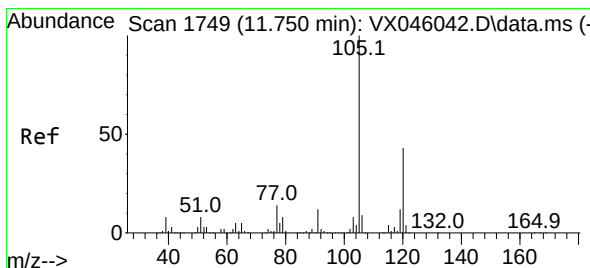
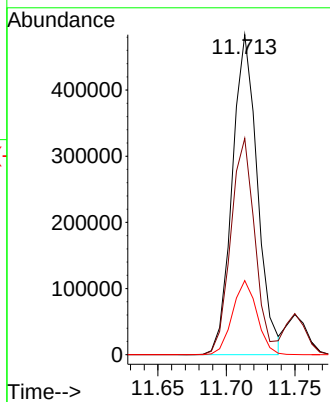
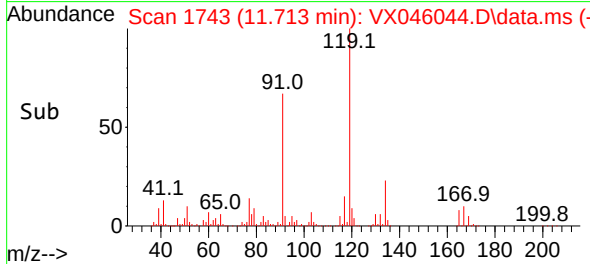
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



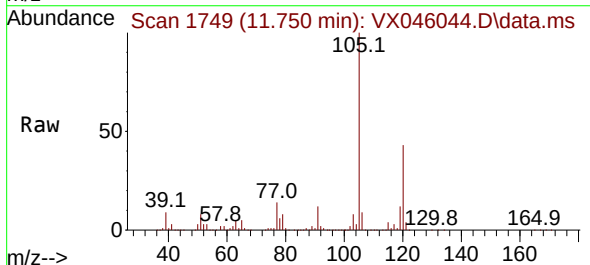
Tgt Ion:119 Resp: 61747
Ion Ratio Lower Upper
119 100
91 65.6 32.9 98.7
134 22.6 11.4 34.1

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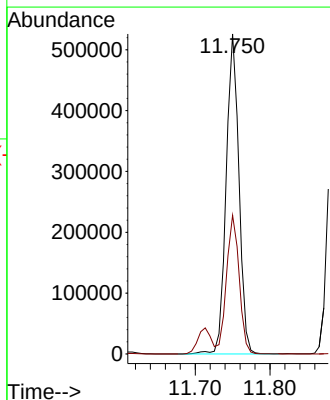
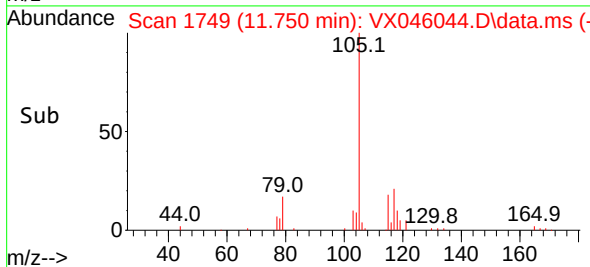
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

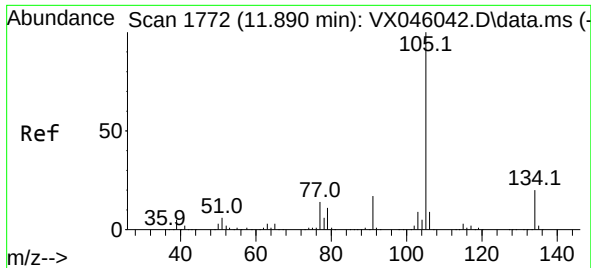


#84
1,2,4-Trimethylbenzene
Concen: 114.236 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45



Tgt Ion:105 Resp: 623456
Ion Ratio Lower Upper
105 100
120 43.1 21.2 63.6





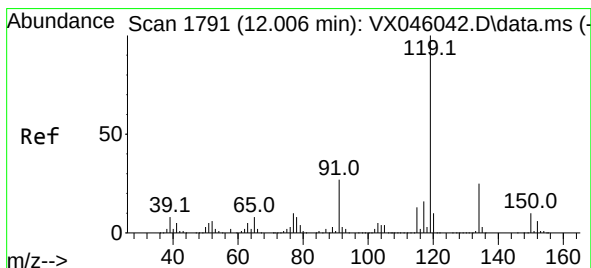
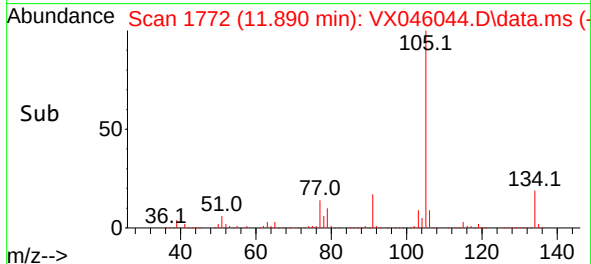
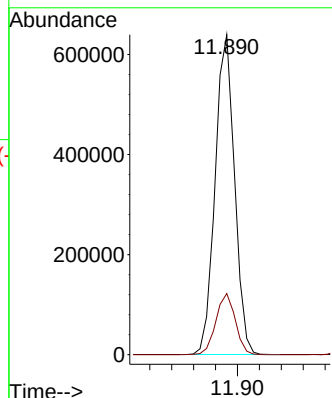
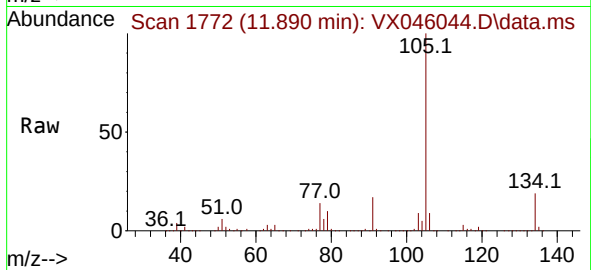
#85
 sec-Butylbenzene
 Concen: 118.023 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046044.D
 Acq: 05 May 2025 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 78629
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

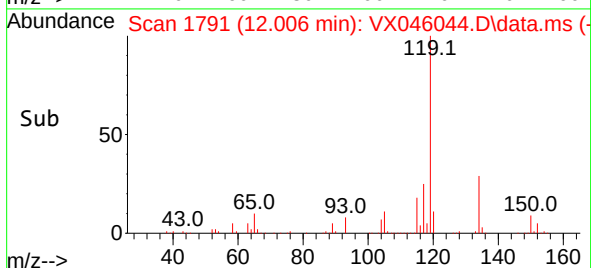
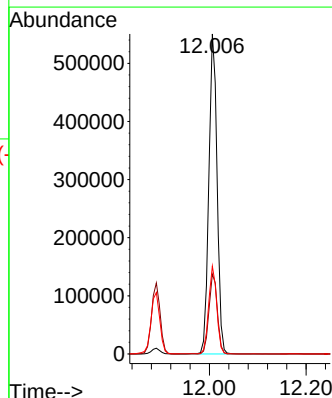
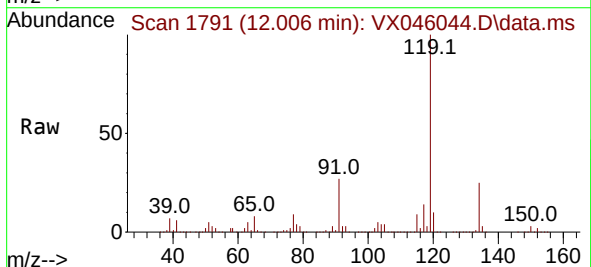
Manual Integrations
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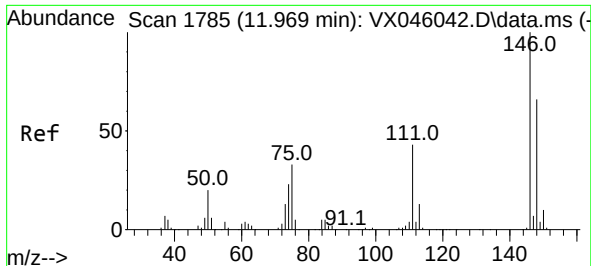
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#86
 p-Isopropyltoluene
 Concen: 121.113 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046044.D
 Acq: 05 May 2025 12:45

Tgt Ion:119 Resp: 651531
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.5 37.5
 91 27.0 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 110.394 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 313100

Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.3

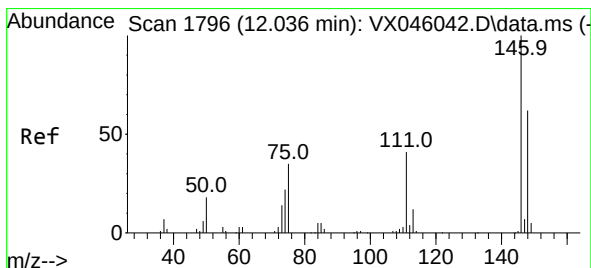
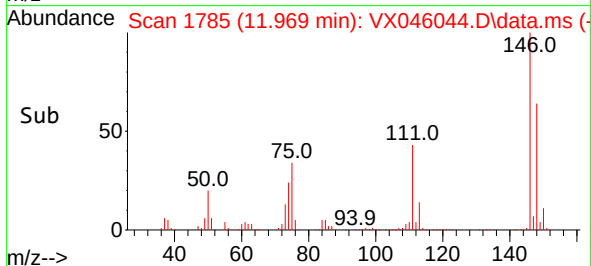
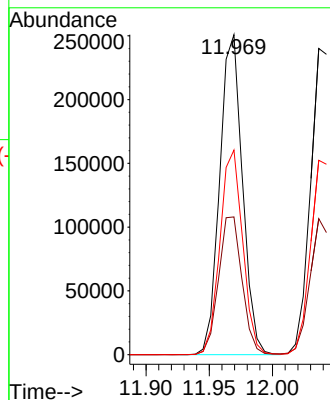
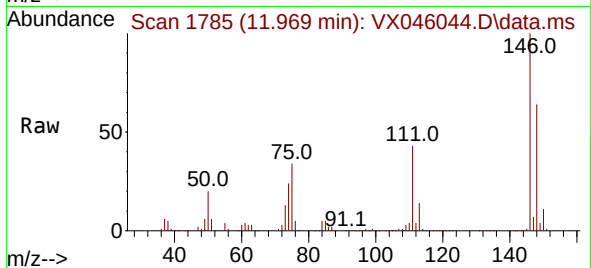
148 64.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#88

1,4-Dichlorobenzene

Concen: 112.167 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

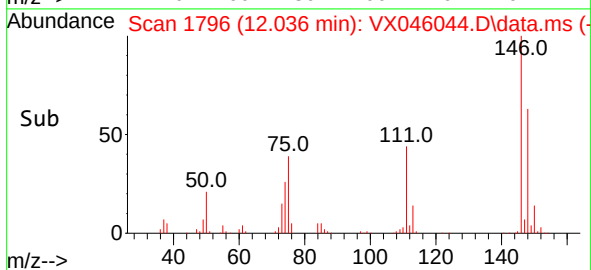
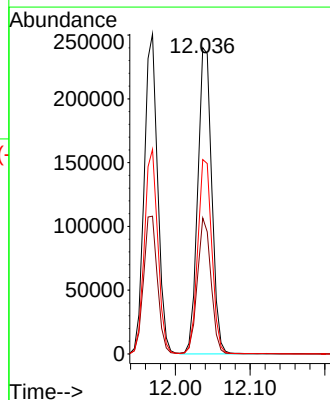
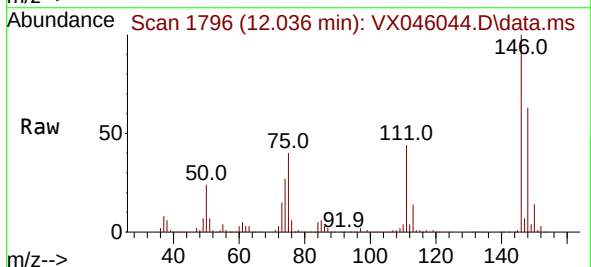
Tgt Ion:146 Resp: 311752

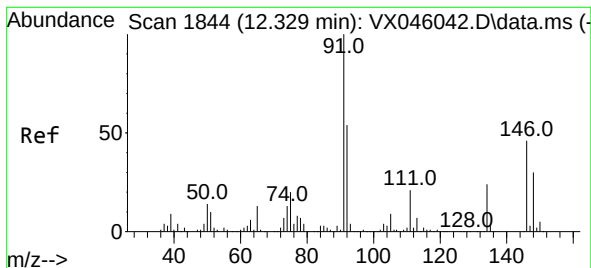
Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 129.533 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 60578

Ion Ratio Lower Upper

91 100

92 53.6 26.9 80.7

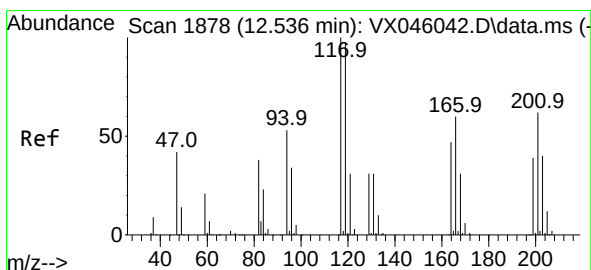
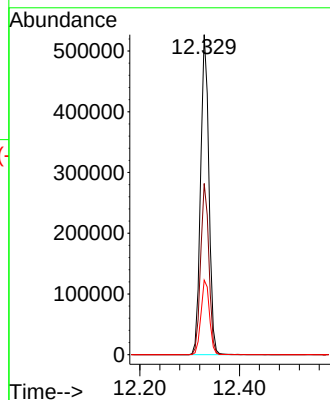
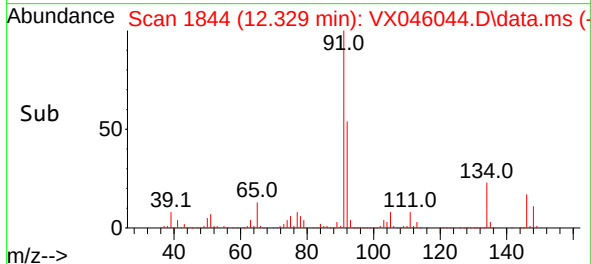
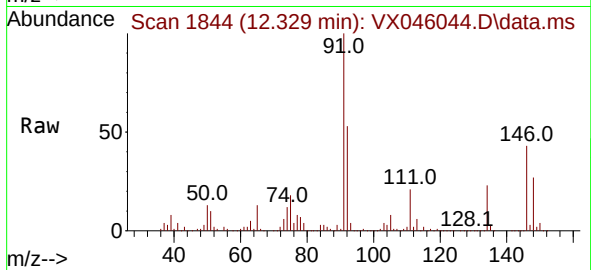
134 24.0 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#90

Hexachloroethane

Concen: 123.091 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046044.D

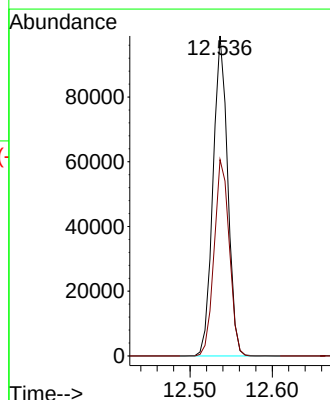
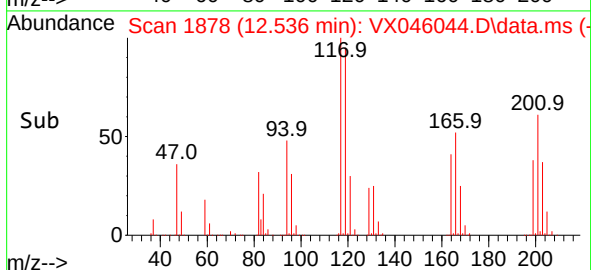
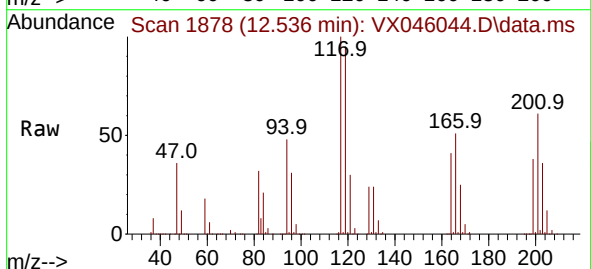
Acq: 05 May 2025 12:45

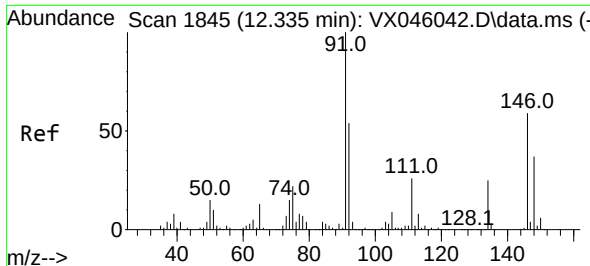
Tgt Ion:117 Resp: 123188

Ion Ratio Lower Upper

117 100

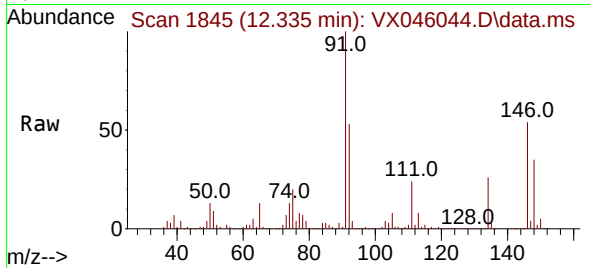
201 63.2 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 111.506 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

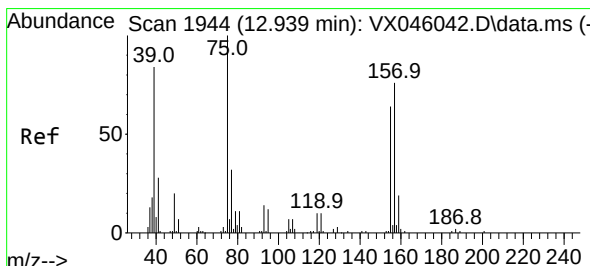
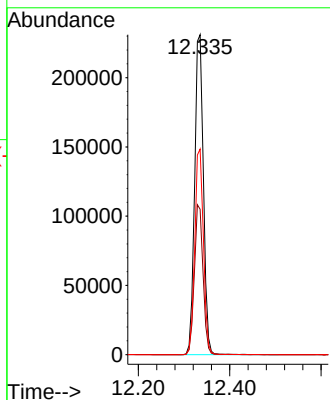
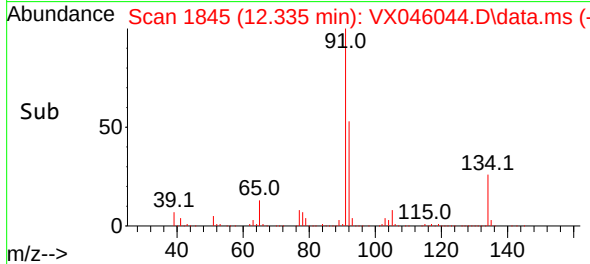
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



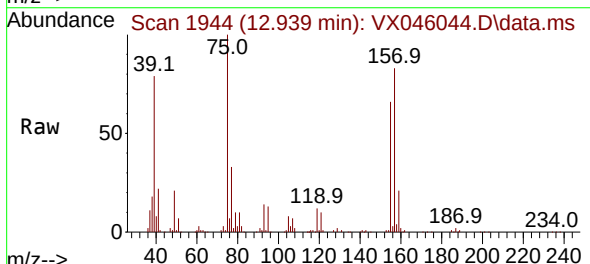
Tgt Ion:146 Resp: 308039
Ion Ratio Lower Upper
146 100
111 46.3 22.4 67.3
148 63.6 31.6 94.8

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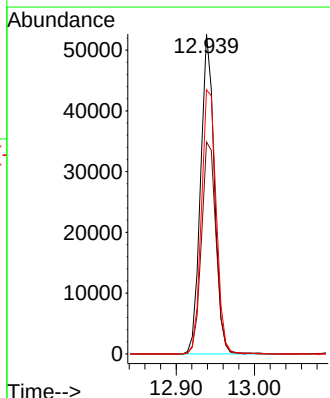
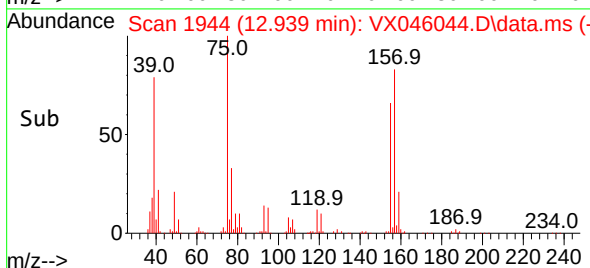
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

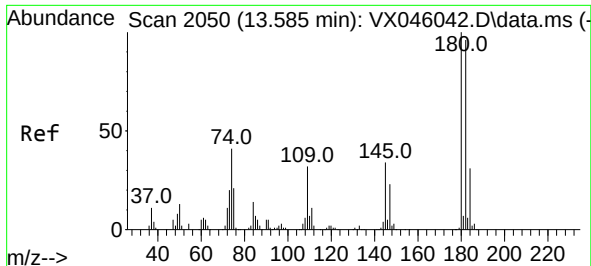


#92
1,2-Dibromo-3-Chloropropane
Concen: 120.915 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45



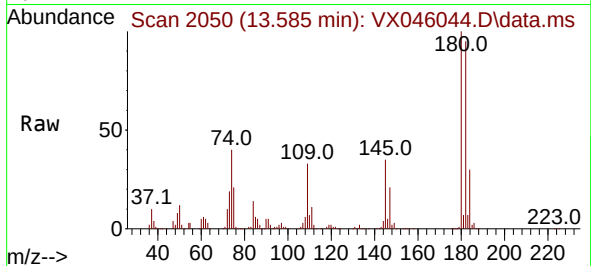
Tgt Ion: 75 Resp: 64438
Ion Ratio Lower Upper
75 100
155 69.6 34.9 104.8
157 88.4 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 134.366 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

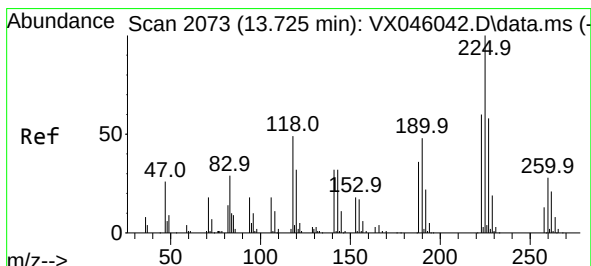
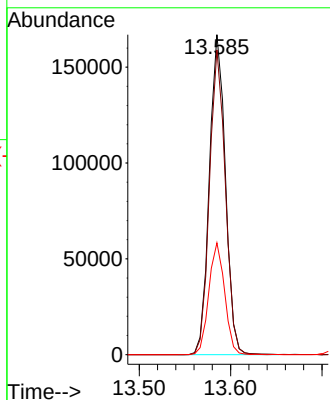
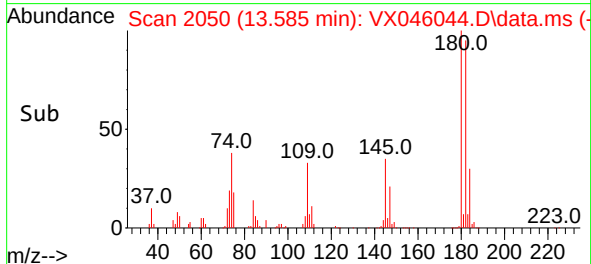
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:180 Resp: 20325
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.8
145 34.5 17.1 51.2

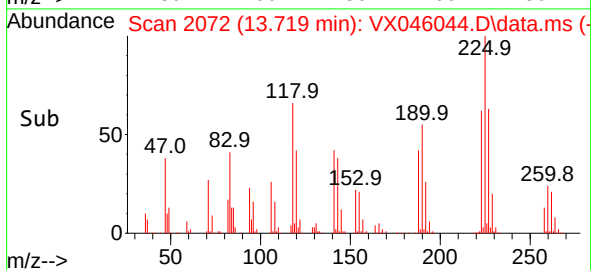
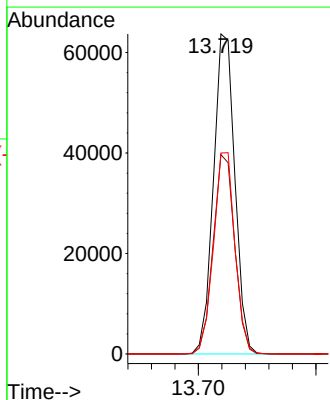
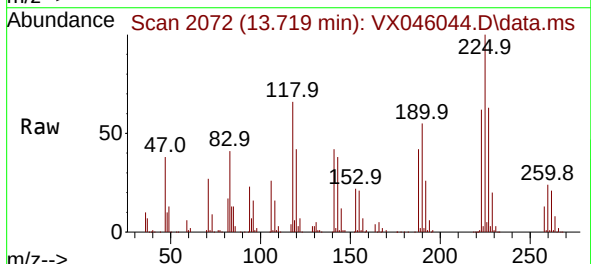
Manual Integrations
APPROVED

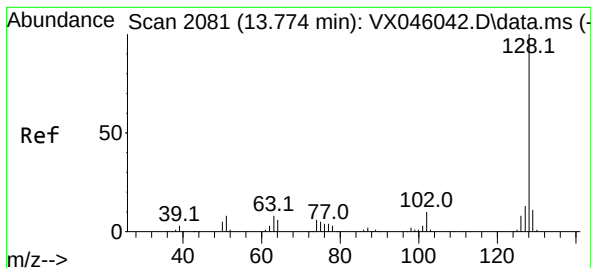
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#94
Hexachlorobutadiene
Concen: 113.857 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046044.D
Acq: 05 May 2025 12:45

Tgt Ion:225 Resp: 80558
Ion Ratio Lower Upper
225 100
223 62.5 30.8 92.4
227 63.1 30.9 92.7





#95

Naphthalene

Concen: 130.929 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:128 Resp: 721236

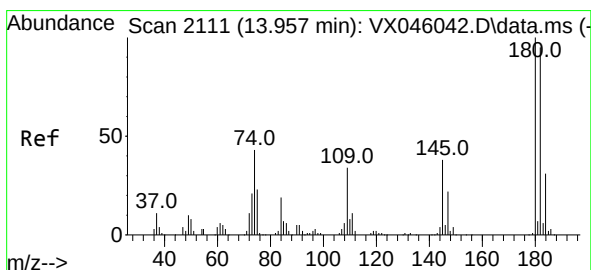
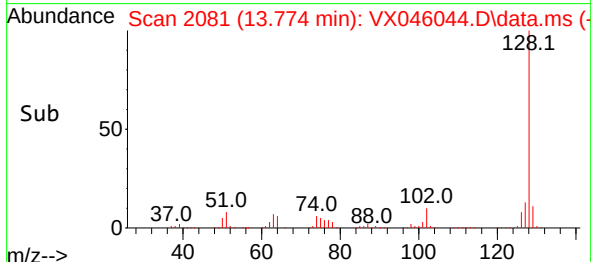
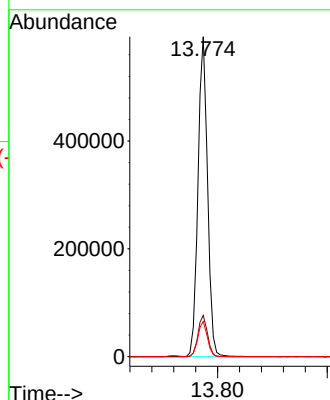
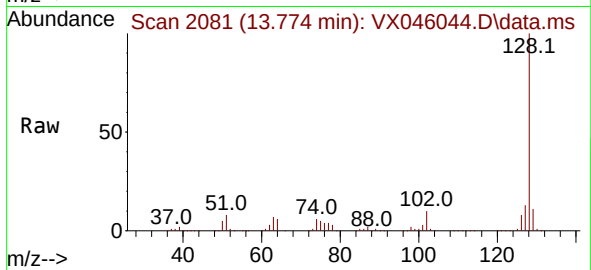
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#96

1,2,3-Trichlorobenzene

Concen: 126.331 ug/l

RT: 13.957 min Scan# 2111

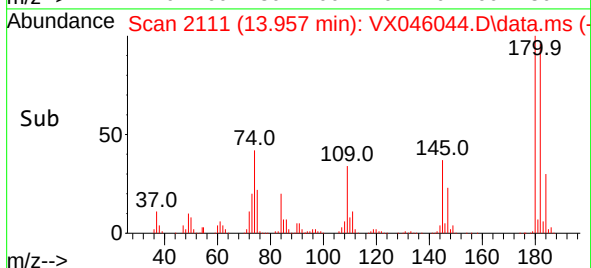
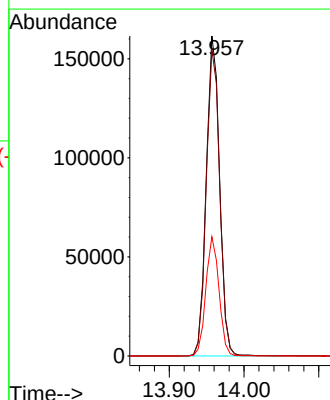
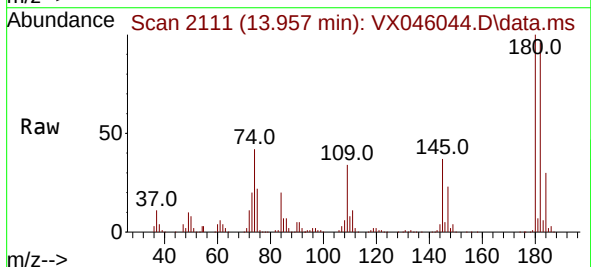
Delta R.T. 0.000 min

Lab File: VX046044.D

Acq: 05 May 2025 12:45

Tgt Ion:180 Resp: 200379

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.3
145	36.7	18.1	54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046046.D
 Acq On : 05 May 2025 16:04
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: May 06 06:12:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	96964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	168484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	9067	3.143	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	6.280%#		
35) Dibromofluoromethane	5.373	113	5969	3.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	6.320%#		
50) Toluene-d8	8.647	98	20566	3.232	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	6.460%#		
62) 4-Bromofluorobenzene	11.079	95	7822	3.378	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	6.760%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6195	2.894	ug/l	95
3) Chloromethane	1.307	50	6587	3.125	ug/l	99
4) Vinyl Chloride	1.374	62	5999	3.249	ug/l	96
5) Bromomethane	1.593	94	2962	3.164	ug/l	88
6) Chloroethane	1.666	64	3567	3.750	ug/l	94
7) Trichlorofluoromethane	1.874	101	9599	3.413	ug/l	88
8) Diethyl Ether	2.130	74	3020	3.266	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	5911	3.517	ug/l	99
10) Methyl Iodide	2.441	142	5900	2.990	ug/l	99
11) Tert butyl alcohol	2.965	59	5539	16.111	ug/l	98
12) 1,1-Dichloroethene	2.306	96	5496	3.359	ug/l	97
13) Acrolein	2.233	56	5673	14.206	ug/l	95
14) Allyl chloride	2.654	41	10262	3.319	ug/l	98
15) Acrylonitrile	3.062	53	16746	16.282	ug/l	97
16) Acetone	2.380	43	19773	20.036	ug/l	98
17) Carbon Disulfide	2.501	76	11068	2.919	ug/l	96
18) Methyl Acetate	2.703	43	7909	3.357	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	18497	3.241	ug/l	97
20) Methylene Chloride	2.782	84	6680	3.341	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	5402	3.234	ug/l	100
22) Diisopropyl ether	3.751	45	18657	3.230	ug/l #	65
23) Vinyl Acetate	3.715	43	82328	16.127	ug/l	99
24) 1,1-Dichloroethane	3.605	63	11193	3.297	ug/l	99
25) 2-Butanone	4.562	43	26125	18.340	ug/l	98
26) 2,2-Dichloropropane	4.465	77	8245	3.205	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	6222	3.089	ug/l	95
28) Bromochloromethane	4.891	49	5360	2.969	ug/l #	100
29) Tetrahydrofuran	5.001	42	15431	16.680	ug/l	98
30) Chloroform	5.080	83	11624	3.294	ug/l	89
31) Cyclohexane	5.458	56	10269	3.588	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	9827	3.229	ug/l	97
36) 1,1-Dichloropropene	5.678	75	7787	3.551	ug/l	98
37) Ethyl Acetate	4.721	43	9806m	3.565	ug/l	
38) Carbon Tetrachloride	5.659	117	8505	3.376	ug/l	97
39) Methylcyclohexane	7.373	83	9882	3.597	ug/l	93
40) Benzene	6.031	78	22528	3.315	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046046.D
 Acq On : 05 May 2025 16:04
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:12:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	4851	3.174	ug/l #	65
42) 1,2-Dichloroethane	6.080	62	10011	3.563	ug/l	100
43) Isopropyl Acetate	6.348	43	13914	3.309	ug/l	96
44) Trichloroethene	7.123	130	5313	3.307	ug/l	94
45) 1,2-Dichloropropane	7.427	63	5451	3.228	ug/l #	89
46) Dibromomethane	7.580	93	4417	3.318	ug/l	98
47) Bromodichloromethane	7.818	83	8394	3.254	ug/l	98
48) Methyl methacrylate	7.696	41	7171	3.321	ug/l	97
49) 1,4-Dioxane	7.659	88	2907	67.721	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	46794	16.967	ug/l	98
52) Toluene	8.714	92	14126	3.505	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	6834	3.155	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	7908	3.129	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	5685	3.490	ug/l	98
56) Ethyl methacrylate	9.116	69	8555	3.390	ug/l	98
57) 1,3-Dichloropropane	9.305	76	10127	3.508	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.238	63	20809	18.346	ug/l	99
59) 2-Hexanone	9.427	43	34853	16.651	ug/l	97
60) Dibromochloromethane	9.518	129	5500	3.102	ug/l	98
61) 1,2-Dibromoethane	9.604	107	5614	3.356	ug/l	99
64) Tetrachloroethene	9.269	164	4752	3.162	ug/l	96
65) Chlorobenzene	10.079	112	15391	3.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	5024	3.326	ug/l	99
67) Ethyl Benzene	10.195	91	26732	3.463	ug/l	99
68) m/p-Xylenes	10.299	106	19957	7.156	ug/l	98
69) o-Xylene	10.640	106	9398	3.343	ug/l	95
70) Styrene	10.652	104	14900	3.312	ug/l	99
71) Bromoform	10.799	173	3470	3.059	ug/l #	99
73) Isopropylbenzene	10.957	105	24201	3.266	ug/l	98
74) N-amyl acetate	10.841	43	11224	3.038	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	9170	3.479	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	7928m	2.799	ug/l	
77) Bromobenzene	11.195	156	5857	3.417	ug/l	96
78) n-propylbenzene	11.299	91	28436	3.424	ug/l	100
79) 2-Chlorotoluene	11.360	91	18672	3.336	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	20742	3.372	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1828	2.686	ug/l	99
82) 4-Chlorotoluene	11.451	91	19966	3.245	ug/l	98
83) tert-Butylbenzene	11.713	119	21049	3.484	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	20613	3.355	ug/l	97
85) sec-Butylbenzene	11.890	105	25590	3.412	ug/l	99
86) p-Isopropyltoluene	12.006	119	20955	3.460	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	10585	3.315	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	10908	3.486	ug/l	90
89) n-Butylbenzene	12.329	91	18004	3.419	ug/l	94
90) Hexachloroethane	12.536	117	3553	3.153	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	10712	3.444	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1687	2.812	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	5720	3.359	ug/l	96
94) Hexachlorobutadiene	13.719	225	2816	3.535	ug/l	96
95) Naphthalene	13.774	128	19902	3.209	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	5745	3.217	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046046.D
Acq On : 05 May 2025 16:04
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

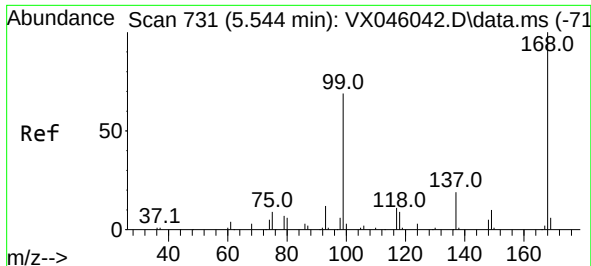
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:12:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

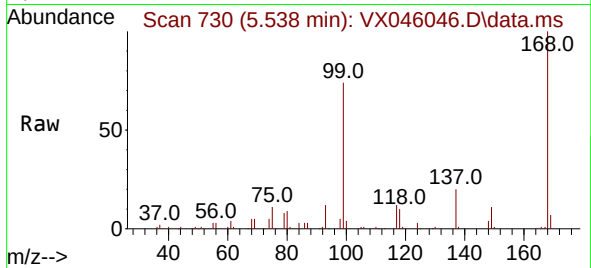
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

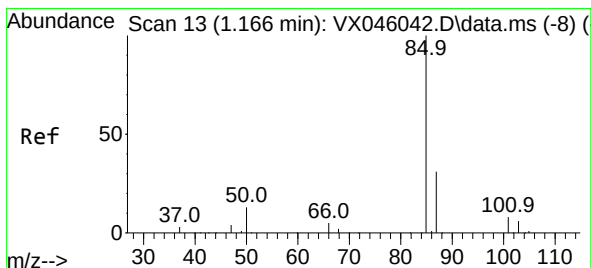
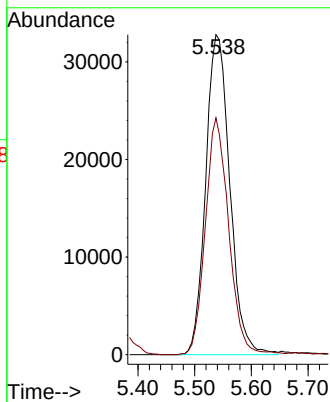
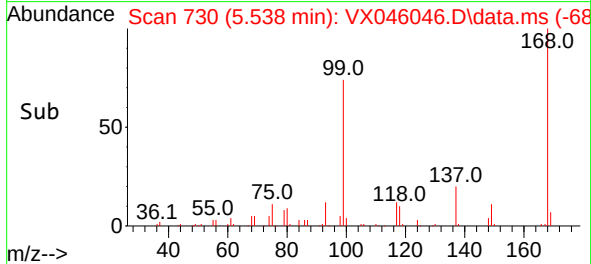
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 9696
Ion Ratio Lower Upper
168 100
99 74.0 54.9 82.3

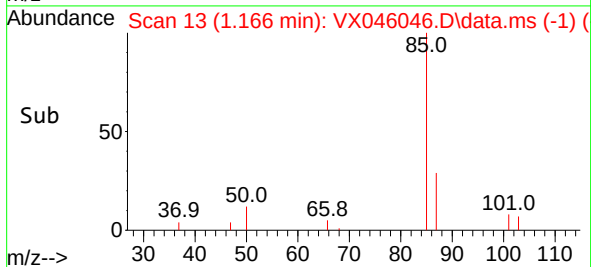
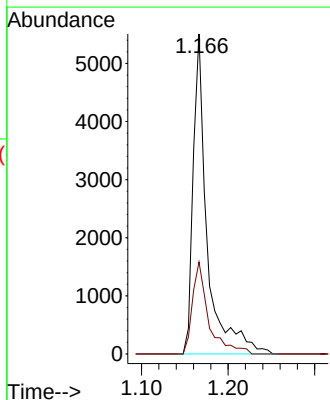
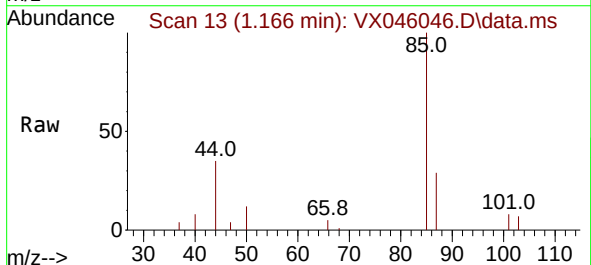
Manual Integrations
APPROVED

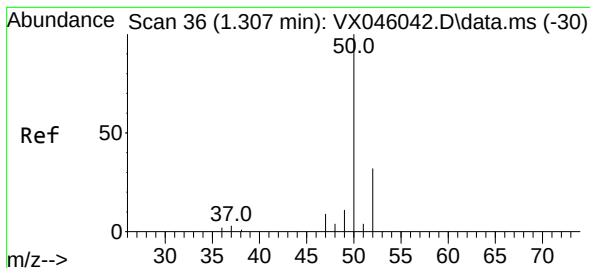
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 2.894 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

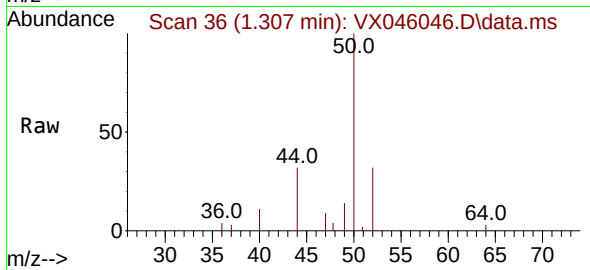
Tgt Ion: 85 Resp: 6195
Ion Ratio Lower Upper
85 100
87 28.7 15.7 47.1





#3
Chloromethane
Concen: 3.125 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

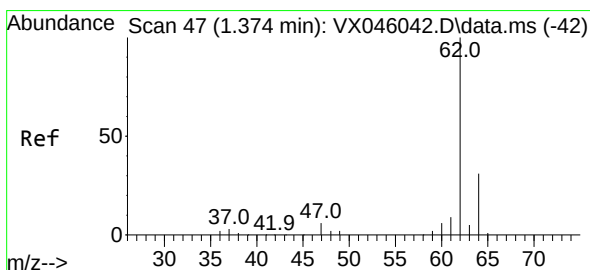
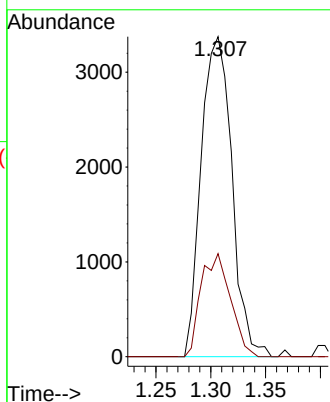
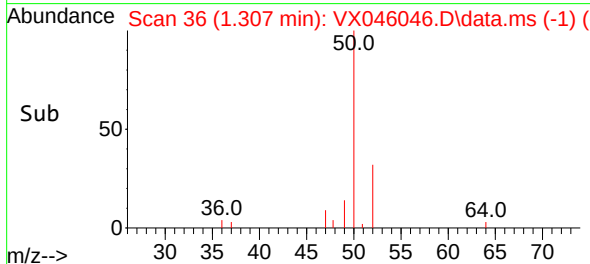
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2

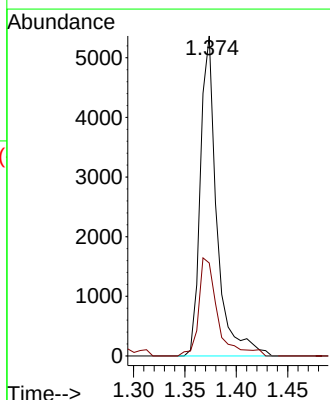
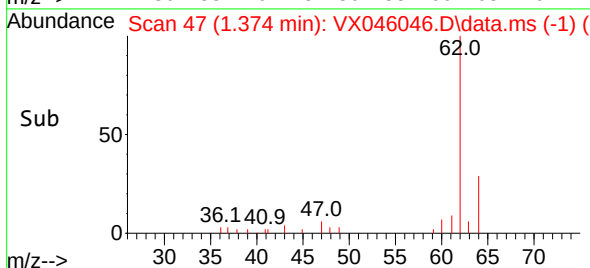
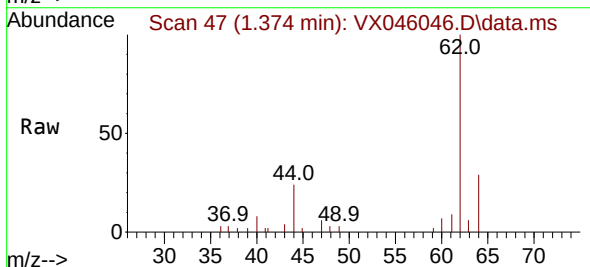
Manual Integrations
APPROVED

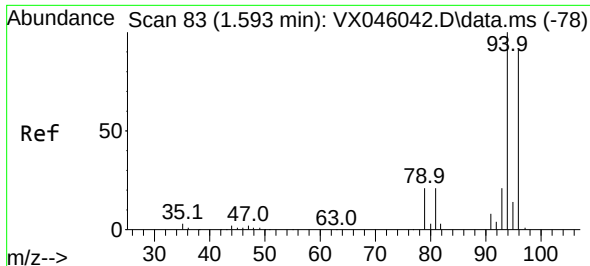
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#4
Vinyl Chloride
Concen: 3.249 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

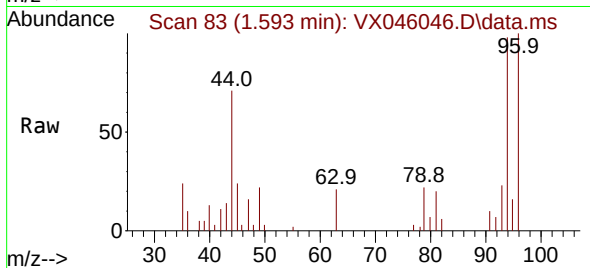
Tgt Ion: 62 Resp: 5999
Ion Ratio Lower Upper
62 100
64 29.1 25.2 37.8





#5
Bromomethane
Concen: 3.164 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

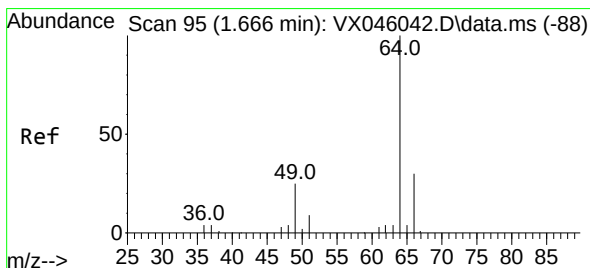
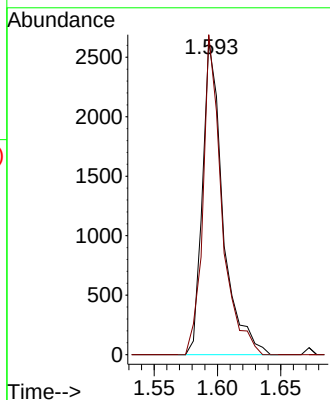
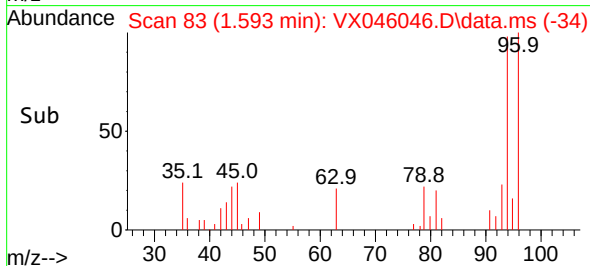
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 2962
Ion Ratio Lower Upper
94 100
96 102.2 72.8 109.2

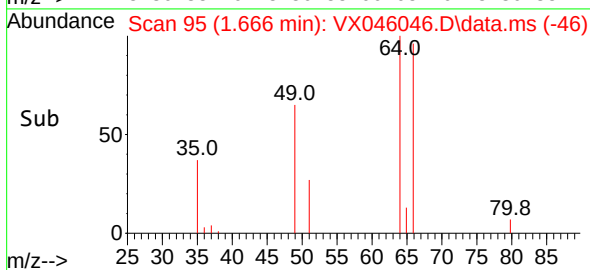
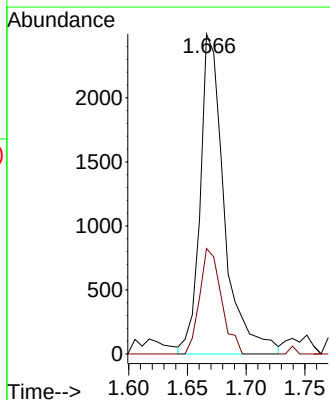
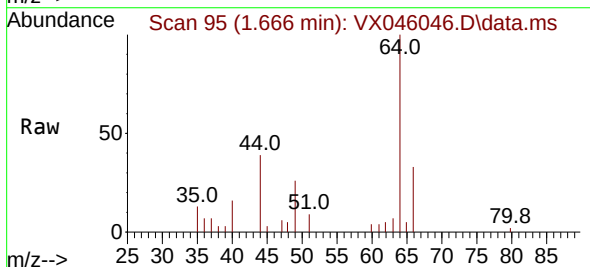
Manual Integrations
APPROVED

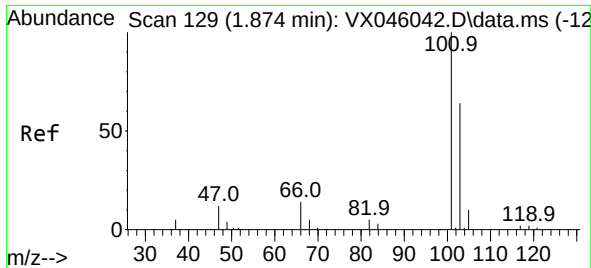
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#6
Chloroethane
Concen: 3.750 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

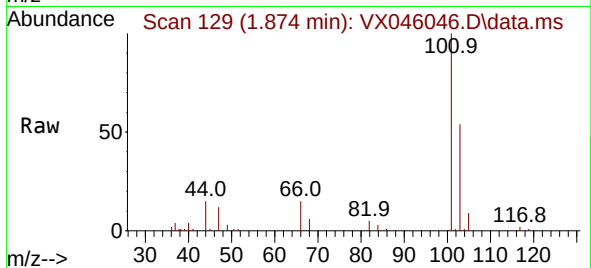
Tgt Ion: 64 Resp: 3567
Ion Ratio Lower Upper
64 100
66 33.7 24.3 36.5





#7
Trichlorofluoromethane
Concen: 3.413 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

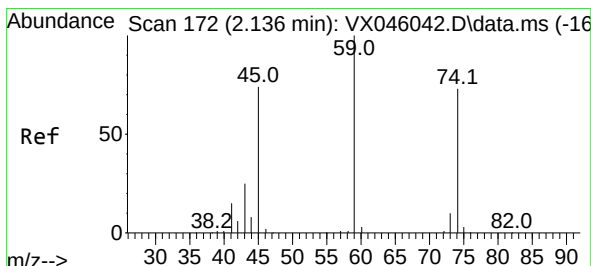
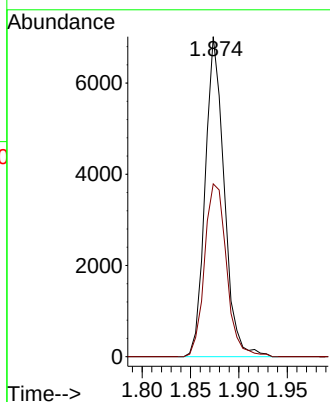
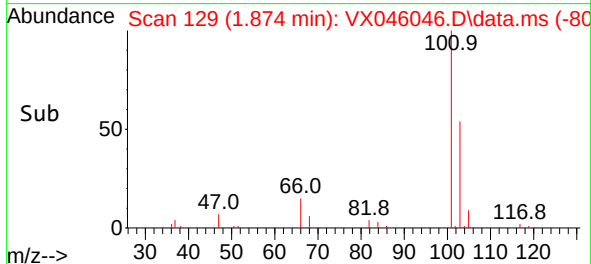
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



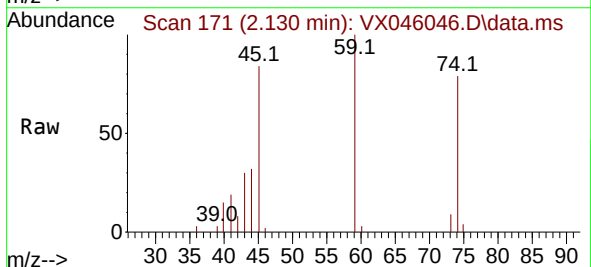
Tgt Ion:101 Resp: 959
Ion Ratio Lower Upper
101 100
103 54.0 51.0 76.4

Manual Integrations
APPROVED

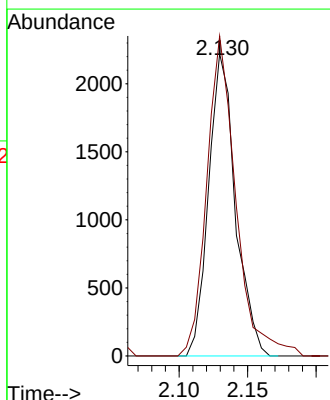
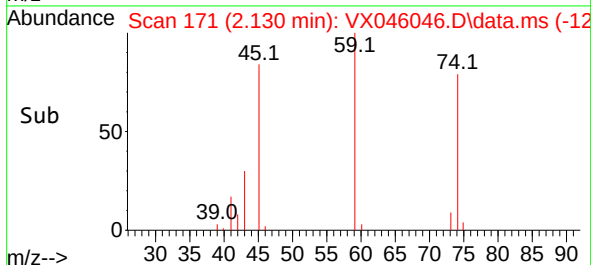
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

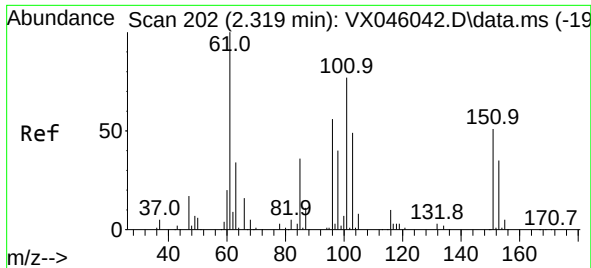


#8
Diethyl Ether
Concen: 3.266 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion: 74 Resp: 3020
Ion Ratio Lower Upper
74 100
45 115.1 54.9 164.8





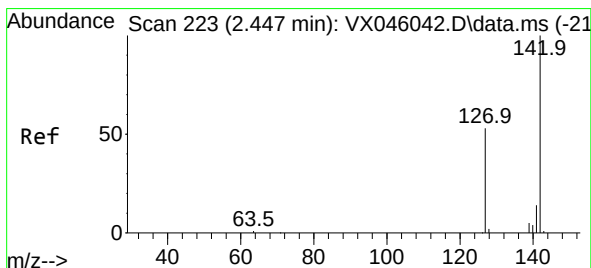
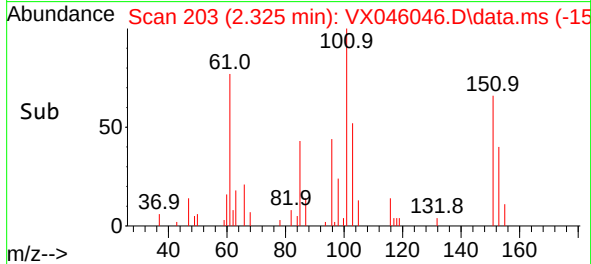
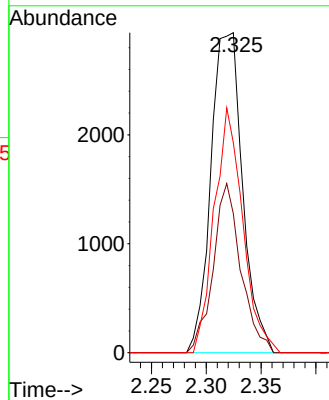
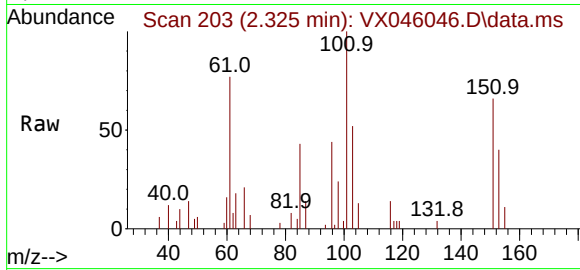
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.517 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 591
Ion Ratio Lower Upper
101 100
85 46.3 38.6 58.0
151 68.8 55.2 82.8

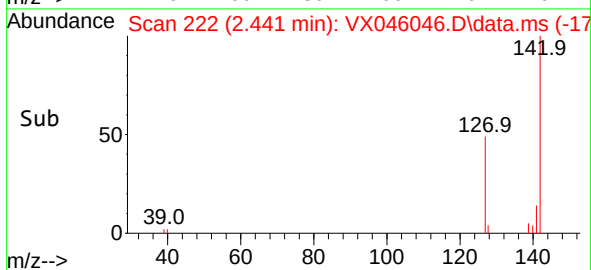
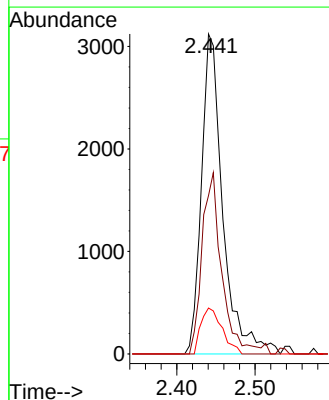
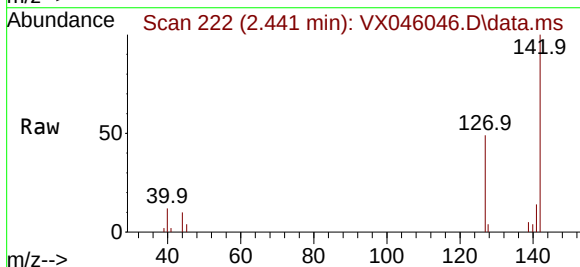
Manual Integrations
APPROVED

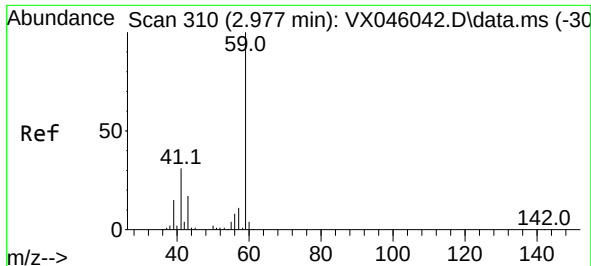
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#10
Methyl Iodide
Concen: 2.990 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

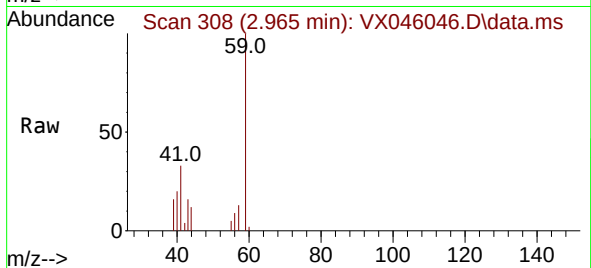
Tgt Ion:142 Resp: 5900
Ion Ratio Lower Upper
142 100
127 52.8 41.7 62.5
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 16.111 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

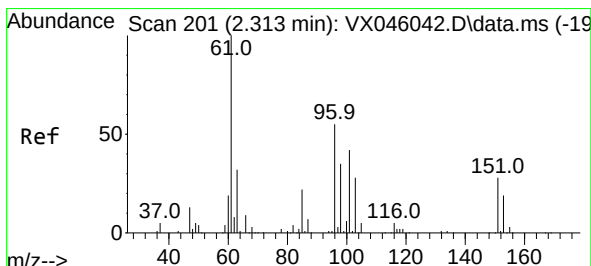
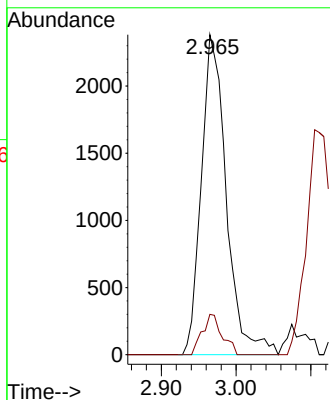
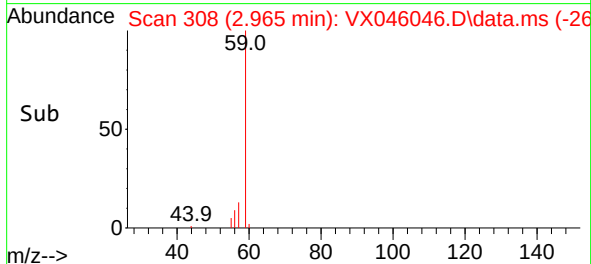
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



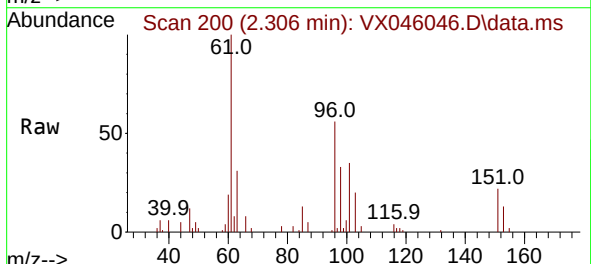
Tgt Ion: 59 Resp: 5539
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

Manual Integrations
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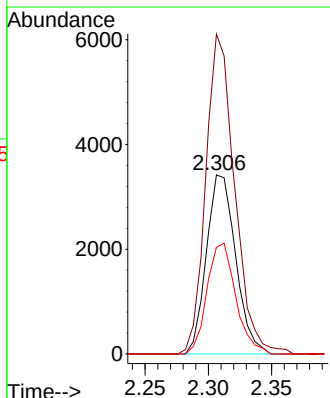
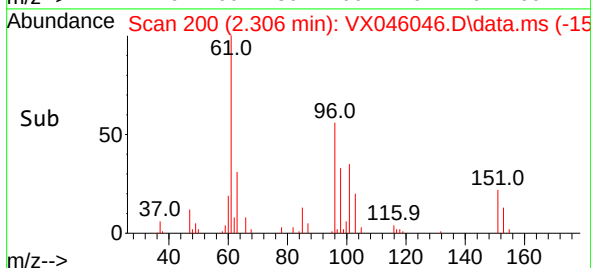
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

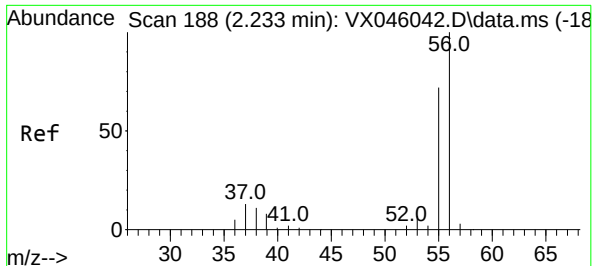


#12
1,1-Dichloroethene
Concen: 3.359 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



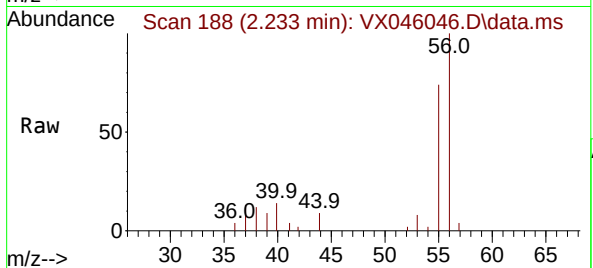
Tgt Ion: 96 Resp: 5496
Ion Ratio Lower Upper
96 100
61 178.7 146.2 219.2
98 59.5 51.0 76.6





#13
Acrolein
Concen: 14.206 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

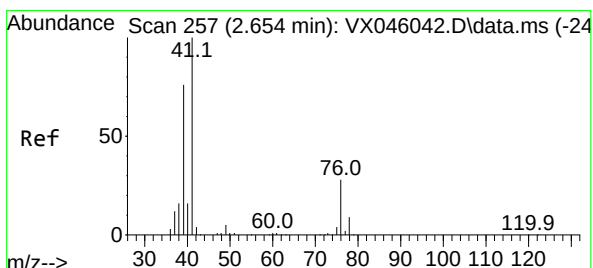
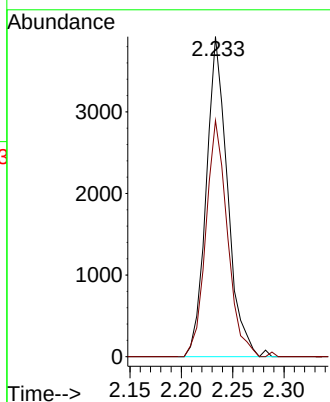
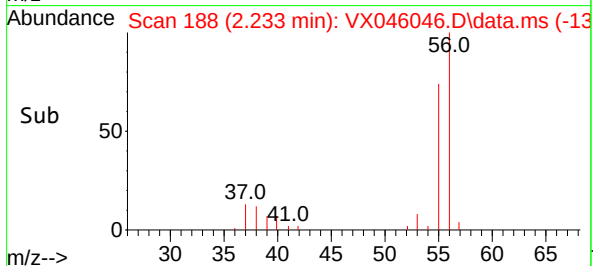
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



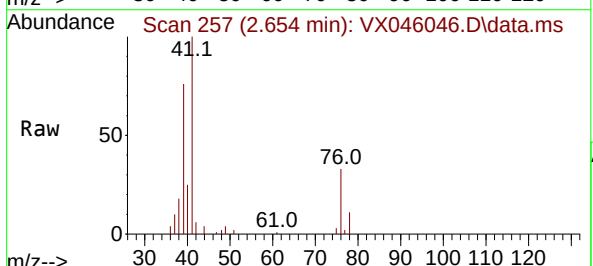
Tgt Ion: 56 Resp: 567
Ion Ratio Lower Upper
56 100
55 74.5 56.2 84.4

Manual Integrations
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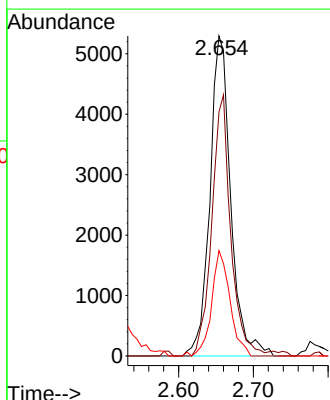
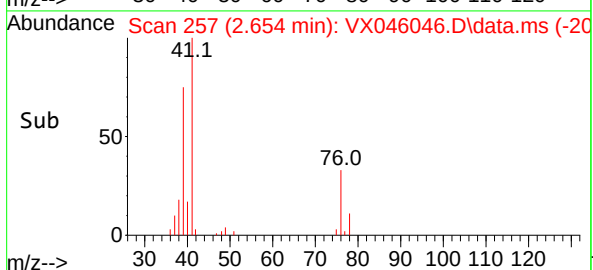
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

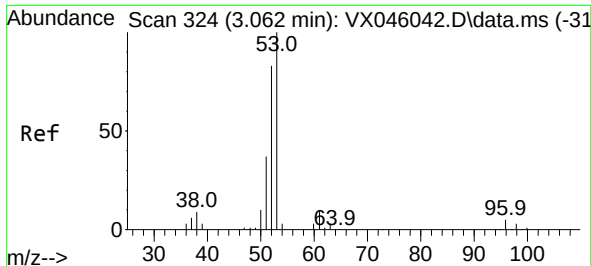


#14
Allyl chloride
Concen: 3.319 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



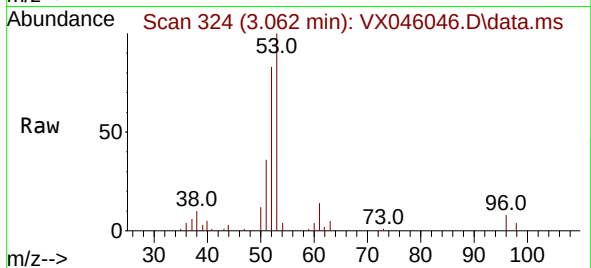
Tgt Ion: 41 Resp: 10262
Ion Ratio Lower Upper
41 100
39 74.1 60.6 90.8
76 29.1 24.9 37.3





#15
Acrylonitrile
Concen: 16.282 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

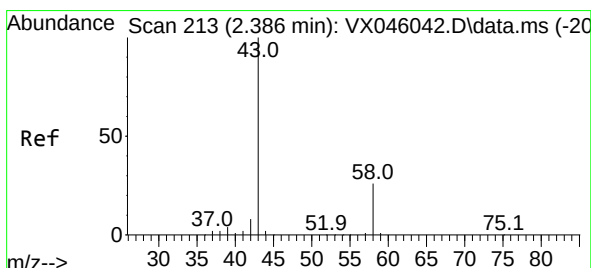
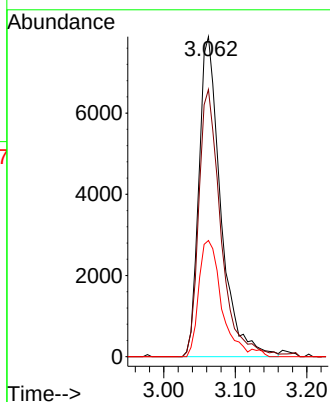
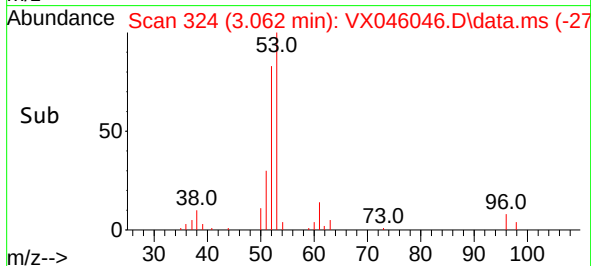
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



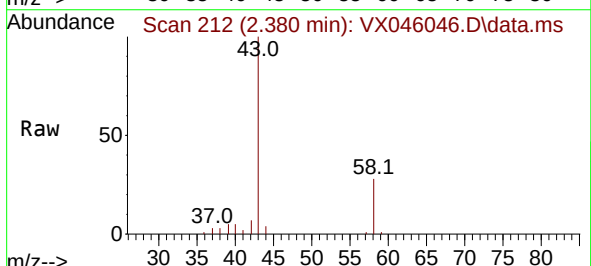
Tgt Ion: 53 Resp: 16740
Ion Ratio Lower Upper
53 100
52 84.3 65.3 97.9
51 38.5 29.8 44.8

Manual Integrations
APPROVED

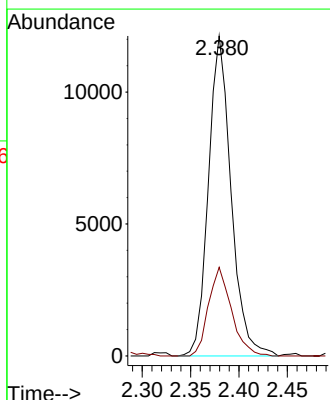
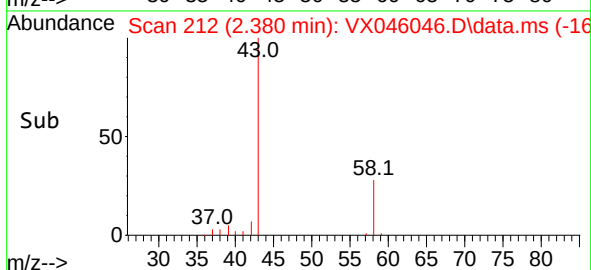
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

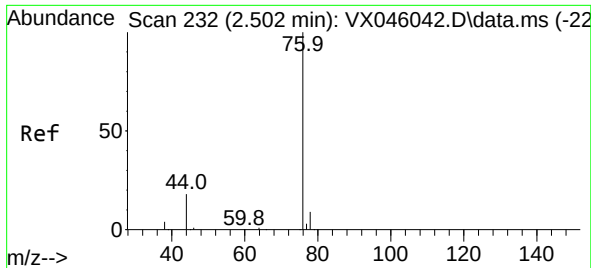


#16
Acetone
Concen: 20.036 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion: 43 Resp: 19773
Ion Ratio Lower Upper
43 100
58 27.7 21.2 31.8





#17

Carbon Disulfide

Concen: 2.919 ug/l

RT: 2.501 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 11068

Ion Ratio Lower Upper

76 100

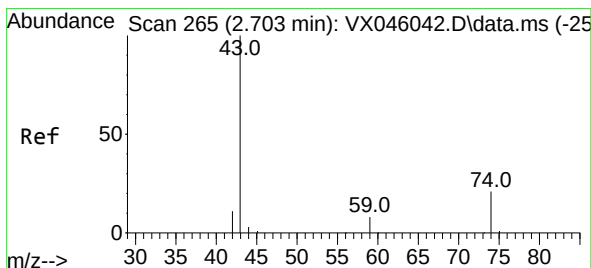
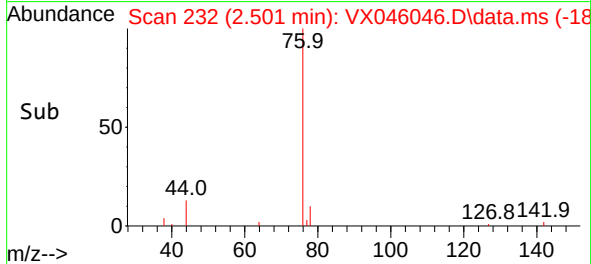
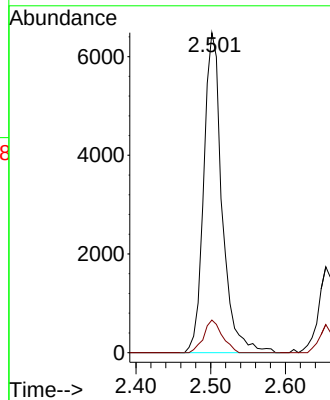
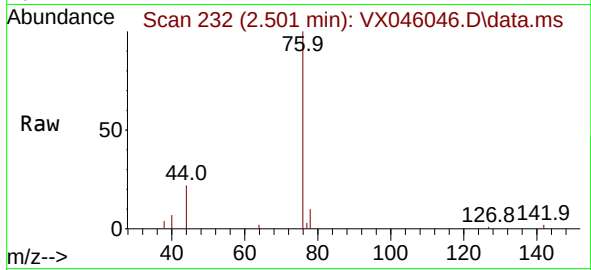
78 10.2 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#18

Methyl Acetate

Concen: 3.357 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046046.D

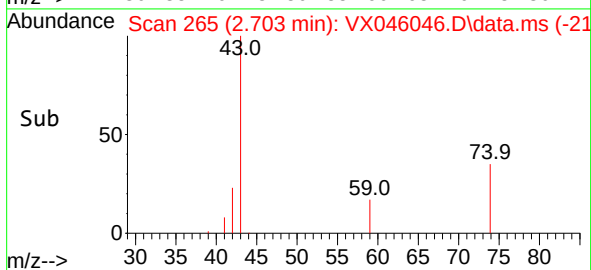
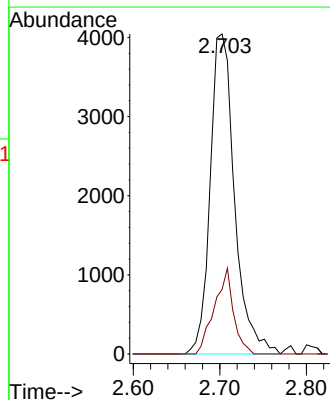
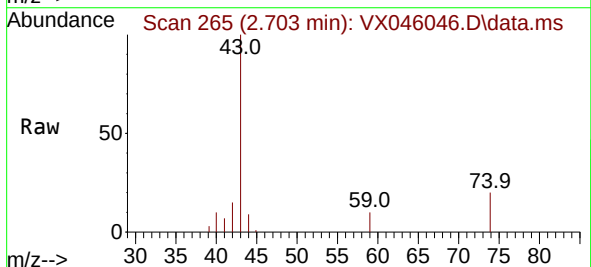
Acq: 05 May 2025 16:04

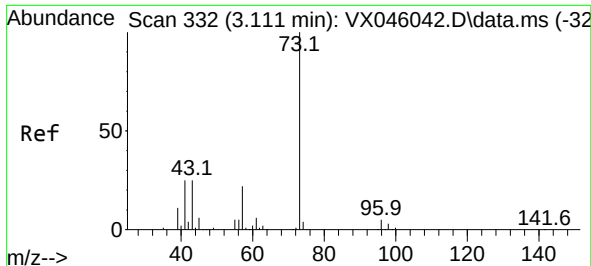
Tgt Ion: 43 Resp: 7909

Ion Ratio Lower Upper

43 100

74 20.9 16.7 25.1





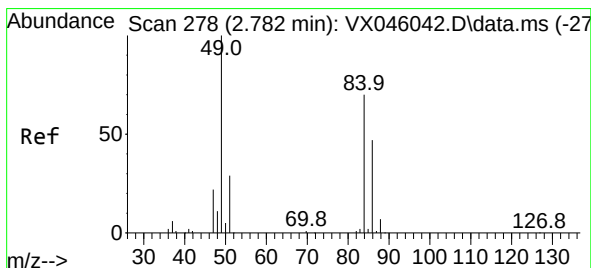
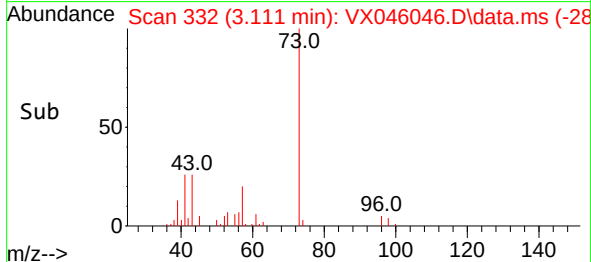
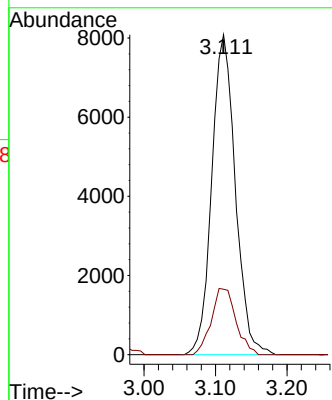
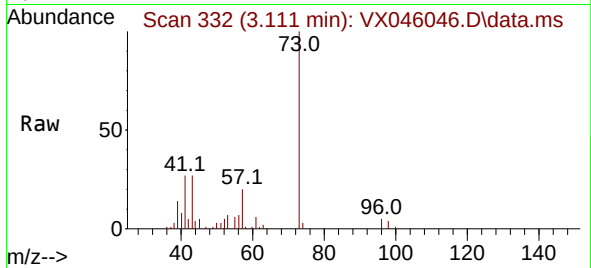
#19
Methyl tert-butyl Ether
Concen: 3.241 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 1849
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5

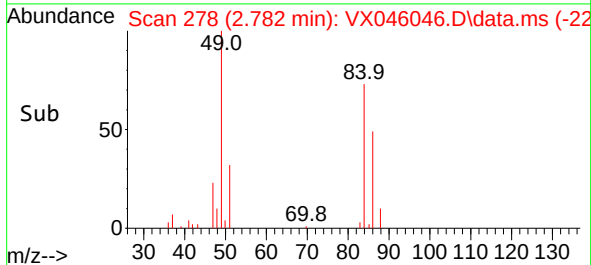
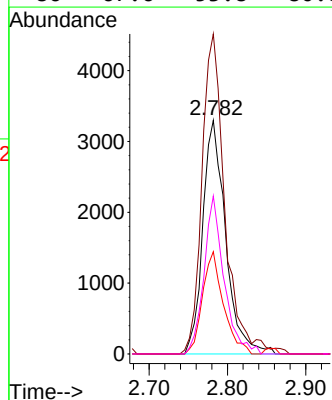
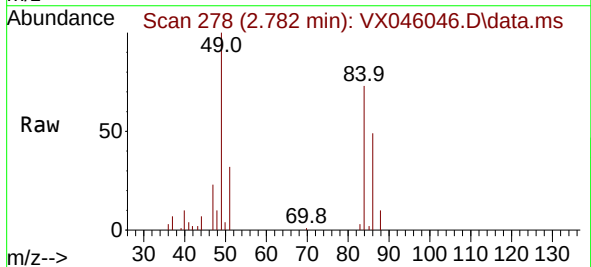
Manual Integrations
APPROVED

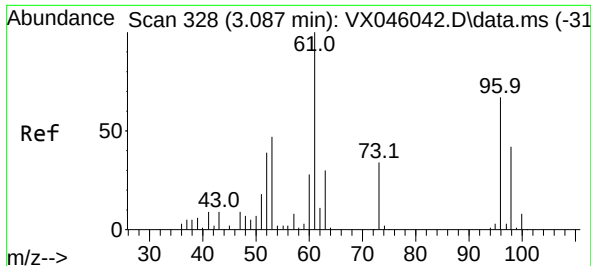
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#20
Methylene Chloride
Concen: 3.341 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 84 Resp: 6680
Ion Ratio Lower Upper
84 100
49 137.0 113.9 170.9
51 43.8 33.5 50.3
86 67.6 53.8 80.8





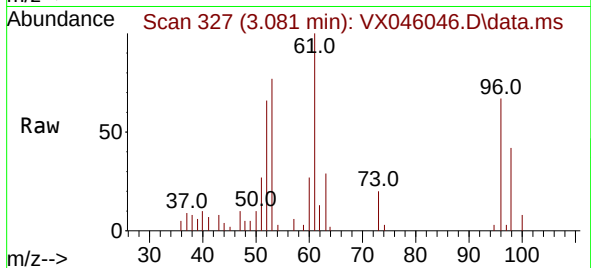
#21
trans-1,2-Dichloroethene
Concen: 3.234 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



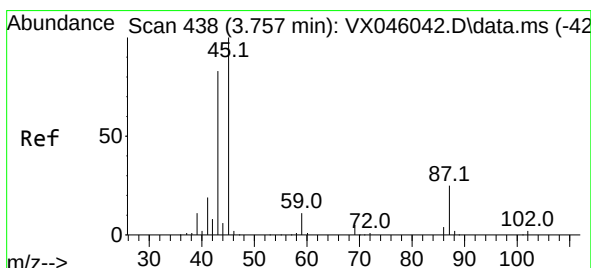
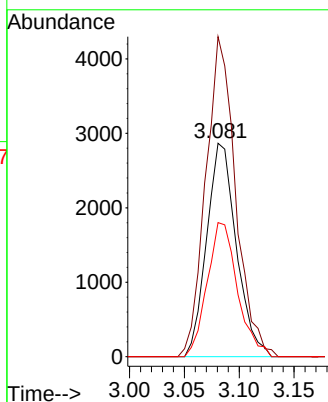
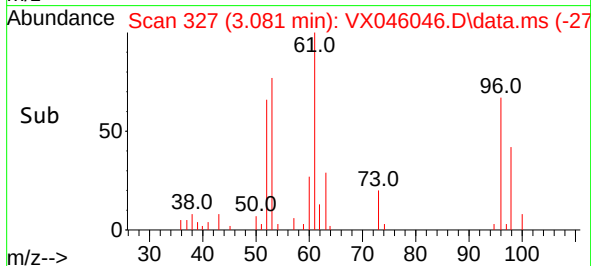
Tgt Ion: 96 Resp: 540
Ion Ratio Lower Upper
96 100
61 149.9 119.5 179.3
98 62.9 50.0 75.0

Manual Integrations

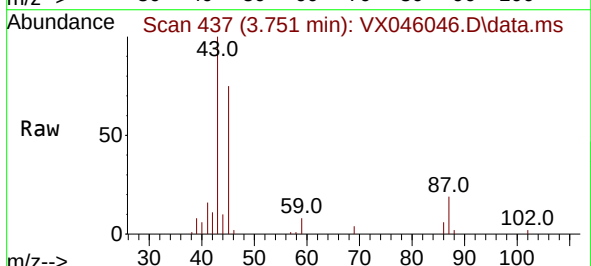
APPROVED

Reviewed By :John Carlone 05/06/2025

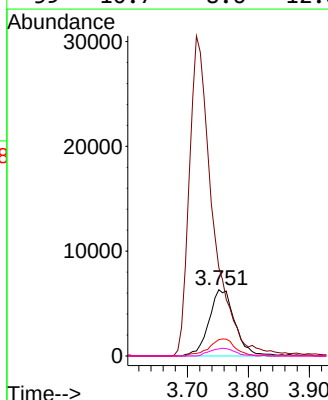
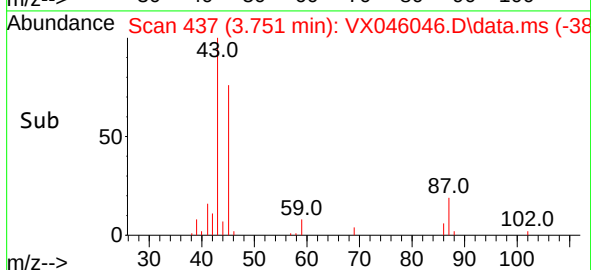
Supervised By :Mahesh Dadoda 05/06/2025

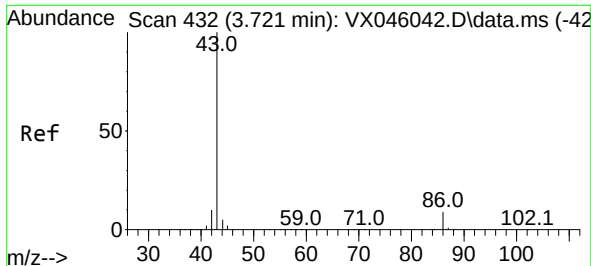


#22
Diisopropyl ether
Concen: 3.230 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion: 45 Resp: 18657
Ion Ratio Lower Upper
45 100
43 128.0 66.6 100.0#
87 24.7 19.8 29.6
59 10.7 8.6 12.8





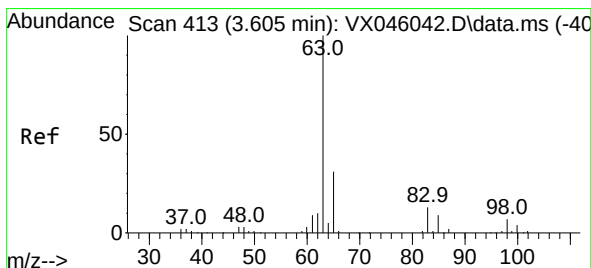
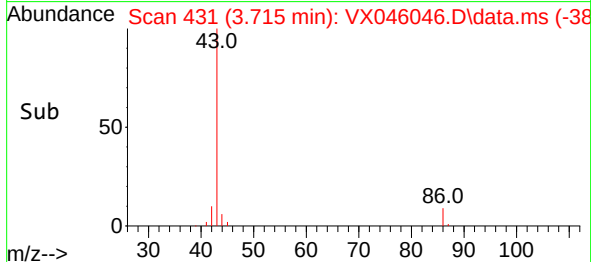
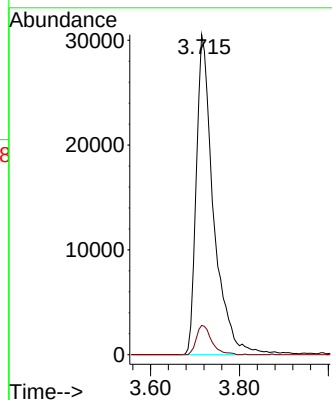
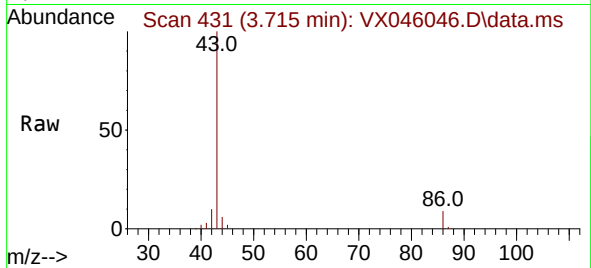
#23
 Vinyl Acetate
 Concen: 16.127 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046046.D
 Acq: 05 May 2025 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 82328
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3

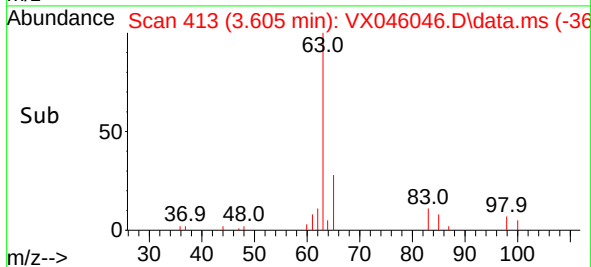
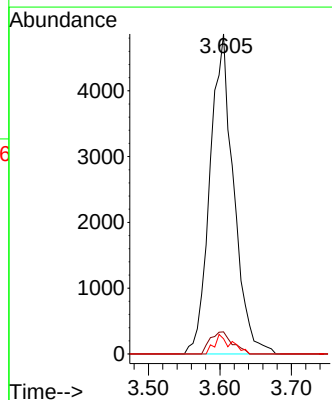
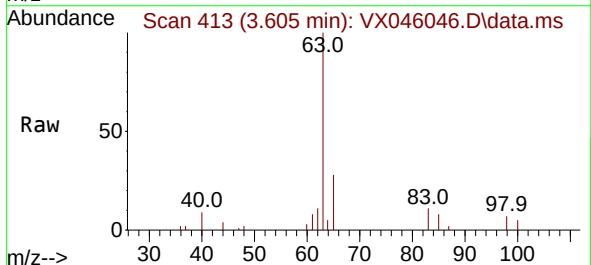
Manual Integrations
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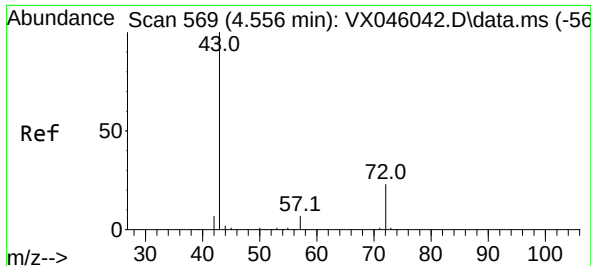
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#24
 1,1-Dichloroethane
 Concen: 3.297 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046046.D
 Acq: 05 May 2025 16:04

Tgt Ion: 63 Resp: 11193
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.7 2.1 6.3





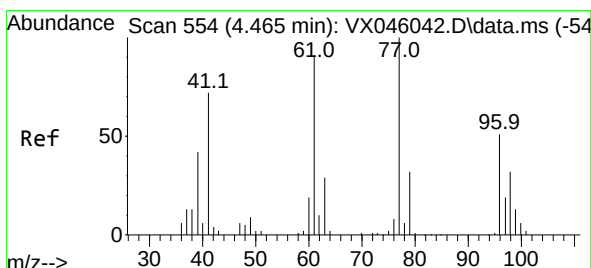
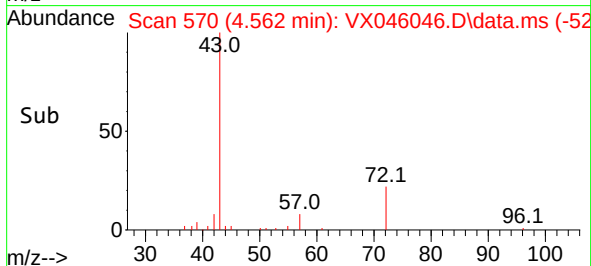
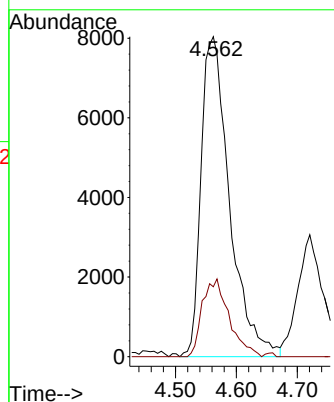
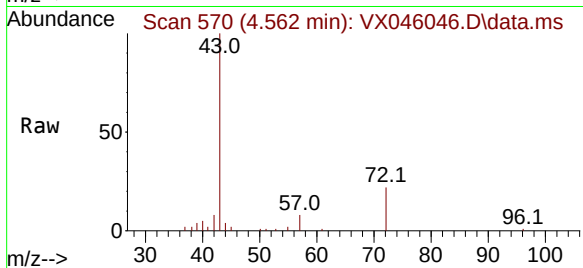
#25
2-Butanone
Concen: 18.340 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2612
Ion Ratio Lower Upper
43 100
72 21.8 18.4 27.6

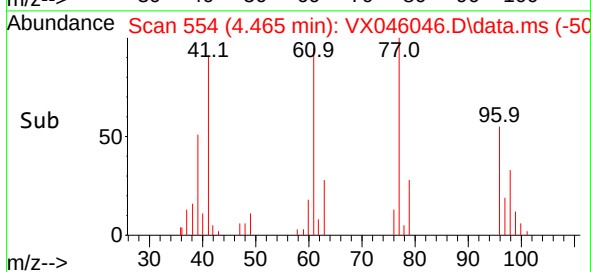
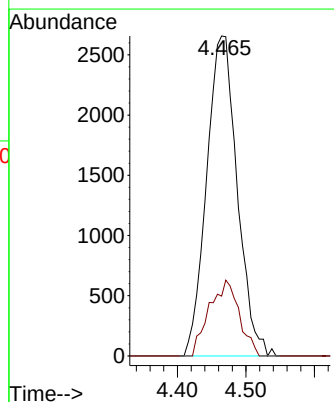
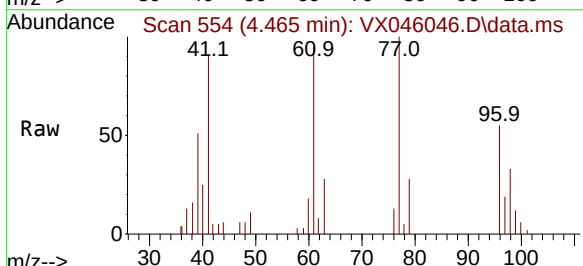
Manual Integrations
APPROVED

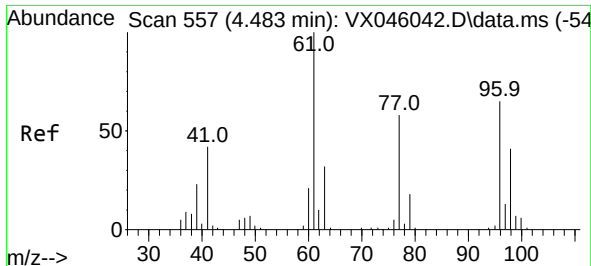
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#26
2,2-Dichloropropane
Concen: 3.205 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 77 Resp: 8245
Ion Ratio Lower Upper
77 100
97 23.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 3.089 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 622

Ion Ratio Lower Upper

96 100

61 168.5 0.0 322.8

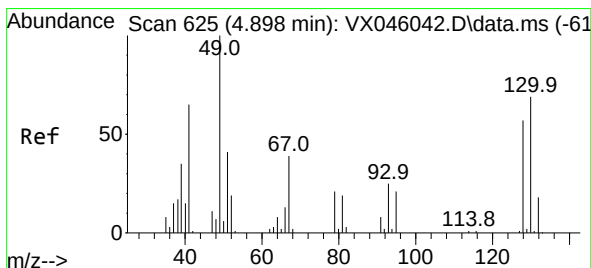
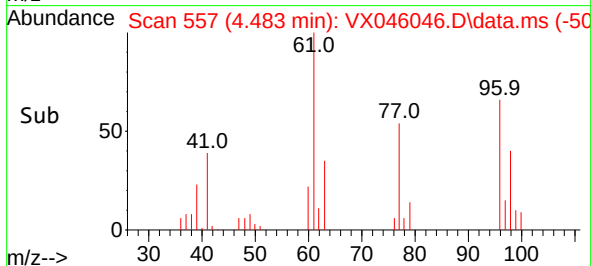
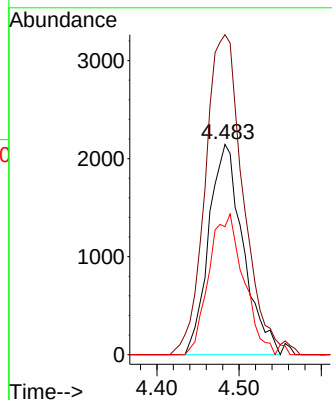
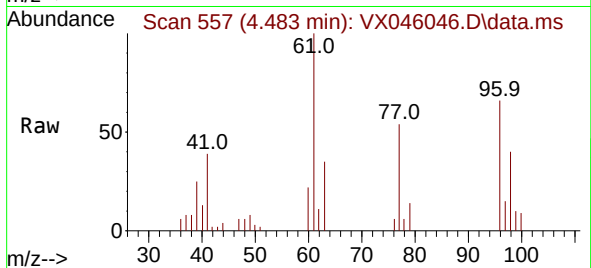
98 67.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#28

Bromochloromethane

Concen: 2.969 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

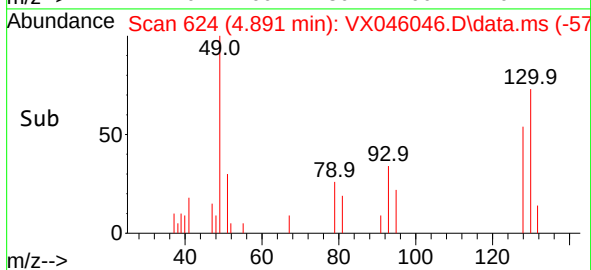
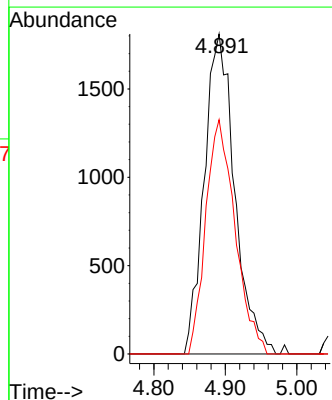
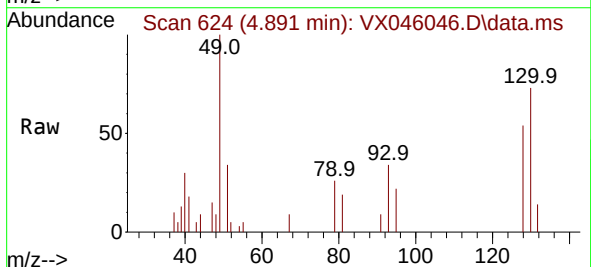
Tgt Ion: 49 Resp: 5360

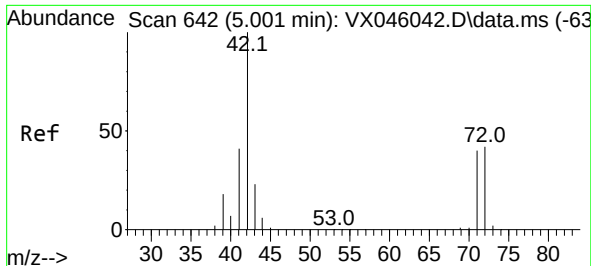
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 70.5 56.2 84.2





#29

Tetrahydrofuran

Concen: 16.680 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

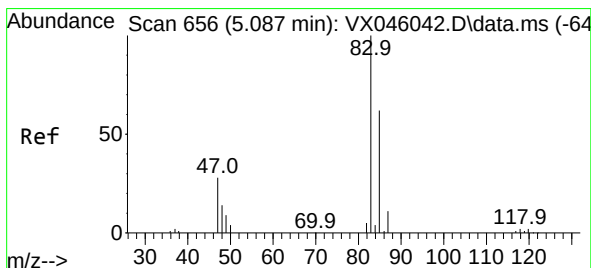
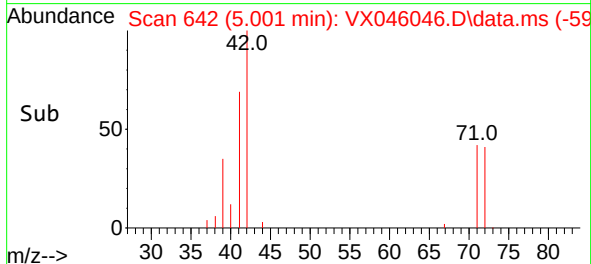
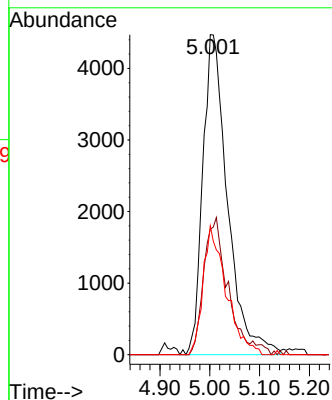
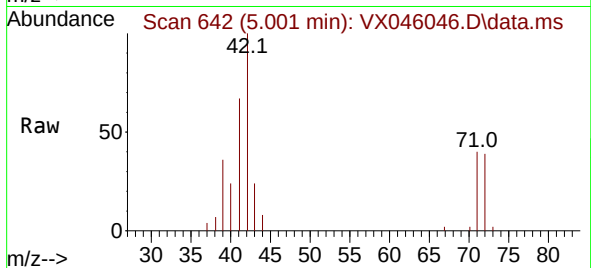
Tgt Ion:	42	Resp:	1543
Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.7	50.5
71	37.4	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#30

Chloroform

Concen: 3.294 ug/l

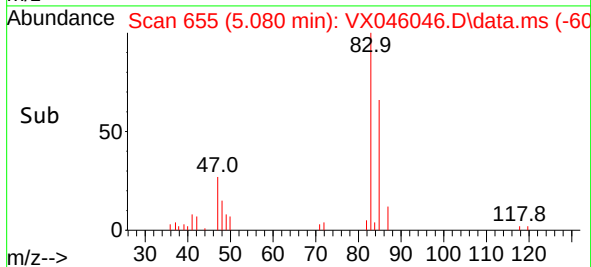
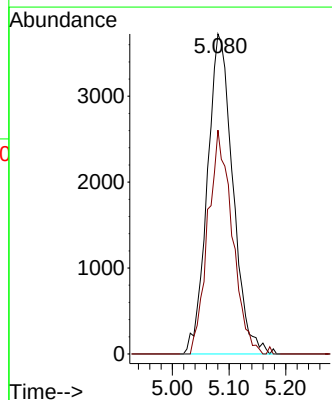
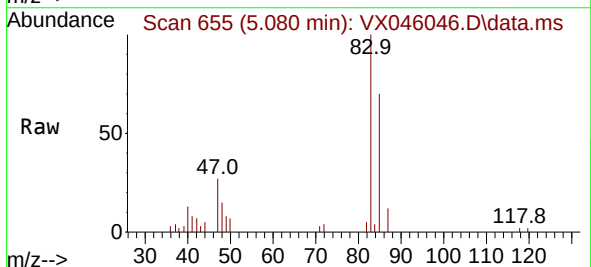
RT: 5.080 min Scan# 655

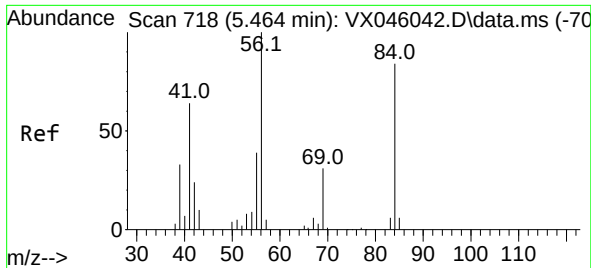
Delta R.T. -0.006 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

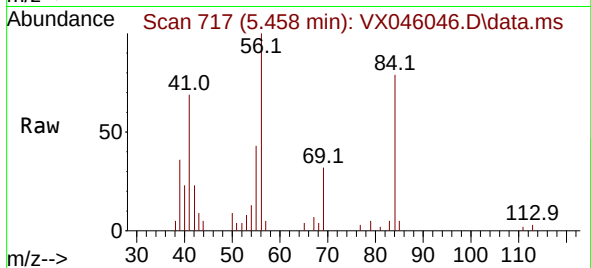
Tgt Ion:	83	Resp:	11624
Ion	Ratio	Lower	Upper
83	100		
85	69.9	49.3	73.9





#31
Cyclohexane
Concen: 3.588 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

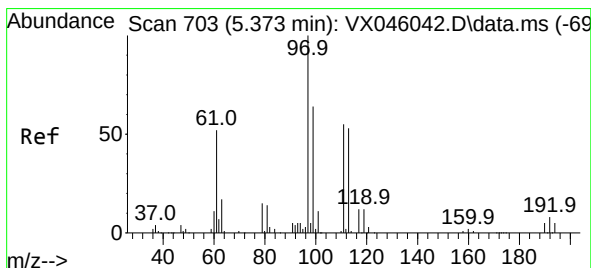
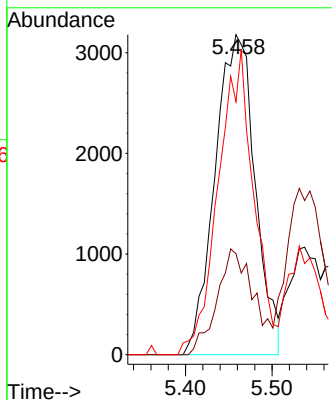
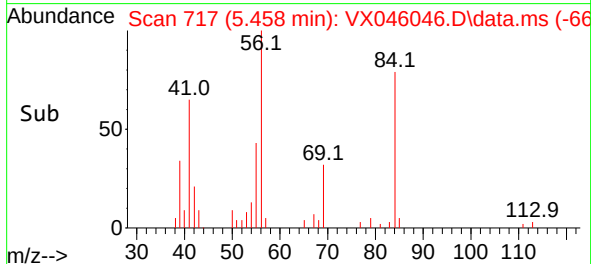
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 10269
Ion Ratio Lower Upper
56 100
69 31.6 24.4 36.6
84 79.1 66.9 100.3

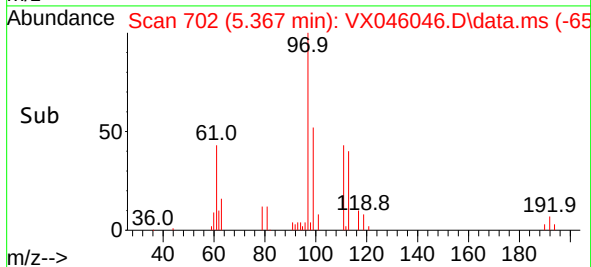
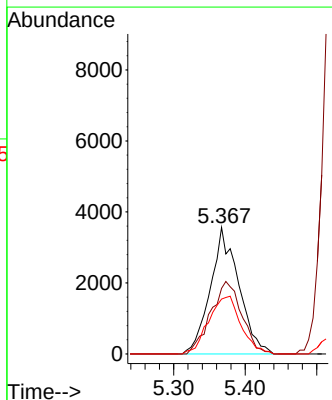
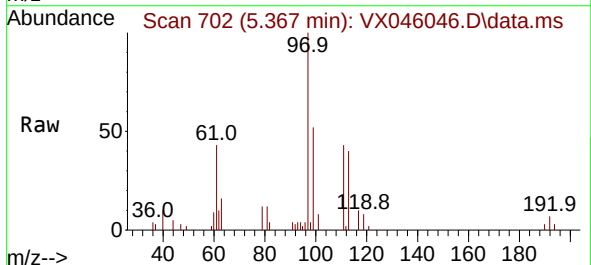
Manual Integrations
APPROVED

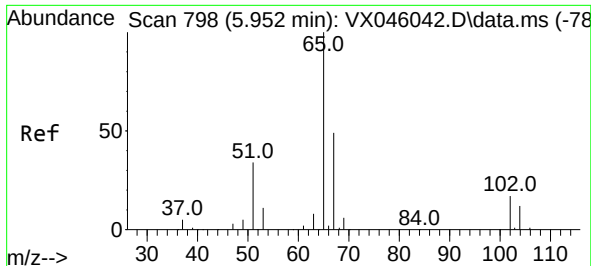
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#32
1,1,1-Trichloroethane
Concen: 3.229 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 97 Resp: 9827
Ion Ratio Lower Upper
97 100
99 62.6 51.8 77.6
61 51.8 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 3.143 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 906

Ion Ratio Lower Upper

65 100

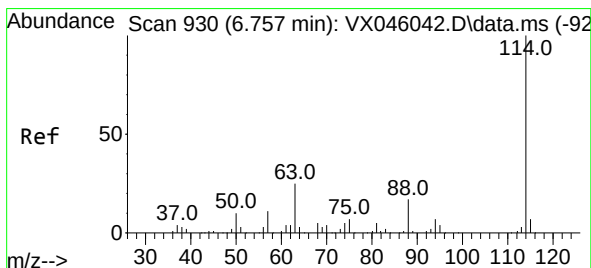
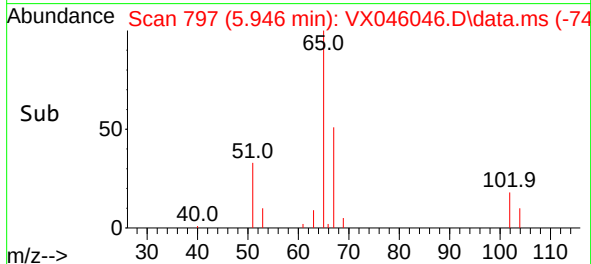
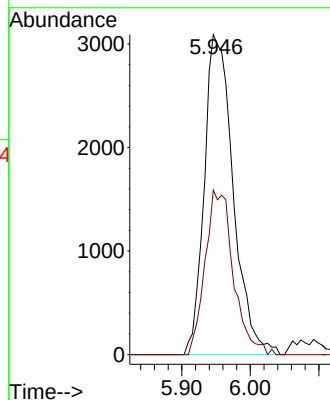
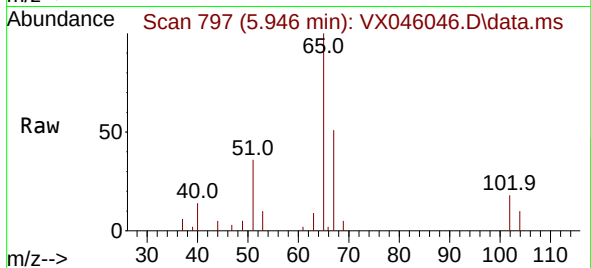
67 50.1 0.0 99.0

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: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

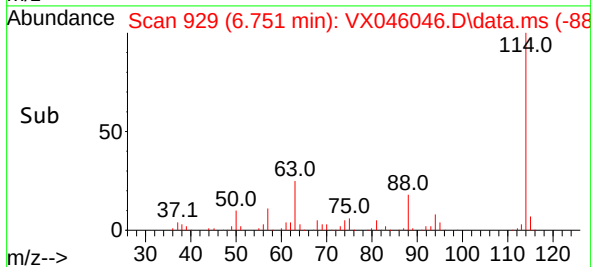
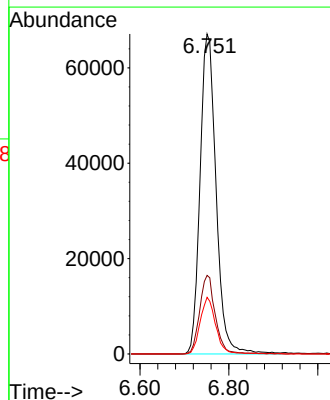
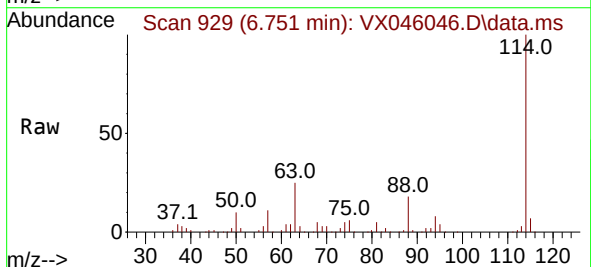
Tgt Ion:114 Resp: 168484

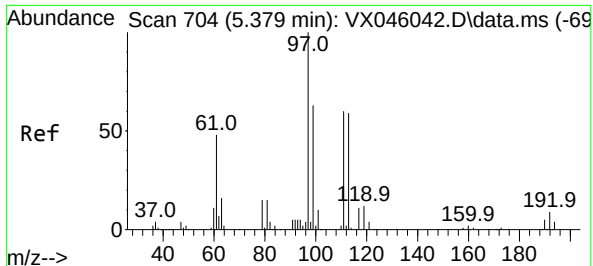
Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.2

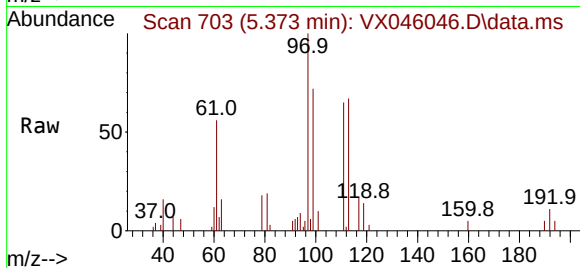
88 17.7 0.0 33.6





#35
Dibromofluoromethane
Concen: 3.161 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

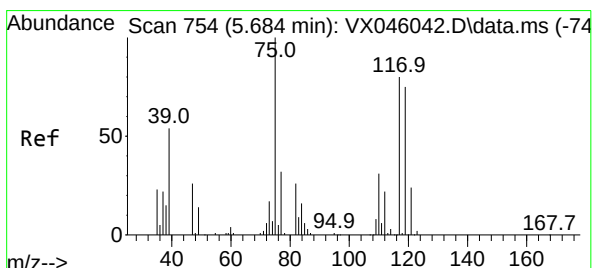
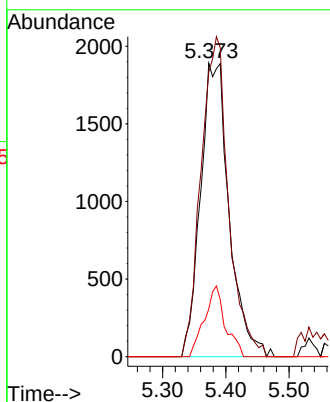
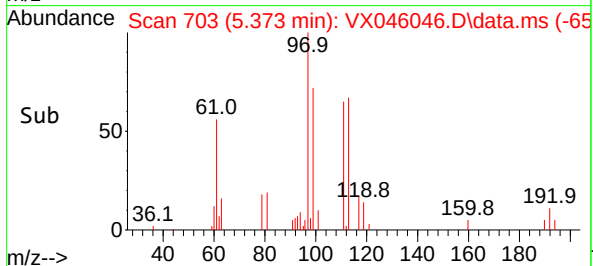
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 596
Ion Ratio Lower Upper
113 100
111 104.4 83.1 124.7
192 17.5 13.3 19.9

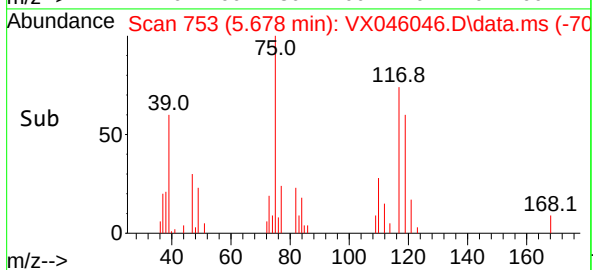
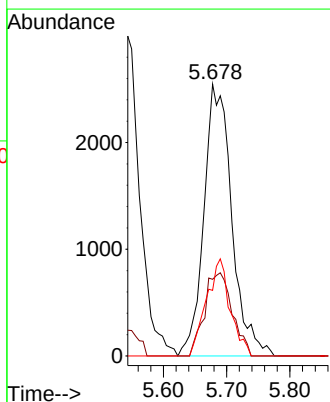
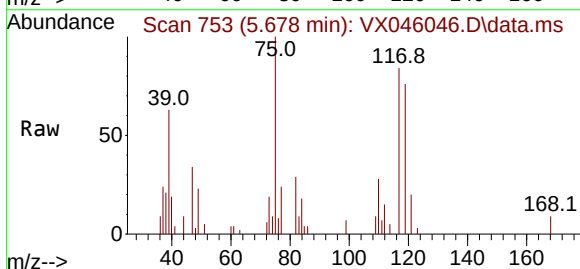
Manual Integrations
APPROVED

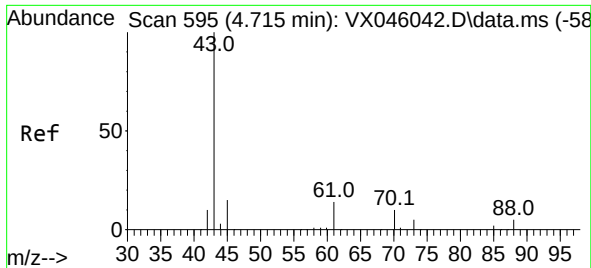
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#36
1,1-Dichloropropene
Concen: 3.551 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 75 Resp: 7787
Ion Ratio Lower Upper
75 100
110 30.6 16.3 48.9
77 30.5 24.3 36.5





#37

Ethyl Acetate

Concen: 3.565 ug/l m

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 9800

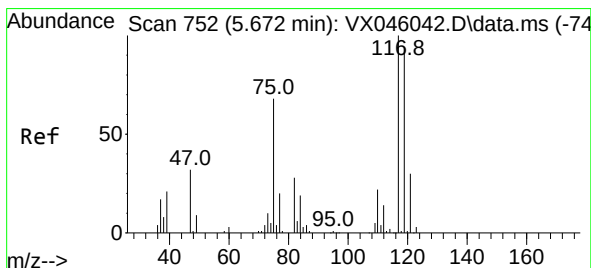
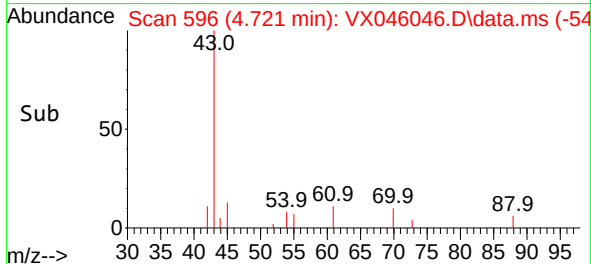
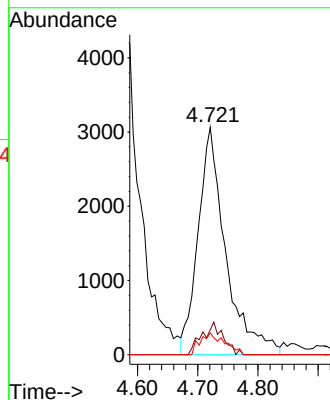
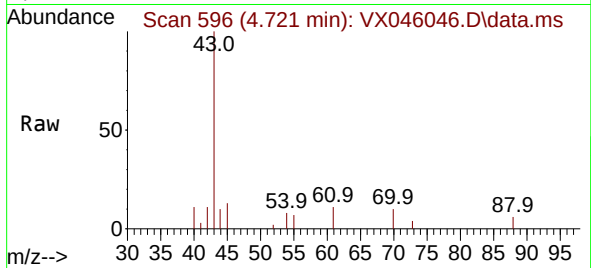
Ion	Ratio	Lower	Upper
43	100		
61	11.0	10.3	15.5
70	8.4	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#38

Carbon Tetrachloride

Concen: 3.376 ug/l

RT: 5.659 min Scan# 750

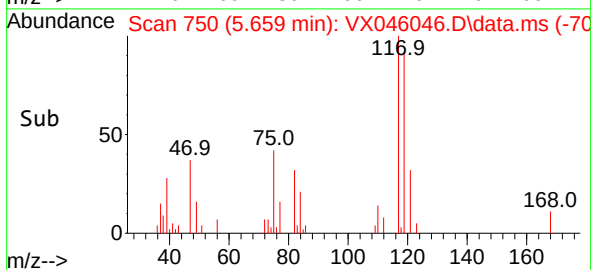
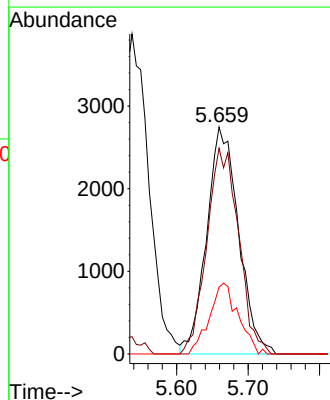
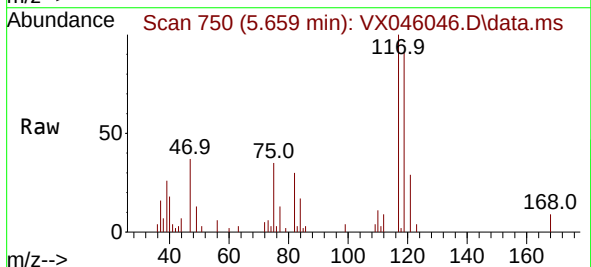
Delta R.T. -0.012 min

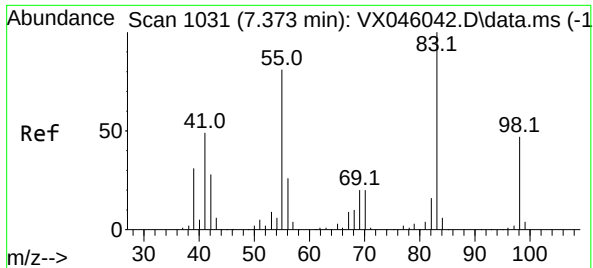
Lab File: VX046046.D

Acq: 05 May 2025 16:04

Tgt Ion: 117 Resp: 8505

Ion	Ratio	Lower	Upper
117	100		
119	90.6	75.2	112.8
121	29.5	24.2	36.4





#39
Methylcyclohexane
Concen: 3.597 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

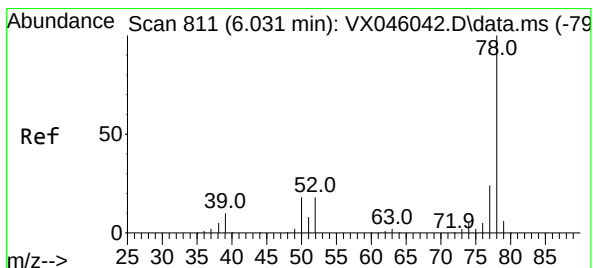
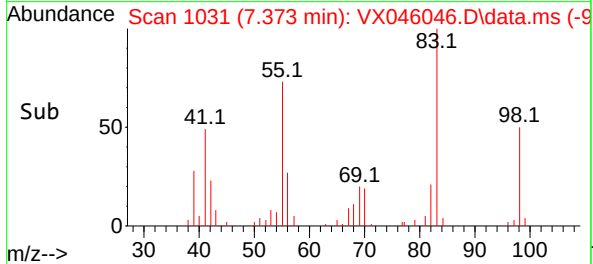
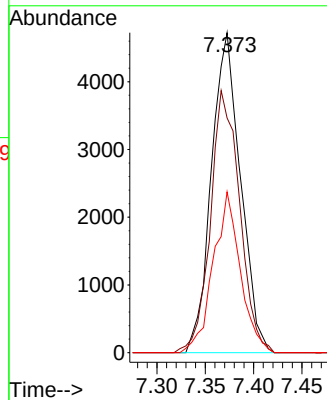
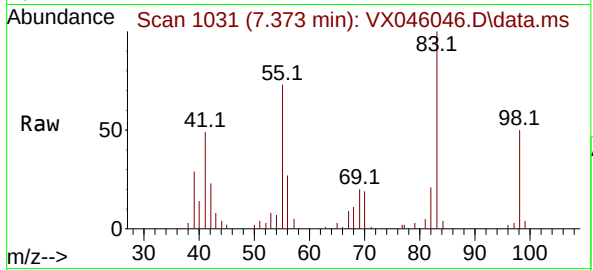
Tgt Ion: 83 Resp: 988
Ion Ratio Lower Upper
83 100
55 73.3 64.7 97.1
98 50.3 37.4 56.2

Manual Integrations

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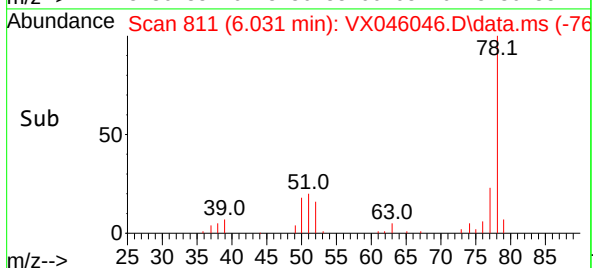
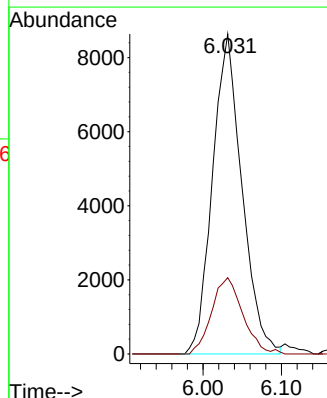
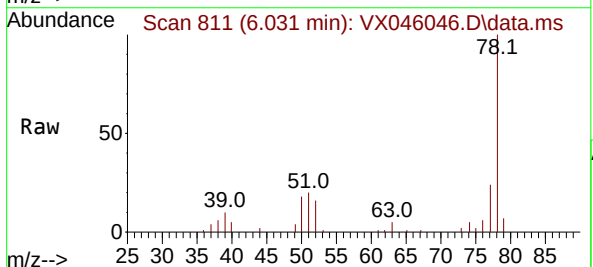
Reviewed By :John Carlone 05/06/2025

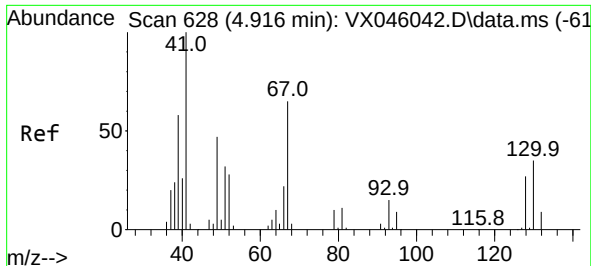
Supervised By :Mahesh Dadoda 05/06/2025



#40
Benzene
Concen: 3.315 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

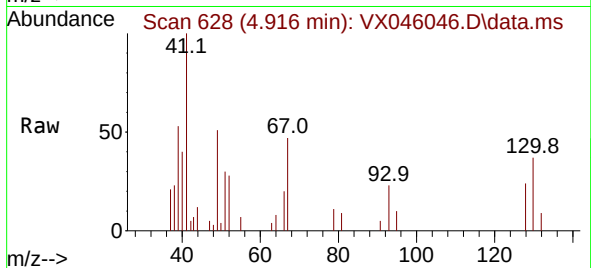
Tgt Ion: 78 Resp: 22528
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 3.174 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

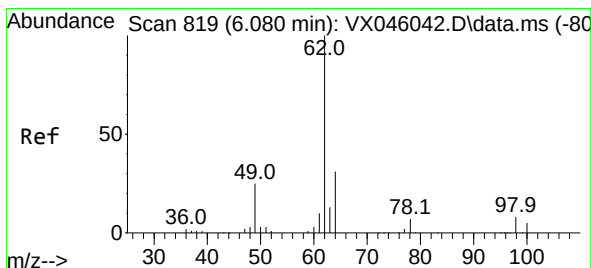
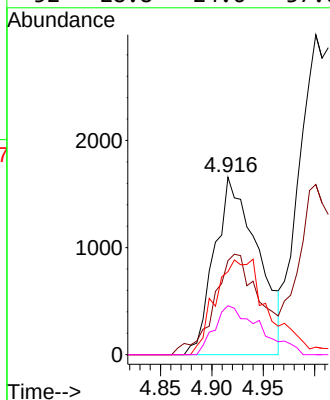
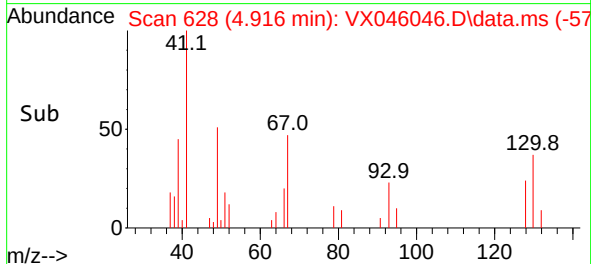
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



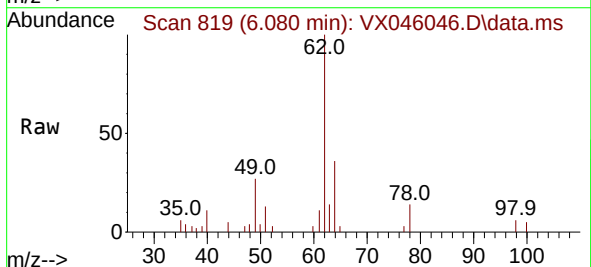
Tgt Ion: 41 Resp: 485
Ion Ratio Lower Upper
41 100
39 59.7 47.2 70.8
67 0.0 50.7 76.1
52 28.8 24.6 37.0

Manual Integrations
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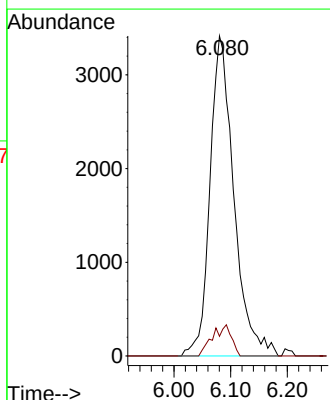
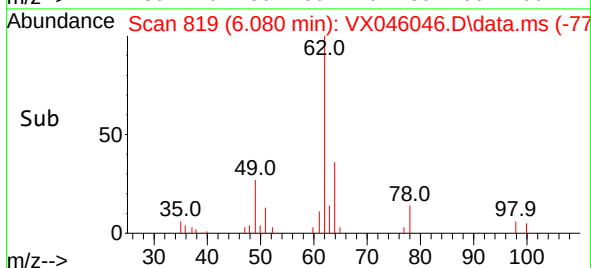
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

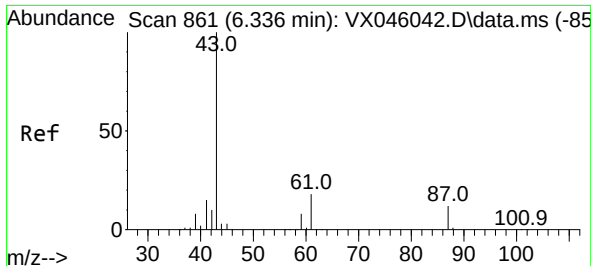


#42
1,2-Dichloroethane
Concen: 3.563 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



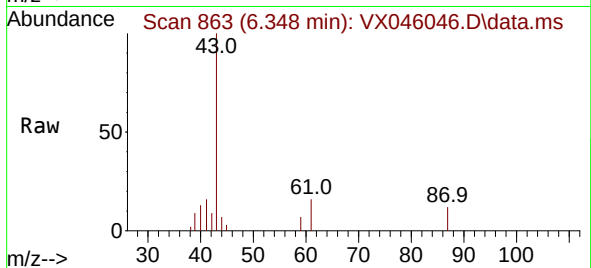
Tgt Ion: 62 Resp: 10011
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.2





#43
Isopropyl Acetate
Concen: 3.309 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

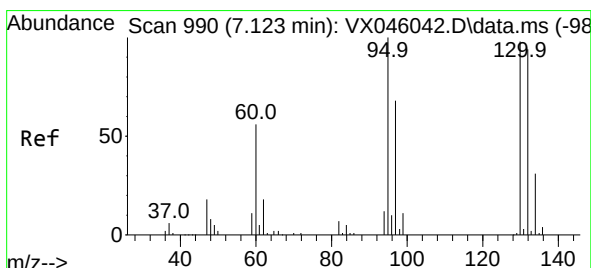
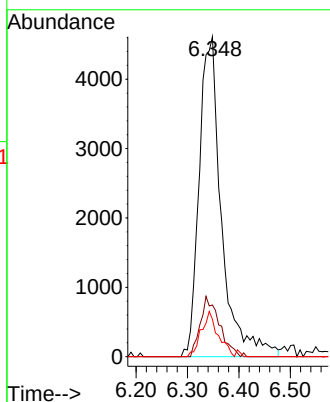
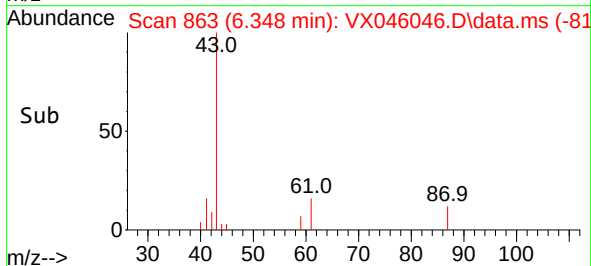
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 13914
Ion Ratio Lower Upper
43 100
61 16.2 14.3 21.5
87 10.6 9.5 14.3

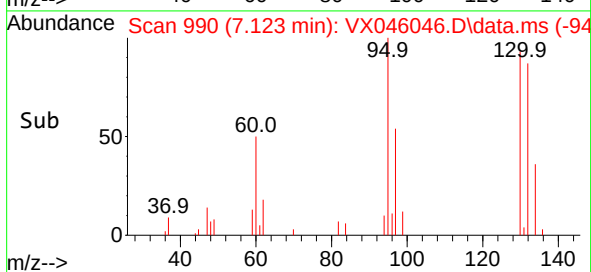
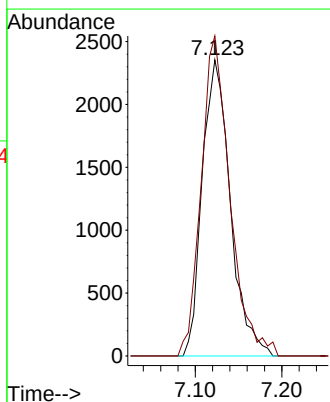
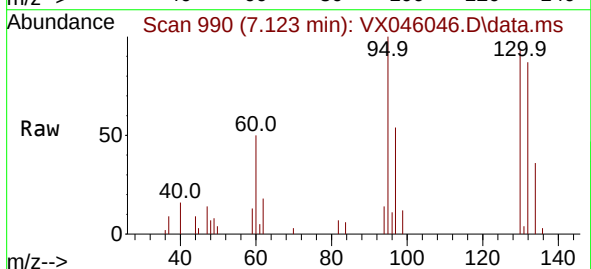
Manual Integrations
APPROVED

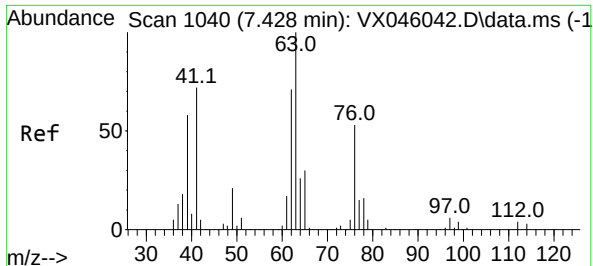
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#44
Trichloroethene
Concen: 3.307 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:130 Resp: 5313
Ion Ratio Lower Upper
130 100
95 108.1 0.0 204.2





#45

1,2-Dichloropropane

Concen: 3.228 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 545

Ion Ratio Lower Upper

63 100

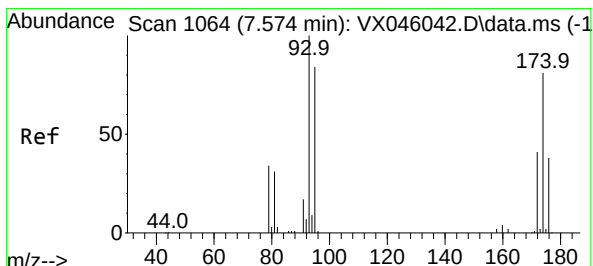
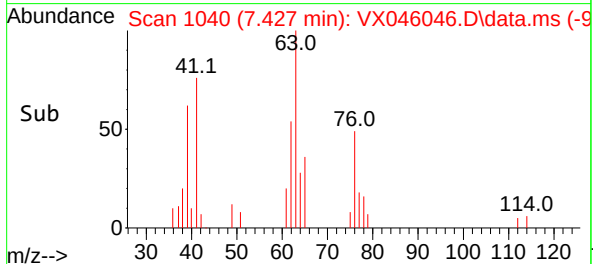
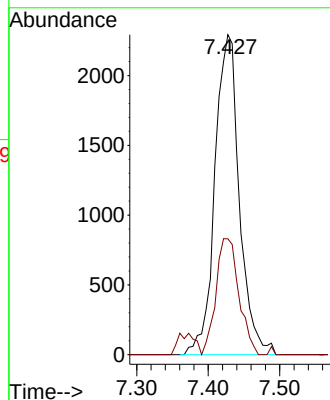
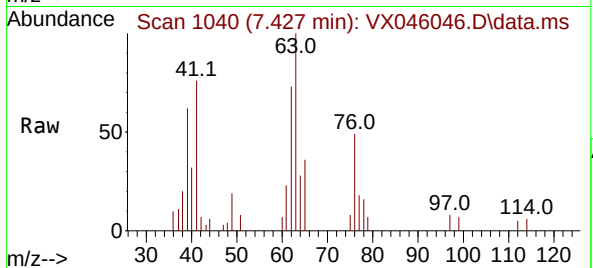
65 36.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#46

Dibromomethane

Concen: 3.318 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

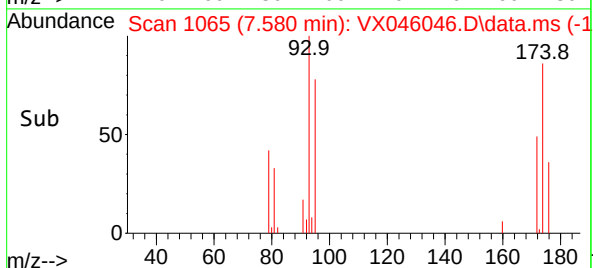
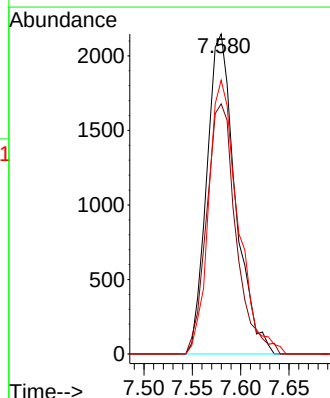
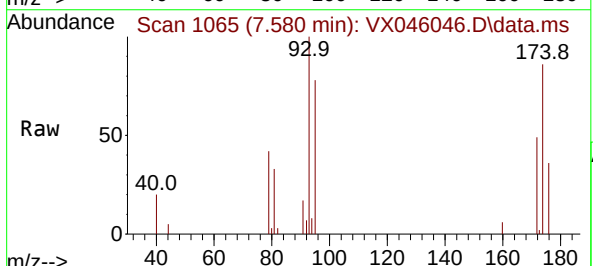
Tgt Ion: 93 Resp: 4417

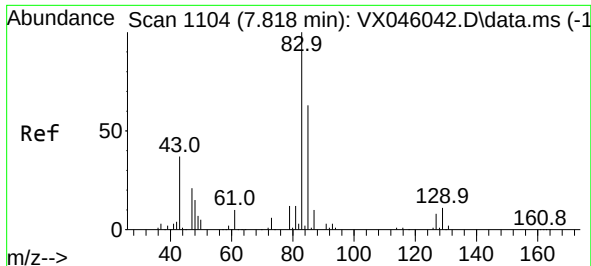
Ion Ratio Lower Upper

93 100

95 80.1 65.6 98.4

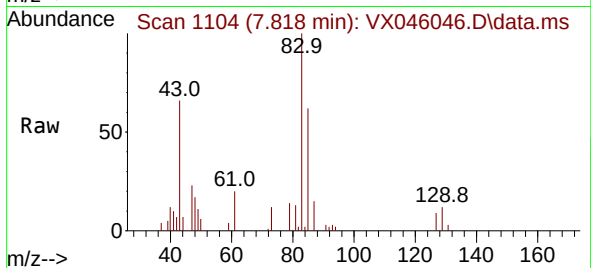
174 87.6 68.2 102.2





#47
Bromodichloromethane
Concen: 3.254 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

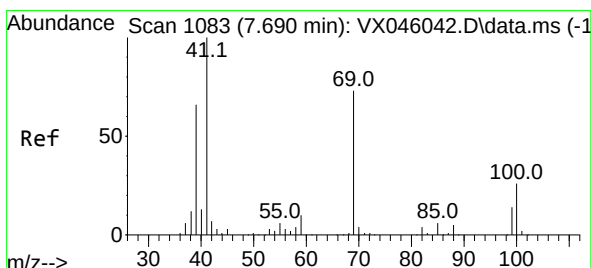
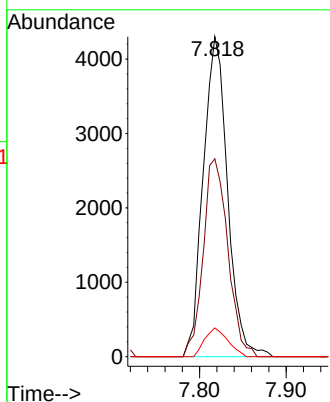
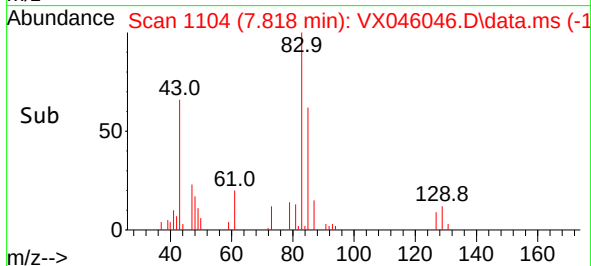
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



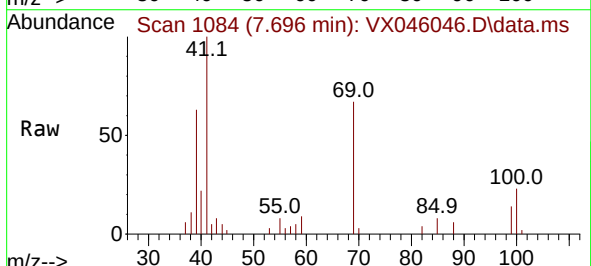
Tgt Ion: 83 Resp: 8394
Ion Ratio Lower Upper
83 100
85 61.9 50.5 75.7
127 9.0 6.5 9.7

Manual Integrations
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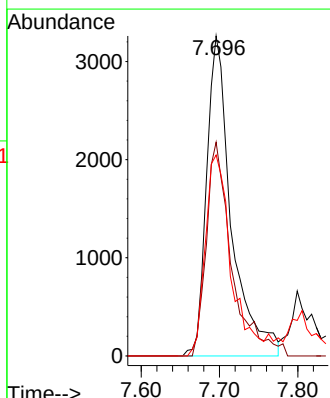
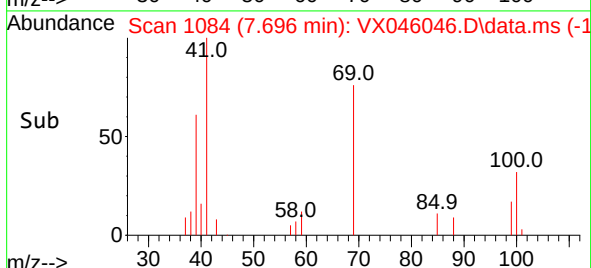
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

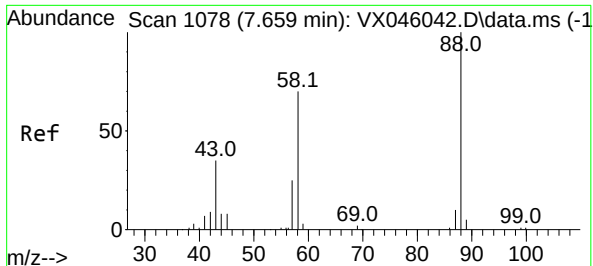


#48
Methyl methacrylate
Concen: 3.321 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion: 41 Resp: 7171
Ion Ratio Lower Upper
41 100
69 68.4 58.5 87.7
39 65.1 51.7 77.5





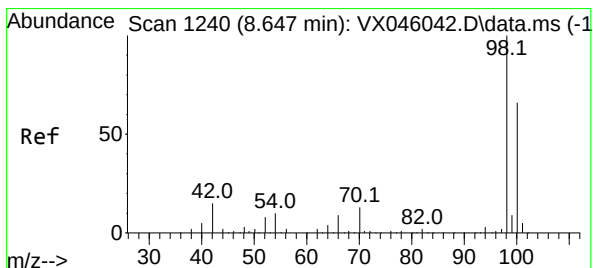
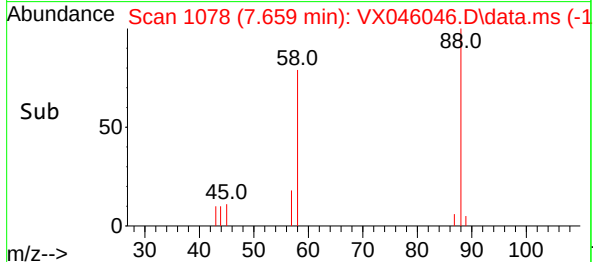
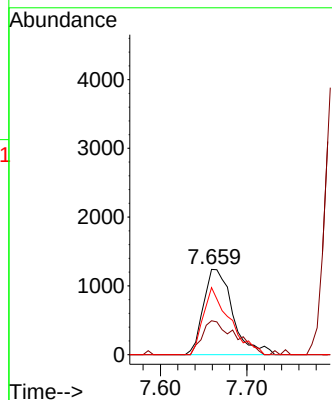
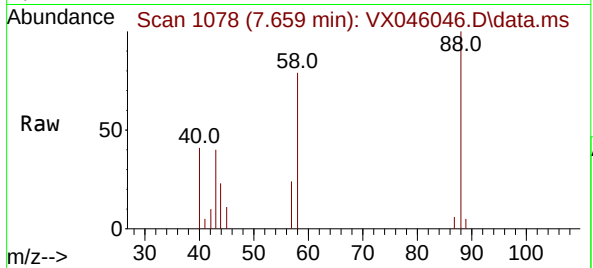
#49
1,4-Dioxane
Concen: 67.721 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 290
Ion Ratio Lower Upper
88 100
43 45.3 33.4 50.2
58 71.0 58.6 88.0

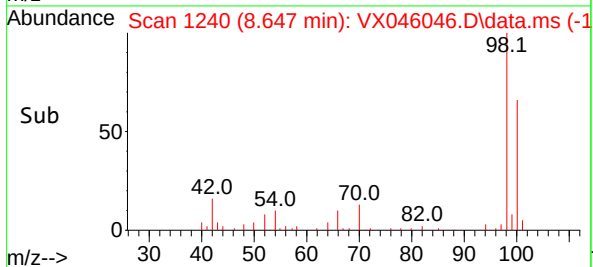
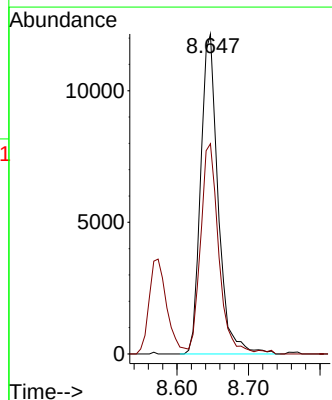
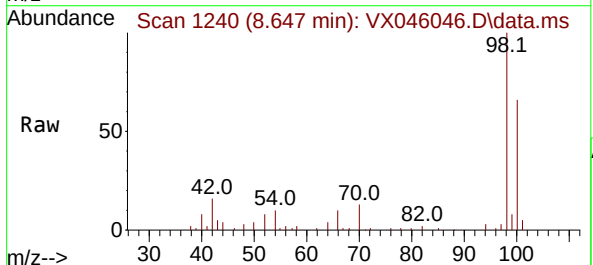
Manual Integrations
APPROVED

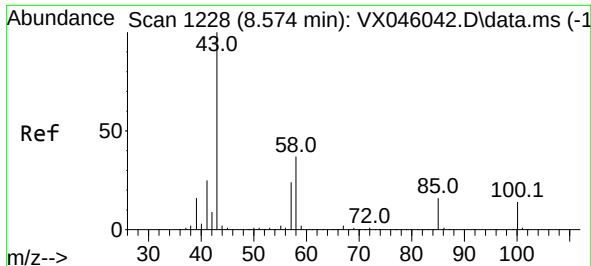
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#50
Toluene-d8
Concen: 3.232 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 98 Resp: 20566
Ion Ratio Lower Upper
98 100
100 66.1 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 16.967 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

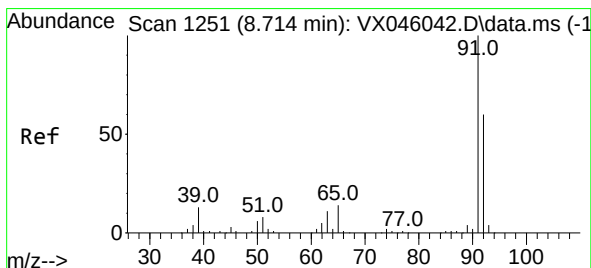
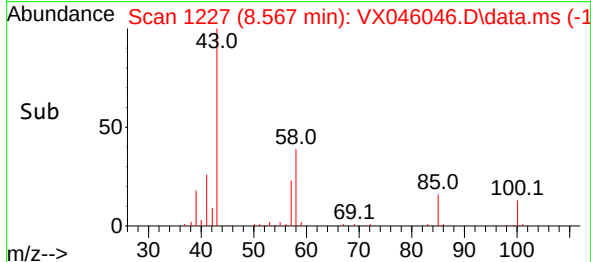
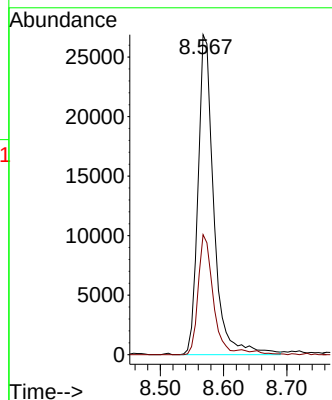
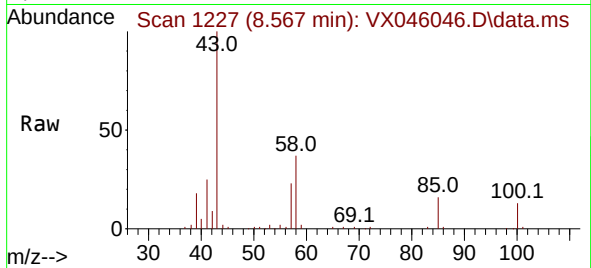
VSTDICC005

Tgt Ion: 43 Resp: 46794
Ion Ratio Lower Upper
43 100
58 34.8 28.9 43.3

Manual Integrations

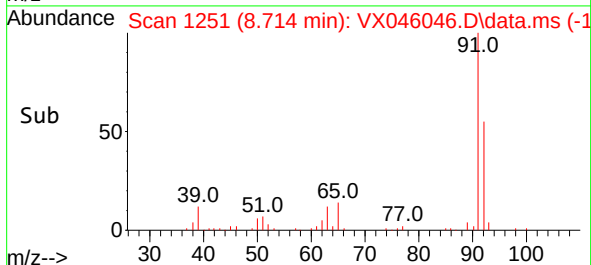
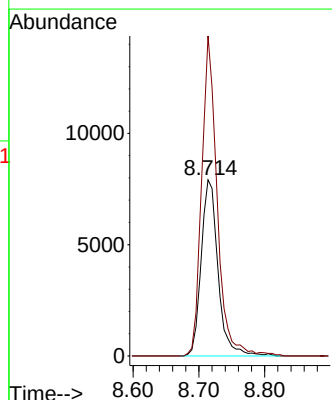
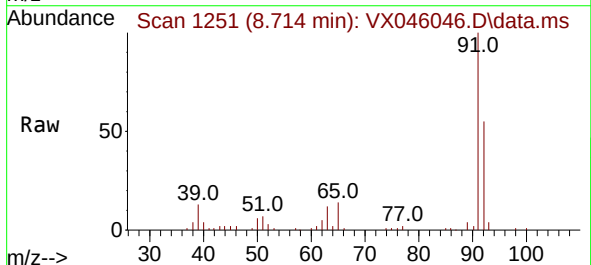
APPROVED

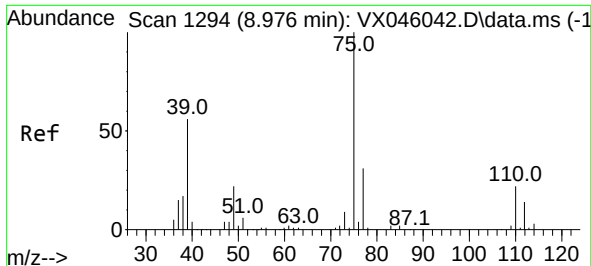
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#52
Toluene
Concen: 3.505 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 92 Resp: 14126
Ion Ratio Lower Upper
92 100
91 167.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 3.155 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 6834

Ion Ratio Lower Upper

75 100

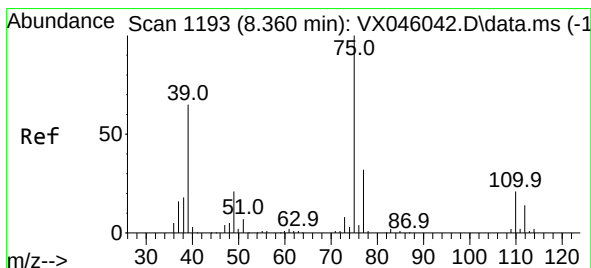
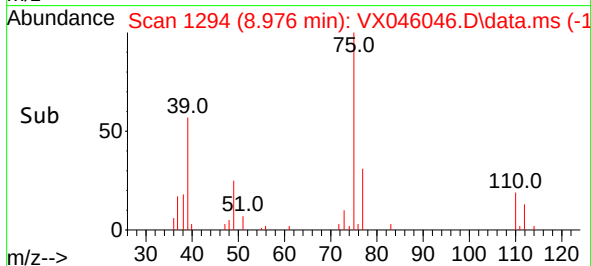
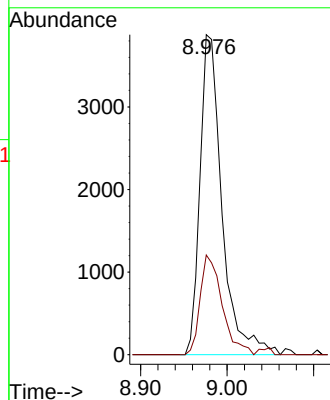
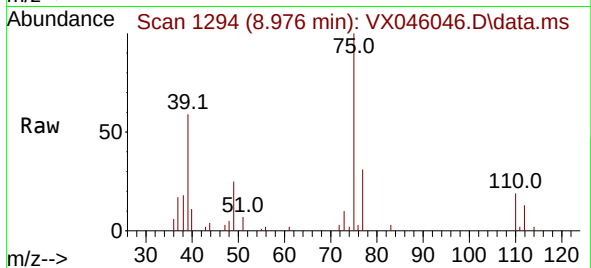
77 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#54

cis-1,3-Dichloropropene

Concen: 3.129 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

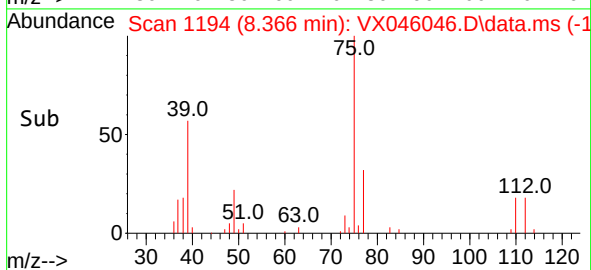
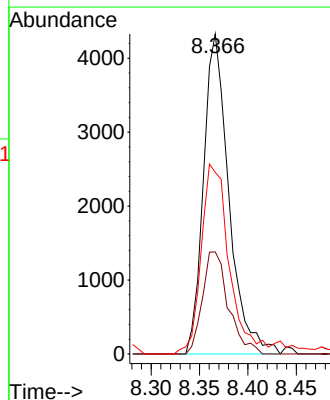
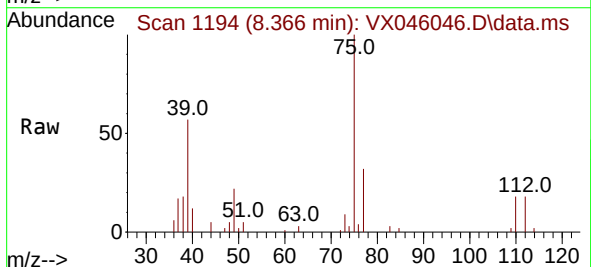
Tgt Ion: 75 Resp: 7908

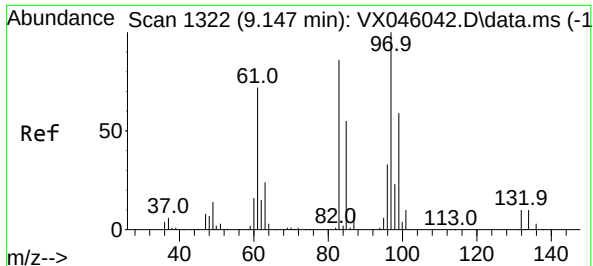
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 55.3 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 3.490 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

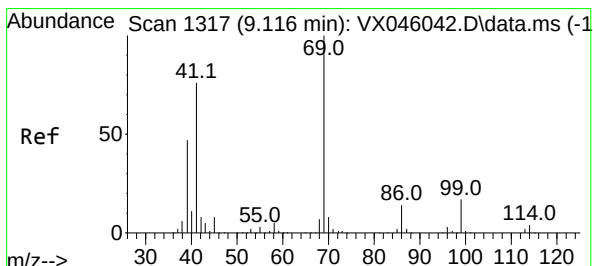
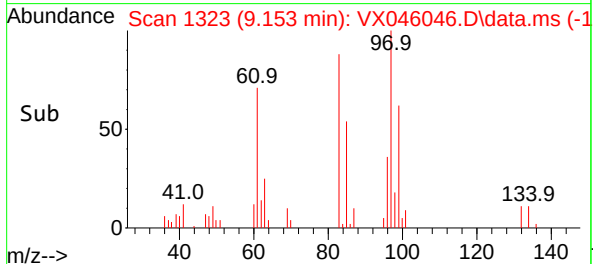
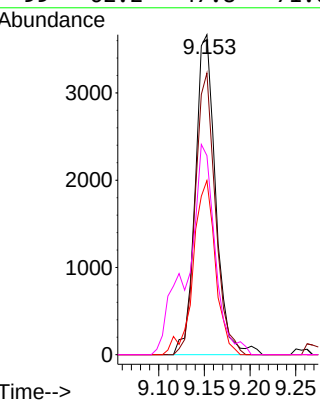
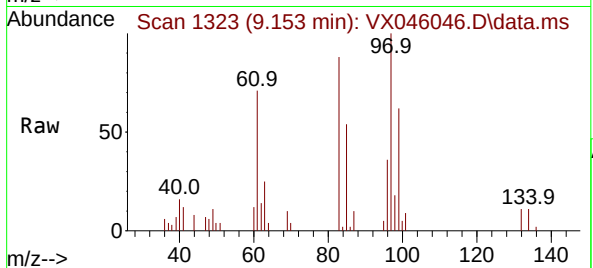
Tgt Ion: 97 Resp: 568
Ion Ratio Lower Upper
97 100
83 88.0 69.0 103.6
85 54.4 44.3 66.5
99 62.2 47.8 71.6

Manual Integrations

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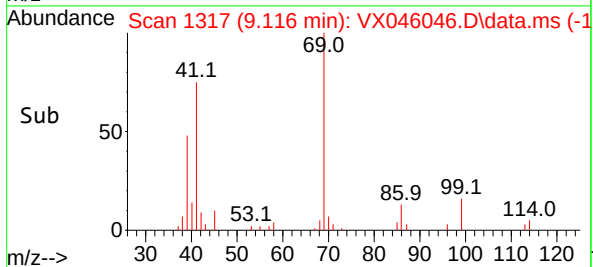
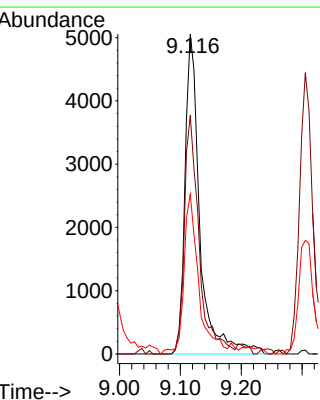
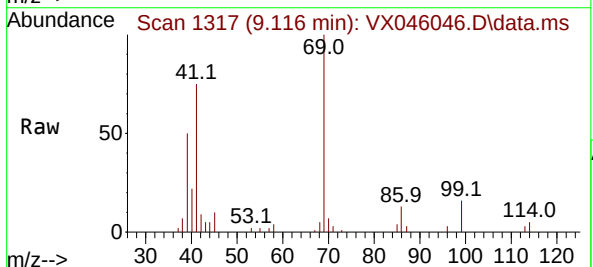
Reviewed By :John Carlone 05/06/2025

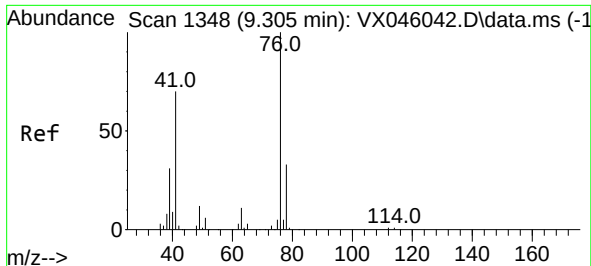
Supervised By :Mahesh Dadoda 05/06/2025



#56
Ethyl methacrylate
Concen: 3.390 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 69 Resp: 8555
Ion Ratio Lower Upper
69 100
41 73.7 60.8 91.2
39 49.3 39.0 58.6





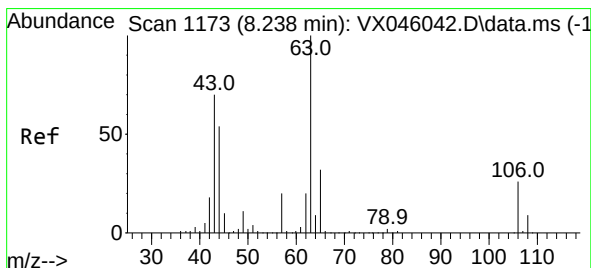
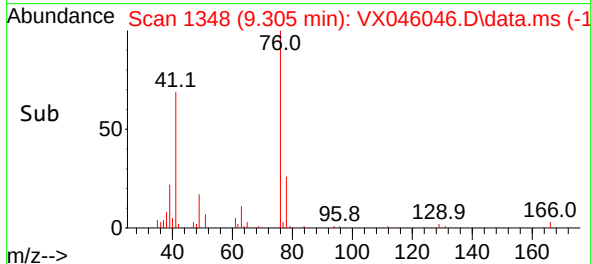
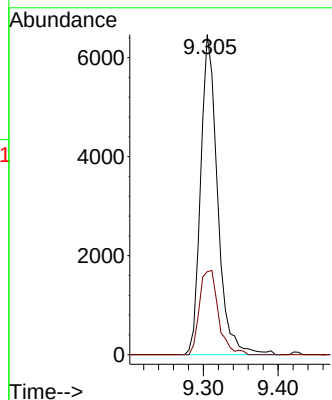
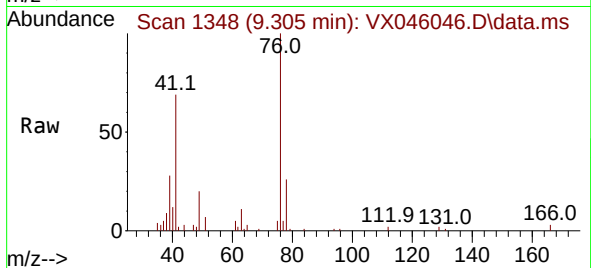
#57
1,3-Dichloropropane
Concen: 3.508 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 1012
Ion Ratio Lower Upper
76 100
78 29.5 26.3 39.5

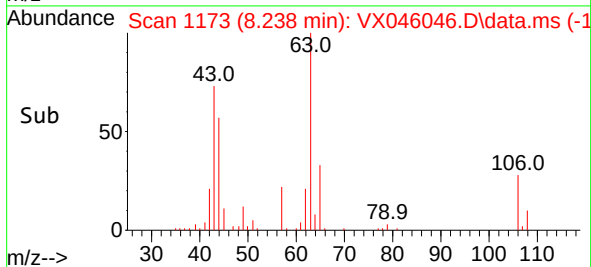
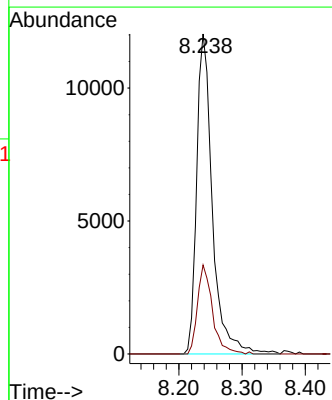
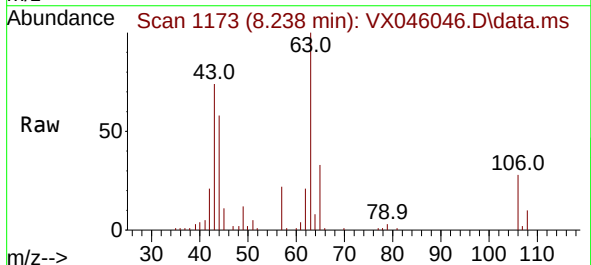
Manual Integrations
APPROVED

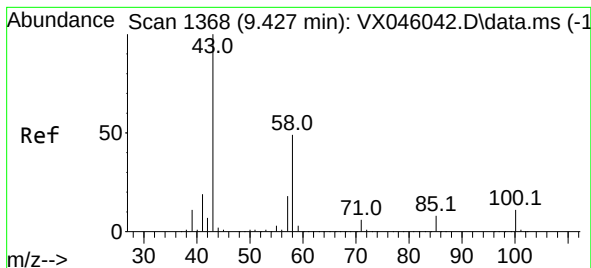
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#58
2-Chloroethyl Vinyl ether
Concen: 18.346 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 63 Resp: 20809
Ion Ratio Lower Upper
63 100
106 26.4 21.5 32.3





#59

2-Hexanone

Concen: 16.651 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 3485

Ion Ratio Lower Upper

43 100

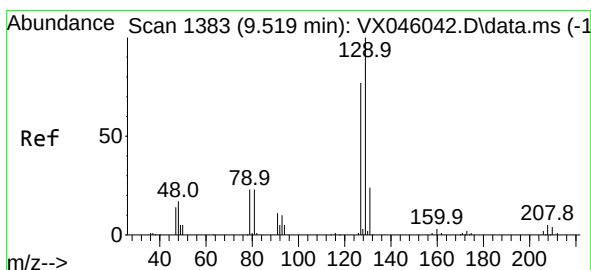
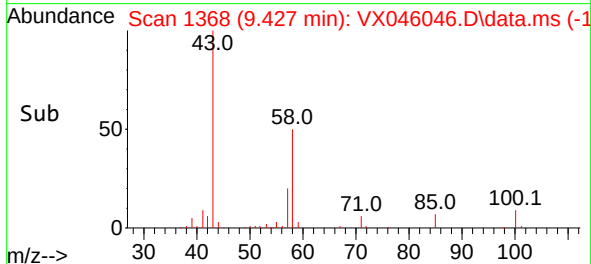
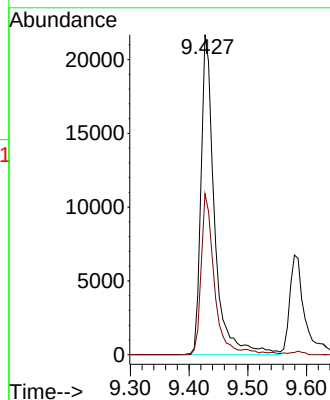
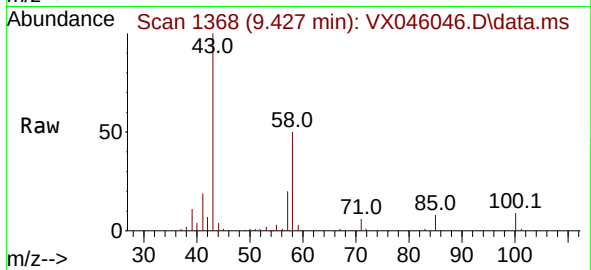
58 47.5 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#60

Dibromochloromethane

Concen: 3.102 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX046046.D

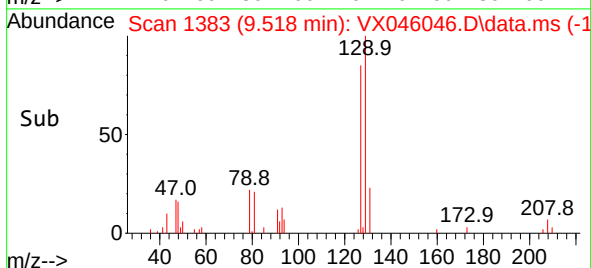
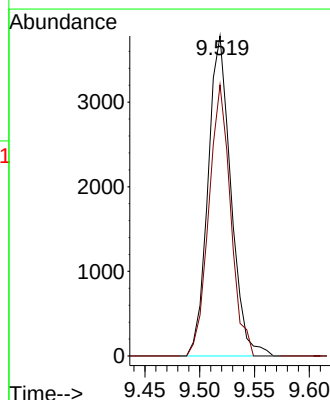
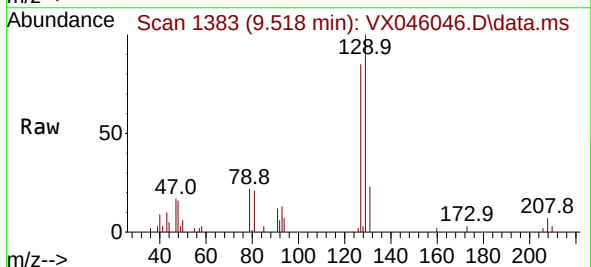
Acq: 05 May 2025 16:04

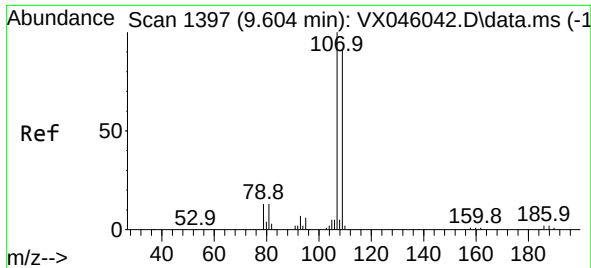
Tgt Ion:129 Resp: 5500

Ion Ratio Lower Upper

129 100

127 80.4 39.3 117.8





#61
1,2-Dibromoethane
Concen: 3.356 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

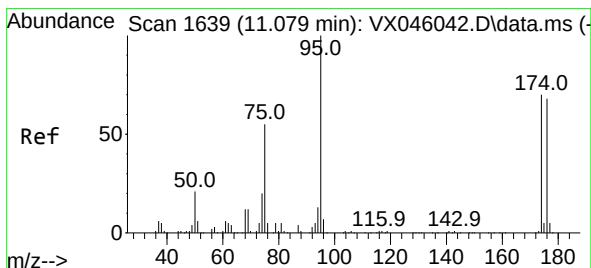
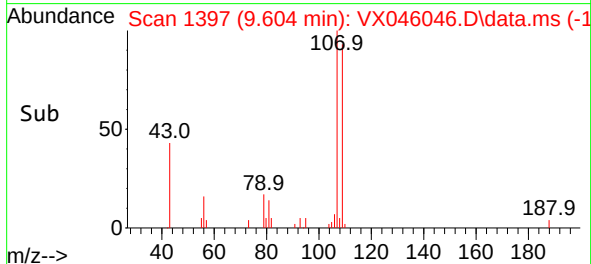
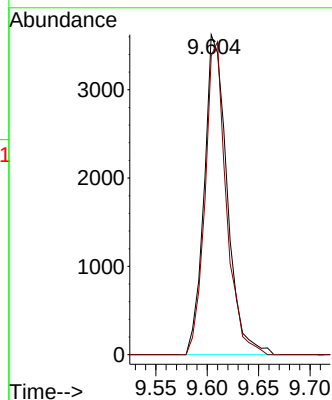
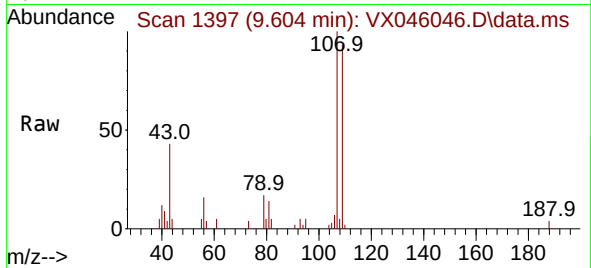
Tgt Ion:107 Resp: 5614
Ion Ratio Lower Upper
107 100
109 91.0 73.3 109.9

Manual Integrations

APPROVED

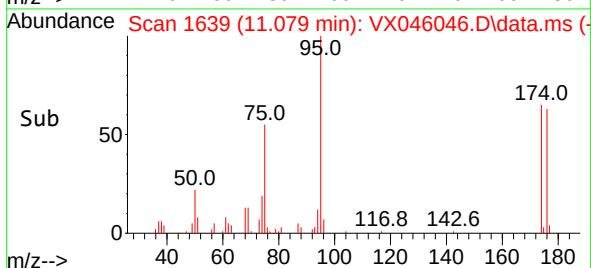
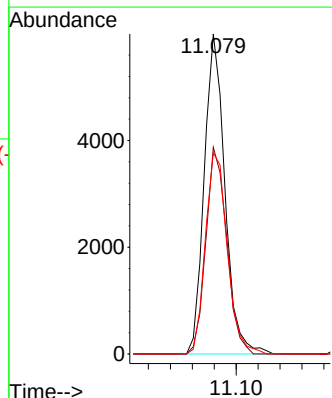
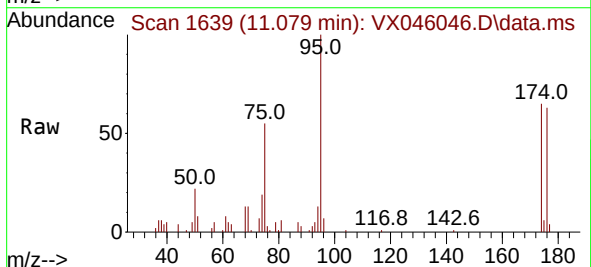
Reviewed By :John Carlone 05/06/2025

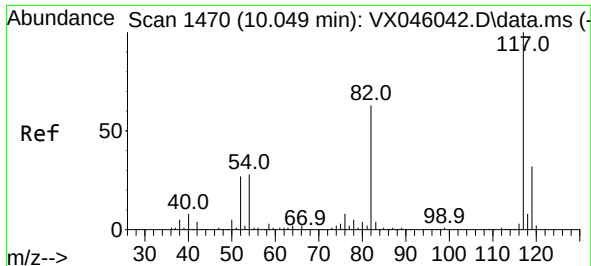
Supervised By :Mahesh Dadoda 05/06/2025



#62
4-Bromofluorobenzene
Concen: 3.378 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

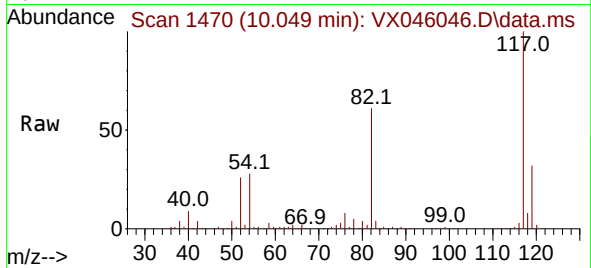
Tgt Ion: 95 Resp: 7822
Ion Ratio Lower Upper
95 100
174 65.0 0.0 135.8
176 66.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

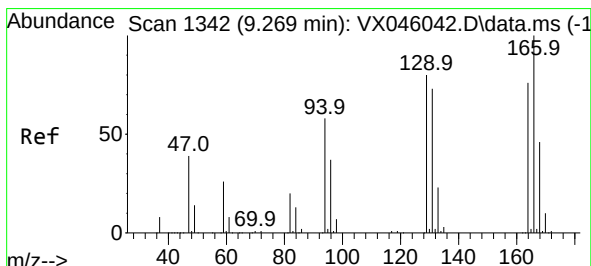
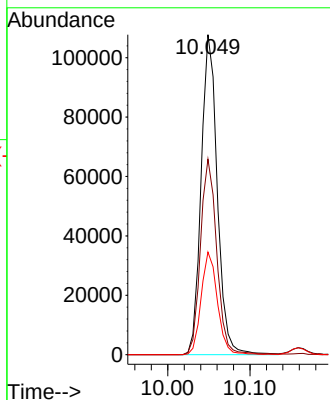
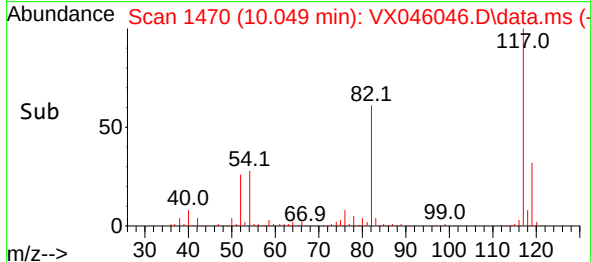
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 14716
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 32.1 25.8 38.6

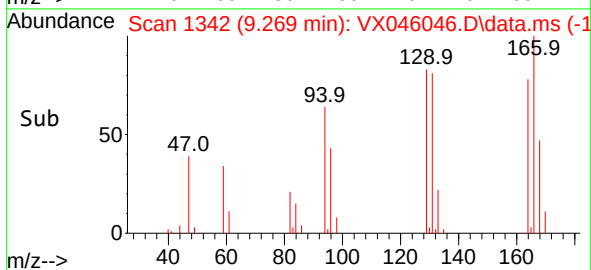
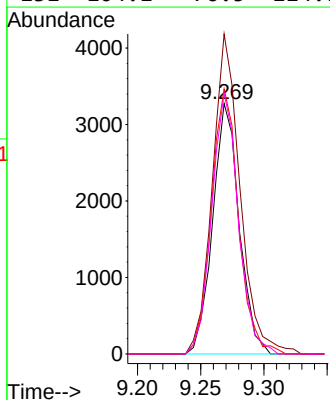
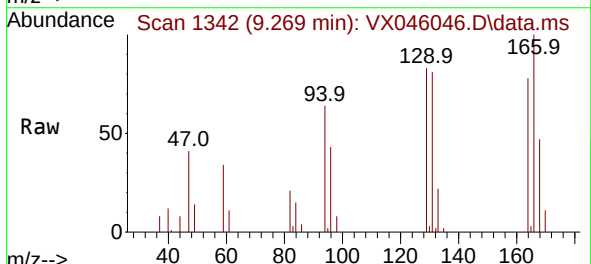
Manual Integrations
APPROVED

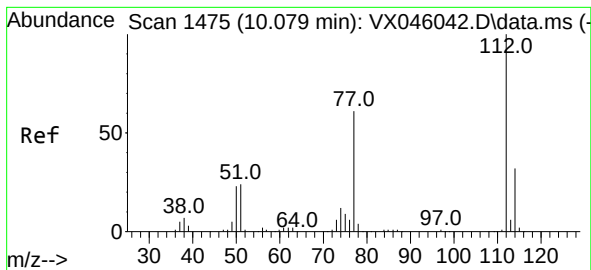
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#64
Tetrachloroethene
Concen: 3.162 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:164 Resp: 4752
Ion Ratio Lower Upper
164 100
166 127.8 105.0 157.6
129 105.8 83.5 125.3
131 104.1 76.5 114.7





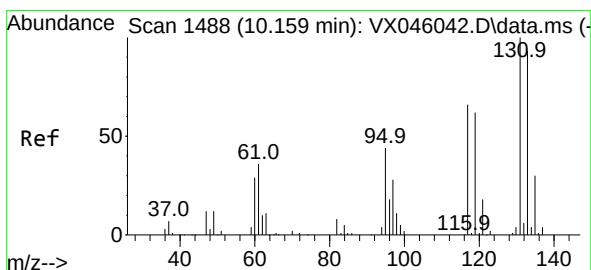
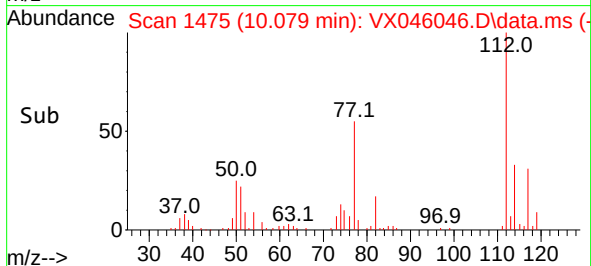
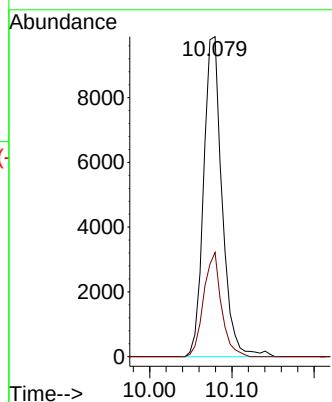
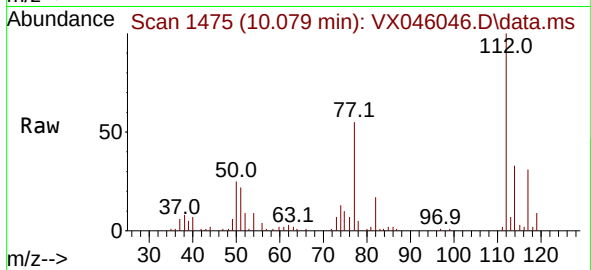
#65
Chlorobenzene
Concen: 3.399 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 1539
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

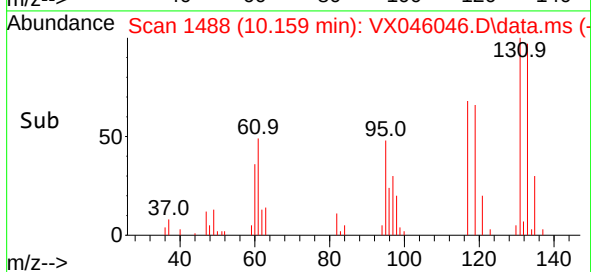
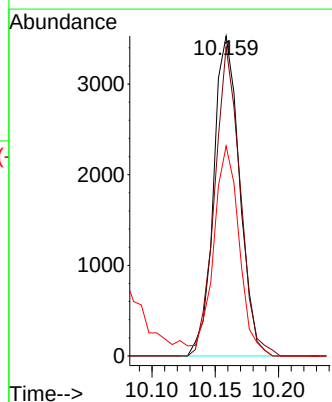
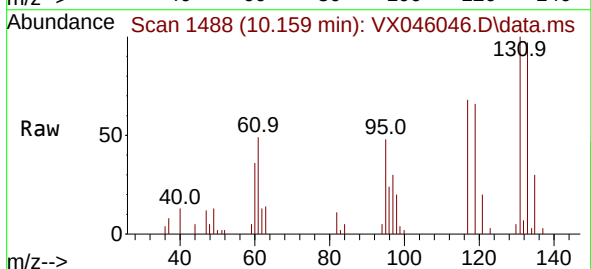
Manual Integrations
APPROVED

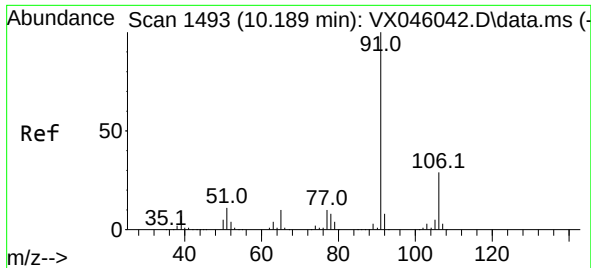
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 3.326 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:131 Resp: 5024
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.9
119 64.8 31.6 95.0





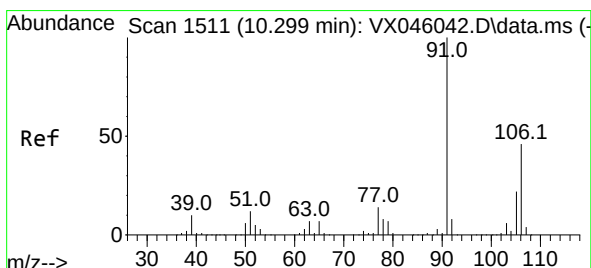
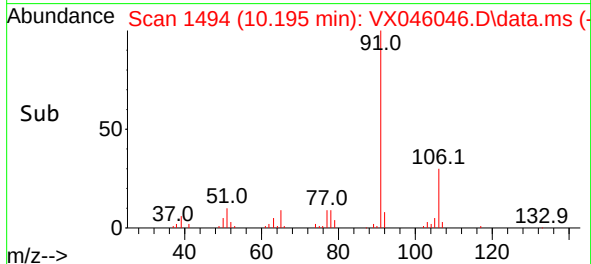
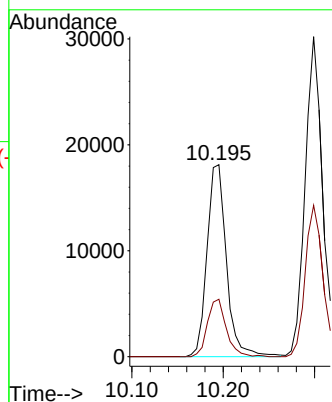
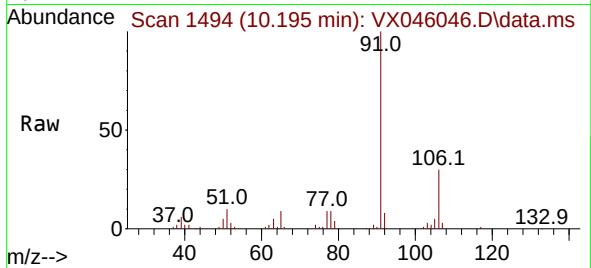
#67
Ethyl Benzene
Concen: 3.463 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 26732
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.2

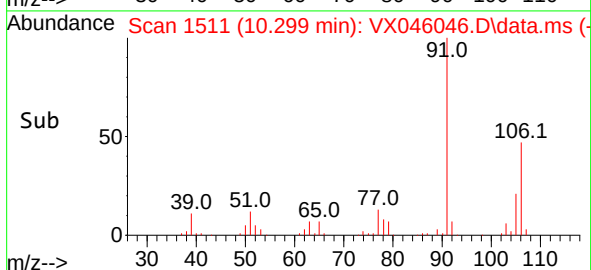
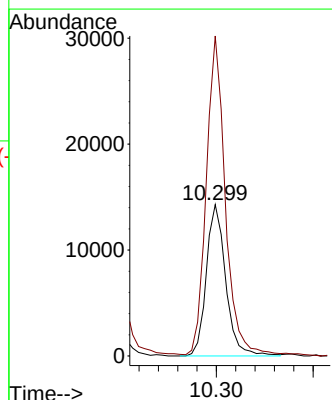
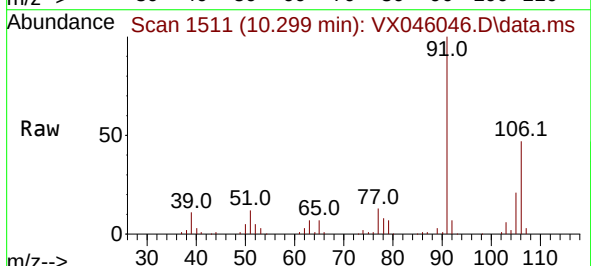
Manual Integrations
APPROVED

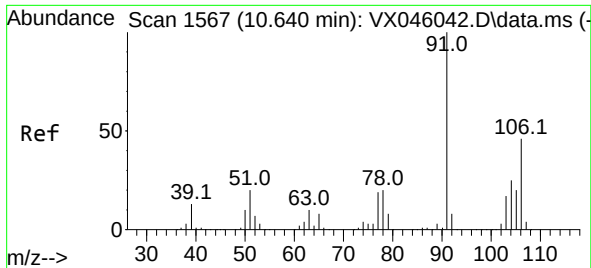
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#68
m/p-Xylenes
Concen: 7.156 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:106 Resp: 19957
Ion Ratio Lower Upper
106 100
91 210.1 171.2 256.8





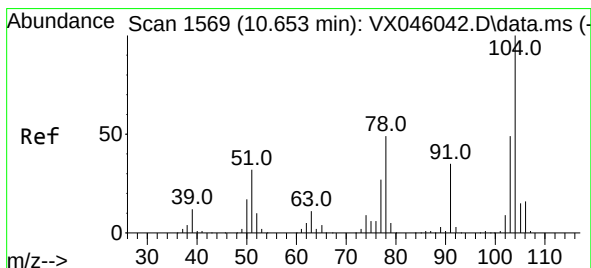
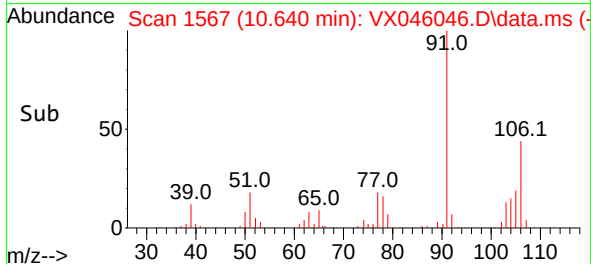
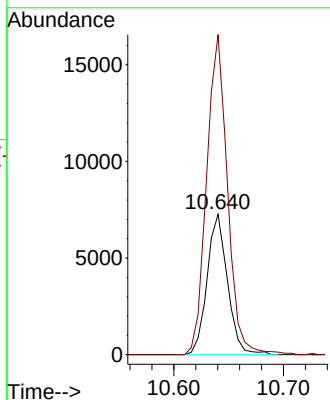
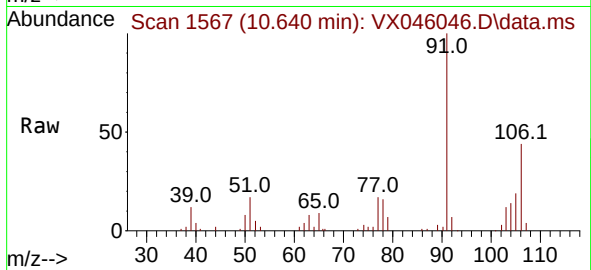
#69
o-Xylene
Concen: 3.343 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 9398
Ion Ratio Lower Upper
106 100
91 233.6 112.7 338.1

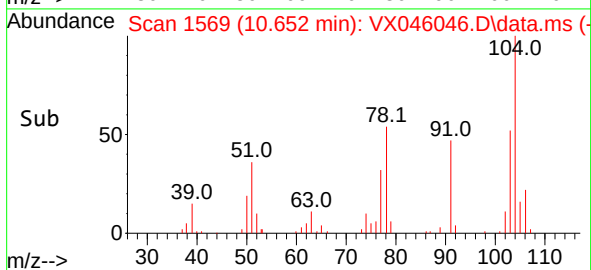
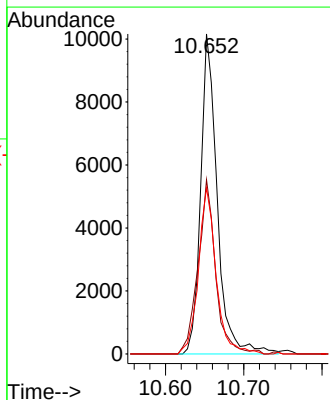
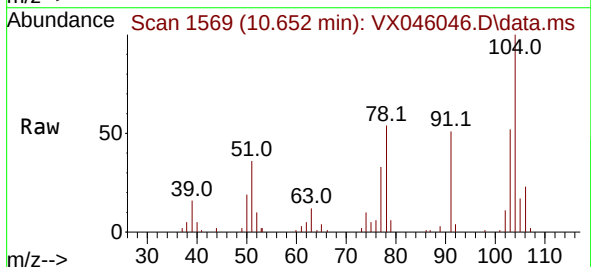
Manual Integrations
APPROVED

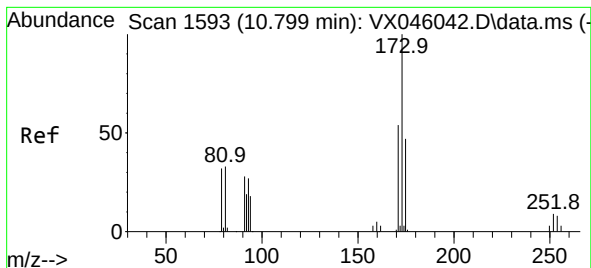
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#70
Styrene
Concen: 3.312 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion:104 Resp: 14900
Ion Ratio Lower Upper
104 100
78 57.9 45.7 68.5
103 55.6 43.7 65.5





#71

Bromoform

Concen: 3.059 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046046.D

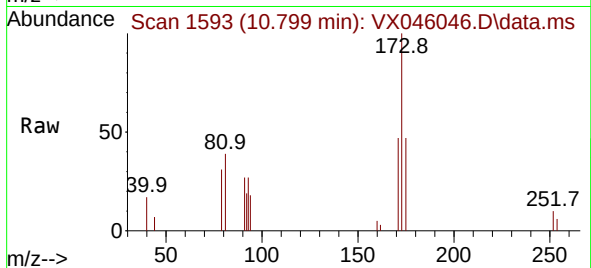
Acq: 05 May 2025 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



Tgt Ion:173 Resp: 3470

Ion Ratio Lower Upper

173 100

175 45.8 23.4 70.0

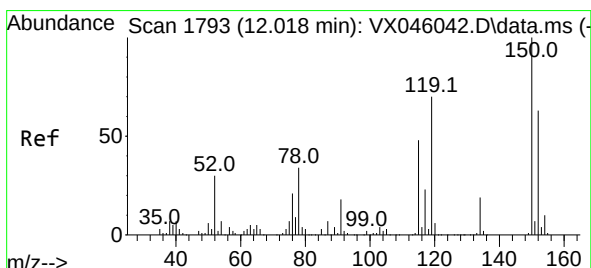
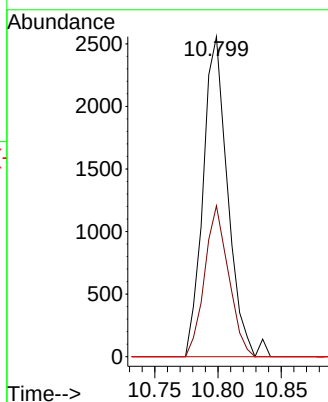
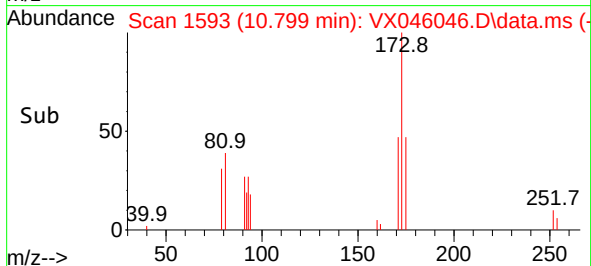
254 0.0 0.0 0.0

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: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046046.D

Acq: 05 May 2025 16:04

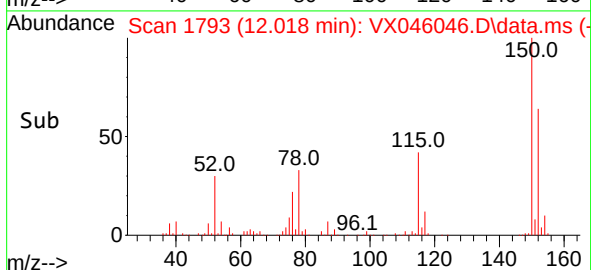
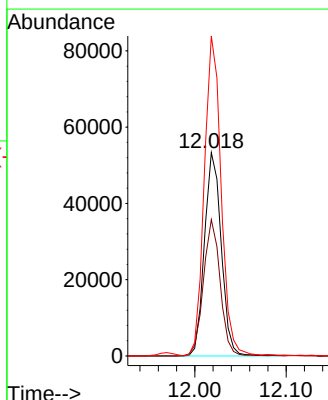
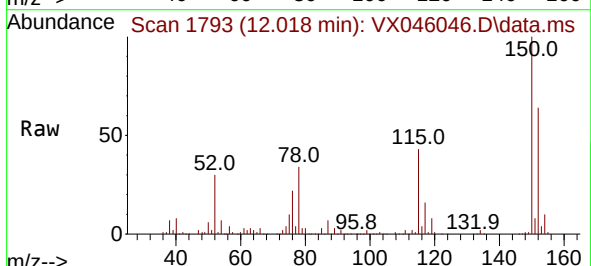
Tgt Ion:152 Resp: 67939

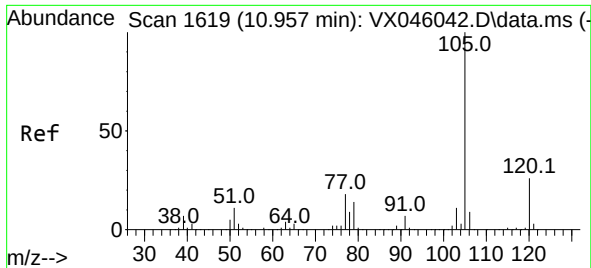
Ion Ratio Lower Upper

152 100

115 66.8 46.9 140.7

150 157.5 0.0 351.0





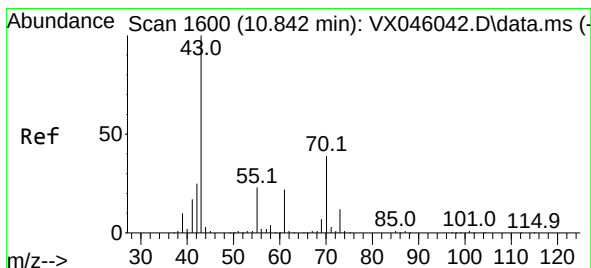
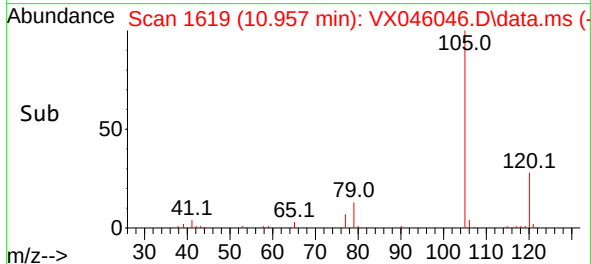
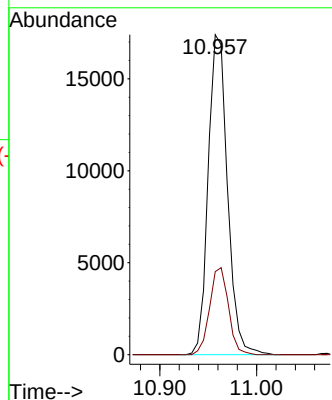
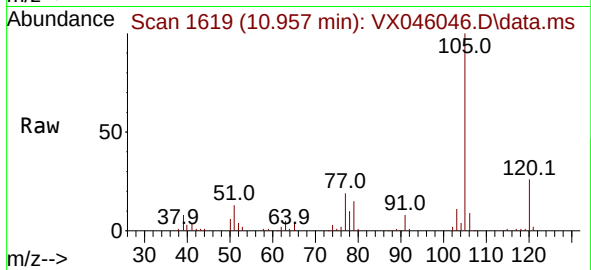
#73
Isopropylbenzene
Concen: 3.266 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 105 Resp: 2420
Ion Ratio Lower Upper
105 100
120 26.4 12.8 38.4

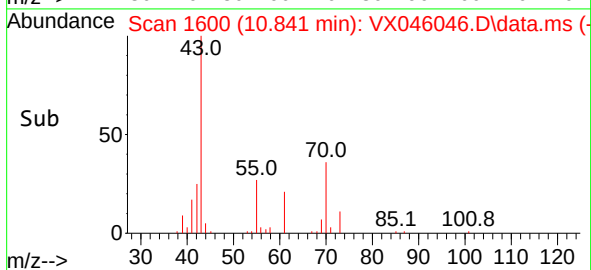
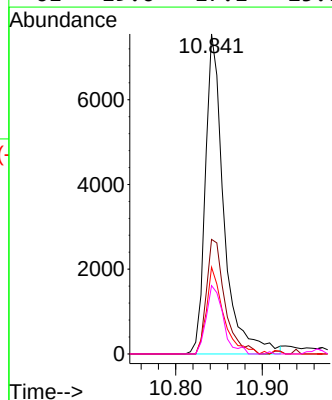
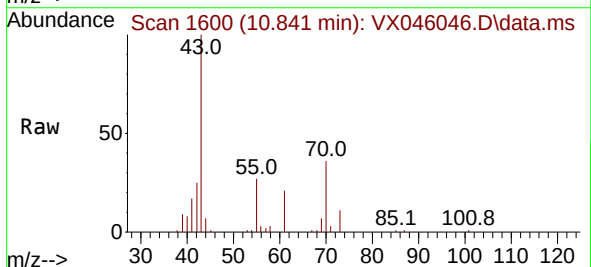
Manual Integrations
APPROVED

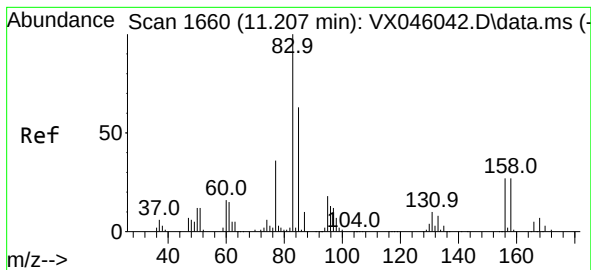
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#74
N-ethyl acetate
Concen: 3.038 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Tgt Ion: 43 Resp: 11224
Ion Ratio Lower Upper
43 100
70 35.4 30.9 46.3
55 25.0 18.7 28.1
61 19.6 17.1 25.7





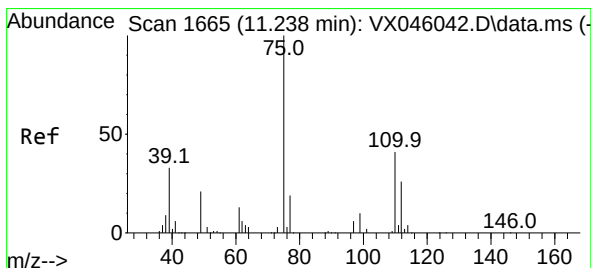
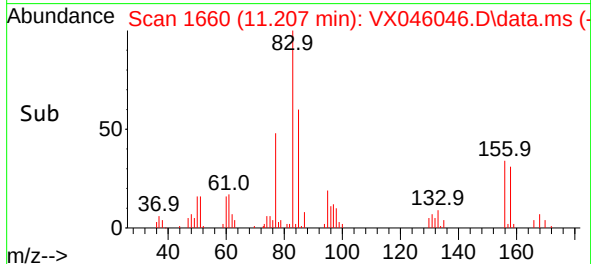
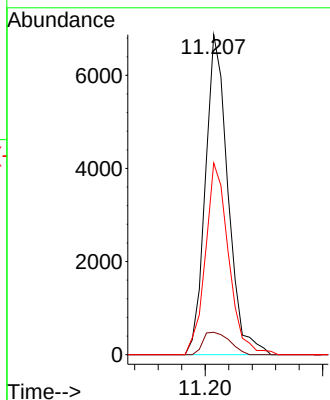
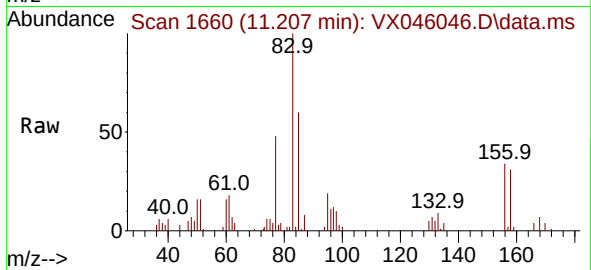
#75
1,1,2,2-Tetrachloroethane
Concen: 3.479 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 9170
Ion Ratio Lower Upper
83 100
131 8.3 5.0 14.9
85 61.7 31.9 95.7

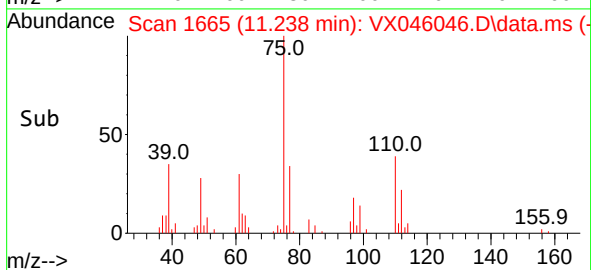
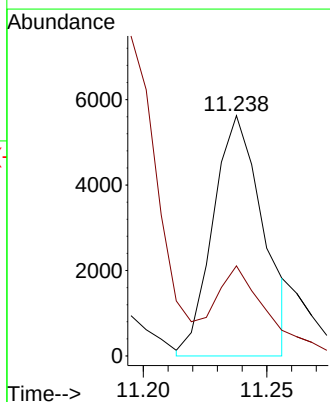
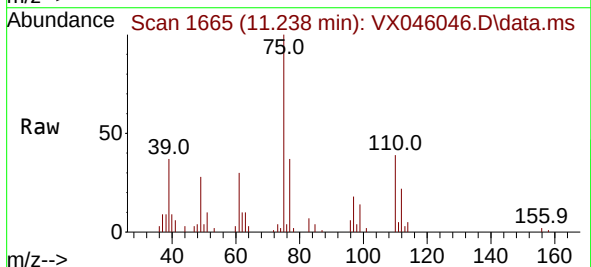
Manual Integrations
APPROVED

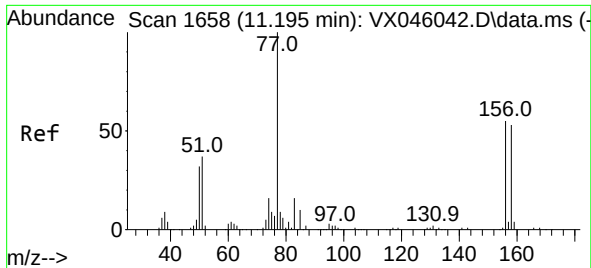
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#76
1,2,3-Trichloropropane
Concen: 2.799 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

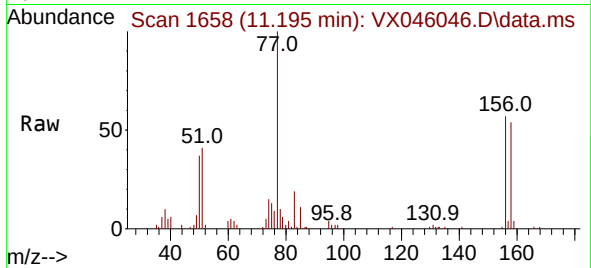
Tgt Ion: 75 Resp: 7928
Ion Ratio Lower Upper
75 100
77 40.6 20.5 61.5





#77
Bromobenzene
Concen: 3.417 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

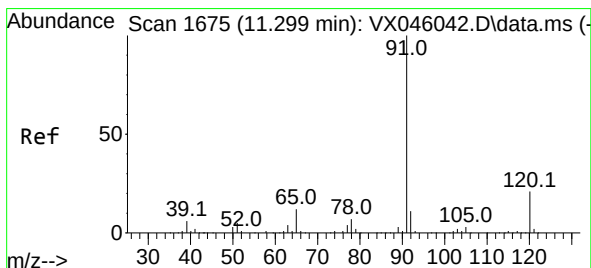
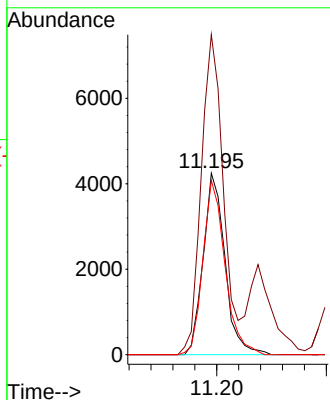
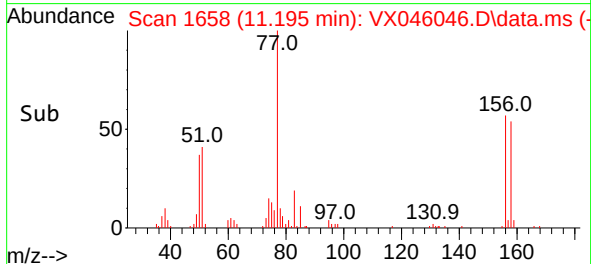
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



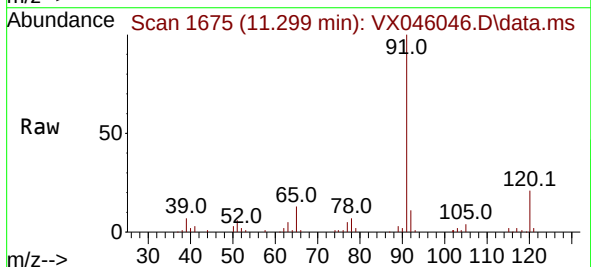
Tgt Ion:156 Resp: 585
Ion Ratio Lower Upper
156 100
77 177.0 92.8 278.3
158 97.7 48.8 146.3

Manual Integrations
APPROVED

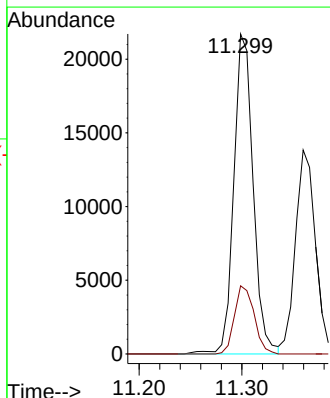
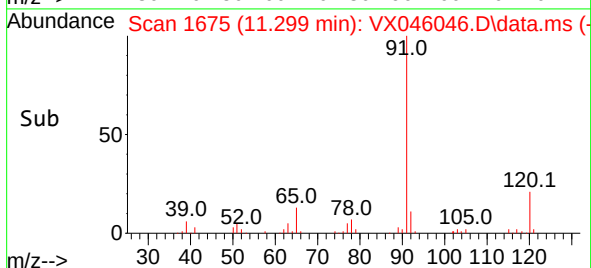
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

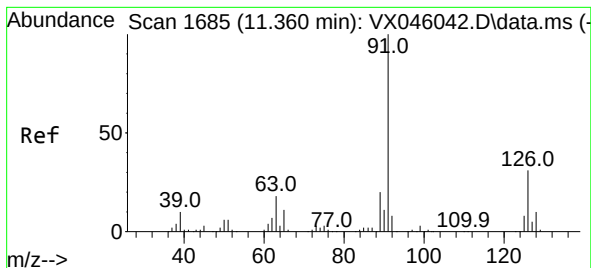


#78
n-propylbenzene
Concen: 3.424 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion: 91 Resp: 28436
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





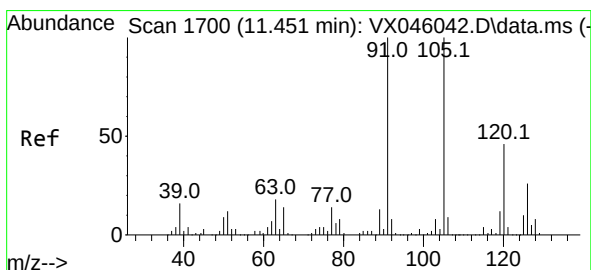
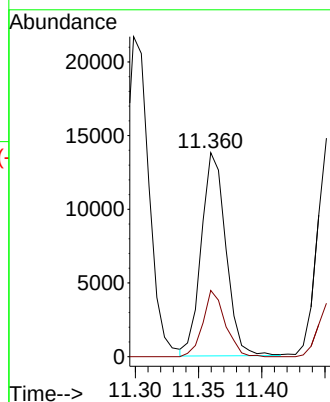
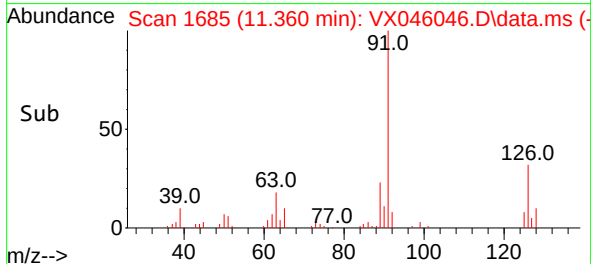
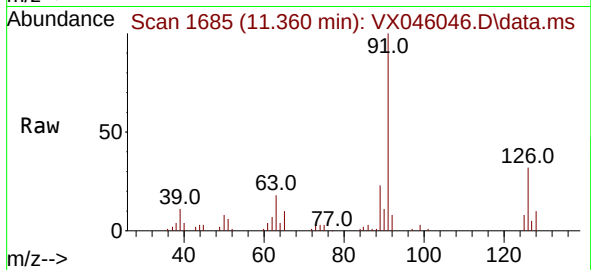
#79
2-Chlorotoluene
Concen: 3.336 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 18672
Ion Ratio Lower Upper
91 100
126 29.7 15.6 46.7

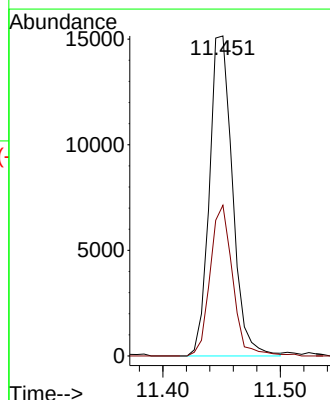
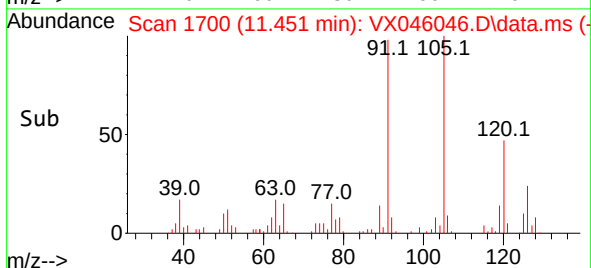
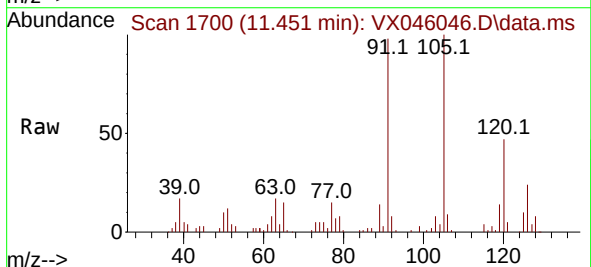
Manual Integrations
APPROVED

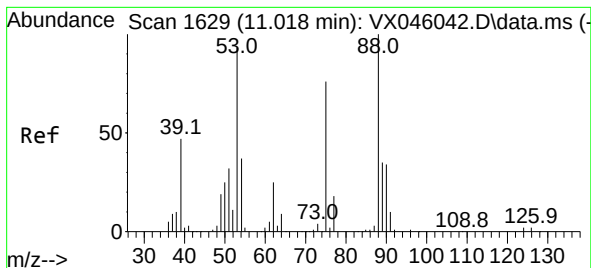
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 3.372 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

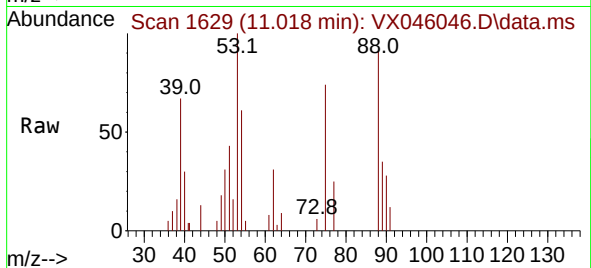
Tgt Ion:105 Resp: 20742
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.686 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

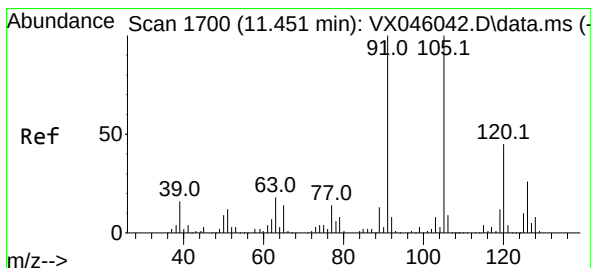
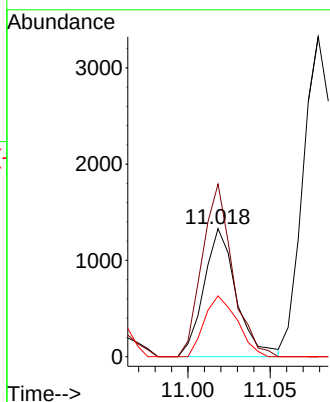
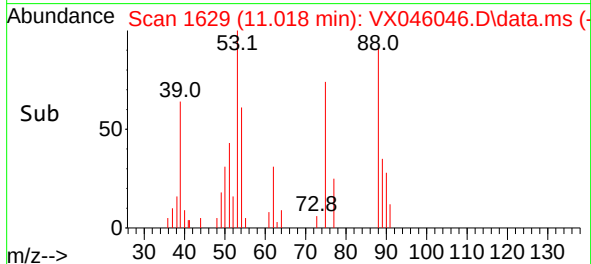
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



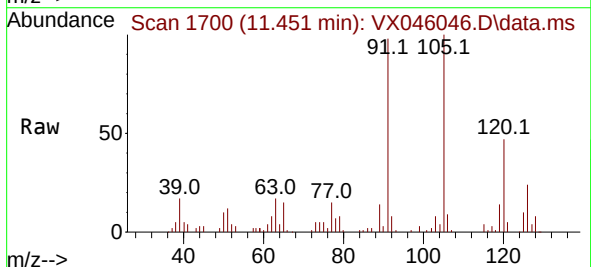
Tgt Ion: 75 Resp: 1828
Ion Ratio Lower Upper
75 100
53 125.8 100.5 150.7
89 47.9 37.0 55.6

Manual Integrations
APPROVED

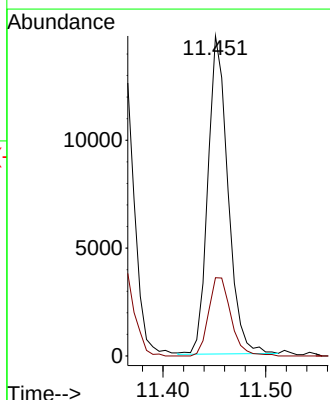
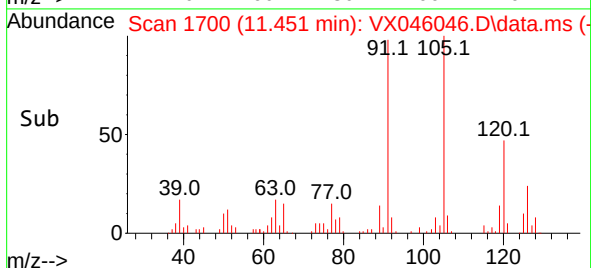
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

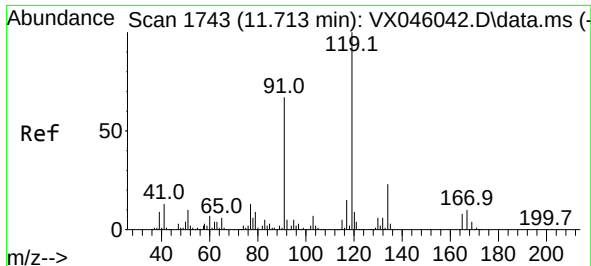


#82
4-Chlorotoluene
Concen: 3.245 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



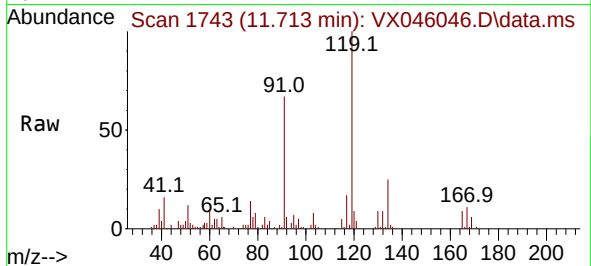
Tgt Ion: 91 Resp: 19966
Ion Ratio Lower Upper
91 100
126 27.3 13.3 39.8





#83
tert-Butylbenzene
Concen: 3.484 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

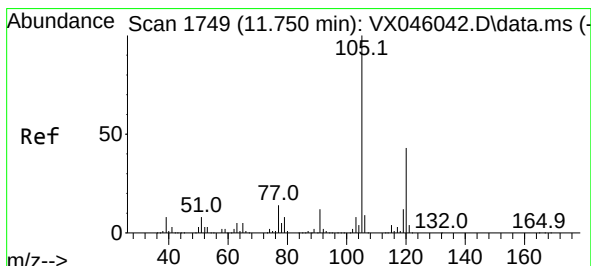
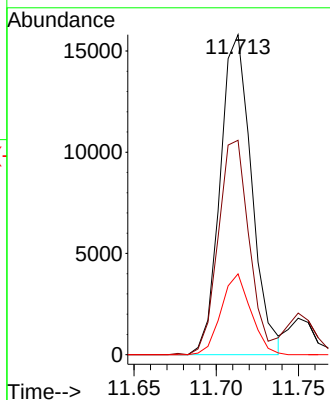
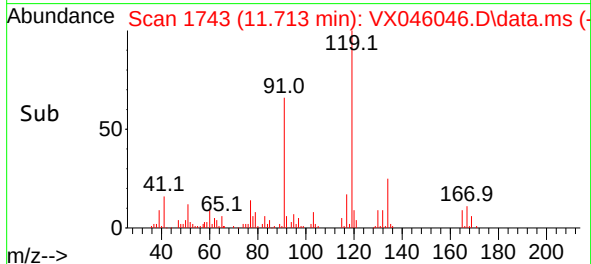
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



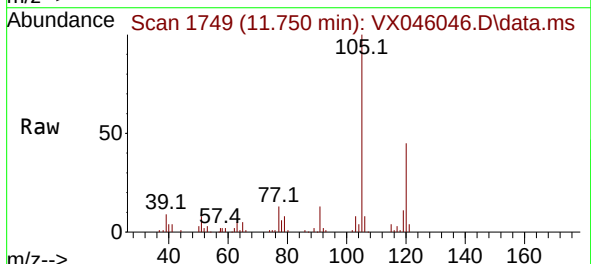
Tgt Ion:119 Resp: 21049
Ion Ratio Lower Upper
119 100
91 67.0 32.9 98.7
134 23.8 11.4 34.1

Manual Integrations
APPROVED

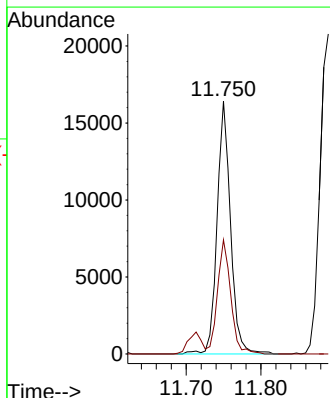
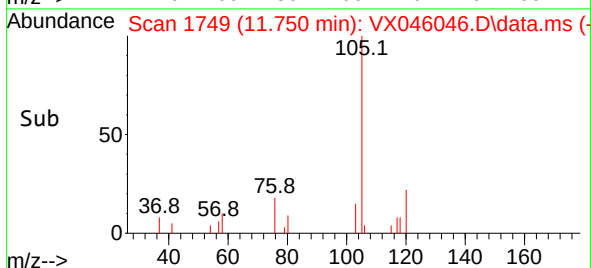
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

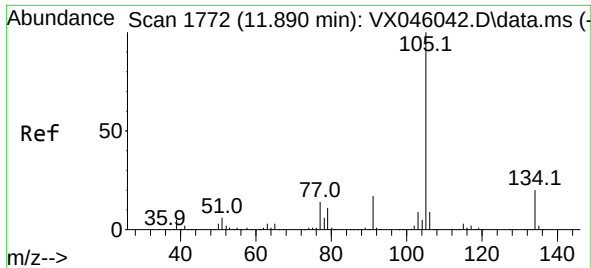


#84
1,2,4-Trimethylbenzene
Concen: 3.355 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion:105 Resp: 20613
Ion Ratio Lower Upper
105 100
120 44.5 21.2 63.6





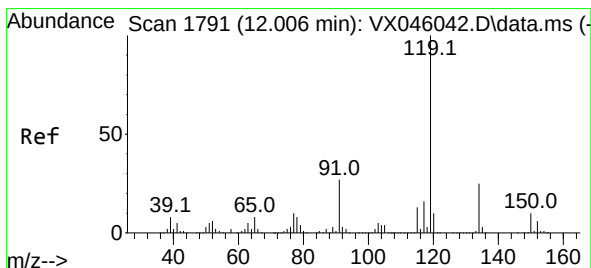
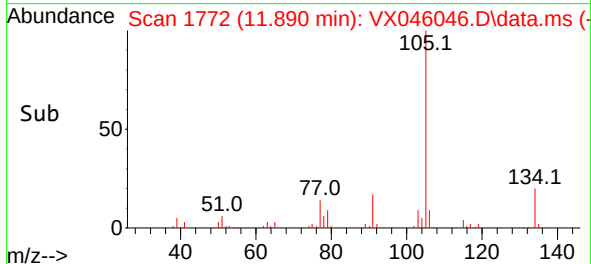
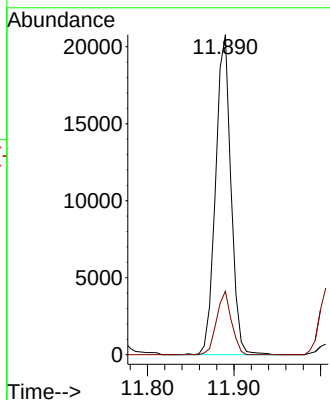
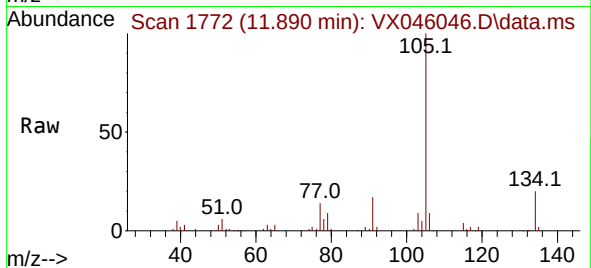
#85
 sec-Butylbenzene
 Concen: 3.412 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046046.D
 Acq: 05 May 2025 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 25590
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

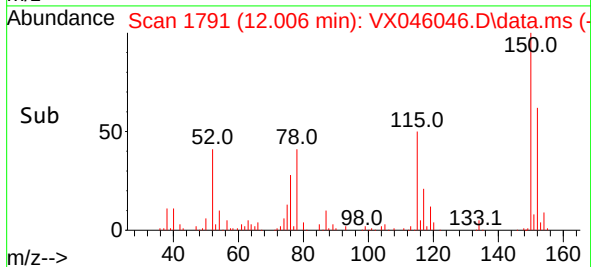
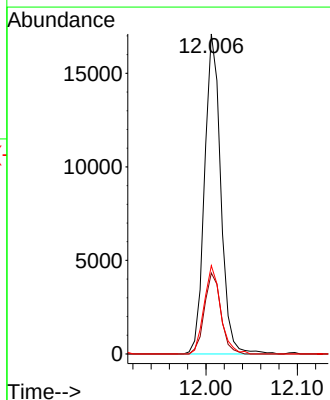
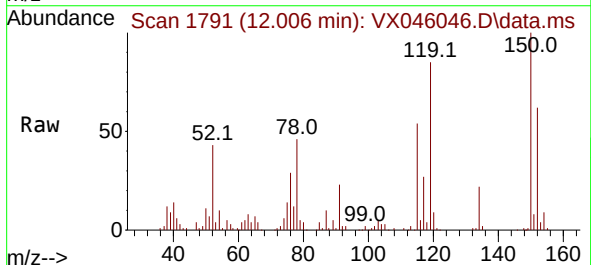
Manual Integrations
 APPROVED

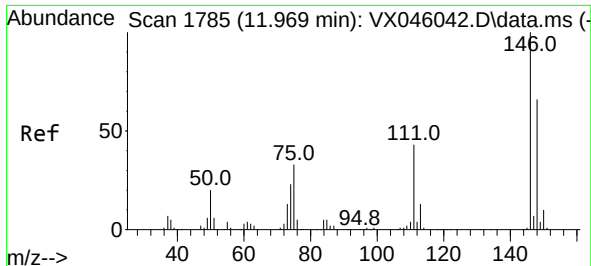
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#86
 p-Isopropyltoluene
 Concen: 3.460 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046046.D
 Acq: 05 May 2025 16:04

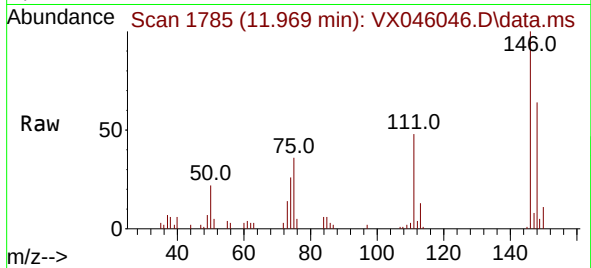
Tgt Ion:119 Resp: 20955
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.5 37.5
 91 28.0 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 3.315 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

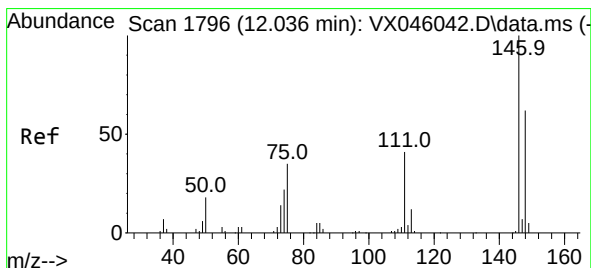
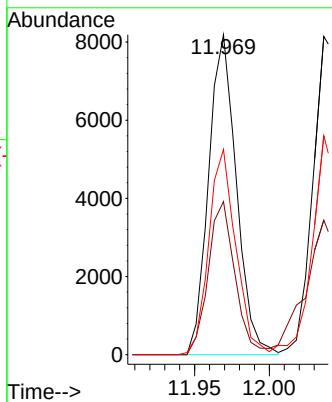
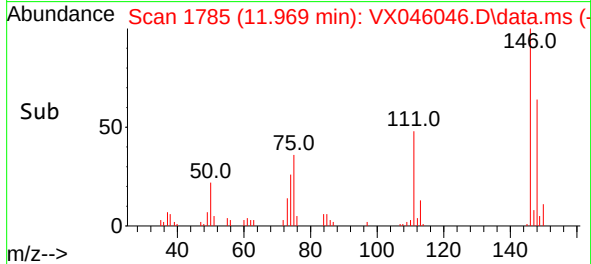
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



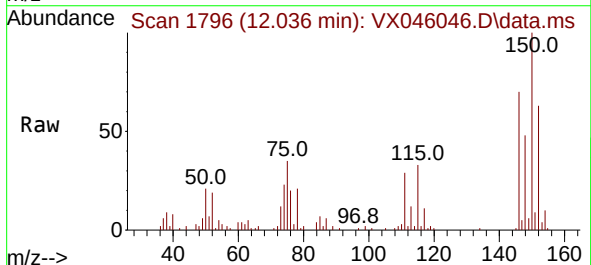
Tgt Ion:146 Resp: 1058
Ion Ratio Lower Upper
146 100
111 46.2 22.1 66.3
148 62.4 32.1 96.5

Manual Integrations
APPROVED

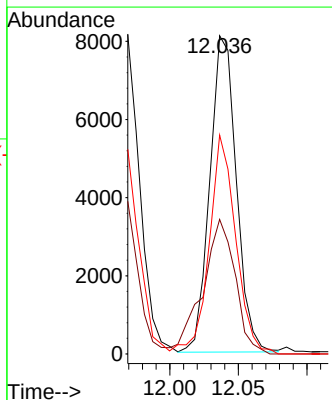
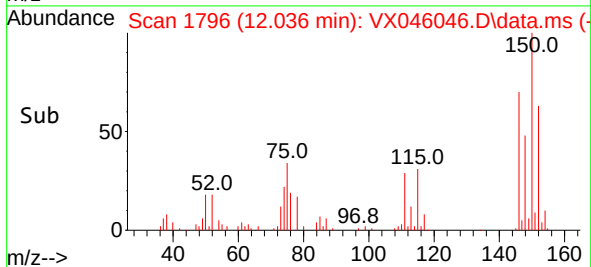
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

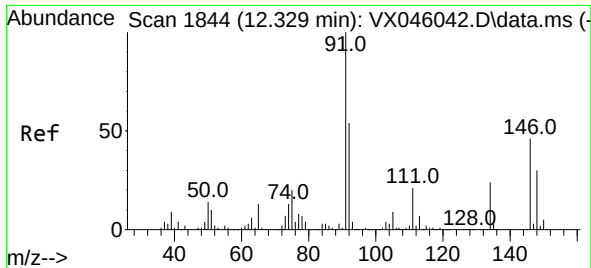


#88
1,4-Dichlorobenzene
Concen: 3.486 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



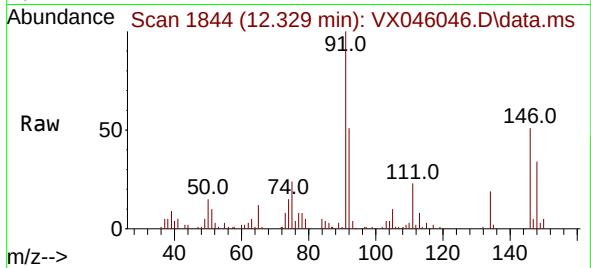
Tgt Ion:146 Resp: 10908
Ion Ratio Lower Upper
146 100
111 52.1 21.3 63.9
148 69.4 31.9 95.5





#89
n-Butylbenzene
Concen: 3.419 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

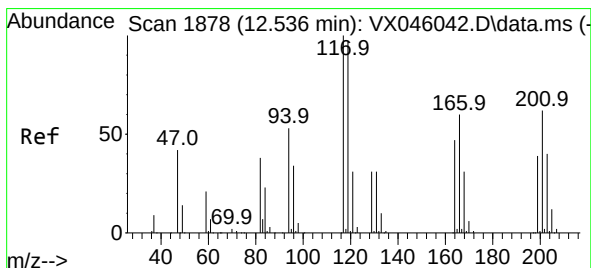
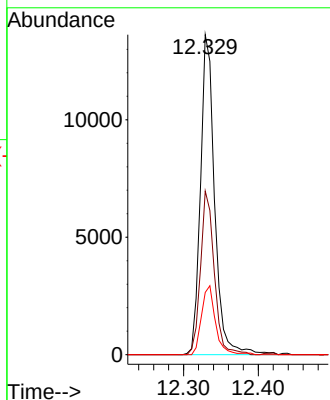
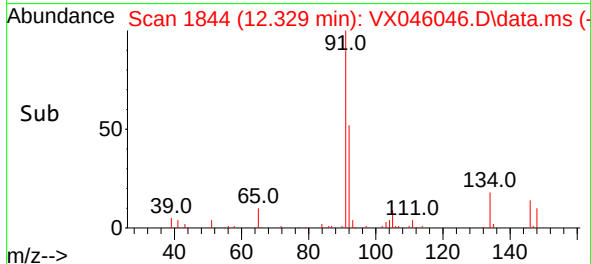
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 18004
Ion Ratio Lower Upper
91 100
92 49.5 26.9 80.7
134 21.2 11.8 35.3

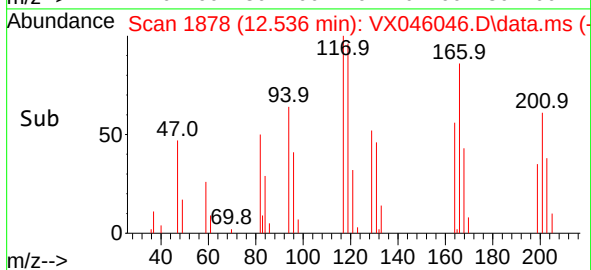
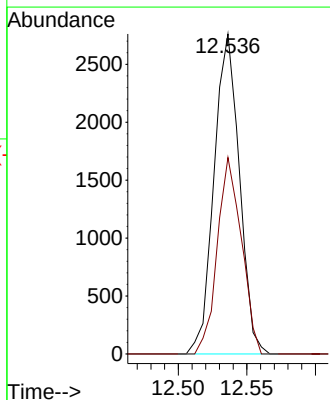
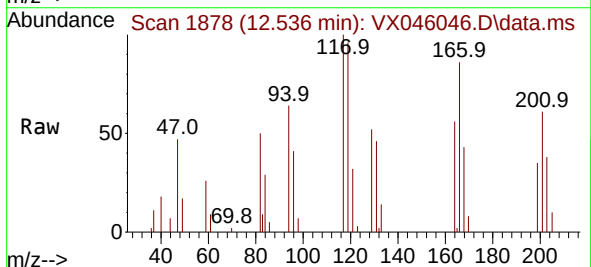
Manual Integrations
APPROVED

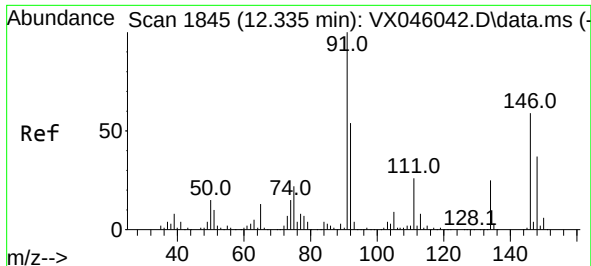
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#90
Hexachloroethane
Concen: 3.153 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

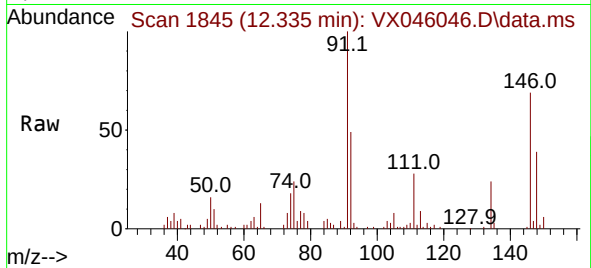
Tgt Ion:117 Resp: 3553
Ion Ratio Lower Upper
117 100
201 58.5 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 3.444 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

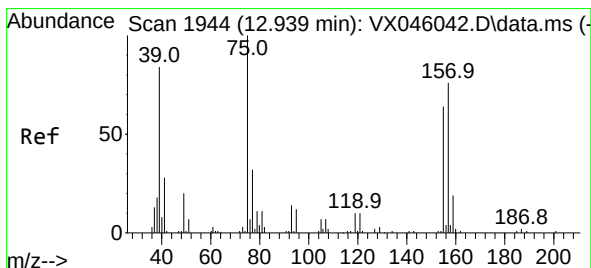
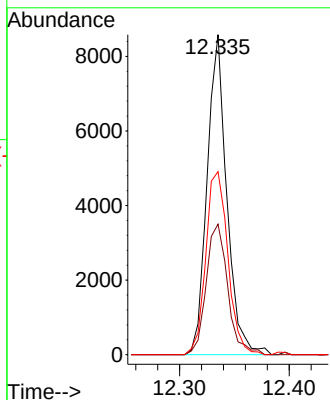
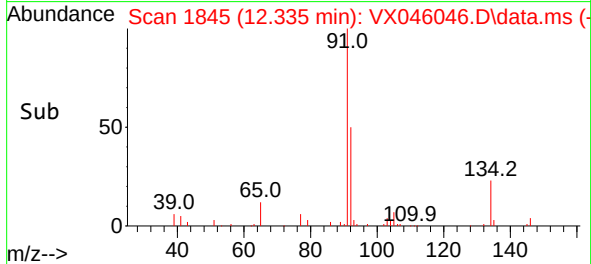
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



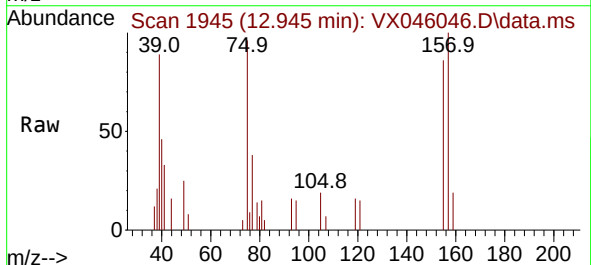
Tgt Ion:146 Resp: 10712
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.3
148 64.2 31.6 94.8

Manual Integrations
APPROVED

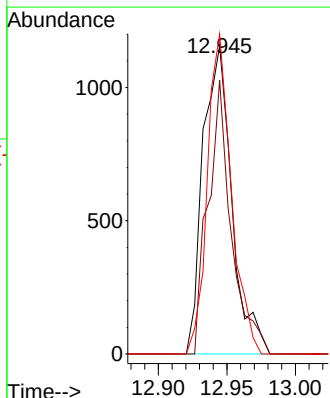
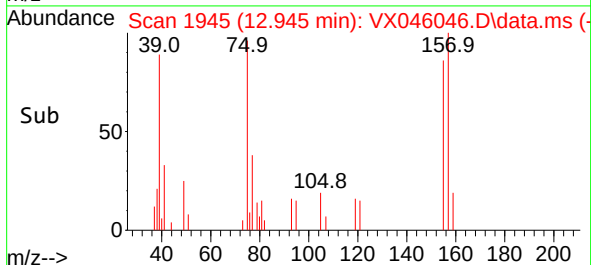
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

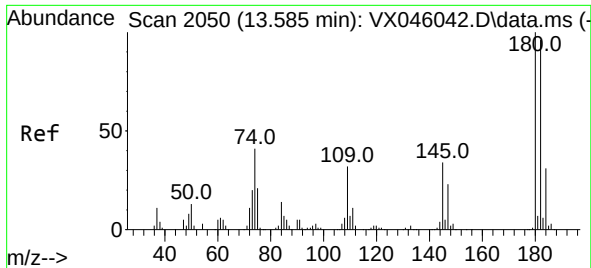


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.812 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



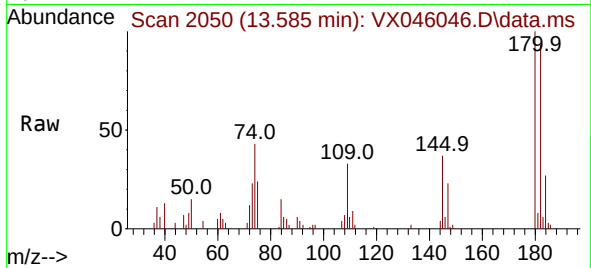
Tgt Ion: 75 Resp: 1687
Ion Ratio Lower Upper
75 100
155 71.7 34.9 104.8
157 87.0 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 3.359 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

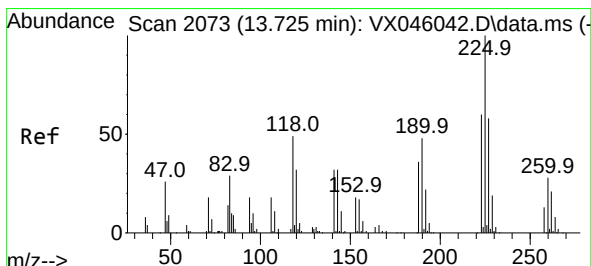
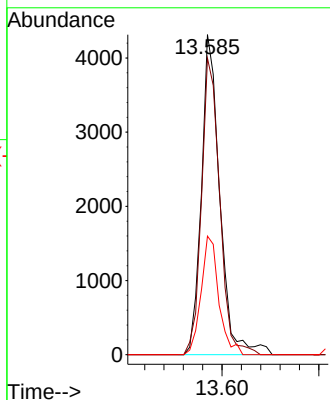
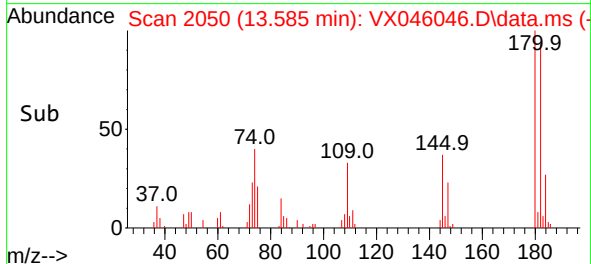
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:180 Resp: 5720
Ion Ratio Lower Upper
180 100
182 91.6 47.9 143.8
145 35.7 17.1 51.2

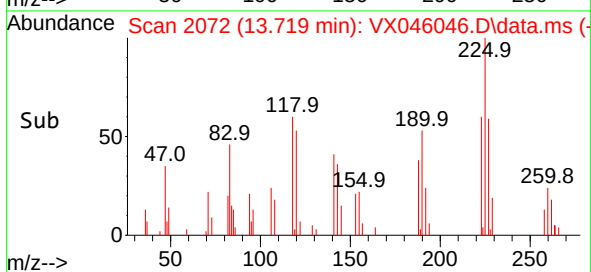
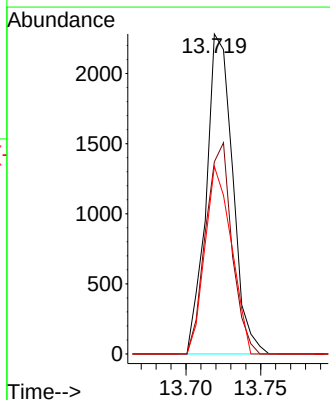
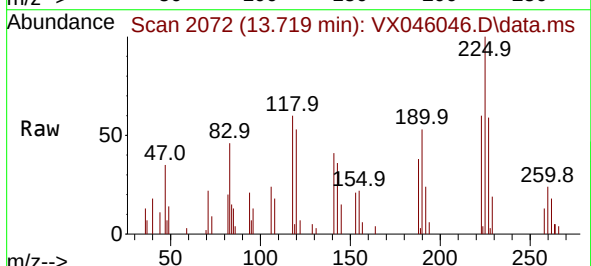
Manual Integrations
APPROVED

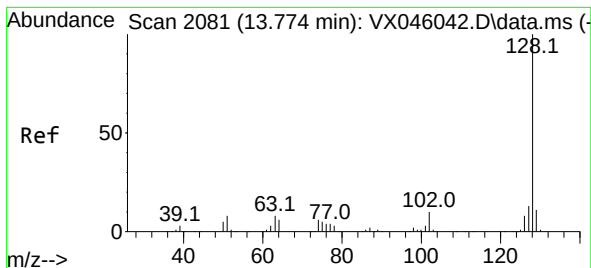
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#94
Hexachlorobutadiene
Concen: 3.535 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

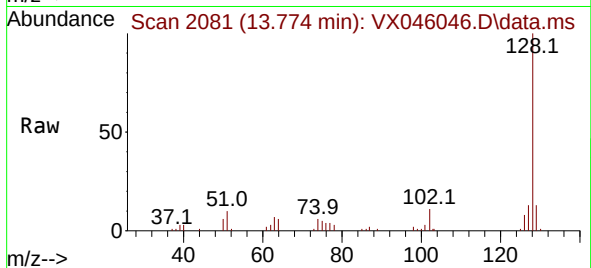
Tgt Ion:225 Resp: 2816
Ion Ratio Lower Upper
225 100
223 65.1 30.8 92.4
227 58.8 30.9 92.7





#95
Naphthalene
Concen: 3.209 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04

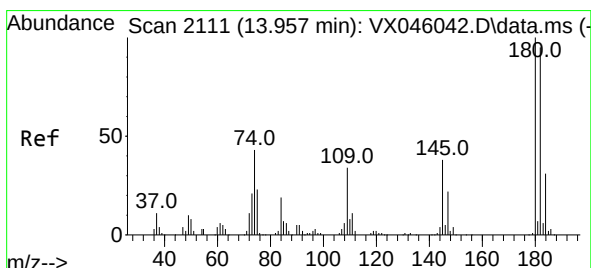
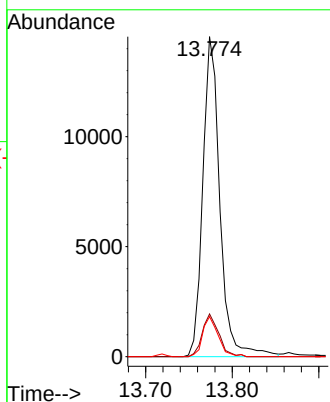
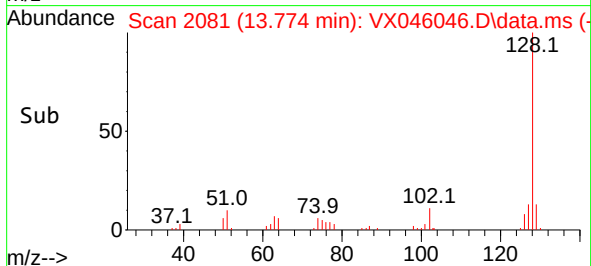
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



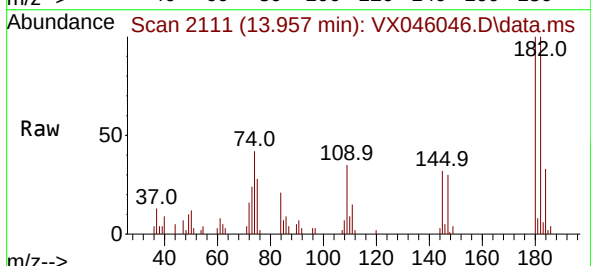
Tgt Ion:128 Resp: 1990
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.5 8.6 13.0

Manual Integrations
APPROVED

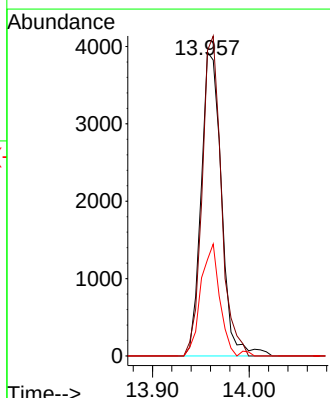
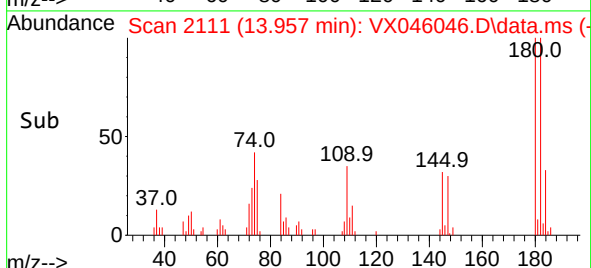
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 3.217 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046046.D
Acq: 05 May 2025 16:04



Tgt Ion:180 Resp: 5745
Ion Ratio Lower Upper
180 100
182 99.1 47.8 143.3
145 34.8 18.1 54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046047.D
 Acq On : 05 May 2025 16:27
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 06 06:13:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	92040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59123	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	1.166	85	1211	0.596	ug/l	98
3) Chloromethane	1.307	50	1278	0.639	ug/l	97
4) Vinyl Chloride	1.374	62	1239	0.707	ug/l #	82
6) Chloroethane	1.678	64	859	0.951	ug/l	91
7) Trichlorofluoromethane	1.880	101	1959	0.734	ug/l	95
8) Diethyl Ether	2.130	74	742	0.845	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	1166	0.731	ug/l	96
12) 1,1-Dichloroethene	2.313	96	1093	0.704	ug/l #	87
14) Allyl chloride	2.654	41	1936	0.660	ug/l	89
15) Acrylonitrile	3.075	53	3343	3.424	ug/l	98
16) Acetone	2.380	43	3500	3.736	ug/l	97
17) Carbon Disulfide	2.508	76	2619	0.728	ug/l	98
18) Methyl Acetate	2.709	43	1852	0.828	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	3588	0.662	ug/l	96
20) Methylene Chloride	2.782	84	1571	0.828	ug/l #	90
21) trans-1,2-Dichloroethene	3.081	96	1111	0.701	ug/l #	71
22) Diisopropyl ether	3.757	45	3857	0.703	ug/l #	26
23) Vinyl Acetate	3.727	43	15283	3.154	ug/l	96
24) 1,1-Dichloroethane	3.605	63	2054	0.637	ug/l	97
25) 2-Butanone	4.593	43	4558	3.371	ug/l	92
26) 2,2-Dichloropropane	4.458	77	1777	0.728	ug/l	84
27) cis-1,2-Dichloroethene	4.483	96	1324	0.693	ug/l	91
28) Bromochloromethane	4.910	49	1061m	0.619	ug/l	
29) Tetrahydrofuran	5.019	42	2931	3.338	ug/l	99
30) Chloroform	5.093	83	2328	0.695	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	1869	0.647	ug/l #	51
36) 1,1-Dichloropropene	5.684	75	1648	0.758	ug/l #	83
37) Ethyl Acetate	4.733	43	1956m	0.717	ug/l	
38) Carbon Tetrachloride	5.678	117	1807	0.724	ug/l #	78
39) Methylcyclohexane	7.373	83	2096	0.770	ug/l	97
40) Benzene	6.044	78	4502	0.668	ug/l #	89
41) Methacrylonitrile	4.946	41	778	0.513	ug/l #	56
42) 1,2-Dichloroethane	6.092	62	1934	0.694	ug/l	81
43) Isopropyl Acetate	6.354	43	2553	0.612	ug/l #	81
44) Trichloroethene	7.135	130	1083	0.680	ug/l	85
45) 1,2-Dichloropropane	7.440	63	1059	0.633	ug/l	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046047.D
 Acq On : 05 May 2025 16:27
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

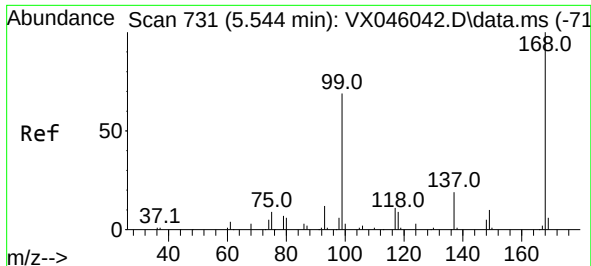
Quant Time: May 06 06:13:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

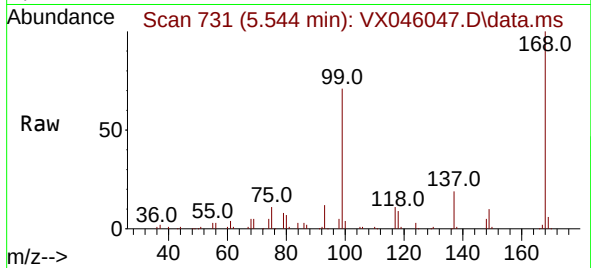
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	880	0.667	ug/l	97
47) Bromodichloromethane	7.818	83	1620	0.633	ug/l #	91
48) Methyl methacrylate	7.714	41	1235m	0.577	ug/l	
49) 1,4-Dioxane	7.677	88	498	11.703	ug/l #	66
51) 4-Methyl-2-Pentanone	8.580	43	9378	3.430	ug/l	97
52) Toluene	8.720	92	2684	0.672	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	1238	0.576	ug/l #	79
54) cis-1,3-Dichloropropene	8.379	75	1414	0.564	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	1029	0.637	ug/l	92
56) Ethyl methacrylate	9.128	69	1260	0.504	ug/l #	76
57) 1,3-Dichloropropane	9.311	76	2036	0.711	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	3846	3.420	ug/l	94
59) 2-Hexanone	9.439	43	6424	3.096	ug/l	88
60) Dibromochloromethane	9.525	129	1023	0.582	ug/l	93
61) 1,2-Dibromoethane	9.610	107	1077	0.650	ug/l	98
64) Tetrachloroethene	9.275	164	972	0.679	ug/l	95
65) Chlorobenzene	10.079	112	3170	0.735	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	1035	0.720	ug/l #	67
67) Ethyl Benzene	10.195	91	5052	0.687	ug/l	94
68) m/p-Xylenes	10.299	106	3630	1.367	ug/l	97
69) o-Xylene	10.640	106	1799	0.672	ug/l	94
70) Styrene	10.659	104	2664	0.622	ug/l	98
71) Bromoform	10.799	173	657	0.608	ug/l #	100
73) Isopropylbenzene	10.963	105	4480	0.695	ug/l	96
74) N-amyl acetate	10.854	43	2028	0.631	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	1835	0.800	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	1661m	0.674	ug/l	
77) Bromobenzene	11.201	156	1095	0.734	ug/l	96
78) n-propylbenzene	11.305	91	5052	0.699	ug/l	97
79) 2-Chlorotoluene	11.360	91	3765	0.773	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	3590	0.671	ug/l	96
82) 4-Chlorotoluene	11.457	91	3815	0.713	ug/l	97
83) tert-Butylbenzene	11.713	119	3951	0.751	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3725	0.697	ug/l	97
85) sec-Butylbenzene	11.890	105	4385	0.672	ug/l	100
86) p-Isopropyltoluene	12.006	119	3577	0.679	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	1914	0.689	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	2149m	0.789	ug/l	
89) n-Butylbenzene	12.335	91	2889	0.631	ug/l	92
90) Hexachloroethane	12.536	117	604	0.616	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	2022	0.747	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	306	0.586	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	1019	0.688	ug/l	94
94) Hexachlorobutadiene	13.725	225	465	0.671	ug/l	89
95) Naphthalene	13.780	128	4138	0.767	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1113	0.716	ug/l	96

(#) = 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. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

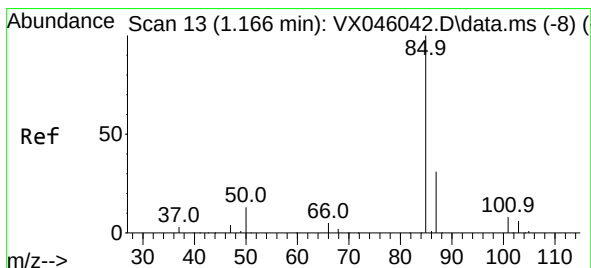
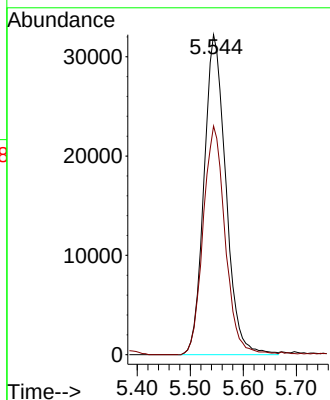
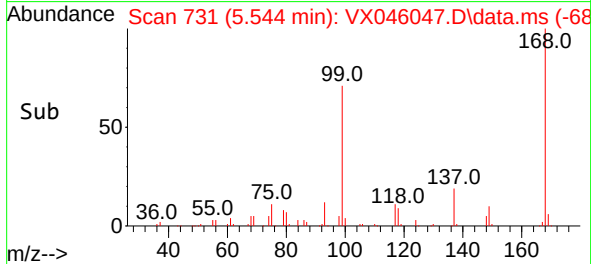
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 92040
Ion Ratio Lower Upper
168 100
99 71.5 54.9 82.3

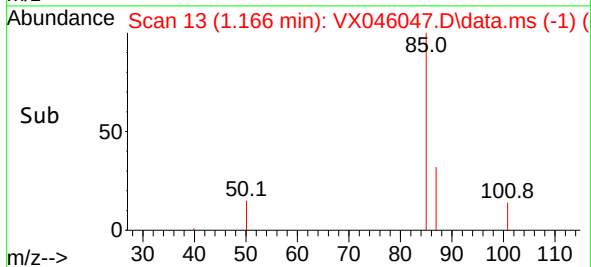
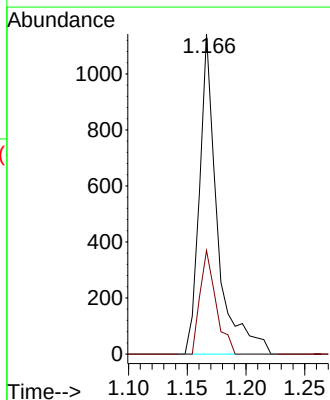
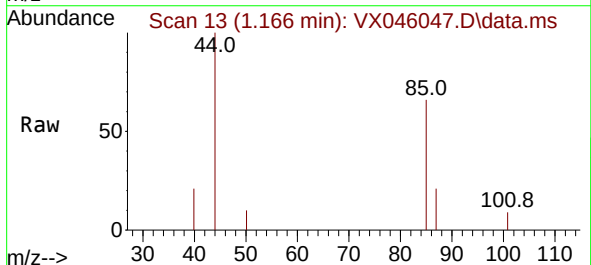
Manual Integrations
APPROVED

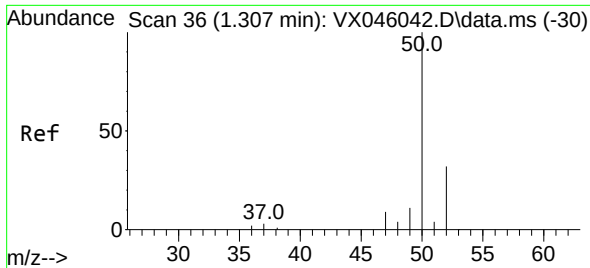
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 0.596 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 85 Resp: 1211
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1





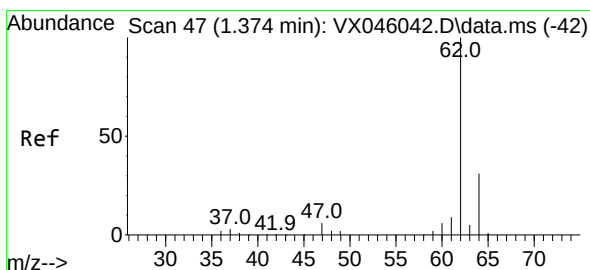
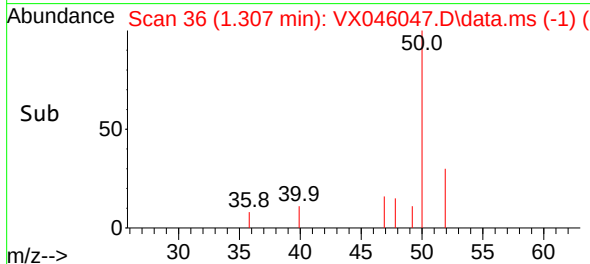
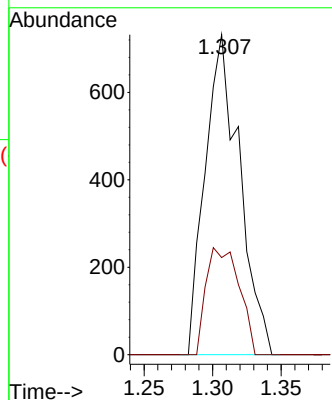
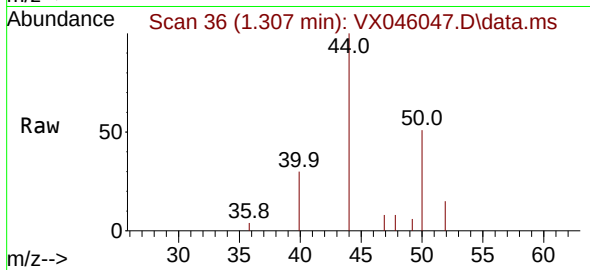
#3
Chloromethane
Concen: 0.639 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 1278
Ion Ratio Lower Upper
50 100
52 30.3 25.4 38.2

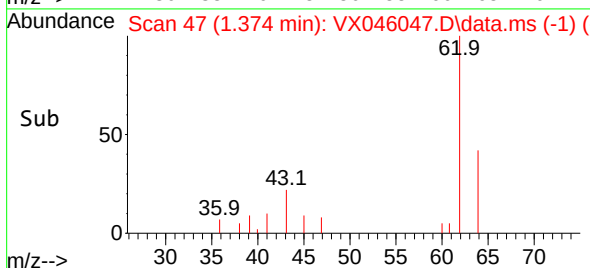
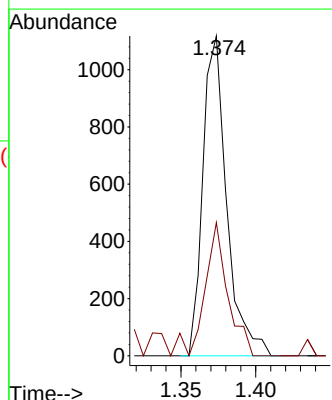
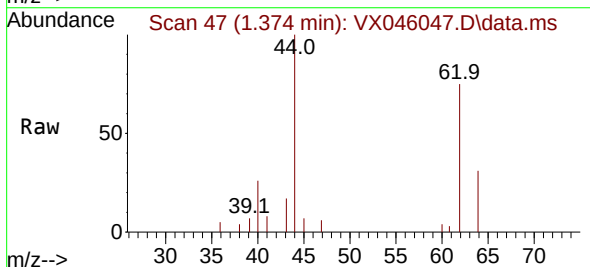
Manual Integrations
APPROVED

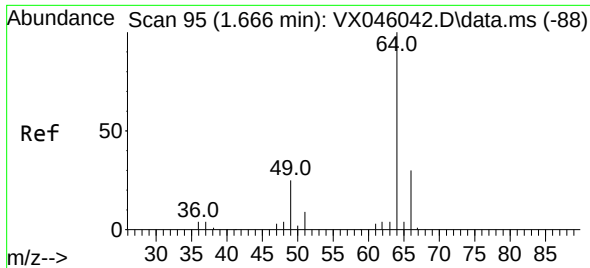
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#4
Vinyl Chloride
Concen: 0.707 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

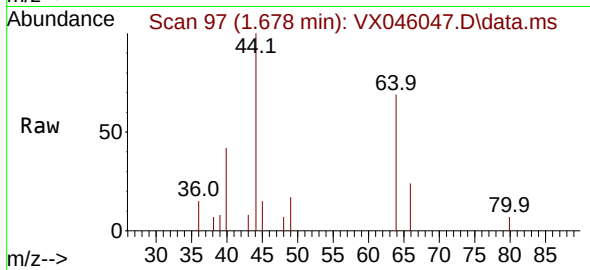
Tgt Ion: 62 Resp: 1239
Ion Ratio Lower Upper
62 100
64 41.7 25.2 37.8#





#6
Chloroethane
Concen: 0.951 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

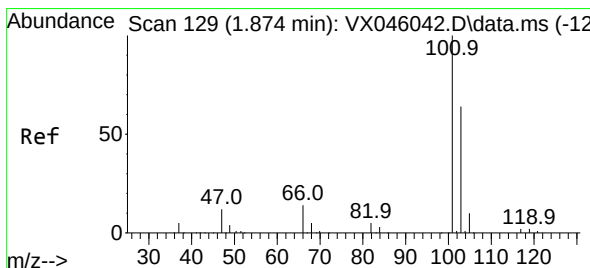
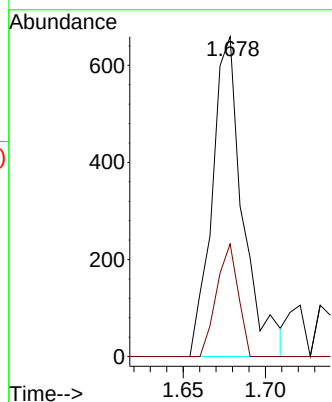
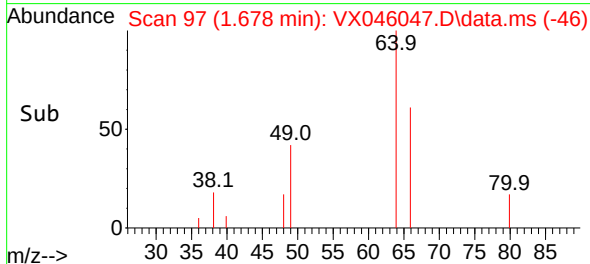
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 859
Ion Ratio Lower Upper
64 100
66 35.2 24.3 36.5

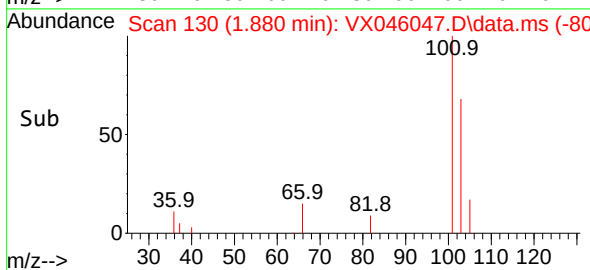
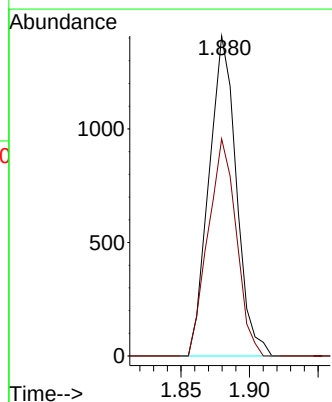
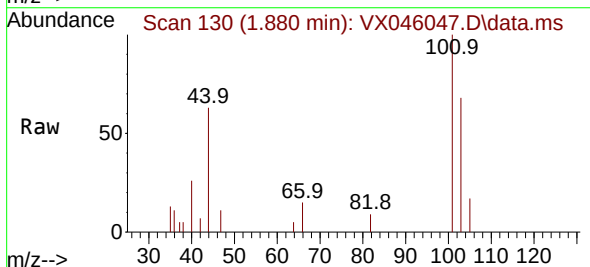
Manual Integrations
APPROVED

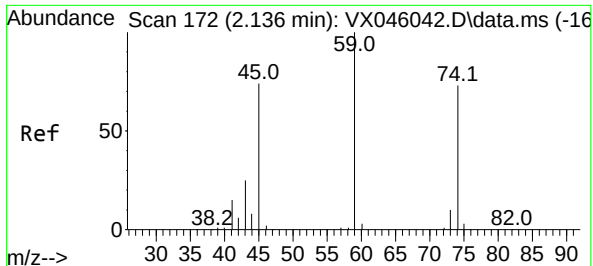
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#7
Trichlorofluoromethane
Concen: 0.734 ug/l
RT: 1.880 min Scan# 130
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

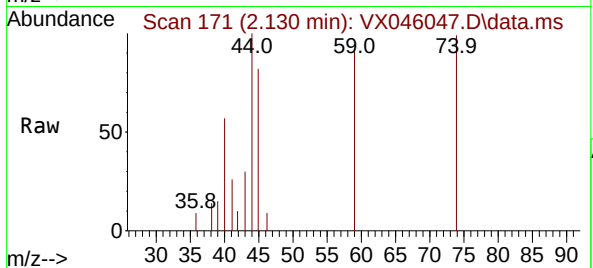
Tgt Ion:101 Resp: 1959
Ion Ratio Lower Upper
101 100
103 67.8 51.0 76.4





#8
Diethyl Ether
Concen: 0.845 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

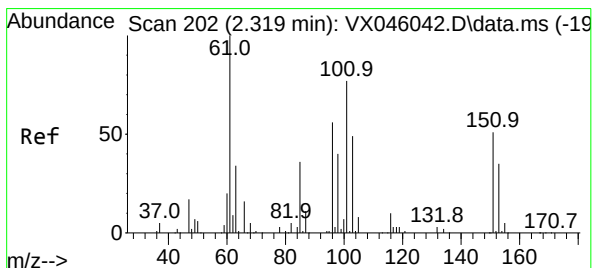
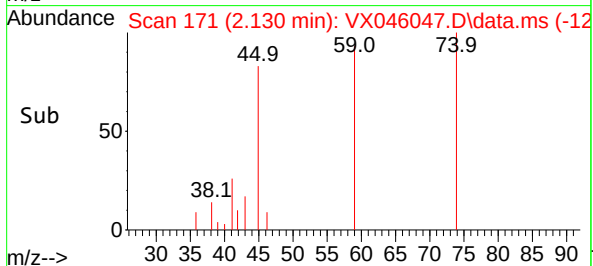
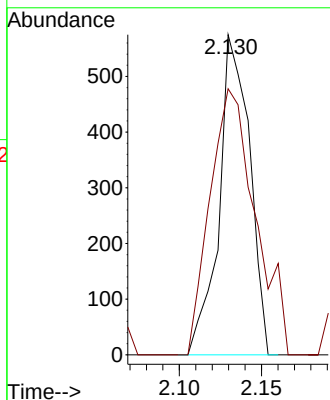
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 74 Resp: 74
Ion Ratio Lower Upper
74 100
45 123.6 54.9 164.8

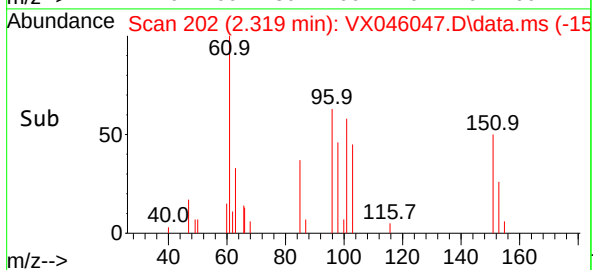
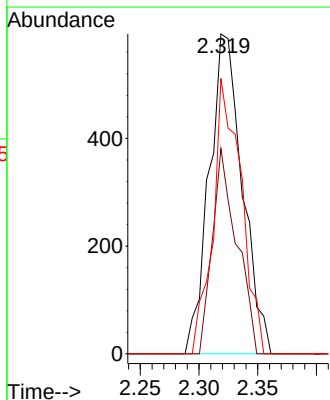
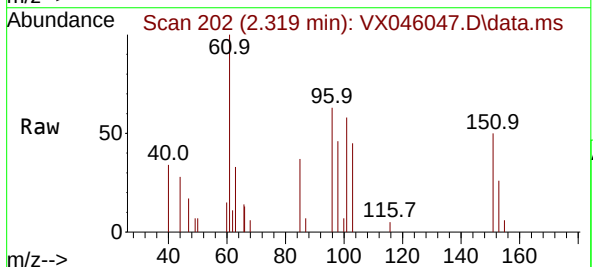
Manual Integrations
APPROVED

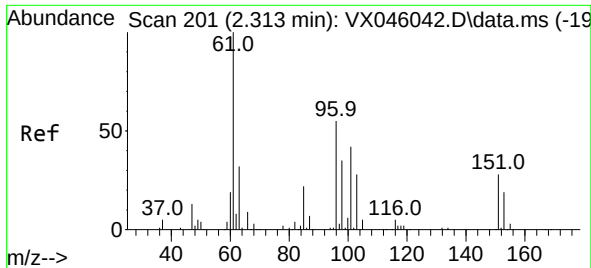
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.731 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:101 Resp: 1166
Ion Ratio Lower Upper
101 100
85 47.3 38.6 58.0
151 73.1 55.2 82.8





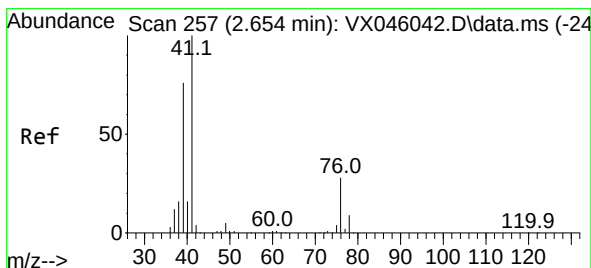
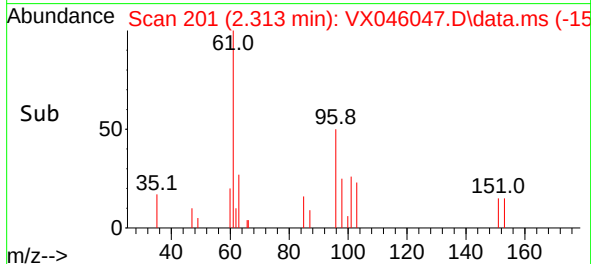
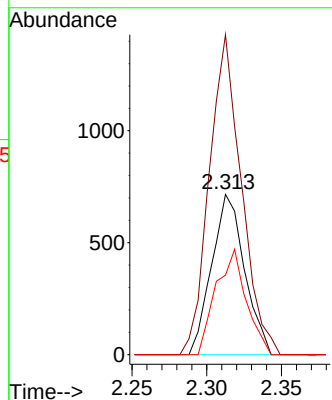
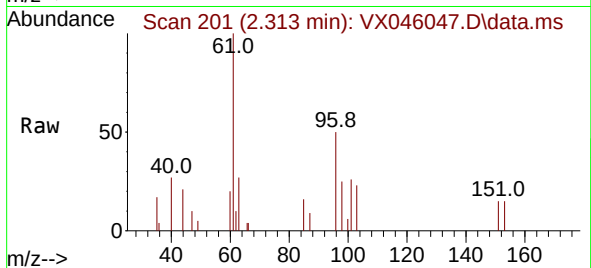
#12
1,1-Dichloroethene
Concen: 0.704 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 1093
Ion Ratio Lower Upper
96 100
61 199.6 146.2 219.2
98 49.6 51.0 76.6

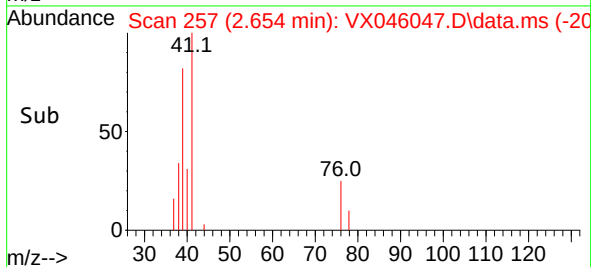
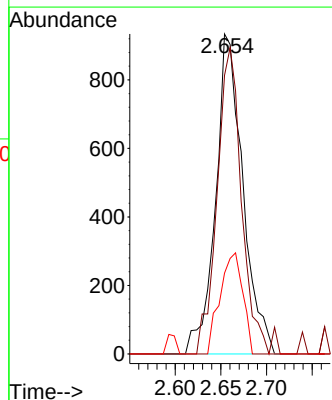
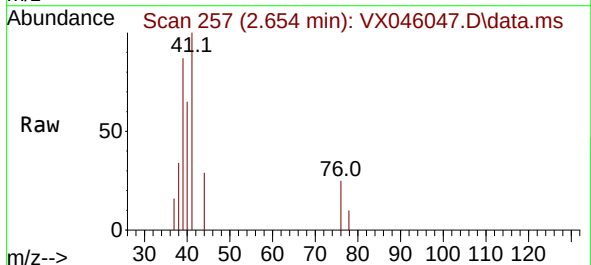
Manual Integrations
APPROVED

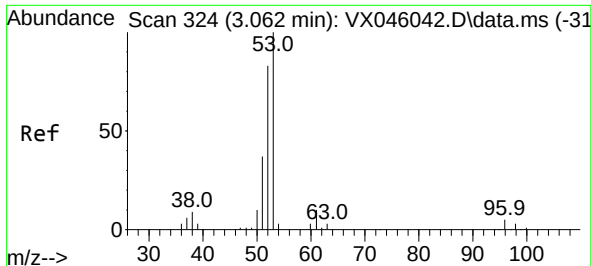
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#14
Allyl chloride
Concen: 0.660 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

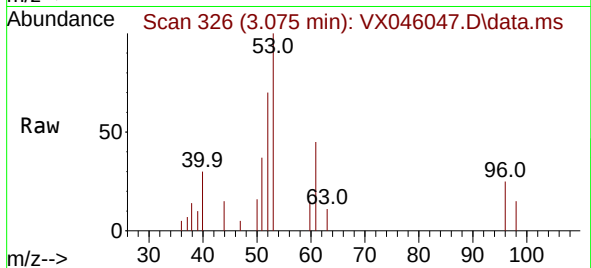
Tgt Ion: 41 Resp: 1936
Ion Ratio Lower Upper
41 100
39 85.5 60.6 90.8
76 26.4 24.9 37.3





#15
Acrylonitrile
Concen: 3.424 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

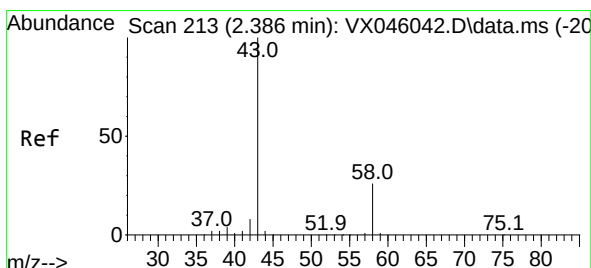
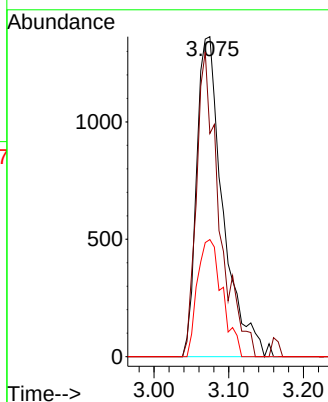
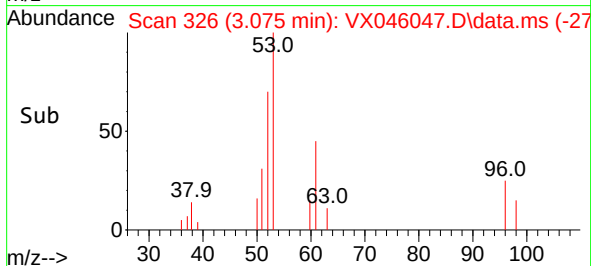
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



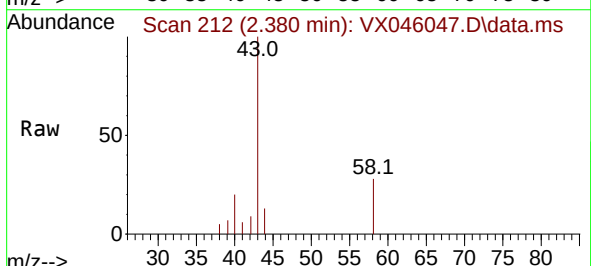
Tgt Ion: 53 Resp: 334
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 34.4 29.8 44.8

Manual Integrations
APPROVED

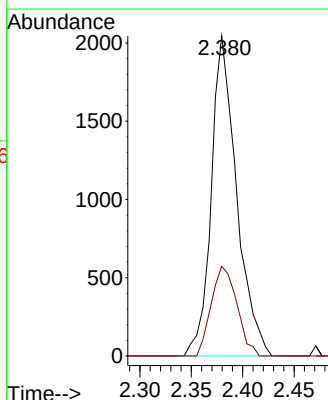
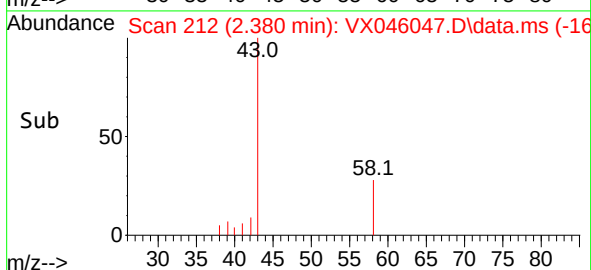
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

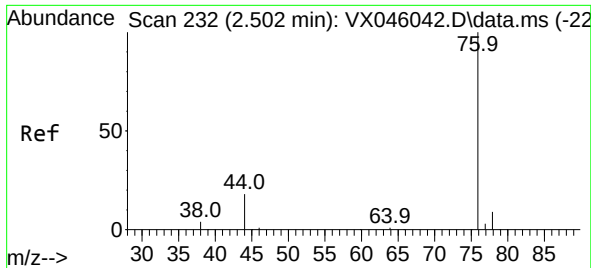


#16
Acetone
Concen: 3.736 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27



Tgt Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
58 28.1 21.2 31.8





#17

Carbon Disulfide

Concen: 0.728 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

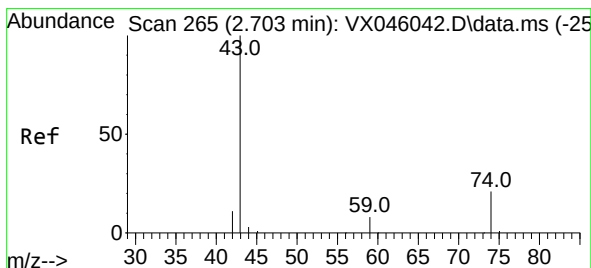
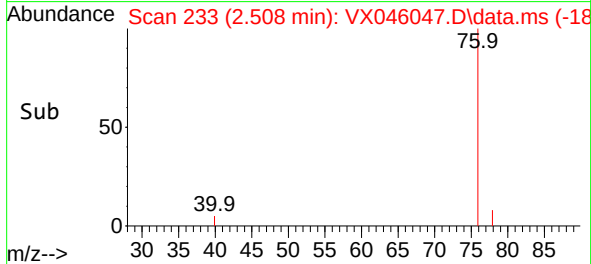
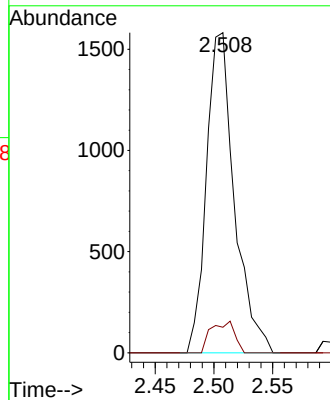
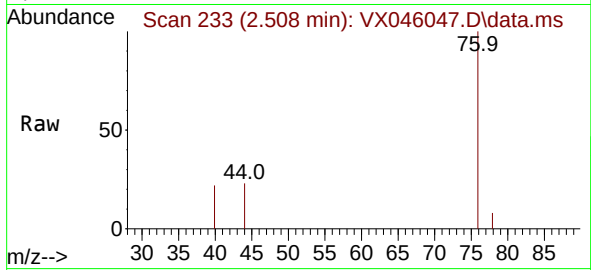
Tgt Ion: 76 Resp: 2619
 Ion Ratio Lower Upper
 76 100
 78 8.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#18

Methyl Acetate

Concen: 0.828 ug/l

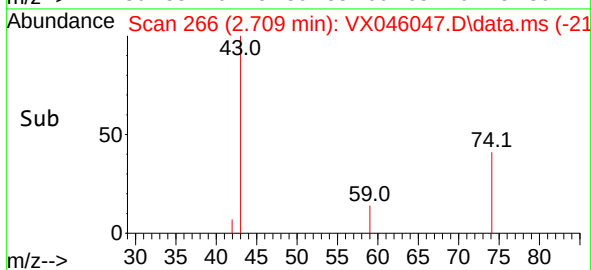
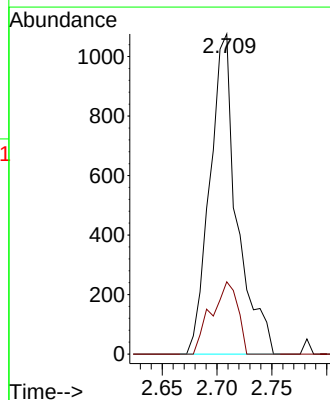
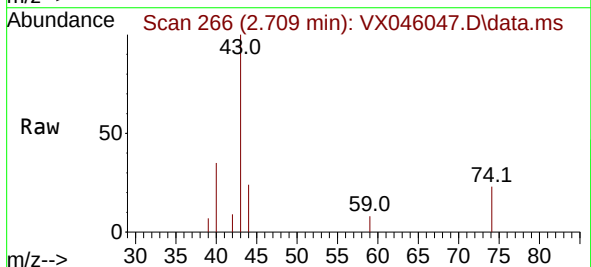
RT: 2.709 min Scan# 266

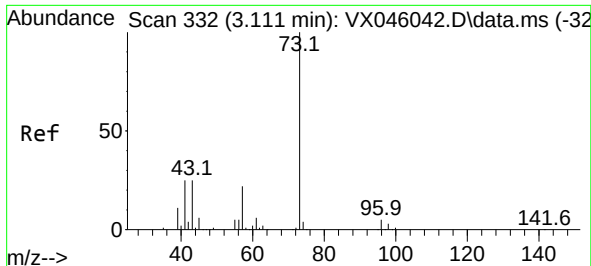
Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 1852
 Ion Ratio Lower Upper
 43 100
 74 22.0 16.7 25.1





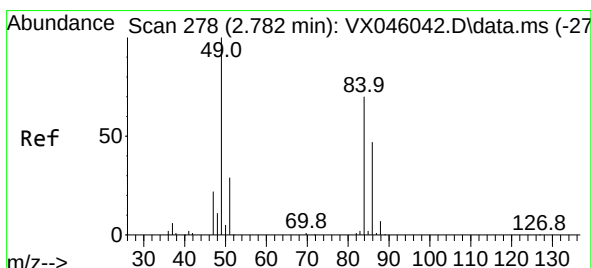
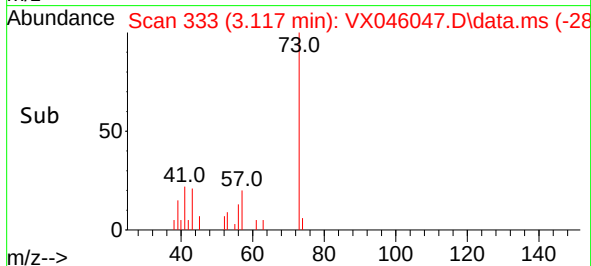
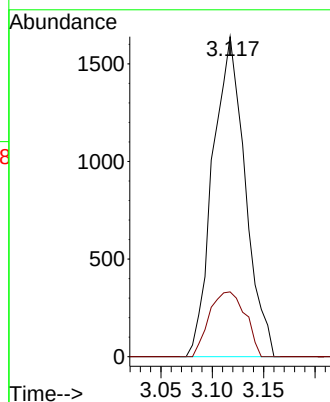
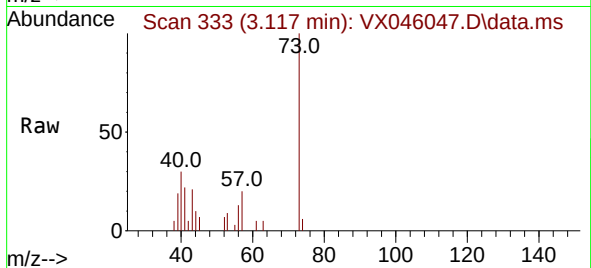
#19
Methyl tert-butyl Ether
Concen: 0.662 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 358
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5

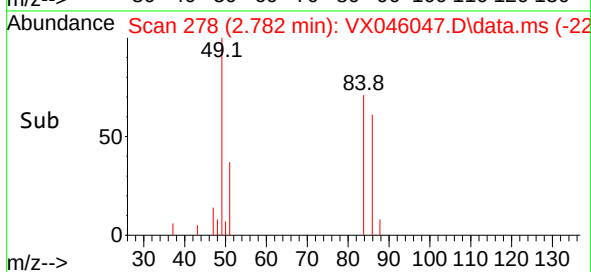
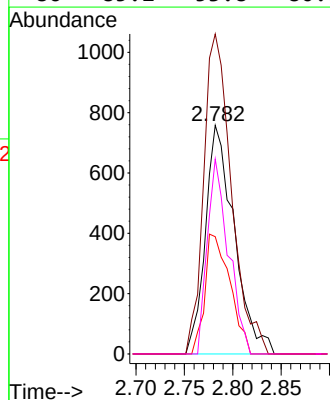
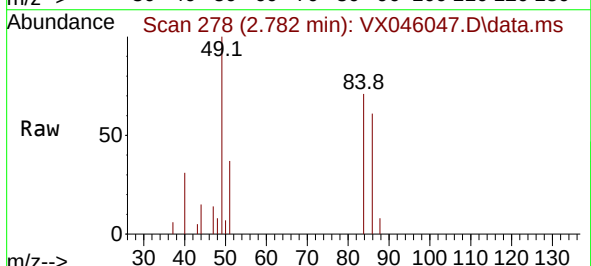
Manual Integrations
APPROVED

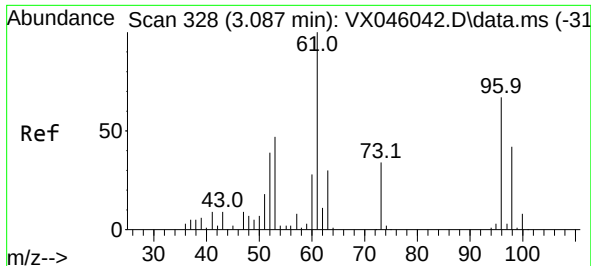
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#20
Methylene Chloride
Concen: 0.828 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

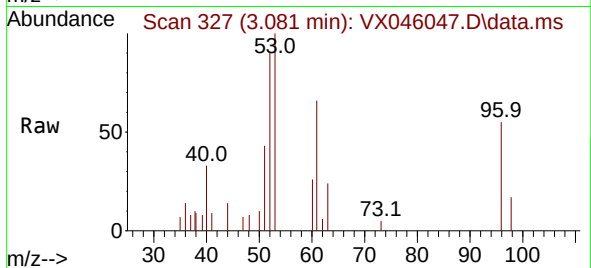
Tgt Ion: 84 Resp: 1571
Ion Ratio Lower Upper
84 100
49 140.0 113.9 170.9
51 51.3 33.5 50.3#
86 85.2 53.8 80.8#





#21
trans-1,2-Dichloroethene
Concen: 0.701 ug/l
RT: 3.081 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

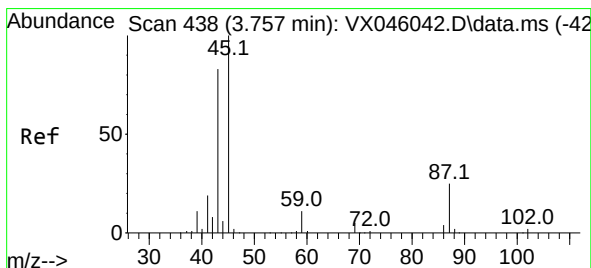
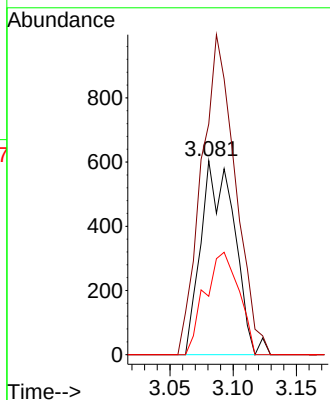
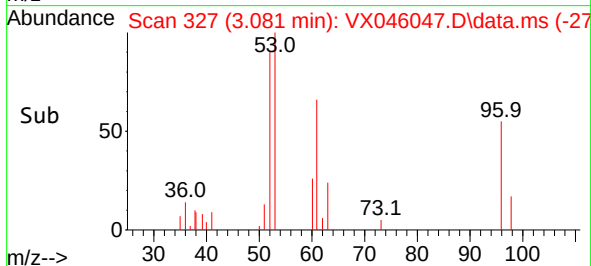
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 111
Ion Ratio Lower Upper
96 100
61 119.0 119.5 179.3
98 30.1 50.0 75.0

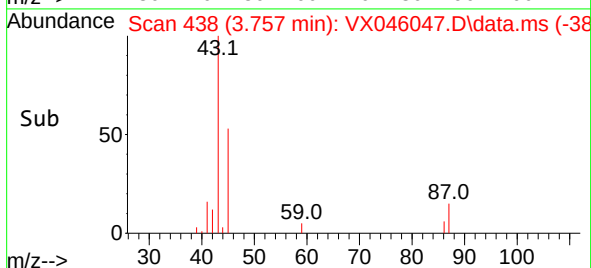
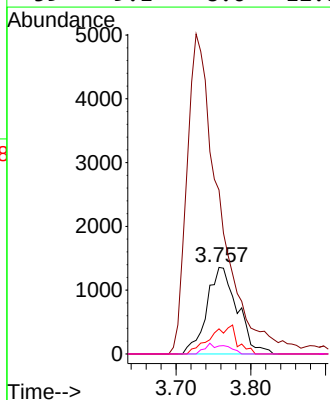
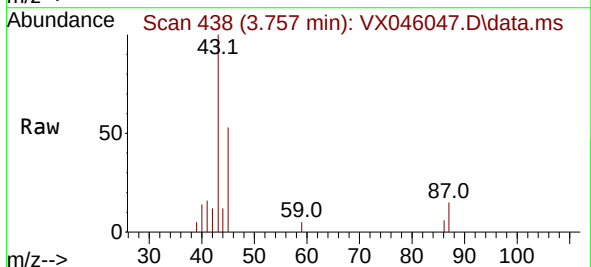
Manual Integrations
APPROVED

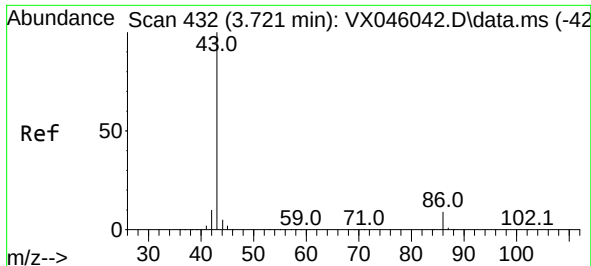
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#22
Diisopropyl ether
Concen: 0.703 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

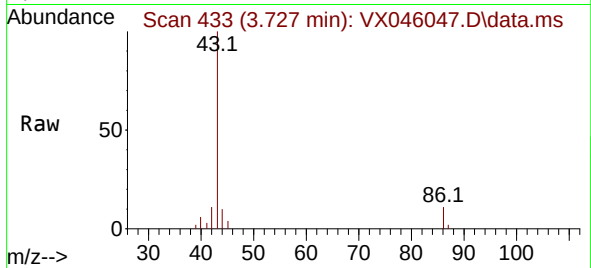
Tgt Ion: 45 Resp: 3857
Ion Ratio Lower Upper
45 100
43 176.2 66.6 100.0#
87 28.9 19.8 29.6
59 9.1 8.6 12.8





#23
 Vinyl Acetate
 Concen: 3.154 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

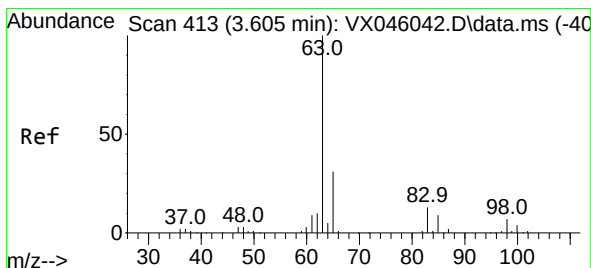
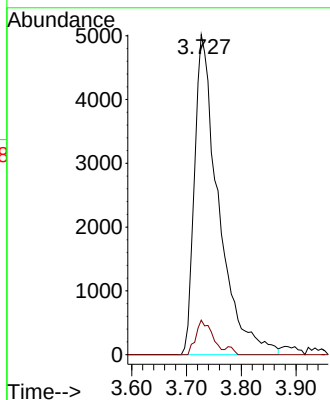
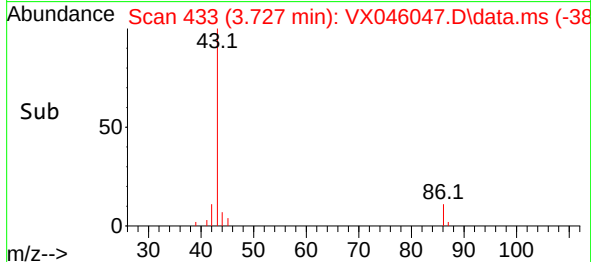
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



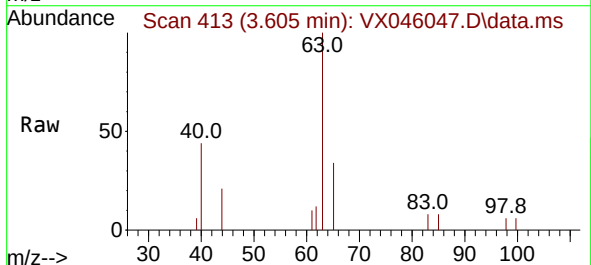
Tgt Ion: 43 Resp: 1528
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3

Manual Integrations
 APPROVED

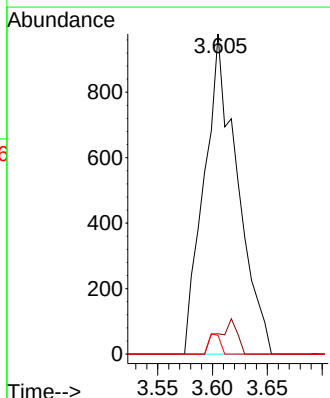
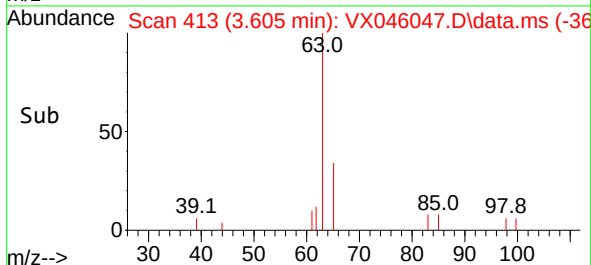
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

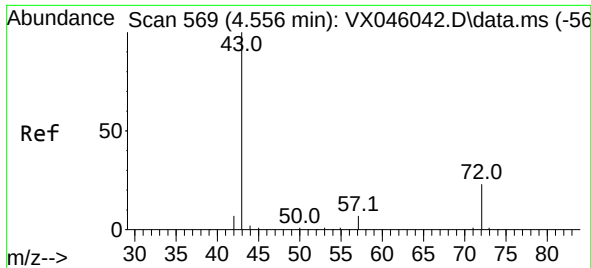


#24
 1,1-Dichloroethane
 Concen: 0.637 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27



Tgt Ion: 63 Resp: 2054
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 5.8 2.1 6.3





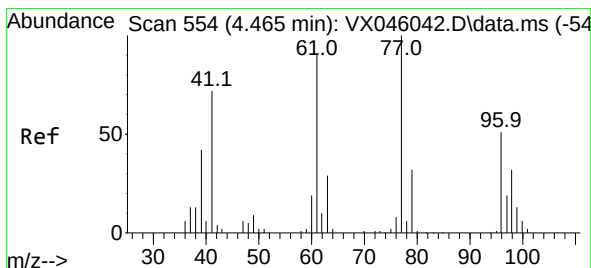
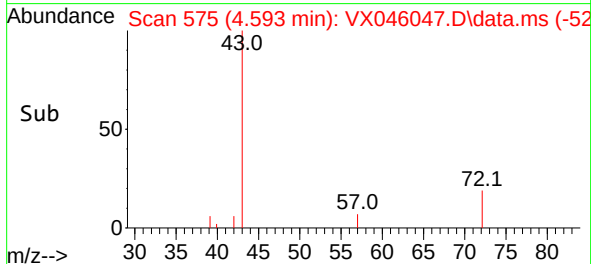
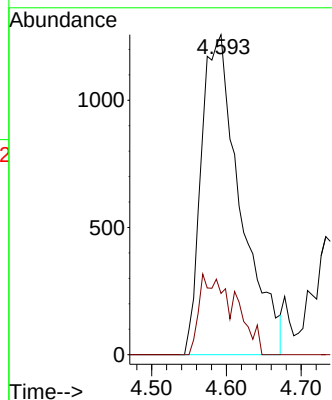
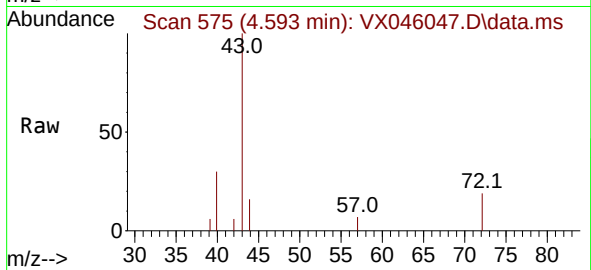
#25
2-Butanone
Concen: 3.371 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 4558
Ion Ratio Lower Upper
43 100
72 19.2 18.4 27.6

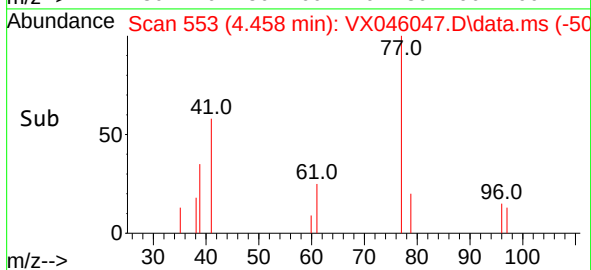
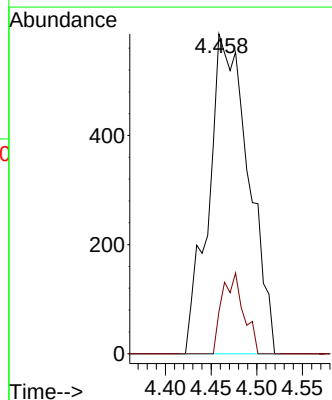
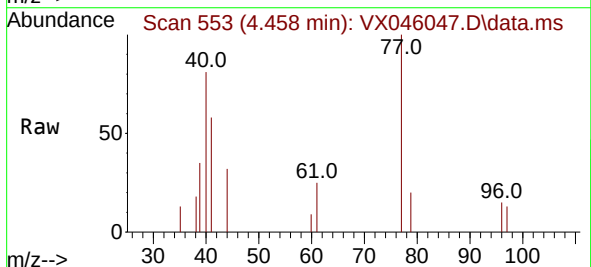
Manual Integrations
APPROVED

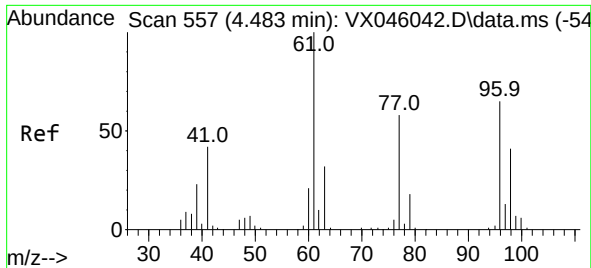
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#26
2,2-Dichloropropane
Concen: 0.728 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 77 Resp: 1777
Ion Ratio Lower Upper
77 100
97 13.7 10.5 31.5





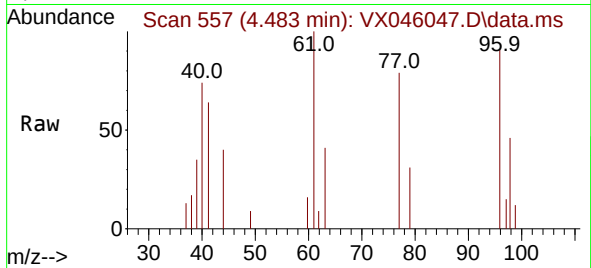
#27
 cis-1,2-Dichloroethene
 Concen: 0.693 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

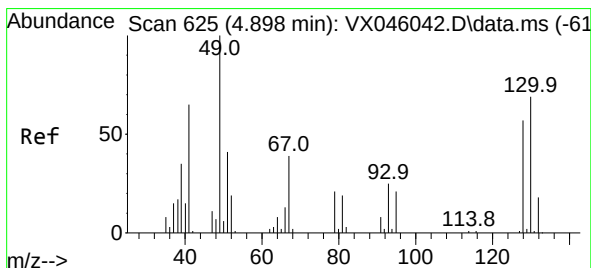
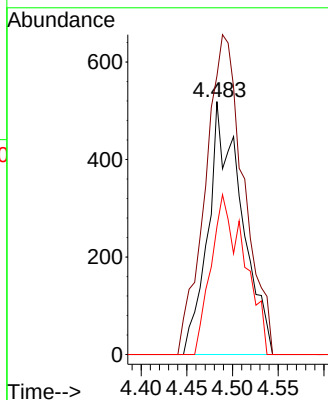
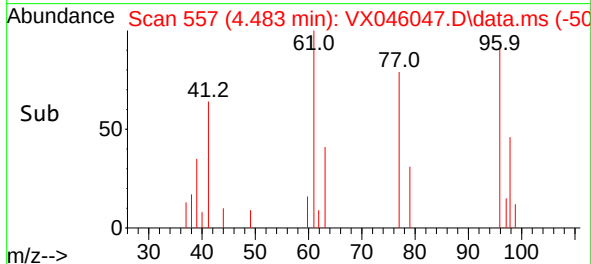


Tgt Ion: 96 Resp: 1324
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 322.8
 98 63.1 0.0 129.0

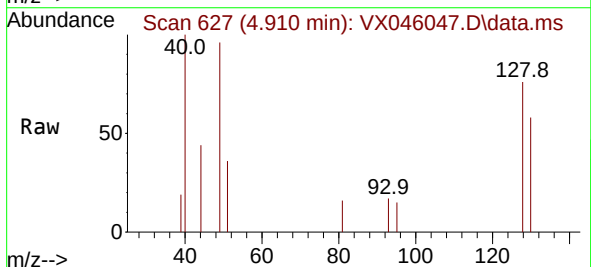
Manual Integrations

APPROVED

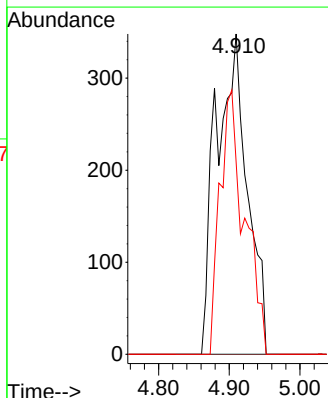
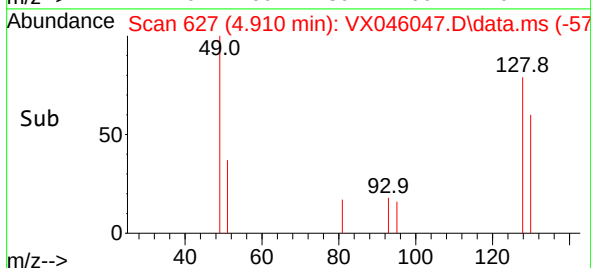
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

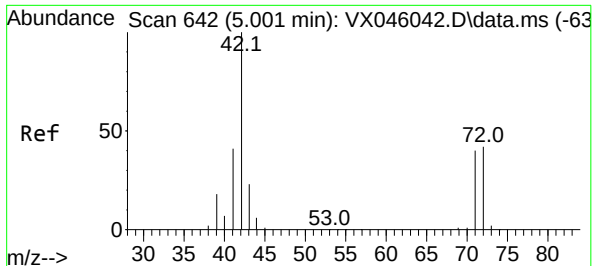


#28
 Bromochloromethane
 Concen: 0.619 ug/l m
 RT: 4.910 min Scan# 627
 Delta R.T. 0.012 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27



Tgt Ion: 49 Resp: 1061
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 65.3 56.2 84.2





#29

Tetrahydrofuran

Concen: 3.338 ug/l

RT: 5.019 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

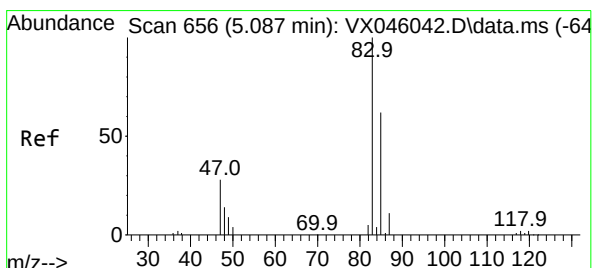
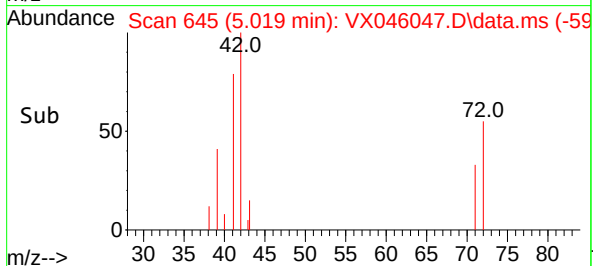
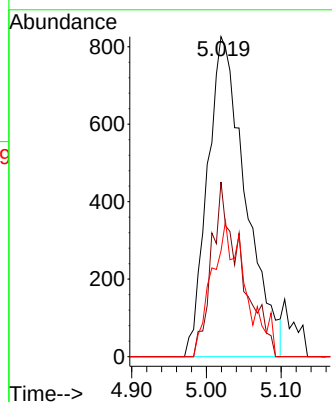
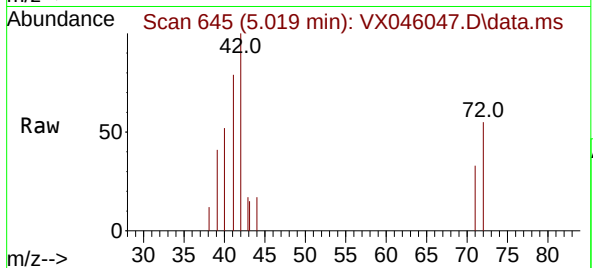
Tgt Ion: 42	Resp: 293
Ion Ratio	Lower Upper
42 100	
72 41.9	33.7 50.5
71 37.7	31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#30

Chloroform

Concen: 0.695 ug/l

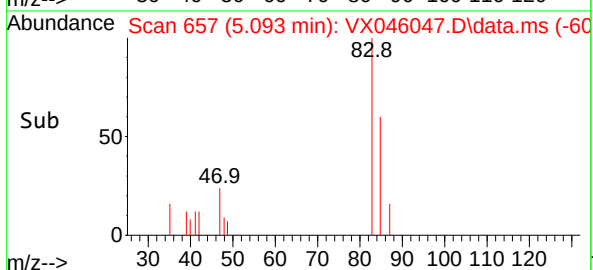
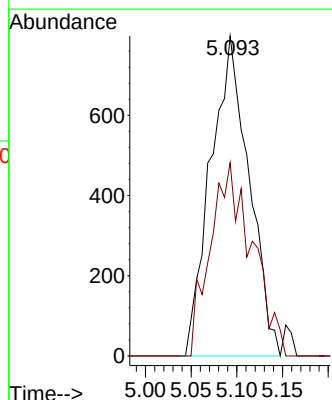
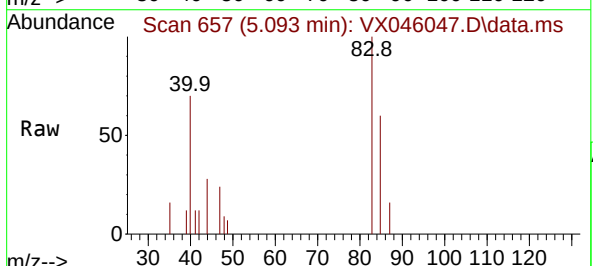
RT: 5.093 min Scan# 657

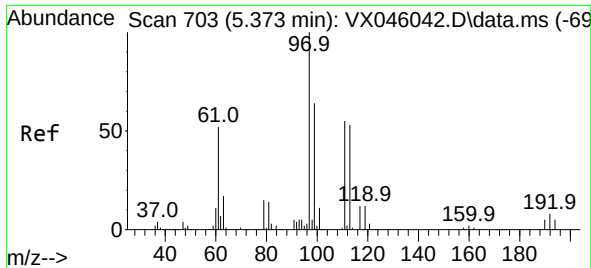
Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

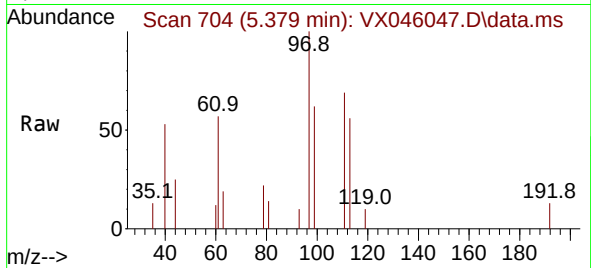
Tgt Ion: 83	Resp: 2328
Ion Ratio	Lower Upper
83 100	
85 60.4	49.3 73.9





#32
1,1,1-Trichloroethane
Concen: 0.647 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

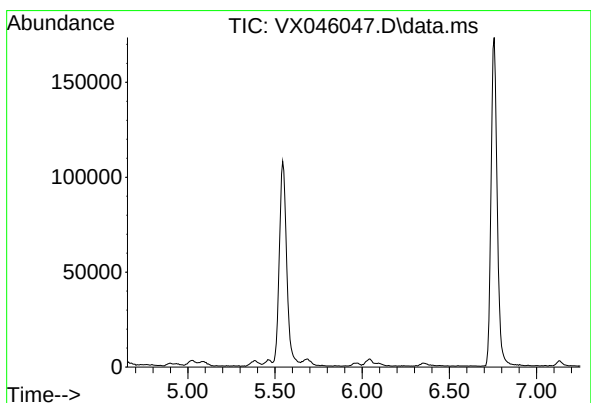
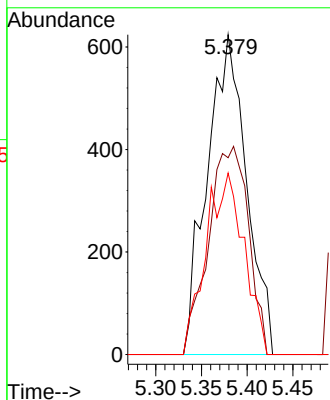
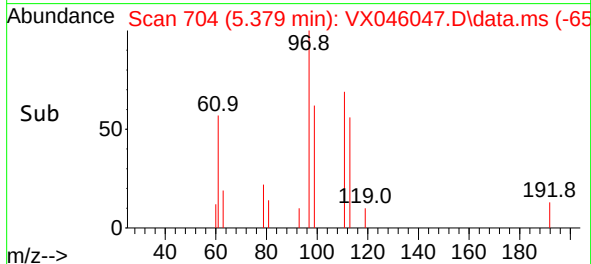
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 97 Resp: 1869
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6
61 55.0 40.1 60.1

Manual Integrations
APPROVED

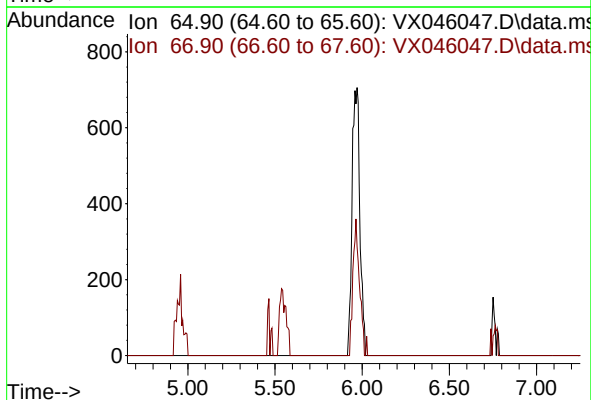
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

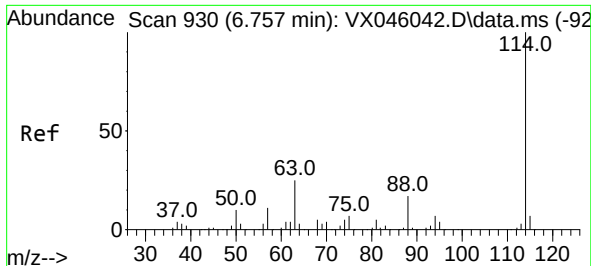


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.95 min

Lab File: VX046047.D
Acq: 05 May 2025 16:27

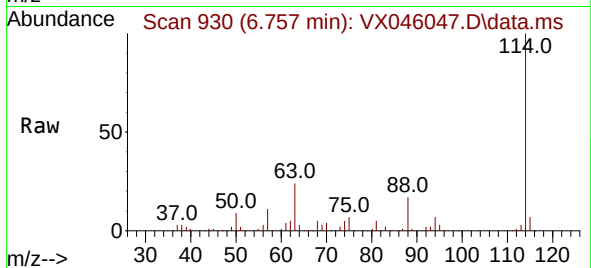
Tgt Ion: 65
Sig Exp Ratio
65 100
67 49.5





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

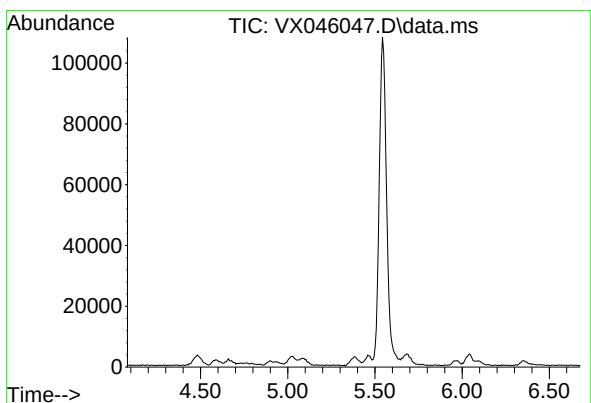
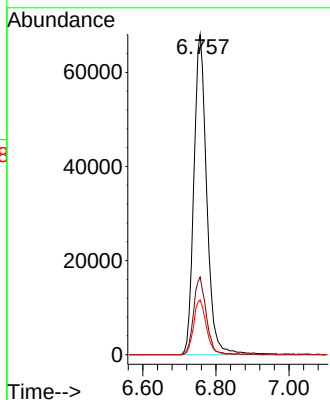
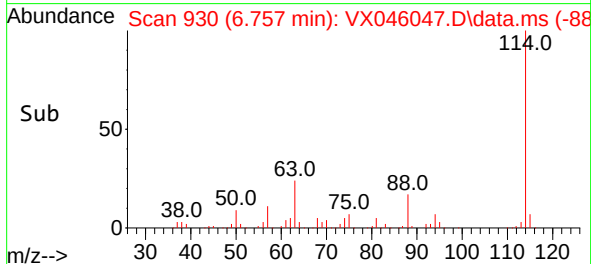
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:114 Resp: 16702
Ion Ratio Lower Upper
114 100
63 24.2 0.0 49.2
88 17.1 0.0 33.6

Manual Integrations
APPROVED

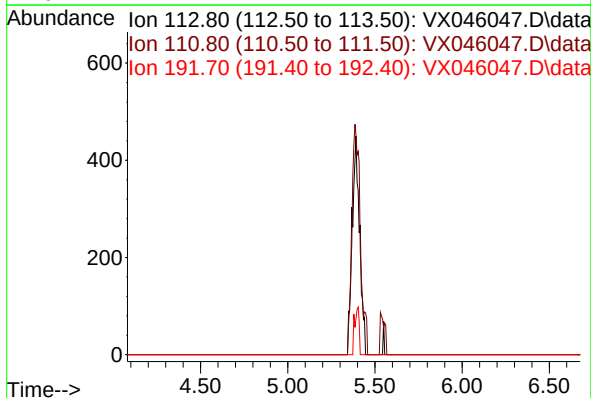
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

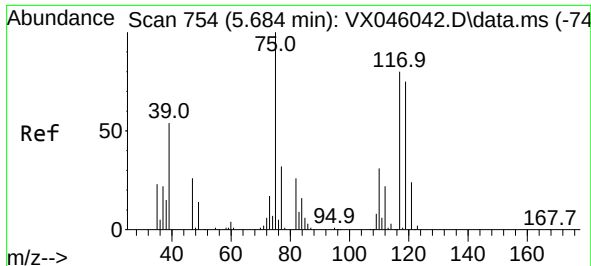


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.38 min

Lab File: VX046047.D
Acq: 05 May 2025 16:27

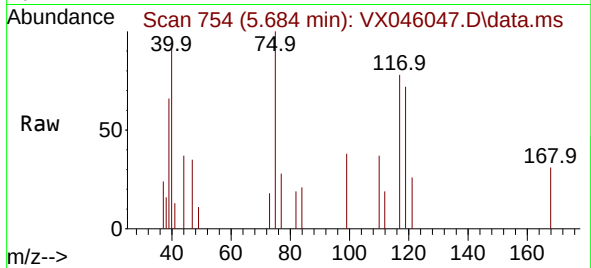
Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.9
192 16.6





#36
1,1-Dichloropropene
Concen: 0.758 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

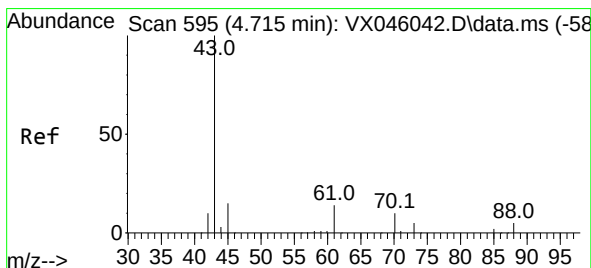
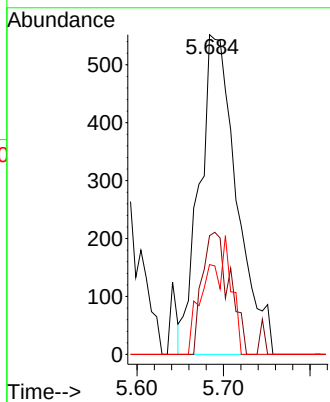
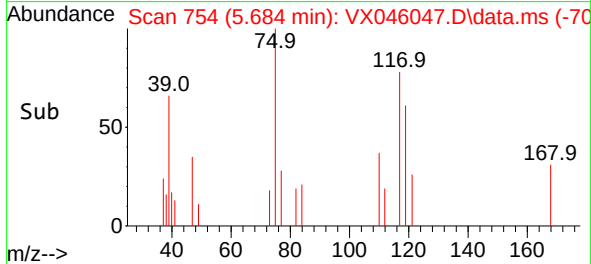
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



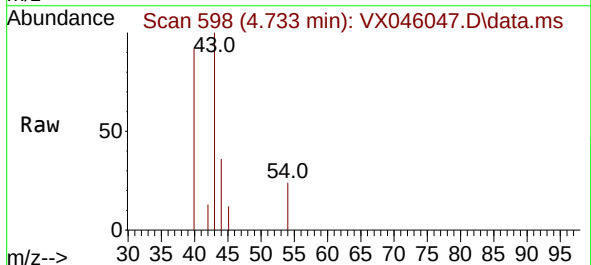
Tgt Ion: 75 Resp: 1648
Ion Ratio Lower Upper
75 100
110 28.2 16.3 48.9
77 15.8 24.3 36.5

Manual Integrations
APPROVED

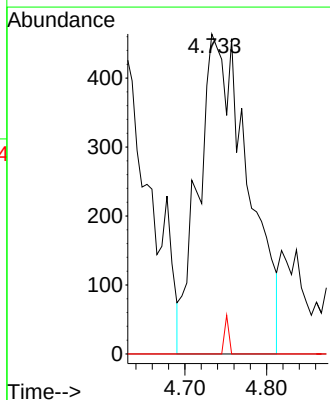
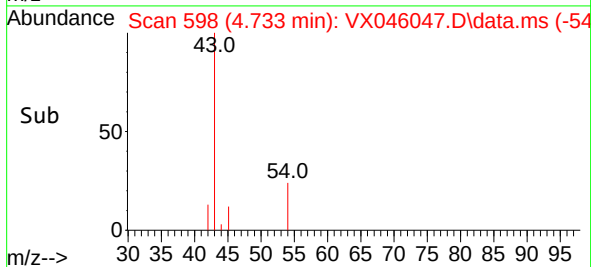
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

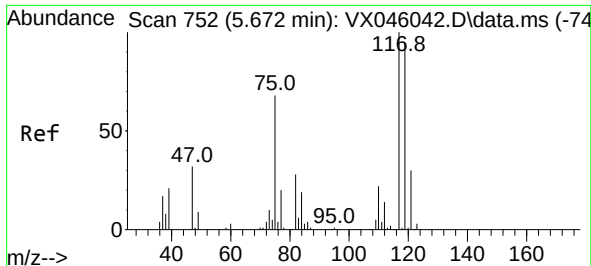


#37
Ethyl Acetate
Concen: 0.717 ug/l m
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27



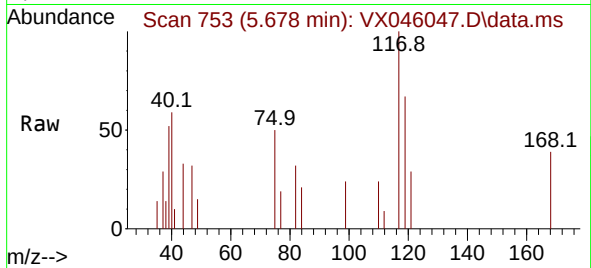
Tgt Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 1.0 7.9 11.9#





#38
Carbon Tetrachloride
Concen: 0.724 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

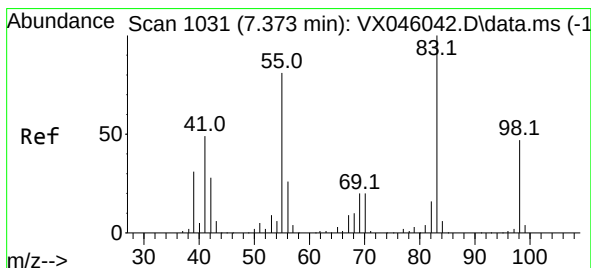
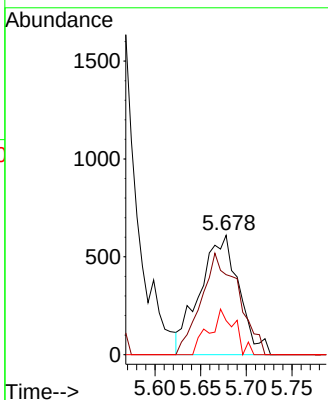
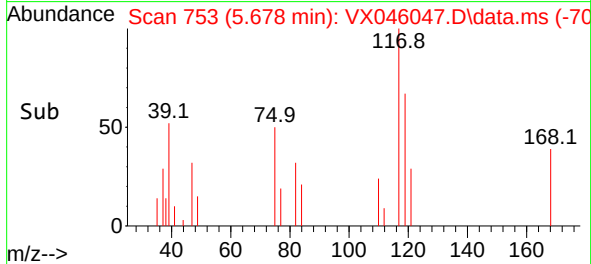
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 180
Ion Ratio Lower Upper
117 100
119 67.0 75.2 112.8
121 28.5 24.2 36.4

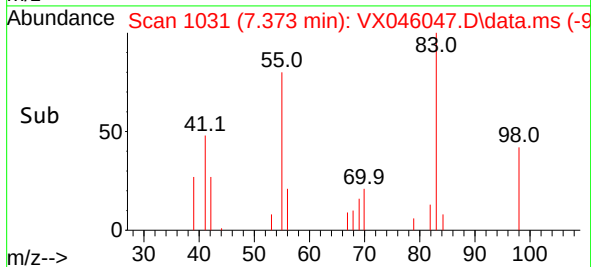
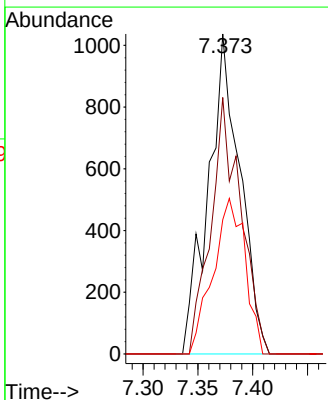
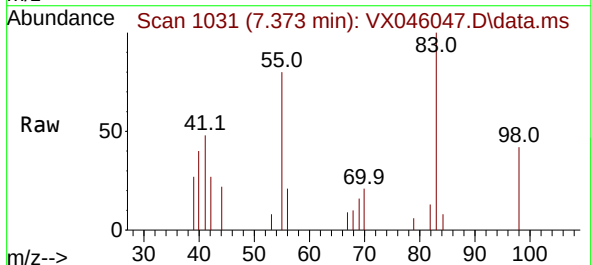
Manual Integrations
APPROVED

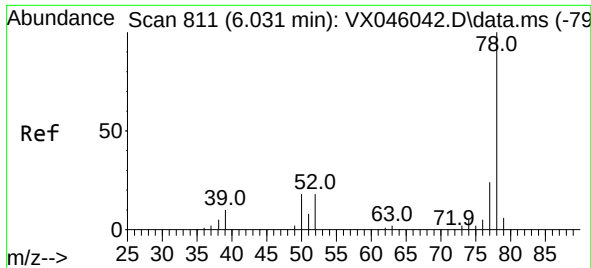
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#39
Methylcyclohexane
Concen: 0.770 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 83 Resp: 2096
Ion Ratio Lower Upper
83 100
55 80.1 64.7 97.1
98 41.9 37.4 56.2





#40

Benzene

Concen: 0.668 ug/l

RT: 6.044 min Scan# 811

Delta R.T. 0.012 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 450

Ion Ratio Lower Upper

78 100

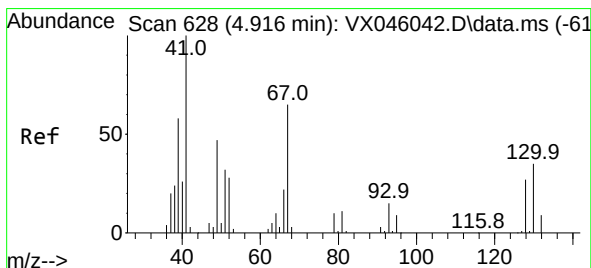
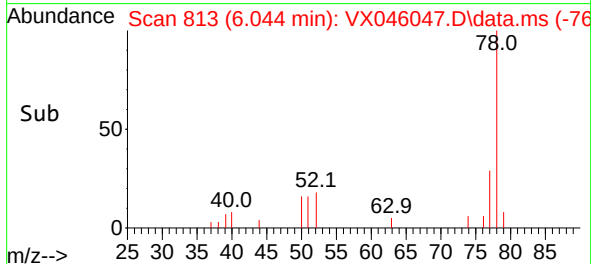
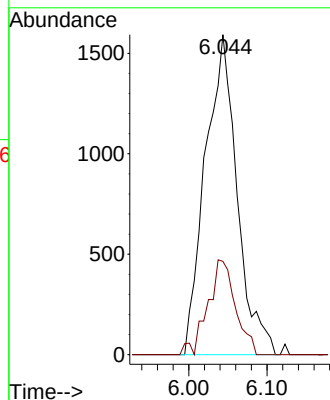
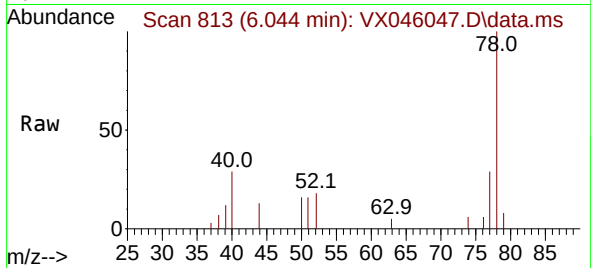
77 29.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#41

Methacrylonitrile

Concen: 0.513 ug/l

RT: 4.946 min Scan# 633

Delta R.T. 0.030 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Tgt Ion: 41 Resp: 778

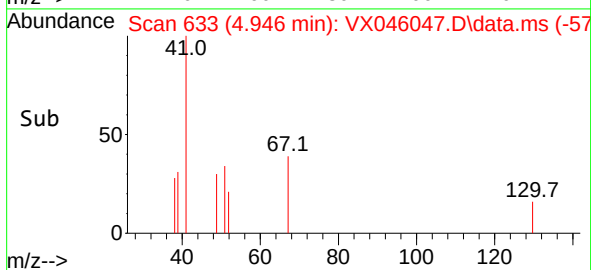
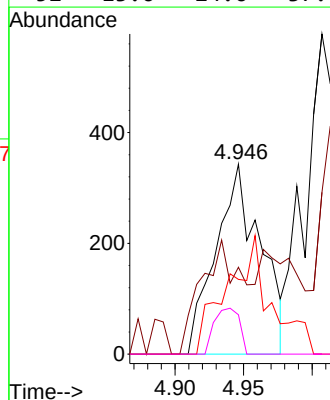
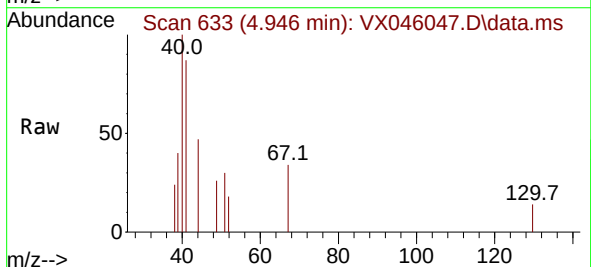
Ion Ratio Lower Upper

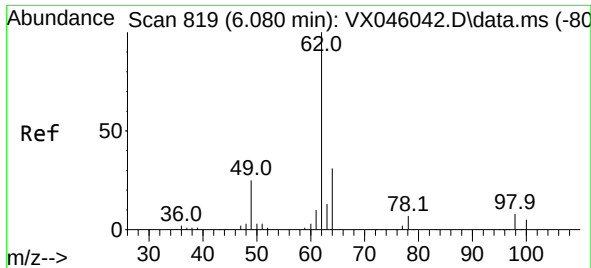
41 100

39 51.7 47.2 70.8

67 0.0 50.7 76.1

52 13.6 24.6 37.0





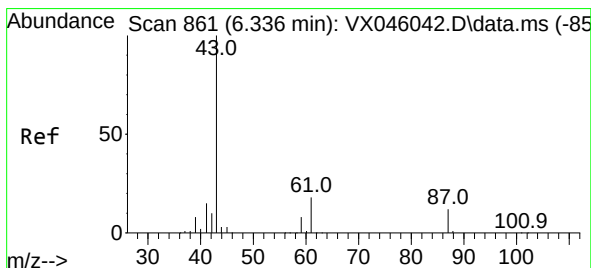
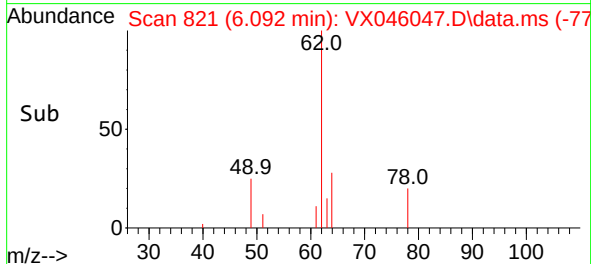
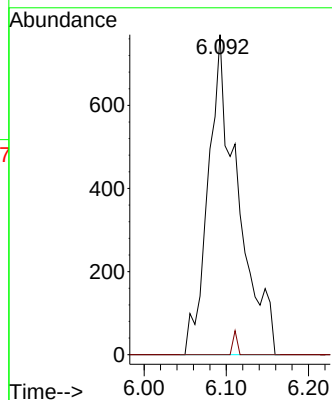
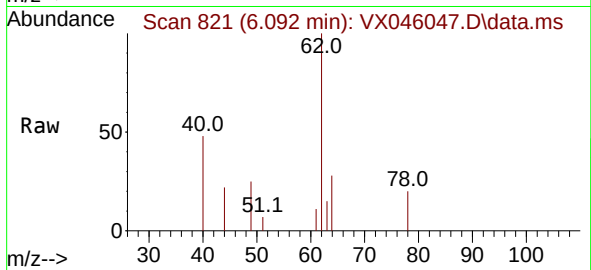
#42
1,2-Dichloroethane
Concen: 0.694 ug/l
RT: 6.092 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 1934
Ion Ratio Lower Upper
62 100
98 1.1 0.0 15.2

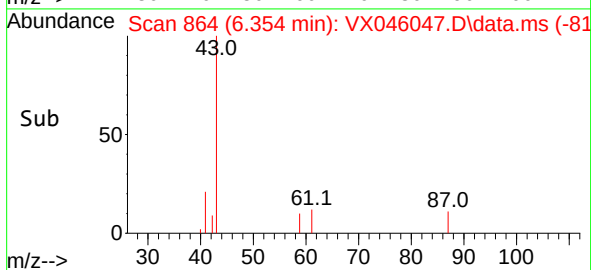
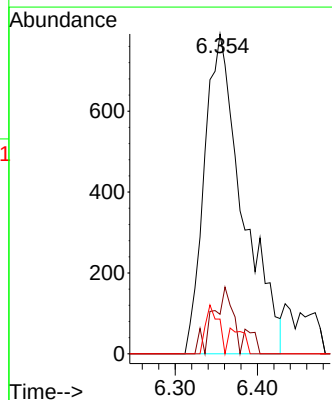
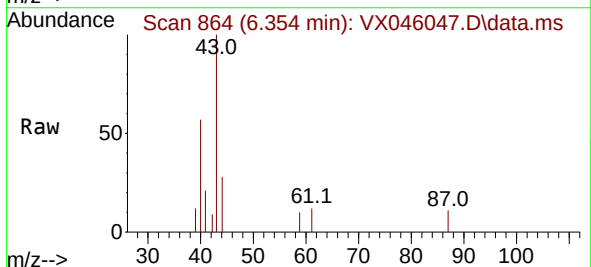
Manual Integrations
APPROVED

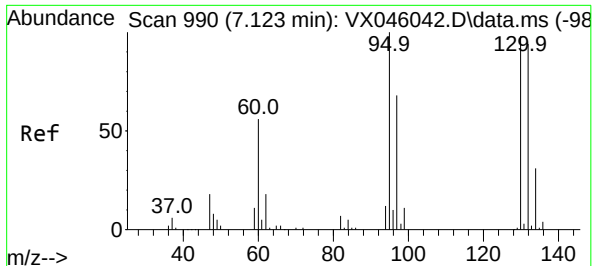
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#43
Isopropyl Acetate
Concen: 0.612 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

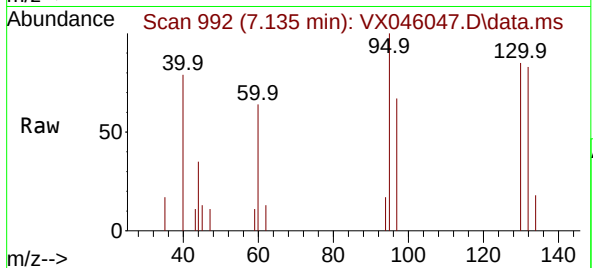
Tgt Ion: 43 Resp: 2553
Ion Ratio Lower Upper
43 100
61 10.7 14.3 21.5#
87 3.2 9.5 14.3#





#44
Trichloroethene
Concen: 0.680 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

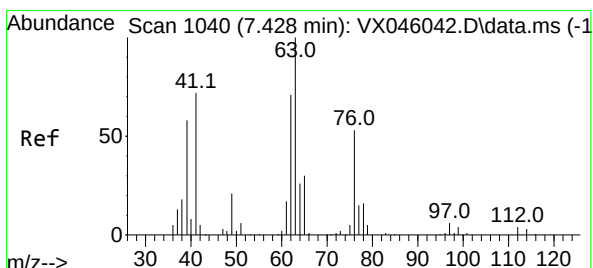
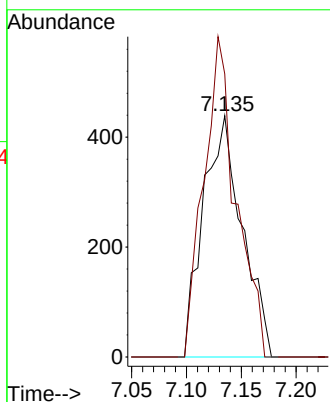
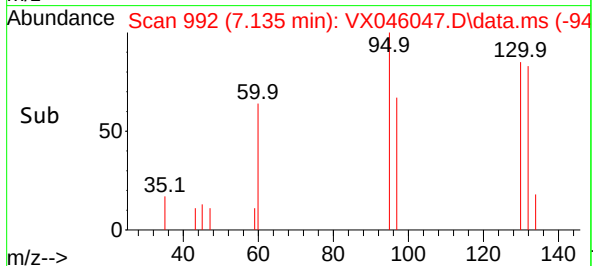
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



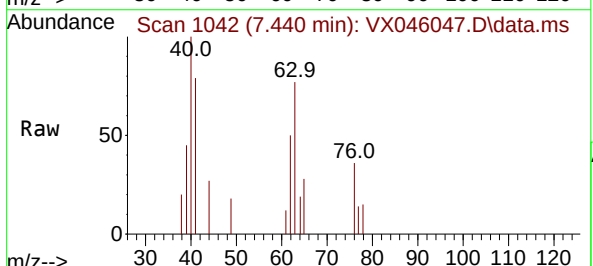
Tgt Ion:130 Resp: 1083
Ion Ratio Lower Upper
130 100
95 117.3 0.0 204.2

Manual Integrations
APPROVED

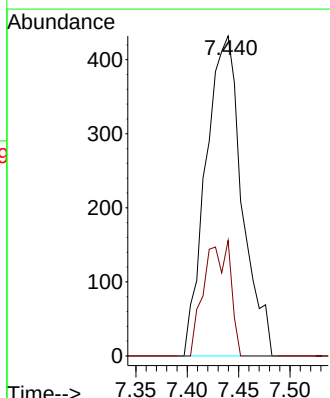
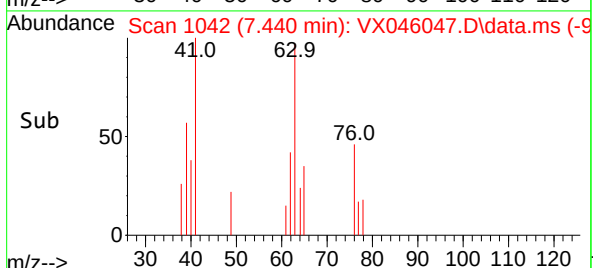
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

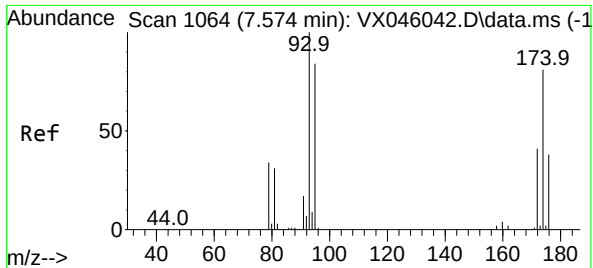


#45
1,2-Dichloropropane
Concen: 0.633 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27



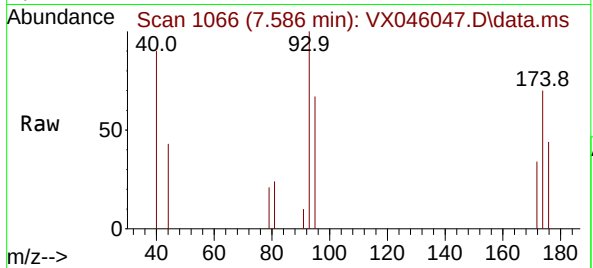
Tgt Ion: 63 Resp: 1059
Ion Ratio Lower Upper
63 100
65 36.1 24.1 36.1





#46
Dibromomethane
Concen: 0.667 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

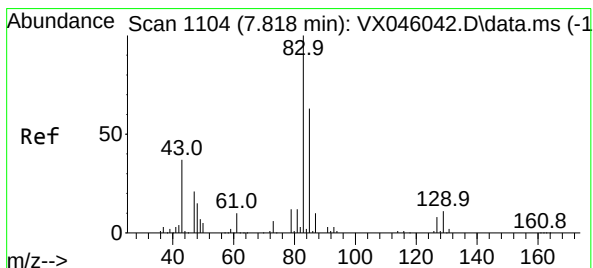
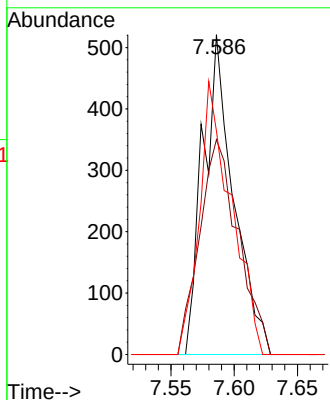
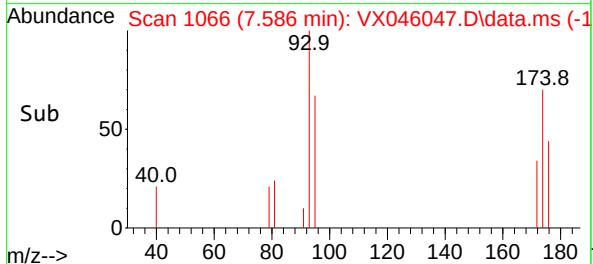
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



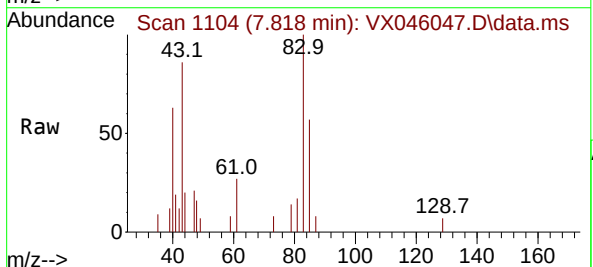
Tgt Ion: 93 Resp: 880
Ion Ratio Lower Upper
93 100
95 84.5 65.6 98.4
174 88.5 68.2 102.2

Manual Integrations
APPROVED

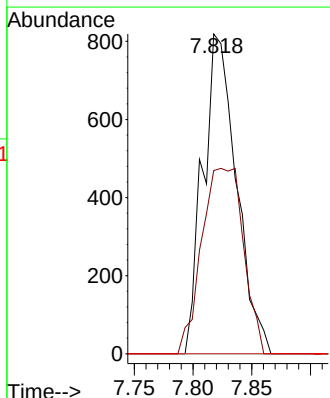
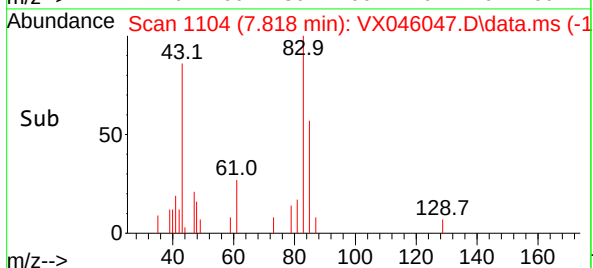
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

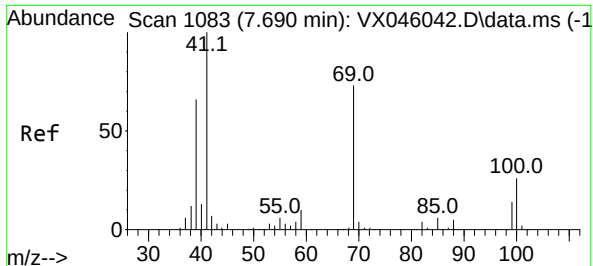


#47
Bromodichloromethane
Concen: 0.633 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27



Tgt Ion: 83 Resp: 1620
Ion Ratio Lower Upper
83 100
85 57.3 50.5 75.7
127 0.0 6.5 9.7#





#48

Methyl methacrylate

Concen: 0.577 ug/l

RT: 7.714 min Scan# 1083

Delta R.T. 0.024 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

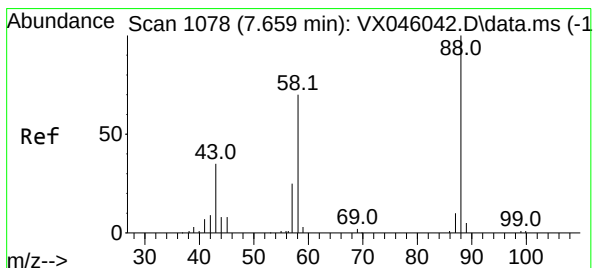
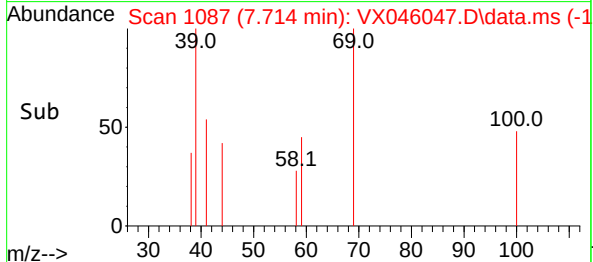
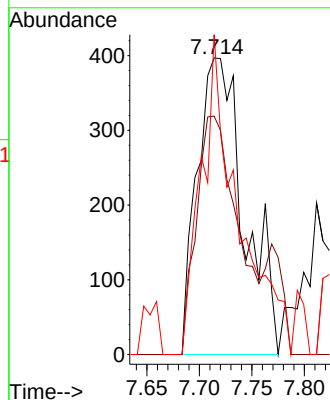
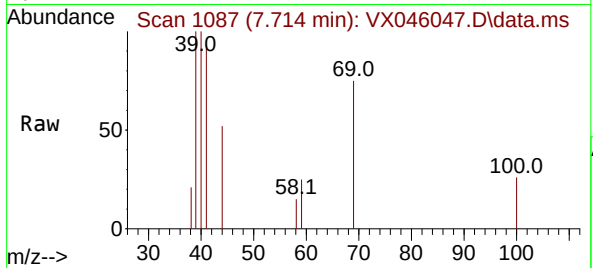
Tgt Ion: 41	Resp: 123
Ion Ratio	Lower Upper
41 100	
69 70.6	58.5 87.7
39 84.8	51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#49

1,4-Dioxane

Concen: 11.703 ug/l

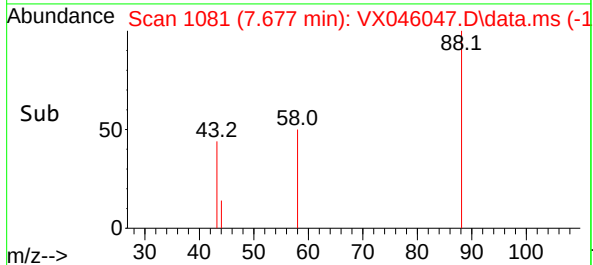
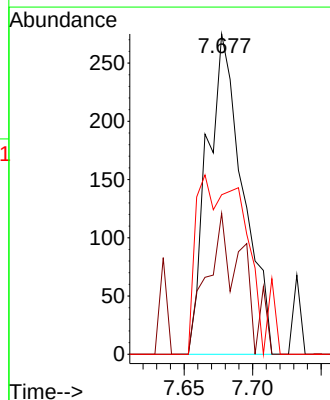
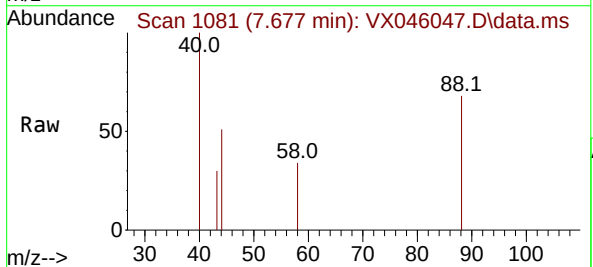
RT: 7.677 min Scan# 1081

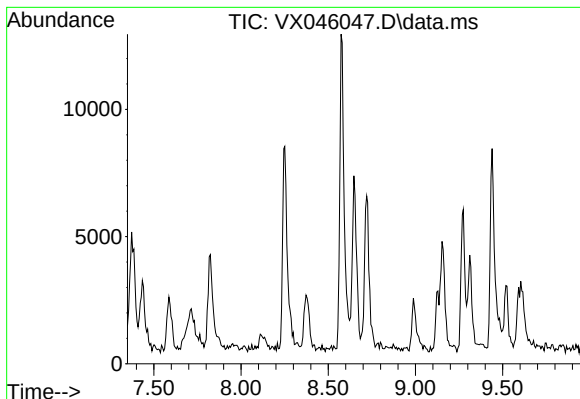
Delta R.T. 0.018 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Tgt Ion: 88	Resp: 498
Ion Ratio	Lower Upper
88 100	
43 44.4	33.4 50.2
58 30.3	58.6 88.0





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

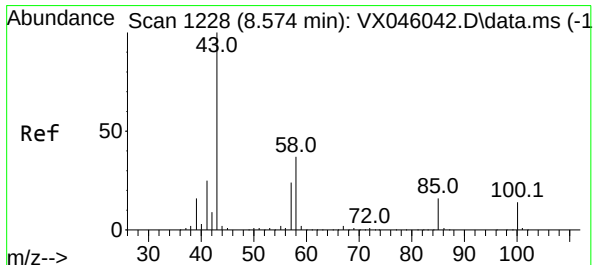
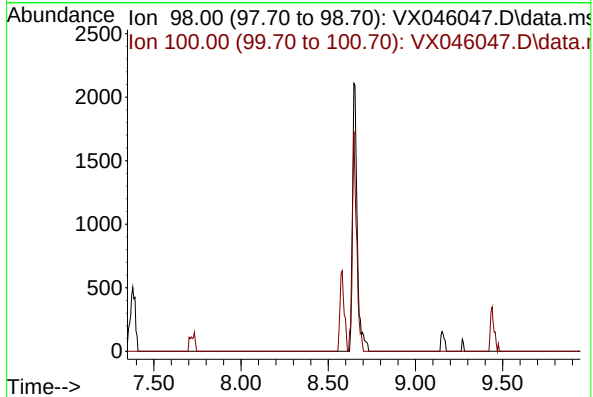
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.9

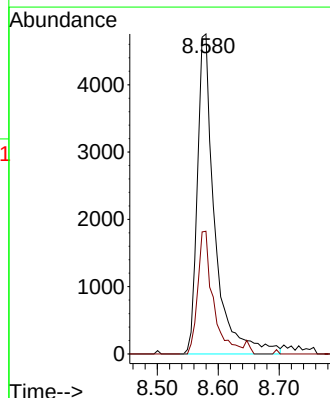
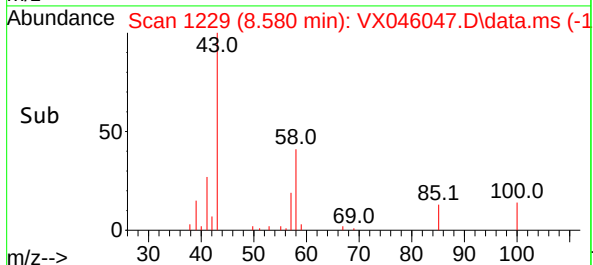
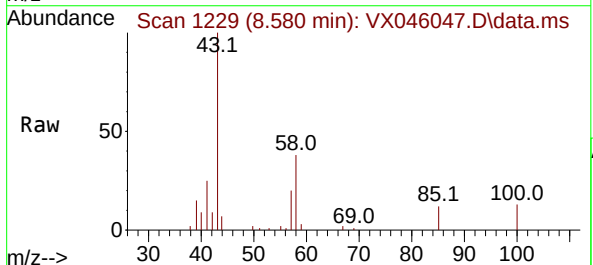
Manual Integrations
APPROVED

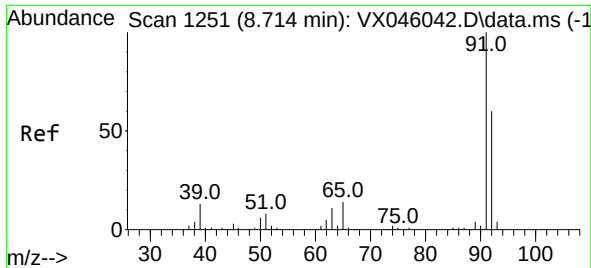
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#51
4-Methyl-2-Pentanone
Concen: 3.430 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

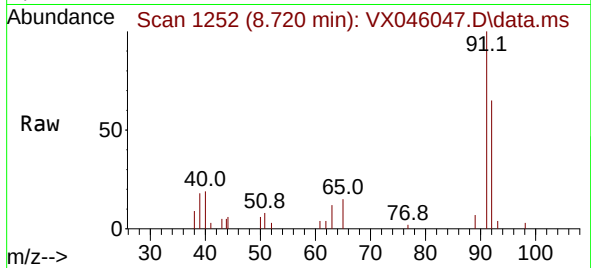
Tgt Ion: 43 Resp: 9378
Ion Ratio Lower Upper
43 100
58 34.4 28.9 43.3





#52
Toluene
Concen: 0.672 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

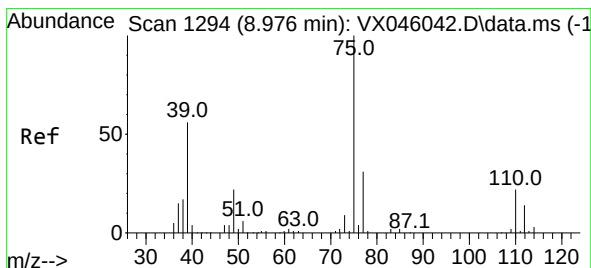
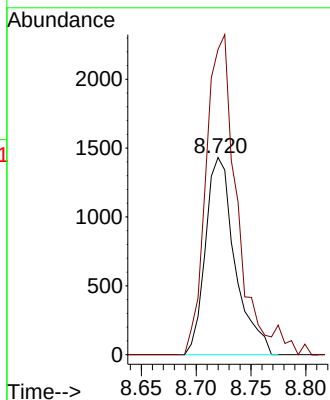
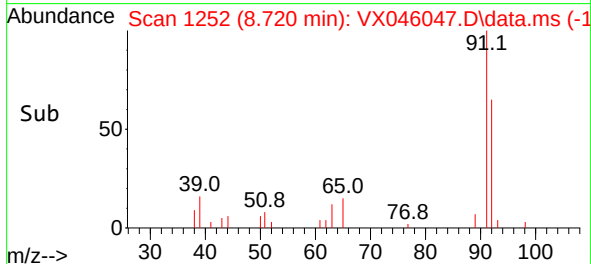
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



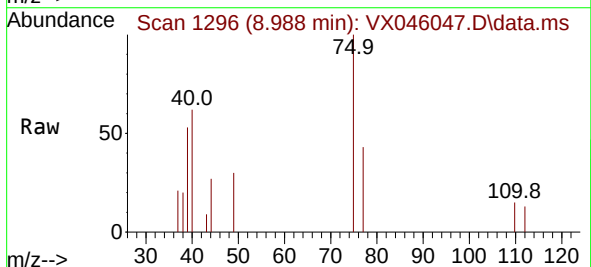
Tgt Ion: 92 Resp: 2684
Ion Ratio Lower Upper
92 100
91 165.7 136.6 205.0

Manual Integrations
APPROVED

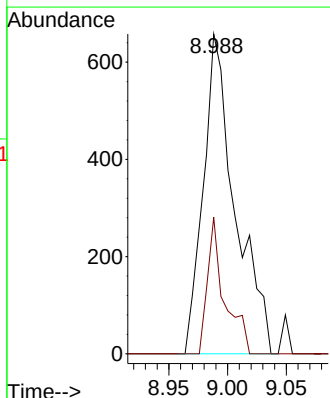
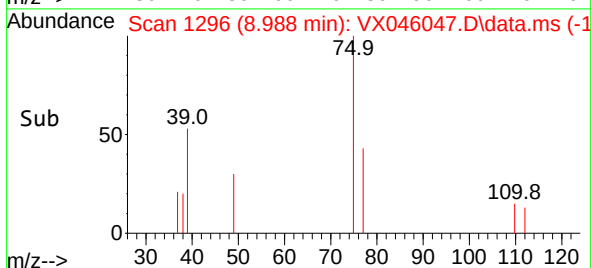
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

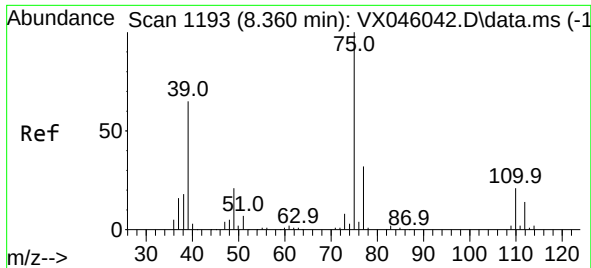


#53
t-1,3-Dichloropropene
Concen: 0.576 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27



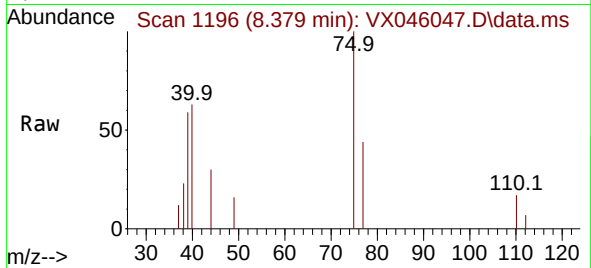
Tgt Ion: 75 Resp: 1238
Ion Ratio Lower Upper
75 100
77 42.7 25.0 37.6#





#54
 cis-1,3-Dichloropropene
 Concen: 0.564 ug/l
 RT: 8.379 min Scan# 1196
 Delta R.T. 0.018 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

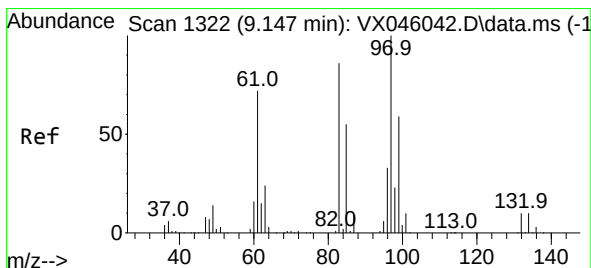
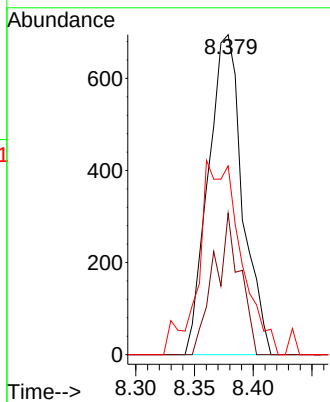
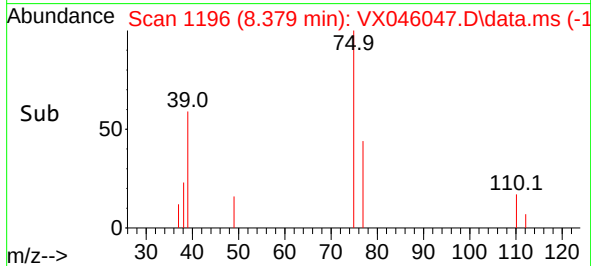
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 1414
 Ion Ratio Lower Upper
 75 100
 77 44.2 25.4 38.0
 39 59.0 52.2 78.4

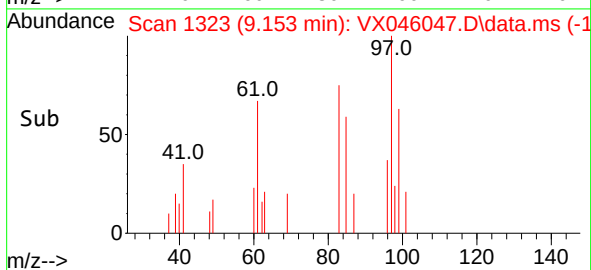
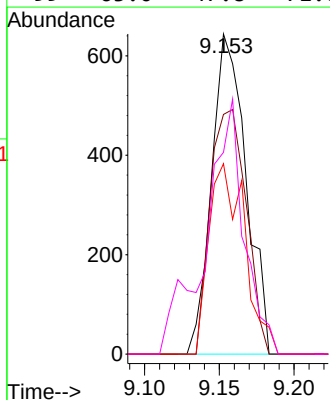
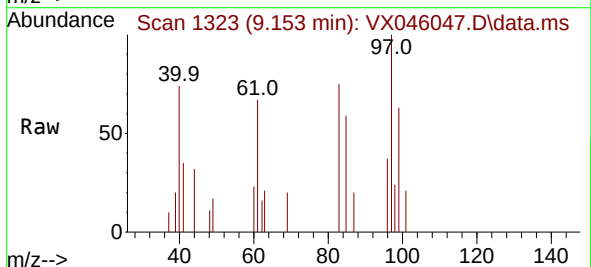
Manual Integrations
 APPROVED

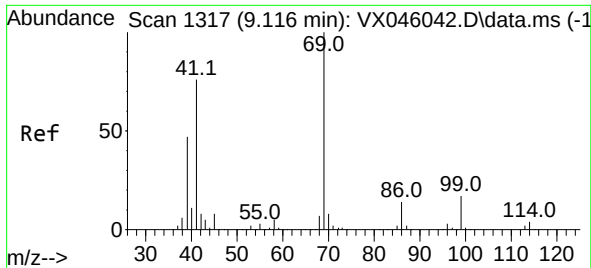
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#55
 1,1,2-Trichloroethane
 Concen: 0.637 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Tgt Ion: 97 Resp: 1029
 Ion Ratio Lower Upper
 97 100
 83 74.8 69.0 103.6
 85 59.5 44.3 66.5
 99 63.0 47.8 71.6





#56
Ethyl methacrylate
Concen: 0.504 ug/l
RT: 9.128 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

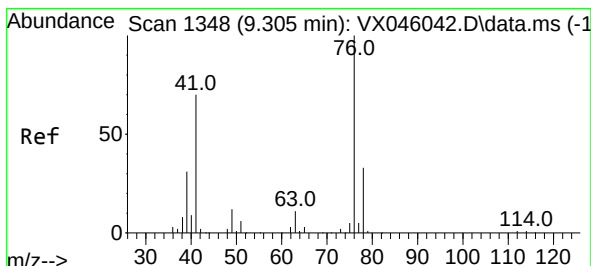
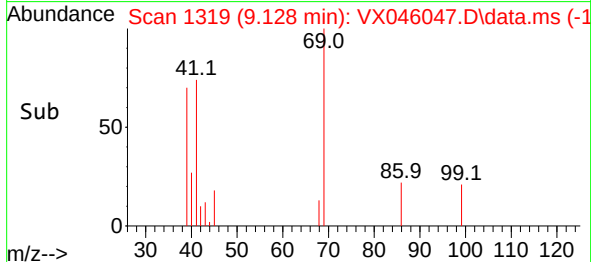
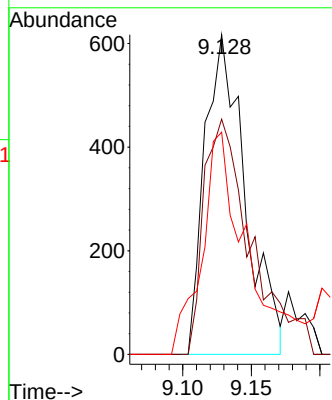
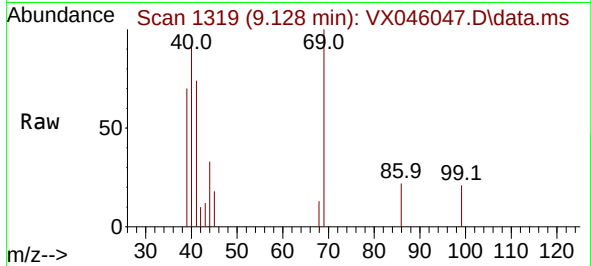
VSTDICC001

Tgt Ion: 69 Resp: 1260
Ion Ratio Lower Upper
69 100
41 86.6 60.8 91.2
39 78.0 39.0 58.6

Manual Integrations

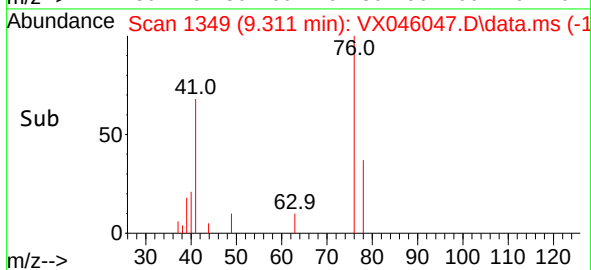
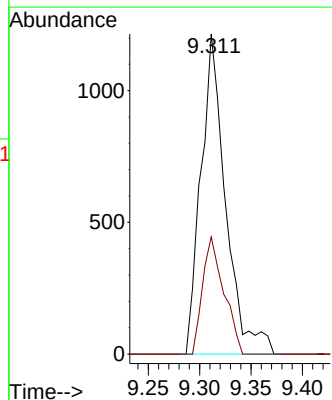
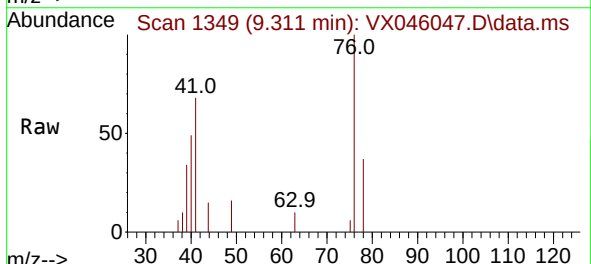
APPROVED

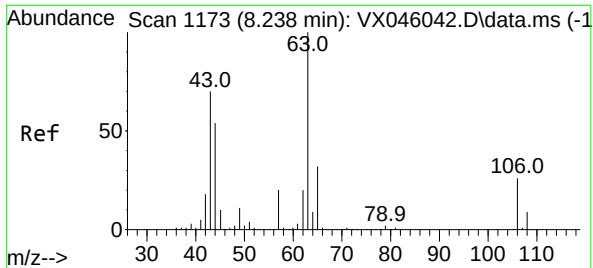
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#57
1,3-Dichloropropane
Concen: 0.711 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 76 Resp: 2036
Ion Ratio Lower Upper
76 100
78 31.4 26.3 39.5





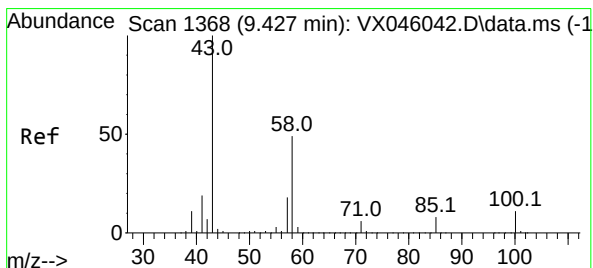
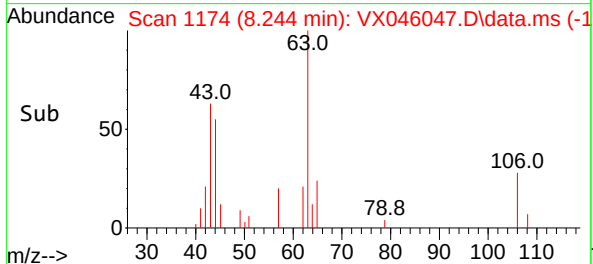
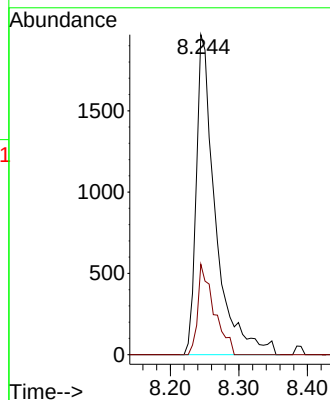
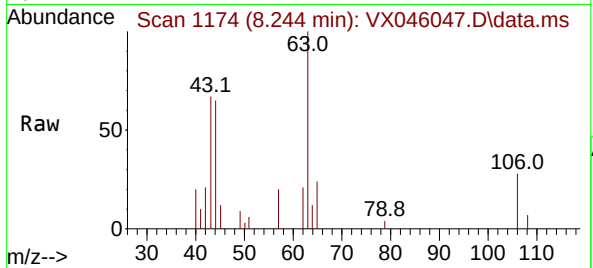
#58
2-Chloroethyl Vinyl ether
Concen: 3.420 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 3840
Ion Ratio Lower Upper
63 100
106 24.0 21.5 32.3

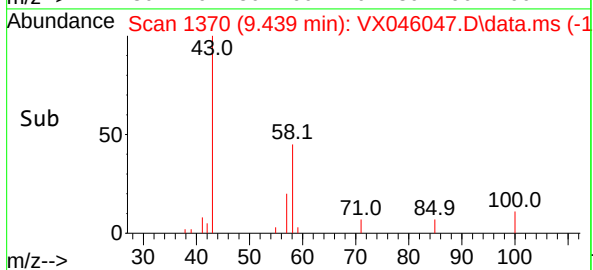
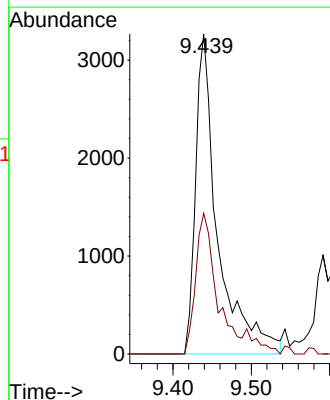
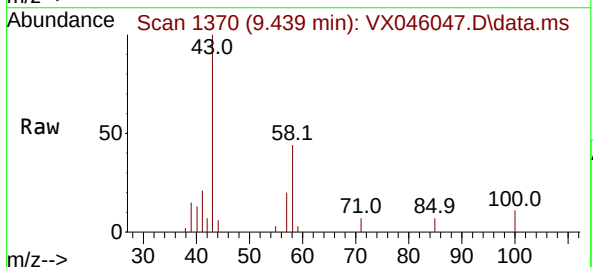
Manual Integrations
APPROVED

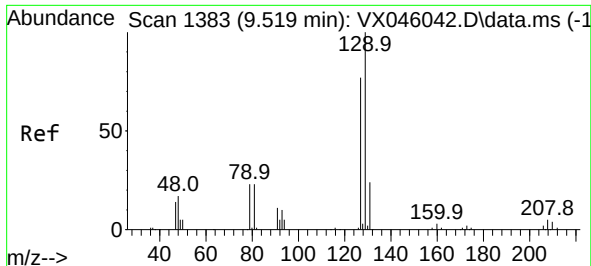
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#59
2-Hexanone
Concen: 3.096 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

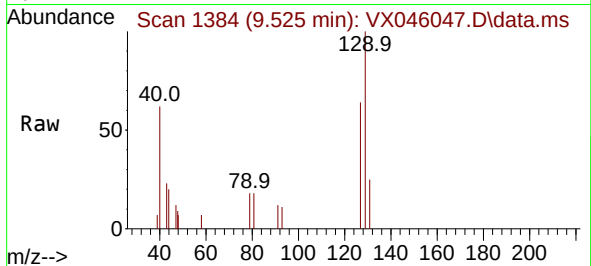
Tgt Ion: 43 Resp: 6424
Ion Ratio Lower Upper
43 100
58 41.6 24.9 74.6





#60
Dibromochloromethane
Concen: 0.582 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

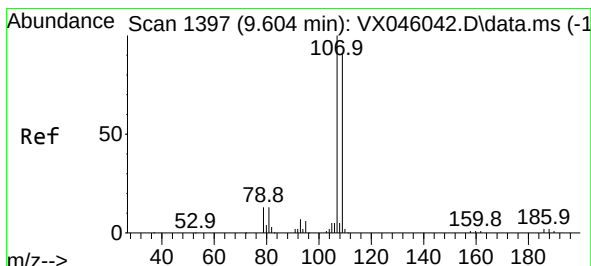
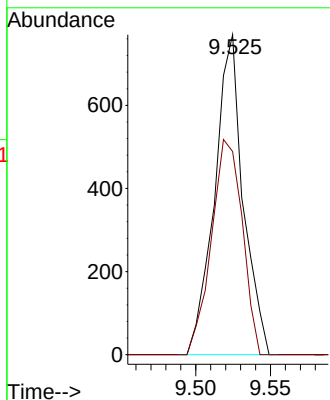
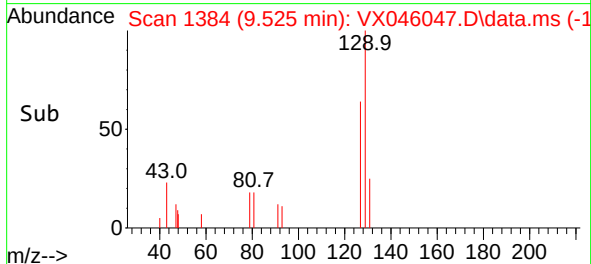
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



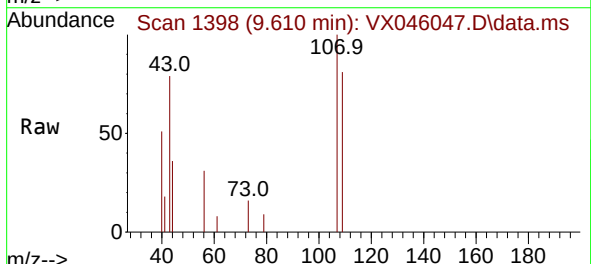
Tgt Ion:129 Resp: 102
Ion Ratio Lower Upper
129 100
127 72.5 39.3 117.8

Manual Integrations
APPROVED

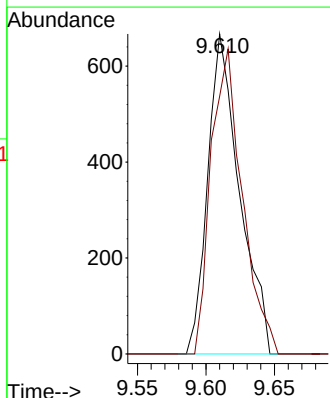
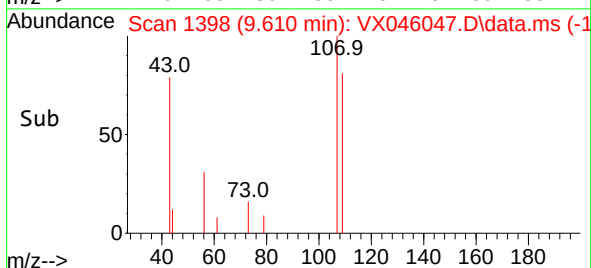
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

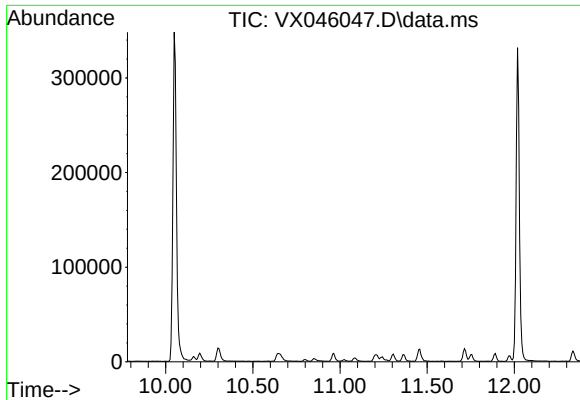


#61
1,2-Dibromoethane
Concen: 0.650 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27



Tgt Ion:107 Resp: 1077
Ion Ratio Lower Upper
107 100
109 94.0 73.3 109.9





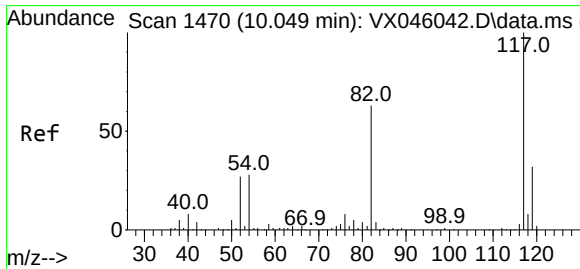
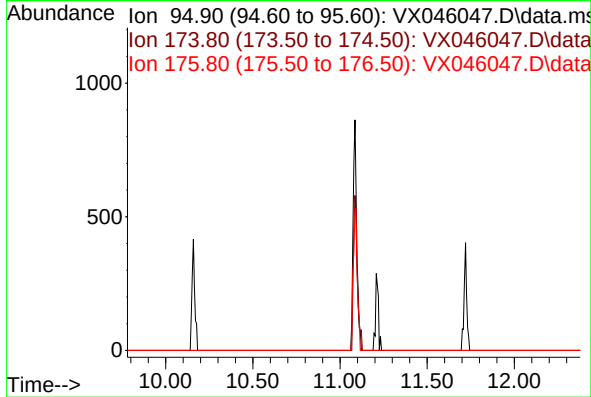
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.08 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 67.9
 176 65.7

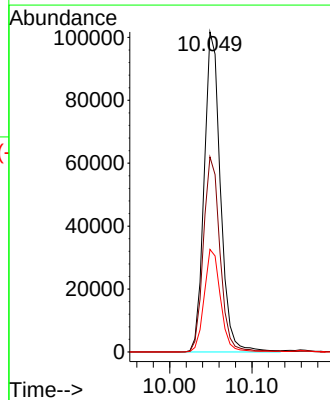
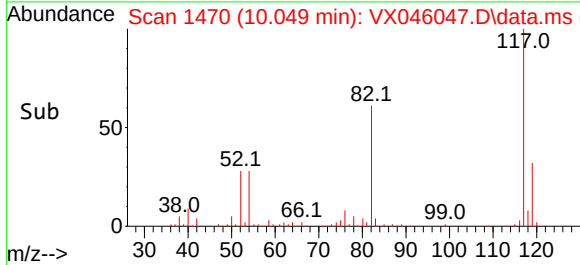
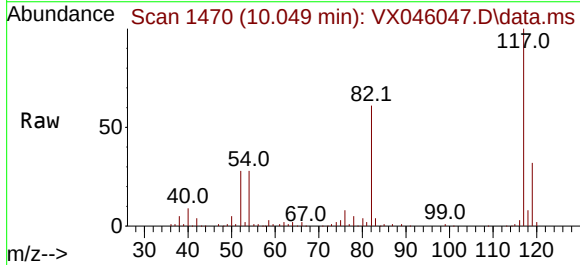
Manual Integrations
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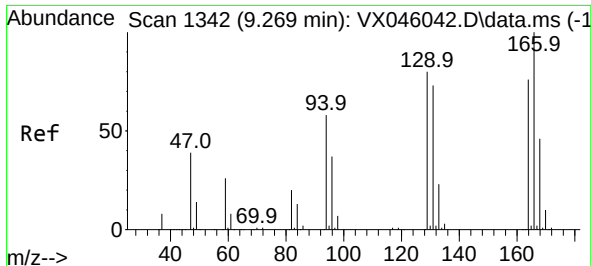
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.049 min Scan# 1470
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

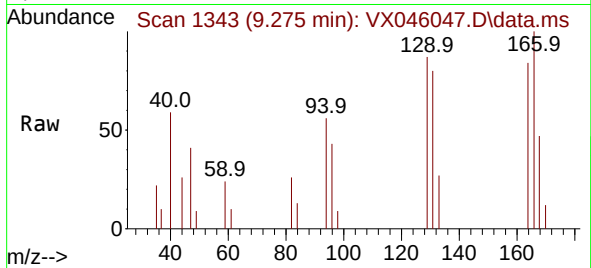
Tgt Ion:117 Resp: 140108
 Ion Ratio Lower Upper
 117 100
 82 61.0 50.6 76.0
 119 32.1 25.8 38.6





#64
Tetrachloroethene
Concen: 0.679 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

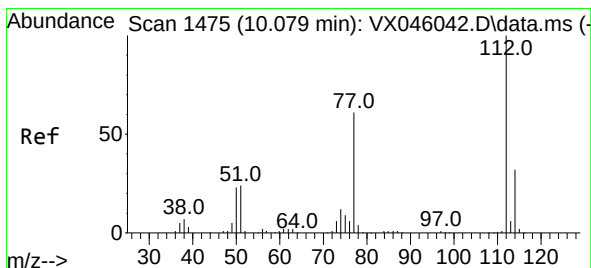
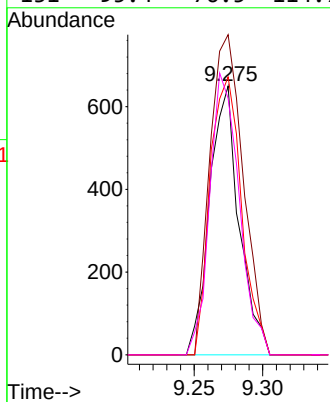
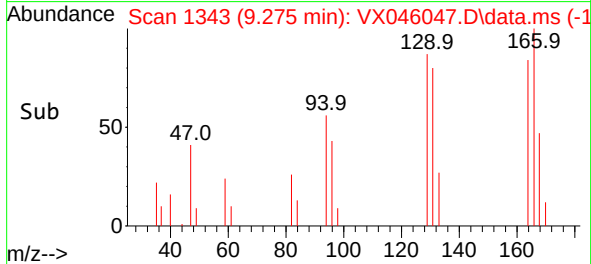
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 972
Ion Ratio Lower Upper
164 100
166 119.1 105.0 157.6
129 103.4 83.5 125.3
131 95.4 76.5 114.7

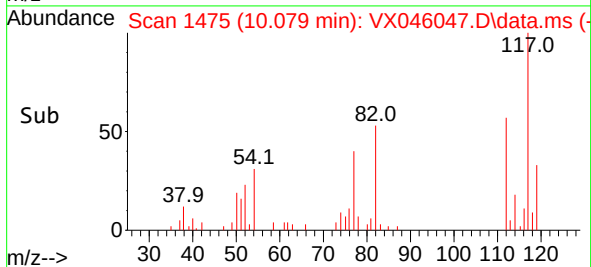
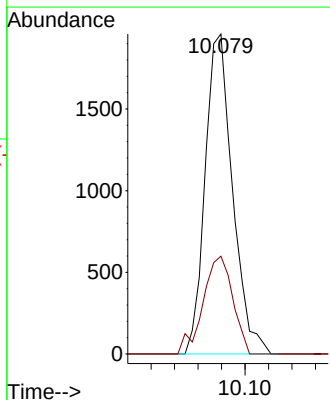
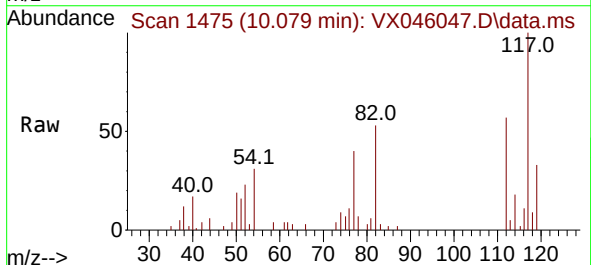
Manual Integrations
APPROVED

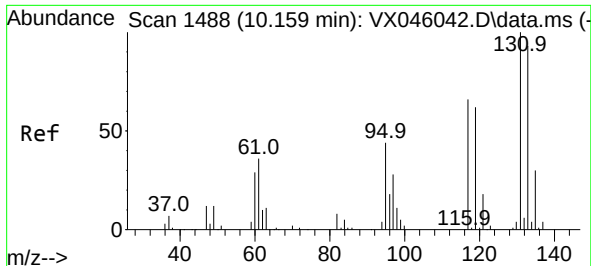
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#65
Chlorobenzene
Concen: 0.735 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

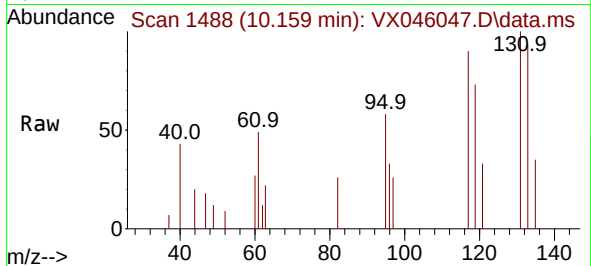
Tgt Ion:112 Resp: 3170
Ion Ratio Lower Upper
112 100
114 30.6 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 0.720 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

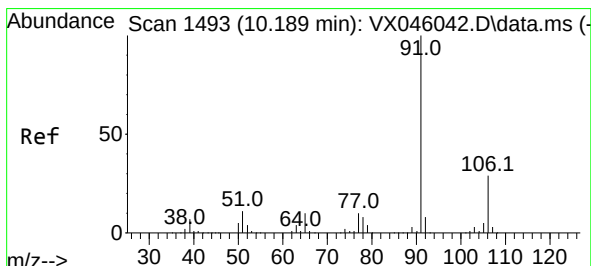
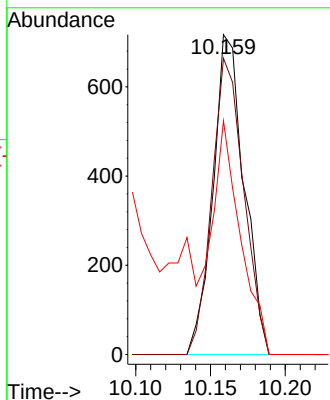
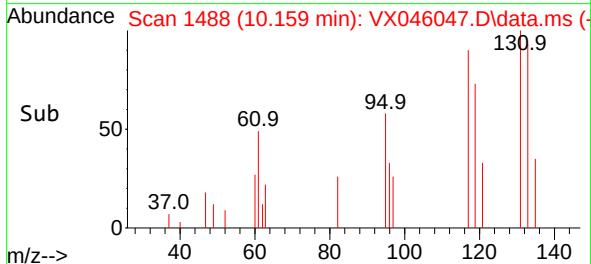
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 1035
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 0.0 31.6 95.0

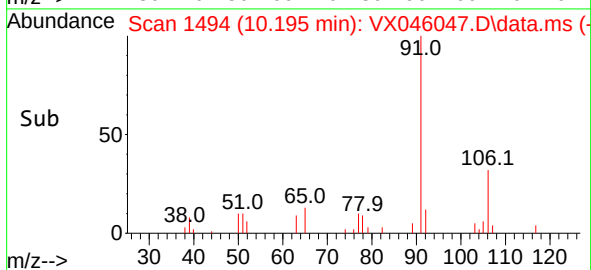
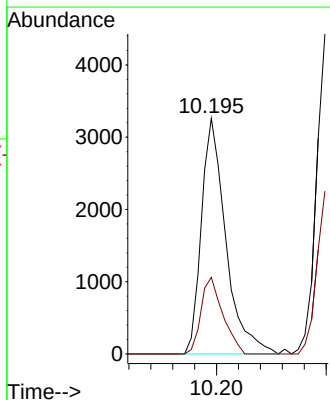
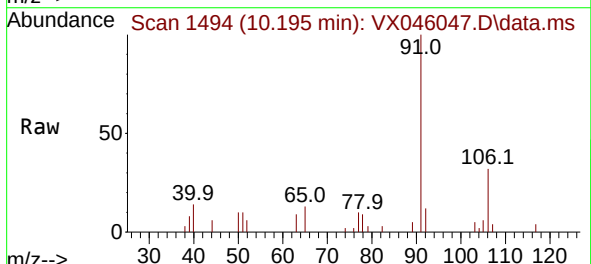
Manual Integrations
APPROVED

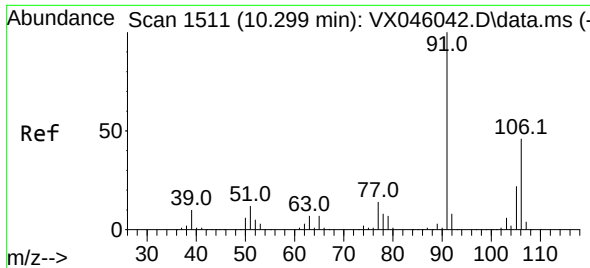
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#67
Ethyl Benzene
Concen: 0.687 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 91 Resp: 5052
Ion Ratio Lower Upper
91 100
106 32.5 23.4 35.2





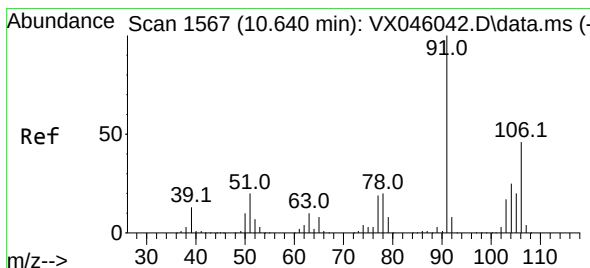
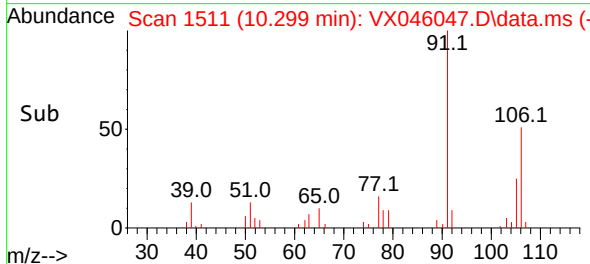
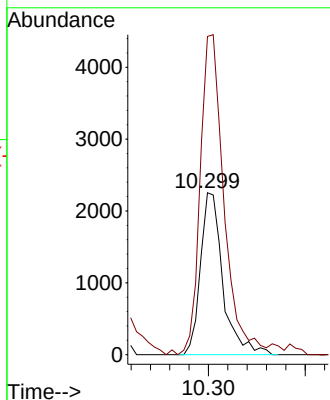
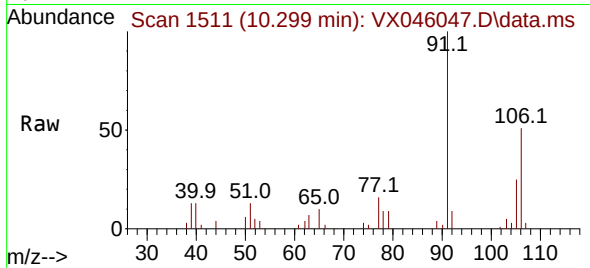
#68
m/p-Xylenes
Concen: 1.367 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 3630
Ion Ratio Lower Upper
106 100
91 209.8 171.2 256.8

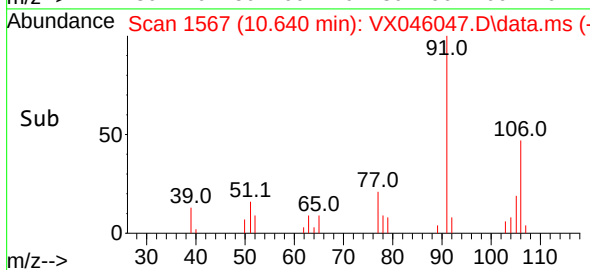
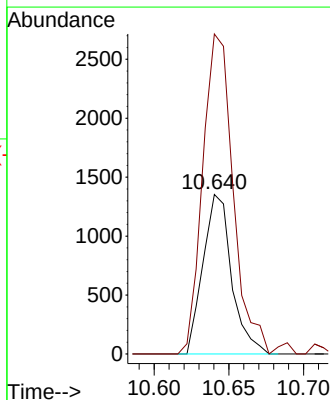
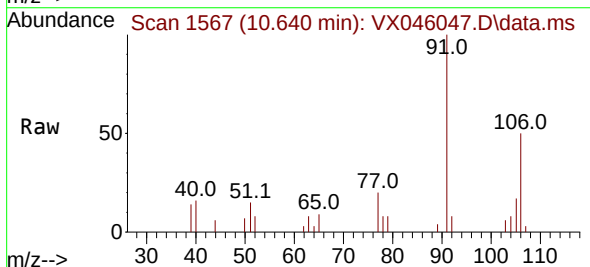
Manual Integrations
APPROVED

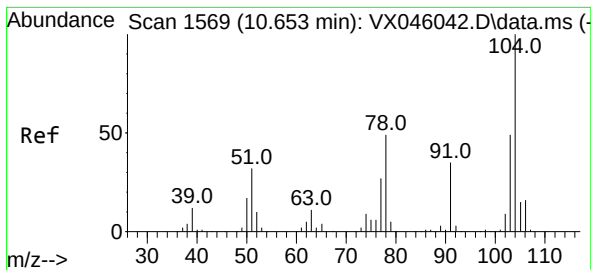
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#69
o-Xylene
Concen: 0.672 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:106 Resp: 1799
Ion Ratio Lower Upper
106 100
91 214.9 112.7 338.1





#70

Styrene

Concen: 0.622 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

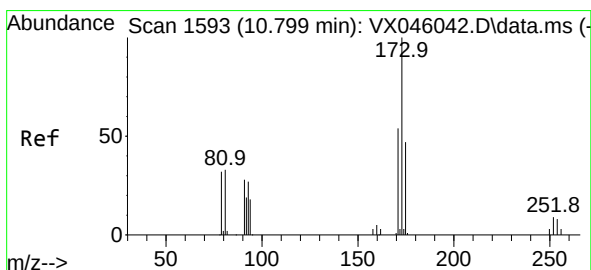
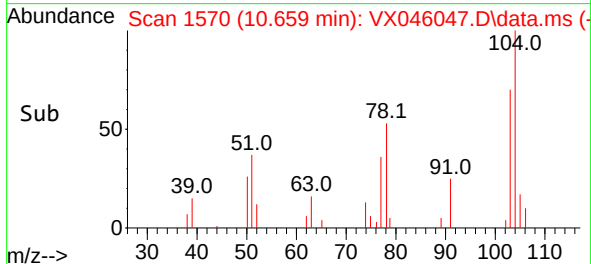
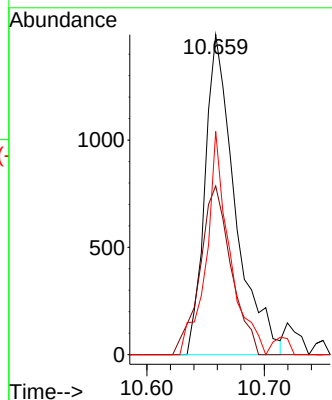
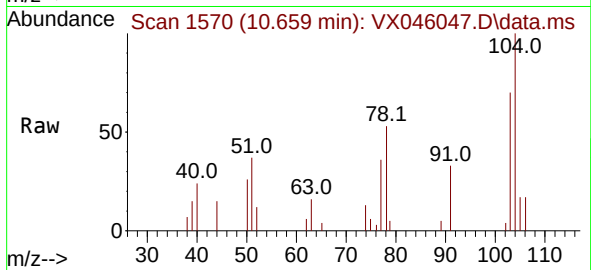
Tgt Ion:104	Resp:	266
Ion Ratio	Lower	Upper
104	100	
78	54.3	45.7 68.5
103	53.9	43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#71

Bromoform

Concen: 0.608 ug/l

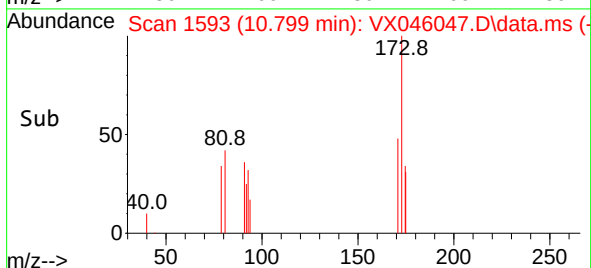
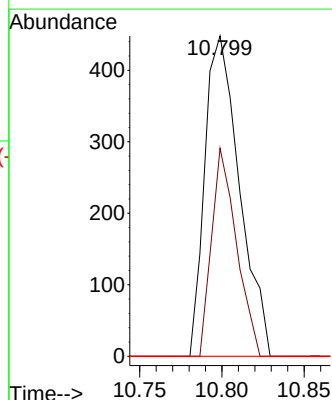
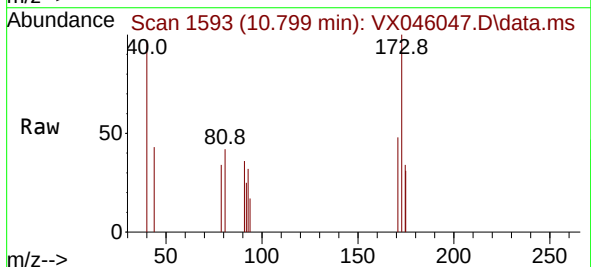
RT: 10.799 min Scan# 1593

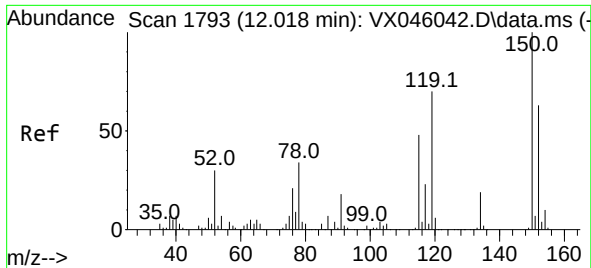
Delta R.T. -0.000 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

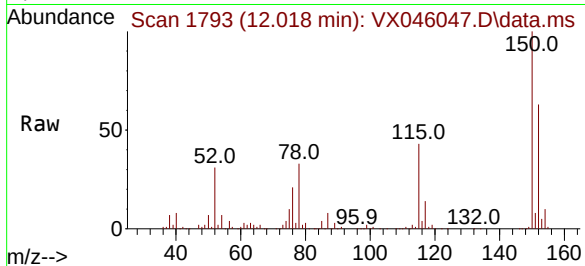
Tgt Ion:173	Resp:	657
Ion Ratio	Lower	Upper
173	100	
175	46.6	23.4 70.0
254	0.0	0.0 0.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

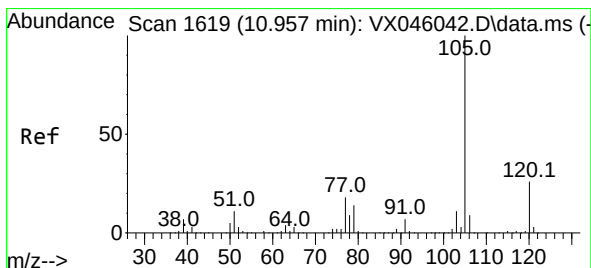
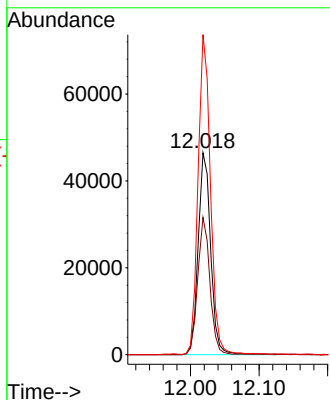
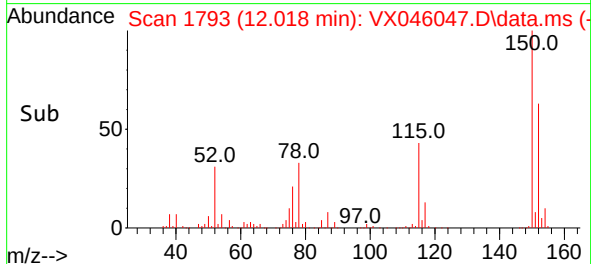
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



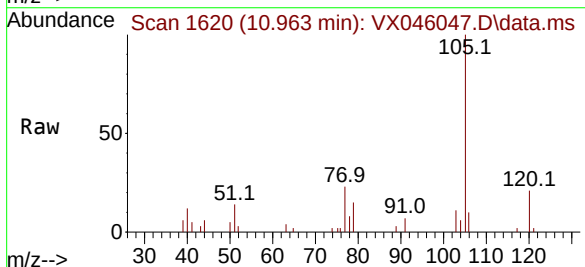
Tgt Ion:152 Resp: 5912
 Ion Ratio Lower Upper
 152 100
 115 66.6 46.9 140.7
 150 156.3 0.0 351.0

Manual Integrations
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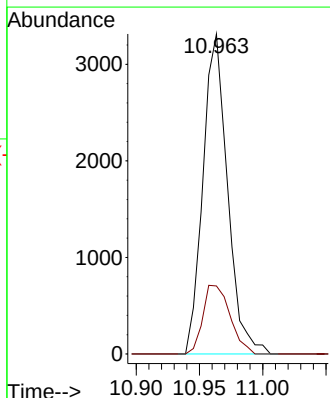
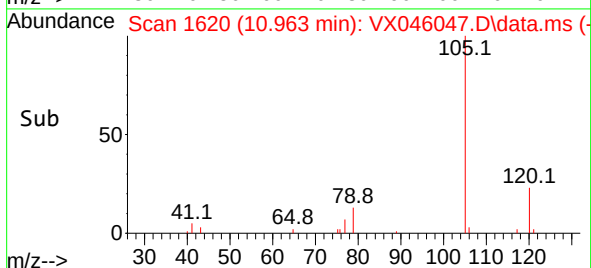
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

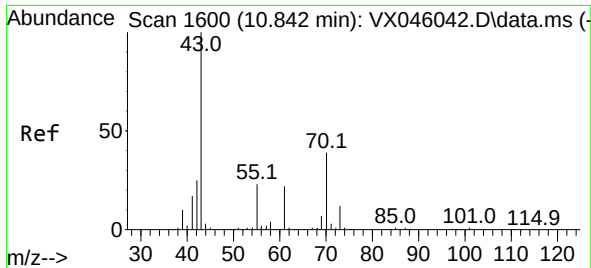


#73
 Isopropylbenzene
 Concen: 0.695 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.006 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27



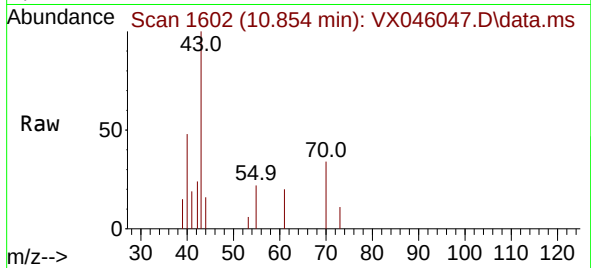
Tgt Ion:105 Resp: 4480
 Ion Ratio Lower Upper
 105 100
 120 23.7 12.8 38.4





#74
N-amy1 acetate
Concen: 0.631 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

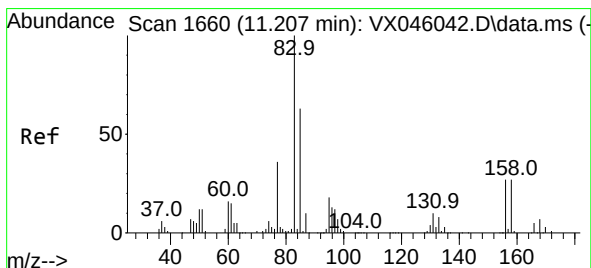
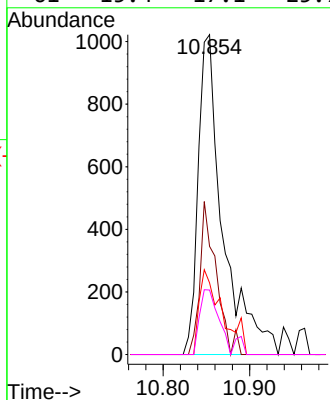
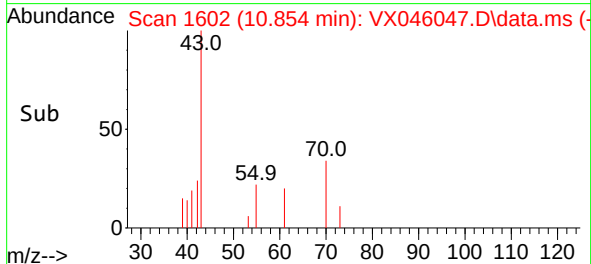
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



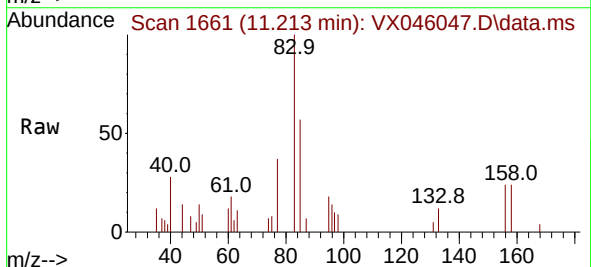
Tgt Ion: 43 Resp: 2028
Ion Ratio Lower Upper
43 100
70 31.5 30.9 46.3
55 24.5 18.7 28.1
61 15.4 17.1 25.7#

Manual Integrations
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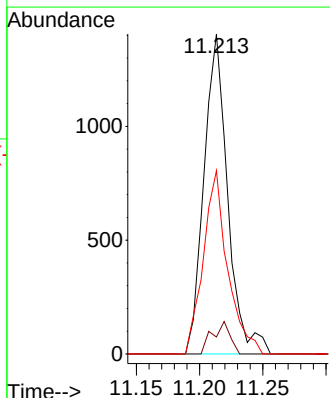
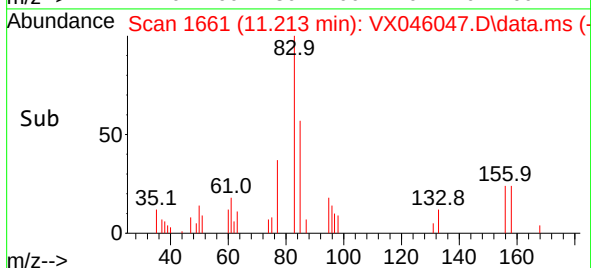
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

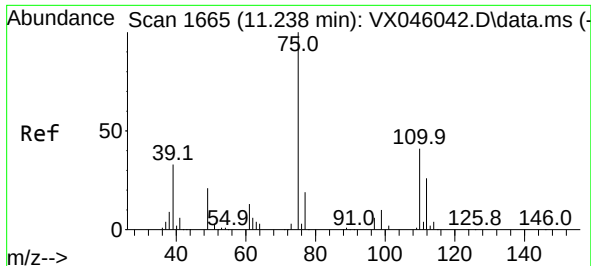


#75
1,1,2,2-Tetrachloroethane
Concen: 0.800 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27



Tgt Ion: 83 Resp: 1835
Ion Ratio Lower Upper
83 100
131 7.5 5.0 14.9
85 58.7 31.9 95.7





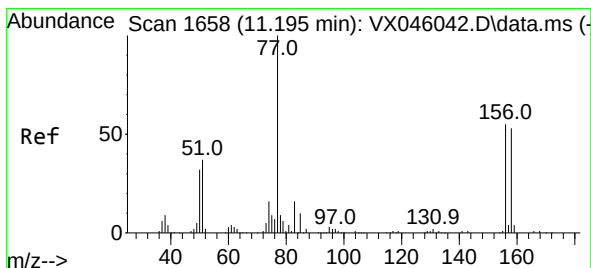
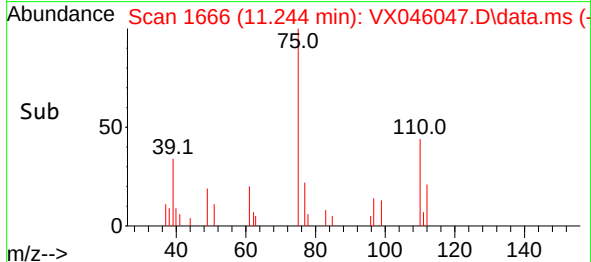
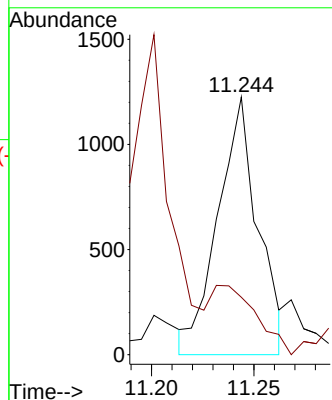
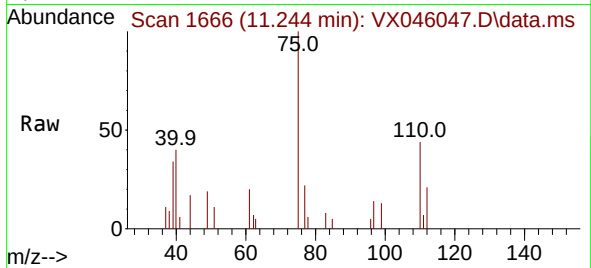
#76
1,2,3-Trichloropropane
Concen: 0.674 ug/l m
RT: 11.244 min Scan# 1665
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 1665
Ion Ratio Lower Upper
75 100
77 29.7 20.5 61.5

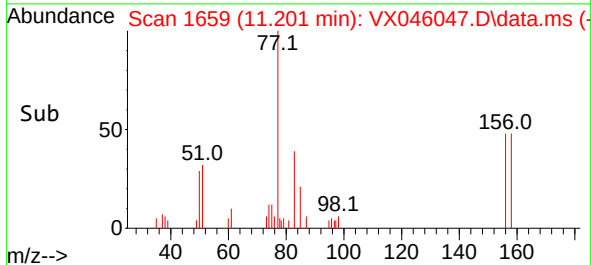
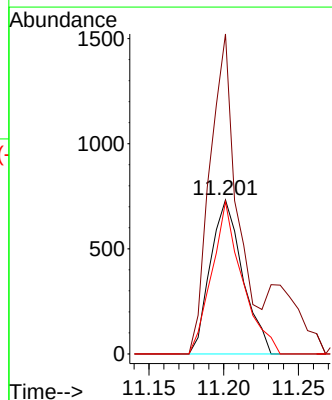
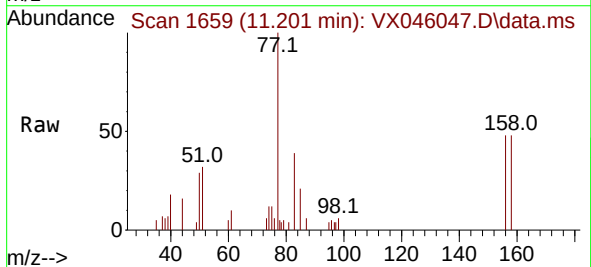
Manual Integrations
APPROVED

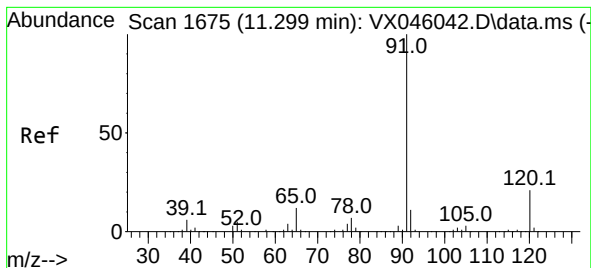
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#77
Bromobenzene
Concen: 0.734 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:156 Resp: 1095
Ion Ratio Lower Upper
156 100
77 179.5 92.8 278.3
158 93.5 48.8 146.3





#78

n-propylbenzene

Concen: 0.699 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 5052

Ion Ratio Lower Upper

91 100

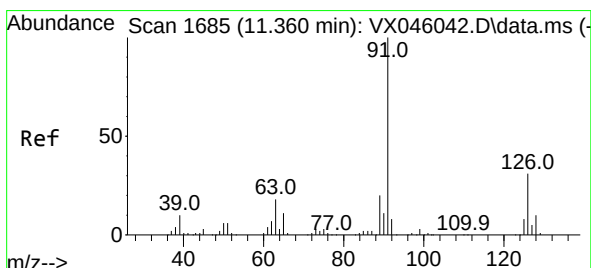
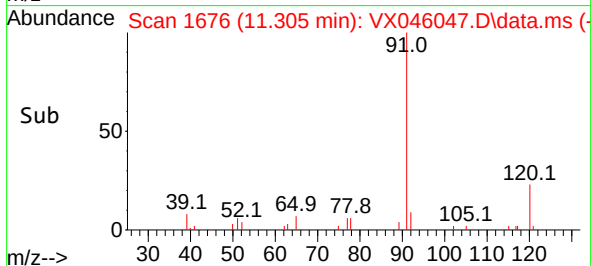
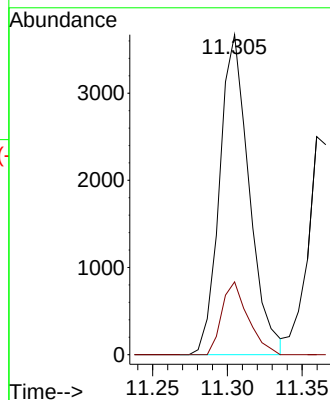
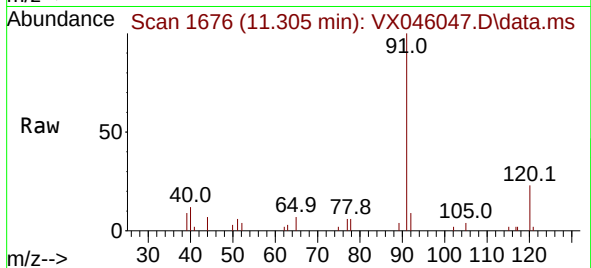
120 20.1 10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#79

2-Chlorotoluene

Concen: 0.773 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX046047.D

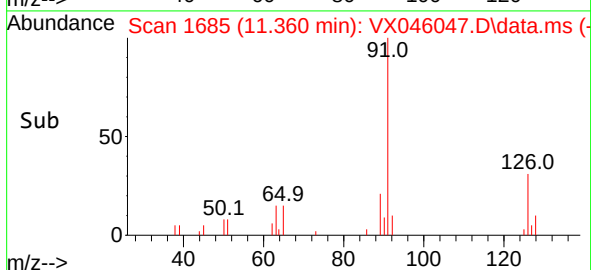
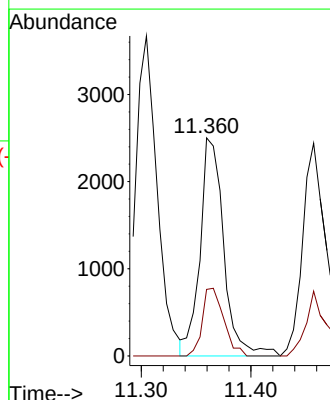
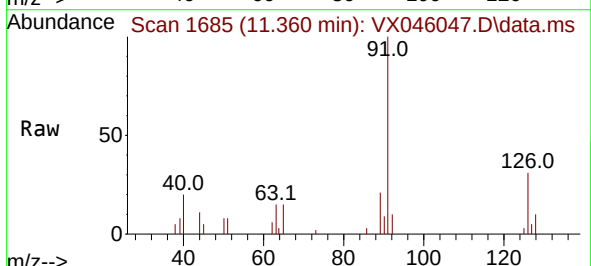
Acq: 05 May 2025 16:27

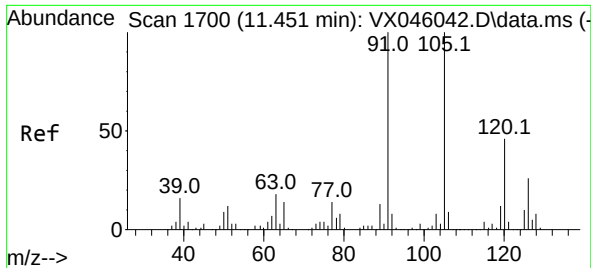
Tgt Ion: 91 Resp: 3765

Ion Ratio Lower Upper

91 100

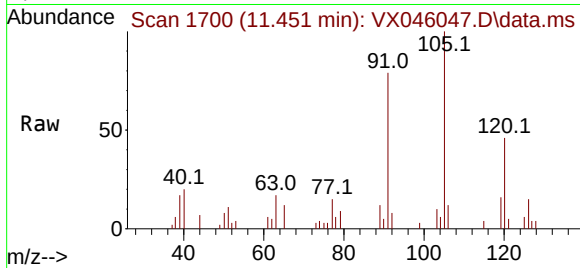
126 28.0 15.6 46.7





#80
1,3,5-Trimethylbenzene
Concen: 0.671 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

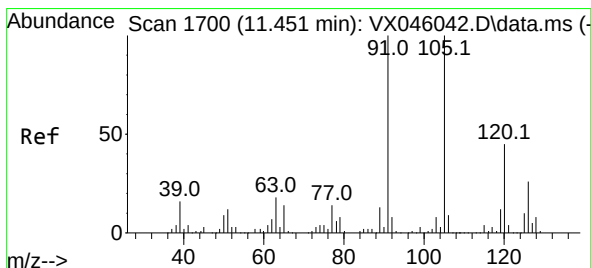
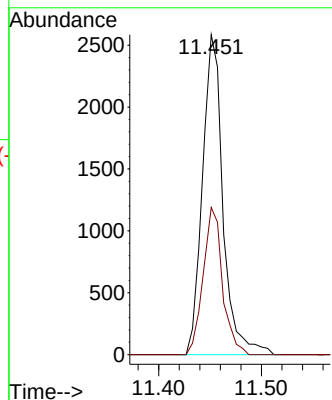
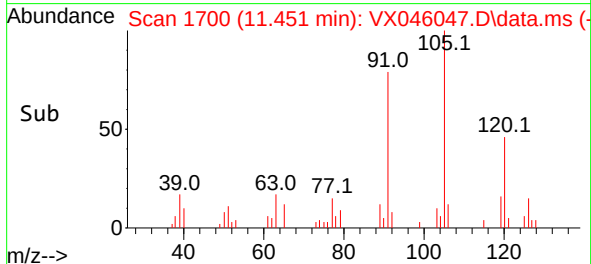
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



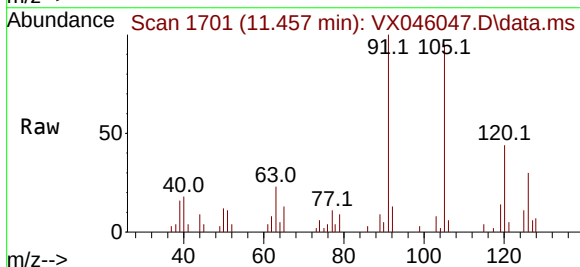
Tgt Ion:105 Resp: 3590
Ion Ratio Lower Upper
105 100
120 43.4 23.1 69.2

Manual Integrations
APPROVED

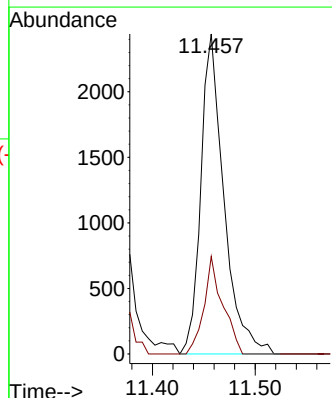
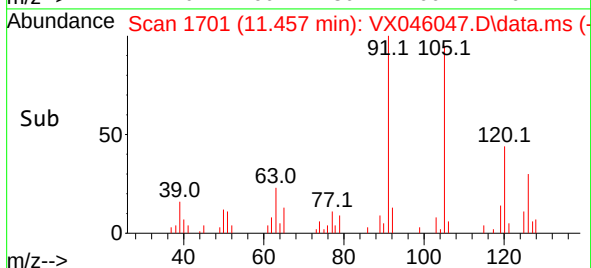
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

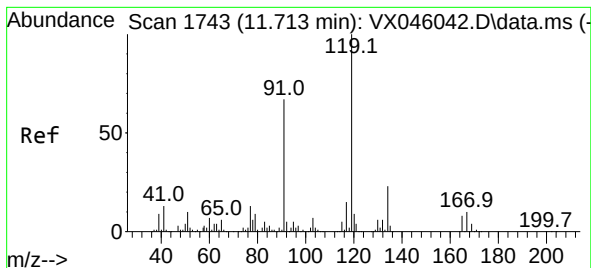


#82
4-Chlorotoluene
Concen: 0.713 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27



Tgt Ion: 91 Resp: 3815
Ion Ratio Lower Upper
91 100
126 24.8 13.3 39.8





#83

tert-Butylbenzene

Concen: 0.751 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

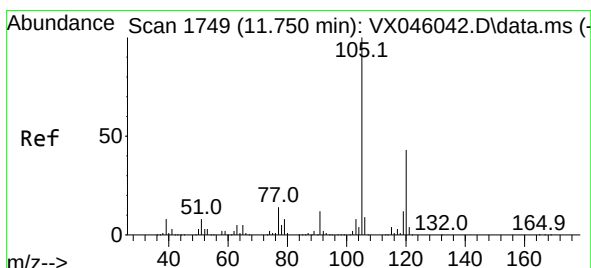
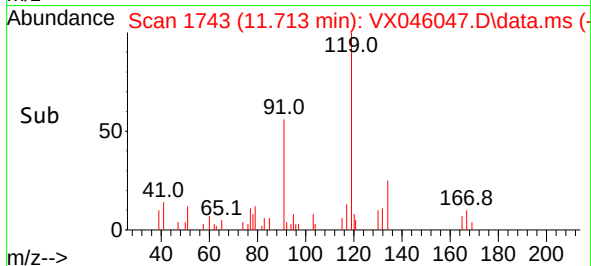
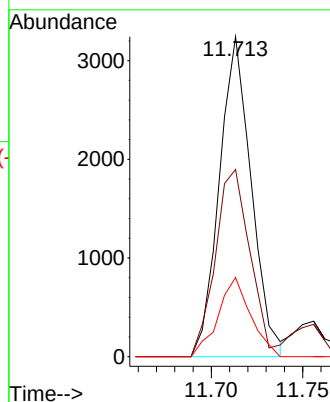
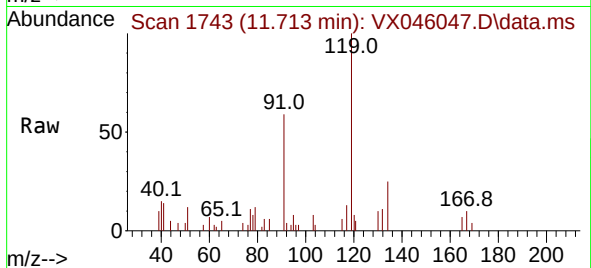
Tgt Ion:	119	Resp:	395
Ion Ratio	Lower	Upper	
119	100		
91	63.9	32.9	98.7
134	25.2	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.697 ug/l

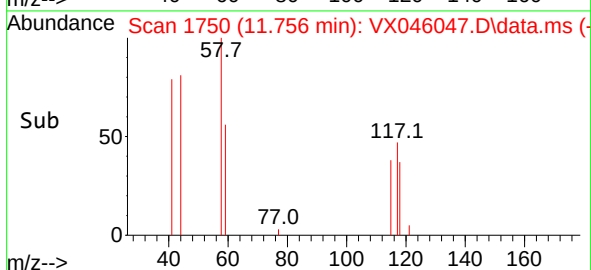
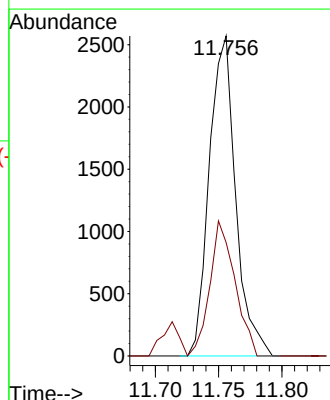
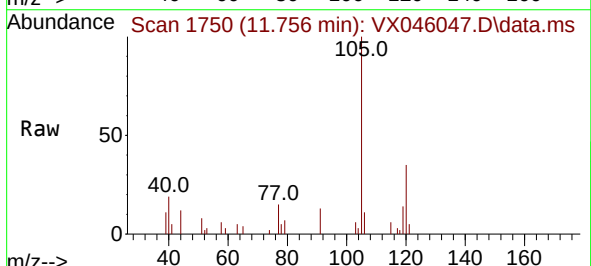
RT: 11.756 min Scan# 1750

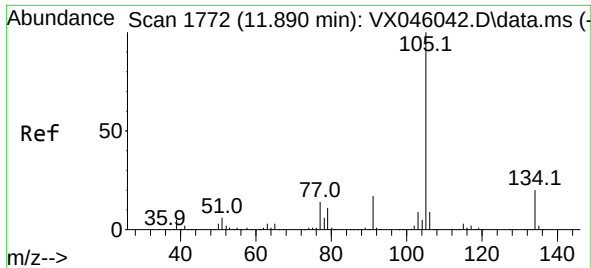
Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Tgt Ion:	105	Resp:	3725
Ion Ratio	Lower	Upper	
105	100		
120	40.3	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 0.672 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

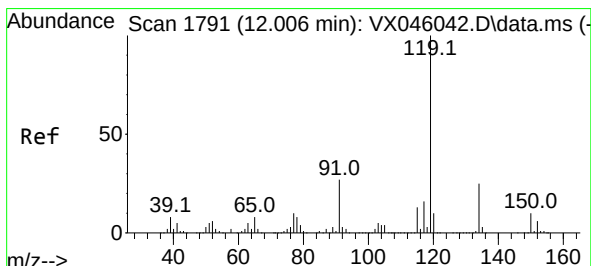
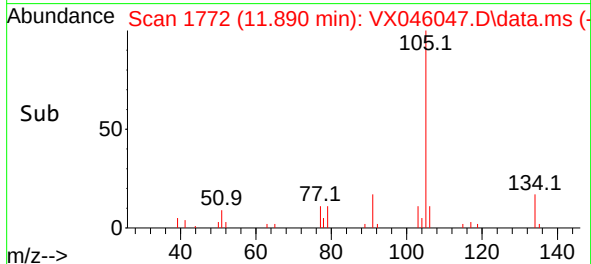
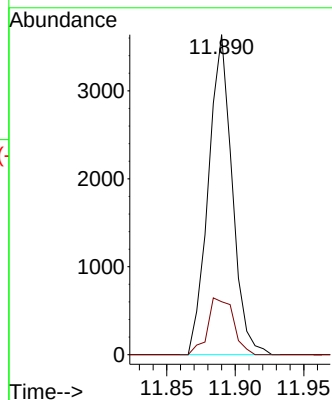
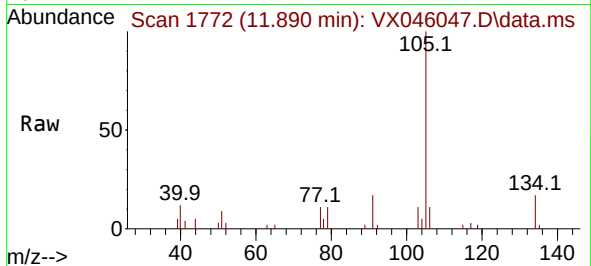
VSTDIC001

Tgt Ion:105 Resp: 438
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

Manual Integrations

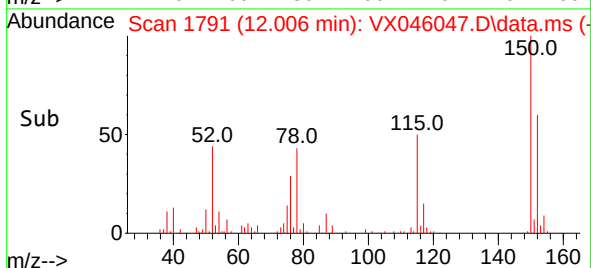
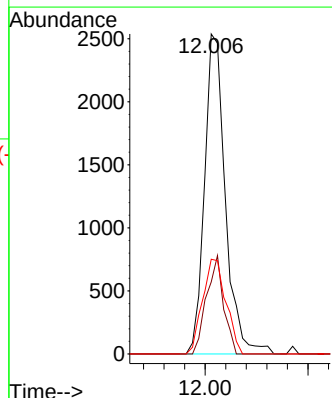
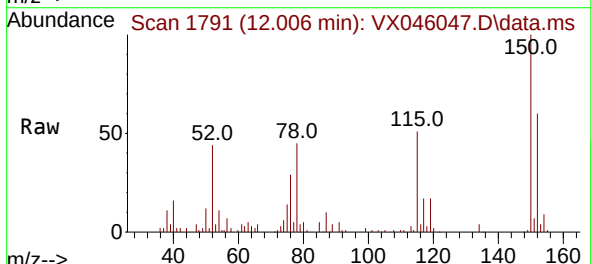
APPROVED

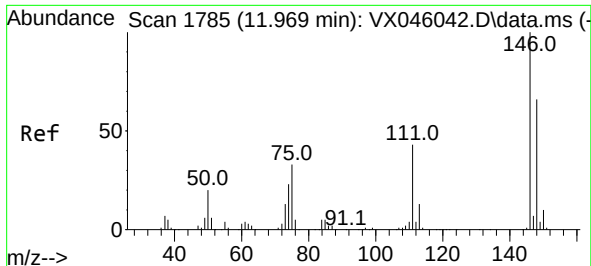
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#86
 p-Isopropyltoluene
 Concen: 0.679 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

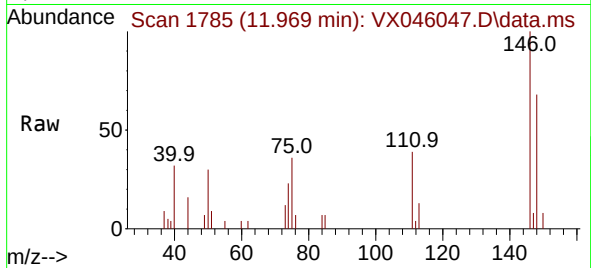
Tgt Ion:119 Resp: 3577
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 33.1 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 0.689 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

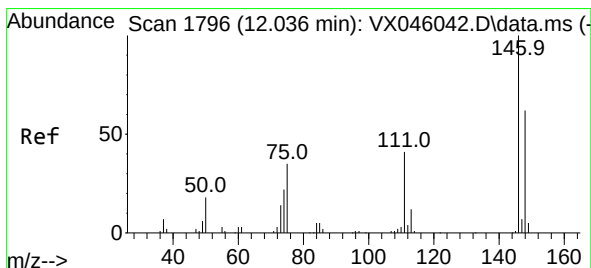
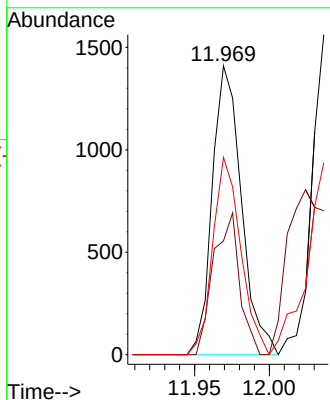
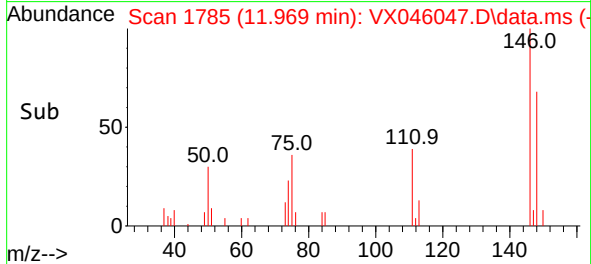
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



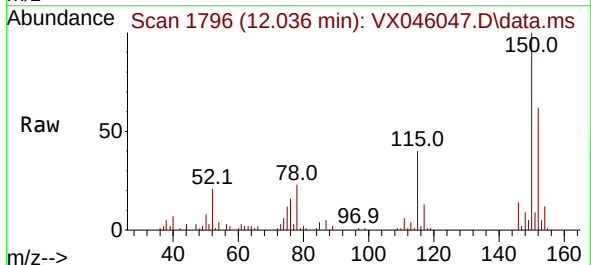
Tgt Ion:146 Resp: 1914
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.3
148 65.3 32.1 96.5

Manual Integrations
APPROVED

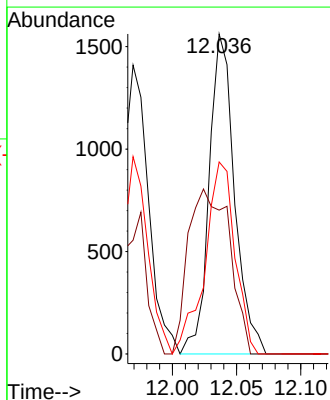
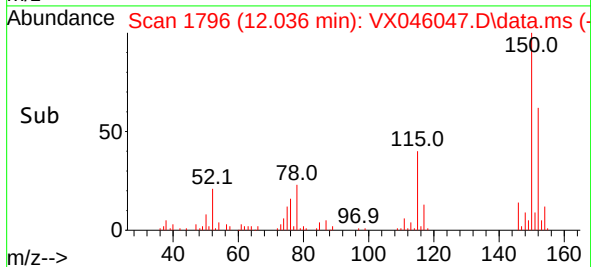
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

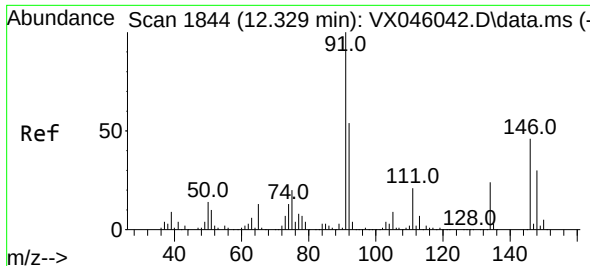


#88
1,4-Dichlorobenzene
Concen: 0.789 ug/l m
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27



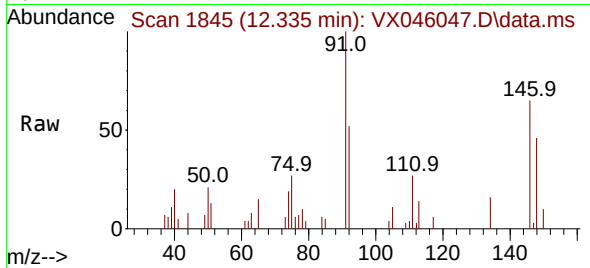
Tgt Ion:146 Resp: 2149
Ion Ratio Lower Upper
146 100
111 39.1 21.3 63.9
148 58.2 31.9 95.5





#89
n-Butylbenzene
Concen: 0.631 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

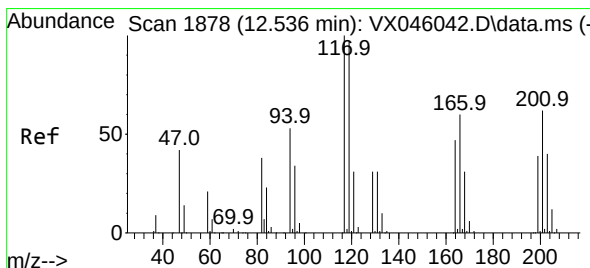
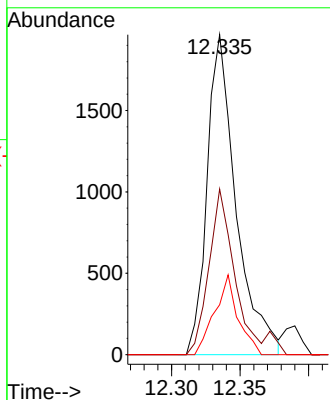
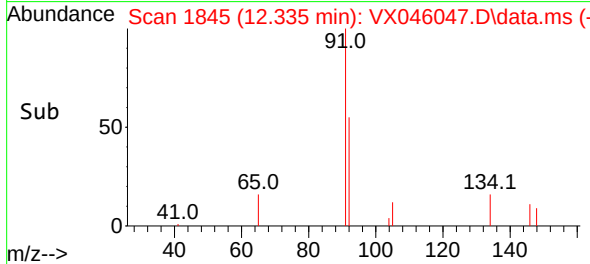
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 91 Resp: 2889
Ion Ratio Lower Upper
91 100
92 48.1 26.9 80.7
134 20.1 11.8 35.3

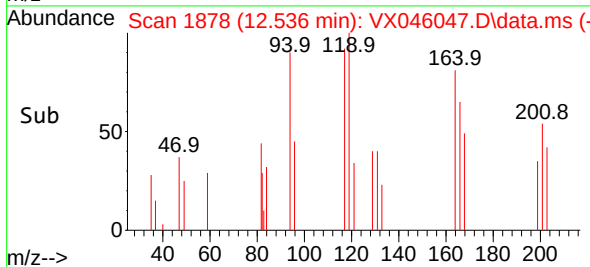
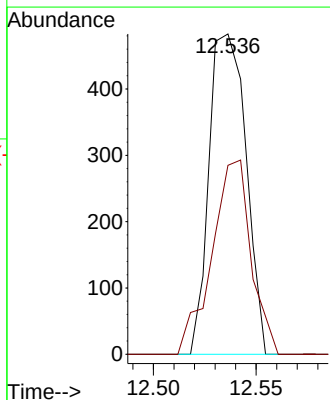
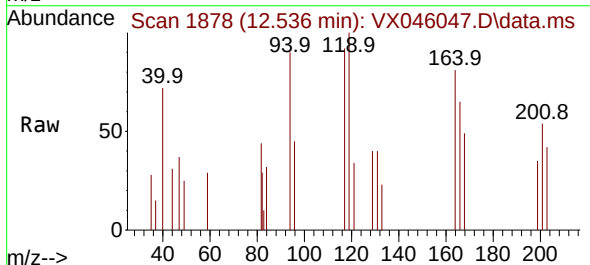
Manual Integrations
APPROVED

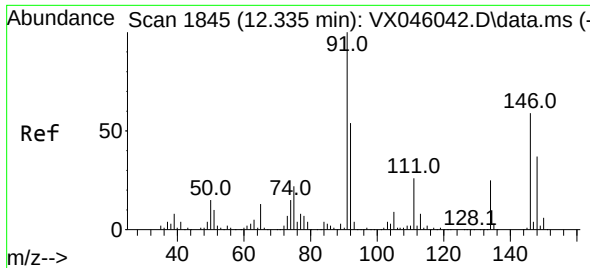
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#90
Hexachloroethane
Concen: 0.616 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

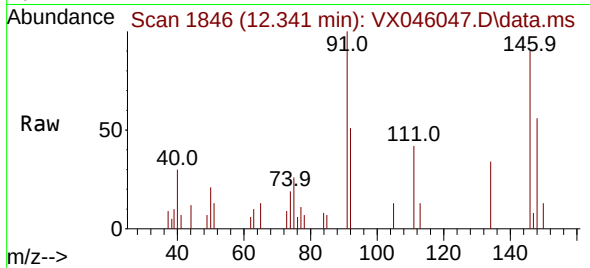
Tgt Ion:117 Resp: 604
Ion Ratio Lower Upper
117 100
201 64.2 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 0.747 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

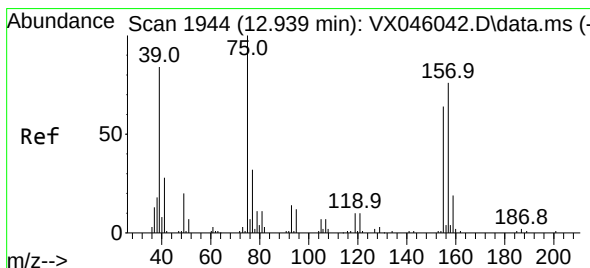
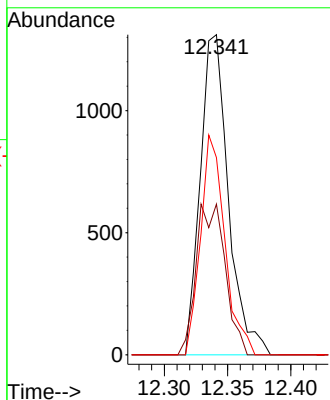
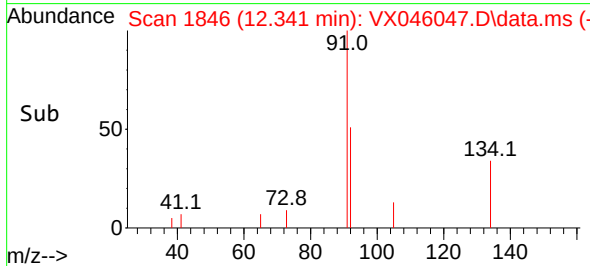
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



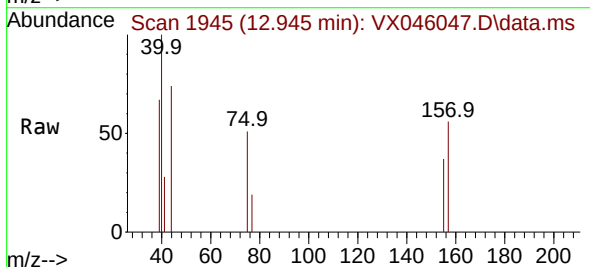
Tgt Ion:146 Resp: 202
Ion Ratio Lower Upper
146 100
111 48.8 22.4 67.3
148 59.4 31.6 94.8

Manual Integrations
APPROVED

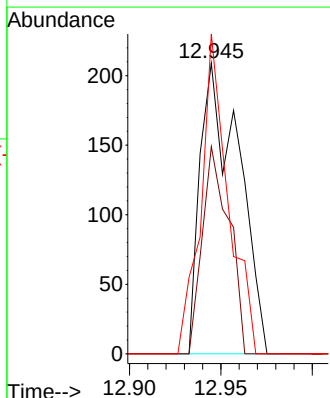
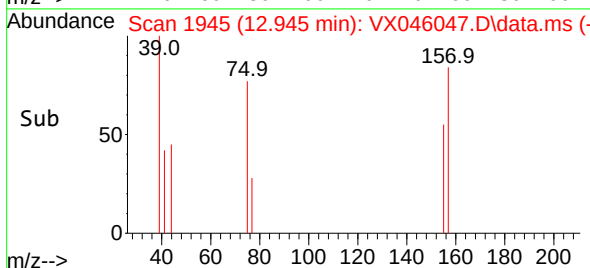
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

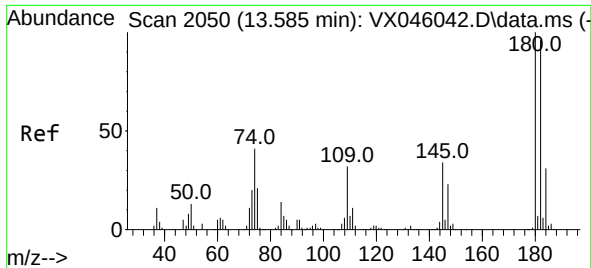


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.586 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27



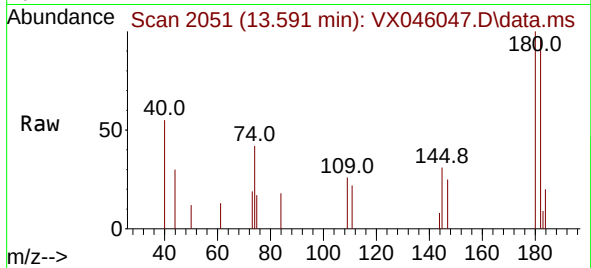
Tgt Ion: 75 Resp: 306
Ion Ratio Lower Upper
75 100
155 49.3 34.9 104.8
157 78.1 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 0.688 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

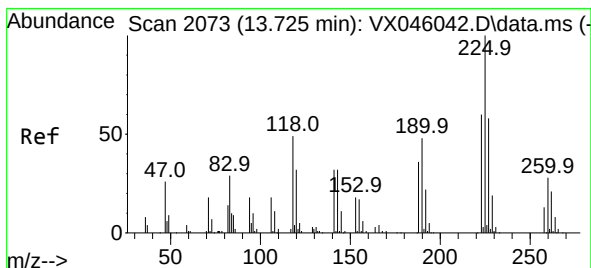
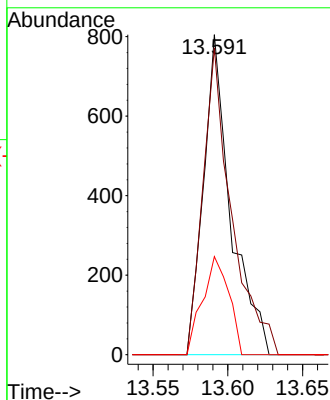
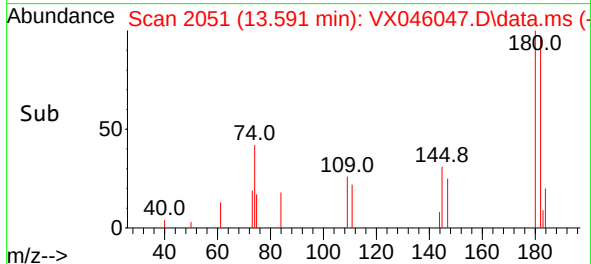
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



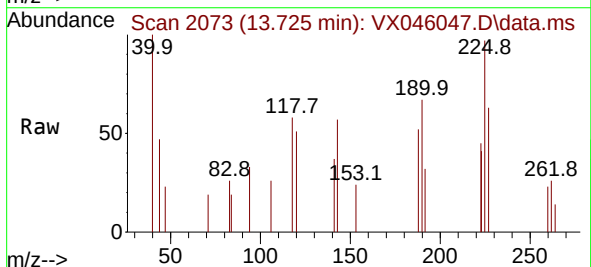
Tgt Ion:180 Resp: 1019
Ion Ratio Lower Upper
180 100
182 100.6 47.9 143.8
145 29.5 17.1 51.2

Manual Integrations
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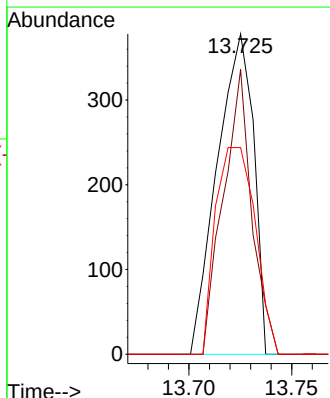
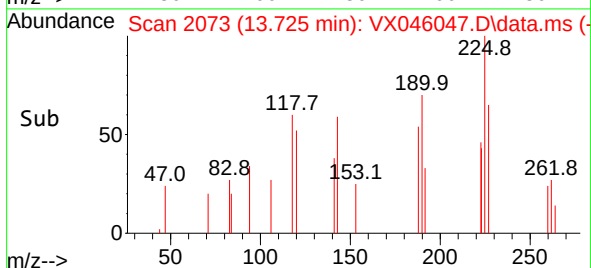
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

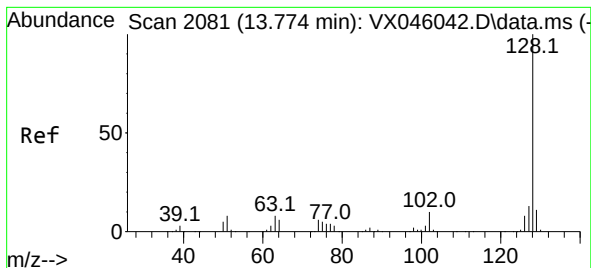


#94
Hexachlorobutadiene
Concen: 0.671 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27



Tgt Ion:225 Resp: 465
Ion Ratio Lower Upper
225 100
223 69.7 30.8 92.4
227 70.5 30.9 92.7





#95

Naphthalene

Concen: 0.767 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

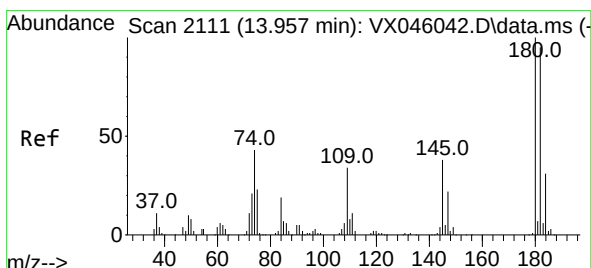
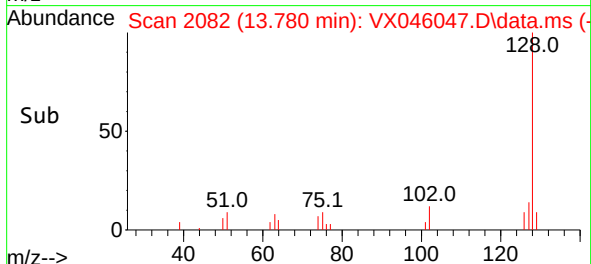
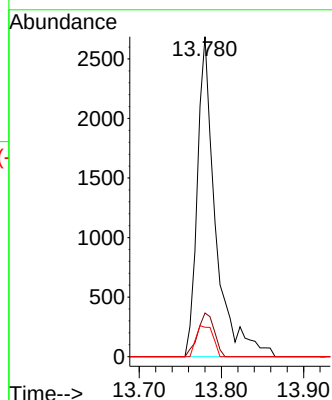
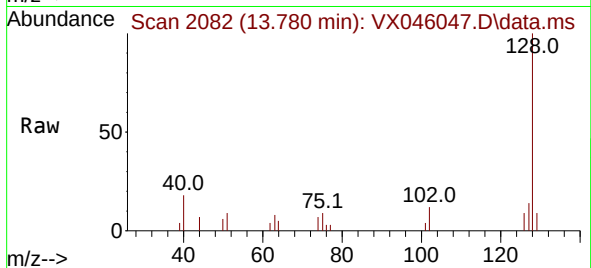
Tgt Ion:128 Resp: 4138
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.4 15.6
 129 8.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#96

1,2,3-Trichlorobenzene

Concen: 0.716 ug/l

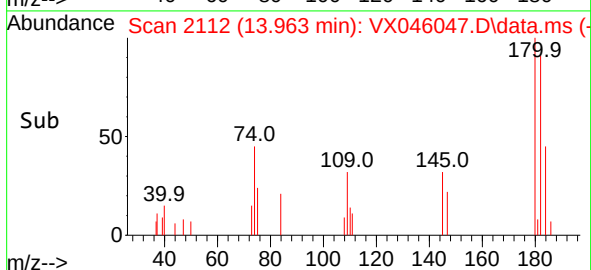
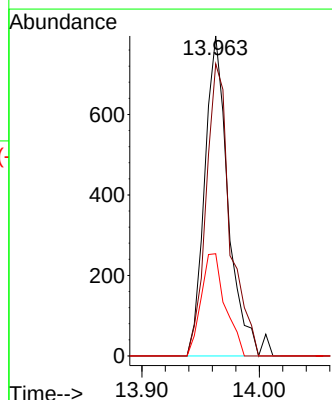
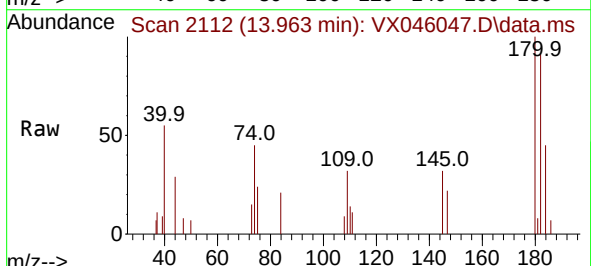
RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Tgt Ion:180 Resp: 1113
 Ion Ratio Lower Upper
 180 100
 182 92.5 47.8 143.3
 145 32.5 18.1 54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046048.D
 Acq On : 05 May 2025 16:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050525

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 07:17:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	92588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83733	48.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.020%		
35) Dibromofluoromethane	5.379	113	58192	49.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.360%		
50) Toluene-d8	8.647	98	198575	48.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.960%		
62) 4-Bromofluorobenzene	11.079	95	75568	48.596	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	78783	55.594	ug/l	99
3) Chloromethane	1.307	50	72275	52.592	ug/l	100
4) Vinyl Chloride	1.374	62	65994	51.598	ug/l	98
5) Bromomethane	1.593	94	30033	50.627	ug/l	97
6) Chloroethane	1.666	64	35690	52.271	ug/l	94
7) Trichlorofluoromethane	1.874	101	99352	52.560	ug/l	99
8) Diethyl Ether	2.130	74	31875	49.536	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	59451	50.822	ug/l	99
10) Methyl Iodide	2.447	142	73940	53.419	ug/l	99
11) Tert butyl alcohol	2.977	59	61065	252.025	ug/l	99
12) 1,1-Dichloroethene	2.313	96	56097	51.097	ug/l	98
13) Acrolein	2.233	56	64157	232.505	ug/l	99
14) Allyl chloride	2.660	41	108757	51.833	ug/l	100
15) Acrylonitrile	3.063	53	181808	262.412	ug/l	99
16) Acetone	2.380	43	169923	245.518	ug/l	98
17) Carbon Disulfide	2.502	76	132695	50.981	ug/l	99
18) Methyl Acetate	2.703	43	80251	49.968	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	195442	50.777	ug/l	99
20) Methylene Chloride	2.782	84	63369	47.779	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	55770	50.513	ug/l	99
22) Diisopropyl ether	3.757	45	209946	51.800	ug/l	97
23) Vinyl Acetate	3.715	43	946746	265.585	ug/l	100
24) 1,1-Dichloroethane	3.605	63	114733	50.825	ug/l	98
25) 2-Butanone	4.556	43	258339	257.110	ug/l	97
26) 2,2-Dichloropropane	4.471	77	88229	49.934	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	67727	50.956	ug/l	100
28) Bromochloromethane	4.891	49	55390	50.975	ug/l	98
29) Tetrahydrofuran	5.001	42	163675	259.958	ug/l	99
30) Chloroform	5.093	83	120782	51.332	ug/l	97
31) Cyclohexane	5.458	56	103158	50.147	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	104243	51.108	ug/l	100
36) 1,1-Dichloropropene	5.690	75	77931	49.521	ug/l	99
37) Ethyl Acetate	4.715	43	98604	50.714	ug/l	100
38) Carbon Tetrachloride	5.666	117	88100	49.825	ug/l	97
39) Methylcyclohexane	7.373	83	100808	49.757	ug/l	98
40) Benzene	6.031	78	233977	50.759	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046048.D
 Acq On : 05 May 2025 16:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050525

Quant Time: May 06 07:17:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56017	55.076	ug/l	100
42) 1,2-Dichloroethane	6.080	62	101185	50.861	ug/l	98
43) Isopropyl Acetate	6.336	43	154818	52.195	ug/l	99
44) Trichloroethene	7.123	130	55491	50.018	ug/l	100
45) 1,2-Dichloropropane	7.428	63	59582	51.983	ug/l	98
46) Dibromomethane	7.580	93	45181	49.978	ug/l	99
47) Bromodichloromethane	7.818	83	92388	51.889	ug/l	100
48) Methyl methacrylate	7.690	41	82144	54.226	ug/l	98
49) 1,4-Dioxane	7.659	88	30477	1059.599	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	510206	259.133	ug/l	100
52) Toluene	8.714	92	144574	51.150	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	83751	52.920	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	92517	52.892	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	56713	50.887	ug/l	96
56) Ethyl methacrylate	9.116	69	95772	53.918	ug/l	99
57) 1,3-Dichloropropane	9.305	76	99663	49.793	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	240681	265.780	ug/l	99
59) 2-Hexanone	9.427	43	390701	268.218	ug/l	100
60) Dibromochloromethane	9.519	129	63738	52.075	ug/l	99
61) 1,2-Dibromoethane	9.610	107	59134	51.050	ug/l	98
64) Tetrachloroethene	9.269	164	48034	46.795	ug/l	98
65) Chlorobenzene	10.073	112	154640	48.699	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53735	49.557	ug/l	100
67) Ethyl Benzene	10.189	91	281239	50.245	ug/l	100
68) m/p-Xylenes	10.299	106	206813	101.022	ug/l	99
69) o-Xylene	10.640	106	101469	50.841	ug/l	99
70) Styrene	10.653	104	169703	51.907	ug/l	99
71) Bromoform	10.799	173	40364	49.583	ug/l #	97
73) Isopropylbenzene	10.957	105	269484	50.733	ug/l	100
74) N-amyl acetate	10.842	43	137559	52.407	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89027	47.827	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	79763m	48.568	ug/l	
77) Bromobenzene	11.195	156	59871	48.549	ug/l	98
78) n-propylbenzene	11.299	91	312285	50.562	ug/l	100
79) 2-Chlorotoluene	11.360	91	195630	49.107	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	228538	51.500	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24857	49.276	ug/l	98
82) 4-Chlorotoluene	11.451	91	223811	50.661	ug/l	100
83) tert-Butylbenzene	11.713	119	225783	50.511	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	231371	51.485	ug/l	100
85) sec-Butylbenzene	11.890	105	280578	51.122	ug/l	99
86) p-Isopropyltoluene	12.006	119	231942	51.198	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	113146	50.272	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	111173	48.368	ug/l	99
89) n-Butylbenzene	12.329	91	205858	51.804	ug/l	100
90) Hexachloroethane	12.536	117	39823	49.895	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	111482	49.361	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21220	51.458	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	64421	49.662	ug/l	100
94) Hexachlorobutadiene	13.719	225	27425	48.408	ug/l	98
95) Naphthalene	13.774	128	239805	50.404	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	64950	48.525	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

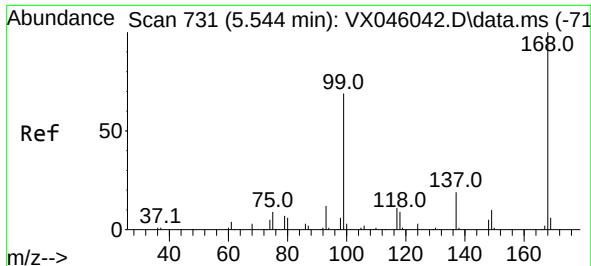
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

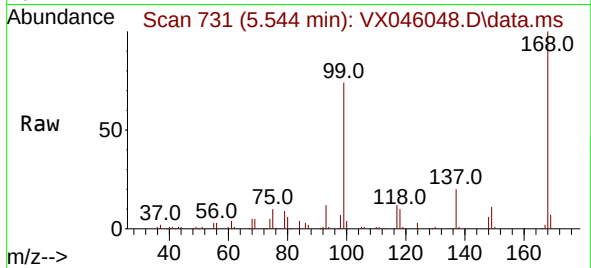
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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. -0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

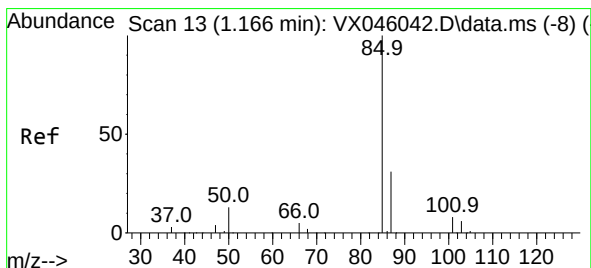
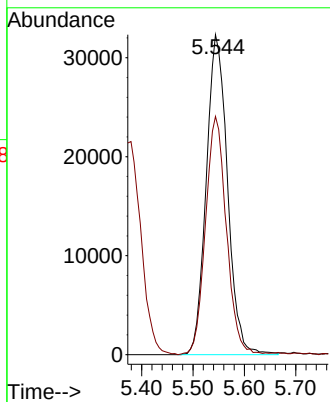
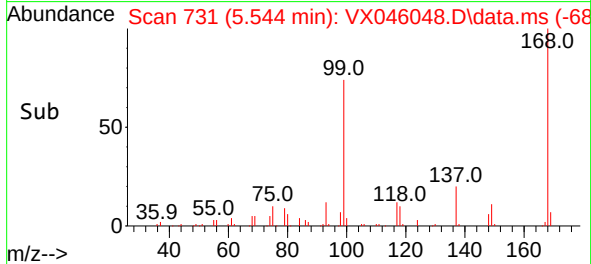
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion:168 Resp: 9258
Ion Ratio Lower Upper
168 100
99 74.5 54.9 82.3

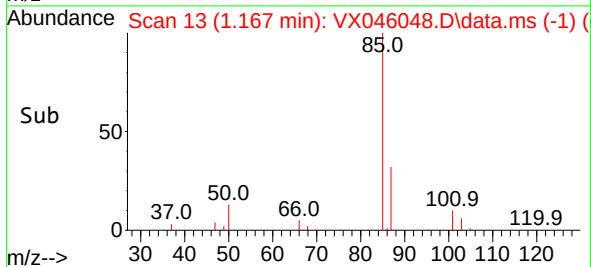
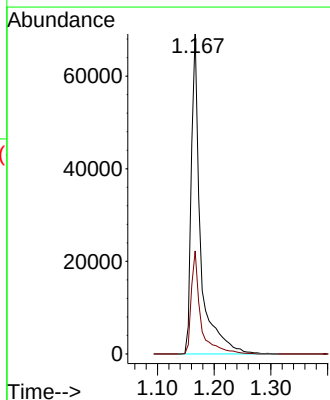
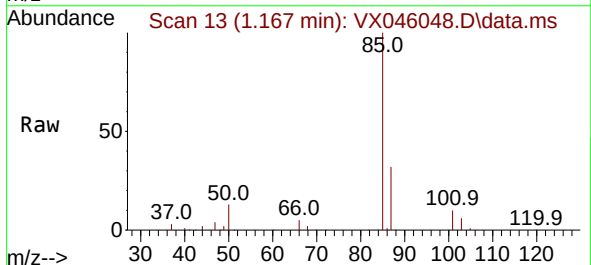
Manual Integrations
APPROVED

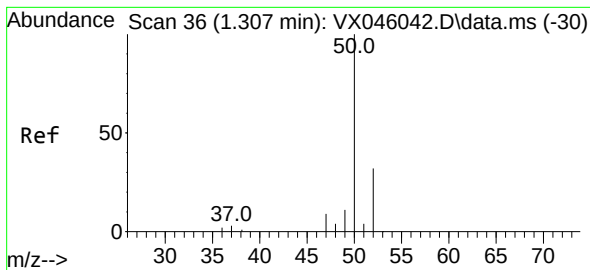
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#2
Dichlorodifluoromethane
Concen: 55.594 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 85 Resp: 78783
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.1





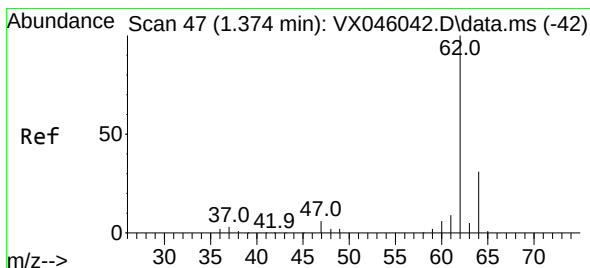
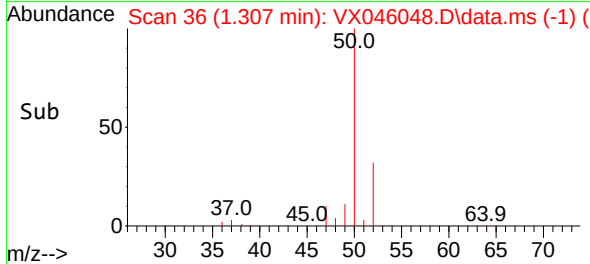
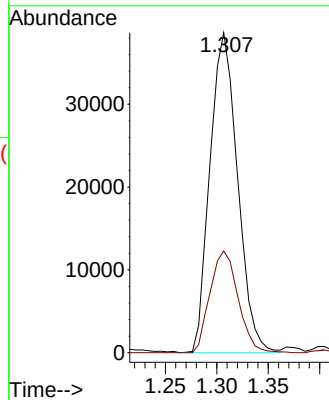
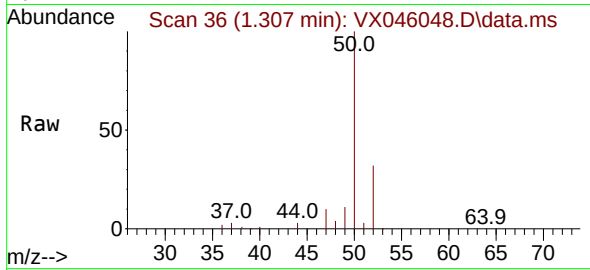
#3
Chloromethane
Concen: 52.592 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 50 Resp: 72275
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

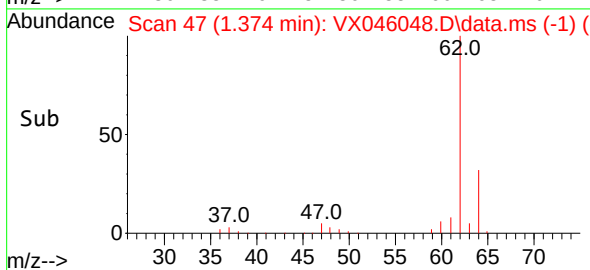
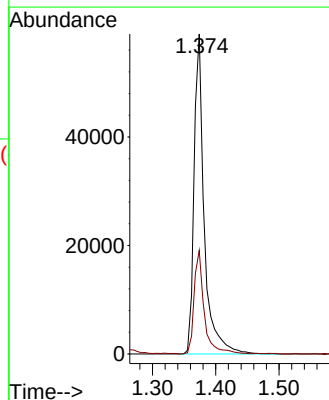
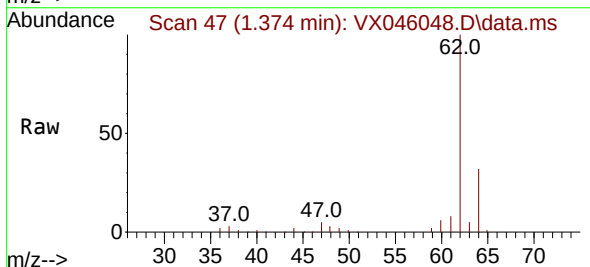
Manual Integrations
APPROVED

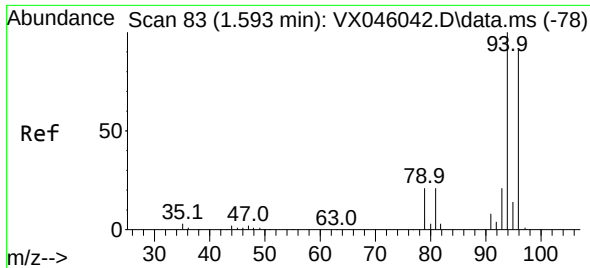
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#4
Vinyl Chloride
Concen: 51.598 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

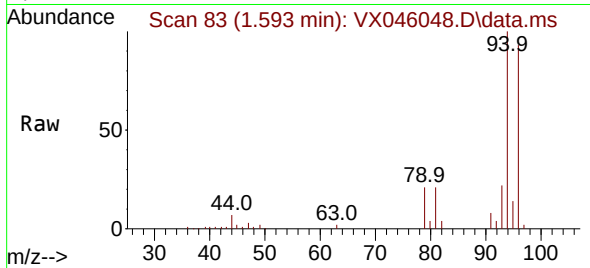
Tgt Ion: 62 Resp: 65994
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8





#5
Bromomethane
Concen: 50.627 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

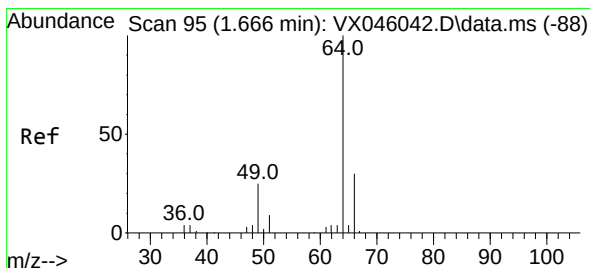
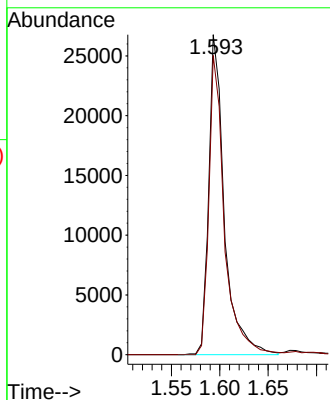
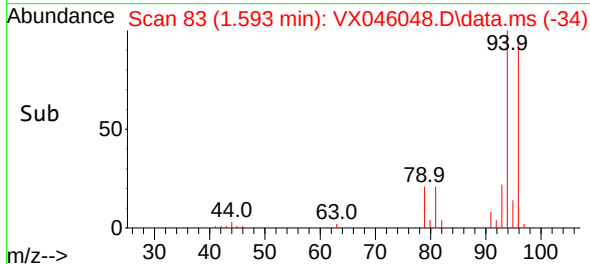
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion: 94 Resp: 3003
Ion Ratio Lower Upper
94 100
96 93.5 72.8 109.2

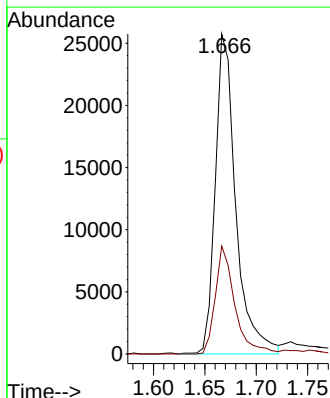
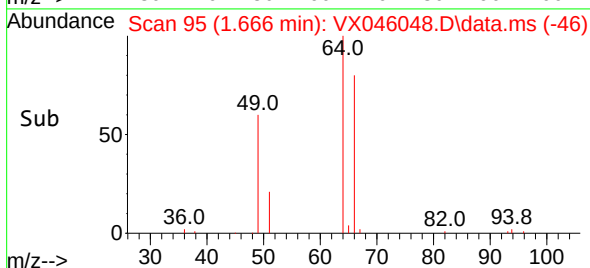
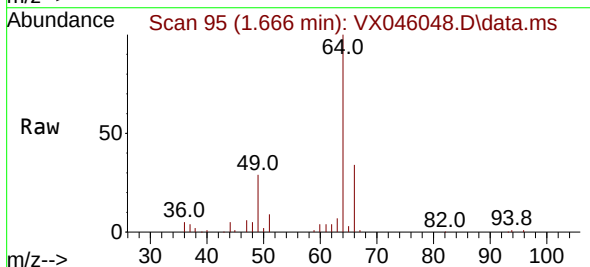
Manual Integrations
APPROVED

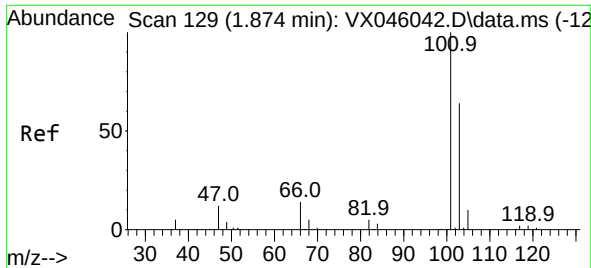
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#6
Chloroethane
Concen: 52.271 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

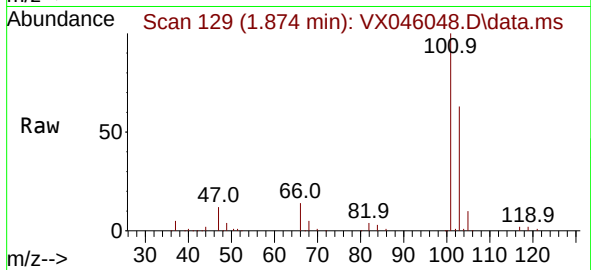
Tgt Ion: 64 Resp: 35690
Ion Ratio Lower Upper
64 100
66 33.7 24.3 36.5





#7
Trichlorofluoromethane
Concen: 52.560 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

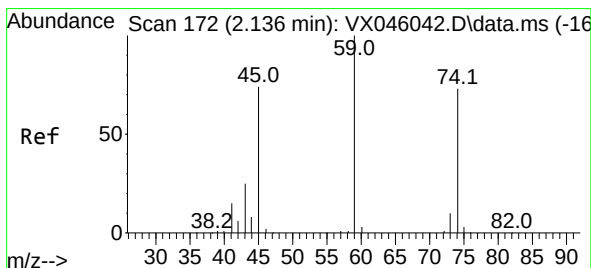
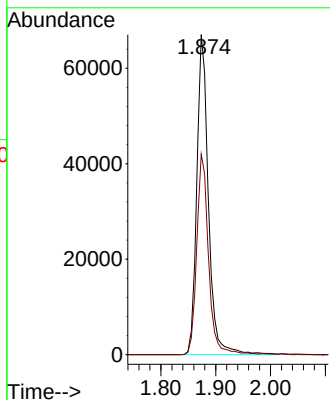
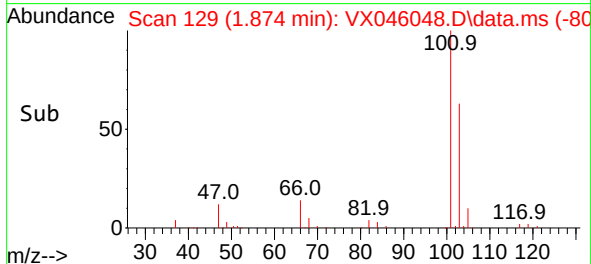
Instrument :
MSVOA_X
ClientSampleId :
ICVX050525



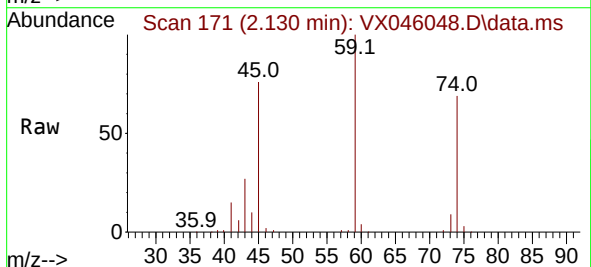
Tgt Ion:101 Resp: 99352
Ion Ratio Lower Upper
101 100
103 62.6 51.0 76.4

Manual Integrations
APPROVED

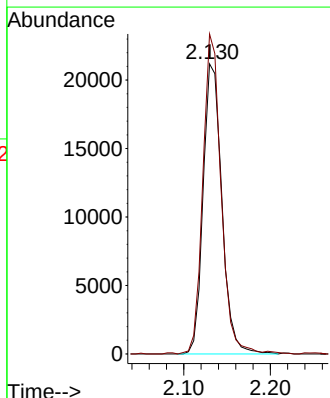
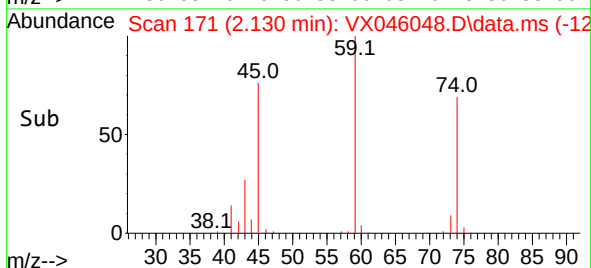
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

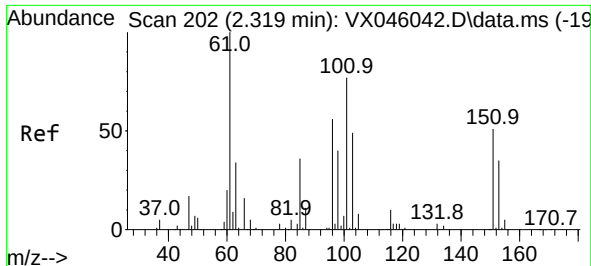


#8
Diethyl Ether
Concen: 49.536 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50



Tgt Ion: 74 Resp: 31875
Ion Ratio Lower Upper
74 100
45 107.1 54.9 164.8





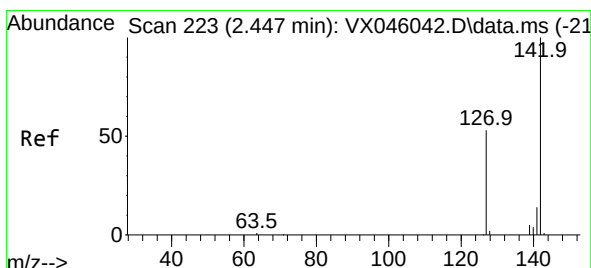
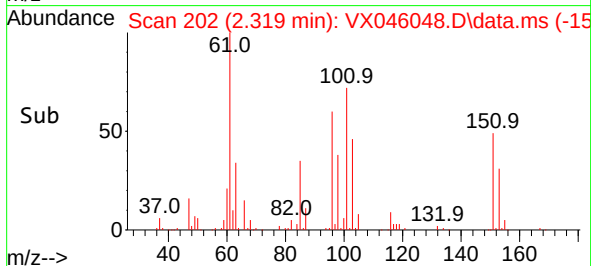
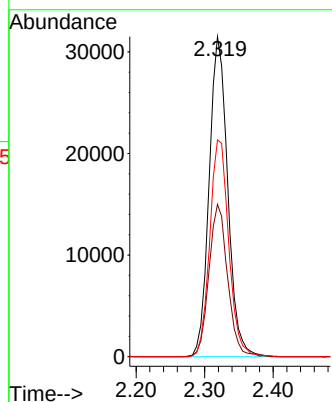
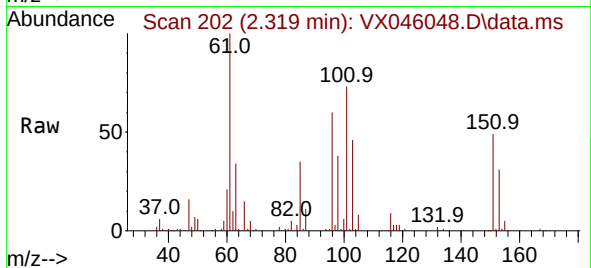
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.822 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:101 Resp: 5945
Ion Ratio Lower Upper
101 100
85 47.8 38.6 58.0
151 69.4 55.2 82.8

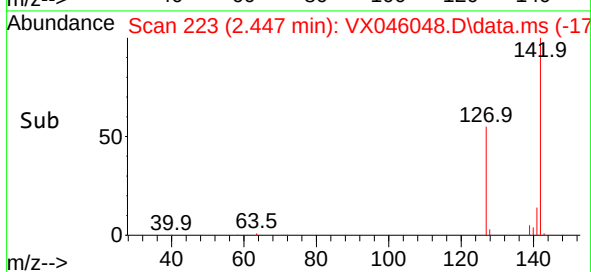
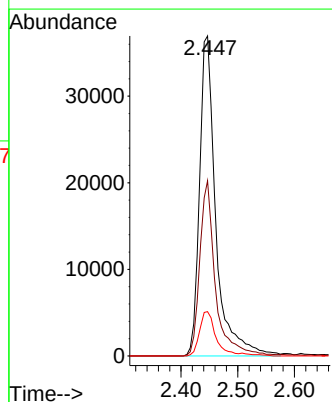
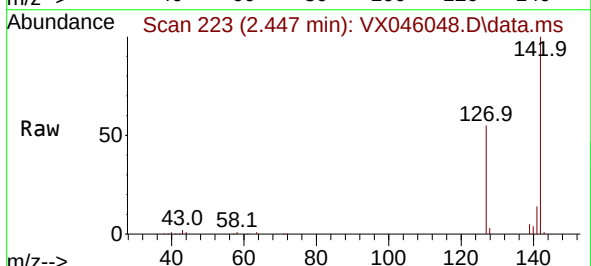
Manual Integrations
APPROVED

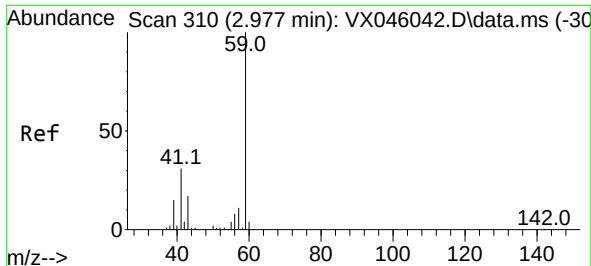
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#10
Methyl Iodide
Concen: 53.419 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

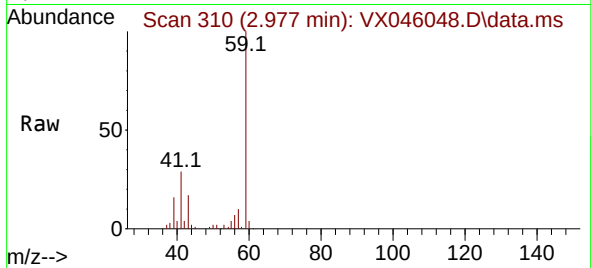
Tgt Ion:142 Resp: 73940
Ion Ratio Lower Upper
142 100
127 52.9 41.7 62.5
141 14.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 252.025 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

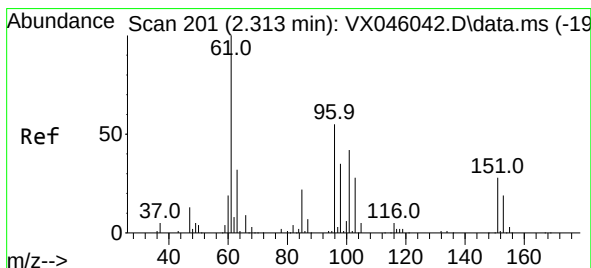
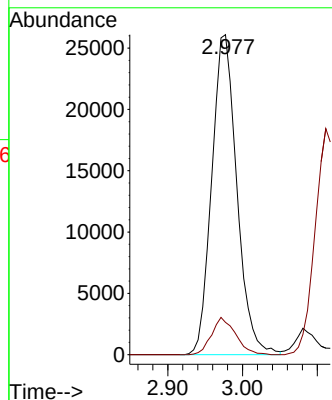
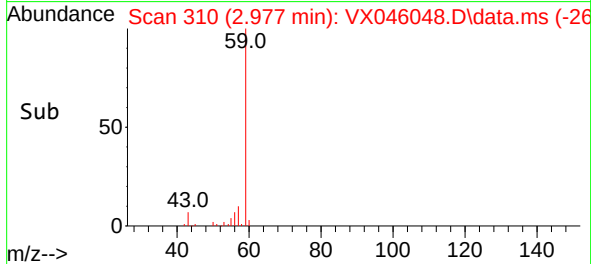
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



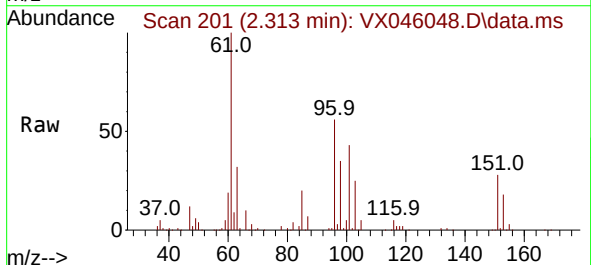
Tgt Ion: 59 Resp: 6106
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

Manual Integrations
APPROVED

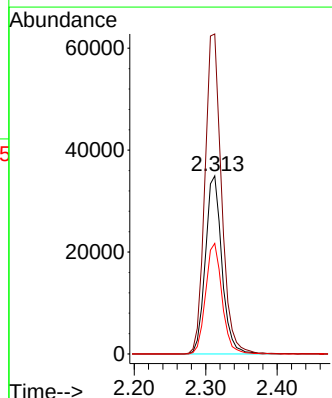
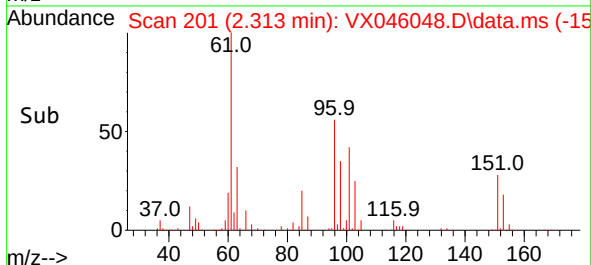
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

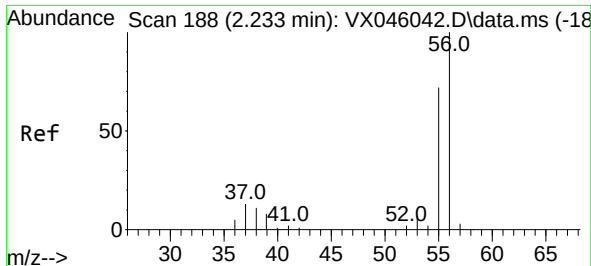


#12
1,1-Dichloroethene
Concen: 51.097 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50



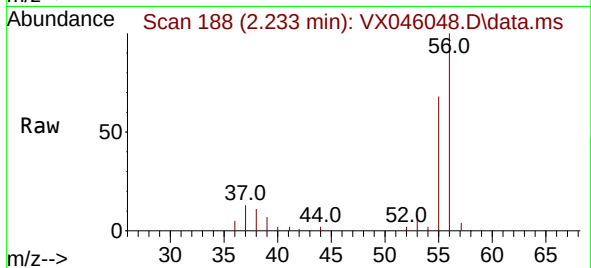
Tgt Ion: 96 Resp: 56097
Ion Ratio Lower Upper
96 100
61 179.7 146.2 219.2
98 62.1 51.0 76.6





#13
Acrolein
Concen: 232.505 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

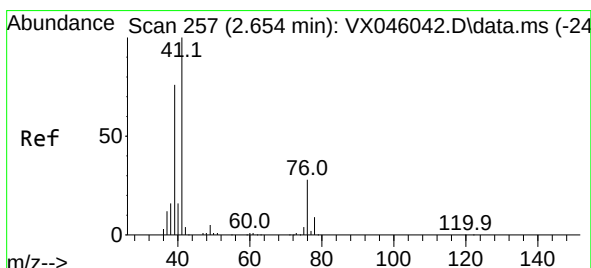
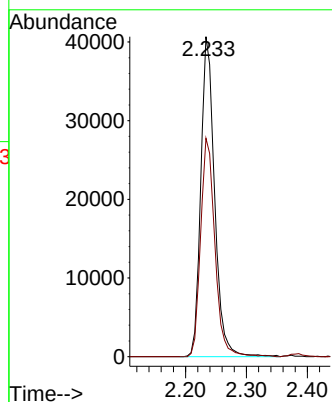
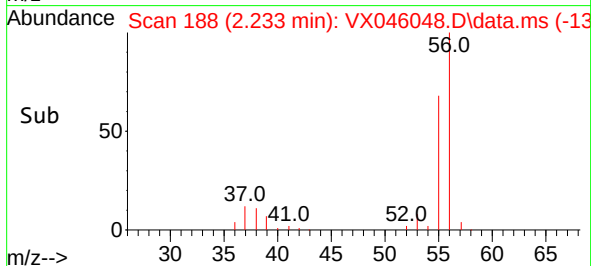
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion: 56 Resp: 6415
Ion Ratio Lower Upper
56 100
55 70.8 56.2 84.4

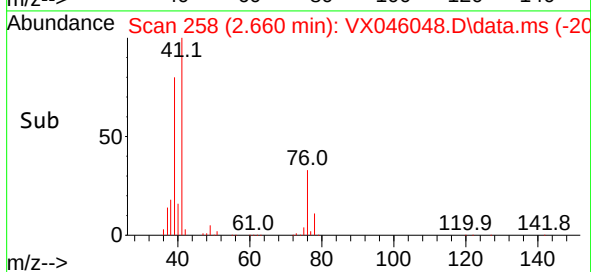
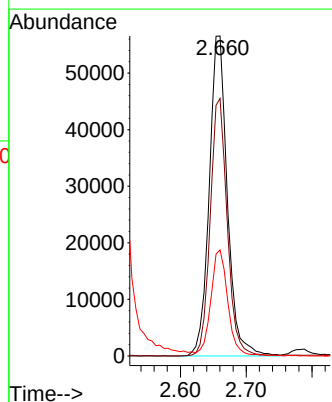
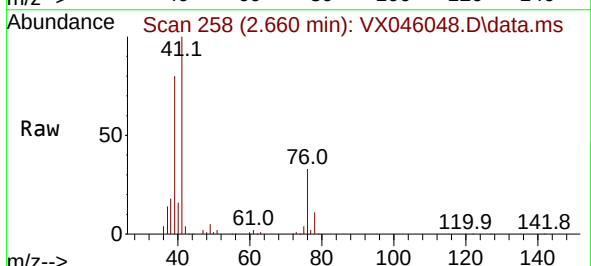
Manual Integrations
APPROVED

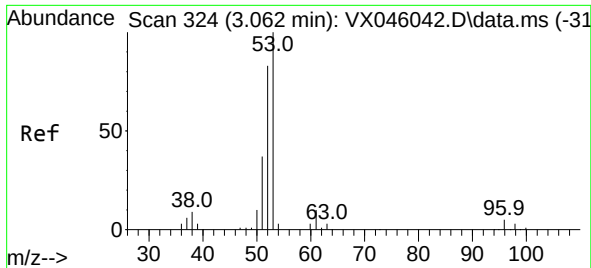
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#14
Allyl chloride
Concen: 51.833 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

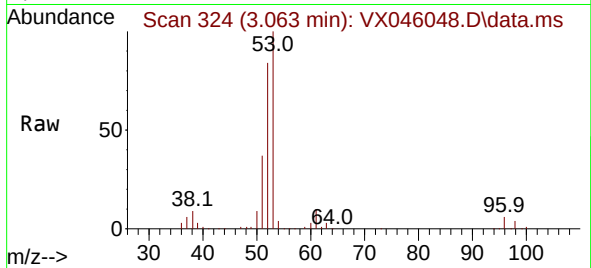
Tgt Ion: 41 Resp: 108757
Ion Ratio Lower Upper
41 100
39 75.6 60.6 90.8
76 31.1 24.9 37.3





#15
Acrylonitrile
Concen: 262.412 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

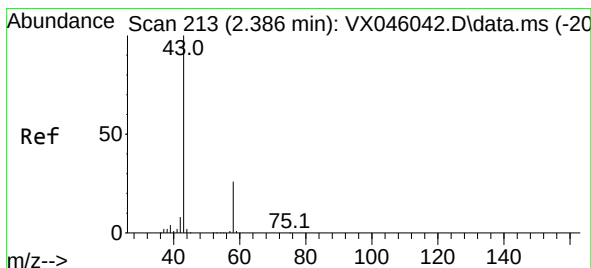
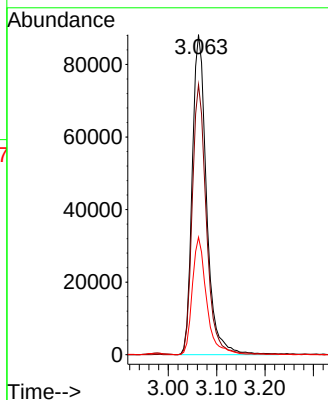
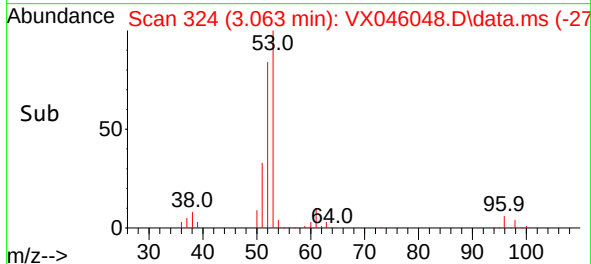
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion: 53 Resp: 181808
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.5 29.8 44.8

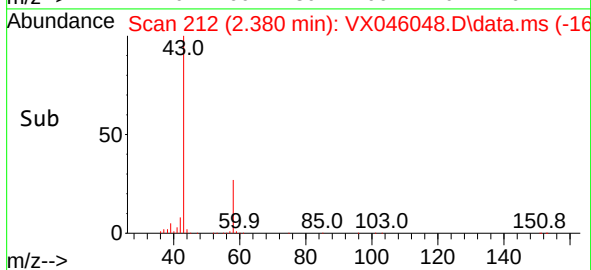
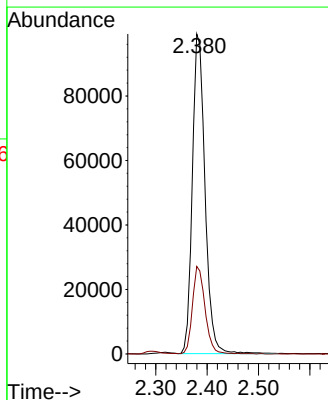
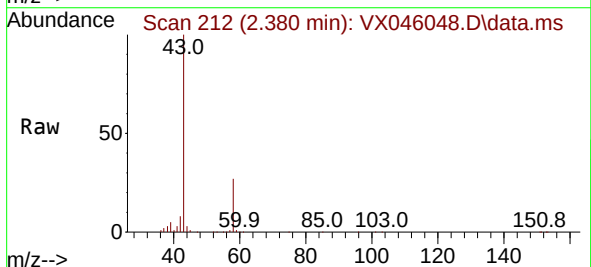
Manual Integrations
APPROVED

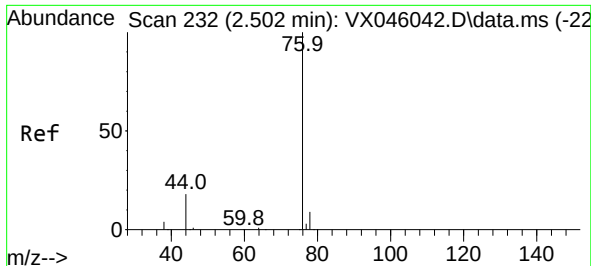
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#16
Acetone
Concen: 245.518 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 43 Resp: 169923
Ion Ratio Lower Upper
43 100
58 27.3 21.2 31.8





#17

Carbon Disulfide

Concen: 50.981 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050525

Tgt Ion: 76 Resp: 13269

Ion Ratio Lower Upper

76 100

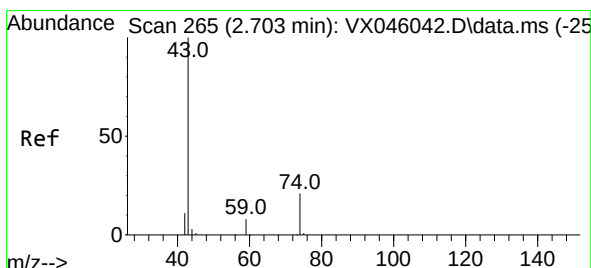
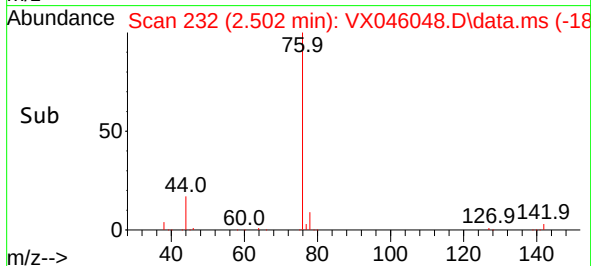
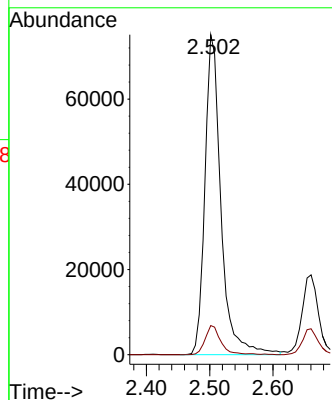
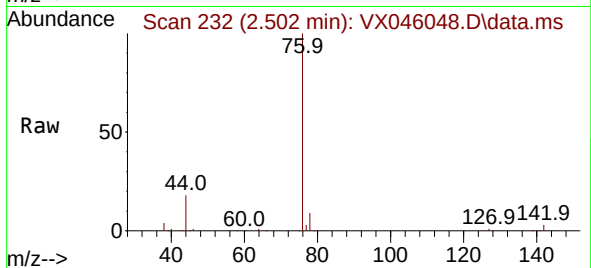
78 9.1 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#18

Methyl Acetate

Concen: 49.968 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX046048.D

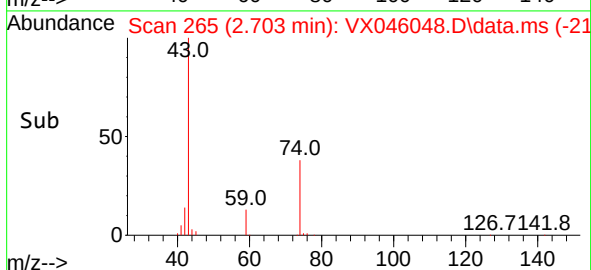
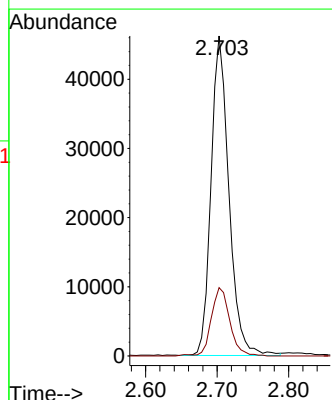
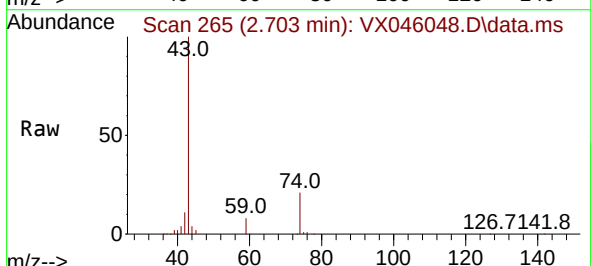
Acq: 05 May 2025 16:50

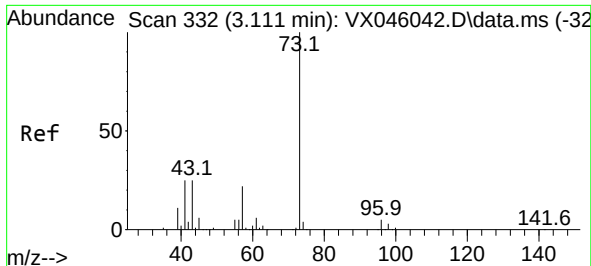
Tgt Ion: 43 Resp: 80251

Ion Ratio Lower Upper

43 100

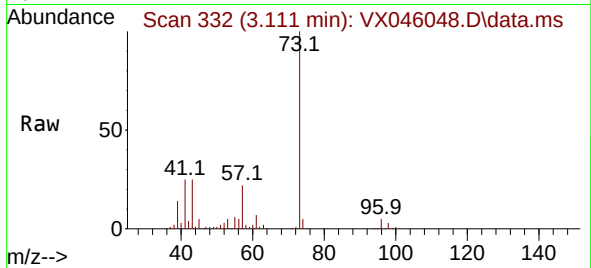
74 22.1 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 50.777 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

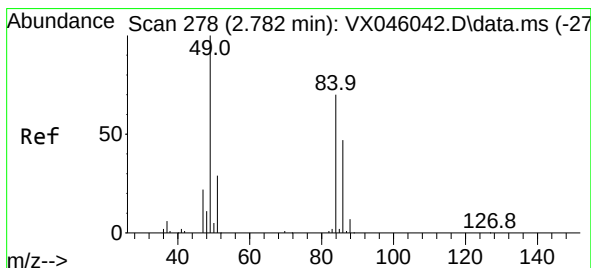
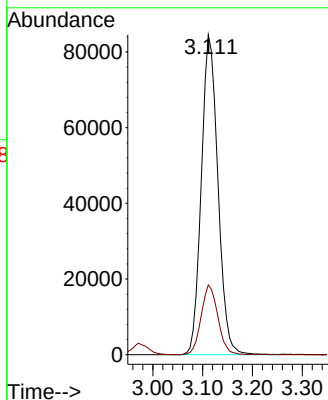
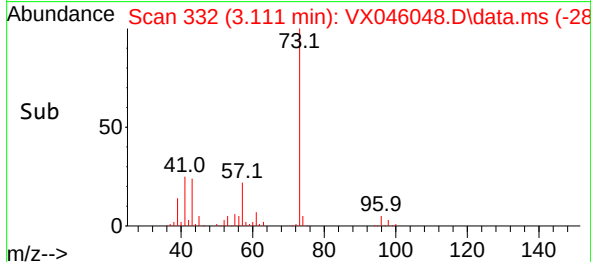
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion: 73 Resp: 19544
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

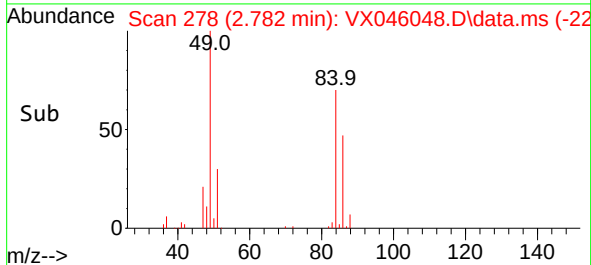
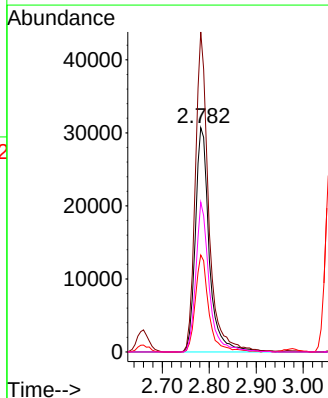
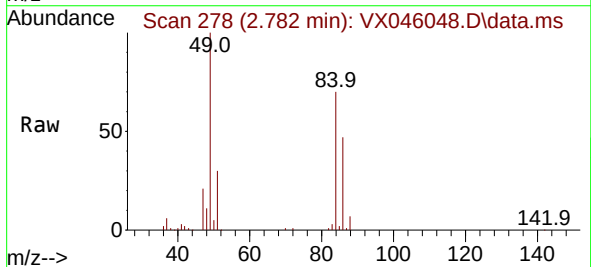
Manual Integrations
APPROVED

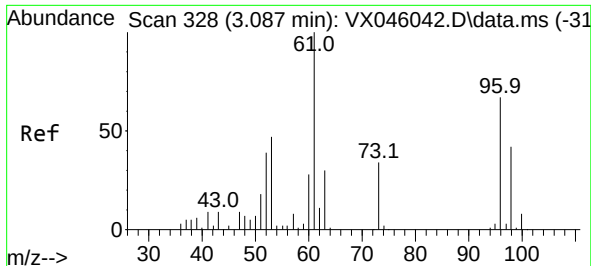
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#20
Methylene Chloride
Concen: 47.779 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

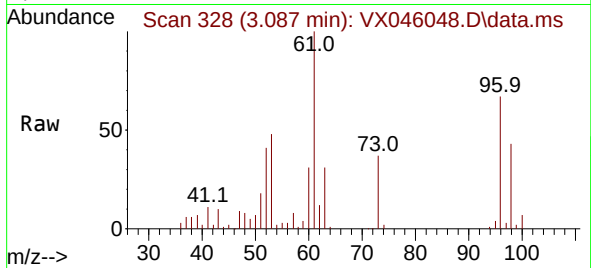
Tgt Ion: 84 Resp: 63369
Ion Ratio Lower Upper
84 100
49 142.7 113.9 170.9
51 43.3 33.5 50.3
86 66.8 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 50.513 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

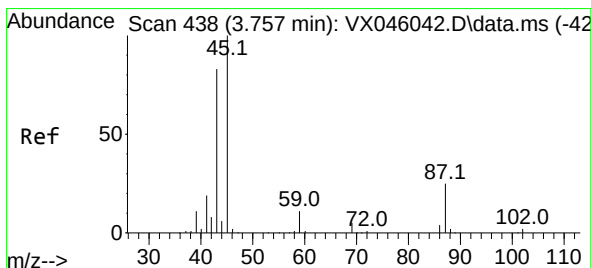
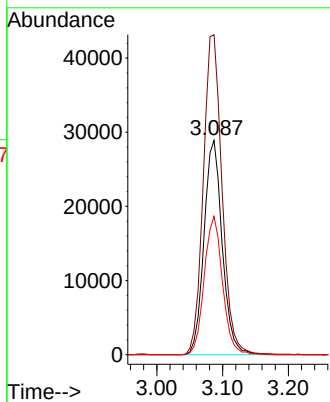
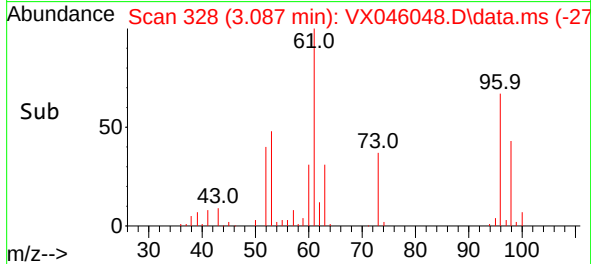
Instrument :
MSVOA_X
ClientSampleId :
ICVX050525



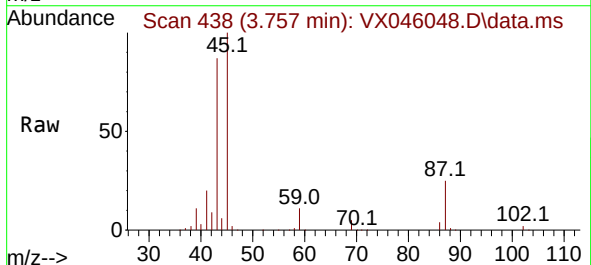
Tgt Ion: 96 Resp: 55770
Ion Ratio Lower Upper
96 100
61 149.3 119.5 179.3
98 64.6 50.0 75.0

Manual Integrations
APPROVED

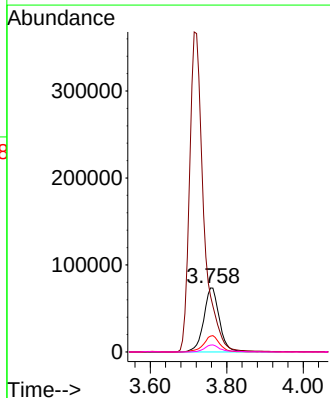
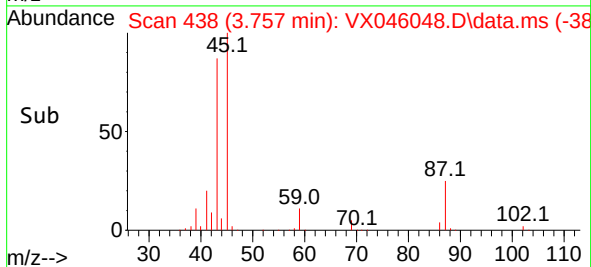
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

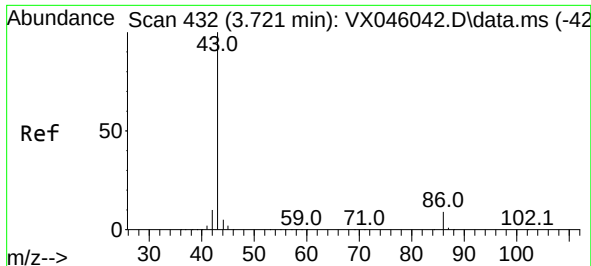


#22
Diisopropyl ether
Concen: 51.800 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50



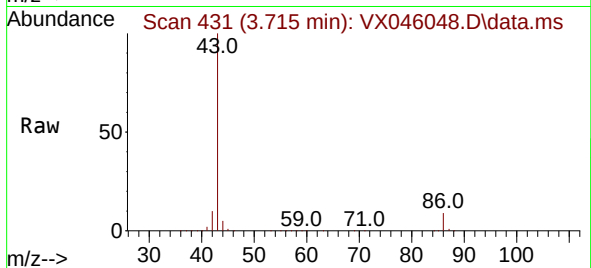
Tgt Ion: 45 Resp: 209946
Ion Ratio Lower Upper
45 100
43 86.9 66.6 100.0
87 24.8 19.8 29.6
59 10.8 8.6 12.8





#23
 Vinyl Acetate
 Concen: 265.585 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046048.D
 Acq: 05 May 2025 16:50

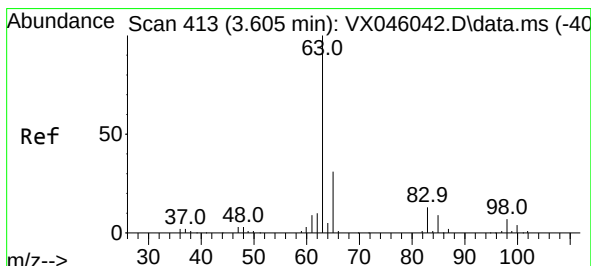
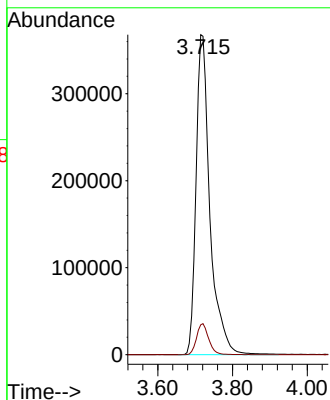
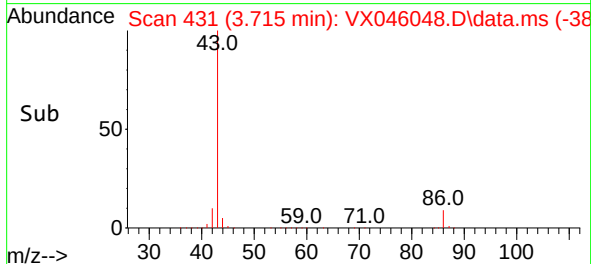
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050525



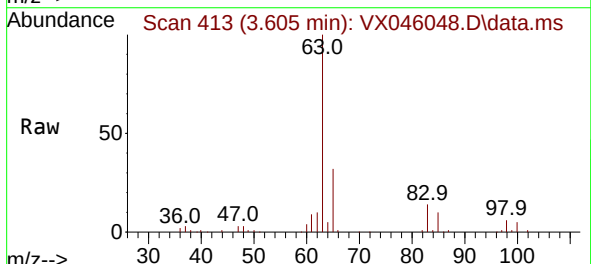
Tgt Ion: 43 Resp: 946740
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

Manual Integrations
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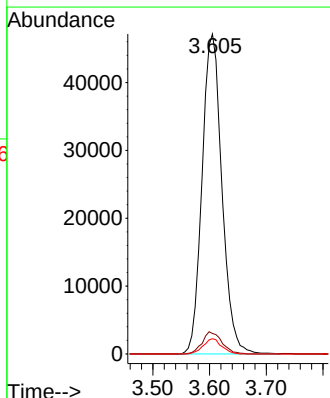
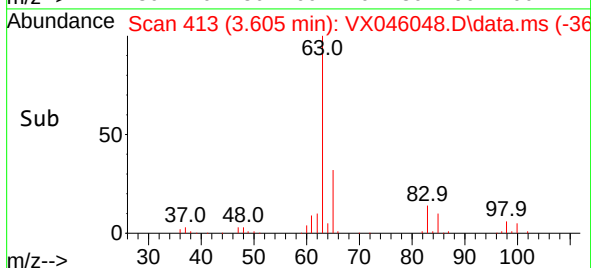
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025

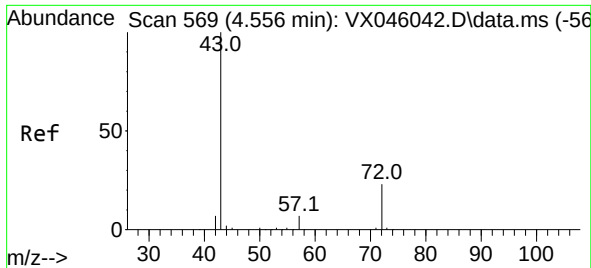


#24
 1,1-Dichloroethane
 Concen: 50.825 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046048.D
 Acq: 05 May 2025 16:50



Tgt Ion: 63 Resp: 114733
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.8 2.1 6.3





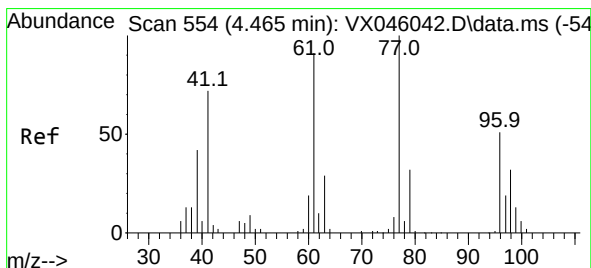
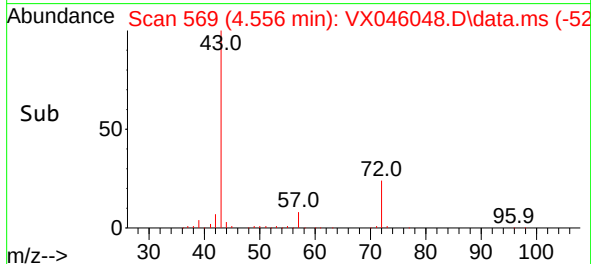
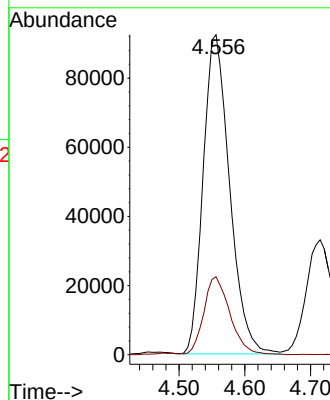
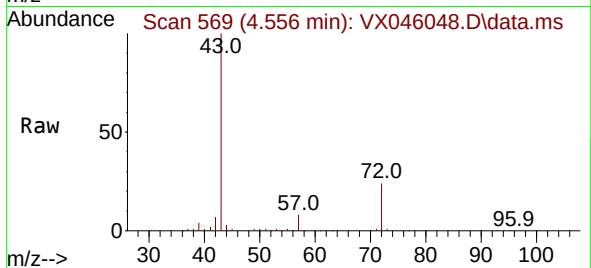
#25
2-Butanone
Concen: 257.110 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 43 Resp: 258339
Ion Ratio Lower Upper
43 100
72 24.3 18.4 27.6

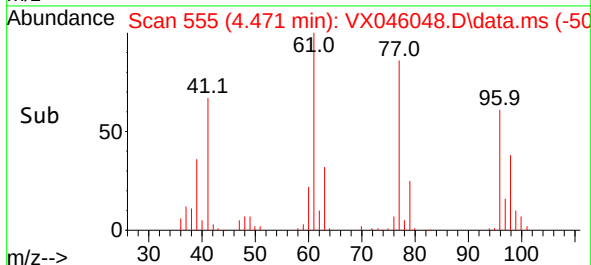
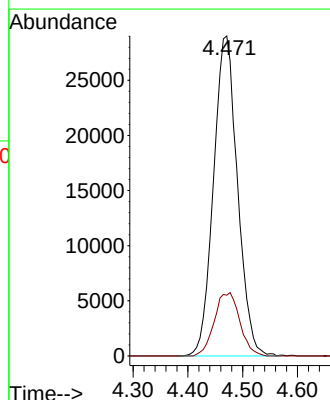
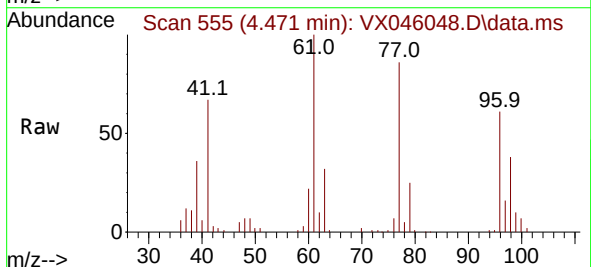
Manual Integrations
APPROVED

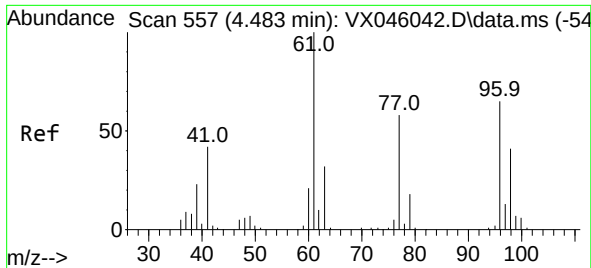
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#26
2,2-Dichloropropane
Concen: 49.934 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 77 Resp: 88229
Ion Ratio Lower Upper
77 100
97 21.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 50.956 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVX050525

Tgt Ion: 96 Resp: 6772

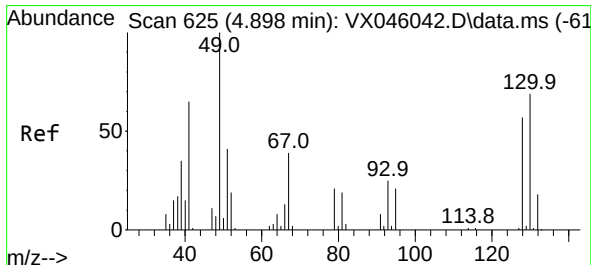
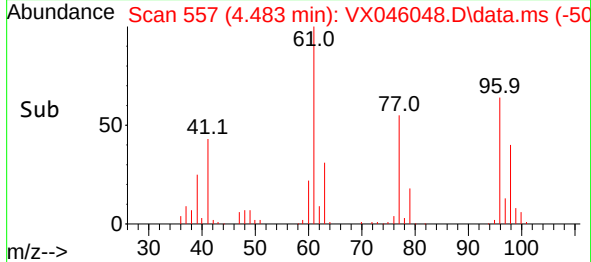
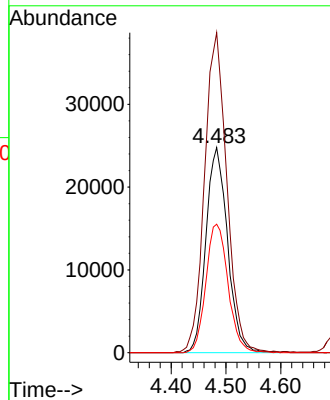
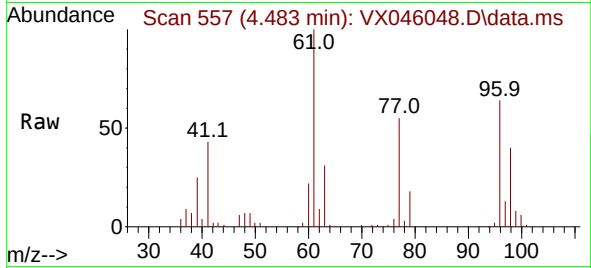
Ion	Ratio	Lower	Upper
96	100		
61	160.7	0.0	322.8
98	64.4	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#28

Bromochloromethane

Concen: 50.975 ug/l

RT: 4.891 min Scan# 624

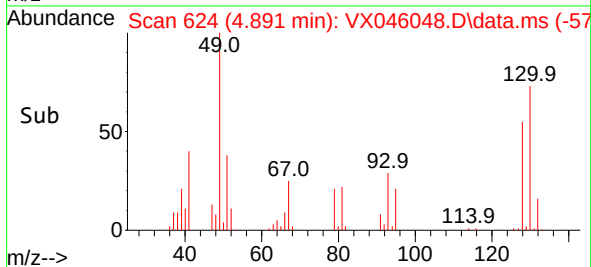
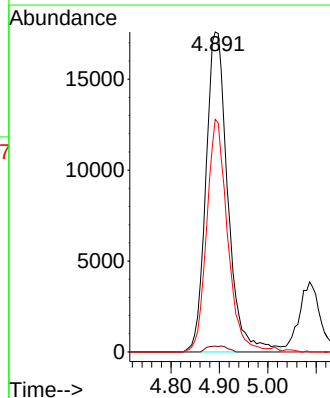
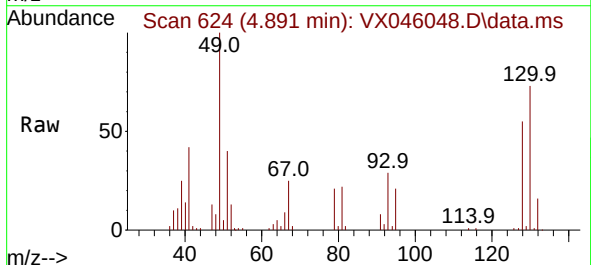
Delta R.T. -0.006 min

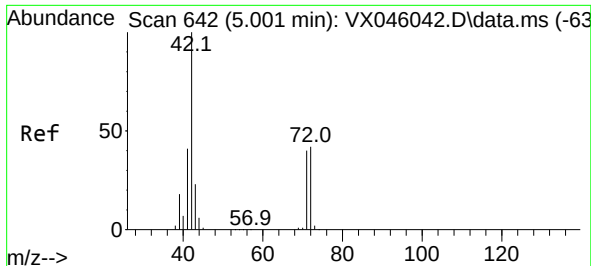
Lab File: VX046048.D

Acq: 05 May 2025 16:50

Tgt Ion: 49 Resp: 55390

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	68.7	56.2	84.2





#29

Tetrahydrofuran

Concen: 259.958 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVX050525

Tgt Ion: 42 Resp: 163679

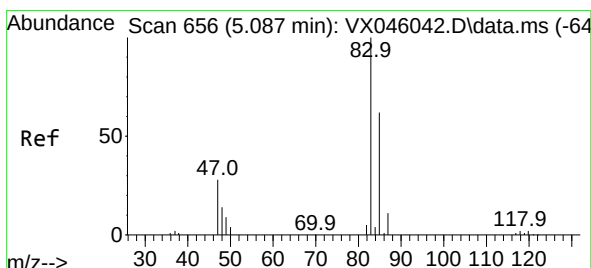
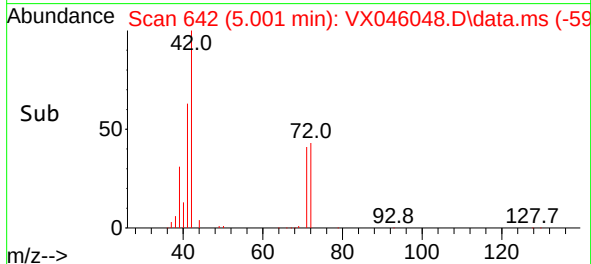
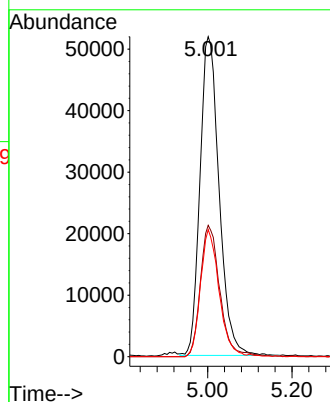
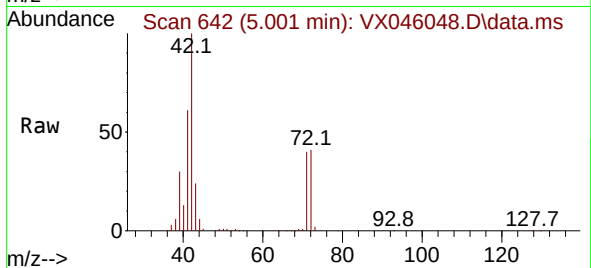
Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.7	50.5
71	38.5	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#30

Chloroform

Concen: 51.332 ug/l

RT: 5.093 min Scan# 657

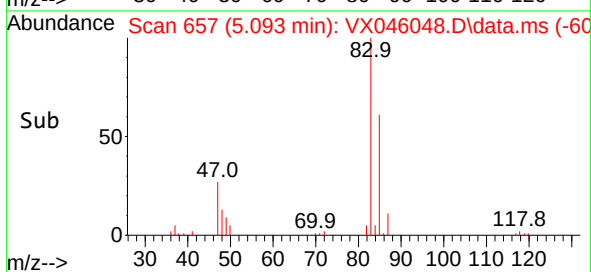
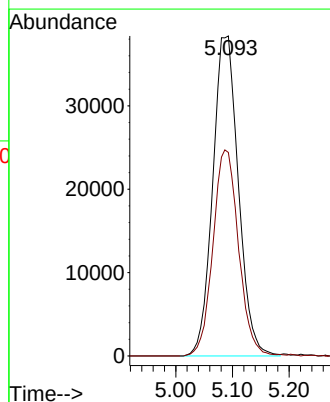
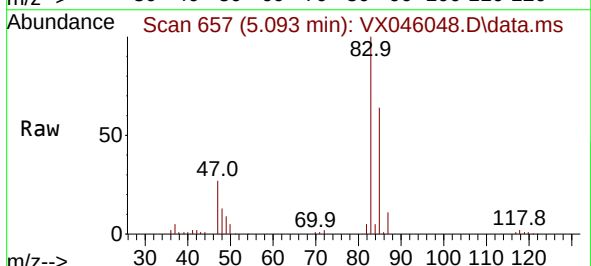
Delta R.T. 0.006 min

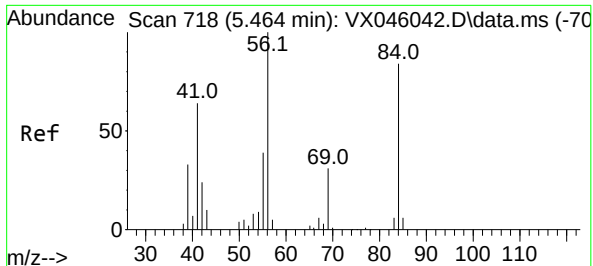
Lab File: VX046048.D

Acq: 05 May 2025 16:50

Tgt Ion: 83 Resp: 120782

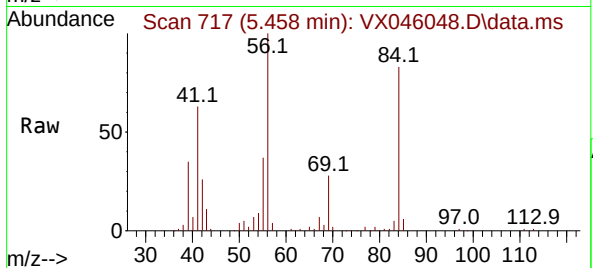
Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.3	73.9





#31
Cyclohexane
Concen: 50.147 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

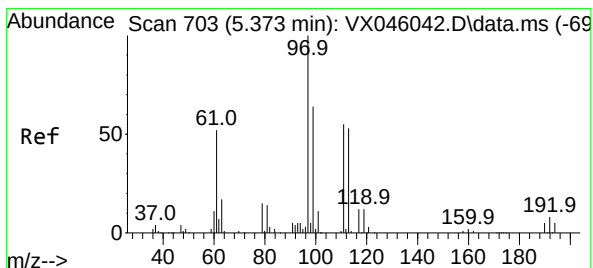
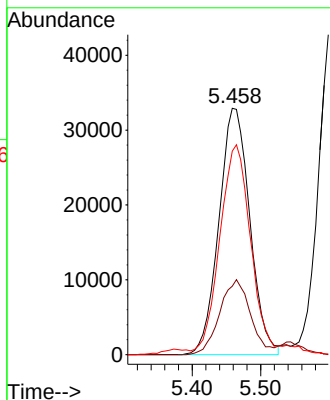
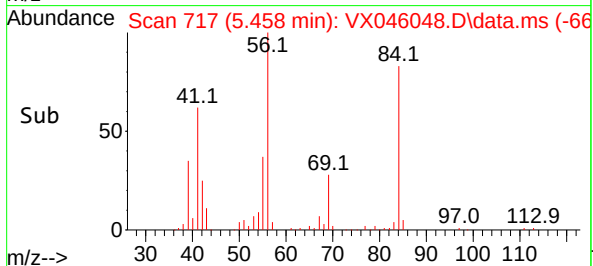
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



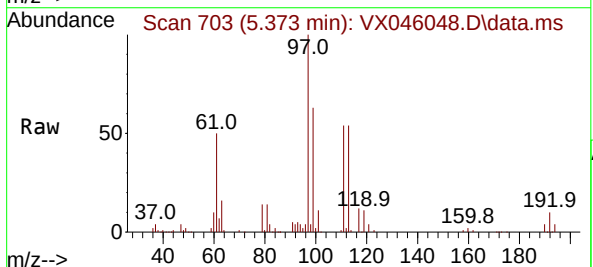
Tgt Ion: 56 Resp: 103158
Ion Ratio Lower Upper
56 100
69 27.8 24.4 36.6
84 80.5 66.9 100.3

Manual Integrations
APPROVED

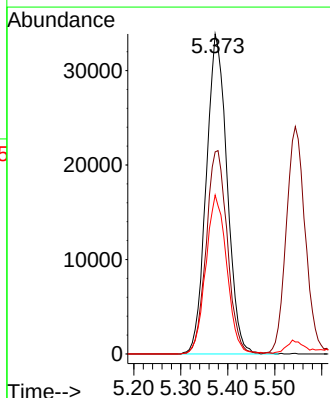
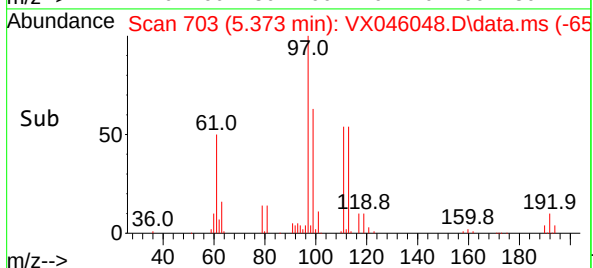
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

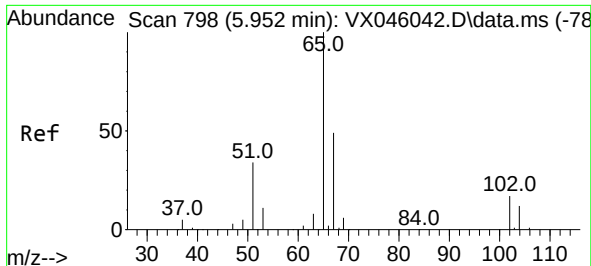


#32
1,1,1-Trichloroethane
Concen: 51.108 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50



Tgt Ion: 97 Resp: 104243
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 50.2 40.1 60.1





#33
 1,2-Dichloroethane-d4
 Concen: 48.509 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046048.D
 Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

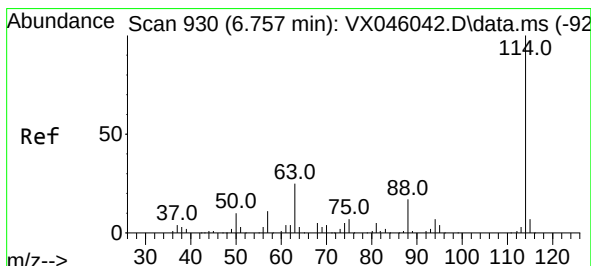
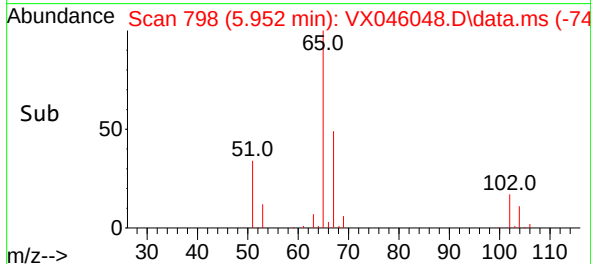
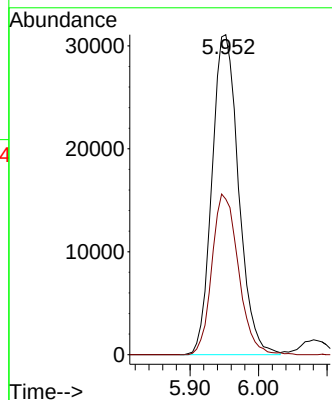
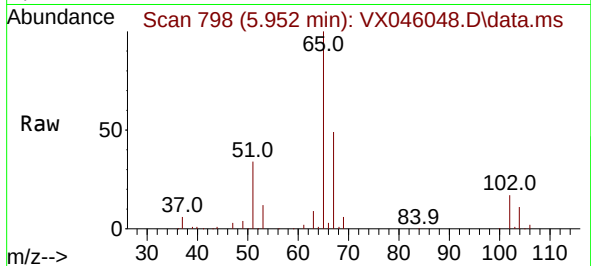
ICVVX050525

Tgt Ion: 65 Resp: 8373
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.0

Manual Integrations

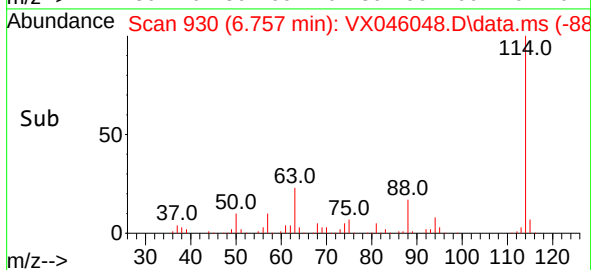
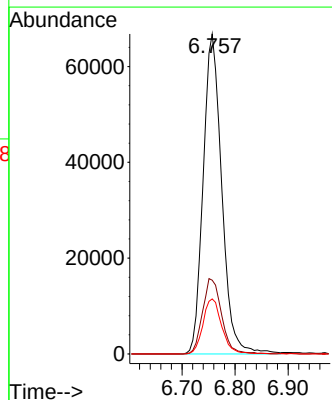
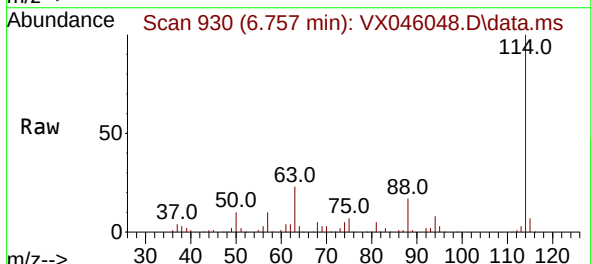
APPROVED

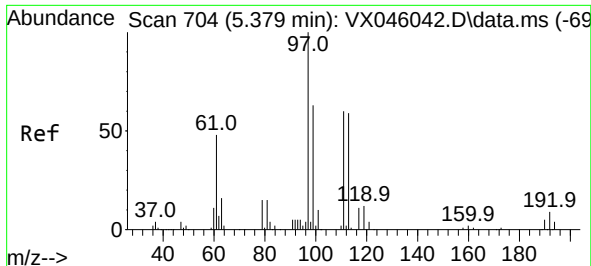
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046048.D
 Acq: 05 May 2025 16:50

Tgt Ion:114 Resp: 162651
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 49.2
 88 17.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.683 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVX050525

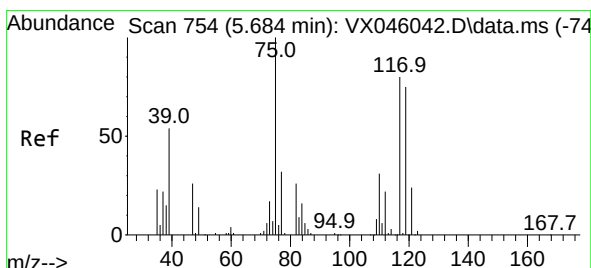
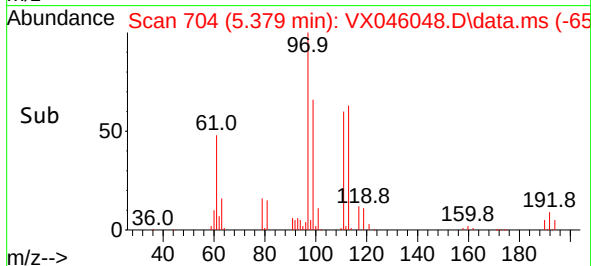
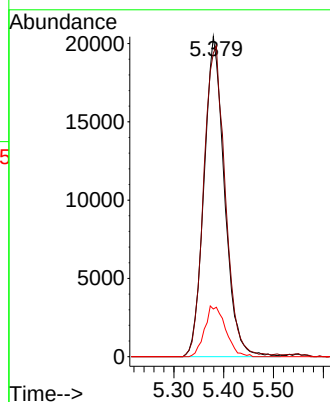
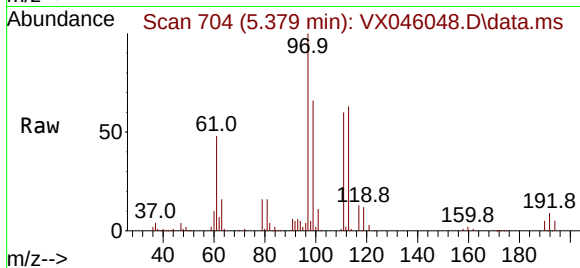
Tgt Ion:	113	Resp:	5819
Ion Ratio	Lower	Upper	
113	100		
111	102.1	83.1	124.7
192	16.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#36

1,1-Dichloropropene

Concen: 49.521 ug/l

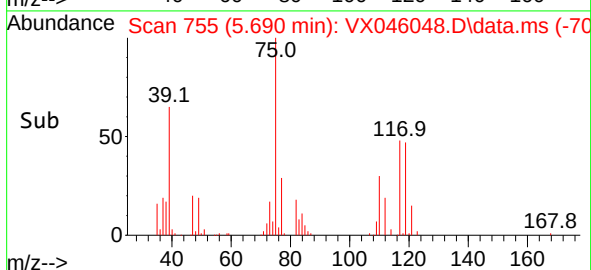
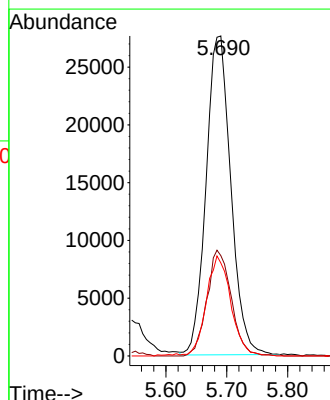
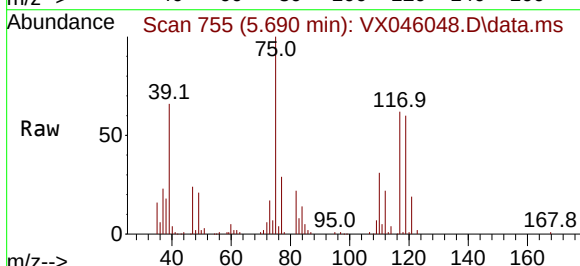
RT: 5.690 min Scan# 755

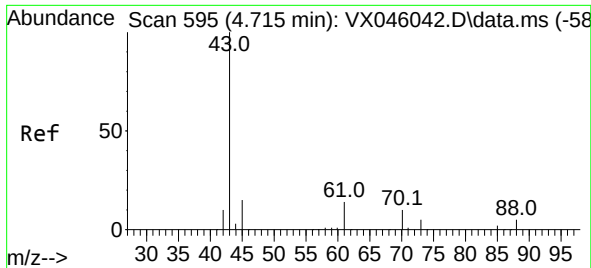
Delta R.T. 0.006 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

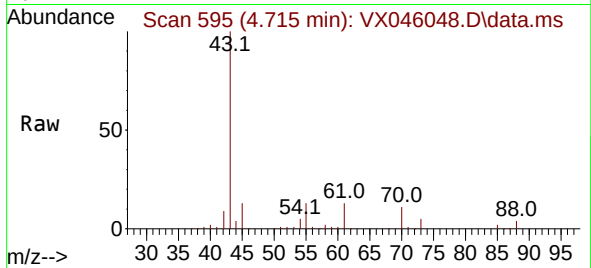
Tgt Ion:	75	Resp:	77931
Ion Ratio	Lower	Upper	
75	100		
110	32.7	16.3	48.9
77	31.1	24.3	36.5





#37
Ethyl Acetate
Concen: 50.714 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

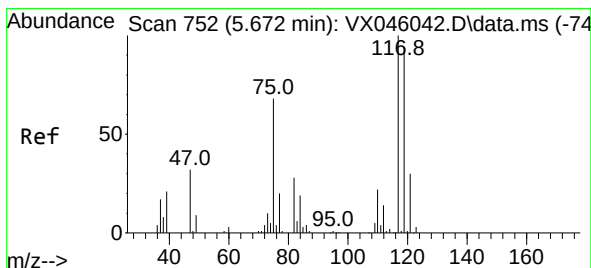
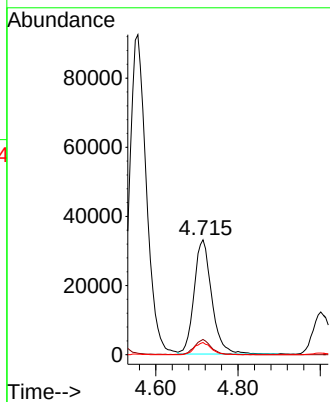
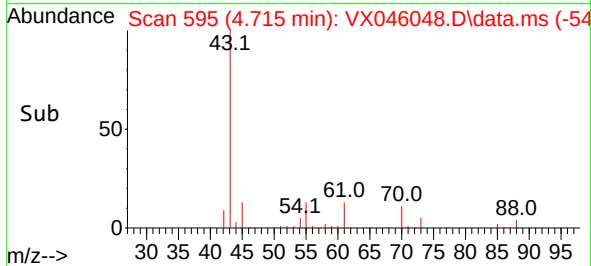
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion: 43 Resp: 98604
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 10.0 7.9 11.9

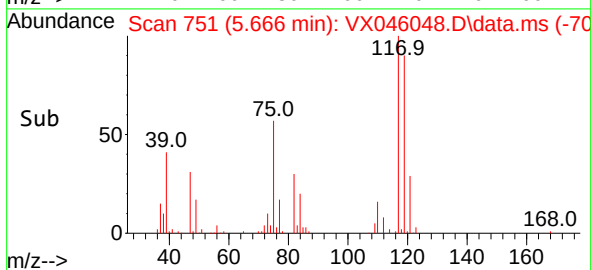
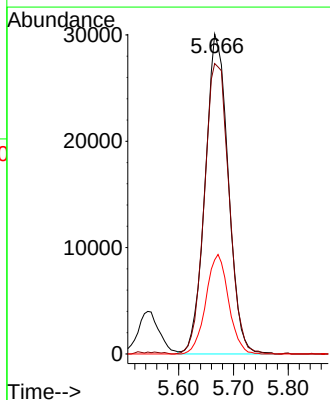
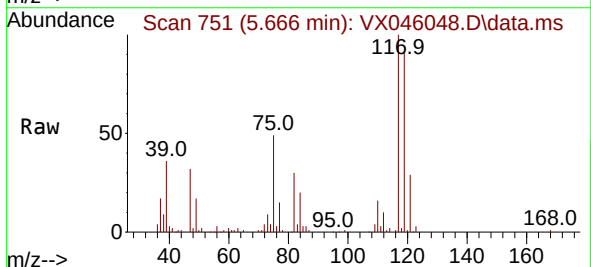
Manual Integrations
APPROVED

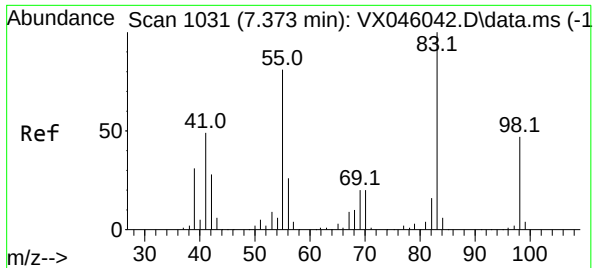
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#38
Carbon Tetrachloride
Concen: 49.825 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:117 Resp: 88100
Ion Ratio Lower Upper
117 100
119 90.7 75.2 112.8
121 29.4 24.2 36.4





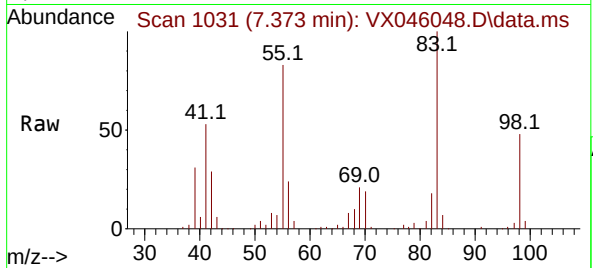
#39
Methylcyclohexane
Concen: 49.757 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVX050525



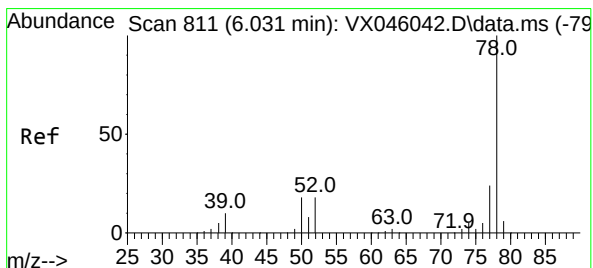
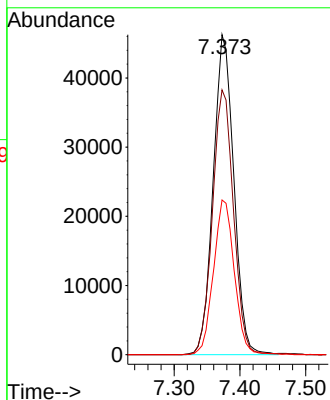
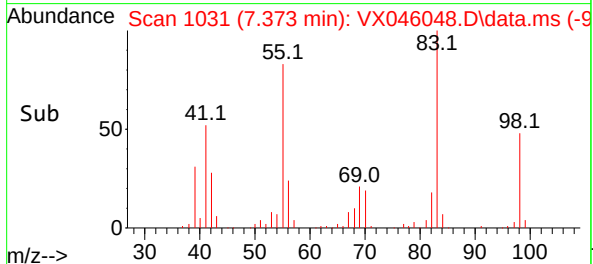
Tgt Ion: 83 Resp: 100808
Ion Ratio Lower Upper
83 100
55 82.7 64.7 97.1
98 48.3 37.4 56.2

Manual Integrations

APPROVED

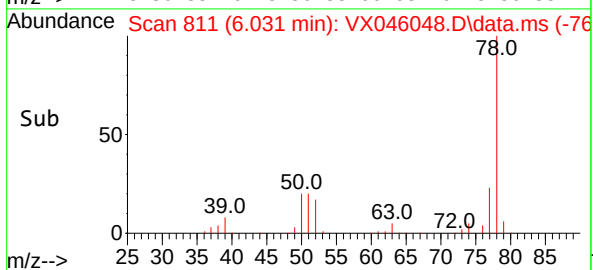
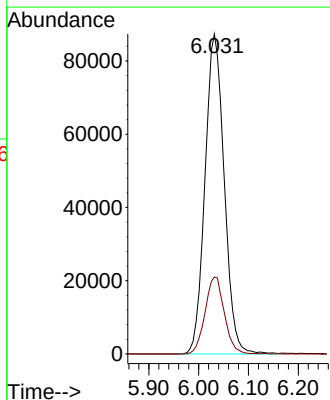
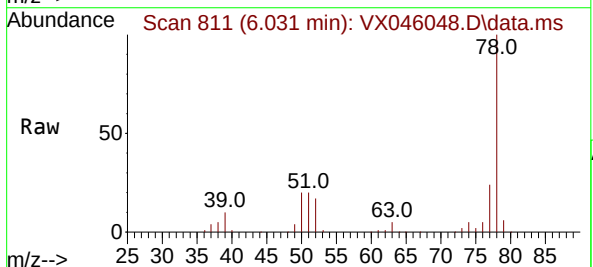
Reviewed By :John Carlone 05/06/2025

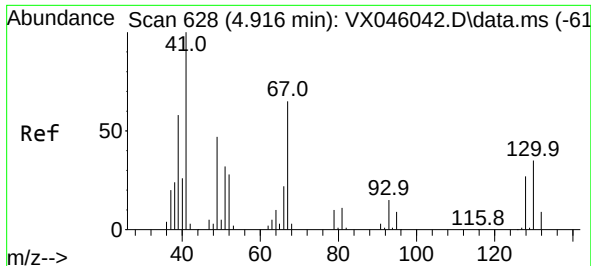
Supervised By :Mahesh Dadoda 05/06/2025



#40
Benzene
Concen: 50.759 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

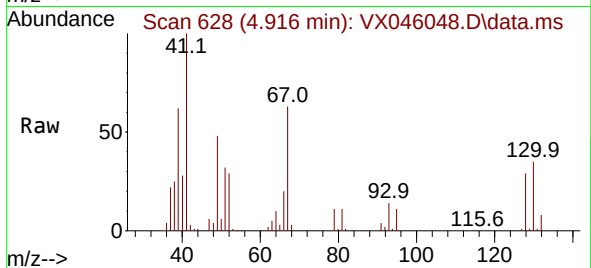
Tgt Ion: 78 Resp: 233977
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 55.076 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

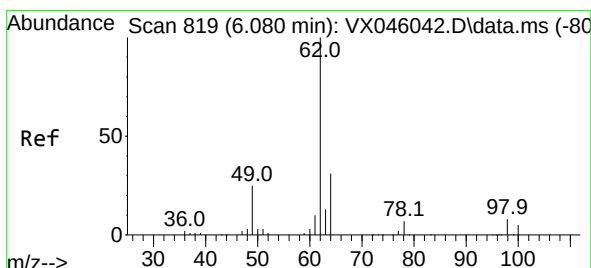
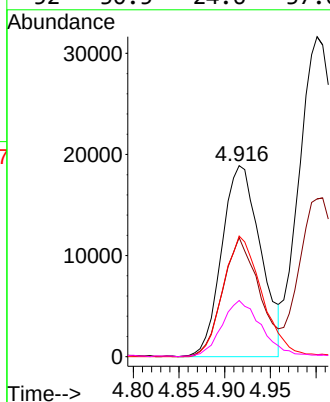
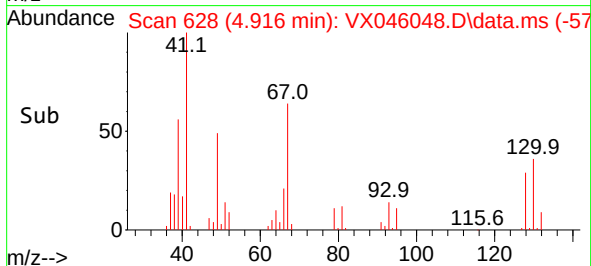
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion:	41	Resp:	5601
Ion Ratio	100	Lower	Upper
39	58.7	47.2	70.8
67	63.7	50.7	76.1
52	30.5	24.6	37.0

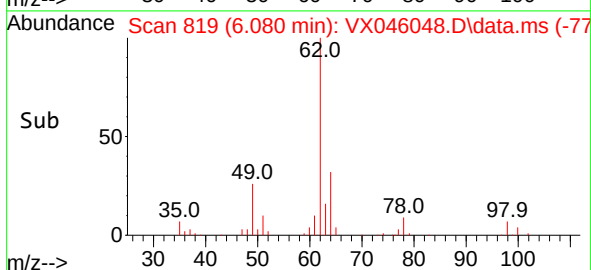
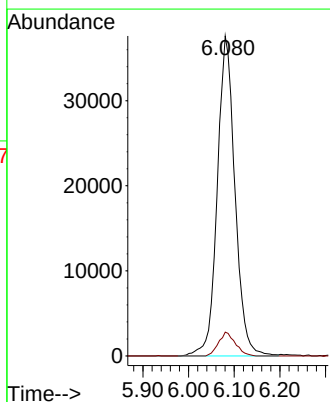
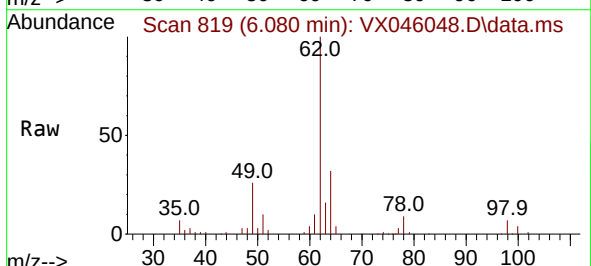
Manual Integrations
APPROVED

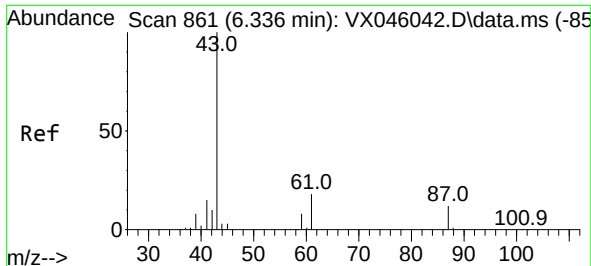
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#42
1,2-Dichloroethane
Concen: 50.861 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:	62	Resp:	101185
Ion Ratio	100	Lower	Upper
98	7.1	0.0	15.2





#43

Isopropyl Acetate

Concen: 52.195 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX046048.D

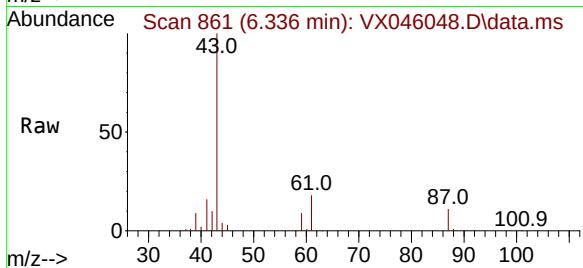
Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVX050525



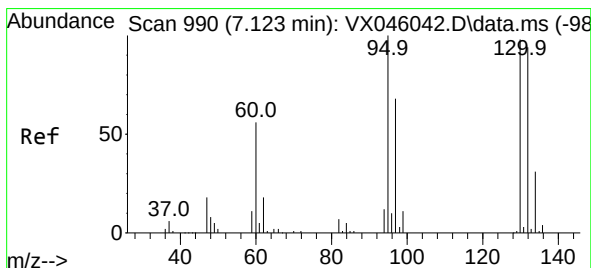
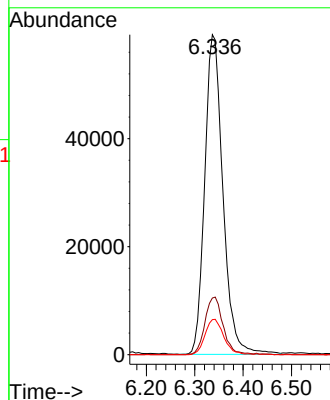
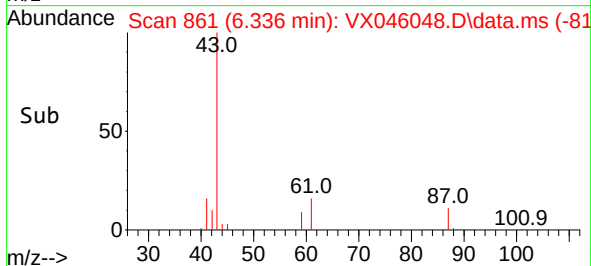
Tgt Ion:	43	Resp:	154818
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.3	21.5
87	11.4	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#44

Trichloroethene

Concen: 50.018 ug/l

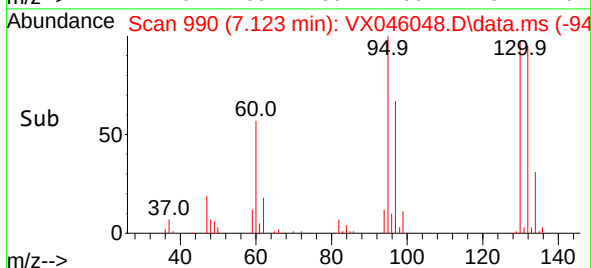
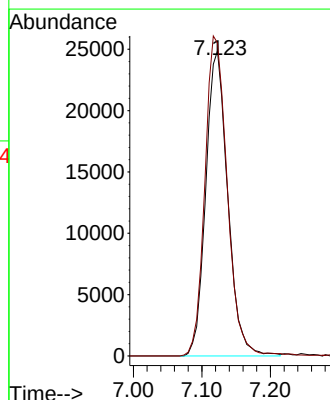
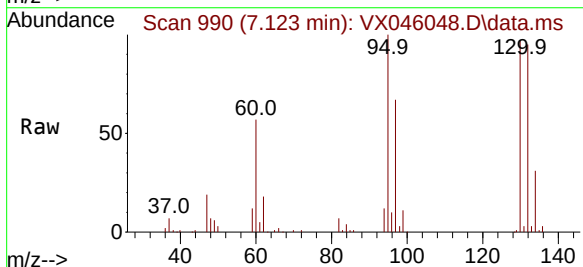
RT: 7.123 min Scan# 990

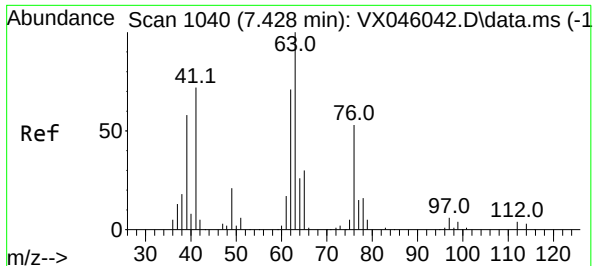
Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Tgt Ion:	130	Resp:	55491
Ion Ratio	Lower	Upper	
130	100		
95	102.6	0.0	204.2





#45

1,2-Dichloropropane

Concen: 51.983 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVX050525

Tgt Ion: 63 Resp: 5958

Ion Ratio Lower Upper

63 100

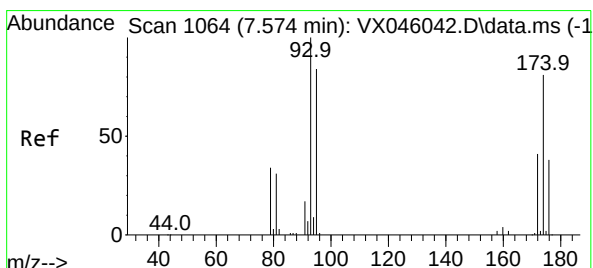
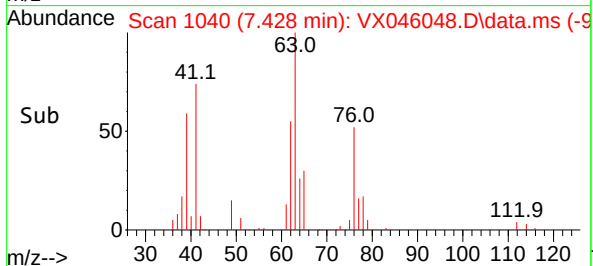
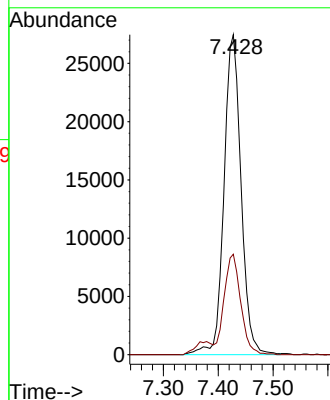
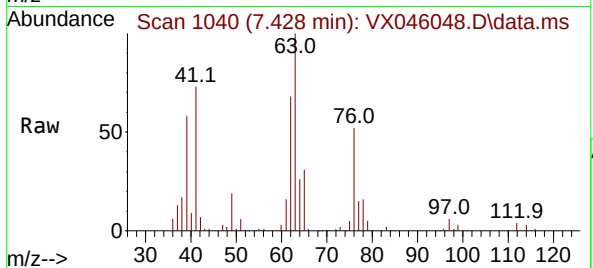
65 31.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#46

Dibromomethane

Concen: 49.978 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

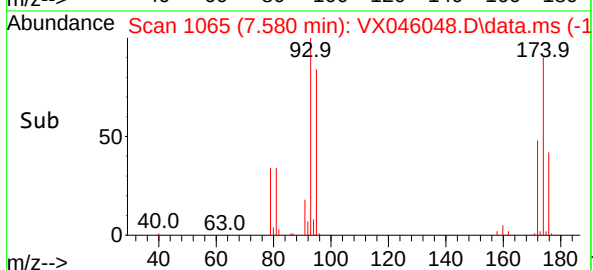
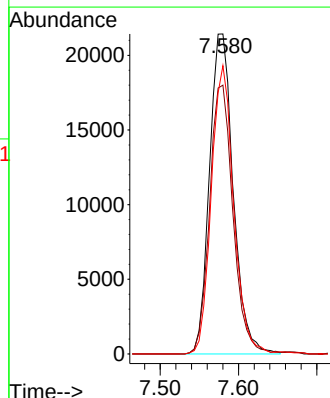
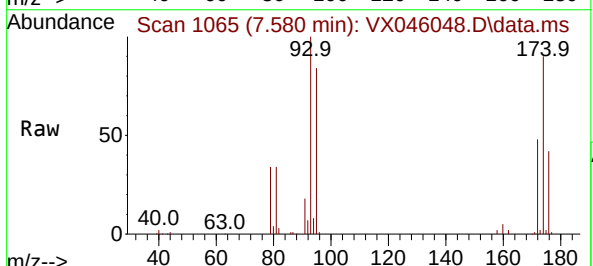
Tgt Ion: 93 Resp: 45181

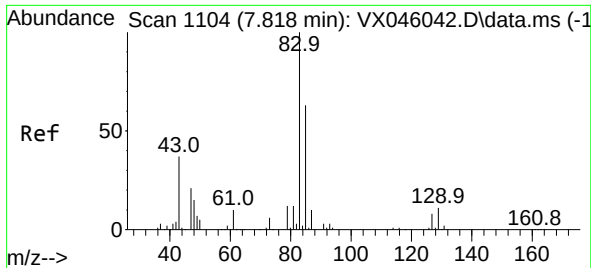
Ion Ratio Lower Upper

93 100

95 83.0 65.6 98.4

174 84.8 68.2 102.2





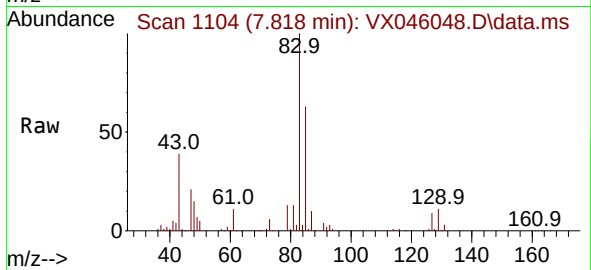
#47
Bromodichloromethane
Concen: 51.889 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVX050525



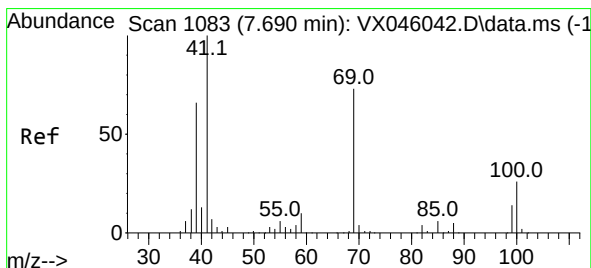
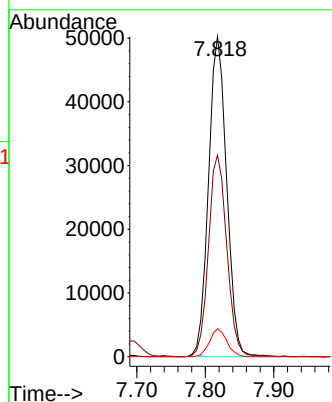
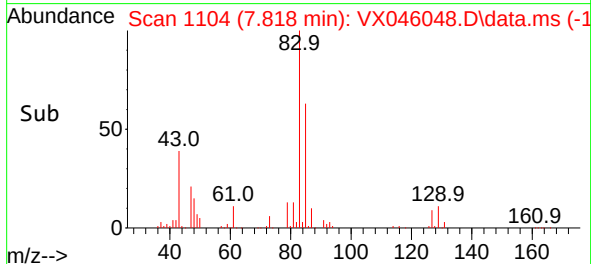
Tgt Ion: 83 Resp: 9238
Ion Ratio Lower Upper
83 100
85 63.0 50.5 75.7
127 8.8 6.5 9.7

Manual Integrations

APPROVED

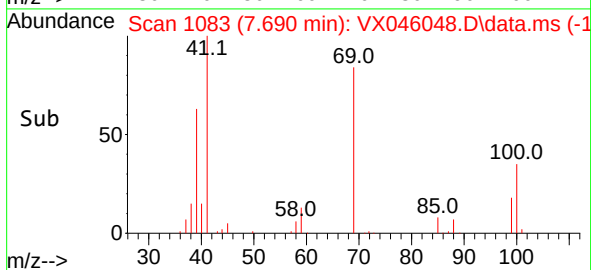
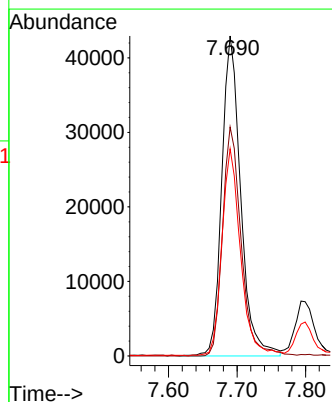
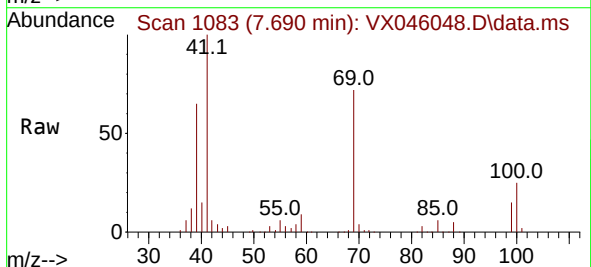
Reviewed By :John Carlone 05/06/2025

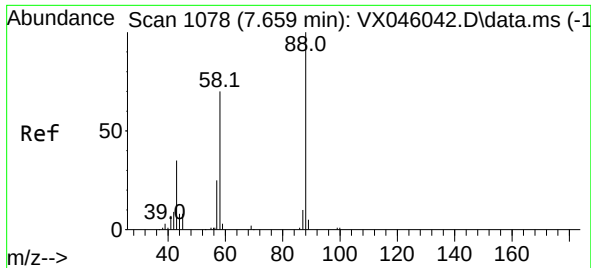
Supervised By :Mahesh Dadoda 05/06/2025



#48
Methyl methacrylate
Concen: 54.226 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

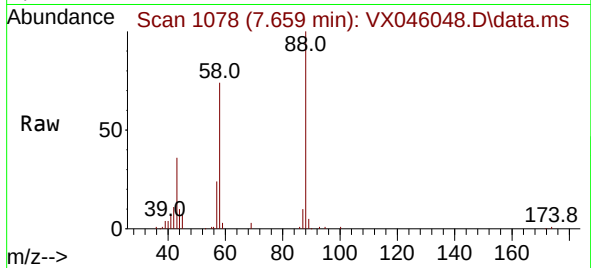
Tgt Ion: 41 Resp: 82144
Ion Ratio Lower Upper
41 100
69 70.4 58.5 87.7
39 64.2 51.7 77.5





#49
1,4-Dioxane
Concen: 1059.599 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

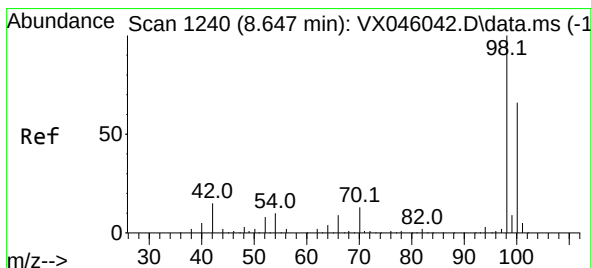
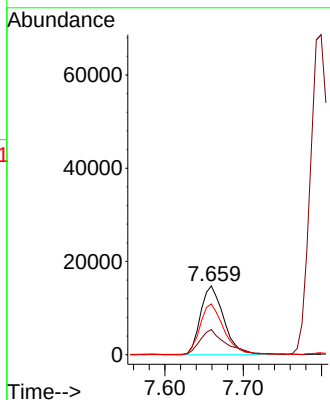
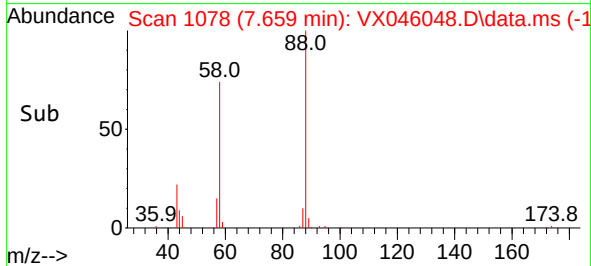
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion: 88 Resp: 3047
Ion Ratio Lower Upper
88 100
43 39.9 33.4 50.2
58 76.2 58.6 88.0

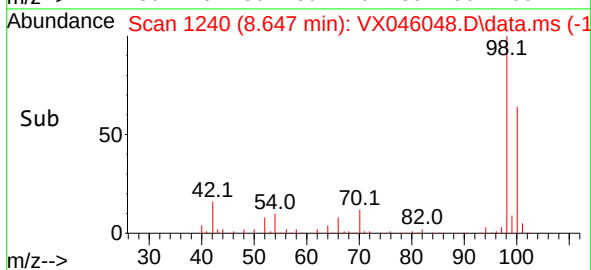
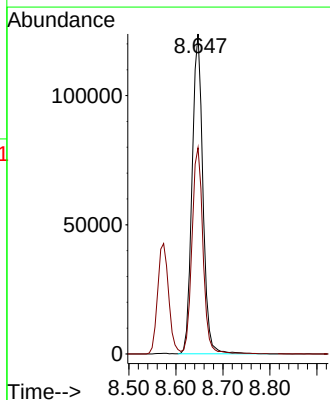
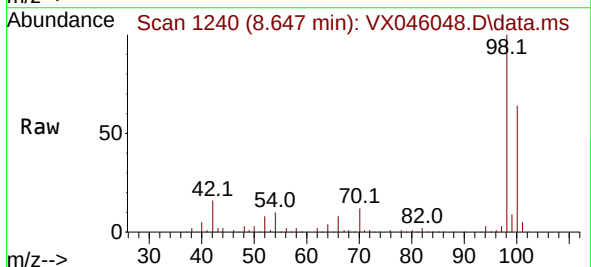
Manual Integrations
APPROVED

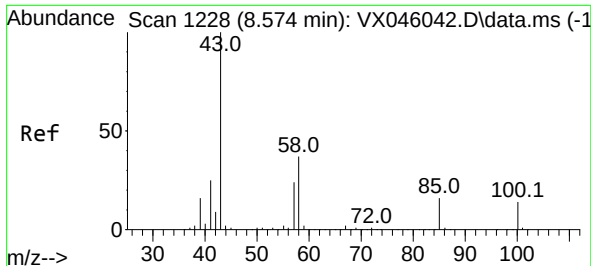
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#50
Toluene-d8
Concen: 48.984 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

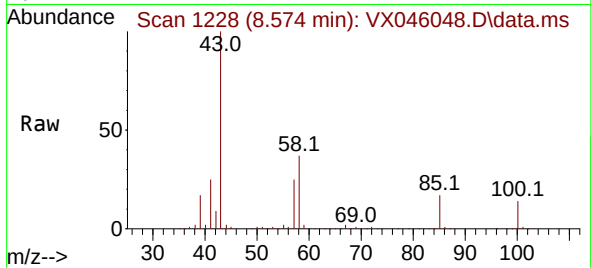
Tgt Ion: 98 Resp: 198575
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 259.133 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

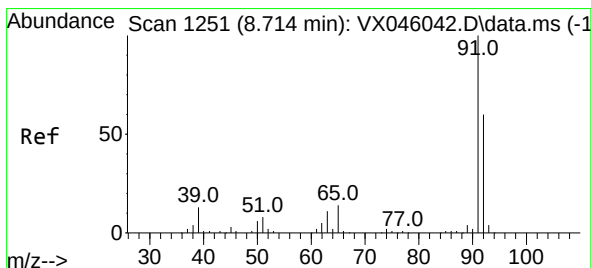
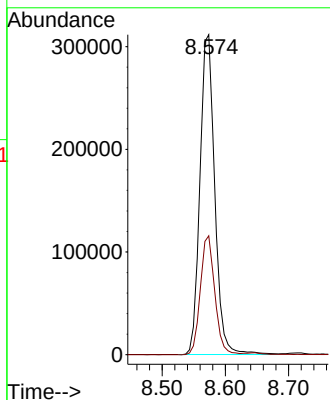
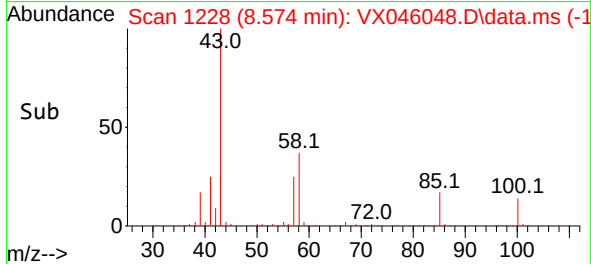
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion: 43 Resp: 510200
Ion Ratio Lower Upper
43 100
58 36.1 28.9 43.3

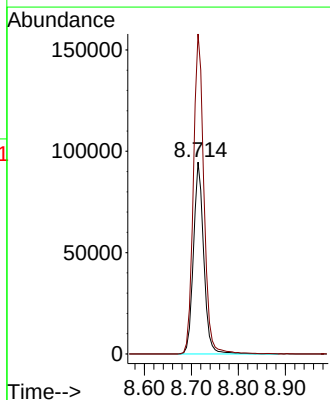
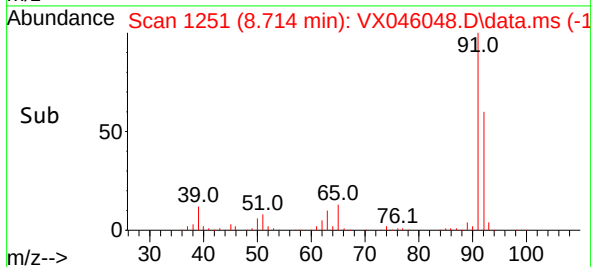
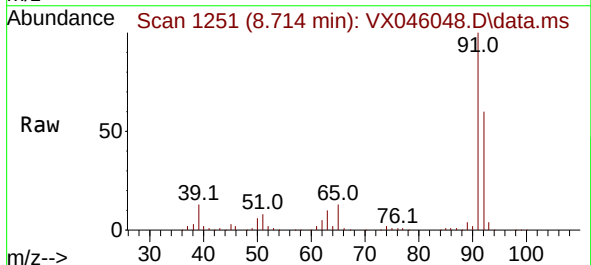
Manual Integrations
APPROVED

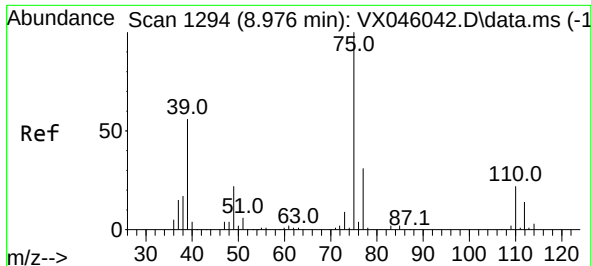
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#52
Toluene
Concen: 51.150 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 92 Resp: 144574
Ion Ratio Lower Upper
92 100
91 171.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 52.920 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050525

Tgt Ion: 75 Resp: 8375

Ion Ratio Lower Upper

75 100

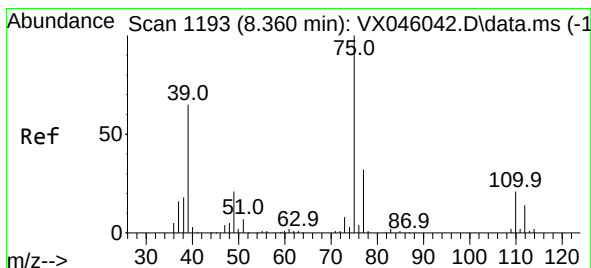
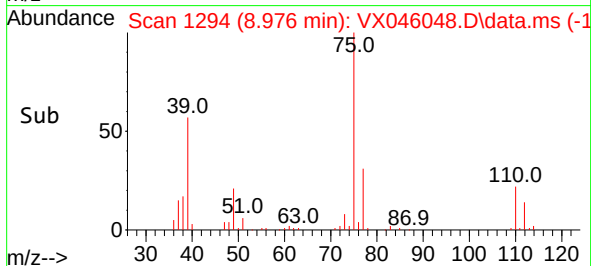
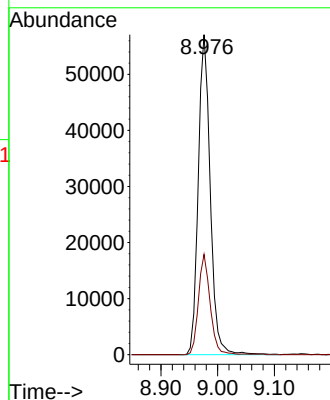
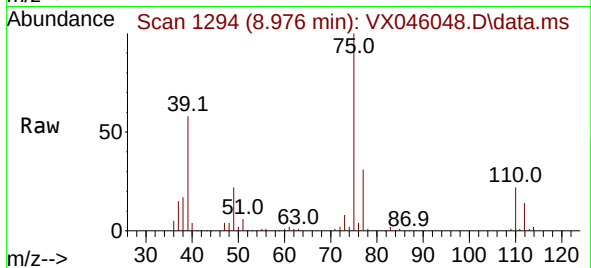
77 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#54

cis-1,3-Dichloropropene

Concen: 52.892 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

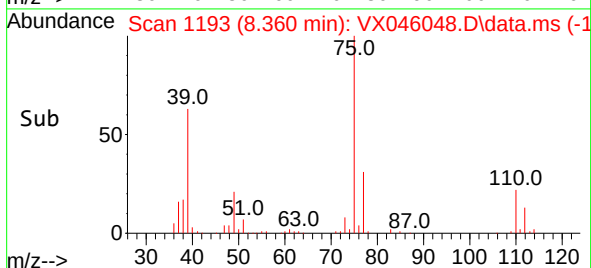
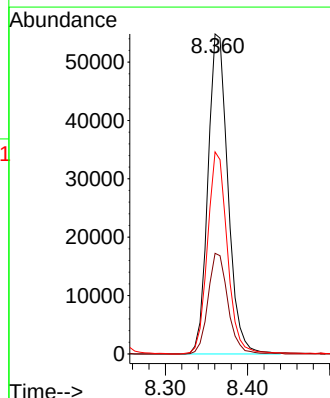
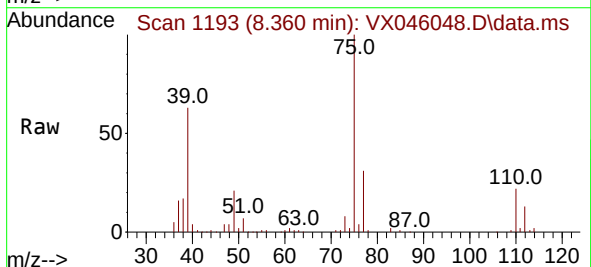
Tgt Ion: 75 Resp: 92517

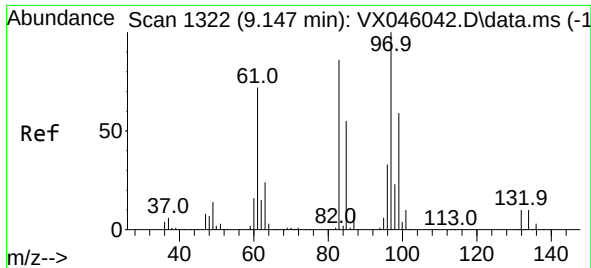
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

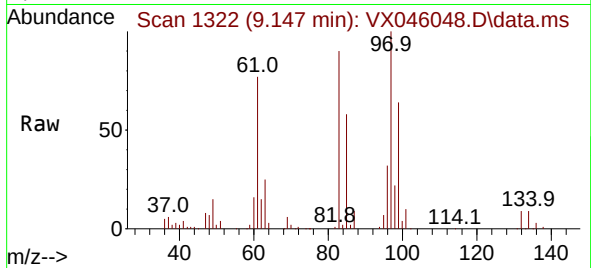
39 63.2 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 50.887 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

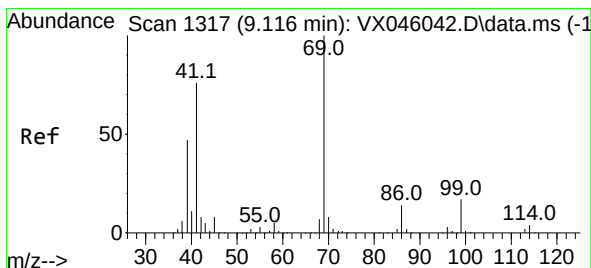
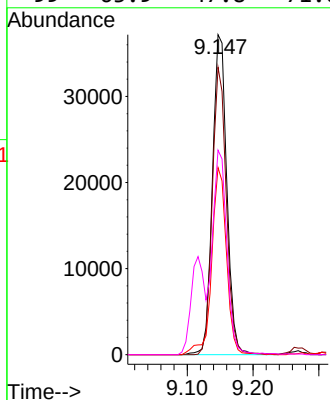
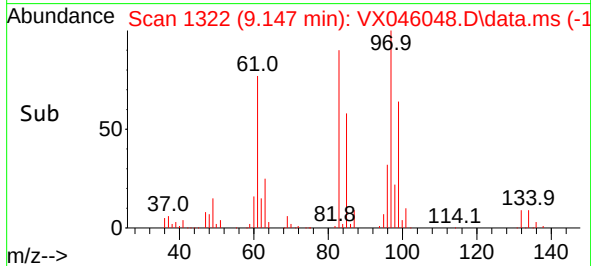
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



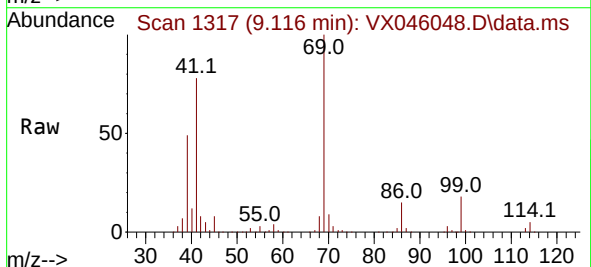
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	69.0	103.6
85	58.4	44.3	66.5
99	63.9	47.8	71.6

Manual Integrations
APPROVED

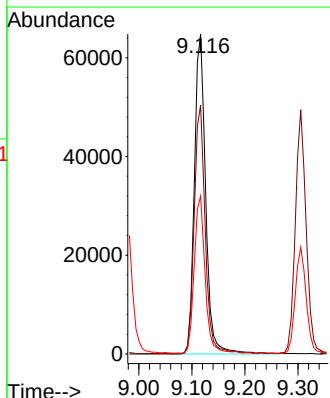
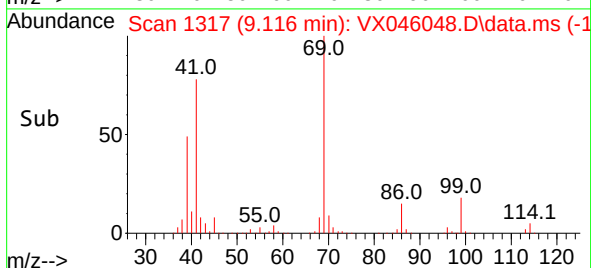
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

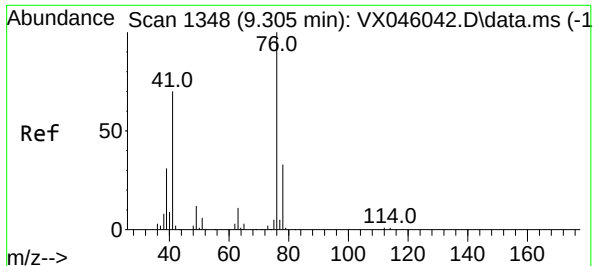


#56
Ethyl methacrylate
Concen: 53.918 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50



Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.1	60.8	91.2
39	47.4	39.0	58.6





#57

1,3-Dichloropropane

Concen: 49.793 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVX050525

Tgt Ion: 76 Resp: 9966

Ion Ratio Lower Upper

76 100

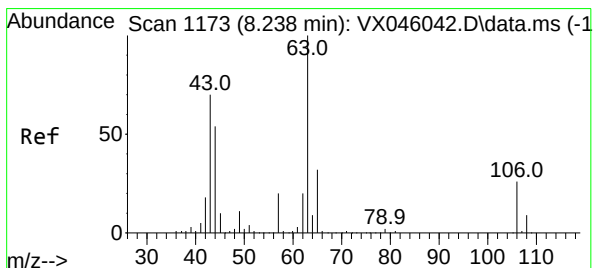
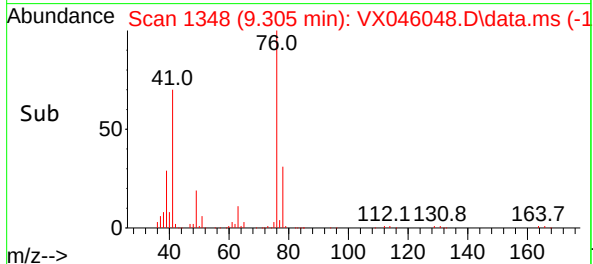
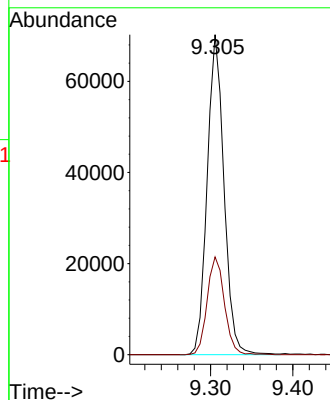
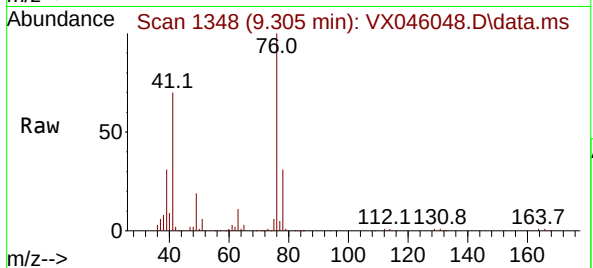
78 31.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 265.780 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046048.D

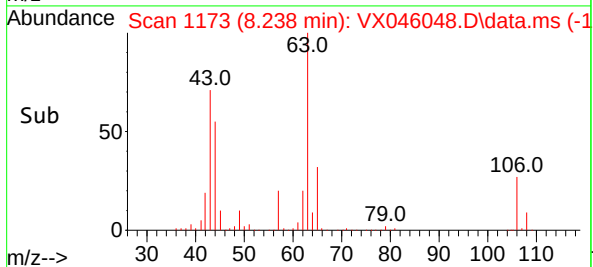
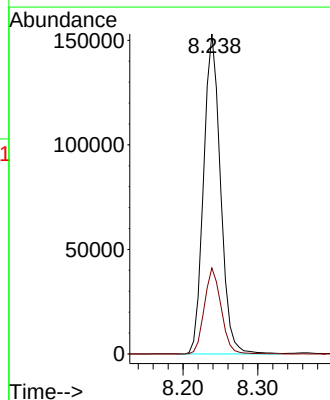
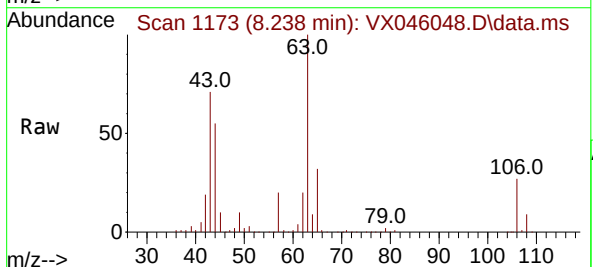
Acq: 05 May 2025 16:50

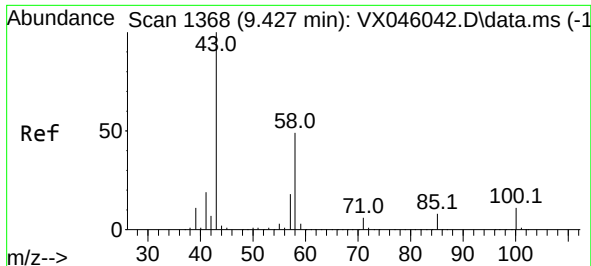
Tgt Ion: 63 Resp: 240681

Ion Ratio Lower Upper

63 100

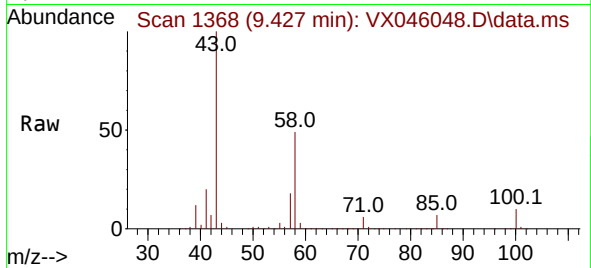
106 26.6 21.5 32.3





#59
2-Hexanone
Concen: 268.218 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

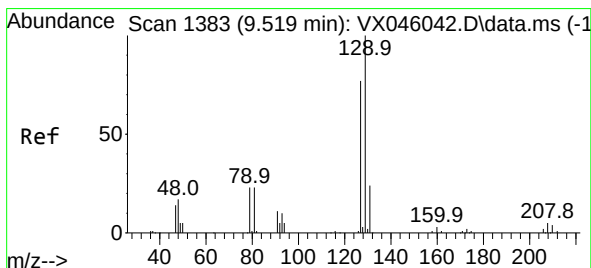
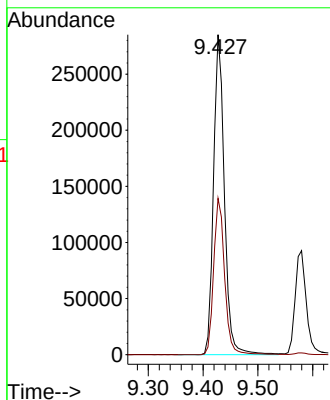
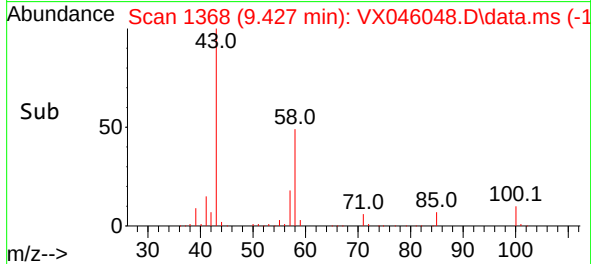
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion: 43 Resp: 39070
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6

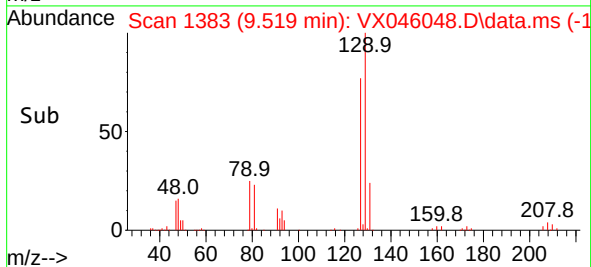
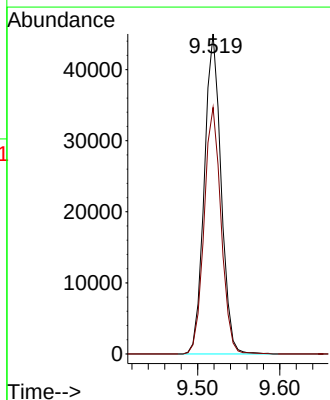
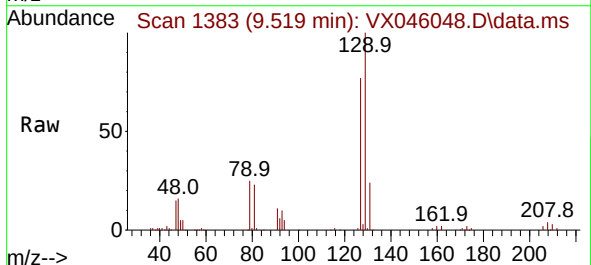
Manual Integrations
APPROVED

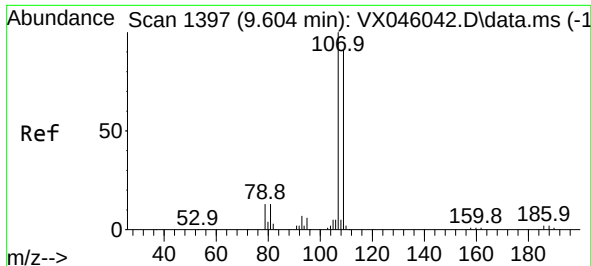
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#60
Dibromochloromethane
Concen: 52.075 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:129 Resp: 63738
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.8





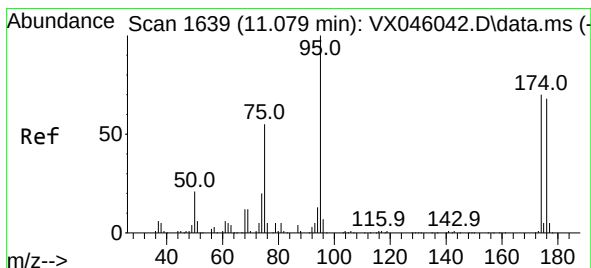
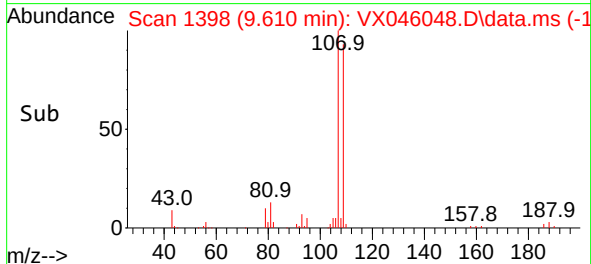
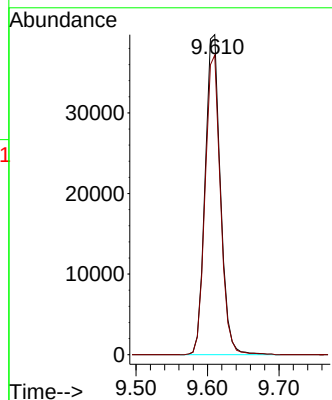
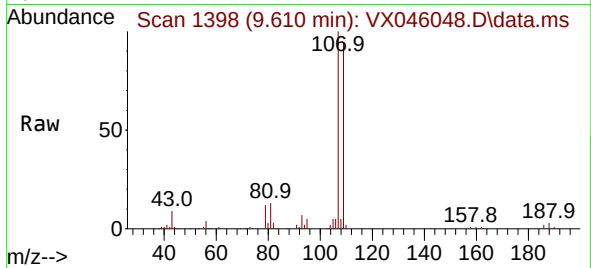
#61
1,2-Dibromoethane
Concen: 51.050 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:107 Resp: 59134
Ion Ratio Lower Upper
107 100
109 93.8 73.3 109.9

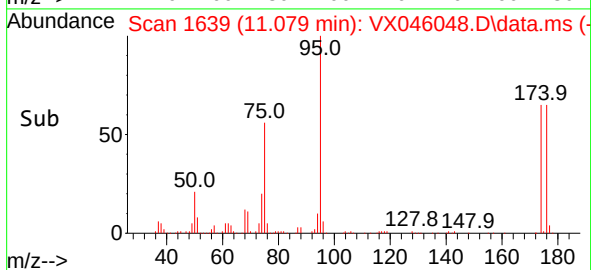
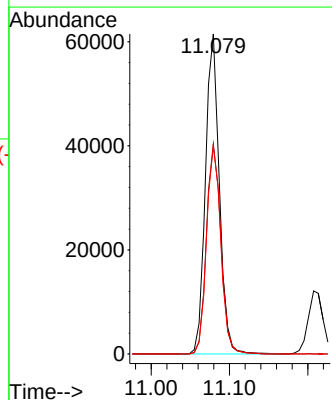
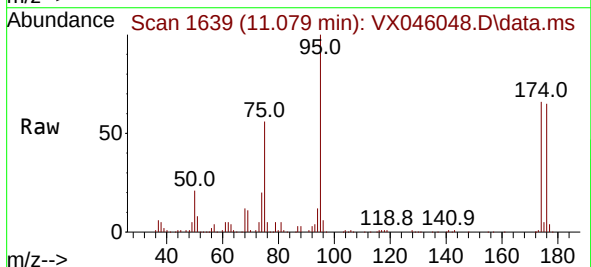
Manual Integrations
APPROVED

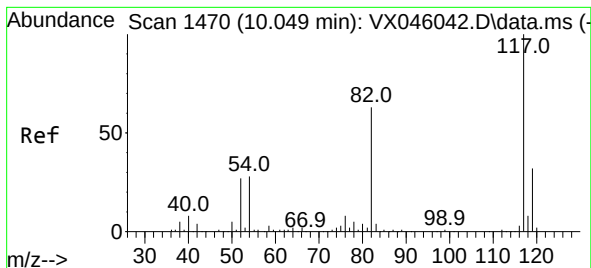
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#62
4-Bromofluorobenzene
Concen: 48.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

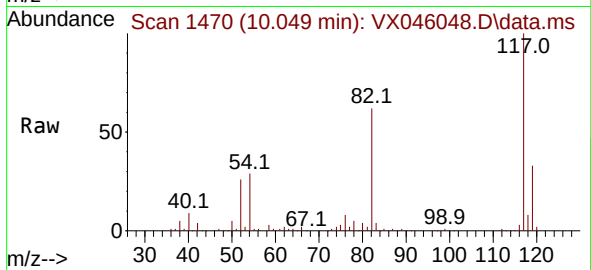
Tgt Ion: 95 Resp: 75568
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 66.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

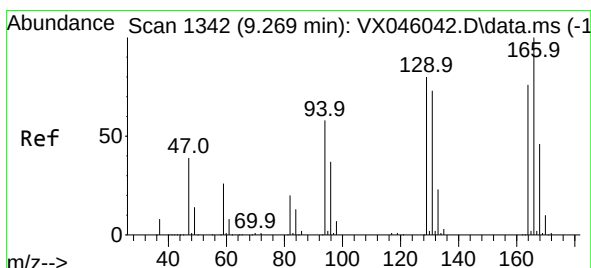
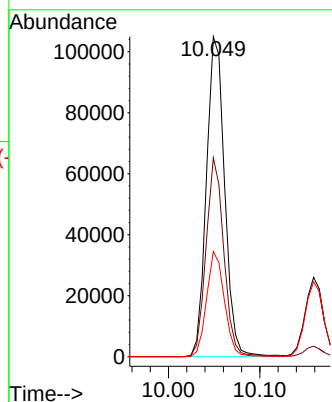
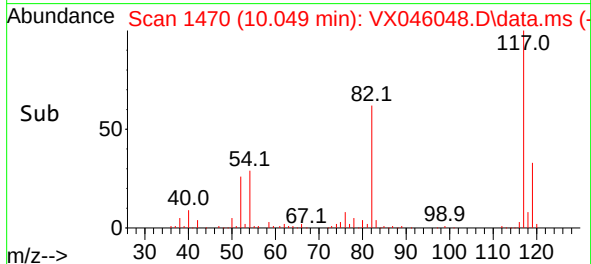
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion:117 Resp: 145078
Ion Ratio Lower Upper
117 100
82 62.1 50.6 76.0
119 32.9 25.8 38.6

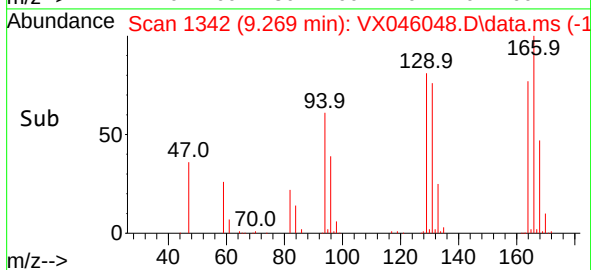
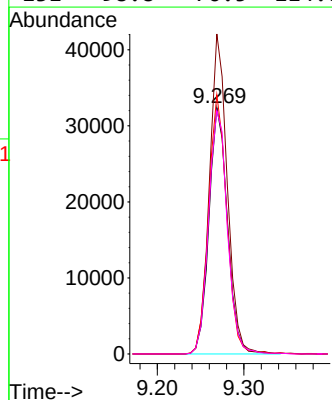
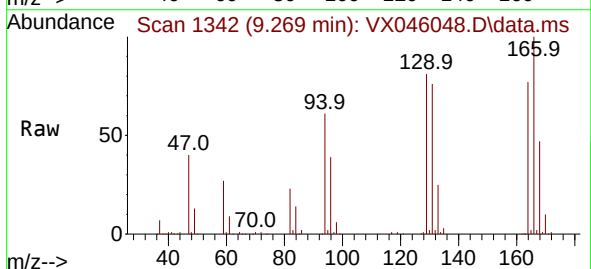
Manual Integrations
APPROVED

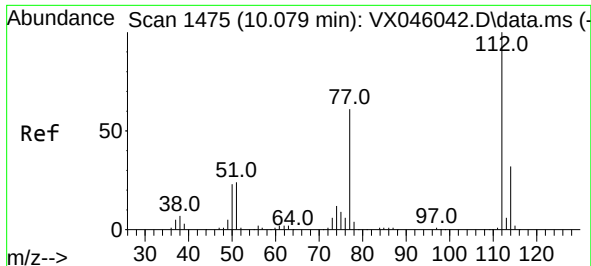
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#64
Tetrachloroethene
Concen: 46.795 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

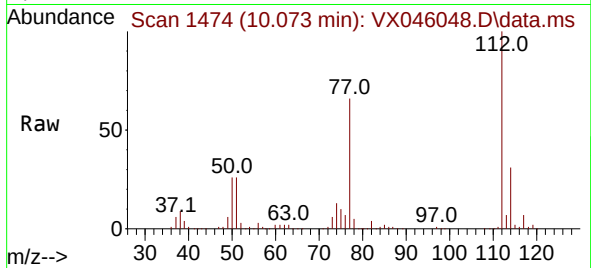
Tgt Ion:164 Resp: 48034
Ion Ratio Lower Upper
164 100
166 129.9 105.0 157.6
129 105.3 83.5 125.3
131 98.8 76.5 114.7





#65
Chlorobenzene
Concen: 48.699 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

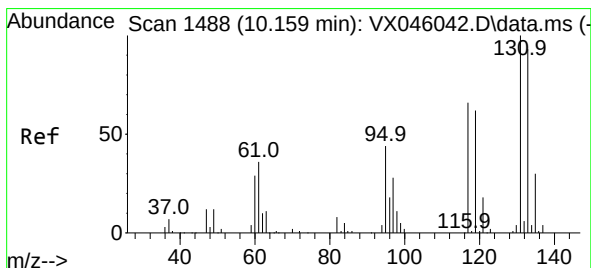
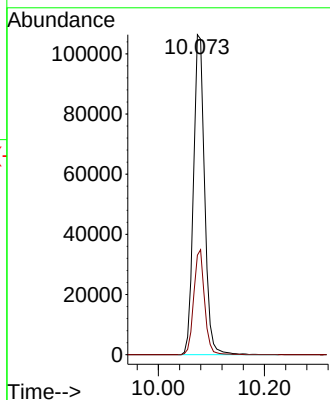
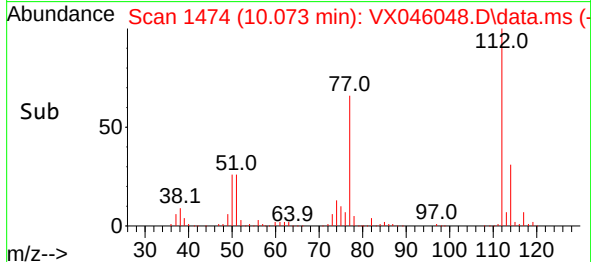
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



Tgt Ion:112 Resp: 154640
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

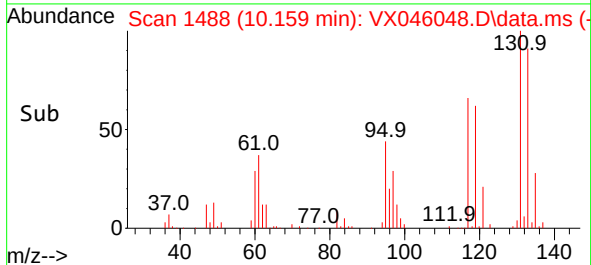
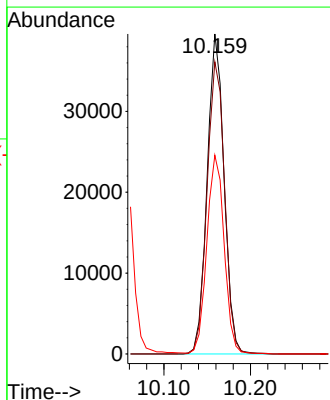
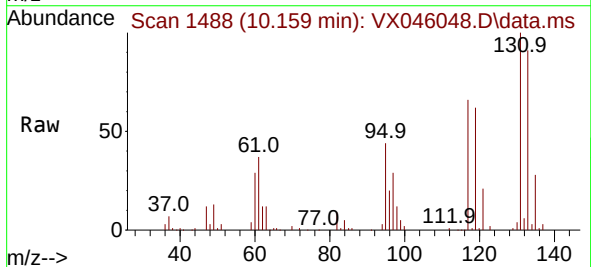
Manual Integrations
APPROVED

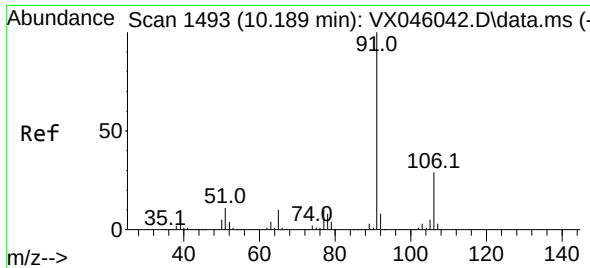
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.557 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

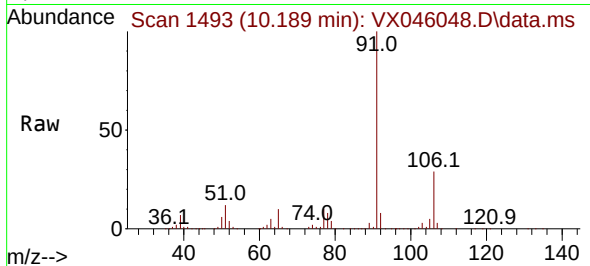
Tgt Ion:131 Resp: 53735
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 63.7 31.6 95.0





#67
Ethyl Benzene
Concen: 50.245 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

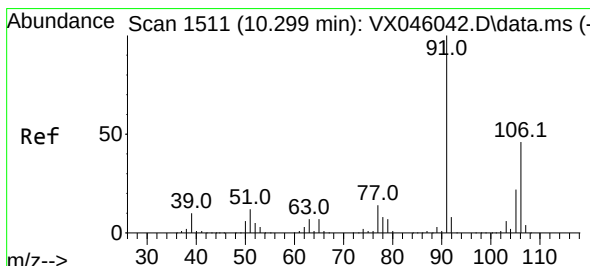
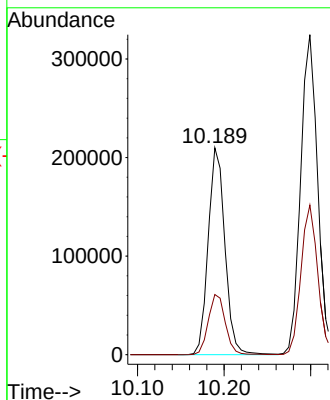
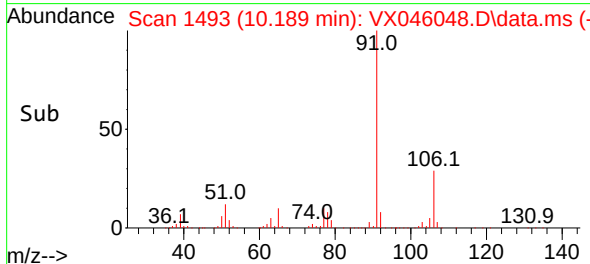
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



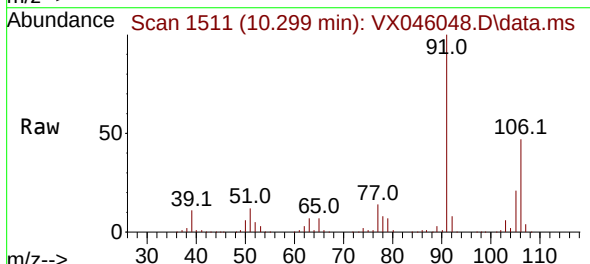
Tgt Ion: 91 Resp: 281239
Ion Ratio Lower Upper
91 100
106 29.1 23.4 35.2

Manual Integrations
APPROVED

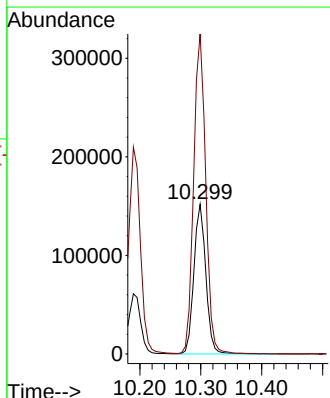
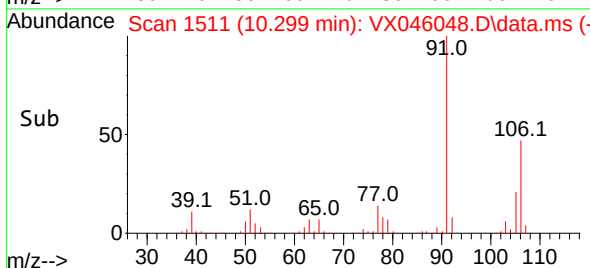
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

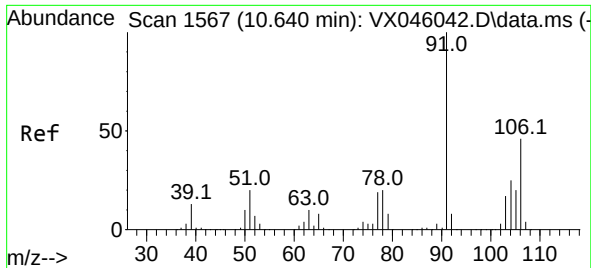


#68
m/p-Xylenes
Concen: 101.022 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50



Tgt Ion:106 Resp: 206813
Ion Ratio Lower Upper
106 100
91 215.6 171.2 256.8





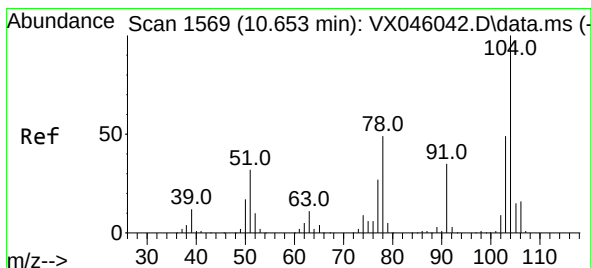
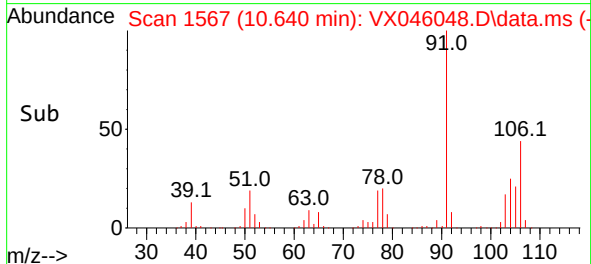
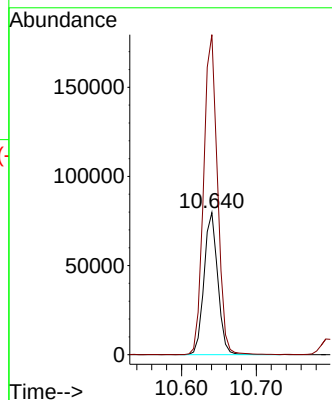
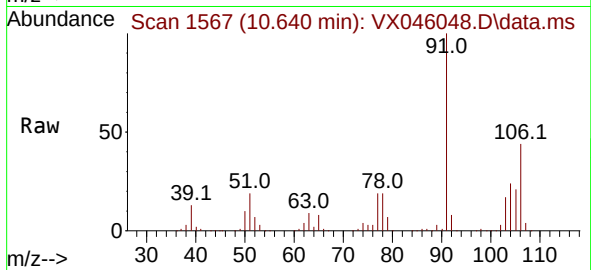
#69
o-Xylene
Concen: 50.841 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion:106 Resp: 101469
Ion Ratio Lower Upper
106 100
91 227.7 112.7 338.1

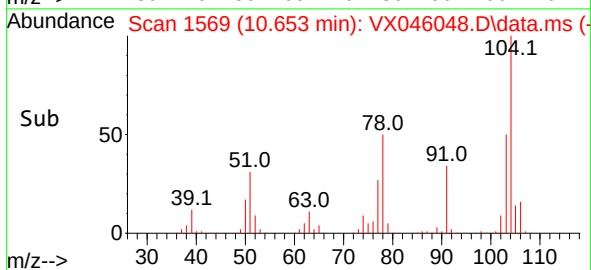
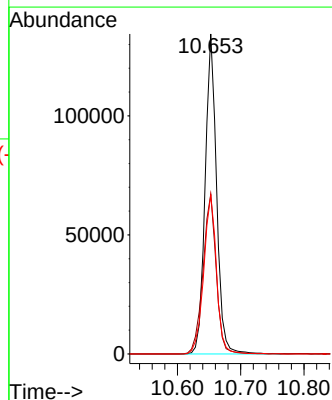
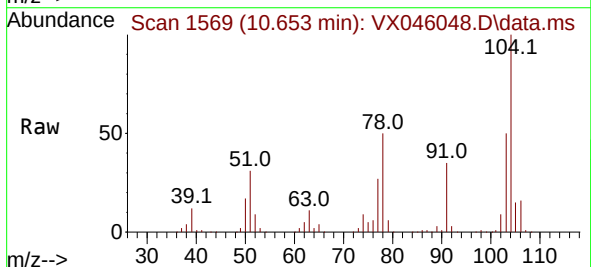
Manual Integrations
APPROVED

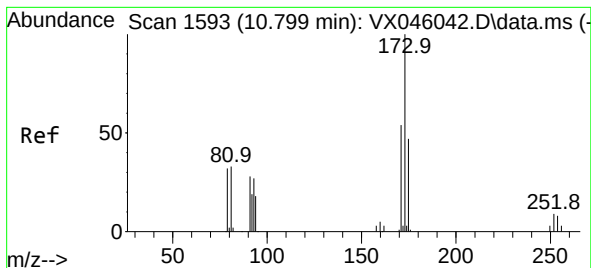
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#70
Styrene
Concen: 51.907 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion:104 Resp: 169703
Ion Ratio Lower Upper
104 100
78 57.6 45.7 68.5
103 55.5 43.7 65.5





#71

Bromoform

Concen: 49.583 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVX050525

Tgt Ion:173 Resp: 40364

Ion Ratio Lower Upper

173 100

175 48.8 23.4 70.0

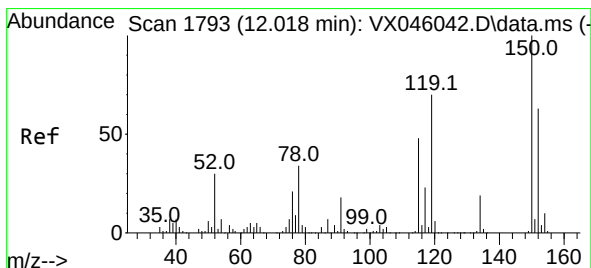
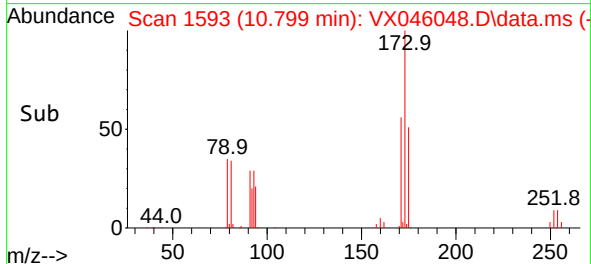
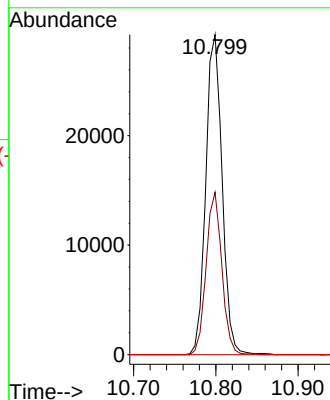
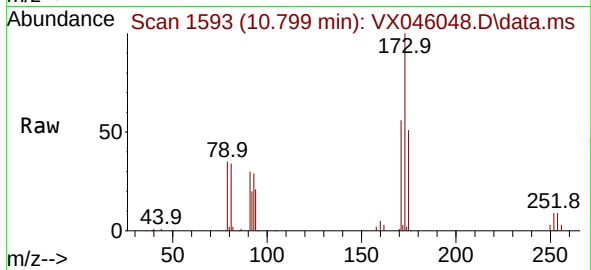
254 0.0 0.0 0.0

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: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

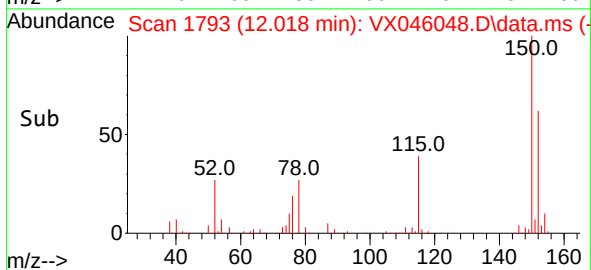
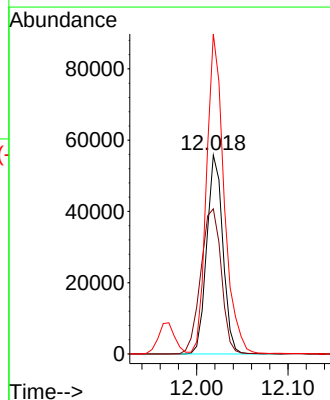
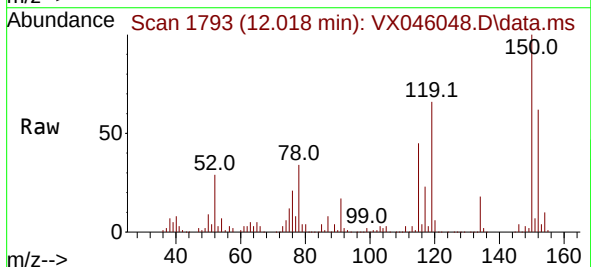
Tgt Ion:152 Resp: 68229

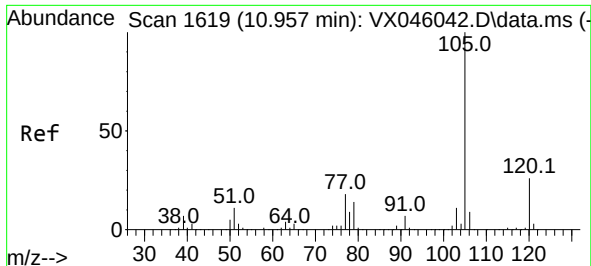
Ion Ratio Lower Upper

152 100

115 93.3 46.9 140.7

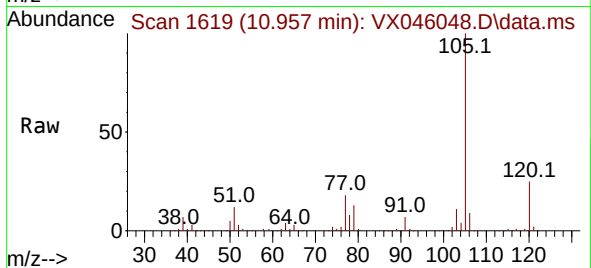
150 175.3 0.0 351.0





#73
Isopropylbenzene
Concen: 50.733 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

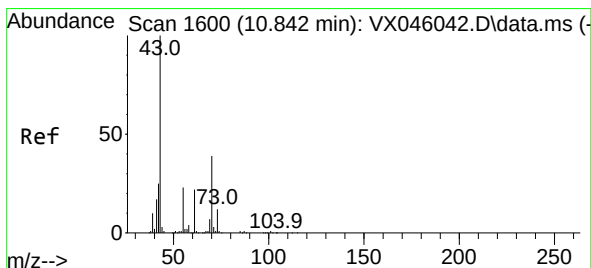
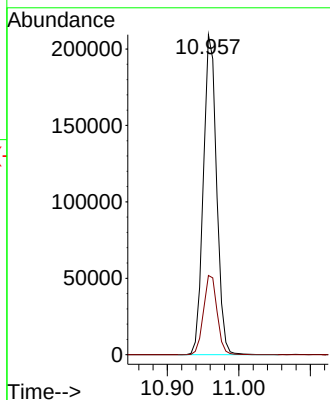
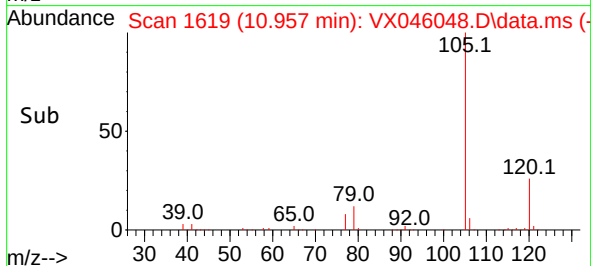
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



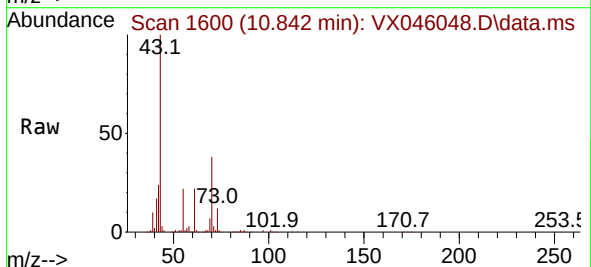
Tgt Ion:105 Resp: 269484
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

Manual Integrations
APPROVED

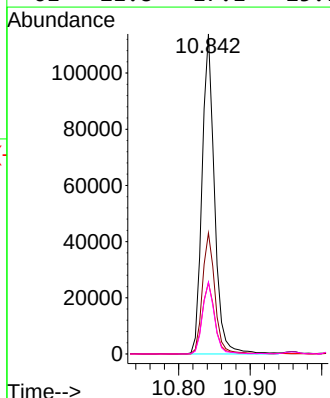
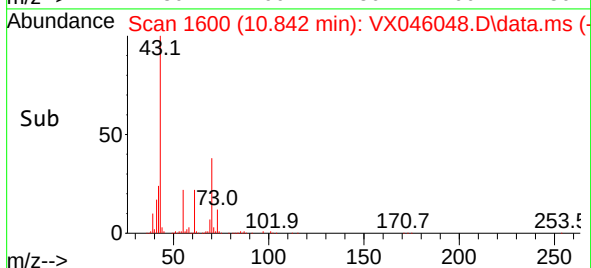
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

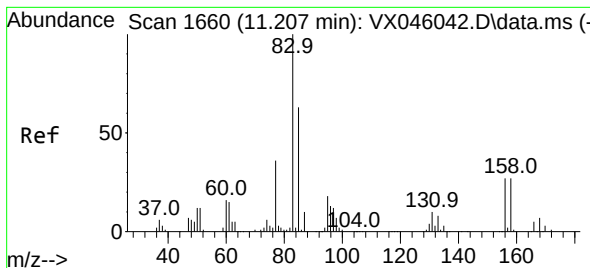


#74
N-ethyl acetate
Concen: 52.407 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50



Tgt Ion: 43 Resp: 137559
Ion Ratio Lower Upper
43 100
70 37.9 30.9 46.3
55 22.7 18.7 28.1
61 21.8 17.1 25.7





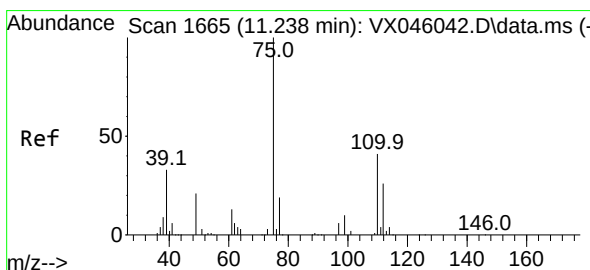
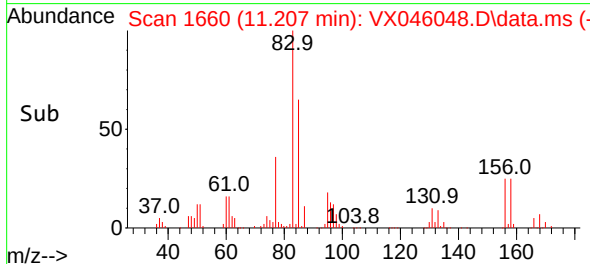
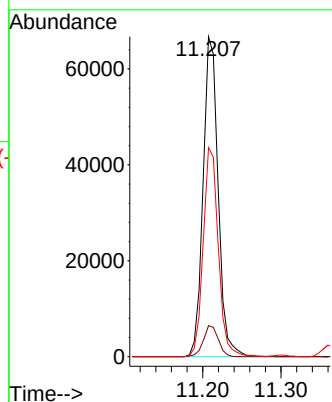
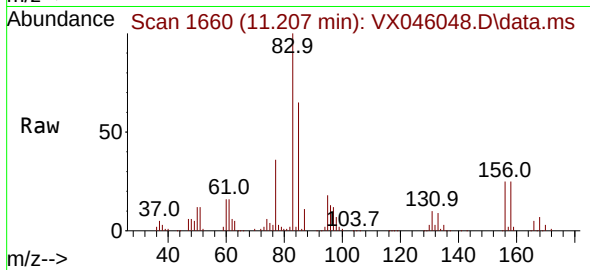
#75
1,1,2,2-Tetrachloroethane
Concen: 47.827 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 83 Resp: 8902
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 65.5 31.9 95.7

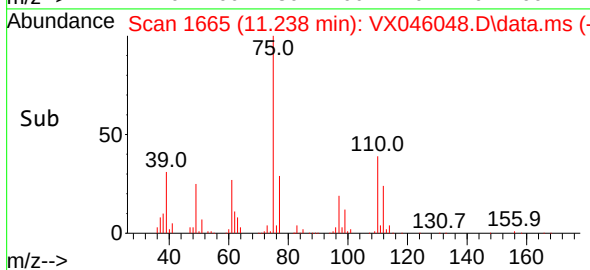
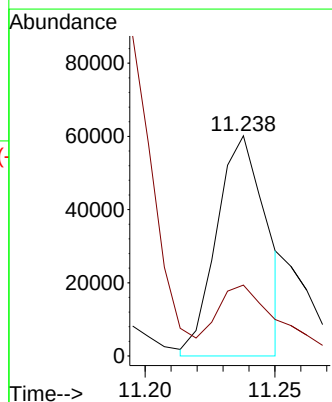
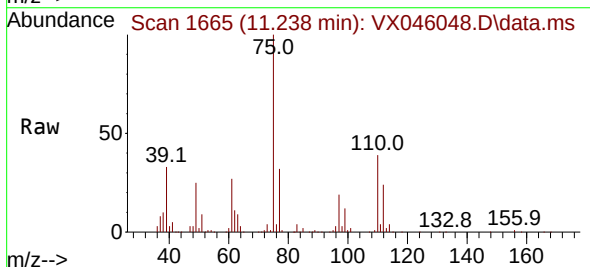
Manual Integrations
APPROVED

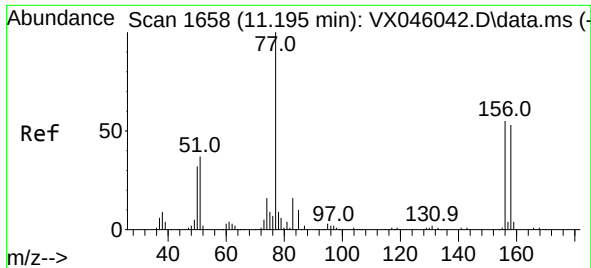
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#76
1,2,3-Trichloropropane
Concen: 48.568 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

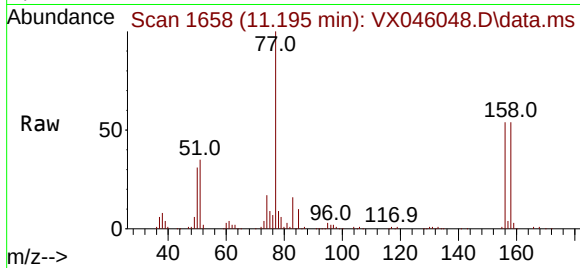
Tgt Ion: 75 Resp: 79763
Ion Ratio Lower Upper
75 100
77 40.8 20.5 61.5





#77
Bromobenzene
Concen: 48.549 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

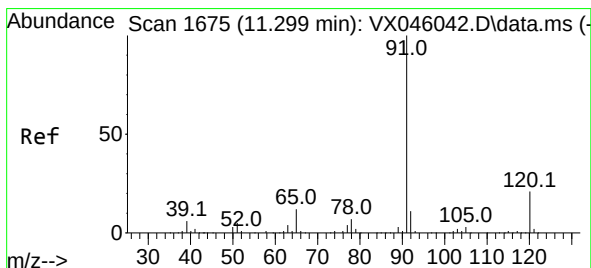
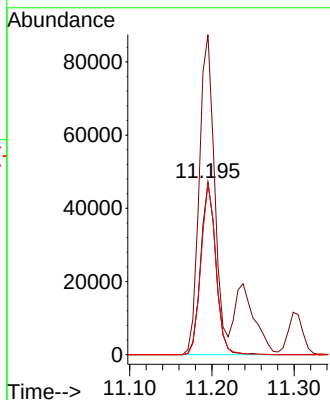
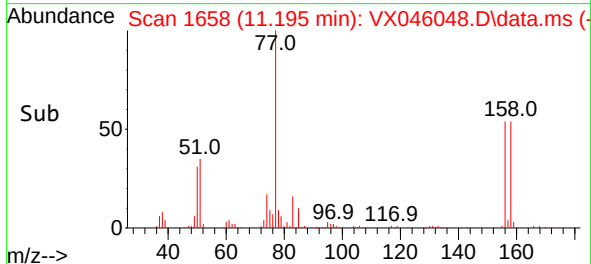
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



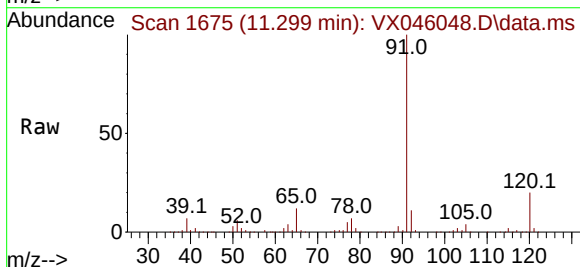
Tgt Ion:156 Resp: 5987
Ion Ratio Lower Upper
156 100
77 189.0 92.8 278.3
158 98.9 48.8 146.3

Manual Integrations
APPROVED

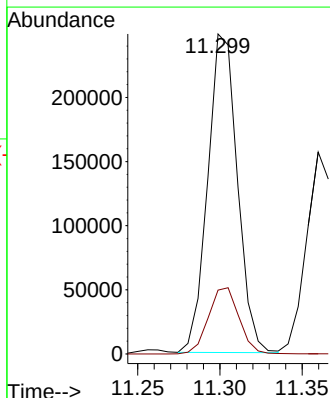
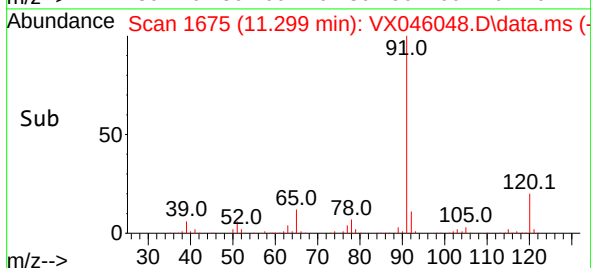
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

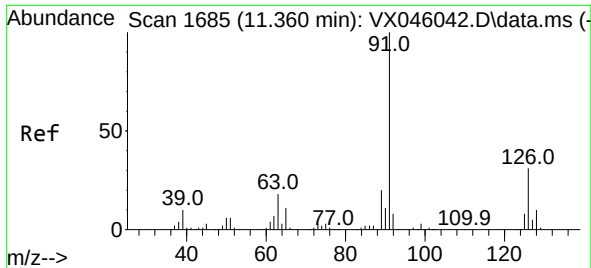


#78
n-propylbenzene
Concen: 50.562 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50



Tgt Ion: 91 Resp: 312285
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





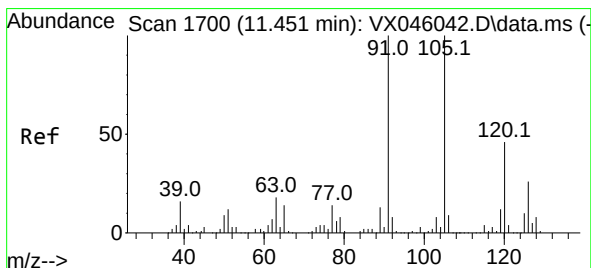
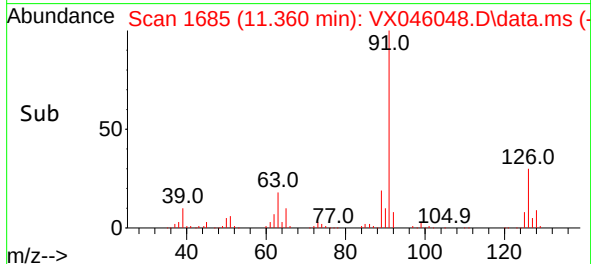
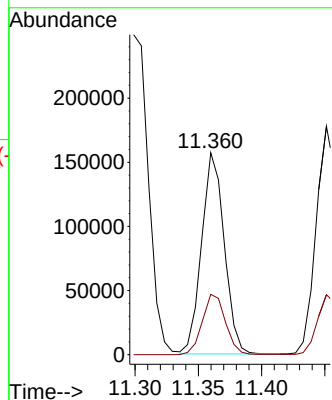
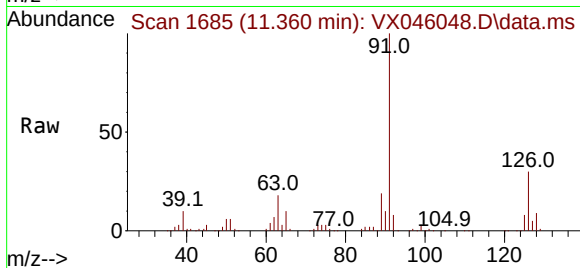
#79
2-Chlorotoluene
Concen: 49.107 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Tgt Ion: 91 Resp: 195630
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.7

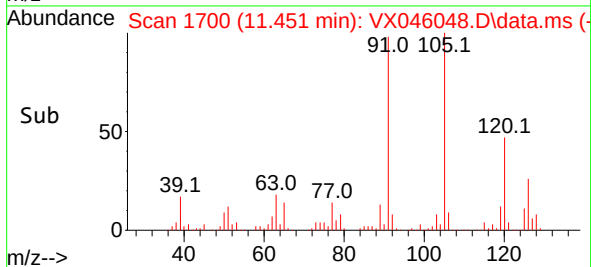
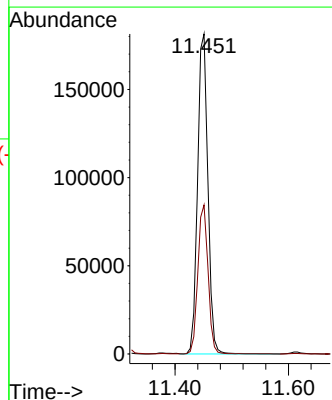
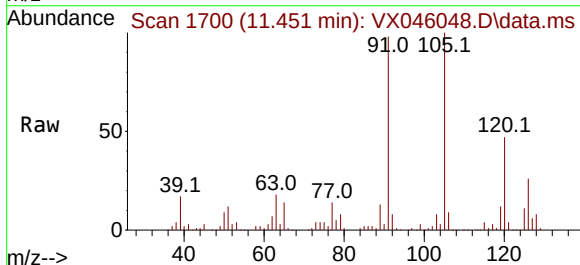
Manual Integrations
APPROVED

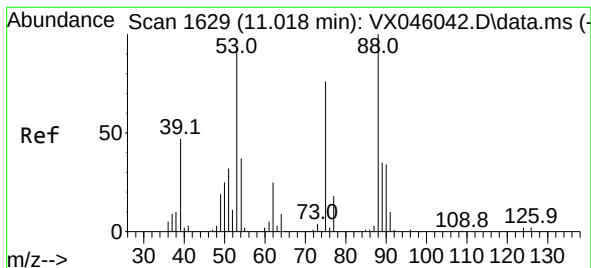
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.500 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

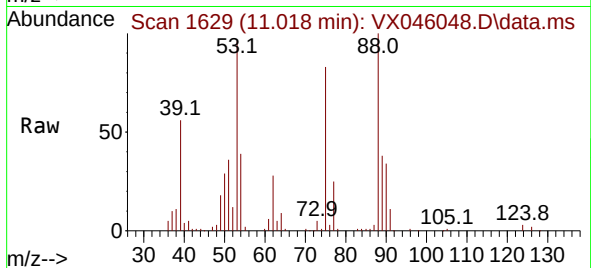
Tgt Ion:105 Resp: 228538
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 49.276 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

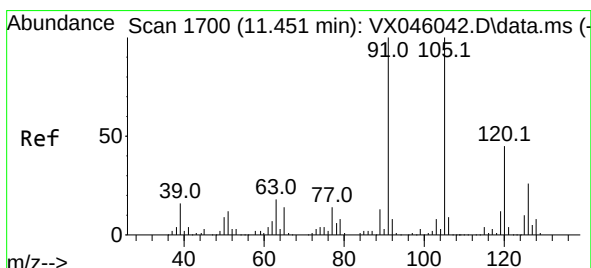
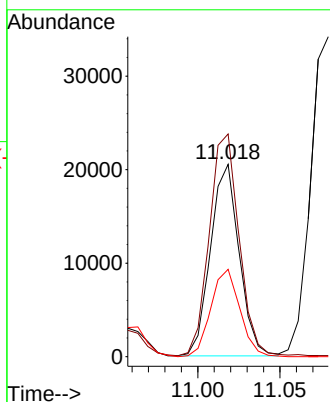
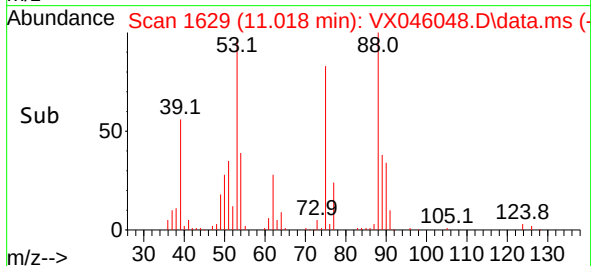
Instrument :
MSVOA_X
ClientSampleId :
ICVX050525



Tgt Ion: 75 Resp: 2485
Ion Ratio Lower Upper
75 100
53 122.3 100.5 150.7
89 46.2 37.0 55.6

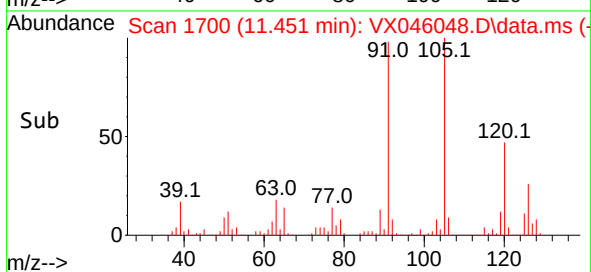
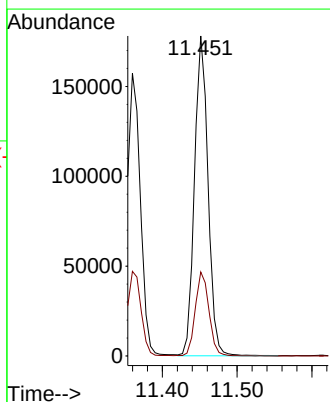
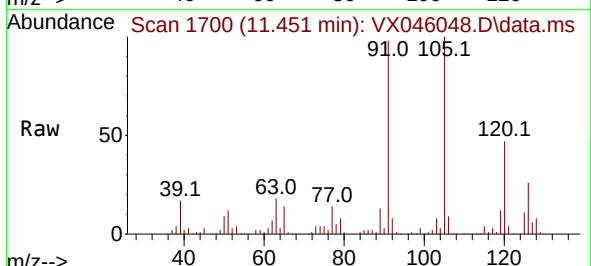
Manual Integrations
APPROVED

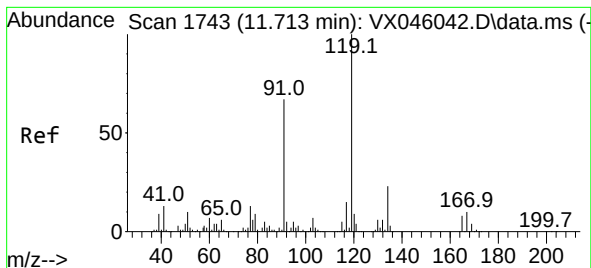
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#82
4-Chlorotoluene
Concen: 50.661 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

Tgt Ion: 91 Resp: 223811
Ion Ratio Lower Upper
91 100
126 26.5 13.3 39.8





#83

tert-Butylbenzene

Concen: 50.511 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050525

Tgt Ion:119 Resp: 22578

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.7

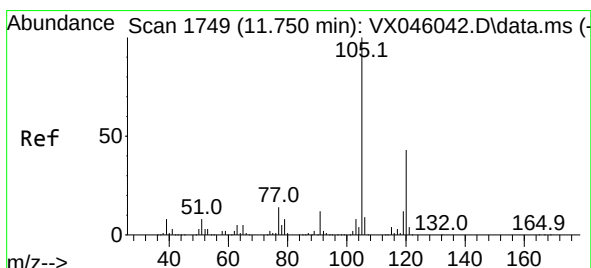
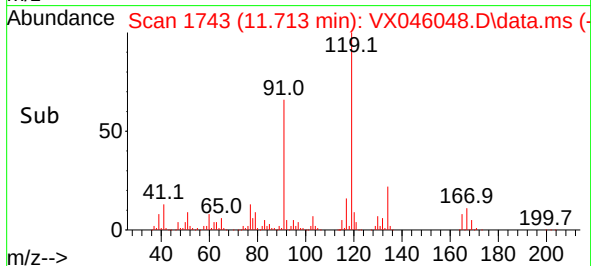
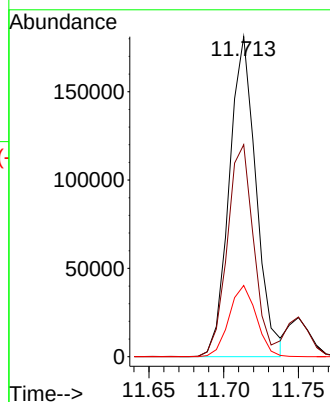
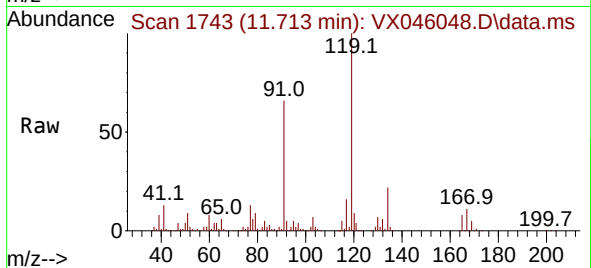
134 22.6 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.485 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046048.D

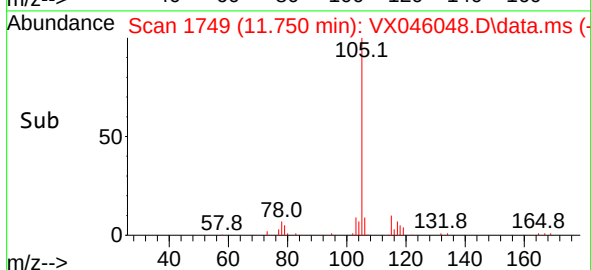
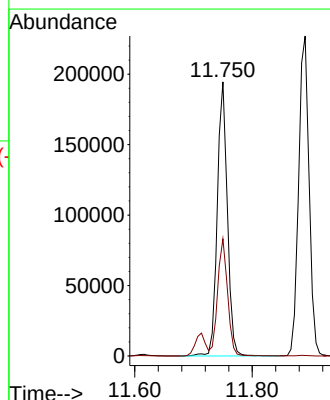
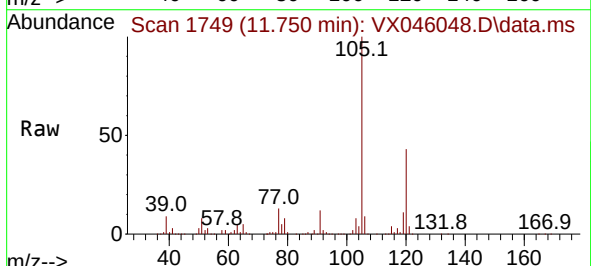
Acq: 05 May 2025 16:50

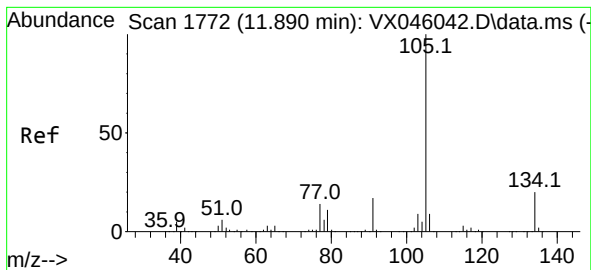
Tgt Ion:105 Resp: 231371

Ion Ratio Lower Upper

105 100

120 42.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.122 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046048.D
 Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

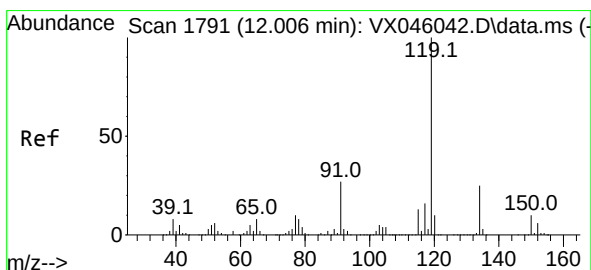
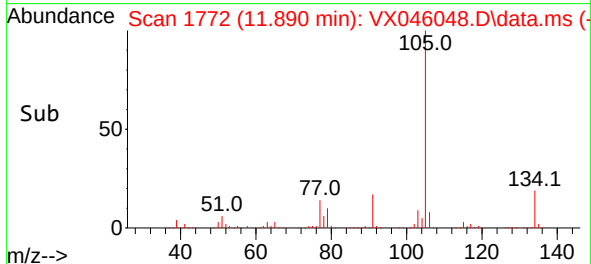
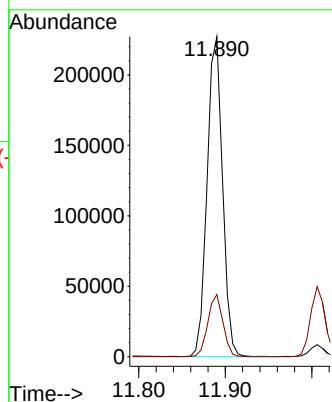
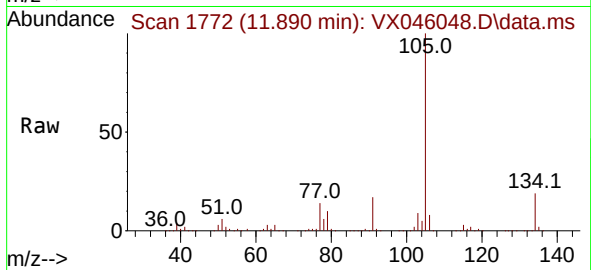
ICVVX050525

Tgt Ion:105 Resp: 280578
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

Manual Integrations

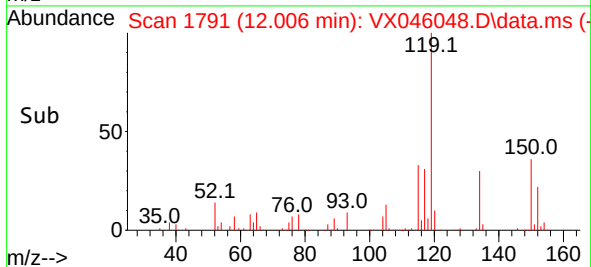
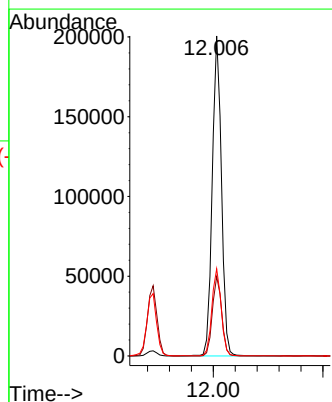
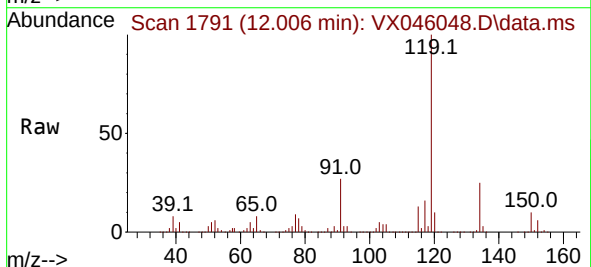
APPROVED

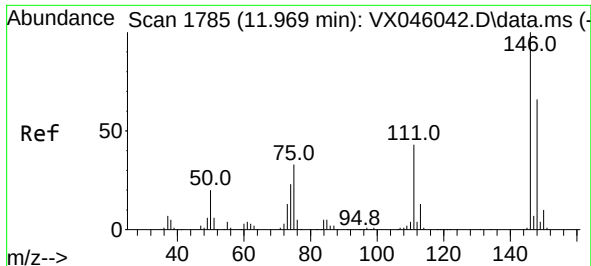
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#86
 p-Isopropyltoluene
 Concen: 51.198 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046048.D
 Acq: 05 May 2025 16:50

Tgt Ion:119 Resp: 231942
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 27.5 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 50.272 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVVX050525

Tgt Ion:146 Resp: 113140

Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.3

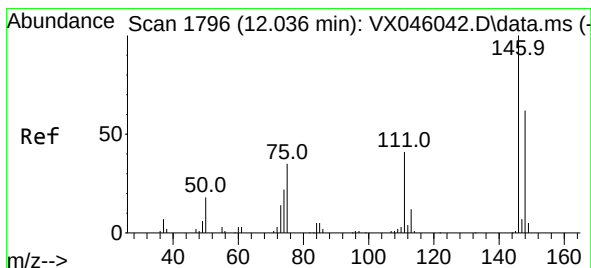
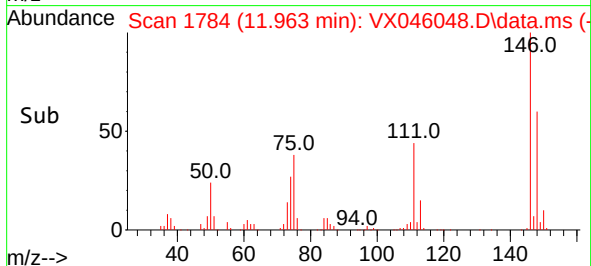
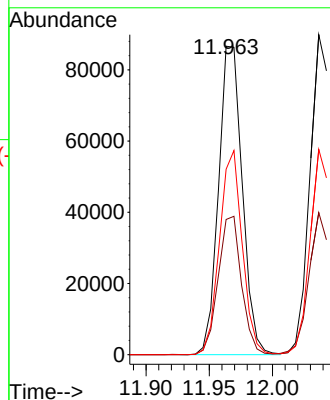
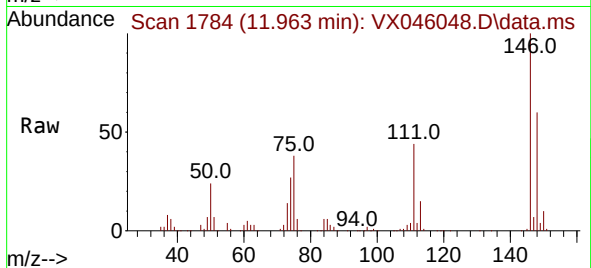
148 63.5 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#88

1,4-Dichlorobenzene

Concen: 48.368 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

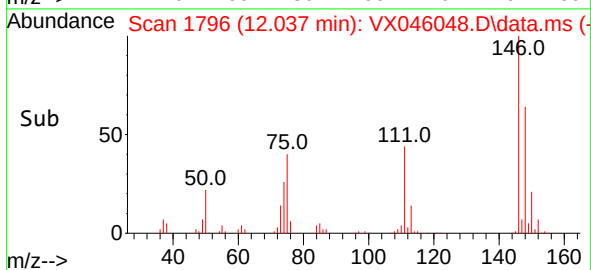
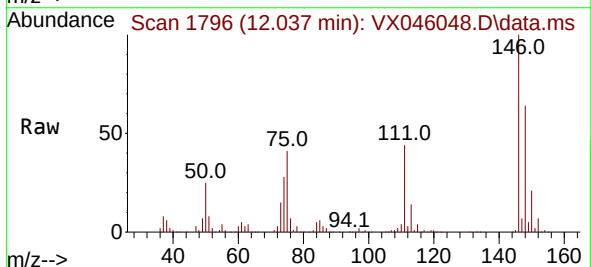
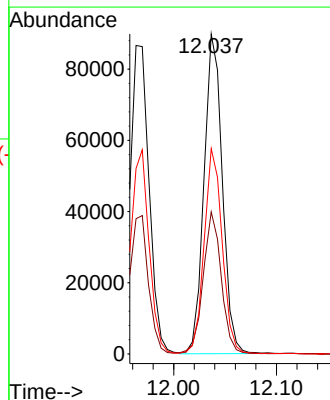
Tgt Ion:146 Resp: 111173

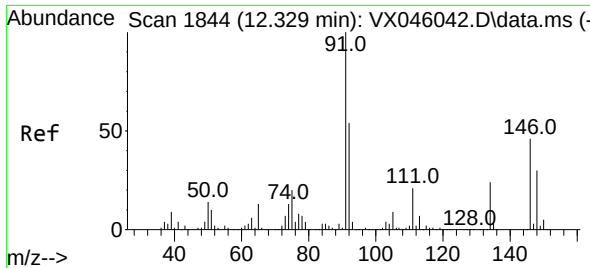
Ion Ratio Lower Upper

146 100

111 43.9 21.3 63.9

148 63.3 31.9 95.5





#89

n-Butylbenzene

Concen: 51.804 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046048.D

Acq: 05 May 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

ICVX050525

Tgt Ion: 91 Resp: 20585

Ion Ratio Lower Upper

91 100

92 53.7 26.9 80.7

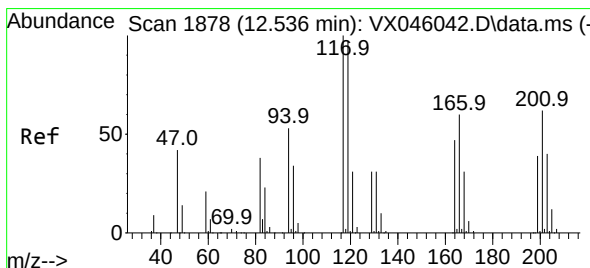
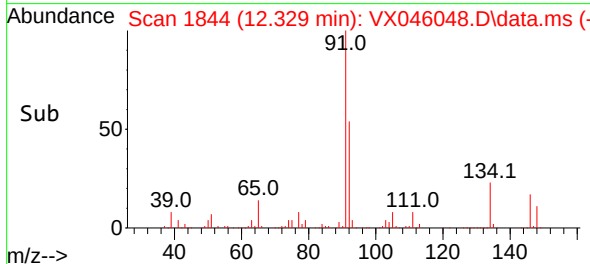
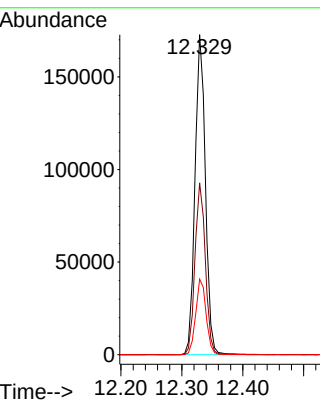
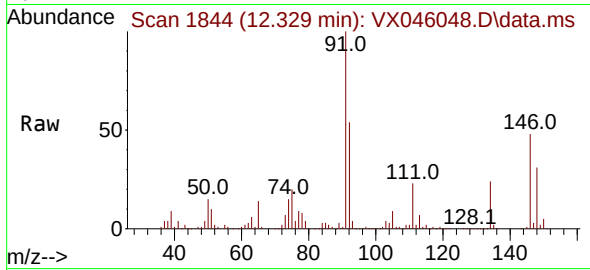
134 23.7 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2025

Supervised By :Mahesh Dadoda 05/06/2025



#90

Hexachloroethane

Concen: 49.895 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046048.D

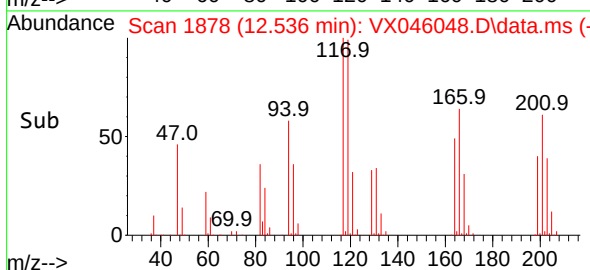
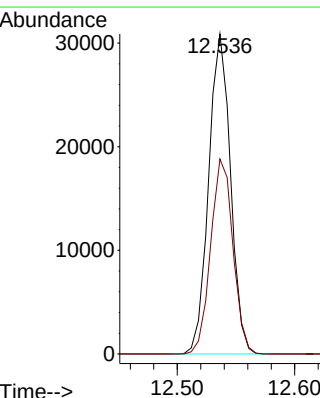
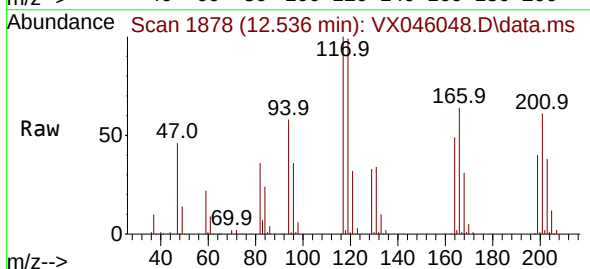
Acq: 05 May 2025 16:50

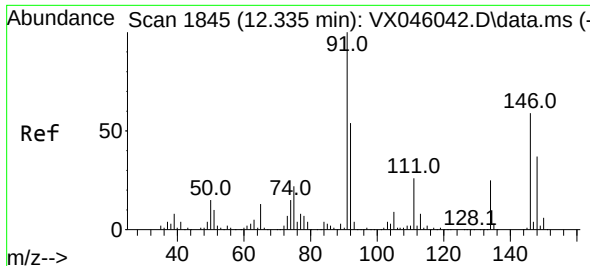
Tgt Ion:117 Resp: 39823

Ion Ratio Lower Upper

117 100

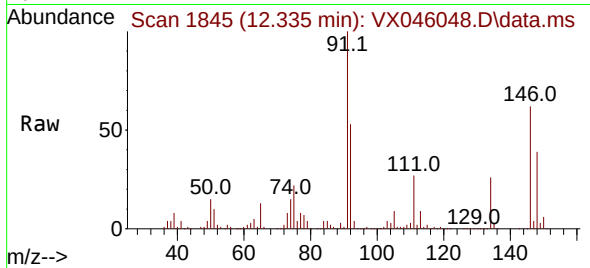
201 62.4 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 49.361 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

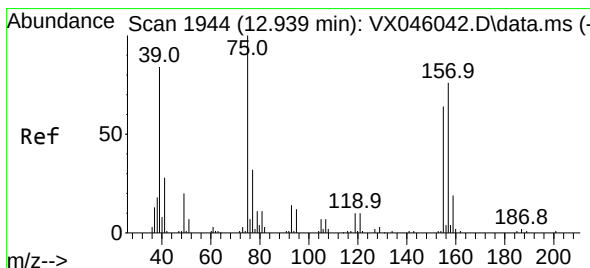
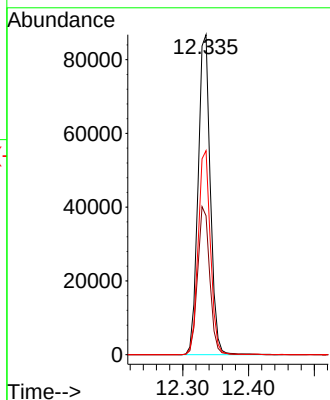
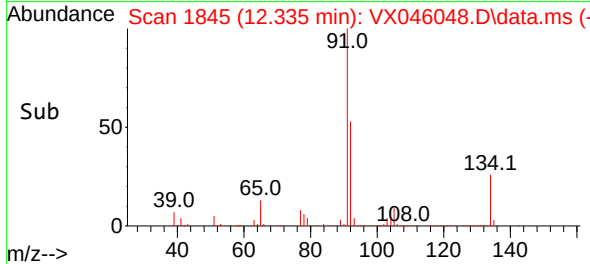
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



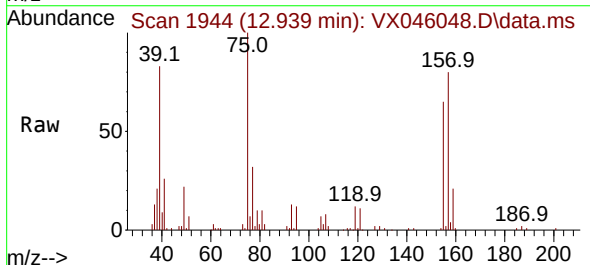
Tgt Ion:146 Resp: 11148
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.3
148 64.2 31.6 94.8

Manual Integrations
APPROVED

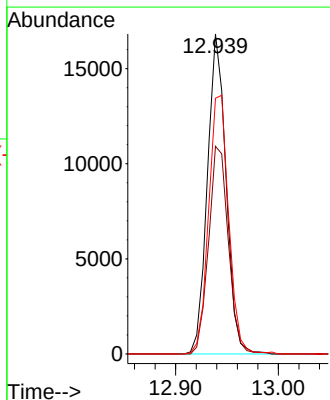
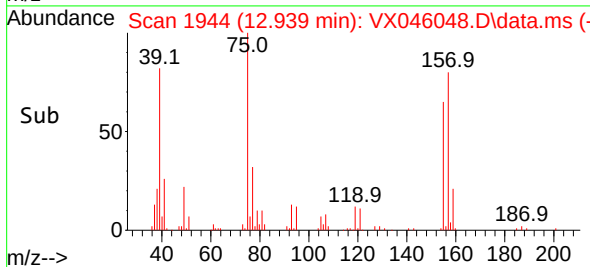
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

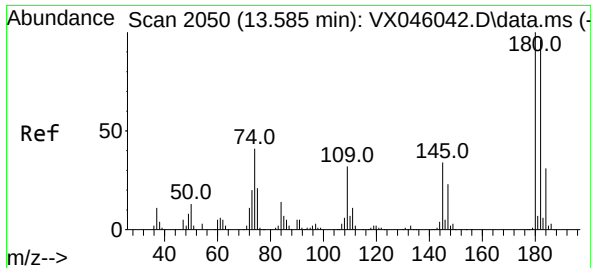


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.458 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50



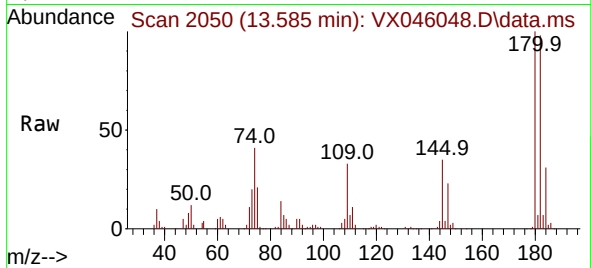
Tgt Ion: 75 Resp: 21220
Ion Ratio Lower Upper
75 100
155 68.6 34.9 104.8
157 86.7 43.8 131.4





#93
 1,2,4-Trichlorobenzene
 Concen: 49.662 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX046048.D
 Acq: 05 May 2025 16:50

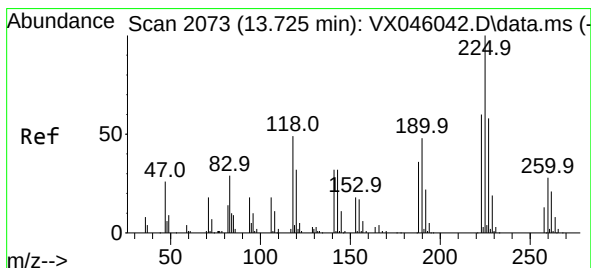
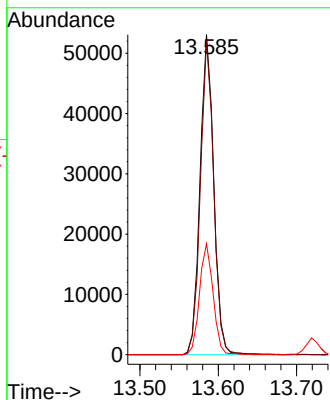
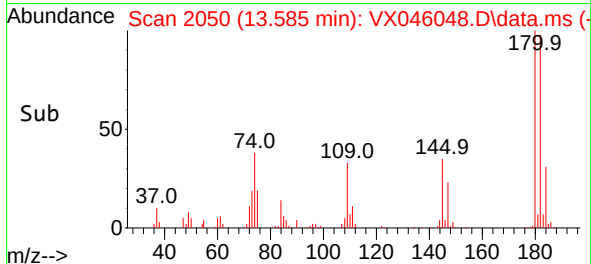
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050525



Tgt Ion:180 Resp: 6442
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.8
 145 34.4 17.1 51.2

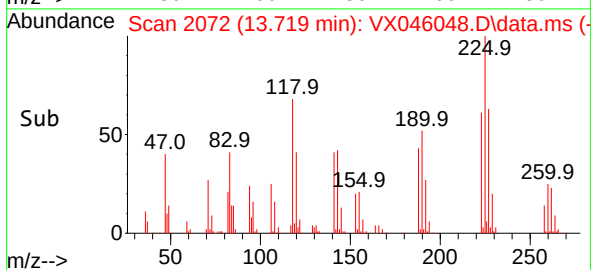
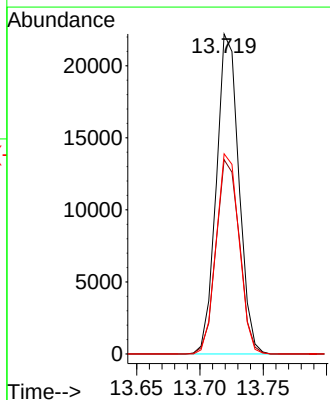
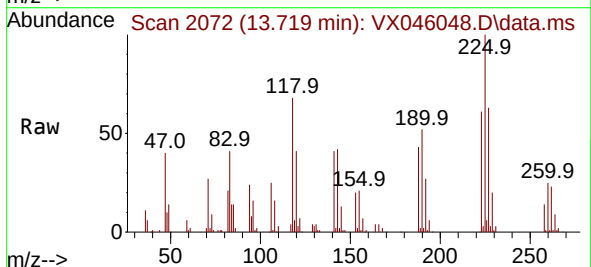
Manual Integrations
 APPROVED

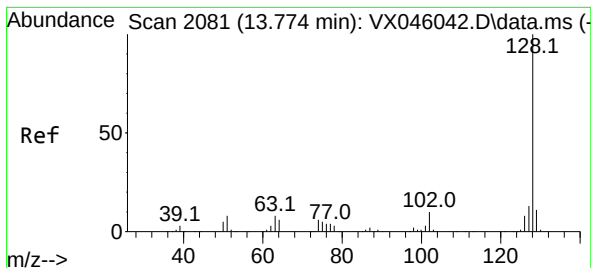
Reviewed By :John Carlone 05/06/2025
 Supervised By :Mahesh Dadoda 05/06/2025



#94
 Hexachlorobutadiene
 Concen: 48.408 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX046048.D
 Acq: 05 May 2025 16:50

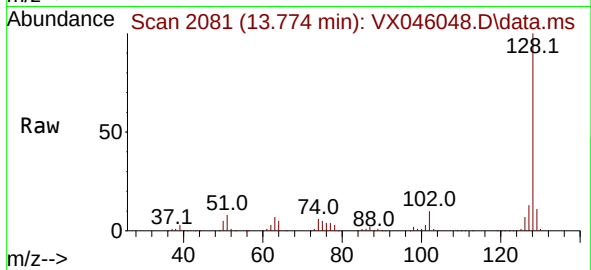
Tgt Ion:225 Resp: 27425
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.8 92.4
 227 63.7 30.9 92.7





#95
Naphthalene
Concen: 50.404 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50

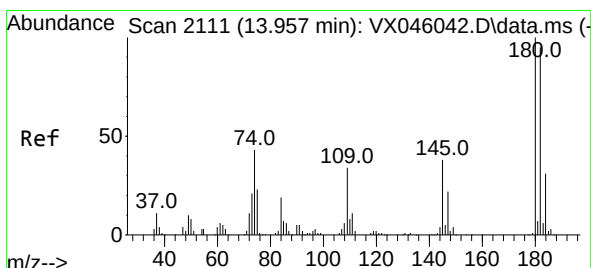
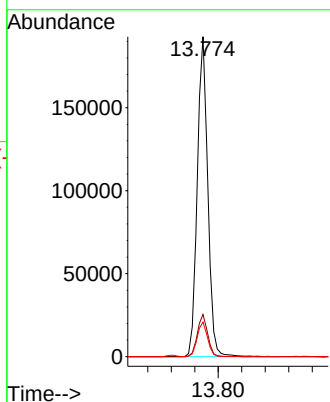
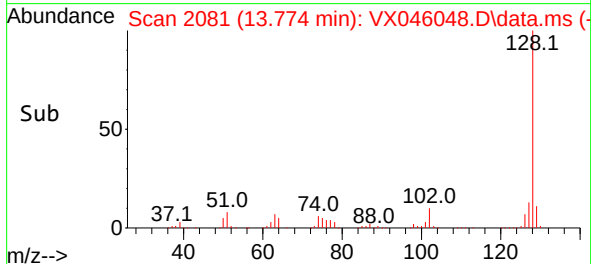
Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525



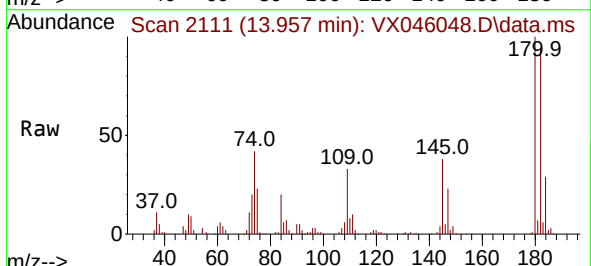
Tgt Ion:128 Resp: 23980
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.6 13.0

Manual Integrations
APPROVED

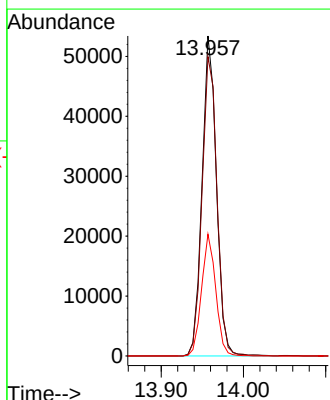
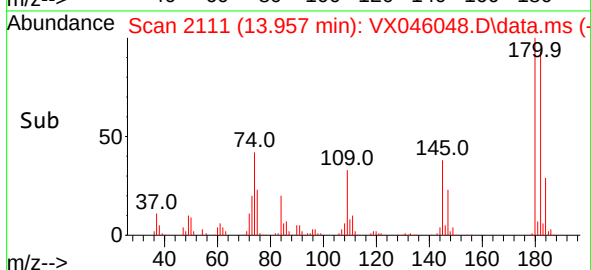
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.525 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046048.D
Acq: 05 May 2025 16:50



Tgt Ion:180 Resp: 64950
Ion Ratio Lower Upper
180 100
182 97.0 47.8 143.3
145 37.5 18.1 54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046048.D
 Acq On : 05 May 2025 16:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050525

Quant Time: May 06 07:17:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	95	0.00
2 T	Dichlorodifluoromethane	0.765	0.851	-11.2	94	0.00
3 P	Chloromethane	0.742	0.781	-5.3	96	0.00
4 C	Vinyl Chloride	0.691	0.713	-3.2#	96	0.00
5 T	Bromomethane	0.320	0.324	-1.3	95	0.00
6 T	Chloroethane	0.369	0.385	-4.3	97	0.00
7 T	Trichlorofluoromethane	1.021	1.073	-5.1	96	0.00
8 T	Diethyl Ether	0.347	0.344	0.9	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.632	0.642	-1.6	96	0.00
10 T	Methyl Iodide	0.747	0.799	-7.0	94	0.00
11 T	Tert butyl alcohol	0.131	0.132	-0.8	98	0.00
12 CM	1,1-Dichloroethene	0.593	0.606	-2.2#	96	0.00
13 T	Acrolein	0.149	0.139	6.7	87	0.00
14 T	Allyl chloride	1.133	1.175	-3.7	95	0.00
15 T	Acrylonitrile	0.374	0.393	-5.1	97	0.00
16 T	Acetone	0.374	0.367	1.9	97	0.00
17 T	Carbon Disulfide	1.406	1.433	-1.9	94	0.00
18 T	Methyl Acetate	0.867	0.867	0.0	97	0.00
19 T	Methyl tert-butyl Ether	2.079	2.111	-1.5	93	0.00
20 T	Methylene Chloride	0.716	0.684	4.5	95	0.00
21 T	trans-1,2-Dichloroethene	0.596	0.602	-1.0	94	0.00
22 T	Diisopropyl ether	2.189	2.268	-3.6	95	0.00
23 T	Vinyl Acetate	1.925	2.045	-6.2	95	0.00
24 P	1,1-Dichloroethane	1.219	1.239	-1.6	94	0.00
25 T	2-Butanone	0.543	0.558	-2.8	96	0.00
26 T	2,2-Dichloropropane	0.954	0.953	0.1	95	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.731	-1.8	95	0.00
28 T	Bromochloromethane	0.587	0.598	-1.9	99	0.00
29 T	Tetrahydrofuran	0.340	0.354	-4.1	96	0.00
30 C	Chloroform	1.271	1.305	-2.7#	96	0.00
31 T	Cyclohexane	1.111	1.114	-0.3	94	0.00
32 T	1,1,1-Trichloroethane	1.101	1.126	-2.3	95	0.00
33 S	1,2-Dichloroethane-d4	0.932	0.904	3.0	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.360	0.358	0.6	98	0.00
36 T	1,1-Dichloropropene	0.484	0.479	1.0	94	0.00
37 T	Ethyl Acetate	0.598	0.606	-1.3	96	0.00
38 T	Carbon Tetrachloride	0.544	0.542	0.4	94	0.00
39 T	Methylcyclohexane	0.623	0.620	0.5	94	0.00
40 TM	Benzene	1.417	1.439	-1.6	95	0.00
41 T	Methacrylonitrile	0.313	0.344	-9.9	96	0.00
42 TM	1,2-Dichloroethane	0.612	0.622	-1.6	96	0.00
43 T	Isopropyl Acetate	0.912	0.952	-4.4	96	0.00
44 TM	Trichloroethene	0.341	0.341	0.0	93	0.00
45 C	1,2-Dichloropropane	0.352	0.366	-4.0#	96	0.00
46 T	Dibromomethane	0.278	0.278	0.0	94	0.00
47 T	Bromodichloromethane	0.547	0.568	-3.8	95	0.00
48 T	Methyl methacrylate	0.466	0.505	-8.4	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046048.D
 Acq On : 05 May 2025 16:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050525

Quant Time: May 06 07:17:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	0.009	0.0	100	0.00
50 S	Toluene-d8	1.246	1.221	2.0	97	0.00
51 T	4-Methyl-2-Pentanone	0.605	0.627	-3.6	96	0.00
52 CM	Toluene	0.869	0.889	-2.3#	96	0.00
53 T	t-1,3-Dichloropropene	0.487	0.515	-5.7	94	0.00
54 T	cis-1,3-Dichloropropene	0.538	0.569	-5.8	95	0.00
55 T	1,1,2-Trichloroethane	0.343	0.349	-1.7	95	0.00
56 T	Ethyl methacrylate	0.546	0.589	-7.9	96	0.00
57 T	1,3-Dichloropropane	0.615	0.613	0.3	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.278	0.296	-6.5	93	0.00
59 T	2-Hexanone	0.448	0.480	-7.1	98	0.00
60 T	Dibromochloromethane	0.376	0.392	-4.3	95	0.00
61 T	1,2-Dibromoethane	0.356	0.364	-2.2	94	0.00
62 S	4-Bromofluorobenzene	0.478	0.465	2.7	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.354	0.331	6.5	88	0.00
65 PM	Chlorobenzene	1.094	1.066	2.6	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.370	1.1	94	0.00
67 C	Ethyl Benzene	1.929	1.939	-0.5#	95	0.00
68 T	m/p-Xylenes	0.706	0.713	-1.0	95	0.00
69 T	o-Xylene	0.688	0.699	-1.6	95	0.00
70 T	Styrene	1.127	1.170	-3.8	95	0.00
71 P	Bromoform	0.281	0.278	1.1	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.893	3.950	-1.5	96	0.00
74 T	N-amyl acetate	1.924	2.016	-4.8	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.364	1.305	4.3	98	0.00
76 T	1,2,3-Trichloropropane	1.204	1.169	2.9	99	0.00
77 T	Bromobenzene	0.904	0.878	2.9	95	0.00
78 T	n-propylbenzene	4.526	4.577	-1.1	95	0.00
79 T	2-Chlorotoluene	2.919	2.867	1.8	96	0.00
80 T	1,3,5-Trimethylbenzene	3.252	3.350	-3.0	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.370	0.364	1.6	95	0.00
82 T	4-Chlorotoluene	3.238	3.280	-1.3	96	0.00
83 T	tert-Butylbenzene	3.276	3.309	-1.0	97	0.00
84 T	1,2,4-Trimethylbenzene	3.293	3.391	-3.0	97	0.00
85 T	sec-Butylbenzene	4.022	4.112	-2.2	96	0.00
86 T	p-Isopropyltoluene	3.320	3.399	-2.4	96	0.00
87 T	1,3-Dichlorobenzene	1.649	1.658	-0.5	98	0.00
88 T	1,4-Dichlorobenzene	1.684	1.629	3.3	97	0.00
89 T	n-Butylbenzene	2.912	3.017	-3.6	96	0.00
90 T	Hexachloroethane	0.585	0.584	0.2	94	0.00
91 T	1,2-Dichlorobenzene	1.655	1.634	1.3	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.302	0.311	-3.0	97	0.00
93 T	1,2,4-Trichlorobenzene	0.951	0.944	0.7	97	0.00
94 T	Hexachlorobutadiene	0.415	0.402	3.1	95	0.00
95 T	Naphthalene	3.487	3.515	-0.8	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	0.981	0.952	3.0	94	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX050525\
 Data File : VX046048.D
 Acq On : 05 May 2025 16:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050525

Quant Time: May 06 07:17:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	55.594	-11.2	94	0.00
3 P	Chloromethane	50.000	52.592	-5.2	96	0.00
4 C	Vinyl Chloride	50.000	51.598	-3.2#	96	0.00
5 T	Bromomethane	50.000	50.627	-1.3	95	0.00
6 T	Chloroethane	50.000	52.271	-4.5	97	0.00
7 T	Trichlorofluoromethane	50.000	52.560	-5.1	96	0.00
8 T	Diethyl Ether	50.000	49.536	0.9	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.822	-1.6	96	0.00
10 T	Methyl Iodide	50.000	53.419	-6.8	94	0.00
11 T	Tert butyl alcohol	250.000	252.025	-0.8	98	0.00
12 CM	1,1-Dichloroethene	50.000	51.097	-2.2#	96	0.00
13 T	Acrolein	250.000	232.505	7.0	87	0.00
14 T	Allyl chloride	50.000	51.833	-3.7	95	0.00
15 T	Acrylonitrile	250.000	262.412	-5.0	97	0.00
16 T	Acetone	250.000	245.518	1.8	97	0.00
17 T	Carbon Disulfide	50.000	50.981	-2.0	94	0.00
18 T	Methyl Acetate	50.000	49.968	0.1	97	0.00
19 T	Methyl tert-butyl Ether	50.000	50.777	-1.6	93	0.00
20 T	Methylene Chloride	50.000	47.779	4.4	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.513	-1.0	94	0.00
22 T	Diisopropyl ether	50.000	51.800	-3.6	95	0.00
23 T	Vinyl Acetate	250.000	265.585	-6.2	95	0.00
24 P	1,1-Dichloroethane	50.000	50.825	-1.7	94	0.00
25 T	2-Butanone	250.000	257.110	-2.8	96	0.00
26 T	2,2-Dichloropropane	50.000	49.934	0.1	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.956	-1.9	95	0.00
28 T	Bromochloromethane	50.000	50.975	-2.0	99	0.00
29 T	Tetrahydrofuran	250.000	259.958	-4.0	96	0.00
30 C	Chloroform	50.000	51.332	-2.7#	96	0.00
31 T	Cyclohexane	50.000	50.147	-0.3	94	0.00
32 T	1,1,1-Trichloroethane	50.000	51.108	-2.2	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.509	3.0	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	49.683	0.6	98	0.00
36 T	1,1-Dichloropropene	50.000	49.521	1.0	94	0.00
37 T	Ethyl Acetate	50.000	50.714	-1.4	96	0.00
38 T	Carbon Tetrachloride	50.000	49.825	0.3	94	0.00
39 T	Methylcyclohexane	50.000	49.757	0.5	94	0.00
40 TM	Benzene	50.000	50.759	-1.5	95	0.00
41 T	Methacrylonitrile	50.000	55.076	-10.2	96	0.00
42 TM	1,2-Dichloroethane	50.000	50.861	-1.7	96	0.00
43 T	Isopropyl Acetate	50.000	52.195	-4.4	96	0.00
44 TM	Trichloroethene	50.000	50.018	-0.0	93	0.00
45 C	1,2-Dichloropropane	50.000	51.983	-4.0#	96	0.00
46 T	Dibromomethane	50.000	49.978	0.0	94	0.00
47 T	Bromodichloromethane	50.000	51.889	-3.8	95	0.00
48 T	Methyl methacrylate	50.000	54.226	-8.5	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046048.D
 Acq On : 05 May 2025 16:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050525

Quant Time: May 06 07:17:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	1059.599	-6.0	100	0.00
50 S	Toluene-d8	50.000	48.984	2.0	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.133	-3.7	96	0.00
52 CM	Toluene	50.000	51.150	-2.3#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	52.920	-5.8	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.892	-5.8	95	0.00
55 T	1,1,2-Trichloroethane	50.000	50.887	-1.8	95	0.00
56 T	Ethyl methacrylate	50.000	53.918	-7.8	96	0.00
57 T	1,3-Dichloropropane	50.000	49.793	0.4	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.780	-6.3	93	0.00
59 T	2-Hexanone	250.000	268.218	-7.3	98	0.00
60 T	Dibromochloromethane	50.000	52.075	-4.2	95	0.00
61 T	1,2-Dibromoethane	50.000	51.050	-2.1	94	0.00
62 S	4-Bromofluorobenzene	50.000	48.596	2.8	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	46.795	6.4	88	0.00
65 PM	Chlorobenzene	50.000	48.699	2.6	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.557	0.9	94	0.00
67 C	Ethyl Benzene	50.000	50.245	-0.5#	95	0.00
68 T	m/p-Xylenes	100.000	101.022	-1.0	95	0.00
69 T	o-Xylene	50.000	50.841	-1.7	95	0.00
70 T	Styrene	50.000	51.907	-3.8	95	0.00
71 P	Bromoform	50.000	49.583	0.8	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	50.733	-1.5	96	0.00
74 T	N-ethyl acetate	50.000	52.407	-4.8	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.827	4.3	98	0.00
76 T	1,2,3-Trichloropropane	50.000	48.568	2.9	99	0.00
77 T	Bromobenzene	50.000	48.549	2.9	95	0.00
78 T	n-propylbenzene	50.000	50.562	-1.1	95	0.00
79 T	2-Chlorotoluene	50.000	49.107	1.8	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.500	-3.0	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.276	1.4	95	0.00
82 T	4-Chlorotoluene	50.000	50.661	-1.3	96	0.00
83 T	tert-Butylbenzene	50.000	50.511	-1.0	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.485	-3.0	97	0.00
85 T	sec-Butylbenzene	50.000	51.122	-2.2	96	0.00
86 T	p-Isopropyltoluene	50.000	51.198	-2.4	96	0.00
87 T	1,3-Dichlorobenzene	50.000	50.272	-0.5	98	0.00
88 T	1,4-Dichlorobenzene	50.000	48.368	3.3	97	0.00
89 T	n-Butylbenzene	50.000	51.804	-3.6	96	0.00
90 T	Hexachloroethane	50.000	49.895	0.2	94	0.00
91 T	1,2-Dichlorobenzene	50.000	49.361	1.3	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.458	-2.9	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.662	0.7	97	0.00
94 T	Hexachlorobutadiene	50.000	48.408	3.2	95	0.00
95 T	Naphthalene	50.000	50.404	-0.8	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046048.D
Acq On : 05 May 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050525

Quant Time: May 06 07:17:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.525	3.0	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02
 Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG No.: Q2075
 Instrument ID: MSVOA_Y Calibration Date(s): 05/15/2025 05/15/2025
 Heated Purge: (Y/N) Y Calibration Time(s): 09:46 11:47
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF005 = VY022253.D		RRF010 = VY022254.D		RRF020 = VY022255.D			
		RRF050 = VY022256.D		RRF100 = VY022257.D		RRF150 = VY022258.D			
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Benzene	1.369	1.462	1.435	1.499	1.482	1.496	1.457	3.4	
Toluene	0.871	0.924	0.890	0.944	0.947	0.961	0.923	3.8	
Ethyl Benzene	2.014	2.043	2.049	2.175	2.173	2.222	2.113	4.1	
m/p-Xylenes	0.749	0.770	0.763	0.818	0.825	0.852	0.796	5.2	
o-Xylene	0.704	0.741	0.723	0.768	0.782	0.802	0.753	4.9	
Isopropylbenzene	4.157	4.192	4.100	4.197	4.028	4.181	4.142	1.6	
n-propylbenzene	5.031	5.047	4.904	5.127	4.865	5.006	4.996	1.9	
1,3,5-Trimethylbenzene	3.393	3.386	3.275	3.410	3.251	3.349	3.344	2	
tert-Butylbenzene	3.037	2.974	2.900	3.029	2.879	3.014	2.972	2.3	
1,2,4-Trimethylbenzene	3.189	3.349	3.206	3.413	3.329	3.431	3.319	3.1	
sec-Butylbenzene	4.390	4.461	4.318	4.573	4.307	4.421	4.412	2.2	
p-Isopropyltoluene	3.598	3.610	3.573	3.818	3.754	3.911	3.710	3.7	
n-Butylbenzene	3.419	3.500	3.491	3.668	3.452	3.533	3.510	2.5	
1,2-Dichloroethane-d4	0.547	0.559	0.527	0.541	0.545	0.560	0.546	2.2	
Dibromofluoromethane	0.294	0.294	0.294	0.301	0.297	0.310	0.298	2.2	
Toluene-d8	1.224	1.200	1.195	1.230	1.214	1.272	1.222	2.3	
4-Bromofluorobenzene	0.390	0.386	0.368	0.387	0.387	0.407	0.387	3.3	

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

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y051525S.M
 Title : SW846 8260
 Last Update : Fri May 16 01:42:09 2025
 Response Via : Initial Calibration

Calibration Files

5 =VY022253.D 10 =VY022254.D 20 =VY022255.D 50 =VY022256.D 100 =VY022257.D 150 =VY022258.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.546	0.587	0.541	0.507	0.470	0.479	0.522	8.51
3) P	Chloromethane	1.212	1.237	1.153	1.042	1.046	0.894	1.097	11.72
4) C	Vinyl Chloride	1.265	1.317	1.264	1.210	1.190	1.110	1.226	5.91#
5) T	Bromomethane	1.107	1.033	1.058	0.877	0.955	0.959	0.998	8.33
6) T	Chloroethane	0.751	0.814	0.796	0.756	0.733	0.727	0.763	4.56
7) T	Trichlorofluor...	1.254	1.292	1.260	1.214	1.211	1.217	1.241	2.64
8) T	Diethyl Ether	0.305	0.320	0.283	0.294	0.295	0.291	0.298	4.33
9) T	1,1,2-Trichlor...	0.548	0.577	0.544	0.538	0.507	0.520	0.539	4.50
10) T	Methyl Iodide	0.559	0.586	0.620	0.687	0.651	0.638	0.624	7.35
11) T	Tert butyl alc...	0.045	0.045	0.037	0.039	0.042	0.042	0.042	7.70
12) CM	1,1-Dichloroet...	0.545	0.544	0.540	0.539	0.518	0.523	0.535	2.17#
13) T	Acrolein	0.068	0.068	0.057	0.056	0.058	0.058	0.061	8.63
14) T	Allyl chloride	0.888	0.967	0.949	0.959	0.932	0.931	0.938	3.00
15) T	Acrylonitrile	0.123	0.126	0.115	0.120	0.127	0.126	0.123	3.79
16) T	Acetone	0.126	0.114	0.096	0.093	0.094	0.092	0.102	13.64
17) T	Carbon Disulfide	1.768	1.822	1.764	1.753	1.679	1.679	1.744	3.20
18) T	Methyl Acetate	0.349	0.308	0.286	0.302	0.346	0.347	0.323	8.55
19) T	Methyl tert-bu...	1.463	1.523	1.393	1.459	1.504	1.507	1.475	3.22
20) T	Methylene Chlo...	0.797	0.811	0.646	0.597	0.570	0.552	0.662	17.28
21) T	trans-1,2-Dich...	0.577	0.609	0.603	0.592	0.580	0.581	0.590	2.22
22) T	Diisopropyl ether	1.947	2.009	1.937	1.986	2.003	2.001	1.980	1.57
23) T	Vinyl Acetate	1.214	1.225	1.134	1.174	1.214	1.218	1.196	2.99
24) P	1,1-Dichloroet...	1.112	1.136	1.099	1.117	1.093	1.082	1.106	1.73
25) T	2-Butanone	0.180	0.181	0.158	0.161	0.174	0.174	0.171	5.60
26) T	2,2-Dichloropr...	0.994	1.024	0.971	0.987	0.961	0.968	0.984	2.33
27) T	cis-1,2-Dichlo...	0.662	0.687	0.668	0.691	0.687	0.693	0.681	1.91
28) T	Bromochloromet...	0.463	0.484	0.467	0.473	0.469	0.476	0.472	1.62
29) T	Tetrahydrofuran	0.105	0.116	0.102	0.107	0.116	0.116	0.110	5.98
30) C	Chloroform	1.032	1.079	1.067	1.079	1.054	1.057	1.061	1.66#
31) T	Cyclohexane	1.300	1.191	1.077	1.055	0.998	1.011	1.105	10.63
32) T	1,1,1-Trichlor...	1.007	0.997	0.960	0.969	0.944	0.964	0.974	2.43
33) S	1,2-Dichloroet...	0.547	0.559	0.527	0.541	0.545	0.560	0.546	2.24
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.294	0.294	0.294	0.301	0.297	0.310	0.298	2.17
36) T	1,1-Dichloropr...	0.474	0.502	0.488	0.505	0.484	0.496	0.492	2.39
37) T	Ethyl Acetate	0.253	0.231	0.219	0.234	0.240	0.241	0.237	4.87
38) T	Carbon Tetrach...	0.485	0.524	0.494	0.516	0.509	0.524	0.509	3.18
39) T	Methylcyclohexane	0.664	0.678	0.645	0.670	0.639	0.667	0.660	2.30
40) TM	Benzene	1.369	1.462	1.435	1.499	1.482	1.496	1.457	3.37
41) T	Methacrylonitrile	0.153	0.182	0.148	0.158	0.148	0.152	0.157	8.18
42) TM	1,2-Dichloroet...	0.381	0.399	0.378	0.402	0.403	0.402	0.394	2.86
43) T	Isopropyl Acetate	0.510	0.527	0.480	0.514	0.534	0.530	0.516	3.83
44) TM	Trichloroethene	0.358	0.366	0.361	0.371	0.356	0.363	0.362	1.48
45) C	1,2-Dichloropr...	0.337	0.361	0.344	0.357	0.354	0.355	0.351	2.58#
46) T	Dibromomethane	0.189	0.192	0.180	0.189	0.193	0.194	0.189	2.59
47) T	Bromodichlorom...	0.466	0.494	0.476	0.506	0.504	0.504	0.492	3.42
48) T	Methyl methacr...	0.228	0.238	0.224	0.240	0.259	0.259	0.241	6.19
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	4.33
50) S	Toluene-d8	1.224	1.200	1.195	1.230	1.214	1.272	1.222	2.26
51) T	4-Methyl-2-Pen...	0.238	0.247	0.230	0.253	0.275	0.275	0.253	7.43
52) CM	Toluene	0.871	0.924	0.890	0.944	0.947	0.961	0.923	3.82#
53) T	t-1,3-Dichloro...	0.464	0.473	0.457	0.487	0.498	0.499	0.480	3.71
54) T	cis-1,3-Dichlo...	0.523	0.548	0.535	0.562	0.562	0.568	0.550	3.22
55) T	1,1,2-Trichlor...	0.241	0.243	0.232	0.243	0.248	0.249	0.243	2.42
56) T	Ethyl methacry...	0.370	0.362	0.354	0.381	0.398	0.403	0.378	5.26

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y051525S.M

57)	T	1,3-Dichloropr...	0.418	0.436	0.413	0.438	0.442	0.440	0.431	2.80
58)	T	2-Chloroethyl ...	0.141	0.150	0.144	0.183	0.197	0.203	0.170	16.60
59)	T	2-Hexanone	0.167	0.167	0.151	0.166	0.183	0.185	0.170	7.38
60)	T	Dibromochlorom...	0.296	0.314	0.298	0.323	0.329	0.330	0.315	4.88
61)	T	1,2-Dibromoethane	0.221	0.228	0.214	0.227	0.234	0.232	0.226	3.22
62)	S	4-Bromofluorob...	0.390	0.386	0.368	0.387	0.387	0.407	0.387	3.25
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.474	0.481	0.470	0.474	0.446	0.429	0.462	4.37
65)	PM	Chlorobenzene	1.112	1.110	1.106	1.154	1.143	1.143	1.128	1.87
66)	T	1,1,1,2-Tetrac...	0.373	0.377	0.372	0.394	0.399	0.411	0.388	4.14
67)	C	Ethyl Benzene	2.014	2.043	2.049	2.175	2.173	2.222	2.113	4.13#
68)	T	m/p-Xylenes	0.749	0.770	0.763	0.818	0.825	0.852	0.796	5.16
69)	T	o-Xylene	0.704	0.741	0.723	0.768	0.782	0.802	0.753	4.93
70)	T	Styrene	1.182	1.214	1.210	1.303	1.335	1.380	1.270	6.28
71)	P	Bromoform	0.202	0.214	0.194	0.209	0.219	0.217	0.209	4.53
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.157	4.192	4.100	4.197	4.028	4.181	4.142	1.60
74)	T	N-amyl acetate	1.195	1.173	1.114	1.159	1.235	1.232	1.185	3.91
75)	P	1,1,2,2-Tetrac...	0.656	0.647	0.581	0.628	0.645	0.666	0.637	4.77
76)	T	1,2,3-Trichlor...	0.522	0.467	0.516	0.501	0.521	0.514	0.507	4.12
77)	T	Bromobenzene	0.887	0.885	0.848	0.895	0.889	0.904	0.885	2.17
78)	T	n-propylbenzene	5.031	5.047	4.904	5.127	4.865	5.006	4.996	1.93
79)	T	2-Chlorotoluene	2.715	2.786	2.694	2.804	2.704	2.772	2.746	1.71
80)	T	1,3,5-Trimethy...	3.393	3.386	3.275	3.410	3.251	3.349	3.344	1.98
81)	T	trans-1,4-Dich...	0.269	0.260	0.241	0.237	0.246	0.248	0.250	4.80
82)	T	4-Chlorotoluene	2.801	2.829	2.744	2.907	2.797	2.867	2.824	2.02
83)	T	tert-Butylbenzene	3.037	2.974	2.900	3.029	2.879	3.014	2.972	2.29
84)	T	1,2,4-Trimethy...	3.189	3.349	3.206	3.413	3.329	3.431	3.319	3.07
85)	T	sec-Butylbenzene	4.390	4.461	4.318	4.573	4.307	4.421	4.412	2.24
86)	T	p-Isopropyltol...	3.598	3.610	3.573	3.818	3.754	3.911	3.710	3.72
87)	T	1,3-Dichlorobe...	1.757	1.774	1.715	1.838	1.839	1.914	1.806	3.96
88)	T	1,4-Dichlorobe...	1.759	1.765	1.706	1.750	1.723	1.720	1.737	1.39
89)	T	n-Butylbenzene	3.419	3.500	3.490	3.668	3.452	3.533	3.510	2.47
90)	T	Hexachloroethane	0.773	0.759	0.736	0.761	0.726	0.740	0.749	2.36
91)	T	1,2-Dichlorobe...	1.526	1.520	1.479	1.534	1.520	1.523	1.517	1.27
92)	T	1,2-Dibromo-3-...	0.107	0.104	0.093	0.100	0.109	0.104	0.103	5.68
93)	T	1,2,4-Trichlor...	0.860	0.845	0.848	0.900	0.904	0.902	0.876	3.23
94)	T	Hexachlorobuta...	0.511	0.485	0.496	0.502	0.474	0.464	0.489	3.56
95)	T	Naphthalene	1.704	1.579	1.527	1.653	1.778	1.737	1.663	5.78
96)	T	1,2,3-Trichlor...	0.753	0.721	0.702	0.752	0.777	0.756	0.743	3.64

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022253.D
 Acq On : 15 May 2025 09:46
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:20:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	276170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	470488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	385399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	174003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	15118	5.009	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.020%#		
35) Dibromofluoromethane	7.634	113	13854	4.933	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.860%#		
50) Toluene-d8	10.109	98	57575	5.006	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.020%#		
62) 4-Bromofluorobenzene	12.408	95	18328	5.028	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.060%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	15071	5.230	ug/l	96
3) Chloromethane	2.068	50	33477	5.523	ug/l	100
4) Vinyl Chloride	2.208	62	34943	5.159	ug/l	96
5) Bromomethane	2.598	94	30561	5.543	ug/l	99
6) Chloroethane	2.739	64	20741	4.923	ug/l	97
7) Trichlorofluoromethane	3.056	101	34641	5.052	ug/l	98
8) Diethyl Ether	3.458	74	8435	5.126	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	15124	5.081	ug/l	95
10) Methyl Iodide	4.013	142	15449	4.484	ug/l	99
11) Tert butyl alcohol	4.879	59	6159	26.722	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	15064	5.099	ug/l	93
13) Acrolein	3.653	56	9366	27.796	ug/l	94
14) Allyl chloride	4.385	41	24537	4.737	ug/l	94
15) Acrylonitrile	5.061	53	17036	25.125	ug/l	100
16) Acetone	3.879	43	17340	30.639	ug/l	91
17) Carbon Disulfide	4.110	76	48817	5.068	ug/l	99
18) Methyl Acetate	4.391	43	9639m	5.597	ug/l	
19) Methyl tert-butyl Ether	5.128	73	40392	4.959	ug/l	97
20) Methylene Chloride	4.610	84	22002	6.016	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	15943	4.889	ug/l	85
22) Diisopropyl ether	6.025	45	53760	4.915	ug/l	97
23) Vinyl Acetate	5.964	43	167594	25.361	ug/l	96
24) 1,1-Dichloroethane	5.921	63	30712	5.026	ug/l	97
25) 2-Butanone	6.903	43	24805	26.203	ug/l	91
26) 2,2-Dichloropropane	6.884	77	27440	5.048	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	18276	4.857	ug/l	98
28) Bromochloromethane	7.250	49	12774	4.901	ug/l	98
29) Tetrahydrofuran	7.268	42	14502	23.811	ug/l	93
30) Chloroform	7.421	83	28505	4.863	ug/l	94
31) Cyclohexane	7.701	56	35904	5.880	ug/l #	89
32) 1,1,1-Trichloroethane	7.622	97	27801	5.170	ug/l	96
36) 1,1-Dichloropropene	7.841	75	22314	4.824	ug/l	97
37) Ethyl Acetate	6.994	43	11910	5.352	ug/l	96
38) Carbon Tetrachloride	7.823	117	22826	4.768	ug/l	98
39) Methylcyclohexane	9.109	83	31218	5.024	ug/l	98
40) Benzene	8.085	78	64430	4.699	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022253.D
 Acq On : 15 May 2025 09:46
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:20:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	7201m	4.422	ug/l	
42) 1,2-Dichloroethane	8.158	62	17934	4.837	ug/l	97
43) Isopropyl Acetate	8.201	43	23979	4.941	ug/l	99
44) Trichloroethene	8.872	130	16852	4.943	ug/l	95
45) 1,2-Dichloropropane	9.146	63	15855	4.796	ug/l	95
46) Dibromomethane	9.238	93	8879	4.980	ug/l	92
47) Bromodichloromethane	9.427	83	21906	4.736	ug/l #	95
48) Methyl methacrylate	9.225	41	10729	4.727	ug/l	98
49) 1,4-Dioxane	9.244	88	1962	97.404	ug/l #	78
51) 4-Methyl-2-Pentanone	10.000	43	55880	23.464	ug/l	97
52) Toluene	10.170	92	41001	4.722	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	21842	4.839	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	24609	4.758	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	11333	4.964	ug/l #	89
56) Ethyl methacrylate	10.438	69	17420	4.898	ug/l	98
57) 1,3-Dichloropropane	10.725	76	19684	4.852	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	33215	20.807	ug/l	100
59) 2-Hexanone	10.762	43	39307	24.617	ug/l	100
60) Dibromochloromethane	10.914	129	13908	4.693	ug/l	98
61) 1,2-Dibromoethane	11.018	107	10391	4.883	ug/l	94
64) Tetrachloroethene	10.652	164	18255	5.125	ug/l	96
65) Chlorobenzene	11.444	112	42844	4.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	14385	4.812	ug/l	99
67) Ethyl Benzene	11.524	91	77606	4.766	ug/l	99
68) m/p-Xylenes	11.633	106	57721	9.407	ug/l	99
69) o-Xylene	11.957	106	27130	4.673	ug/l	99
70) Styrene	11.975	104	45556	4.652	ug/l	99
71) Bromoform	12.133	173	7799	4.834	ug/l #	94
73) Isopropylbenzene	12.255	105	72325	5.017	ug/l	98
74) N-amyl acetate	12.072	43	20793	5.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	11422	5.152	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	9076m	2.960	ug/l	
77) Bromobenzene	12.536	156	15441	5.015	ug/l	97
78) n-propylbenzene	12.597	91	87533	5.034	ug/l	98
79) 2-Chlorotoluene	12.682	91	47245	4.944	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	59031	5.073	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	4676	5.373	ug/l	97
82) 4-Chlorotoluene	12.780	91	48737	4.959	ug/l	98
83) tert-Butylbenzene	12.999	119	52841	5.109	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	55488	4.804	ug/l	97
85) sec-Butylbenzene	13.176	105	76384	4.975	ug/l	97
86) p-Isopropyltoluene	13.292	119	62608	4.849	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	30564	4.863	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	30610	5.063	ug/l	96
89) n-Butylbenzene	13.621	91	59485	4.869	ug/l	99
90) Hexachloroethane	13.883	117	13445	5.158	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	26556	5.030	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1865	5.217	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	14961	4.906	ug/l	94
94) Hexachlorobutadiene	15.029	225	8887	5.226	ug/l	99
95) Naphthalene	15.151	128	29654	5.124	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	13097	5.063	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022253.D
Acq On : 15 May 2025 09:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

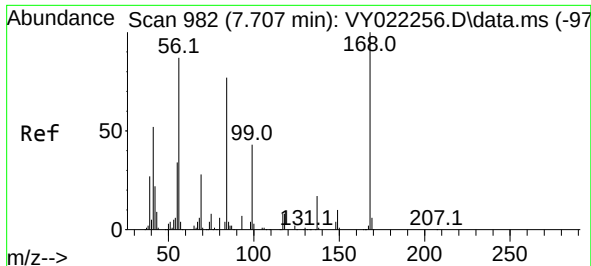
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:20:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

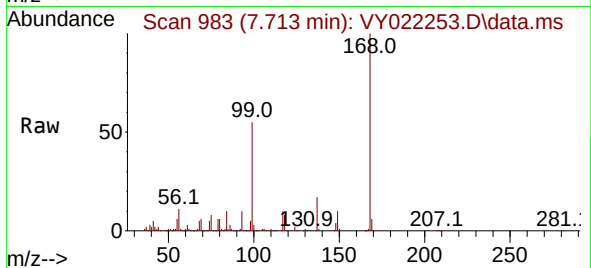
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

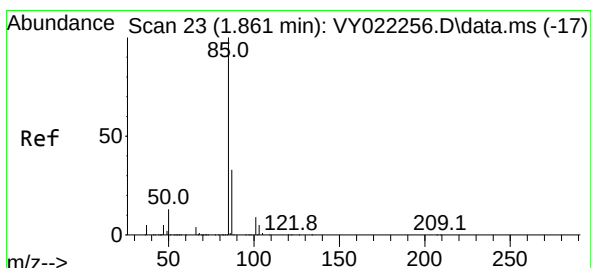
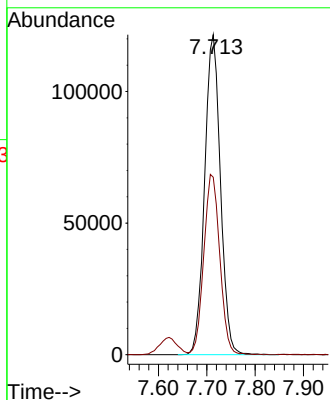
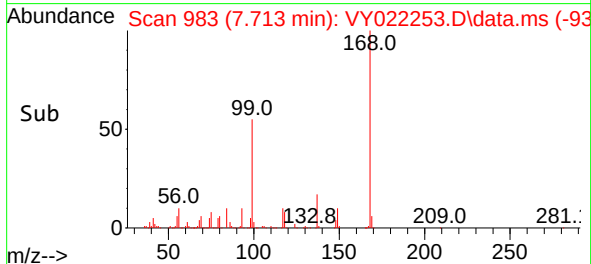
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 276170
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4

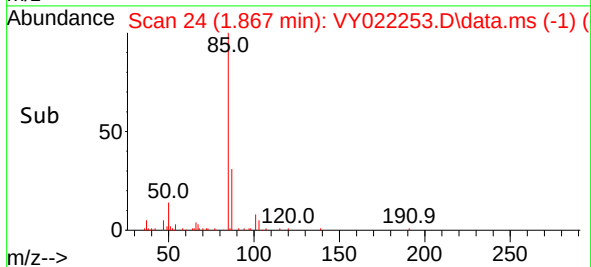
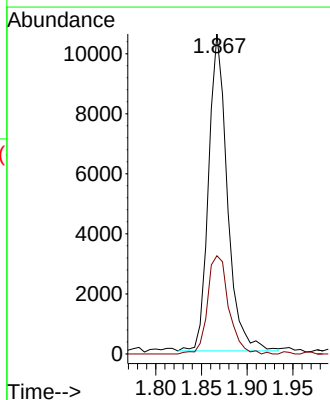
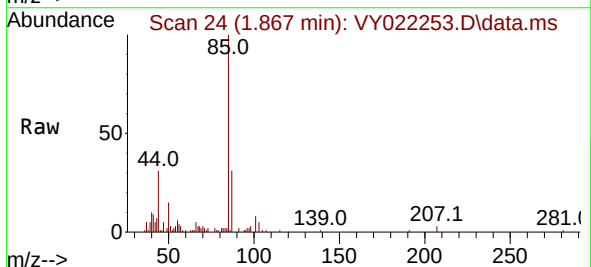
Manual Integrations
APPROVED

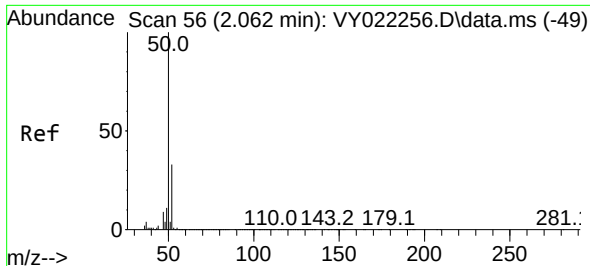
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 5.230 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

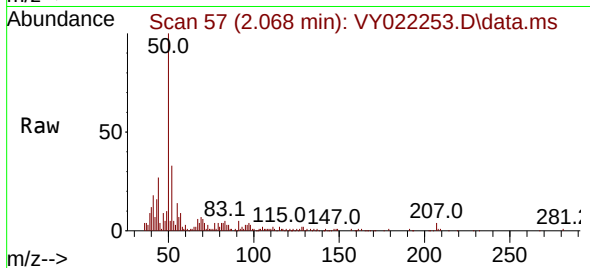
Tgt Ion: 85 Resp: 15071
Ion Ratio Lower Upper
85 100
87 31.0 16.5 49.5





#3
Chloromethane
Concen: 5.523 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

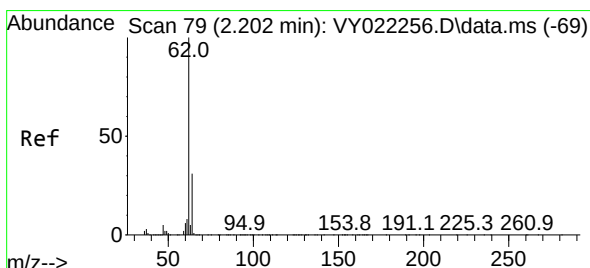
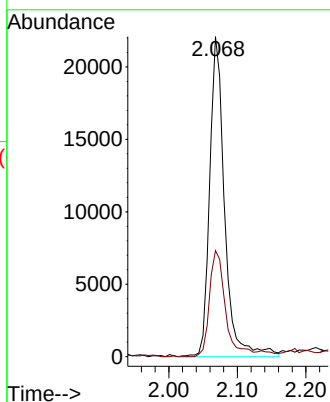
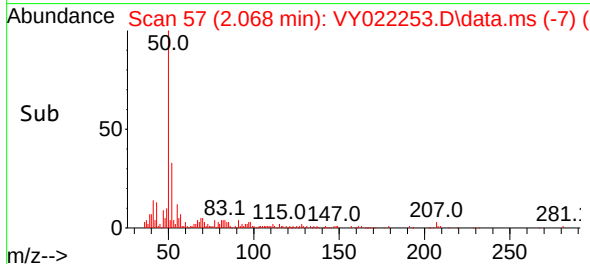
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



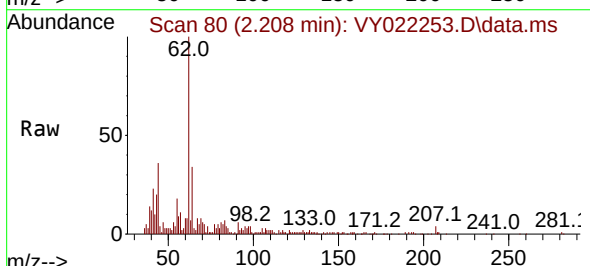
Tgt Ion: 50 Resp: 3347
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

Manual Integrations
APPROVED

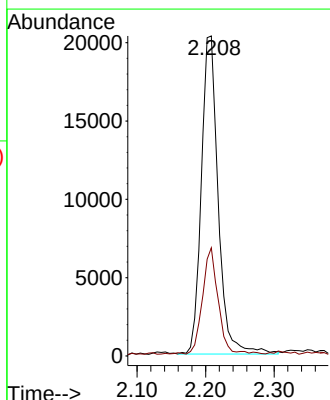
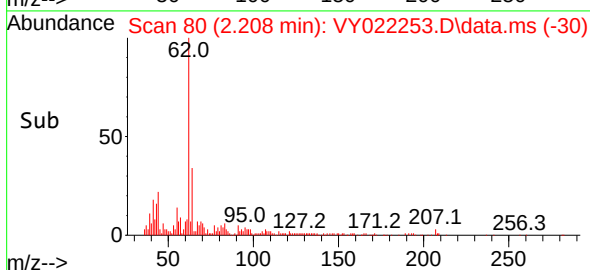
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

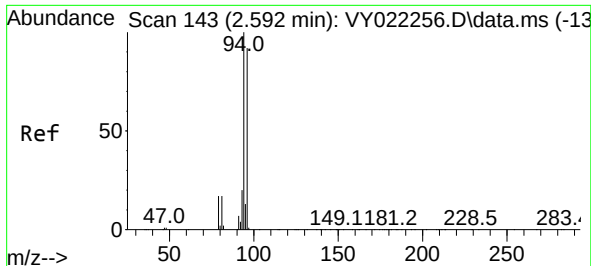


#4
Vinyl Chloride
Concen: 5.159 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



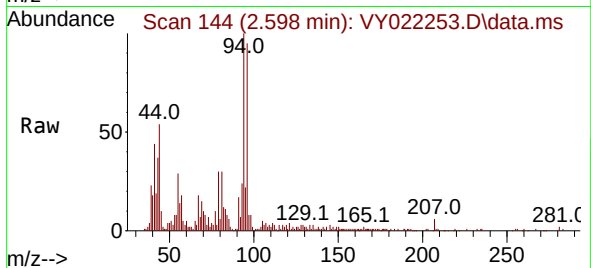
Tgt Ion: 62 Resp: 34943
Ion Ratio Lower Upper
62 100
64 33.0 24.5 36.7





#5
Bromomethane
Concen: 5.543 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

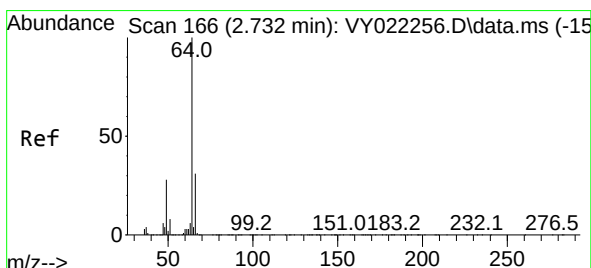
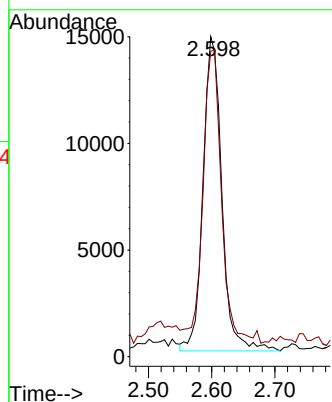
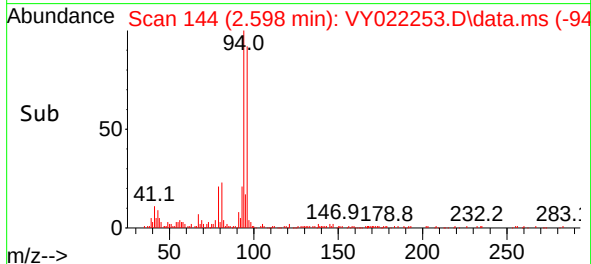
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



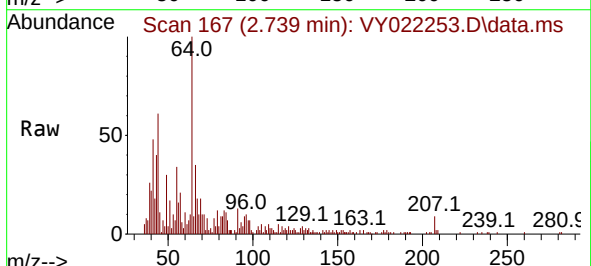
Tgt Ion: 94 Resp: 3056
Ion Ratio Lower Upper
94 100
96 90.7 73.4 110.0

Manual Integrations
APPROVED

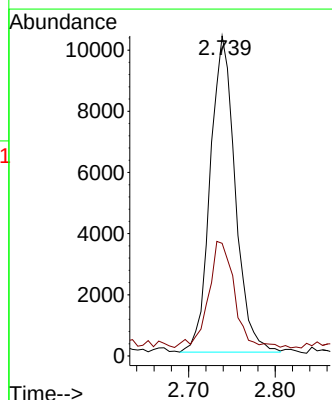
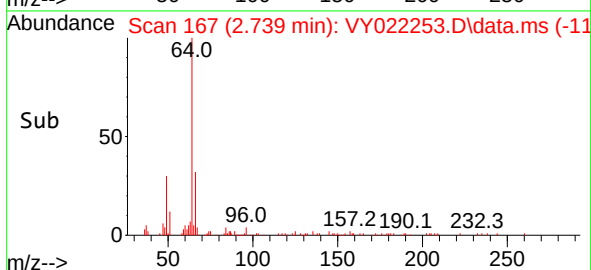
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

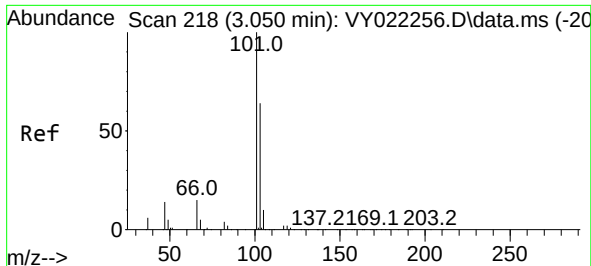


#6
Chloroethane
Concen: 4.923 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



Tgt Ion: 64 Resp: 20741
Ion Ratio Lower Upper
64 100
66 32.8 24.8 37.2





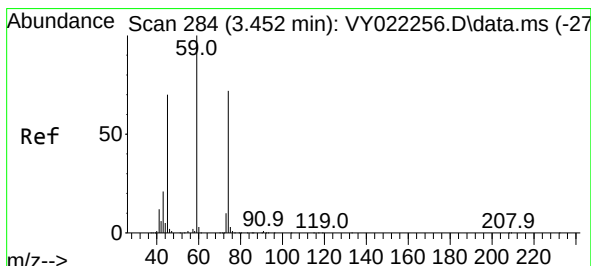
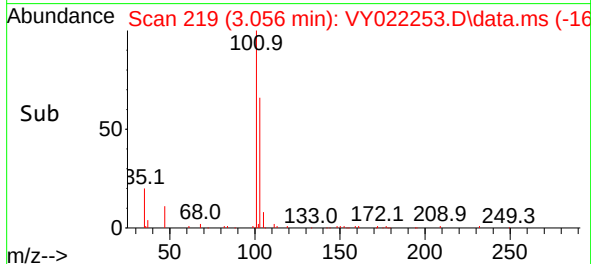
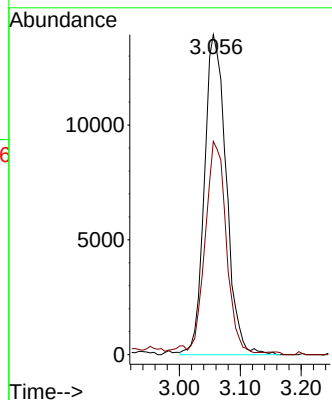
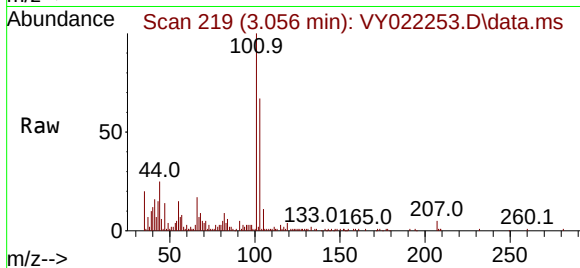
#7
Trichlorofluoromethane
Concen: 5.052 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 3464
Ion Ratio Lower Upper
101 100
103 66.0 51.7 77.5

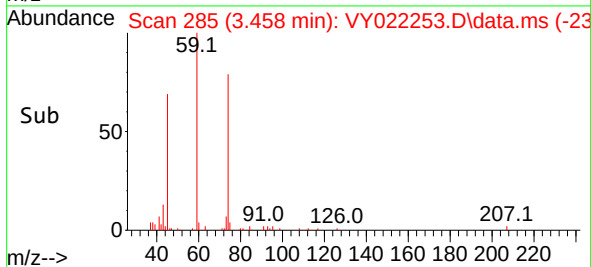
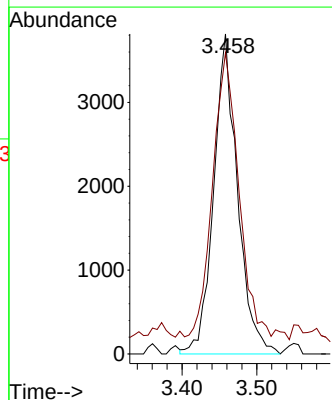
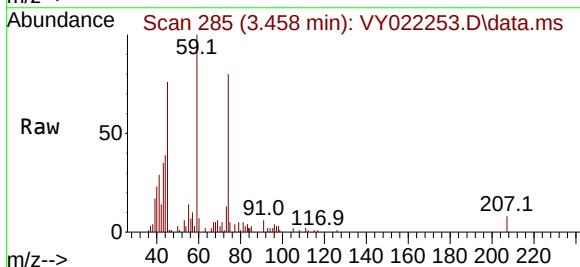
Manual Integrations
APPROVED

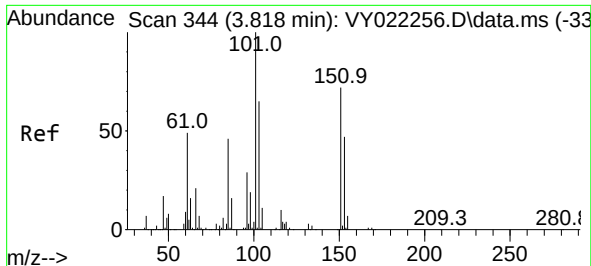
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#8
Diethyl Ether
Concen: 5.126 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 74 Resp: 8435
Ion Ratio Lower Upper
74 100
45 96.3 48.6 145.8





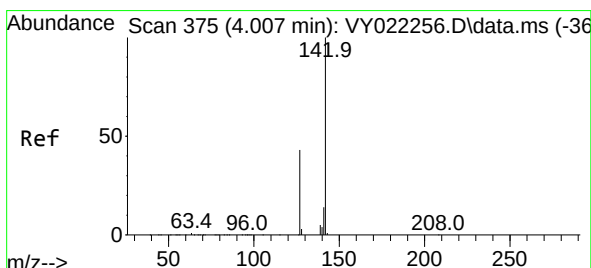
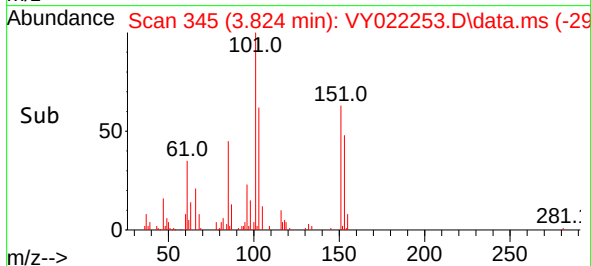
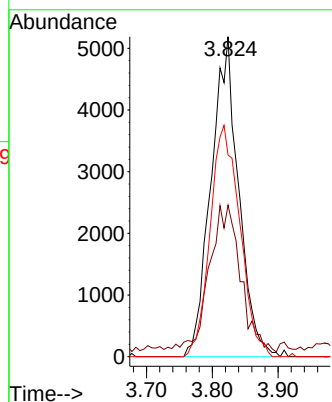
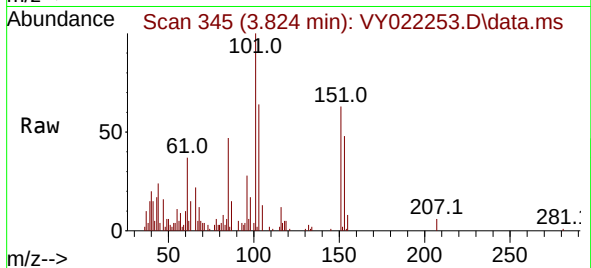
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.081 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 15124
Ion Ratio Lower Upper
101 100
85 52.5 38.6 58.0
151 78.0 59.7 89.5

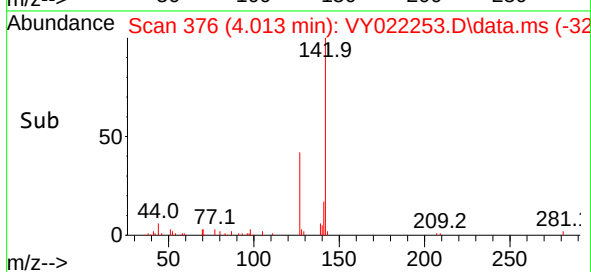
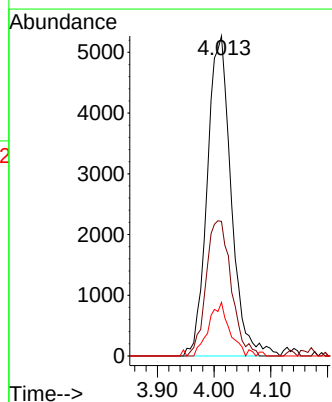
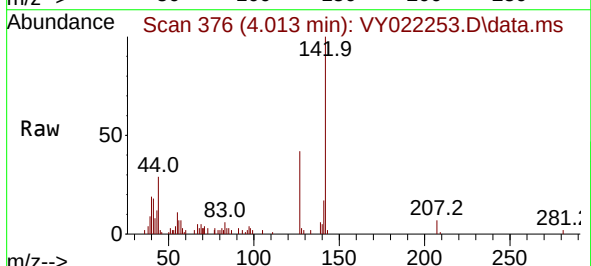
Manual Integrations
APPROVED

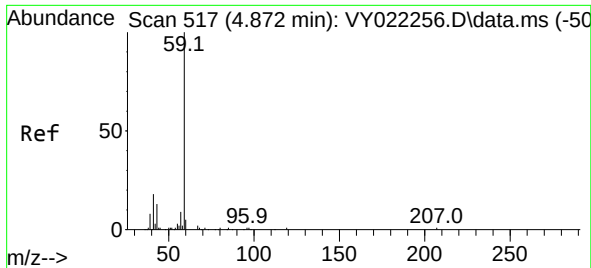
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 4.484 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

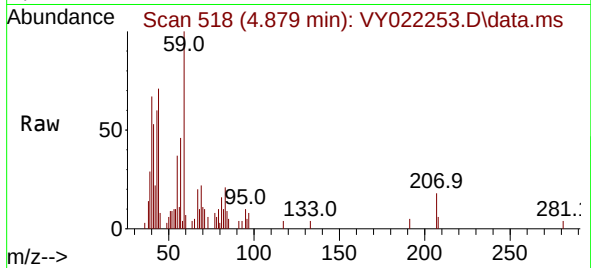
Tgt Ion:142 Resp: 15449
Ion Ratio Lower Upper
142 100
127 44.4 35.7 53.5
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 26.722 ug/l
RT: 4.879 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

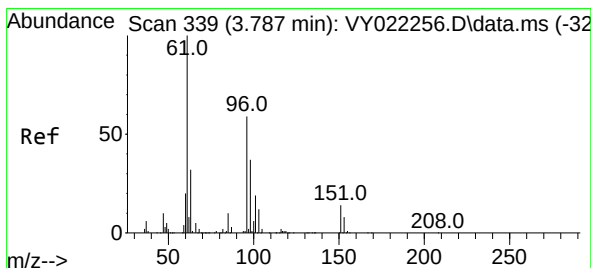
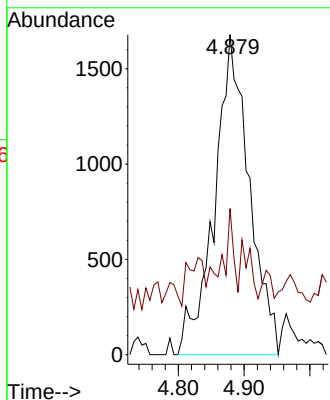
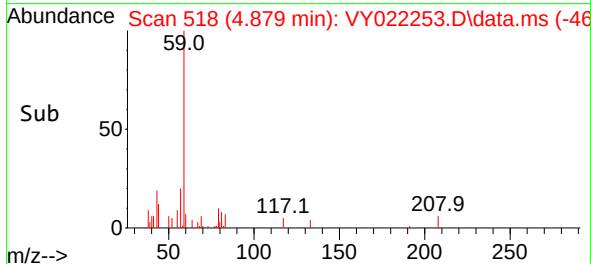
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



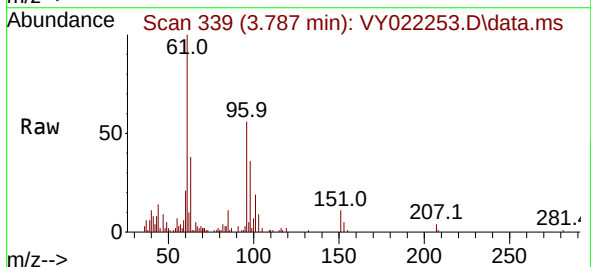
Tgt Ion: 59 Resp: 6159
Ion Ratio Lower Upper
59 100
57 5.4 0.0 0.0

Manual Integrations
APPROVED

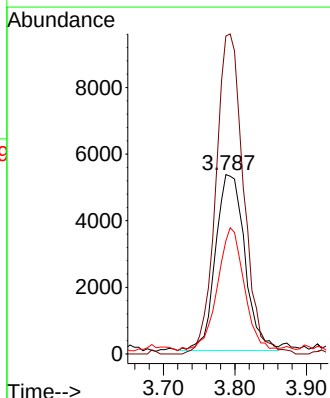
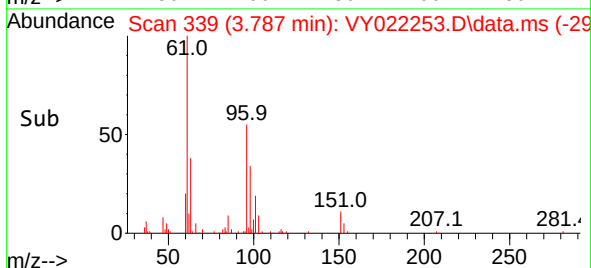
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

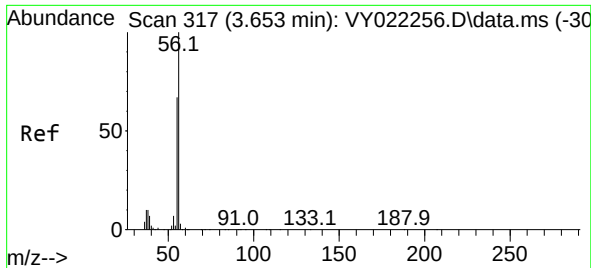


#12
1,1-Dichloroethene
Concen: 5.099 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



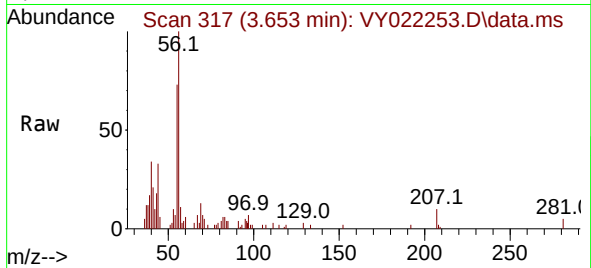
Tgt Ion: 96 Resp: 15064
Ion Ratio Lower Upper
96 100
61 180.8 134.9 202.3
98 62.6 49.9 74.9





#13
Acrolein
Concen: 27.796 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

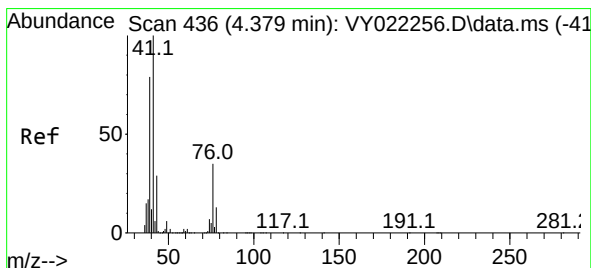
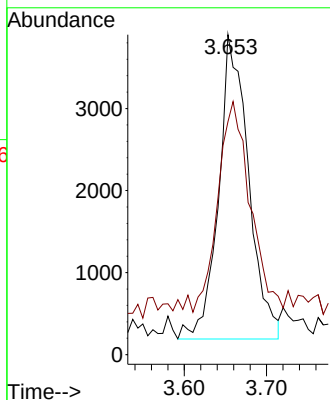
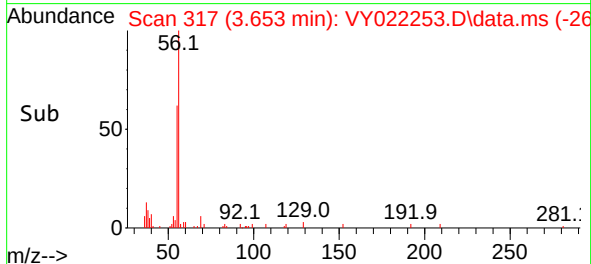
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



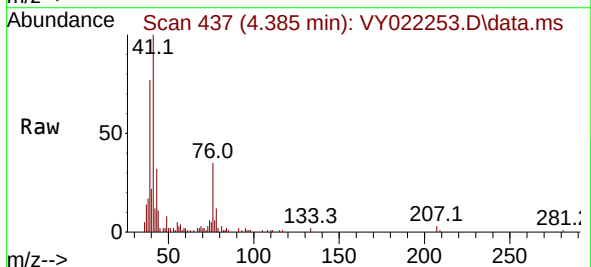
Tgt Ion: 56 Resp: 9360
Ion Ratio Lower Upper
56 100
55 74.6 55.6 83.4

Manual Integrations
APPROVED

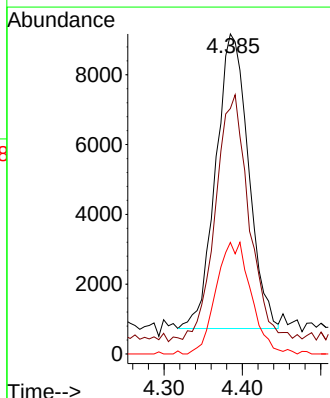
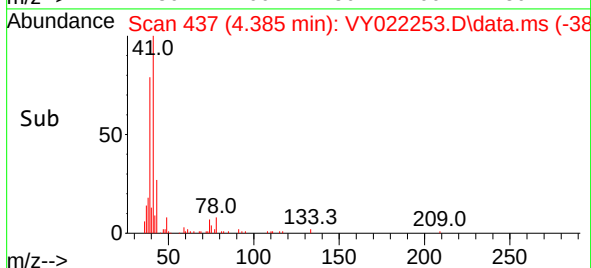
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

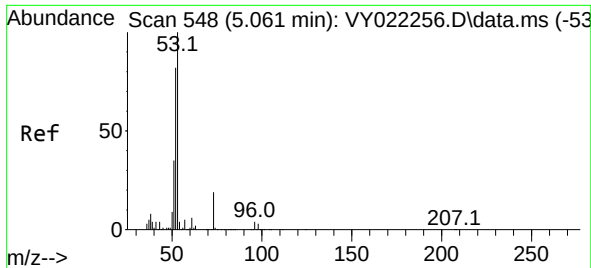


#14
Allyl chloride
Concen: 4.737 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



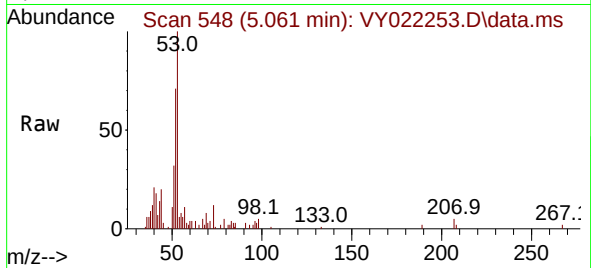
Tgt Ion: 41 Resp: 24537
Ion Ratio Lower Upper
41 100
39 83.9 63.4 95.0
76 40.5 29.5 44.3





#15
Acrylonitrile
Concen: 25.125 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

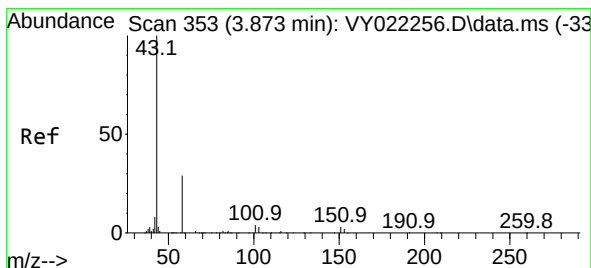
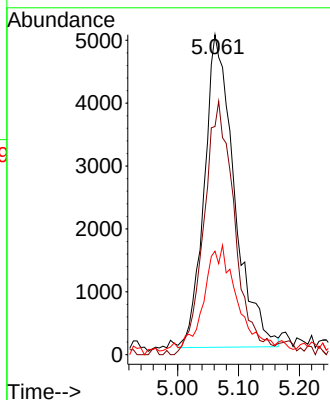
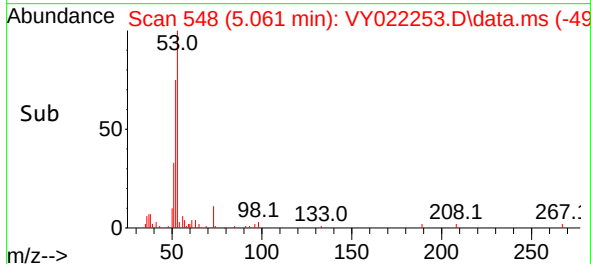
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



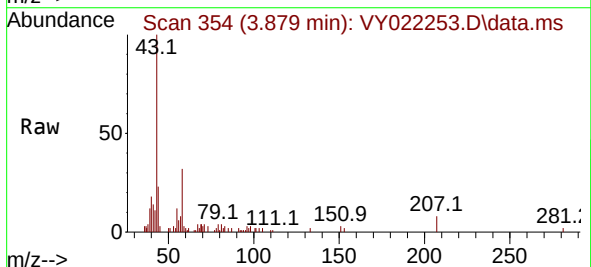
Tgt Ion: 53 Resp: 17030
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 38.0 30.0 45.0

Manual Integrations
APPROVED

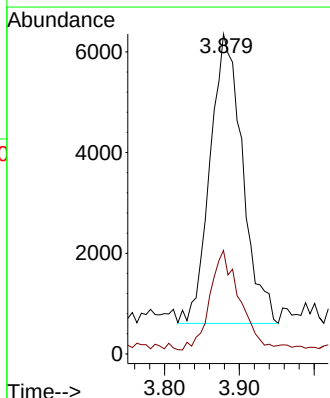
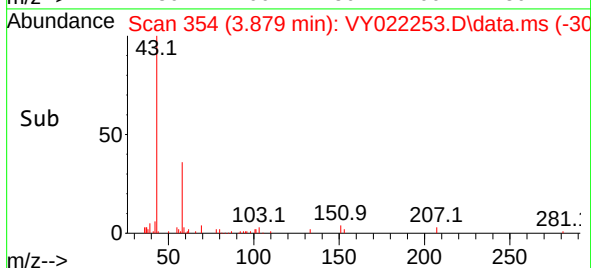
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

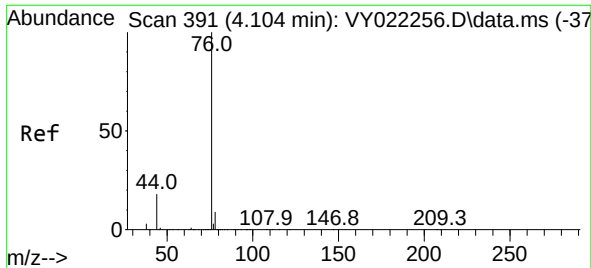


#16
Acetone
Concen: 30.639 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



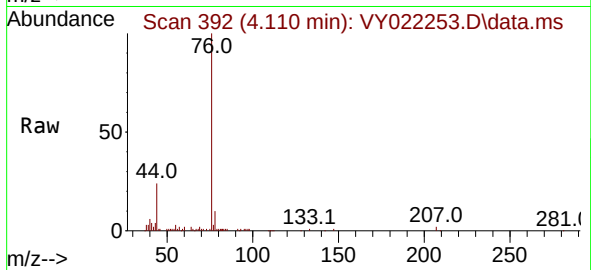
Tgt Ion: 43 Resp: 17340
Ion Ratio Lower Upper
43 100
58 34.3 23.6 35.4





#17
Carbon Disulfide
Concen: 5.068 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

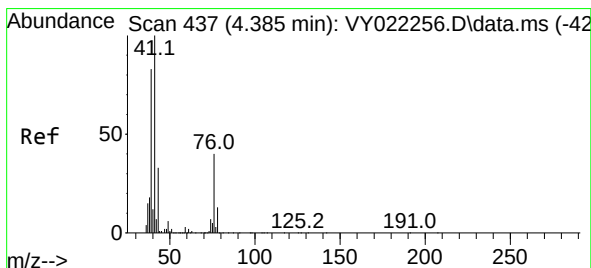
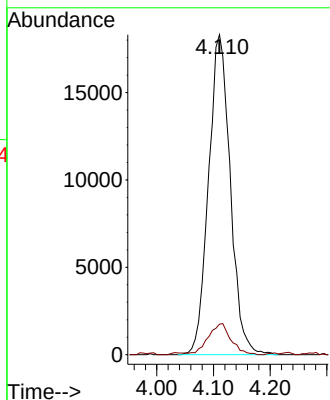
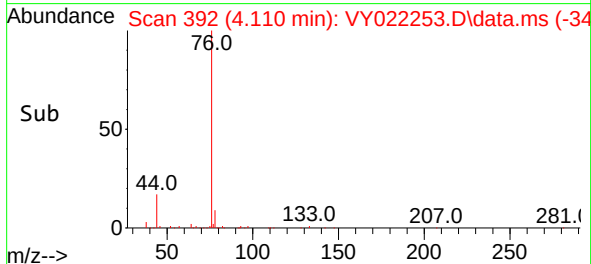
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 4881
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

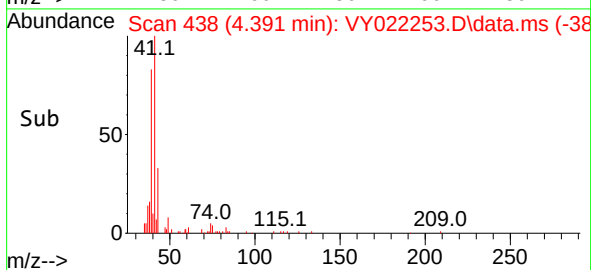
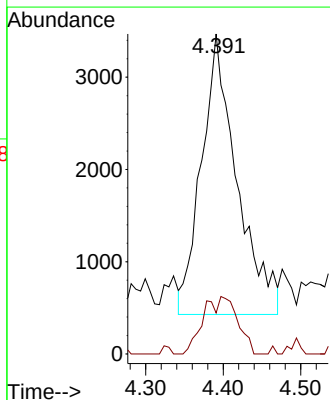
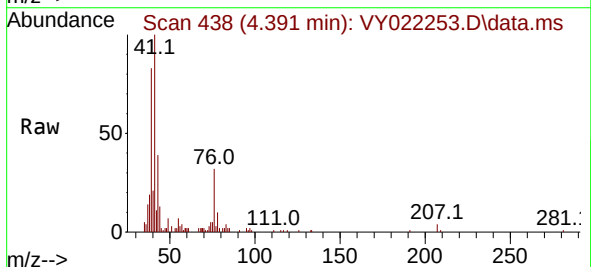
Manual Integrations
APPROVED

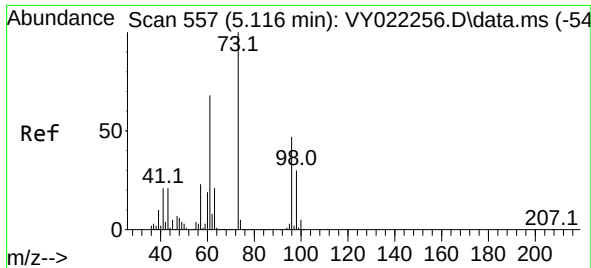
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#18
Methyl Acetate
Concen: 5.597 ug/l m
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 43 Resp: 9639
Ion Ratio Lower Upper
43 100
74 8.9 18.2 27.4#





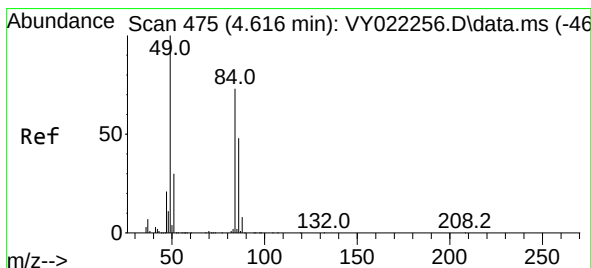
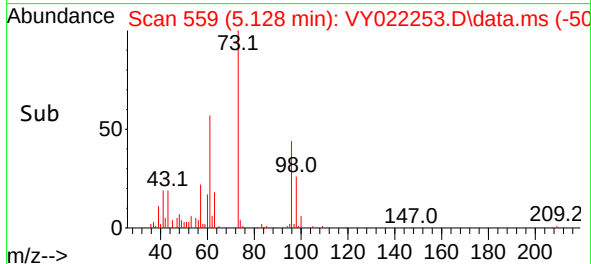
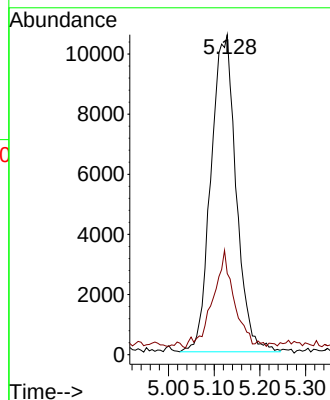
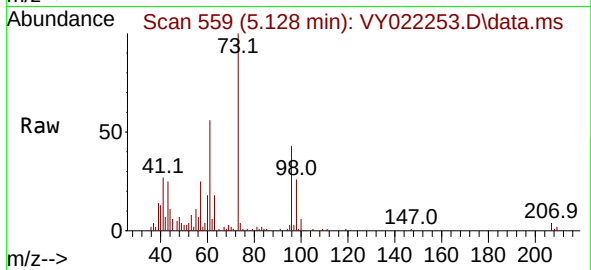
#19
Methyl tert-butyl Ether
Concen: 4.959 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 40392
Ion Ratio Lower Upper
73 100
57 22.0 18.6 28.0

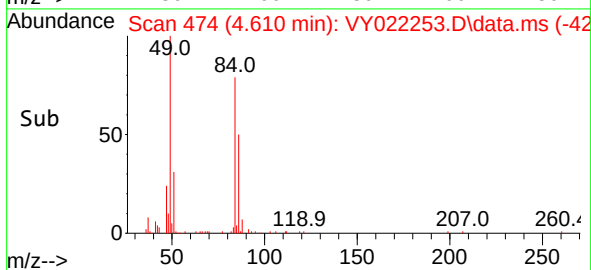
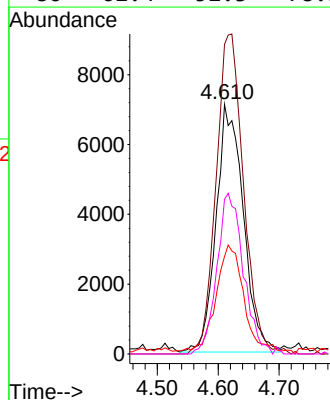
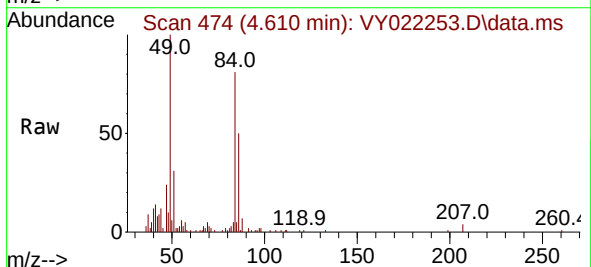
Manual Integrations
APPROVED

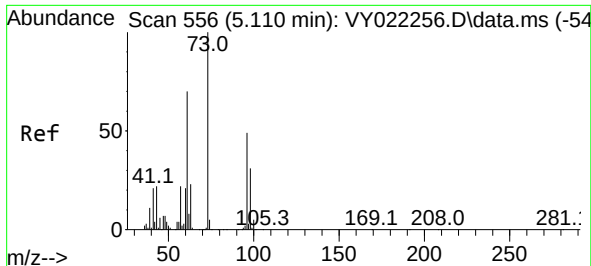
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20
Methylene Chloride
Concen: 6.016 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

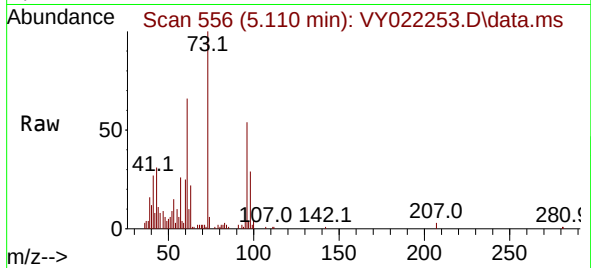
Tgt Ion: 84 Resp: 22002
Ion Ratio Lower Upper
84 100
49 125.0 109.6 164.4
51 38.1 32.4 48.6
86 62.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 4.889 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

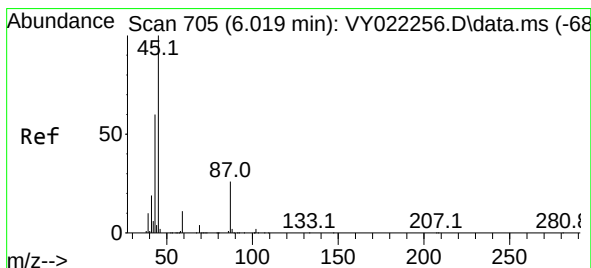
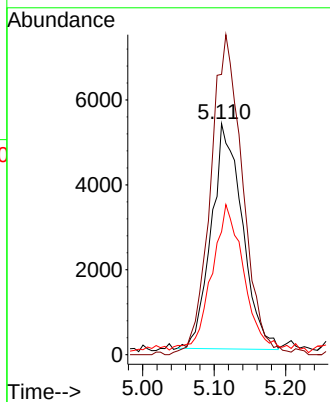
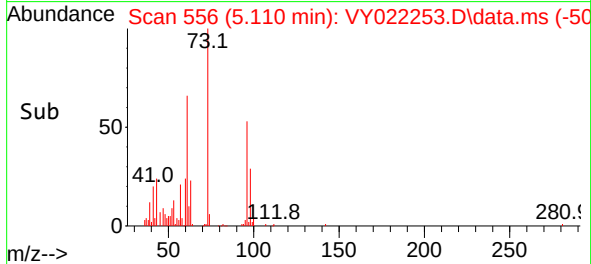
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



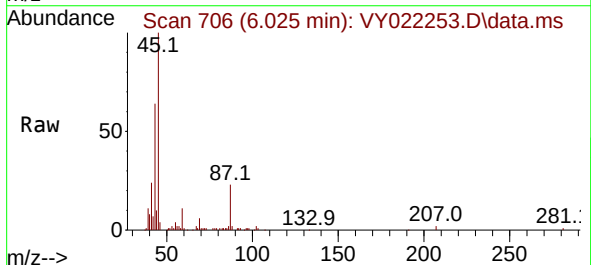
Tgt Ion: 96 Resp: 1594
Ion Ratio Lower Upper
96 100
61 123.1 113.4 170.0
98 51.2 50.9 76.3

Manual Integrations
APPROVED

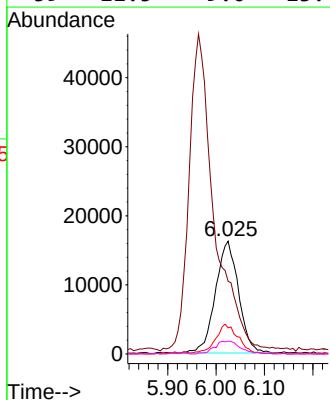
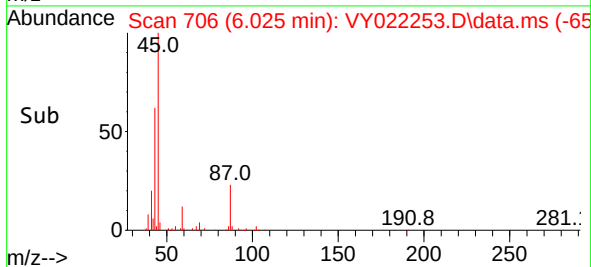
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

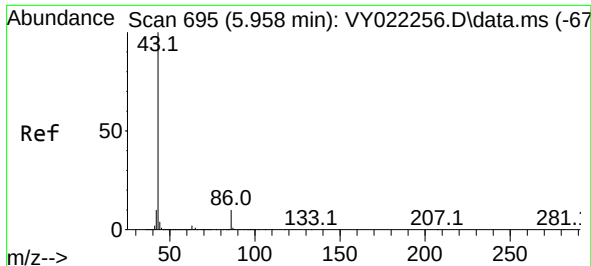


#22
Diisopropyl ether
Concen: 4.915 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



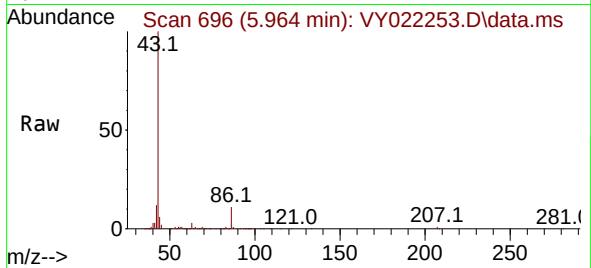
Tgt Ion: 45 Resp: 53760
Ion Ratio Lower Upper
45 100
43 59.6 48.2 72.2
87 22.4 21.4 32.0
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 25.361 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46

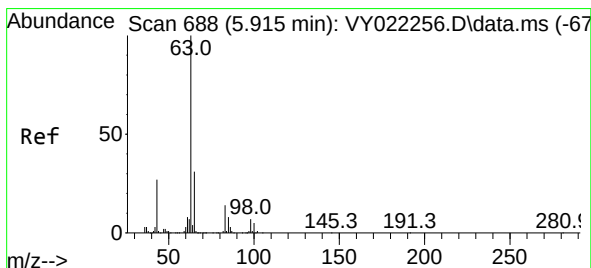
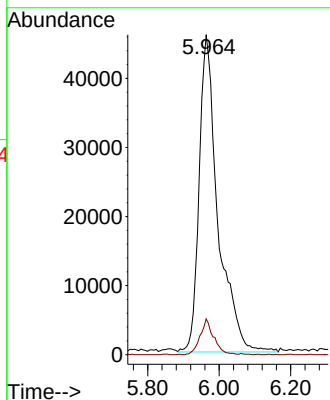
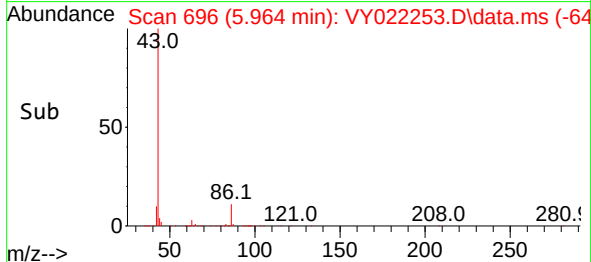
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



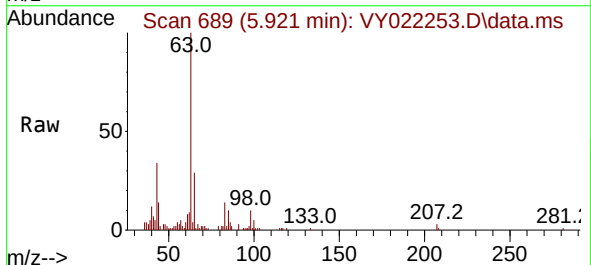
Tgt Ion: 43 Resp: 167594
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

Manual Integrations
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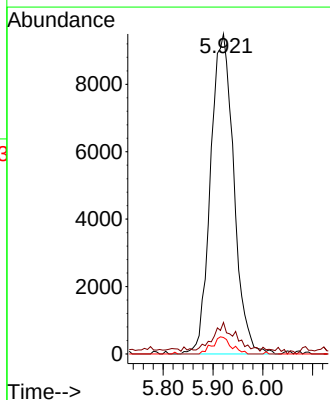
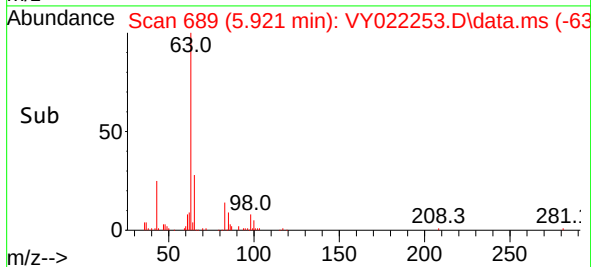
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

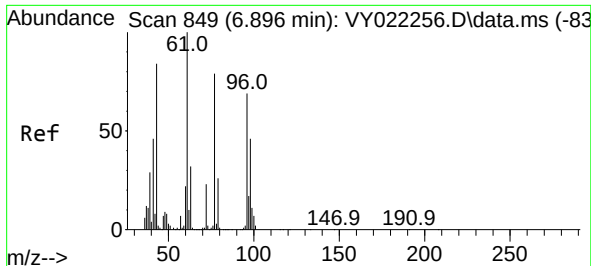


#24
 1,1-Dichloroethane
 Concen: 5.026 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46



Tgt Ion: 63 Resp: 30712
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.5
 100 5.1 2.4 7.2





#25

2-Butanone

Concen: 26.203 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 2480

Ion Ratio Lower Upper

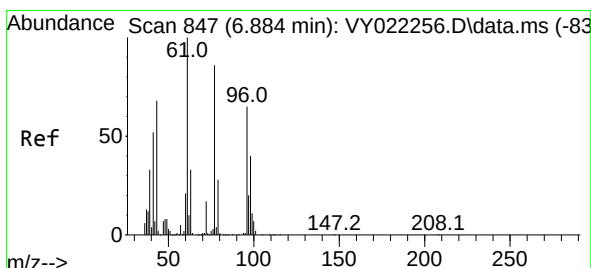
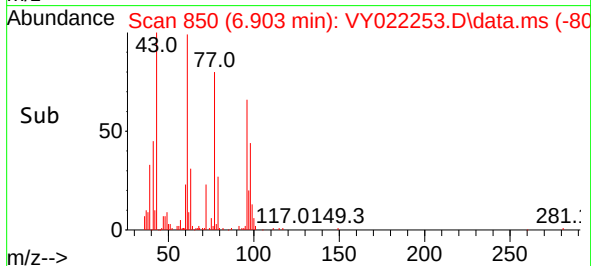
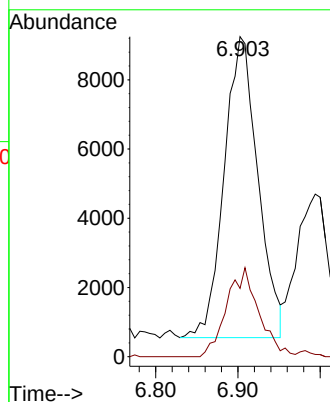
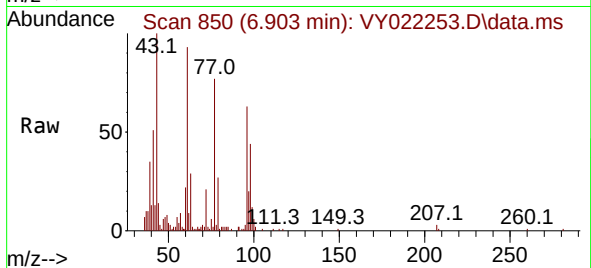
43 100

72 22.7 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#26

2,2-Dichloropropane

Concen: 5.048 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022253.D

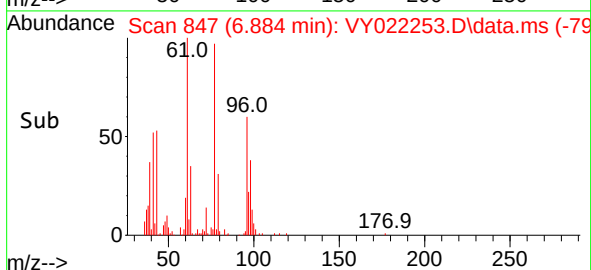
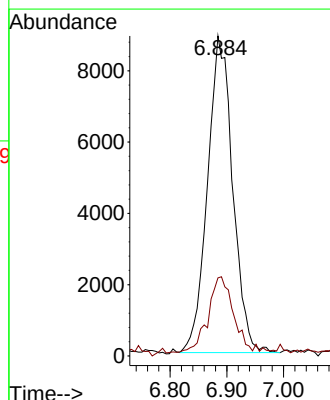
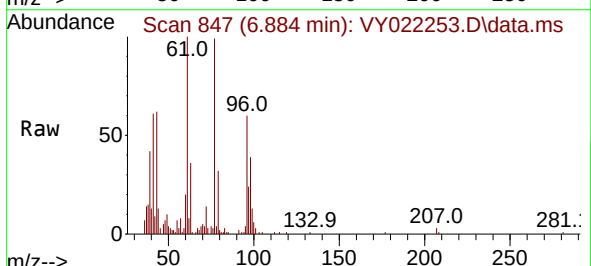
Acq: 15 May 2025 09:46

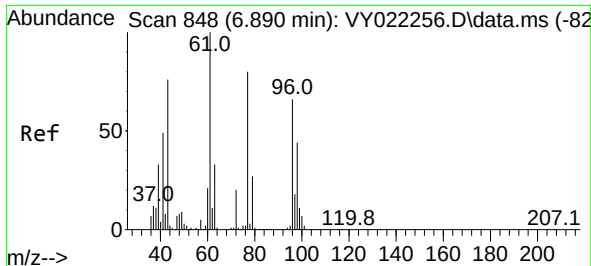
Tgt Ion: 77 Resp: 27440

Ion Ratio Lower Upper

77 100

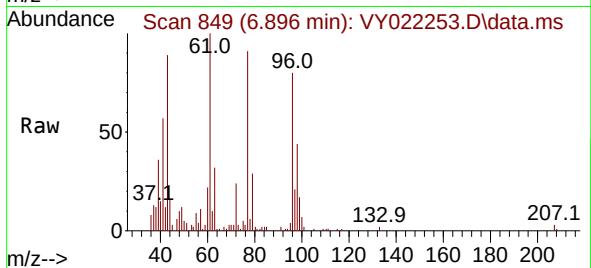
97 23.9 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 4.857 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

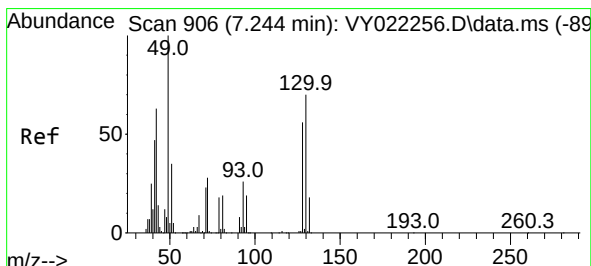
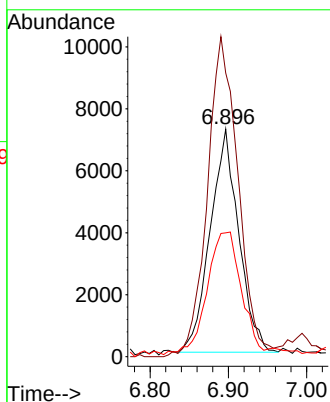
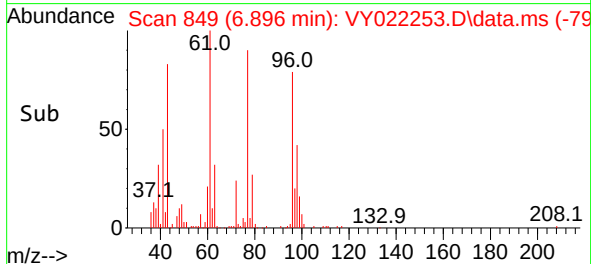
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 18270
Ion Ratio Lower Upper
96 100
61 154.3 0.0 302.6
98 66.0 0.0 128.8

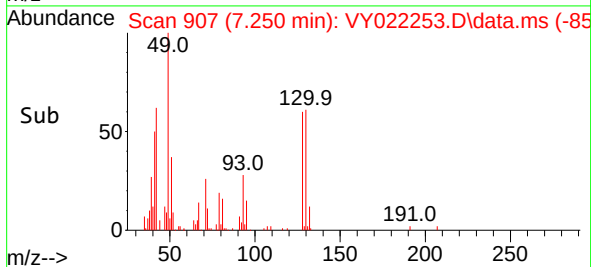
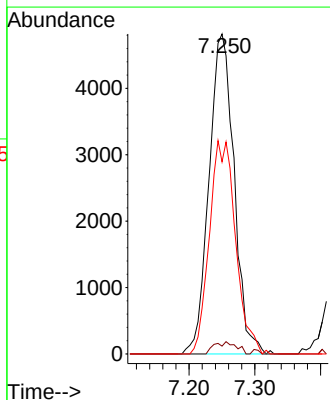
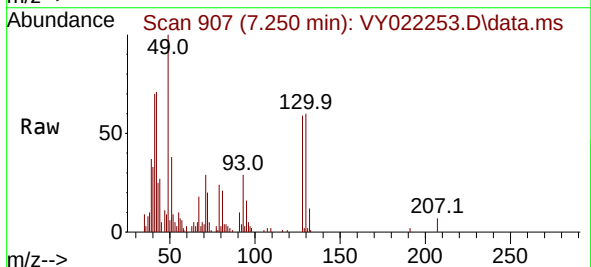
Manual Integrations
APPROVED

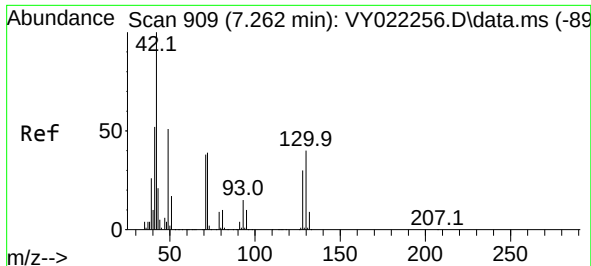
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#28
Bromochloromethane
Concen: 4.901 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 49 Resp: 12774
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.6
130 69.7 54.7 82.1





#29

Tetrahydrofuran

Concen: 23.811 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

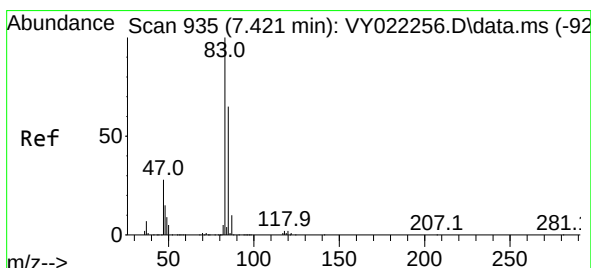
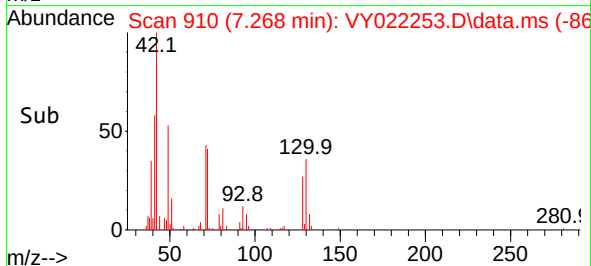
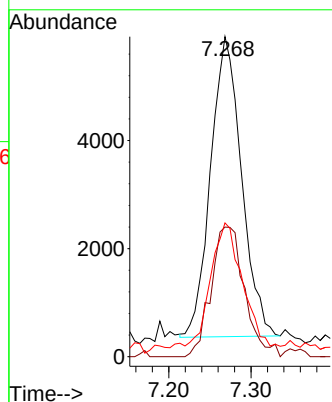
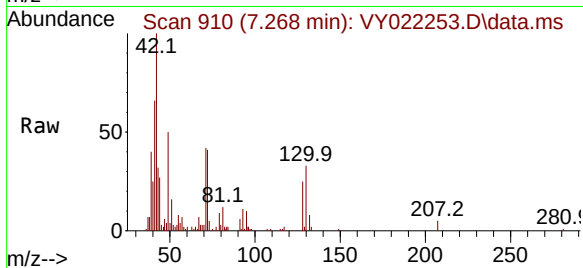
VSTDICC005

Tgt Ion:	42	Resp:	1450
Ion Ratio	Lower	Upper	
42	100		
72	46.7	33.8	50.6
71	43.0	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#30

Chloroform

Concen: 4.863 ug/l

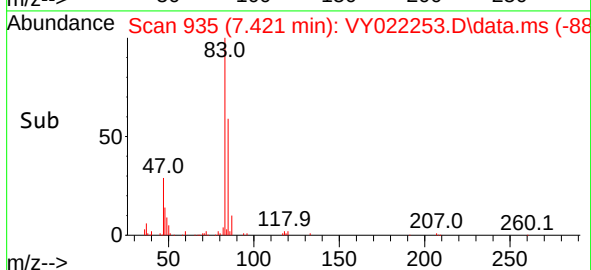
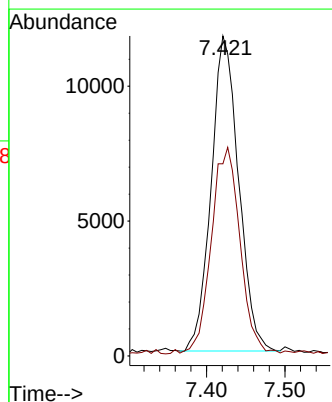
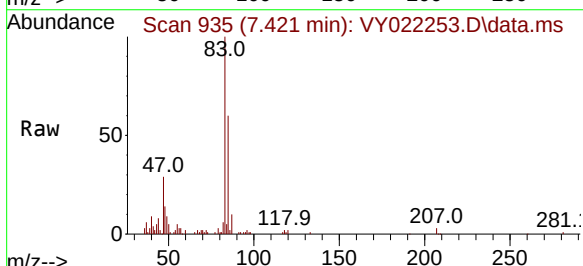
RT: 7.421 min Scan# 935

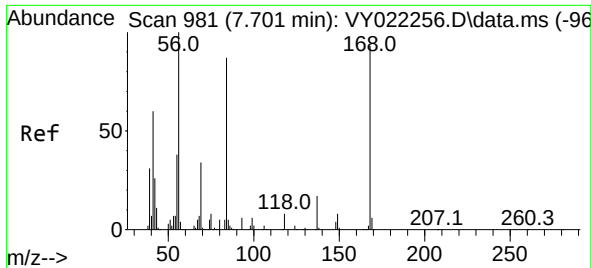
Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

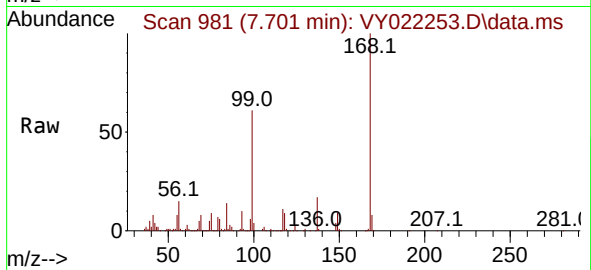
Tgt Ion:	83	Resp:	28505
Ion Ratio	Lower	Upper	
83	100		
85	60.1	51.8	77.8





#31
Cyclohexane
Concen: 5.880 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

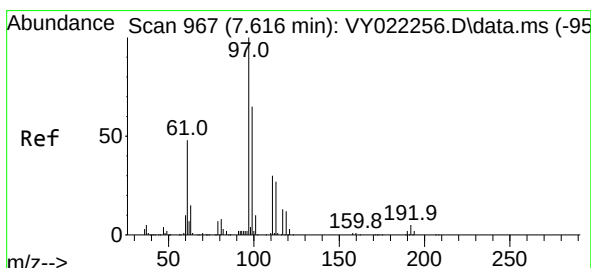
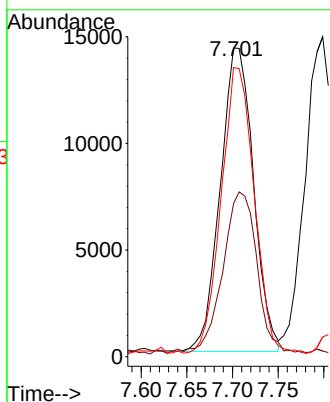
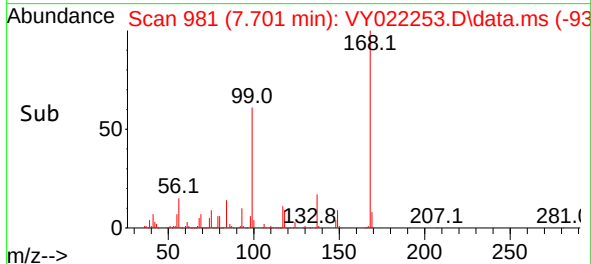
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 35904
Ion Ratio Lower Upper
56 100
69 48.0 27.4 41.2
84 93.4 70.0 105.0

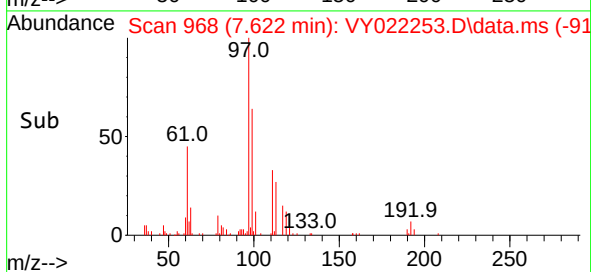
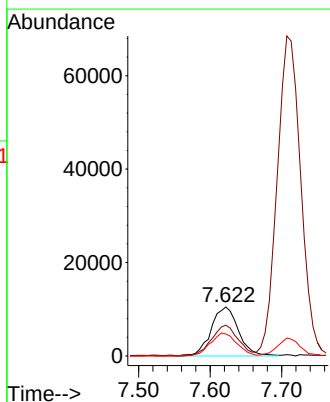
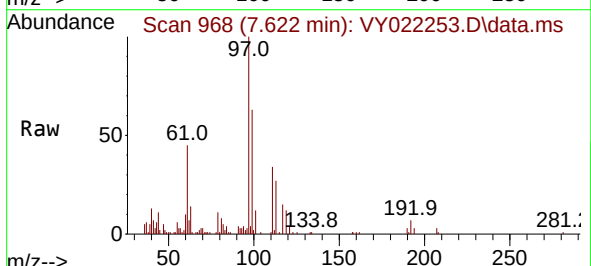
Manual Integrations
APPROVED

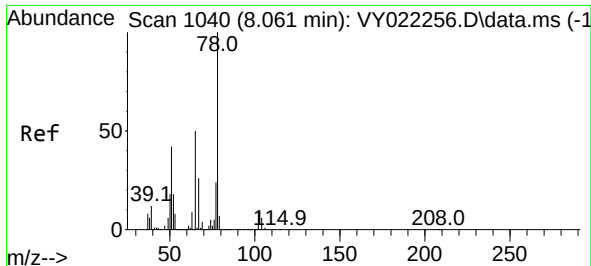
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#32
1,1,1-Trichloroethane
Concen: 5.170 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 97 Resp: 27801
Ion Ratio Lower Upper
97 100
99 60.7 51.4 77.0
61 45.4 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 5.009 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 15118

Ion Ratio Lower Upper

65 100

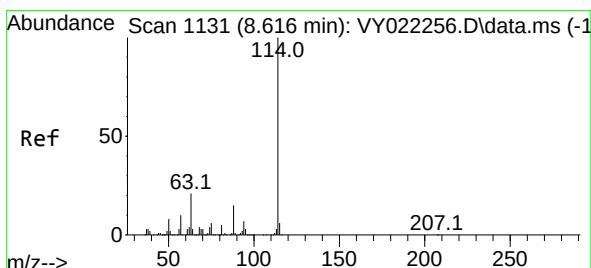
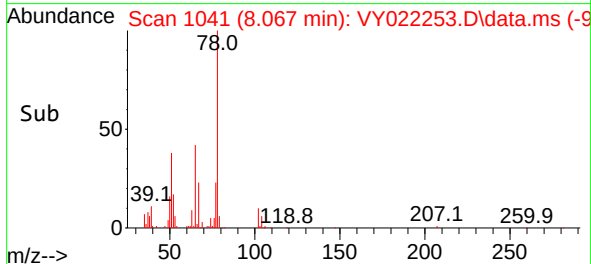
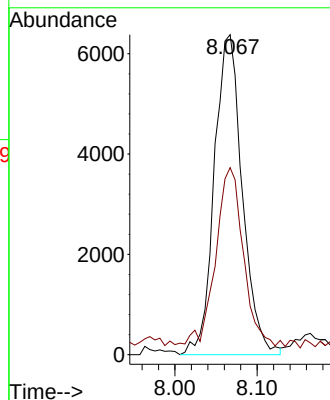
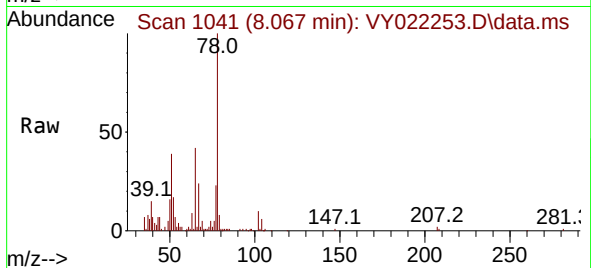
67 54.6 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

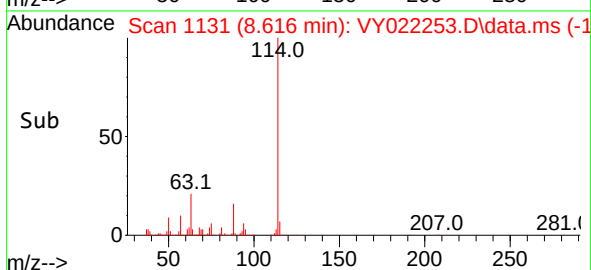
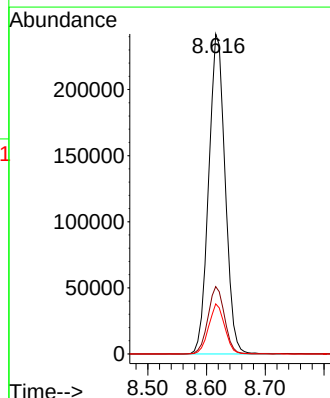
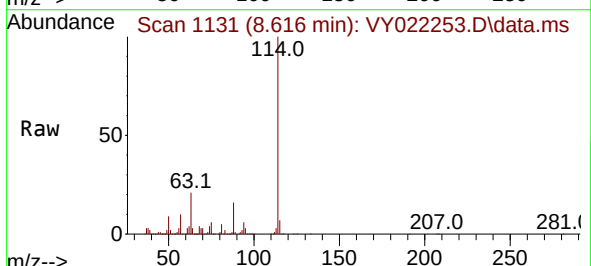
Tgt Ion:114 Resp: 470488

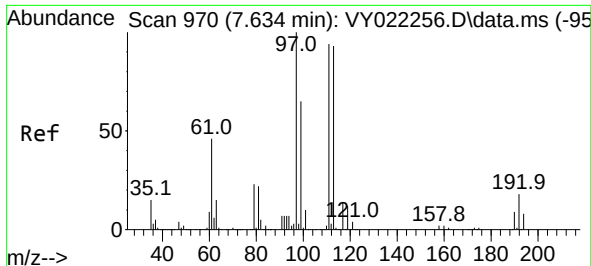
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.0

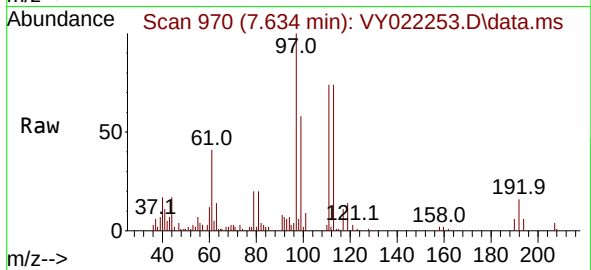
88 15.7 0.0 29.4





#35
Dibromofluoromethane
Concen: 4.933 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

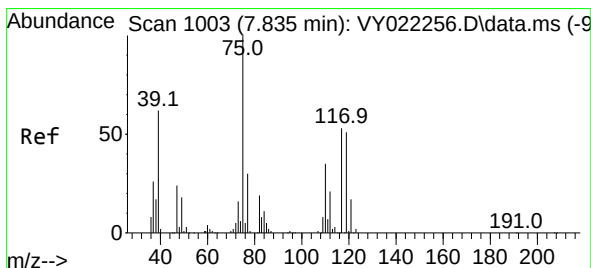
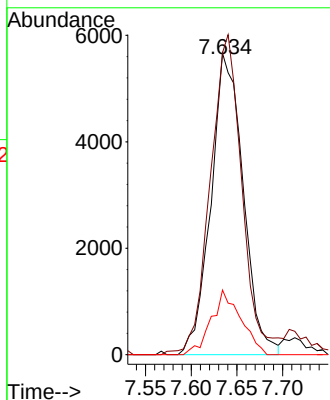
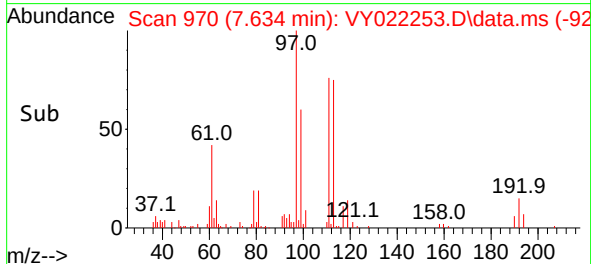
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



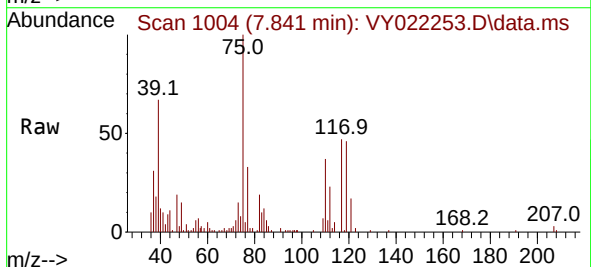
Tgt Ion: 113 Resp: 13854
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.7 15.2 22.8

Manual Integrations
APPROVED

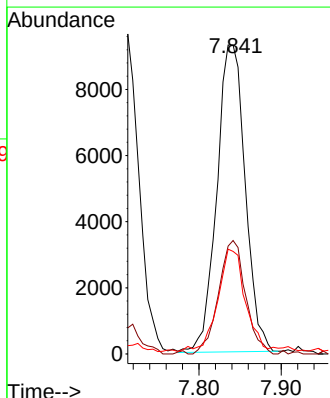
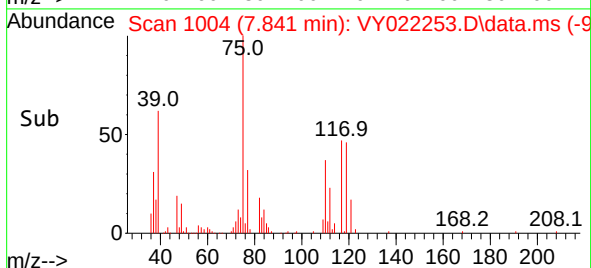
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

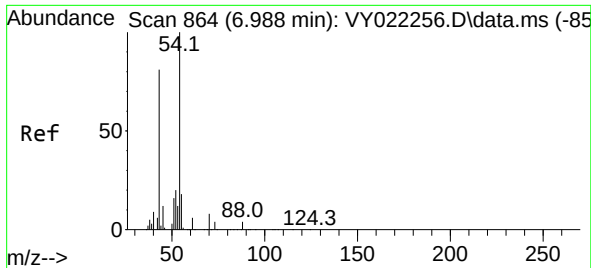


#36
1,1-Dichloropropene
Concen: 4.824 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



Tgt Ion: 75 Resp: 22314
Ion Ratio Lower Upper
75 100
110 35.1 16.6 49.8
77 32.4 24.6 37.0





#37

Ethyl Acetate

Concen: 5.352 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

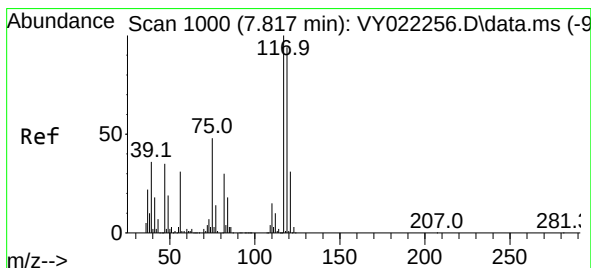
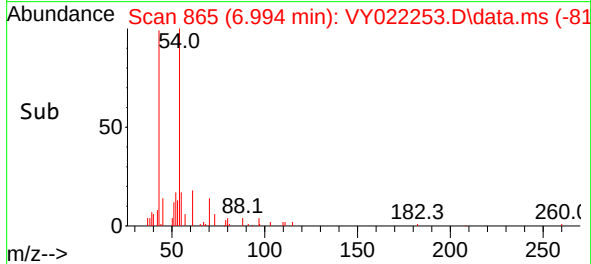
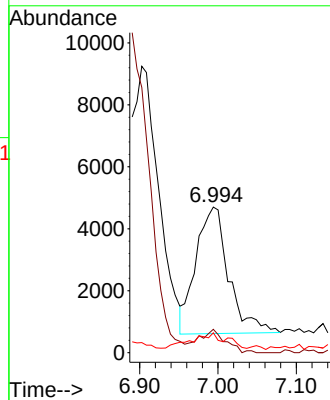
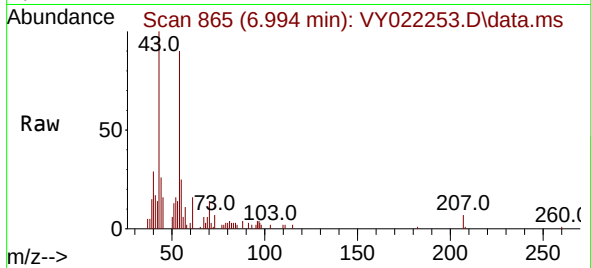
Tgt Ion: 43 Resp: 11910

Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.2	15.2
70	9.6	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#38

Carbon Tetrachloride

Concen: 4.768 ug/l

RT: 7.823 min Scan# 1001

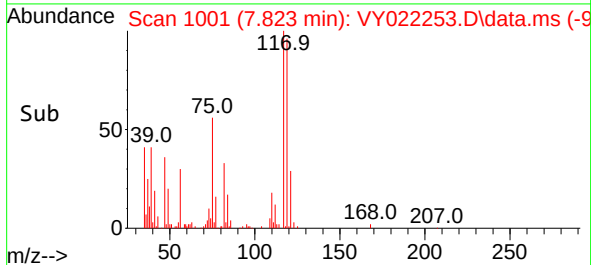
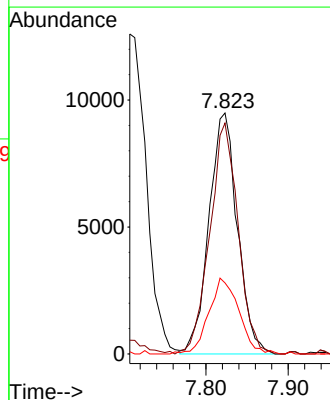
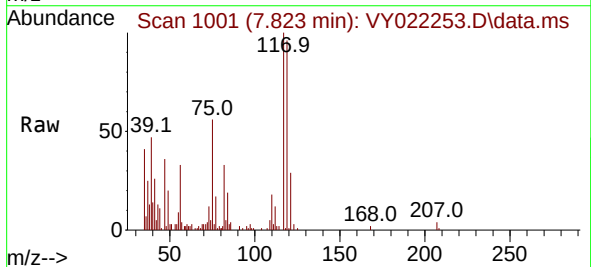
Delta R.T. 0.006 min

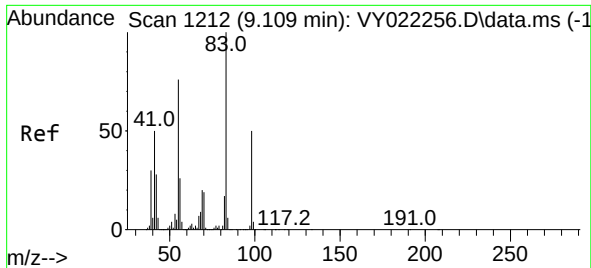
Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion:117 Resp: 22826

Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.3	112.9
121	29.5	24.7	37.1





#39

Methylcyclohexane

Concen: 5.024 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

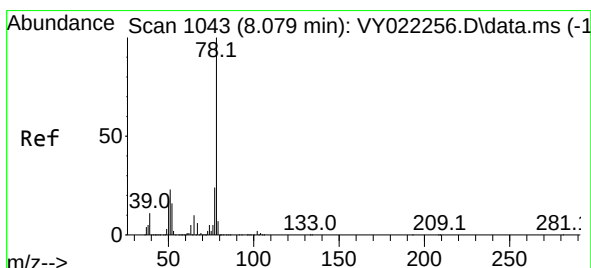
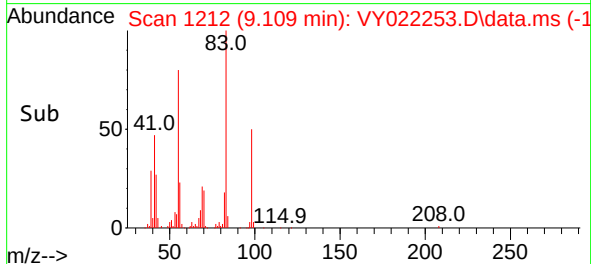
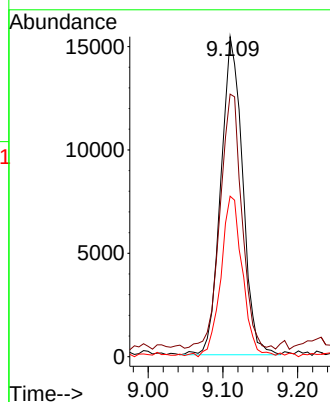
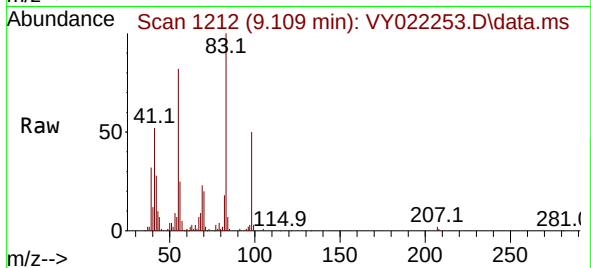
VSTDIC005

Tgt Ion: 83	Resp: 31218
Ion Ratio	Lower Upper
83 100	
55 78.9	60.6 90.8
98 49.6	40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#40

Benzene

Concen: 4.699 ug/l

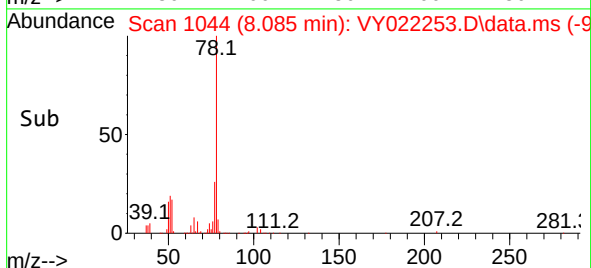
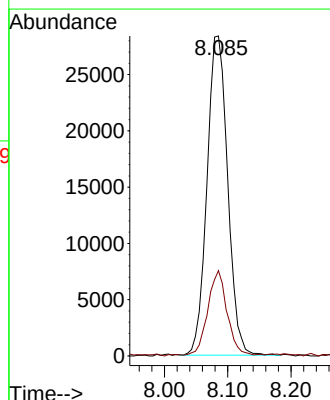
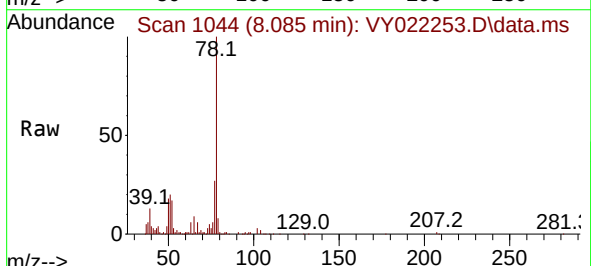
RT: 8.085 min Scan# 1044

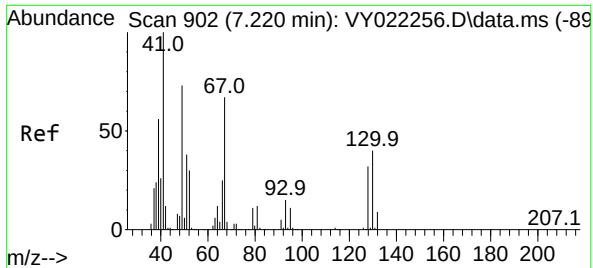
Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion: 78	Resp: 64430
Ion Ratio	Lower Upper
78 100	
77 26.4	18.9 28.3





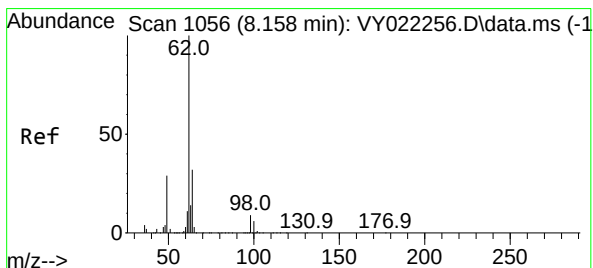
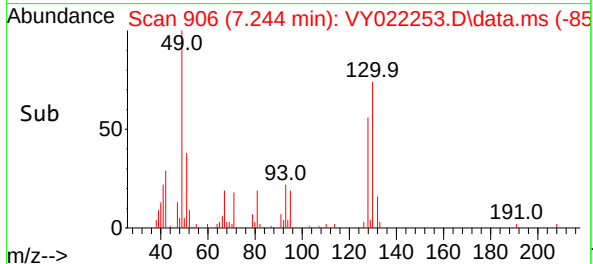
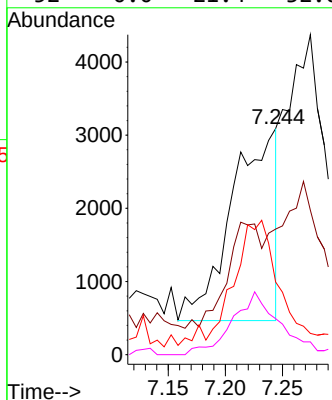
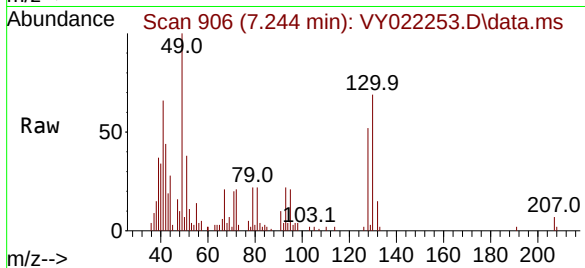
#41
Methacrylonitrile
Concen: 4.422 ug/l m
RT: 7.244 min Scan# 902
Delta R.T. 0.024 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 720
Ion Ratio Lower Upper
41 100
39 63.3 39.1 58.7
67 0.0 47.1 70.7
52 0.0 21.4 32.0

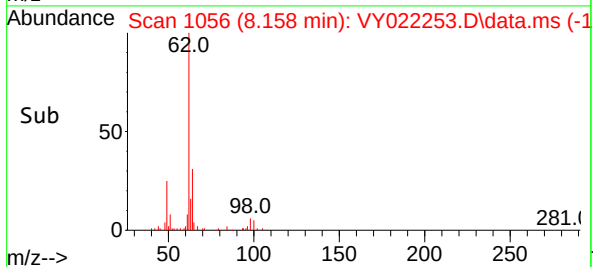
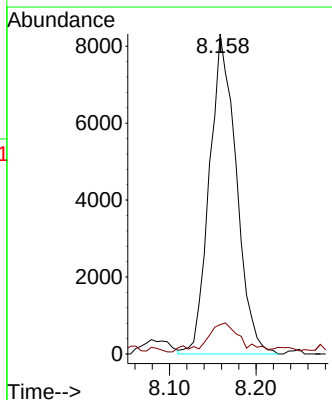
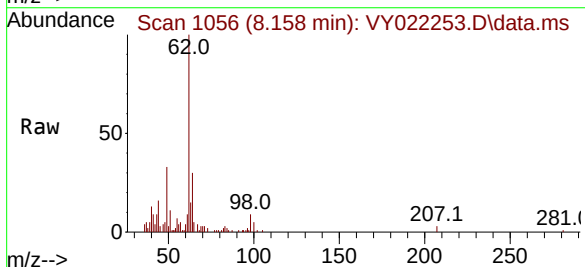
Manual Integrations
APPROVED

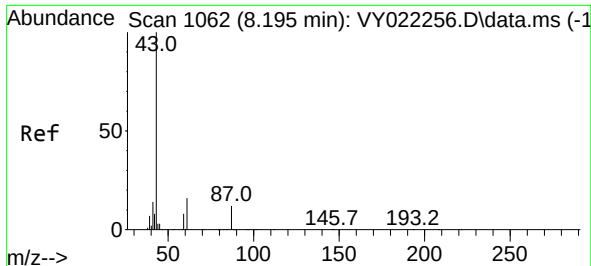
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 4.837 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 62 Resp: 17934
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.4





#43

Isopropyl Acetate

Concen: 4.941 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

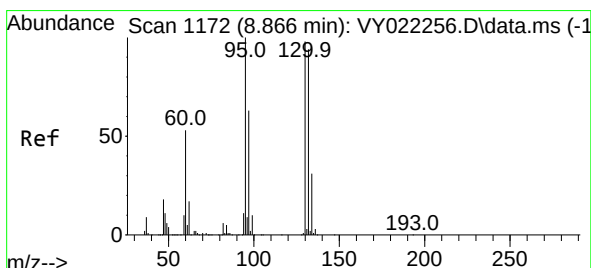
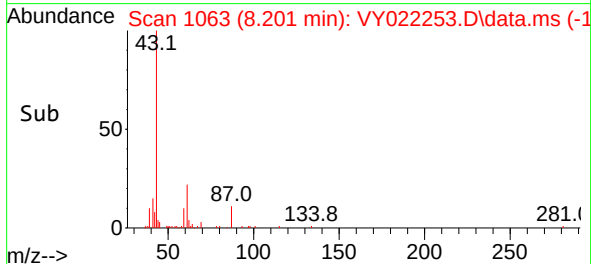
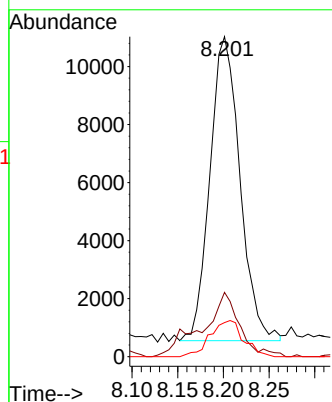
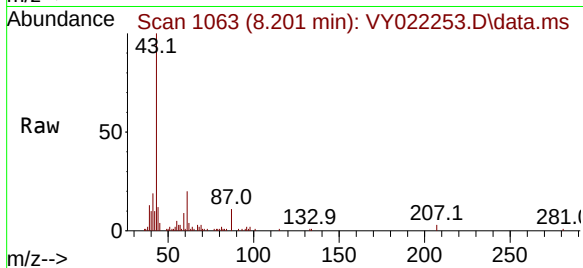
Tgt Ion: 43	Resp: 23979
Ion Ratio	Lower Upper
43 100	
61 18.7	15.1 22.7
87 13.2	9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#44

Trichloroethene

Concen: 4.943 ug/l

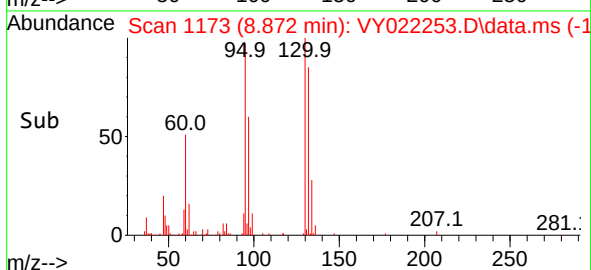
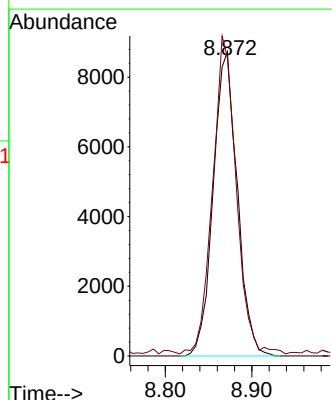
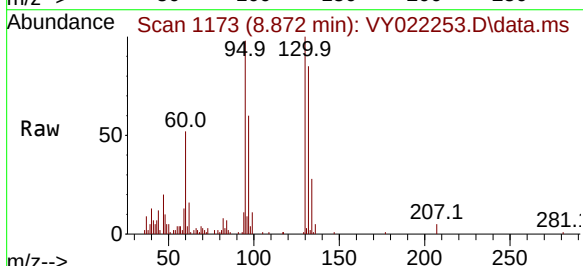
RT: 8.872 min Scan# 1173

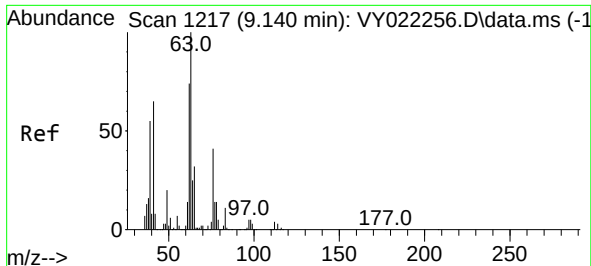
Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion:130	Resp: 16852
Ion Ratio	Lower Upper
130 100	
95 97.3	0.0 204.8





#45

1,2-Dichloropropane

Concen: 4.796 ug/l

RT: 9.146 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1585

Ion Ratio Lower Upper

63 100

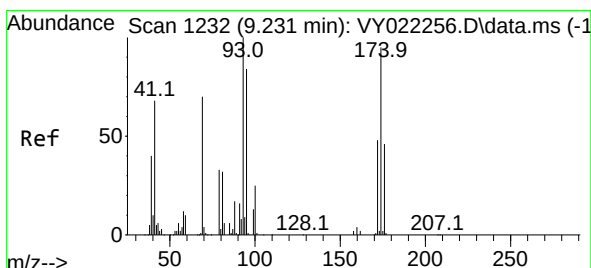
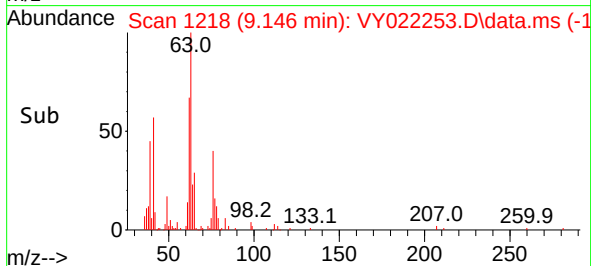
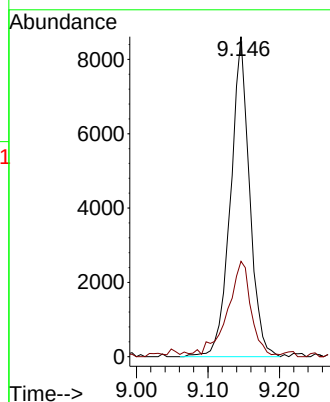
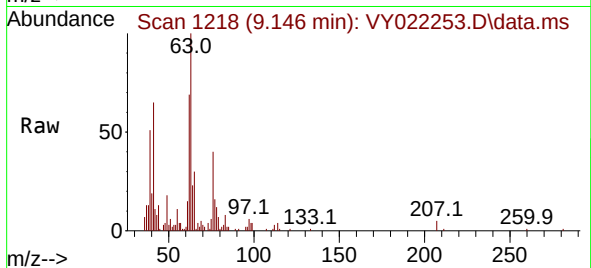
65 29.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 4.980 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

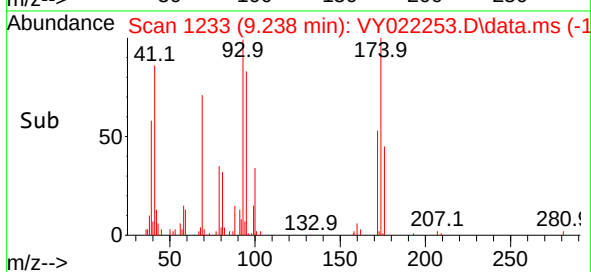
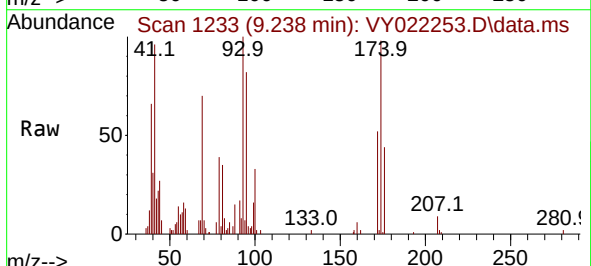
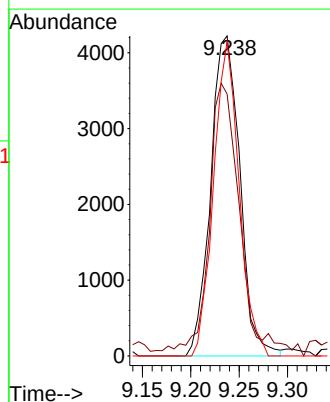
Tgt Ion: 93 Resp: 8879

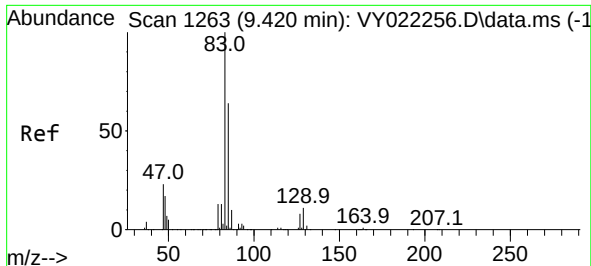
Ion Ratio Lower Upper

93 100

95 89.8 65.2 97.8

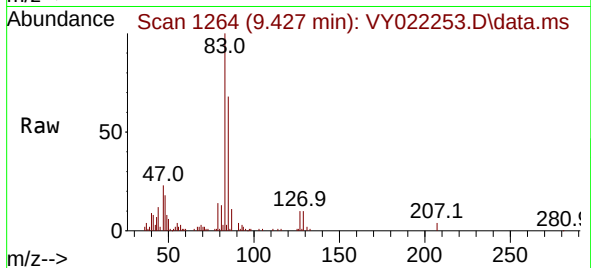
174 85.7 74.3 111.5





#47
Bromodichloromethane
Concen: 4.736 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

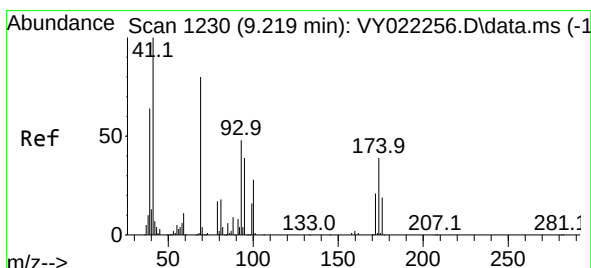
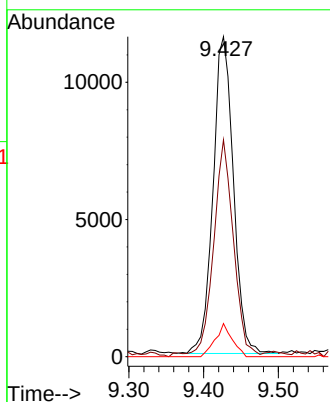
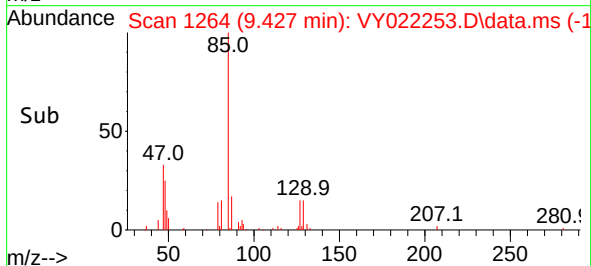
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



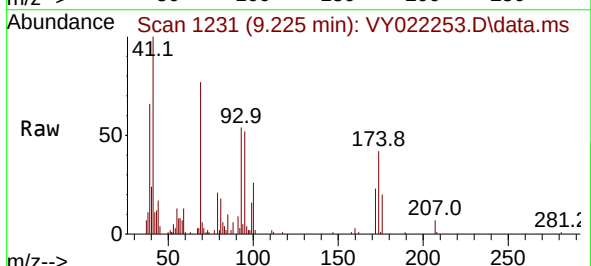
Tgt Ion: 83 Resp: 21900
Ion Ratio Lower Upper
83 100
85 67.3 51.1 76.7
127 10.4 6.6 10.0

Manual Integrations
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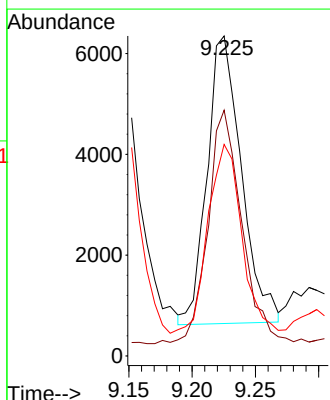
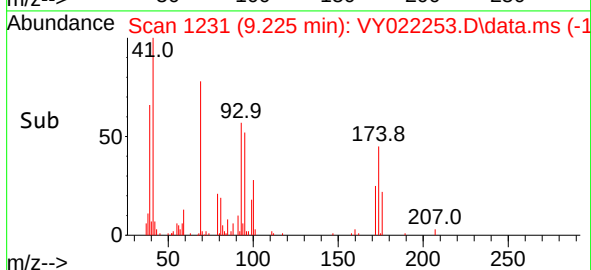
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

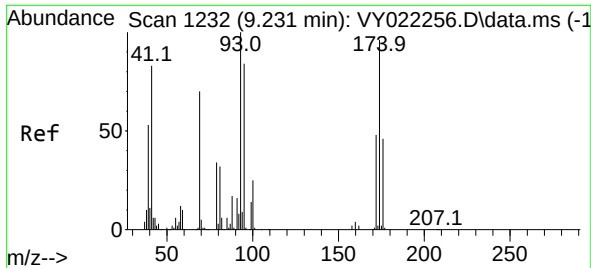


#48
Methyl methacrylate
Concen: 4.727 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



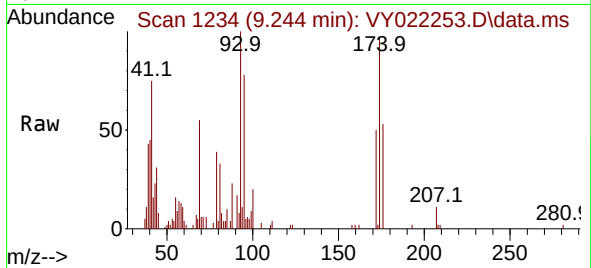
Tgt Ion: 41 Resp: 10729
Ion Ratio Lower Upper
41 100
69 80.7 63.5 95.3
39 66.0 50.8 76.2





#49
1,4-Dioxane
Concen: 97.404 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.012 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

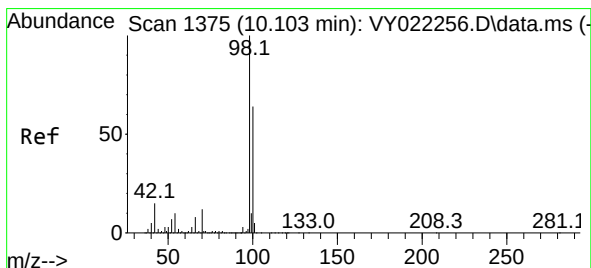
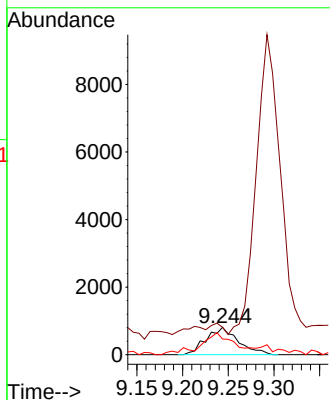
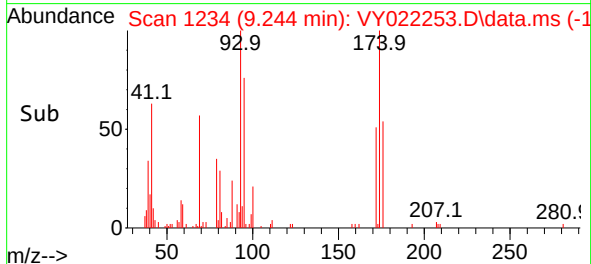
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 1962
Ion Ratio Lower Upper
88 100
43 0.0 28.5 42.7
58 79.8 61.4 92.2

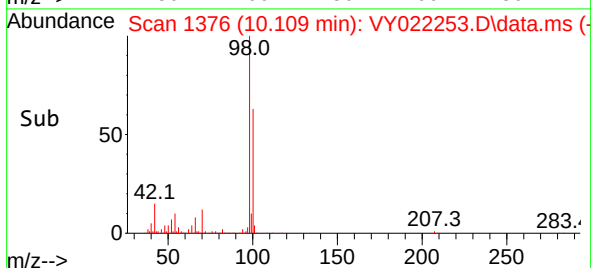
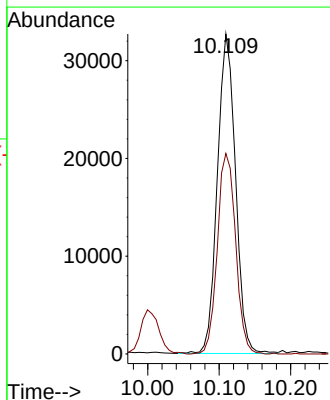
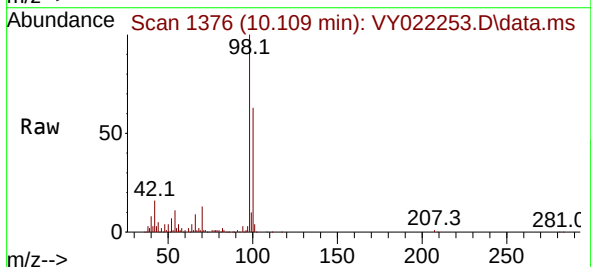
Manual Integrations
APPROVED

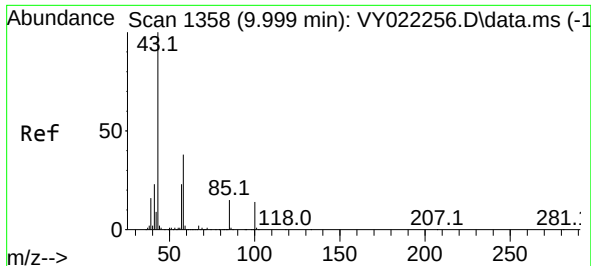
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#50
Toluene-d8
Concen: 5.006 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 98 Resp: 57575
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.8





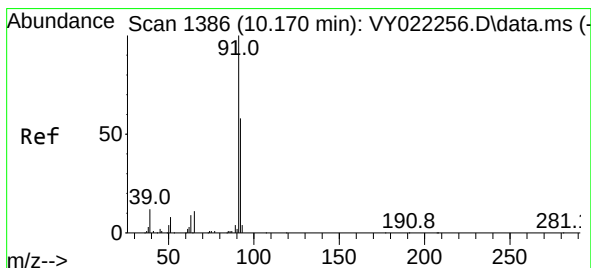
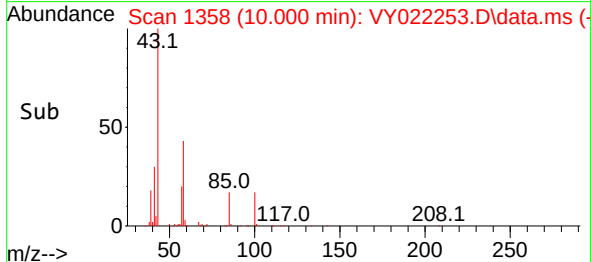
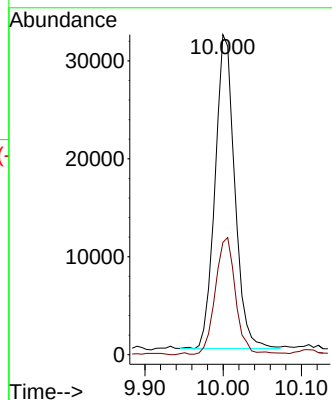
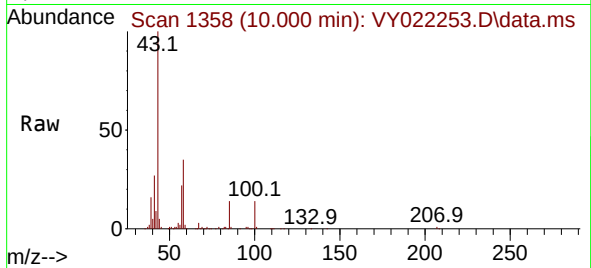
#51
4-Methyl-2-Pentanone
Concen: 23.464 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 55880
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.2

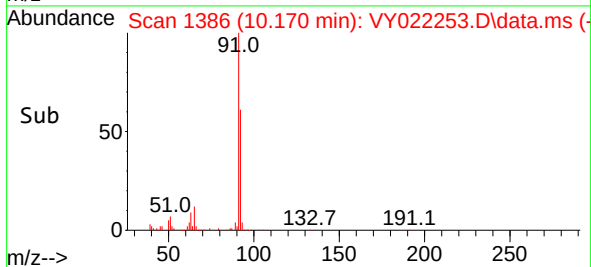
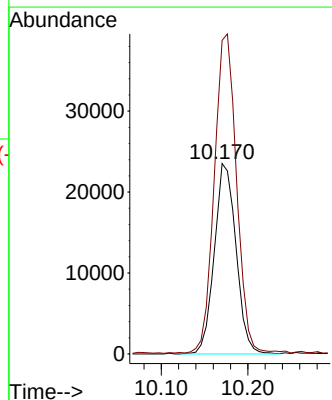
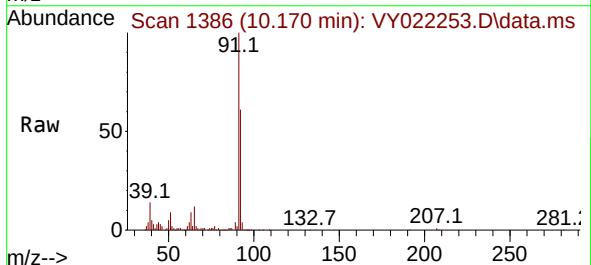
Manual Integrations
APPROVED

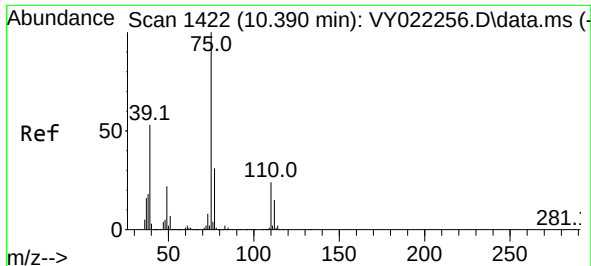
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 4.722 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

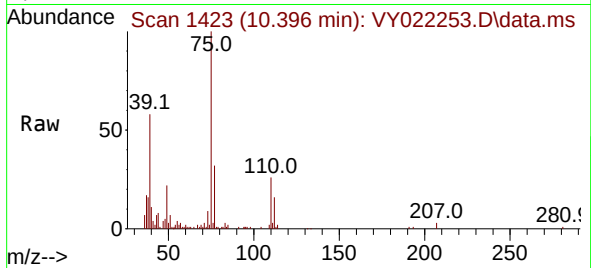
Tgt Ion: 92 Resp: 41001
Ion Ratio Lower Upper
92 100
91 171.8 139.1 208.7





#53
 t-1,3-Dichloropropene
 Concen: 4.839 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46

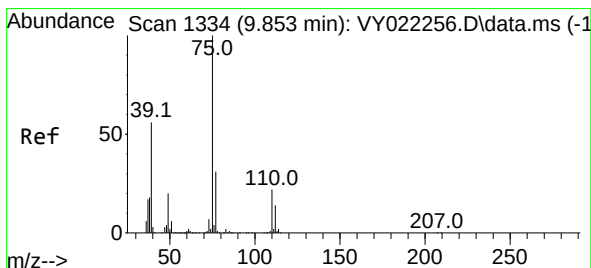
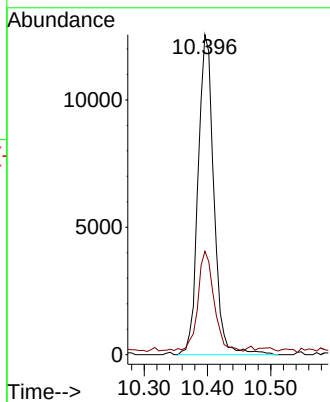
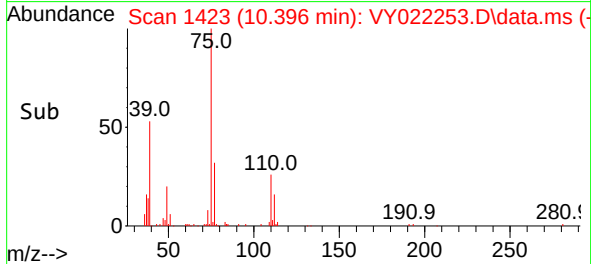
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



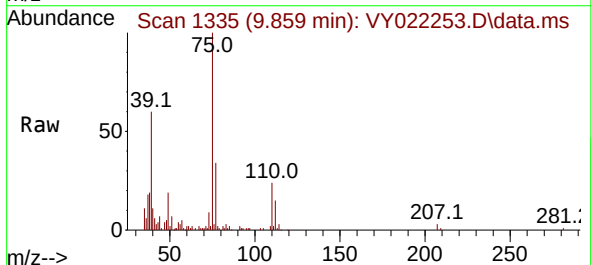
Tgt Ion: 75 Resp: 2184
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.6

Manual Integrations
 APPROVED

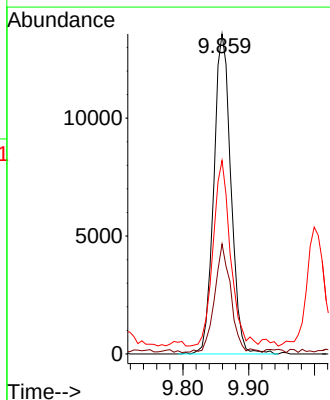
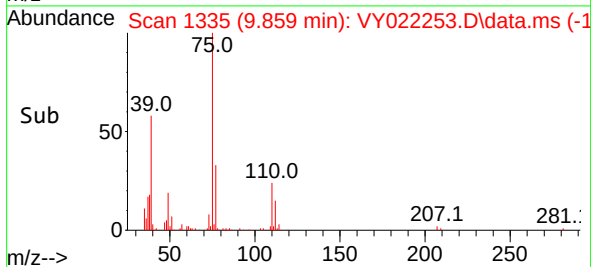
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

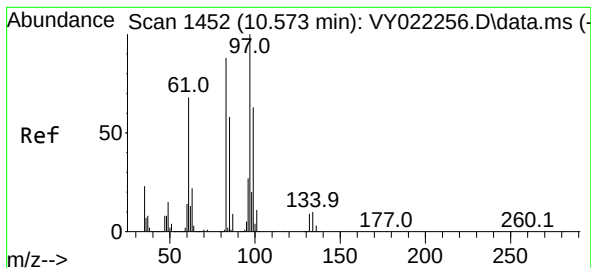


#54
 cis-1,3-Dichloropropene
 Concen: 4.758 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46



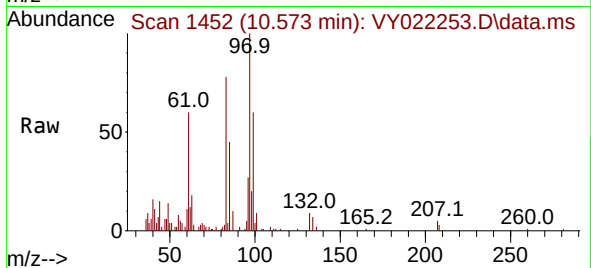
Tgt Ion: 75 Resp: 24609
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.1 37.7
 39 58.0 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 4.964 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

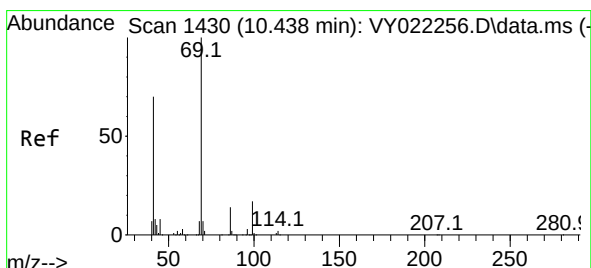
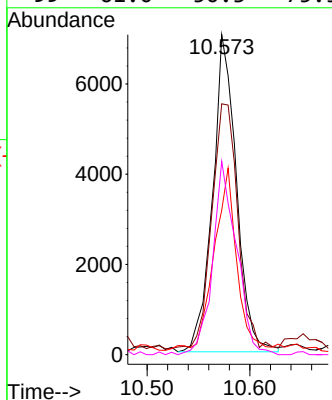
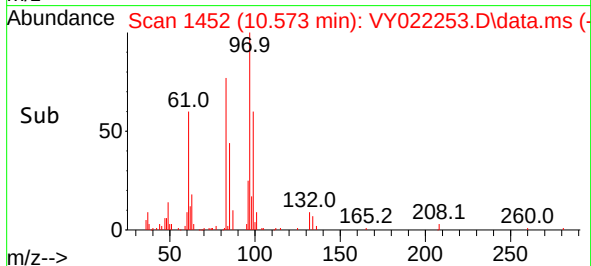
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



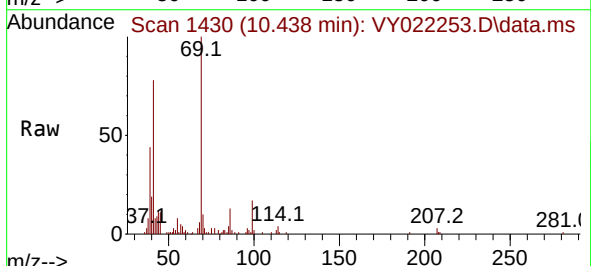
Tgt Ion: 97 Resp: 1133
Ion Ratio Lower Upper
97 100
83 77.0 70.3 105.5
85 42.7 46.2 69.4
99 61.0 50.3 75.5

Manual Integrations
APPROVED

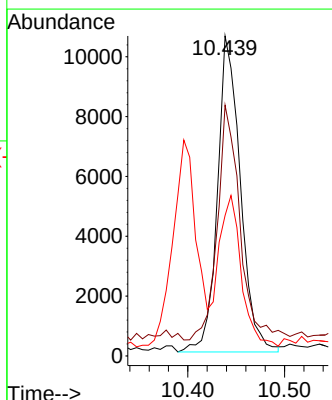
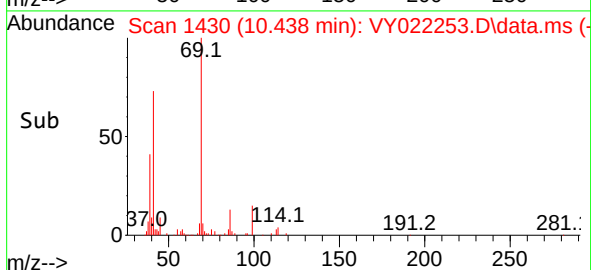
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

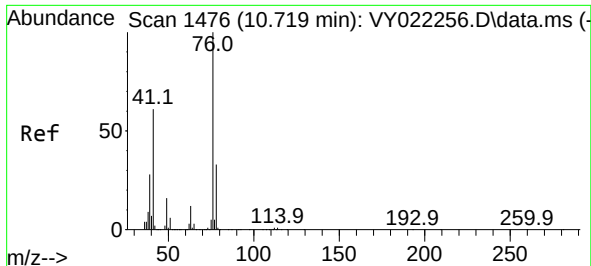


#56
Ethyl methacrylate
Concen: 4.898 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



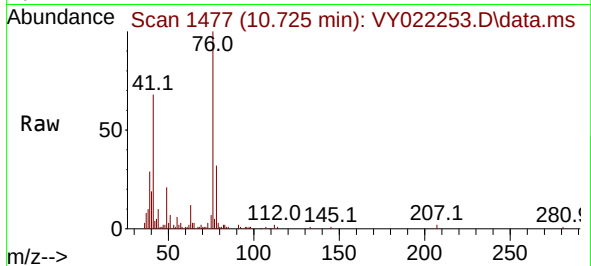
Tgt Ion: 69 Resp: 17420
Ion Ratio Lower Upper
69 100
41 73.2 56.5 84.7
39 46.8 37.1 55.7





#57
1,3-Dichloropropane
Concen: 4.852 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

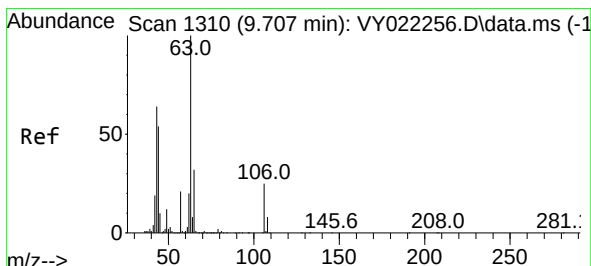
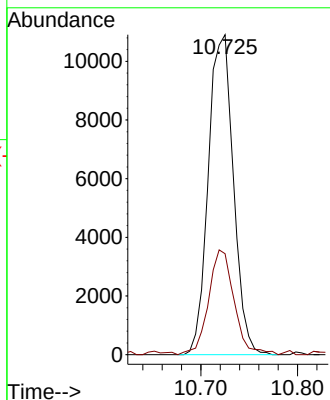
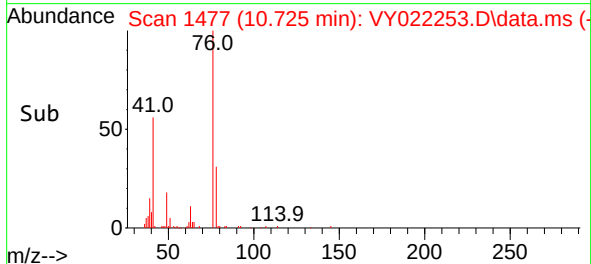
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



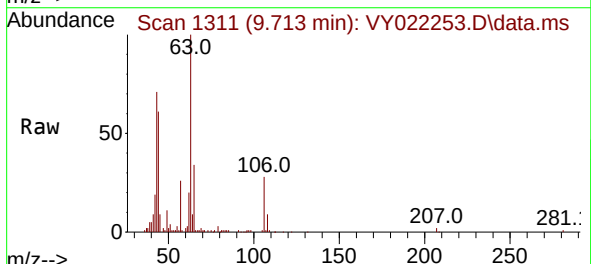
Tgt Ion: 76 Resp: 19684
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.8

Manual Integrations
APPROVED

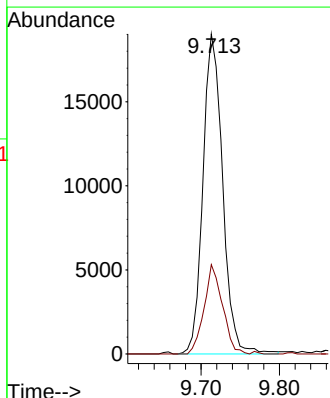
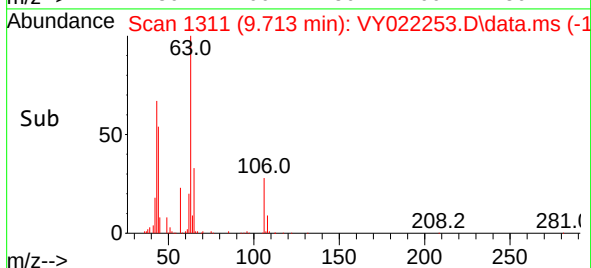
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

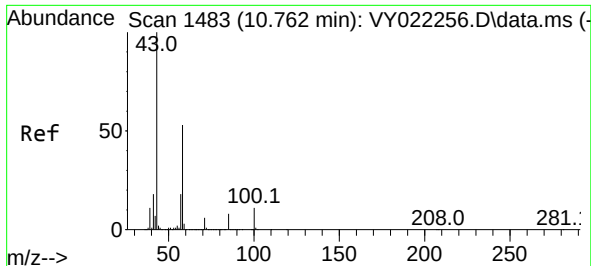


#58
2-Chloroethyl Vinyl ether
Concen: 20.807 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



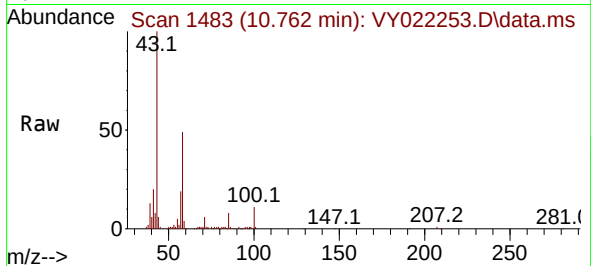
Tgt Ion: 63 Resp: 33215
Ion Ratio Lower Upper
63 100
106 26.0 21.0 31.4





#59
2-Hexanone
Concen: 24.617 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

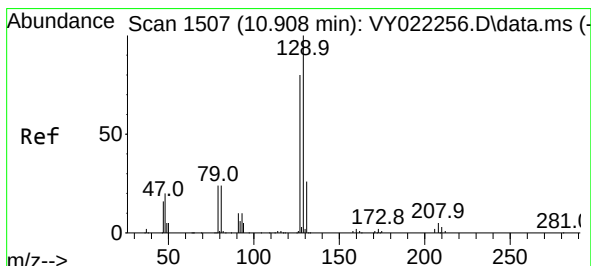
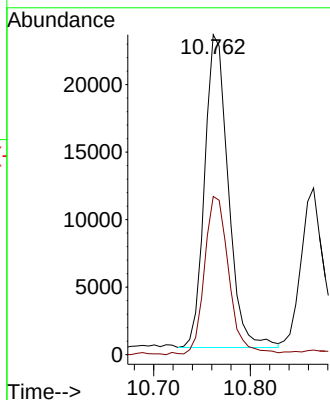
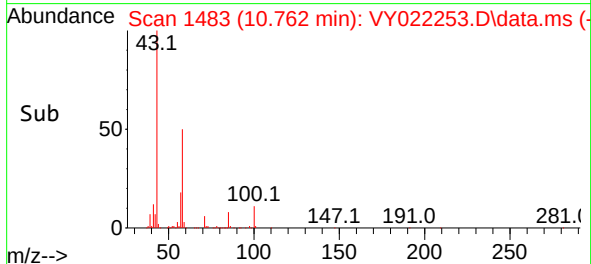
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
58 52.4 26.1 78.3

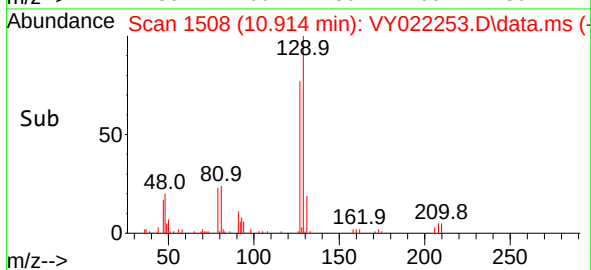
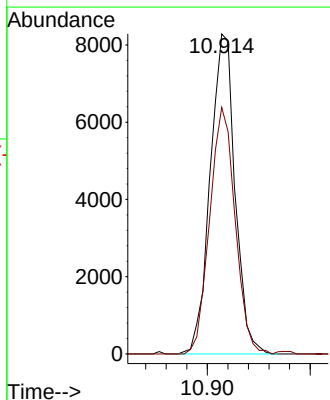
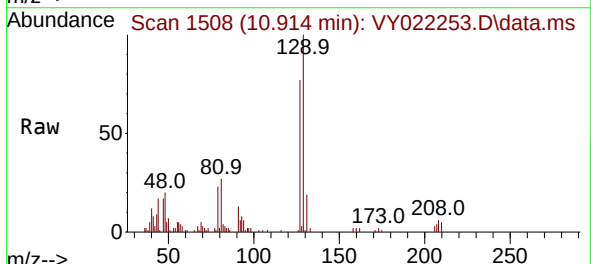
Manual Integrations
APPROVED

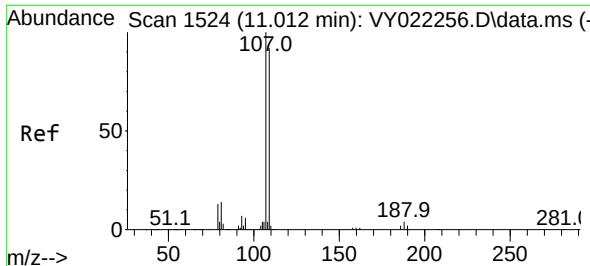
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 4.693 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

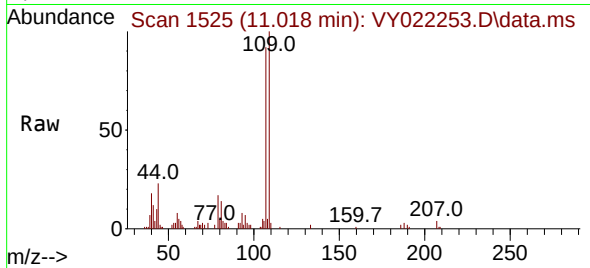
Tgt Ion:129 Resp: 13908
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.7





#61
1,2-Dibromoethane
Concen: 4.883 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

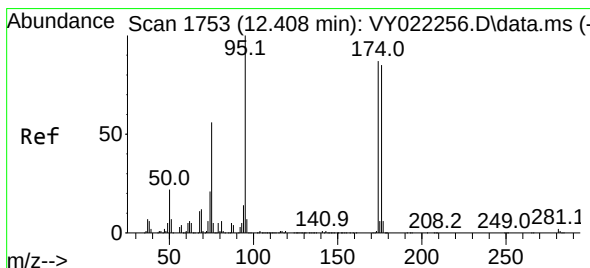
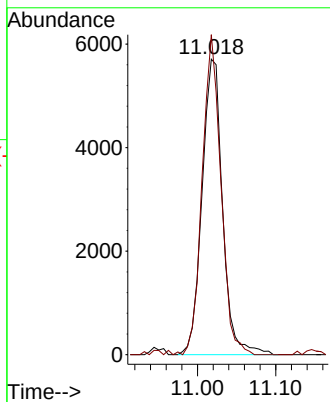
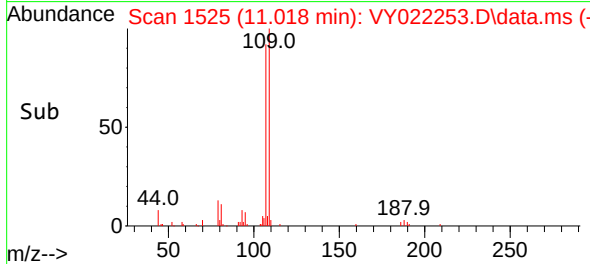
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 1039
Ion Ratio Lower Upper
107 100
109 98.9 74.6 111.8

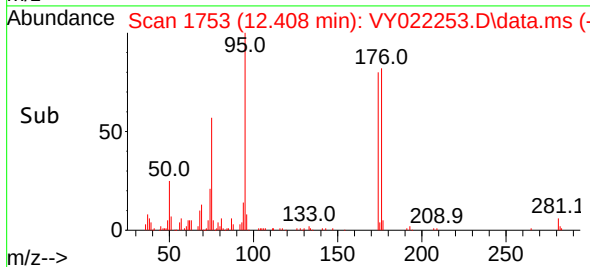
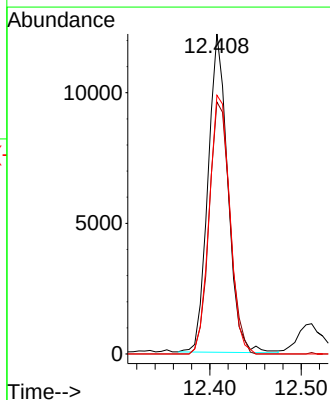
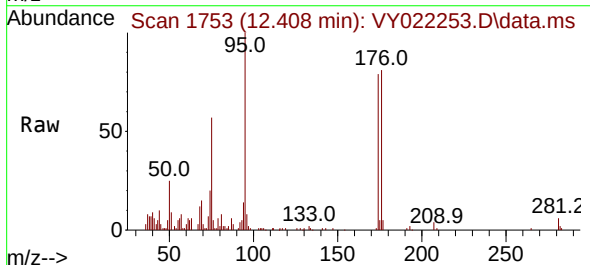
Manual Integrations
APPROVED

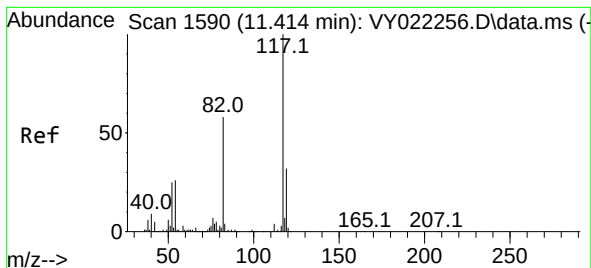
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 5.028 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

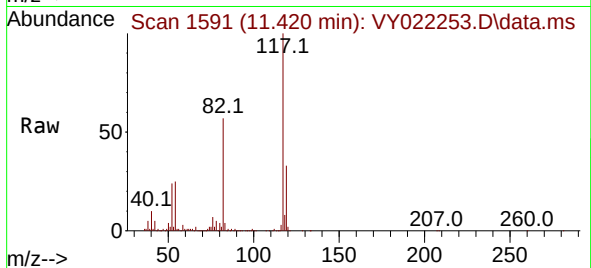
Tgt Ion: 95 Resp: 18328
Ion Ratio Lower Upper
95 100
174 83.0 0.0 166.8
176 84.3 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

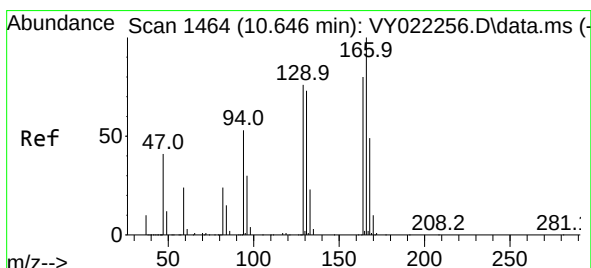
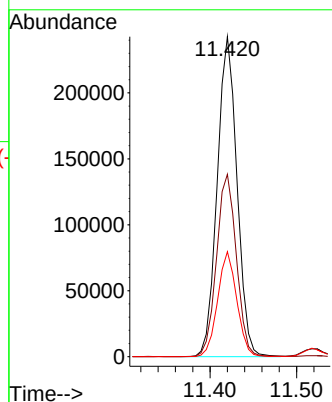
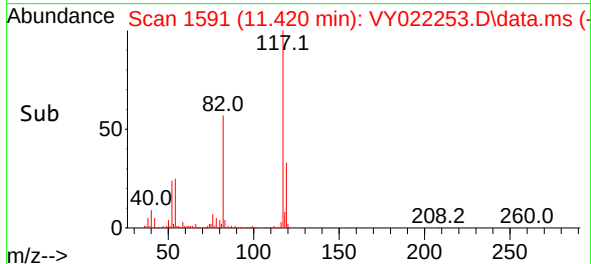
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



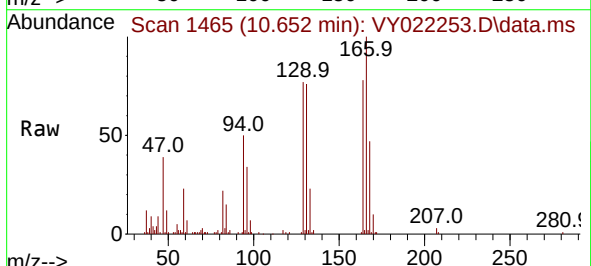
Tgt Ion:117 Resp: 385399
Ion Ratio Lower Upper
117 100
82 56.9 46.6 70.0
119 32.8 25.8 38.6

Manual Integrations
APPROVED

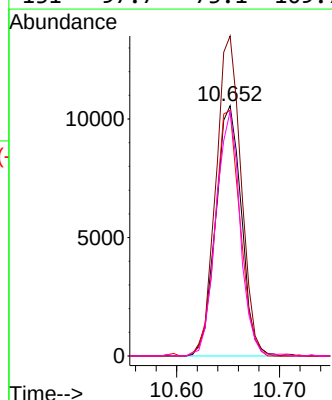
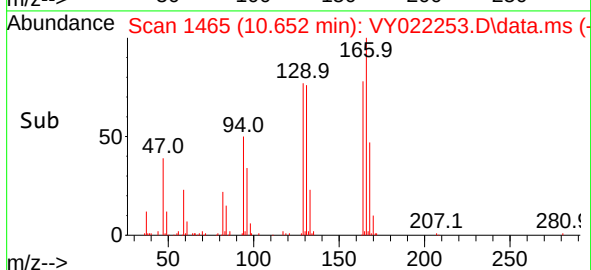
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

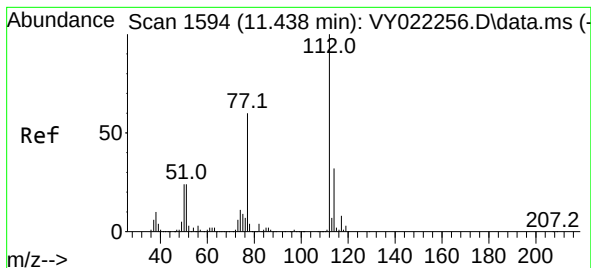


#64
Tetrachloroethene
Concen: 5.125 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



Tgt Ion:164 Resp: 18255
Ion Ratio Lower Upper
164 100
166 127.8 100.4 150.6
129 98.1 76.4 114.6
131 97.7 73.1 109.7





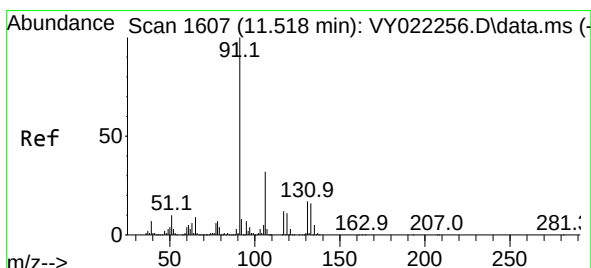
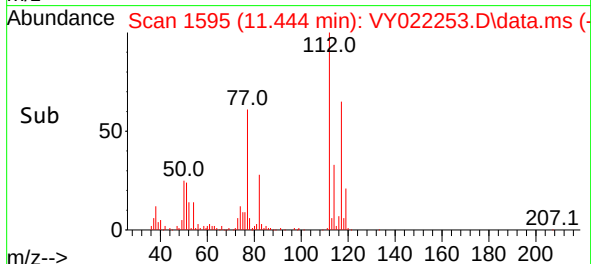
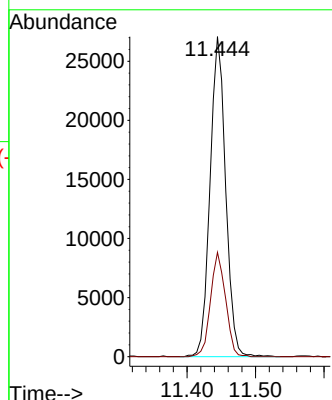
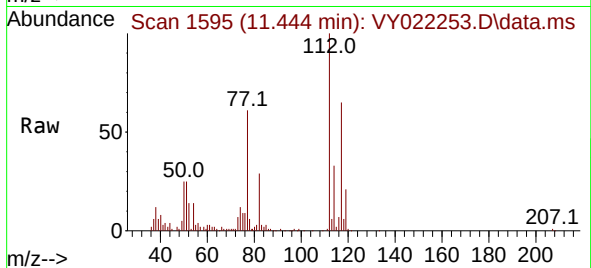
#65
Chlorobenzene
Concen: 4.927 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 4284
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

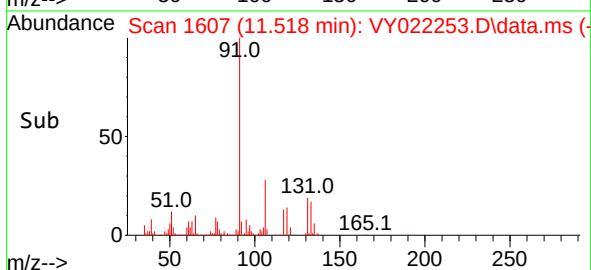
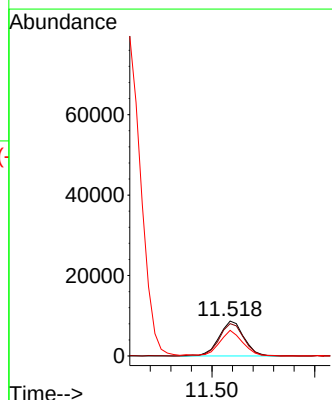
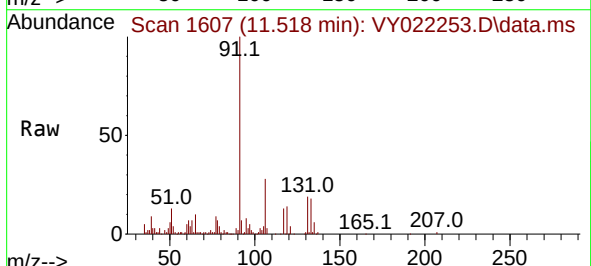
Manual Integrations
APPROVED

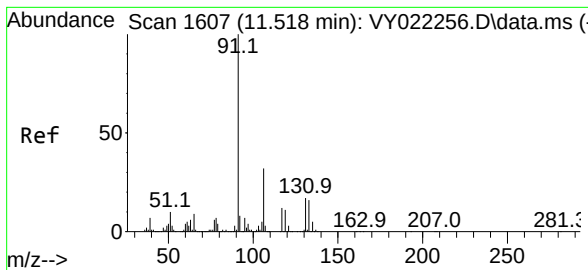
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.812 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion:131 Resp: 14385
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 68.6 33.1 99.2





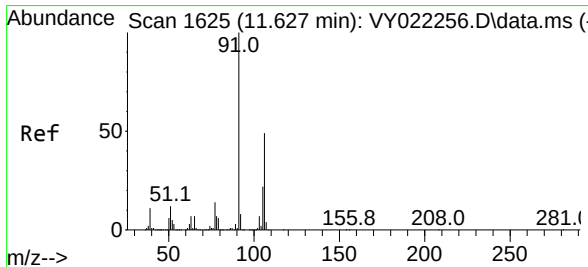
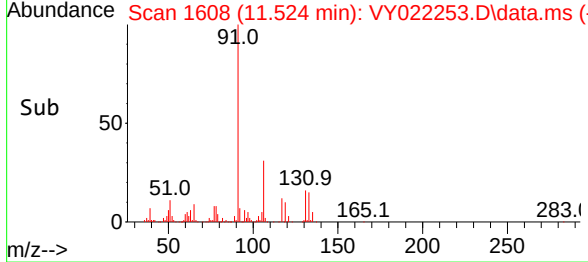
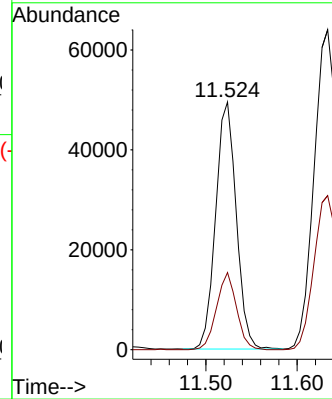
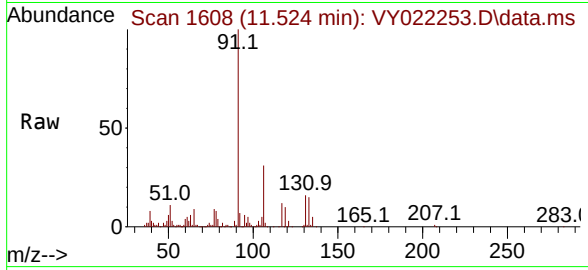
#67
Ethyl Benzene
Concen: 4.766 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 77600
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

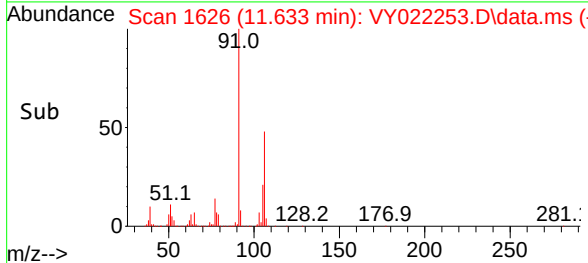
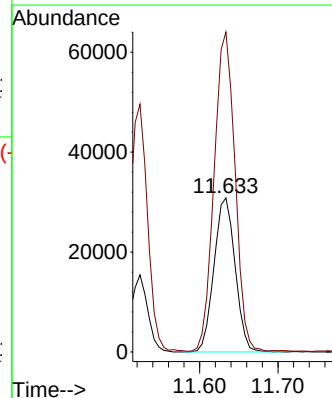
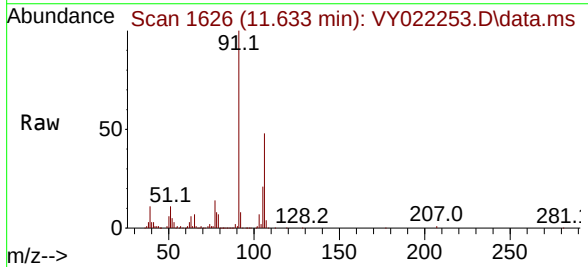
Manual Integrations
APPROVED

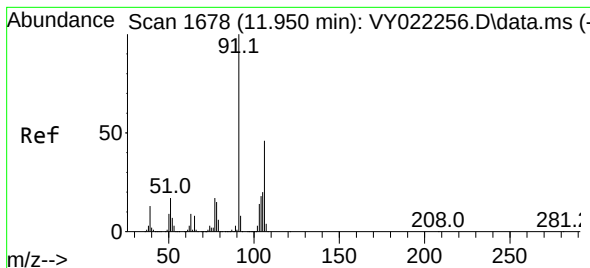
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#68
m/p-Xylenes
Concen: 9.407 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

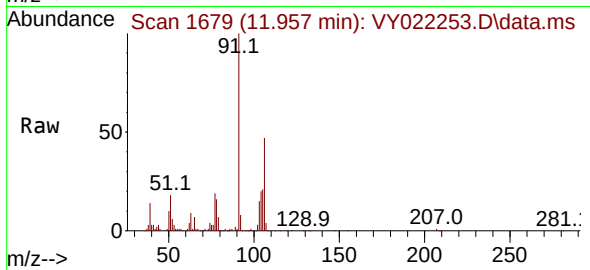
Tgt Ion:106 Resp: 57721
Ion Ratio Lower Upper
106 100
91 205.0 163.0 244.4





#69
o-Xylene
Concen: 4.673 ug/l
RT: 11.957 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

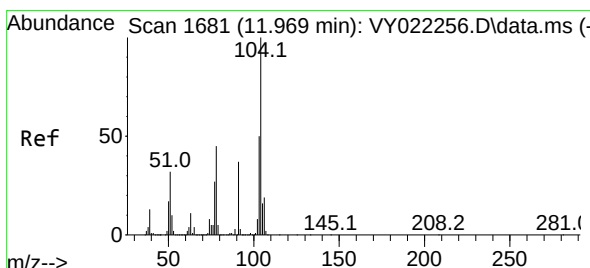
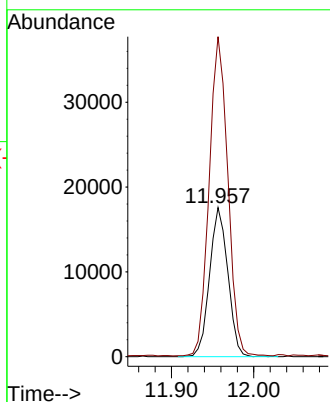
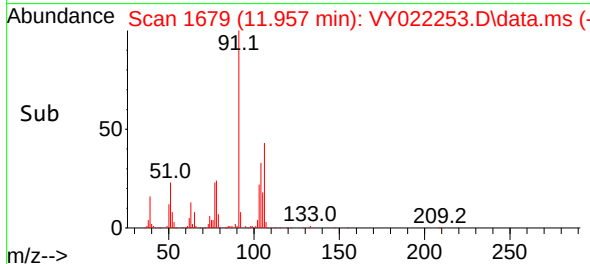
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



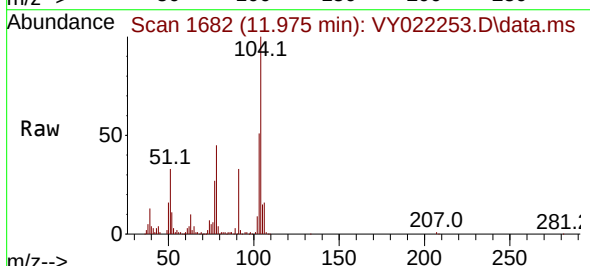
Tgt Ion:106 Resp: 27130
Ion Ratio Lower Upper
106 100
91 218.6 108.3 324.8

Manual Integrations
APPROVED

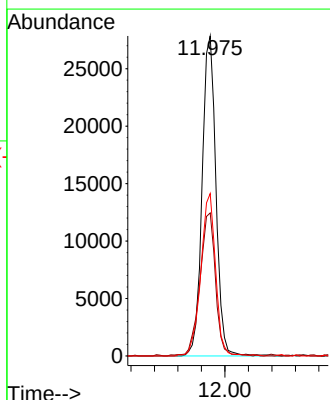
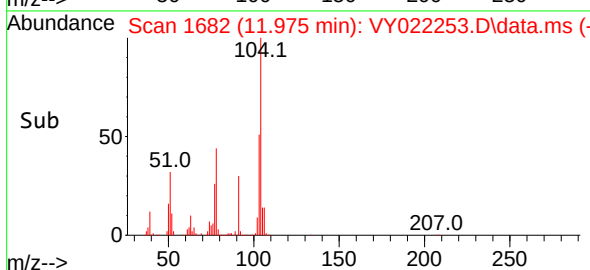
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

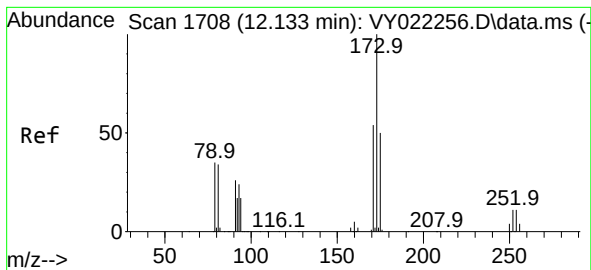


#70
Styrene
Concen: 4.652 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46



Tgt Ion:104 Resp: 45556
Ion Ratio Lower Upper
104 100
78 50.6 40.9 61.3
103 54.2 43.7 65.5





#71

Bromoform

Concen: 4.834 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:173 Resp: 7799

Ion Ratio Lower Upper

173 100

175 53.5 24.7 74.1

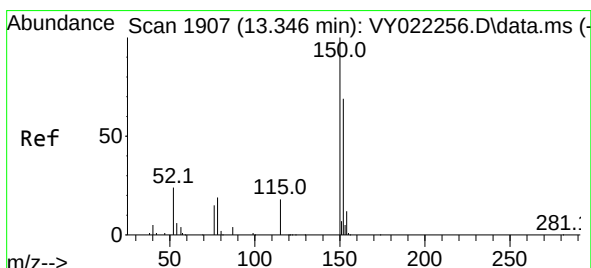
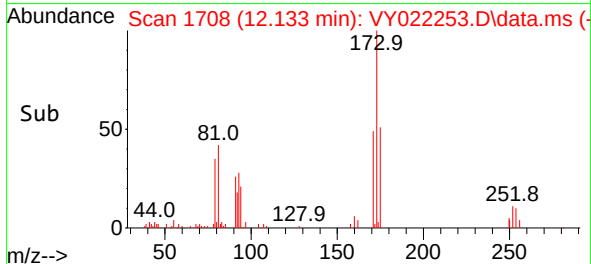
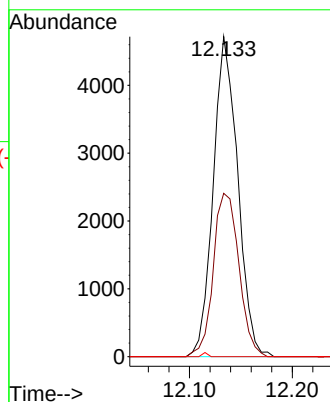
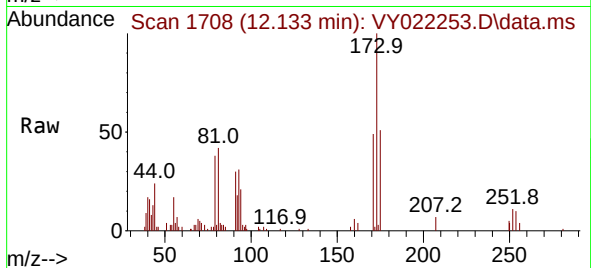
254 0.3 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

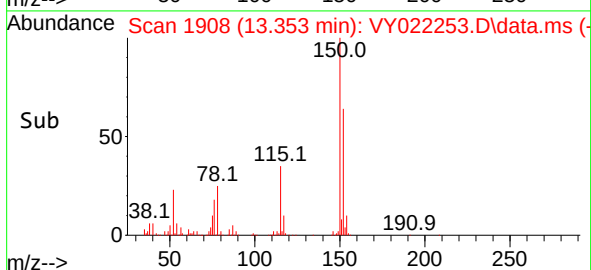
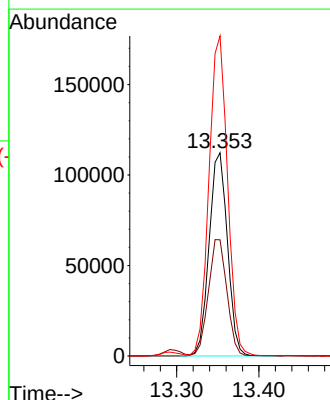
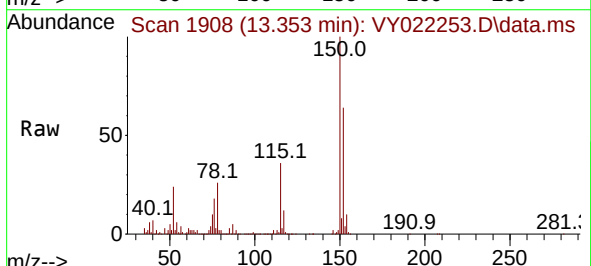
Tgt Ion:152 Resp: 174003

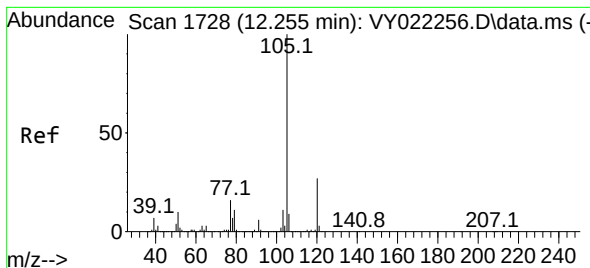
Ion Ratio Lower Upper

152 100

115 58.0 29.4 88.2

150 158.8 0.0 353.8





#73

Isopropylbenzene

Concen: 5.017 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 7232

Ion Ratio Lower Upper

105 100

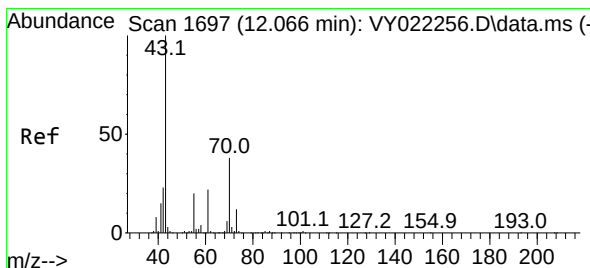
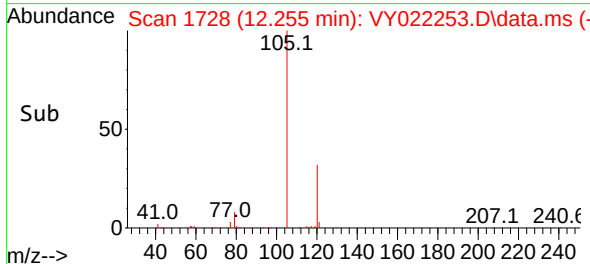
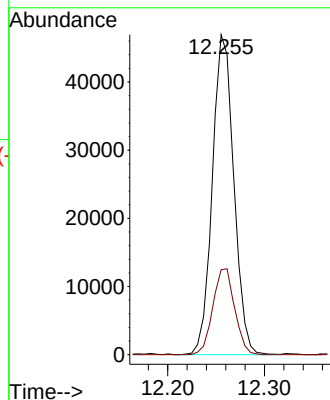
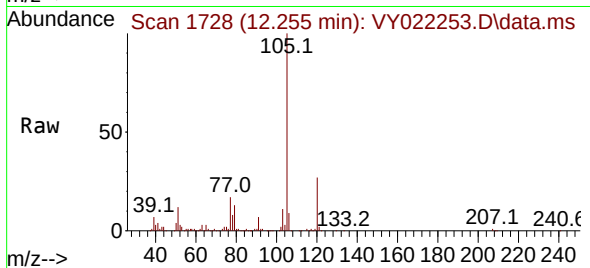
120 27.3 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#74

N-ethyl acetate

Concen: 5.043 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion: 43 Resp: 20793

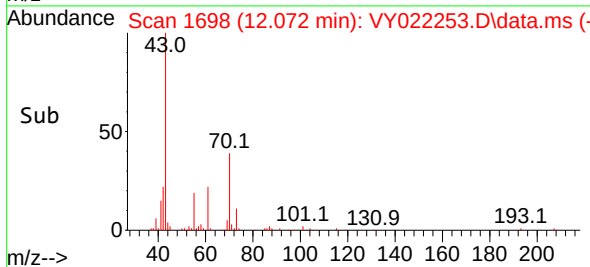
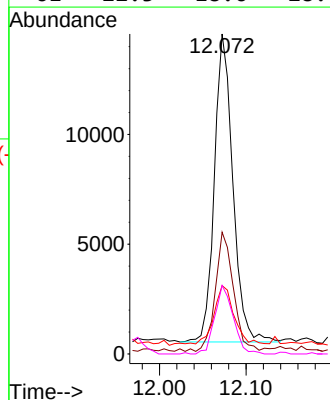
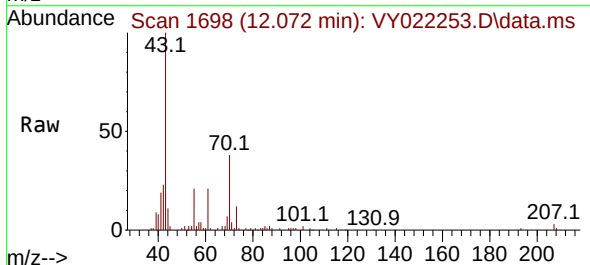
Ion Ratio Lower Upper

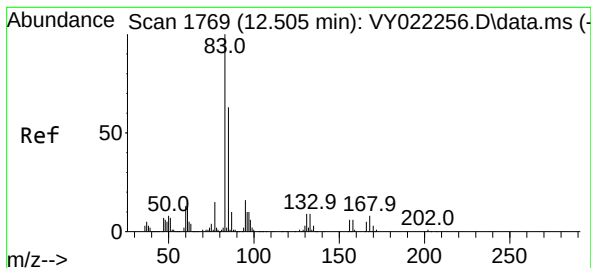
43 100

70 37.9 31.4 47.0

55 19.9 17.0 25.6

61 22.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.152 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

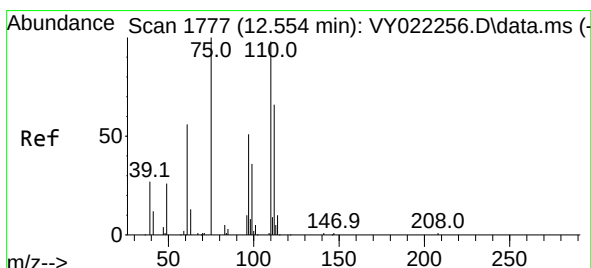
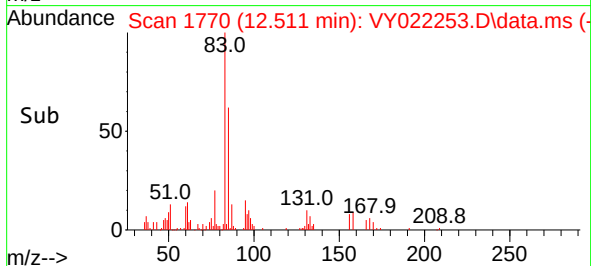
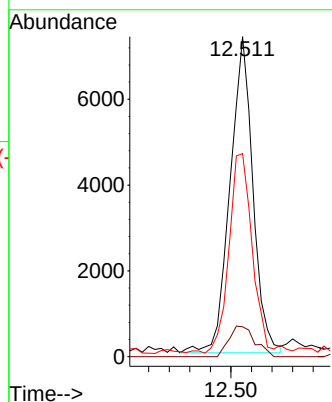
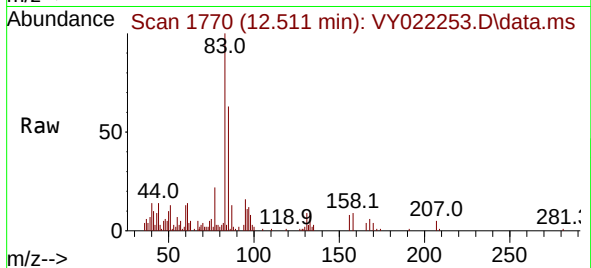
VSTDICC005

Tgt Ion: 83	Resp: 1142
Ion Ratio	Lower Upper
83 100	
131 10.9	4.9 14.7
85 63.6	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#76

1,2,3-Trichloropropane

Concen: 2.960 ug/l m

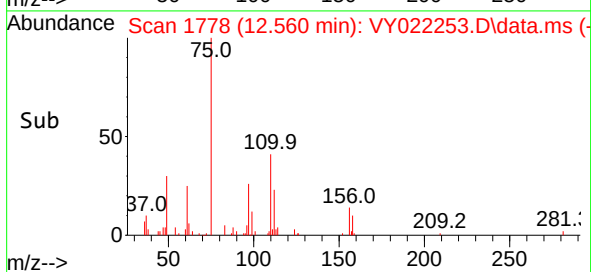
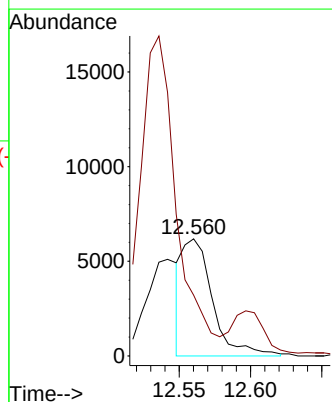
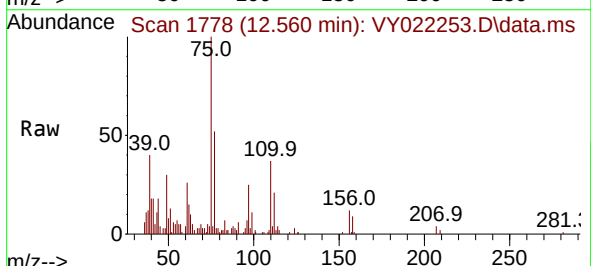
RT: 12.560 min Scan# 1778

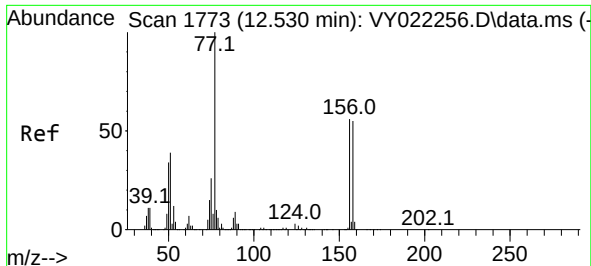
Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion: 75	Resp: 9076
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





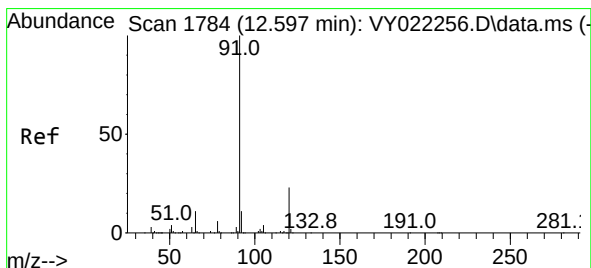
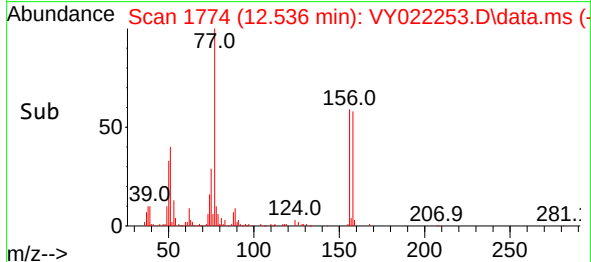
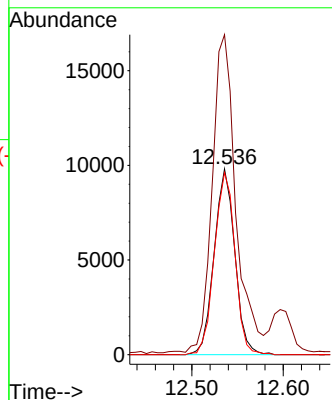
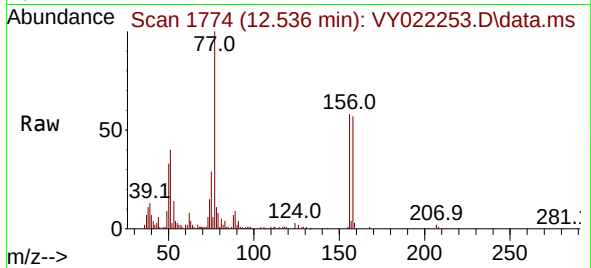
#77
Bromobenzene
Concen: 5.015 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 1544
Ion Ratio Lower Upper
156 100
77 195.0 94.5 283.6
158 97.7 48.4 145.3

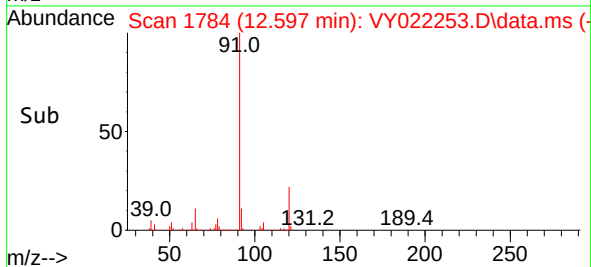
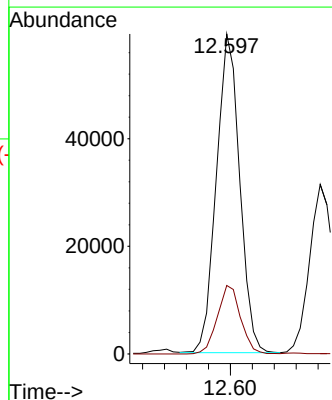
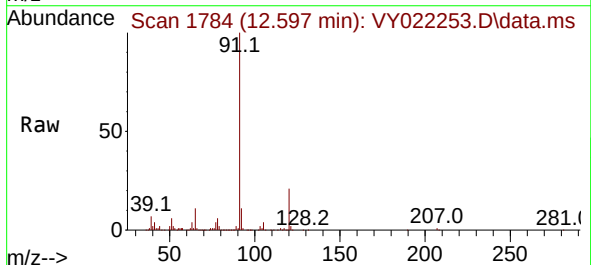
Manual Integrations
APPROVED

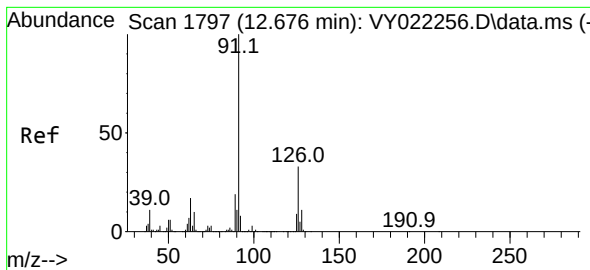
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78
n-propylbenzene
Concen: 5.034 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 91 Resp: 87533
Ion Ratio Lower Upper
91 100
120 21.4 11.1 33.3





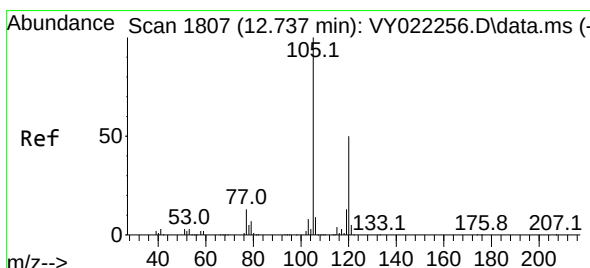
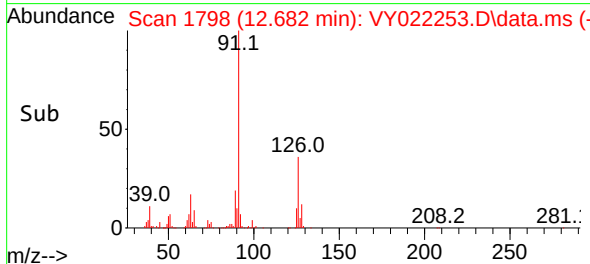
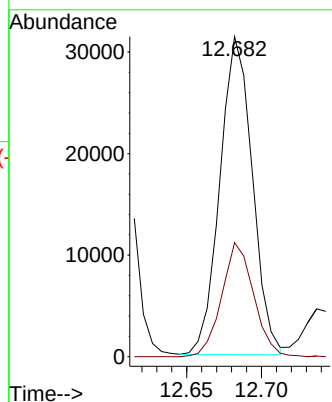
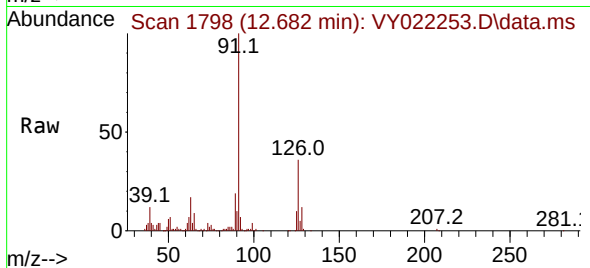
#79
2-Chlorotoluene
Concen: 4.944 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 47249
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.4

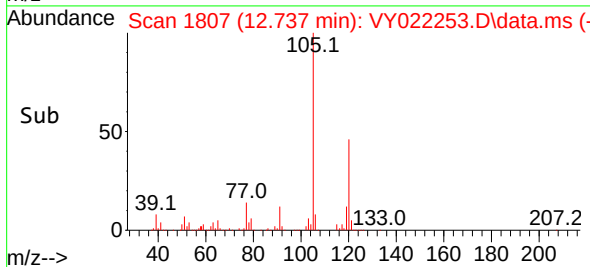
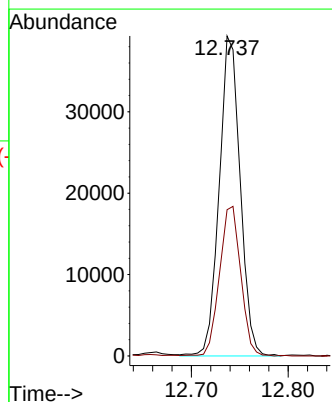
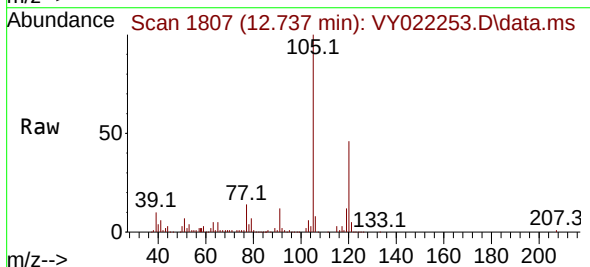
Manual Integrations
APPROVED

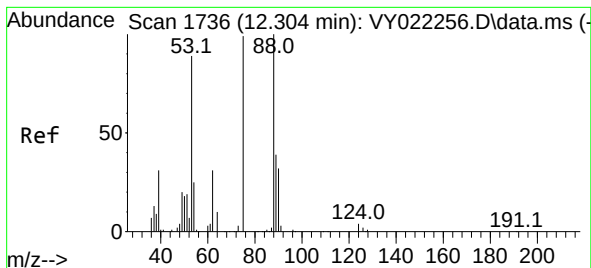
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.073 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

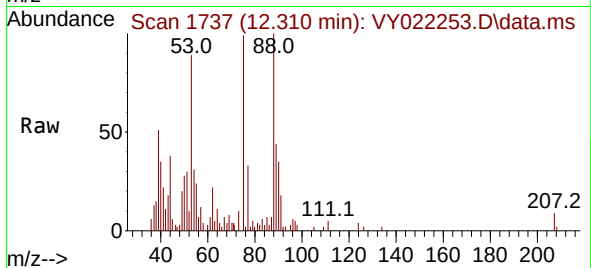
Tgt Ion:105 Resp: 59031
Ion Ratio Lower Upper
105 100
120 47.3 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 5.373 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

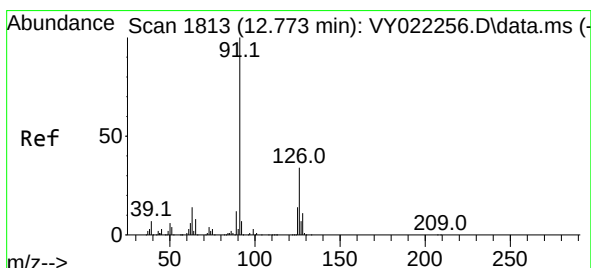
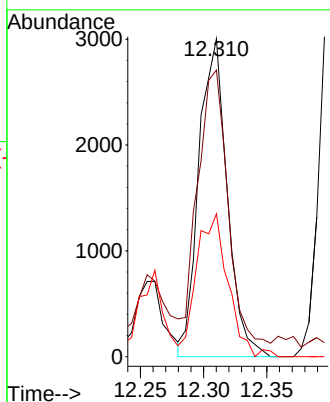
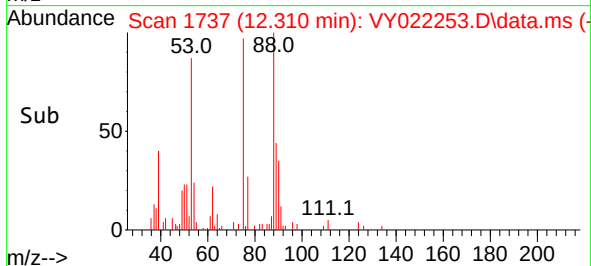
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 4670
Ion Ratio Lower Upper
75 100
53 93.6 75.8 113.8
89 50.0 36.2 54.2

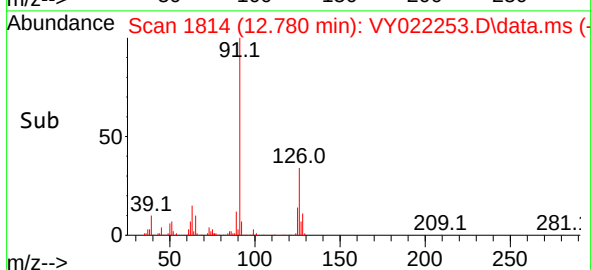
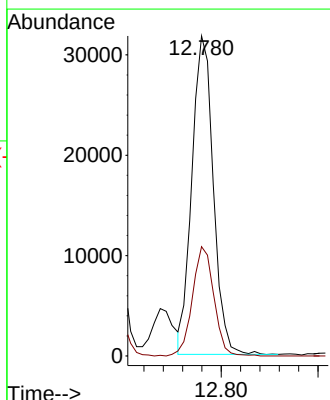
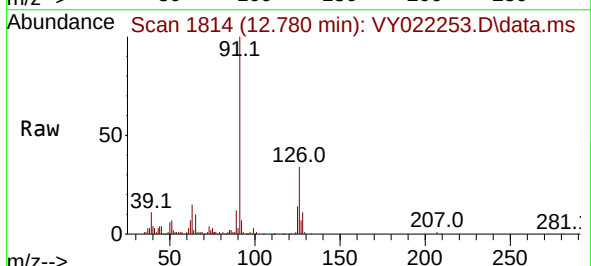
Manual Integrations
APPROVED

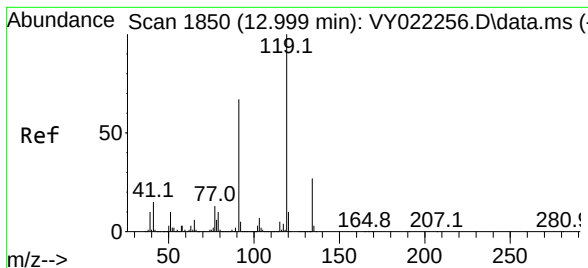
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 4.959 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 91 Resp: 48737
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.4





#83

tert-Butylbenzene

Concen: 5.109 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

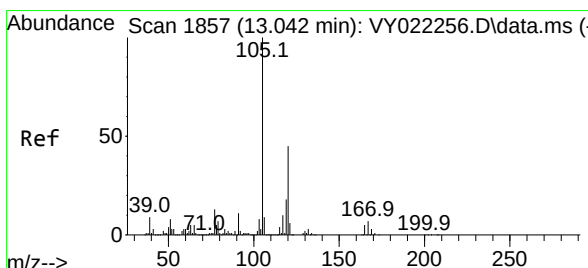
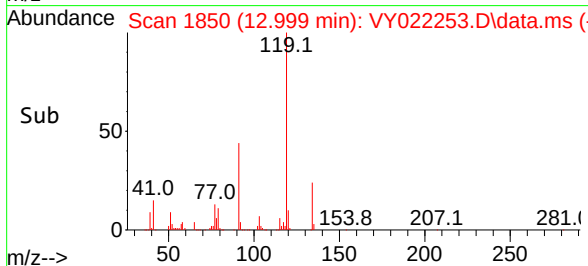
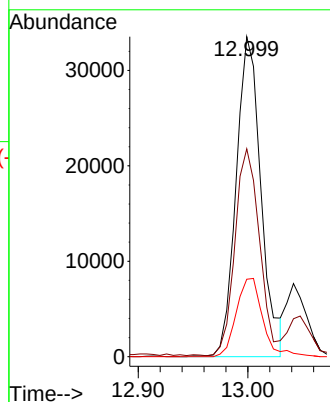
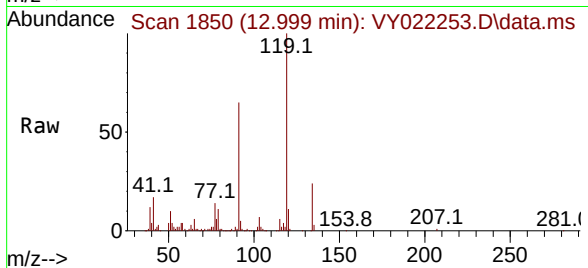
VSTDICC005

Tgt Ion:	119	Resp:	5284
Ion Ratio	Lower	Upper	
119	100		
91	64.1	32.8	98.3
134	26.0	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.804 ug/l

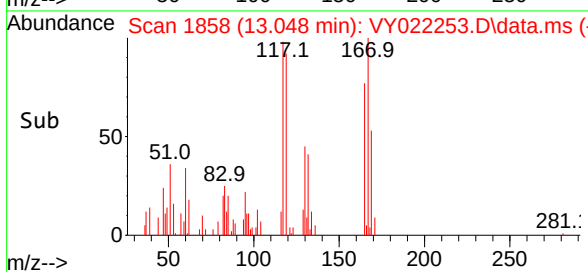
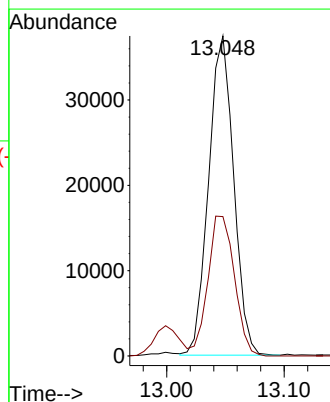
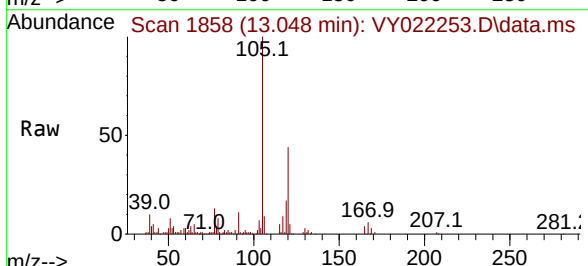
RT: 13.048 min Scan# 1858

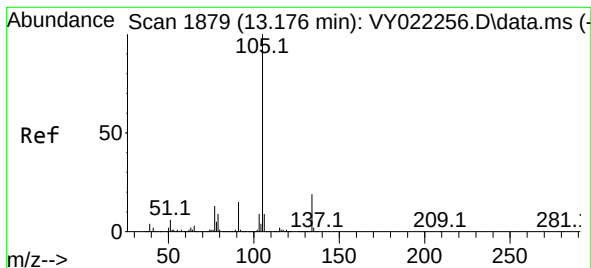
Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion:	105	Resp:	55488
Ion Ratio	Lower	Upper	
105	100		
120	46.5	22.3	66.9





#85

sec-Butylbenzene

Concen: 4.975 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 76384

Ion Ratio Lower Upper

105 100

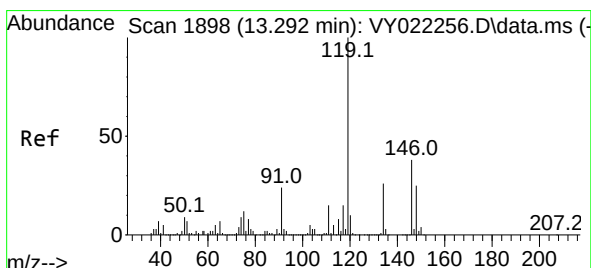
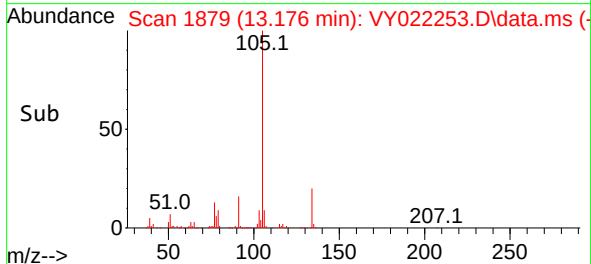
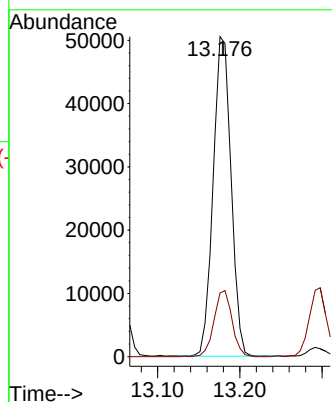
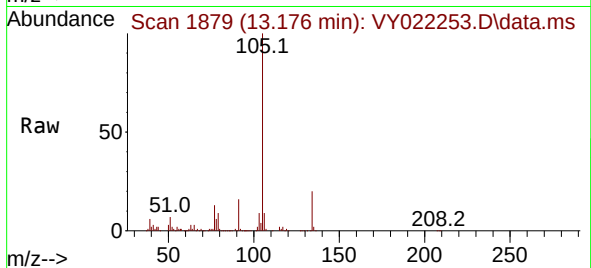
134 20.9 9.8 29.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#86

p-Isopropyltoluene

Concen: 4.849 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

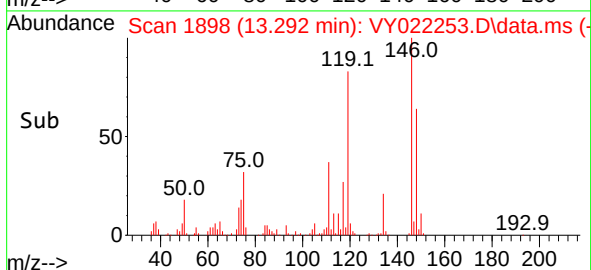
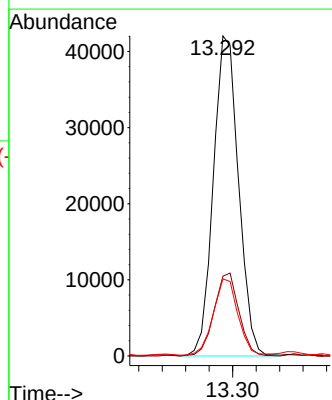
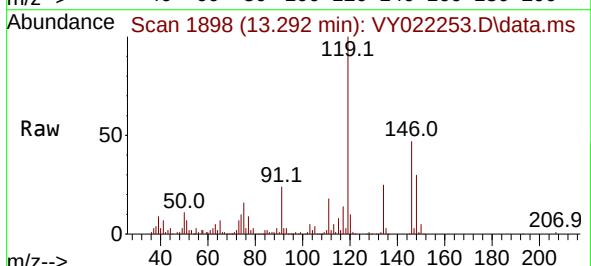
Tgt Ion:119 Resp: 62608

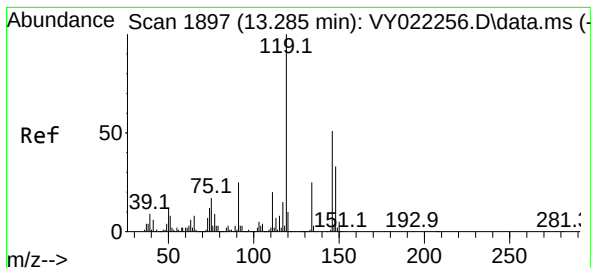
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

91 23.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 4.863 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

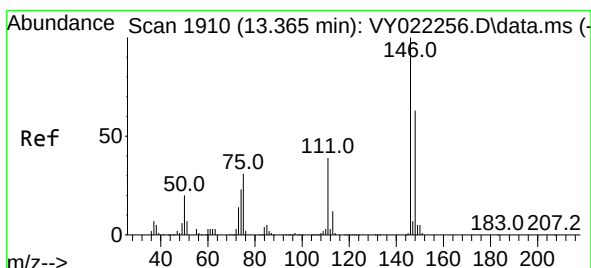
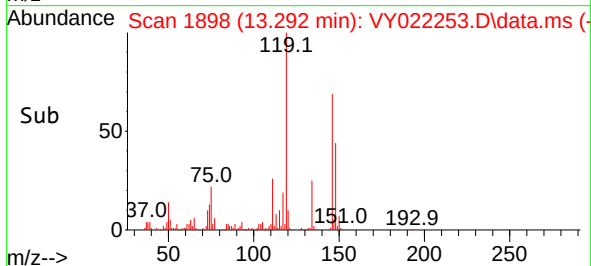
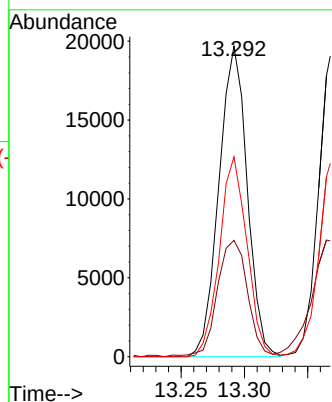
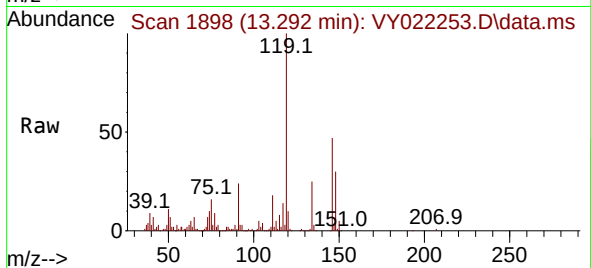
VSTDIC005

Tgt Ion:	146	Resp:	3056
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.9	59.7
148	62.5	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 5.063 ug/l

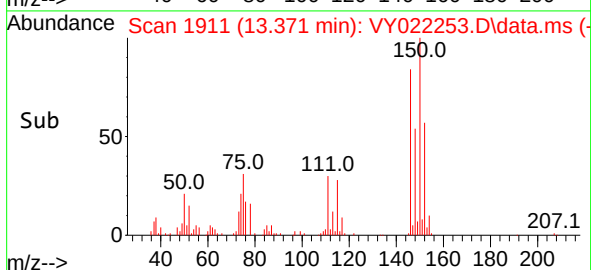
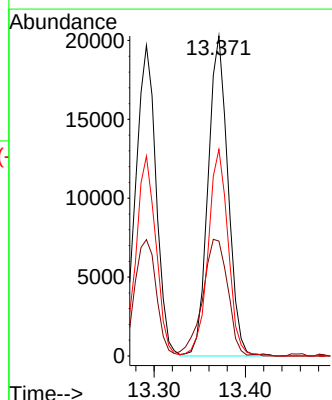
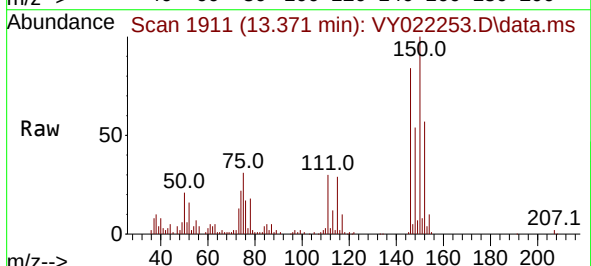
RT: 13.371 min Scan# 1911

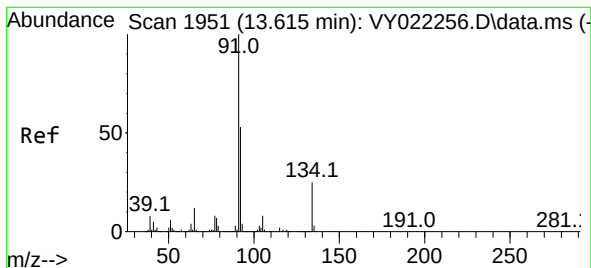
Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion:	146	Resp:	30610
Ion Ratio	Lower	Upper	
146	100		
111	45.2	20.0	59.9
148	64.8	32.1	96.5





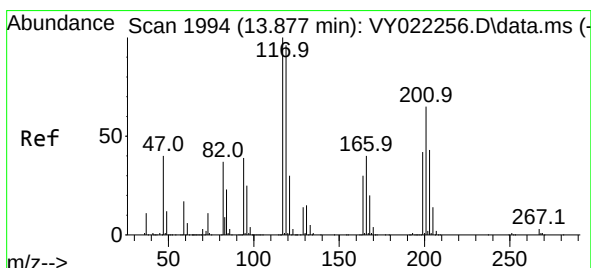
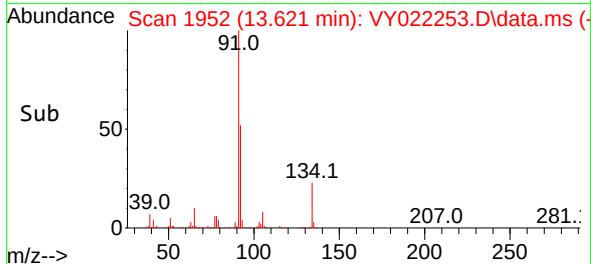
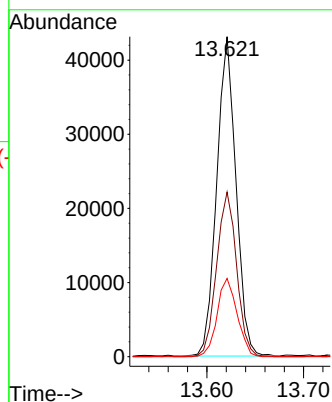
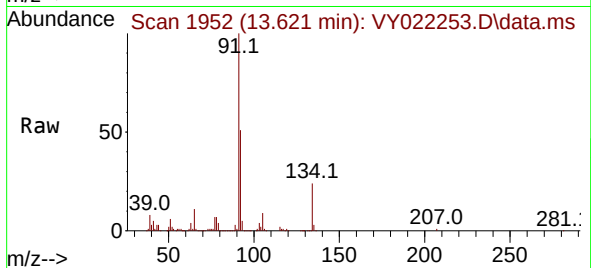
#89
n-Butylbenzene
Concen: 4.869 ug/l
RT: 13.621 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 5948
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 25.6 12.4 37.4

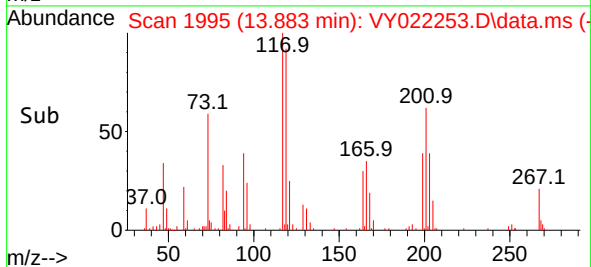
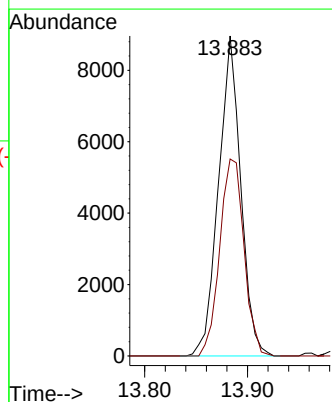
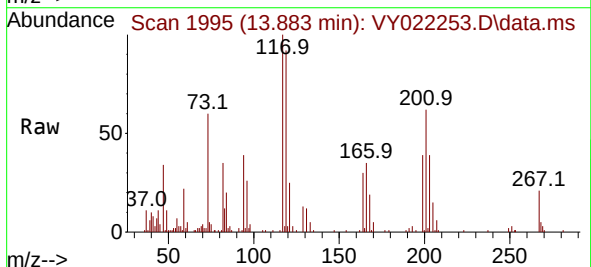
Manual Integrations
APPROVED

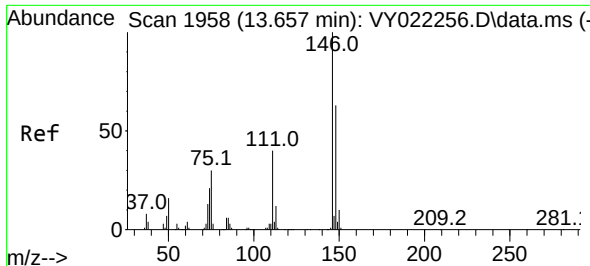
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90
Hexachloroethane
Concen: 5.158 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

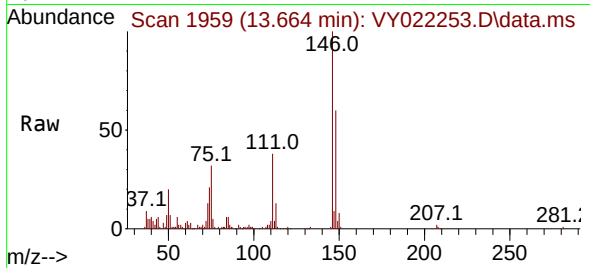
Tgt Ion:117 Resp: 13445
Ion Ratio Lower Upper
117 100
201 67.2 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 5.030 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

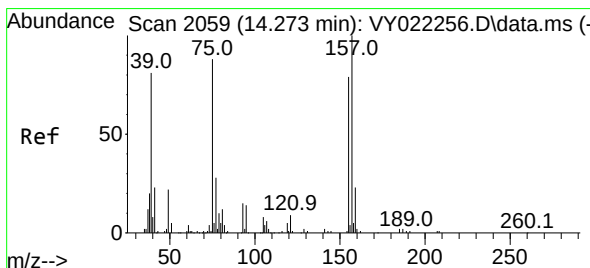
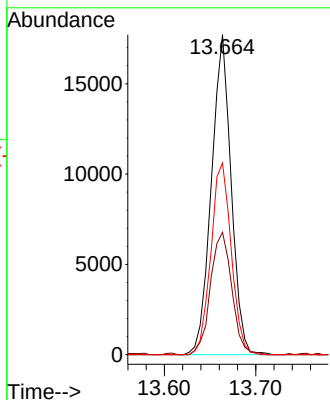
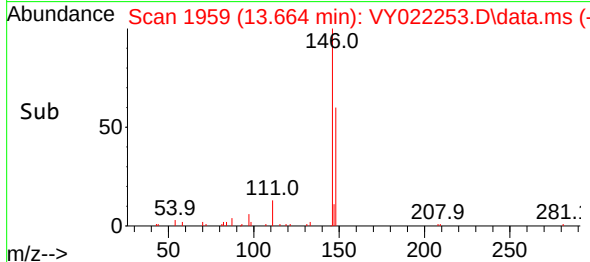
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005



Tgt Ion:146 Resp: 26550
Ion Ratio Lower Upper
146 100
111 41.2 20.5 61.5
148 61.8 32.0 96.0

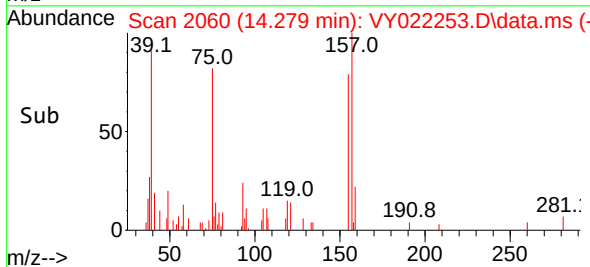
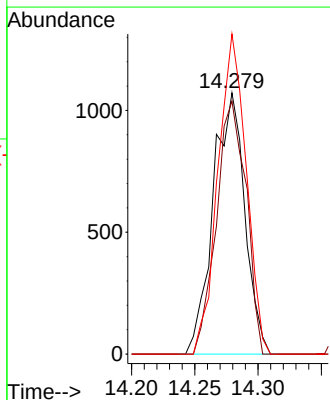
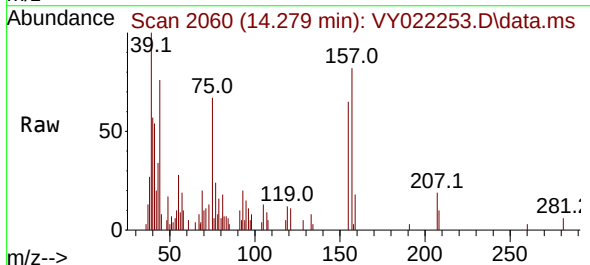
Manual Integrations
APPROVED

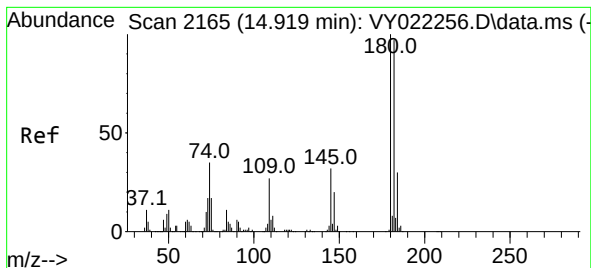
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.217 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 75 Resp: 1865
Ion Ratio Lower Upper
75 100
155 90.8 43.4 130.1
157 109.4 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 4.906 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

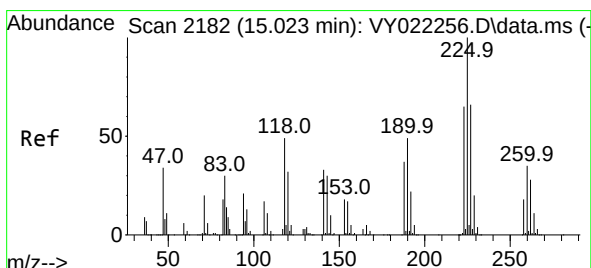
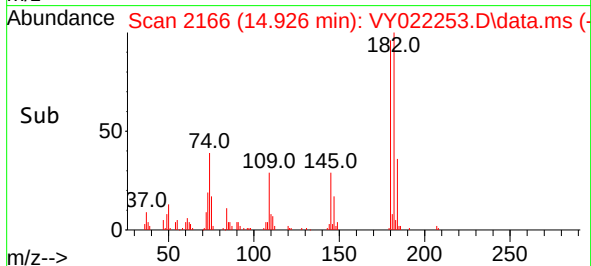
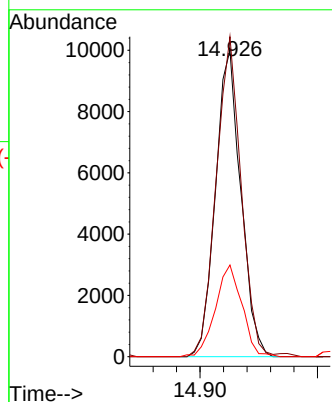
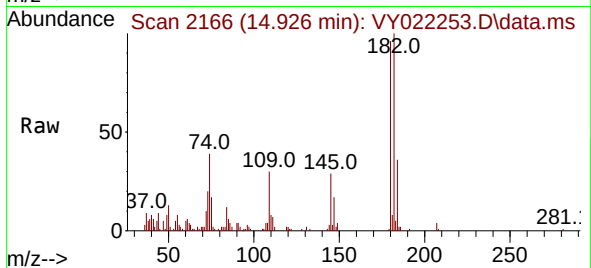
VSTDIC005

Tgt Ion:180	Resp:	1496
Ion Ratio	Lower	Upper
180	100	
182	103.3	48.0 144.0
145	31.4	15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

Concen: 5.226 ug/l

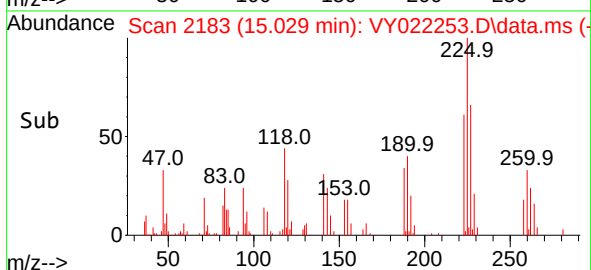
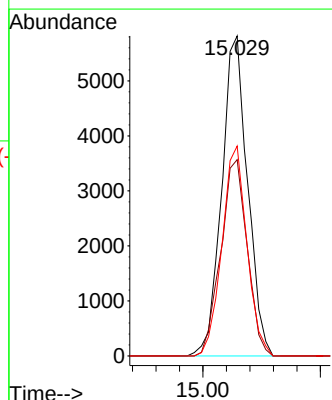
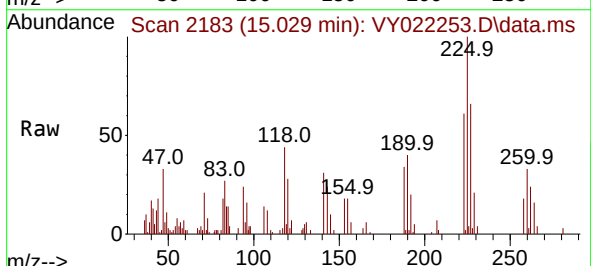
RT: 15.029 min Scan# 2183

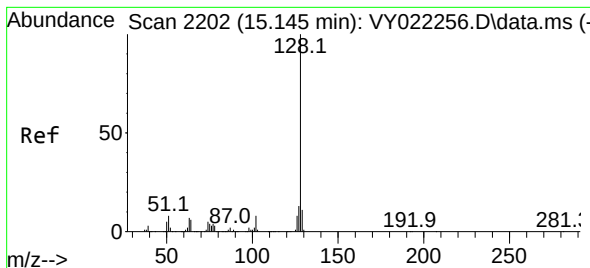
Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion:225	Resp:	8887
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.5 94.5
227	63.3	32.1 96.3





#95

Naphthalene

Concen: 5.124 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

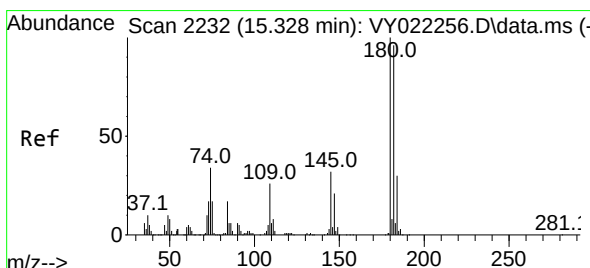
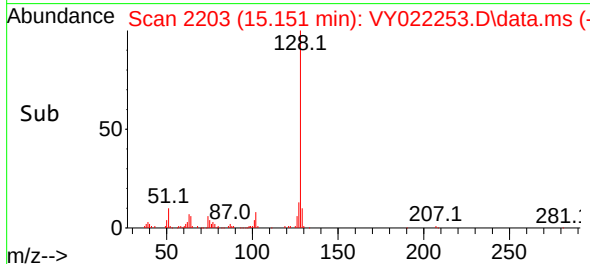
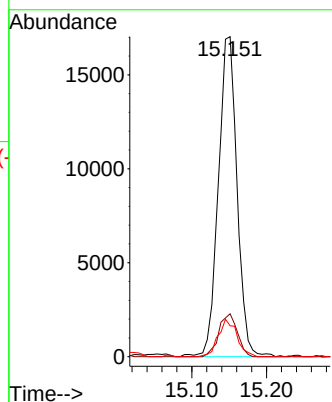
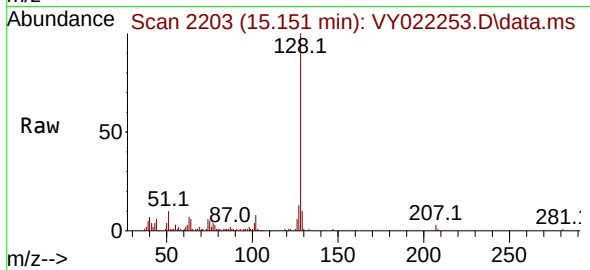
VSTDIC005

Tgt Ion:	128	Resp:	29654
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.2
129	11.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 5.063 ug/l

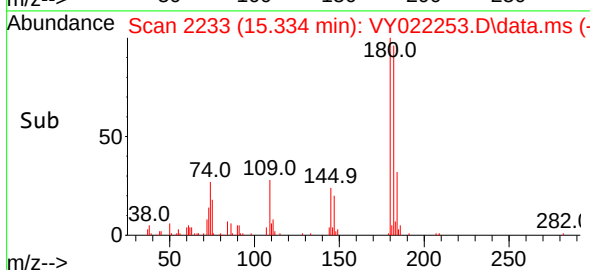
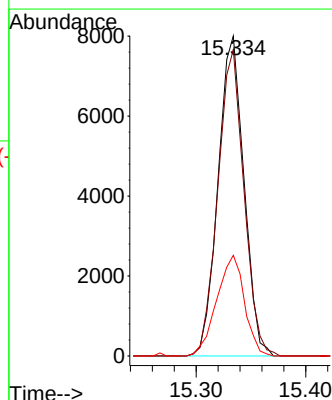
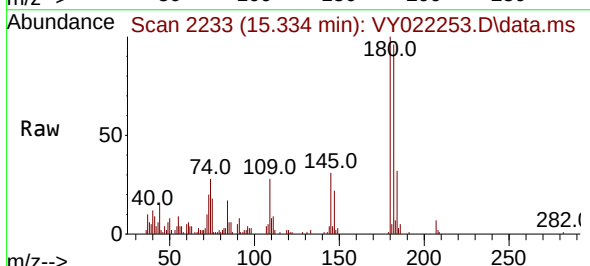
RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion:	180	Resp:	13097
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.1	141.3
145	33.7	15.9	47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022254.D
 Acq On : 15 May 2025 10:16
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:21:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	265034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	446109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	377211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	29608	10.222	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.440%#		
35) Dibromofluoromethane	7.634	113	26242	9.856	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.720%#		
50) Toluene-d8	10.109	98	107048	9.816	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.640%#		
62) 4-Bromofluorobenzene	12.408	95	34423	9.959	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.920%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	31097	11.245	ug/l	99
3) Chloromethane	2.068	50	65589	11.275	ug/l	98
4) Vinyl Chloride	2.202	62	69800	10.739	ug/l	95
5) Bromomethane	2.592	94	54773	10.352	ug/l	99
6) Chloroethane	2.732	64	43122	10.665	ug/l	99
7) Trichlorofluoromethane	3.056	101	68501	10.410	ug/l	99
8) Diethyl Ether	3.458	74	16945	10.730	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	30591	10.708	ug/l	99
10) Methyl Iodide	4.007	142	31088	9.402	ug/l	97
11) Tert butyl alcohol	4.878	59	12043	54.446	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	28831	10.170	ug/l	95
13) Acrolein	3.659	56	17927	55.439	ug/l	96
14) Allyl chloride	4.378	41	51275	10.315	ug/l	99
15) Acrylonitrile	5.061	53	33277	51.139	ug/l	100
16) Acetone	3.879	43	30229	55.657	ug/l	100
17) Carbon Disulfide	4.104	76	96591	10.448	ug/l	97
18) Methyl Acetate	4.385	43	16338	9.886	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	80714	10.326	ug/l	96
20) Methylene Chloride	4.622	84	42991	12.250	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	32258	10.309	ug/l	98
22) Diisopropyl ether	6.018	45	106493	10.145	ug/l	94
23) Vinyl Acetate	5.964	43	324651	51.192	ug/l	100
24) 1,1-Dichloroethane	5.915	63	60198	10.265	ug/l	97
25) 2-Butanone	6.896	43	48022	52.859	ug/l	98
26) 2,2-Dichloropropane	6.890	77	54264	10.403	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	36403	10.081	ug/l	98
28) Bromochloromethane	7.244	49	25664	10.259	ug/l	98
29) Tetrahydrofuran	7.274	42	30684	52.498	ug/l	98
30) Chloroform	7.421	83	57172	10.163	ug/l	100
31) Cyclohexane	7.701	56	63155	10.778	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	52856	10.242	ug/l	99
36) 1,1-Dichloropropene	7.835	75	44817	10.219	ug/l	97
37) Ethyl Acetate	6.994	43	20624	9.774	ug/l	97
38) Carbon Tetrachloride	7.817	117	46772	10.303	ug/l	97
39) Methylcyclohexane	9.109	83	60489	10.266	ug/l	98
40) Benzene	8.079	78	130423	10.032	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022254.D
 Acq On : 15 May 2025 10:16
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:21:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	16228m	10.510	ug/l	
42) 1,2-Dichloroethane	8.158	62	35565	10.115	ug/l	100
43) Isopropyl Acetate	8.201	43	47020	10.217	ug/l	98
44) Trichloroethene	8.865	130	32655	10.101	ug/l	99
45) 1,2-Dichloropropane	9.140	63	32172	10.264	ug/l	93
46) Dibromomethane	9.231	93	17134	10.135	ug/l	99
47) Bromodichloromethane	9.426	83	44045	10.042	ug/l	96
48) Methyl methacrylate	9.225	41	21202	9.851	ug/l	98
49) 1,4-Dioxane	9.231	88	3930	205.769	ug/l #	75
51) 4-Methyl-2-Pentanone	9.999	43	110396	48.889	ug/l	100
52) Toluene	10.170	92	82453	10.015	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	42158	9.849	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	48923	9.976	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	21720	10.033	ug/l	97
56) Ethyl methacrylate	10.438	69	32286	9.574	ug/l	98
57) 1,3-Dichloropropane	10.719	76	38908	10.115	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	66700	44.066	ug/l	100
59) 2-Hexanone	10.761	43	74432	49.162	ug/l	99
60) Dibromochloromethane	10.914	129	28002	9.965	ug/l	99
61) 1,2-Dibromoethane	11.018	107	20378	10.099	ug/l	99
64) Tetrachloroethene	10.646	164	36274	10.404	ug/l	99
65) Chlorobenzene	11.444	112	83730	9.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	28441	9.721	ug/l	97
67) Ethyl Benzene	11.517	91	154155	9.672	ug/l	97
68) m/p-Xylenes	11.627	106	116113	19.334	ug/l	99
69) o-Xylene	11.956	106	55896	9.837	ug/l	96
70) Styrene	11.969	104	91569	9.553	ug/l	99
71) Bromoform	12.133	173	16151	10.228	ug/l #	95
73) Isopropylbenzene	12.255	105	144186	10.120	ug/l	99
74) N-amyl acetate	12.072	43	40345	9.901	ug/l	99
75) 1,1,1,2,2-Tetrachloroethane	12.505	83	22243	10.152	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	16056m	5.297	ug/l	
77) Bromobenzene	12.536	156	30445	10.005	ug/l	99
78) n-propylbenzene	12.597	91	173575	10.101	ug/l	100
79) 2-Chlorotoluene	12.682	91	95815	10.146	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	116461	10.126	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	8934	10.388	ug/l	94
82) 4-Chlorotoluene	12.779	91	97309	10.018	ug/l	99
83) tert-Butylbenzene	12.999	119	102274	10.005	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	115175	10.088	ug/l	99
85) sec-Butylbenzene	13.176	105	153443	10.112	ug/l	100
86) p-Isopropyltoluene	13.291	119	124147	9.728	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	61011	9.822	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	60723	10.163	ug/l	97
89) n-Butylbenzene	13.621	91	120371	9.970	ug/l	99
90) Hexachloroethane	13.883	117	26089	10.127	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	52282	10.020	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3588	10.155	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	29073	9.646	ug/l	99
94) Hexachlorobutadiene	15.023	225	16686	9.927	ug/l	98
95) Naphthalene	15.145	128	54307	9.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	24790	9.696	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022254.D
Acq On : 15 May 2025 10:16
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

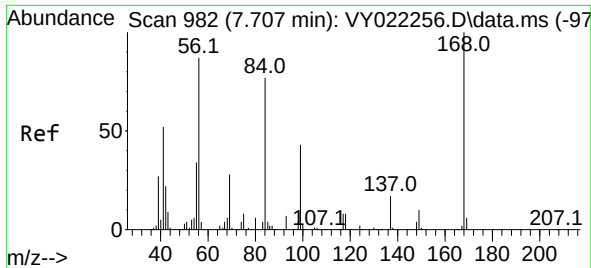
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:21:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

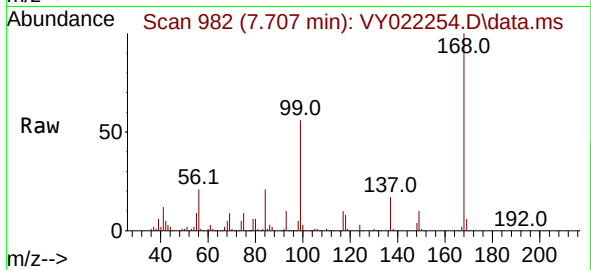
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

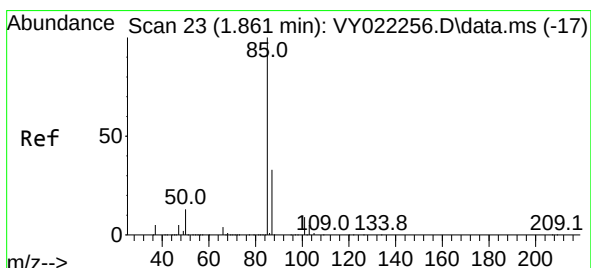
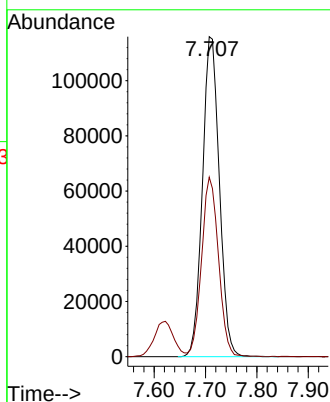
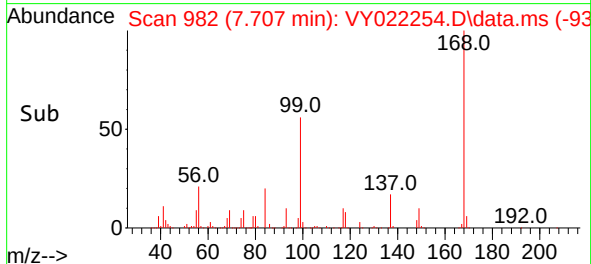
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:168 Resp: 265034
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4

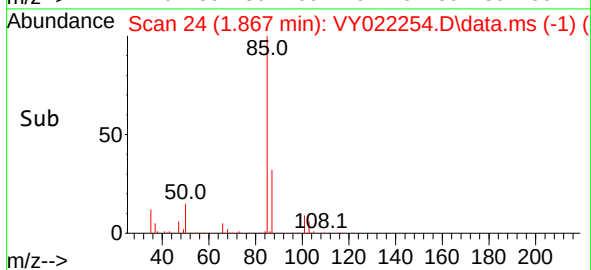
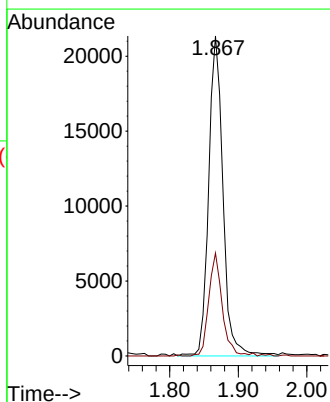
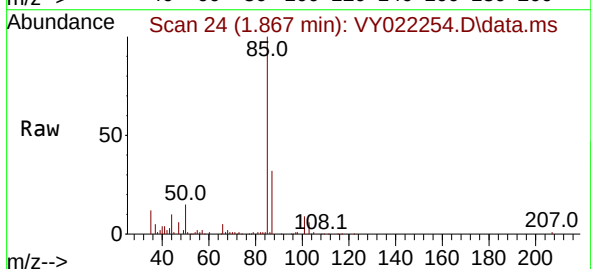
Manual Integrations
APPROVED

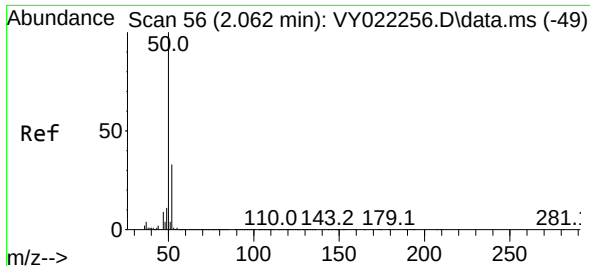
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 11.245 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

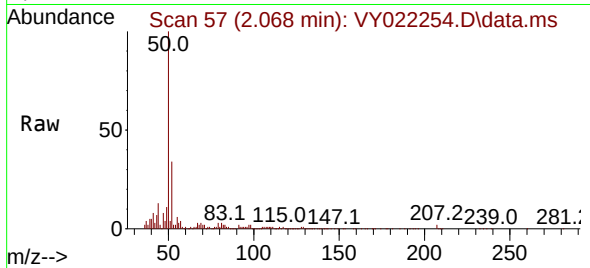
Tgt Ion: 85 Resp: 31097
Ion Ratio Lower Upper
85 100
87 32.2 16.5 49.5





#3
Chloromethane
Concen: 11.275 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

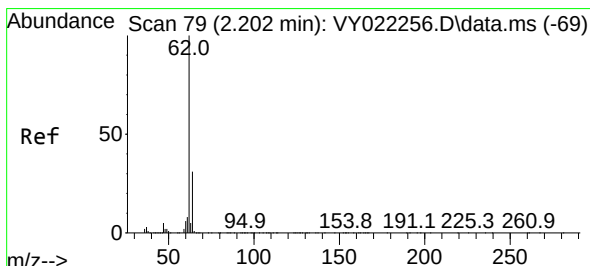
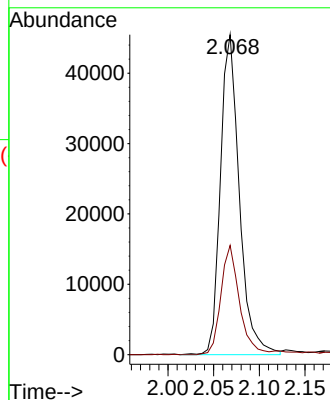
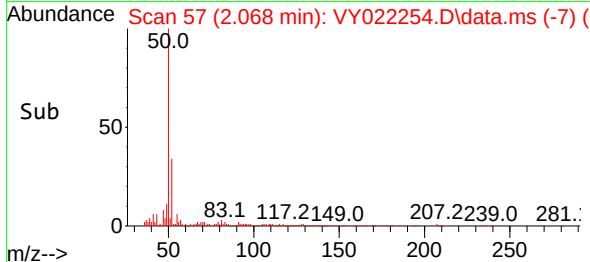
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



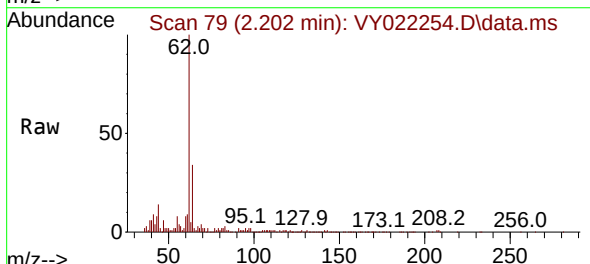
Tgt Ion: 50 Resp: 65589
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7

Manual Integrations
APPROVED

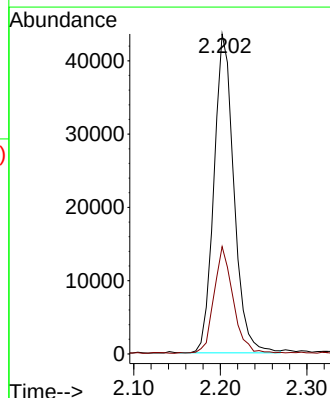
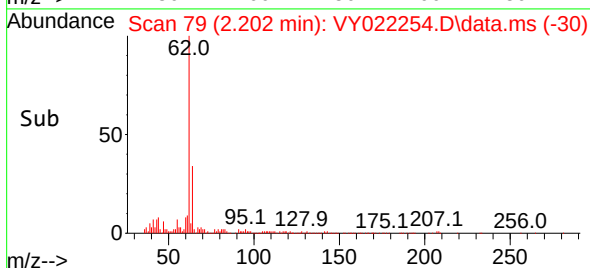
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

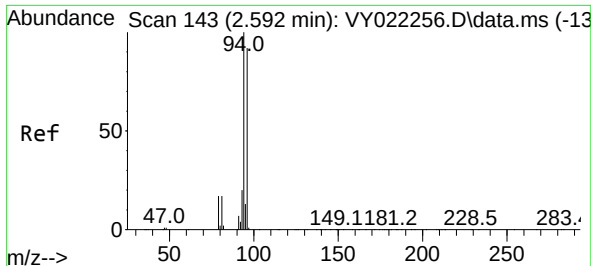


#4
Vinyl Chloride
Concen: 10.739 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



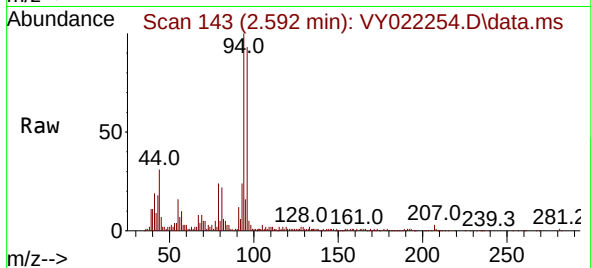
Tgt Ion: 62 Resp: 69800
Ion Ratio Lower Upper
62 100
64 33.2 24.5 36.7





#5
Bromomethane
Concen: 10.352 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

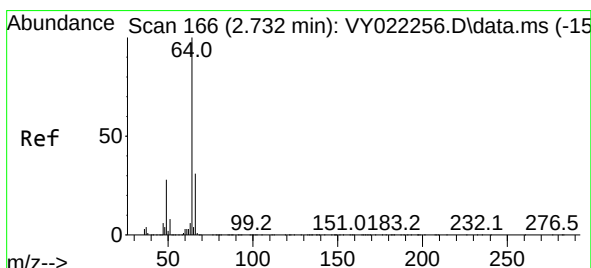
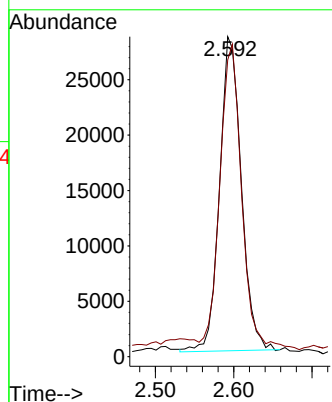
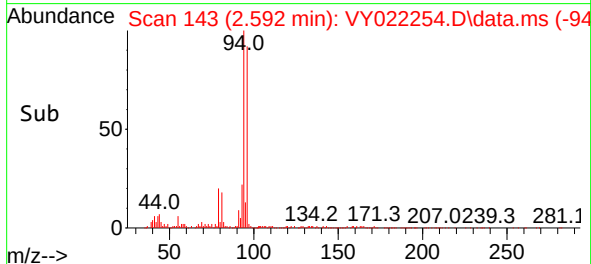
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



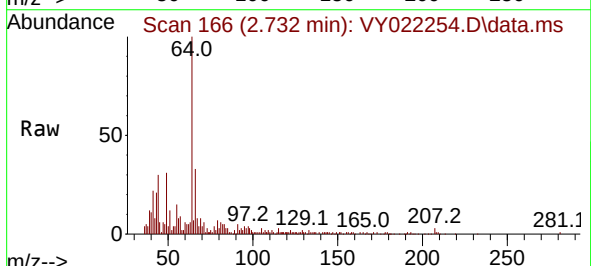
Tgt Ion: 94 Resp: 5477
Ion Ratio Lower Upper
94 100
96 90.9 73.4 110.0

Manual Integrations
APPROVED

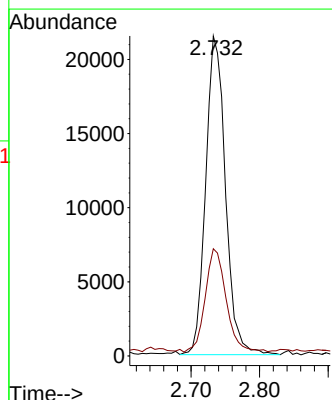
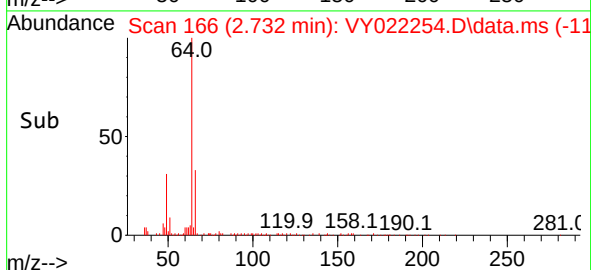
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

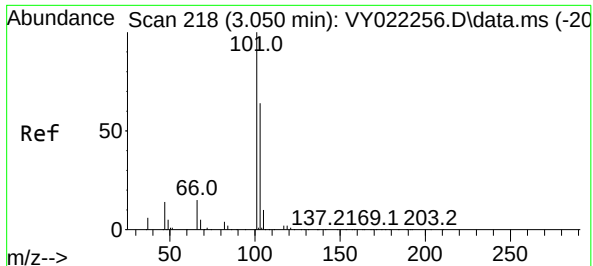


#6
Chloroethane
Concen: 10.665 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion: 64 Resp: 43122
Ion Ratio Lower Upper
64 100
66 31.6 24.8 37.2





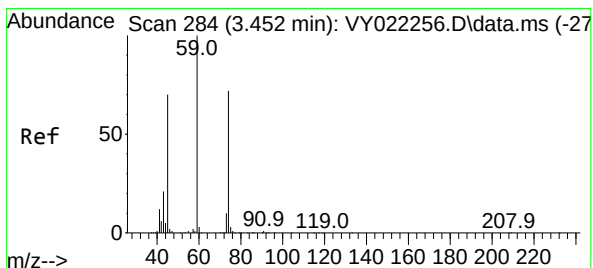
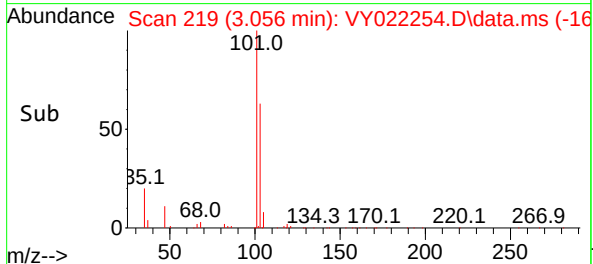
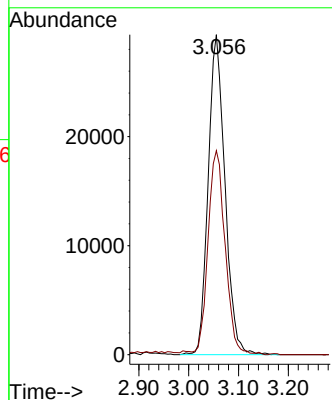
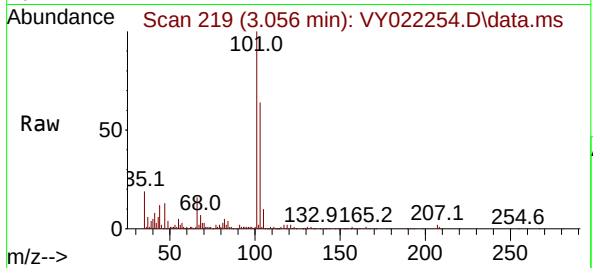
#7
 Trichlorofluoromethane
 Concen: 10.410 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:101 Resp: 6850
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.7 77.5

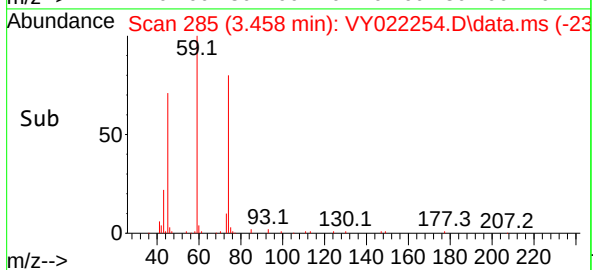
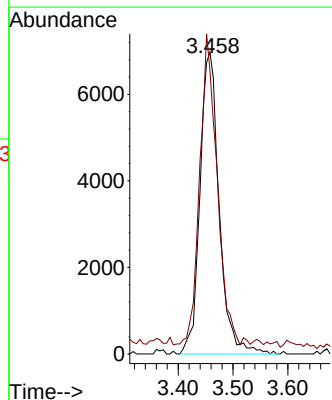
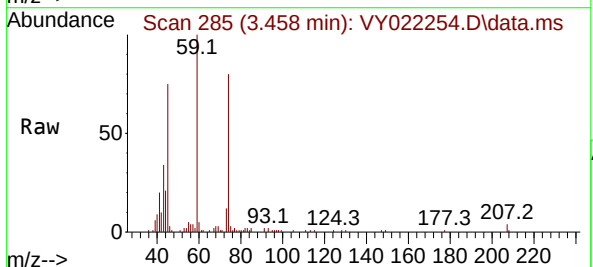
Manual Integrations
 APPROVED

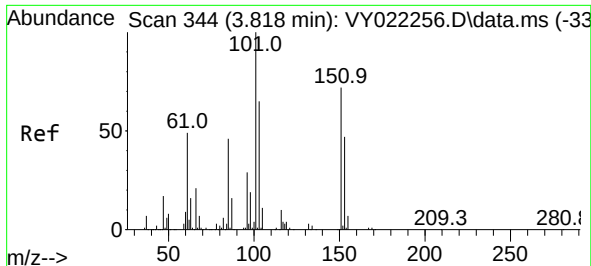
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#8
 Diethyl Ether
 Concen: 10.730 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

Tgt Ion: 74 Resp: 16945
 Ion Ratio Lower Upper
 74 100
 45 93.2 48.6 145.8





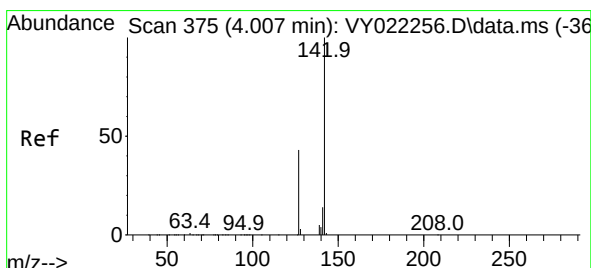
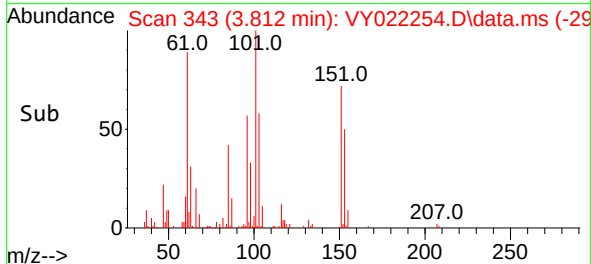
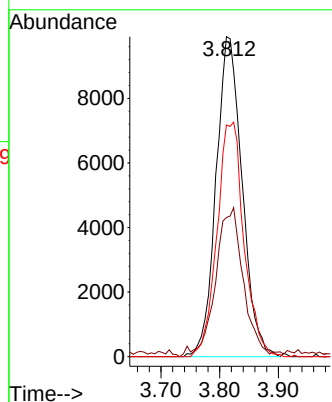
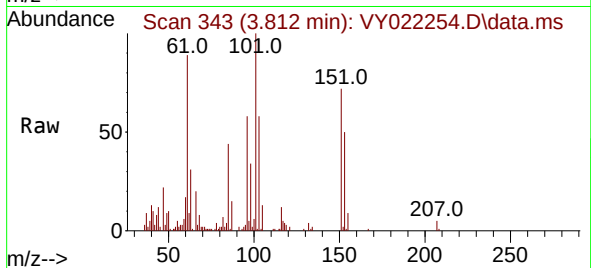
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.708 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 3059
Ion Ratio Lower Upper
101 100
85 47.5 38.6 58.0
151 75.6 59.7 89.5

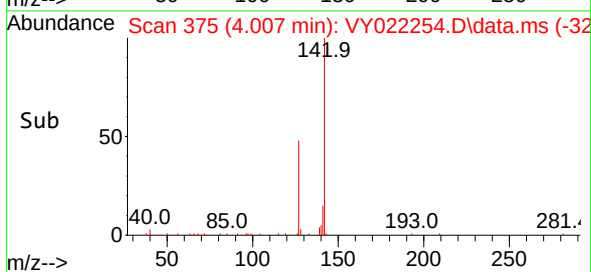
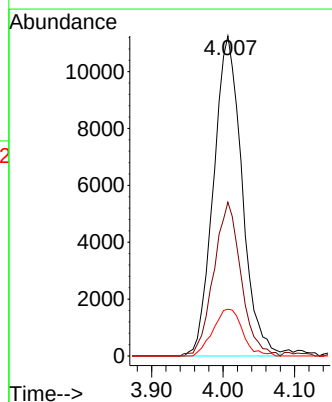
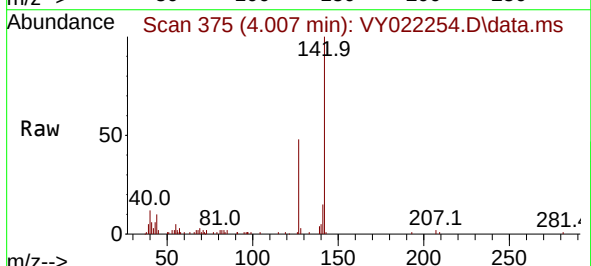
Manual Integrations
APPROVED

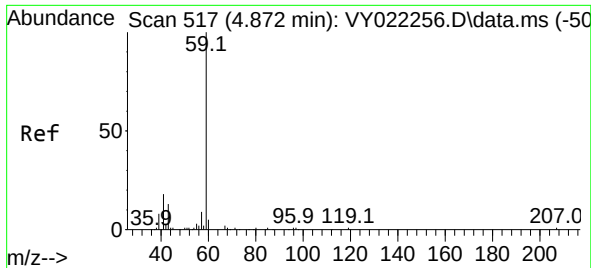
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 9.402 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

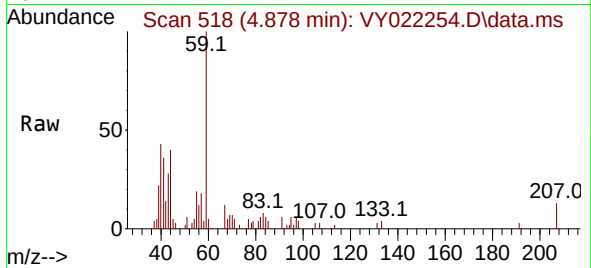
Tgt Ion:142 Resp: 31088
Ion Ratio Lower Upper
142 100
127 46.2 35.7 53.5
141 15.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 54.446 ug/l
RT: 4.878 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

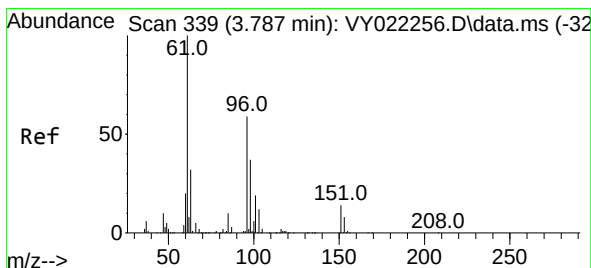
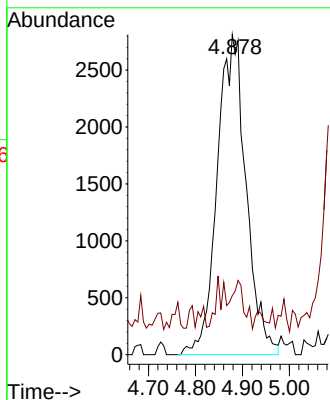
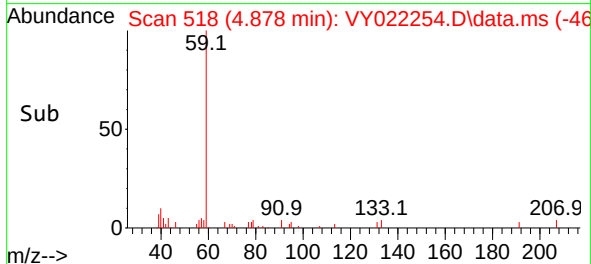
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



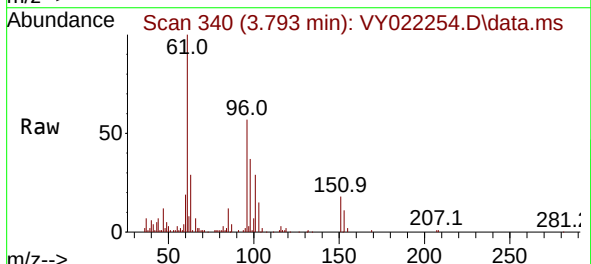
Tgt Ion: 59 Resp: 1204
Ion Ratio Lower Upper
59 100
57 5.7 0.0 0.0

Manual Integrations
APPROVED

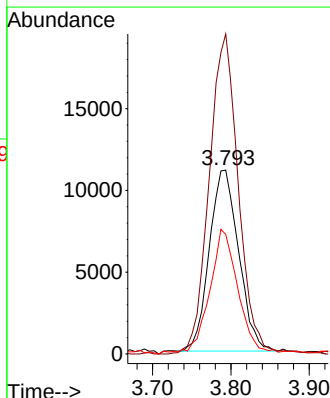
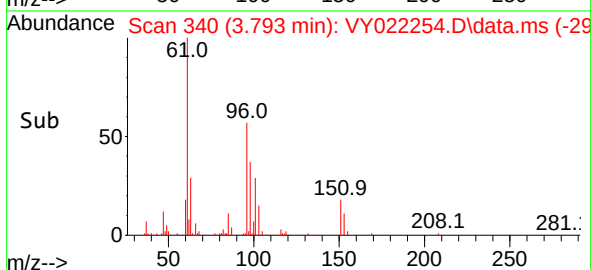
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

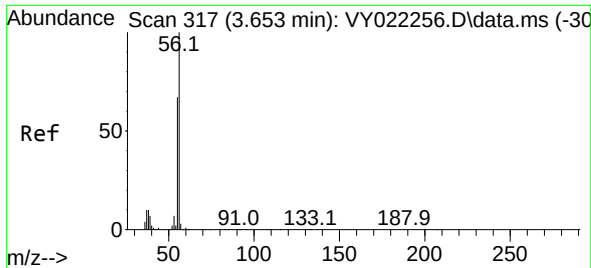


#12
1,1-Dichloroethene
Concen: 10.170 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



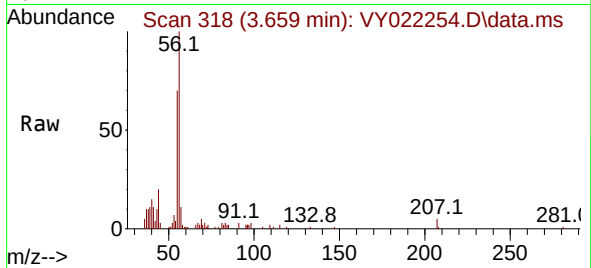
Tgt Ion: 96 Resp: 28831
Ion Ratio Lower Upper
96 100
61 176.2 134.9 202.3
98 65.1 49.9 74.9





#13
Acrolein
Concen: 55.439 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

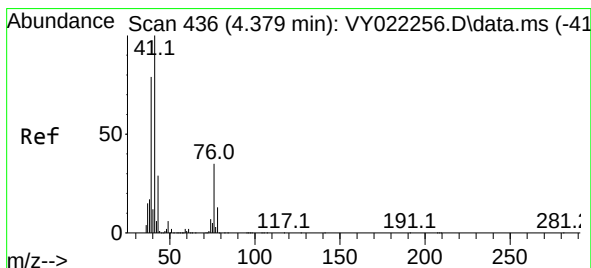
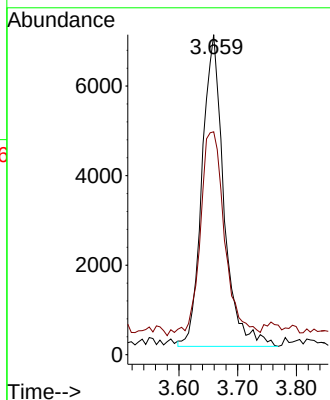
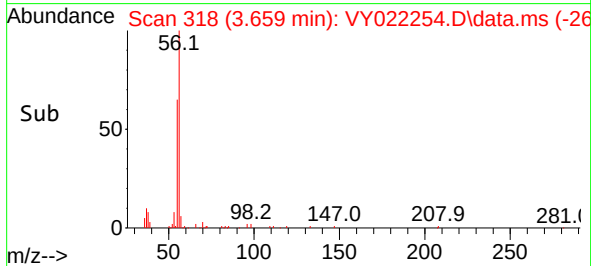
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



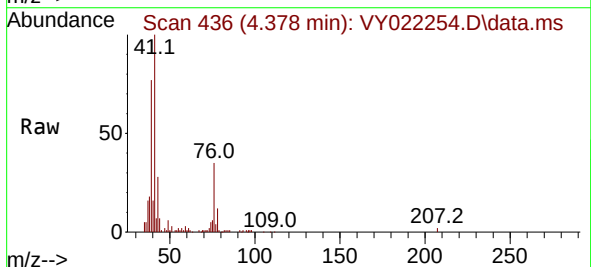
Tgt Ion: 56 Resp: 1792
Ion Ratio Lower Upper
56 100
55 73.0 55.6 83.4

Manual Integrations
APPROVED

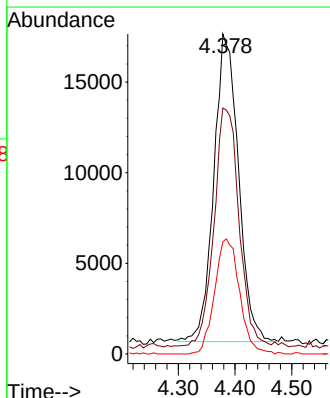
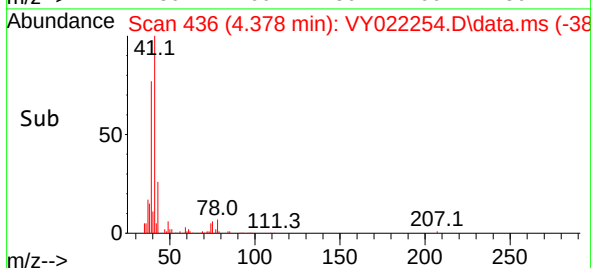
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

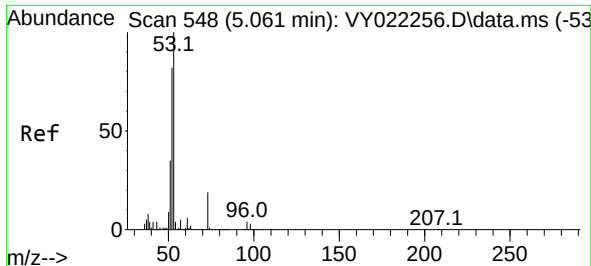


#14
Allyl chloride
Concen: 10.315 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



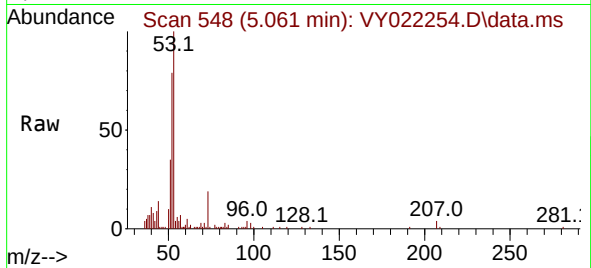
Tgt Ion: 41 Resp: 51275
Ion Ratio Lower Upper
41 100
39 79.2 63.4 95.0
76 37.8 29.5 44.3





#15
Acrylonitrile
Concen: 51.139 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

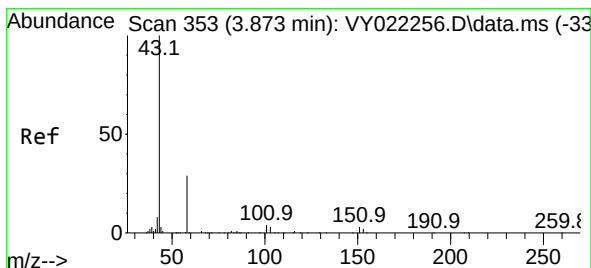
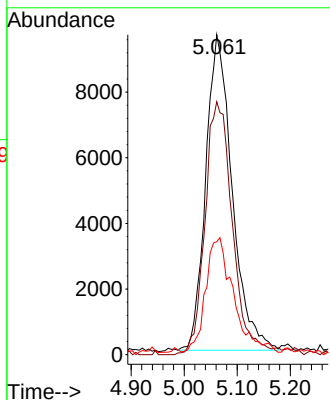
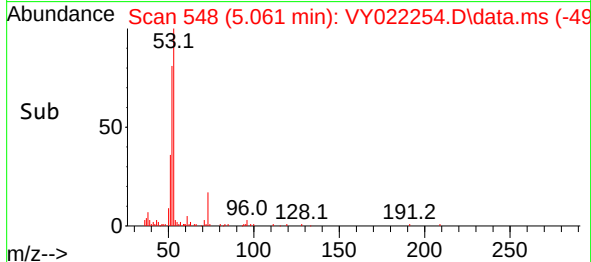
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



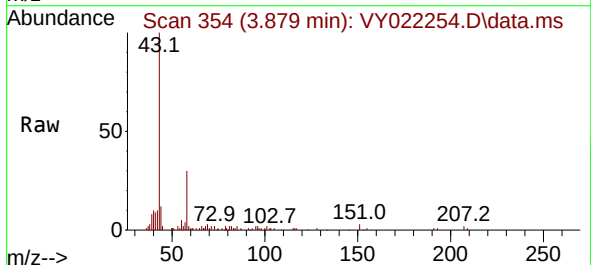
Tgt Ion: 53 Resp: 3327
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 38.2 30.0 45.0

Manual Integrations
APPROVED

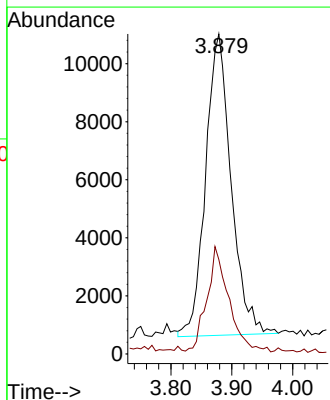
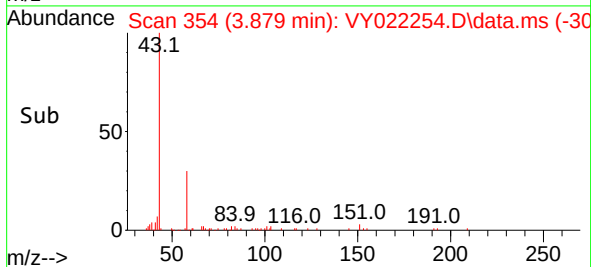
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

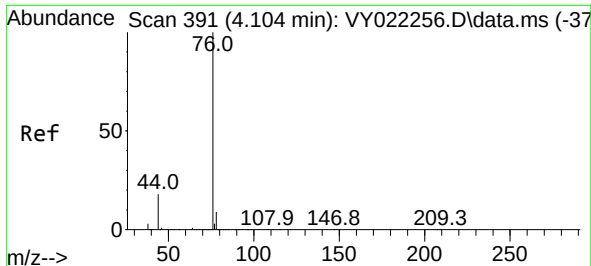


#16
Acetone
Concen: 55.657 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



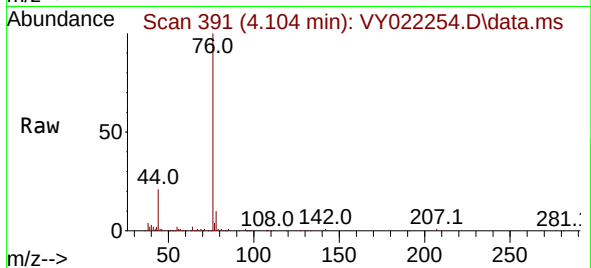
Tgt Ion: 43 Resp: 30229
Ion Ratio Lower Upper
43 100
58 29.5 23.6 35.4





#17
Carbon Disulfide
Concen: 10.448 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

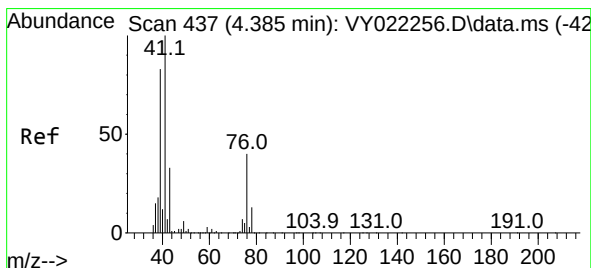
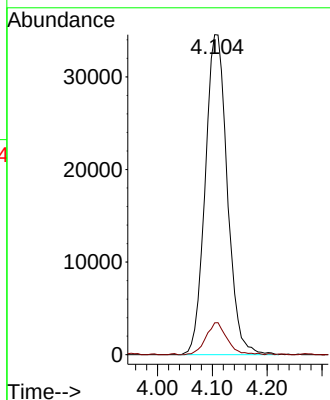
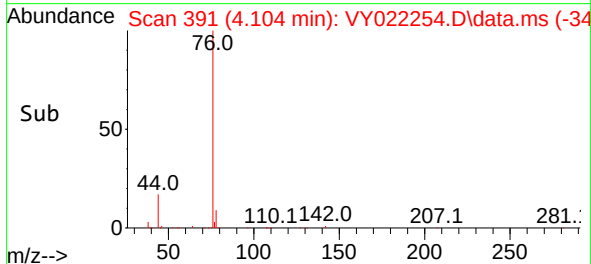
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



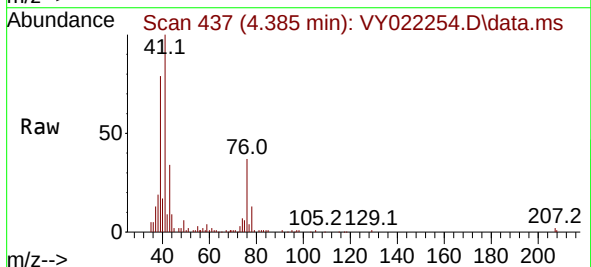
Tgt Ion: 76 Resp: 9659
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

Manual Integrations
APPROVED

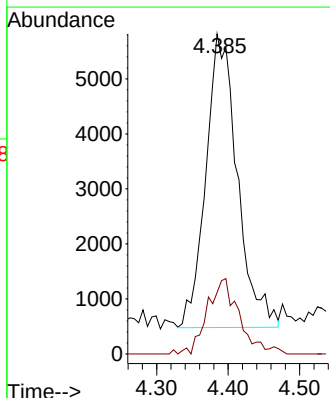
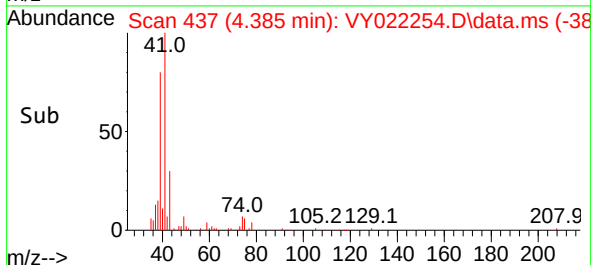
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

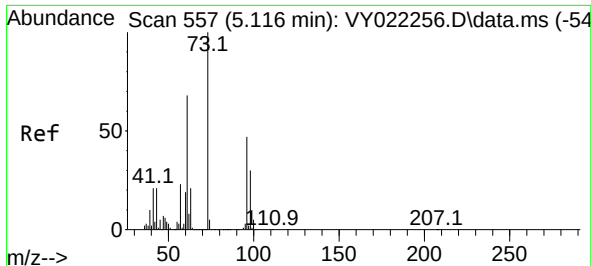


#18
Methyl Acetate
Concen: 9.886 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion: 43 Resp: 16338
Ion Ratio Lower Upper
43 100
74 25.6 18.2 27.4





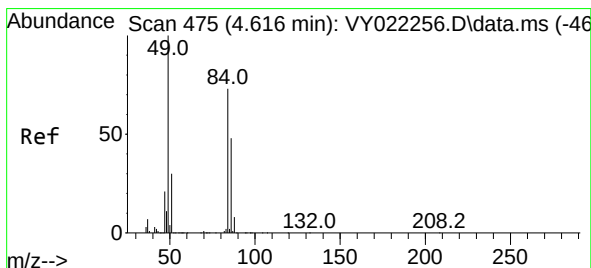
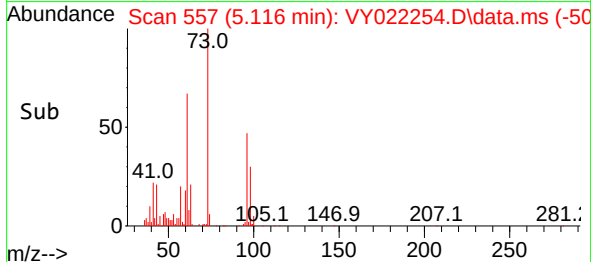
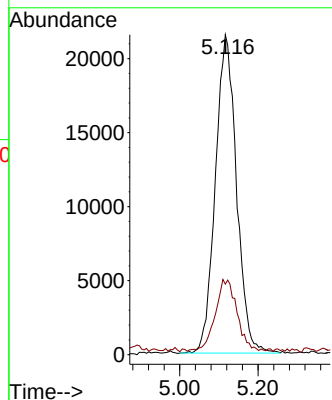
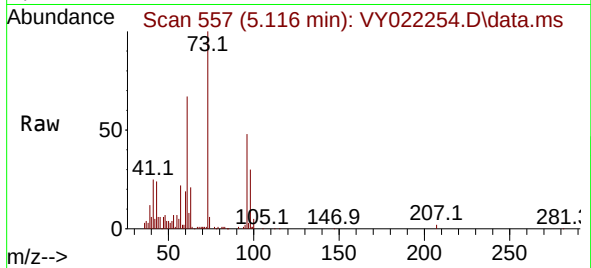
#19
Methyl tert-butyl Ether
Concen: 10.326 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 80714
Ion Ratio Lower Upper
73 100
57 21.3 18.6 28.0

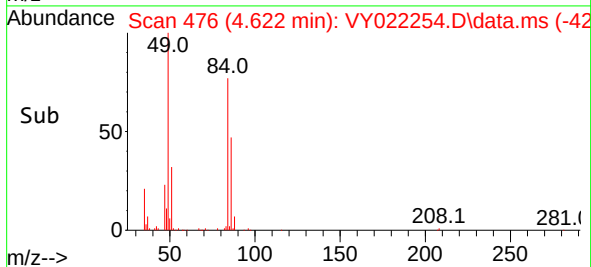
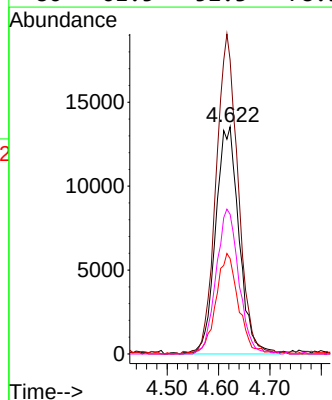
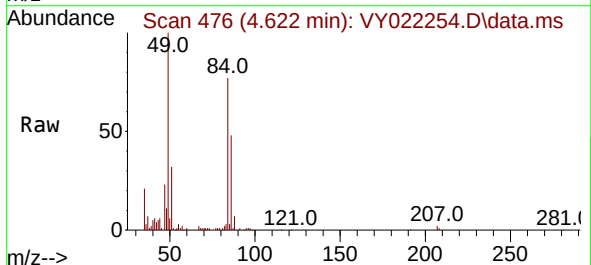
Manual Integrations
APPROVED

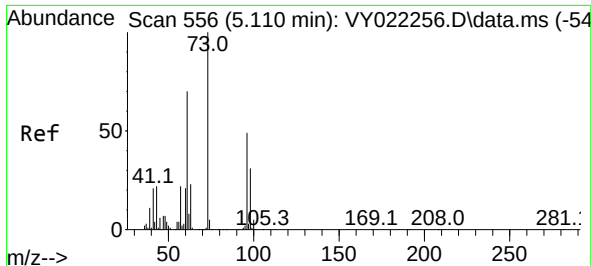
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20
Methylene Chloride
Concen: 12.250 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

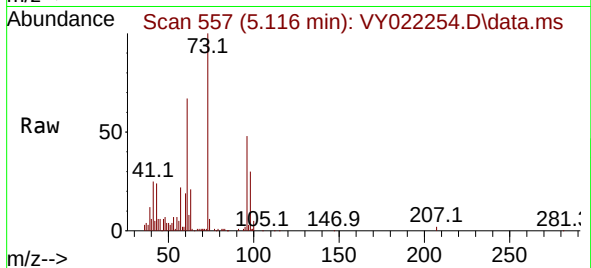
Tgt Ion: 84 Resp: 42991
Ion Ratio Lower Upper
84 100
49 129.4 109.6 164.4
51 42.0 32.4 48.6
86 61.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 10.309 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

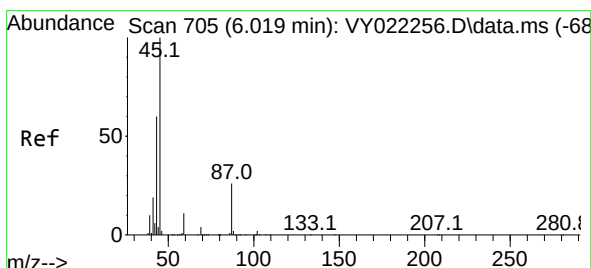
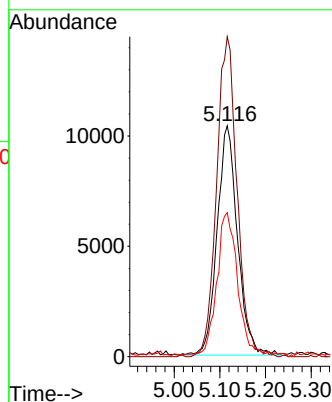
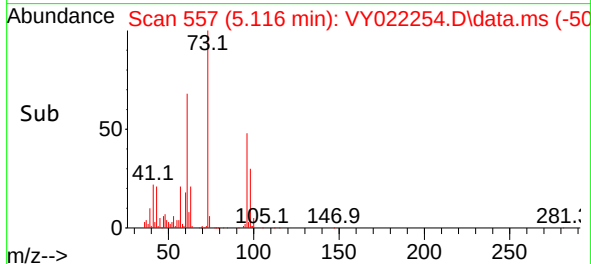
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



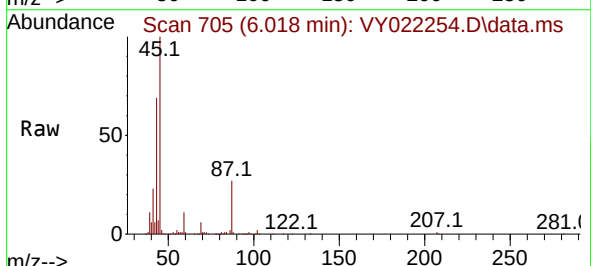
Tgt Ion: 96 Resp: 32258
Ion Ratio Lower Upper
96 100
61 139.6 113.4 170.0
98 62.0 50.9 76.3

Manual Integrations
APPROVED

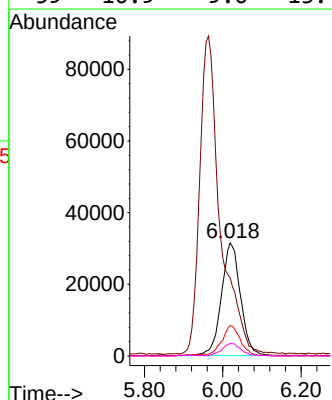
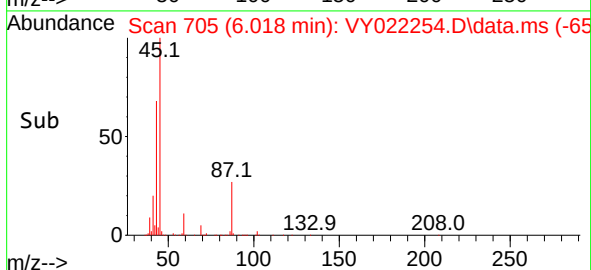
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

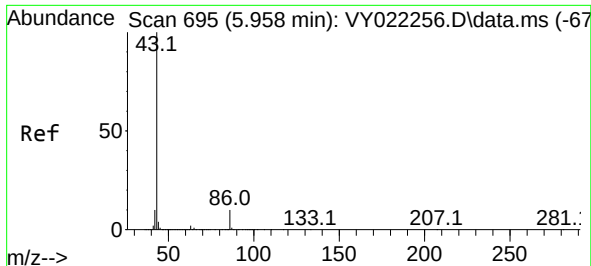


#22
Diisopropyl ether
Concen: 10.145 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



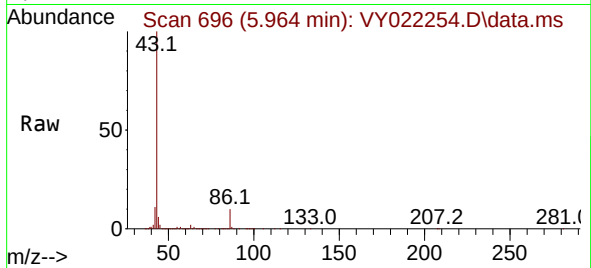
Tgt Ion: 45 Resp: 106493
Ion Ratio Lower Upper
45 100
43 67.7 48.2 72.2
87 26.8 21.4 32.0
59 10.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 51.192 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

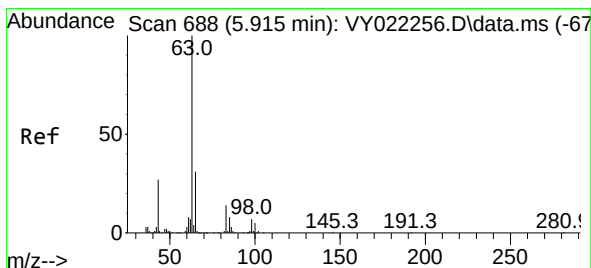
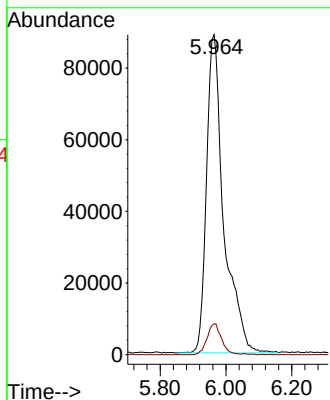
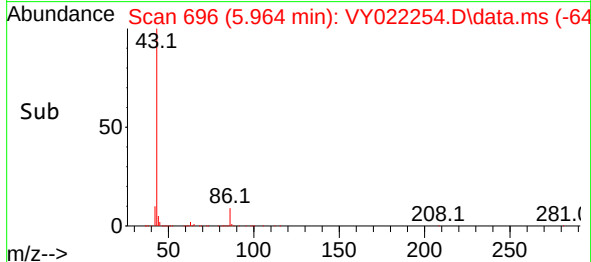
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



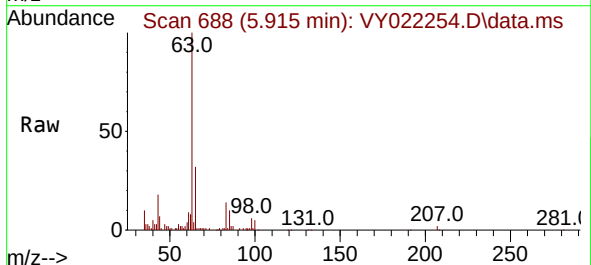
Tgt Ion: 43 Resp: 32465
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

Manual Integrations
 APPROVED

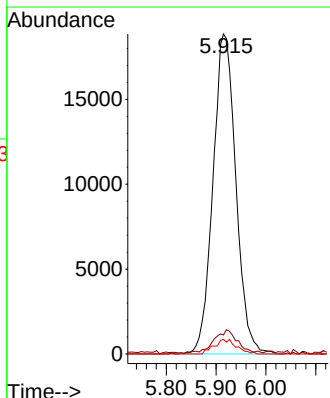
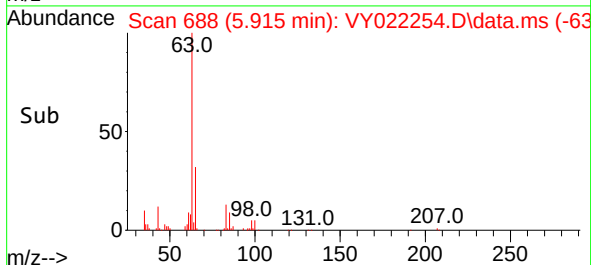
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

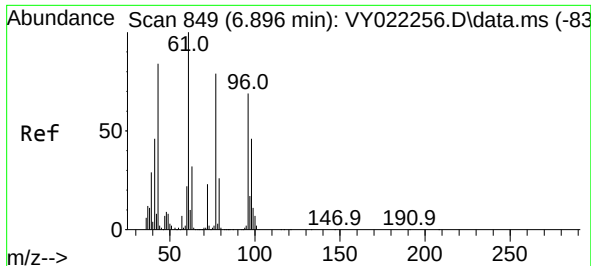


#24
 1,1-Dichloroethane
 Concen: 10.265 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16



Tgt Ion: 63 Resp: 60198
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.5 10.5
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 52.859 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 4802

Ion Ratio Lower Upper

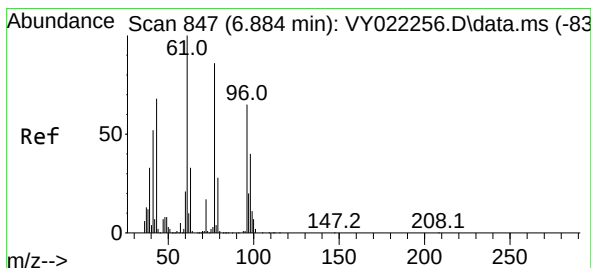
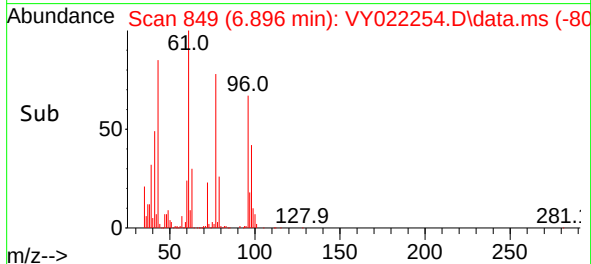
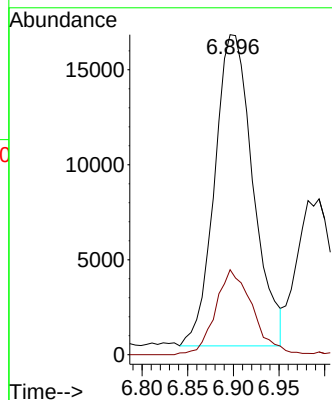
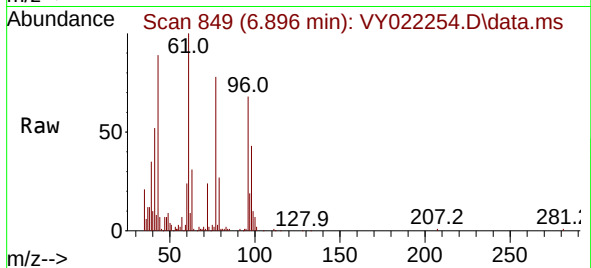
43 100

72 26.7 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#26

2,2-Dichloropropane

Concen: 10.403 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022254.D

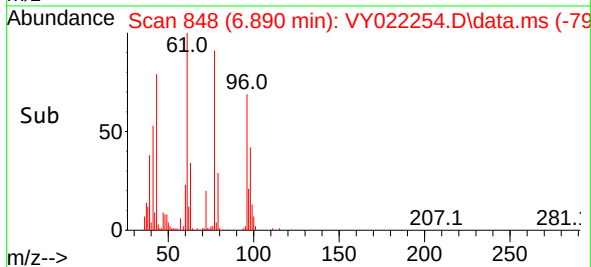
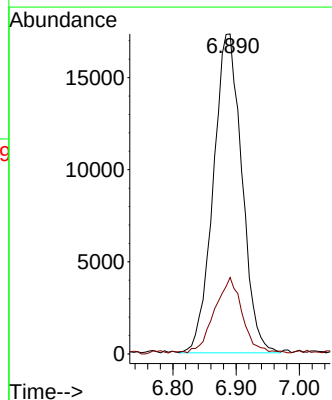
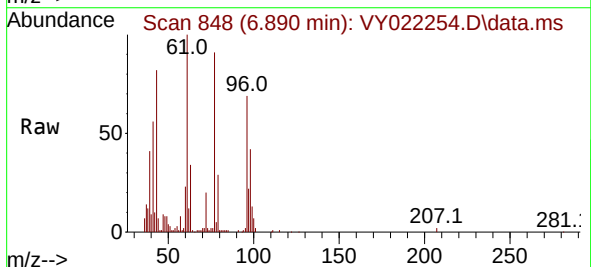
Acq: 15 May 2025 10:16

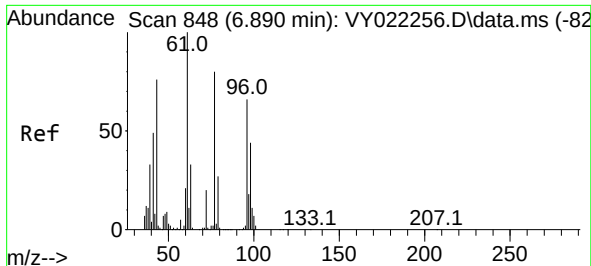
Tgt Ion: 77 Resp: 54264

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





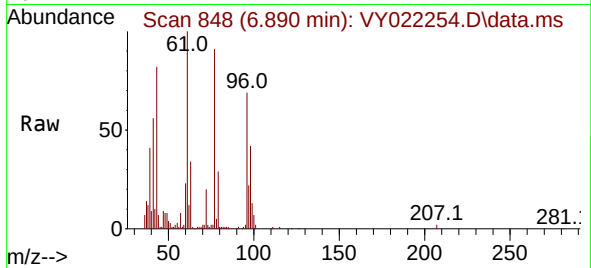
#27
 cis-1,2-Dichloroethene
 Concen: 10.081 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

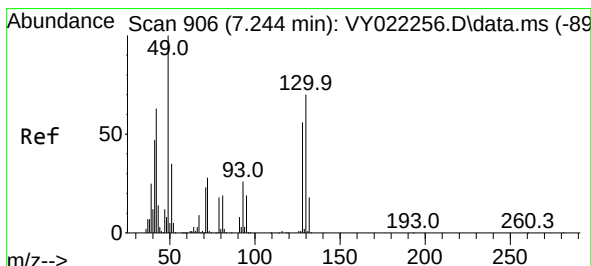
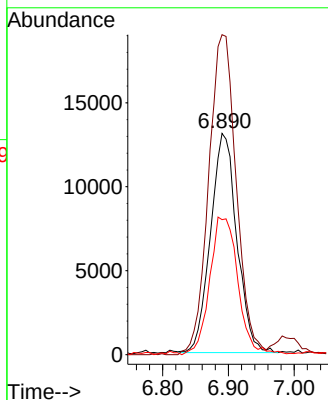
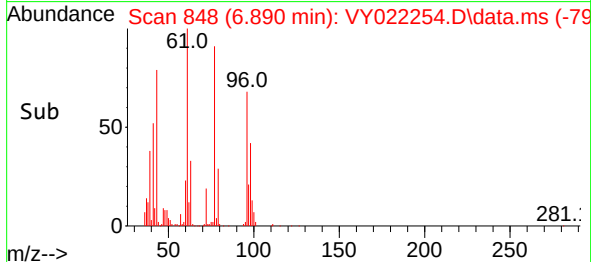


Tgt Ion: 96 Resp: 3640
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 302.6
 98 67.2 0.0 128.8

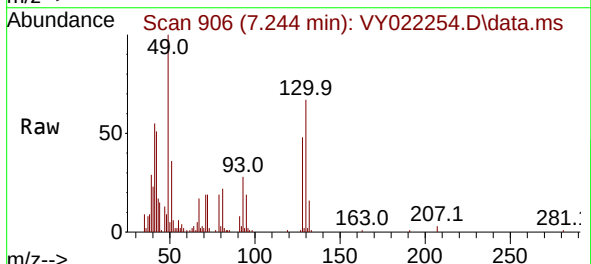
Manual Integrations

APPROVED

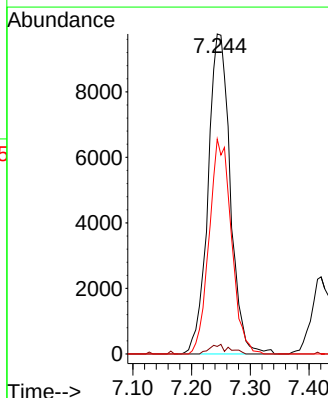
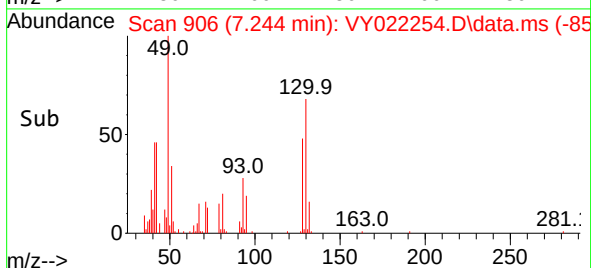
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

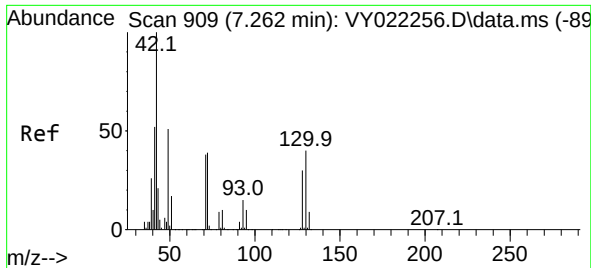


#28
 Bromochloromethane
 Concen: 10.259 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16



Tgt Ion: 49 Resp: 25664
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 3.6
 130 67.2 54.7 82.1





#29

Tetrahydrofuran

Concen: 52.498 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

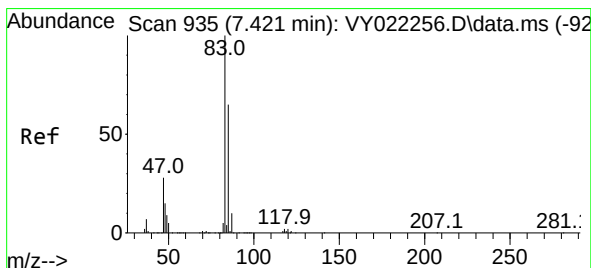
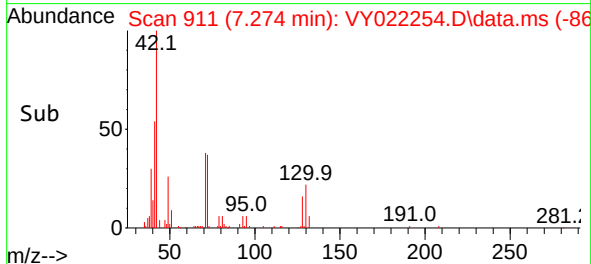
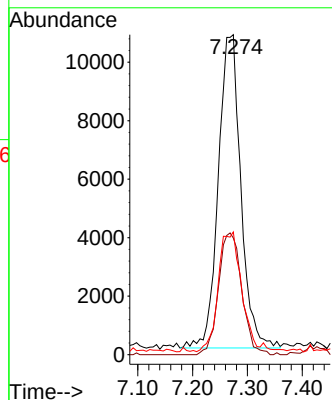
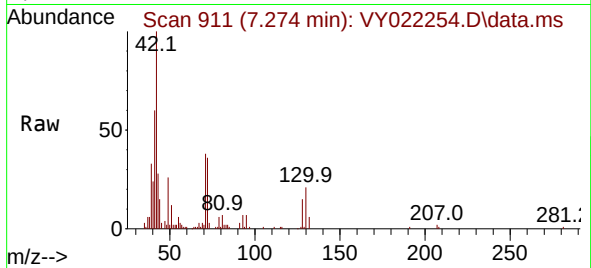
Tgt Ion: 42 Resp: 30684

Ion	Ratio	Lower	Upper
42	100		
72	39.9	33.8	50.6
71	39.0	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#30

Chloroform

Concen: 10.163 ug/l

RT: 7.421 min Scan# 935

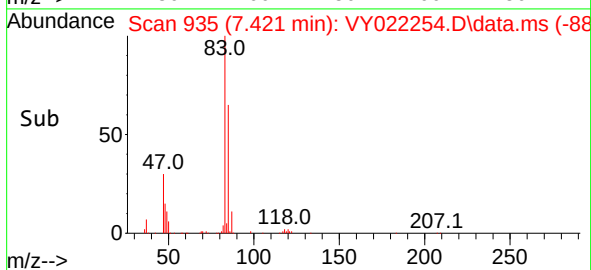
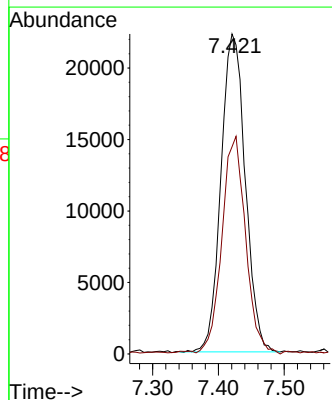
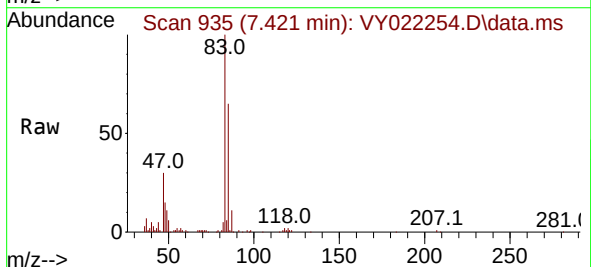
Delta R.T. -0.000 min

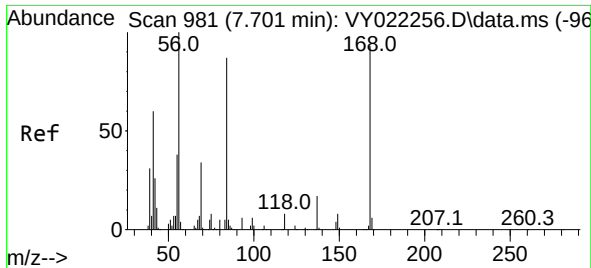
Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion: 83 Resp: 57172

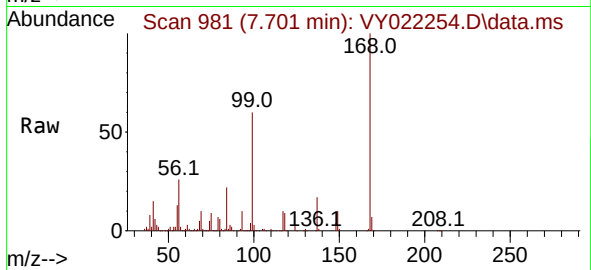
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8





#31
Cyclohexane
Concen: 10.778 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

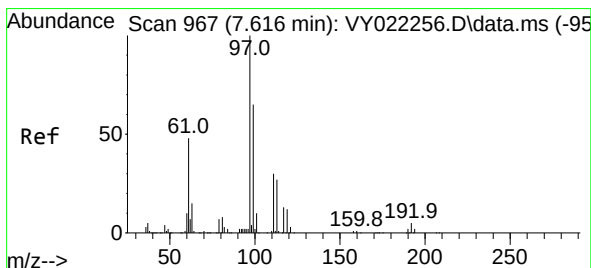
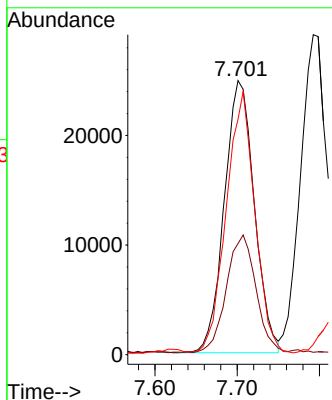
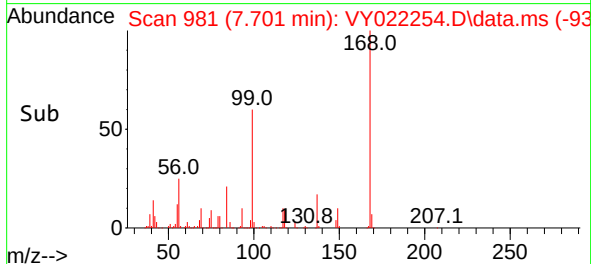
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



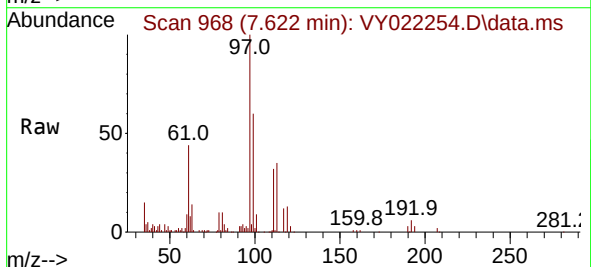
Tgt Ion: 56 Resp: 6315
Ion Ratio Lower Upper
56 100
69 39.9 27.4 41.2
84 84.7 70.0 105.0

Manual Integrations
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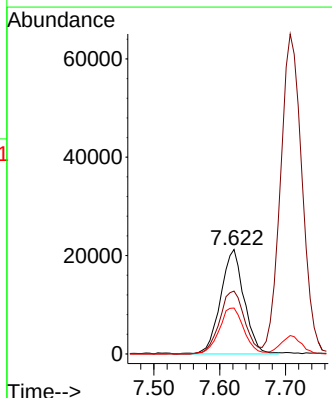
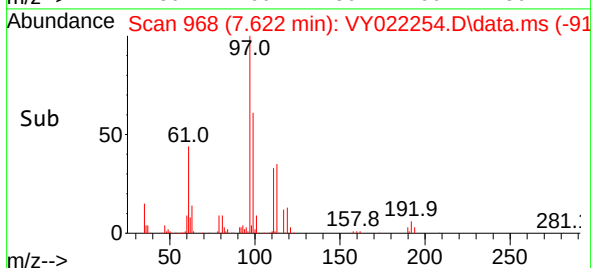
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

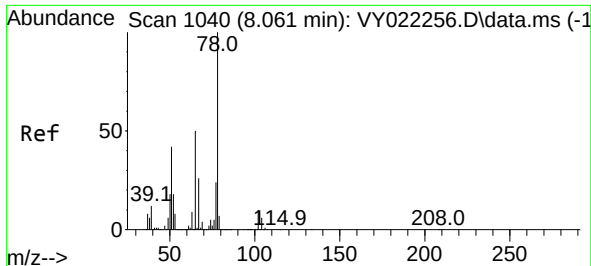


#32
1,1,1-Trichloroethane
Concen: 10.242 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion: 97 Resp: 52856
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 46.0 38.1 57.1





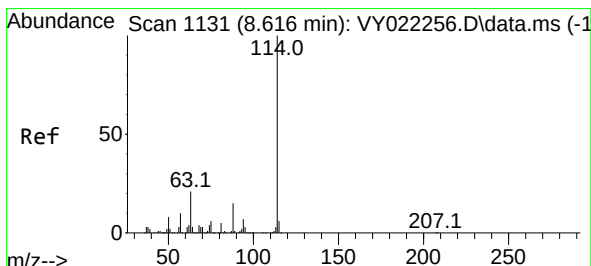
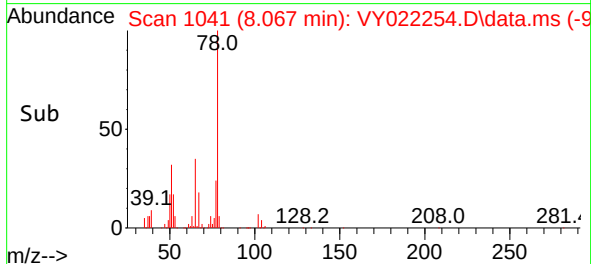
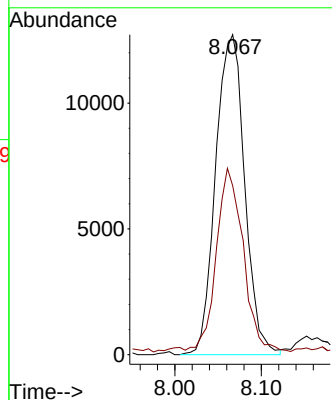
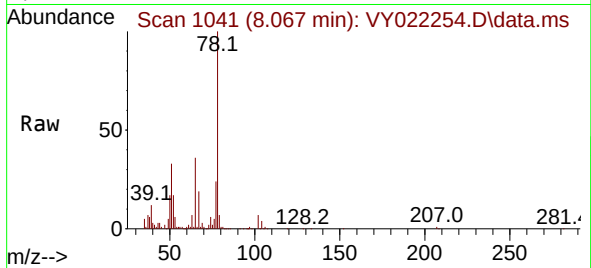
#33
1,2-Dichloroethane-d4
Concen: 10.222 ug/l
RT: 8.067 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 29608
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.6

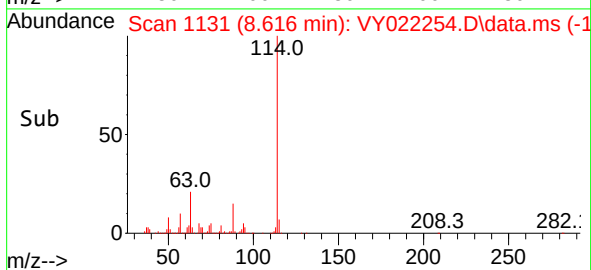
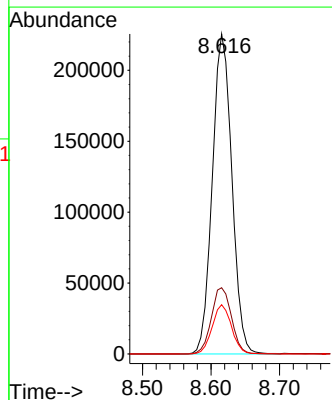
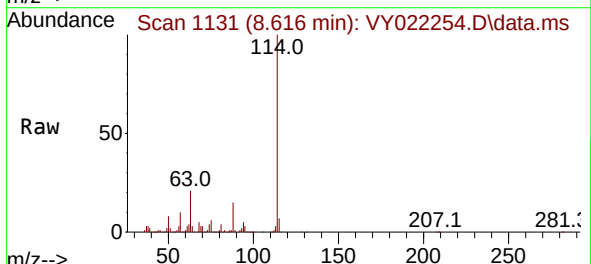
Manual Integrations
APPROVED

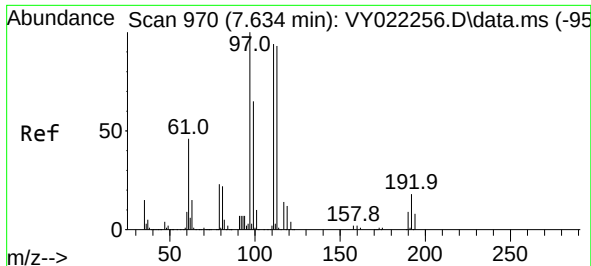
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

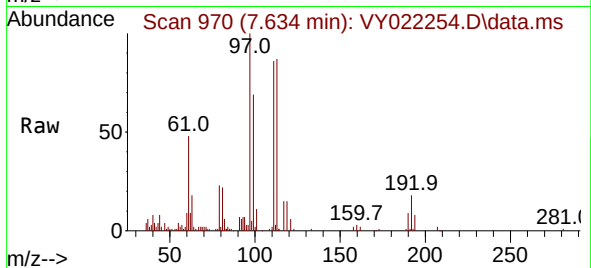
Tgt Ion:114 Resp: 446109
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.0
88 15.4 0.0 29.4





#35
Dibromofluoromethane
Concen: 9.856 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

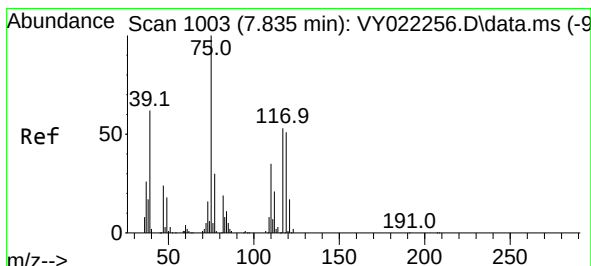
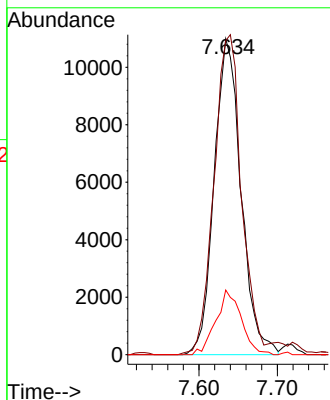
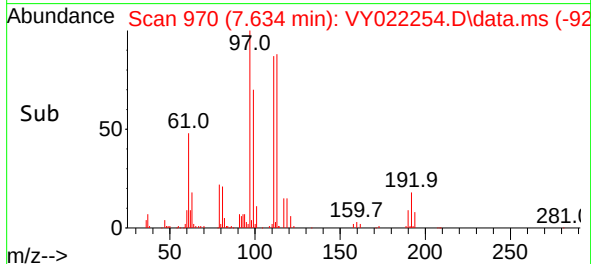
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



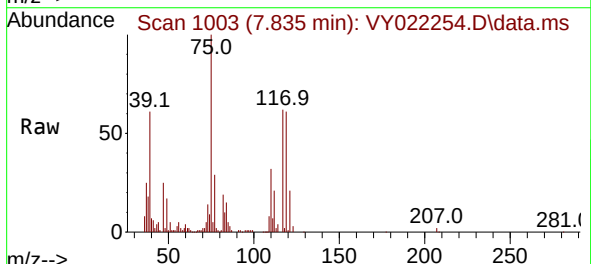
Tgt Ion: 113 Resp: 2624
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 19.3 15.2 22.8

Manual Integrations
APPROVED

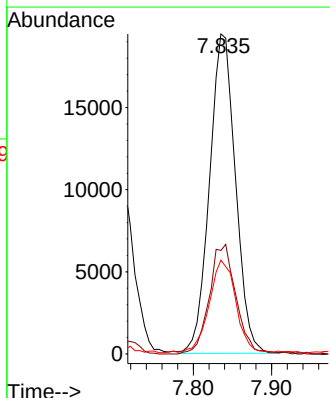
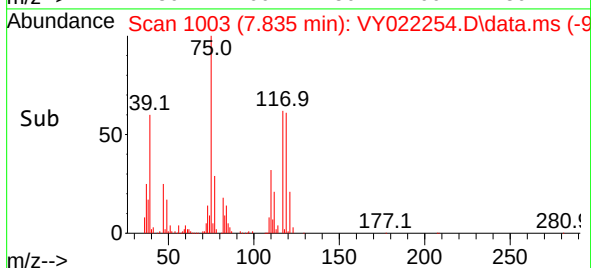
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

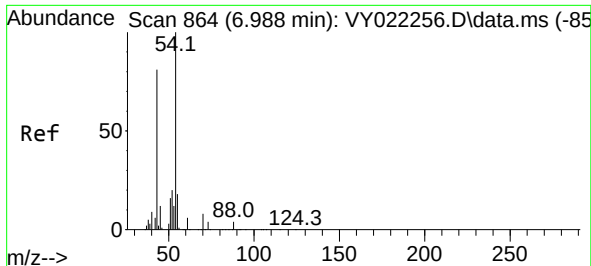


#36
1,1-Dichloropropene
Concen: 10.219 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion: 75 Resp: 44817
Ion Ratio Lower Upper
75 100
110 35.1 16.6 49.8
77 29.8 24.6 37.0





#37

Ethyl Acetate

Concen: 9.774 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

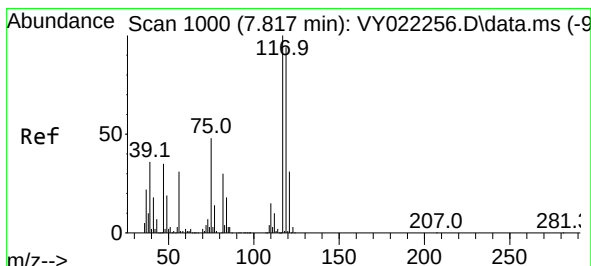
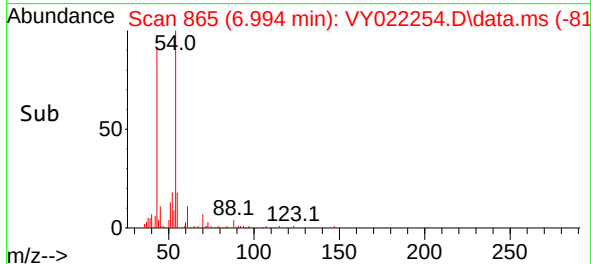
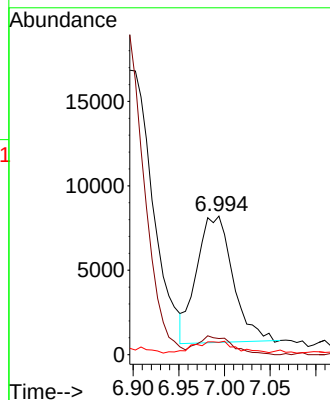
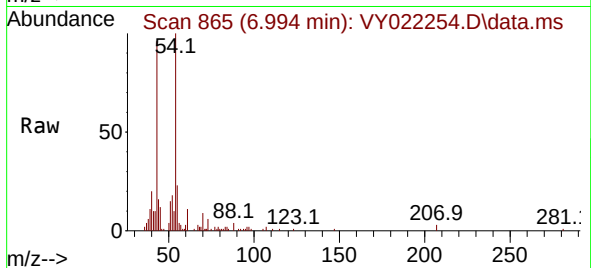
Tgt Ion: 43 Resp: 20624

Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.2	15.2
70	10.6	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#38

Carbon Tetrachloride

Concen: 10.303 ug/l

RT: 7.817 min Scan# 1000

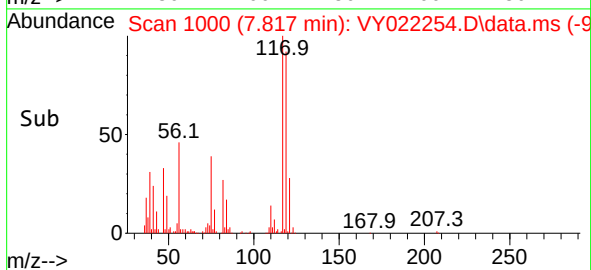
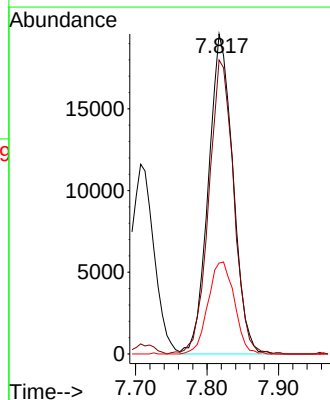
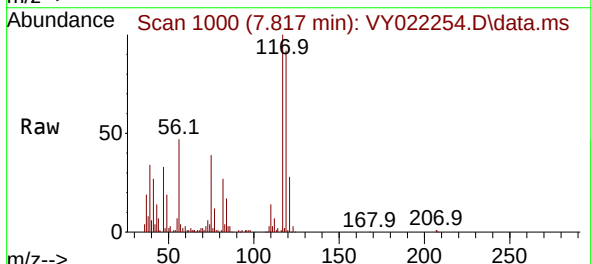
Delta R.T. -0.000 min

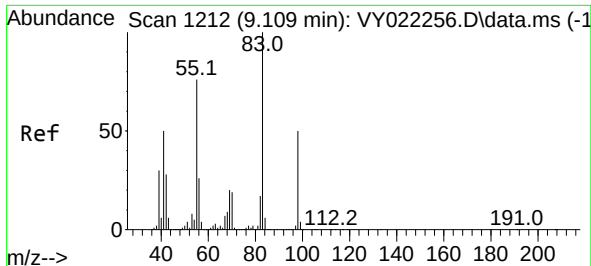
Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion:117 Resp: 46772

Ion	Ratio	Lower	Upper
117	100		
119	91.4	75.3	112.9
121	28.4	24.7	37.1





#39

Methylcyclohexane

Concen: 10.266 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

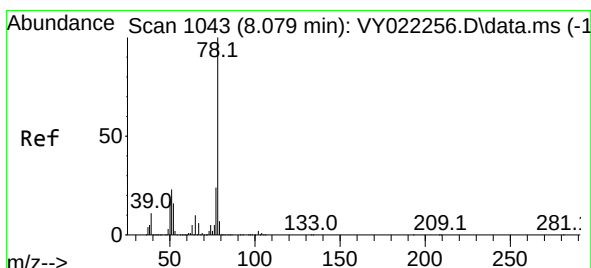
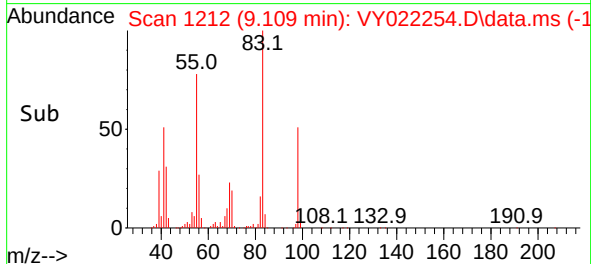
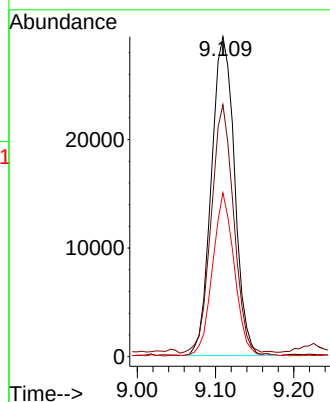
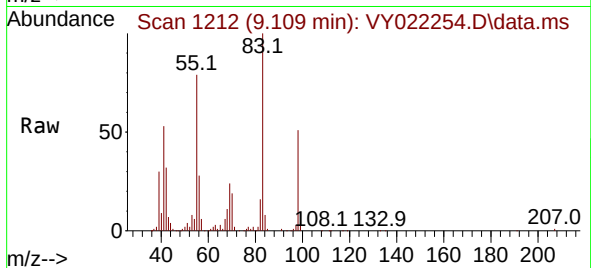
VSTDICC010

Tgt Ion: 83	Resp: 60489
Ion Ratio	Lower Upper
83 100	
55 77.9	60.6 90.8
98 51.1	40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#40

Benzene

Concen: 10.032 ug/l

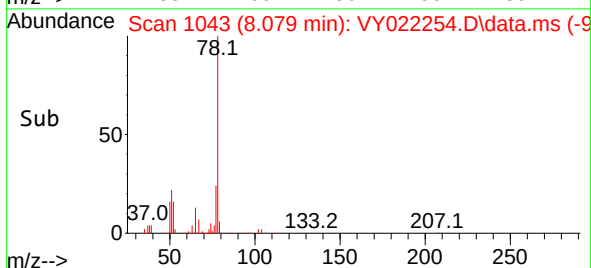
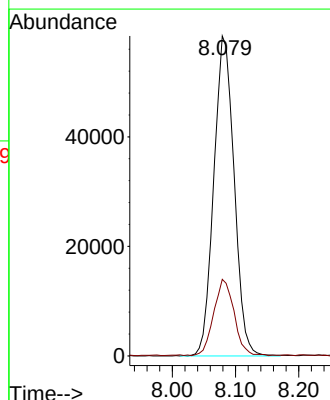
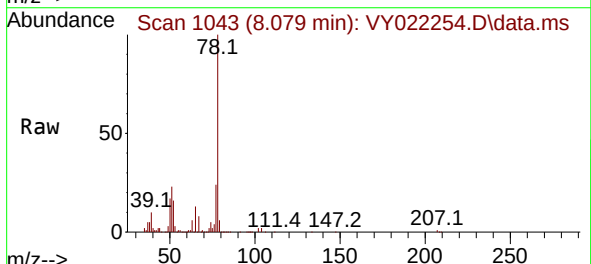
RT: 8.079 min Scan# 1043

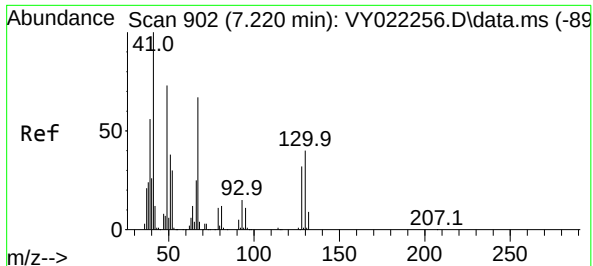
Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

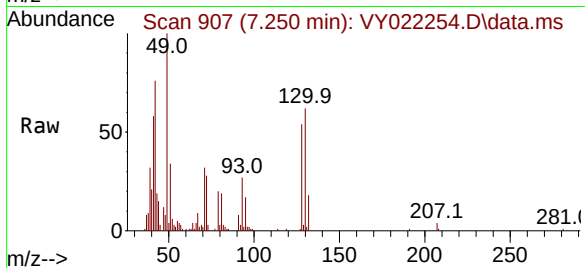
Tgt Ion: 78	Resp: 130423
Ion Ratio	Lower Upper
78 100	
77 23.7	18.9 28.3





#41
Methacrylonitrile
Concen: 10.510 ug/l m
RT: 7.250 min Scan# 902
Delta R.T. 0.030 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

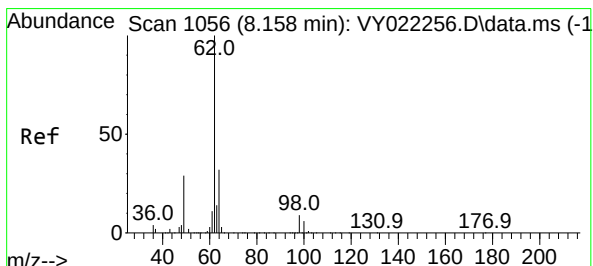
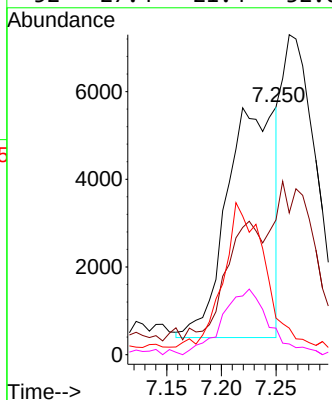
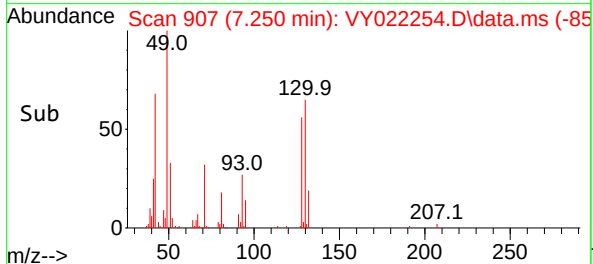
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:	41	Resp:	16228
Ion Ratio	100	Lower	Upper
39	38.5	39.1	58.7
67	54.4	47.1	70.7
52	27.4	21.4	32.0

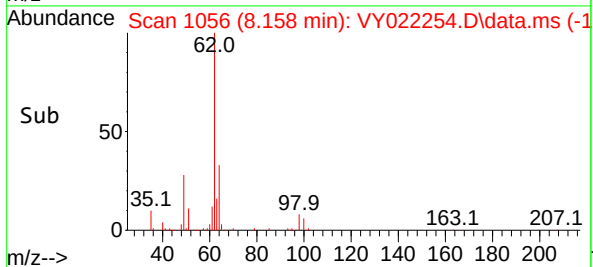
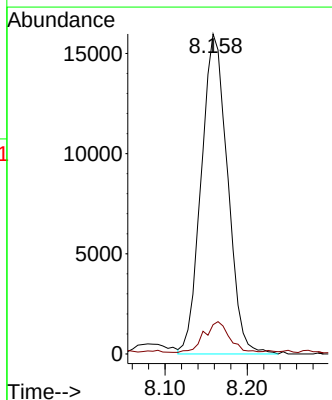
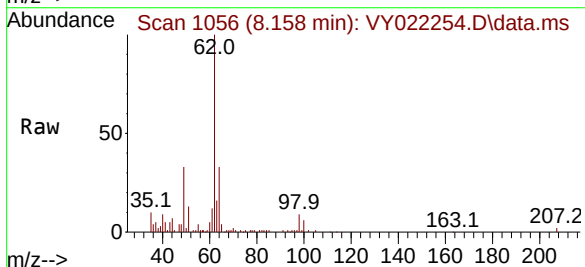
Manual Integrations
APPROVED

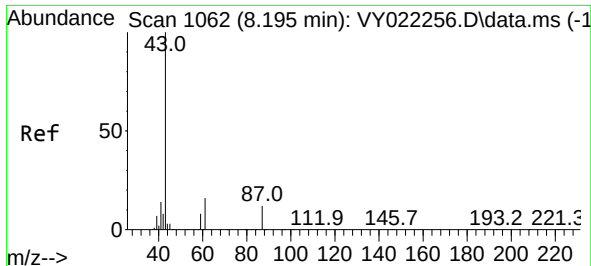
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 10.115 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

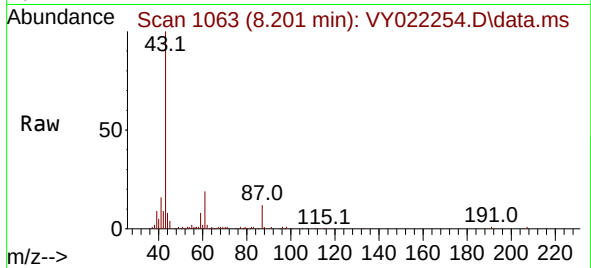
Tgt Ion:	62	Resp:	35565
Ion Ratio	100	Lower	Upper
98	9.2	0.0	18.4





#43
Isopropyl Acetate
Concen: 10.217 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

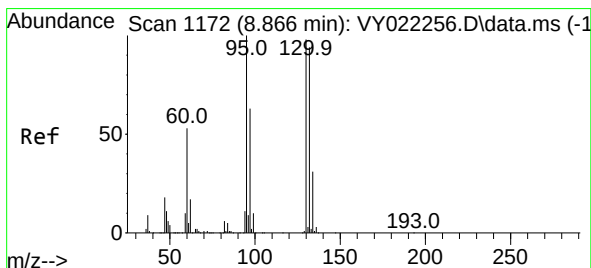
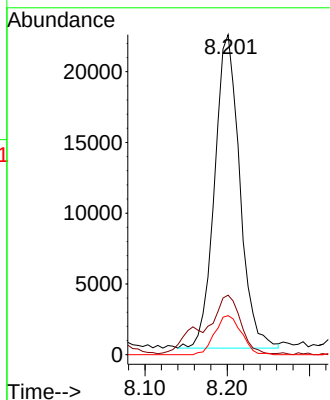
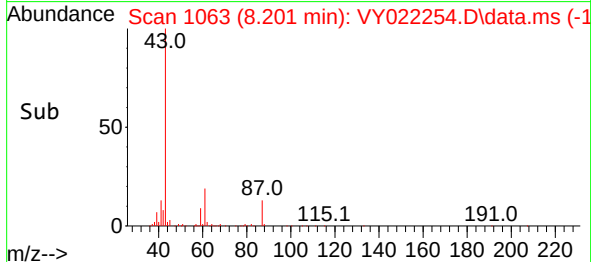
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 47020
Ion Ratio Lower Upper
43 100
61 19.6 15.1 22.7
87 13.1 9.7 14.5

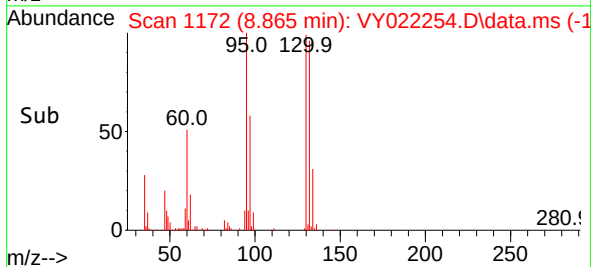
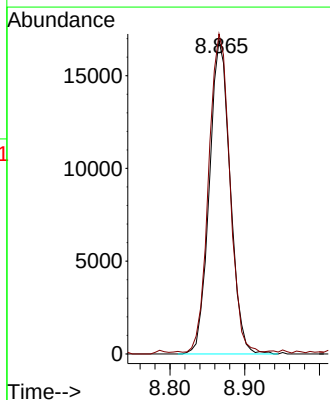
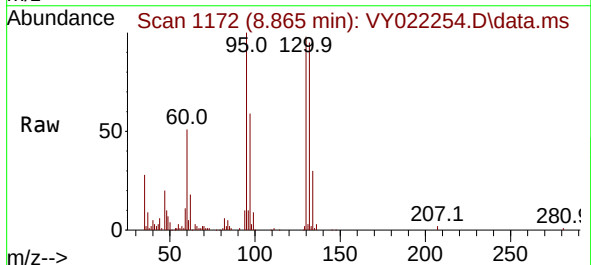
Manual Integrations
APPROVED

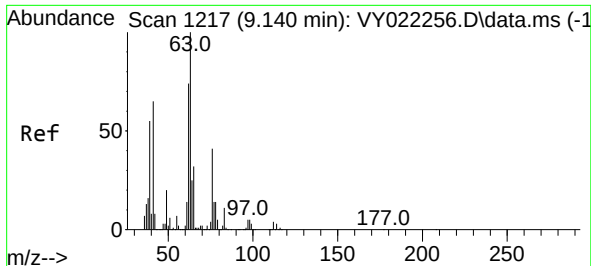
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#44
Trichloroethene
Concen: 10.101 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion:130 Resp: 32655
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 10.264 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 3217

Ion Ratio Lower Upper

63 100

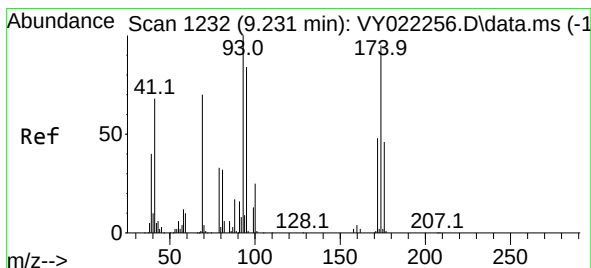
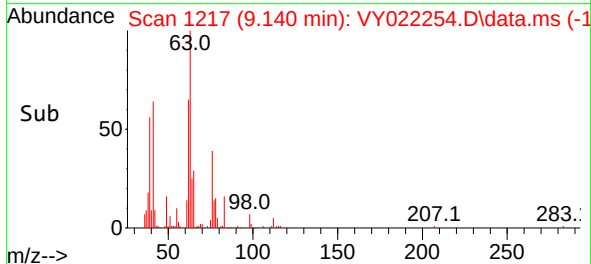
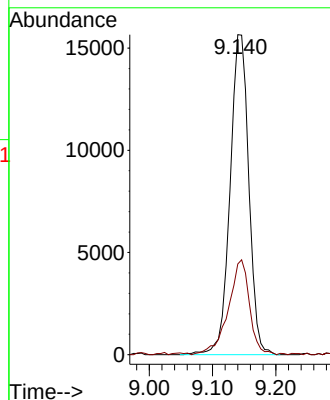
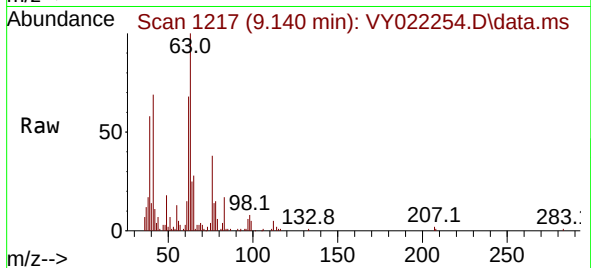
65 28.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 10.135 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

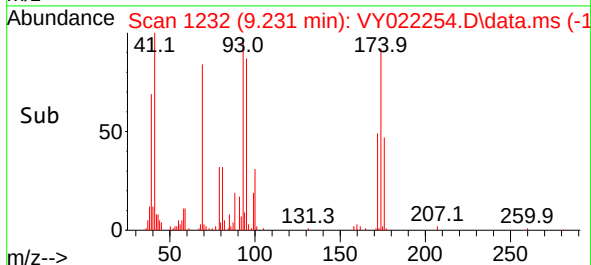
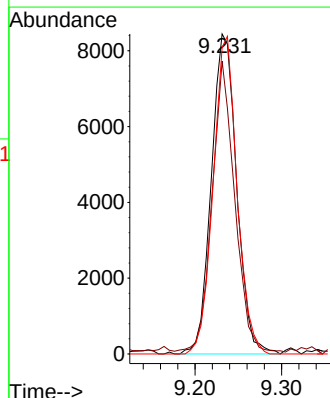
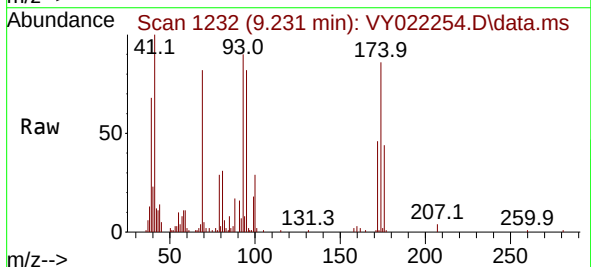
Tgt Ion: 93 Resp: 17134

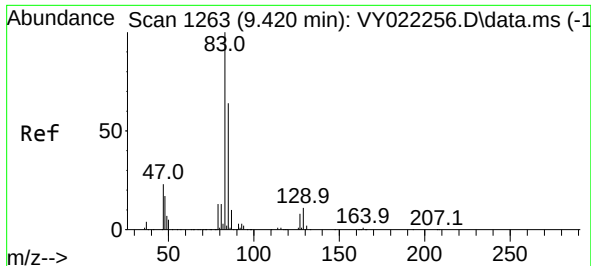
Ion Ratio Lower Upper

93 100

95 82.1 65.2 97.8

174 93.7 74.3 111.5





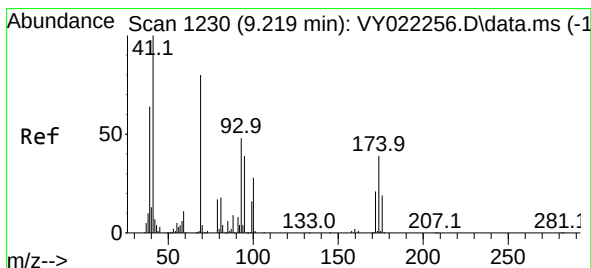
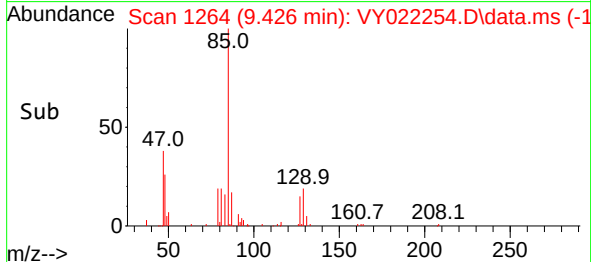
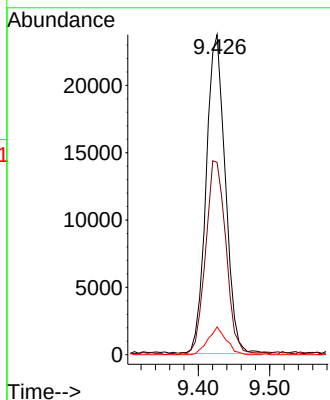
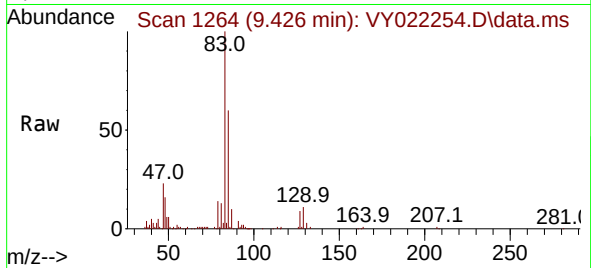
#47
Bromodichloromethane
Concen: 10.042 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 4404
Ion Ratio Lower Upper
83 100
85 60.3 51.1 76.7
127 8.7 6.6 10.0

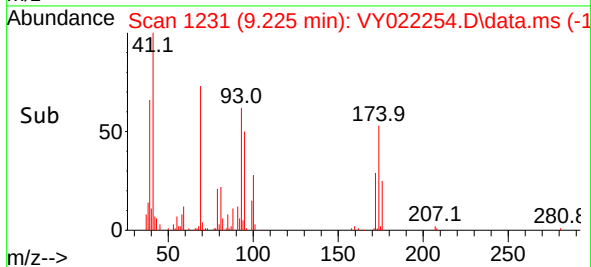
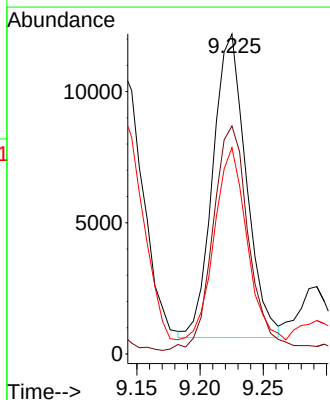
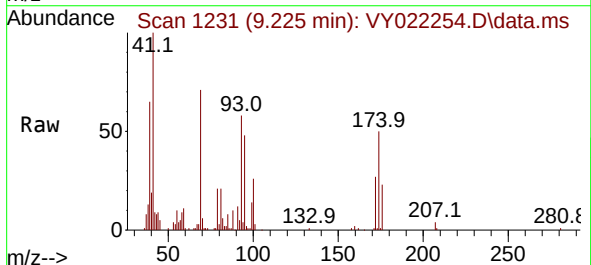
Manual Integrations
APPROVED

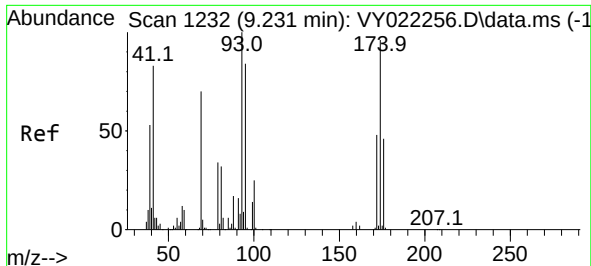
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48
Methyl methacrylate
Concen: 9.851 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 41 Resp: 21202
Ion Ratio Lower Upper
41 100
69 80.5 63.5 95.3
39 62.0 50.8 76.2





#49

1,4-Dioxane

Concen: 205.769 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

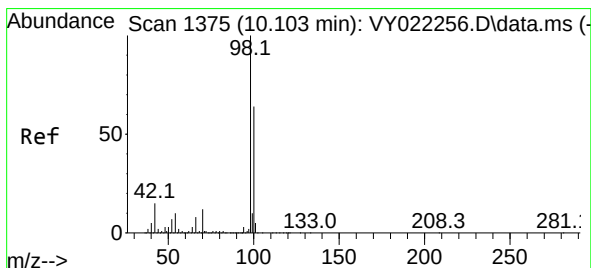
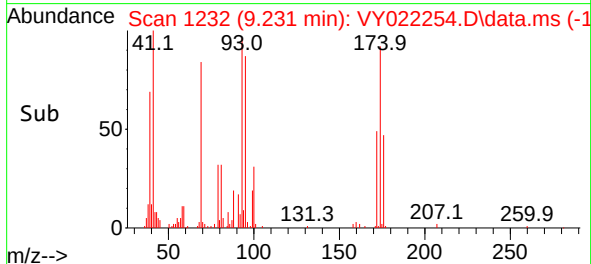
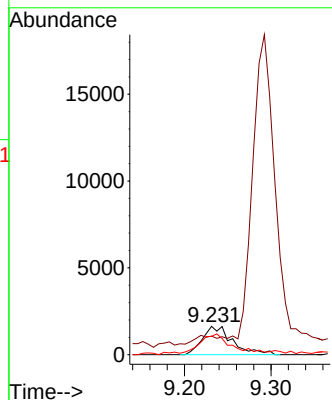
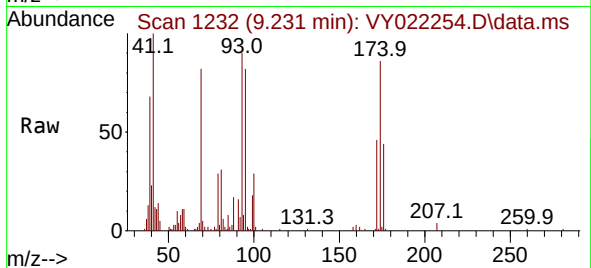
Tgt Ion: 88 Resp: 3930

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.5	42.7
58	84.5	61.4	92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#50

Toluene-d8

Concen: 9.816 ug/l

RT: 10.109 min Scan# 1376

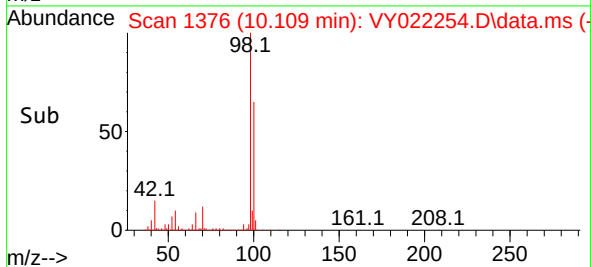
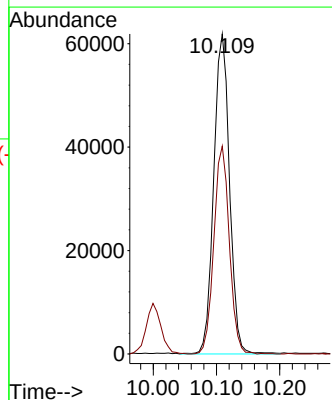
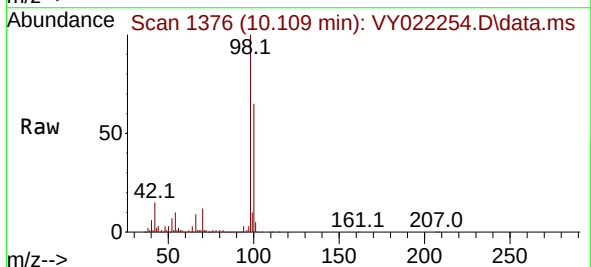
Delta R.T. 0.006 min

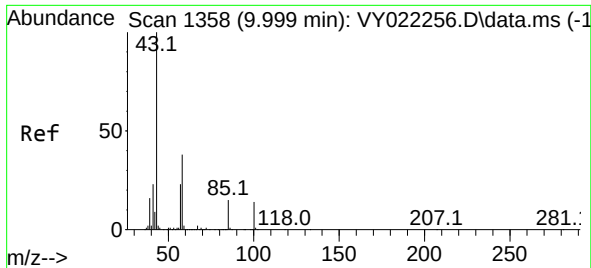
Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion: 98 Resp: 107048

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.8	77.8





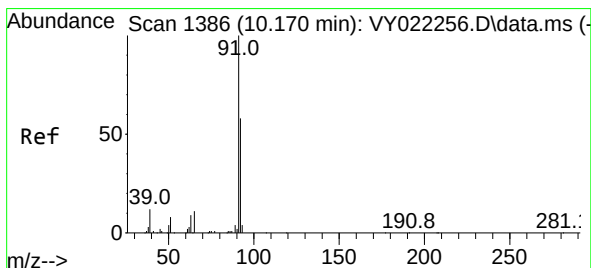
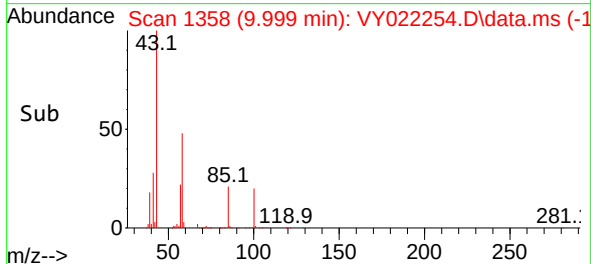
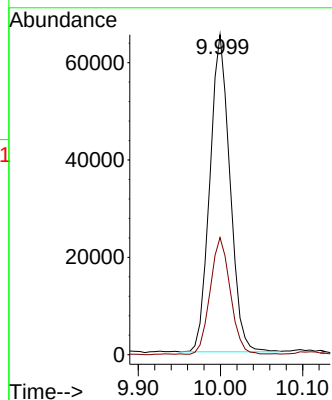
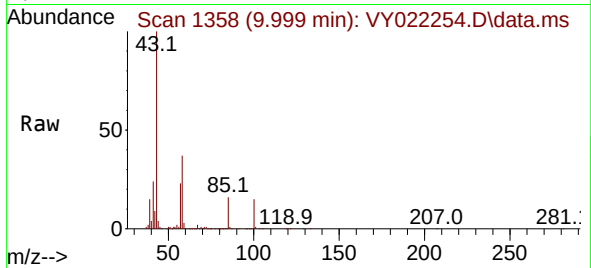
#51
4-Methyl-2-Pentanone
Concen: 48.889 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 110390
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.2

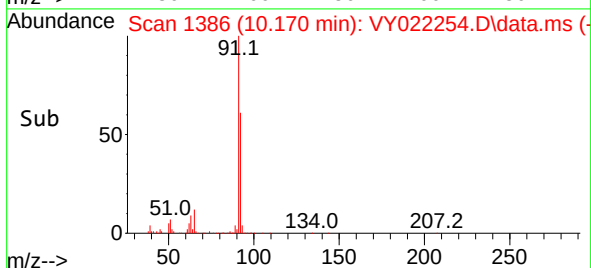
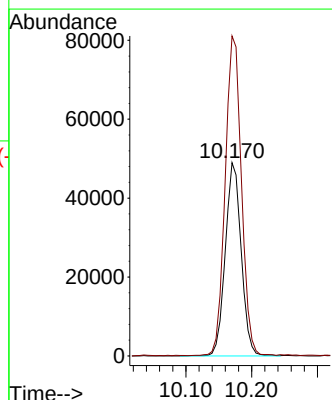
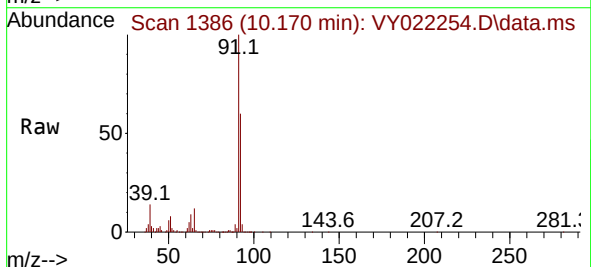
Manual Integrations
APPROVED

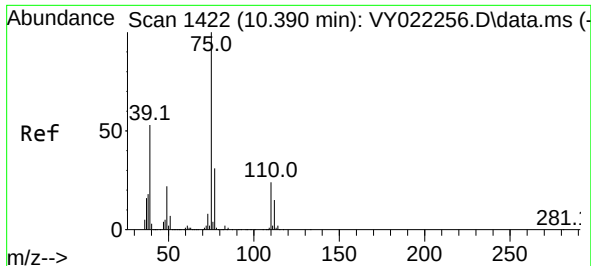
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 10.015 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

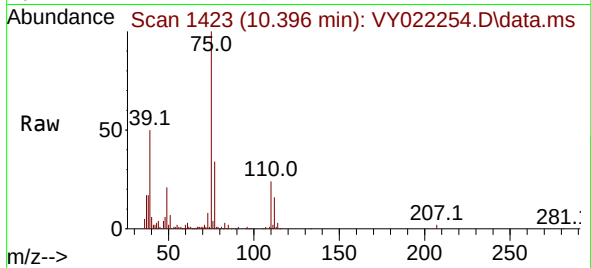
Tgt Ion: 92 Resp: 82453
Ion Ratio Lower Upper
92 100
91 168.8 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 9.849 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

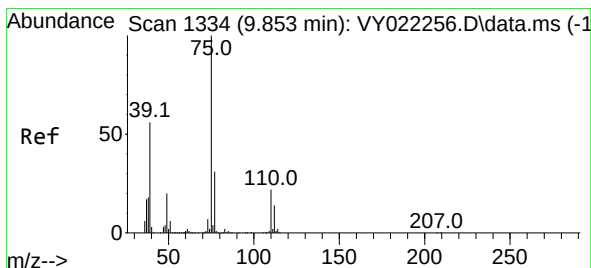
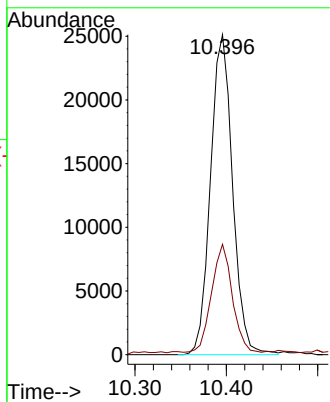
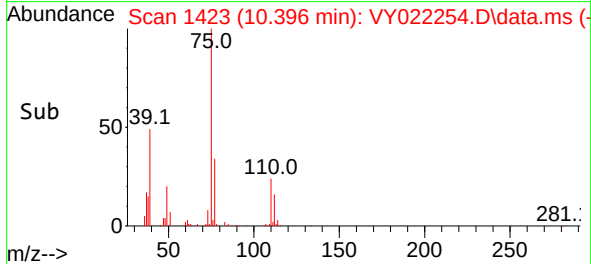
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 42158
Ion Ratio Lower Upper
75 100
77 33.5 25.0 37.6

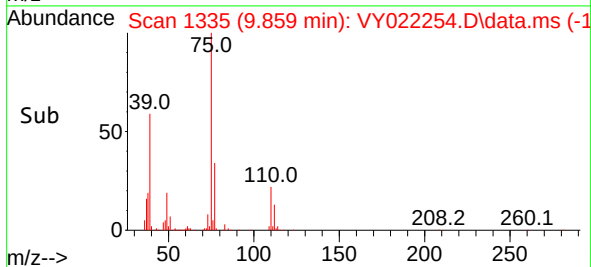
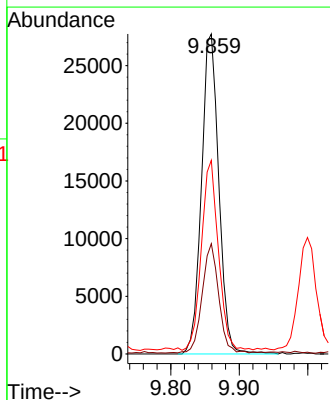
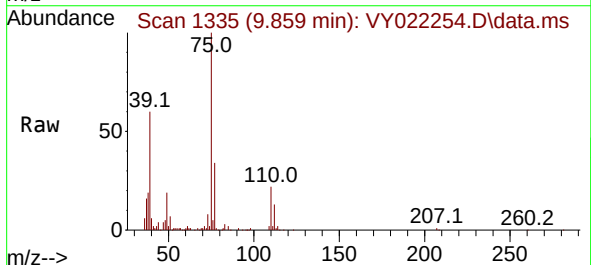
Manual Integrations
APPROVED

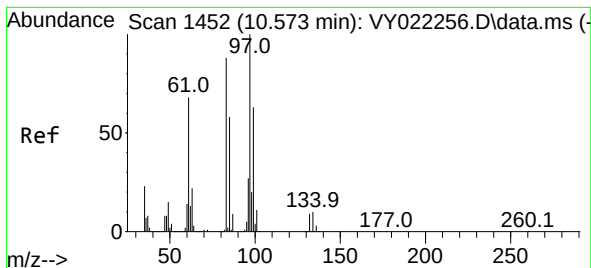
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 9.976 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

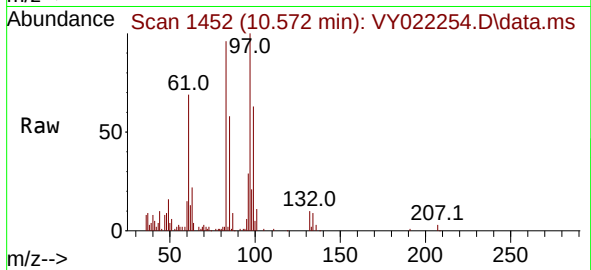
Tgt Ion: 75 Resp: 48923
Ion Ratio Lower Upper
75 100
77 34.1 25.1 37.7
39 58.7 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 10.033 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument : MSVOA_Y
ClientSampleId : VSTDIC010

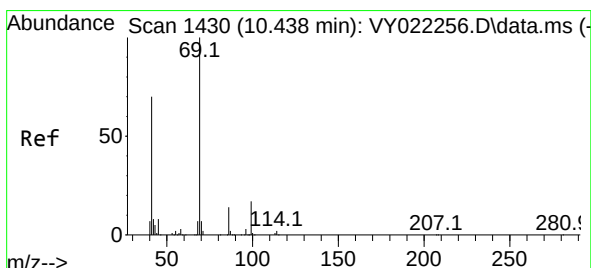
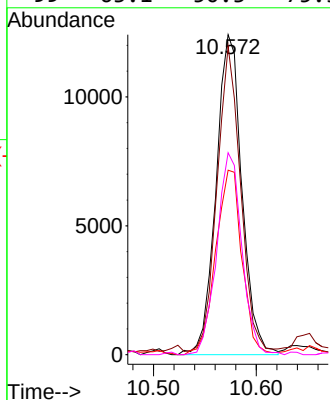
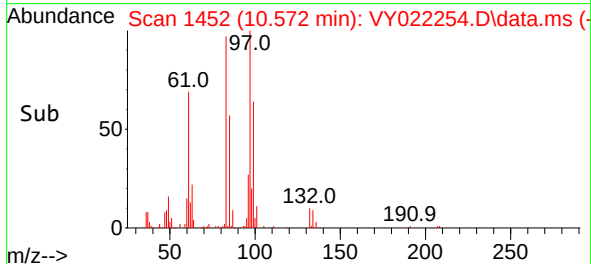


Tgt Ion: 97 Resp: 21720

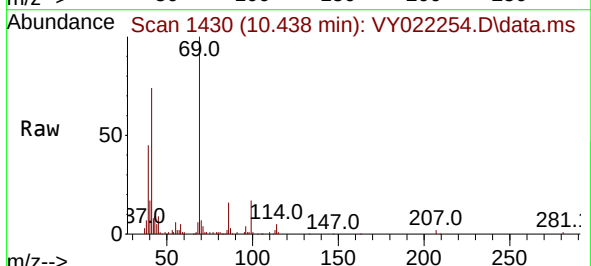
Ion	Ratio	Lower	Upper
97	100		
83	94.5	70.3	105.5
85	57.6	46.2	69.4
99	63.1	50.3	75.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

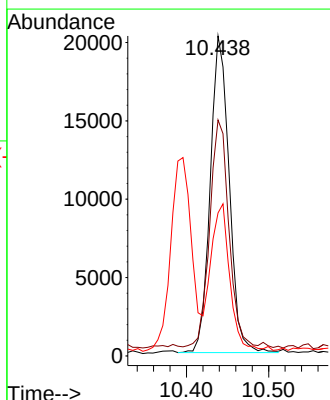
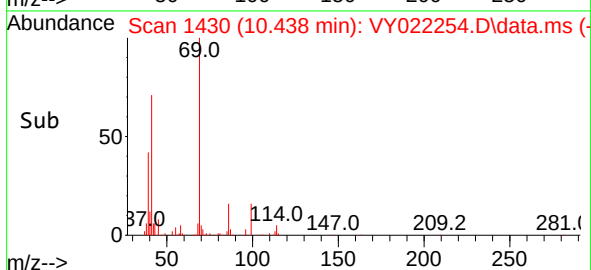


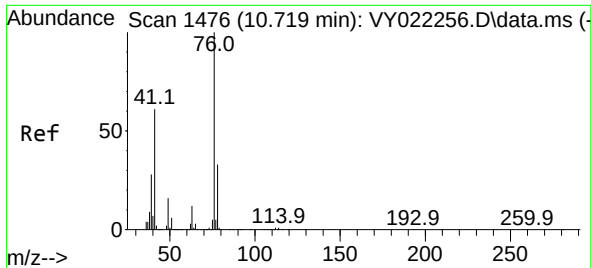
#56
Ethyl methacrylate
Concen: 9.574 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion: 69 Resp: 32286

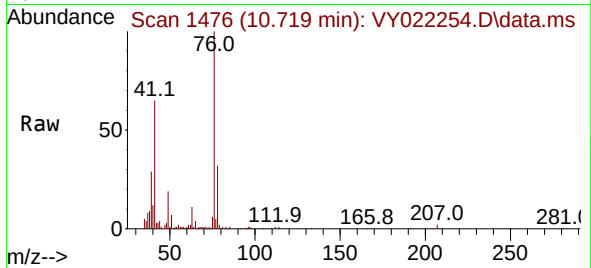
Ion	Ratio	Lower	Upper
69	100		
41	72.5	56.5	84.7
39	45.6	37.1	55.7





#57
1,3-Dichloropropane
Concen: 10.115 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

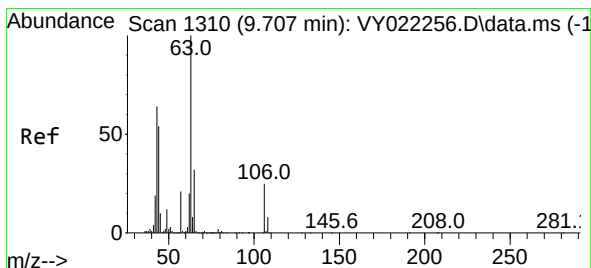
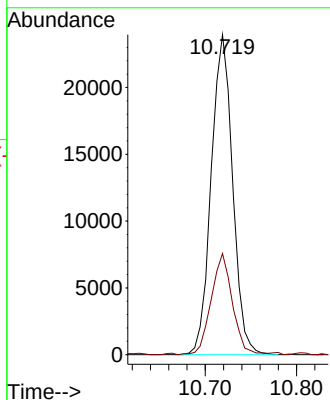
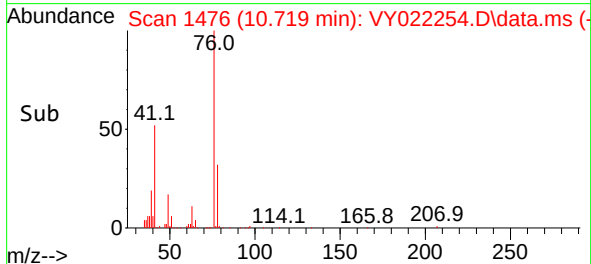
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



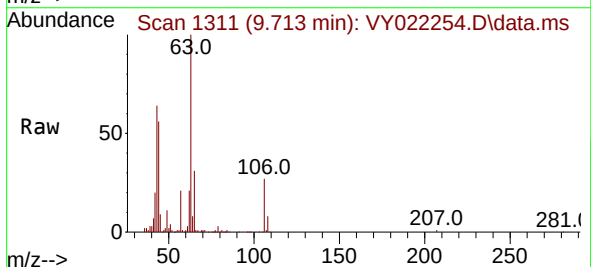
Tgt Ion: 76 Resp: 38908
Ion Ratio Lower Upper
76 100
78 31.3 25.8 38.8

Manual Integrations
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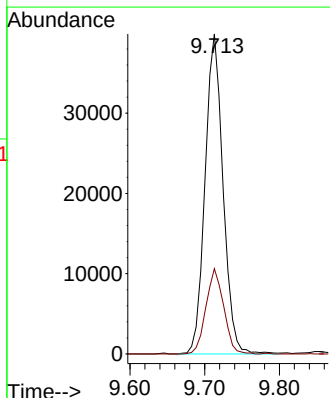
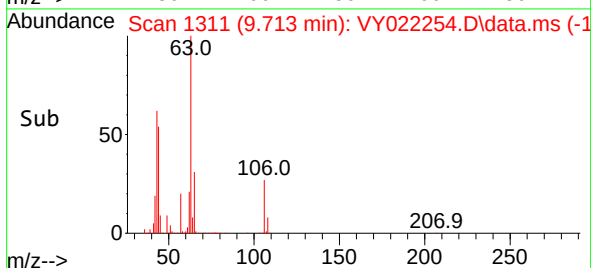
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

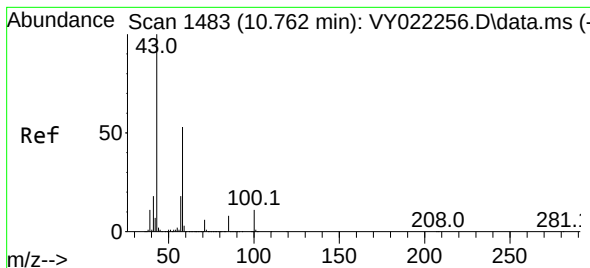


#58
2-Chloroethyl Vinyl ether
Concen: 44.066 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



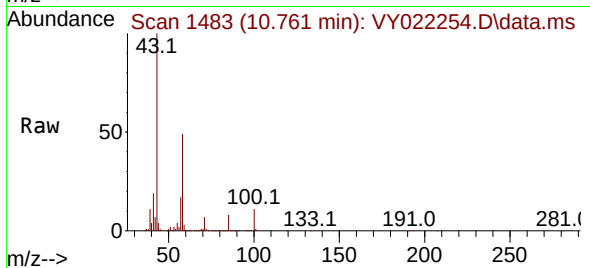
Tgt Ion: 63 Resp: 66700
Ion Ratio Lower Upper
63 100
106 26.3 21.0 31.4





#59
2-Hexanone
Concen: 49.162 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

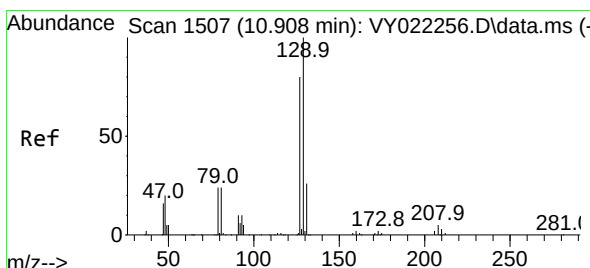
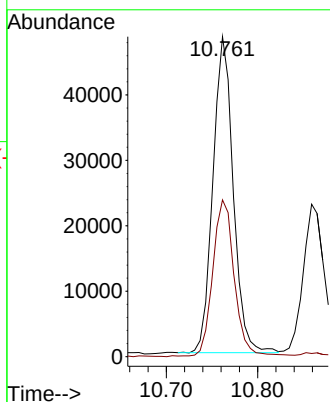
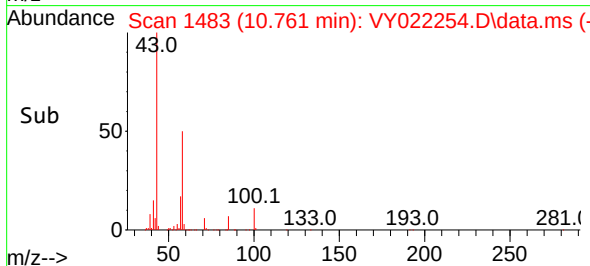
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



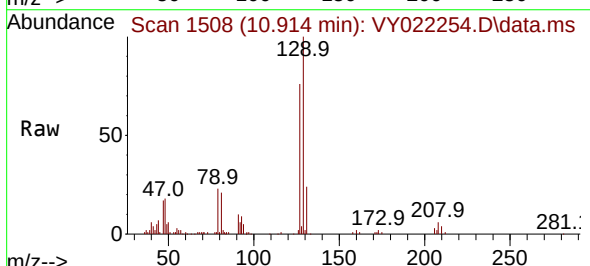
Tgt Ion: 43 Resp: 7443
Ion Ratio Lower Upper
43 100
58 53.2 26.1 78.3

Manual Integrations
APPROVED

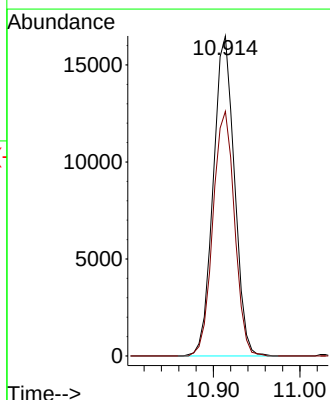
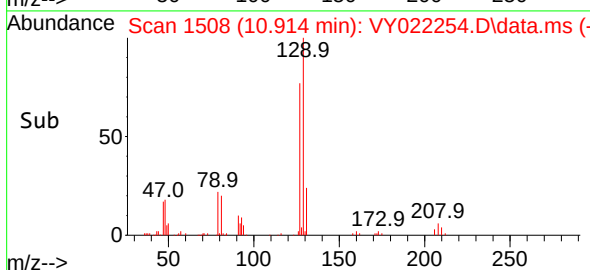
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

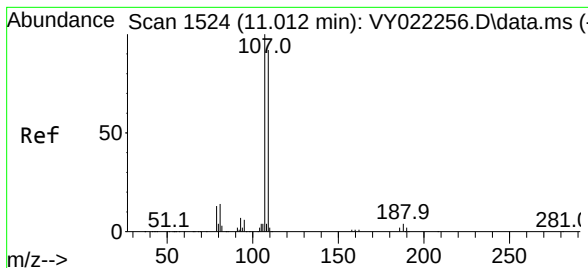


#60
Dibromochloromethane
Concen: 9.965 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



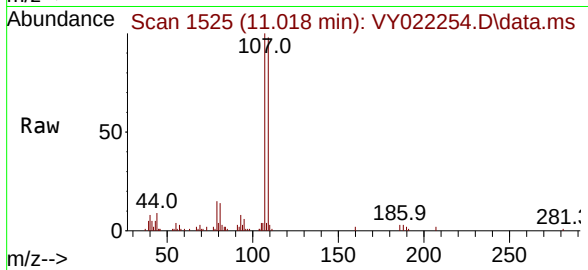
Tgt Ion:129 Resp: 28002
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 10.099 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

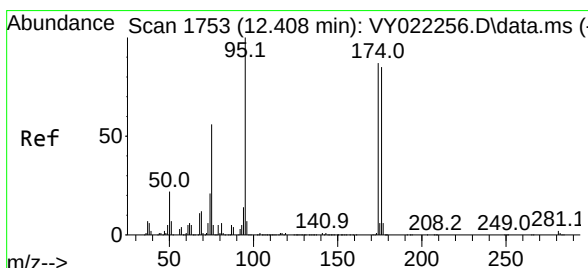
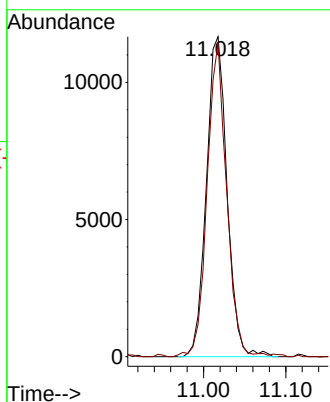
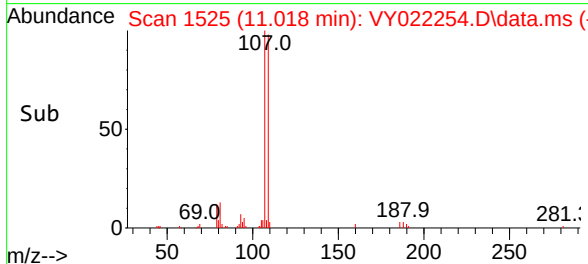
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:107 Resp: 20378
Ion Ratio Lower Upper
107 100
109 92.6 74.6 111.8

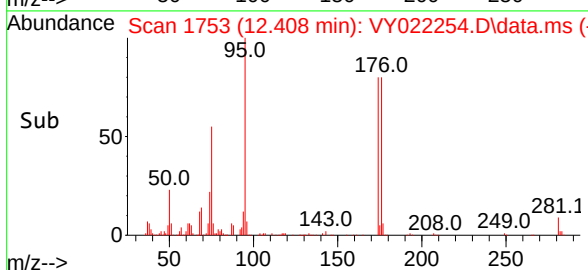
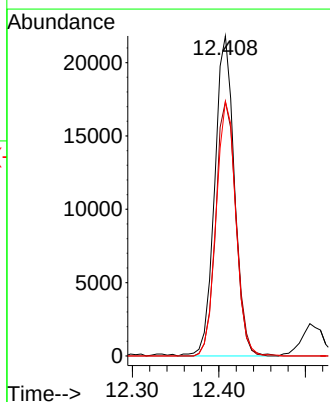
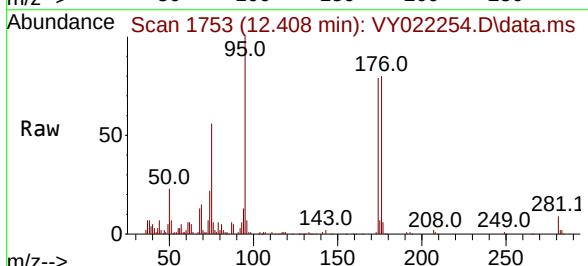
Manual Integrations
APPROVED

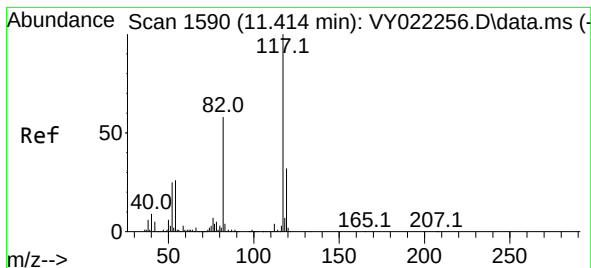
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 9.959 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

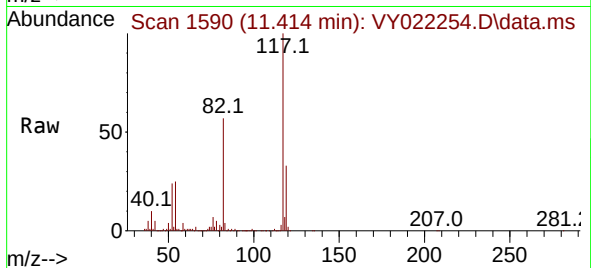
Tgt Ion: 95 Resp: 34423
Ion Ratio Lower Upper
95 100
174 81.3 0.0 166.8
176 79.7 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

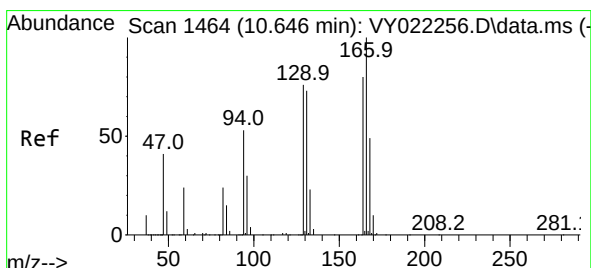
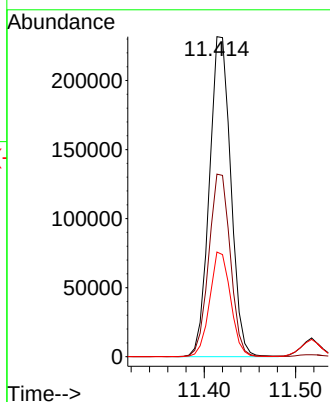
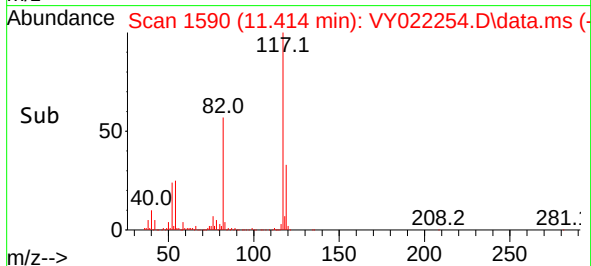
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



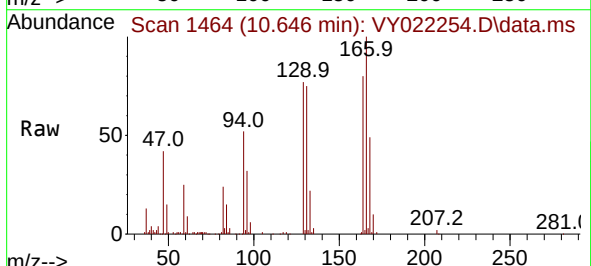
Tgt Ion:117 Resp: 37721
Ion Ratio Lower Upper
117 100
82 57.0 46.6 70.0
119 32.7 25.8 38.6

Manual Integrations
APPROVED

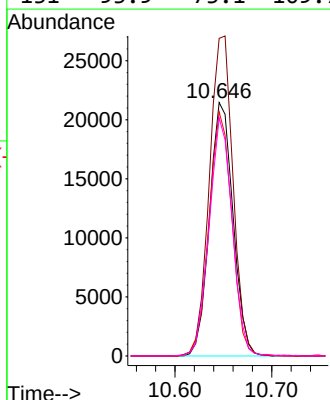
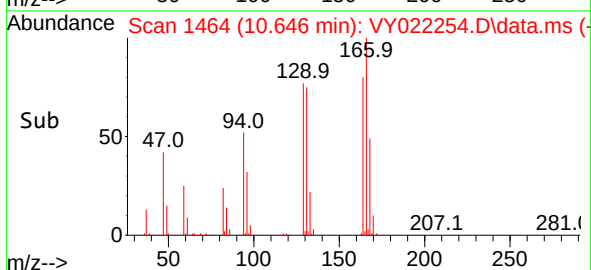
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

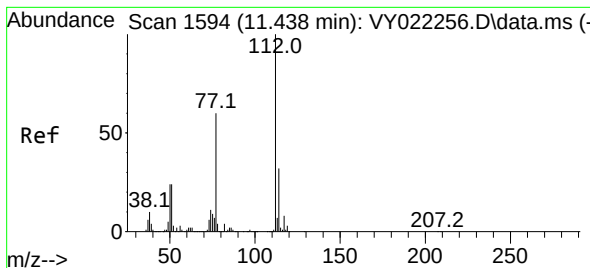


#64
Tetrachloroethene
Concen: 10.404 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion:164 Resp: 36274
Ion Ratio Lower Upper
164 100
166 125.3 100.4 150.6
129 96.3 76.4 114.6
131 93.9 73.1 109.7





#65

Chlorobenzene

Concen: 9.839 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:112 Resp: 83730

Ion Ratio Lower Upper

112 100

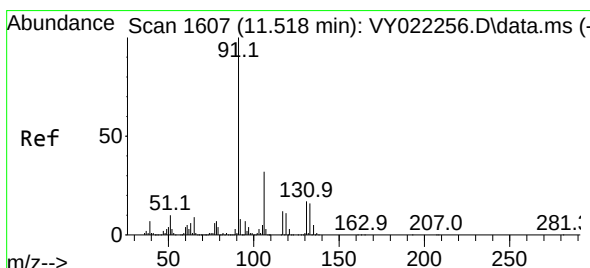
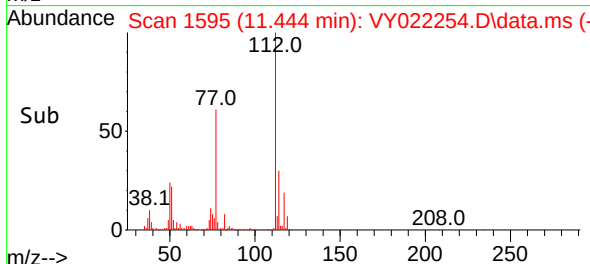
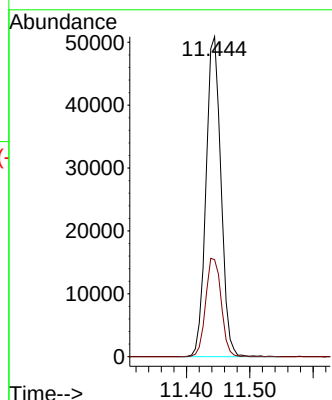
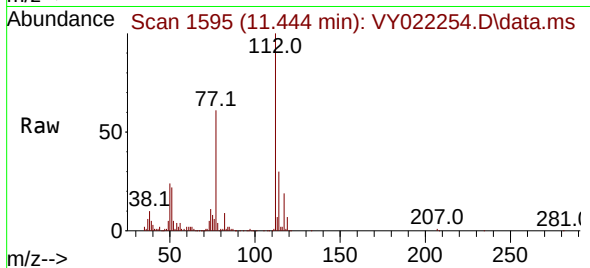
114 30.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 9.721 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

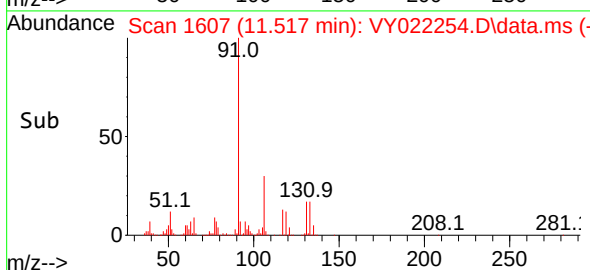
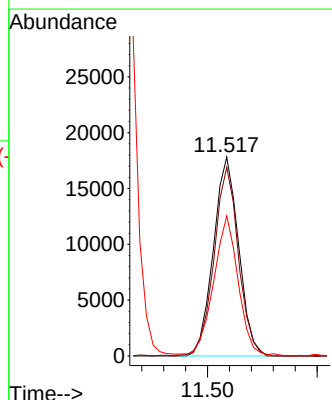
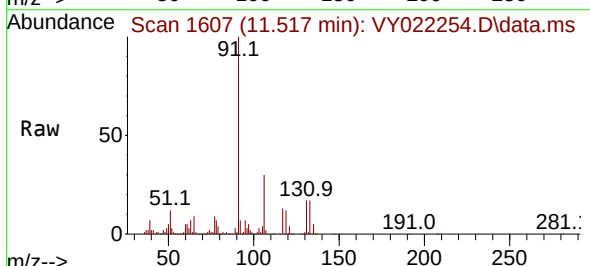
Tgt Ion:131 Resp: 28441

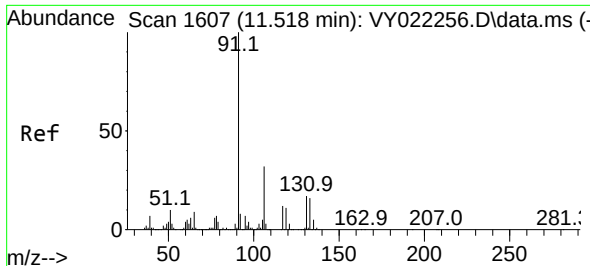
Ion Ratio Lower Upper

131 100

133 92.3 47.3 141.9

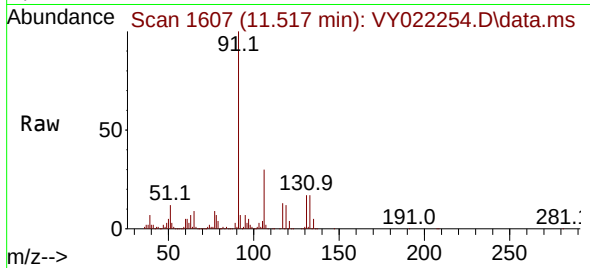
119 69.0 33.1 99.2





#67
Ethyl Benzene
Concen: 9.672 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

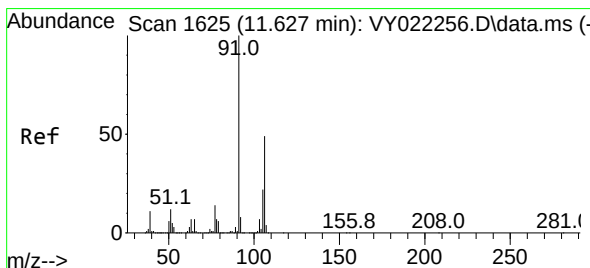
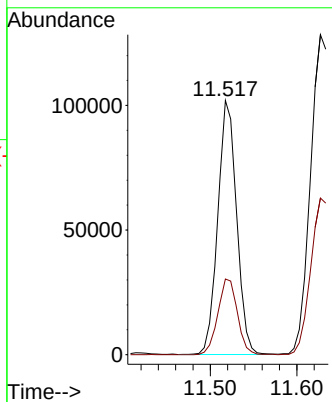
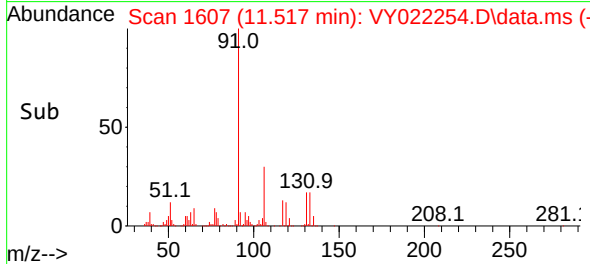
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



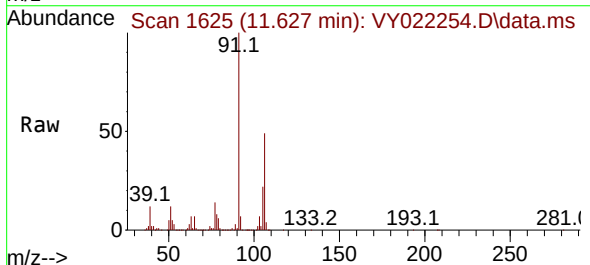
Tgt Ion: 91 Resp: 15415
Ion Ratio Lower Upper
91 100
106 29.8 25.4 38.0

Manual Integrations
APPROVED

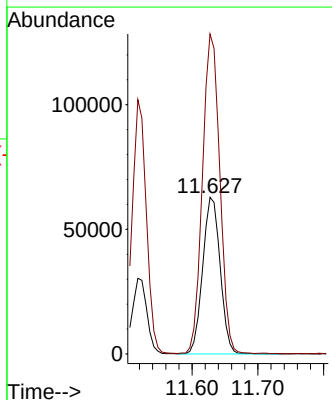
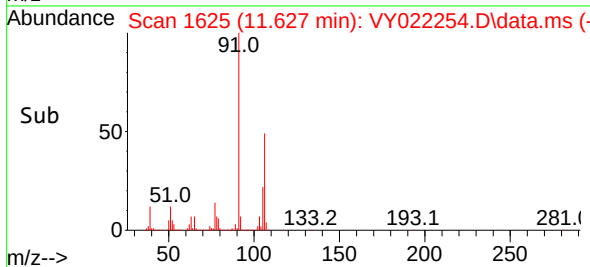
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

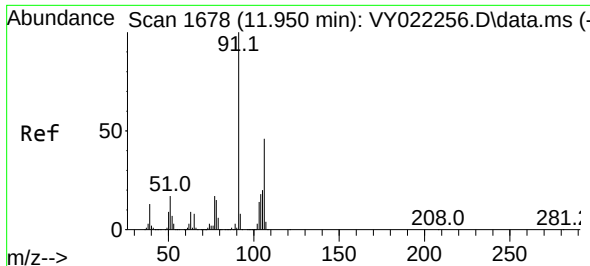


#68
m/p-Xylenes
Concen: 19.334 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion:106 Resp: 116113
Ion Ratio Lower Upper
106 100
91 202.4 163.0 244.4





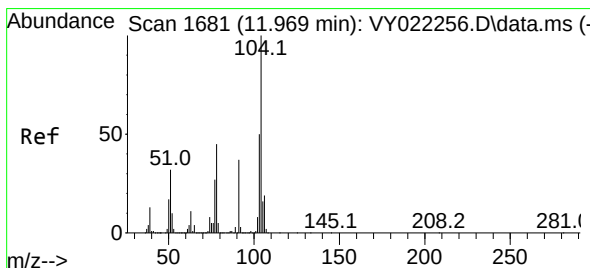
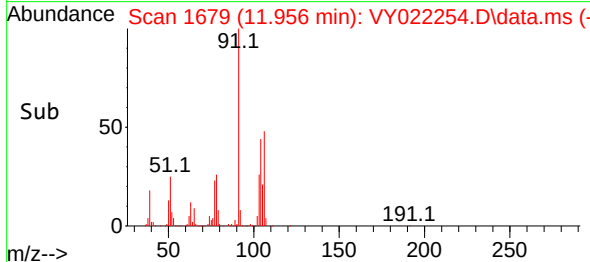
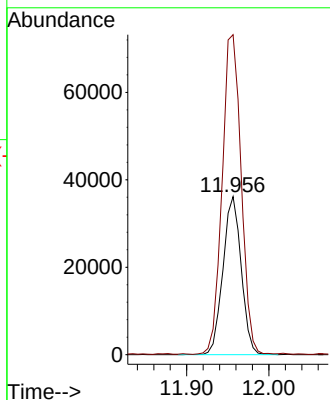
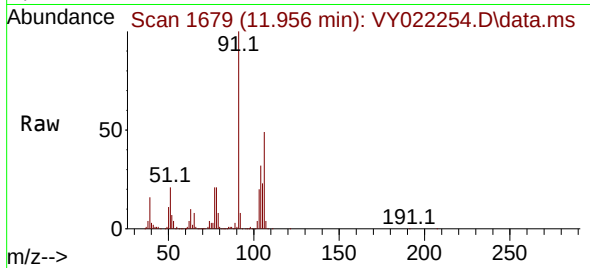
#69
o-Xylene
Concen: 9.837 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 55890
Ion Ratio Lower Upper
106 100
91 210.6 108.3 324.8

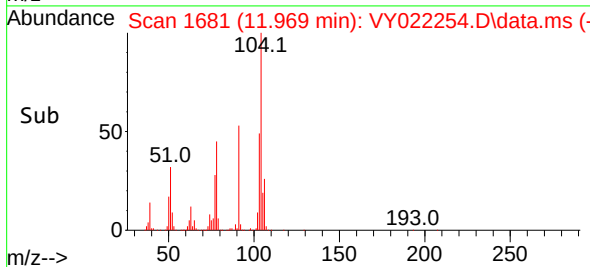
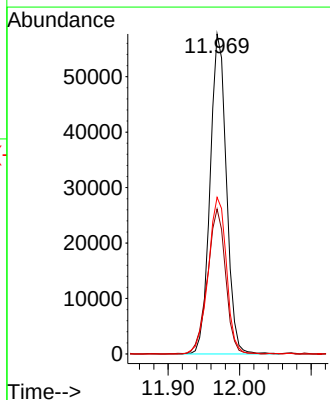
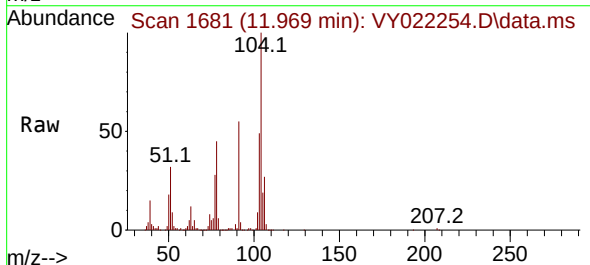
Manual Integrations
APPROVED

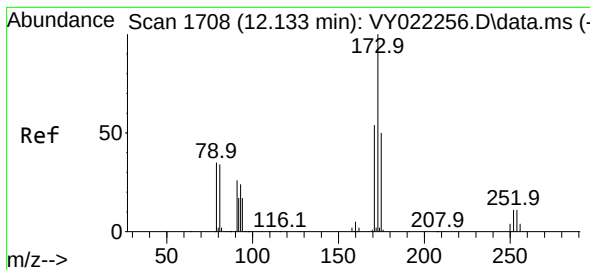
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 9.553 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion:104 Resp: 91569
Ion Ratio Lower Upper
104 100
78 50.4 40.9 61.3
103 54.7 43.7 65.5





#71

Bromoform

Concen: 10.228 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:173 Resp: 1615

Ion Ratio Lower Upper

173 100

175 45.9 24.7 74.1

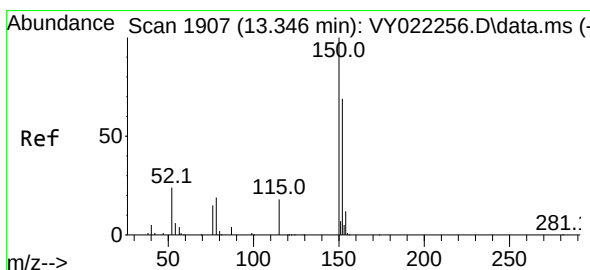
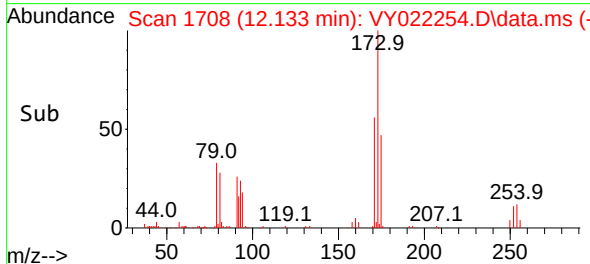
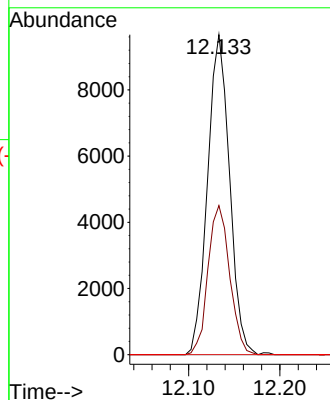
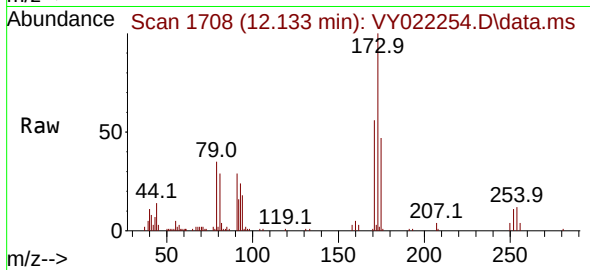
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

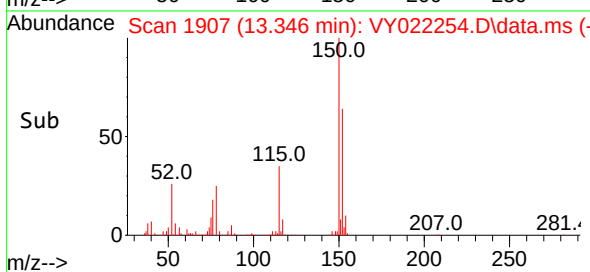
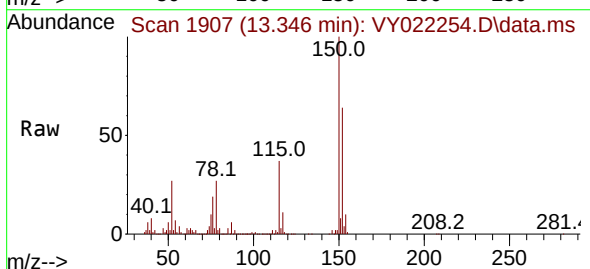
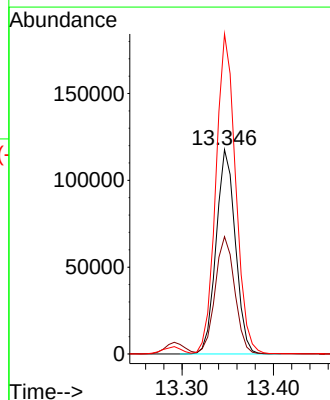
Tgt Ion:152 Resp: 171972

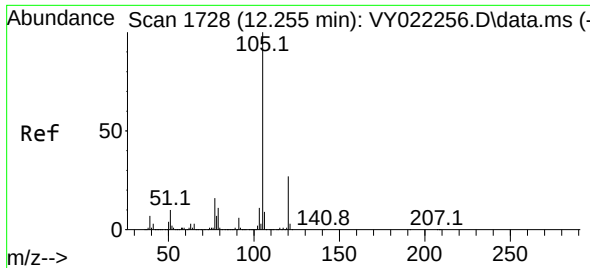
Ion Ratio Lower Upper

152 100

115 58.4 29.4 88.2

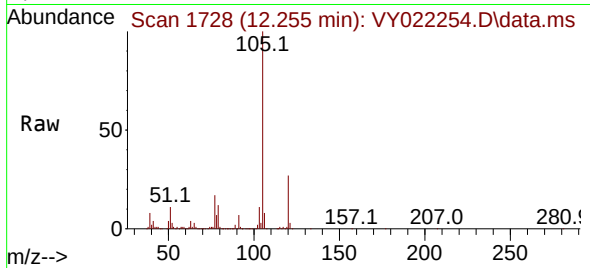
150 161.2 0.0 353.8





#73
Isopropylbenzene
Concen: 10.120 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

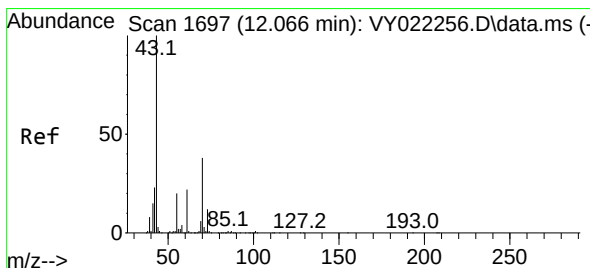
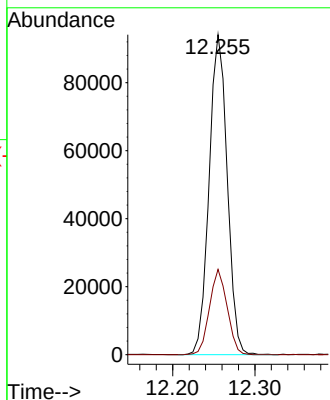
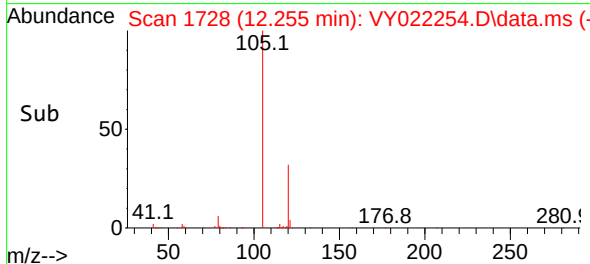
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



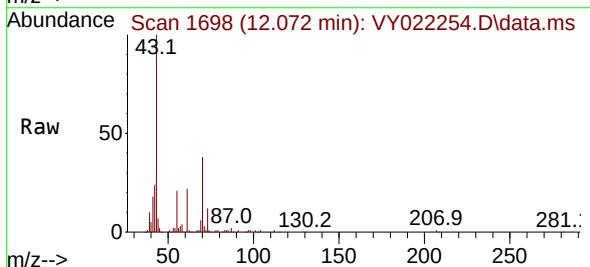
Tgt Ion:105 Resp: 144180
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6

Manual Integrations
APPROVED

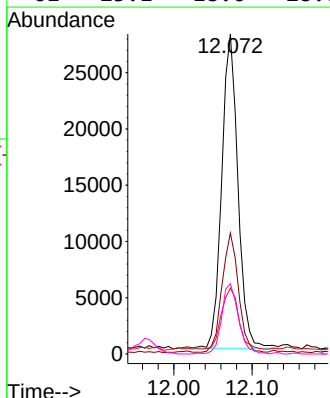
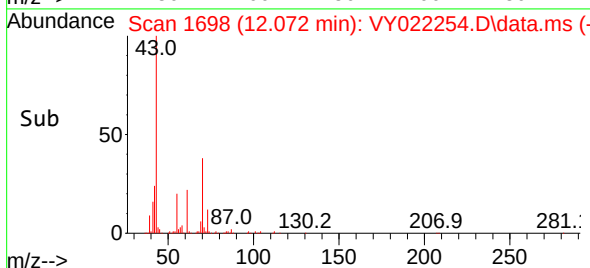
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

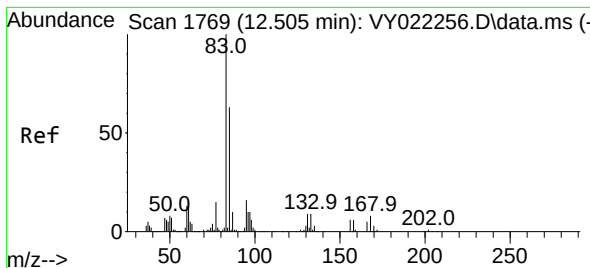


#74
N-ethyl acetate
Concen: 9.901 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



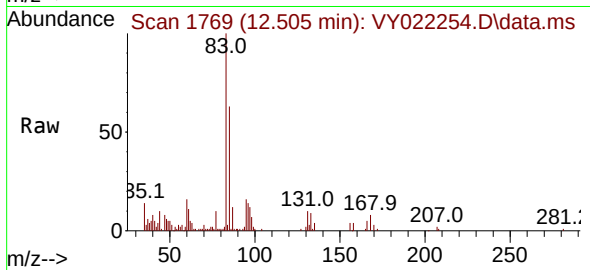
Tgt Ion: 43 Resp: 40345
Ion Ratio Lower Upper
43 100
70 38.2 31.4 47.0
55 20.5 17.0 25.6
61 23.1 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 10.152 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

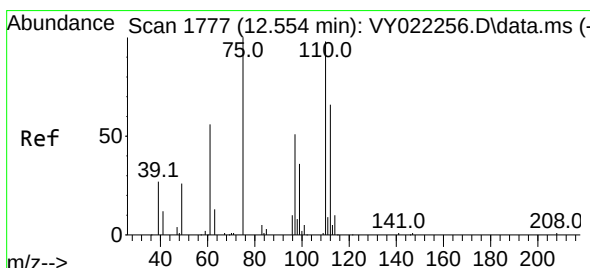
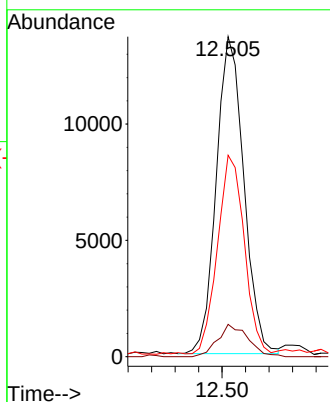
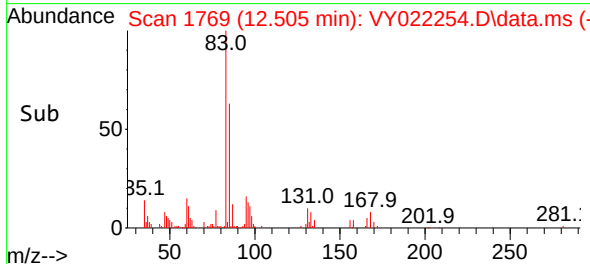
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



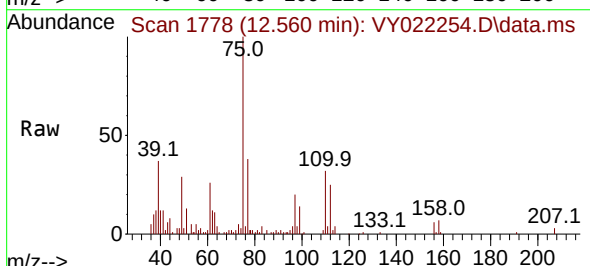
Tgt Ion: 83 Resp: 2224
Ion Ratio Lower Upper
83 100
131 11.1 4.9 14.7
85 60.8 32.0 96.0

Manual Integrations
APPROVED

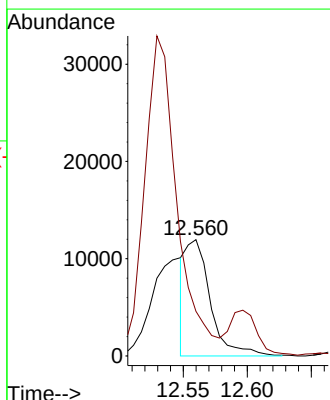
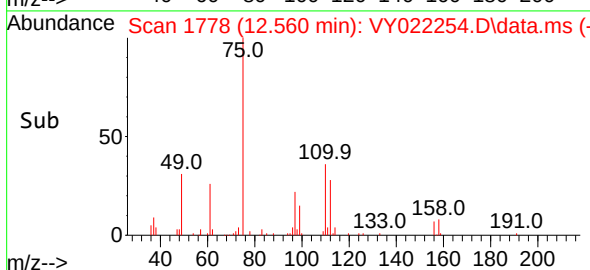
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

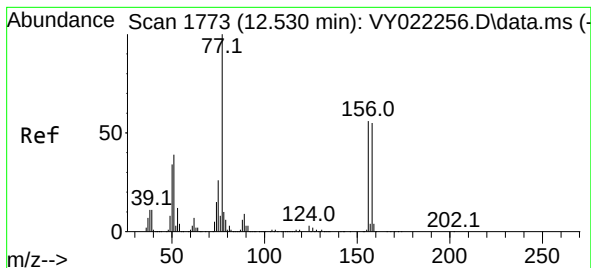


#76
1,2,3-Trichloropropane
Concen: 5.297 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion: 75 Resp: 16056
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.005 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

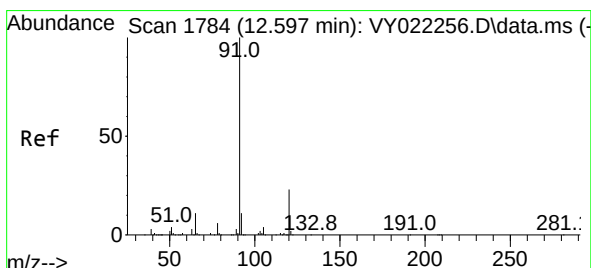
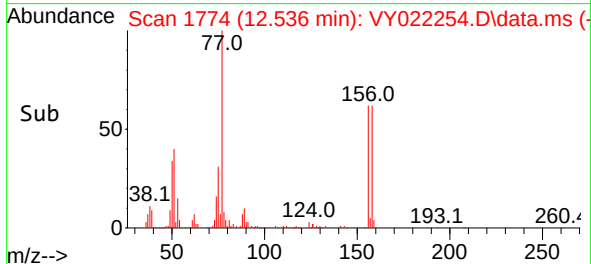
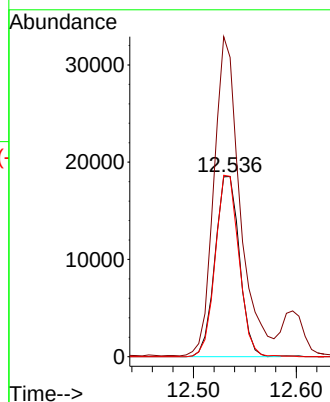
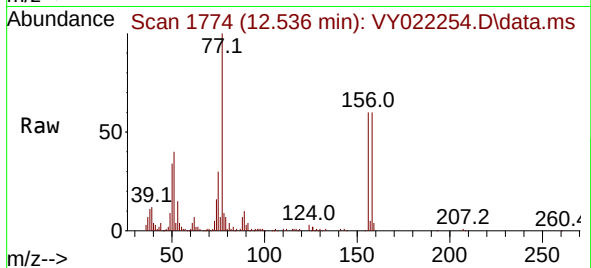
VSTDIC010

Tgt Ion:	156	Resp:	3044
Ion Ratio	Lower	Upper	
156	100		
77	189.7	94.5	283.6
158	98.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78

n-propylbenzene

Concen: 10.101 ug/l

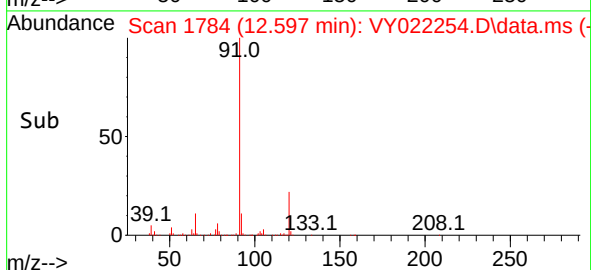
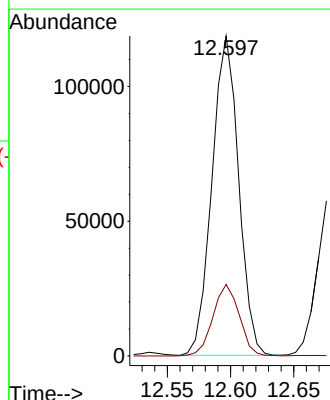
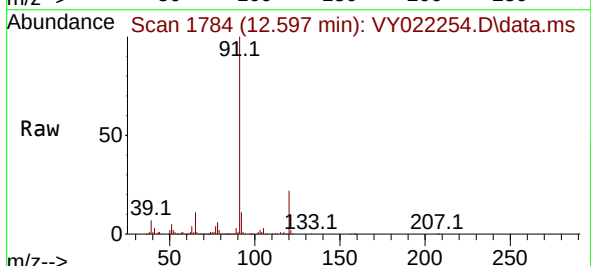
RT: 12.597 min Scan# 1784

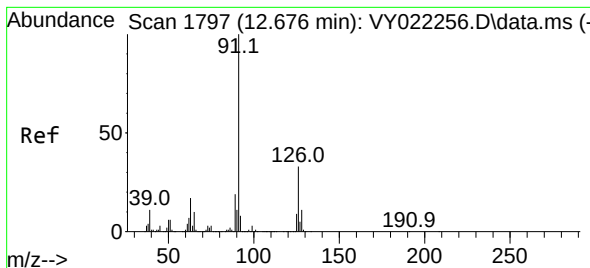
Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion:	91	Resp:	173575
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.1	33.3





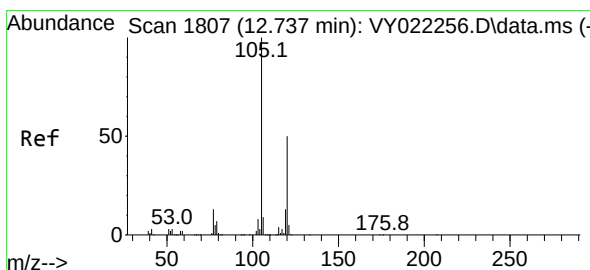
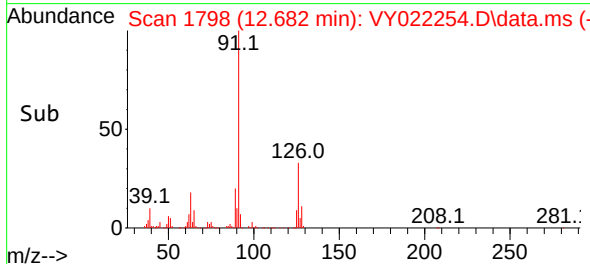
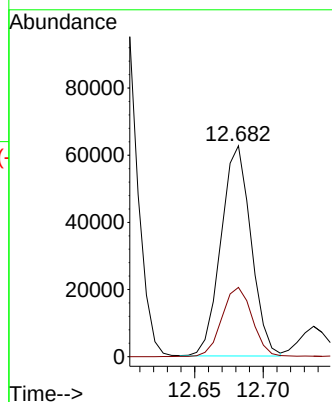
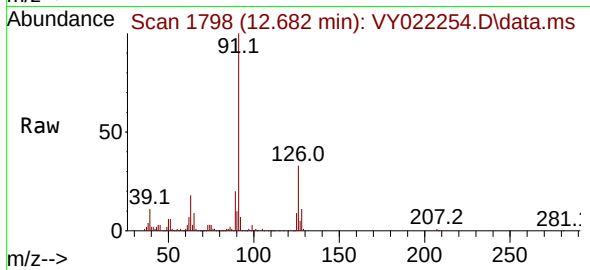
#79
2-Chlorotoluene
Concen: 10.146 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 9581
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4

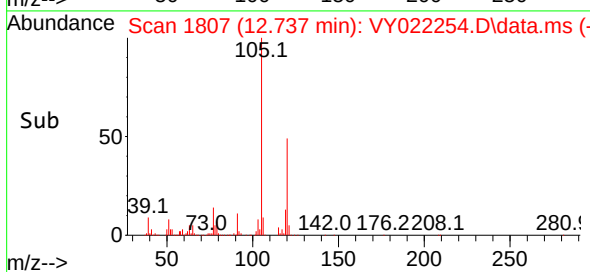
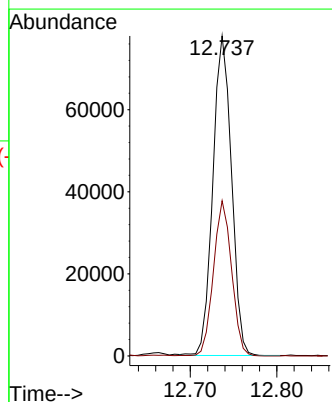
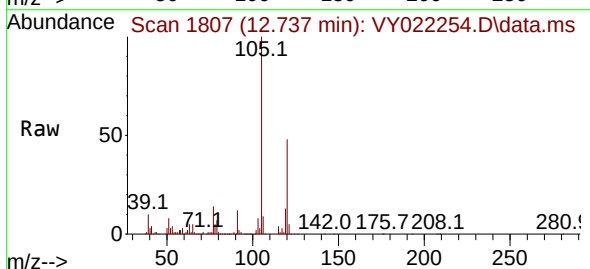
Manual Integrations
APPROVED

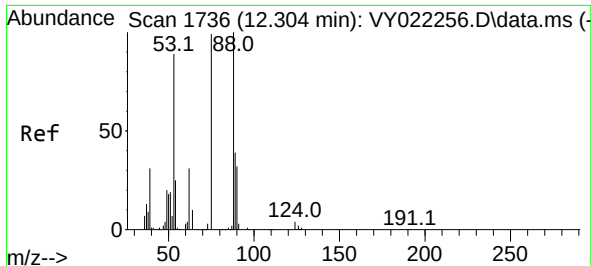
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 10.126 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

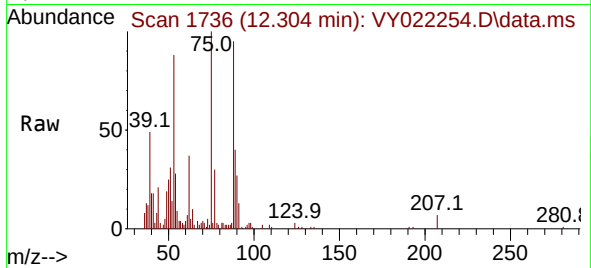
Tgt Ion:105 Resp: 116461
Ion Ratio Lower Upper
105 100
120 47.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 10.388 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

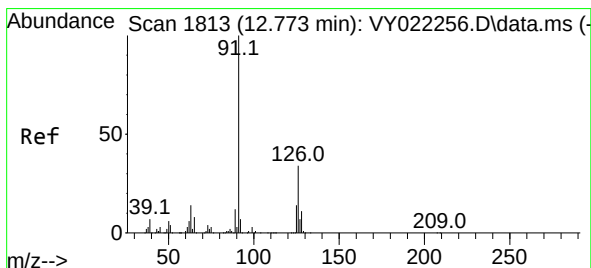
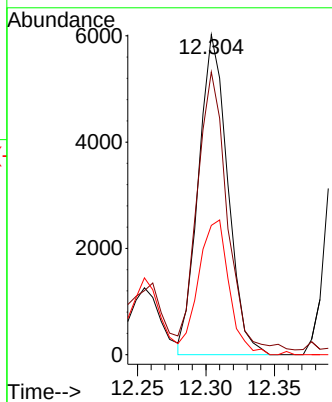
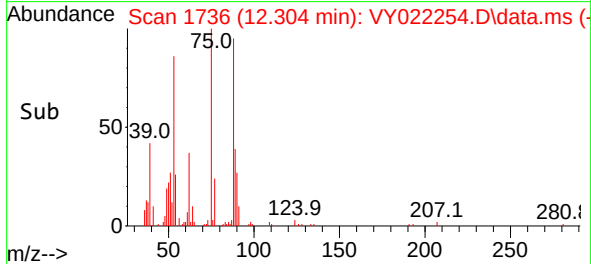
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 8934
Ion Ratio Lower Upper
75 100
53 87.6 75.8 113.8
89 44.0 36.2 54.2

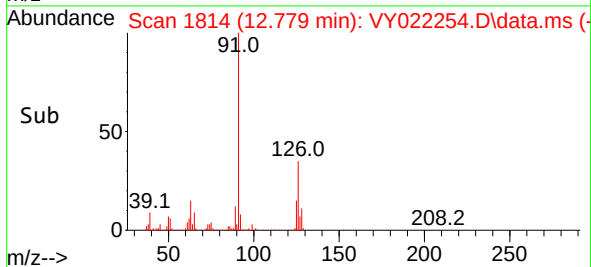
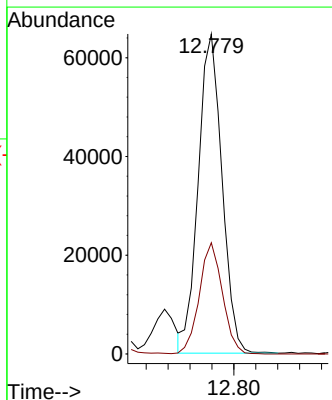
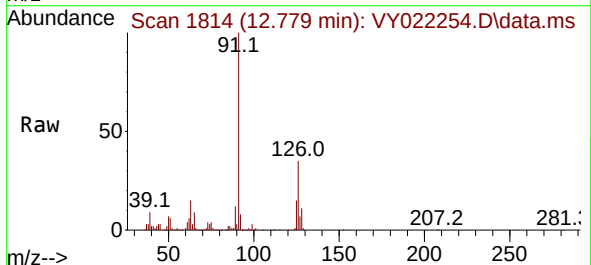
Manual Integrations
APPROVED

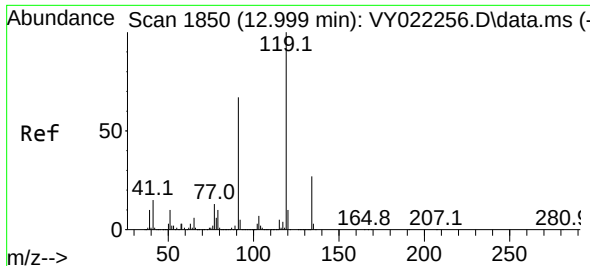
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 10.018 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

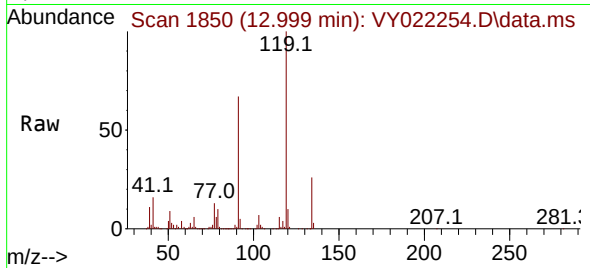
Tgt Ion: 91 Resp: 97309
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.4





#83
tert-Butylbenzene
Concen: 10.005 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

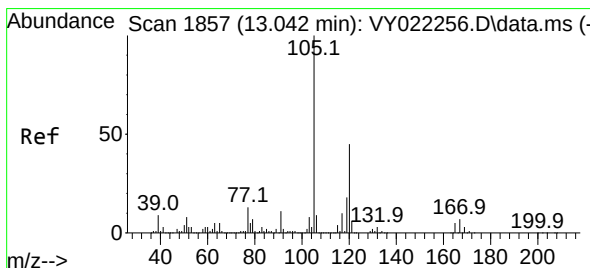
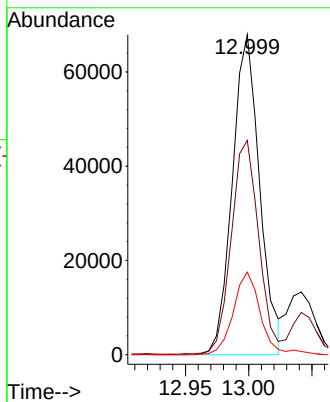
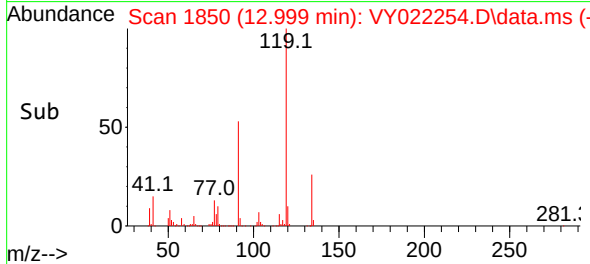
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



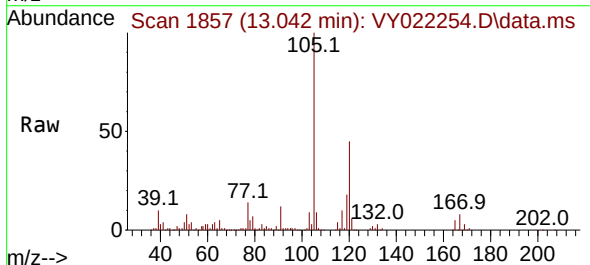
Tgt Ion:119 Resp: 102274
Ion Ratio Lower Upper
119 100
91 66.9 32.8 98.3
134 25.7 12.9 38.6

Manual Integrations
APPROVED

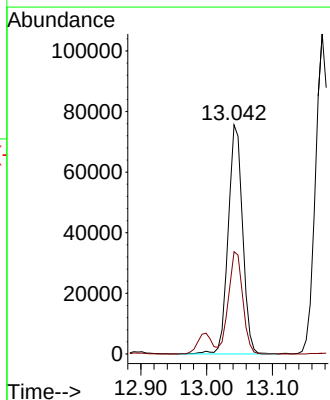
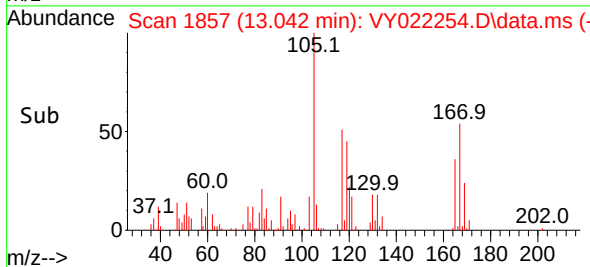
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

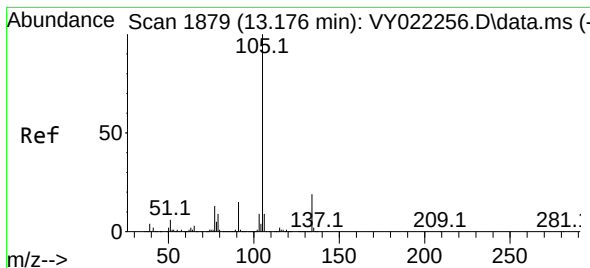


#84
1,2,4-Trimethylbenzene
Concen: 10.088 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



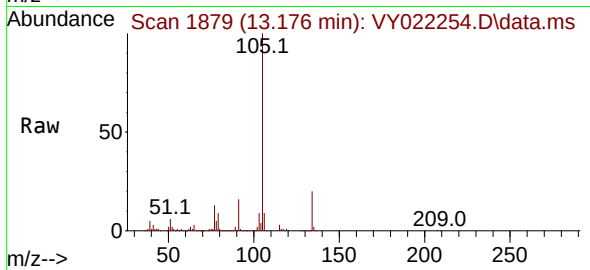
Tgt Ion:105 Resp: 115175
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 10.112 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

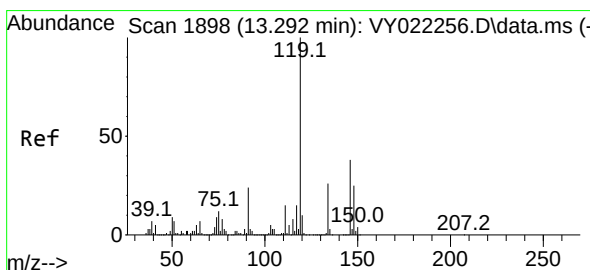
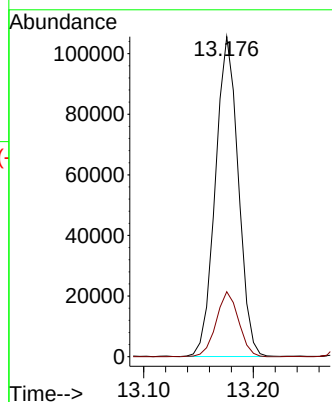
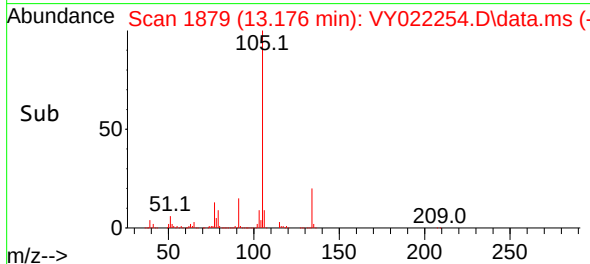
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



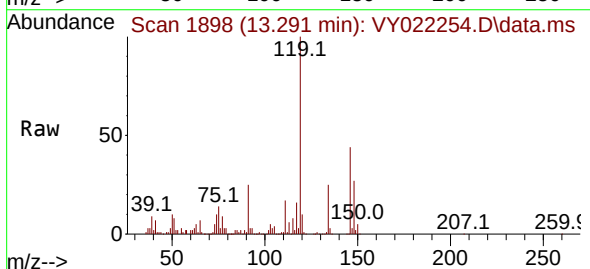
Tgt Ion:105 Resp: 15344
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

Manual Integrations
 APPROVED

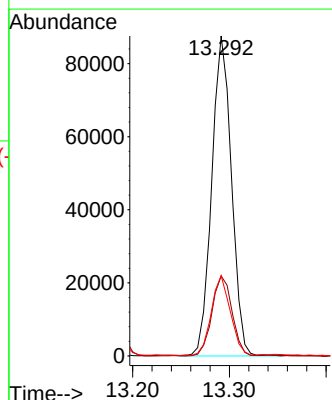
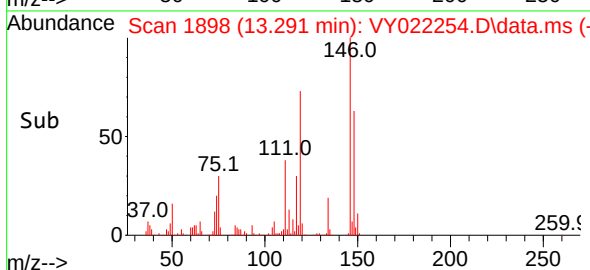
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

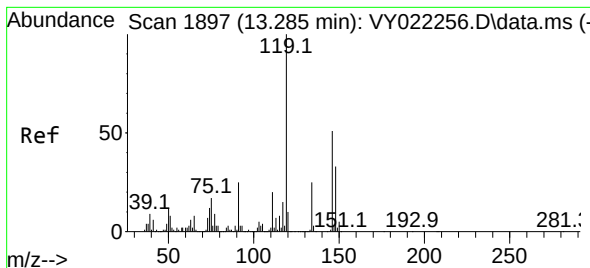


#86
 p-Isopropyltoluene
 Concen: 9.728 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16



Tgt Ion:119 Resp: 124147
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 9.822 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

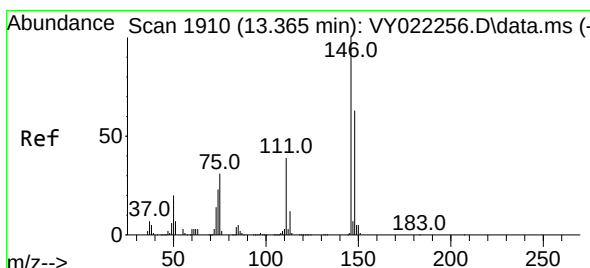
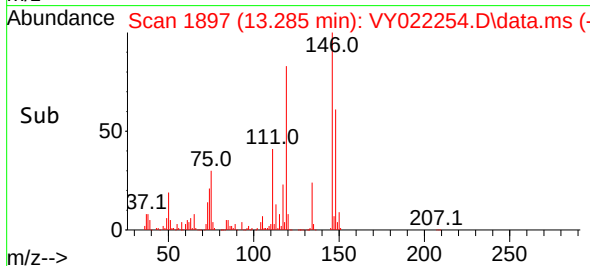
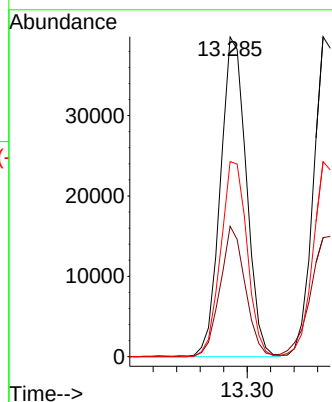
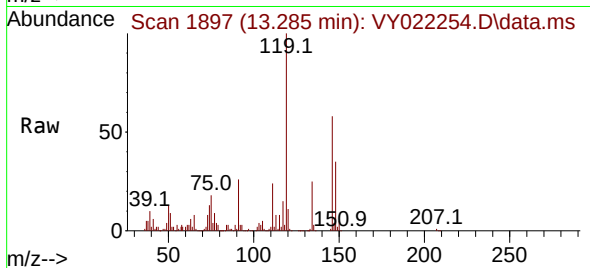
VSTDIC010

Tgt Ion:	146	Resp:	6101
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.9	59.7
148	62.1	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 10.163 ug/l

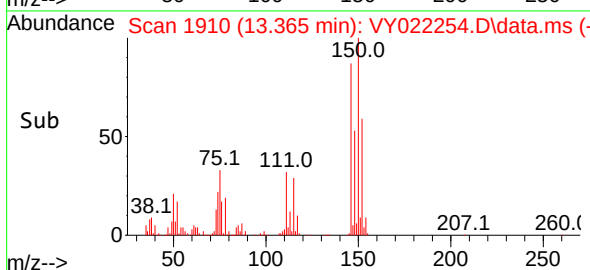
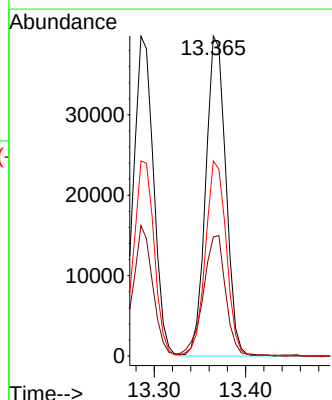
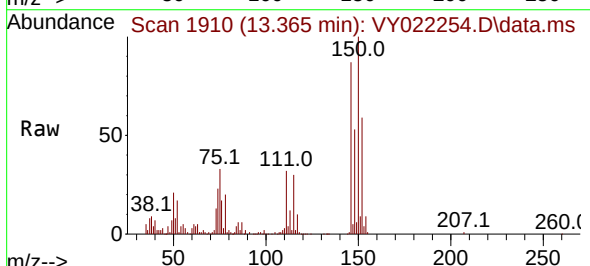
RT: 13.365 min Scan# 1910

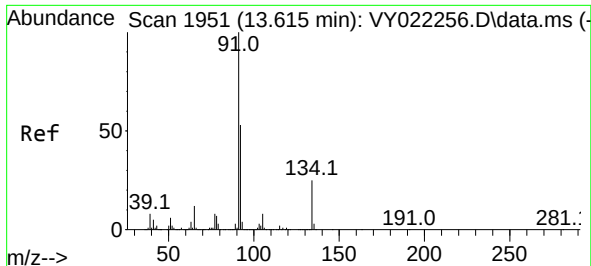
Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

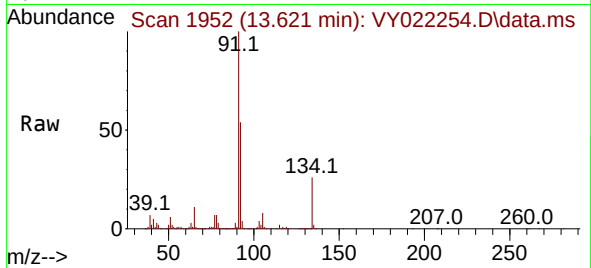
Tgt Ion:	146	Resp:	60723
Ion Ratio	Lower	Upper	
146	100		
111	42.0	20.0	59.9
148	62.5	32.1	96.5





#89
n-Butylbenzene
Concen: 9.970 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

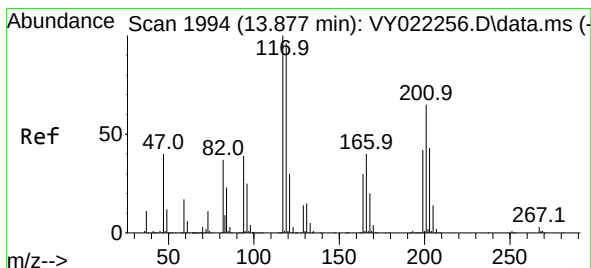
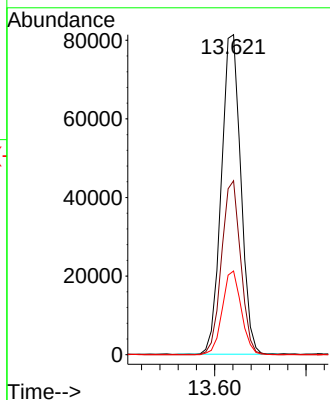
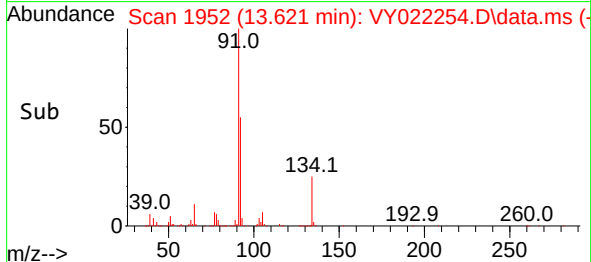
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 12037
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 25.5 12.4 37.4

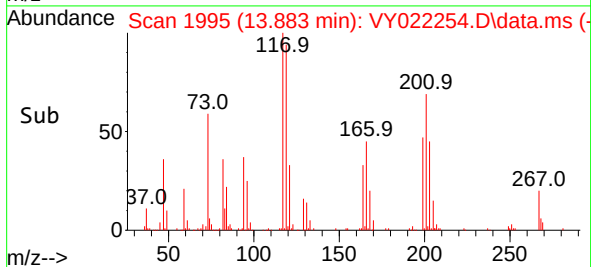
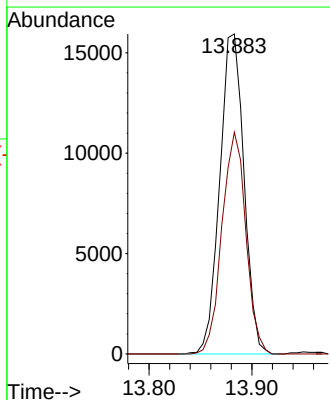
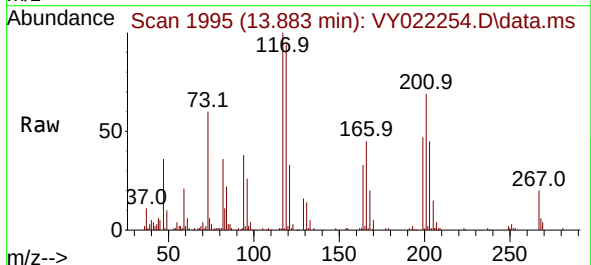
Manual Integrations
APPROVED

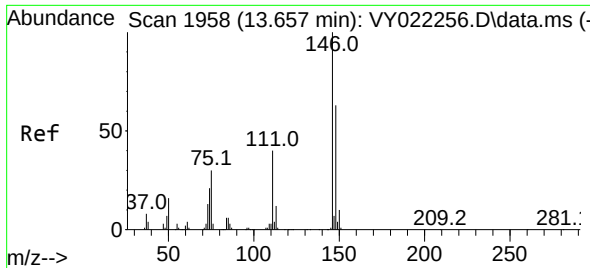
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90
Hexachloroethane
Concen: 10.127 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

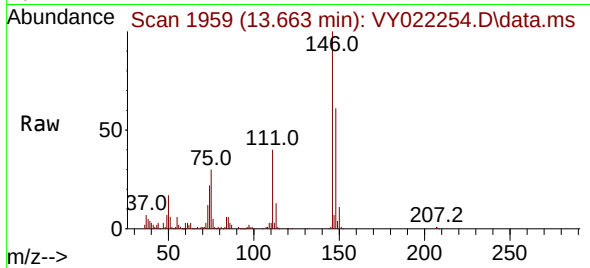
Tgt Ion:117 Resp: 26089
Ion Ratio Lower Upper
117 100
201 68.2 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 10.020 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

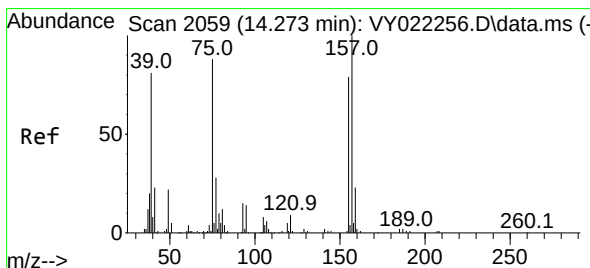
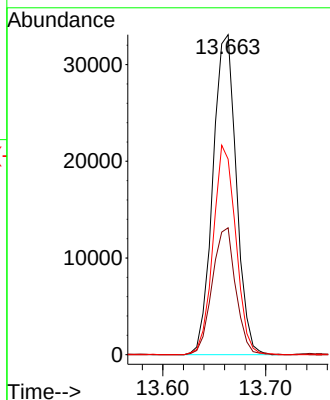
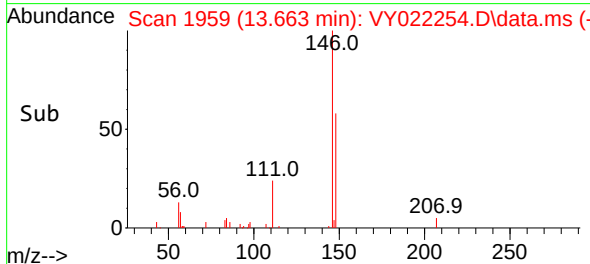
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



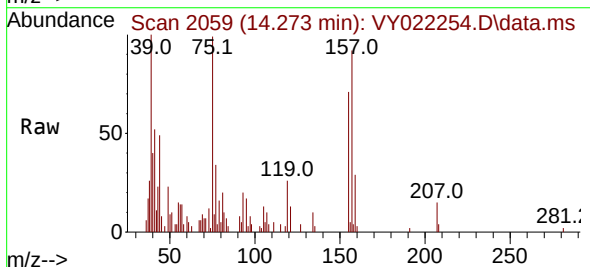
Tgt Ion:146 Resp: 5228
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.5
148 63.5 32.0 96.0

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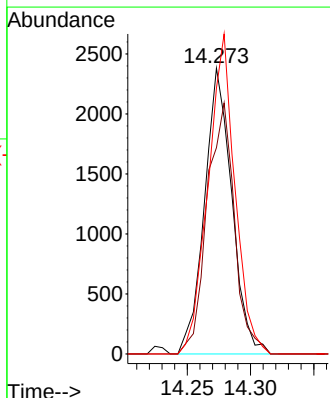
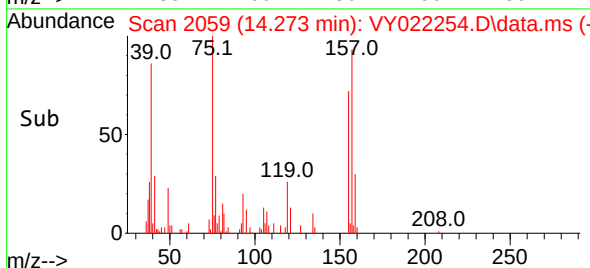
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

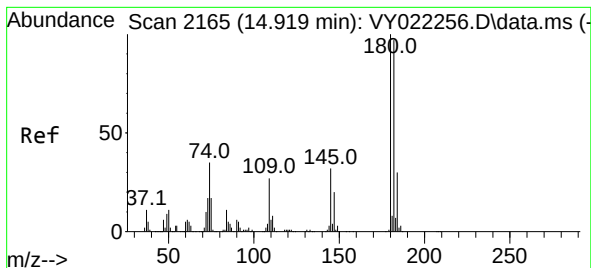


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.155 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16



Tgt Ion: 75 Resp: 3588
Ion Ratio Lower Upper
75 100
155 88.0 43.4 130.1
157 109.8 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 9.646 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

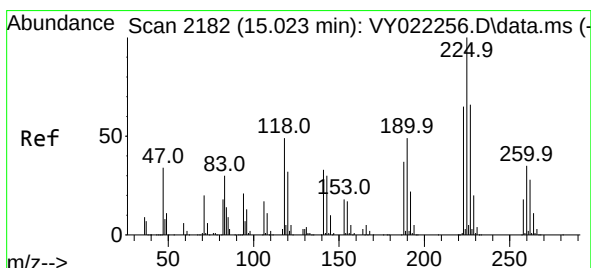
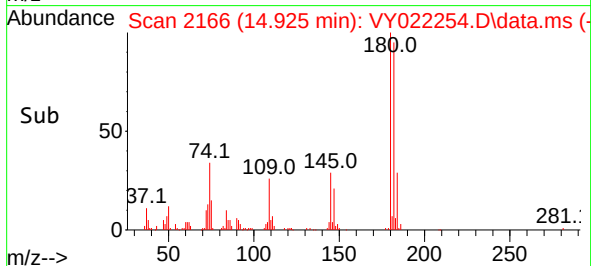
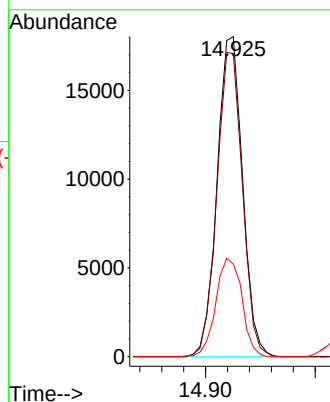
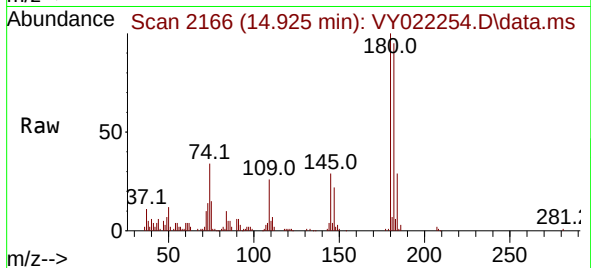
VSTDICC010

Tgt Ion:180	Resp:	2907
Ion Ratio	Lower	Upper
180	100	
182	95.4	48.0 144.0
145	31.4	15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

Concen: 9.927 ug/l

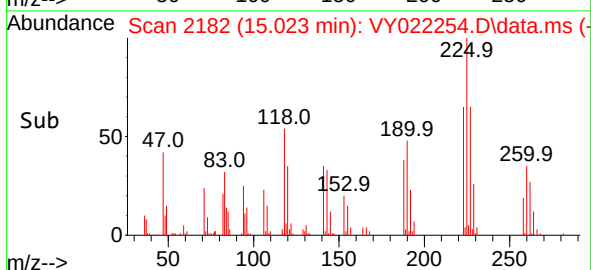
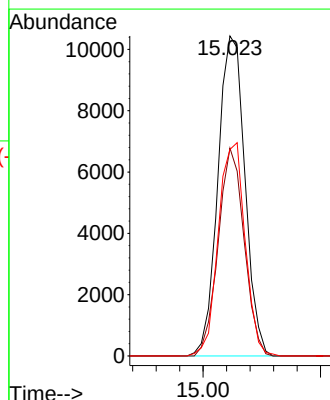
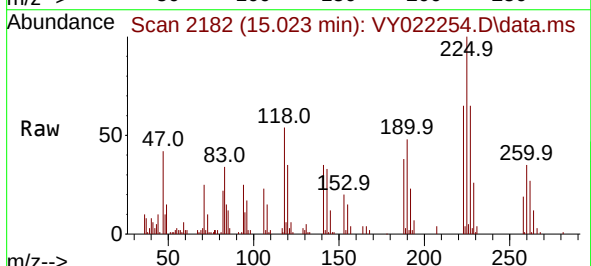
RT: 15.023 min Scan# 2182

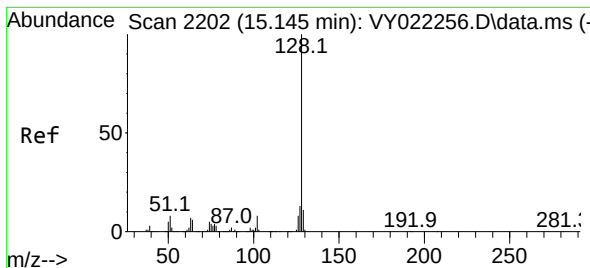
Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion:225	Resp:	16686
Ion Ratio	Lower	Upper
225	100	
223	62.2	31.5 94.5
227	65.8	32.1 96.3





#95

Naphthalene

Concen: 9.495 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

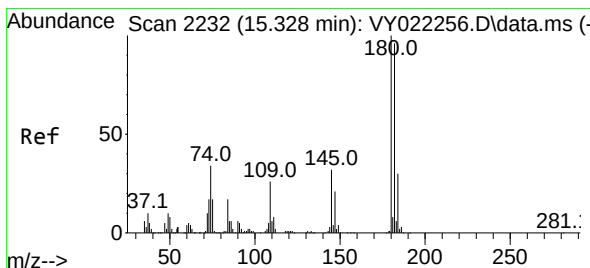
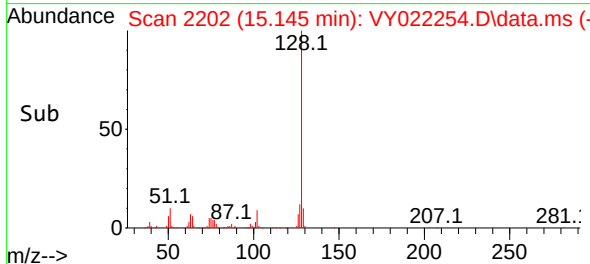
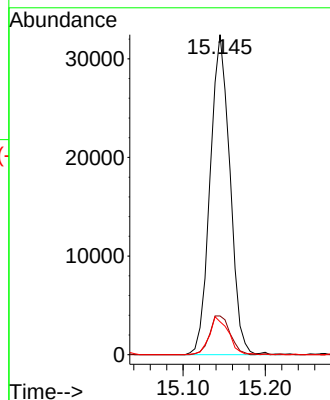
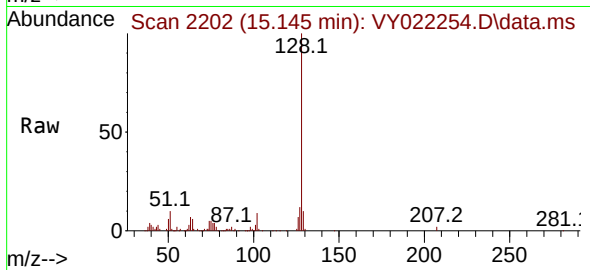
VSTDICC010

Tgt Ion:128	Resp:	5430
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.2 15.2
129	11.5	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 9.696 ug/l

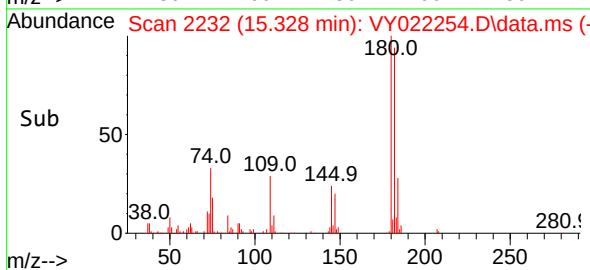
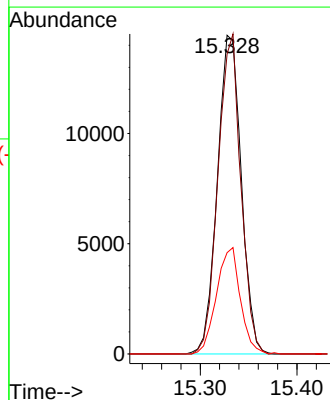
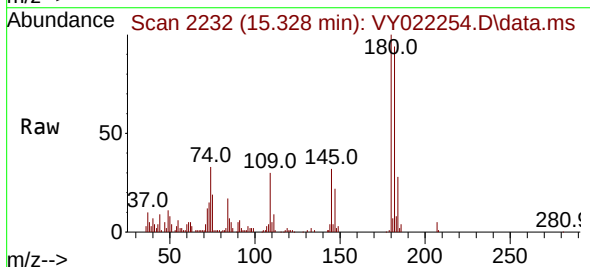
RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion:180	Resp:	24790
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.1 141.3
145	33.4	15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022255.D
 Acq On : 15 May 2025 10:39
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:22:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	262008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	439816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	370072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	172509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55221	19.284	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.560%#		
35) Dibromofluoromethane	7.634	113	51670	19.683	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.360%#		
50) Toluene-d8	10.109	98	210206	19.552	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	39.100%#		
62) 4-Bromofluorobenzene	12.408	95	64706	18.988	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	56737	20.753	ug/l	99
3) Chloromethane	2.068	50	120819	21.008	ug/l	97
4) Vinyl Chloride	2.202	62	132511	20.623	ug/l	96
5) Bromomethane	2.592	94	110855	21.194	ug/l	99
6) Chloroethane	2.732	64	83451	20.877	ug/l	99
7) Trichlorofluoromethane	3.050	101	132029	20.295	ug/l	97
8) Diethyl Ether	3.458	74	29651	18.993	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	57012	20.187	ug/l	98
10) Methyl Iodide	4.001	142	65018	19.891	ug/l	98
11) Tert butyl alcohol	4.872	59	19585	89.565	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	56630	20.206	ug/l	98
13) Acrolein	3.653	56	30106	94.178	ug/l	91
14) Allyl chloride	4.385	41	99483	20.244	ug/l	100
15) Acrylonitrile	5.061	53	60119	93.456	ug/l	100
16) Acetone	3.873	43	50198	93.491	ug/l	96
17) Carbon Disulfide	4.104	76	184860	20.228	ug/l	99
18) Methyl Acetate	4.391	43	29969	18.344	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	145976	18.890	ug/l	100
20) Methylene Chloride	4.616	84	67687	19.510	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	63174	20.422	ug/l	97
22) Diisopropyl ether	6.019	45	202960	19.558	ug/l	99
23) Vinyl Acetate	5.958	43	594019	94.748	ug/l	99
24) 1,1-Dichloroethane	5.915	63	115217	19.873	ug/l	99
25) 2-Butanone	6.896	43	82768	92.157	ug/l	93
26) 2,2-Dichloropropane	6.890	77	101725	19.727	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	70008	19.611	ug/l	98
28) Bromochloromethane	7.244	49	48933	19.787	ug/l	100
29) Tetrahydrofuran	7.262	42	53229	92.122	ug/l	98
30) Chloroform	7.421	83	111815	20.107	ug/l	98
31) Cyclohexane	7.695	56	112876	19.486	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	100618	19.721	ug/l	100
36) 1,1-Dichloropropene	7.835	75	85789	19.841	ug/l	99
37) Ethyl Acetate	6.988	43	38482	18.497	ug/l	99
38) Carbon Tetrachloride	7.817	117	86871	19.410	ug/l	98
39) Methylcyclohexane	9.109	83	113511	19.540	ug/l	98
40) Benzene	8.079	78	252507	19.700	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022255.D
 Acq On : 15 May 2025 10:39
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:22:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	26008m	17.085	ug/l	
42) 1,2-Dichloroethane	8.158	62	66525	19.192	ug/l	99
43) Isopropyl Acetate	8.201	43	84532	18.631	ug/l	97
44) Trichloroethene	8.866	130	63438	19.904	ug/l	96
45) 1,2-Dichloropropane	9.140	63	60438	19.557	ug/l	100
46) Dibromomethane	9.231	93	31752	19.050	ug/l	99
47) Bromodichloromethane	9.426	83	83823	19.385	ug/l	96
48) Methyl methacrylate	9.219	41	39387	18.563	ug/l	99
49) 1,4-Dioxane	9.237	88	7312	388.323	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	202454	90.940	ug/l	99
52) Toluene	10.170	92	156498	19.281	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	80413	19.056	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	94074	19.458	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	40872	19.149	ug/l	99
56) Ethyl methacrylate	10.438	69	62193	18.706	ug/l	97
57) 1,3-Dichloropropane	10.713	76	72715	19.175	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	126240	84.595	ug/l	99
59) 2-Hexanone	10.762	43	132496	88.766	ug/l	100
60) Dibromochloromethane	10.914	129	52353	18.898	ug/l	98
61) 1,2-Dibromoethane	11.012	107	37735	18.969	ug/l	99
64) Tetrachloroethene	10.646	164	69548	20.332	ug/l	98
65) Chlorobenzene	11.438	112	163725	19.610	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	55078	19.189	ug/l	98
67) Ethyl Benzene	11.518	91	303375	19.402	ug/l	99
68) m/p-Xylenes	11.627	106	225990	38.355	ug/l	100
69) o-Xylene	11.956	106	106998	19.194	ug/l	100
70) Styrene	11.969	104	179114	19.048	ug/l	99
71) Bromoform	12.133	173	28788	18.582	ug/l #	98
73) Isopropylbenzene	12.255	105	282895	19.795	ug/l	100
74) N-amyl acetate	12.072	43	76841	18.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40064	18.228	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	35574m	11.701	ug/l	
77) Bromobenzene	12.530	156	58515	19.170	ug/l	99
78) n-propylbenzene	12.597	91	338383	19.630	ug/l	99
79) 2-Chlorotoluene	12.682	91	185872	19.621	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	225966	19.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16653	19.302	ug/l	97
82) 4-Chlorotoluene	12.779	91	189350	19.433	ug/l	100
83) tert-Butylbenzene	12.999	119	200101	19.515	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	221194	19.315	ug/l	98
85) sec-Butylbenzene	13.176	105	297975	19.576	ug/l	100
86) p-Isopropyltoluene	13.292	119	246569	19.261	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	118336	18.991	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	117705	19.638	ug/l	99
89) n-Butylbenzene	13.615	91	240857	19.887	ug/l	99
90) Hexachloroethane	13.877	117	50762	19.643	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	102077	19.502	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6387	18.021	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	58490	19.346	ug/l	99
94) Hexachlorobutadiene	15.023	225	34228	20.301	ug/l	100
95) Naphthalene	15.145	128	105350	18.362	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	48444	18.888	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022255.D
Acq On : 15 May 2025 10:39
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:22:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

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

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

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

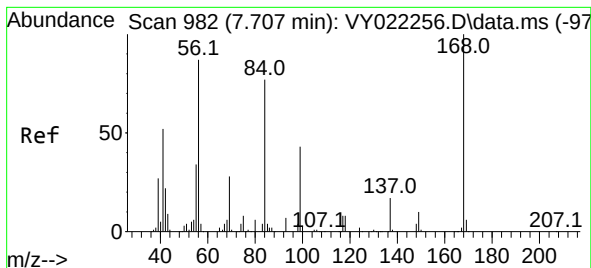
TIC: VY022255.D\data.ms

Abundance

Time-->

Chemical compounds identified (from top to bottom of the chromatogram):

- Dichlorodifluoromethane, T
- Chloromethane, P
- Vinyl Chloride, C
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- Acetone, T
- Methyl Iodide, T
- Carbon Disulfide, T
- Methyl acetate, T
- Methylene Chloride, T
- Tert butyl alcohol, T
- Acrylonitrile, T
- 1,1-Dichloroethane, P
- Diisopropyl ether, T
- Vinyl Acetate, T
- Ethyl Acetate, T
- Methacrylonitrile, T
- Chloroform, C
- Dichloromethane, T
- 1,1,1-Trichloroethane, T
- 1,2-Dichloroethane, T
- Isopropyl Acetate, T
- 2-Chloroethanol, T
- 2-Butoxyethanol, T
- Cyclohexane, T
- Pentachlorobenzene, I
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- 1,4-Dichlorobenzene, T
- Methylcyclohexane, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- 2-Chloroethyl Vinyl ether, T
- 4-Methyl-2-Pentanone, T
- Toluene, CM
- Tetracloroethene, T
- Ethyl hexachloropropene, T
- 1,1,2-Trichloroethane, T
- 1,3-Dichloropropene, T
- Dibromodichloromethane, T
- 1,2-Dibromomethane, T
- Chlorobenzene, PM
- Chlorobenzene, I
- 1,4-Dichlorobenzene, T
- Styrene, T
- o-Xylene, T
- Isopropylbenzene, T
- n-propylbenzene, T
- 1,3,5-Trimethylbenzene, T
- 1,2,4-Trimethylbenzene, T
- sec-Butylbenzene, T
- 1,4-Dichlorobenzene, T
- n-Butylbenzene, T
- 1,2-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- Naphthalene, T
- 1,2,3-Trichlorobenzene, T
- 1,2,4-Trichlorobenzene, T
- Hexachlorobenzene, T



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:168 Resp: 262000

Ion Ratio Lower Upper

168 100

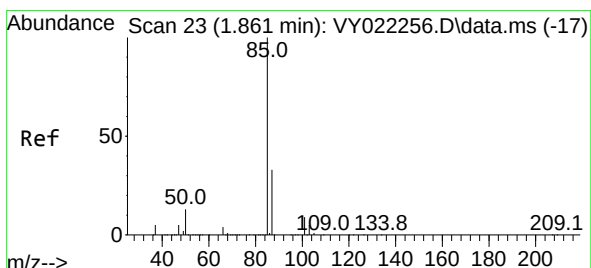
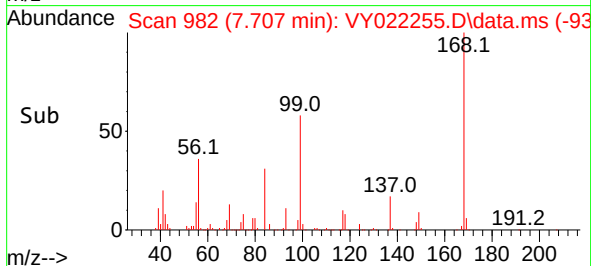
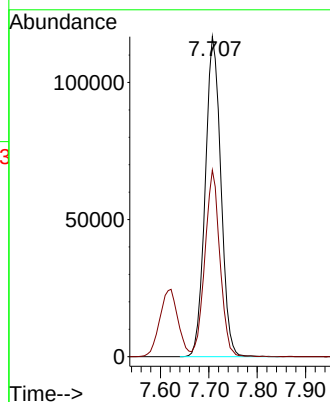
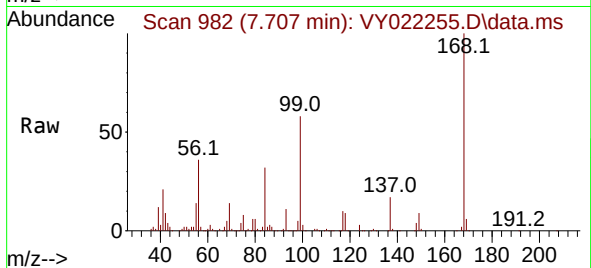
99 58.3 44.2 66.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#2

Dichlorodifluoromethane

Concen: 20.753 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY022255.D

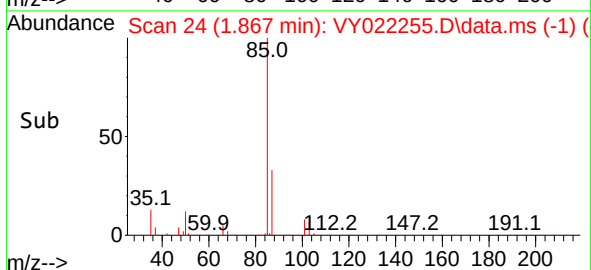
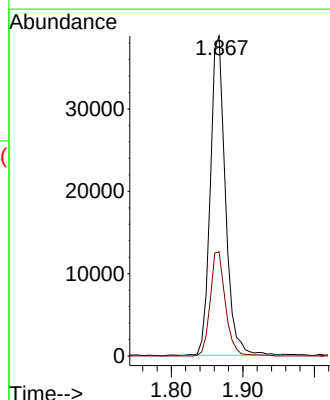
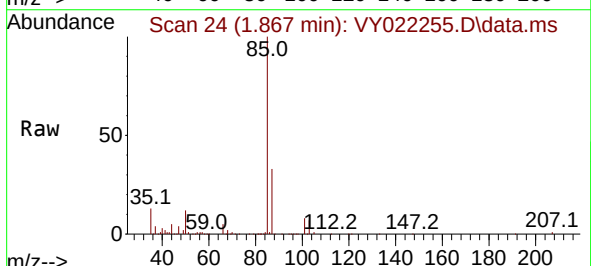
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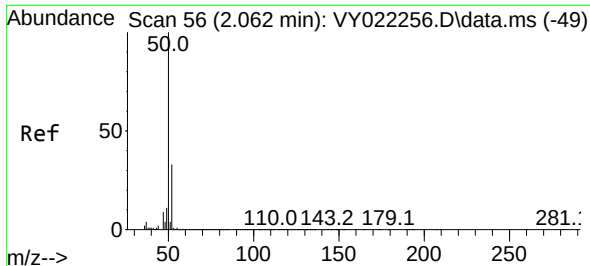
Tgt Ion: 85 Resp: 56737

Ion Ratio Lower Upper

85 100

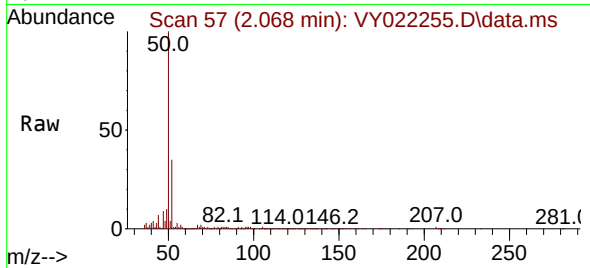
87 32.6 16.5 49.5





#3
Chloromethane
Concen: 21.008 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

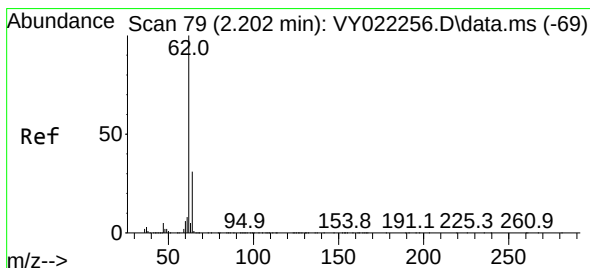
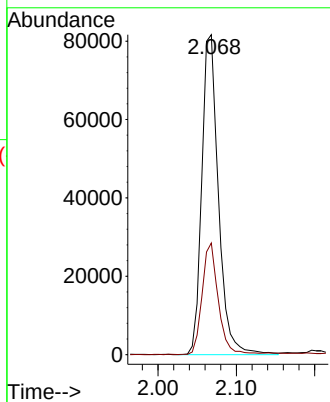
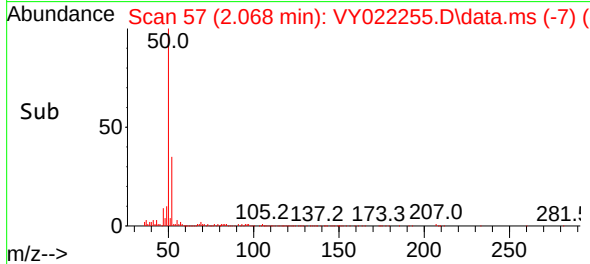
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



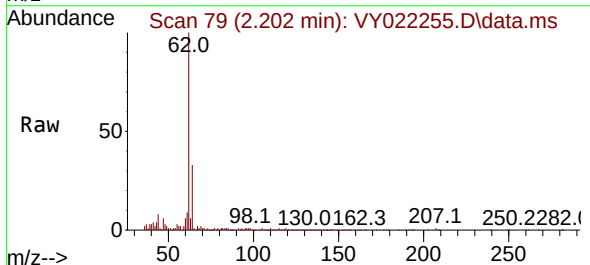
Tgt Ion: 50 Resp: 120819
Ion Ratio Lower Upper
50 100
52 34.9 26.5 39.7

Manual Integrations
APPROVED

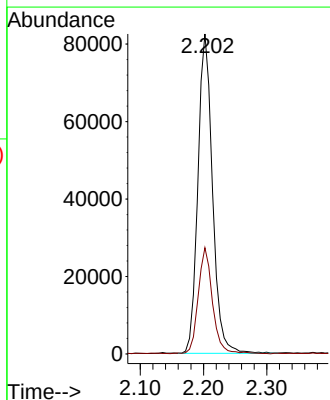
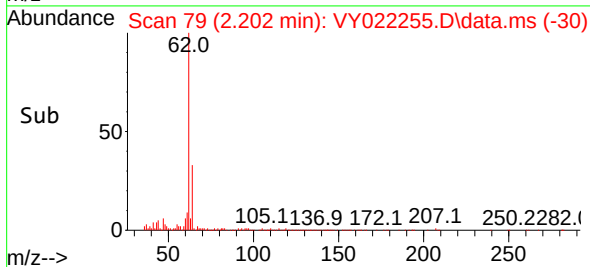
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

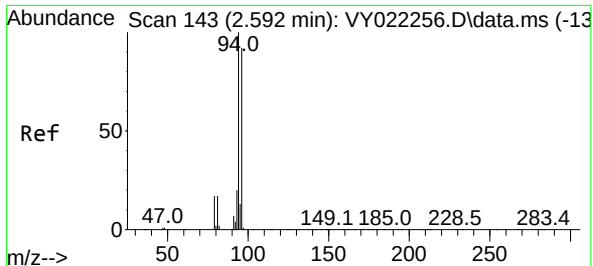


#4
Vinyl Chloride
Concen: 20.623 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



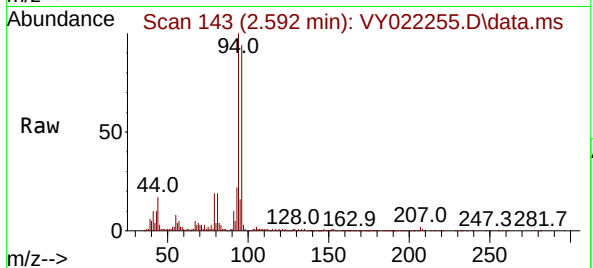
Tgt Ion: 62 Resp: 132511
Ion Ratio Lower Upper
62 100
64 33.0 24.5 36.7





#5
Bromomethane
Concen: 21.194 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

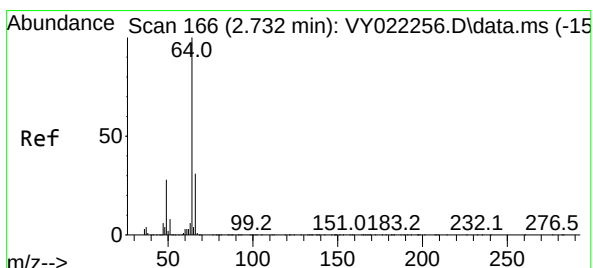
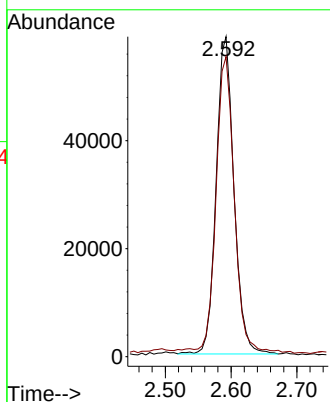
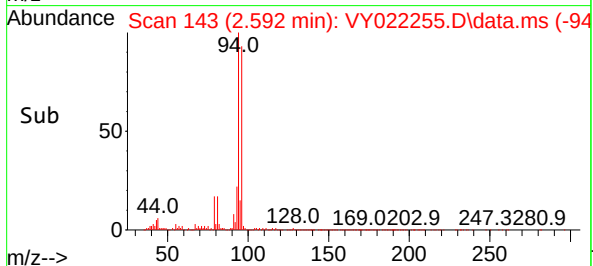
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



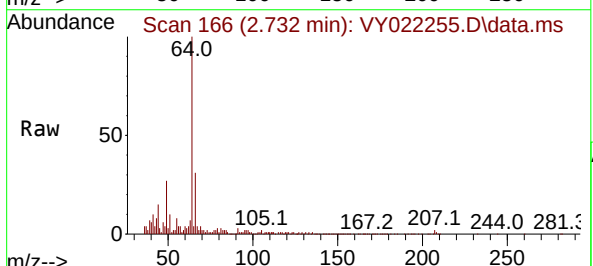
Tgt Ion: 94 Resp: 11085
Ion Ratio Lower Upper
94 100
96 92.6 73.4 110.0

Manual Integrations
APPROVED

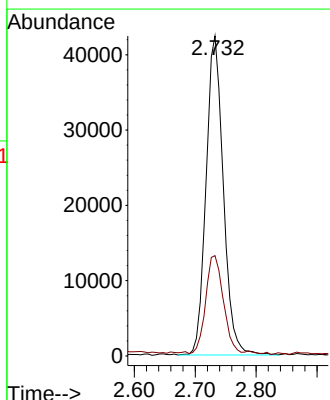
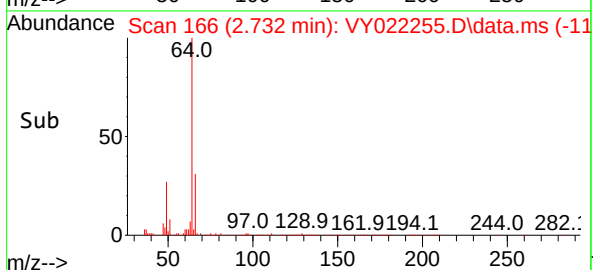
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

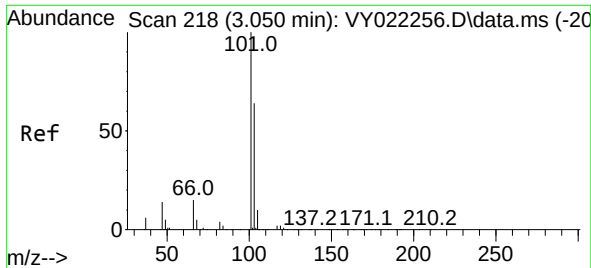


#6
Chloroethane
Concen: 20.877 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



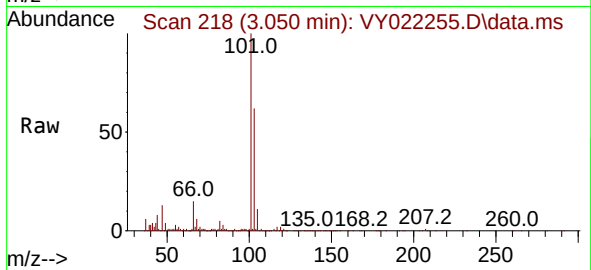
Tgt Ion: 64 Resp: 83451
Ion Ratio Lower Upper
64 100
66 30.4 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 20.295 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

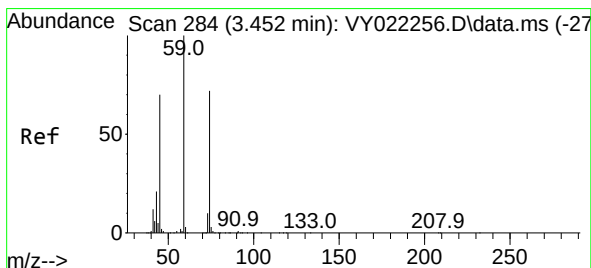
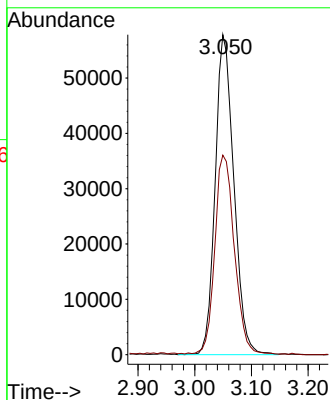
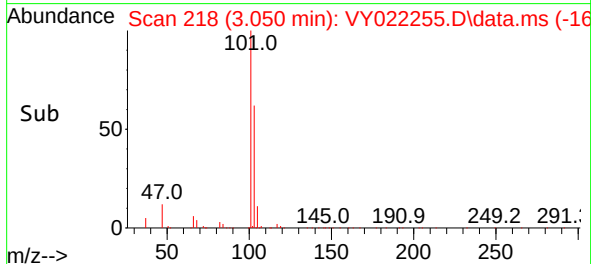
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 VSTDIC020



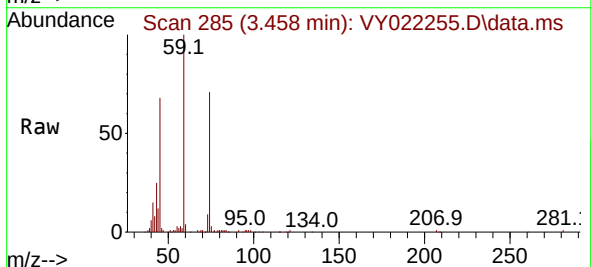
Tgt Ion:101 Resp: 132029
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.7 77.5

Manual Integrations
 APPROVED

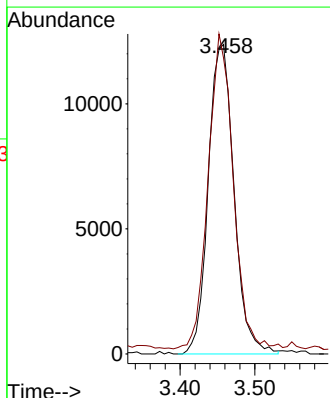
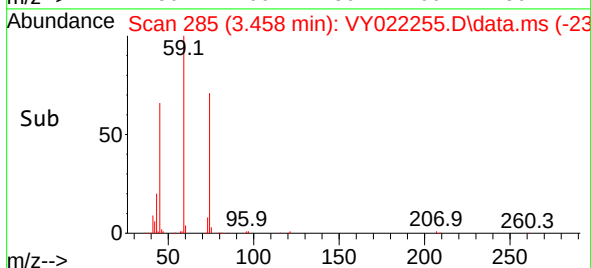
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

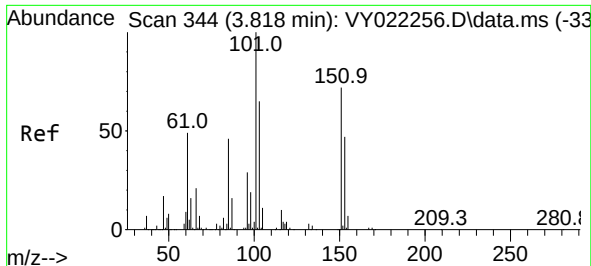


#8
 Diethyl Ether
 Concen: 18.993 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39



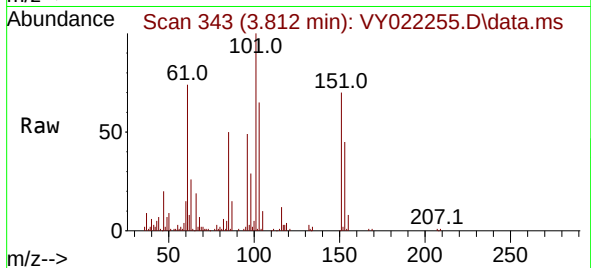
Tgt Ion: 74 Resp: 29651
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.187 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

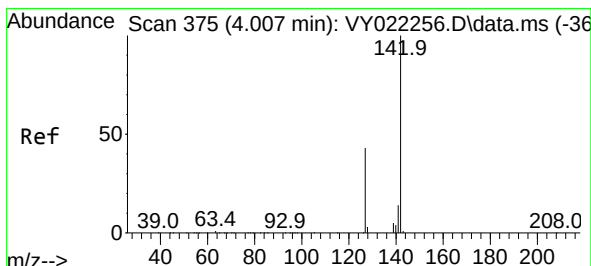
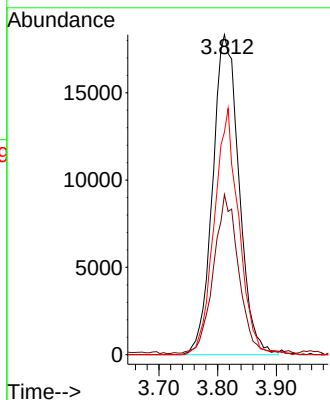
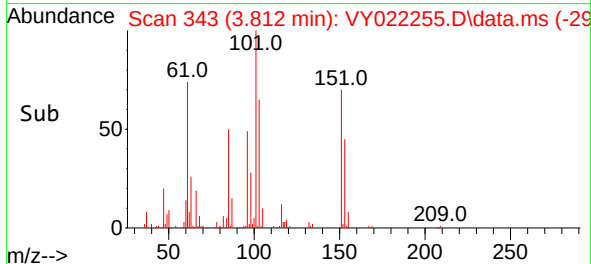
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MSVOA_Y
ClientSampleId :
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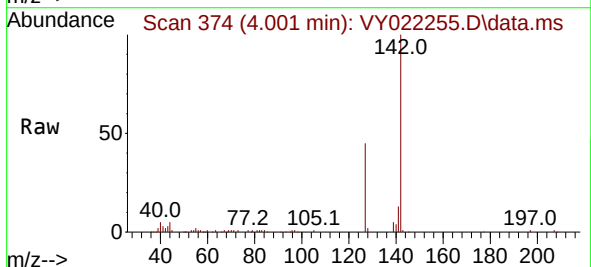
Tgt Ion:101 Resp: 57012
Ion Ratio Lower Upper
101 100
85 47.7 38.6 58.0
151 71.9 59.7 89.5

Manual Integrations
APPROVED

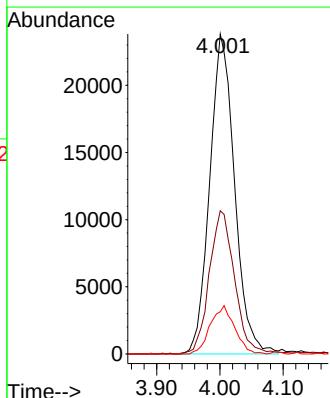
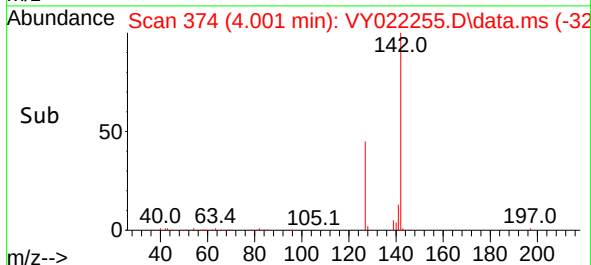
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

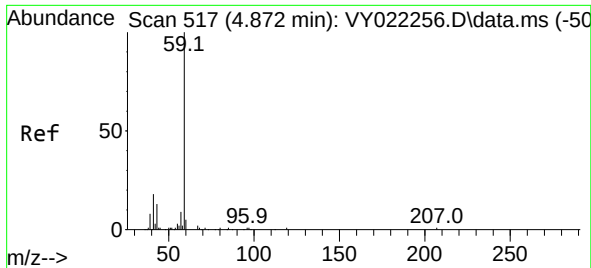


#10
Methyl Iodide
Concen: 19.891 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



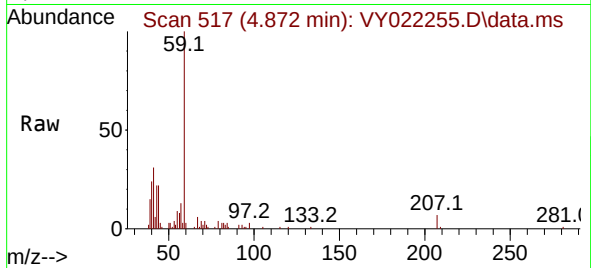
Tgt Ion:142 Resp: 65018
Ion Ratio Lower Upper
142 100
127 45.5 35.7 53.5
141 14.8 11.1 16.7





#11
Tert butyl alcohol
Concen: 89.565 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

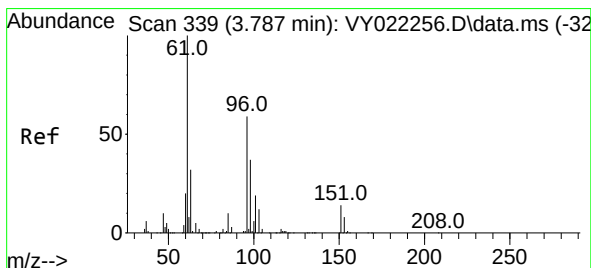
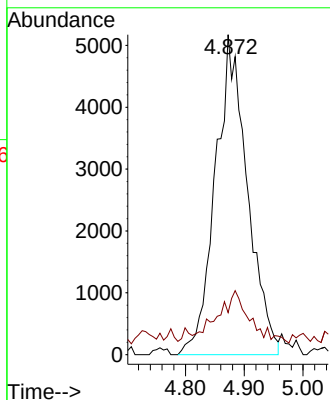
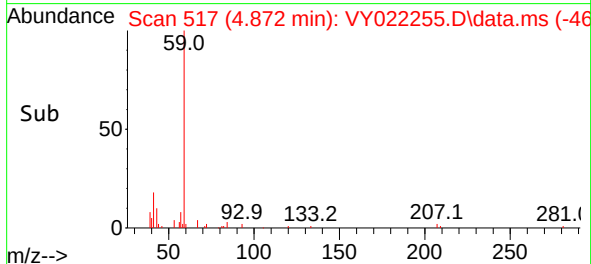
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ClientSampleId :
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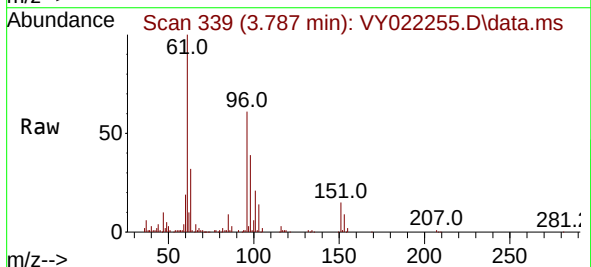
Tgt Ion: 59 Resp: 1958
Ion Ratio Lower Upper
59 100
57 16.5 0.0 0.0

Manual Integrations
APPROVED

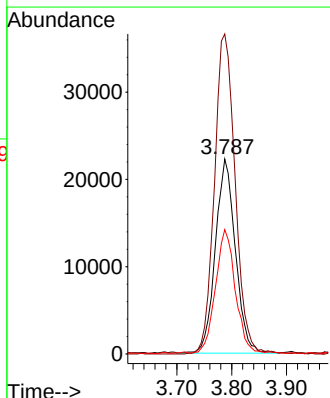
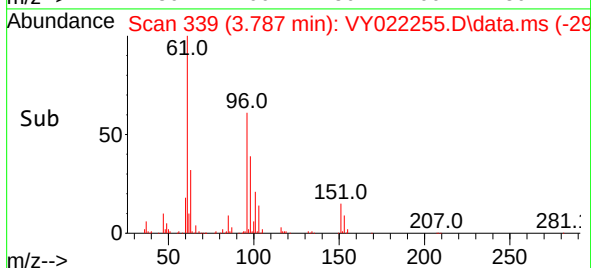
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

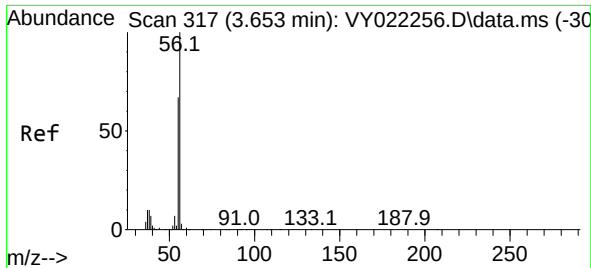


#12
1,1-Dichloroethene
Concen: 20.206 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



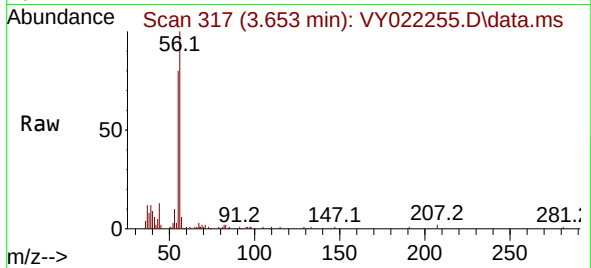
Tgt Ion: 96 Resp: 56630
Ion Ratio Lower Upper
96 100
61 164.8 134.9 202.3
98 63.5 49.9 74.9





#13
Acrolein
Concen: 94.178 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

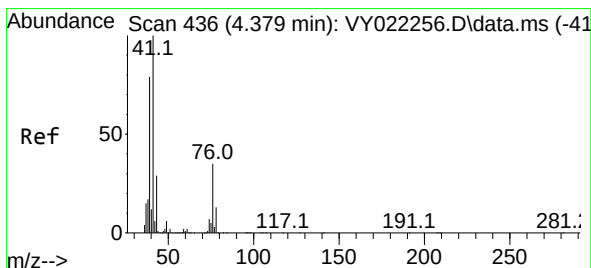
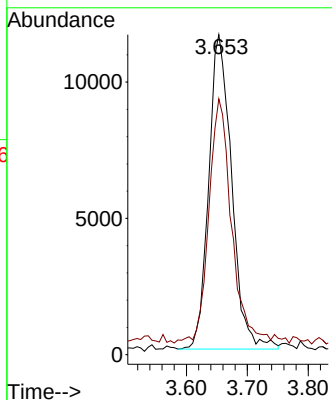
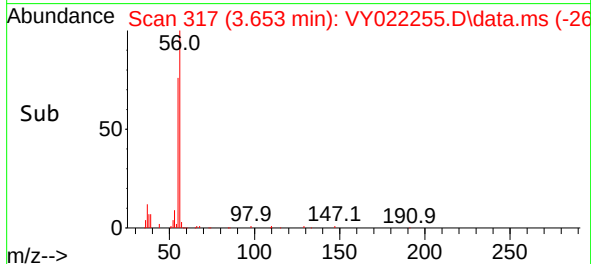
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



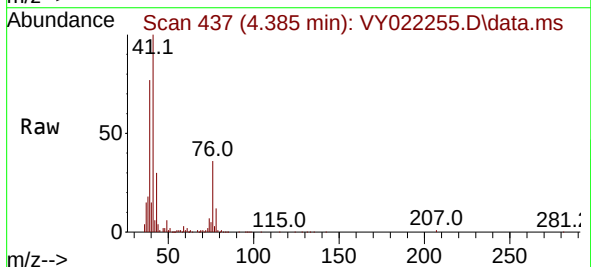
Tgt Ion: 56 Resp: 30100
Ion Ratio Lower Upper
56 100
55 76.6 55.6 83.4

Manual Integrations
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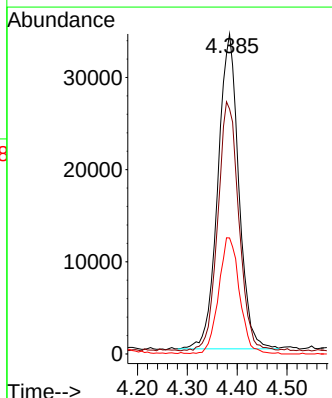
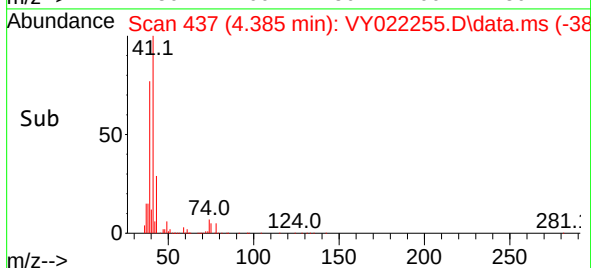
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

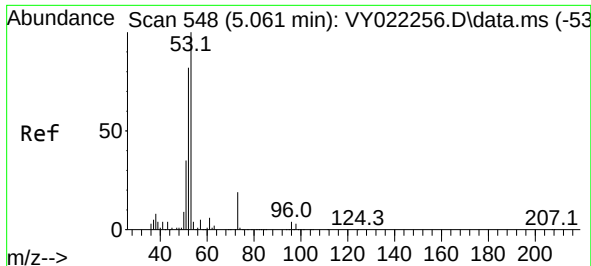


#14
Allyl chloride
Concen: 20.244 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



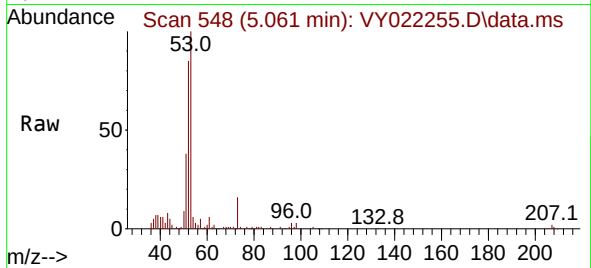
Tgt Ion: 41 Resp: 99483
Ion Ratio Lower Upper
41 100
39 79.7 63.4 95.0
76 37.1 29.5 44.3





#15
Acrylonitrile
Concen: 93.456 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

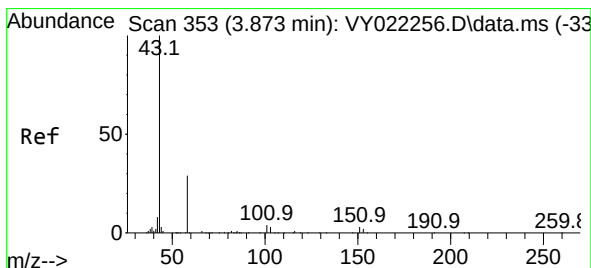
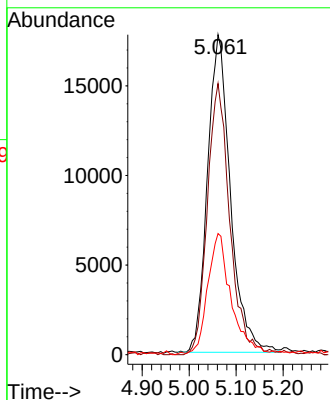
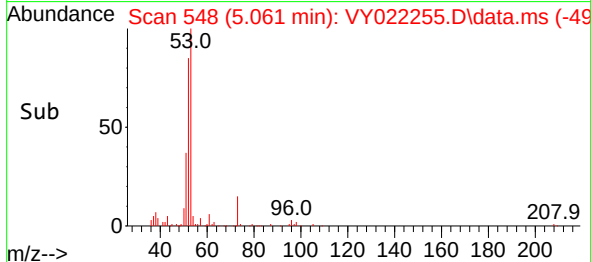
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



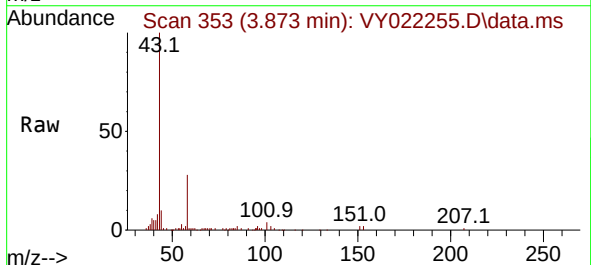
Tgt Ion: 53 Resp: 60119
Ion Ratio Lower Upper
53 100
52 83.1 66.1 99.1
51 37.6 30.0 45.0

Manual Integrations
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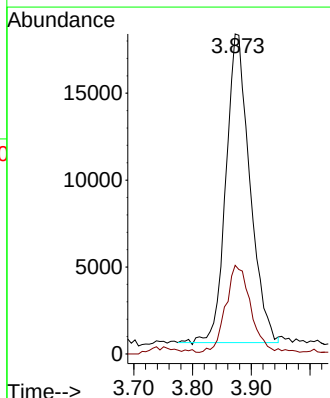
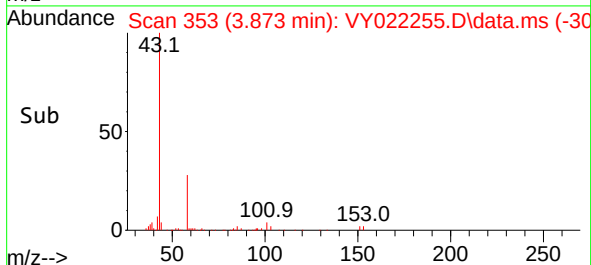
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

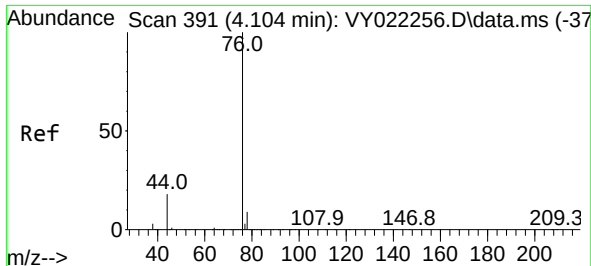


#16
Acetone
Concen: 93.491 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion: 43 Resp: 50198
Ion Ratio Lower Upper
43 100
58 27.5 23.6 35.4





#17

Carbon Disulfide

Concen: 20.228 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 184860

Ion Ratio Lower Upper

76 100

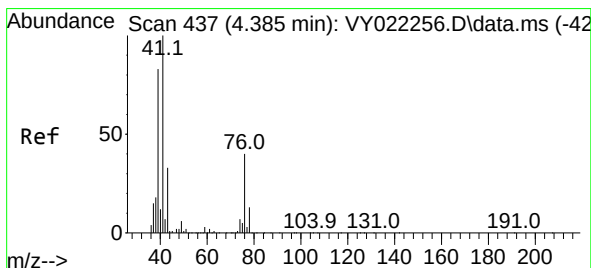
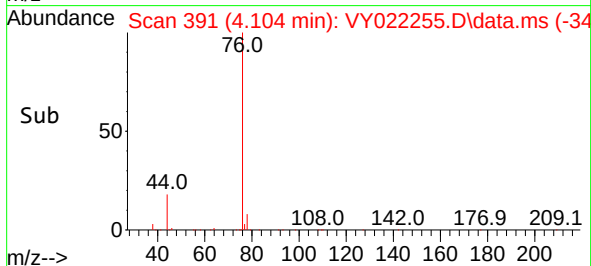
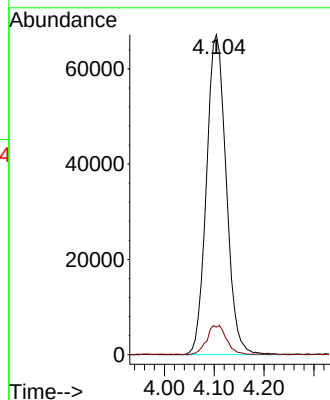
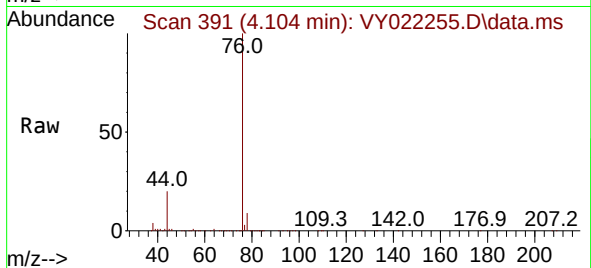
78 8.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#18

Methyl Acetate

Concen: 18.344 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY022255.D

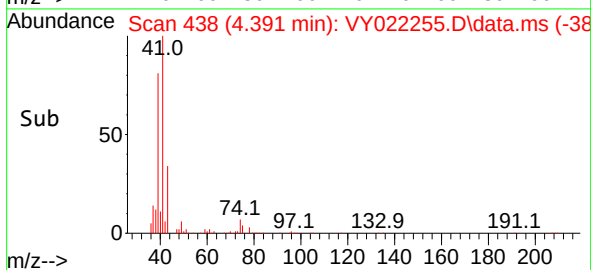
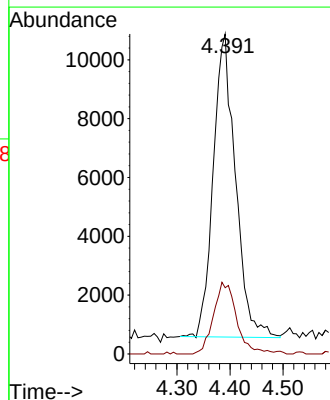
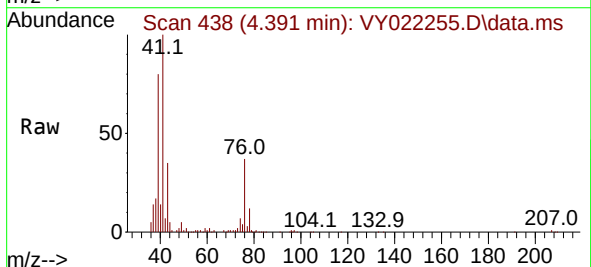
Acq: 15 May 2025 10:39

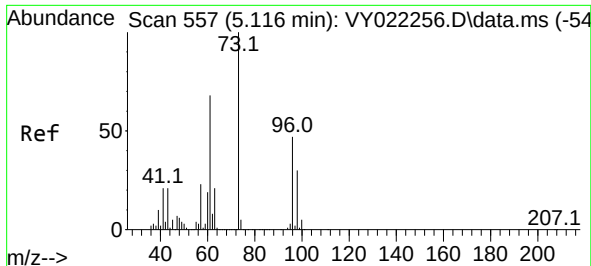
Tgt Ion: 43 Resp: 29969

Ion Ratio Lower Upper

43 100

74 24.6 18.2 27.4





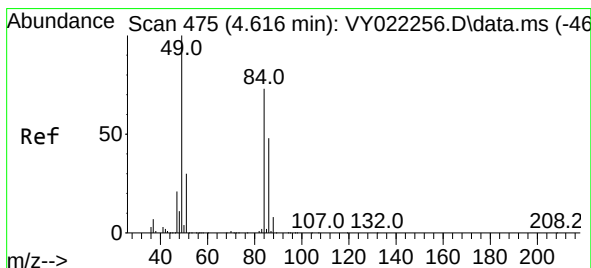
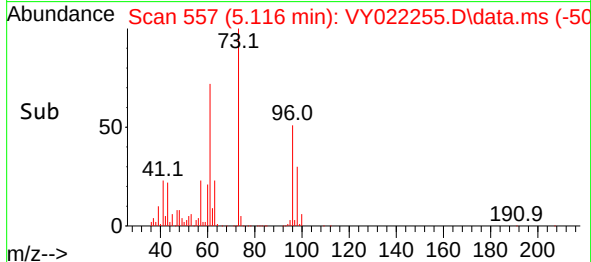
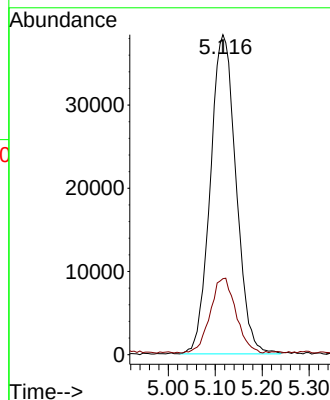
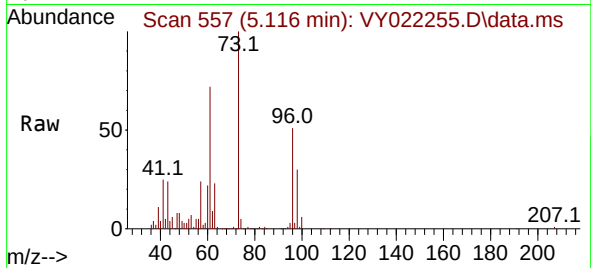
#19
Methyl tert-butyl Ether
Concen: 18.890 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 145970
Ion Ratio Lower Upper
73 100
57 23.2 18.6 28.0

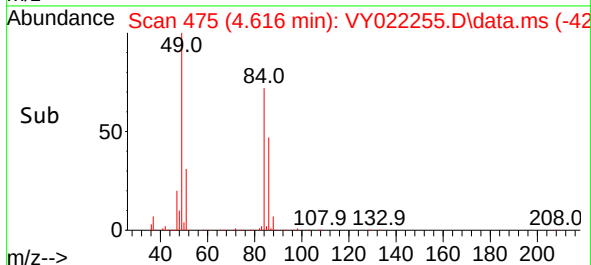
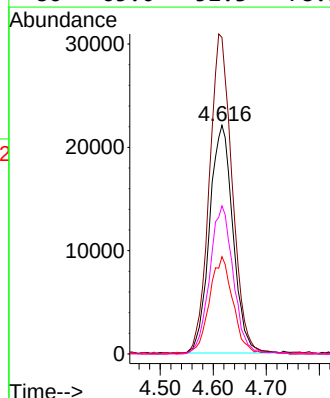
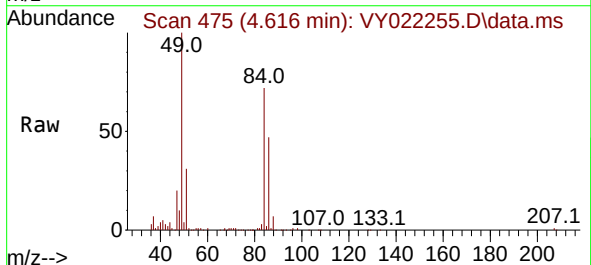
Manual Integrations
APPROVED

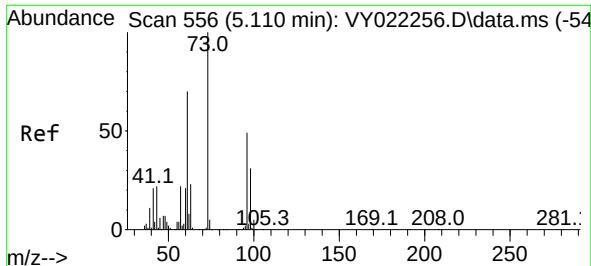
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20
Methylene Chloride
Concen: 19.510 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

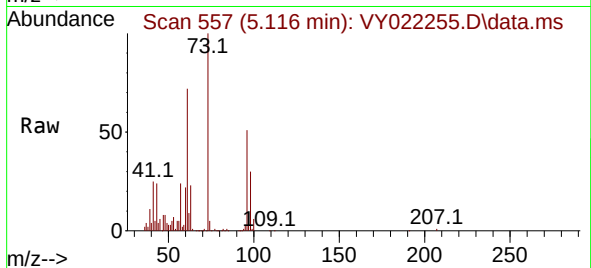
Tgt Ion: 84 Resp: 67687
Ion Ratio Lower Upper
84 100
49 138.7 109.6 164.4
51 42.3 32.4 48.6
86 65.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 20.422 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

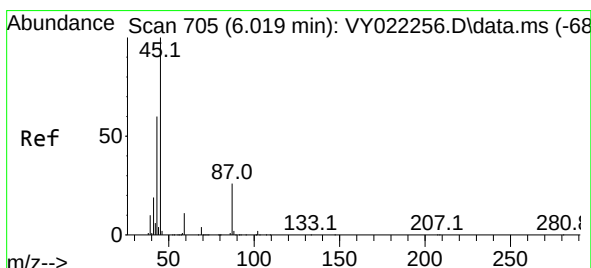
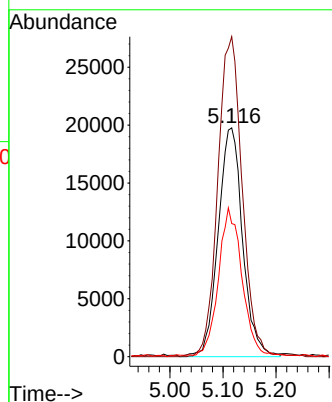
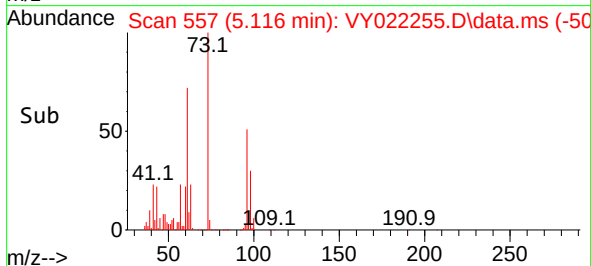
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



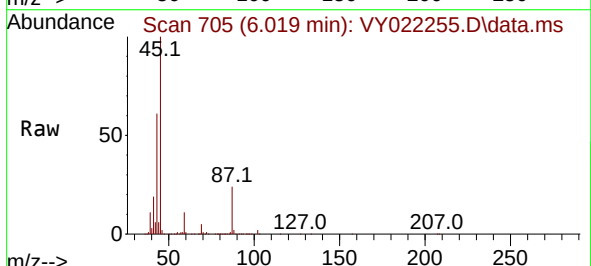
Tgt Ion: 96 Resp: 63174
Ion Ratio Lower Upper
96 100
61 139.8 113.4 170.0
98 57.5 50.9 76.3

Manual Integrations
APPROVED

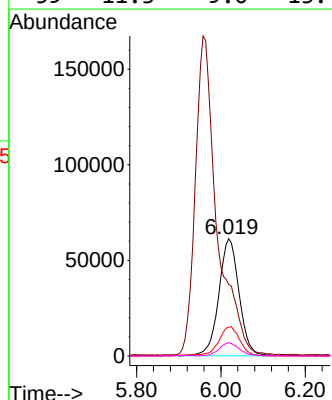
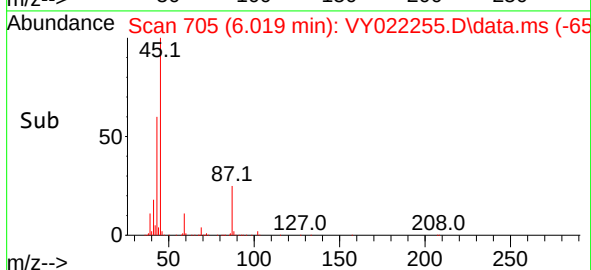
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

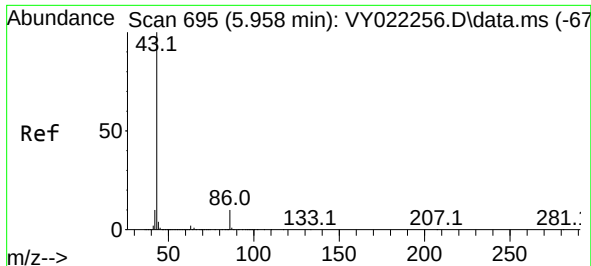


#22
Diisopropyl ether
Concen: 19.558 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



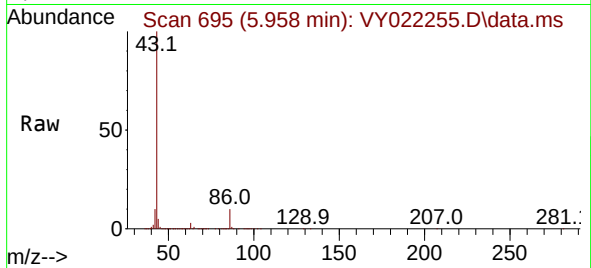
Tgt Ion: 45 Resp: 202960
Ion Ratio Lower Upper
45 100
43 59.9 48.2 72.2
87 24.5 21.4 32.0
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 94.748 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

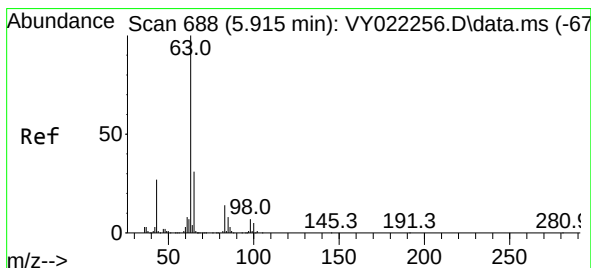
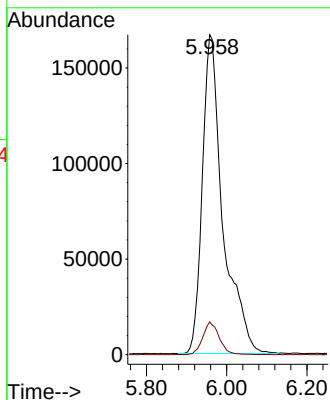
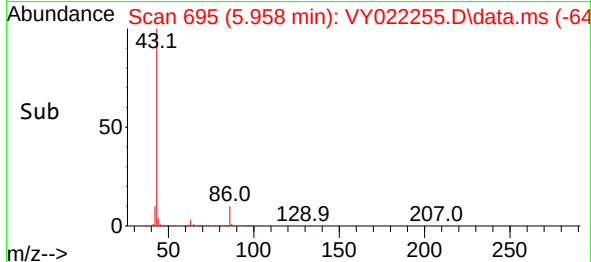
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



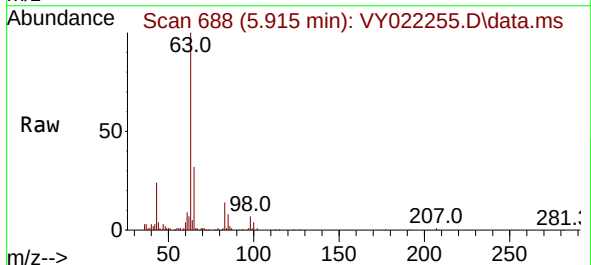
Tgt Ion: 43 Resp: 594019
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

Manual Integrations
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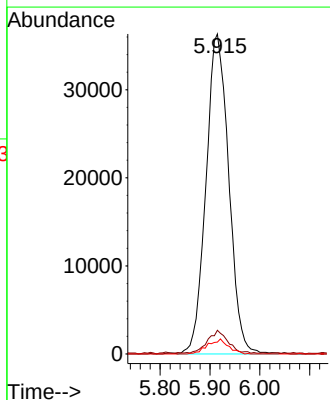
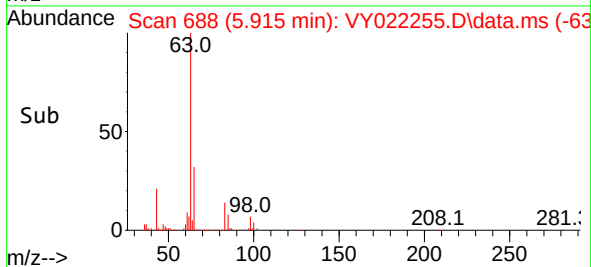
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

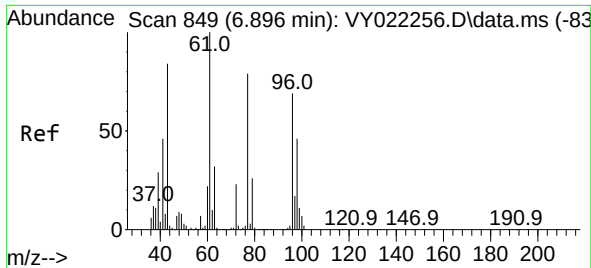


#24
 1,1-Dichloroethane
 Concen: 19.873 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39



Tgt Ion: 63 Resp: 115217
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 3.7 2.4 7.2





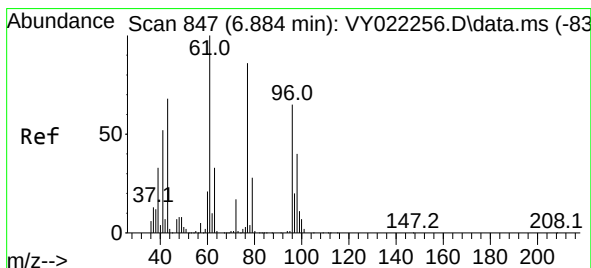
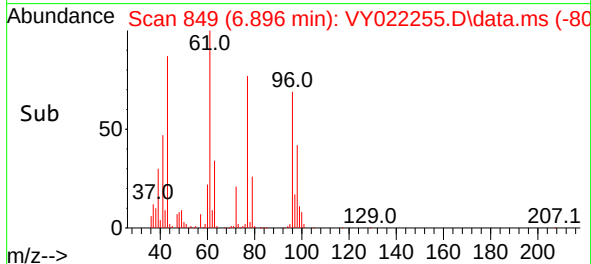
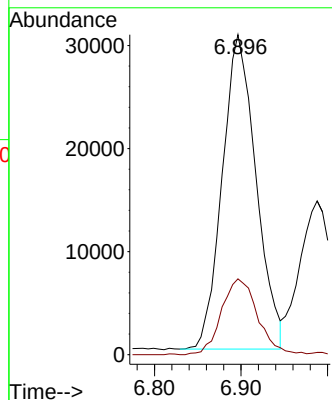
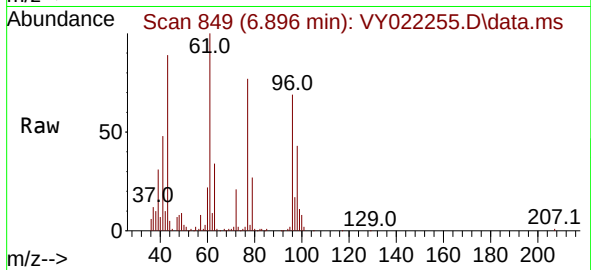
#25
2-Butanone
Concen: 92.157 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 82768
Ion Ratio Lower Upper
43 100
72 24.1 22.1 33.1

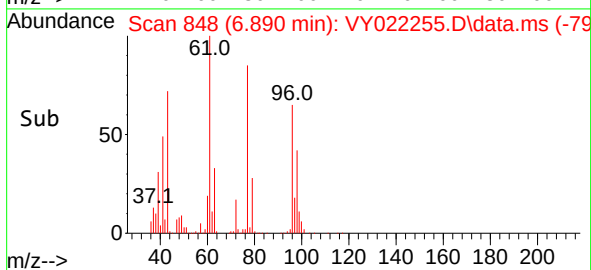
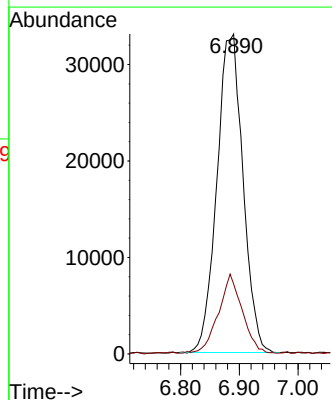
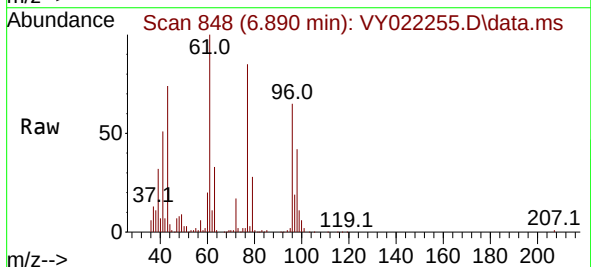
Manual Integrations
APPROVED

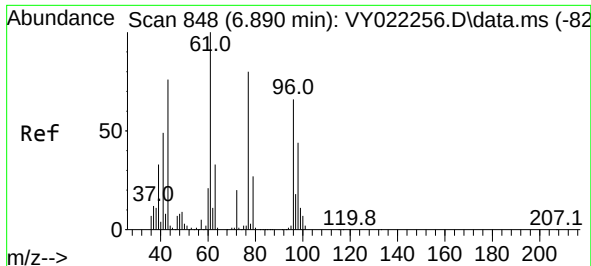
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#26
2,2-Dichloropropane
Concen: 19.727 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

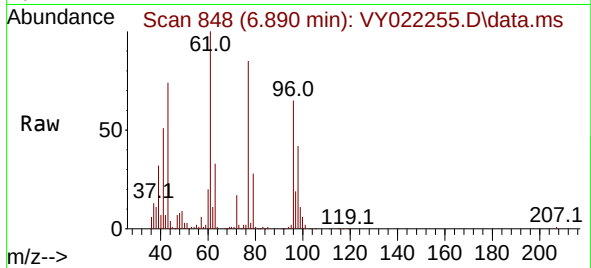
Tgt Ion: 77 Resp: 101725
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.611 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

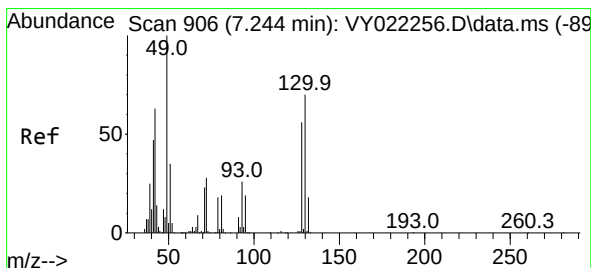
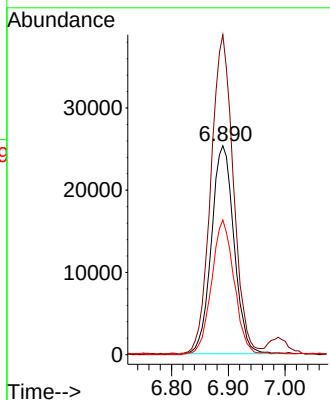
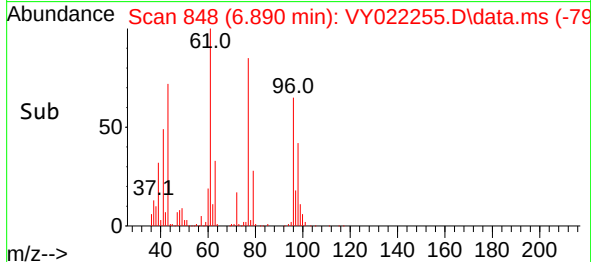
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 7000
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 302.6
 98 64.1 0.0 128.8

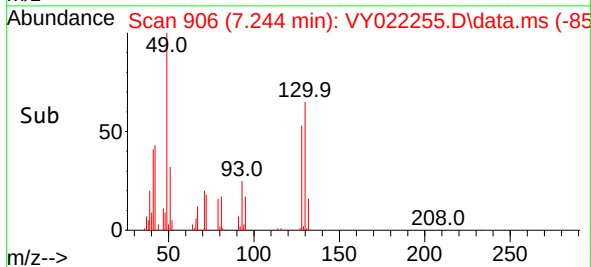
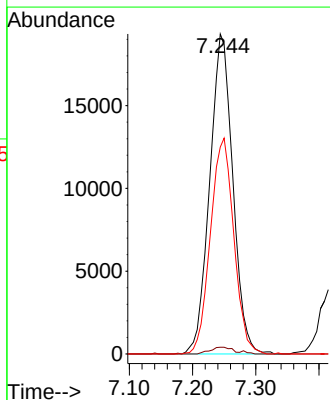
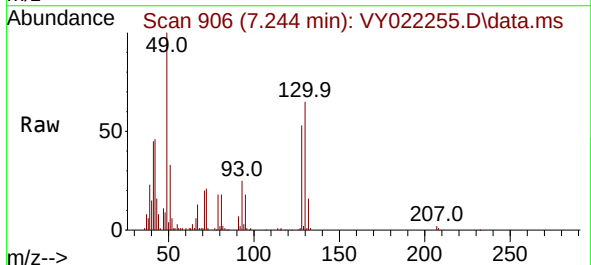
Manual Integrations
 APPROVED

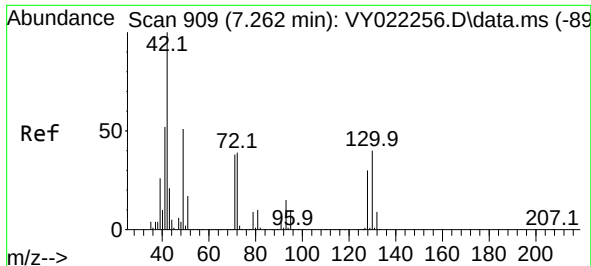
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#28
 Bromochloromethane
 Concen: 19.787 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

Tgt Ion: 49 Resp: 48933
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 68.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 92.122 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

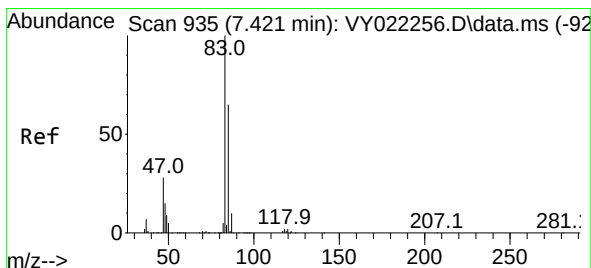
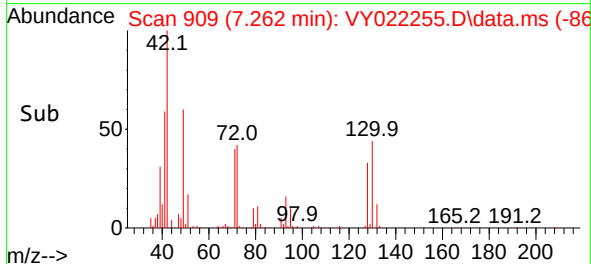
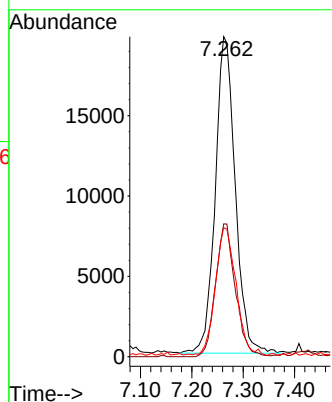
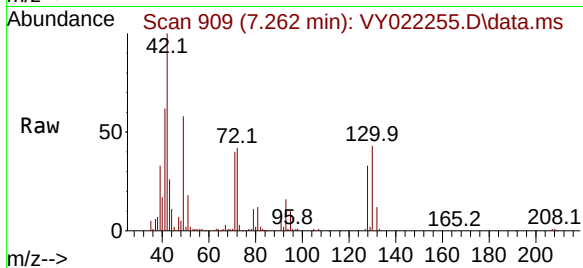
VSTDIC020

Tgt Ion:	42	Resp:	53229
Ion Ratio	Lower	Upper	
42	100		
72	41.6	33.8	50.6
71	41.5	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#30

Chloroform

Concen: 20.107 ug/l

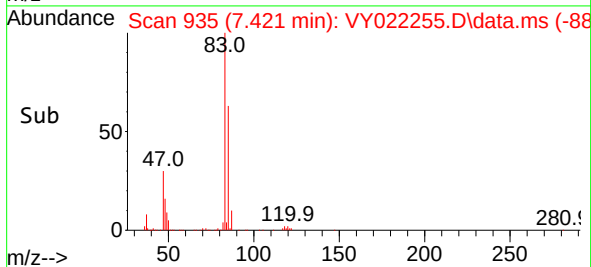
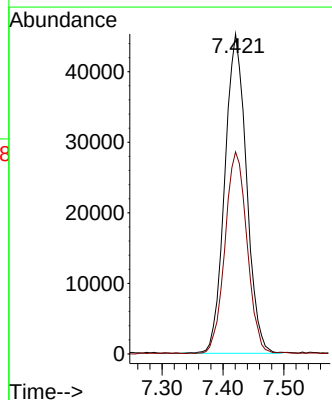
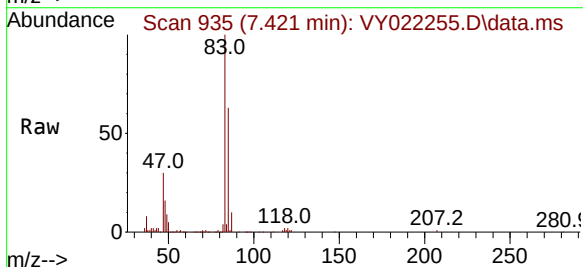
RT: 7.421 min Scan# 935

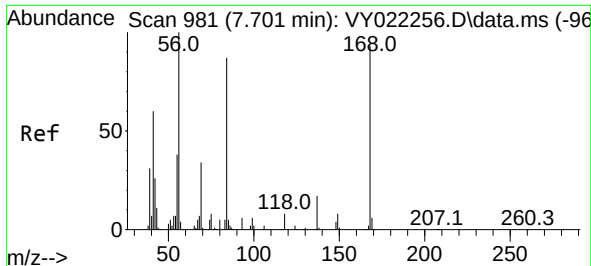
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

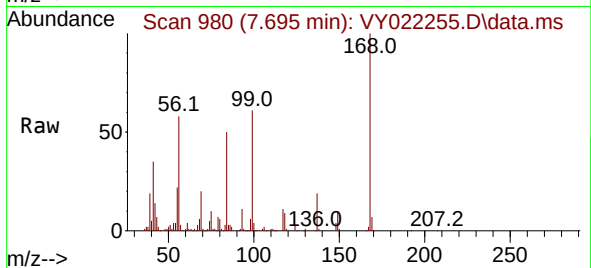
Tgt Ion:	83	Resp:	111815
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.8	77.8





#31
Cyclohexane
Concen: 19.486 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

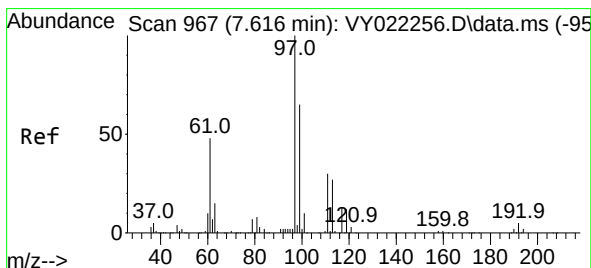
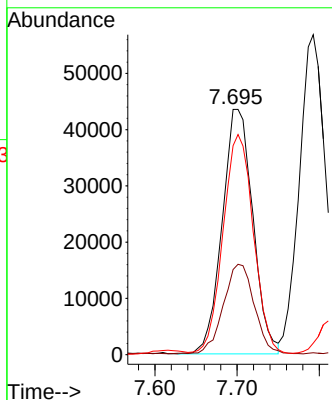
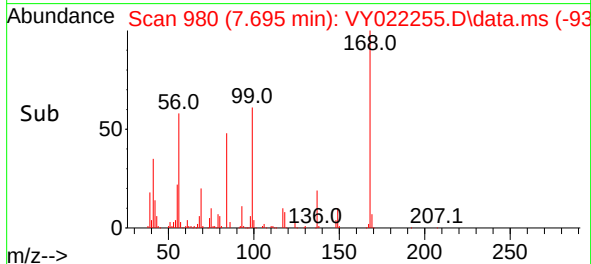
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



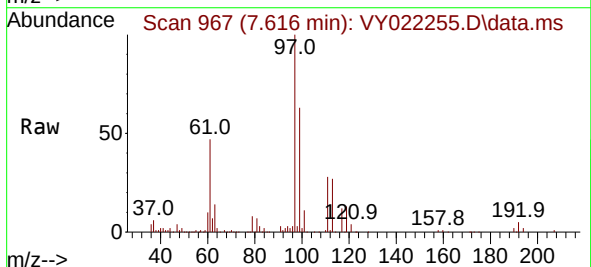
Tgt Ion: 56 Resp: 112870
Ion Ratio Lower Upper
56 100
69 34.2 27.4 41.2
84 84.0 70.0 105.0

Manual Integrations
APPROVED

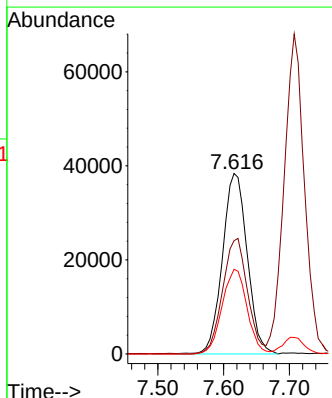
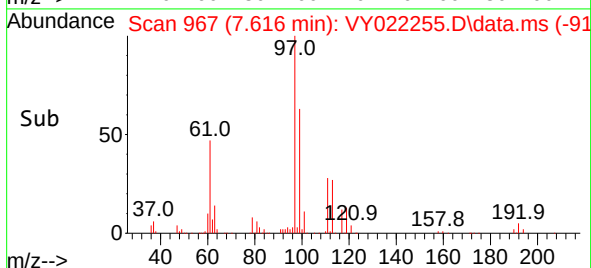
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

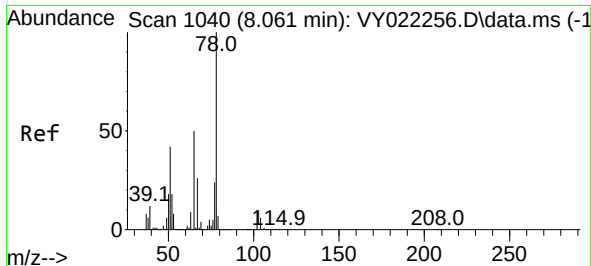


#32
1,1,1-Trichloroethane
Concen: 19.721 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion: 97 Resp: 100618
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 47.2 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 19.284 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 5522

Ion Ratio Lower Upper

65 100

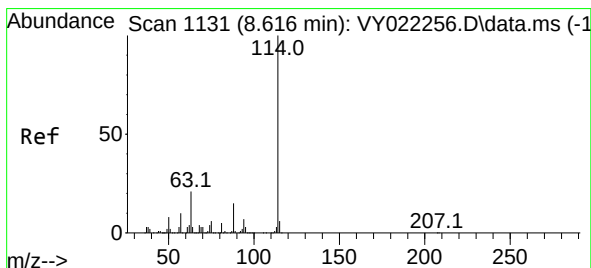
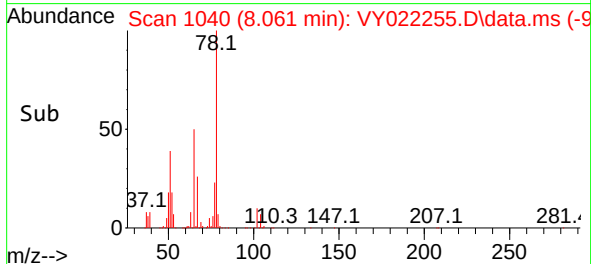
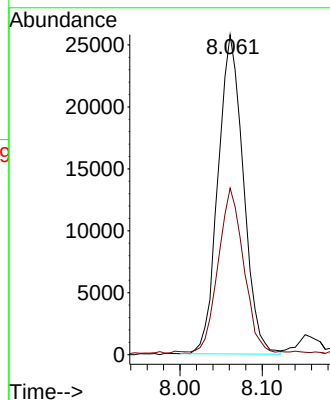
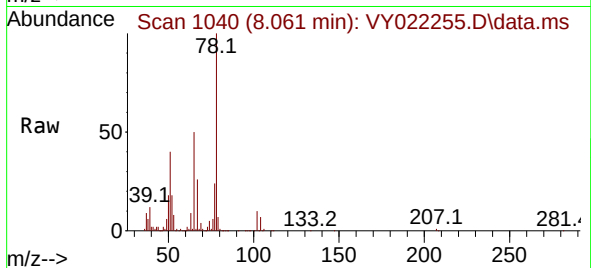
67 50.9 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

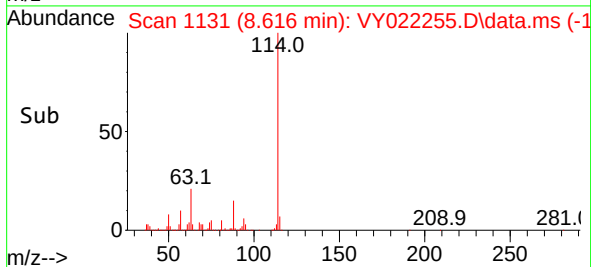
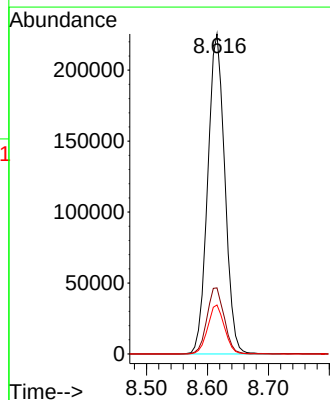
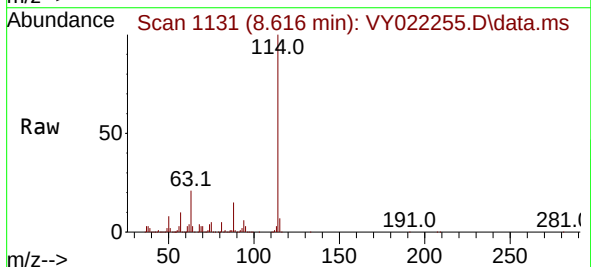
Tgt Ion:114 Resp: 439816

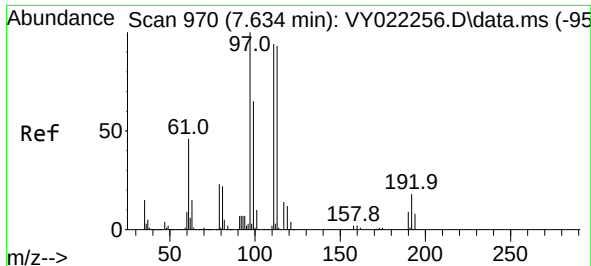
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 15.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 19.683 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

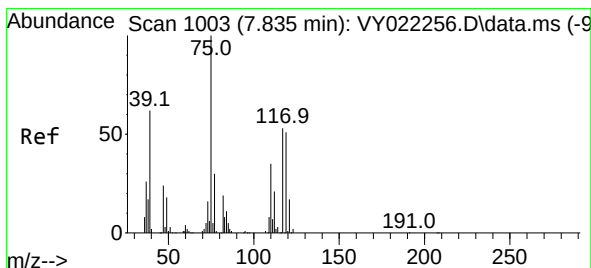
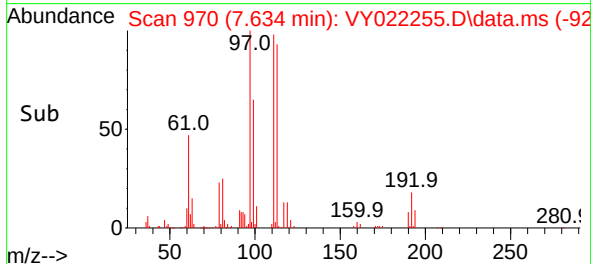
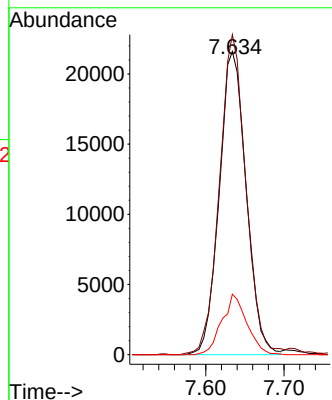
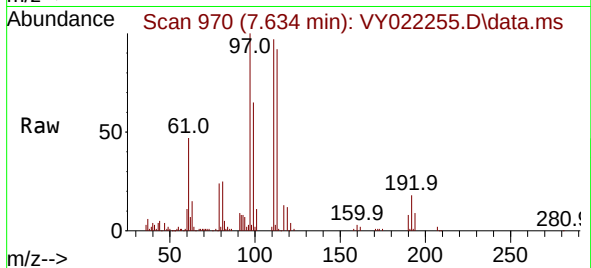
VSTDIC020

Tgt Ion:	113	Resp:	51670
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	18.5	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#36

1,1-Dichloropropene

Concen: 19.841 ug/l

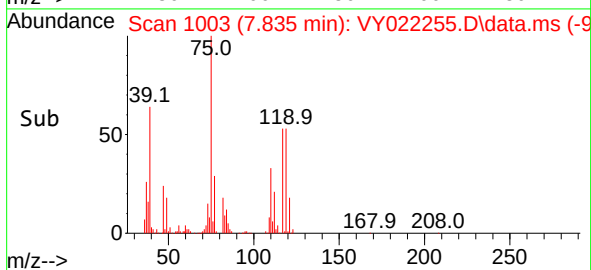
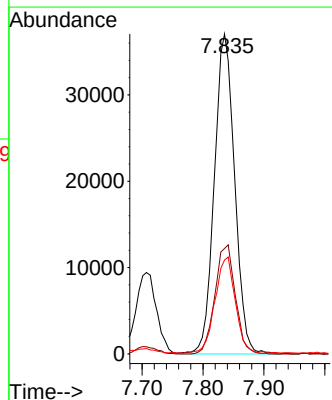
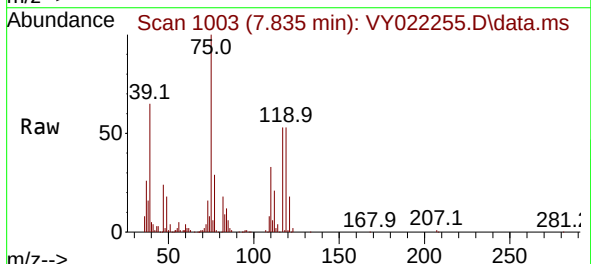
RT: 7.835 min Scan# 1003

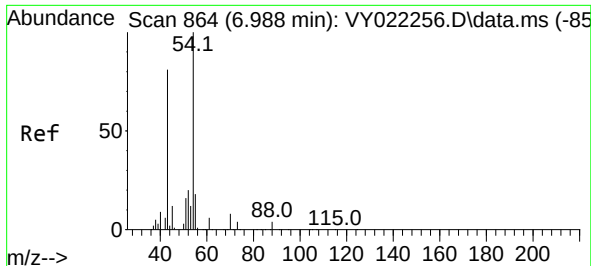
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion:	75	Resp:	85789
Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.6	49.8
77	30.2	24.6	37.0





#37

Ethyl Acetate

Concen: 18.497 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 3848

Ion Ratio Lower Upper

43 100

61 12.6 10.2 15.2

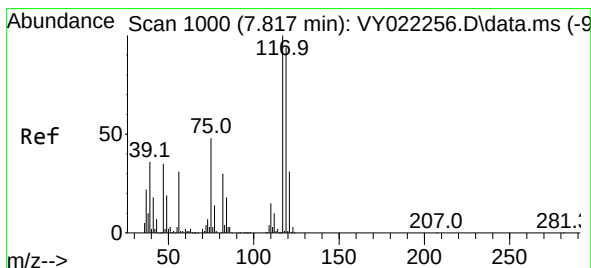
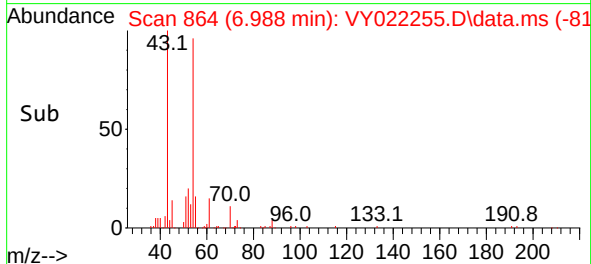
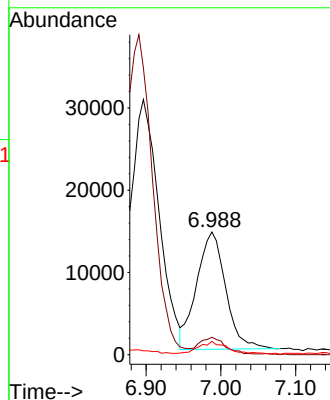
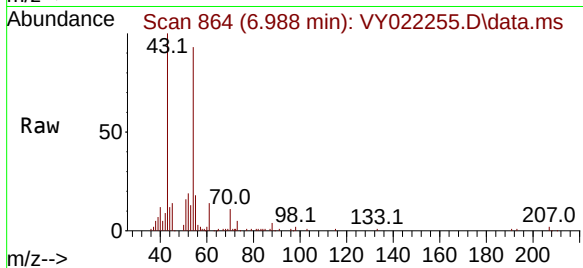
70 9.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#38

Carbon Tetrachloride

Concen: 19.410 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

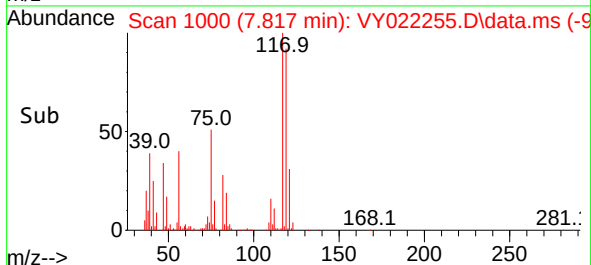
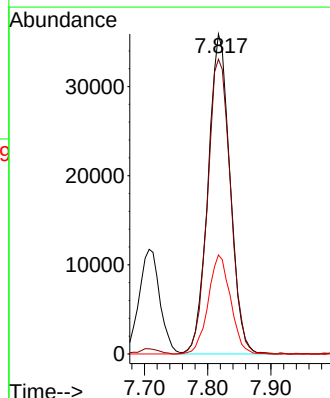
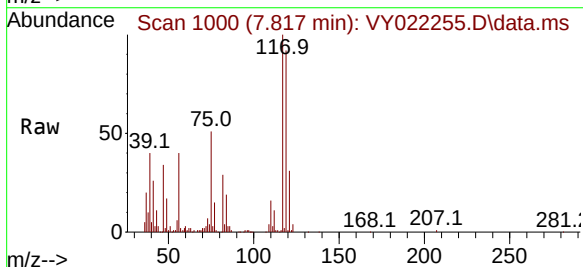
Tgt Ion:117 Resp: 86871

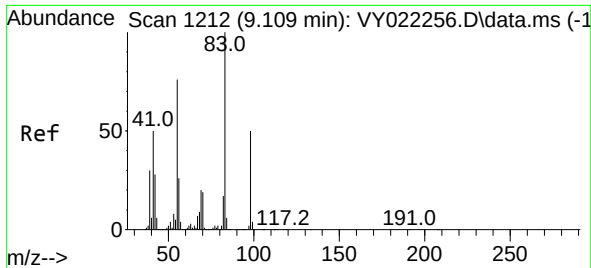
Ion Ratio Lower Upper

117 100

119 91.9 75.3 112.9

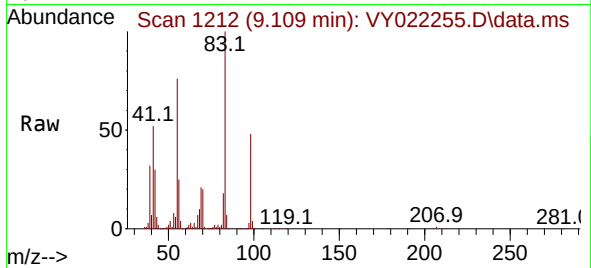
121 31.0 24.7 37.1





#39
Methylcyclohexane
Concen: 19.540 ug/l
RT: 9.109 min Scan# 11351
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

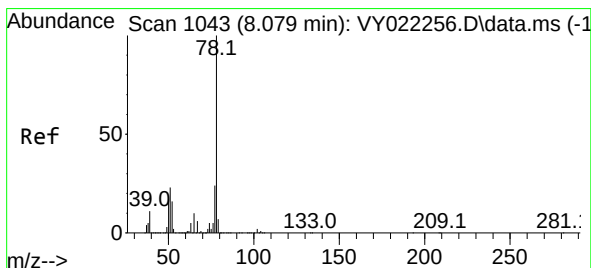
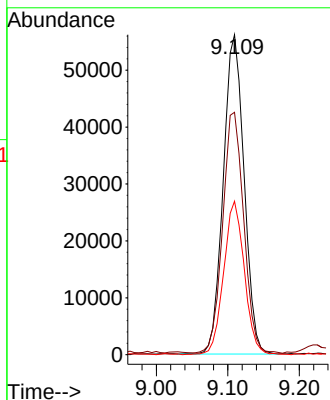
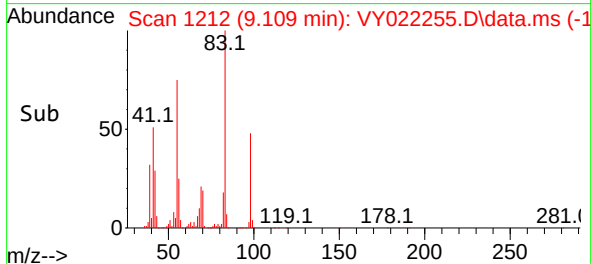
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



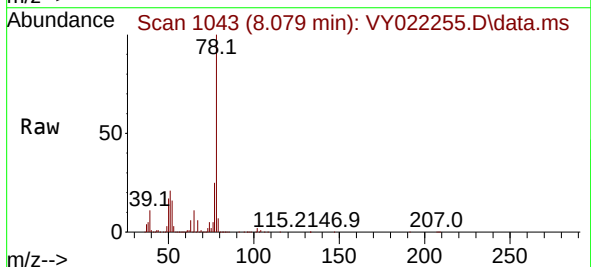
Tgt Ion: 83 Resp: 11351
Ion Ratio Lower Upper
83 100
55 75.2 60.6 90.8
98 47.9 40.0 60.0

Manual Integrations
APPROVED

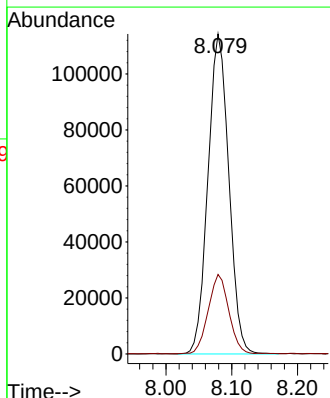
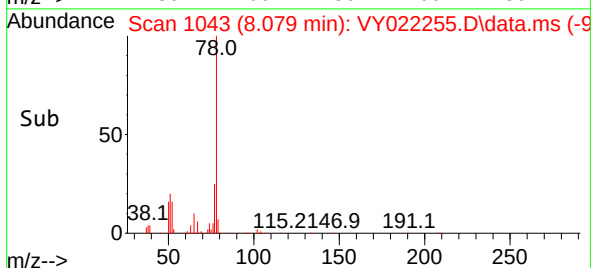
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

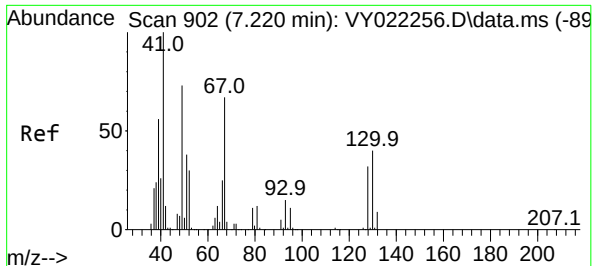


#40
Benzene
Concen: 19.700 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion: 78 Resp: 252507
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3





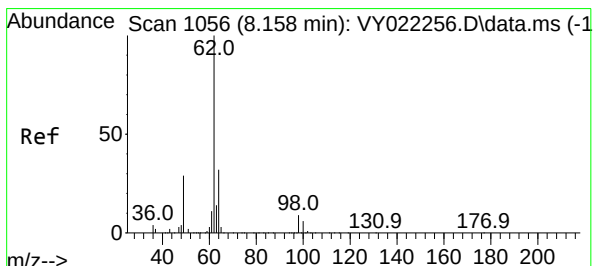
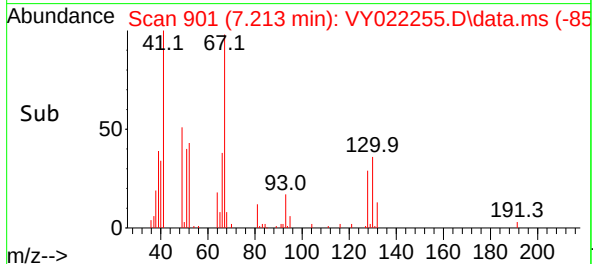
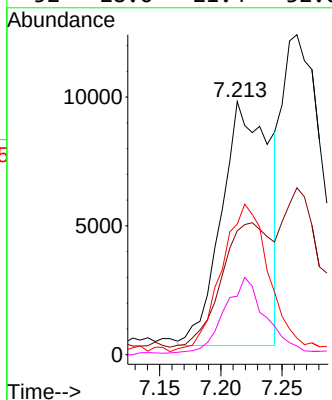
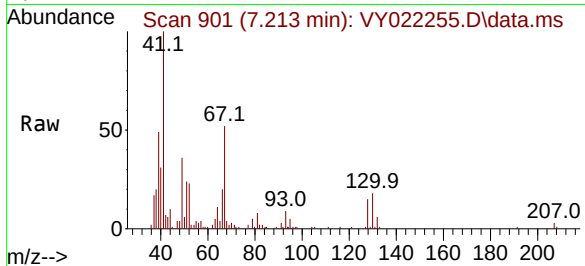
#41
Methacrylonitrile
Concen: 17.085 ug/l m
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 26008
Ion Ratio Lower Upper
41 100
39 53.1 39.1 58.7
67 60.9 47.1 70.7
52 28.6 21.4 32.0

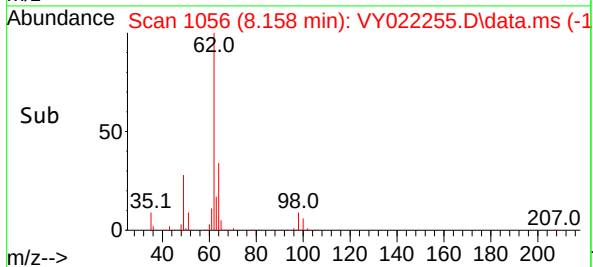
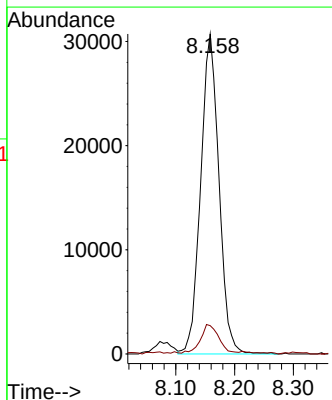
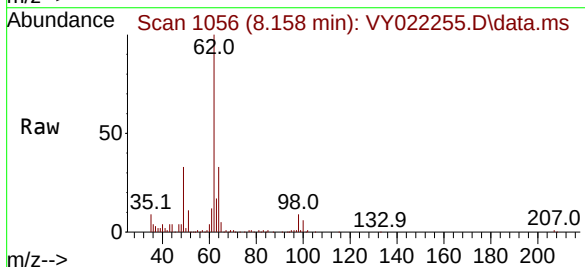
Manual Integrations
APPROVED

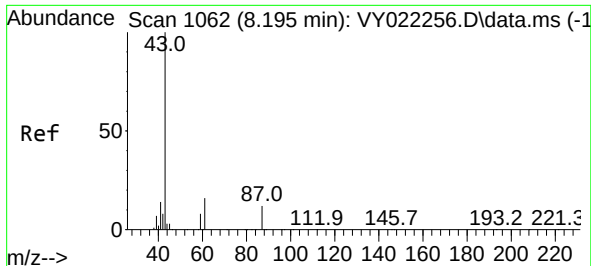
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 19.192 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

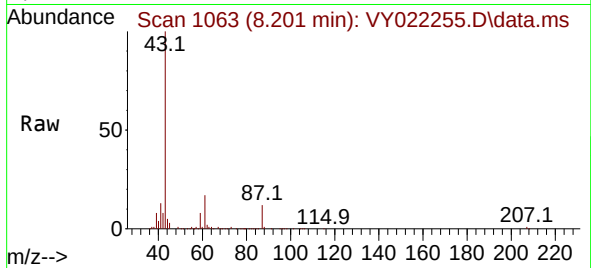
Tgt Ion: 62 Resp: 66525
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.4





#43
Isopropyl Acetate
Concen: 18.631 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

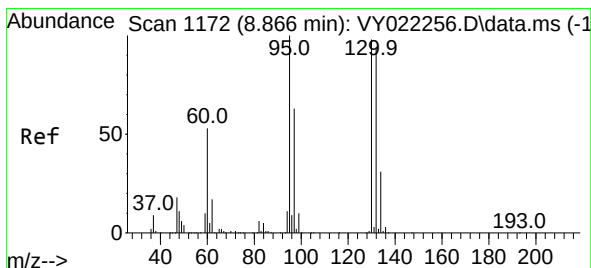
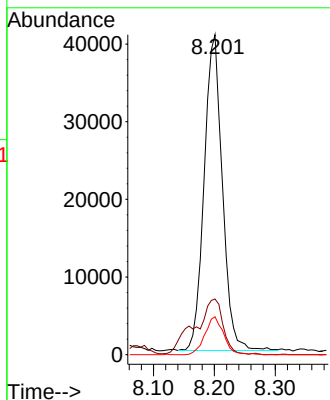
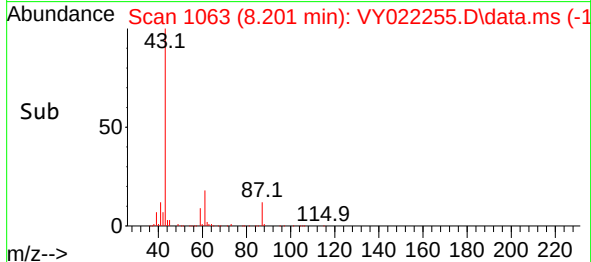
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 8453
Ion Ratio Lower Upper
43 100
61 17.1 15.1 22.7
87 12.3 9.7 14.5

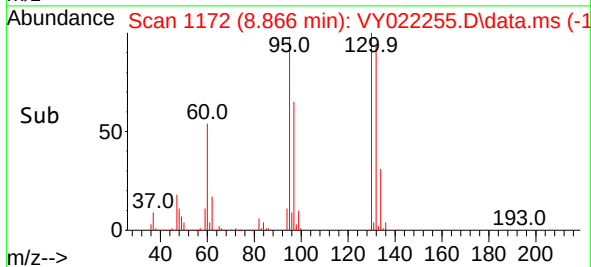
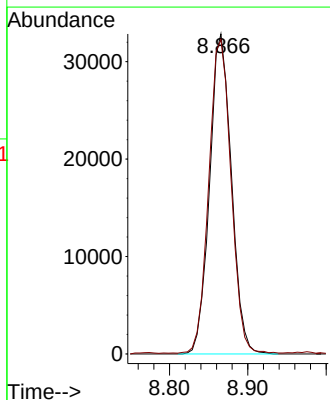
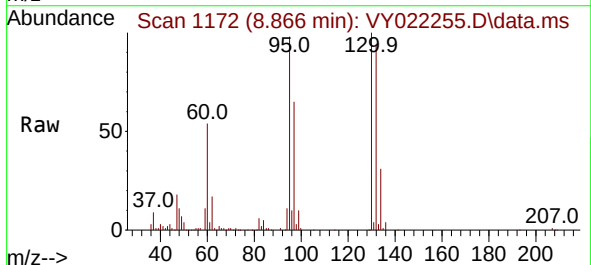
Manual Integrations
APPROVED

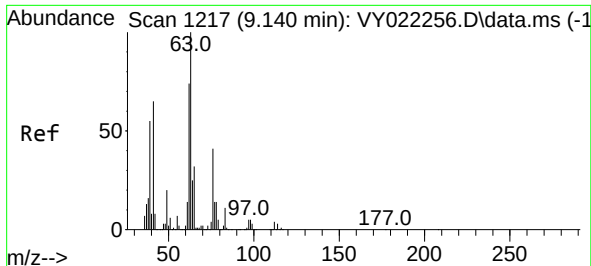
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#44
Trichloroethene
Concen: 19.904 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion:130 Resp: 63438
Ion Ratio Lower Upper
130 100
95 98.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.557 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 60438

Ion Ratio Lower Upper

63 100

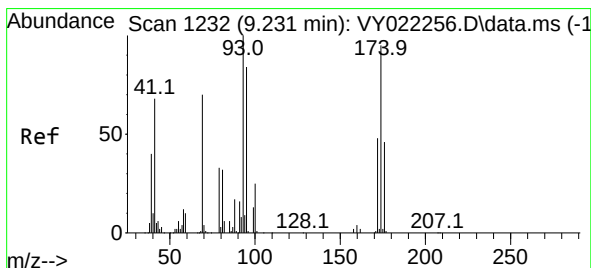
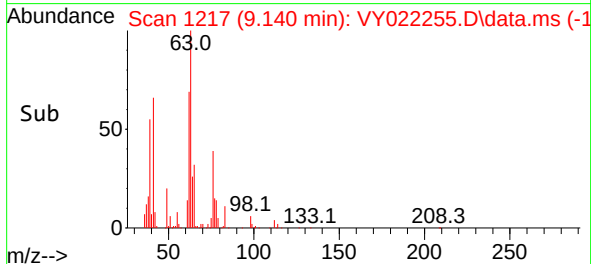
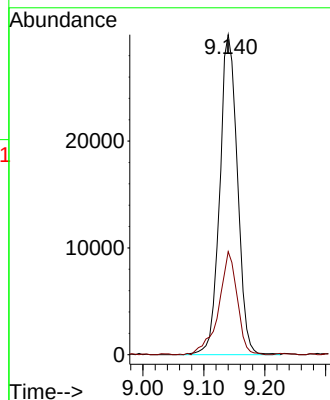
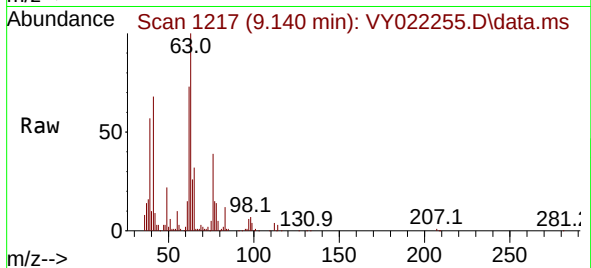
65 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 19.050 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

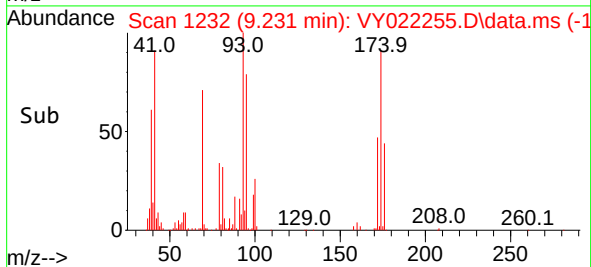
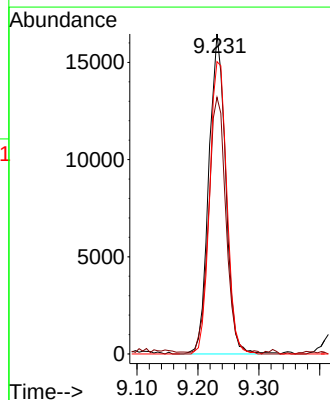
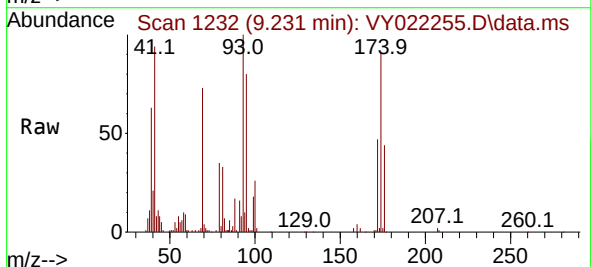
Tgt Ion: 93 Resp: 31752

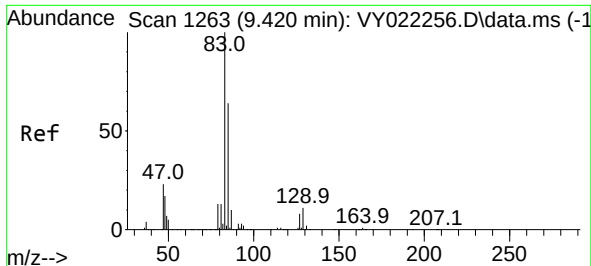
Ion Ratio Lower Upper

93 100

95 82.8 65.2 97.8

174 92.4 74.3 111.5





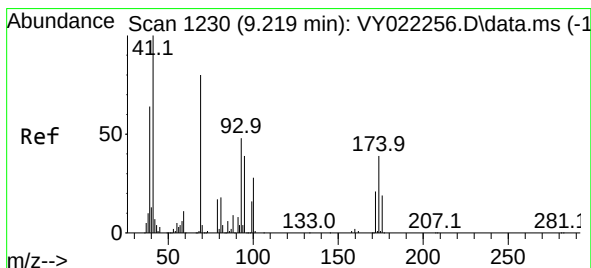
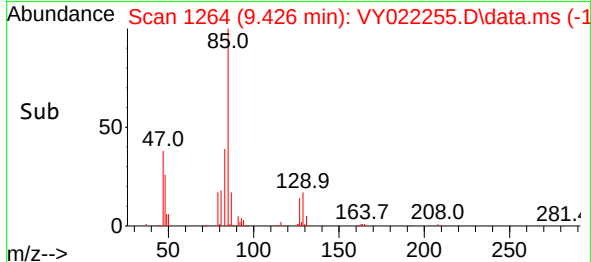
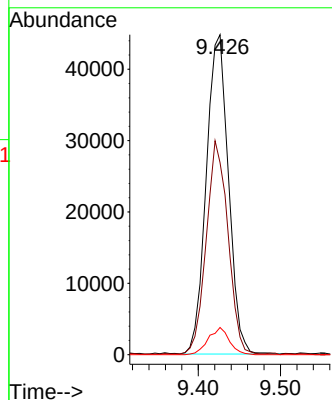
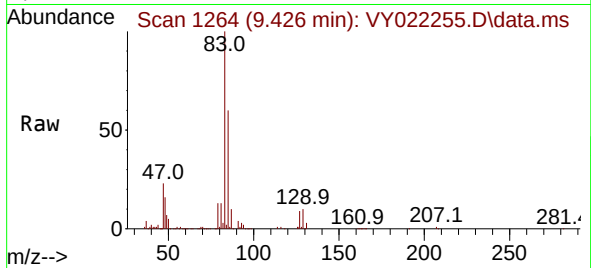
#47
Bromodichloromethane
Concen: 19.385 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 8382
Ion Ratio Lower Upper
83 100
85 60.2 51.1 76.7
127 8.5 6.6 10.0

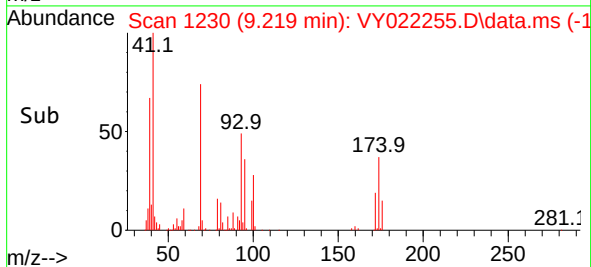
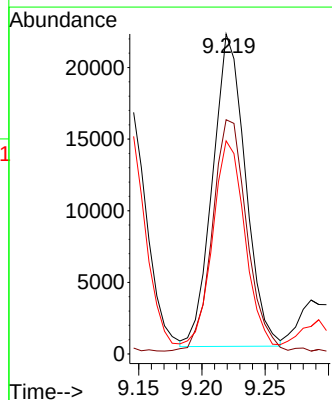
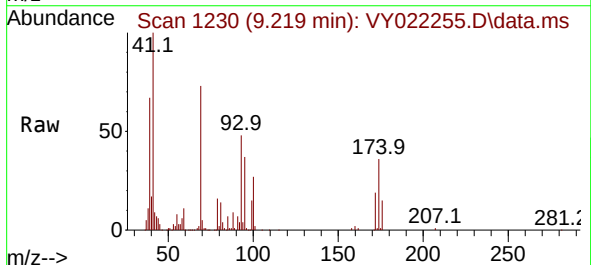
Manual Integrations
APPROVED

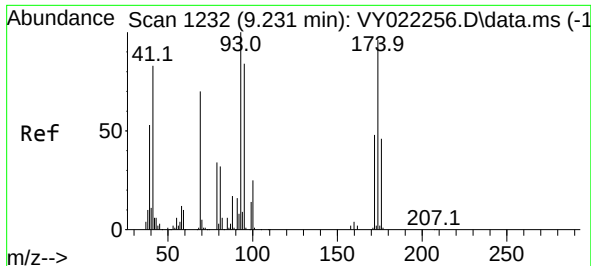
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48
Methyl methacrylate
Concen: 18.563 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion: 41 Resp: 39387
Ion Ratio Lower Upper
41 100
69 77.5 63.5 95.3
39 63.4 50.8 76.2





#49

1,4-Dioxane

Concen: 388.323 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

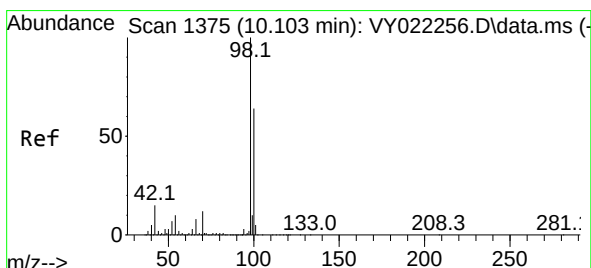
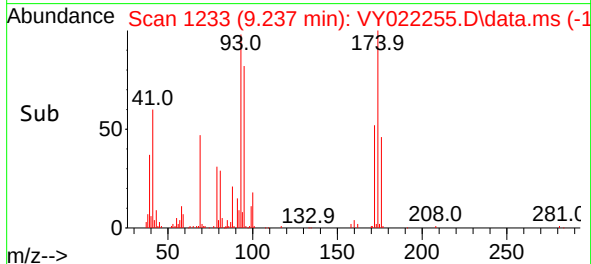
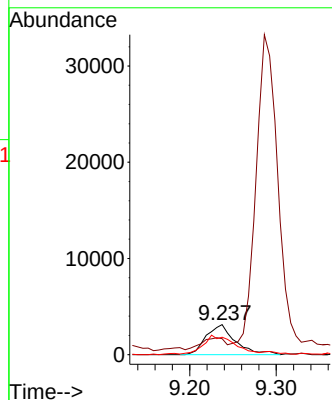
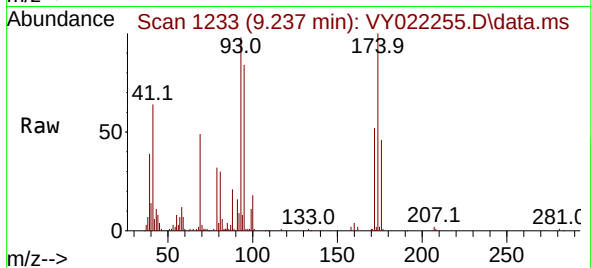
VSTDICC020

Tgt Ion: 88	Resp: 731
Ion Ratio	Lower Upper
88 100	
43 31.6	28.5 42.7
58 71.1	61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#50

Toluene-d8

Concen: 19.552 ug/l

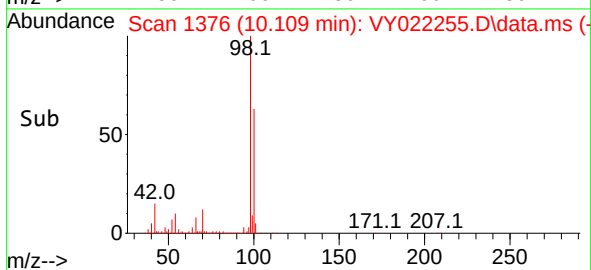
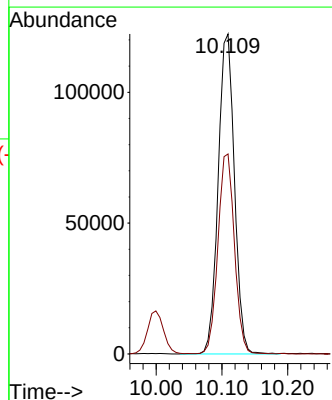
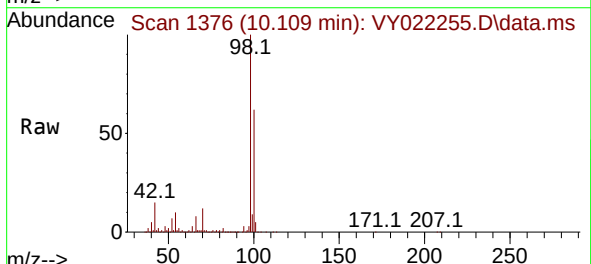
RT: 10.109 min Scan# 1376

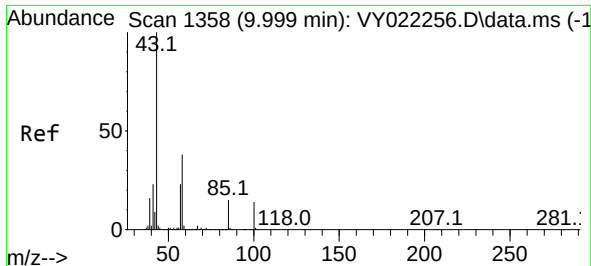
Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion: 98	Resp: 210206
Ion Ratio	Lower Upper
98 100	
100 63.4	51.8 77.8





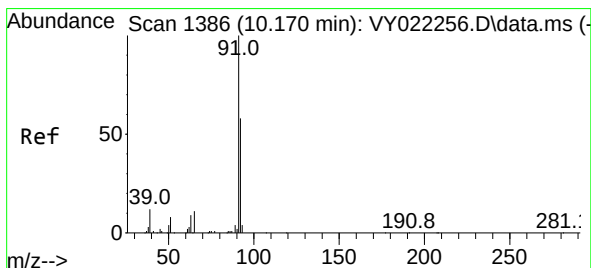
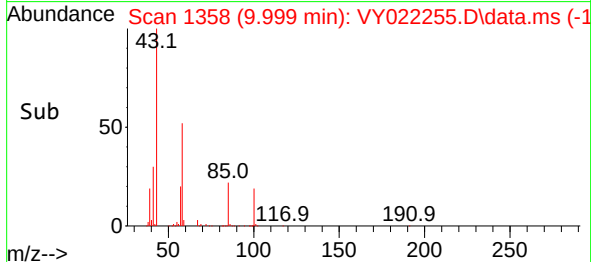
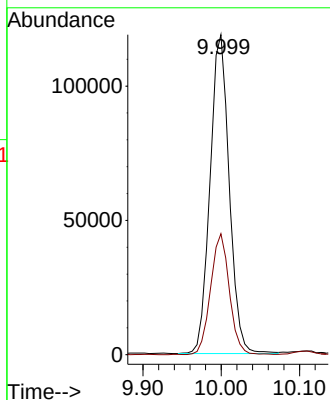
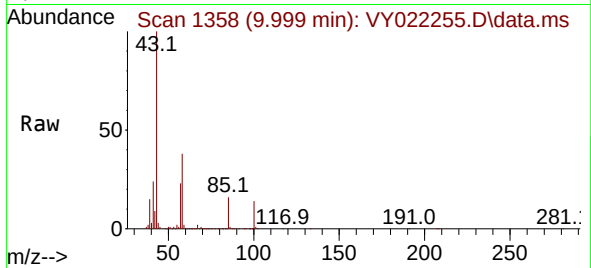
#51
4-Methyl-2-Pentanone
Concen: 90.940 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 202454
Ion Ratio Lower Upper
43 100
58 37.2 29.4 44.2

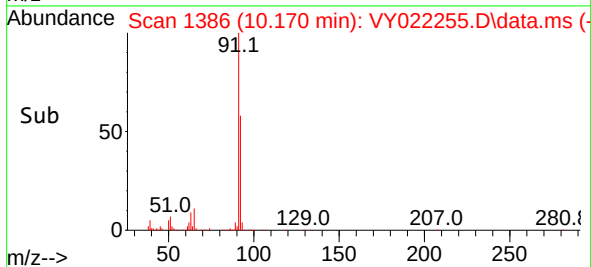
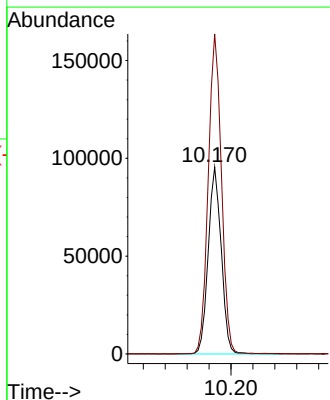
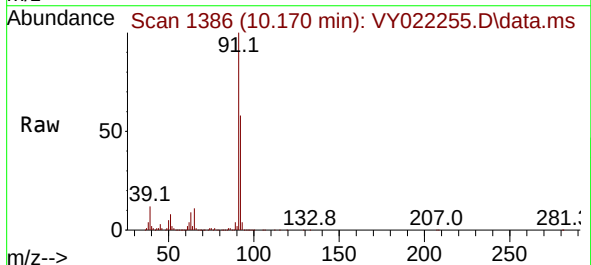
Manual Integrations
APPROVED

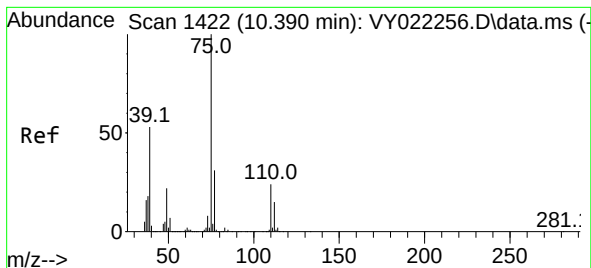
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 19.281 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion: 92 Resp: 156498
Ion Ratio Lower Upper
92 100
91 173.5 139.1 208.7





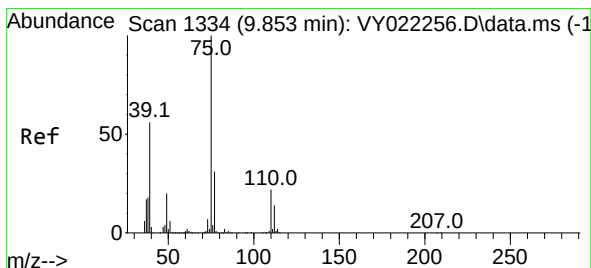
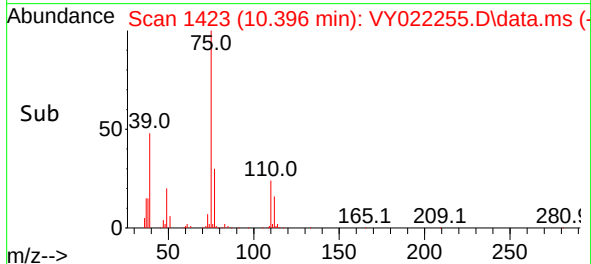
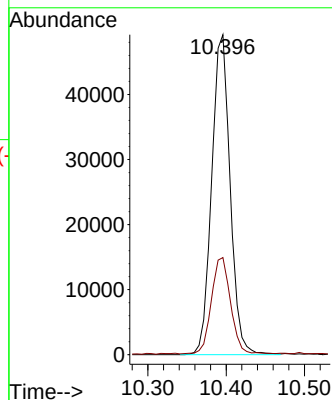
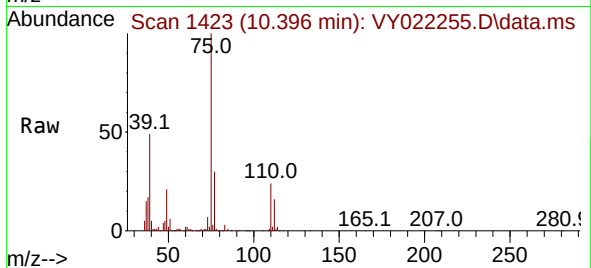
#53
t-1,3-Dichloropropene
Concen: 19.056 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 8041
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.6

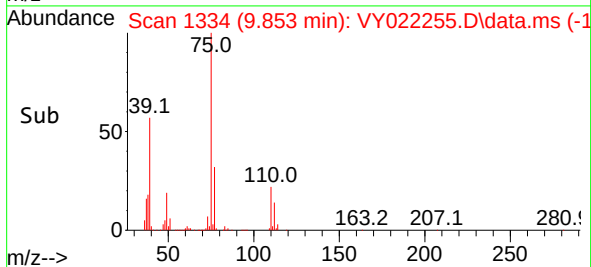
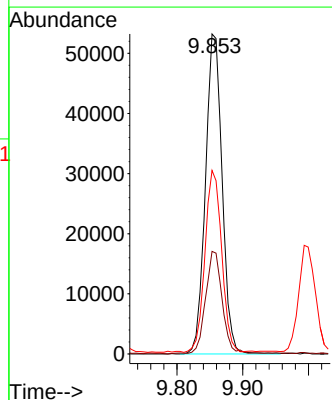
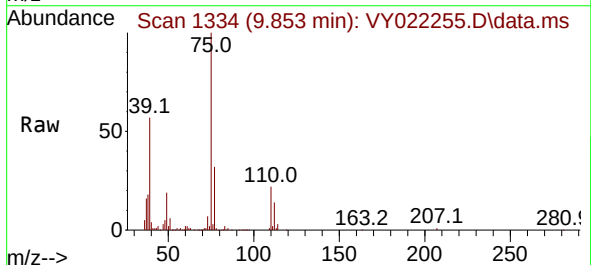
Manual Integrations
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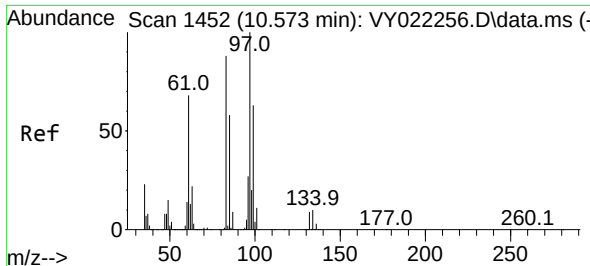
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 19.458 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

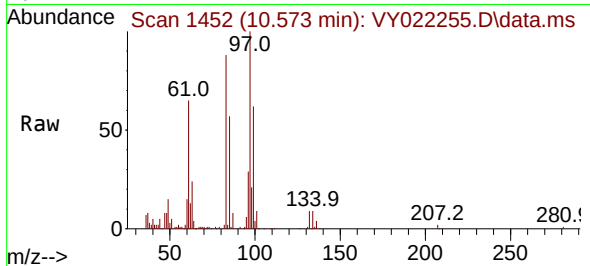
Tgt Ion: 75 Resp: 94074
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
39 56.6 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 19.149 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

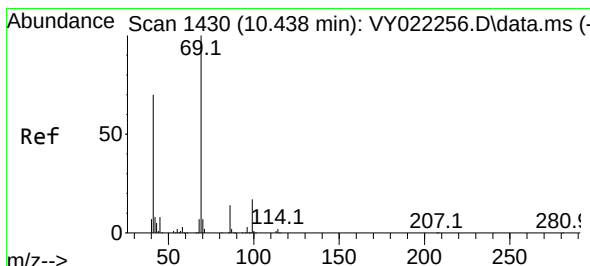
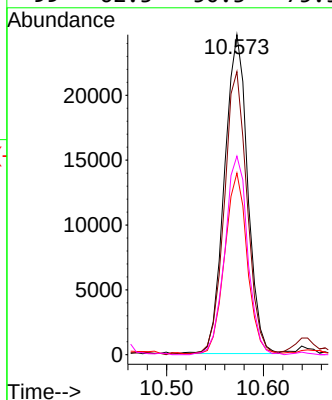
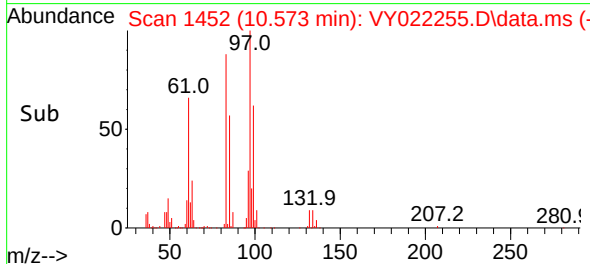


Tgt Ion: 97 Resp: 40872

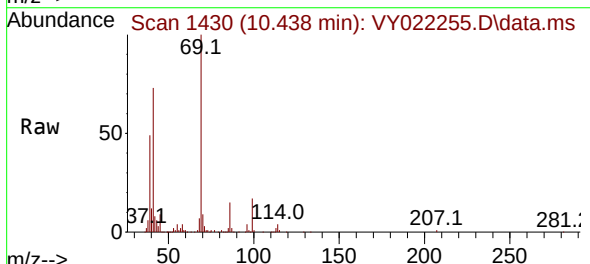
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.3	105.5
85	56.5	46.2	69.4
99	62.3	50.3	75.5

Manual Integrations
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Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

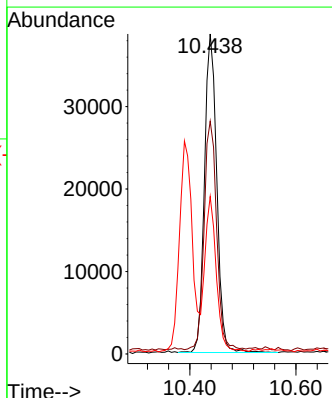
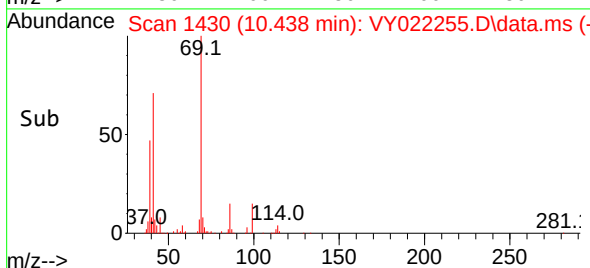


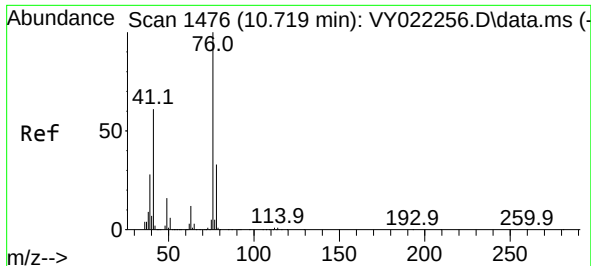
#56
Ethyl methacrylate
Concen: 18.706 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion: 69 Resp: 62193

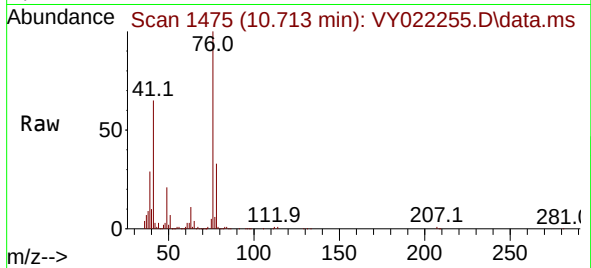
Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.5	84.7
39	44.2	37.1	55.7





#57
1,3-Dichloropropane
Concen: 19.175 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

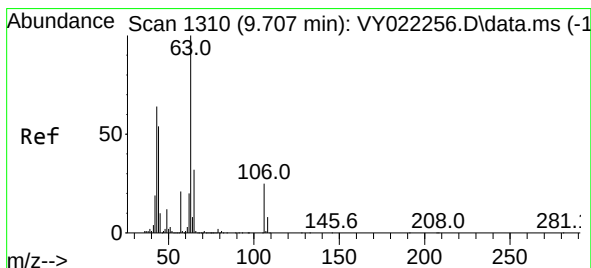
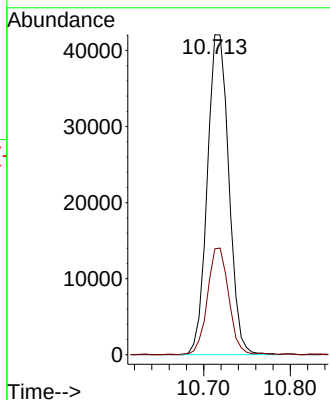
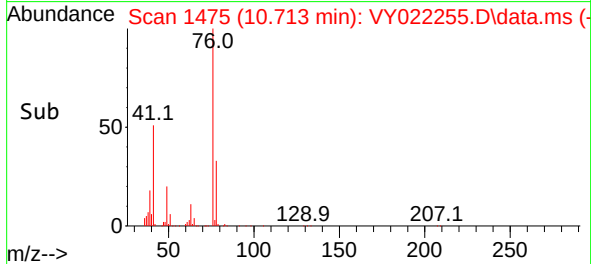
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



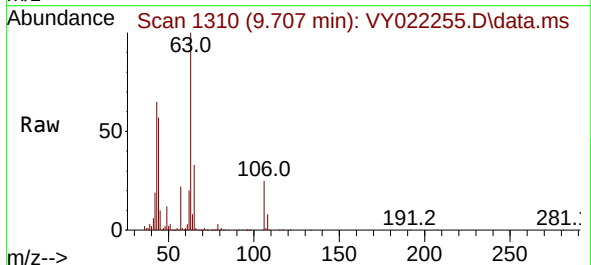
Tgt Ion: 76 Resp: 72715
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.8

Manual Integrations
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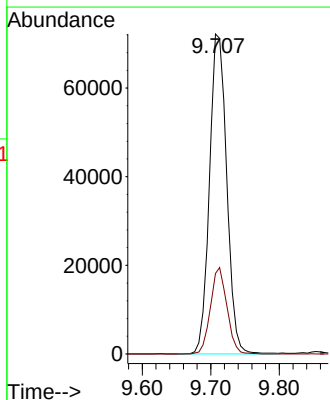
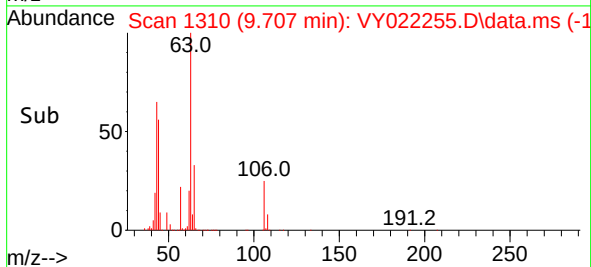
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

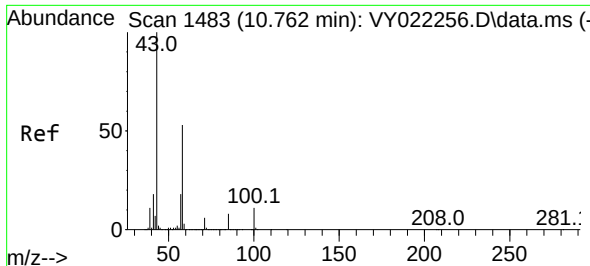


#58
2-Chloroethyl Vinyl ether
Concen: 84.595 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



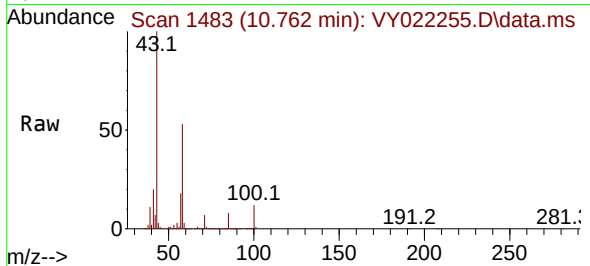
Tgt Ion: 63 Resp: 126240
Ion Ratio Lower Upper
63 100
106 25.7 21.0 31.4





#59
2-Hexanone
Concen: 88.766 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

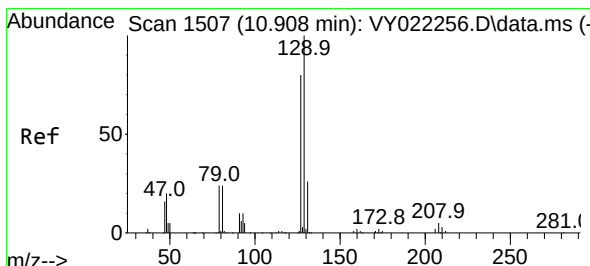
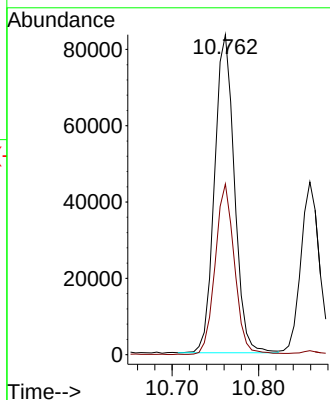
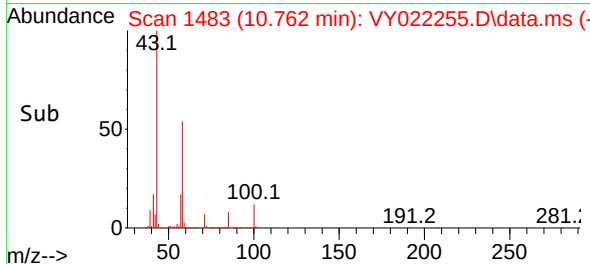
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 132490
Ion Ratio Lower Upper
43 100
58 52.4 26.1 78.3

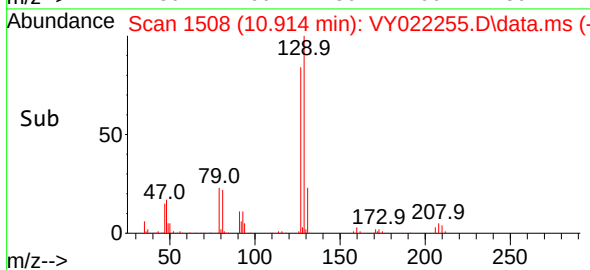
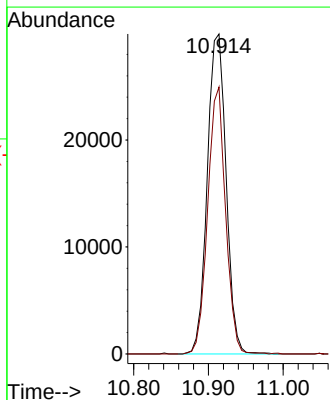
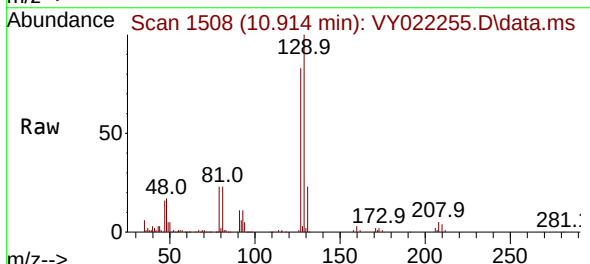
Manual Integrations
APPROVED

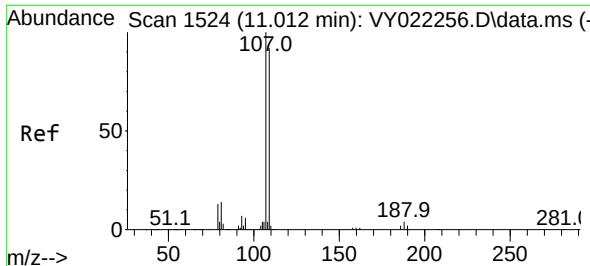
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 18.898 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

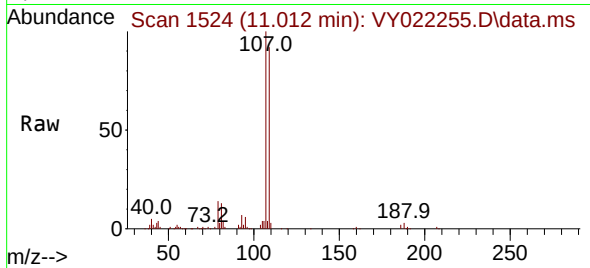
Tgt Ion:129 Resp: 52353
Ion Ratio Lower Upper
129 100
127 79.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 18.969 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

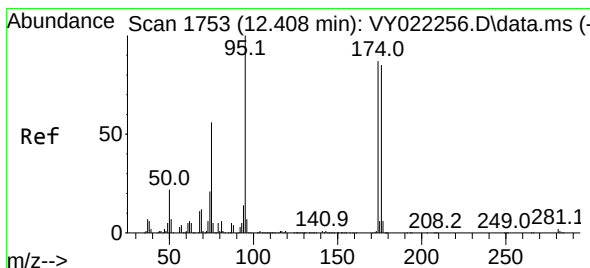
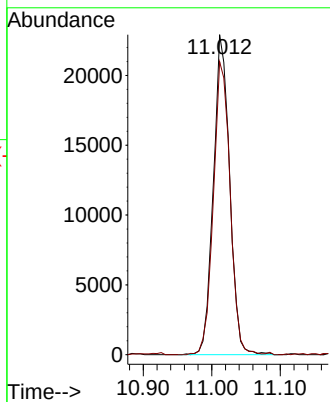
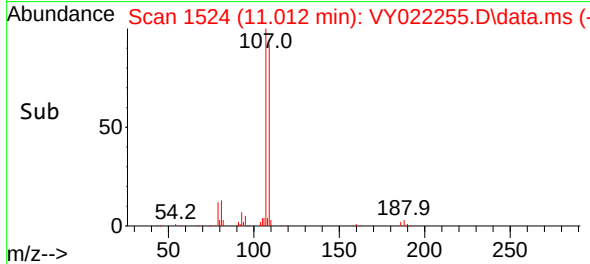
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



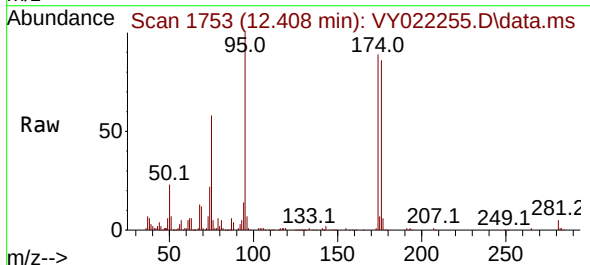
Tgt Ion:107 Resp: 37735
Ion Ratio Lower Upper
107 100
109 94.1 74.6 111.8

Manual Integrations
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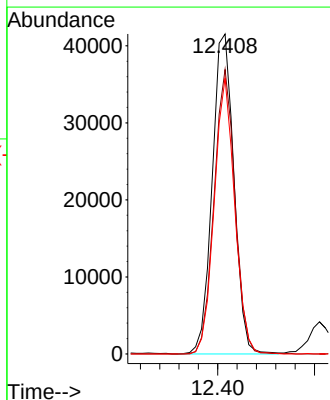
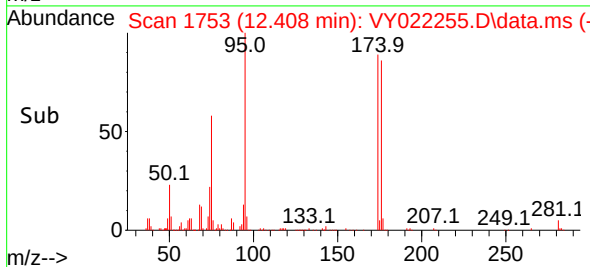
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

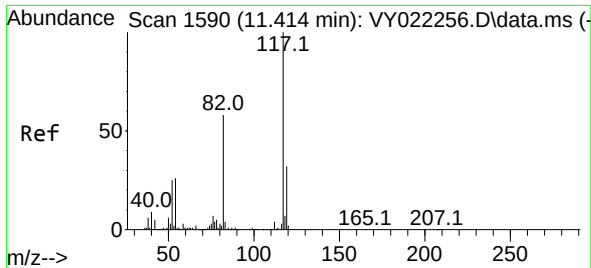


#62
4-Bromofluorobenzene
Concen: 18.988 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



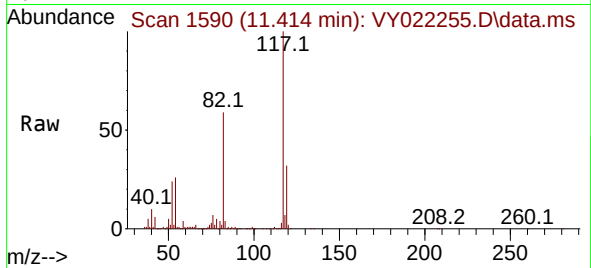
Tgt Ion: 95 Resp: 64706
Ion Ratio Lower Upper
95 100
174 85.7 0.0 166.8
176 81.3 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

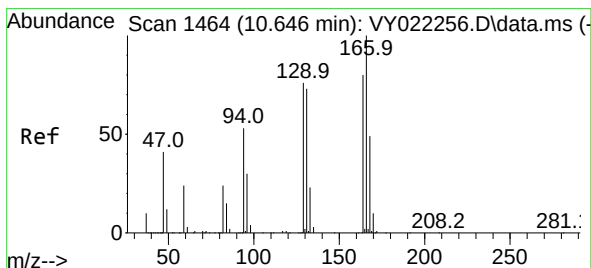
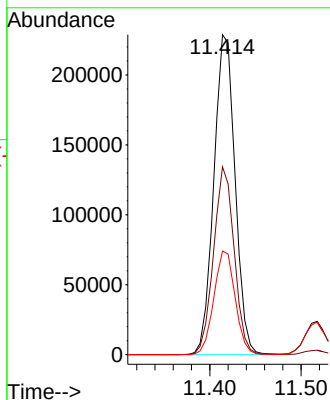
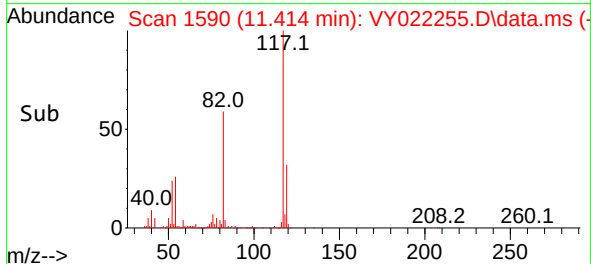
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



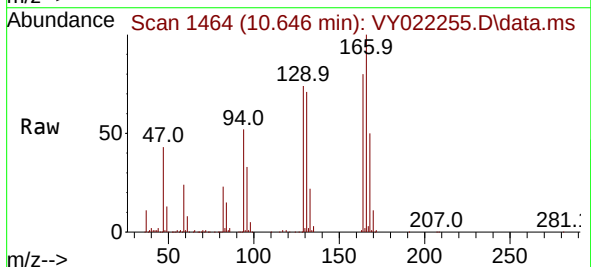
Tgt Ion:117 Resp: 370072
Ion Ratio Lower Upper
117 100
82 58.7 46.6 70.0
119 32.4 25.8 38.6

Manual Integrations
APPROVED

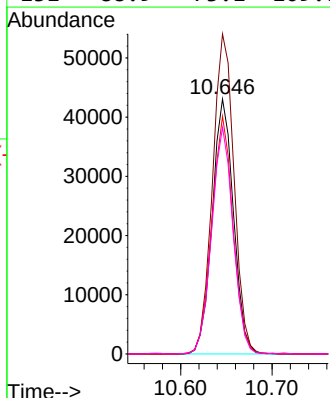
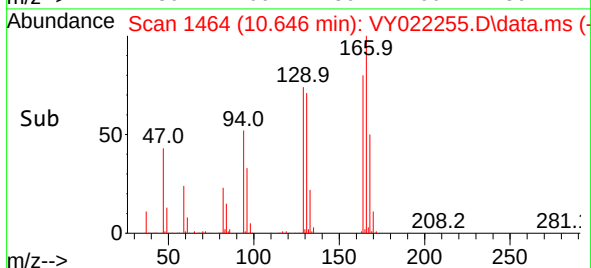
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

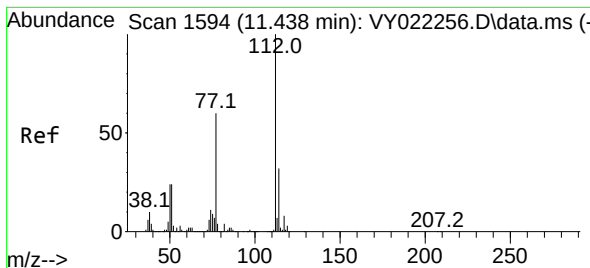


#64
Tetrachloroethene
Concen: 20.332 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



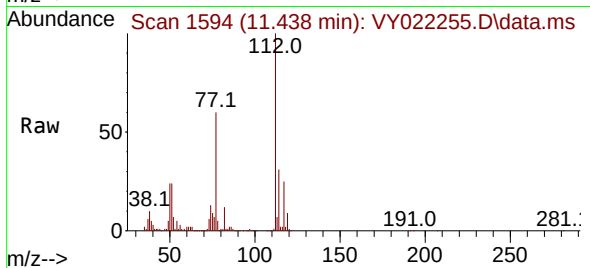
Tgt Ion:164 Resp: 69548
Ion Ratio Lower Upper
164 100
166 125.6 100.4 150.6
129 93.2 76.4 114.6
131 88.9 73.1 109.7





#65
Chlorobenzene
Concen: 19.610 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

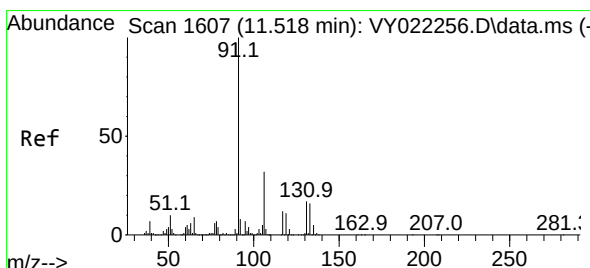
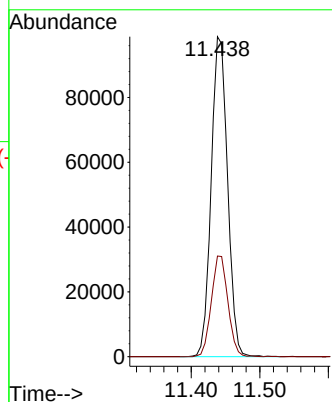
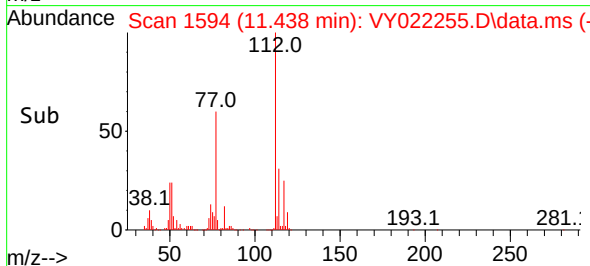
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



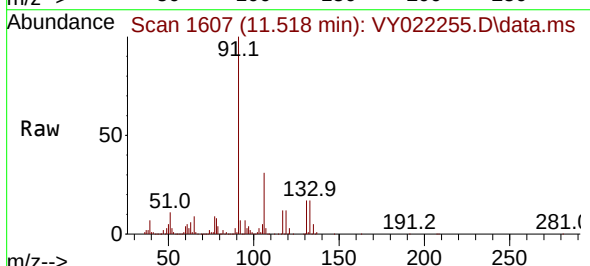
Tgt Ion:112 Resp: 163725
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

Manual Integrations
APPROVED

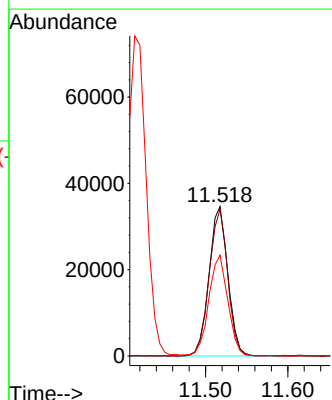
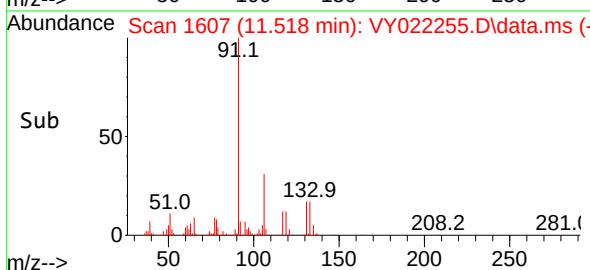
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

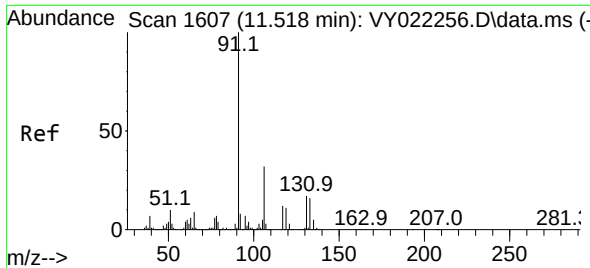


#66
1,1,1,2-Tetrachloroethane
Concen: 19.189 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



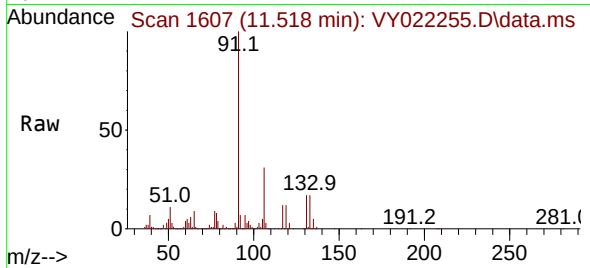
Tgt Ion:131 Resp: 55078
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.9
119 68.4 33.1 99.2





#67
Ethyl Benzene
Concen: 19.402 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

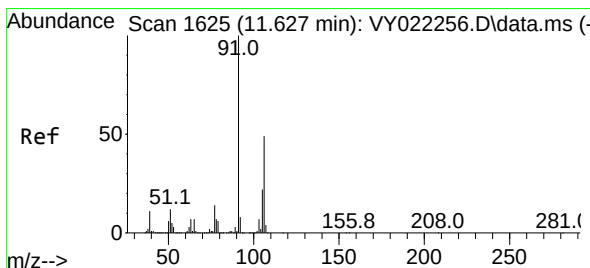
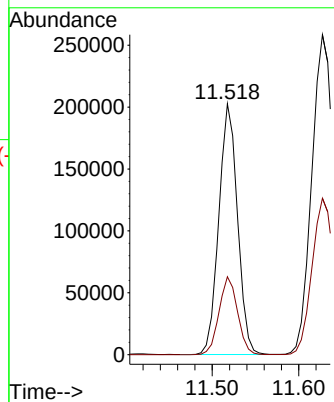
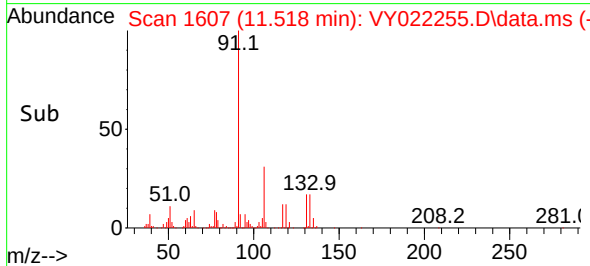
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



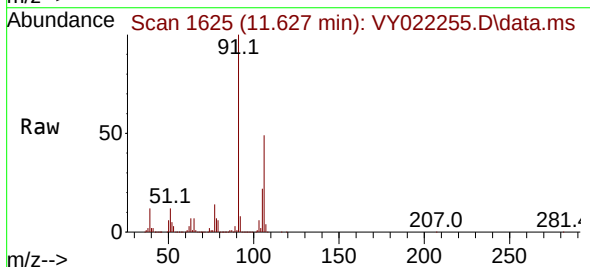
Tgt Ion: 91 Resp: 303375
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

Manual Integrations
APPROVED

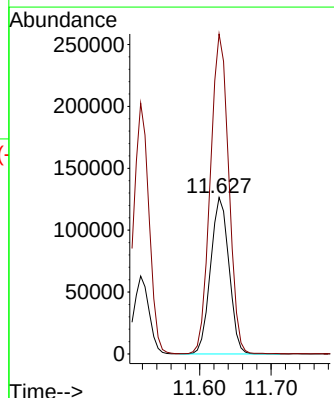
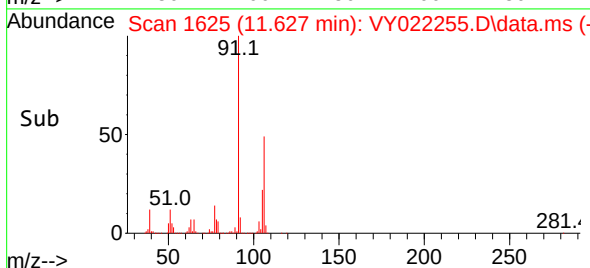
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

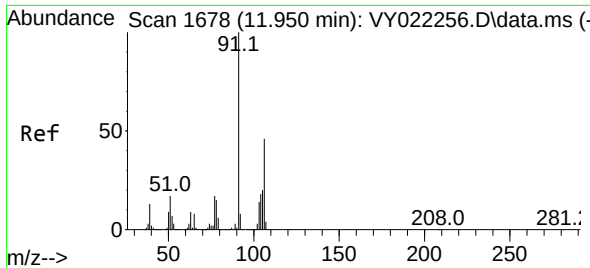


#68
m/p-Xylenes
Concen: 38.355 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion:106 Resp: 225990
Ion Ratio Lower Upper
106 100
91 204.2 163.0 244.4





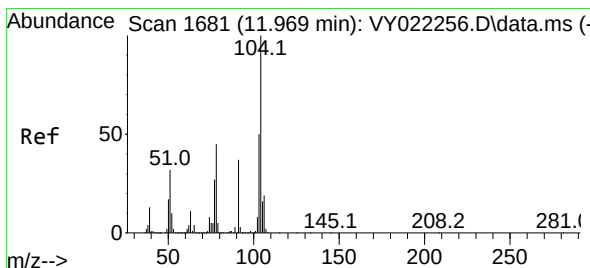
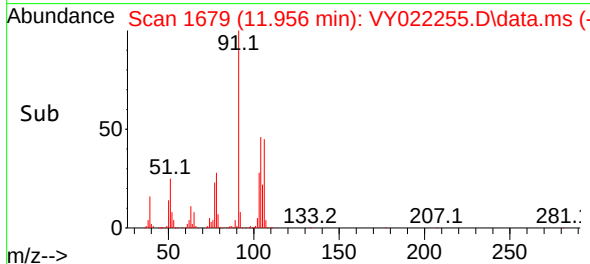
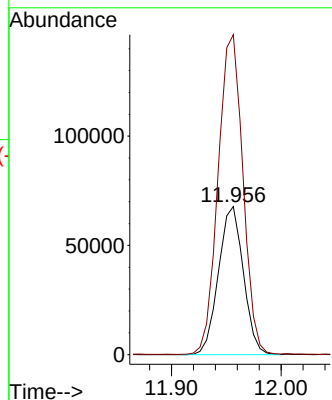
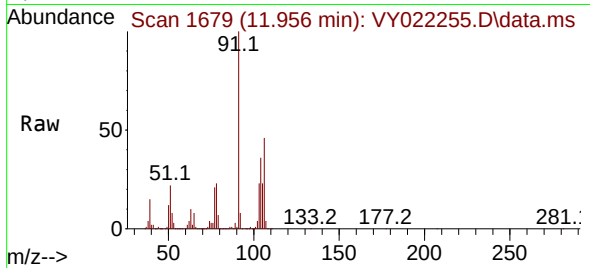
#69
o-Xylene
Concen: 19.194 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 106998
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.8

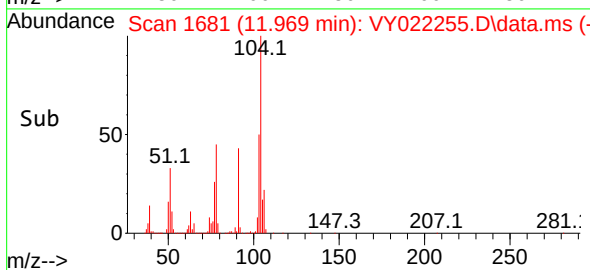
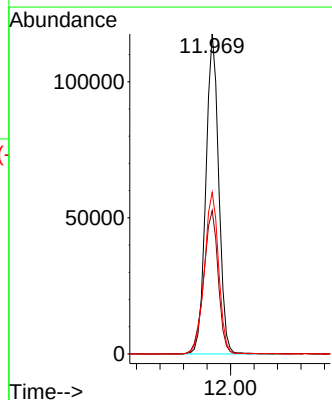
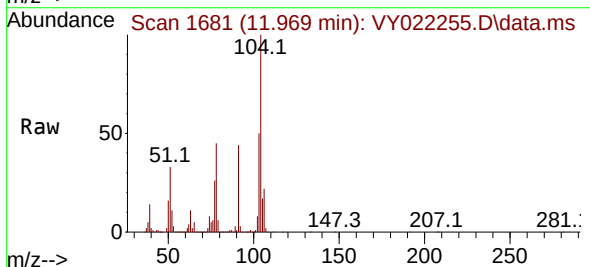
Manual Integrations
APPROVED

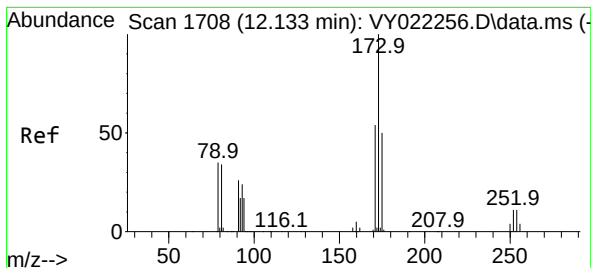
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 19.048 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

Tgt Ion:104 Resp: 179114
Ion Ratio Lower Upper
104 100
78 50.3 40.9 61.3
103 55.7 43.7 65.5





#71

Bromoform

Concen: 18.582 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:173 Resp: 2878

Ion Ratio Lower Upper

173 100

175 48.0 24.7 74.1

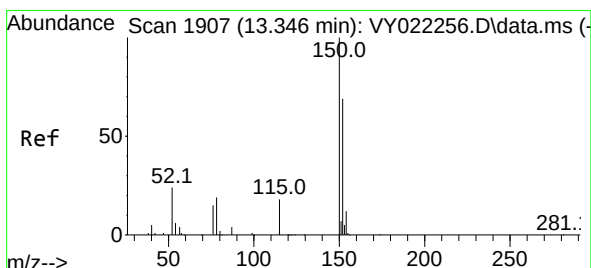
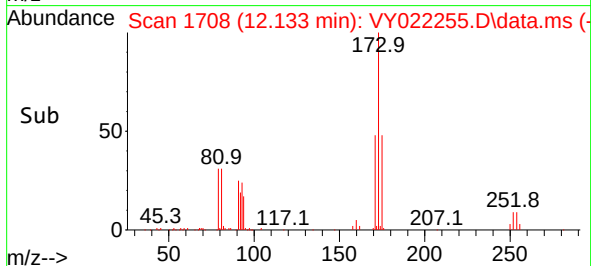
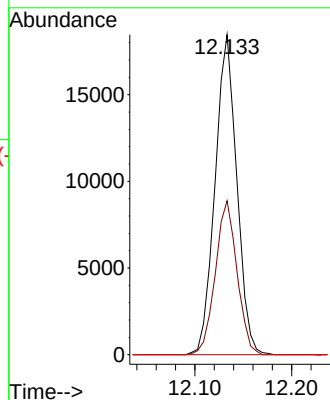
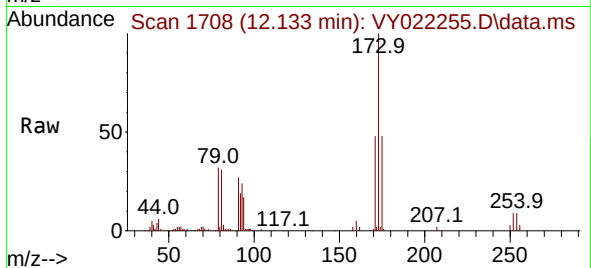
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

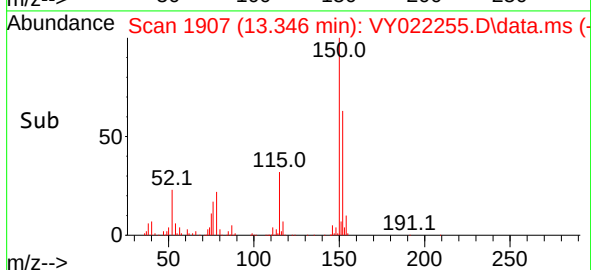
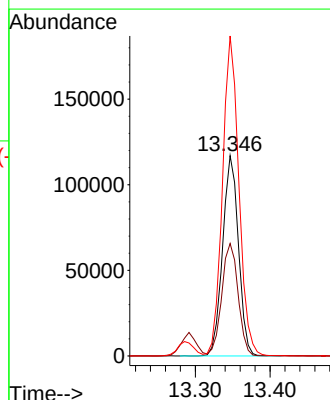
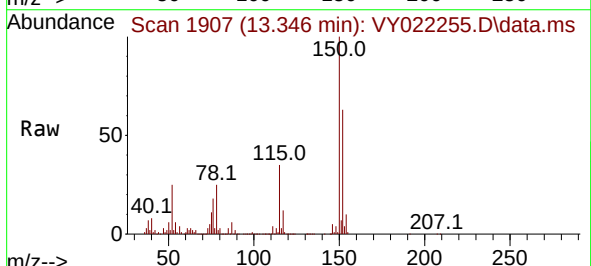
Tgt Ion:152 Resp: 172509

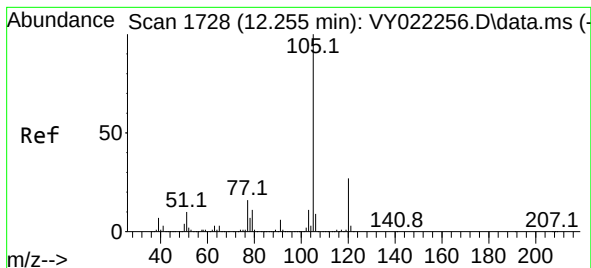
Ion Ratio Lower Upper

152 100

115 57.6 29.4 88.2

150 165.2 0.0 353.8





#73

Isopropylbenzene

Concen: 19.795 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 28289

Ion Ratio Lower Upper

105 100

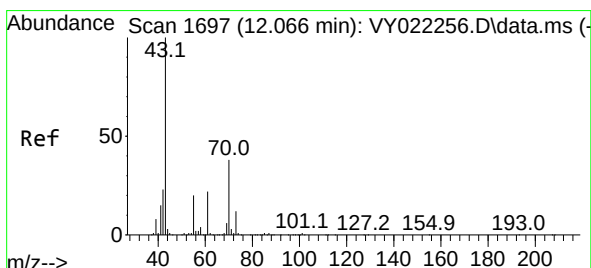
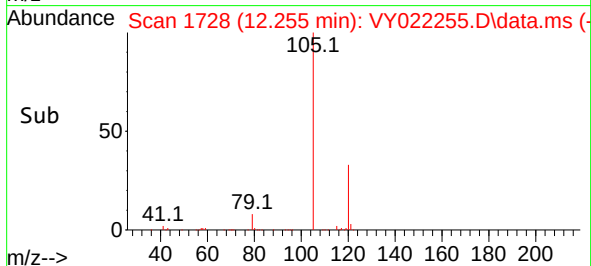
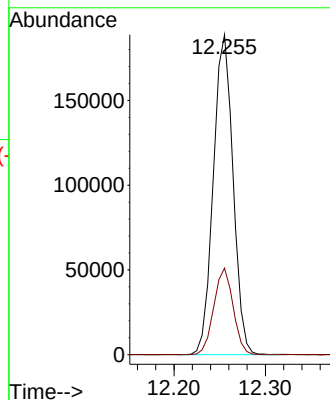
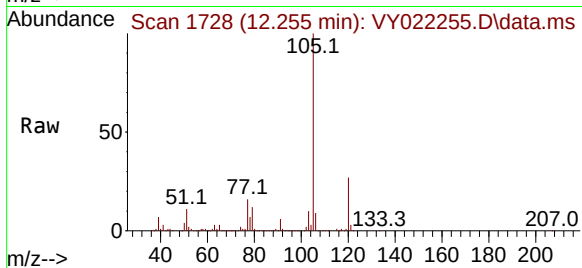
120 26.5 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#74

N-ethyl acetate

Concen: 18.799 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion: 43 Resp: 76841

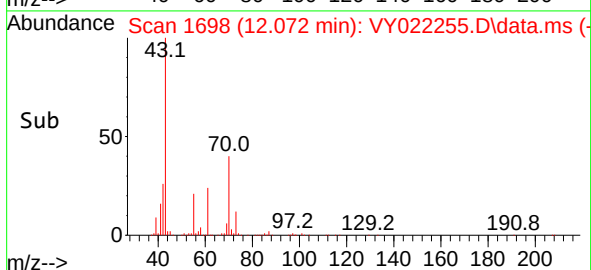
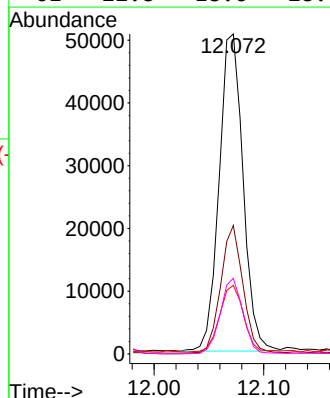
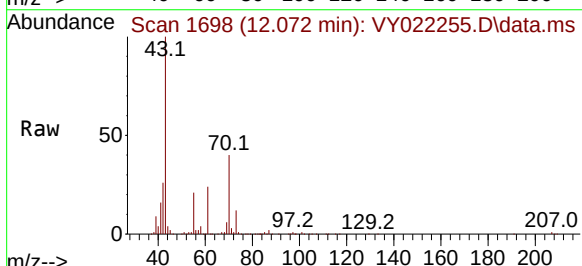
Ion Ratio Lower Upper

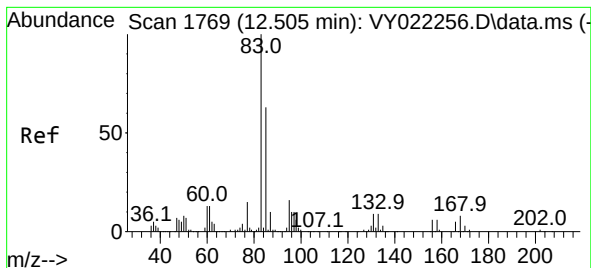
43 100

70 37.3 31.4 47.0

55 21.3 17.0 25.6

61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.228 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

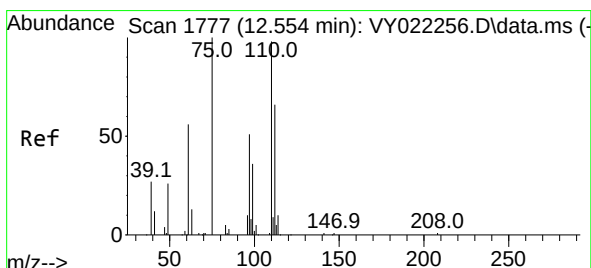
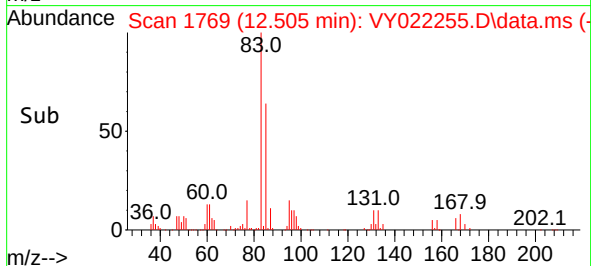
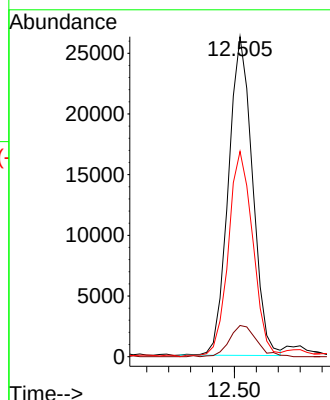
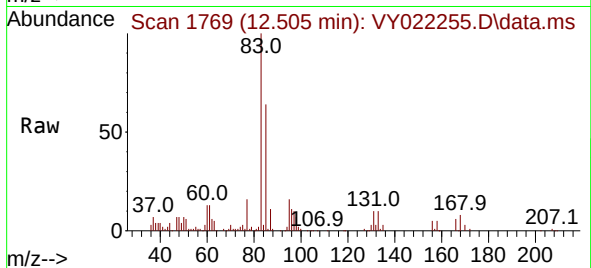
VSTDIC020

Tgt Ion:	83	Resp:	40064
Ion Ratio	Lower	Upper	
83	100		
131	11.1	4.9	14.7
85	65.9	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#76

1,2,3-Trichloropropane

Concen: 11.701 ug/l m

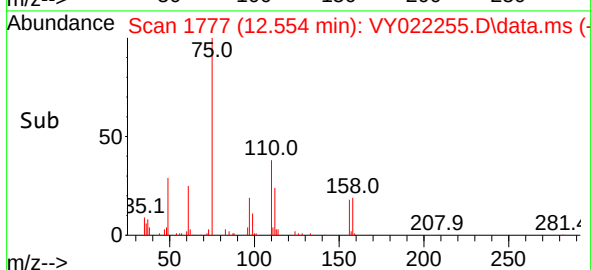
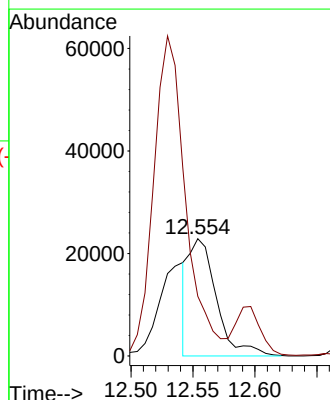
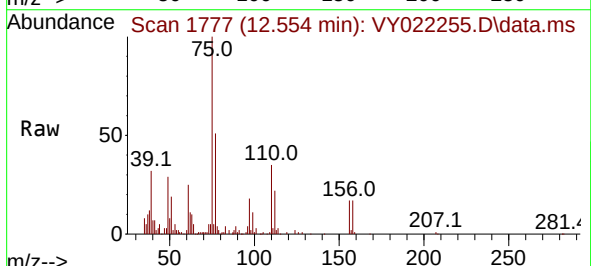
RT: 12.554 min Scan# 1777

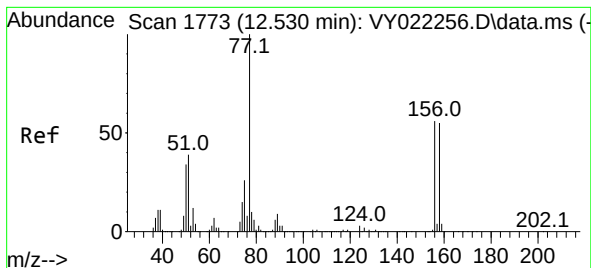
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion:	75	Resp:	35574
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.170 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

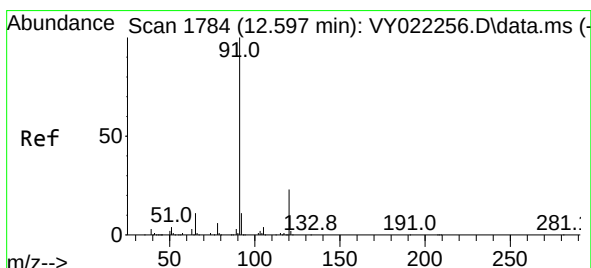
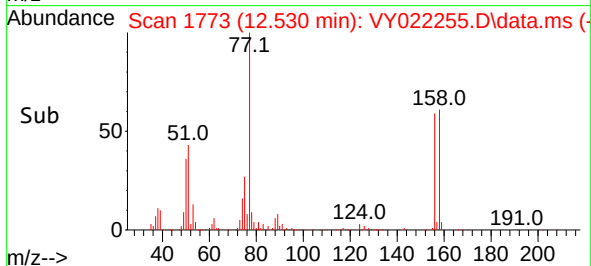
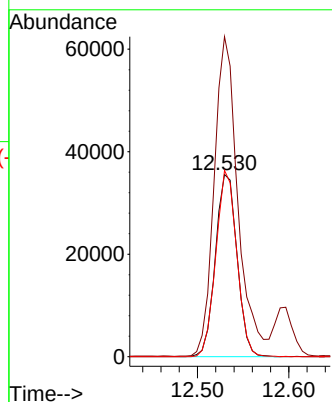
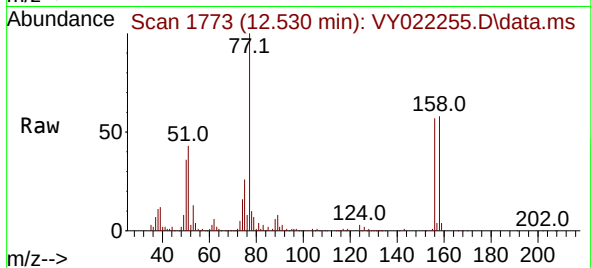
VSTDIC020

Tgt Ion:	156	Resp:	5851
Ion Ratio	Lower	Upper	
156	100		
77	190.6	94.5	283.6
158	99.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78

n-propylbenzene

Concen: 19.630 ug/l

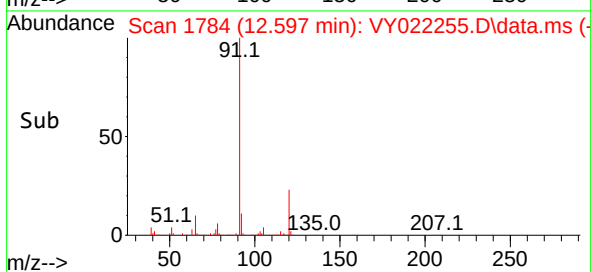
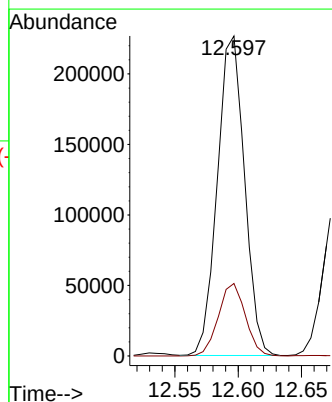
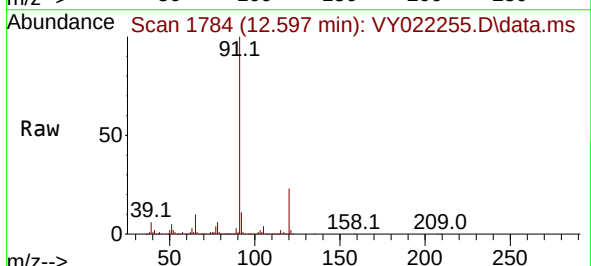
RT: 12.597 min Scan# 1784

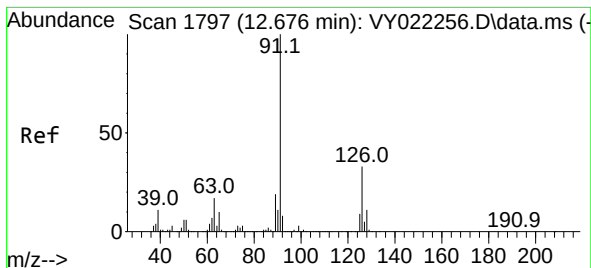
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion:	91	Resp:	338383
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.1	33.3





#79

2-Chlorotoluene

Concen: 19.621 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 185872

Ion Ratio Lower Upper

91 100

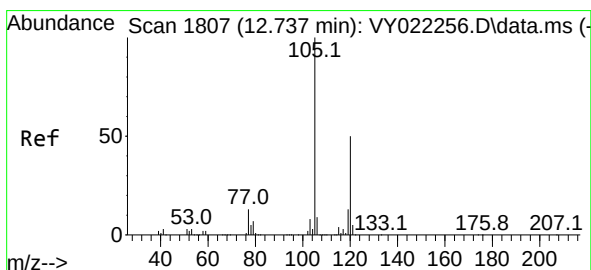
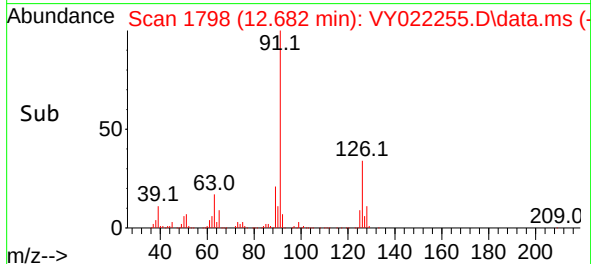
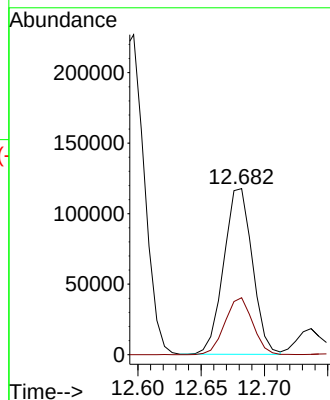
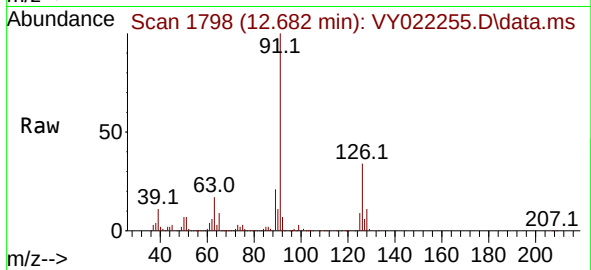
126 33.3 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#80

1,3,5-Trimethylbenzene

Concen: 19.587 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022255.D

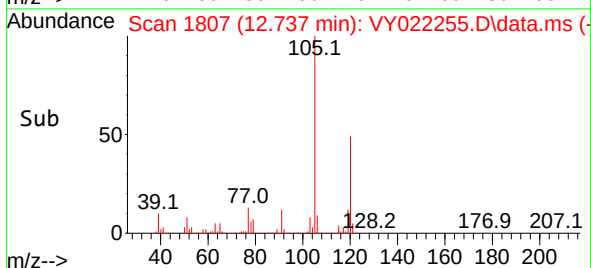
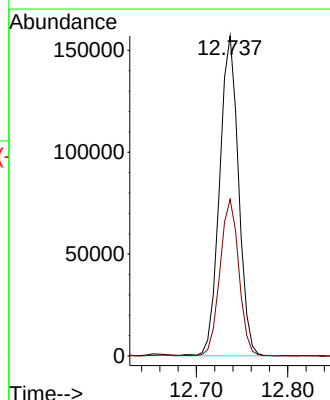
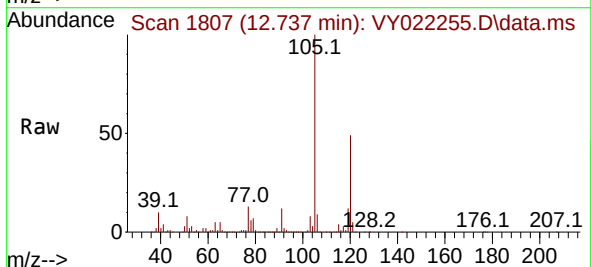
Acq: 15 May 2025 10:39

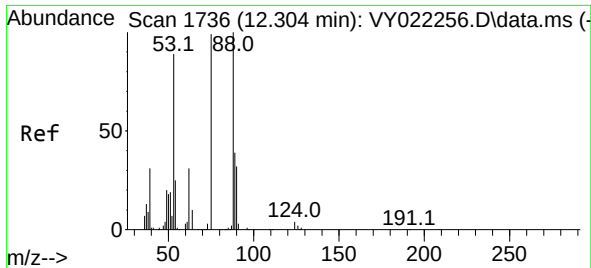
Tgt Ion:105 Resp: 225966

Ion Ratio Lower Upper

105 100

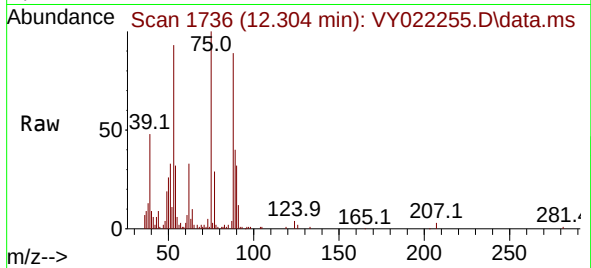
120 48.9 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.302 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

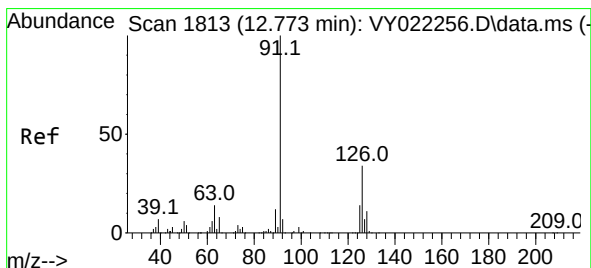
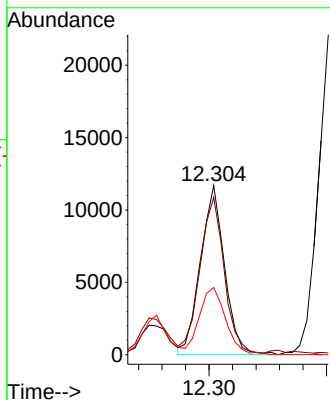
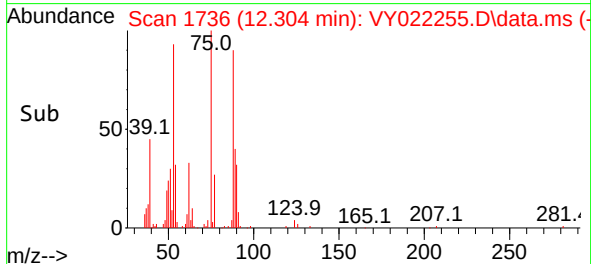
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 1665
Ion Ratio Lower Upper
75 100
53 92.5 75.8 113.8
89 43.2 36.2 54.2

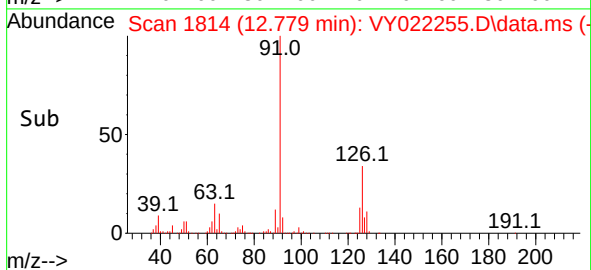
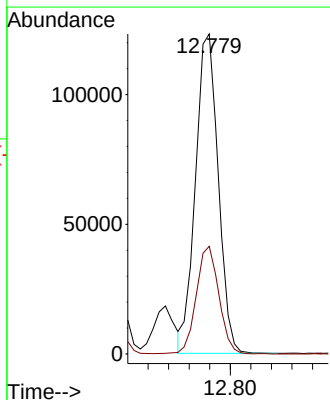
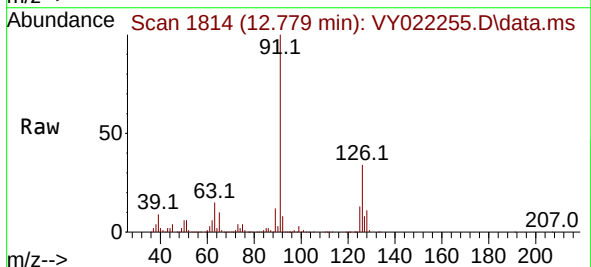
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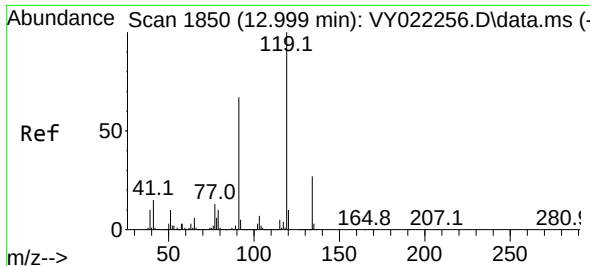
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 19.433 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

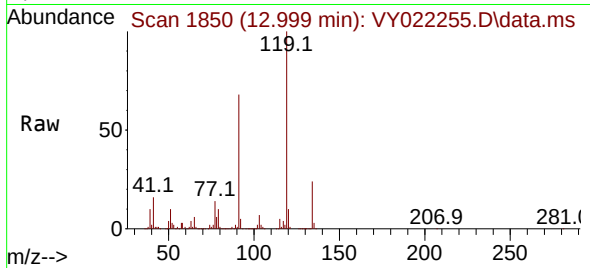
Tgt Ion: 91 Resp: 189350
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4





#83
 tert-Butylbenzene
 Concen: 19.515 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

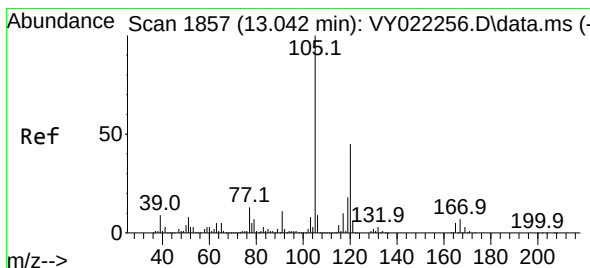
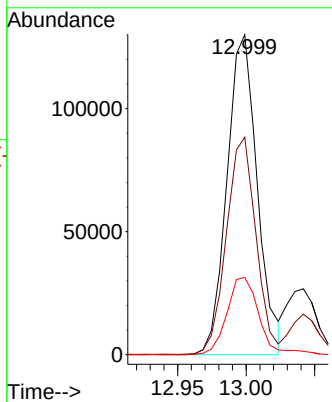
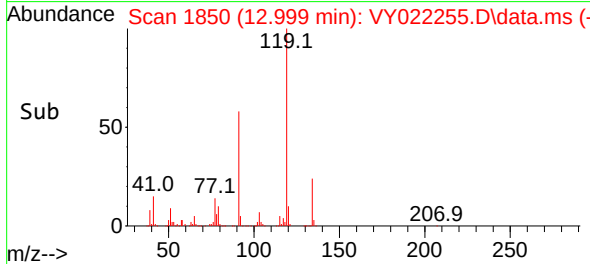
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



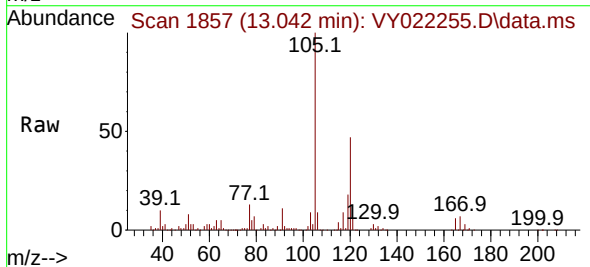
Tgt Ion:119 Resp: 20010
 Ion Ratio Lower Upper
 119 100
 91 66.3 32.8 98.3
 134 25.6 12.9 38.6

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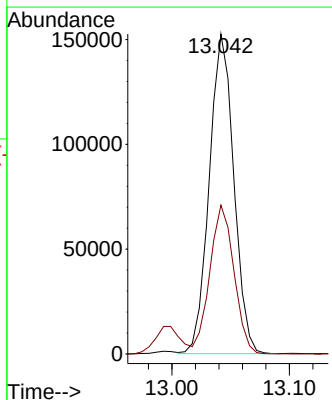
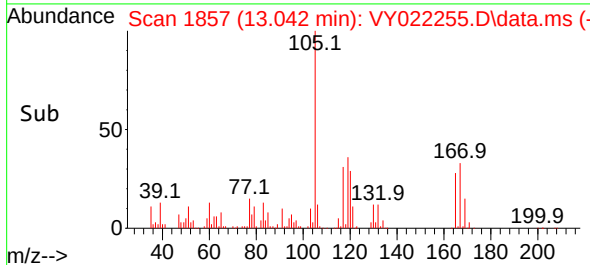
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

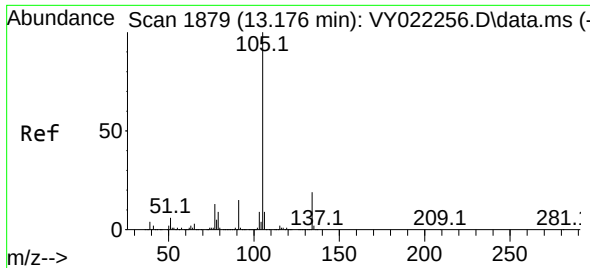


#84
 1,2,4-Trimethylbenzene
 Concen: 19.315 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39



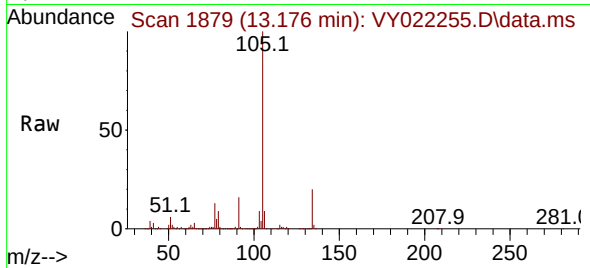
Tgt Ion:105 Resp: 221194
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 19.576 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

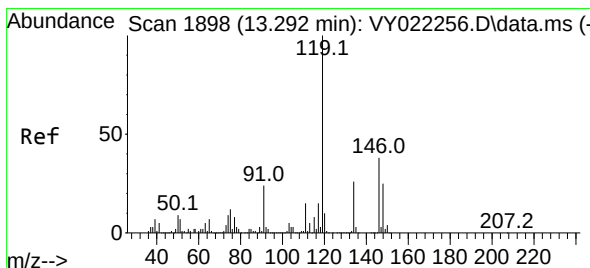
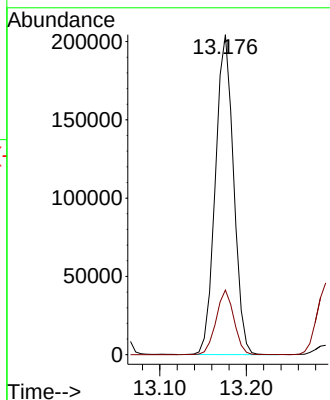
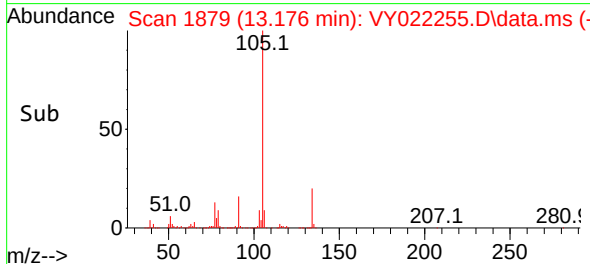
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



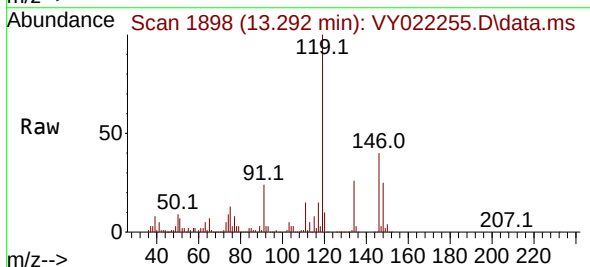
Tgt Ion:105 Resp: 297979
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

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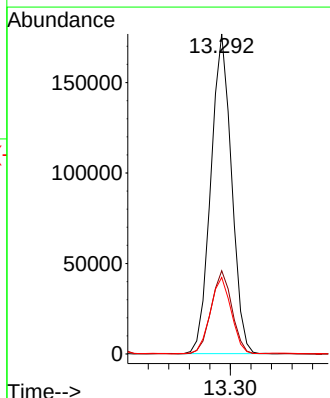
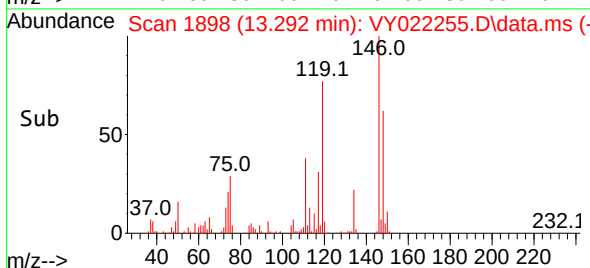
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

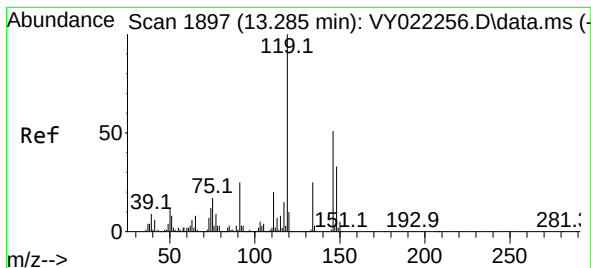


#86
 p-Isopropyltoluene
 Concen: 19.261 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39



Tgt Ion:119 Resp: 246569
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.991 ug/l

RT: 13.285 min Scan# 11833

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 11833

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.7

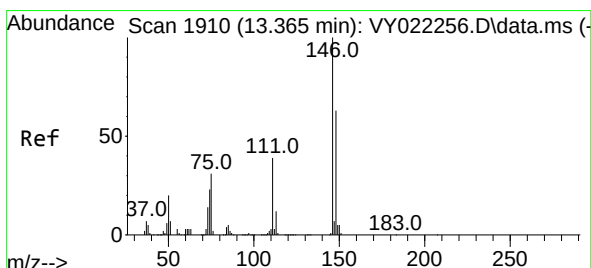
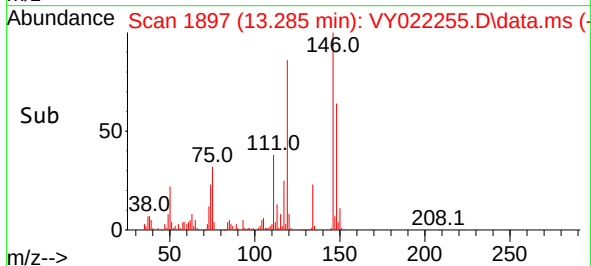
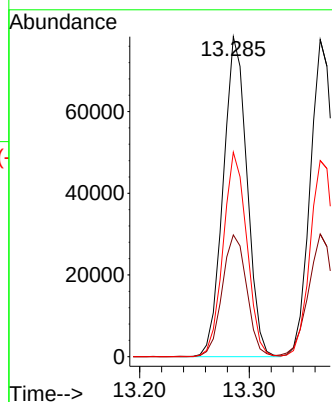
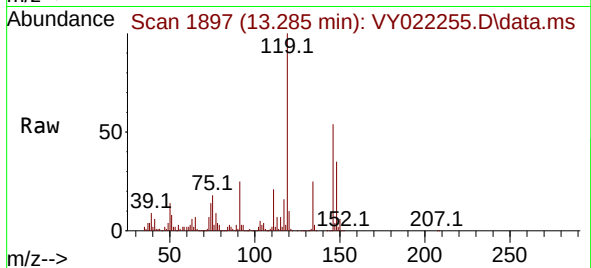
148 63.4 31.9 95.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 19.638 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

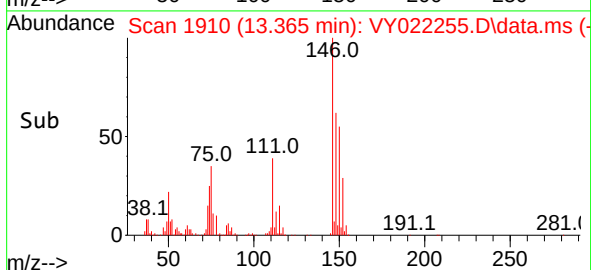
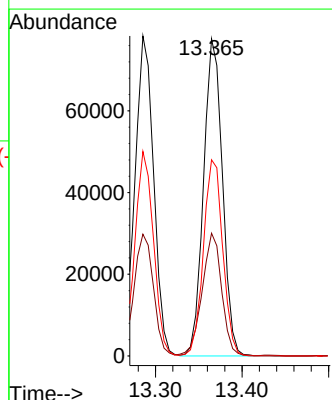
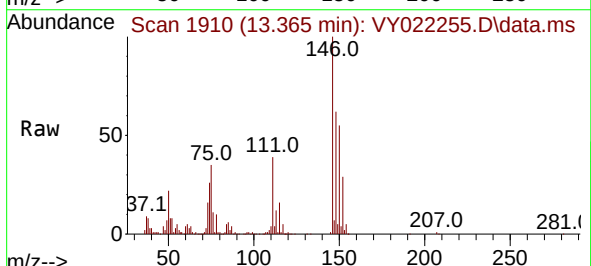
Tgt Ion:146 Resp: 117705

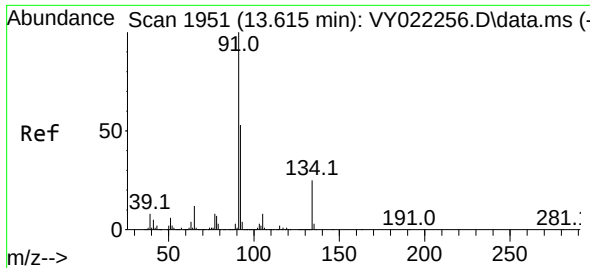
Ion Ratio Lower Upper

146 100

111 39.8 20.0 59.9

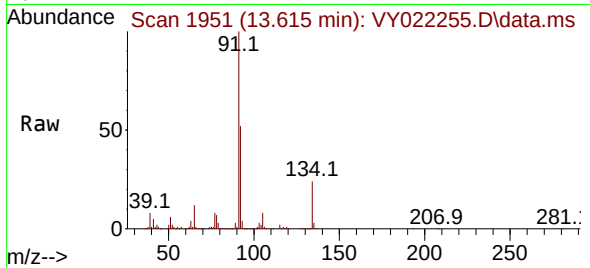
148 63.3 32.1 96.5





#89
n-Butylbenzene
Concen: 19.887 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

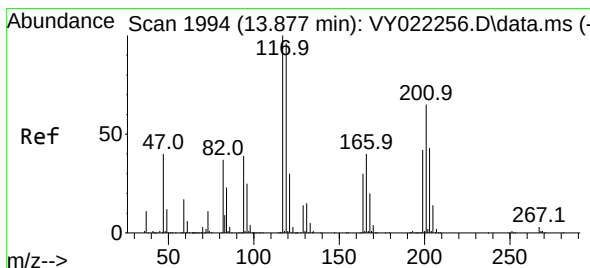
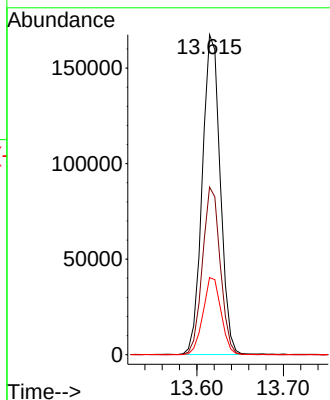
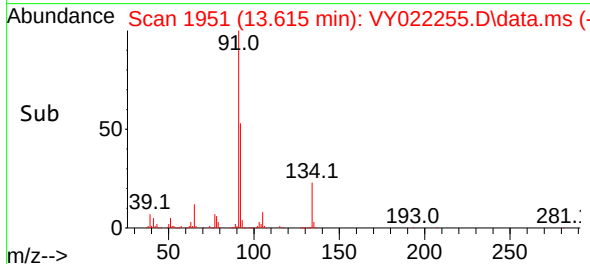
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 24085
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.9
134 24.3 12.4 37.4

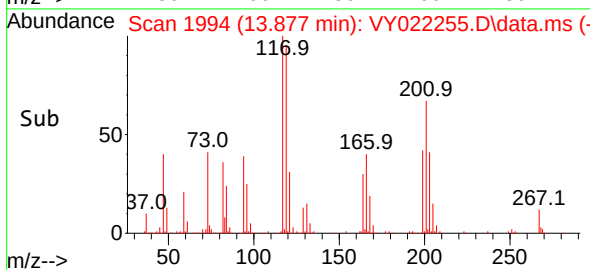
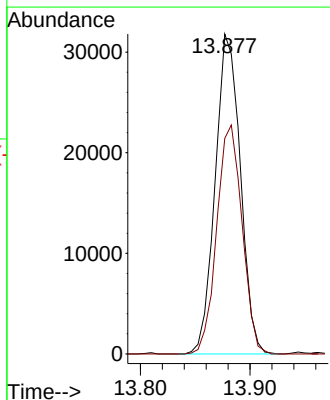
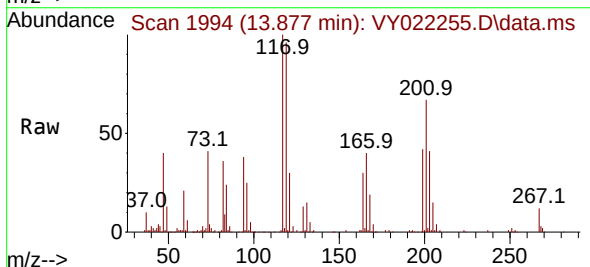
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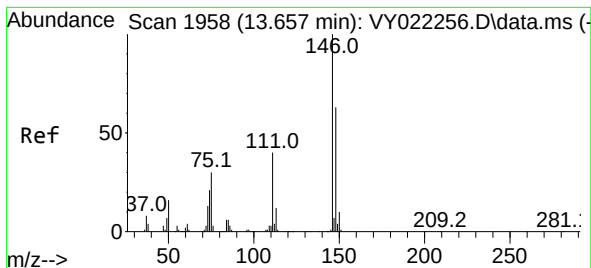
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90
Hexachloroethane
Concen: 19.643 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

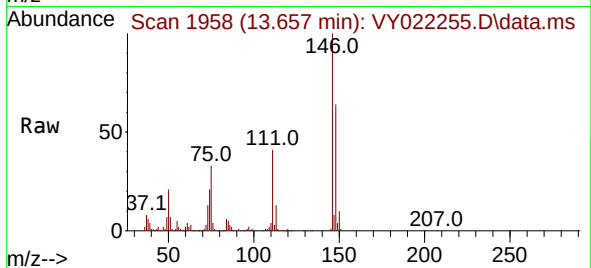
Tgt Ion:117 Resp: 50762
Ion Ratio Lower Upper
117 100
201 72.0 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 19.502 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39

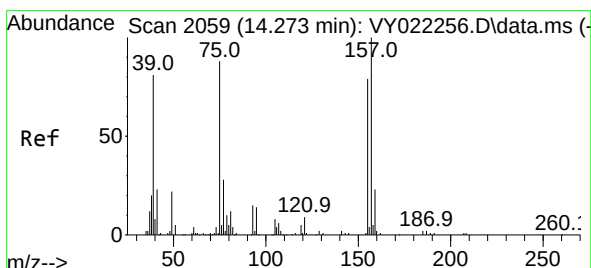
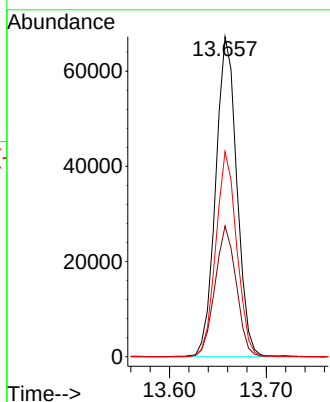
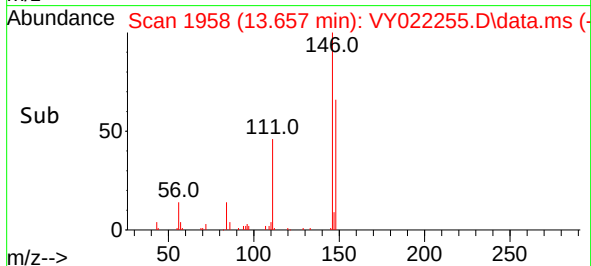
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



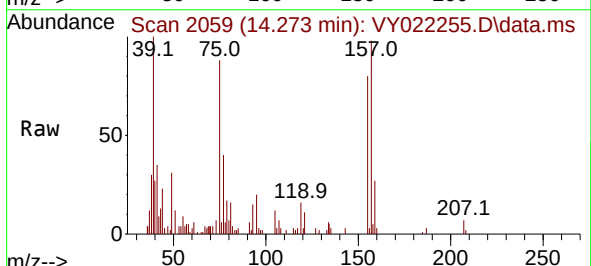
Tgt Ion:146 Resp: 10207
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.5
148 63.2 32.0 96.0

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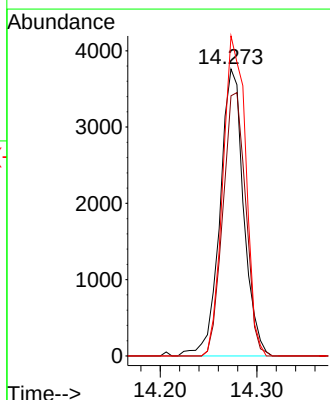
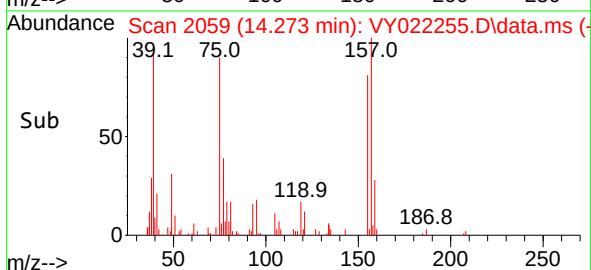
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

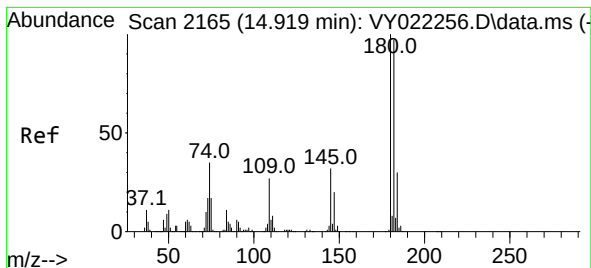


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.021 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022255.D
Acq: 15 May 2025 10:39



Tgt Ion: 75 Resp: 6387
Ion Ratio Lower Upper
75 100
155 88.5 43.4 130.1
157 107.4 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 19.346 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

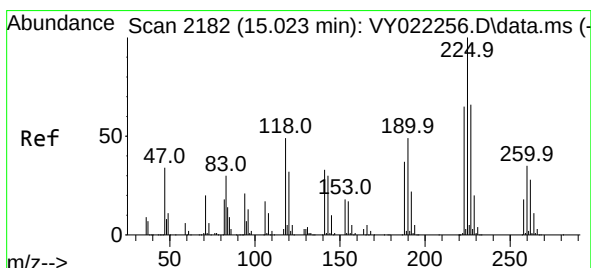
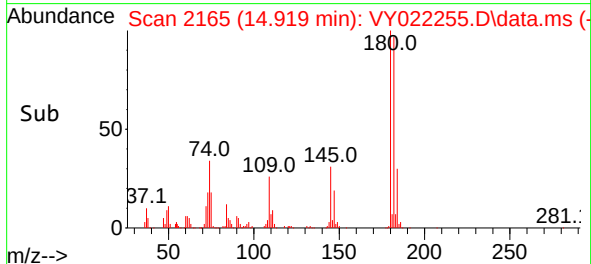
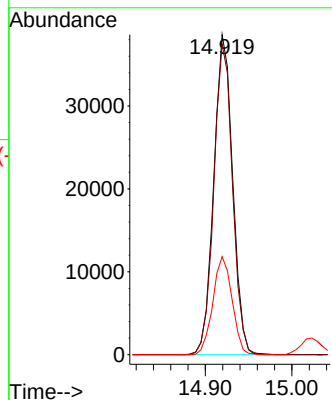
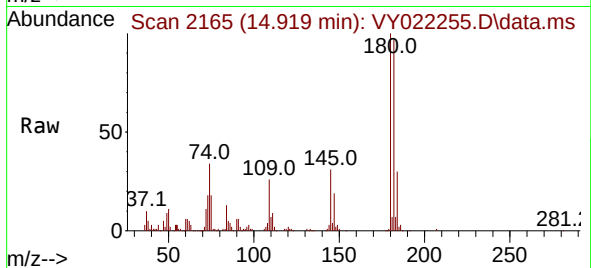
VSTDICC020

Tgt Ion:180	Resp: 58490
Ion Ratio	Lower Upper
180 100	
182 95.9	48.0 144.0
145 31.1	15.0 45.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

Concen: 20.301 ug/l

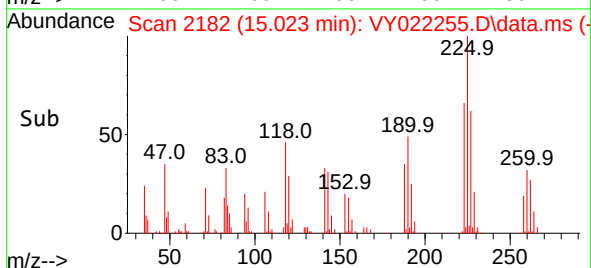
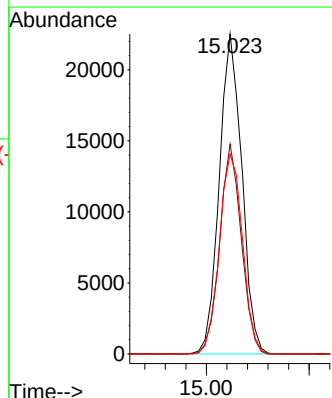
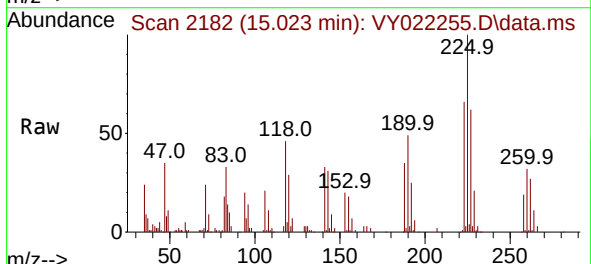
RT: 15.023 min Scan# 2182

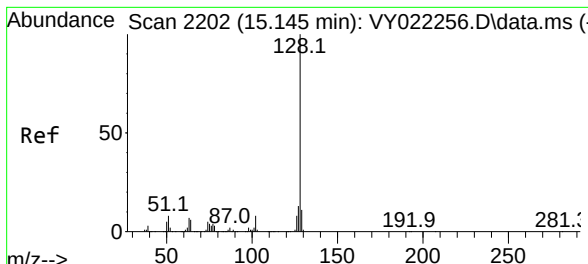
Delta R.T. 0.000 min

Lab File: VY022255.D

Acq: 15 May 2025 10:39

Tgt Ion:225	Resp: 34228
Ion Ratio	Lower Upper
225 100	
223 62.7	31.5 94.5
227 64.3	32.1 96.3





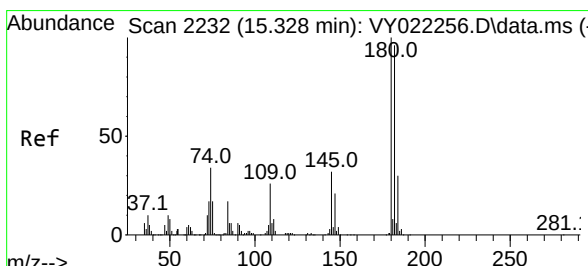
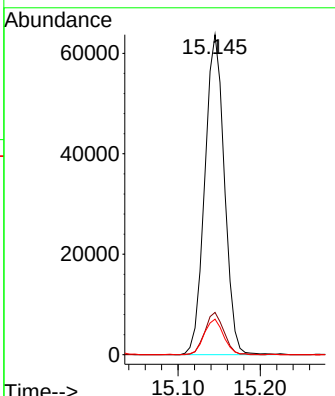
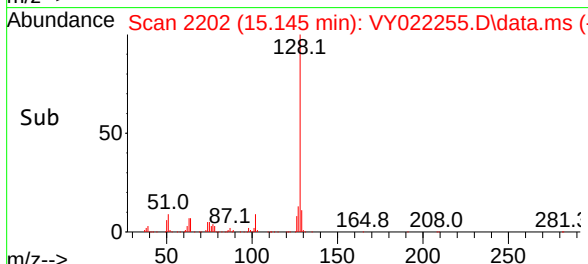
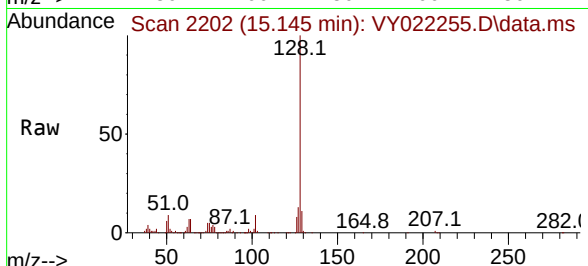
#95
 Naphthalene
 Concen: 18.362 ug/l
 RT: 15.145 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

Instrument : MSVOA_Y
 ClientSampleId : VSTDIC020

Tgt Ion:128	Resp: 10535
Ion Ratio	Lower Upper
128 100	
127 13.0	10.2 15.2
129 11.0	8.8 13.2

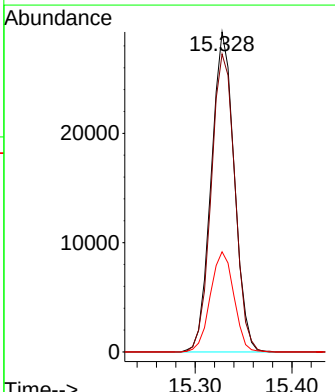
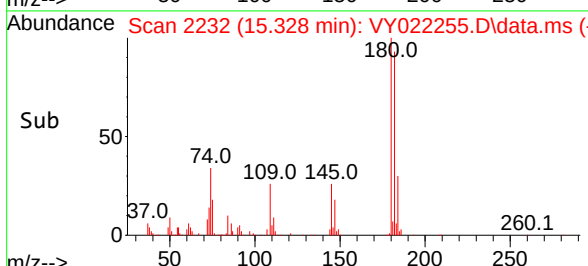
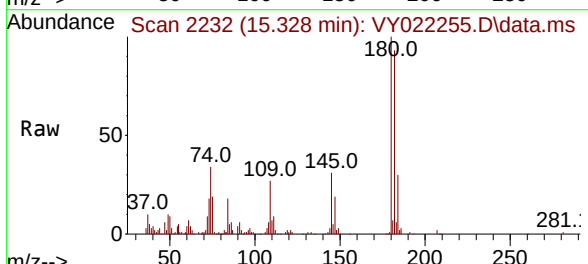
Manual Integrations
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Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 18.888 ug/l
 RT: 15.328 min Scan# 2232
 Delta R.T. 0.000 min
 Lab File: VY022255.D
 Acq: 15 May 2025 10:39

Tgt Ion:180	Resp:	48444	
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.3
145	31.9	15.9	47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022256.D
 Acq On : 15 May 2025 11:02
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:23:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	267598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	439323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	377571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144713	49.481	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.960%		
35) Dibromofluoromethane	7.634	113	132404	50.495	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.980%		
50) Toluene-d8	10.103	98	540296	50.311	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.620%		
62) 4-Bromofluorobenzene	12.408	95	169827	49.891	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	135726	48.608	ug/l	100
3) Chloromethane	2.062	50	278892	47.481	ug/l	100
4) Vinyl Chloride	2.202	62	323792	49.341	ug/l	100
5) Bromomethane	2.592	94	234736	43.941	ug/l	100
6) Chloroethane	2.732	64	202370	49.569	ug/l	100
7) Trichlorofluoromethane	3.050	101	324887	48.898	ug/l	100
8) Diethyl Ether	3.452	74	78670	49.338	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	144018	49.930	ug/l	100
10) Methyl Iodide	4.007	142	183918	55.091	ug/l	100
11) Tert butyl alcohol	4.872	59	51598	231.036	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	144103	50.344	ug/l	100
13) Acrolein	3.653	56	75423	231.010	ug/l	100
14) Allyl chloride	4.379	41	256499	51.106	ug/l	100
15) Acrylonitrile	5.061	53	160496	244.283	ug/l	100
16) Acetone	3.873	43	124421	226.888	ug/l	100
17) Carbon Disulfide	4.104	76	468979	50.244	ug/l	100
18) Methyl Acetate	4.385	43	80820	48.436	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	390412	49.466	ug/l	100
20) Methylene Chloride	4.616	84	159764	45.087	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	158544	50.181	ug/l	100
22) Diisopropyl ether	6.019	45	531560	50.152	ug/l	100
23) Vinyl Acetate	5.958	43	1570214	245.223	ug/l	100
24) 1,1-Dichloroethane	5.915	63	298823	50.465	ug/l	100
25) 2-Butanone	6.896	43	215828	235.291	ug/l	100
26) 2,2-Dichloropropane	6.884	77	264141	50.153	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	184842	50.698	ug/l	100
28) Bromochloromethane	7.244	49	126541	50.100	ug/l	100
29) Tetrahydrofuran	7.262	42	142772	241.931	ug/l	100
30) Chloroform	7.421	83	288708	50.831	ug/l	100
31) Cyclohexane	7.701	56	282375	47.728	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	259382	49.777	ug/l	100
36) 1,1-Dichloropropene	7.835	75	221943	51.388	ug/l	100
37) Ethyl Acetate	6.988	43	102924	49.529	ug/l	100
38) Carbon Tetrachloride	7.817	117	226903	50.754	ug/l	100
39) Methylcyclohexane	9.109	83	294336	50.726	ug/l	100
40) Benzene	8.079	78	658644	51.442	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022256.D
 Acq On : 15 May 2025 11:02
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:23:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	69476m	45.691	ug/l	
42) 1,2-Dichloroethane	8.158	62	176425	50.954	ug/l	100
43) Isopropyl Acetate	8.195	43	225628	49.785	ug/l	100
44) Trichloroethene	8.866	130	162802	51.138	ug/l	100
45) 1,2-Dichloropropane	9.140	63	156870	50.819	ug/l	100
46) Dibromomethane	9.231	93	82994	49.849	ug/l	100
47) Bromodichloromethane	9.420	83	222159	51.435	ug/l	100
48) Methyl methacrylate	9.219	41	105390	49.726	ug/l	100
49) 1,4-Dioxane	9.231	88	18027	958.446	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	556123	250.085	ug/l	100
52) Toluene	10.170	92	414584	51.134	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	213993	50.768	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	246990	51.143	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	106676	50.036	ug/l	100
56) Ethyl methacrylate	10.438	69	167259	50.364	ug/l	100
57) 1,3-Dichloropropane	10.719	76	192275	50.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	403074	270.408	ug/l	100
59) 2-Hexanone	10.762	43	365111	244.881	ug/l	100
60) Dibromochloromethane	10.908	129	141896	51.278	ug/l	100
61) 1,2-Dibromoethane	11.012	107	99822	50.236	ug/l	100
64) Tetrachloroethene	10.646	164	178854	51.249	ug/l	100
65) Chlorobenzene	11.438	112	435874	51.169	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	148798	50.811	ug/l	100
67) Ethyl Benzene	11.518	91	821168	51.473	ug/l	100
68) m/p-Xylenes	11.627	106	617646	102.746	ug/l	100
69) o-Xylene	11.950	106	289897	50.971	ug/l	100
70) Styrene	11.969	104	491792	51.260	ug/l	100
71) Bromoform	12.133	173	78794	49.849	ug/l #	100
73) Isopropylbenzene	12.255	105	756905	50.657	ug/l	100
74) N-amyl acetate	12.066	43	209097	48.930	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	113234	49.277	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	90281m	28.402	ug/l	
77) Bromobenzene	12.530	156	161475	50.599	ug/l	100
78) n-propylbenzene	12.597	91	924664	51.306	ug/l	100
79) 2-Chlorotoluene	12.676	91	505684	51.058	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	615033	50.991	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	42692	47.331	ug/l	100
82) 4-Chlorotoluene	12.773	91	524270	51.464	ug/l	100
83) tert-Butylbenzene	12.999	119	546231	50.952	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	615550	51.410	ug/l	100
85) sec-Butylbenzene	13.176	105	824725	51.825	ug/l	100
86) p-Isopropyltoluene	13.292	119	688561	51.446	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	331536	50.890	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	315598	50.363	ug/l	100
89) n-Butylbenzene	13.615	91	661532	52.245	ug/l	100
90) Hexachloroethane	13.877	117	137225	50.791	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	276666	50.558	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18039	48.682	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	162275	51.338	ug/l	100
94) Hexachlorobutadiene	15.023	225	90452	51.313	ug/l	100
95) Naphthalene	15.145	128	298075	49.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	135673	50.596	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022256.D
Acq On : 15 May 2025 11:02
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:23:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

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

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

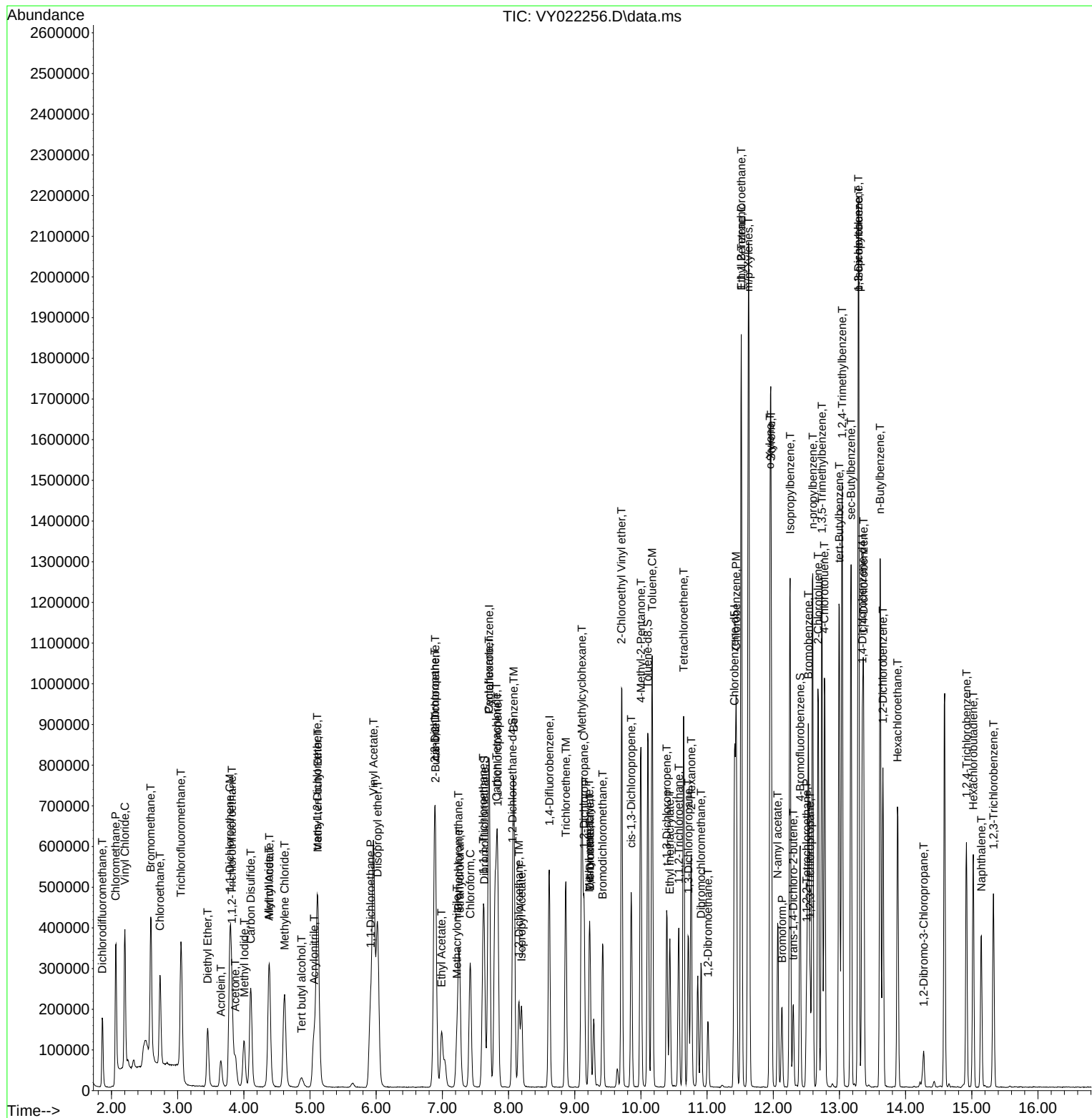
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Acq On : 15 May 2025 11:02
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Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

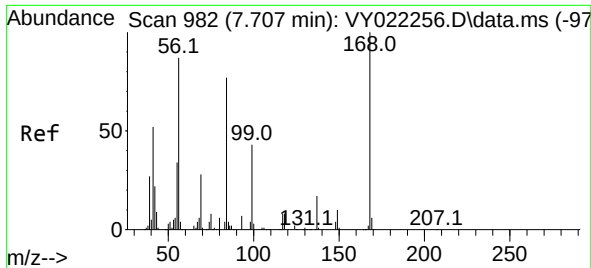
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: May 16 01:23:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

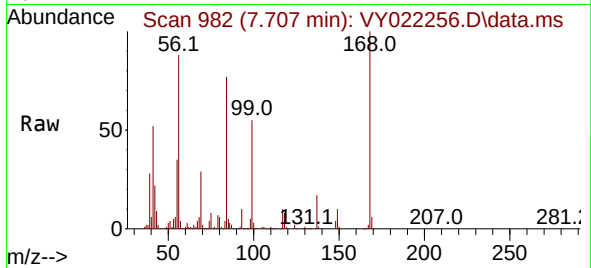
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

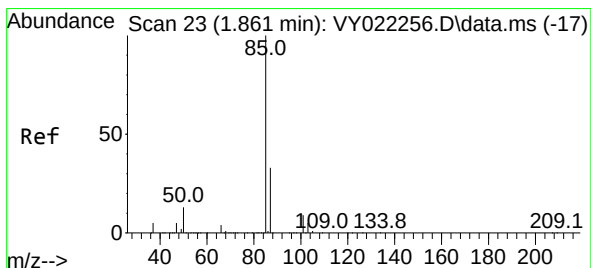
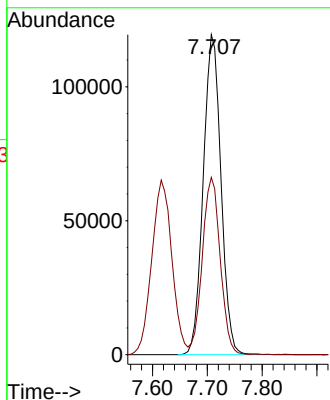
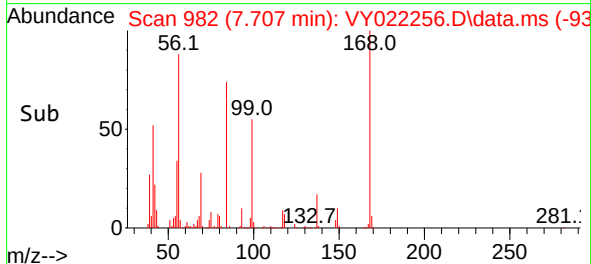
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 267598
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4

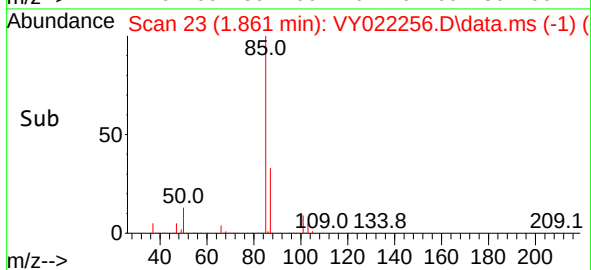
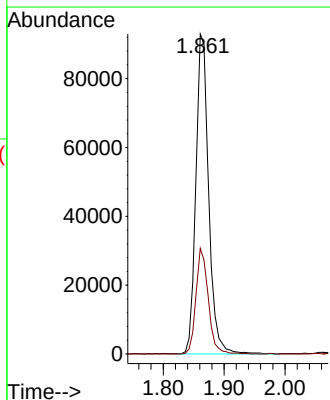
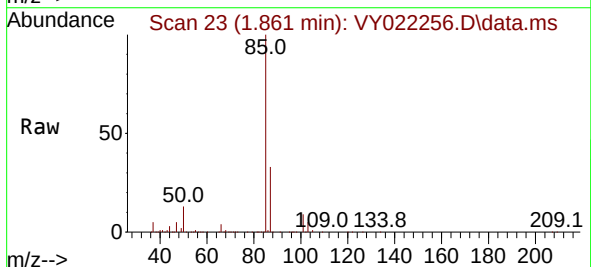
Manual Integrations
APPROVED

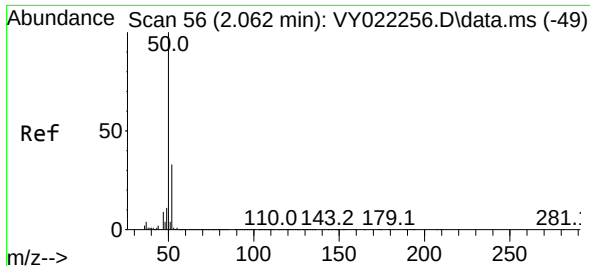
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 48.608 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

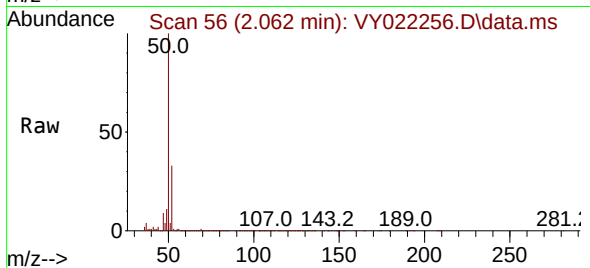
Tgt Ion: 85 Resp: 135726
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5





#3
Chloromethane
Concen: 47.481 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

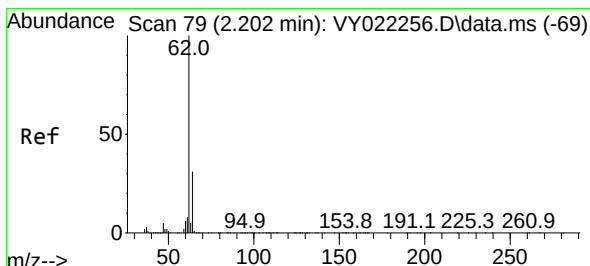
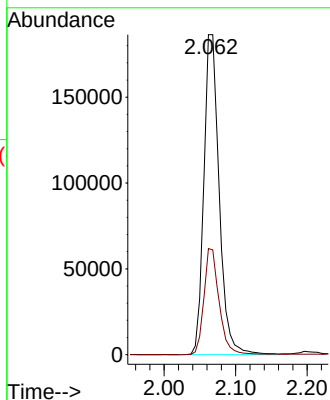
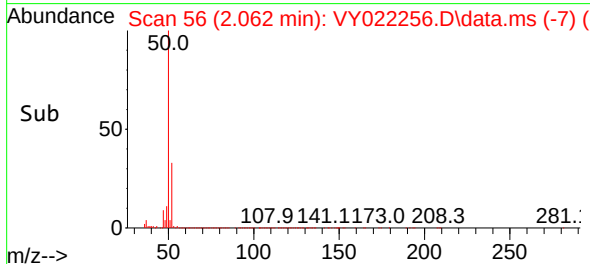
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 278892
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

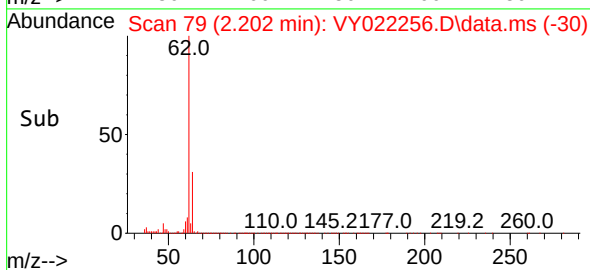
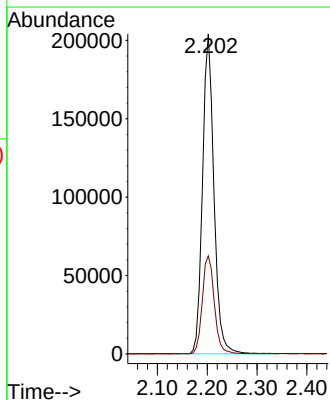
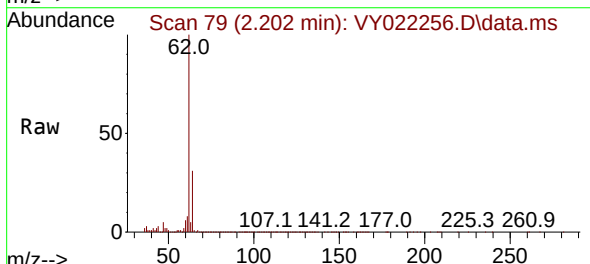
Manual Integrations
APPROVED

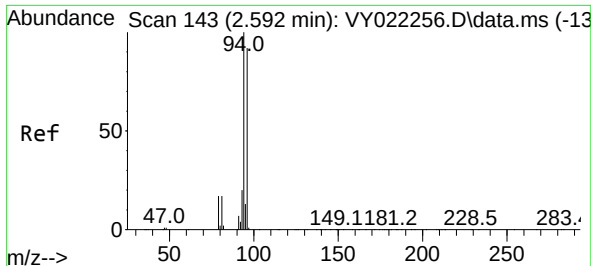
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 49.341 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

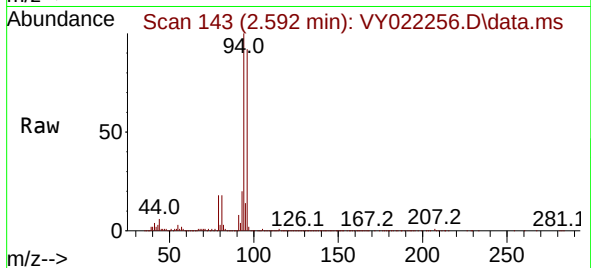
Tgt Ion: 62 Resp: 323792
Ion Ratio Lower Upper
62 100
64 30.6 24.5 36.7





#5
Bromomethane
Concen: 43.941 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

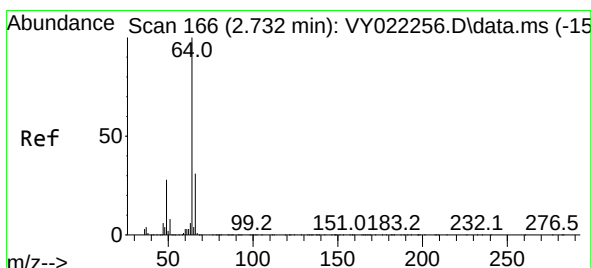
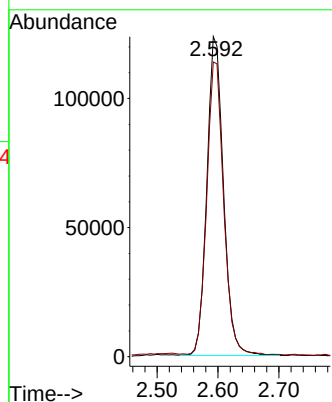
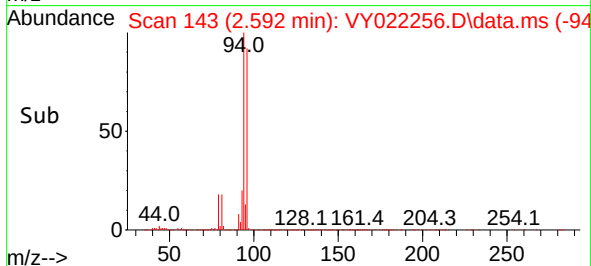
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



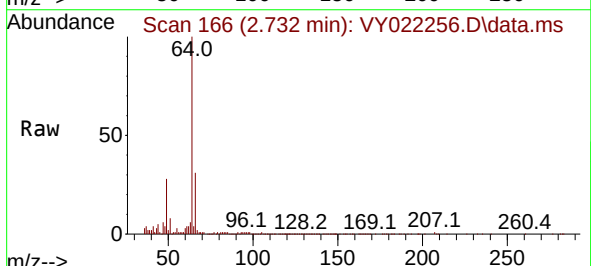
Tgt Ion: 94 Resp: 234730
Ion Ratio Lower Upper
94 100
96 91.7 73.4 110.0

Manual Integrations
APPROVED

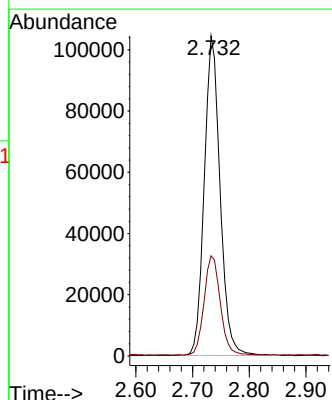
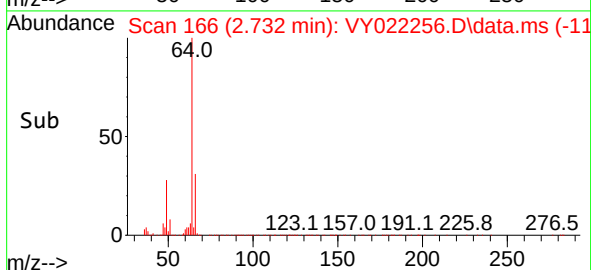
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

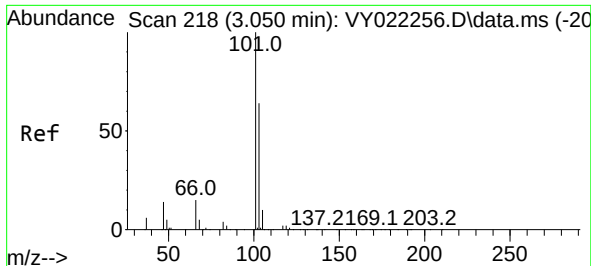


#6
Chloroethane
Concen: 49.569 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



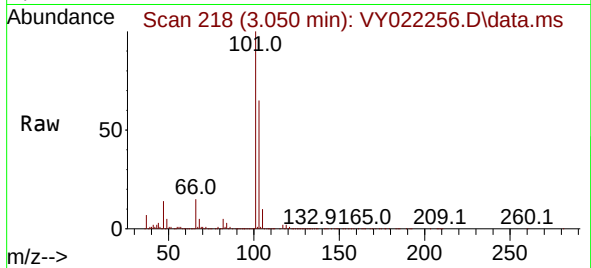
Tgt Ion: 64 Resp: 202370
Ion Ratio Lower Upper
64 100
66 31.0 24.8 37.2





#7
Trichlorofluoromethane
Concen: 48.898 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

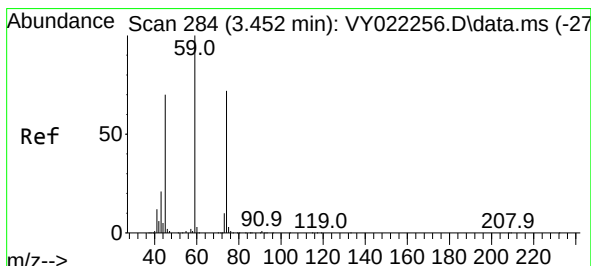
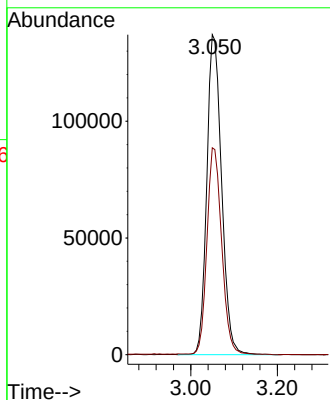
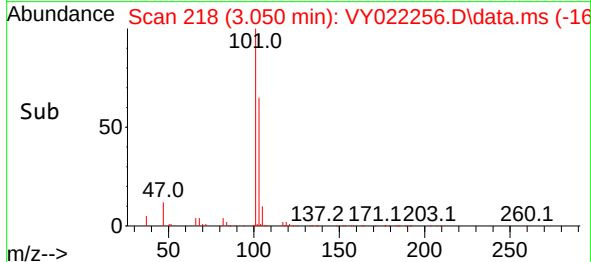
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MSVOA_Y
ClientSampleId :
VSTDICCC050



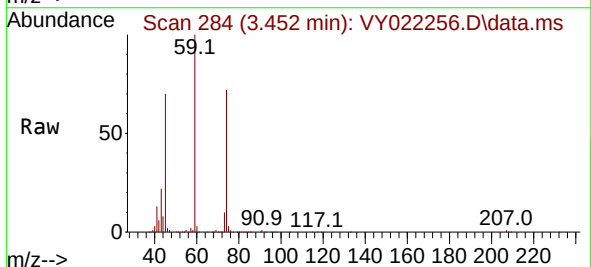
Tgt Ion:101 Resp: 32488
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

Manual Integrations
APPROVED

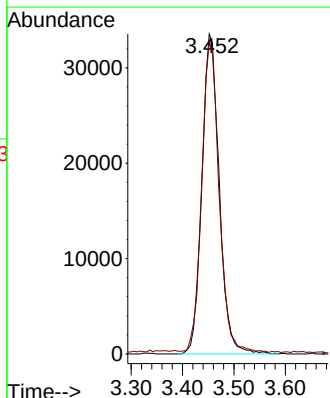
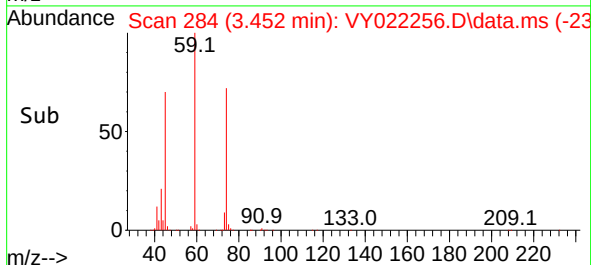
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

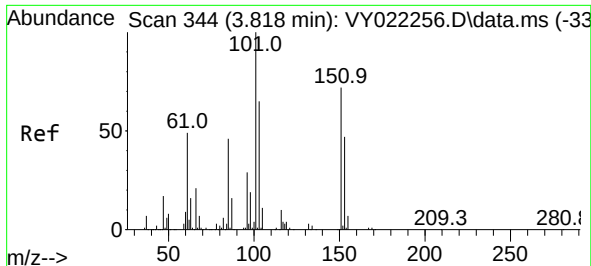


#8
Diethyl Ether
Concen: 49.338 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



Tgt Ion: 74 Resp: 78670
Ion Ratio Lower Upper
74 100
45 97.2 48.6 145.8





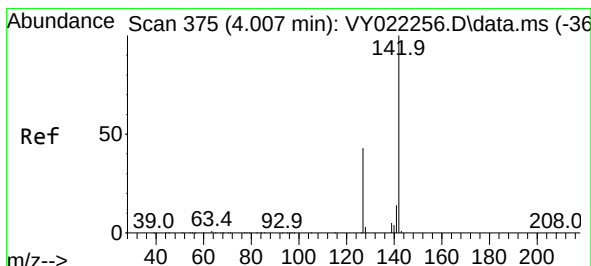
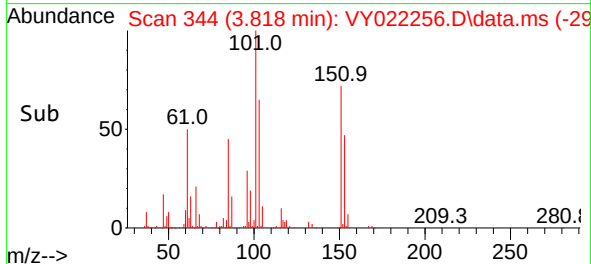
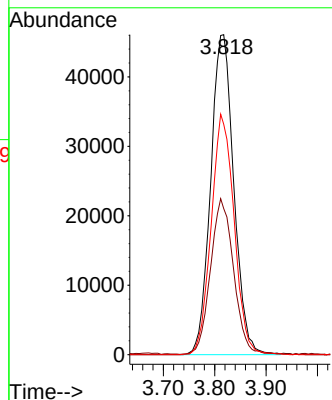
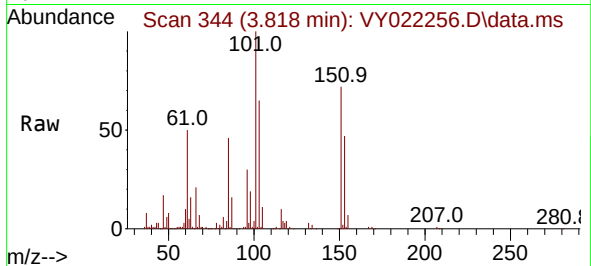
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.930 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 144018
Ion Ratio Lower Upper
101 100
85 48.3 38.6 58.0
151 74.6 59.7 89.5

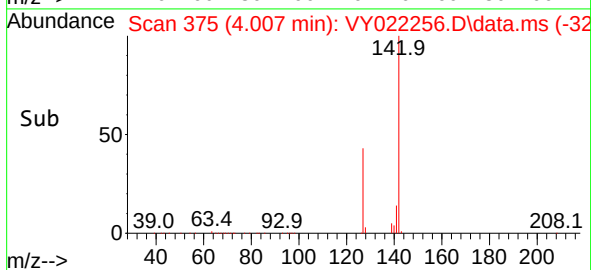
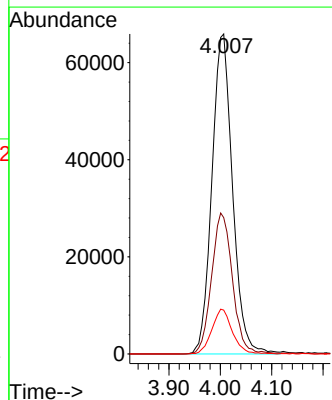
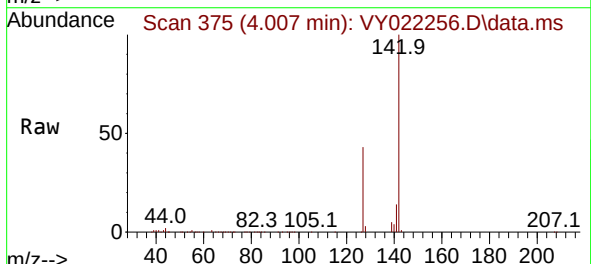
Manual Integrations
APPROVED

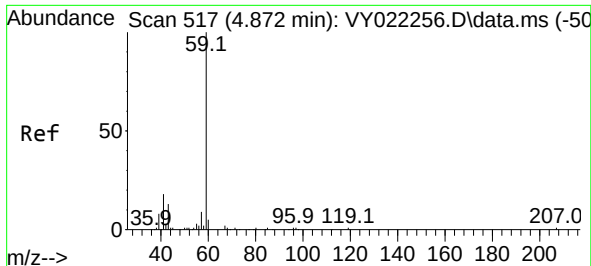
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 55.091 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

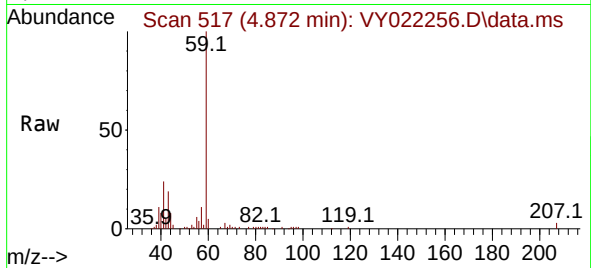
Tgt Ion:142 Resp: 183918
Ion Ratio Lower Upper
142 100
127 44.6 35.7 53.5
141 13.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 231.036 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

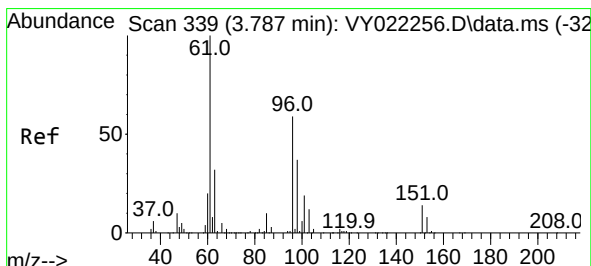
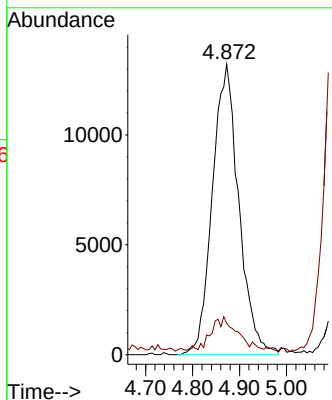
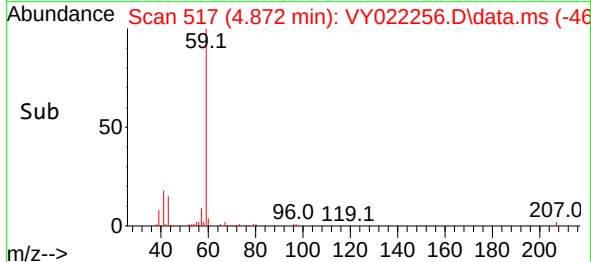
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



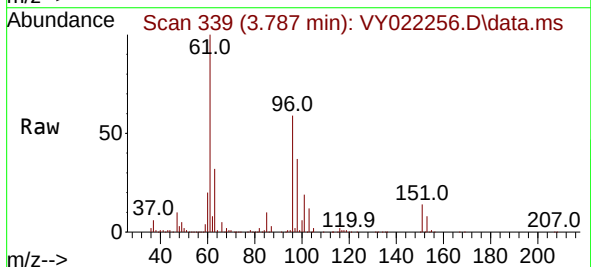
Tgt Ion: 59 Resp: 51598
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

Manual Integrations
APPROVED

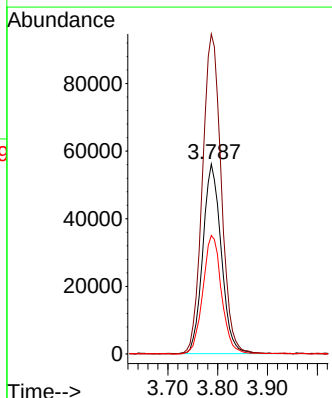
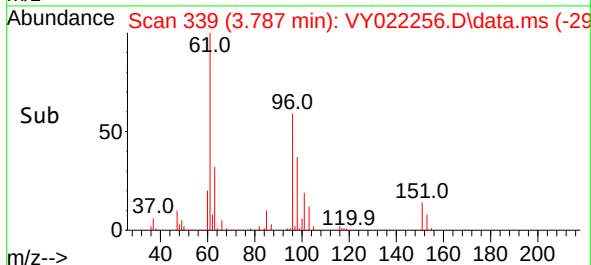
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

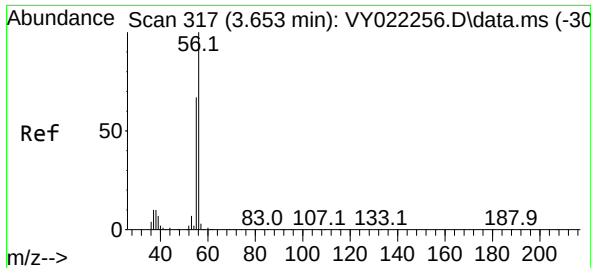


#12
1,1-Dichloroethene
Concen: 50.344 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



Tgt Ion: 96 Resp: 144103
Ion Ratio Lower Upper
96 100
61 168.6 134.9 202.3
98 62.4 49.9 74.9





#13

Acrolein

Concen: 231.010 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

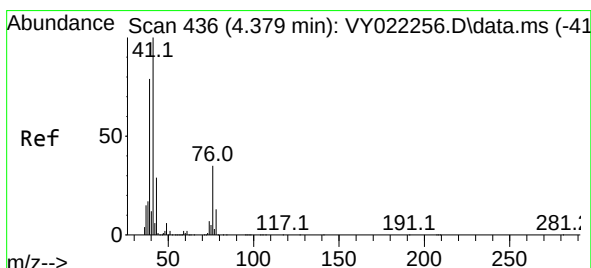
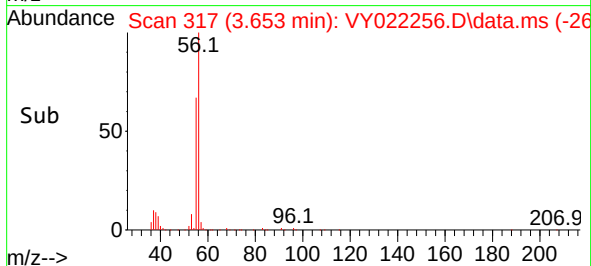
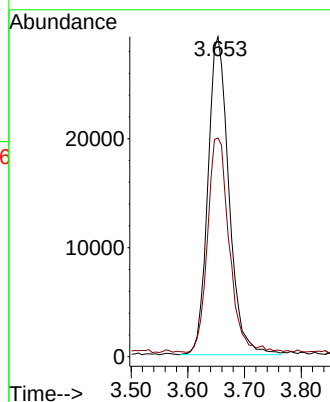
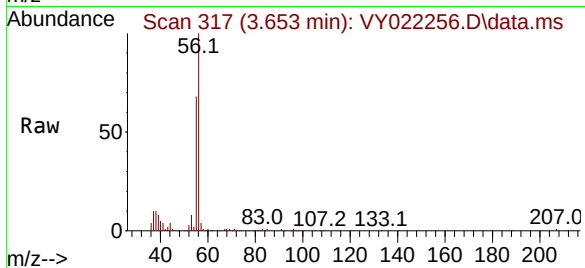
VSTDICCC050

Tgt Ion: 56 Resp: 75423
 Ion Ratio Lower Upper
 56 100
 55 69.5 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#14

Allyl chloride

Concen: 51.106 ug/l

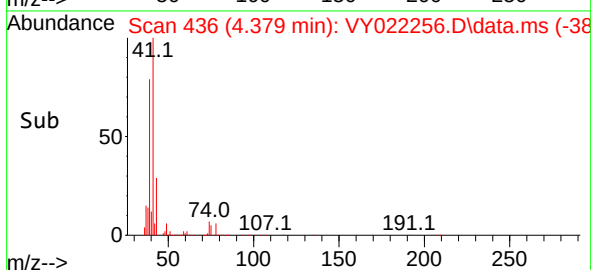
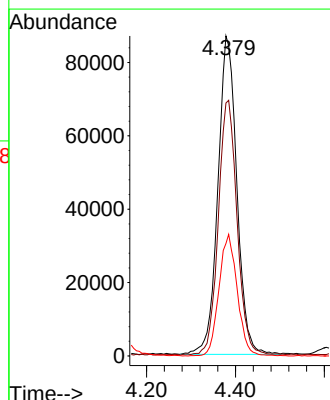
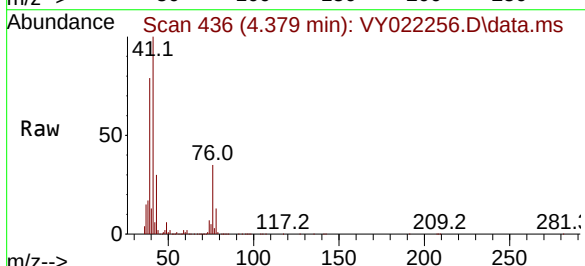
RT: 4.379 min Scan# 436

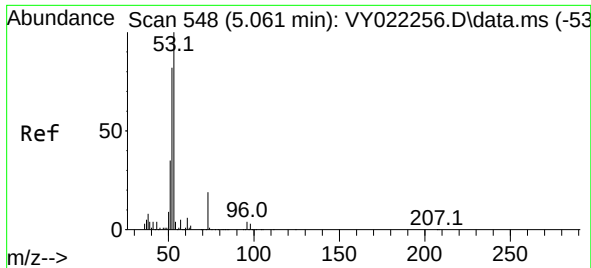
Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

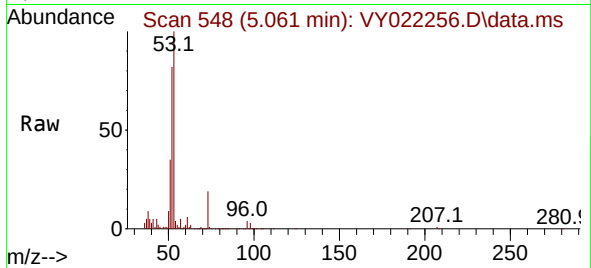
Tgt Ion: 41 Resp: 256499
 Ion Ratio Lower Upper
 41 100
 39 79.2 63.4 95.0
 76 36.9 29.5 44.3





#15
Acrylonitrile
Concen: 244.283 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

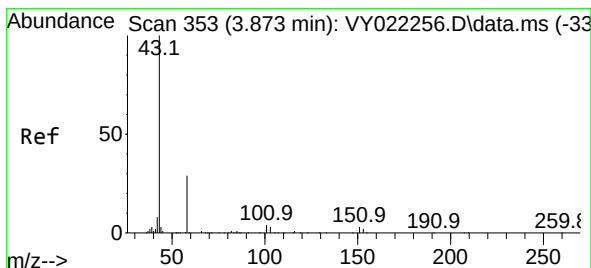
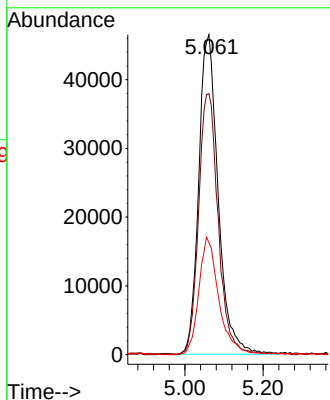
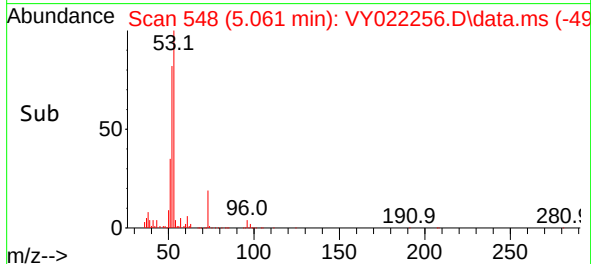
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



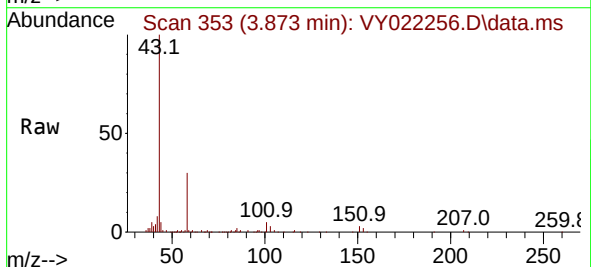
Tgt Ion: 53 Resp: 160490
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 37.5 30.0 45.0

Manual Integrations
APPROVED

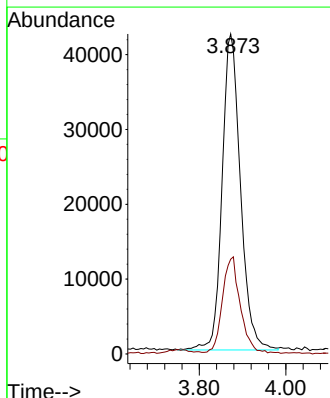
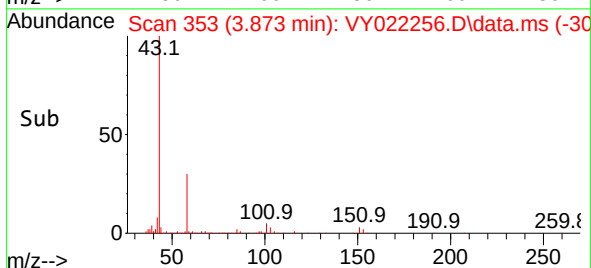
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

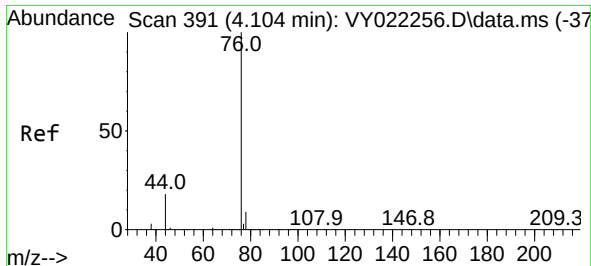


#16
Acetone
Concen: 226.888 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



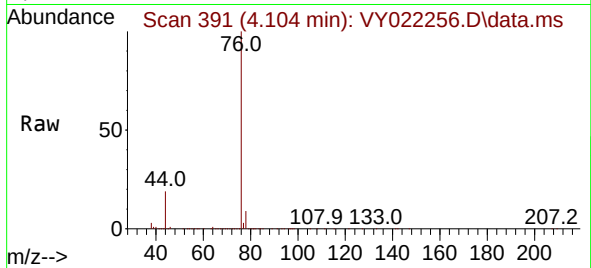
Tgt Ion: 43 Resp: 124421
Ion Ratio Lower Upper
43 100
58 29.5 23.6 35.4





#17
Carbon Disulfide
Concen: 50.244 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

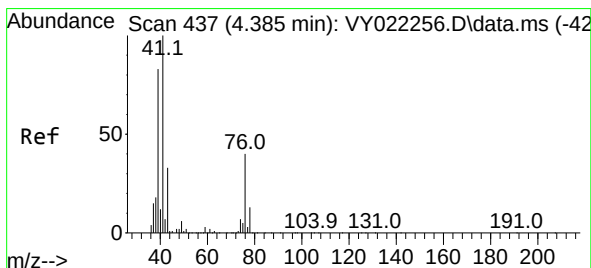
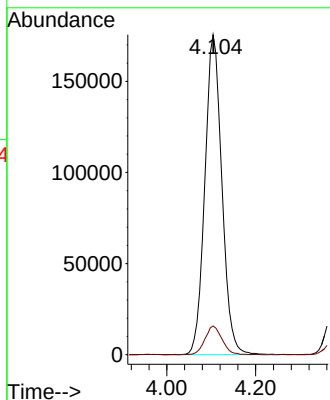
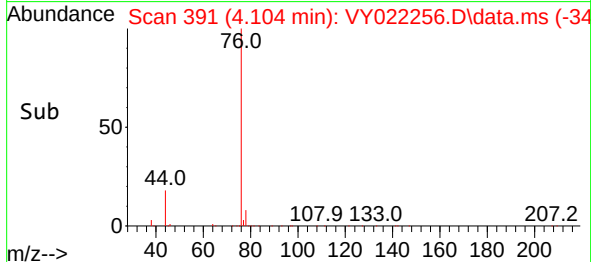
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



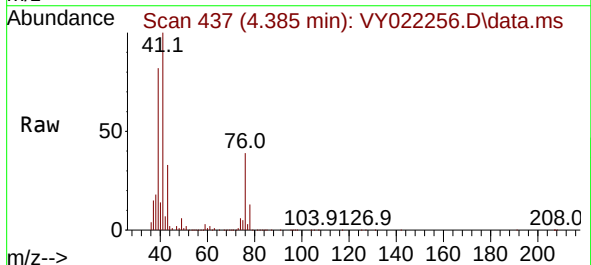
Tgt Ion: 76 Resp: 468979
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Manual Integrations
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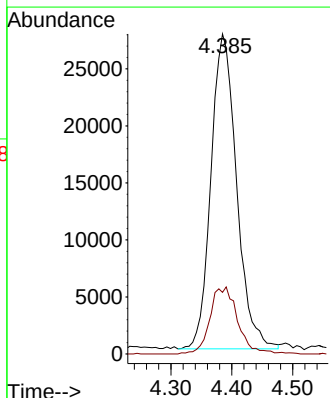
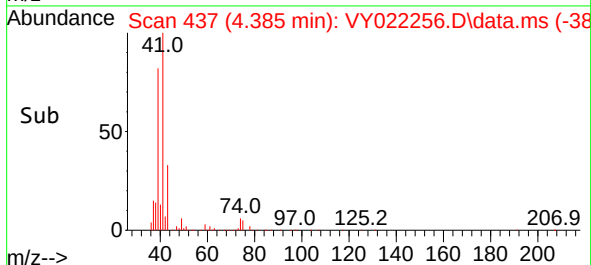
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

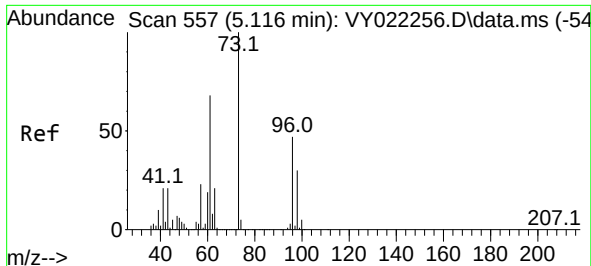


#18
Methyl Acetate
Concen: 48.436 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



Tgt Ion: 43 Resp: 80820
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4





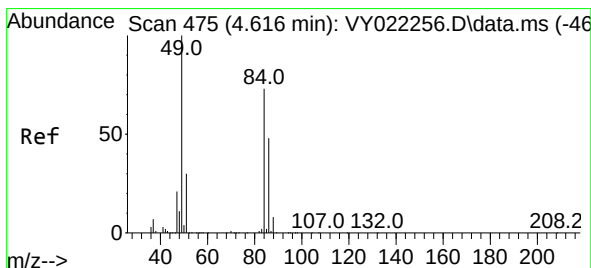
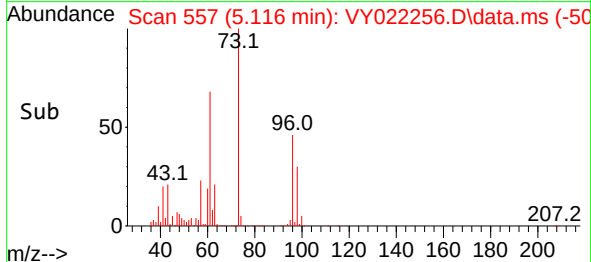
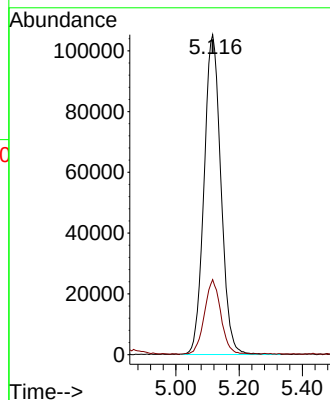
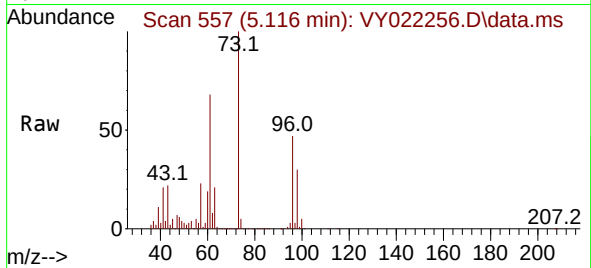
#19
Methyl tert-butyl Ether
Concen: 49.466 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 390412
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0

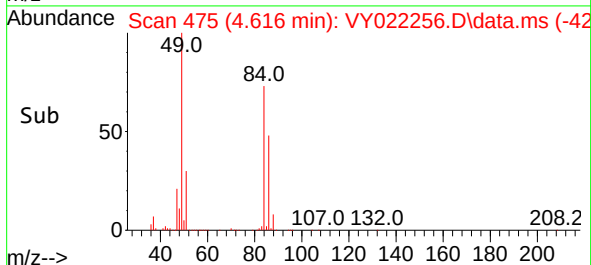
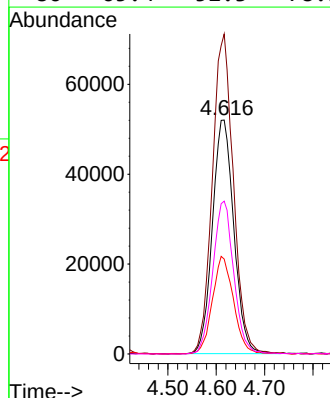
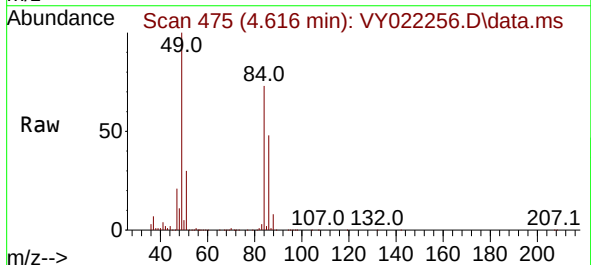
Manual Integrations
APPROVED

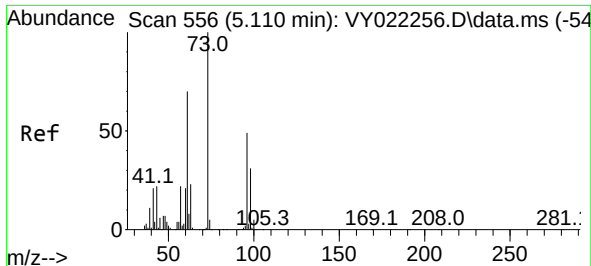
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20
Methylene Chloride
Concen: 45.087 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

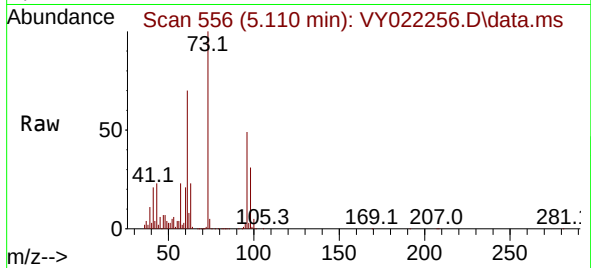
Tgt Ion: 84 Resp: 159764
Ion Ratio Lower Upper
84 100
49 137.0 109.6 164.4
51 40.5 32.4 48.6
86 65.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.181 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

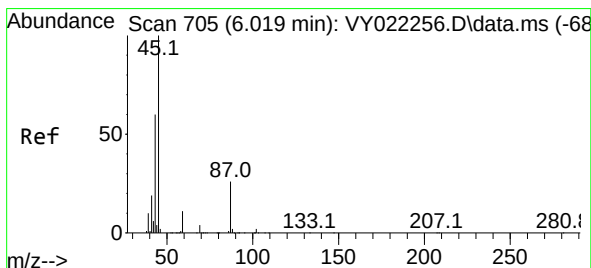
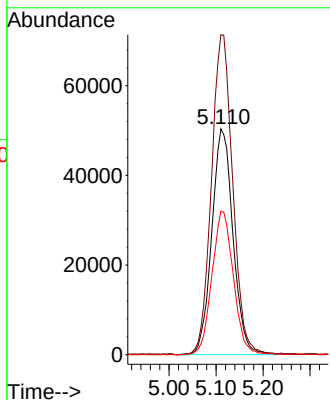
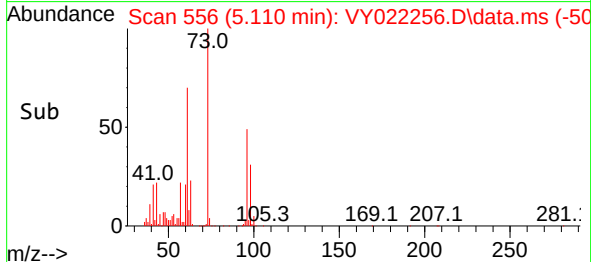
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 158544
Ion Ratio Lower Upper
96 100
61 141.7 113.4 170.0
98 63.6 50.9 76.3

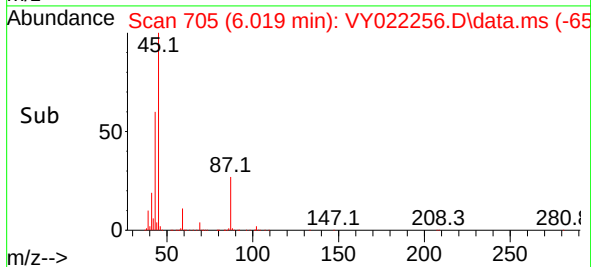
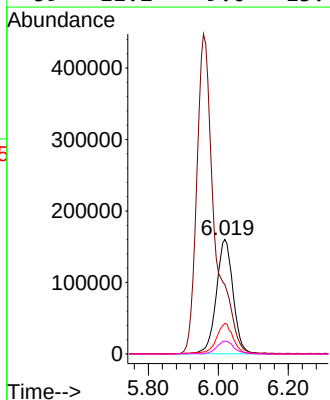
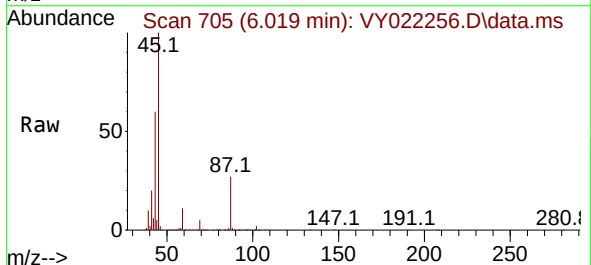
Manual Integrations
APPROVED

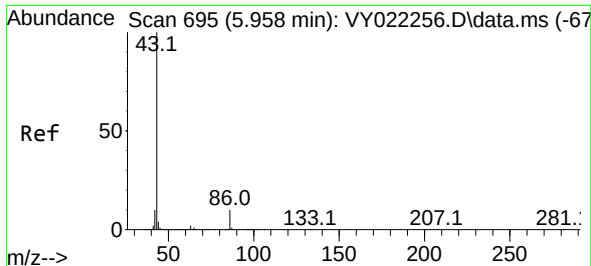
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 50.152 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

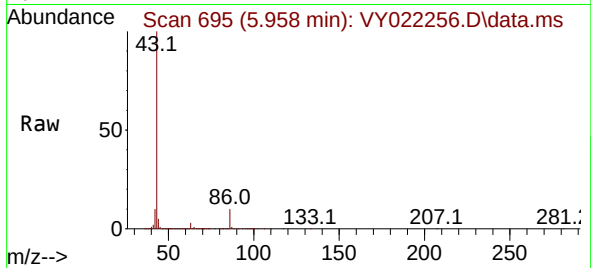
Tgt Ion: 45 Resp: 531560
Ion Ratio Lower Upper
45 100
43 60.2 48.2 72.2
87 26.7 21.4 32.0
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 245.223 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

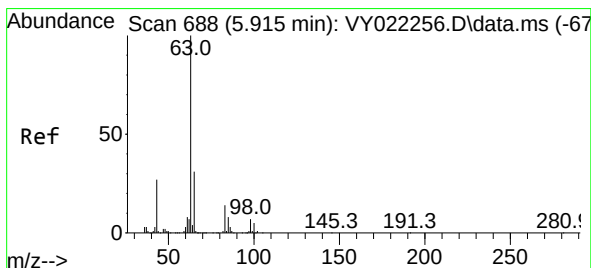
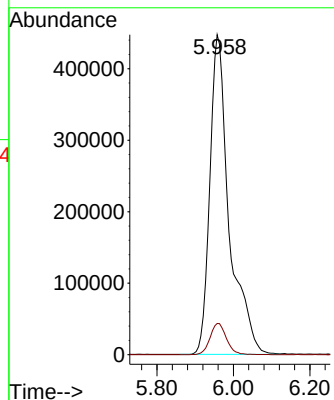
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



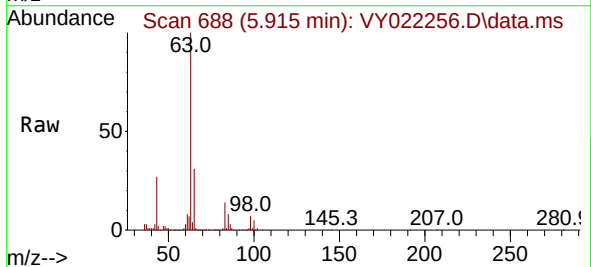
Tgt Ion: 43 Resp: 1570214
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
 APPROVED

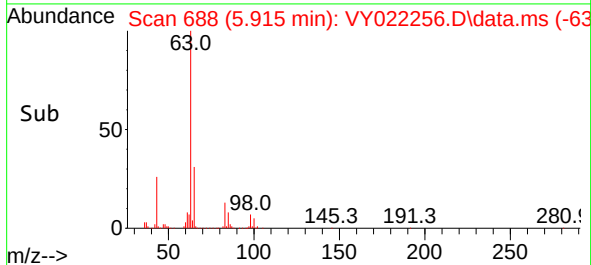
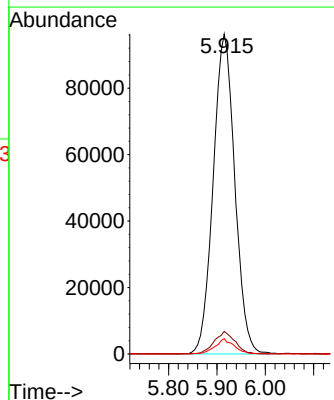
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

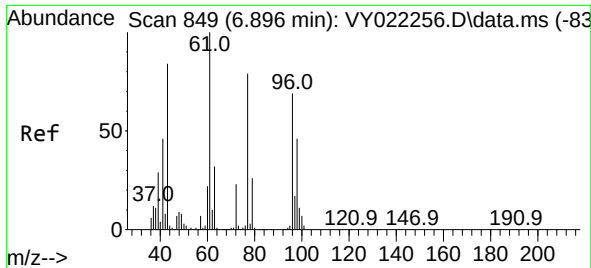


#24
 1,1-Dichloroethane
 Concen: 50.465 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02



Tgt Ion: 63 Resp: 298823
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.8 2.4 7.2





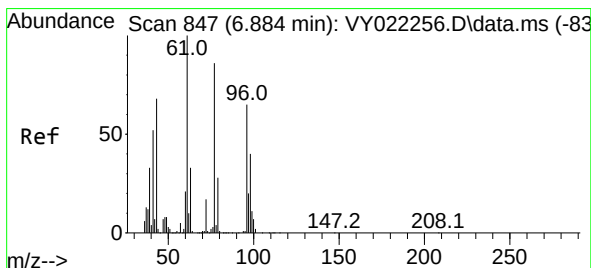
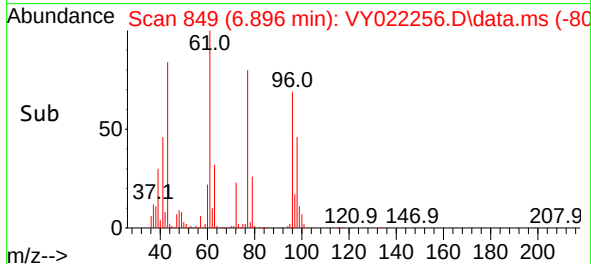
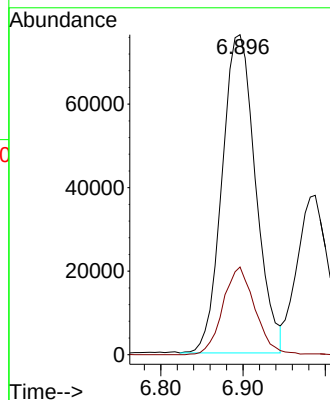
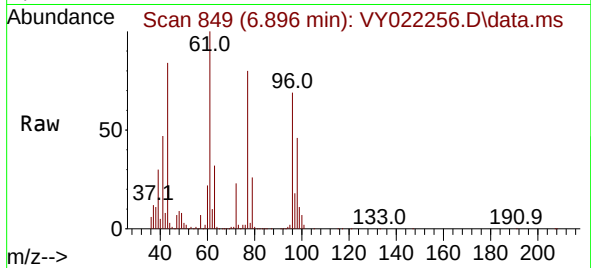
#25
2-Butanone
Concen: 235.291 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 215828
Ion Ratio Lower Upper
43 100
72 27.6 22.1 33.1

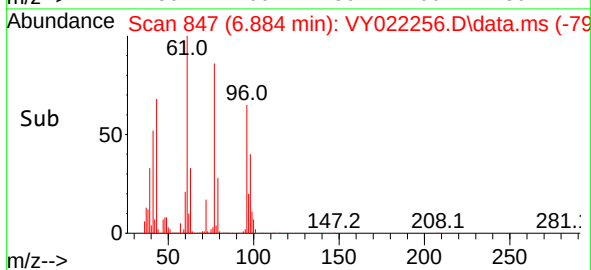
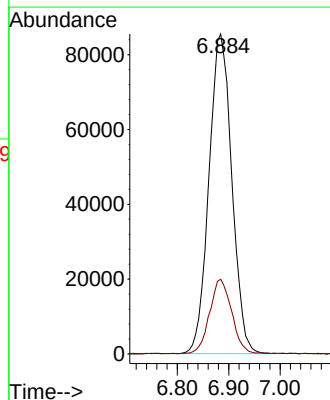
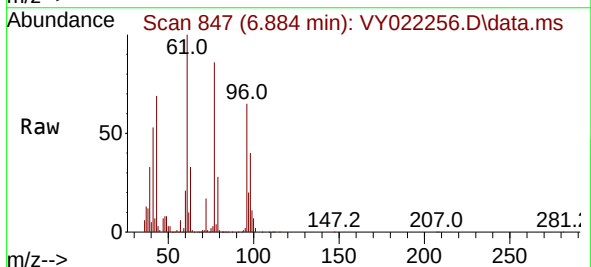
Manual Integrations
APPROVED

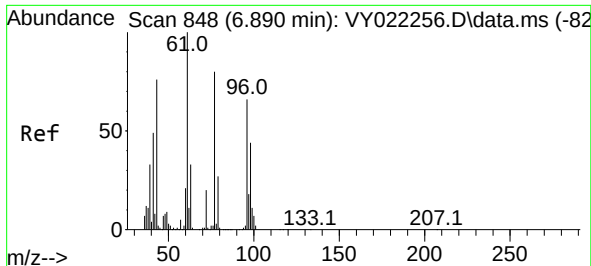
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#26
2,2-Dichloropropane
Concen: 50.153 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

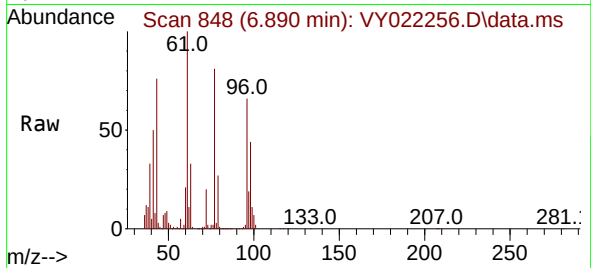
Tgt Ion: 77 Resp: 264141
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 50.698 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

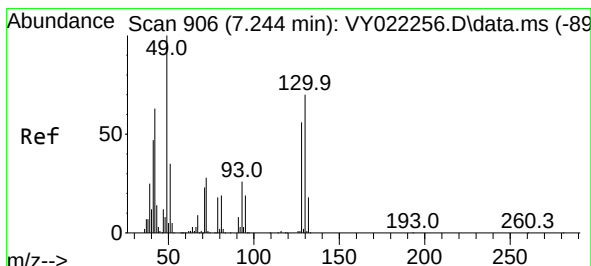
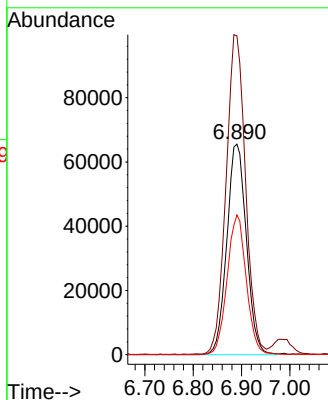
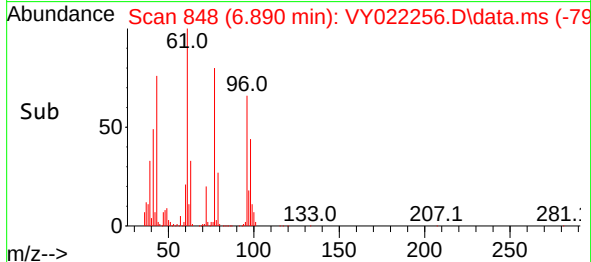
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



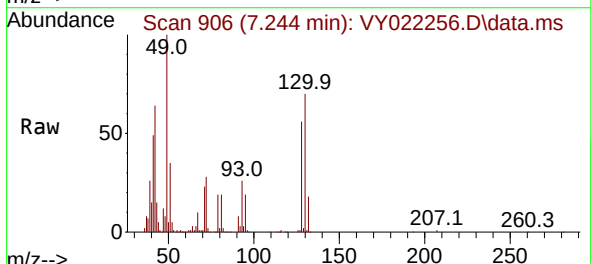
Tgt Ion: 96 Resp: 18484
 Ion Ratio Lower Upper
 96 100
 61 151.3 0.0 302.6
 98 64.4 0.0 128.8

Manual Integrations
 APPROVED

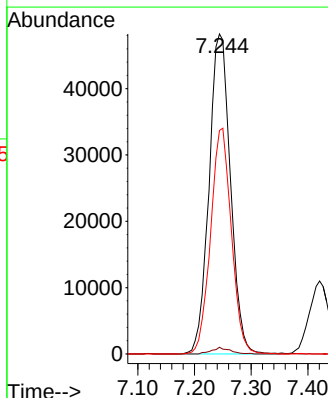
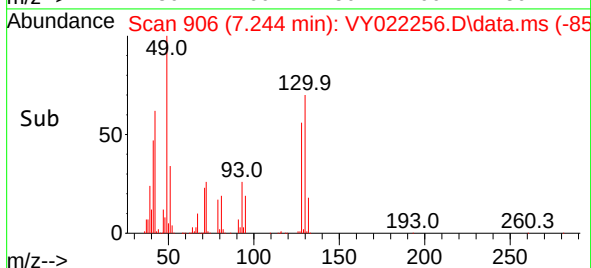
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

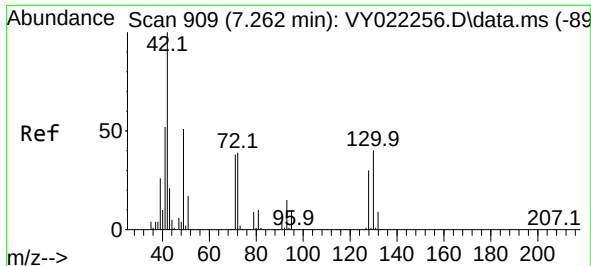


#28
 Bromochloromethane
 Concen: 50.100 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02



Tgt Ion: 49 Resp: 126541
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 68.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 241.931 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

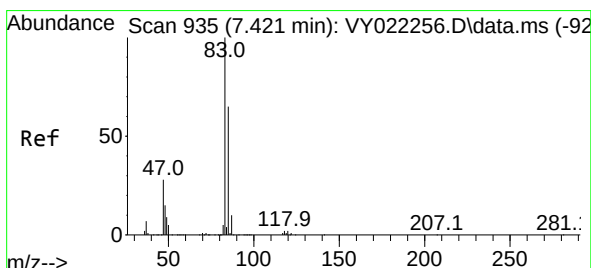
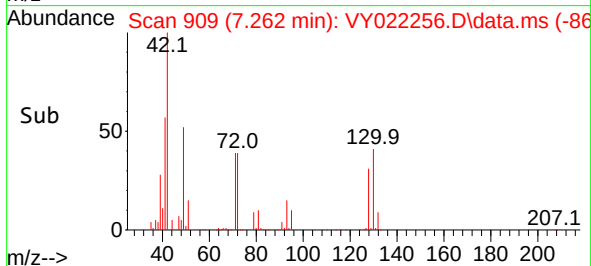
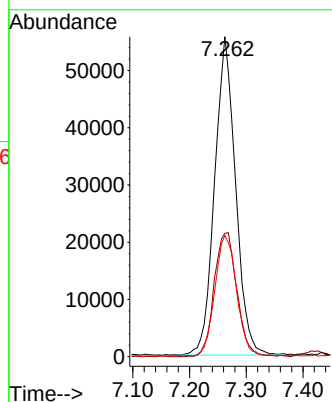
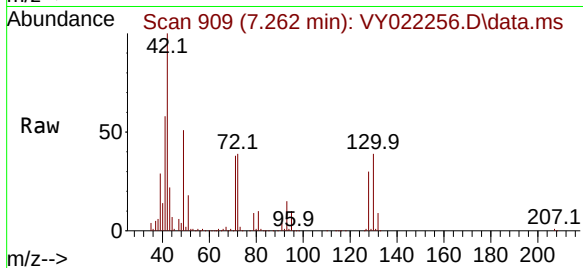
VSTDICCC050

Tgt Ion:	42	Resp:	142772
Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.8	50.6
71	39.4	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#30

Chloroform

Concen: 50.831 ug/l

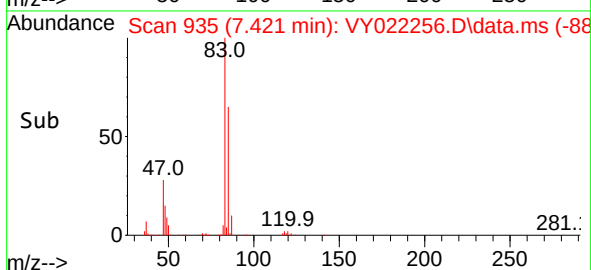
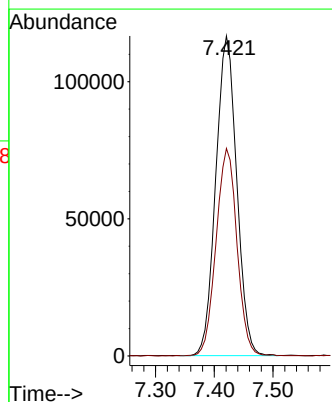
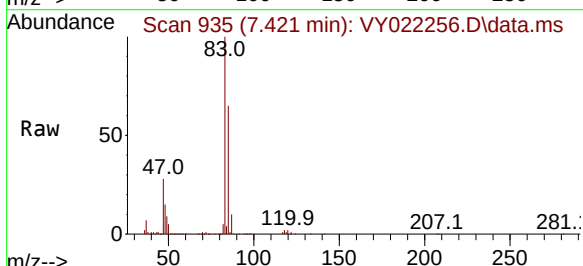
RT: 7.421 min Scan# 935

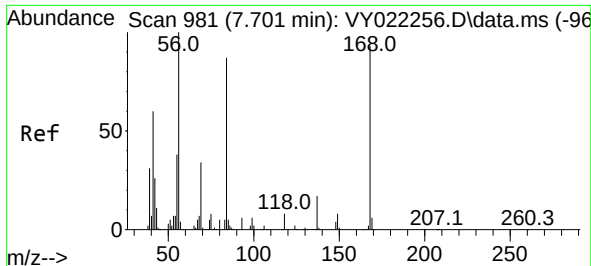
Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

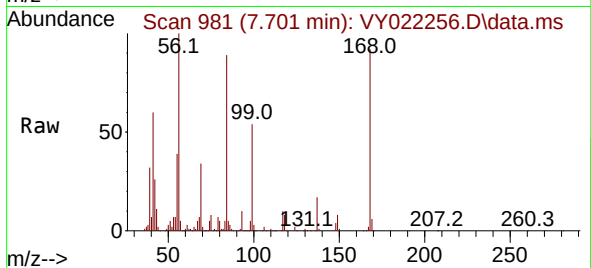
Tgt Ion:	83	Resp:	288708
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8





#31
Cyclohexane
Concen: 47.728 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

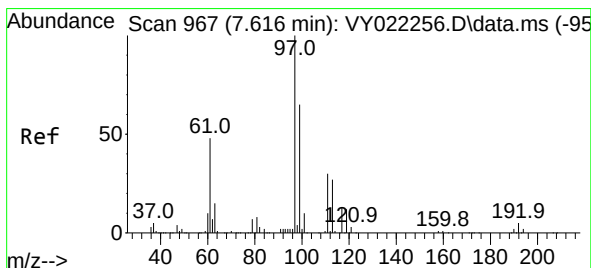
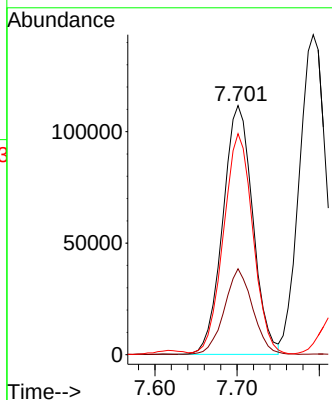
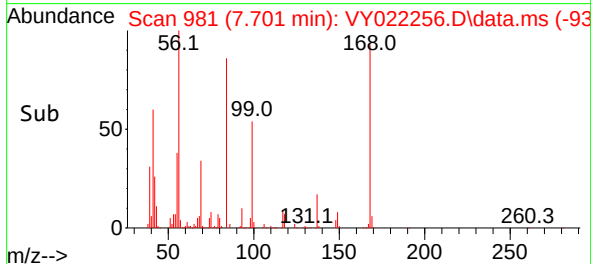
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



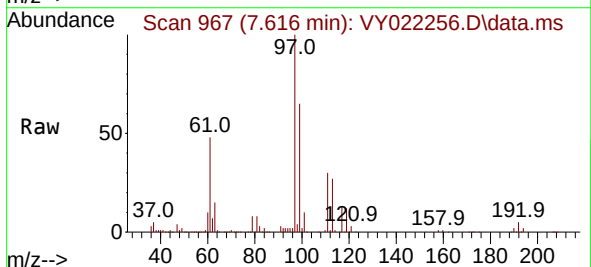
Tgt Ion: 56 Resp: 282375
Ion Ratio Lower Upper
56 100
69 34.3 27.4 41.2
84 87.5 70.0 105.0

Manual Integrations
APPROVED

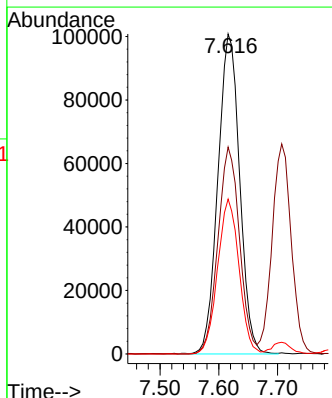
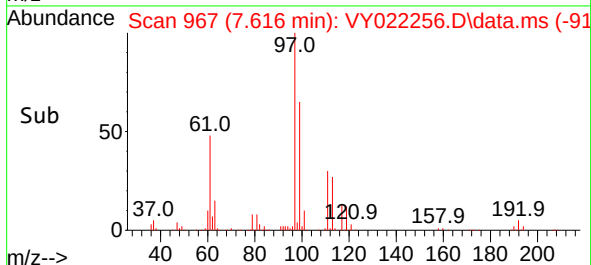
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

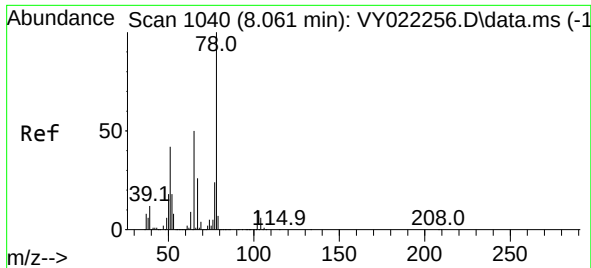


#32
1,1,1-Trichloroethane
Concen: 49.777 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



Tgt Ion: 97 Resp: 259382
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 47.6 38.1 57.1





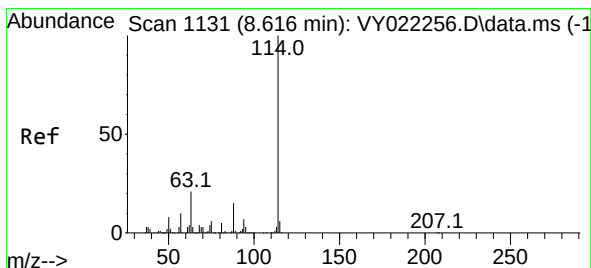
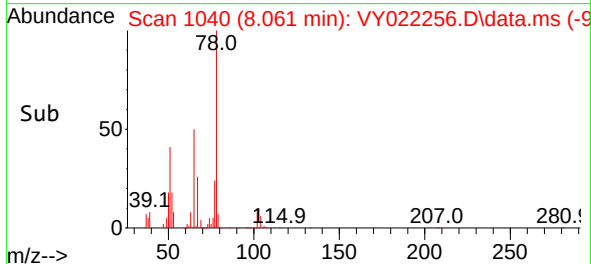
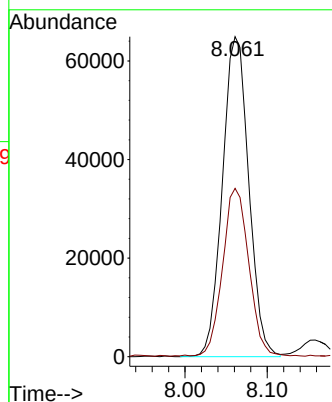
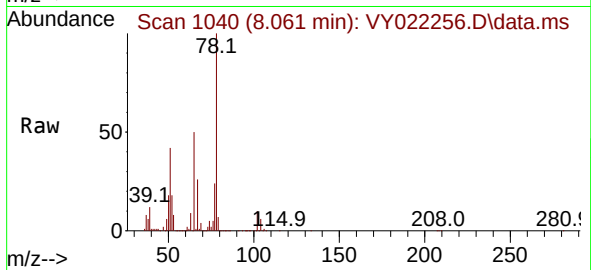
#33
1,2-Dichloroethane-d4
Concen: 49.481 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 14471
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6

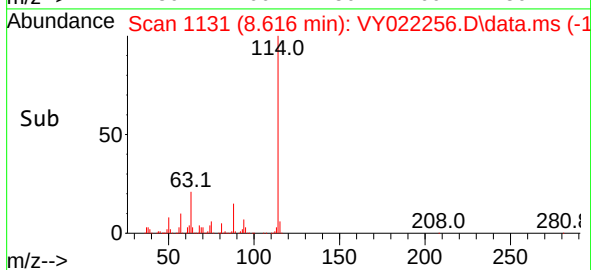
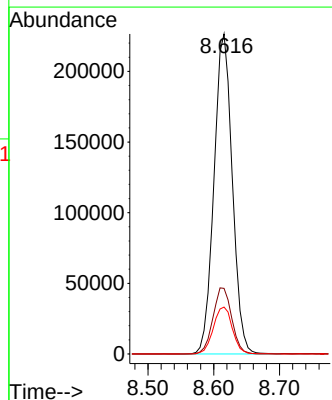
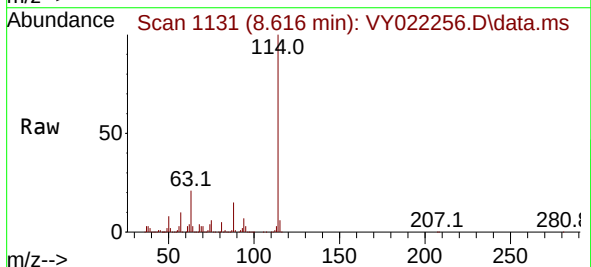
Manual Integrations
APPROVED

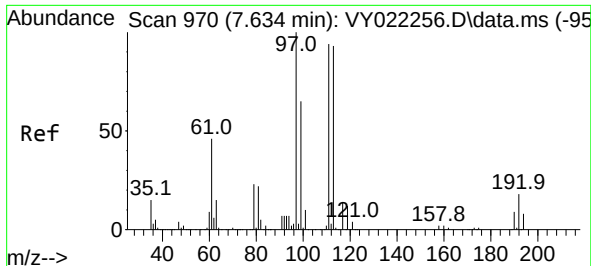
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

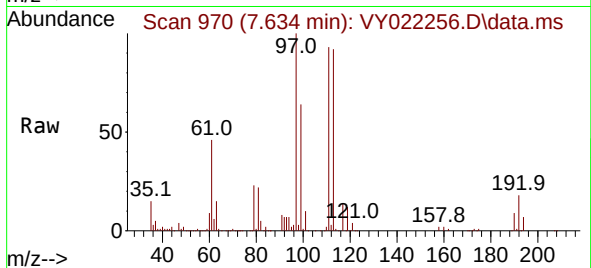
Tgt Ion:114 Resp: 439323
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.0
88 14.7 0.0 29.4





#35
Dibromofluoromethane
Concen: 50.495 ug/l
RT: 7.634 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

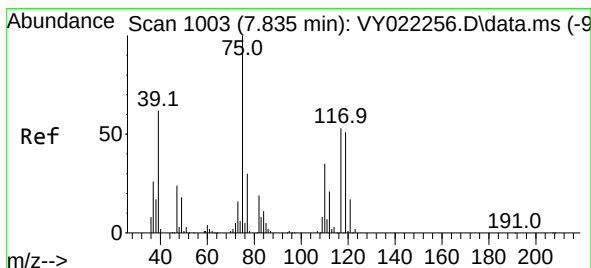
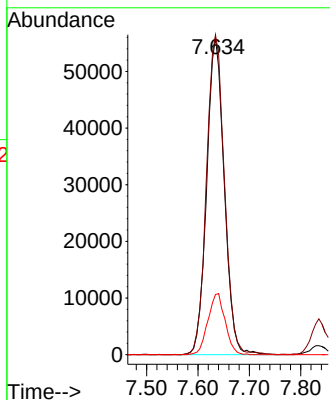
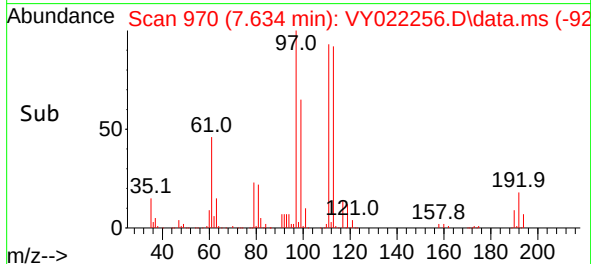
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



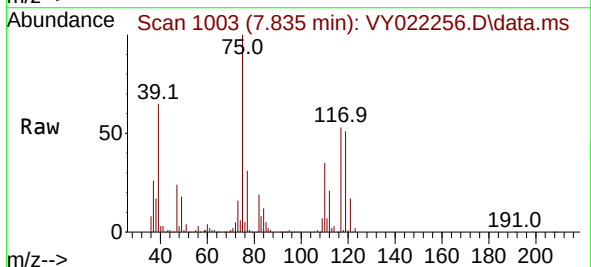
Tgt Ion: 113 Resp: 132404
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 19.0 15.2 22.8

Manual Integrations
APPROVED

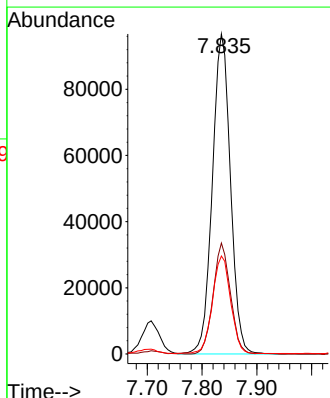
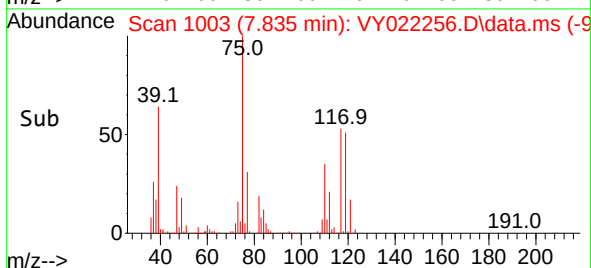
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

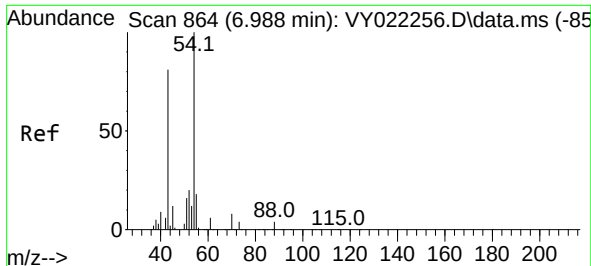


#36
1,1-Dichloropropene
Concen: 51.388 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



Tgt Ion: 75 Resp: 221943
Ion Ratio Lower Upper
75 100
110 33.2 16.6 49.8
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 49.529 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

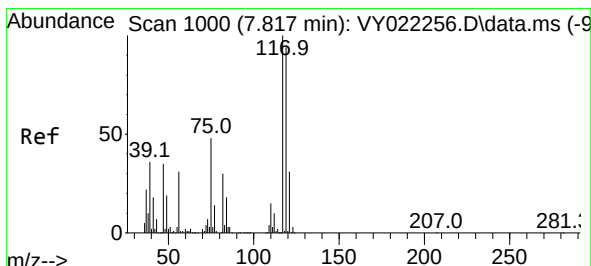
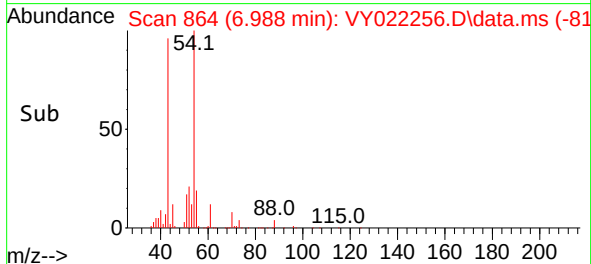
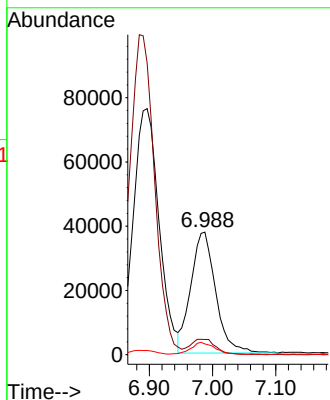
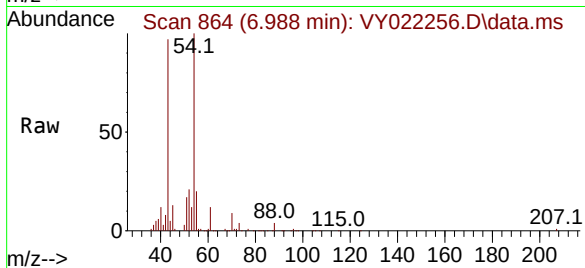
Tgt Ion: 43 Resp: 102924

Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.2	15.2
70	9.5	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#38

Carbon Tetrachloride

Concen: 50.754 ug/l

RT: 7.817 min Scan# 1000

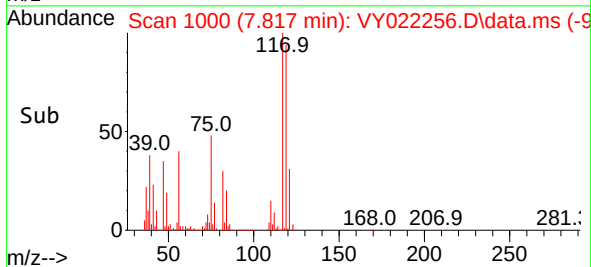
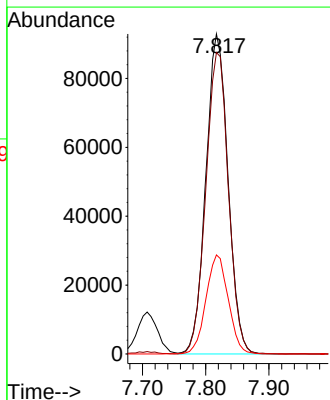
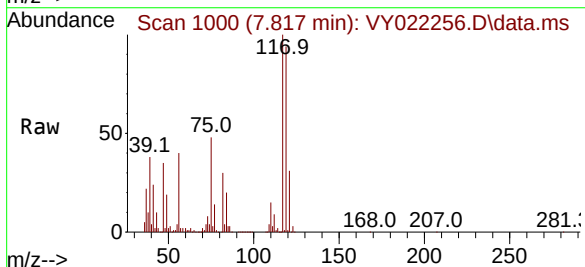
Delta R.T. 0.000 min

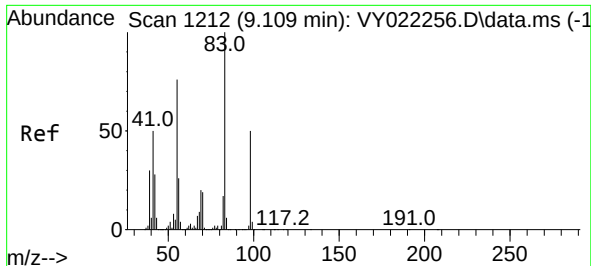
Lab File: VY022256.D

Acq: 15 May 2025 11:02

Tgt Ion:117 Resp: 226903

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.3	112.9
121	30.9	24.7	37.1





#39

Methylcyclohexane

Concen: 50.726 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 294330

Ion Ratio Lower Upper

83 100

55 75.7 60.6 90.8

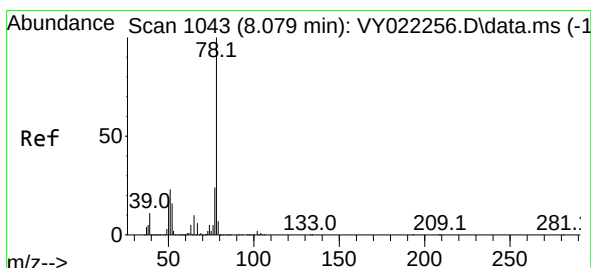
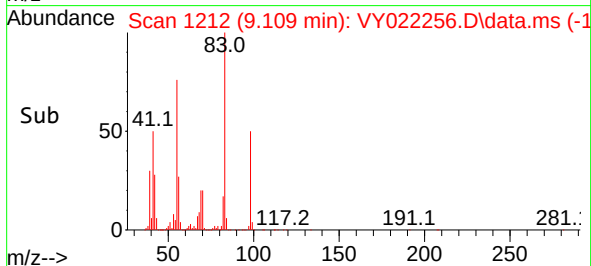
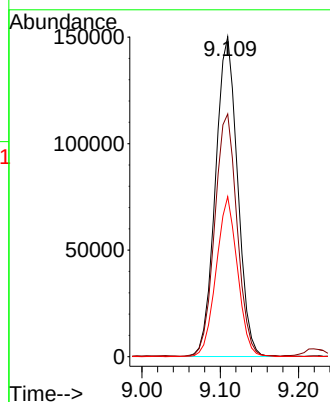
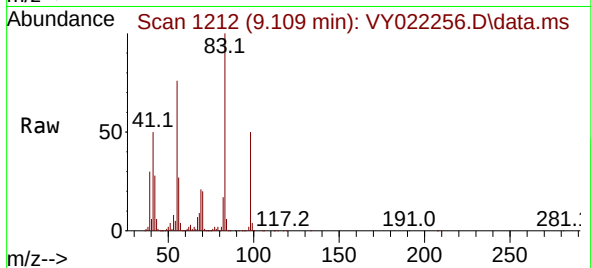
98 50.0 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#40

Benzene

Concen: 51.442 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022256.D

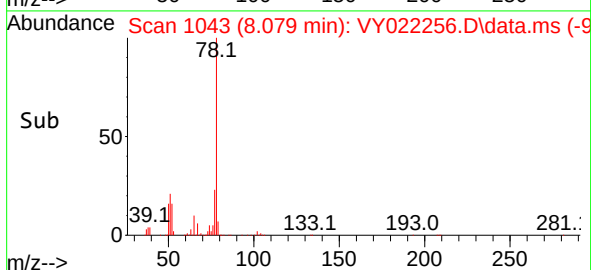
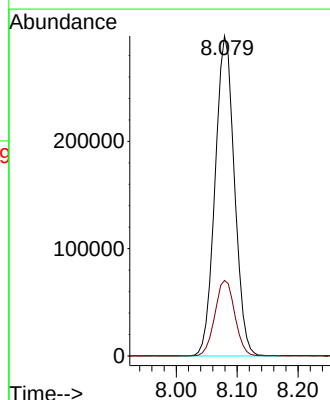
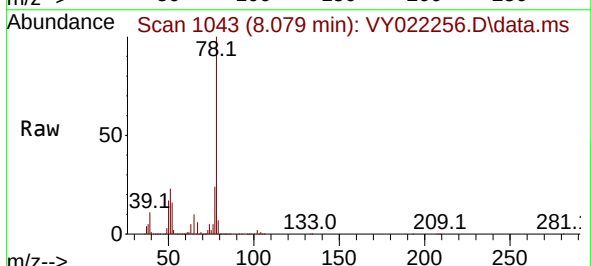
Acq: 15 May 2025 11:02

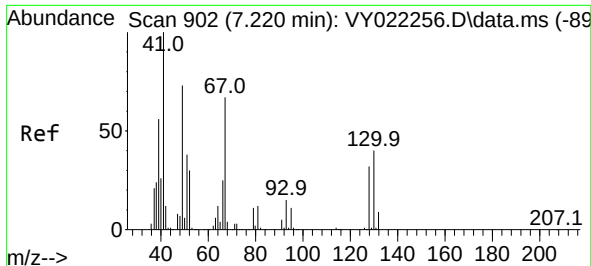
Tgt Ion: 78 Resp: 658644

Ion Ratio Lower Upper

78 100

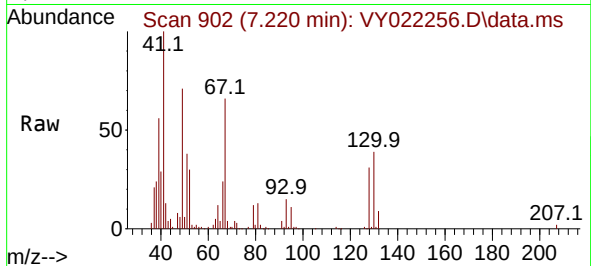
77 23.6 18.9 28.3





#41
Methacrylonitrile
Concen: 45.691 ug/l m
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

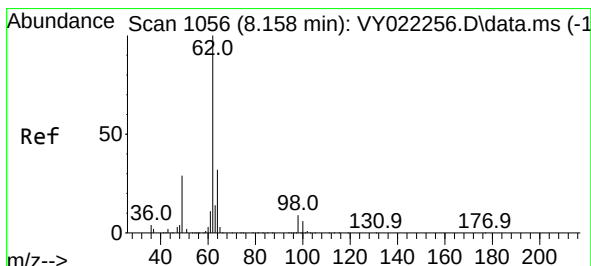
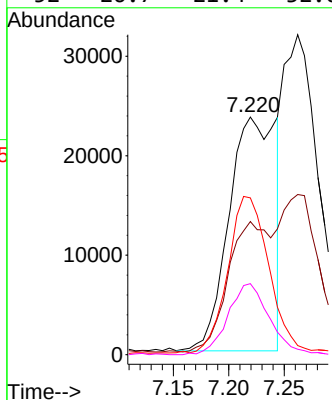
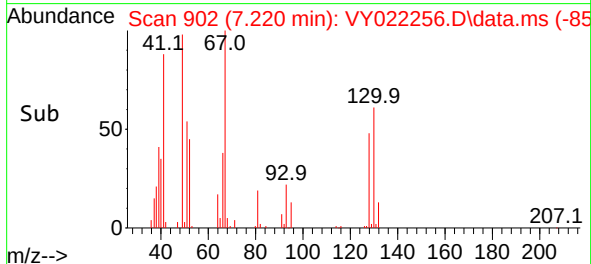
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:	41	Resp:	69470
Ion Ratio	100	Lower	Upper
41	100		
39	48.8	39.1	58.7
67	58.7	47.1	70.7
52	26.7	21.4	32.0

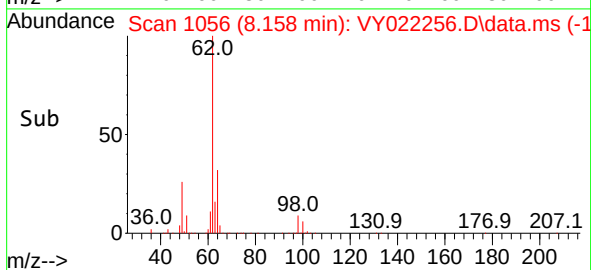
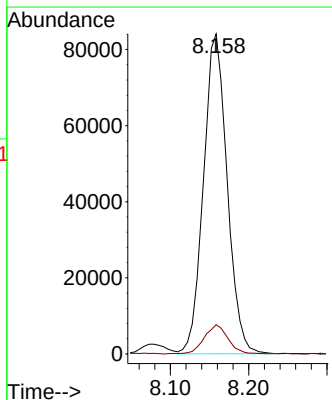
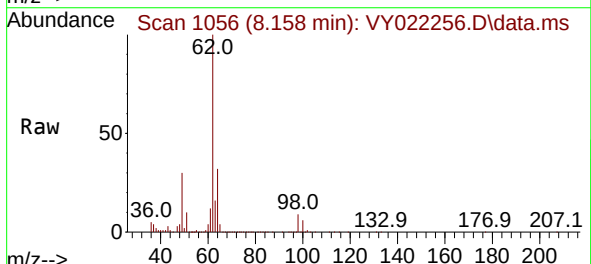
Manual Integrations
APPROVED

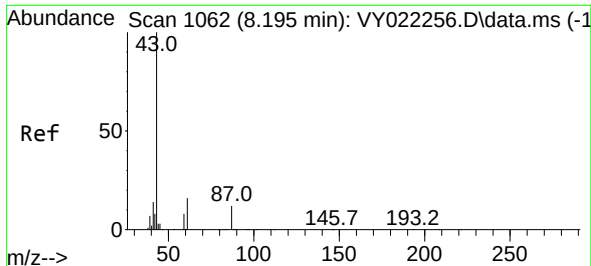
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 50.954 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

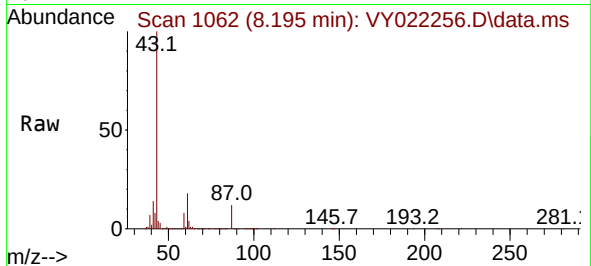
Tgt Ion:	62	Resp:	176425
Ion Ratio	100	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43
Isopropyl Acetate
Concen: 49.785 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

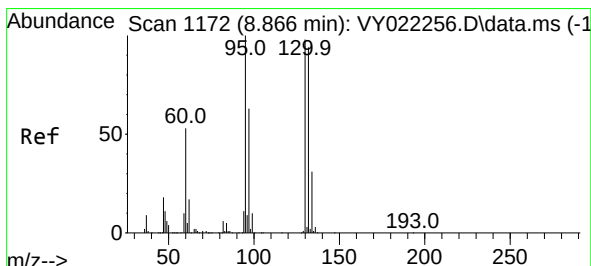
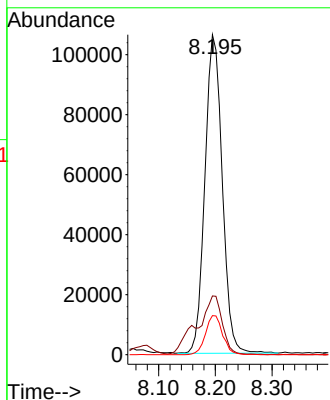
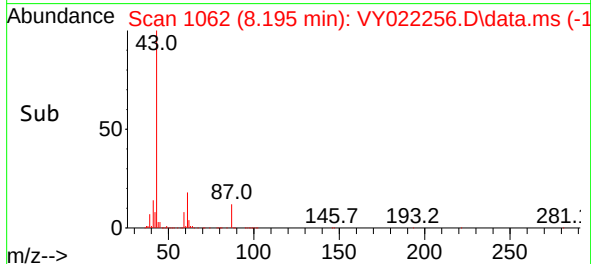
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 225628
Ion Ratio Lower Upper
43 100
61 18.9 15.1 22.7
87 12.1 9.7 14.5

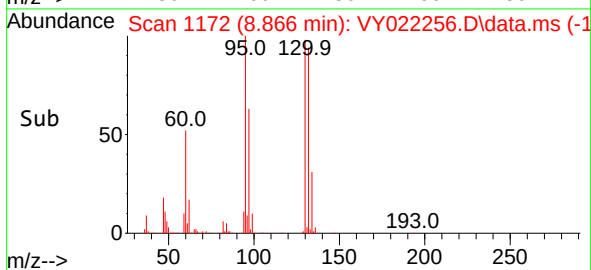
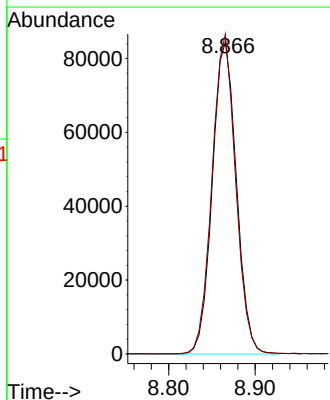
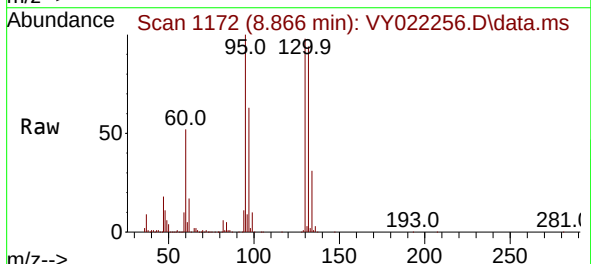
Manual Integrations
APPROVED

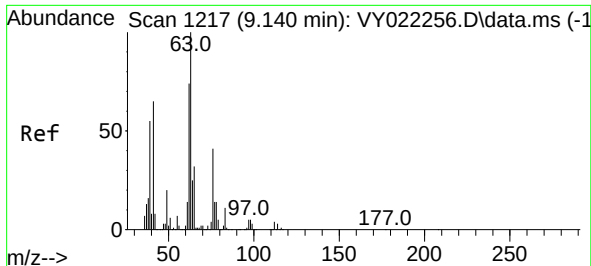
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#44
Trichloroethene
Concen: 51.138 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion:130 Resp: 162802
Ion Ratio Lower Upper
130 100
95 102.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 50.819 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 156870

Ion Ratio Lower Upper

63 100

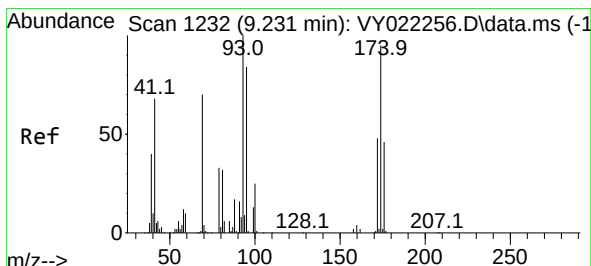
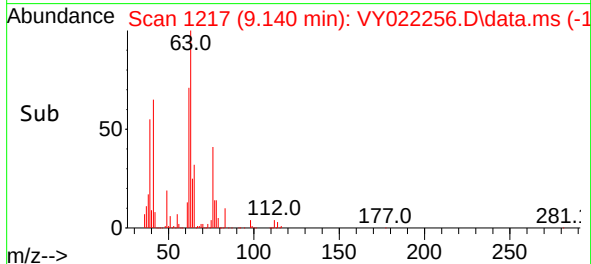
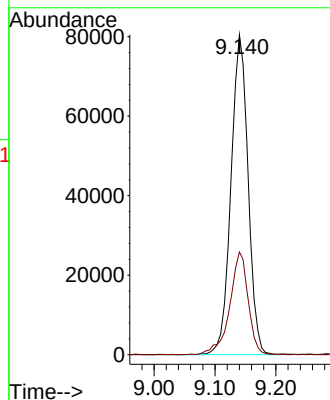
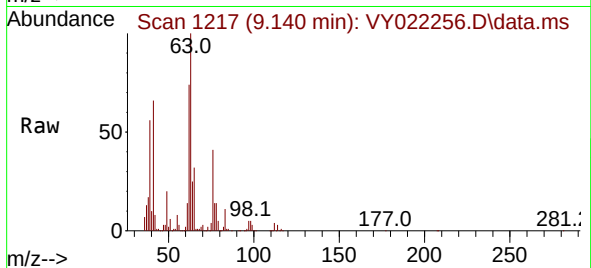
65 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 49.849 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

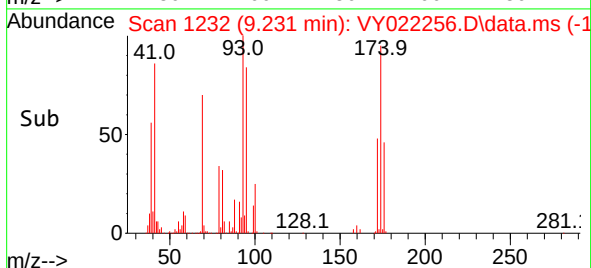
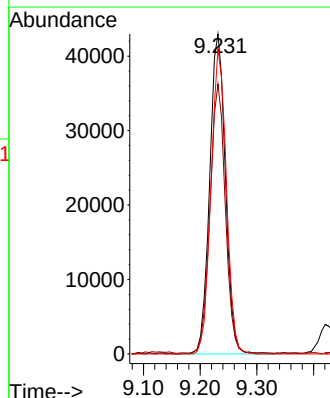
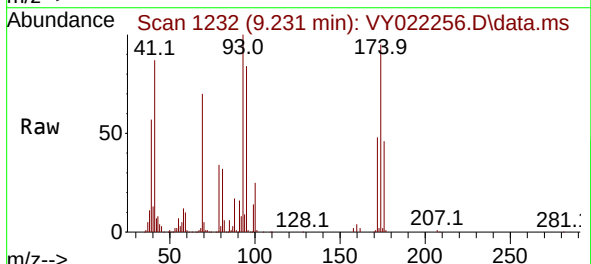
Tgt Ion: 93 Resp: 82994

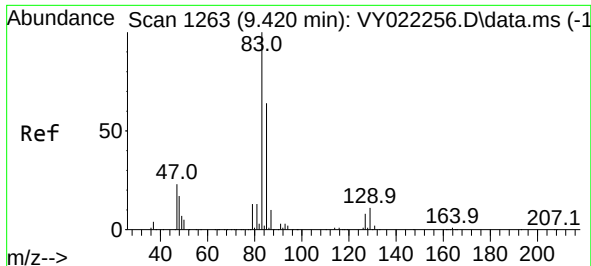
Ion Ratio Lower Upper

93 100

95 81.5 65.2 97.8

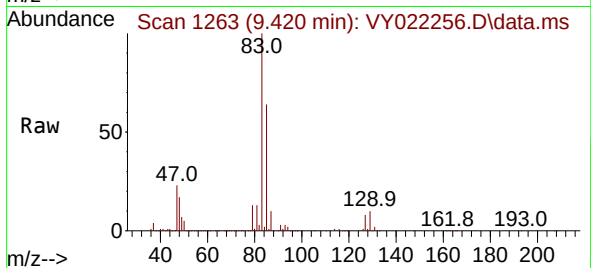
174 92.9 74.3 111.5





#47
Bromodichloromethane
Concen: 51.435 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

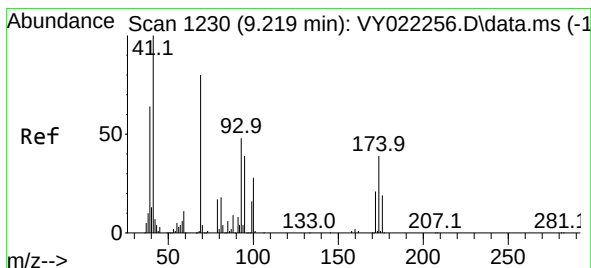
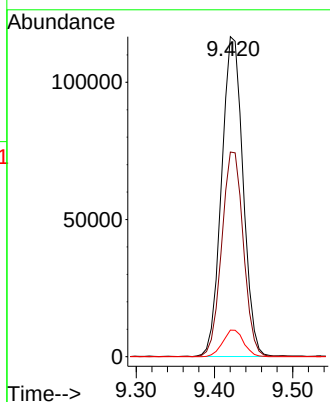
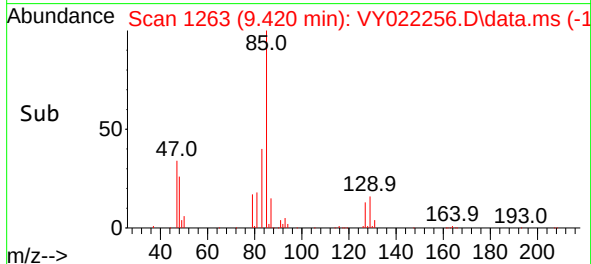
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 222159
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.3 6.6 10.0

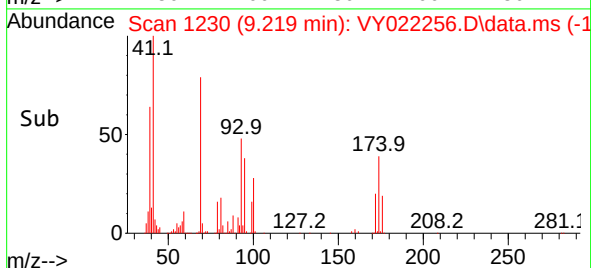
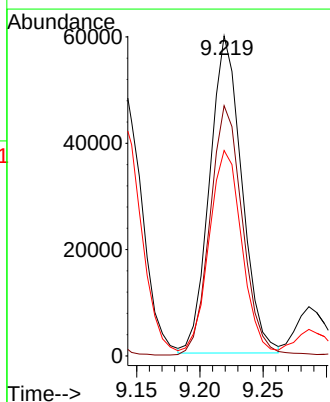
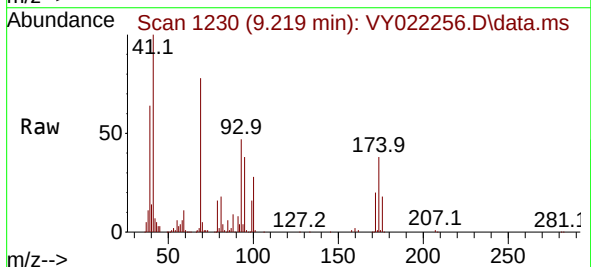
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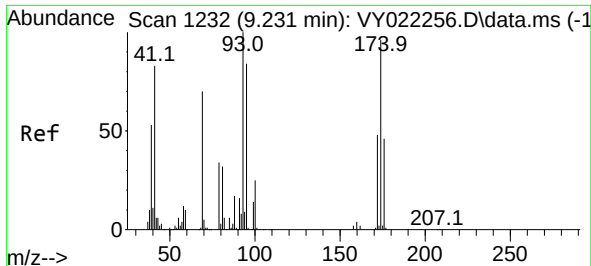
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48
Methyl methacrylate
Concen: 49.726 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 41 Resp: 105390
Ion Ratio Lower Upper
41 100
69 79.4 63.5 95.3
39 63.5 50.8 76.2





#49

1,4-Dioxane

Concen: 958.446 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 1802

Ion Ratio Lower Upper

88 100

43 35.6 28.5 42.7

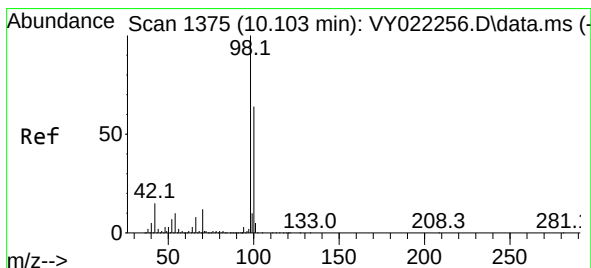
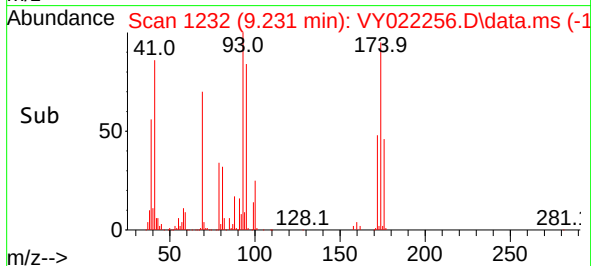
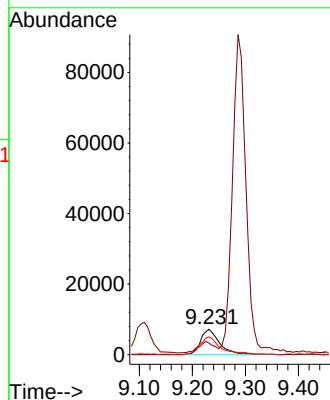
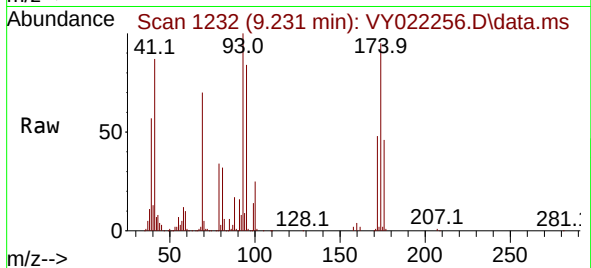
58 76.8 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#50

Toluene-d8

Concen: 50.311 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022256.D

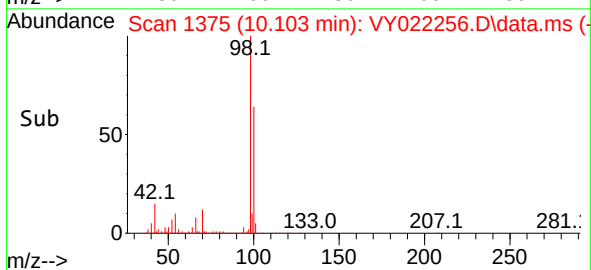
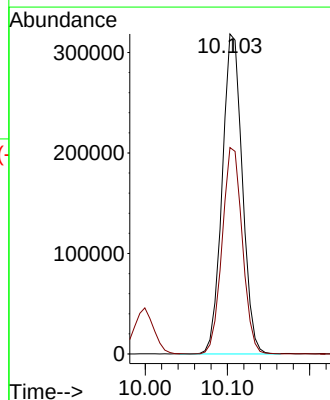
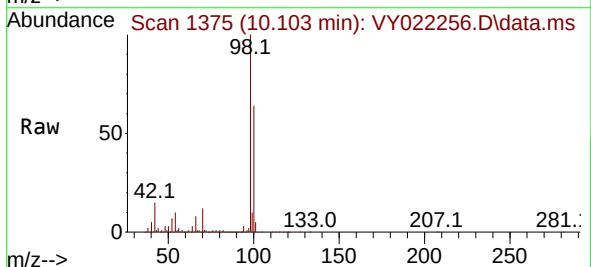
Acq: 15 May 2025 11:02

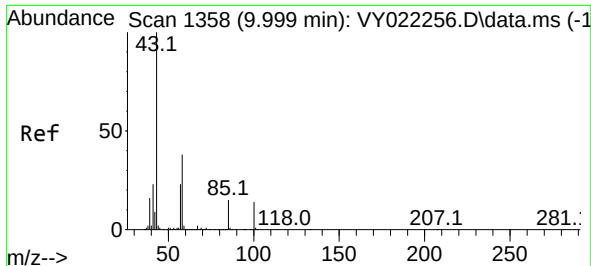
Tgt Ion: 98 Resp: 540296

Ion Ratio Lower Upper

98 100

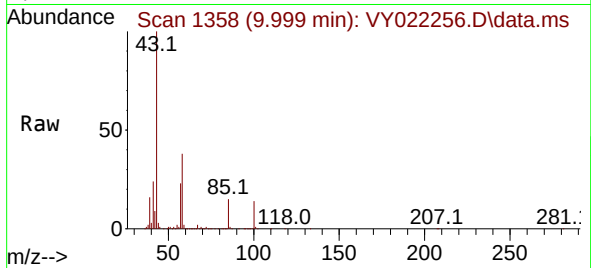
100 64.8 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 250.085 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

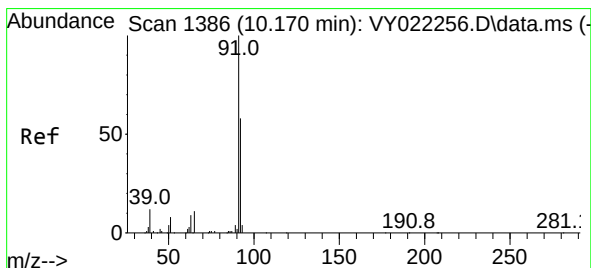
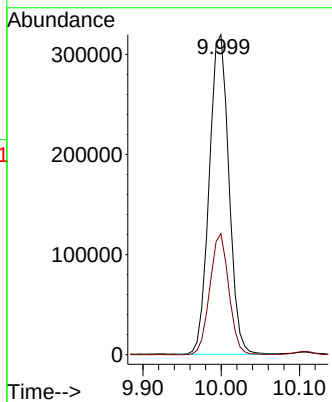
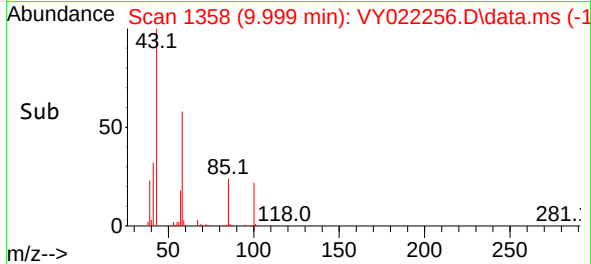
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 55612
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.2

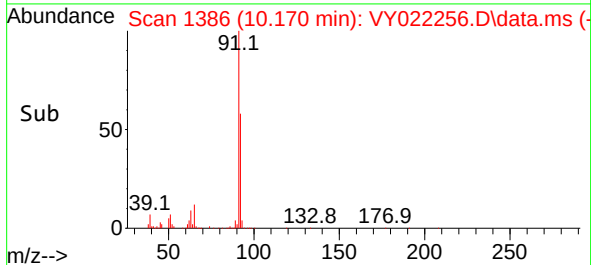
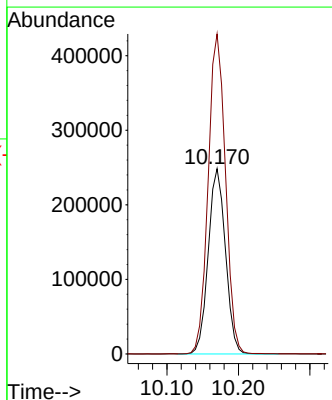
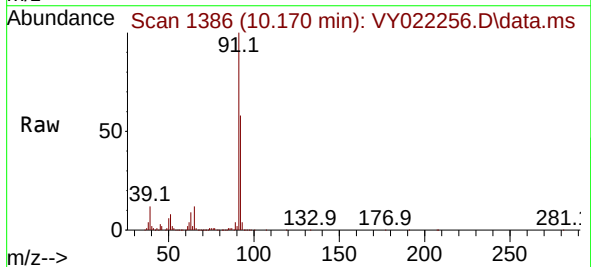
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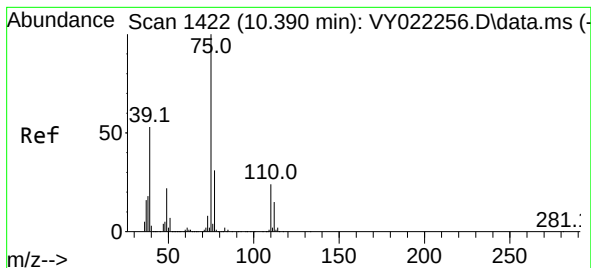
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 51.134 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

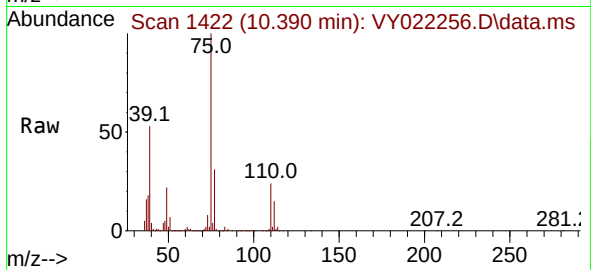
Tgt Ion: 92 Resp: 414584
Ion Ratio Lower Upper
92 100
91 173.9 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 50.768 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

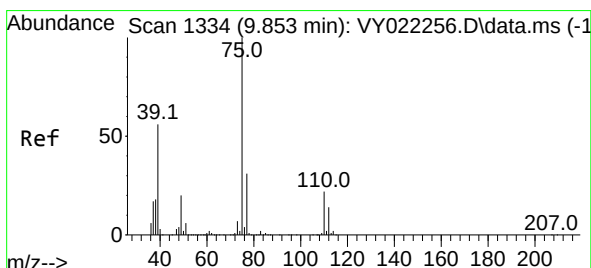
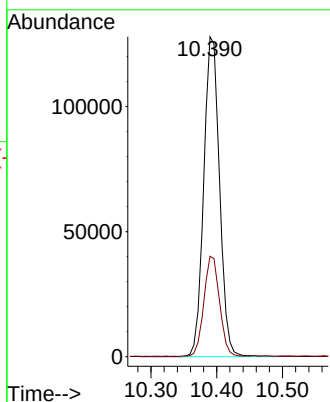
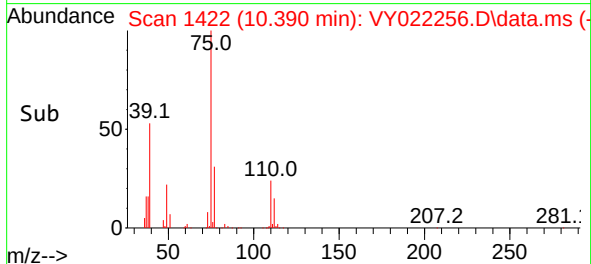
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 213990
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6

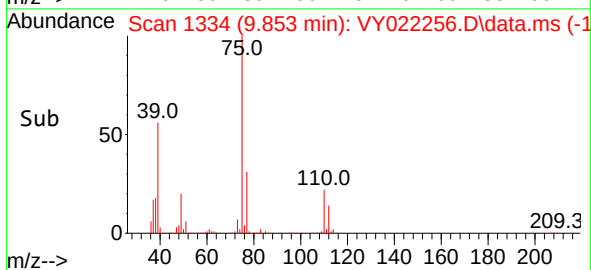
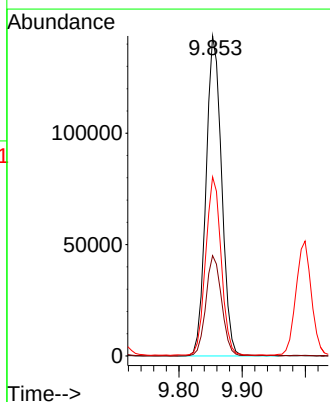
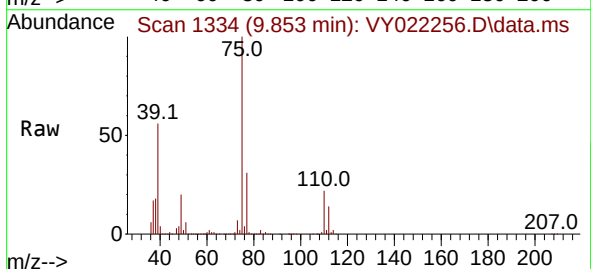
Manual Integrations
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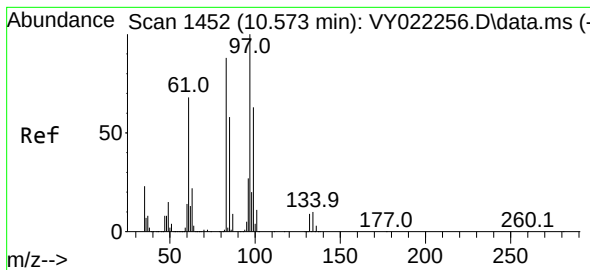
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 51.143 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

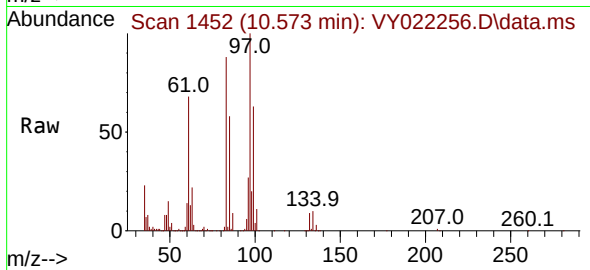
Tgt Ion: 75 Resp: 246990
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 55.6 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 50.036 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

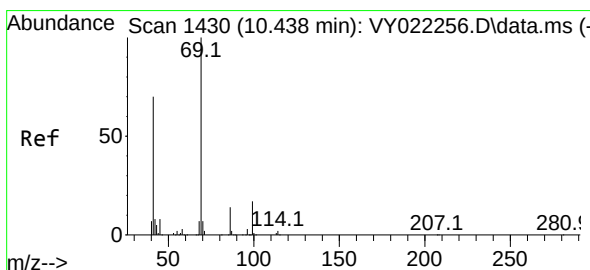
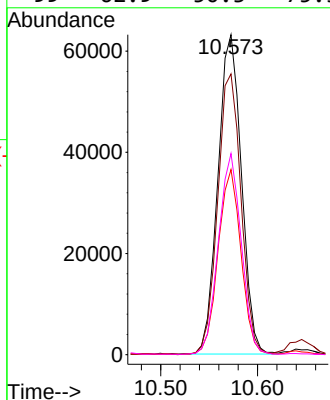
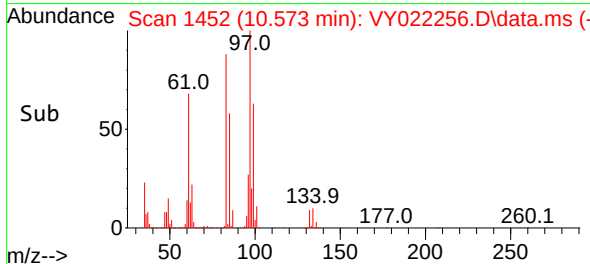


Tgt Ion: 97 Resp: 106670

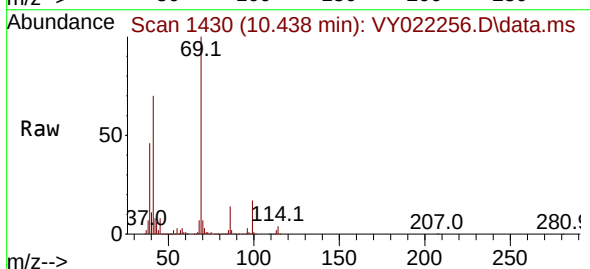
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.3	105.5
85	57.8	46.2	69.4
99	62.9	50.3	75.5

Manual Integrations
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Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

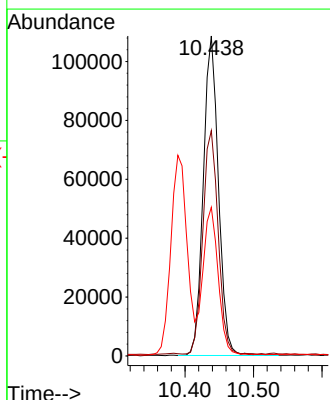
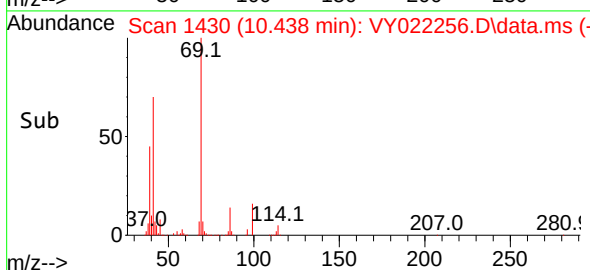


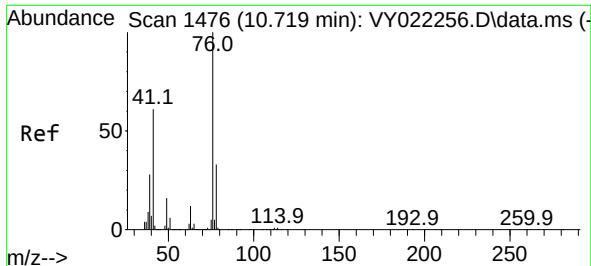
#56
Ethyl methacrylate
Concen: 50.364 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



Tgt Ion: 69 Resp: 167259

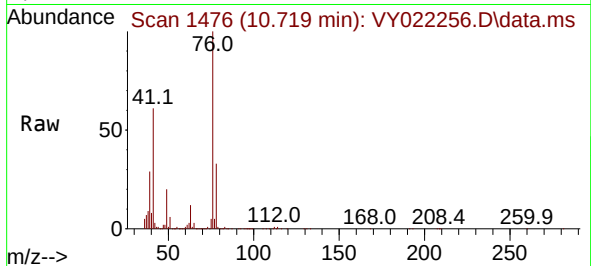
Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.5	84.7
39	46.4	37.1	55.7





#57
1,3-Dichloropropane
Concen: 50.759 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

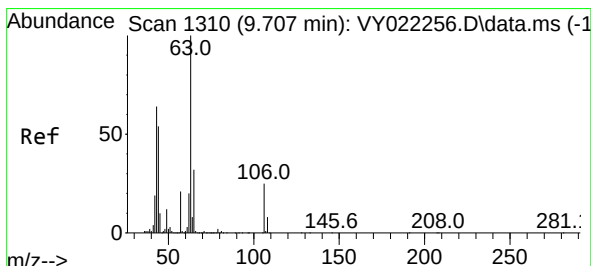
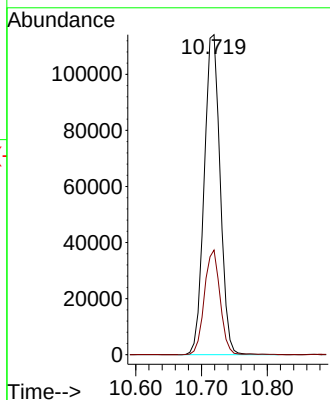
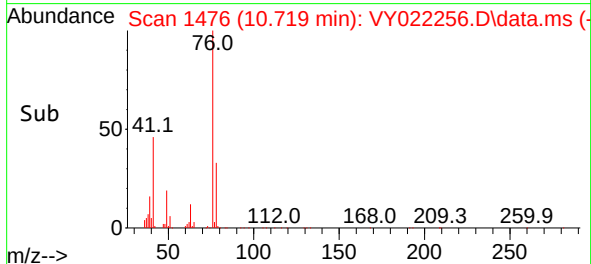
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



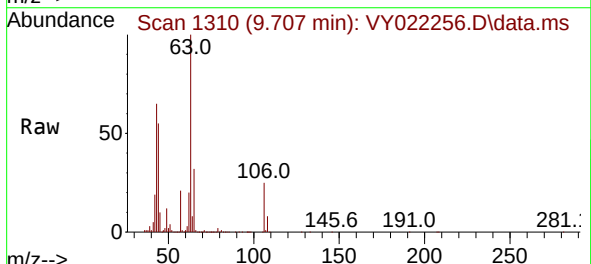
Tgt Ion: 76 Resp: 192279
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

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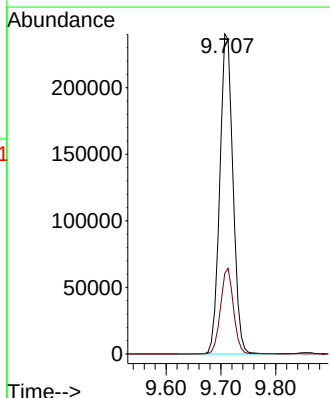
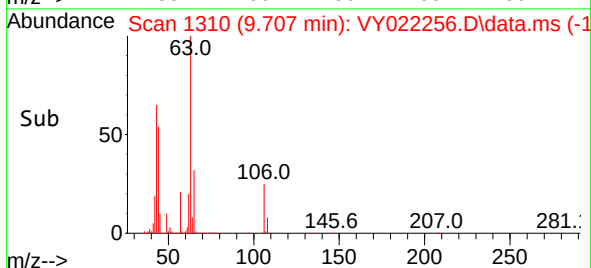
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

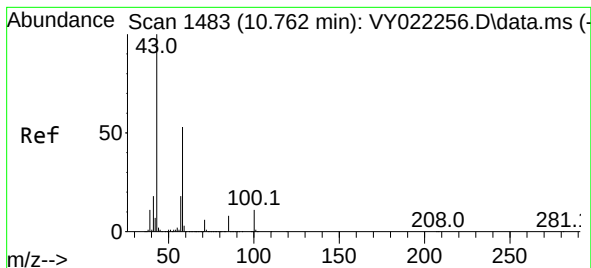


#58
2-Chloroethyl Vinyl ether
Concen: 270.408 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



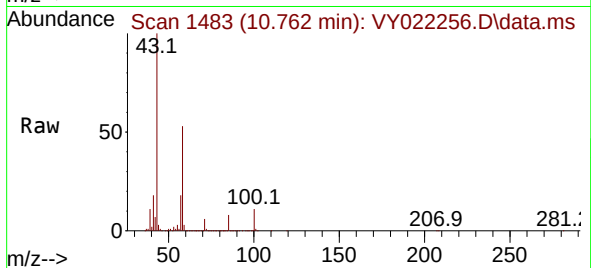
Tgt Ion: 63 Resp: 403074
Ion Ratio Lower Upper
63 100
106 26.2 21.0 31.4





#59
2-Hexanone
Concen: 244.881 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

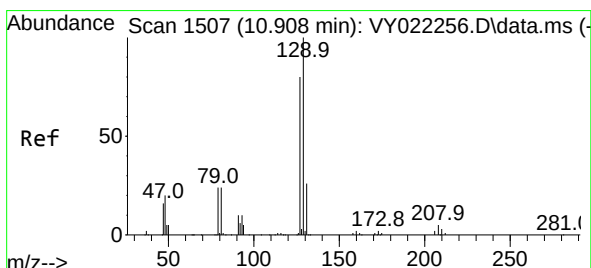
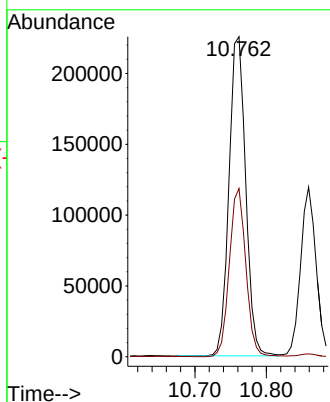
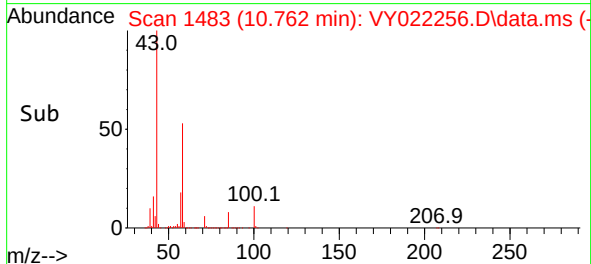
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 36511
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.3

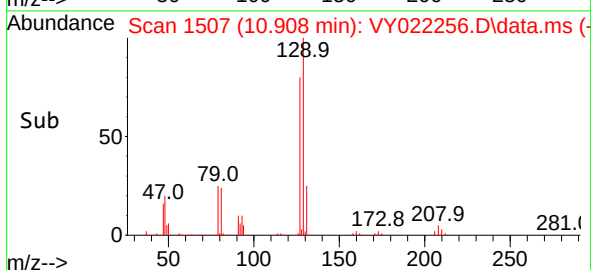
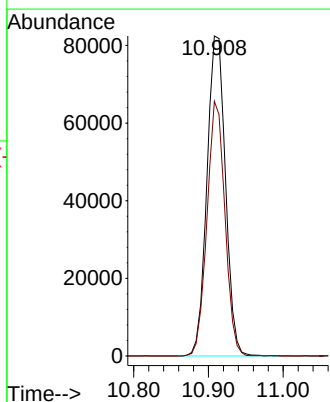
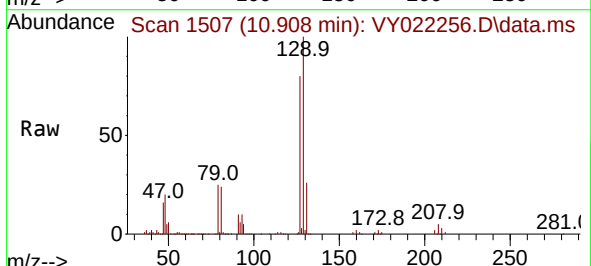
Manual Integrations
APPROVED

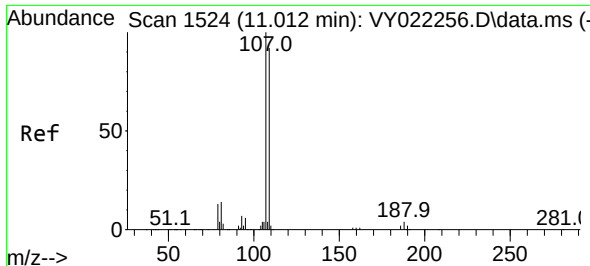
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 51.278 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

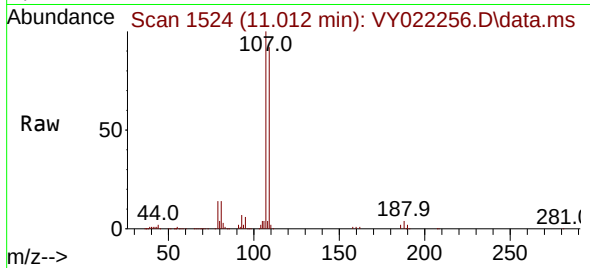
Tgt Ion:129 Resp: 141896
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 50.236 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

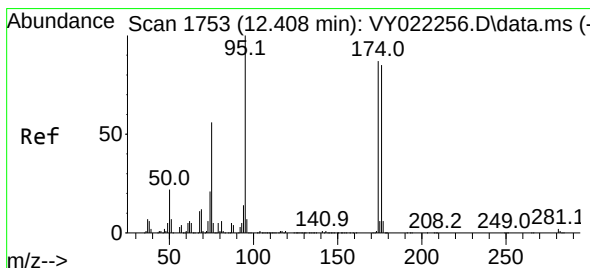
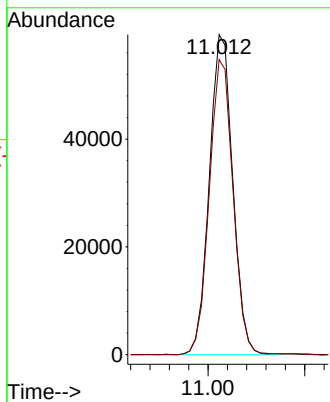
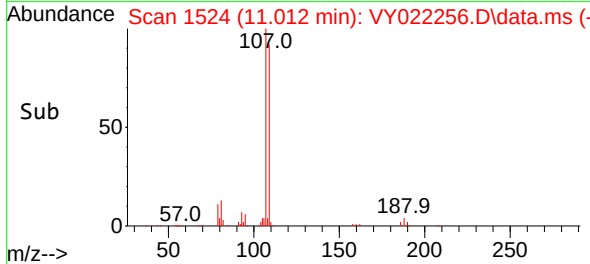
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



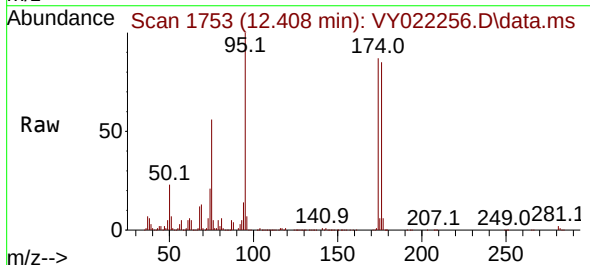
Tgt Ion:107 Resp: 9982
Ion Ratio Lower Upper
107 100
109 93.2 74.6 111.8

Manual Integrations
APPROVED

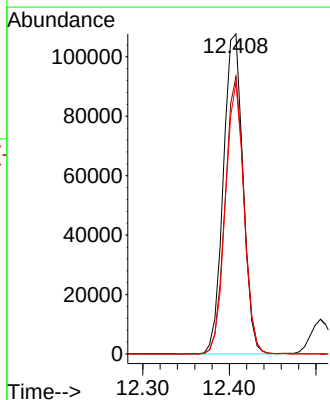
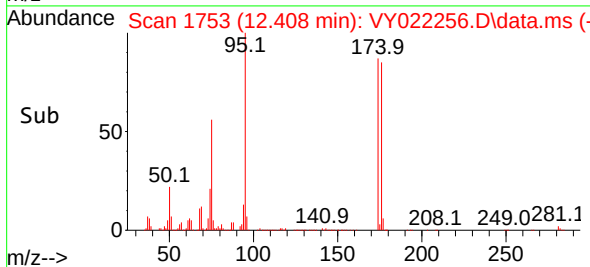
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

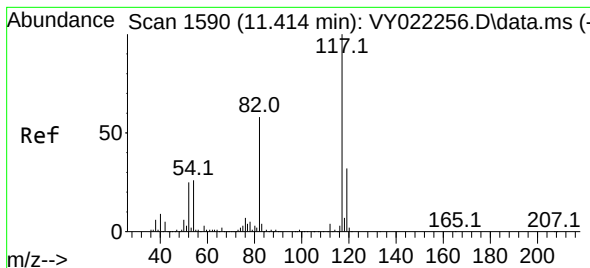


#62
4-Bromofluorobenzene
Concen: 49.891 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



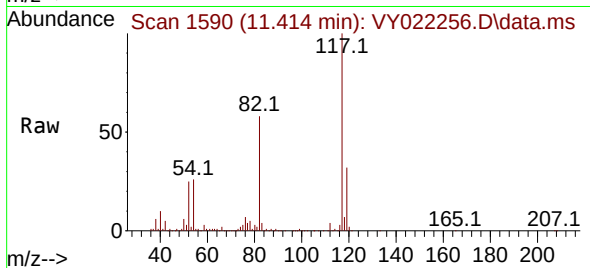
Tgt Ion: 95 Resp: 169827
Ion Ratio Lower Upper
95 100
174 83.4 0.0 166.8
176 80.4 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

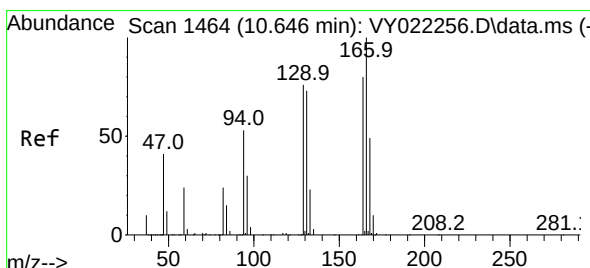
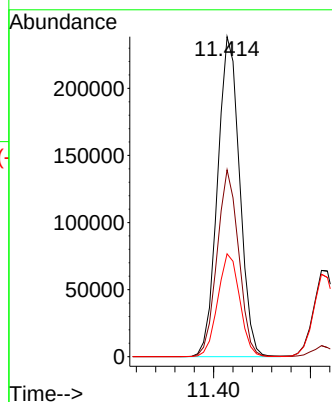
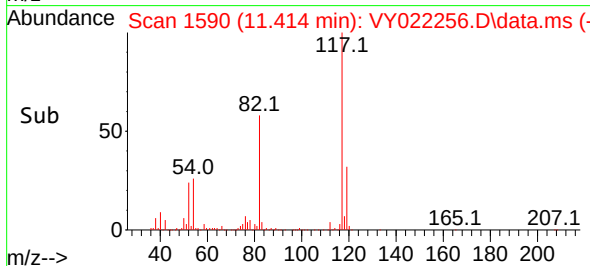
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 37757
Ion Ratio Lower Upper
117 100
82 58.3 46.6 70.0
119 32.2 25.8 38.6

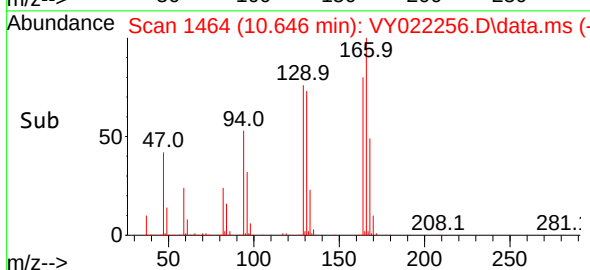
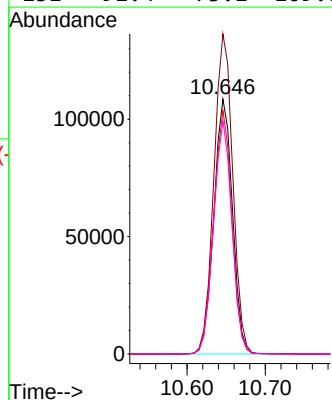
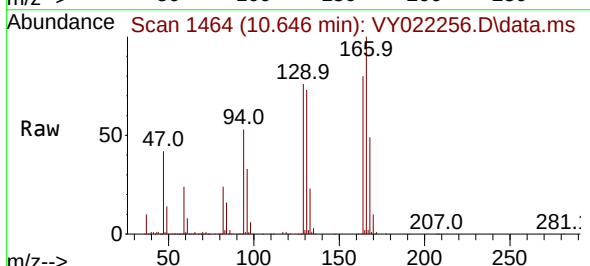
Manual Integrations
APPROVED

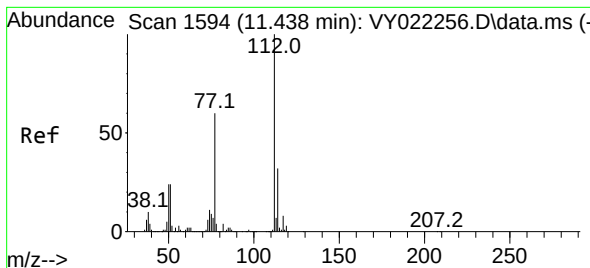
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#64
Tetrachloroethene
Concen: 51.249 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

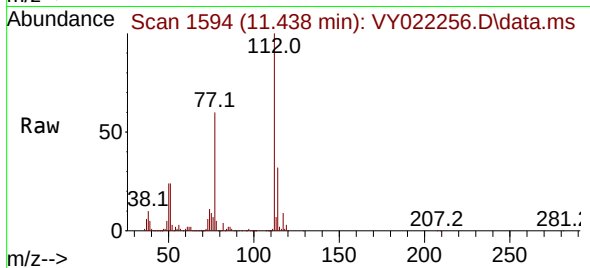
Tgt Ion:164 Resp: 178854
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 95.5 76.4 114.6
131 91.4 73.1 109.7





#65
Chlorobenzene
Concen: 51.169 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

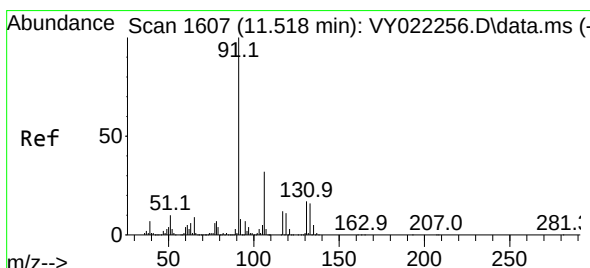
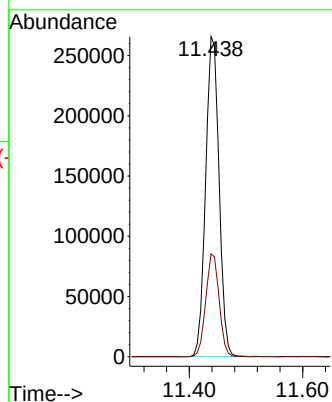
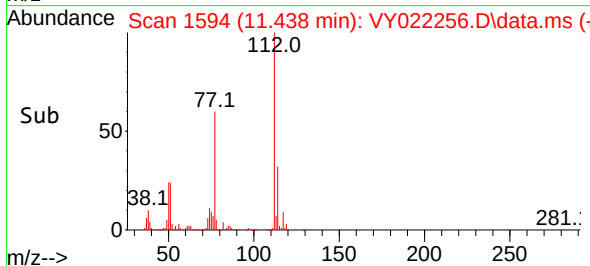
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



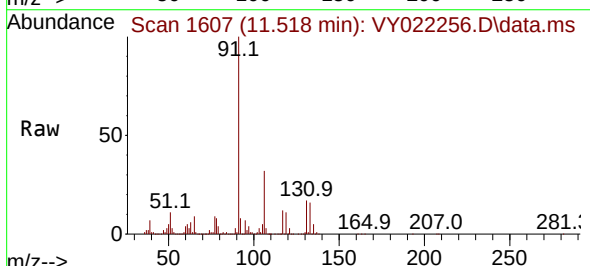
Tgt Ion:112 Resp: 435874
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

Manual Integrations
APPROVED

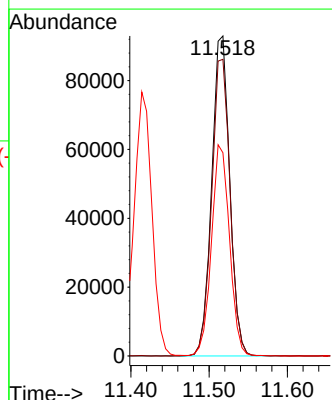
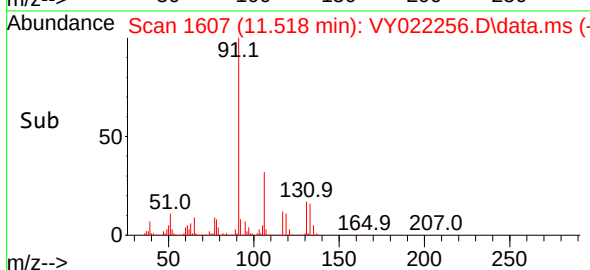
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

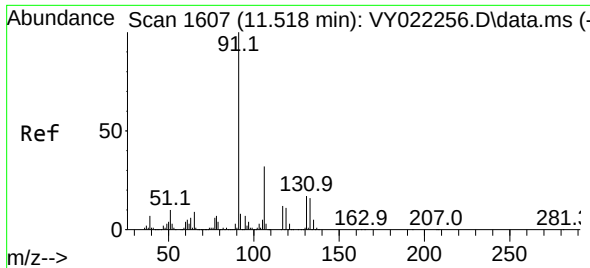


#66
1,1,1,2-Tetrachloroethane
Concen: 50.811 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



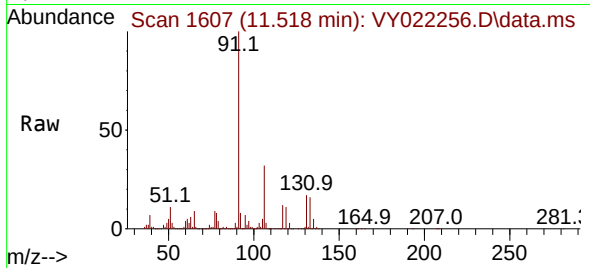
Tgt Ion:131 Resp: 148798
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 66.1 33.1 99.2





#67
Ethyl Benzene
Concen: 51.473 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

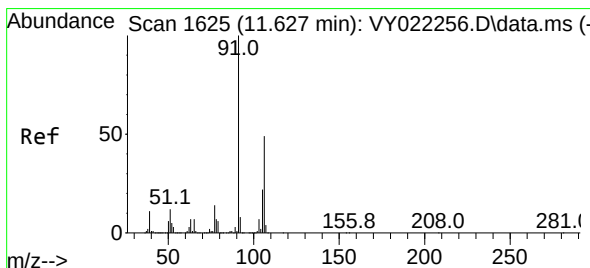
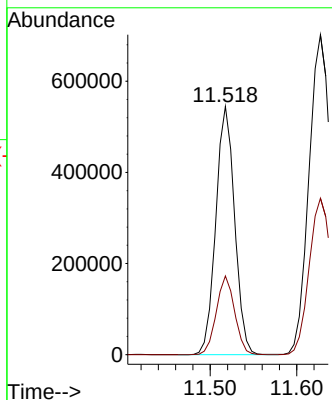
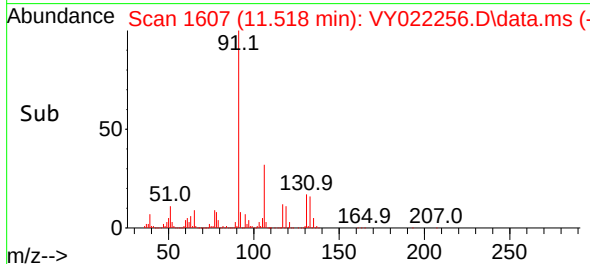
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



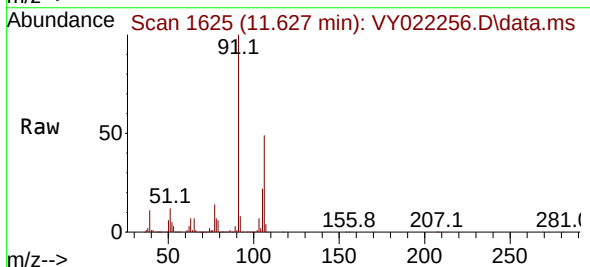
Tgt Ion: 91 Resp: 821168
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

Manual Integrations
APPROVED

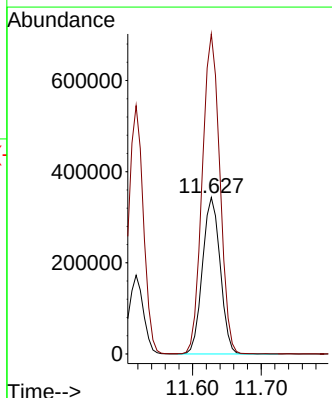
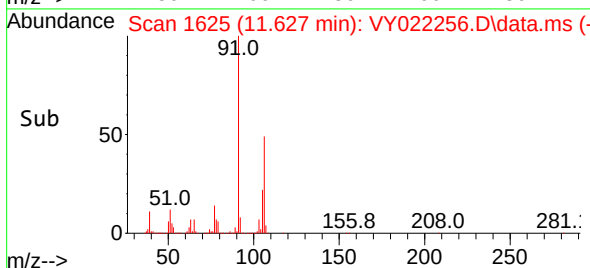
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

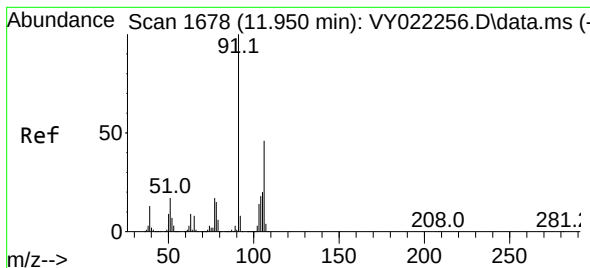


#68
m/p-Xylenes
Concen: 102.746 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



Tgt Ion:106 Resp: 617646
Ion Ratio Lower Upper
106 100
91 203.7 163.0 244.4





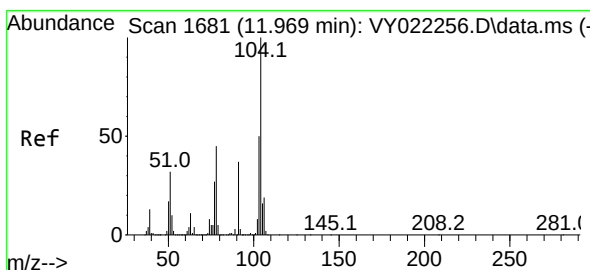
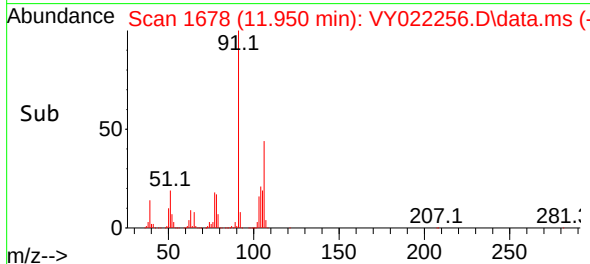
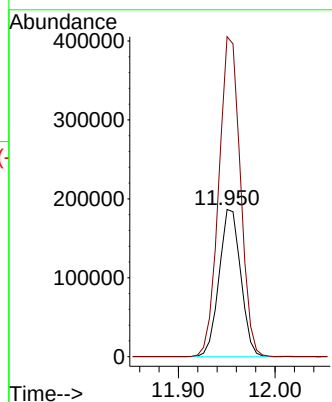
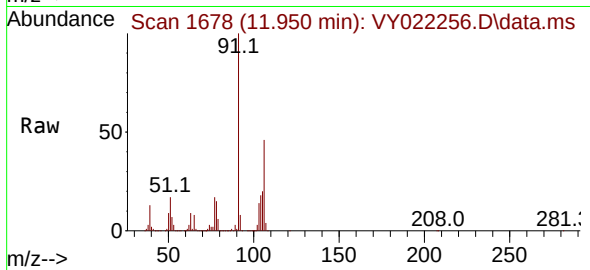
#69
o-Xylene
Concen: 50.971 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 289897
Ion Ratio Lower Upper
106 100
91 216.5 108.3 324.8

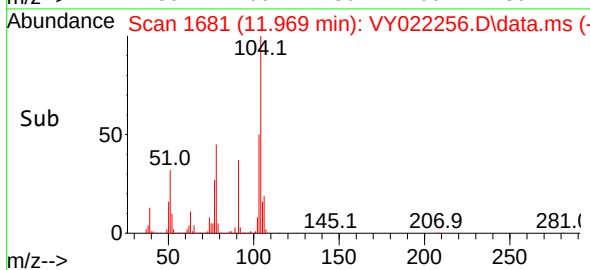
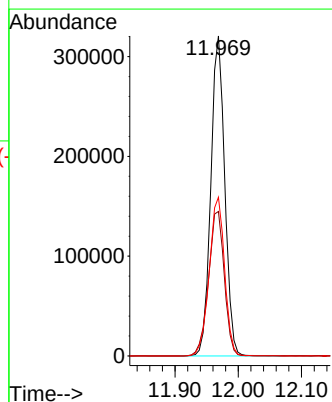
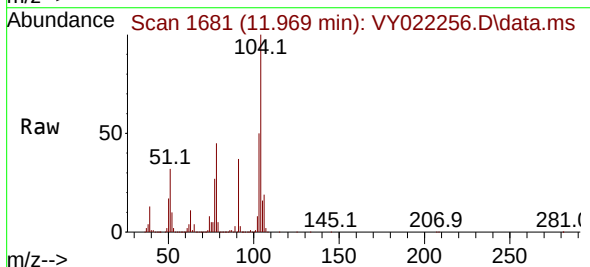
Manual Integrations
APPROVED

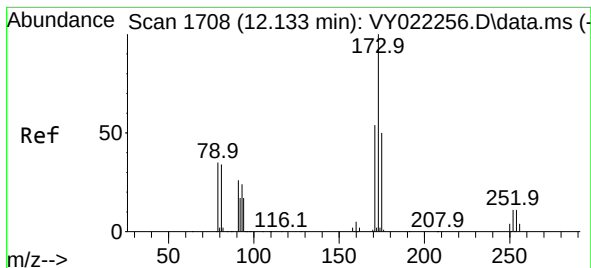
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 51.260 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion:104 Resp: 491792
Ion Ratio Lower Upper
104 100
78 51.1 40.9 61.3
103 54.6 43.7 65.5





#71

Bromoform

Concen: 49.849 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

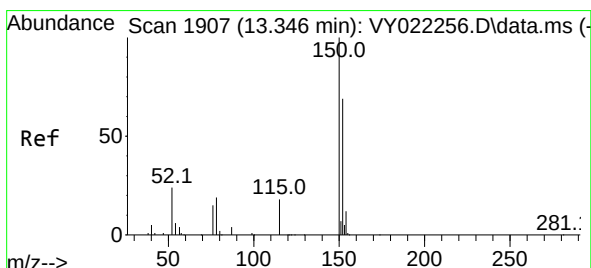
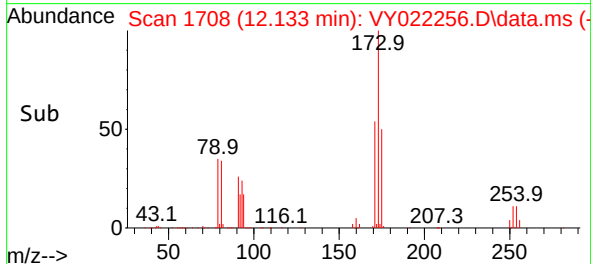
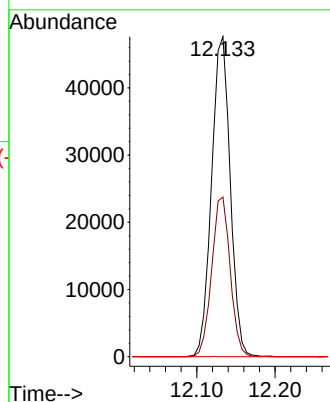
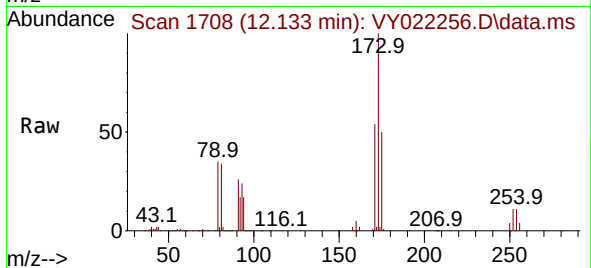
Tgt Ion:173 Resp: 78794

Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.7	74.1
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

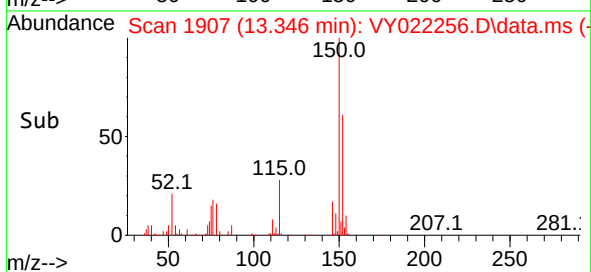
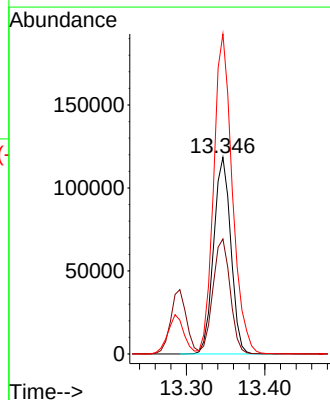
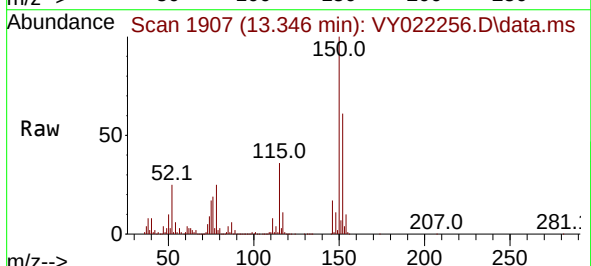
Delta R.T. 0.000 min

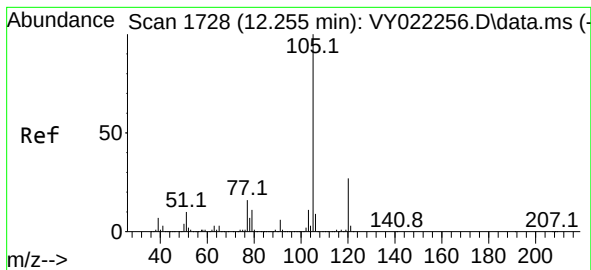
Lab File: VY022256.D

Acq: 15 May 2025 11:02

Tgt Ion:152 Resp: 180358

Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.4	88.2
150	176.9	0.0	353.8





#73

Isopropylbenzene

Concen: 50.657 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 75690

Ion Ratio Lower Upper

105 100

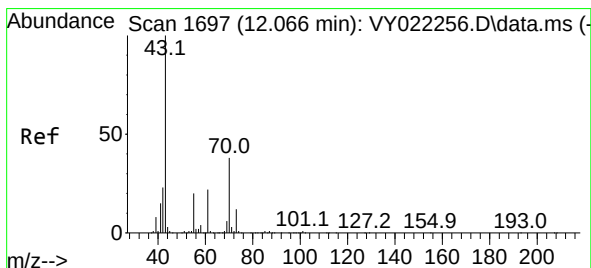
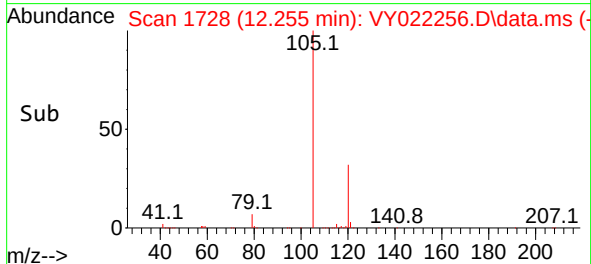
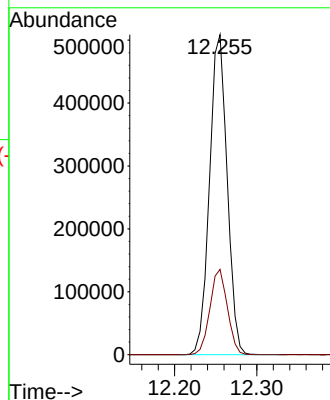
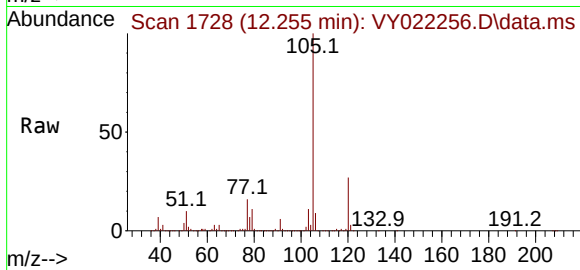
120 26.4 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#74

N-ethyl acetate

Concen: 48.930 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Tgt Ion: 43 Resp: 209097

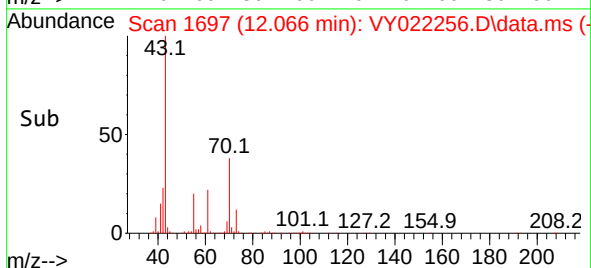
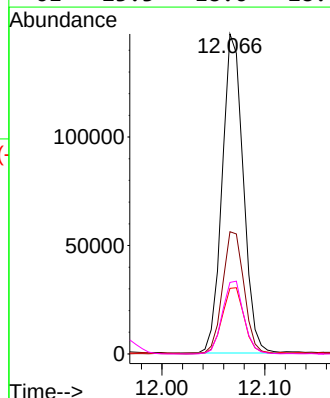
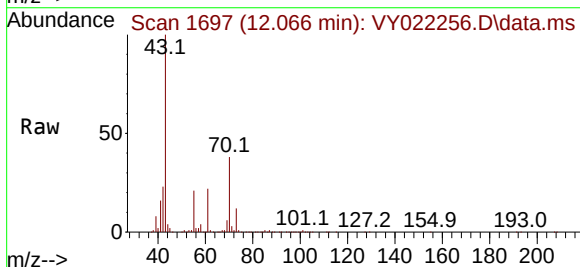
Ion Ratio Lower Upper

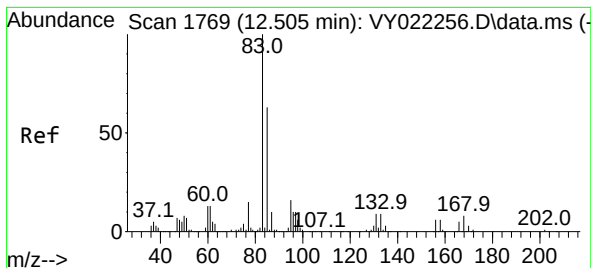
43 100

70 39.2 31.4 47.0

55 21.3 17.0 25.6

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.277 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 113234

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

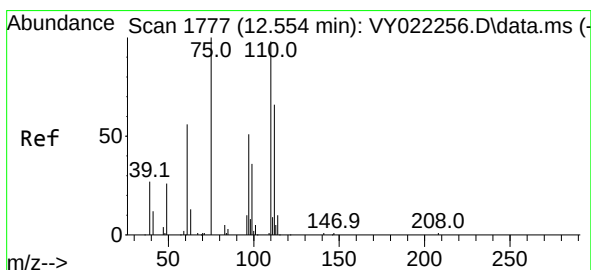
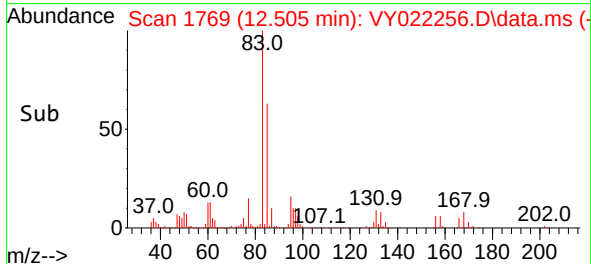
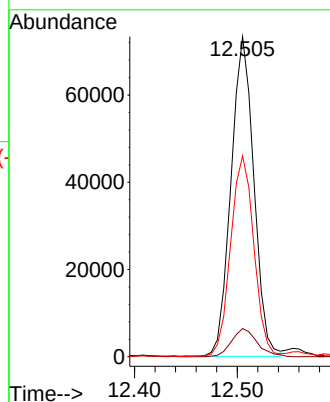
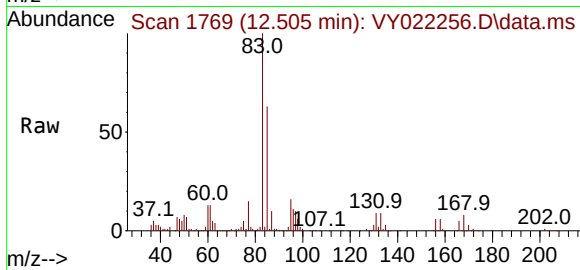
85 64.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#76

1,2,3-Trichloropropane

Concen: 28.402 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022256.D

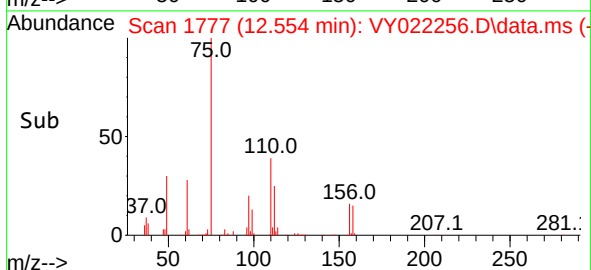
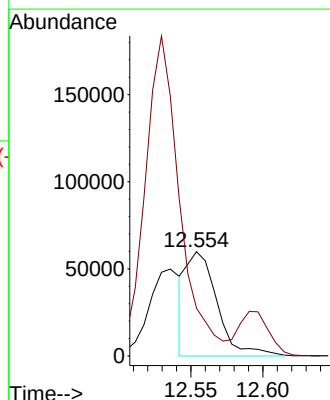
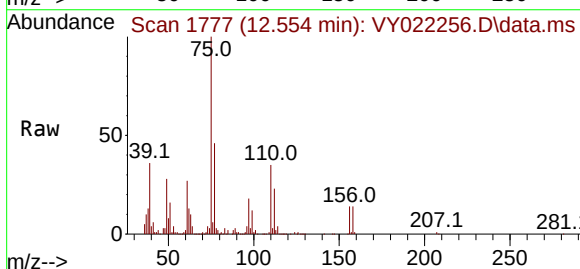
Acq: 15 May 2025 11:02

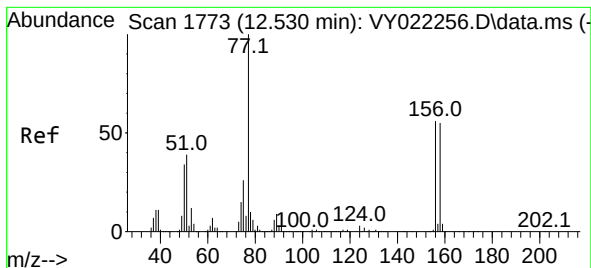
Tgt Ion: 75 Resp: 90281

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.599 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

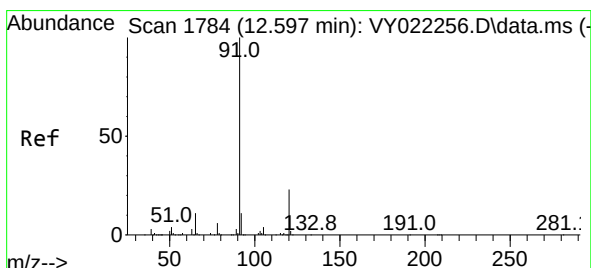
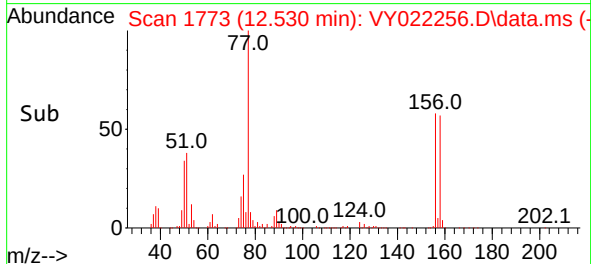
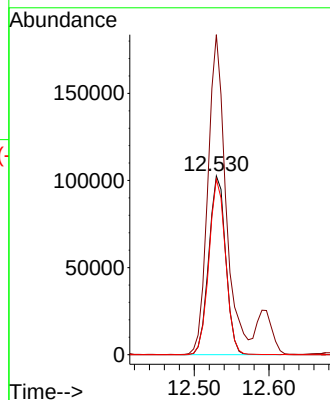
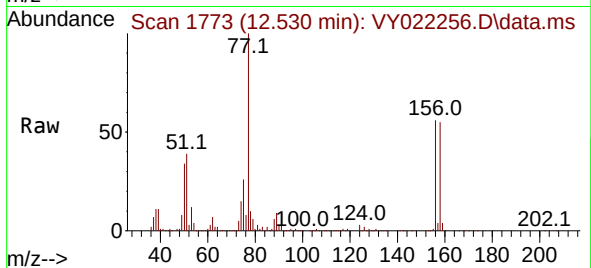
VSTDICCC050

Tgt Ion:	156	Resp:	16147
Ion Ratio	Lower	Upper	
156	100		
77	189.1	94.5	283.6
158	96.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78

n-propylbenzene

Concen: 51.306 ug/l

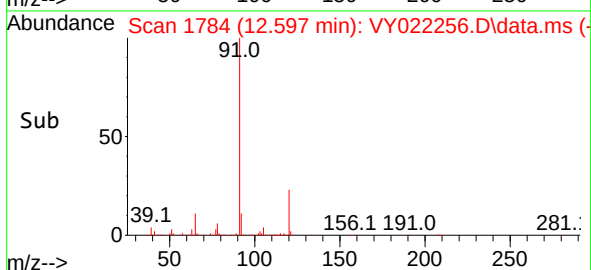
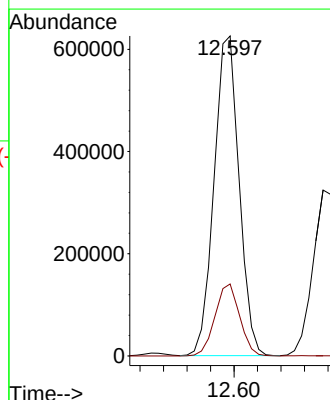
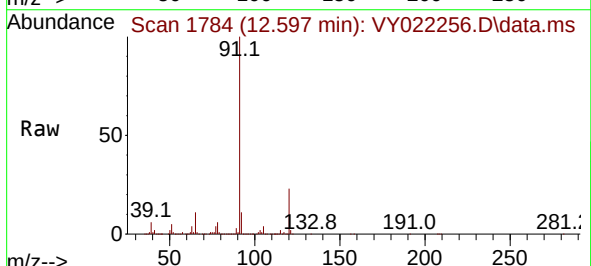
RT: 12.597 min Scan# 1784

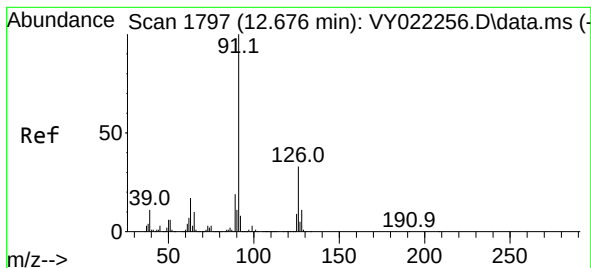
Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

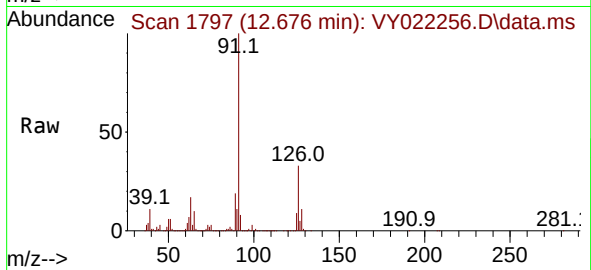
Tgt Ion:	91	Resp:	924664
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.1	33.3





#79
2-Chlorotoluene
Concen: 51.058 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

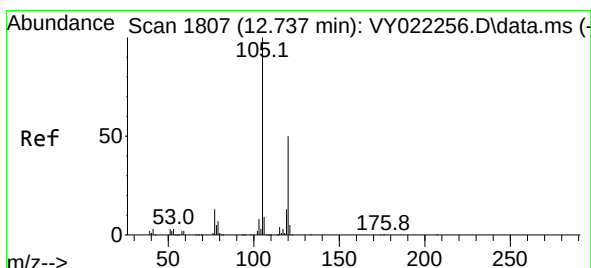
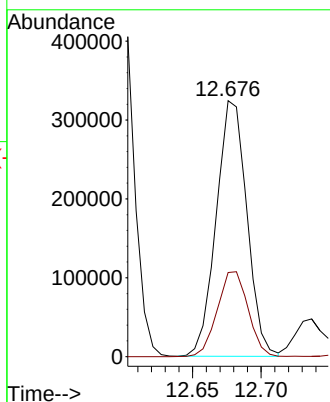
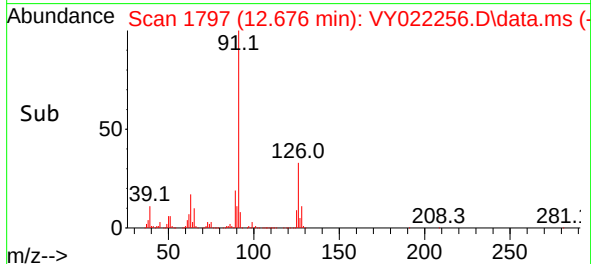
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



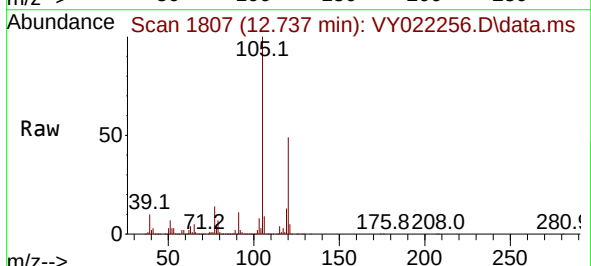
Tgt Ion: 91 Resp: 505684
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4

Manual Integrations
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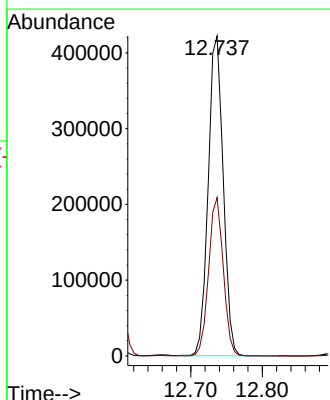
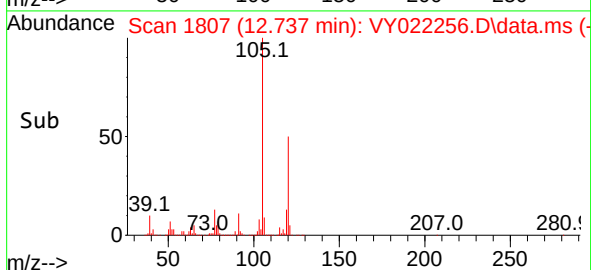
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

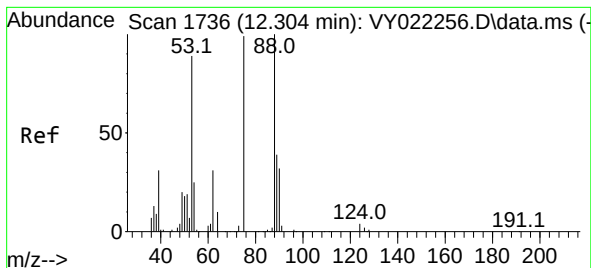


#80
1,3,5-Trimethylbenzene
Concen: 50.991 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02



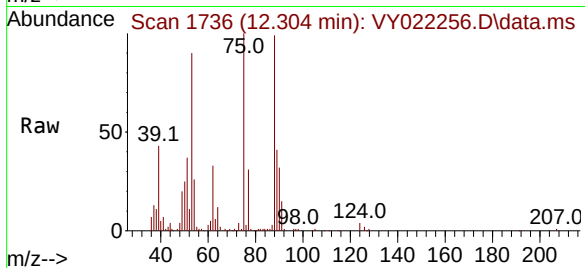
Tgt Ion:105 Resp: 615033
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.331 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

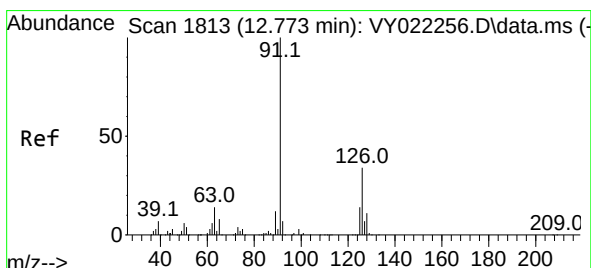
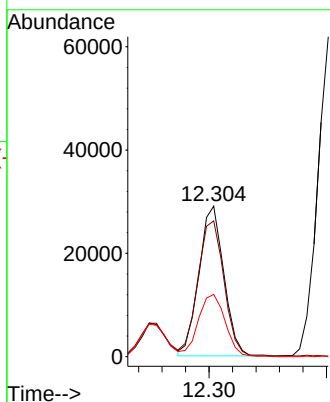
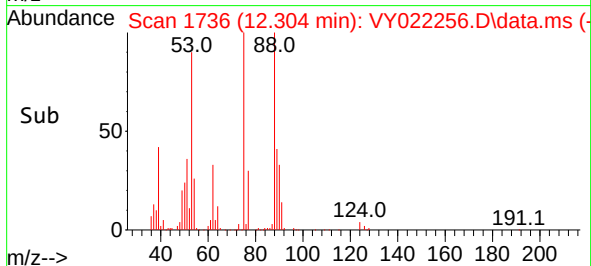
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 42692
Ion Ratio Lower Upper
75 100
53 94.8 75.8 113.8
89 45.2 36.2 54.2

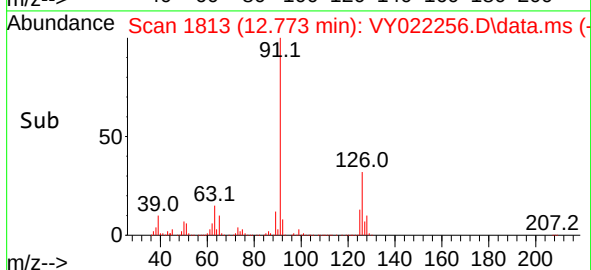
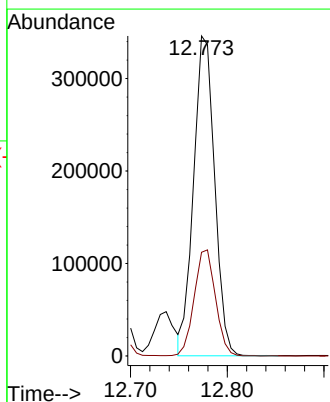
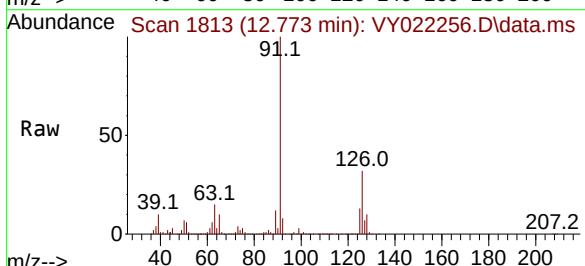
Manual Integrations
APPROVED

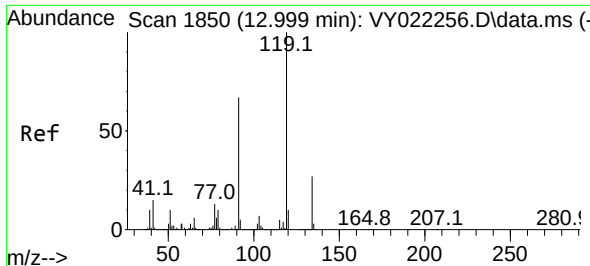
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 51.464 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

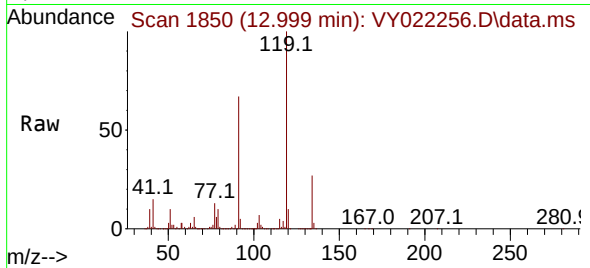
Tgt Ion: 91 Resp: 524270
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4





#83
 tert-Butylbenzene
 Concen: 50.952 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

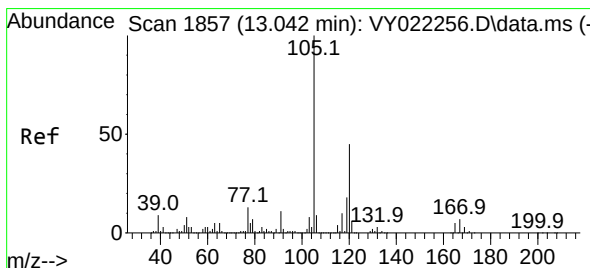
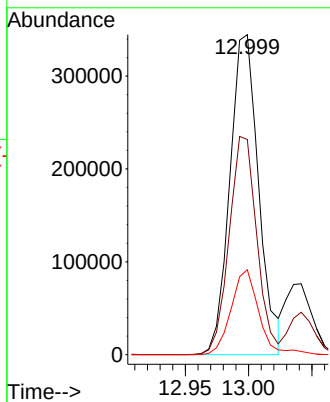
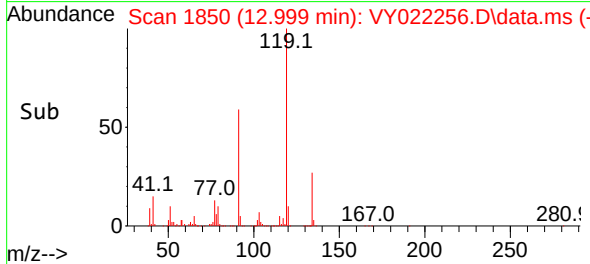
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



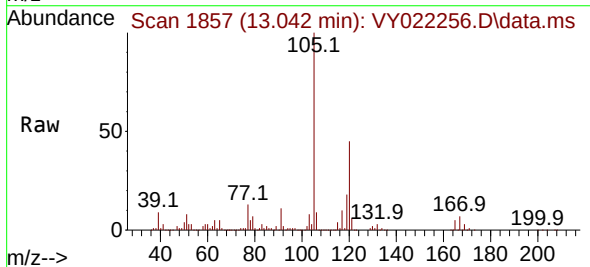
Tgt Ion:119 Resp: 54623
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.8 98.3
 134 25.7 12.9 38.6

Manual Integrations
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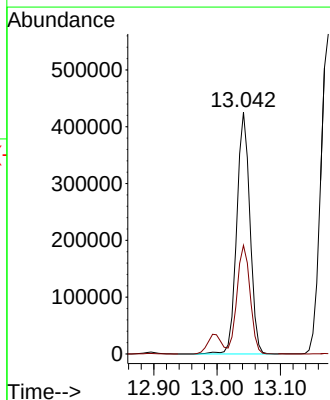
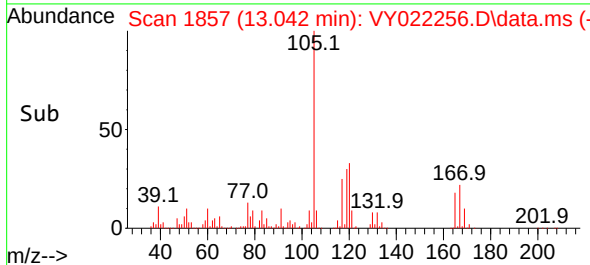
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

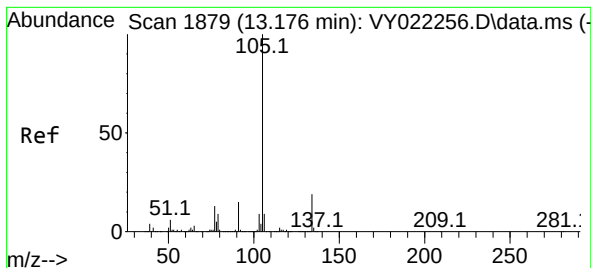


#84
 1,2,4-Trimethylbenzene
 Concen: 51.410 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02



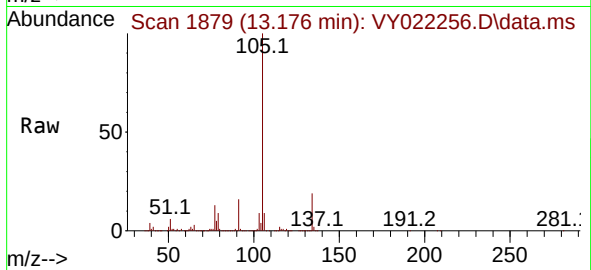
Tgt Ion:105 Resp: 615550
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 51.825 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

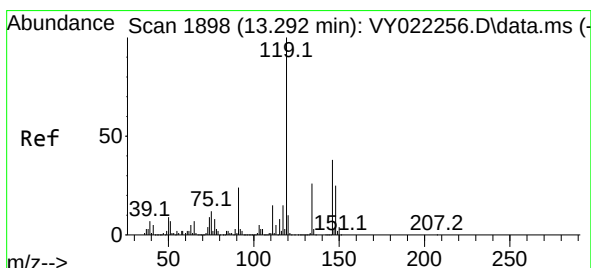
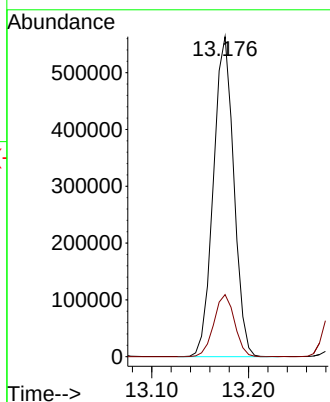
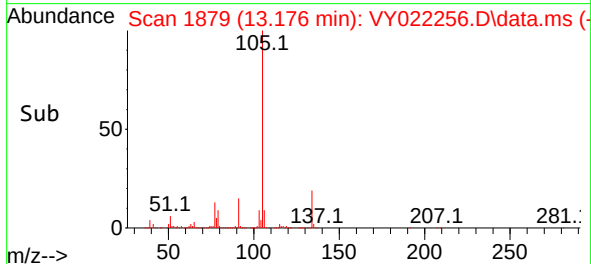
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



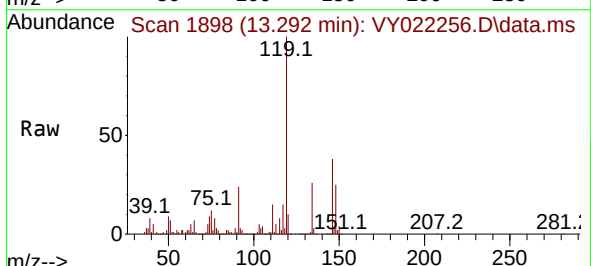
Tgt Ion:105 Resp: 824725
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

Manual Integrations
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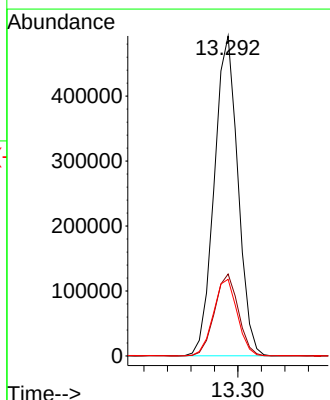
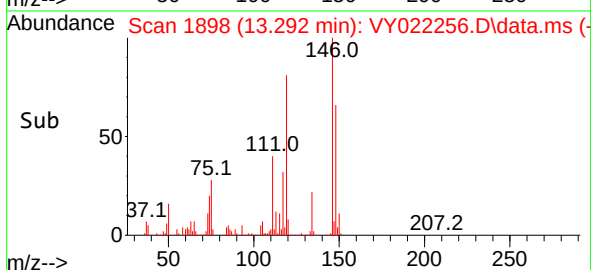
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

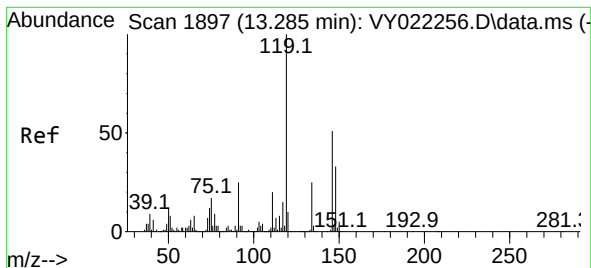


#86
 p-Isopropyltoluene
 Concen: 51.446 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02



Tgt Ion:119 Resp: 688561
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.890 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 331530

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

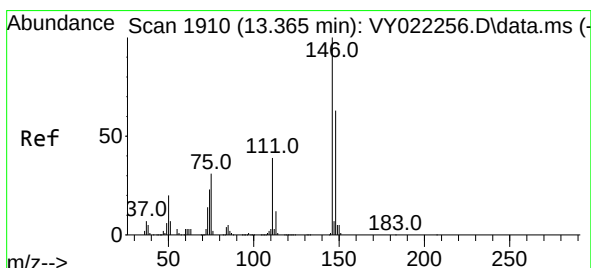
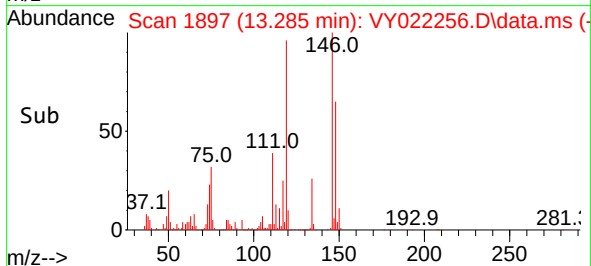
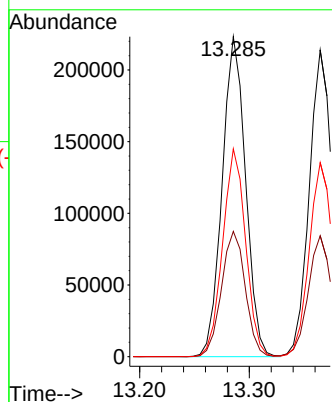
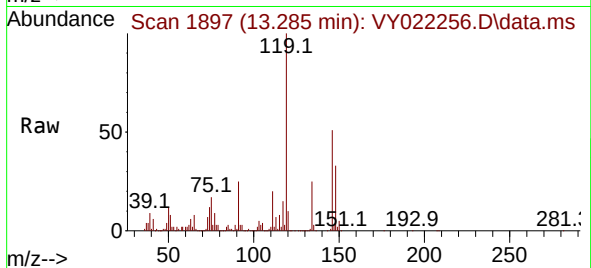
148 63.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 50.363 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

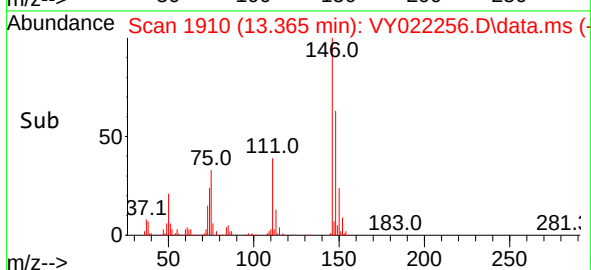
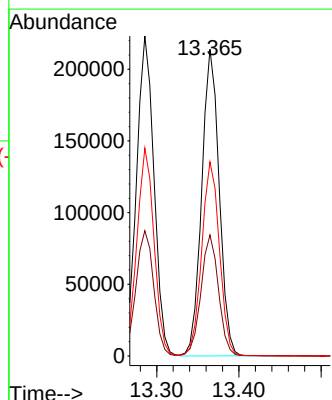
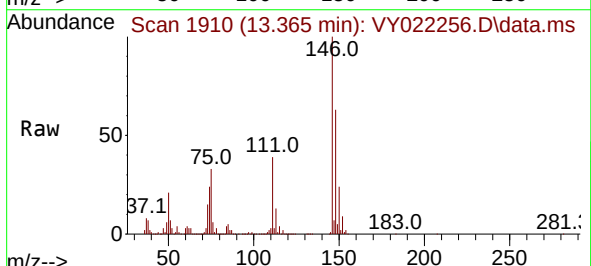
Tgt Ion:146 Resp: 315598

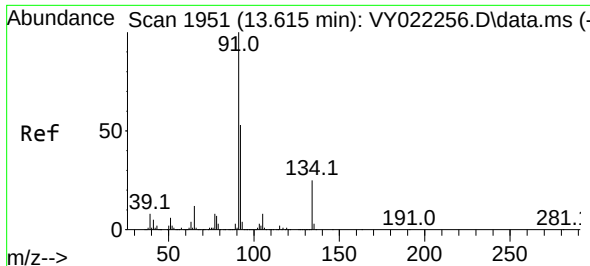
Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

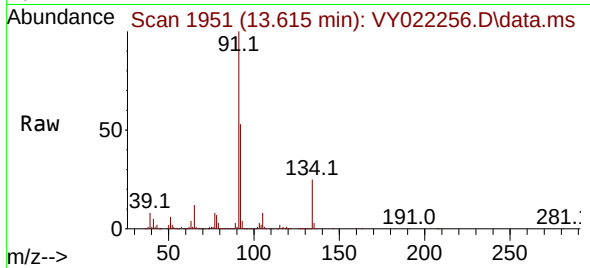
148 64.3 32.1 96.5





#89
n-Butylbenzene
Concen: 52.245 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

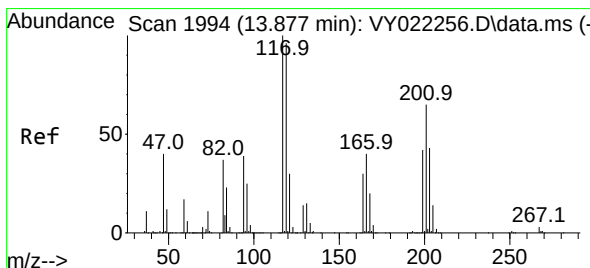
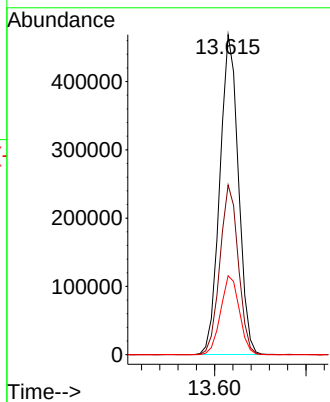
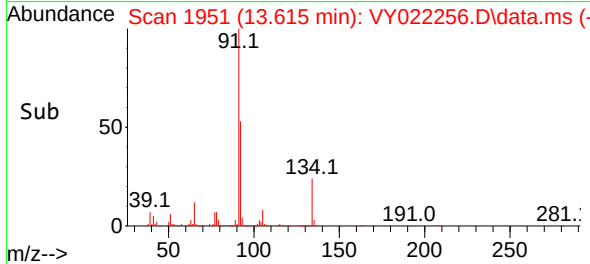
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 66153
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 24.9 12.4 37.4

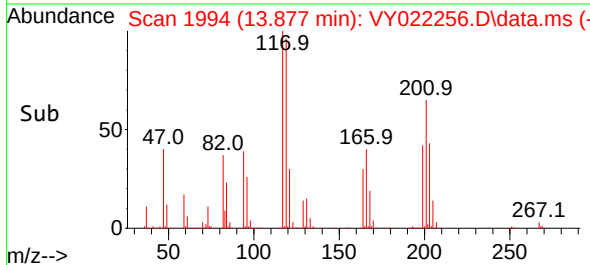
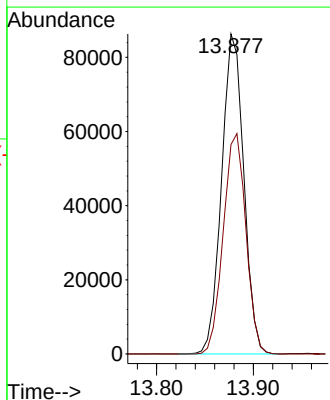
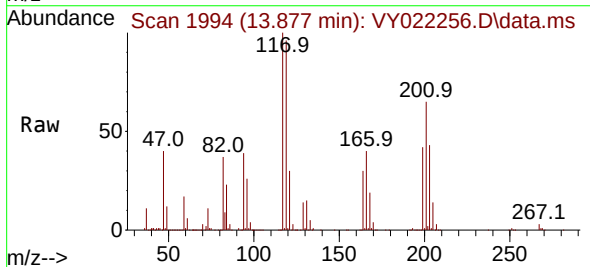
Manual Integrations
APPROVED

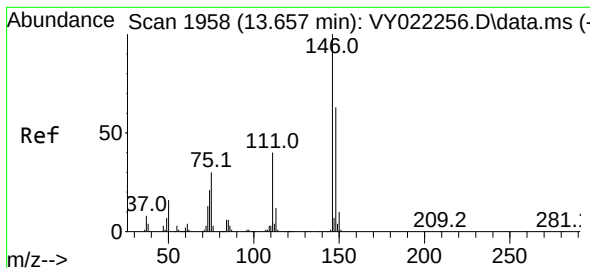
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90
Hexachloroethane
Concen: 50.791 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

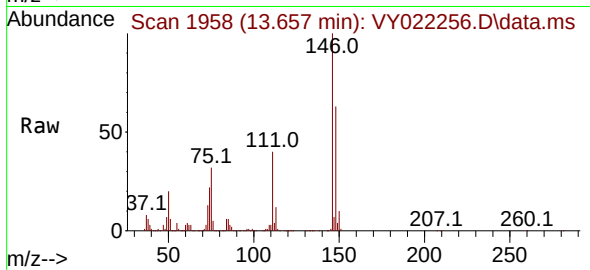
Tgt Ion:117 Resp: 137225
Ion Ratio Lower Upper
117 100
201 70.4 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 50.558 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

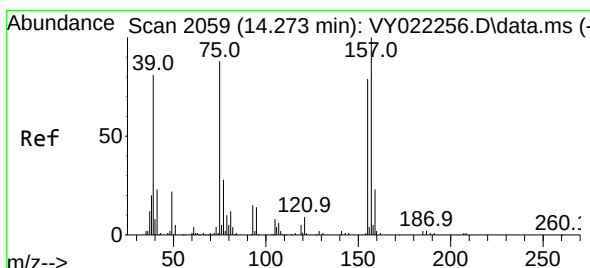
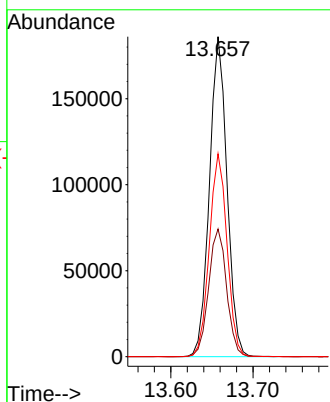
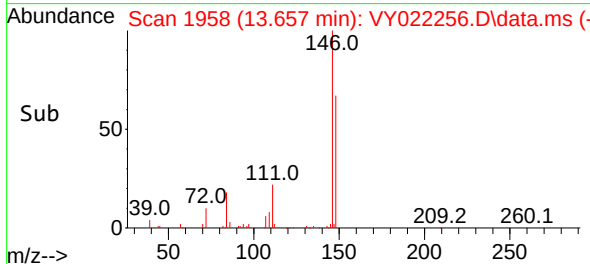
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 276660
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.5
148 64.0 32.0 96.0

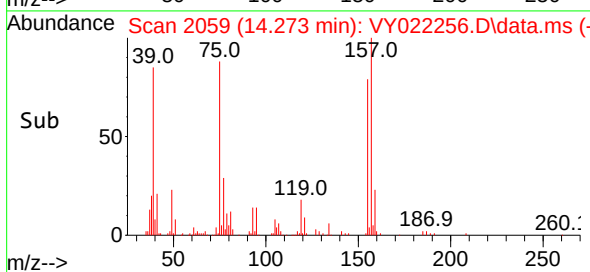
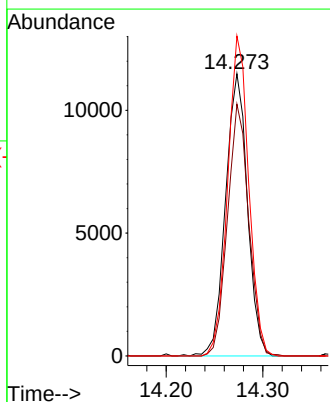
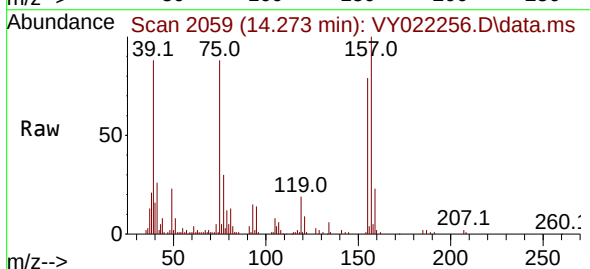
Manual Integrations
APPROVED

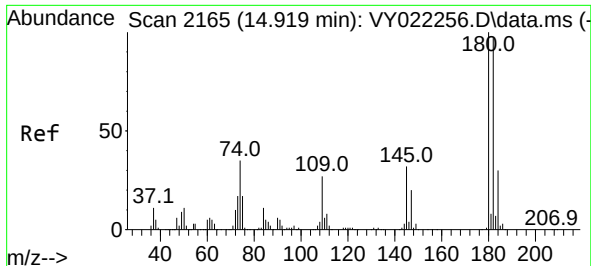
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.682 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

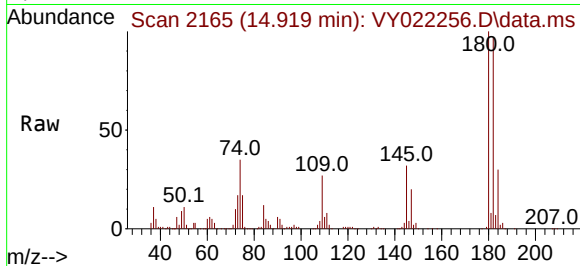
Tgt Ion: 75 Resp: 18039
Ion Ratio Lower Upper
75 100
155 86.7 43.4 130.1
157 109.3 54.6 163.9





#93
1,2,4-Trichlorobenzene
Concen: 51.338 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

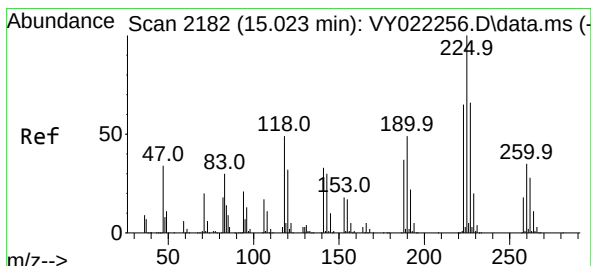
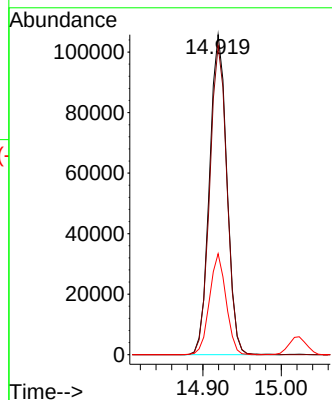
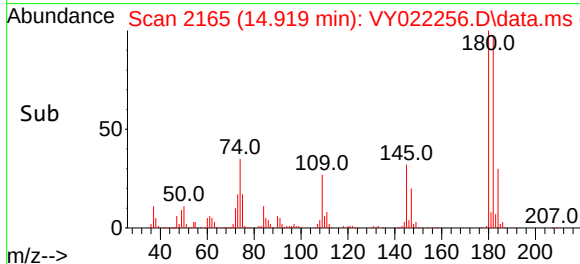
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 162275
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 30.1 15.0 45.1

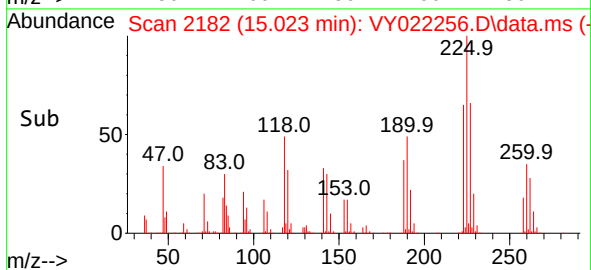
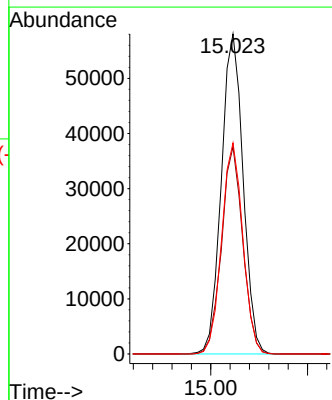
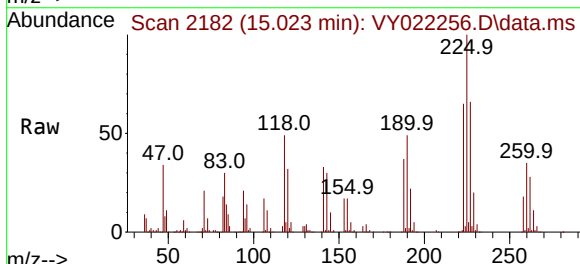
Manual Integrations
APPROVED

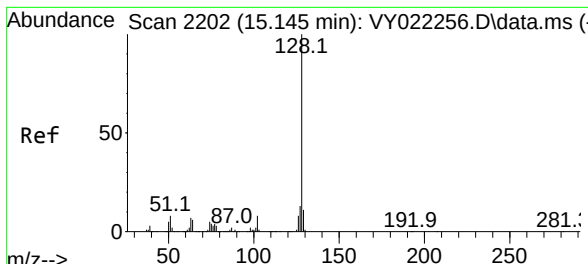
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#94
Hexachlorobutadiene
Concen: 51.313 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion:225 Resp: 90452
Ion Ratio Lower Upper
225 100
223 63.0 31.5 94.5
227 64.2 32.1 96.3





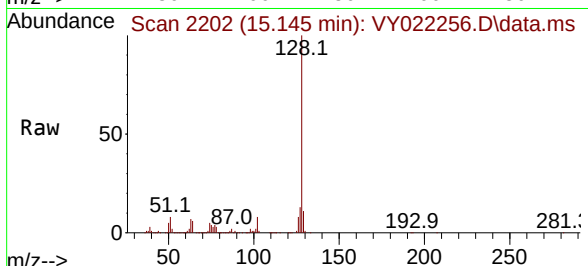
#95
Naphthalene
Concen: 49.692 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

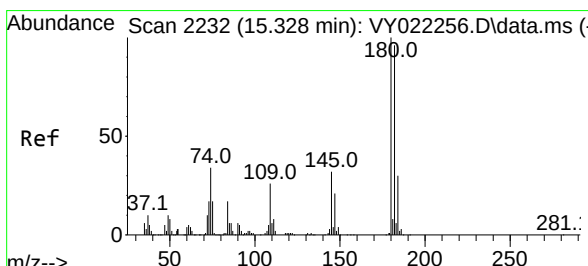
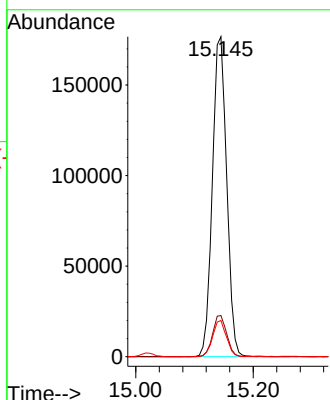
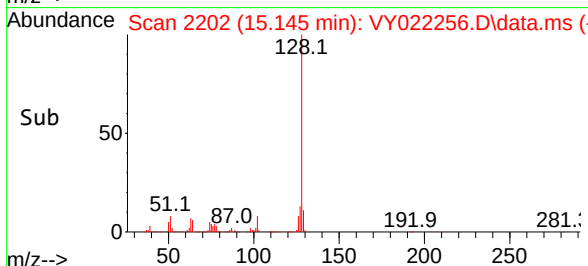


Tgt Ion:128 Resp: 298075
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2

Manual Integrations

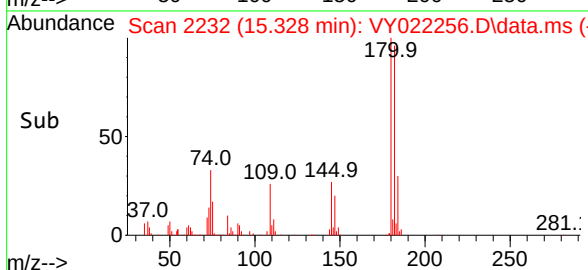
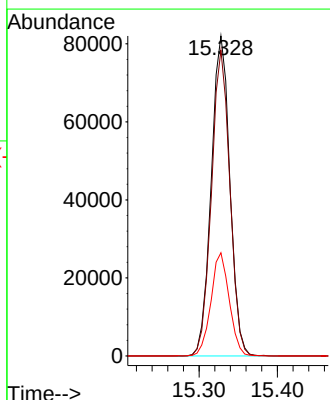
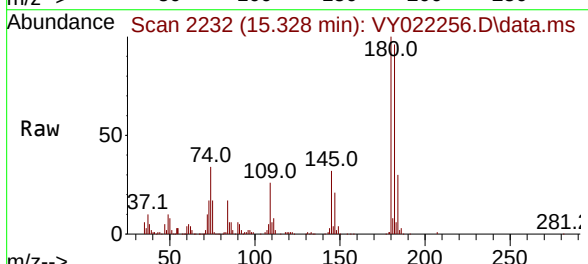
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.596 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion:180 Resp: 135673
Ion Ratio Lower Upper
180 100
182 94.2 47.1 141.3
145 31.7 15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022257.D
 Acq On : 15 May 2025 11:24
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:24:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	268393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	443341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	385348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	189780	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	292533	99.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 199.460%#	
35) Dibromofluoromethane	7.634	113	262995	99.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 198.780%#	
50) Toluene-d8	10.103	98	1076035	99.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 198.580%#	
62) 4-Bromofluorobenzene	12.408	95	343397	99.968	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 199.940%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	252438	90.138	ug/l	99
3) Chloromethane	2.062	50	561441	95.302	ug/l	100
4) Vinyl Chloride	2.202	62	639001	97.085	ug/l	96
5) Bromomethane	2.586	94	512452	95.642	ug/l	98
6) Chloroethane	2.732	64	393556	96.113	ug/l	99
7) Trichlorofluoromethane	3.049	101	650265	97.581	ug/l	100
8) Diethyl Ether	3.452	74	158375	99.031	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	272288	94.120	ug/l	99
10) Methyl Iodide	4.000	142	349345	104.334	ug/l	100
11) Tert butyl alcohol	4.872	59	112593	502.655	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	277897	96.798	ug/l	97
13) Acrolein	3.653	56	156649	478.373	ug/l	99
14) Allyl chloride	4.378	41	500514	99.429	ug/l	100
15) Acrylonitrile	5.055	53	340325	516.458	ug/l	99
16) Acetone	3.872	43	252327	458.767	ug/l	99
17) Carbon Disulfide	4.104	76	901081	96.251	ug/l	99
18) Methyl Acetate	4.385	43	185837	111.043	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	807404	101.997	ug/l	98
20) Methylene Chloride	4.610	84	305912	86.076	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	311460	98.288	ug/l	97
22) Diisopropyl ether	6.018	45	1075035	101.128	ug/l	99
23) Vinyl Acetate	5.957	43	3259000	507.456	ug/l	100
24) 1,1-Dichloroethane	5.915	63	586479	98.750	ug/l	99
25) 2-Butanone	6.890	43	467301	507.932	ug/l	97
26) 2,2-Dichloropropane	6.884	77	515990	97.682	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	368826	100.861	ug/l	100
28) Bromochloromethane	7.244	49	251676	99.349	ug/l	100
29) Tetrahydrofuran	7.262	42	312286	527.609	ug/l	100
30) Chloroform	7.421	83	565823	99.326	ug/l	98
31) Cyclohexane	7.701	56	535839	90.301	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	506927	96.995	ug/l	100
36) 1,1-Dichloropropene	7.835	75	429153	98.465	ug/l	99
37) Ethyl Acetate	6.982	43	213152	101.642	ug/l	99
38) Carbon Tetrachloride	7.817	117	451589	100.097	ug/l	98
39) Methylcyclohexane	9.109	83	566259	96.704	ug/l	98
40) Benzene	8.079	78	1313733	101.677	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022257.D
 Acq On : 15 May 2025 11:24
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:24:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	131157m	85.474	ug/l	
42) 1,2-Dichloroethane	8.158	62	356974	102.165	ug/l	100
43) Isopropyl Acetate	8.195	43	473430	103.517	ug/l	99
44) Trichloroethene	8.865	130	315543	98.218	ug/l	97
45) 1,2-Dichloropropane	9.140	63	314179	100.858	ug/l	98
46) Dibromomethane	9.231	93	170712	101.606	ug/l	99
47) Bromodichloromethane	9.420	83	446829	102.514	ug/l	99
48) Methyl methacrylate	9.219	41	229512	107.308	ug/l	100
49) 1,4-Dioxane	9.231	88	37780	1990.455	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	1218685	543.068	ug/l	100
52) Toluene	10.170	92	839400	102.593	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	441672	103.832	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	498023	102.190	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	219460	102.005	ug/l	99
56) Ethyl methacrylate	10.438	69	353013	105.335	ug/l	98
57) 1,3-Dichloropropane	10.719	76	391514	102.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	872907	580.295	ug/l	99
59) 2-Hexanone	10.761	43	809288	537.872	ug/l	100
60) Dibromochloromethane	10.908	129	292143	104.616	ug/l	99
61) 1,2-Dibromoethane	11.011	107	207266	103.362	ug/l	99
64) Tetrachloroethene	10.646	164	343677	96.489	ug/l	99
65) Chlorobenzene	11.438	112	881086	101.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	307866	103.007	ug/l	99
67) Ethyl Benzene	11.517	91	1674355	102.836	ug/l	99
68) m/p-Xylenes	11.627	106	1271299	207.213	ug/l	100
69) o-Xylene	11.956	106	602390	103.777	ug/l	99
70) Styrene	11.969	104	1028498	105.038	ug/l	100
71) Bromoform	12.133	173	168679	104.561	ug/l #	99
73) Isopropylbenzene	12.255	105	1528857	97.241	ug/l	99
74) N-amyl acetate	12.066	43	468707	104.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	244830	101.255	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	197600m	59.078	ug/l	
77) Bromobenzene	12.529	156	337329	100.456	ug/l	99
78) n-propylbenzene	12.597	91	1846449	97.365	ug/l	100
79) 2-Chlorotoluene	12.676	91	1026401	98.488	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1233838	97.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	93252	98.251	ug/l	98
82) 4-Chlorotoluene	12.779	91	1061772	99.052	ug/l	99
83) tert-Butylbenzene	12.999	119	1092617	96.859	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1263612	100.297	ug/l	100
85) sec-Butylbenzene	13.176	105	1634720	97.623	ug/l	100
86) p-Isopropyltoluene	13.291	119	1424684	101.161	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	697868	101.803	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	654104	99.199	ug/l	99
89) n-Butylbenzene	13.615	91	1310061	98.327	ug/l	99
90) Hexachloroethane	13.877	117	275652	96.961	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	576915	100.192	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	41275	105.859	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	342939	103.107	ug/l	100
94) Hexachlorobutadiene	15.023	225	180060	97.075	ug/l	100
95) Naphthalene	15.145	128	674950	106.935	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	294823	104.488	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022257.D
Acq On : 15 May 2025 11:24
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

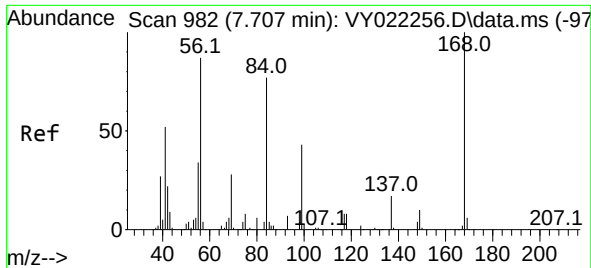
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:24:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

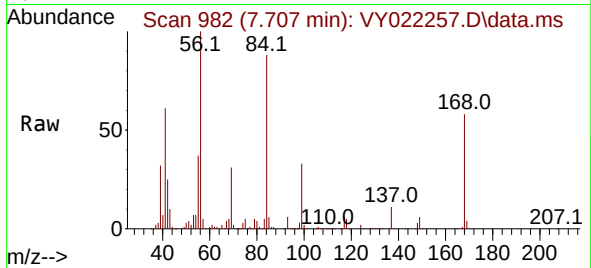
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

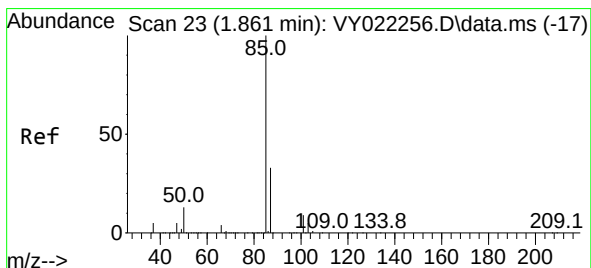
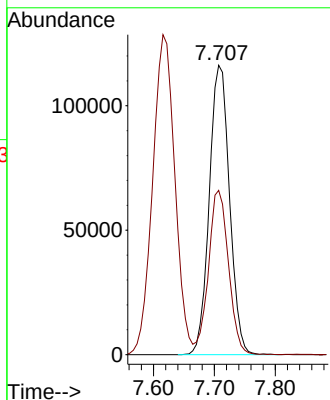
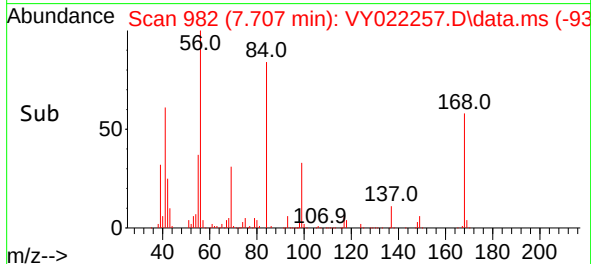
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 26839
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4

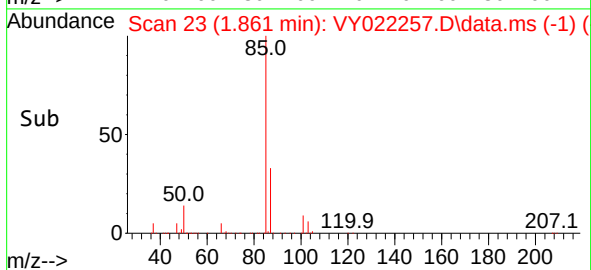
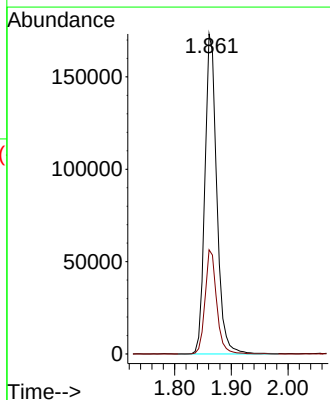
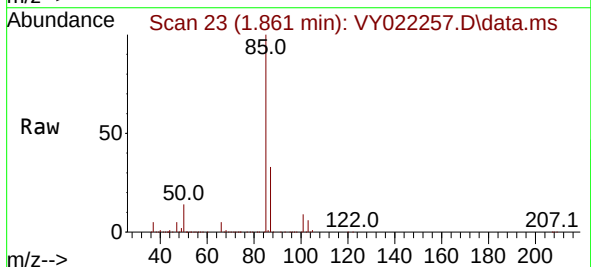
Manual Integrations
APPROVED

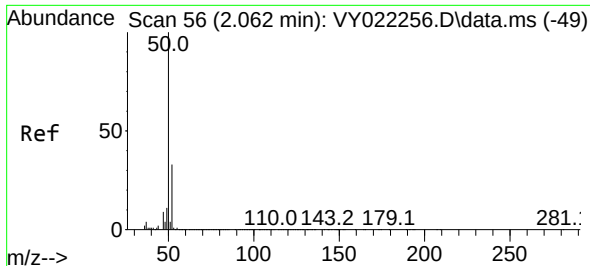
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 90.138 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

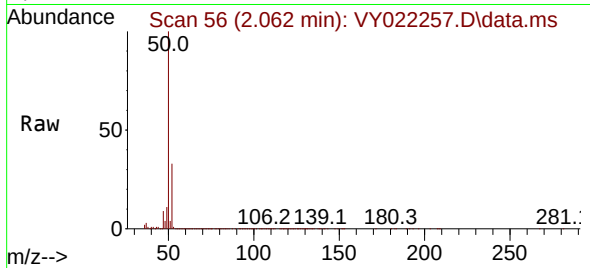
Tgt Ion: 85 Resp: 252438
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5





#3
Chloromethane
Concen: 95.302 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

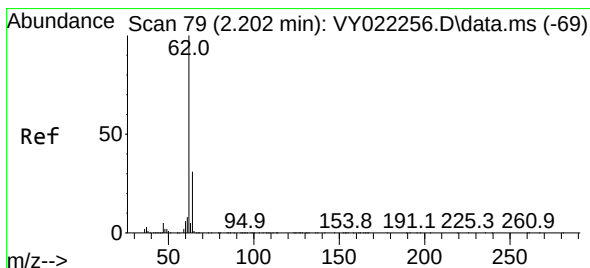
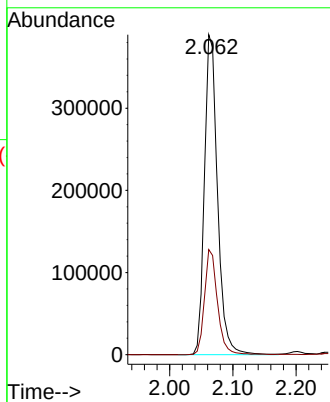
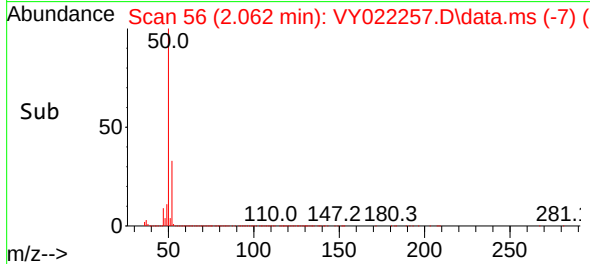
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



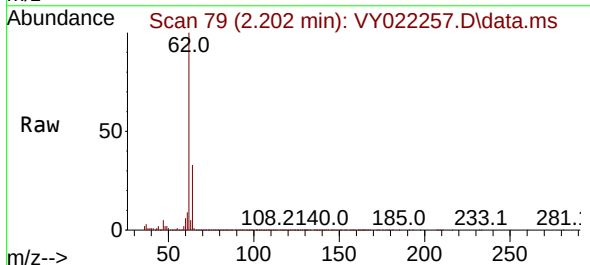
Tgt Ion: 50 Resp: 56144
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

Manual Integrations
APPROVED

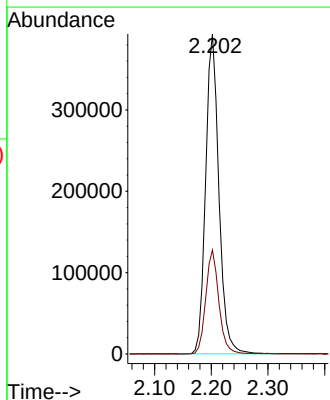
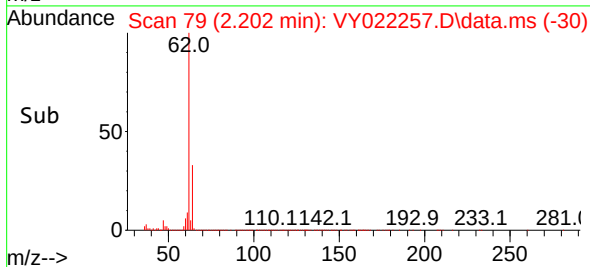
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

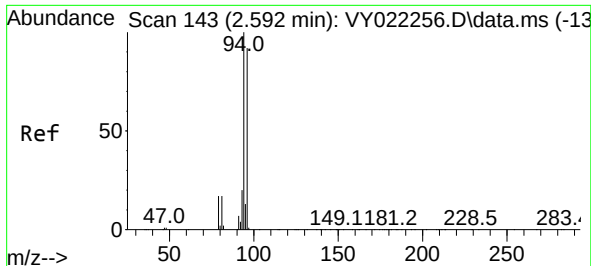


#4
Vinyl Chloride
Concen: 97.085 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion: 62 Resp: 639001
Ion Ratio Lower Upper
62 100
64 32.5 24.5 36.7





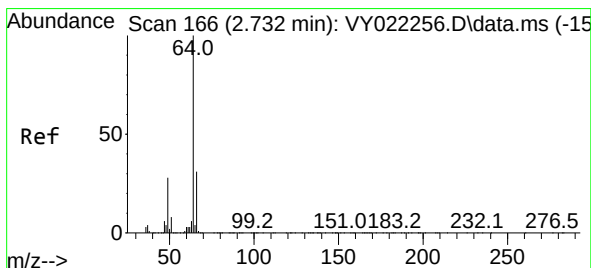
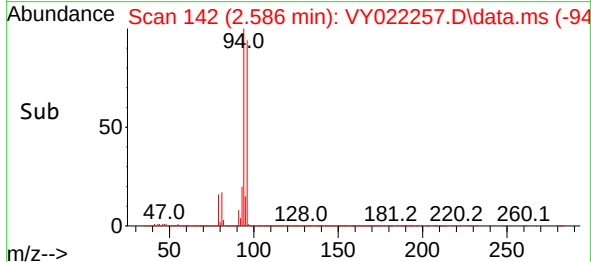
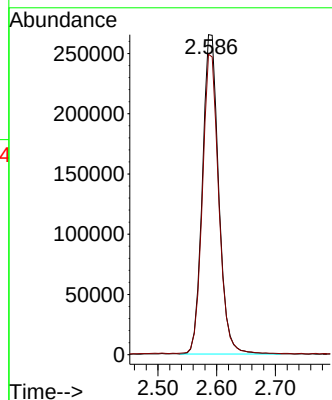
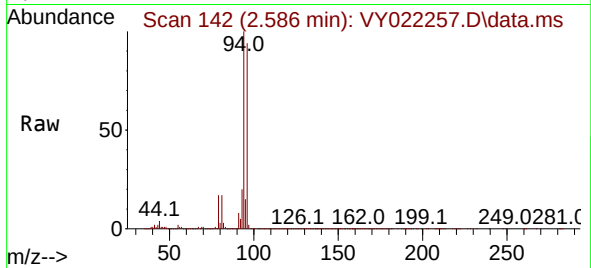
#5
Bromomethane
Concen: 95.642 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 512452
Ion Ratio Lower Upper
94 100
96 93.7 73.4 110.0

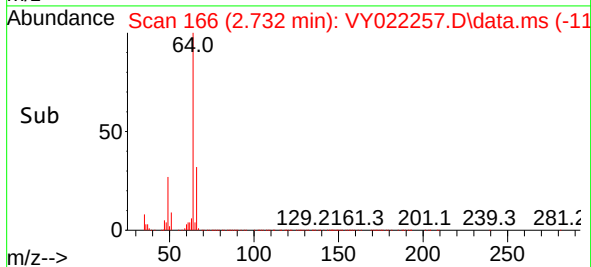
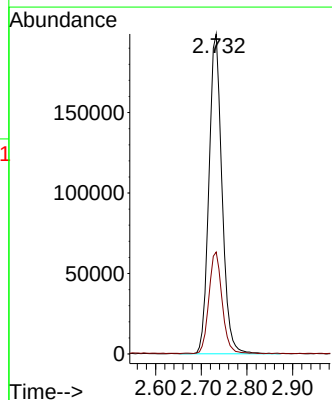
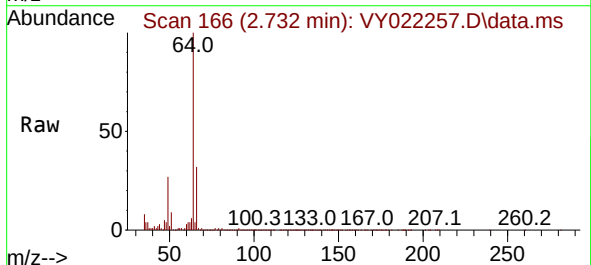
Manual Integrations
APPROVED

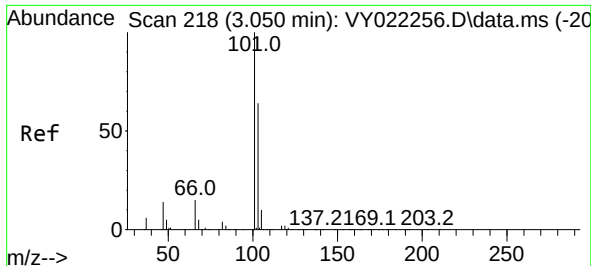
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#6
Chloroethane
Concen: 96.113 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

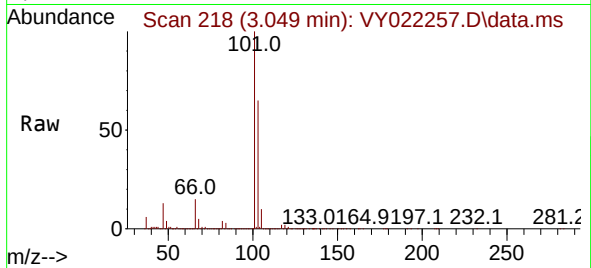
Tgt Ion: 64 Resp: 393556
Ion Ratio Lower Upper
64 100
66 31.7 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 97.581 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

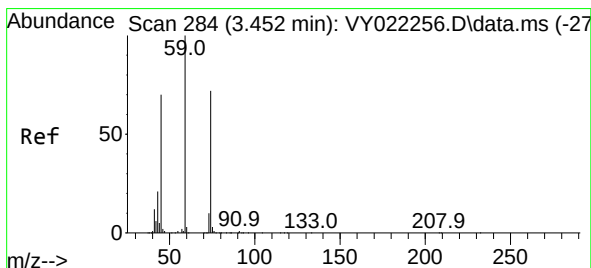
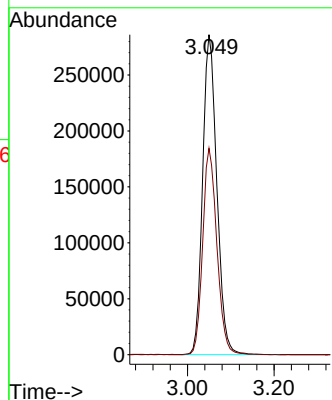
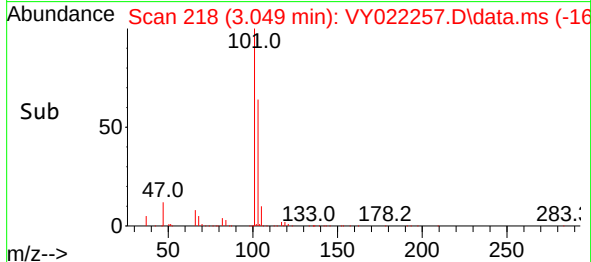
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



Tgt Ion:101 Resp: 65026
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.7 77.5

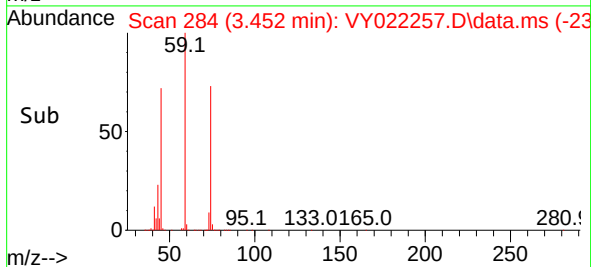
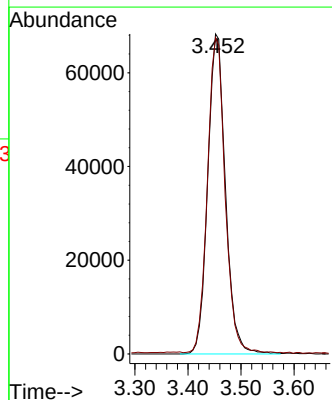
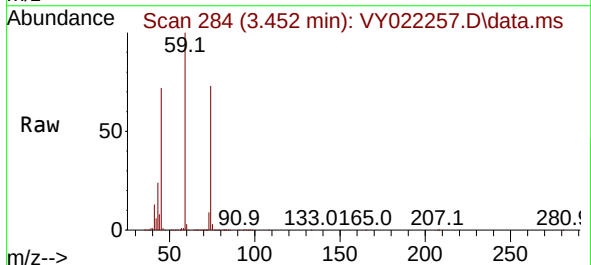
Manual Integrations
 APPROVED

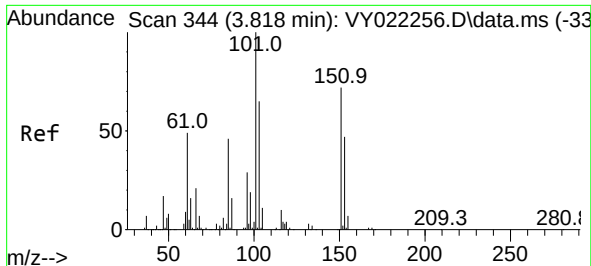
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#8
 Diethyl Ether
 Concen: 99.031 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

Tgt Ion: 74 Resp: 158375
 Ion Ratio Lower Upper
 74 100
 45 97.9 48.6 145.8





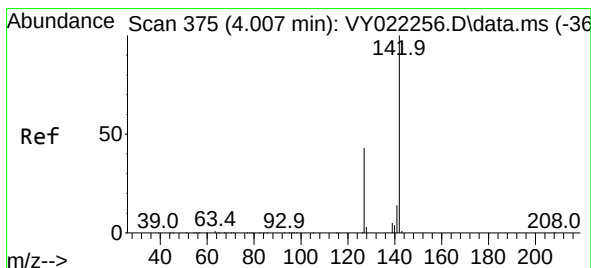
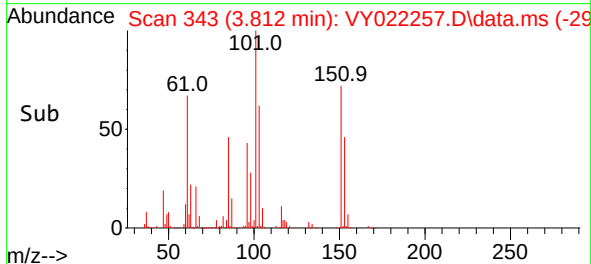
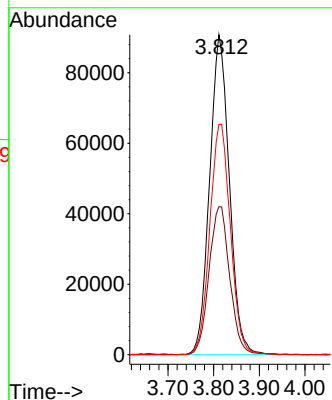
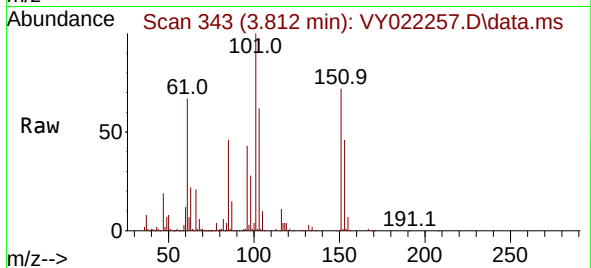
#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.120 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 27228
Ion Ratio Lower Upper
101 100
85 48.8 38.6 58.0
151 75.3 59.7 89.5

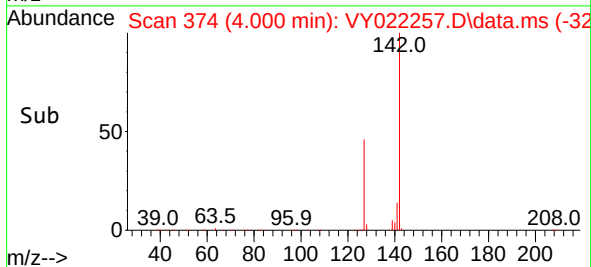
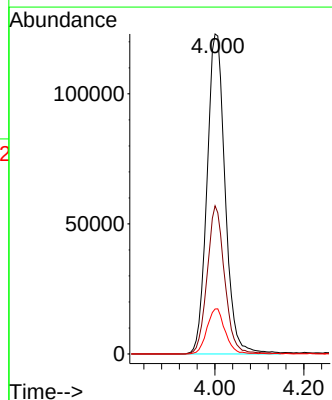
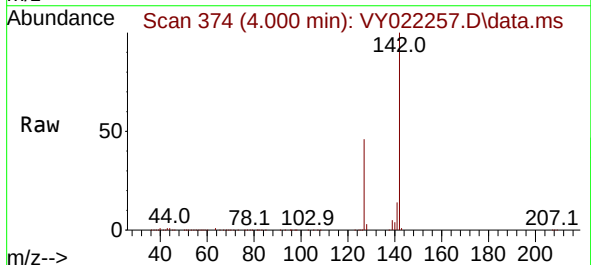
Manual Integrations
APPROVED

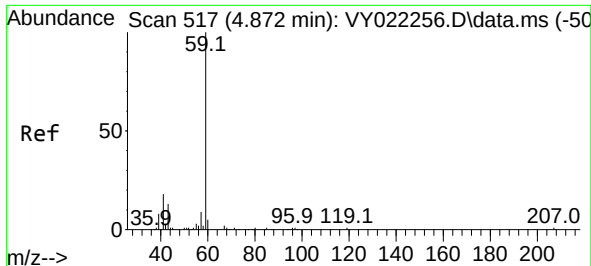
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 104.334 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

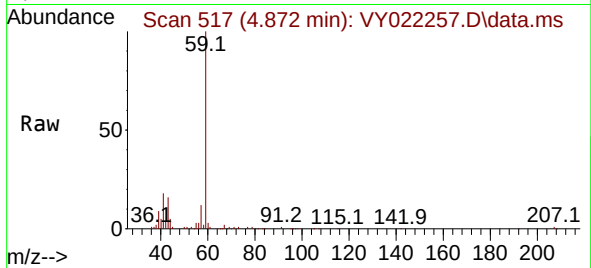
Tgt Ion:142 Resp: 349345
Ion Ratio Lower Upper
142 100
127 44.8 35.7 53.5
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 502.655 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

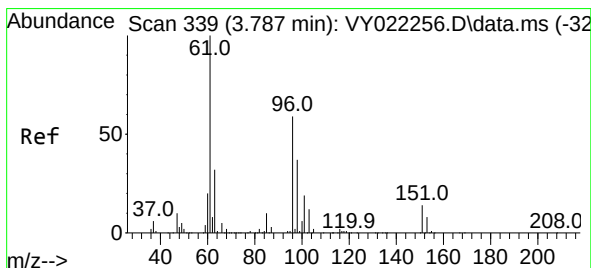
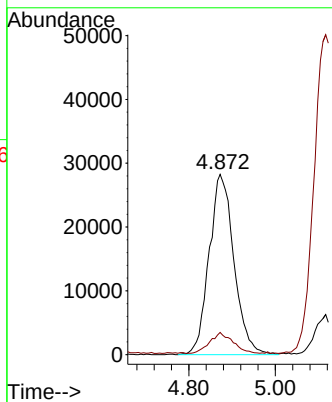
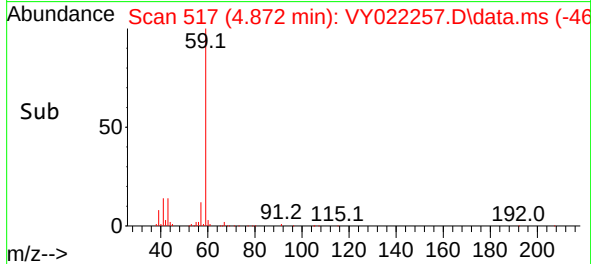
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



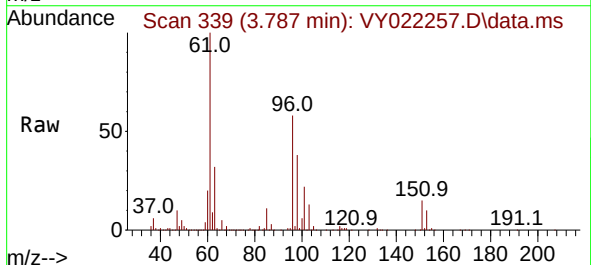
Tgt Ion: 59 Resp: 112593
Ion Ratio Lower Upper
59 100
57 10.6 0.0 0.0

Manual Integrations
APPROVED

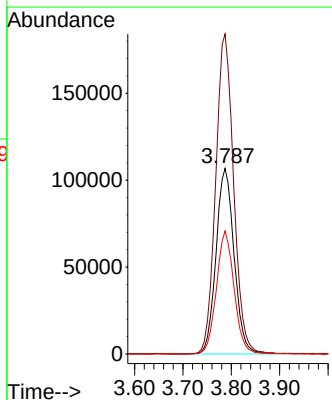
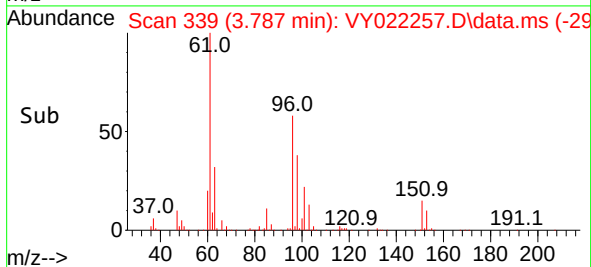
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

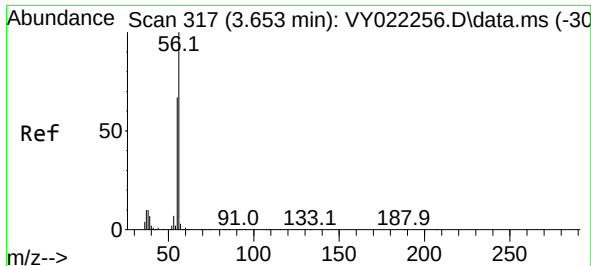


#12
1,1-Dichloroethene
Concen: 96.798 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



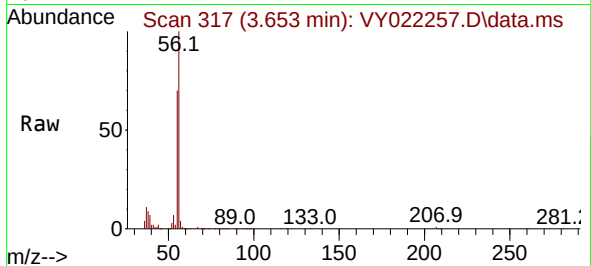
Tgt Ion: 96 Resp: 277897
Ion Ratio Lower Upper
96 100
61 172.4 134.9 202.3
98 66.2 49.9 74.9





#13
Acrolein
Concen: 478.373 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

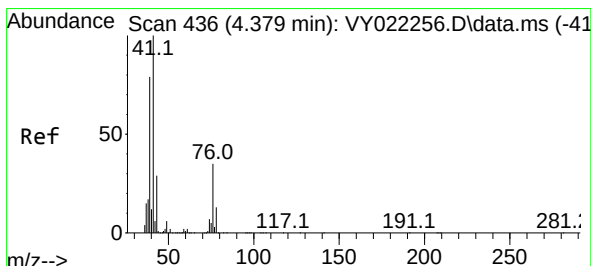
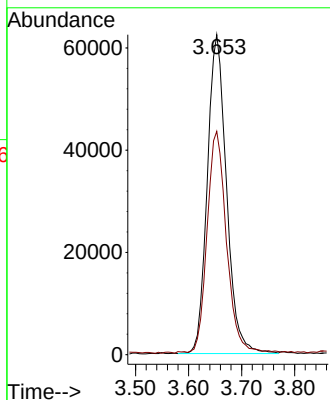
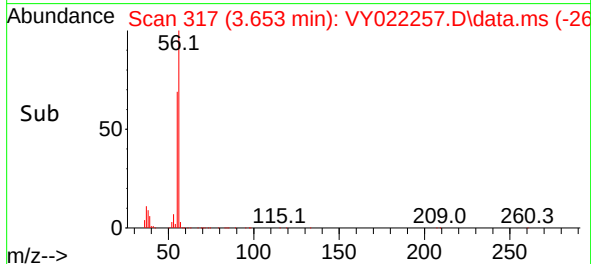
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 156649
Ion Ratio Lower Upper
56 100
55 70.4 55.6 83.4

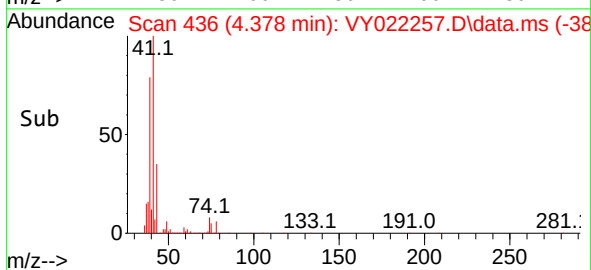
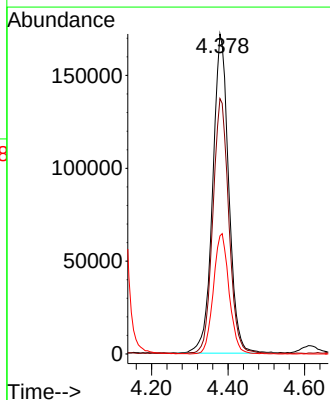
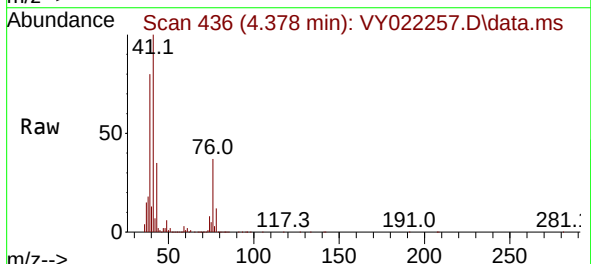
Manual Integrations
APPROVED

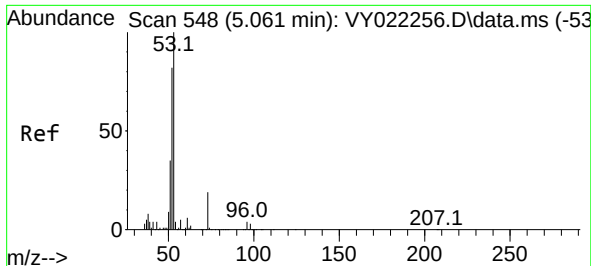
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#14
Allyl chloride
Concen: 99.429 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

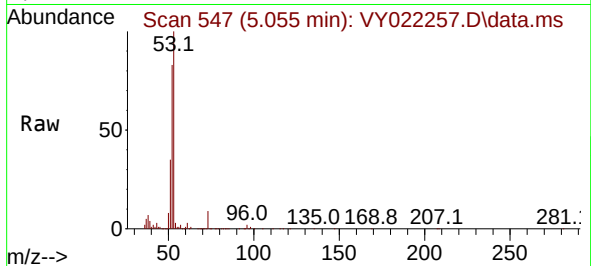
Tgt Ion: 41 Resp: 500514
Ion Ratio Lower Upper
41 100
39 79.4 63.4 95.0
76 36.9 29.5 44.3





#15
Acrylonitrile
Concen: 516.458 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

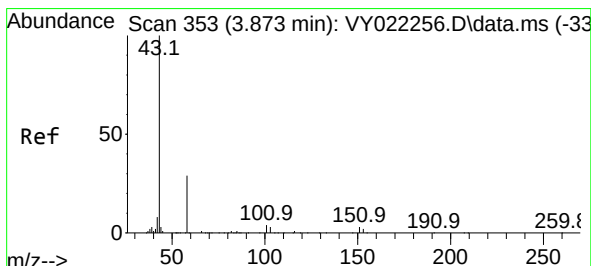
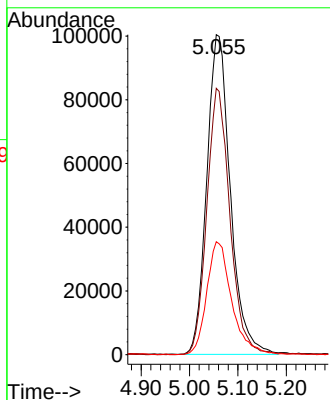
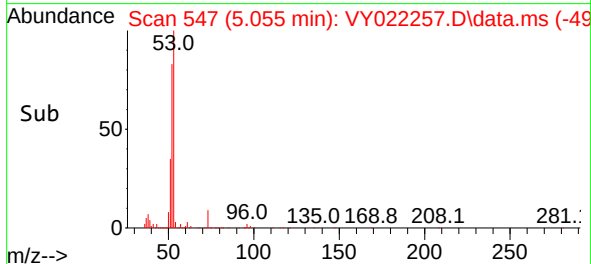
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



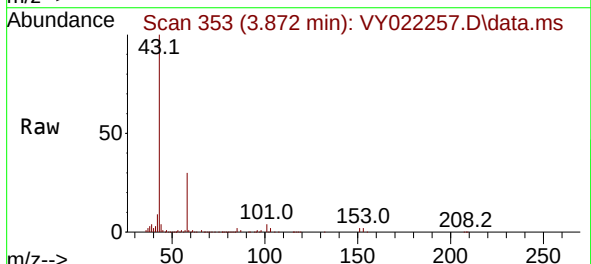
Tgt Ion: 53 Resp: 340329
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 37.4 30.0 45.0

Manual Integrations
APPROVED

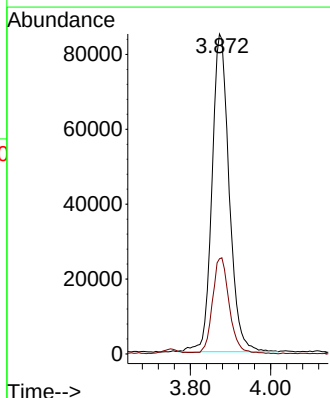
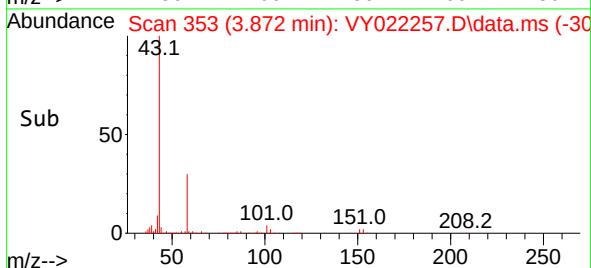
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

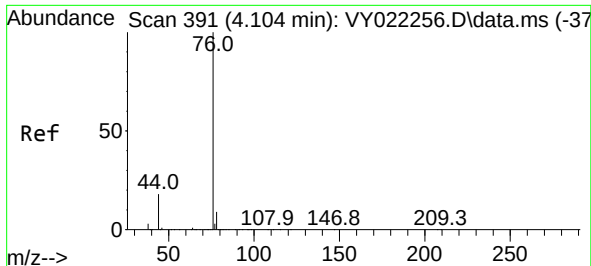


#16
Acetone
Concen: 458.767 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



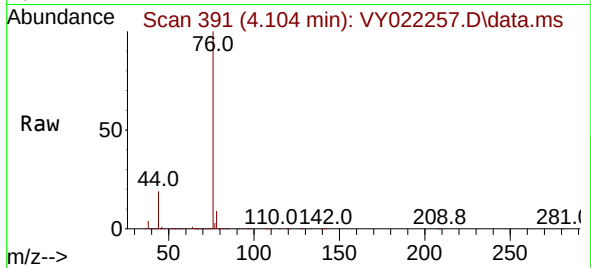
Tgt Ion: 43 Resp: 252327
Ion Ratio Lower Upper
43 100
58 29.9 23.6 35.4





#17
Carbon Disulfide
Concen: 96.251 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

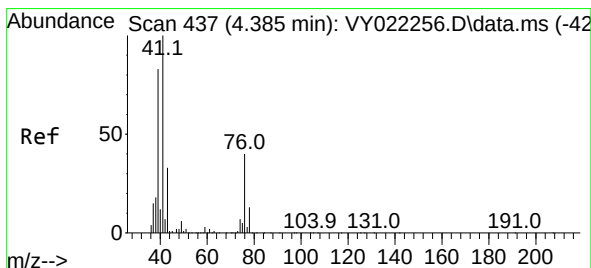
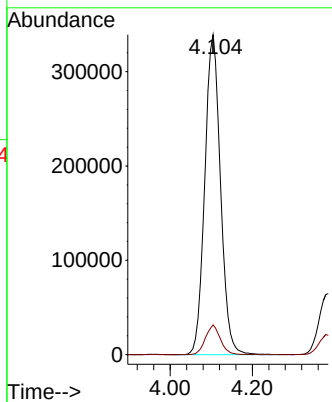
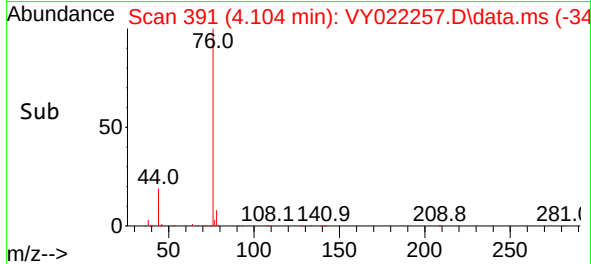
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



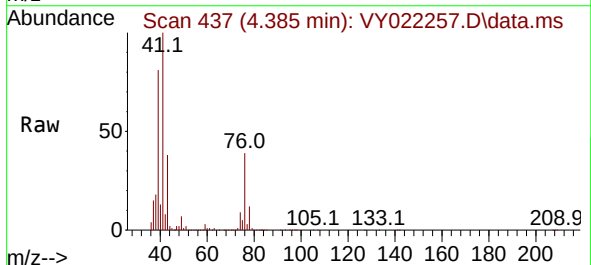
Tgt Ion: 76 Resp: 90108
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Manual Integrations
APPROVED

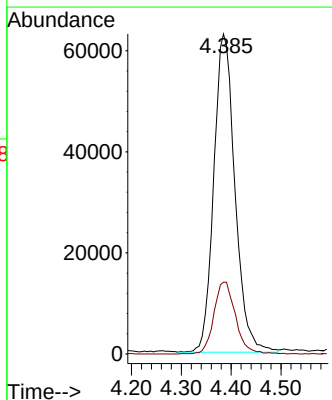
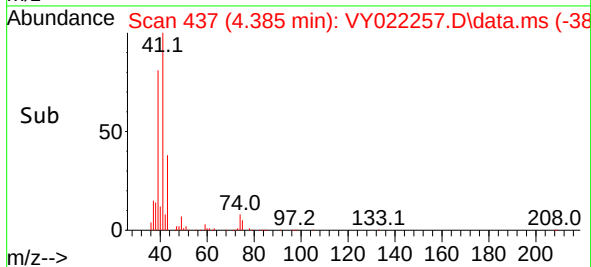
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

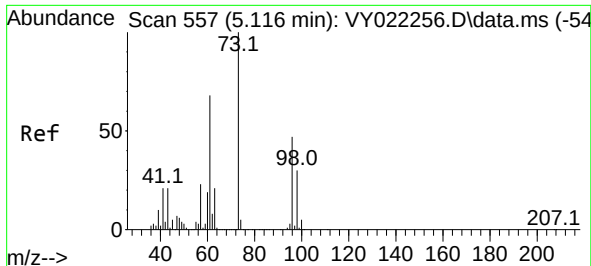


#18
Methyl Acetate
Concen: 111.043 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



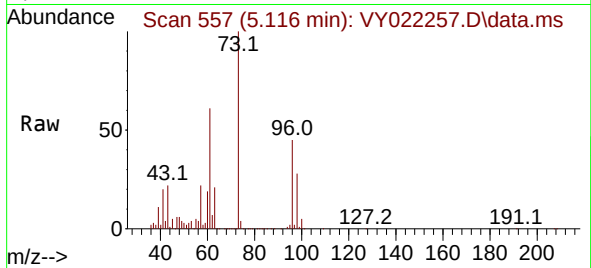
Tgt Ion: 43 Resp: 185837
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 101.997 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

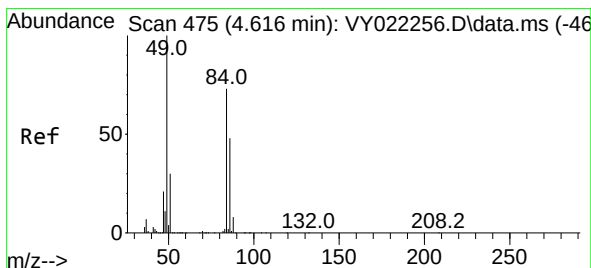
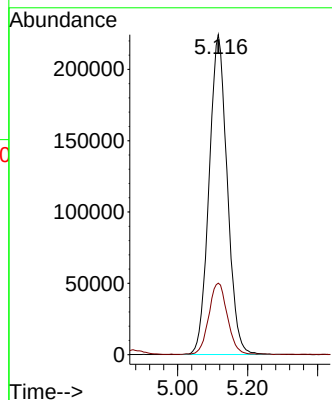
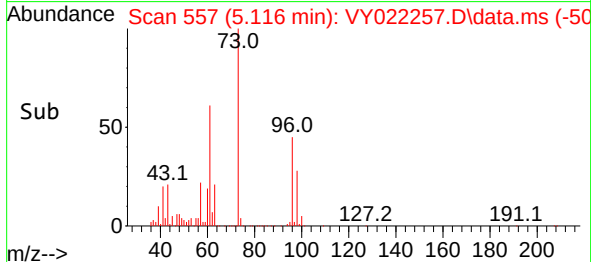
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 73 Resp: 807404
Ion Ratio Lower Upper
73 100
57 22.3 18.6 28.0

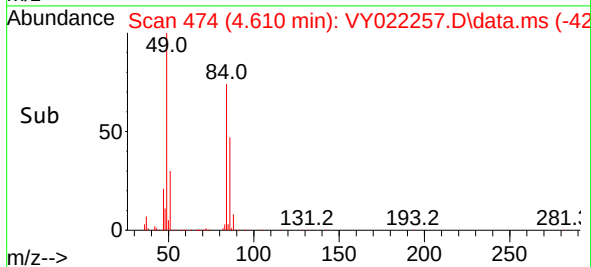
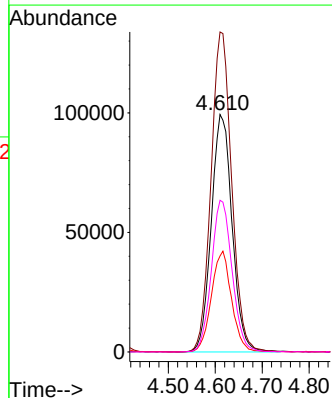
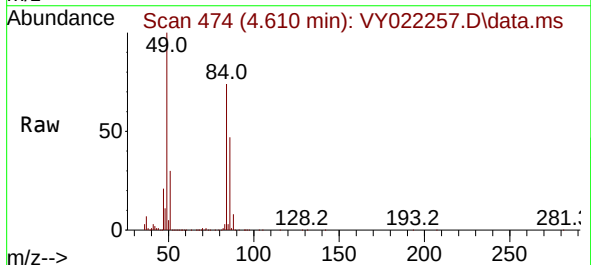
Manual Integrations
APPROVED

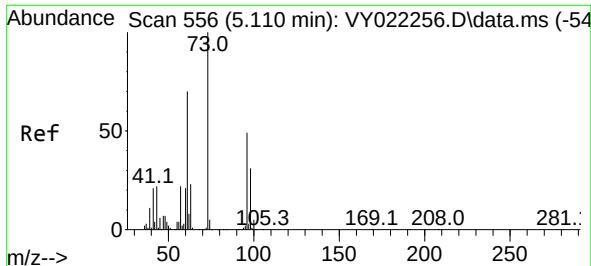
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20
Methylene Chloride
Concen: 86.076 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

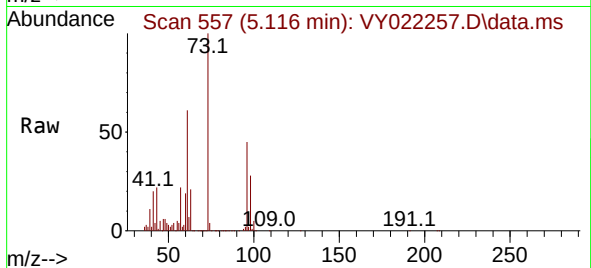
Tgt Ion: 84 Resp: 305912
Ion Ratio Lower Upper
84 100
49 134.8 109.6 164.4
51 40.3 32.4 48.6
86 63.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 98.288 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

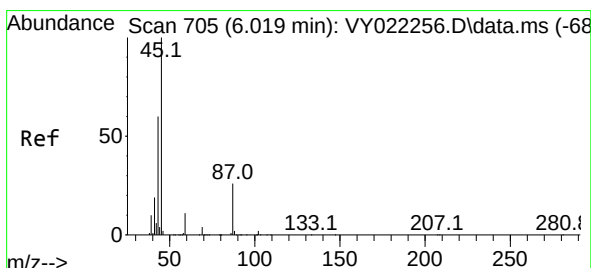
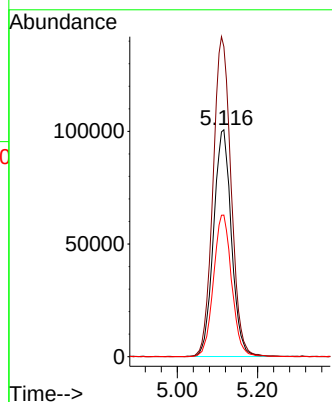
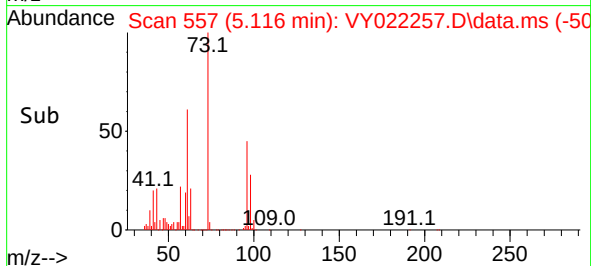
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



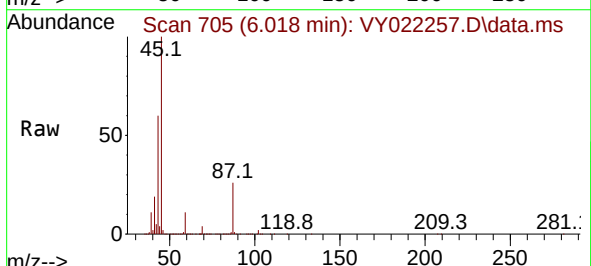
Tgt Ion: 96 Resp: 311460
Ion Ratio Lower Upper
96 100
61 136.7 113.4 170.0
98 62.4 50.9 76.3

Manual Integrations
APPROVED

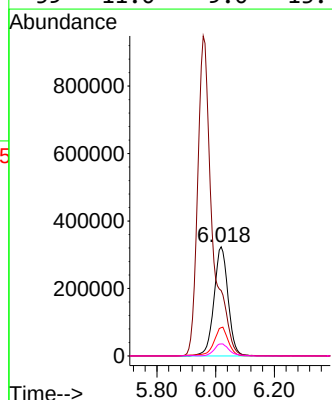
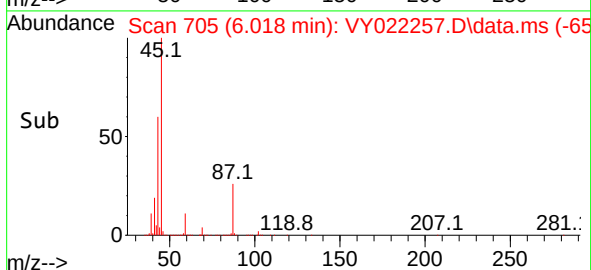
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

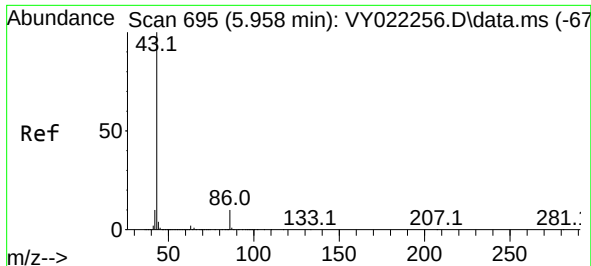


#22
Diisopropyl ether
Concen: 101.128 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



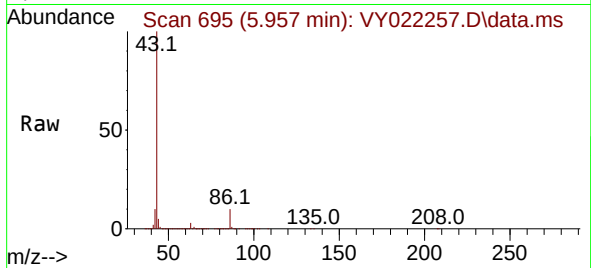
Tgt Ion: 45 Resp: 1075035
Ion Ratio Lower Upper
45 100
43 59.8 48.2 72.2
87 25.9 21.4 32.0
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 507.456 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

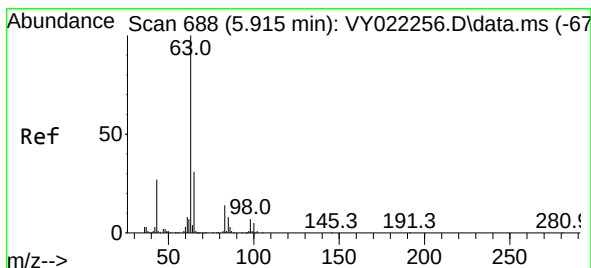
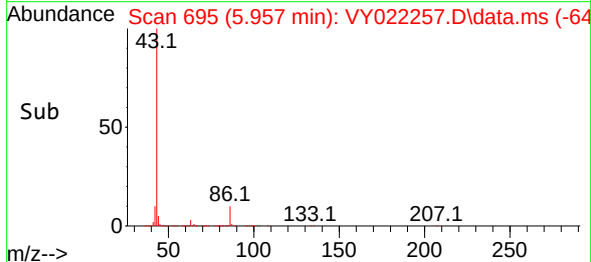
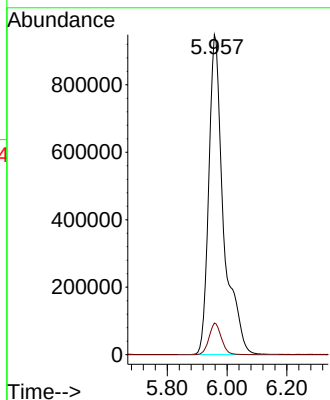
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



Tgt Ion: 43 Resp: 3259000
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

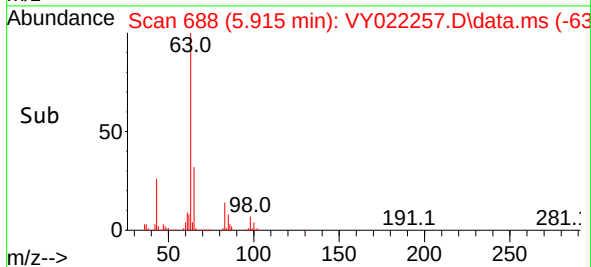
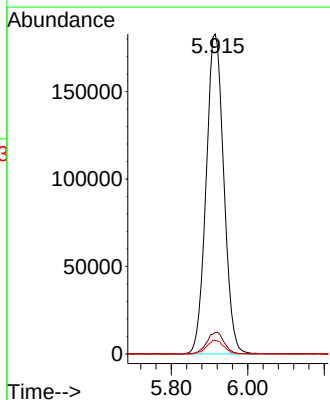
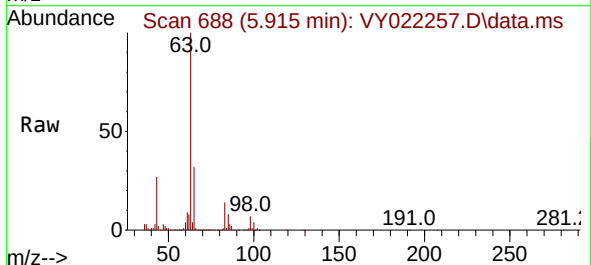
Manual Integrations
 APPROVED

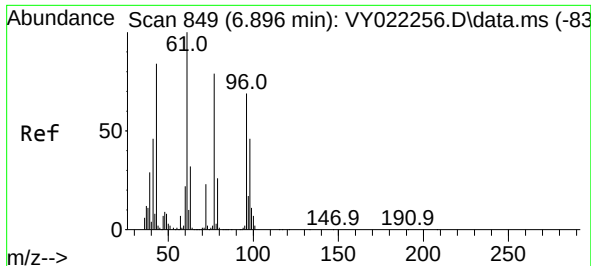
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#24
 1,1-Dichloroethane
 Concen: 98.750 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

Tgt Ion: 63 Resp: 586479
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.2 2.4 7.2





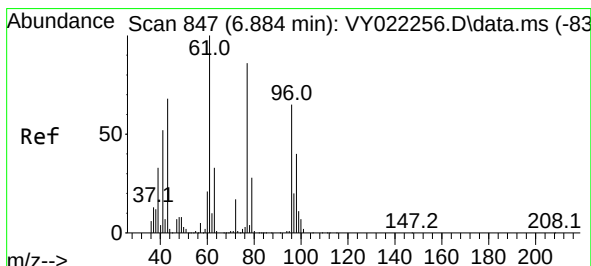
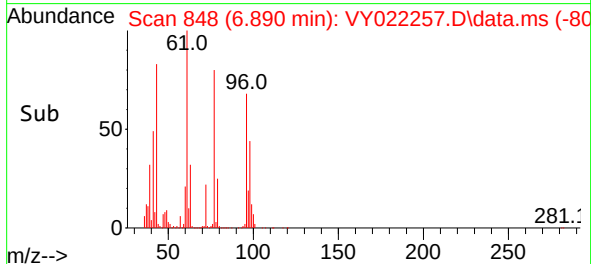
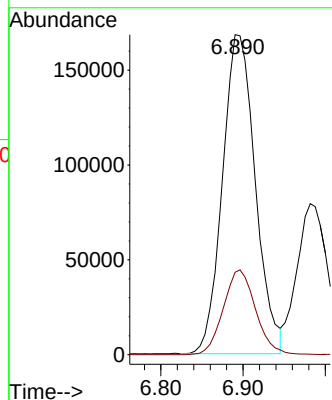
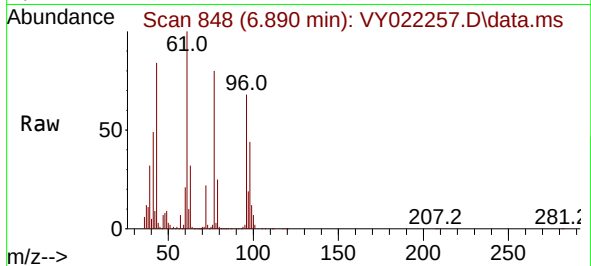
#25
2-Butanone
Concen: 507.932 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 46730
Ion Ratio Lower Upper
43 100
72 25.8 22.1 33.1

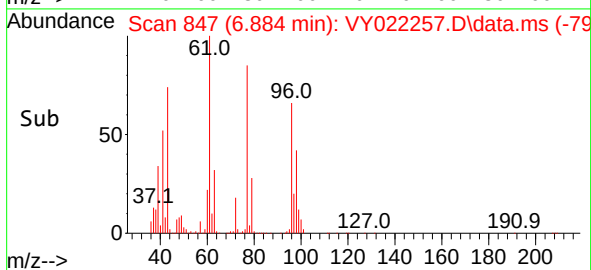
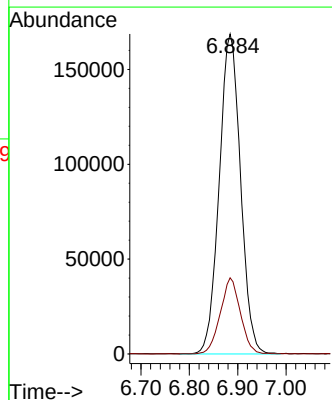
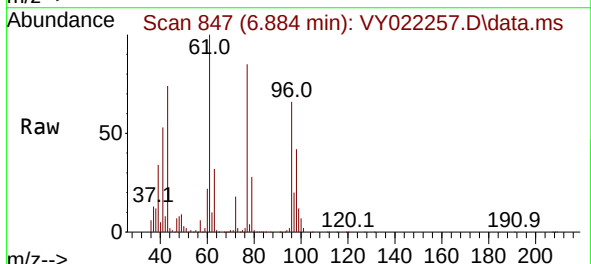
Manual Integrations
APPROVED

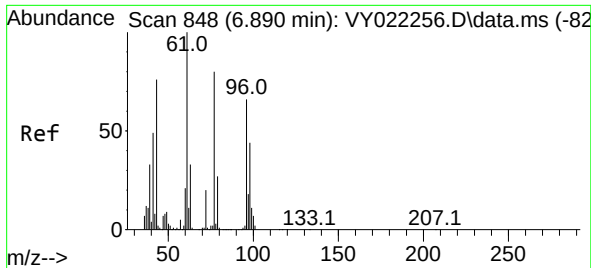
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#26
2,2-Dichloropropane
Concen: 97.682 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 77 Resp: 515990
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 100.861 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 368820

Ion Ratio Lower Upper

96 100

61 152.0 0.0 302.6

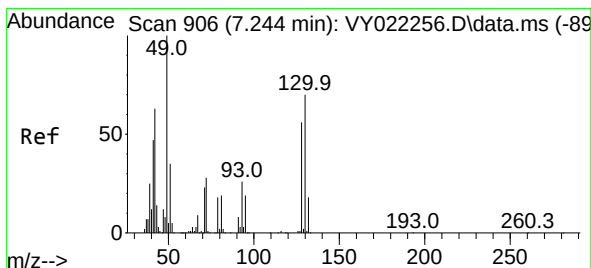
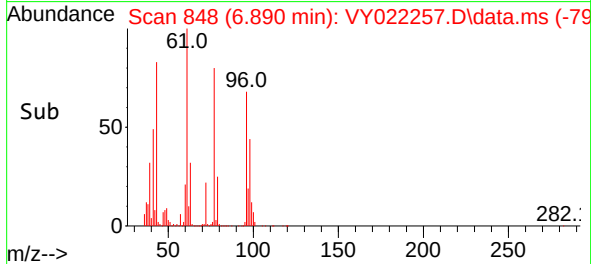
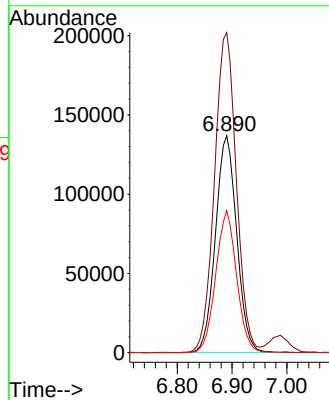
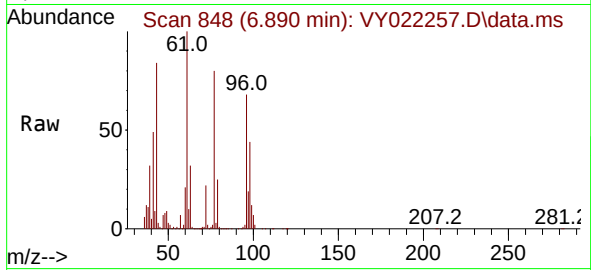
98 64.6 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#28

Bromochloromethane

Concen: 99.349 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

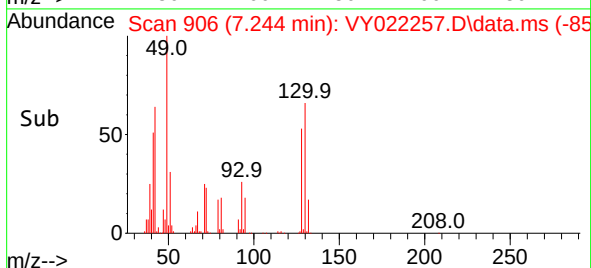
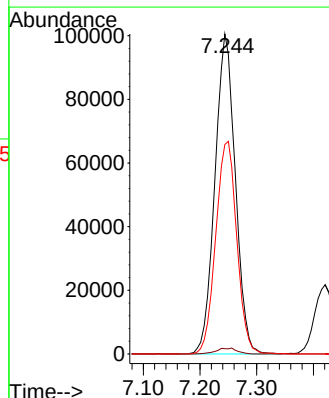
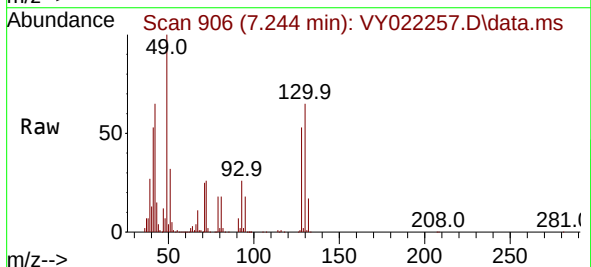
Tgt Ion: 49 Resp: 251676

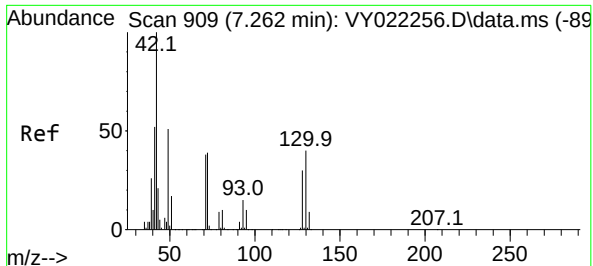
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 68.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 527.609 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 312280

Ion Ratio Lower Upper

42 100

72 42.0 33.8 50.6

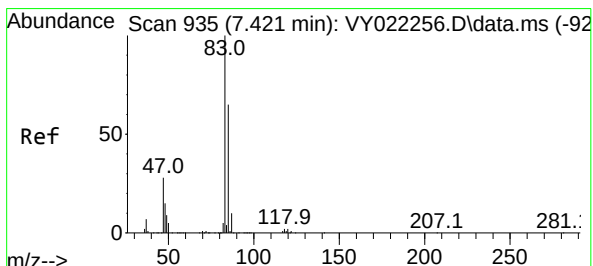
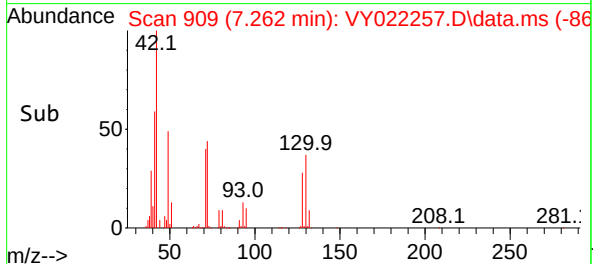
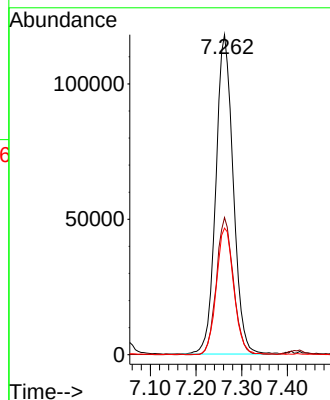
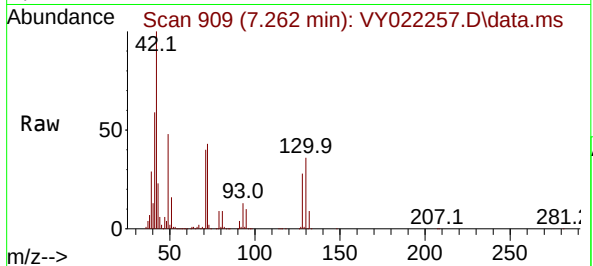
71 39.4 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#30

Chloroform

Concen: 99.326 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022257.D

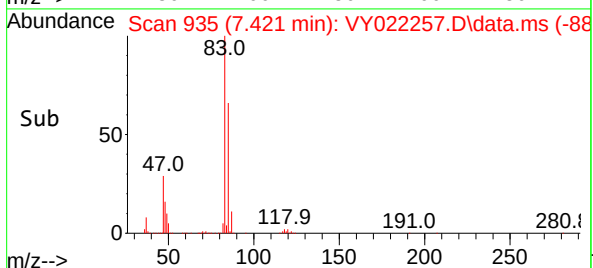
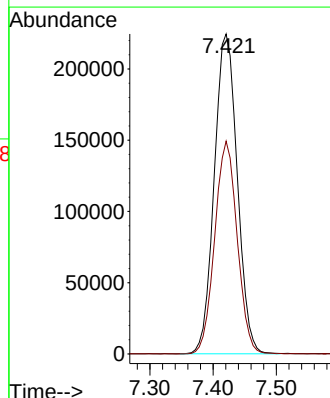
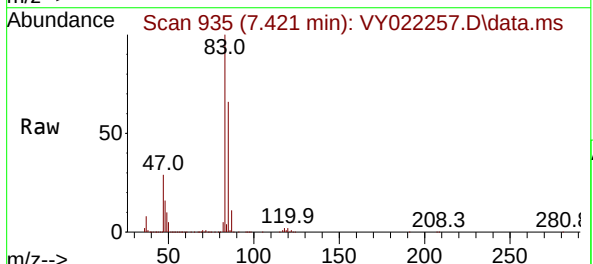
Acq: 15 May 2025 11:24

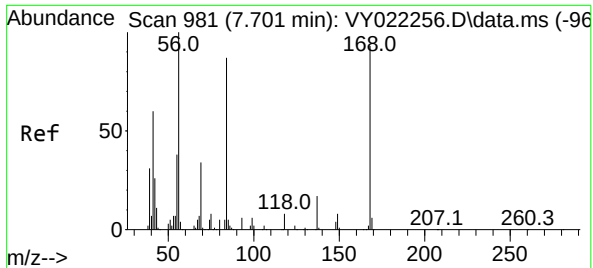
Tgt Ion: 83 Resp: 565823

Ion Ratio Lower Upper

83 100

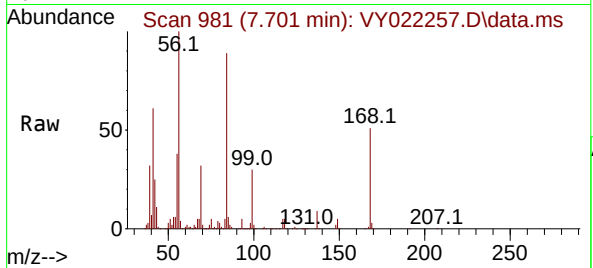
85 66.5 51.8 77.8





#31
Cyclohexane
Concen: 90.301 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

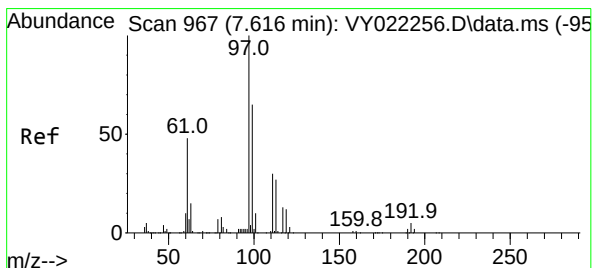
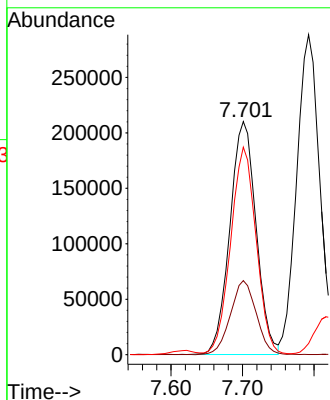
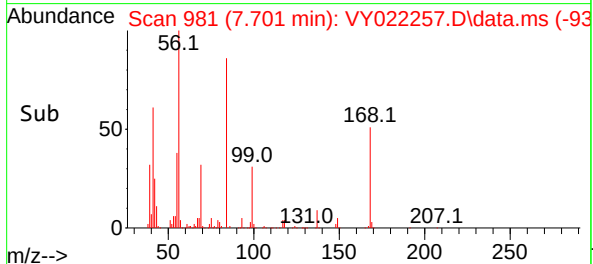
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 535839
Ion Ratio Lower Upper
56 100
69 31.8 27.4 41.2
84 87.6 70.0 105.0

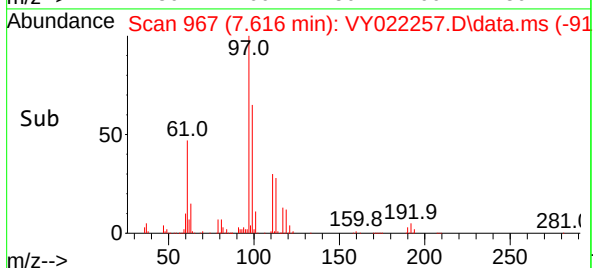
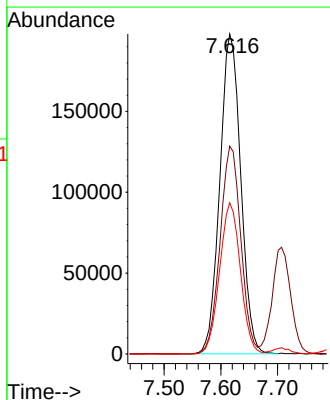
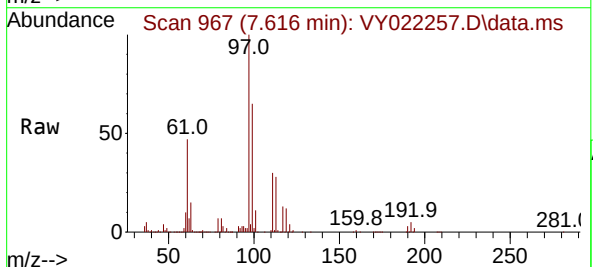
Manual Integrations
APPROVED

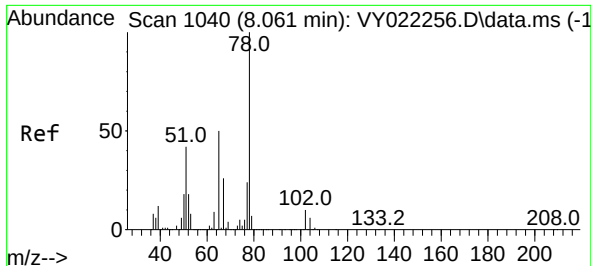
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#32
1,1,1-Trichloroethane
Concen: 96.995 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 97 Resp: 506927
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 47.1 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 99.729 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 29253

Ion Ratio Lower Upper

65 100

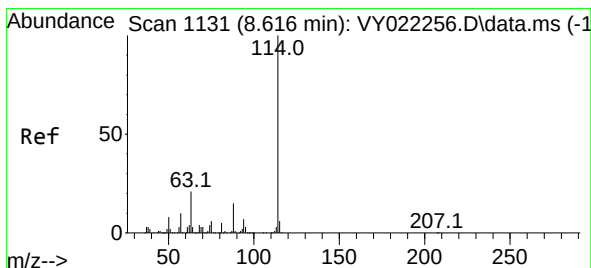
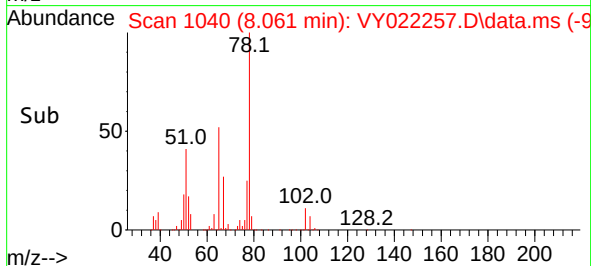
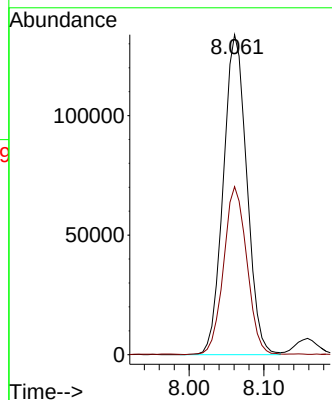
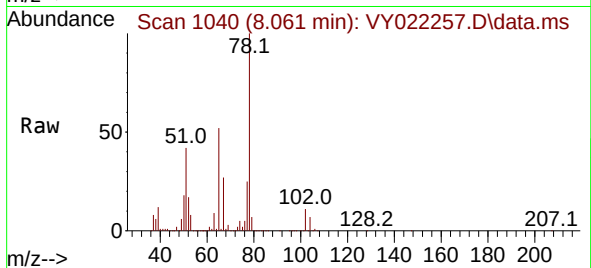
67 51.8 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

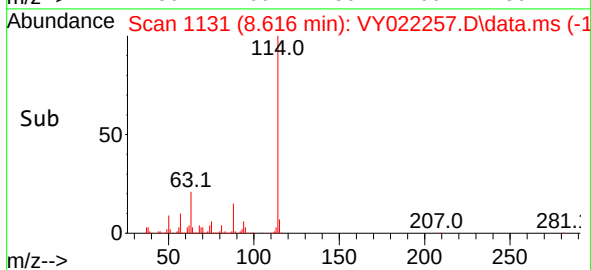
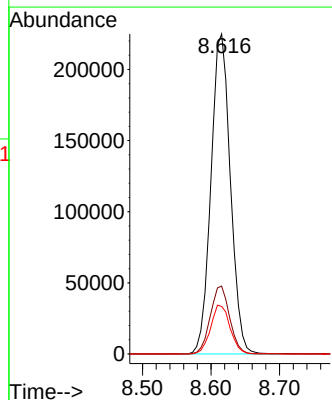
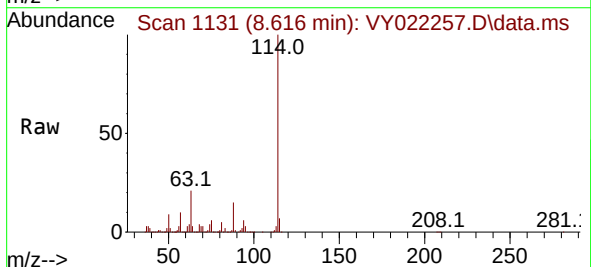
Tgt Ion:114 Resp: 443341

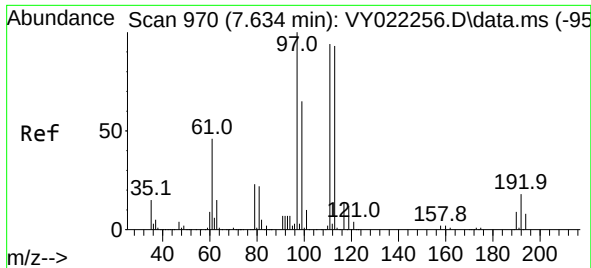
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.0

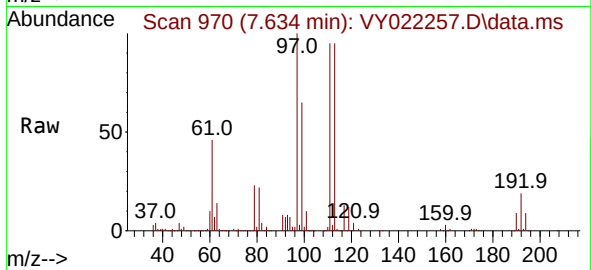
88 14.9 0.0 29.4





#35
Dibromofluoromethane
Concen: 99.389 ug/l
RT: 7.634 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

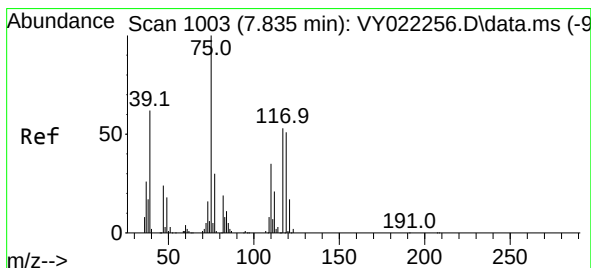
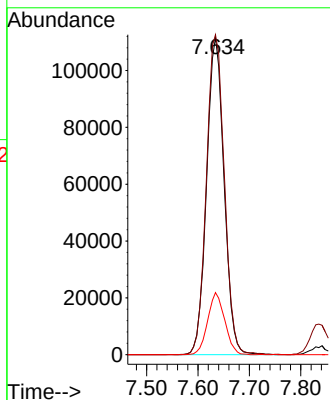
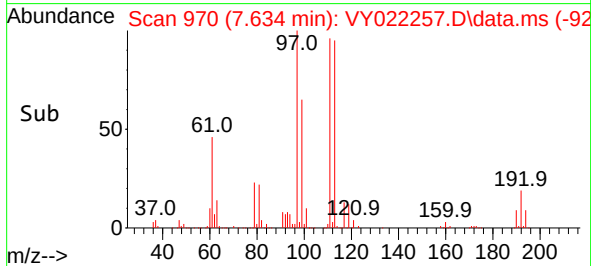
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 113 Resp: 26299
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.2 15.2 22.8

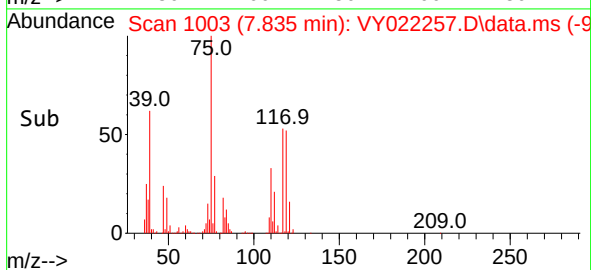
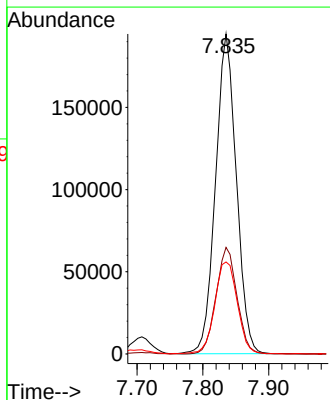
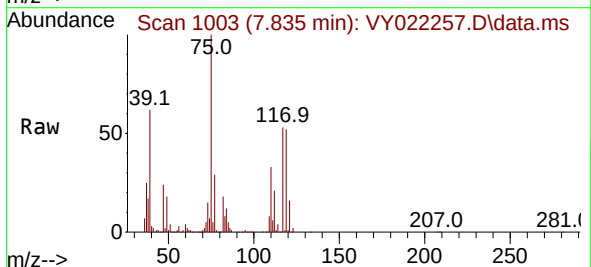
Manual Integrations
APPROVED

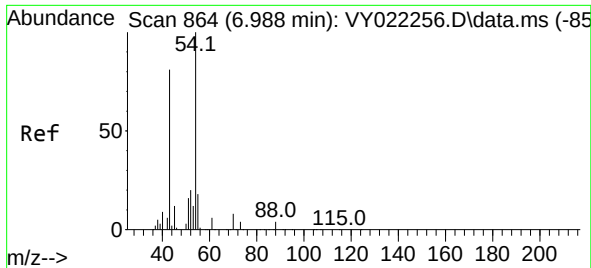
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#36
1,1-Dichloropropene
Concen: 98.465 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

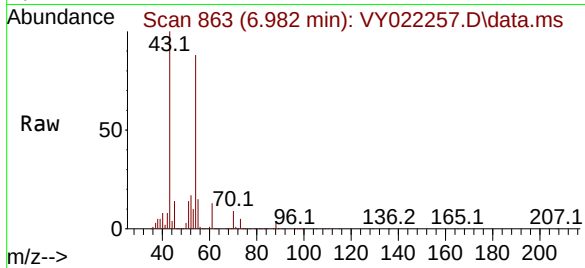
Tgt Ion: 75 Resp: 429153
Ion Ratio Lower Upper
75 100
110 33.5 16.6 49.8
77 31.2 24.6 37.0





#37
Ethyl Acetate
Concen: 101.642 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

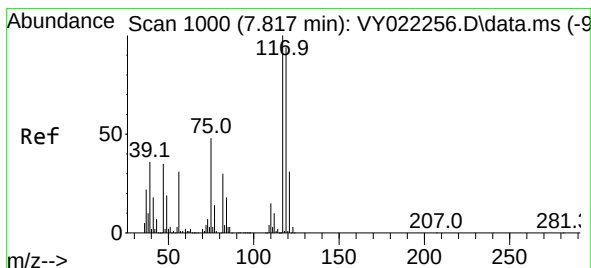
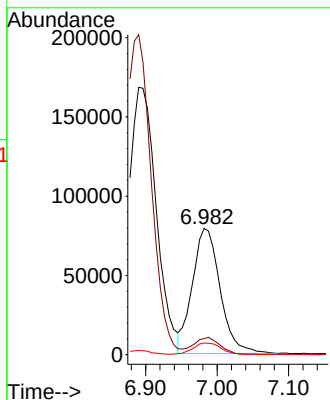
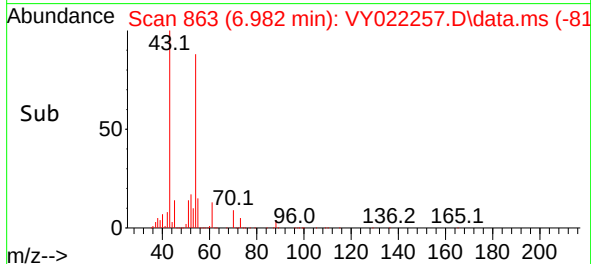
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



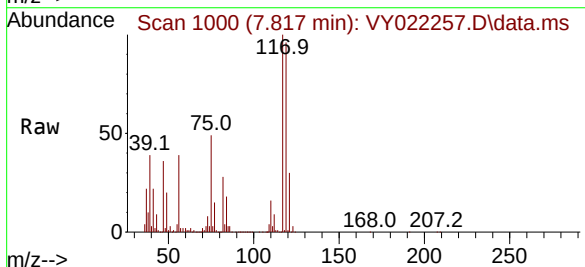
Tgt Ion: 43 Resp: 213152
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.2
70 9.1 7.6 11.4

Manual Integrations
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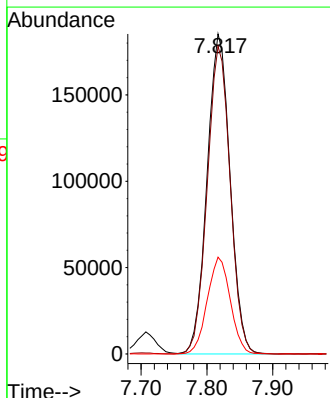
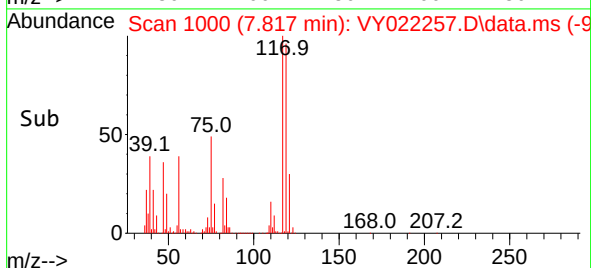
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

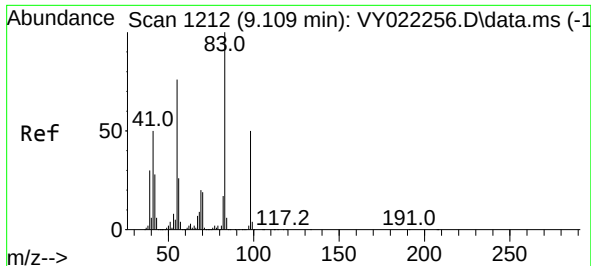


#38
Carbon Tetrachloride
Concen: 100.097 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion:117 Resp: 451589
Ion Ratio Lower Upper
117 100
119 96.2 75.3 112.9
121 30.3 24.7 37.1





#39

Methylcyclohexane

Concen: 96.704 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 566259

Ion Ratio Lower Upper

83 100

55 75.9 60.6 90.8

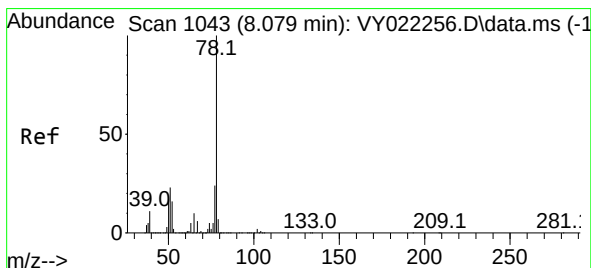
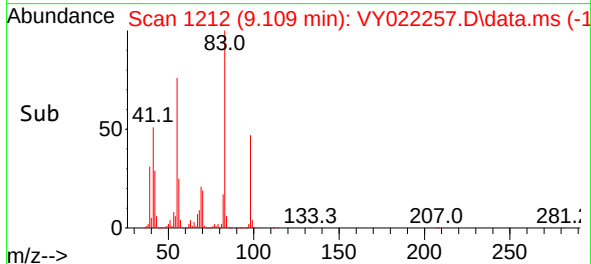
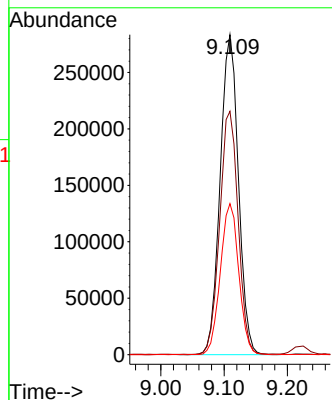
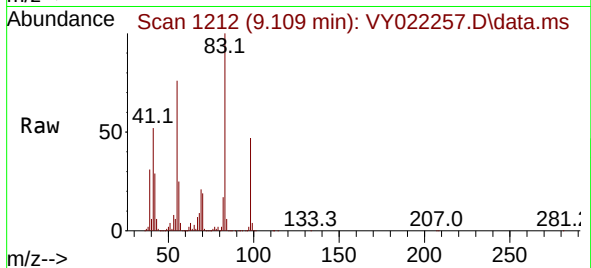
98 47.2 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#40

Benzene

Concen: 101.677 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022257.D

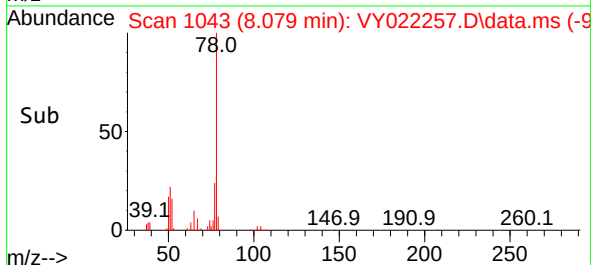
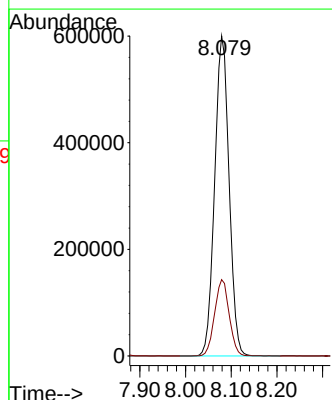
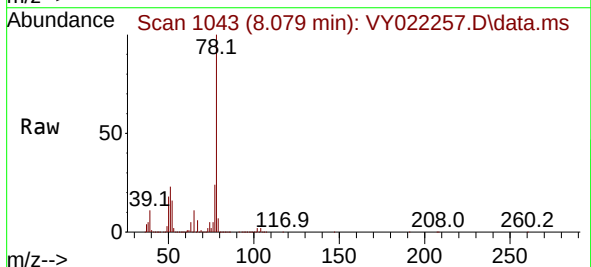
Acq: 15 May 2025 11:24

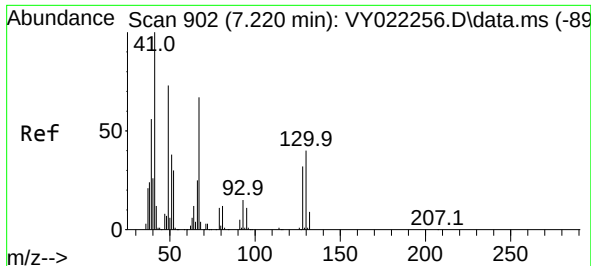
Tgt Ion: 78 Resp: 1313733

Ion Ratio Lower Upper

78 100

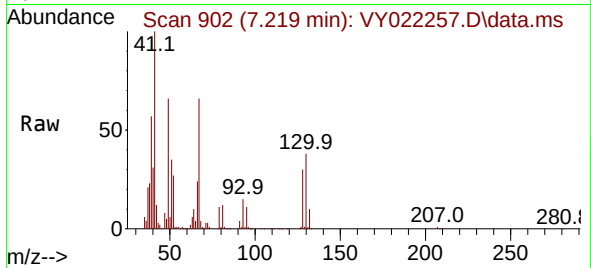
77 23.8 18.9 28.3





#41
Methacrylonitrile
Concen: 85.474 ug/l m
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

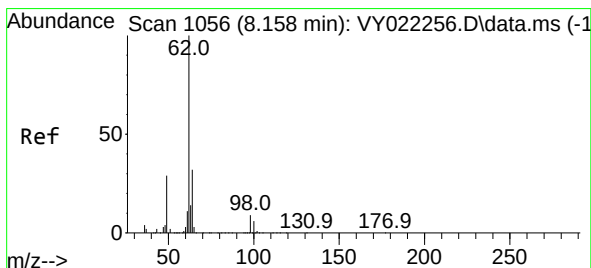
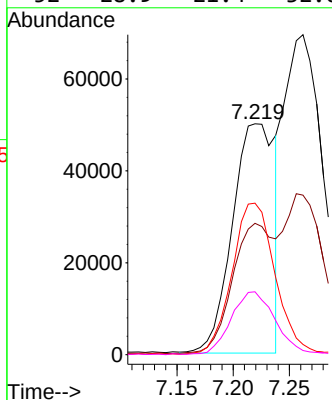
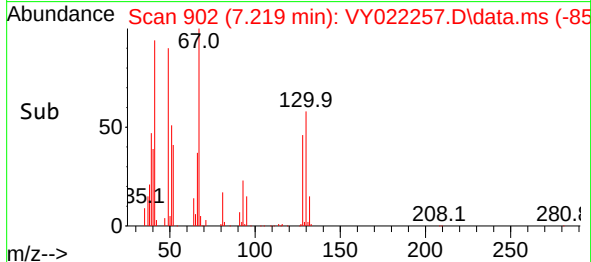
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 13115
Ion Ratio Lower Upper
41 100
39 55.7 39.1 58.7
67 67.2 47.1 70.7
52 28.9 21.4 32.0

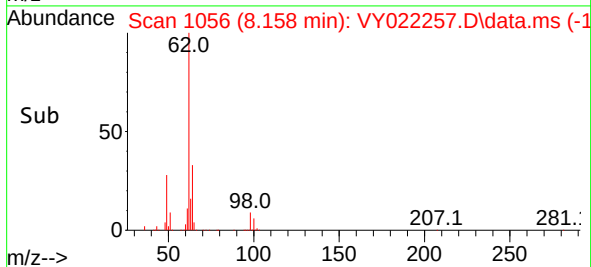
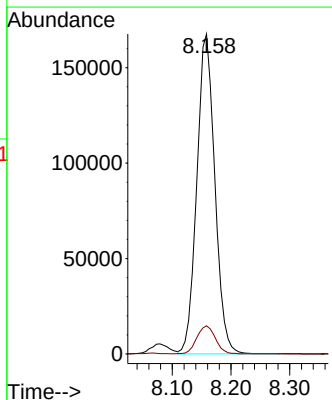
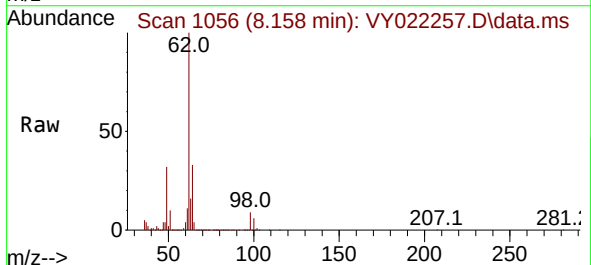
Manual Integrations
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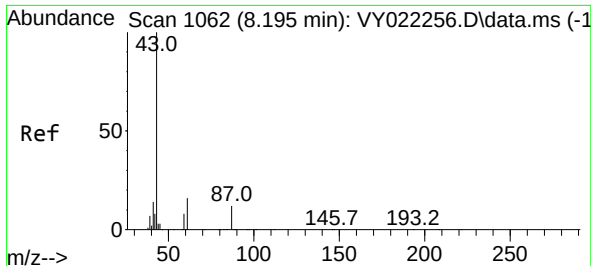
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 102.165 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

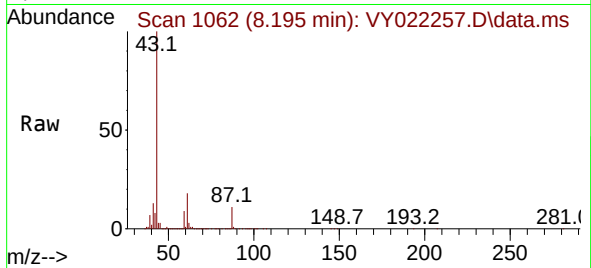
Tgt Ion: 62 Resp: 356974
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43
Isopropyl Acetate
Concen: 103.517 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

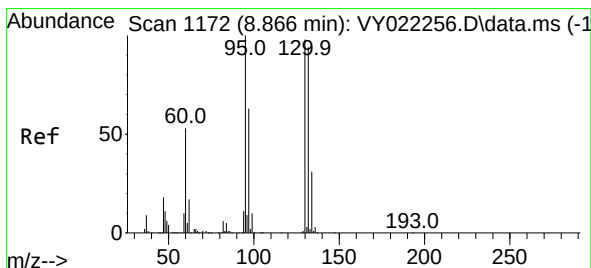
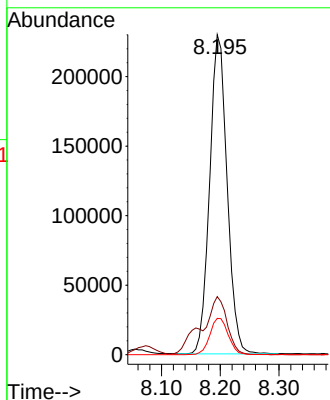
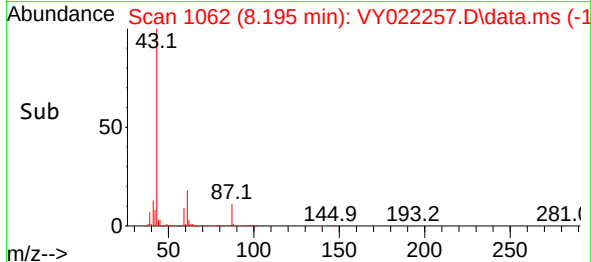
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 473430
Ion Ratio Lower Upper
43 100
61 18.5 15.1 22.7
87 12.0 9.7 14.5

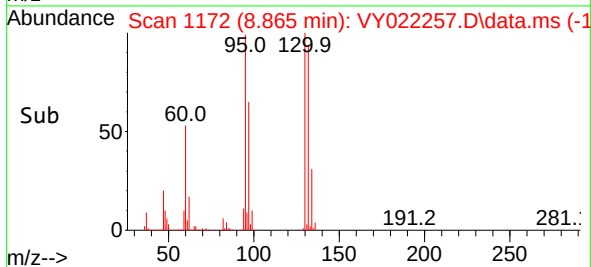
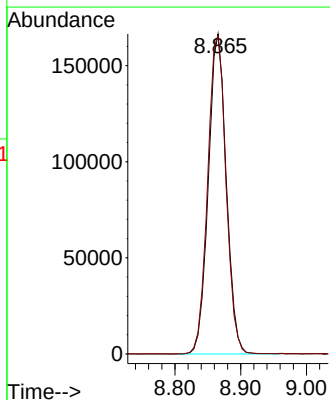
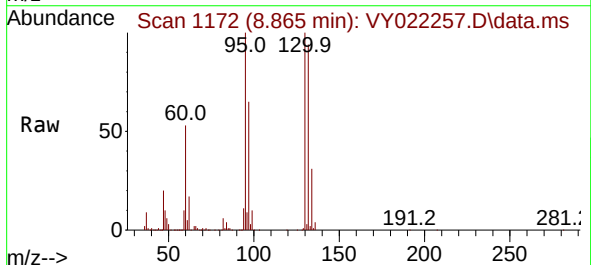
Manual Integrations
APPROVED

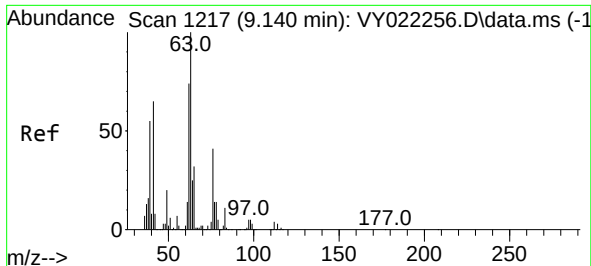
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#44
Trichloroethene
Concen: 98.218 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion:130 Resp: 315543
Ion Ratio Lower Upper
130 100
95 99.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 100.858 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 314179

Ion Ratio Lower Upper

63 100

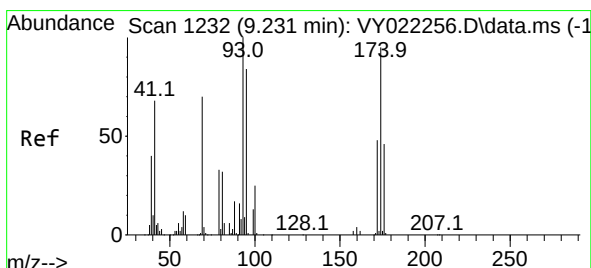
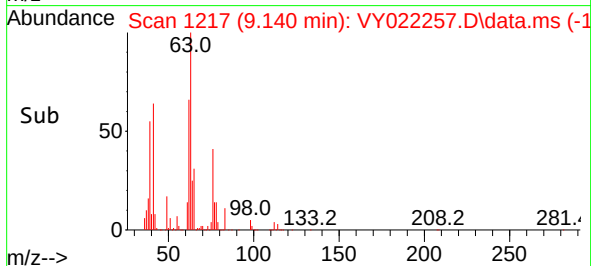
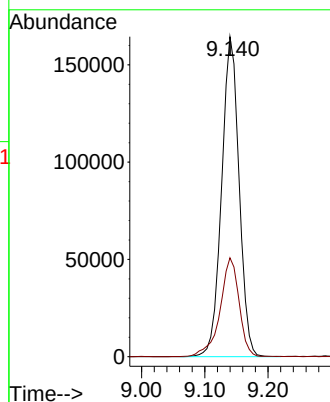
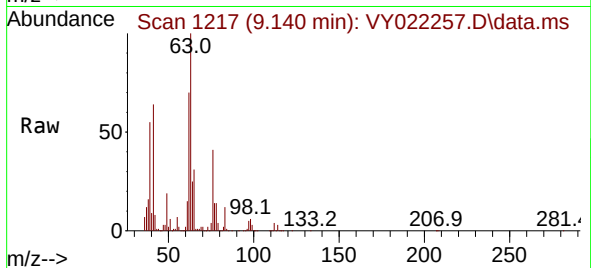
65 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 101.606 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

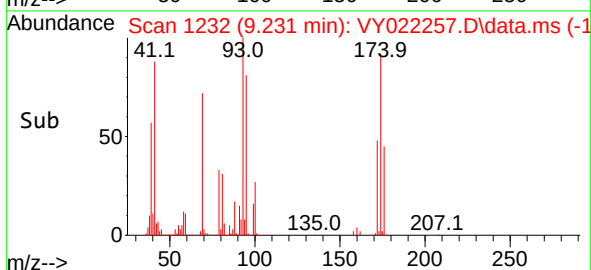
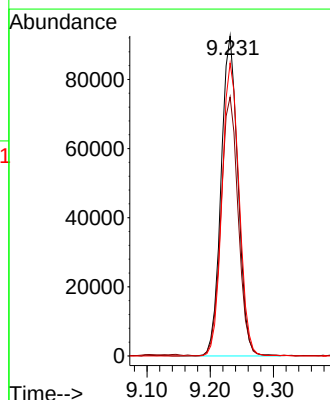
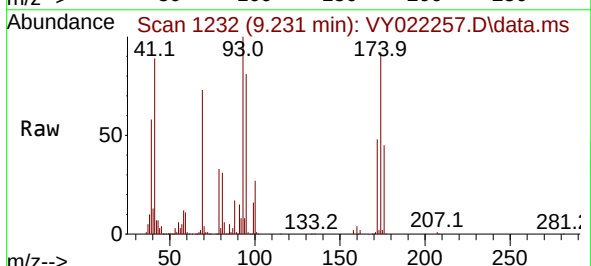
Tgt Ion: 93 Resp: 170712

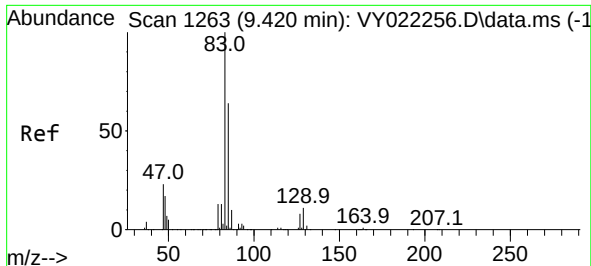
Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

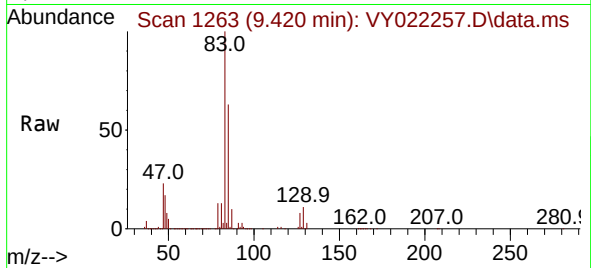
174 92.9 74.3 111.5





#47
Bromodichloromethane
Concen: 102.514 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

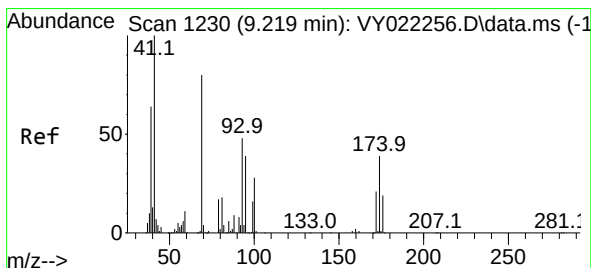
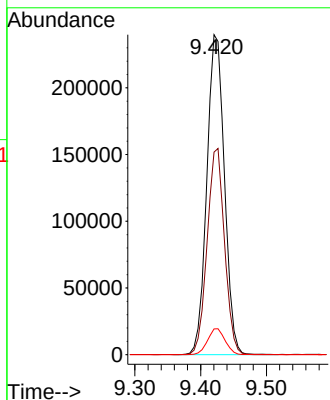
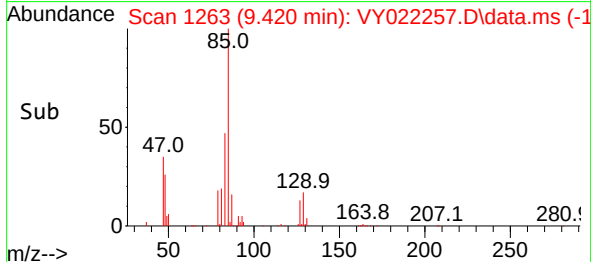
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 446829
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7
127 8.0 6.6 10.0

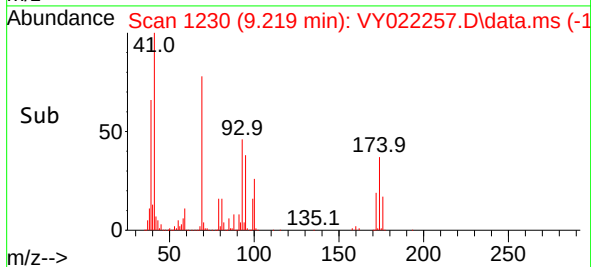
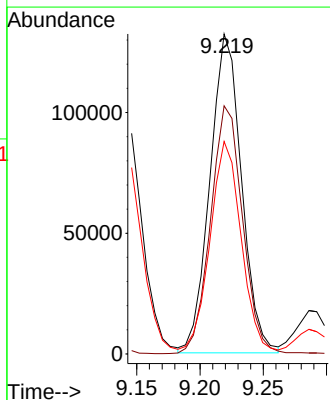
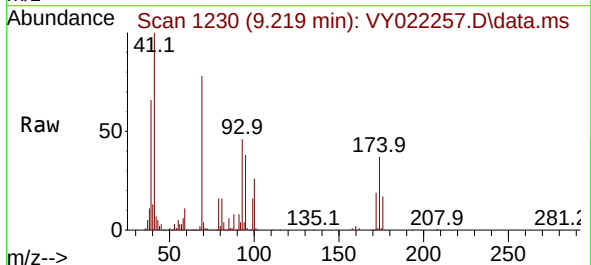
Manual Integrations
APPROVED

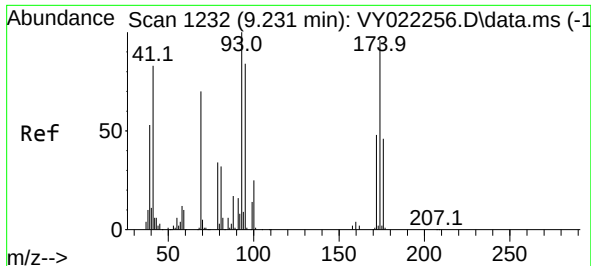
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48
Methyl methacrylate
Concen: 107.308 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion: 41 Resp: 229512
Ion Ratio Lower Upper
41 100
69 78.7 63.5 95.3
39 63.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1990.455 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 37780

Ion Ratio Lower Upper

88 100

43 36.0 28.5 42.7

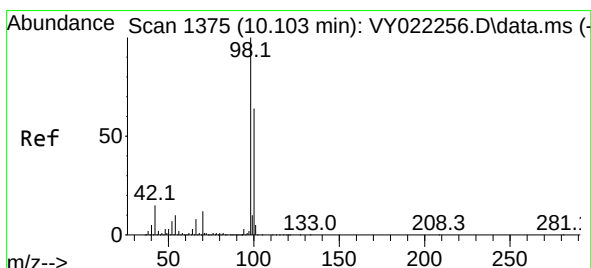
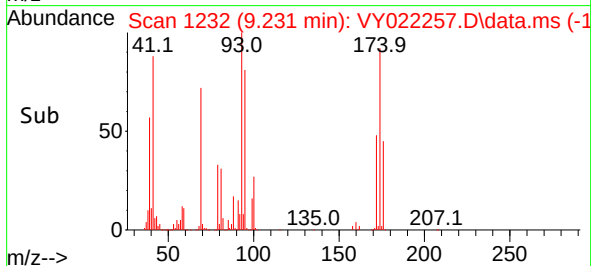
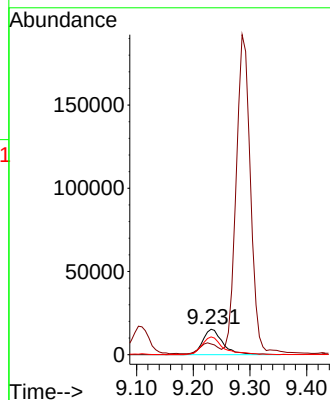
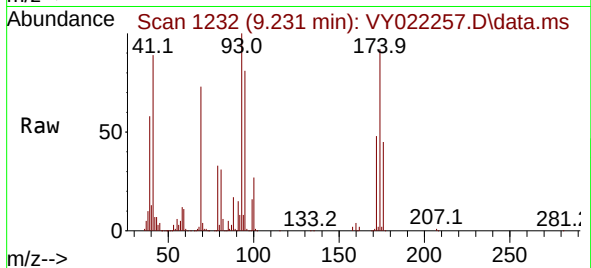
58 75.0 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#50

Toluene-d8

Concen: 99.289 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022257.D

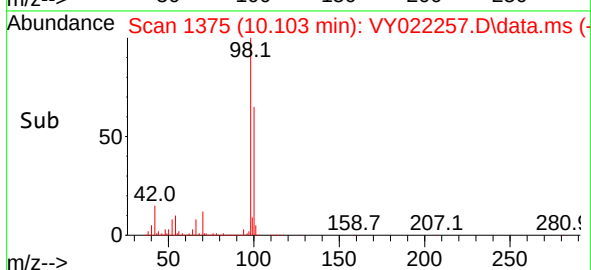
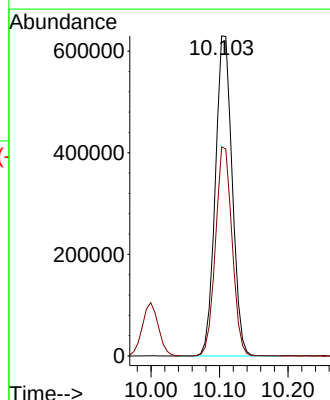
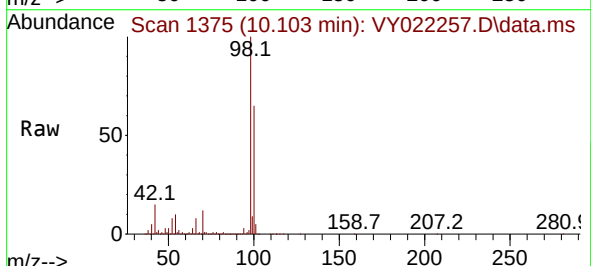
Acq: 15 May 2025 11:24

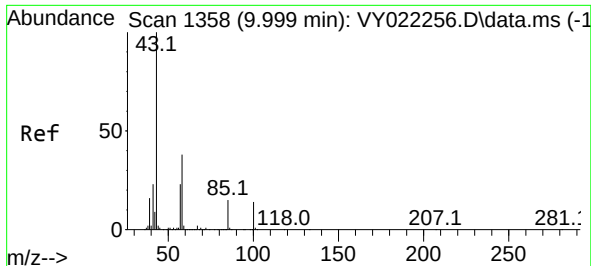
Tgt Ion: 98 Resp: 1076035

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.8





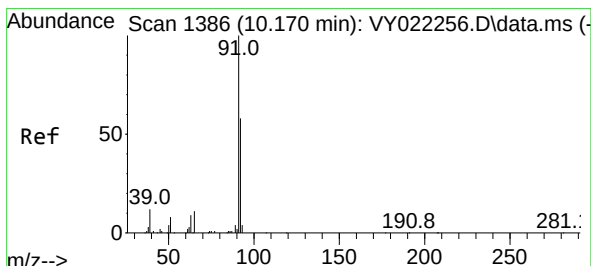
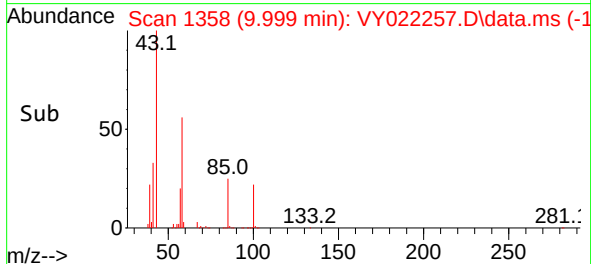
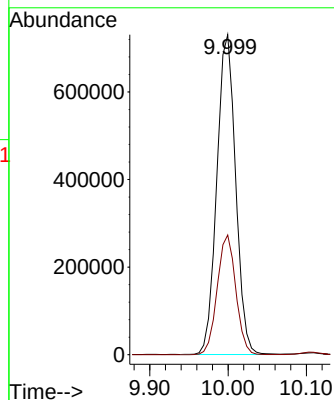
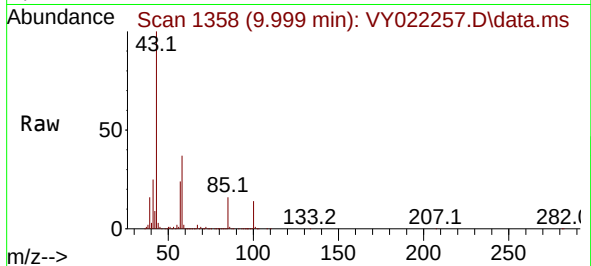
#51
4-Methyl-2-Pentanone
Concen: 543.068 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 121868
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.2

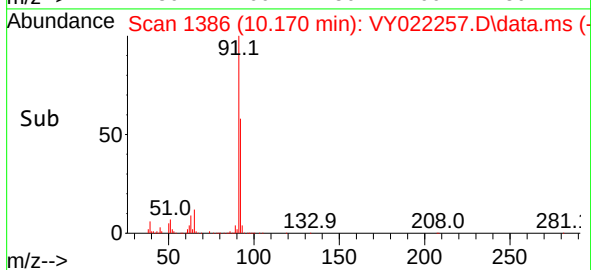
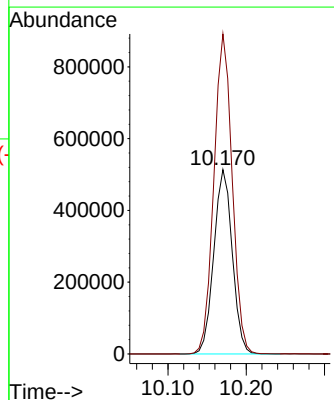
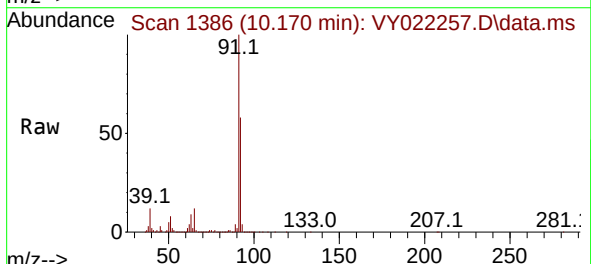
Manual Integrations
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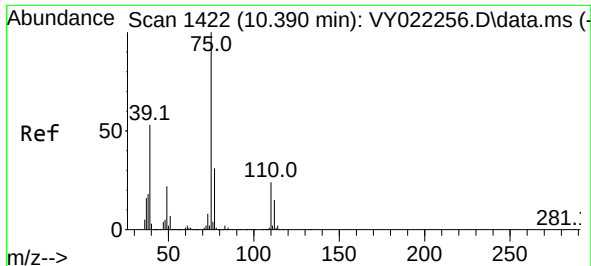
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 102.593 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

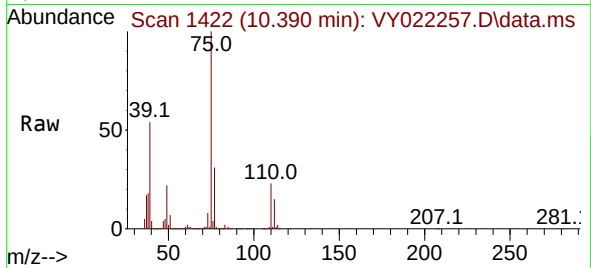
Tgt Ion: 92 Resp: 839400
Ion Ratio Lower Upper
92 100
91 172.5 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 103.832 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

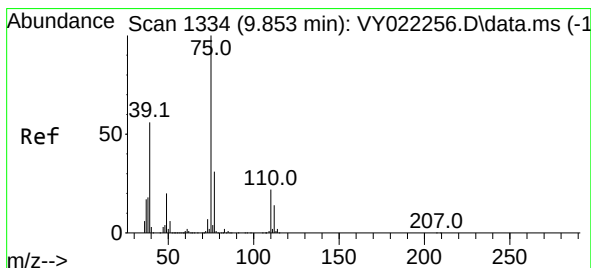
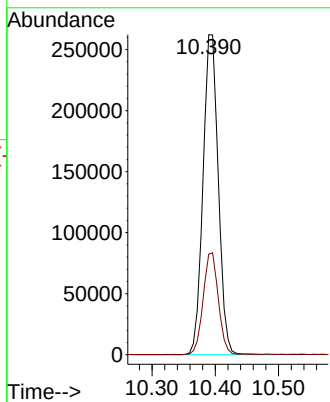
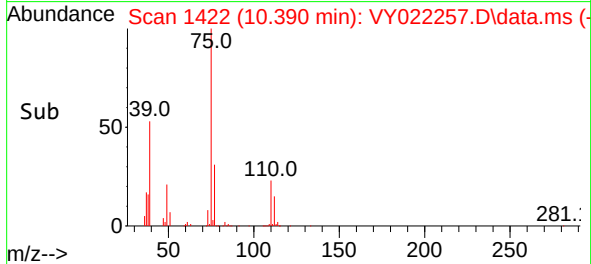
Instrument : MSVOA_Y
ClientSampleId : VSTDIC100



Tgt Ion: 75 Resp: 441672
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6

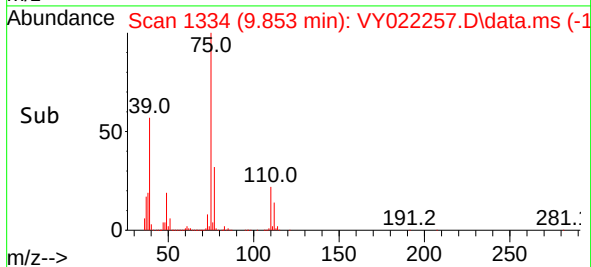
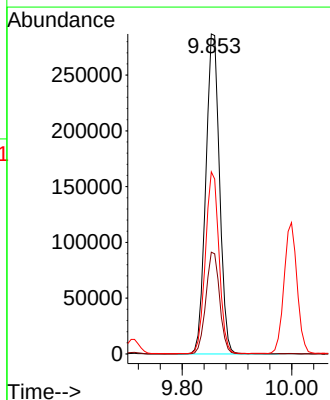
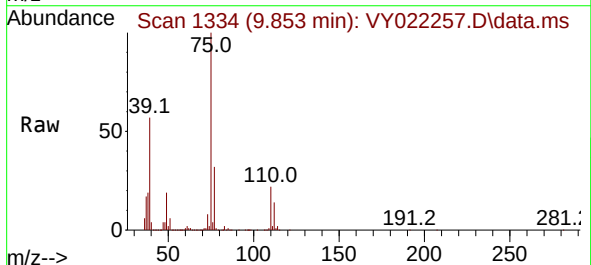
Manual Integrations
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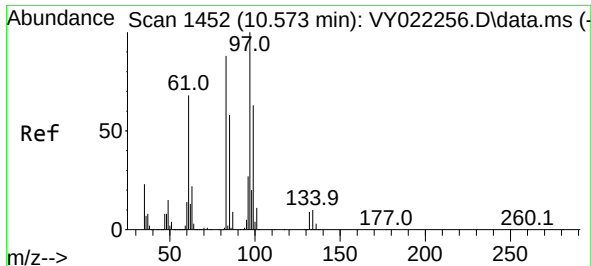
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 102.190 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

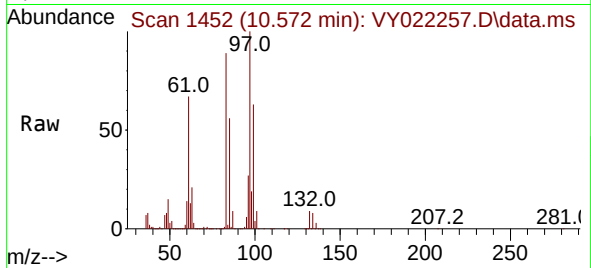
Tgt Ion: 75 Resp: 498023
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
39 56.8 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 102.005 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

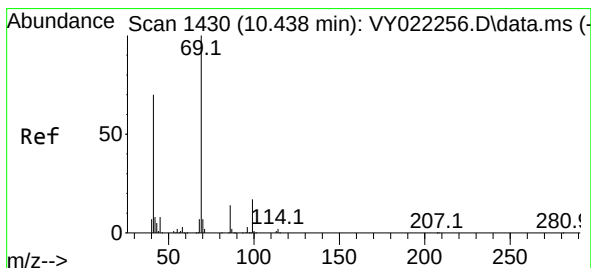
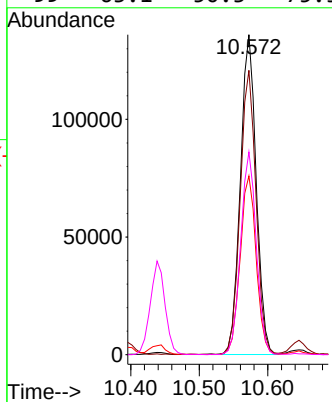
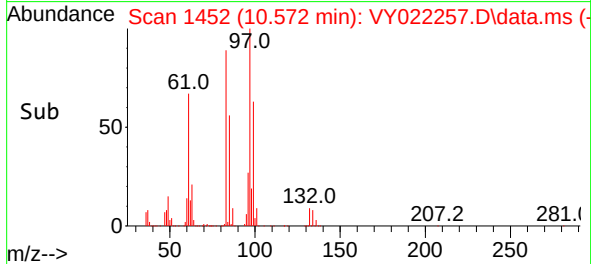
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



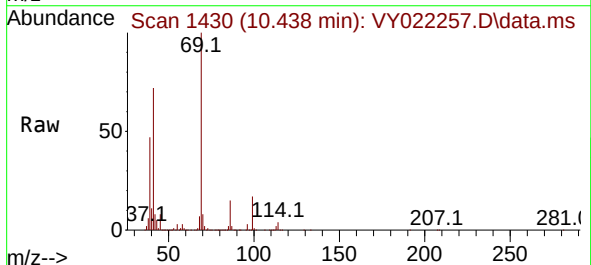
Tgt Ion: 97 Resp: 219460
Ion Ratio Lower Upper
97 100
83 88.8 70.3 105.5
85 55.8 46.2 69.4
99 63.1 50.3 75.5

Manual Integrations
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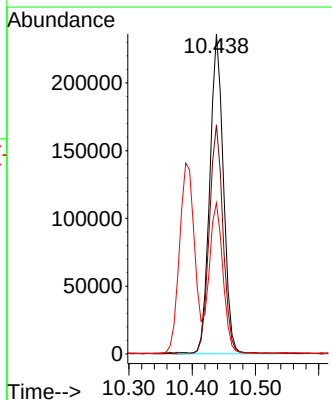
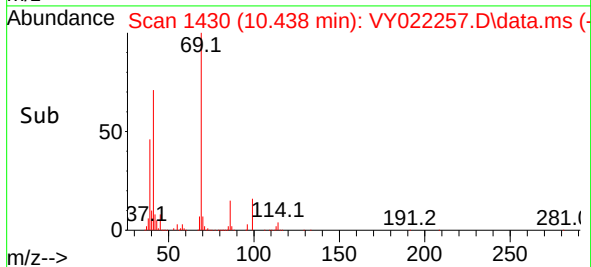
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

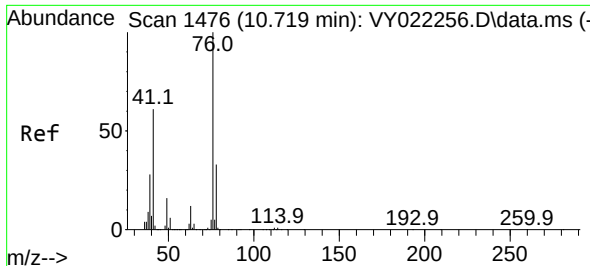


#56
Ethyl methacrylate
Concen: 105.335 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion: 69 Resp: 353013
Ion Ratio Lower Upper
69 100
41 71.7 56.5 84.7
39 47.7 37.1 55.7





#57

1,3-Dichloropropane

Concen: 102.420 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 391514

Ion Ratio Lower Upper

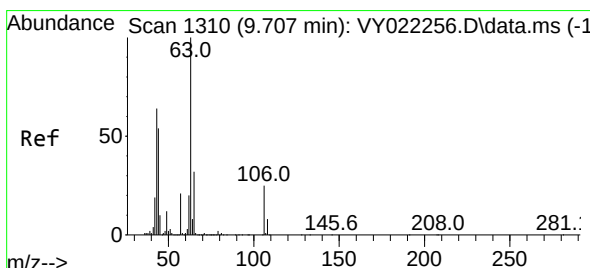
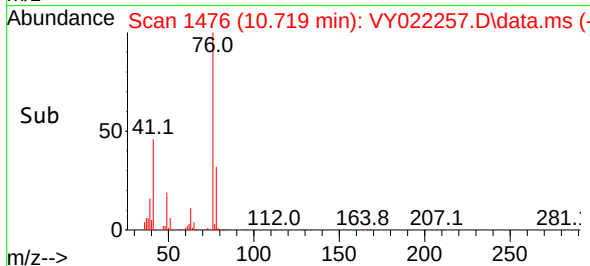
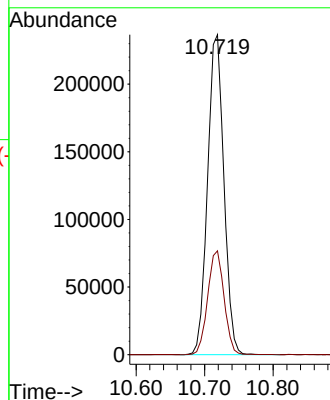
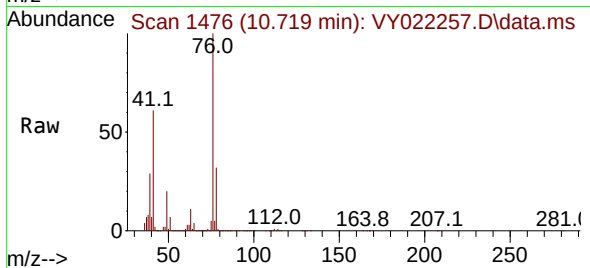
76 100

78 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 580.295 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022257.D

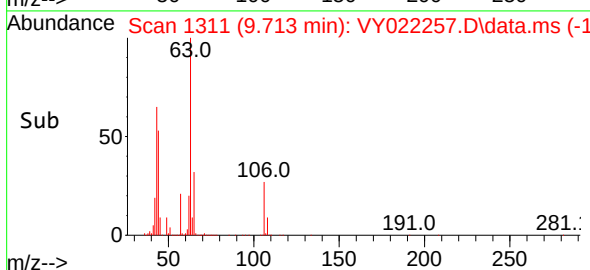
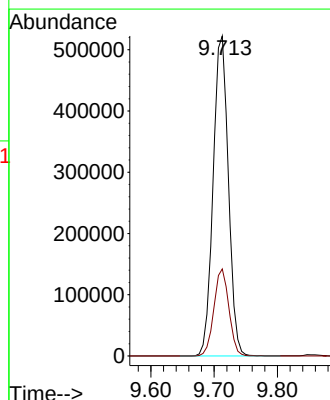
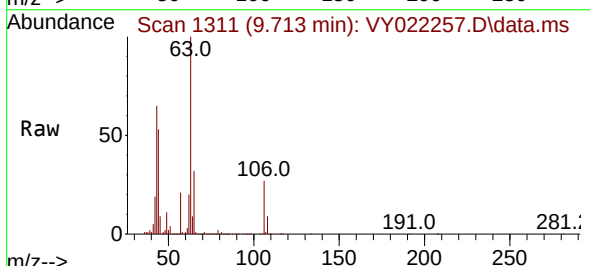
Acq: 15 May 2025 11:24

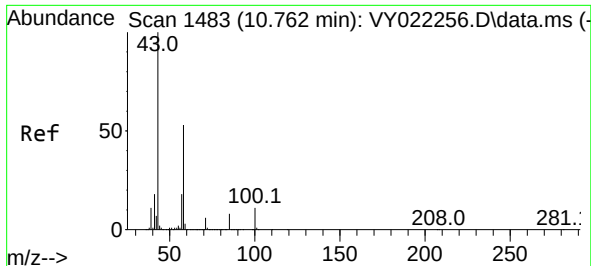
Tgt Ion: 63 Resp: 872907

Ion Ratio Lower Upper

63 100

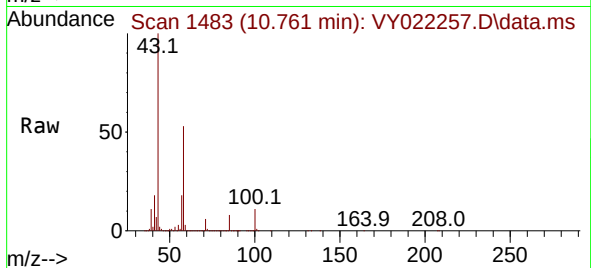
106 26.7 21.0 31.4





#59
2-Hexanone
Concen: 537.872 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

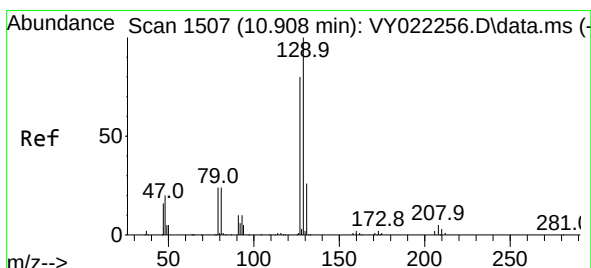
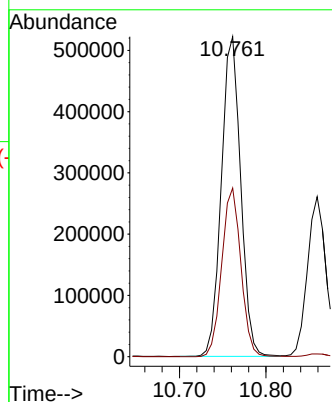
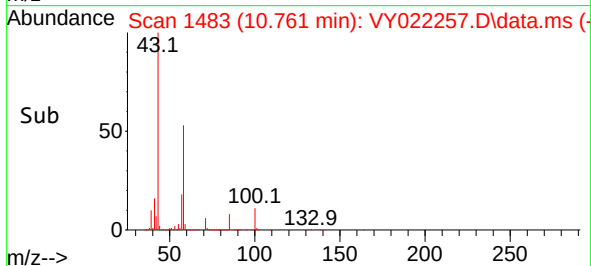
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



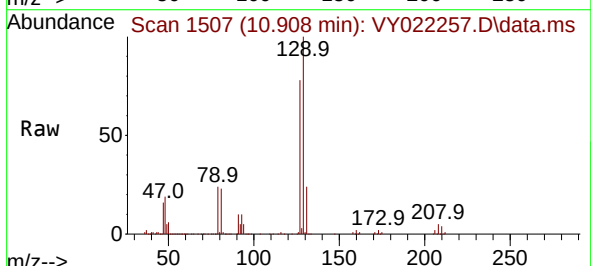
Tgt Ion: 43 Resp: 809288
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.3

Manual Integrations
APPROVED

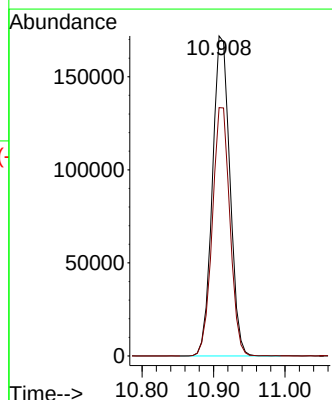
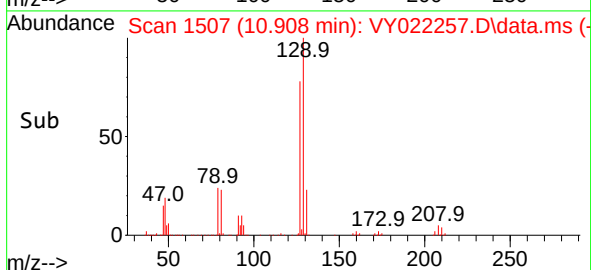
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

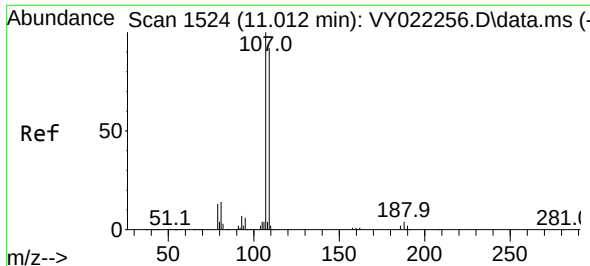


#60
Dibromochloromethane
Concen: 104.616 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



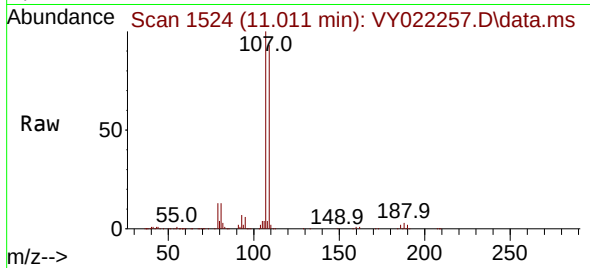
Tgt Ion:129 Resp: 292143
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 103.362 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

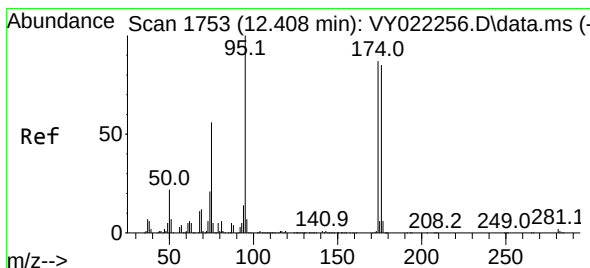
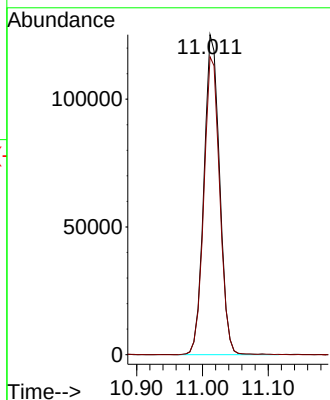
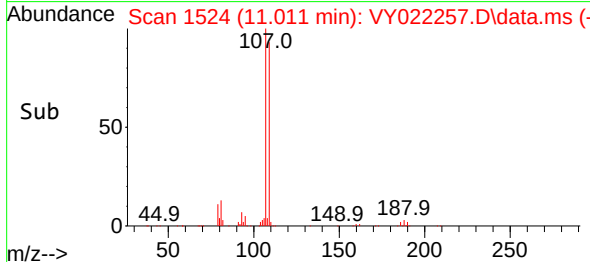
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



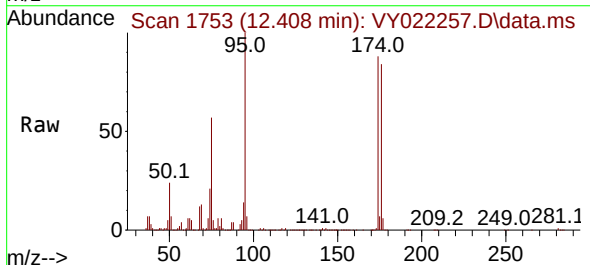
Tgt Ion:107 Resp: 207260
Ion Ratio Lower Upper
107 100
109 94.0 74.6 111.8

Manual Integrations
APPROVED

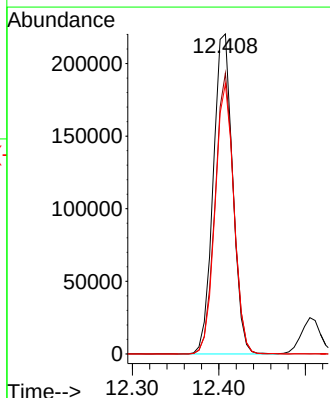
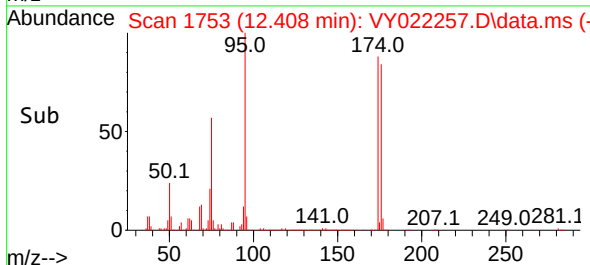
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

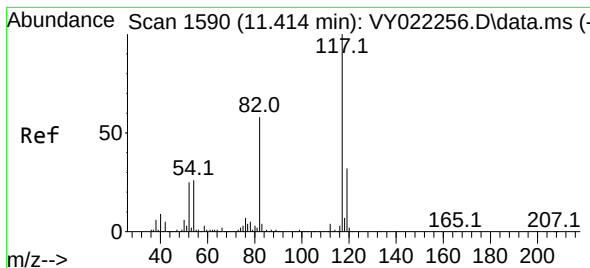


#62
4-Bromofluorobenzene
Concen: 99.968 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



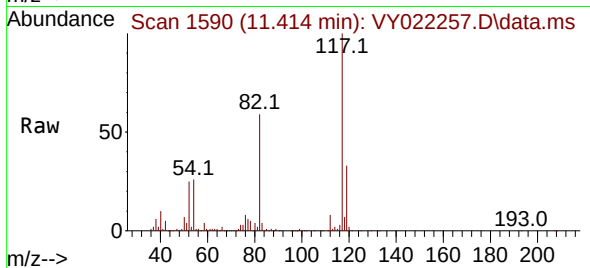
Tgt Ion: 95 Resp: 343397
Ion Ratio Lower Upper
95 100
174 84.2 0.0 166.8
176 81.7 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

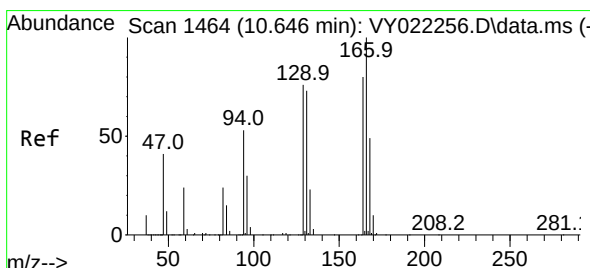
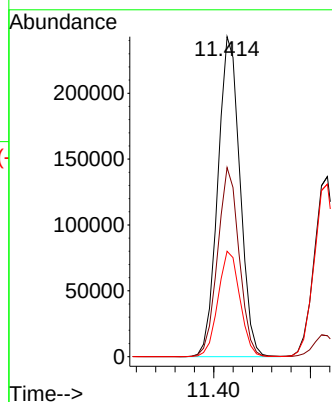
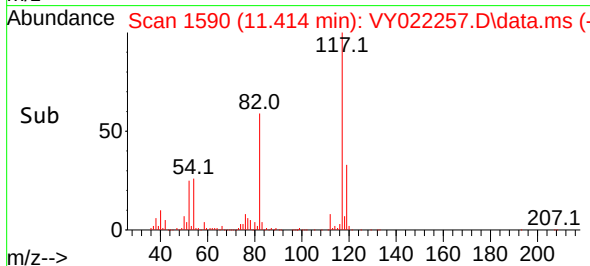
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



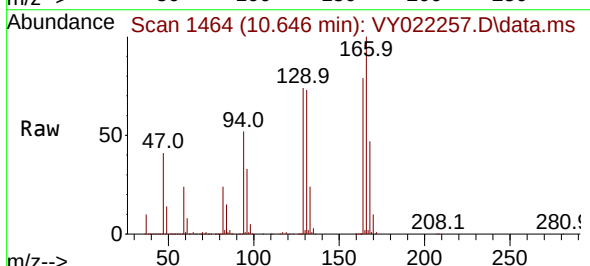
Tgt Ion:117 Resp: 385348
Ion Ratio Lower Upper
117 100
82 59.1 46.6 70.0
119 33.0 25.8 38.6

Manual Integrations
APPROVED

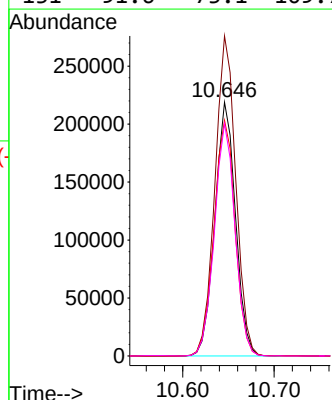
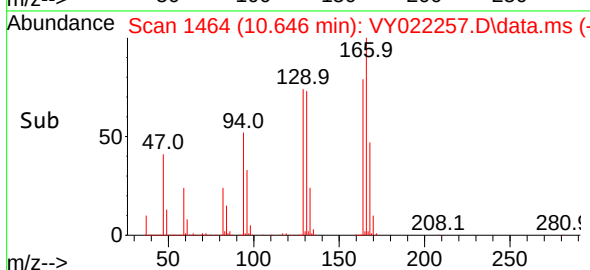
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

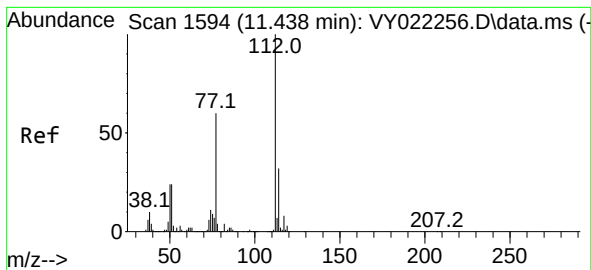


#64
Tetrachloroethene
Concen: 96.489 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



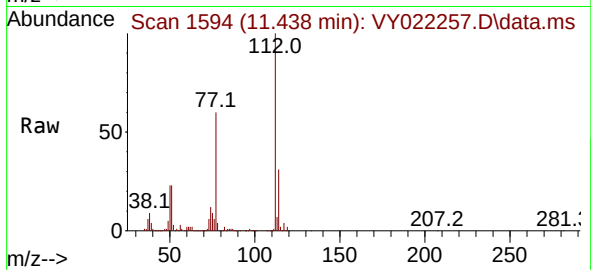
Tgt Ion:164 Resp: 343677
Ion Ratio Lower Upper
164 100
166 126.1 100.4 150.6
129 92.9 76.4 114.6
131 91.6 73.1 109.7





#65
Chlorobenzene
Concen: 101.346 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

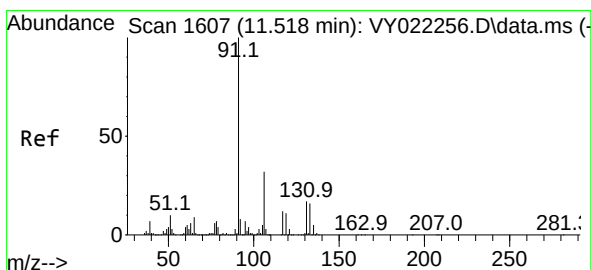
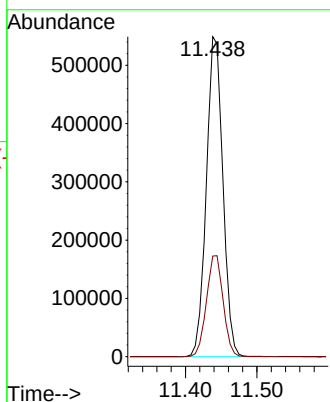
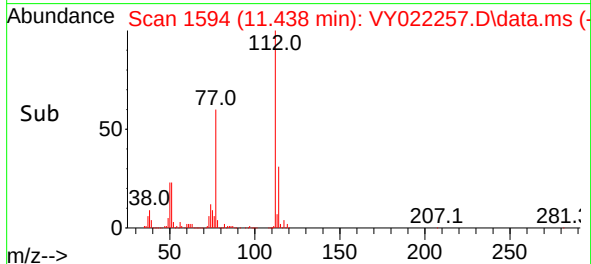
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



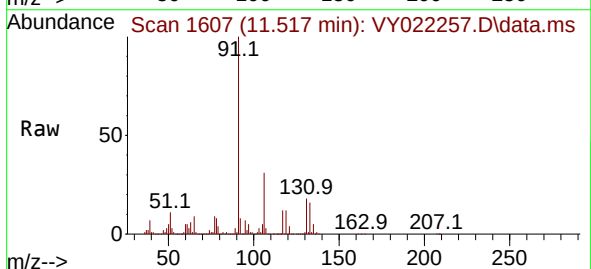
Tgt Ion:112 Resp: 881080
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

Manual Integrations
APPROVED

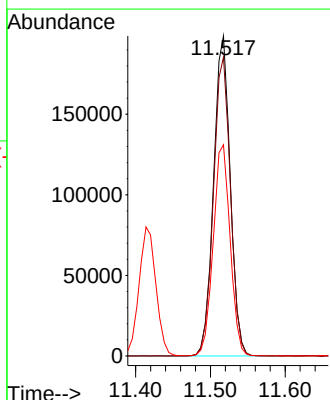
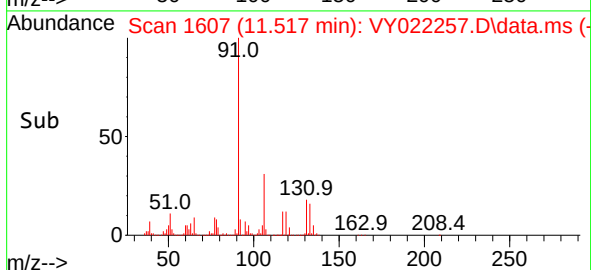
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

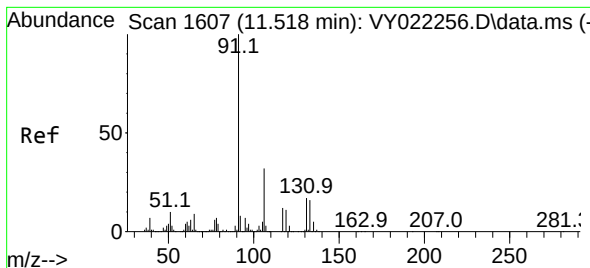


#66
1,1,1,2-Tetrachloroethane
Concen: 103.007 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



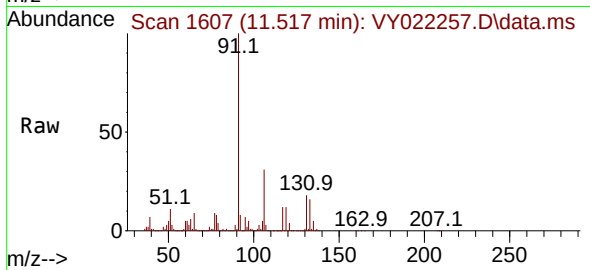
Tgt Ion:131 Resp: 307866
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 67.2 33.1 99.2





#67
Ethyl Benzene
Concen: 102.836 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

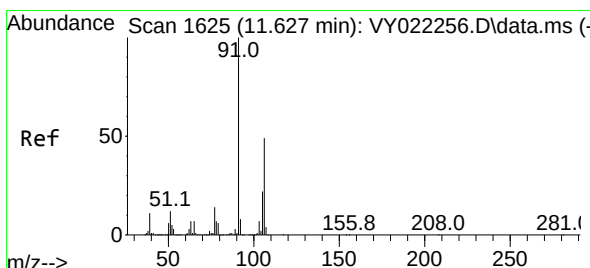
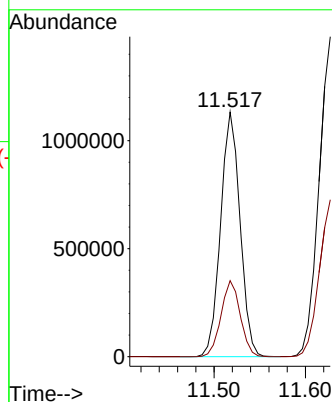
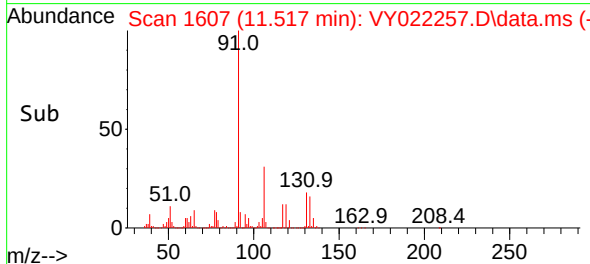
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



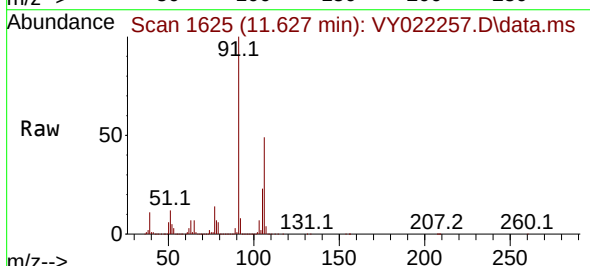
Tgt Ion: 91 Resp: 167435
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

Manual Integrations
APPROVED

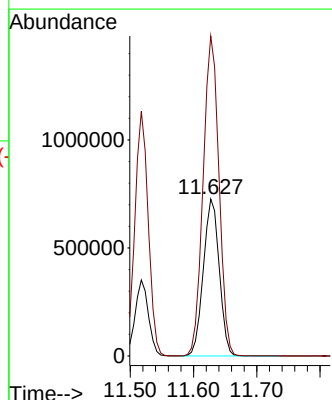
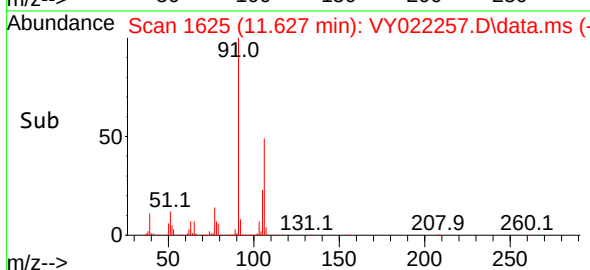
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

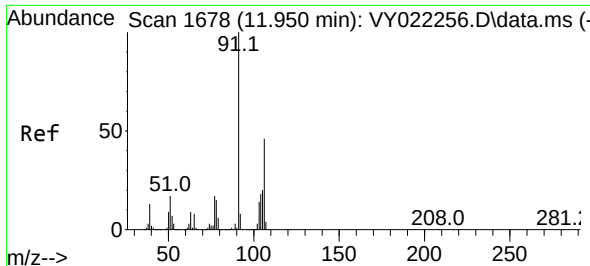


#68
m/p-Xylenes
Concen: 207.213 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



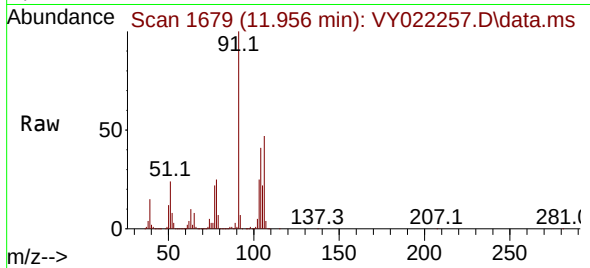
Tgt Ion:106 Resp: 1271299
Ion Ratio Lower Upper
106 100
91 203.2 163.0 244.4





#69
o-Xylene
Concen: 103.777 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

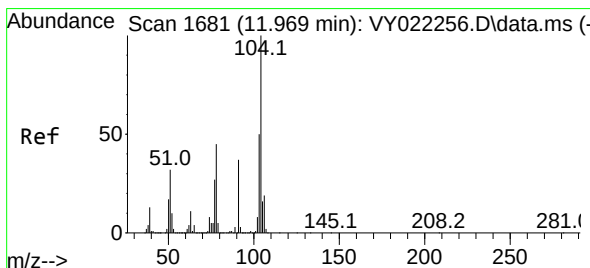
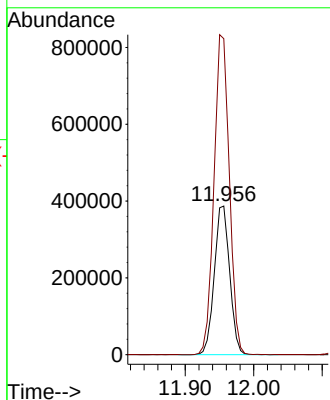
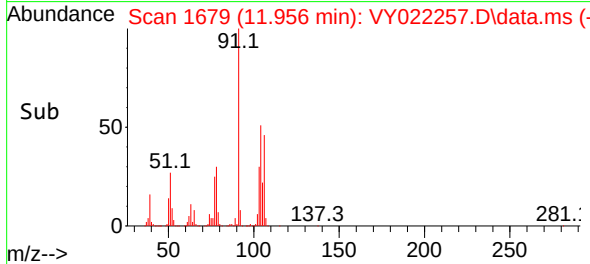
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:106 Resp: 602390
Ion Ratio Lower Upper
106 100
91 214.7 108.3 324.8

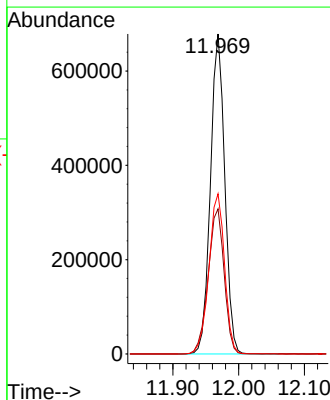
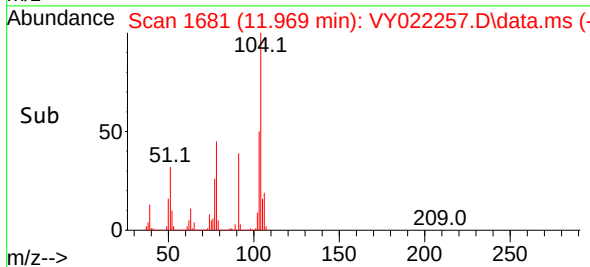
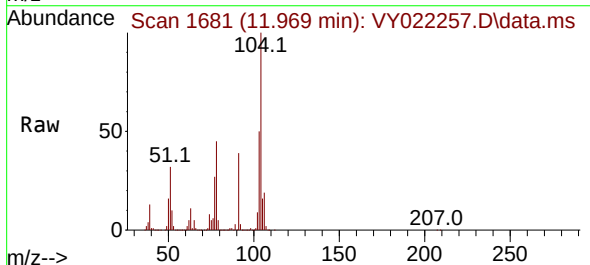
Manual Integrations
APPROVED

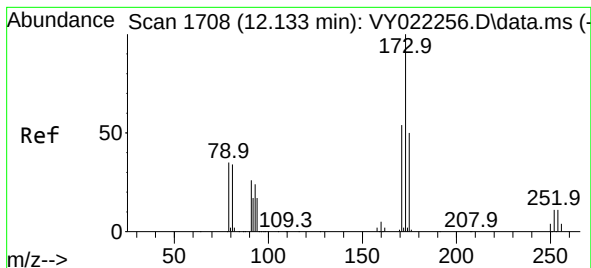
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 105.038 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Tgt Ion:104 Resp: 1028498
Ion Ratio Lower Upper
104 100
78 50.6 40.9 61.3
103 54.7 43.7 65.5





#71

Bromoform

Concen: 104.561 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:173 Resp: 168679

Ion Ratio Lower Upper

173 100

175 48.6 24.7 74.1

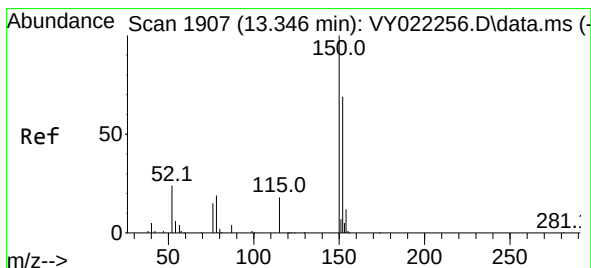
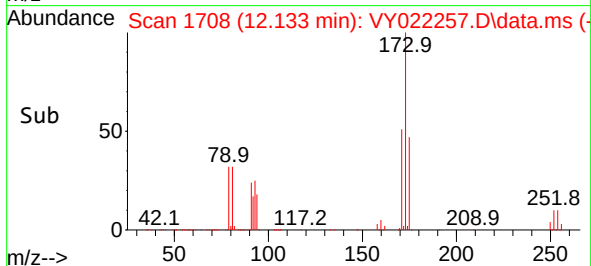
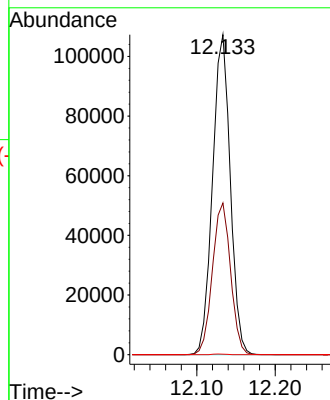
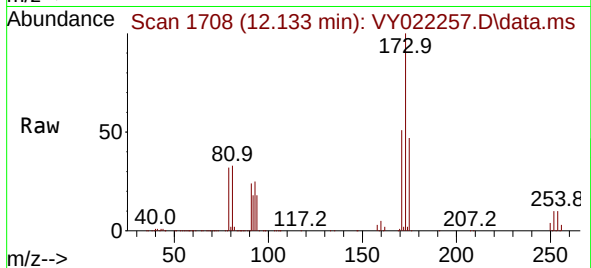
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

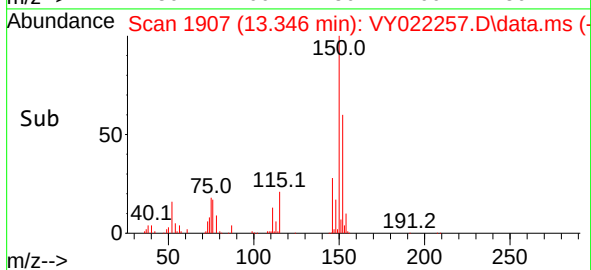
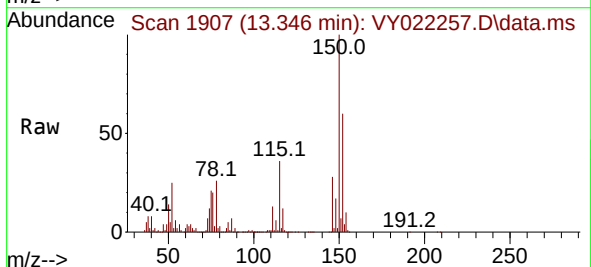
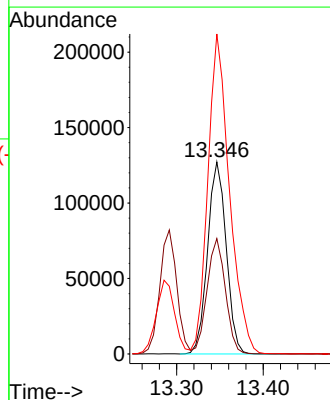
Tgt Ion:152 Resp: 189780

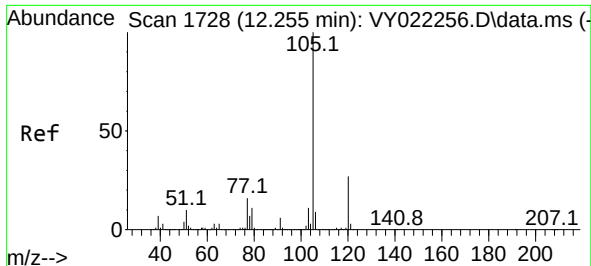
Ion Ratio Lower Upper

152 100

115 59.1 29.4 88.2

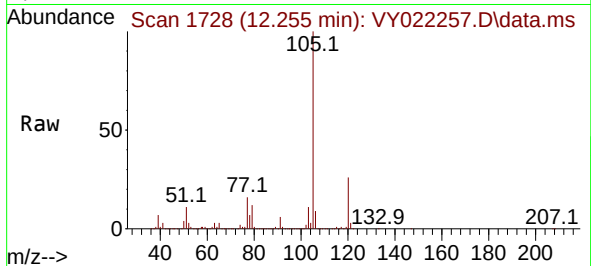
150 193.1 0.0 353.8





#73
Isopropylbenzene
Concen: 97.241 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

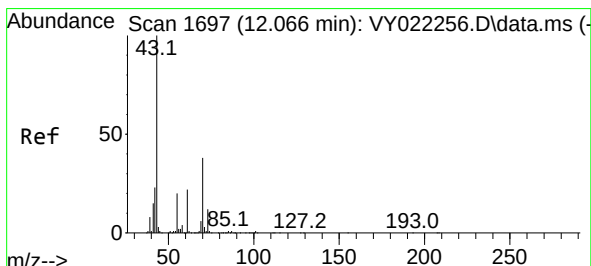
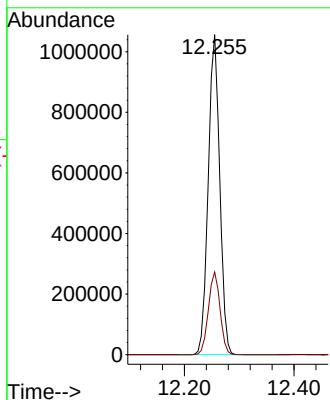
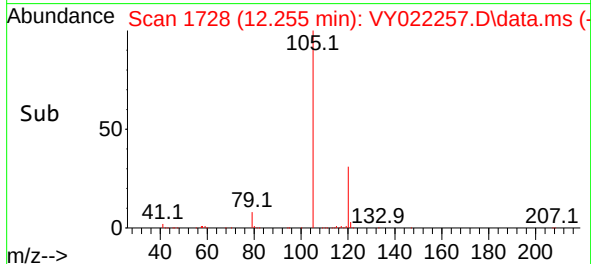
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



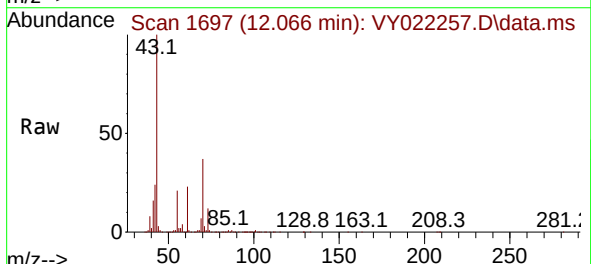
Tgt Ion:105 Resp: 152885
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

Manual Integrations
APPROVED

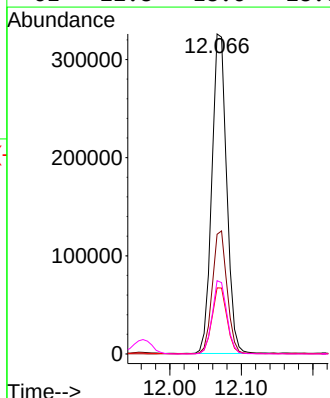
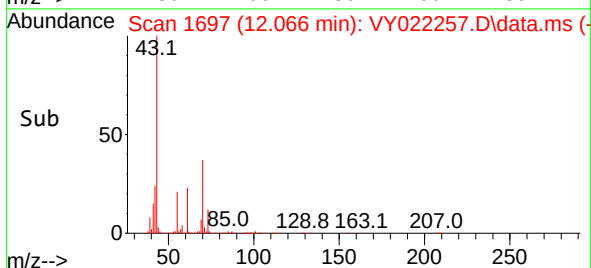
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

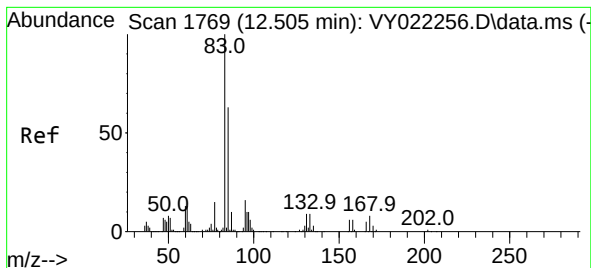


#74
N-ethyl acetate
Concen: 104.235 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



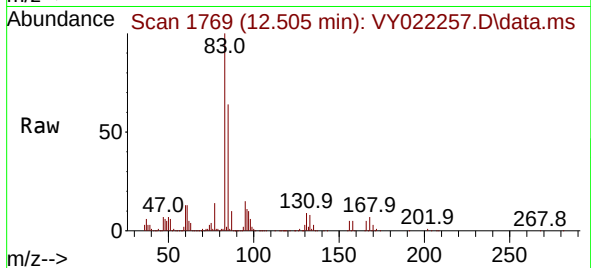
Tgt Ion: 43 Resp: 468707
Ion Ratio Lower Upper
43 100
70 38.2 31.4 47.0
55 20.8 17.0 25.6
61 22.8 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 101.255 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

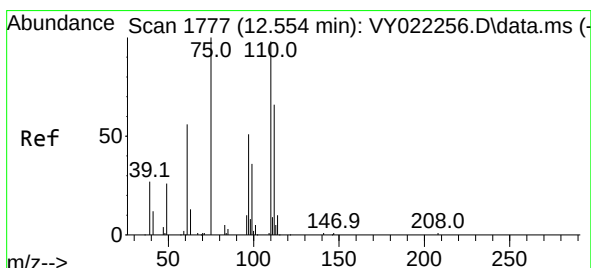
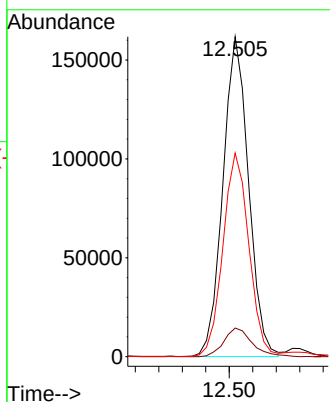
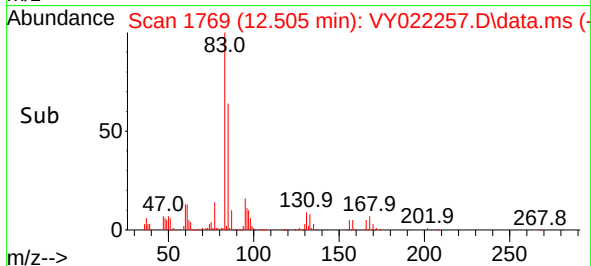
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



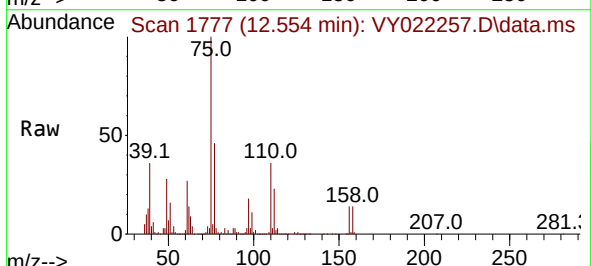
Tgt Ion: 83 Resp: 244830
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.4 32.0 96.0

Manual Integrations
APPROVED

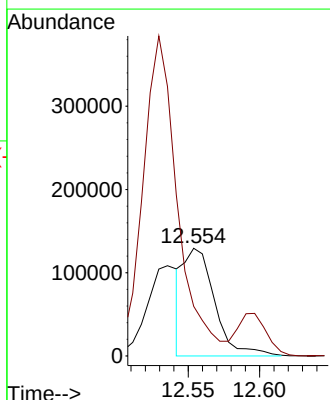
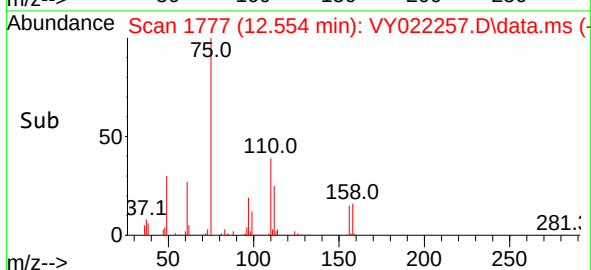
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

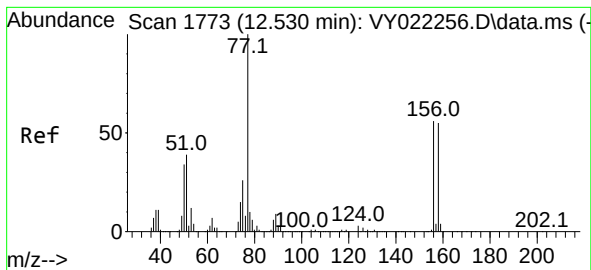


#76
1,2,3-Trichloropropane
Concen: 59.078 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



Tgt Ion: 75 Resp: 197600
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 100.456 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

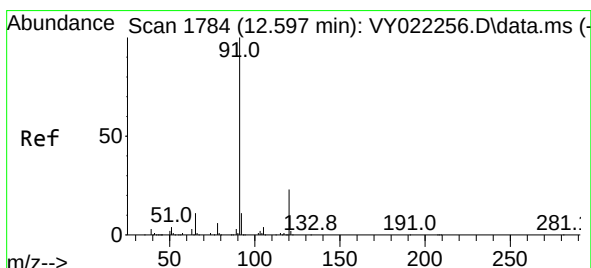
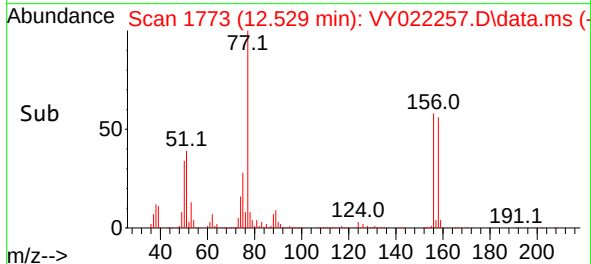
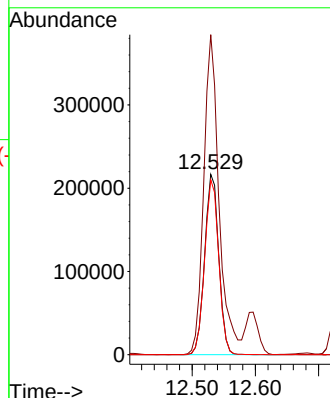
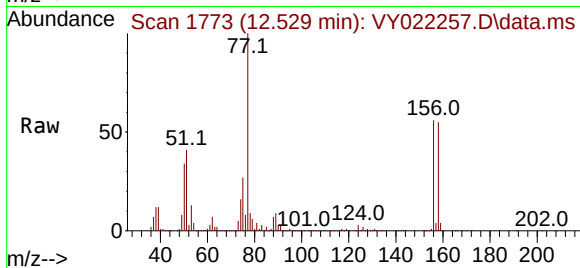
VSTDIC100

Tgt Ion:	156	Resp:	337329
Ion Ratio	Lower	Upper	
156	100		
77	190.3	94.5	283.6
158	96.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78

n-propylbenzene

Concen: 97.365 ug/l

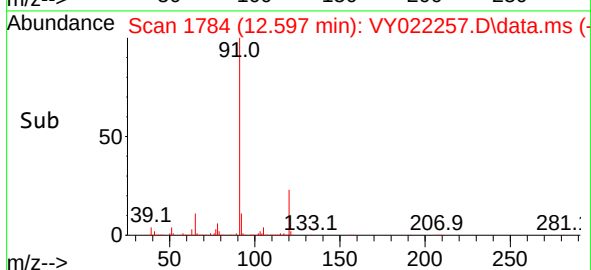
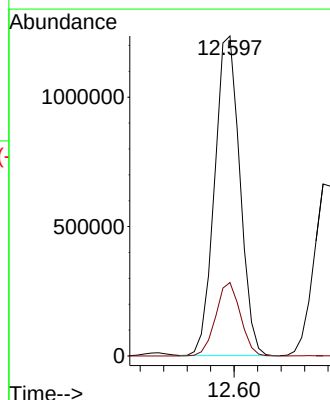
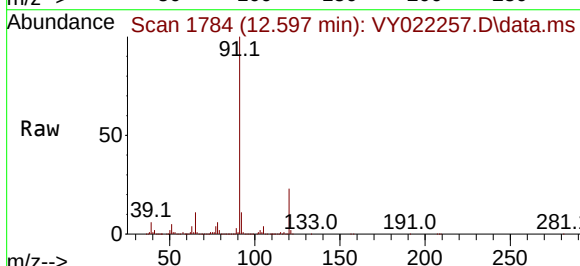
RT: 12.597 min Scan# 1784

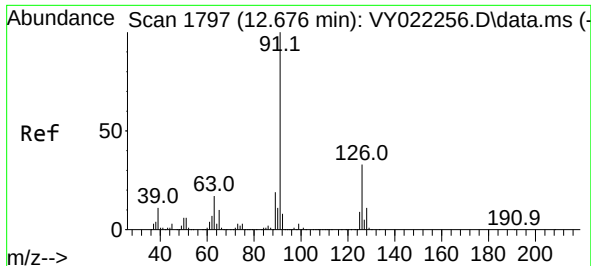
Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Tgt Ion:	91	Resp:	1846449
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.3





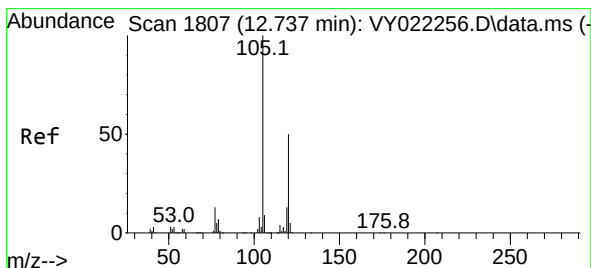
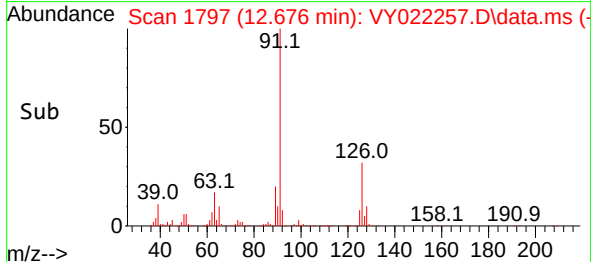
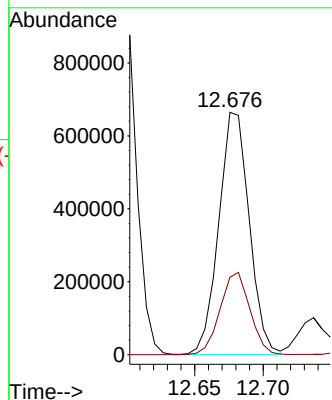
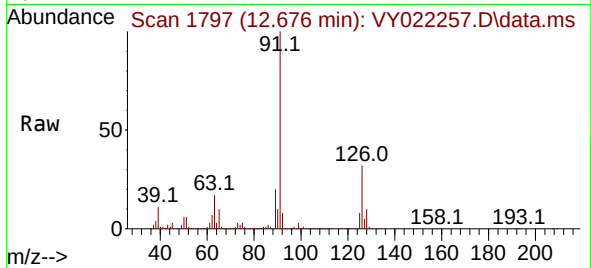
#79
2-Chlorotoluene
Concen: 98.488 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 102640
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.4

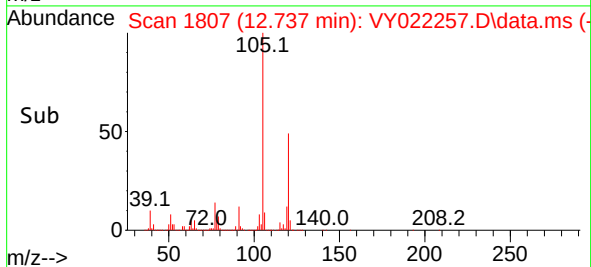
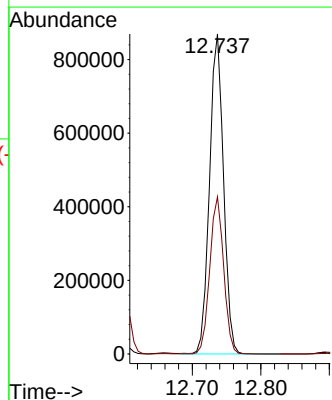
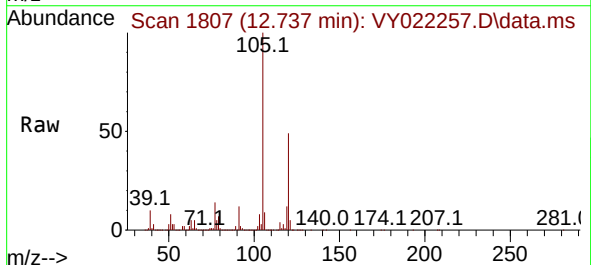
Manual Integrations
APPROVED

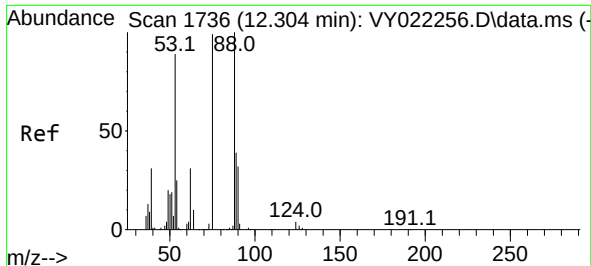
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 97.216 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

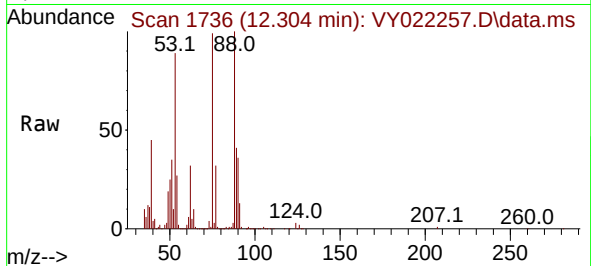
Tgt Ion:105 Resp: 1233838
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 98.251 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

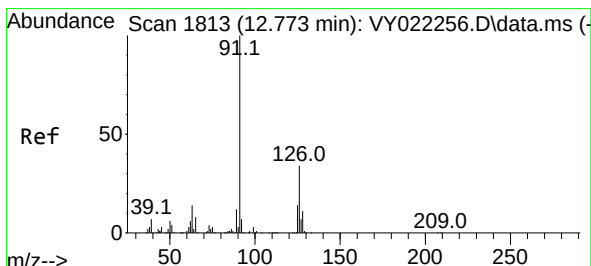
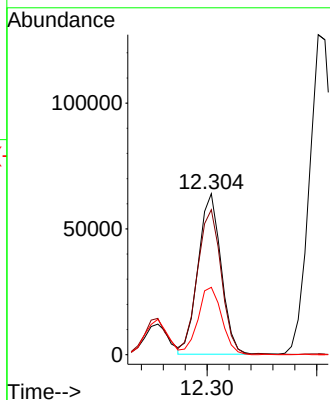
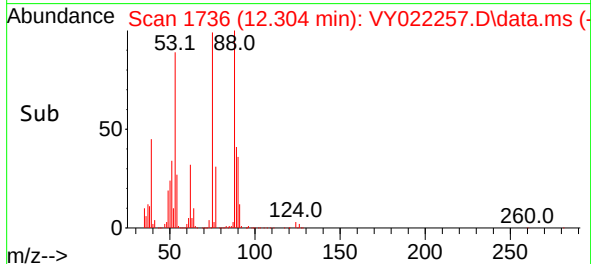
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 93252
Ion Ratio Lower Upper
75 100
53 92.8 75.8 113.8
89 43.5 36.2 54.2

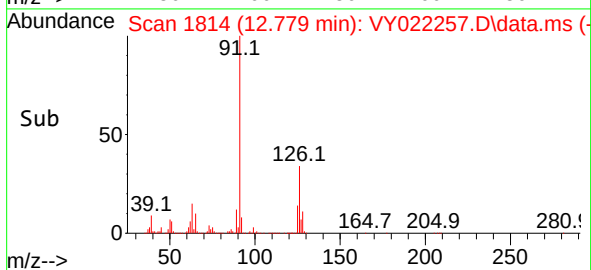
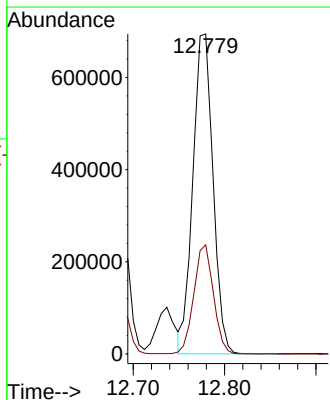
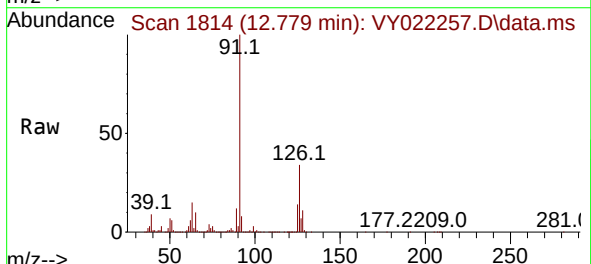
Manual Integrations
APPROVED

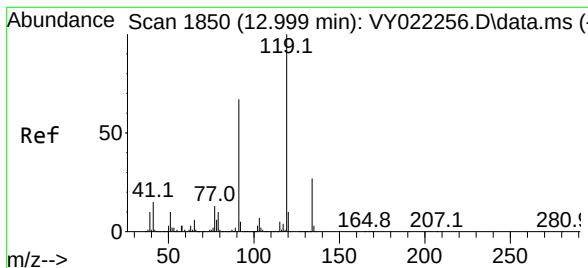
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 99.052 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

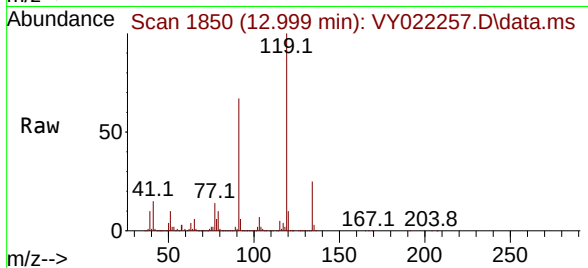
Tgt Ion: 91 Resp: 1061772
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.4





#83
tert-Butylbenzene
Concen: 96.859 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

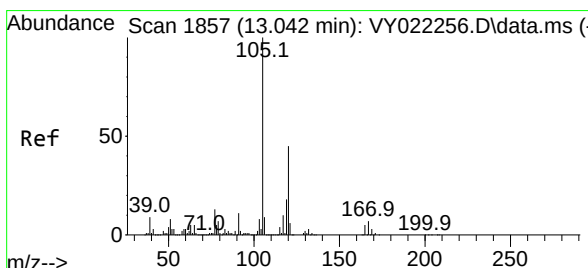
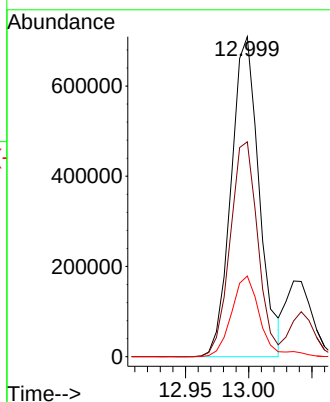
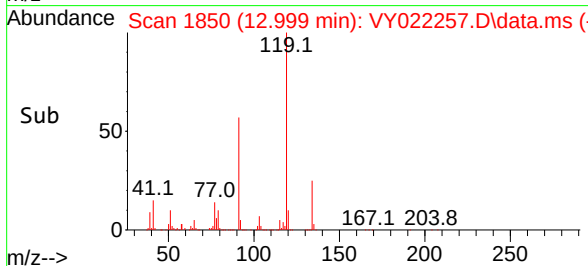
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



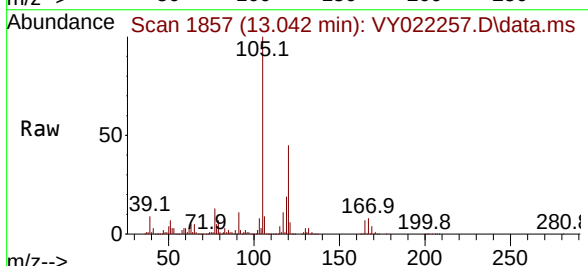
Tgt Ion:119 Resp: 109261
Ion Ratio Lower Upper
119 100
91 66.3 32.8 98.3
134 25.8 12.9 38.6

Manual Integrations
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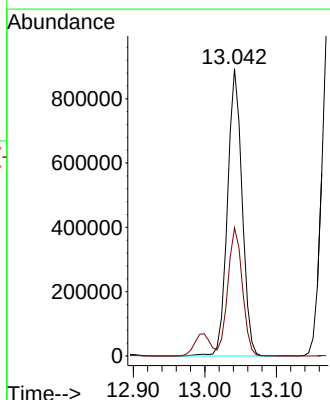
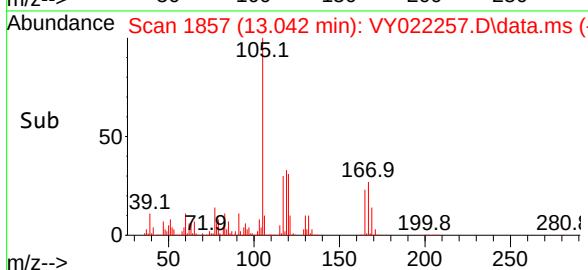
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

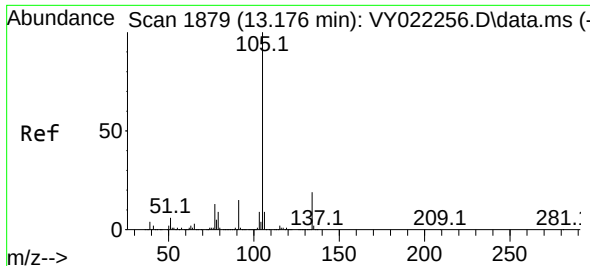


#84
1,2,4-Trimethylbenzene
Concen: 100.297 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24



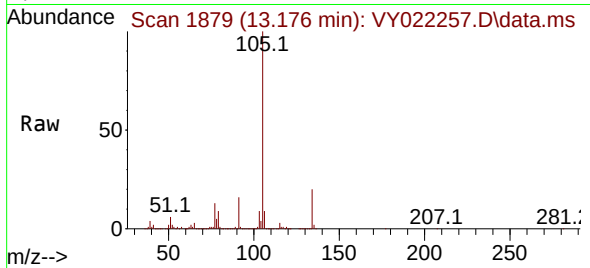
Tgt Ion:105 Resp: 1263612
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 97.623 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

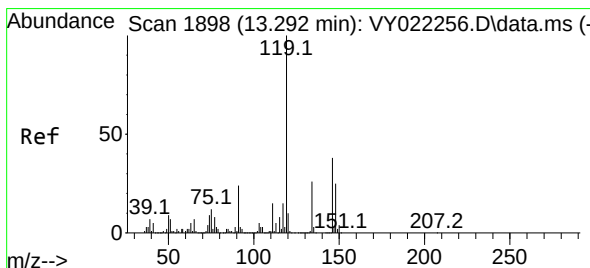
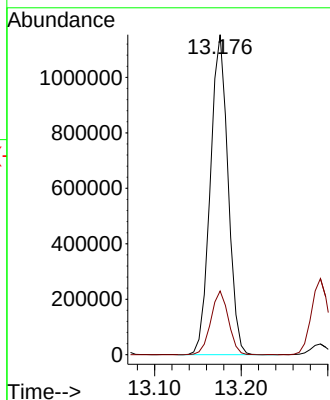
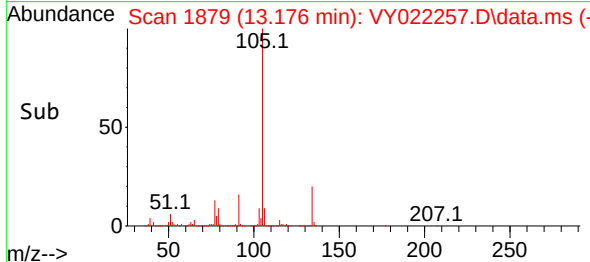
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



Tgt Ion:105 Resp: 1634720
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

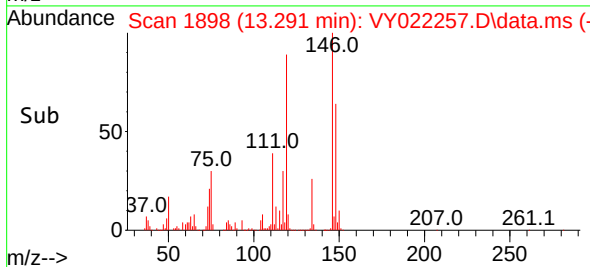
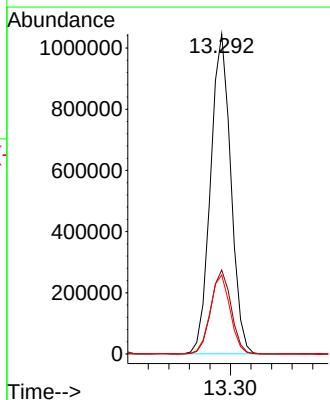
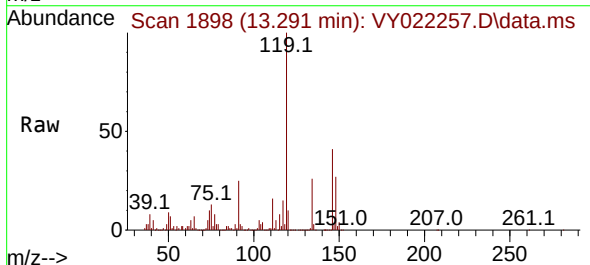
Manual Integrations
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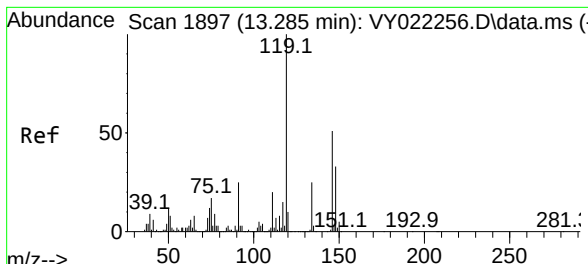
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#86
 p-Isopropyltoluene
 Concen: 101.161 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

Tgt Ion:119 Resp: 1424684
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.4 12.1 36.3





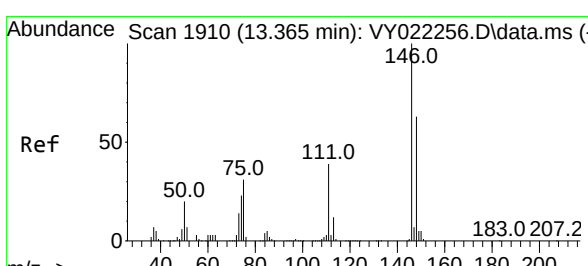
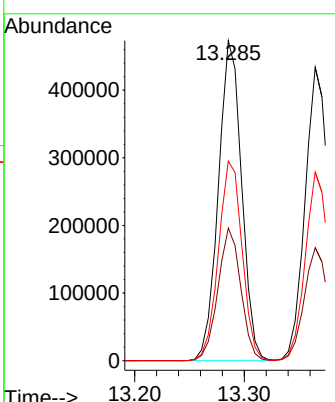
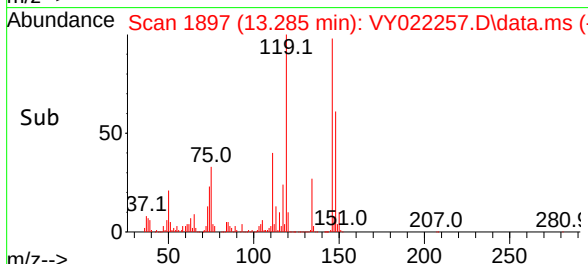
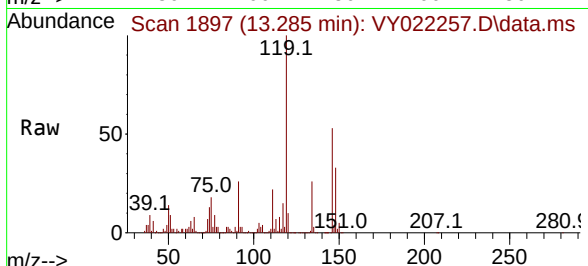
#87
 1,3-Dichlorobenzene
 Concen: 101.803 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

Instrument : MSVOA_Y
 ClientSampleId : VSTDIC100

Tgt Ion:146 Resp: 69786

Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	63.6	31.9	95.7

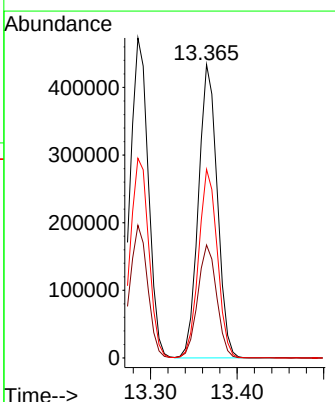
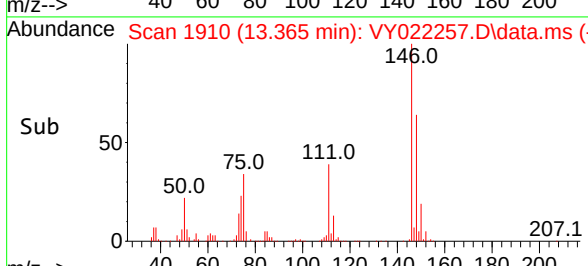
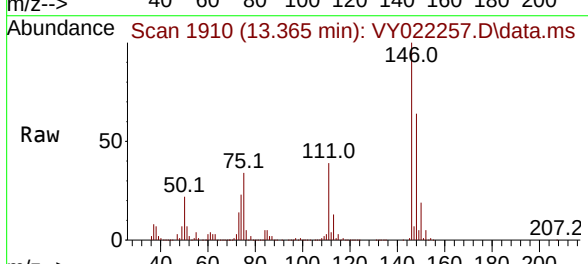
Manual Integrations
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 Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

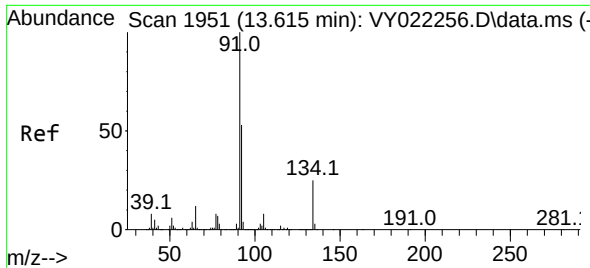


#88
 1,4-Dichlorobenzene
 Concen: 99.199 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

Tgt Ion:146 Resp: 654104

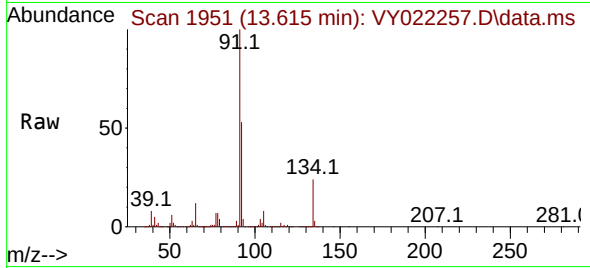
Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.0	59.9
148	63.7	32.1	96.5





#89
n-Butylbenzene
Concen: 98.327 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

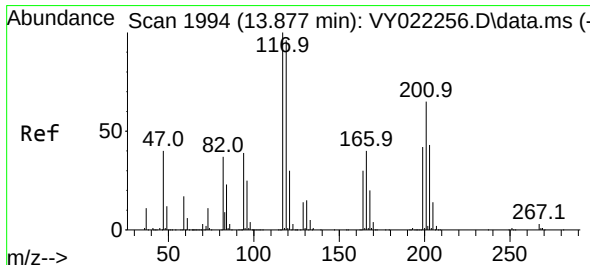
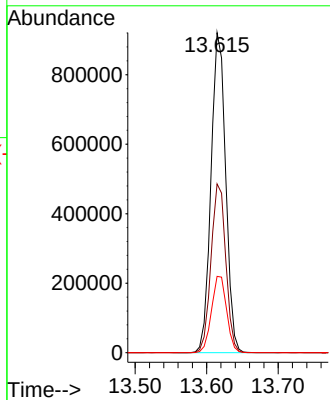
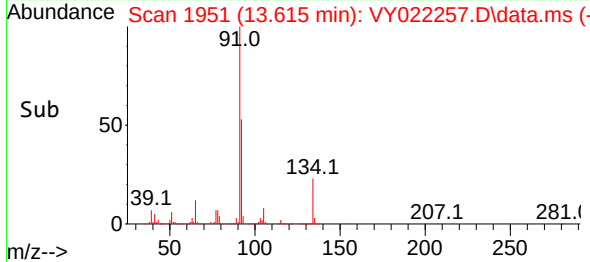
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 131006
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 24.6 12.4 37.4

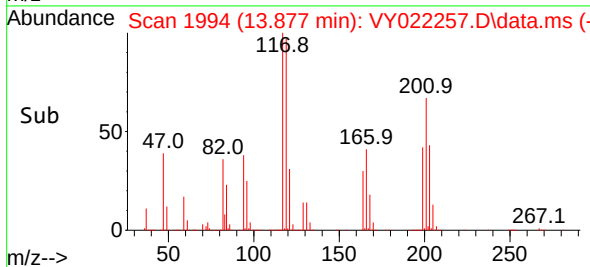
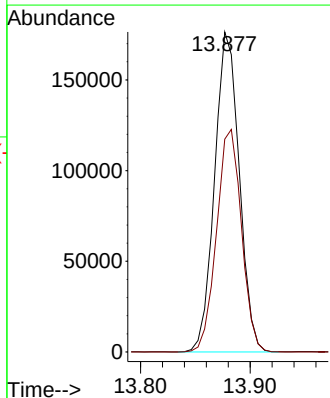
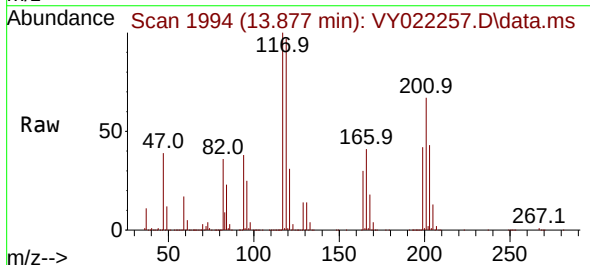
Manual Integrations
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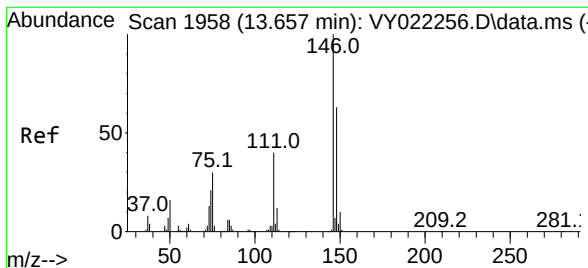
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90
Hexachloroethane
Concen: 96.961 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022257.D
Acq: 15 May 2025 11:24

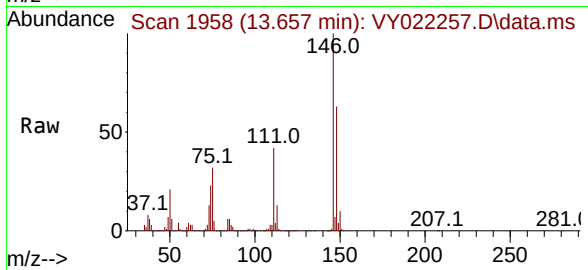
Tgt Ion:117 Resp: 275652
Ion Ratio Lower Upper
117 100
201 70.4 35.2 105.6





#91
 1,2-Dichlorobenzene
 Concen: 100.192 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24

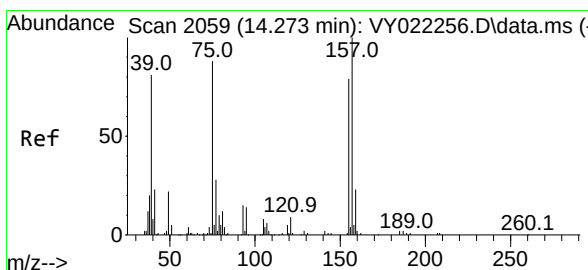
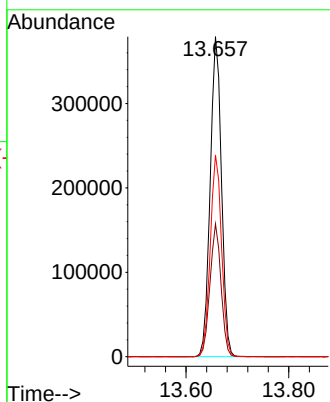
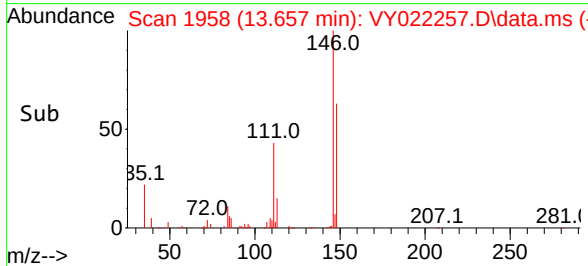
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



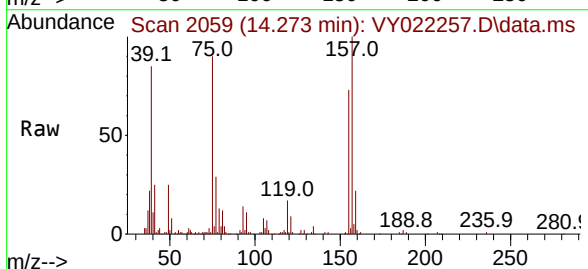
Tgt Ion:146 Resp: 576915
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.5 61.5
 148 63.2 32.0 96.0

Manual Integrations
 APPROVED

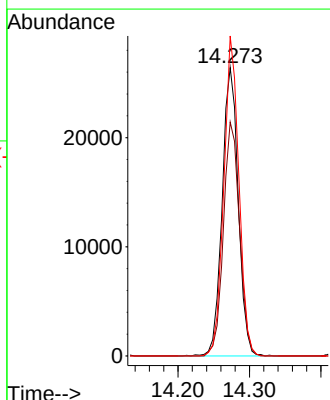
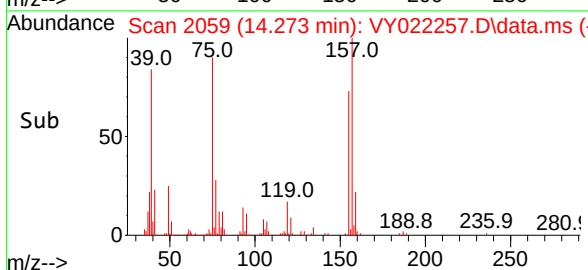
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

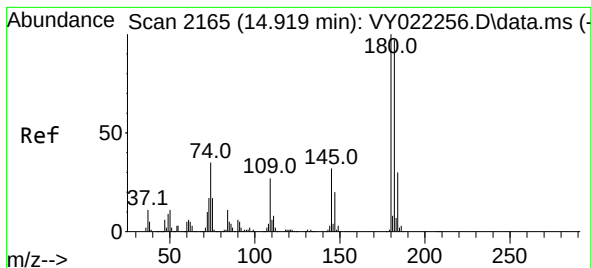


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 105.859 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022257.D
 Acq: 15 May 2025 11:24



Tgt Ion: 75 Resp: 41275
 Ion Ratio Lower Upper
 75 100
 155 81.3 43.4 130.1
 157 104.0 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 103.107 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:180 Resp: 342939

Ion Ratio Lower Upper

180 100

182 95.8 48.0 144.0

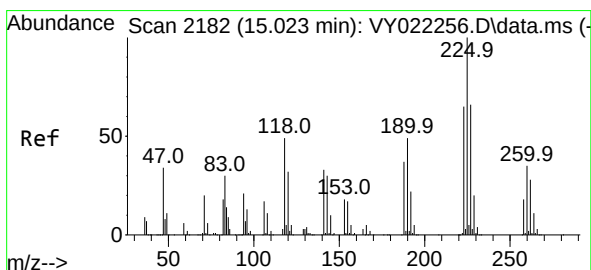
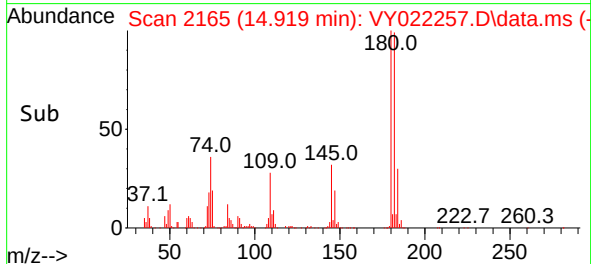
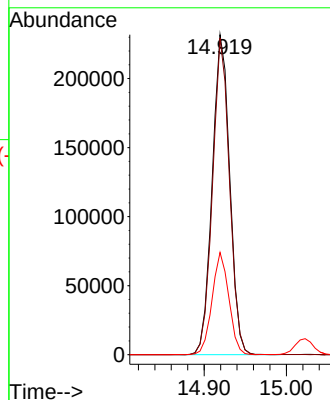
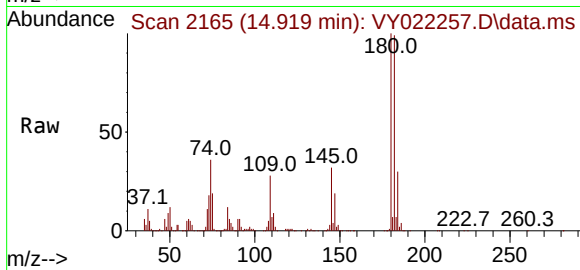
145 30.7 15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

Concen: 97.075 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

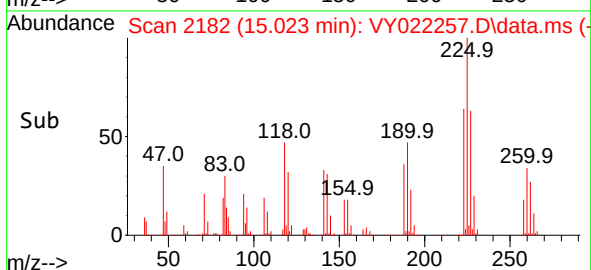
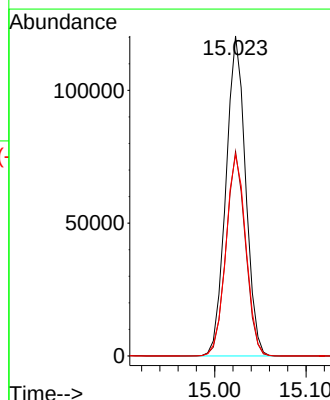
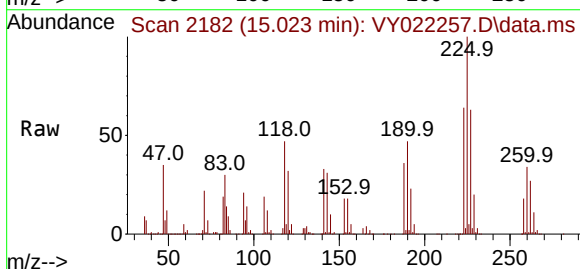
Tgt Ion:225 Resp: 180060

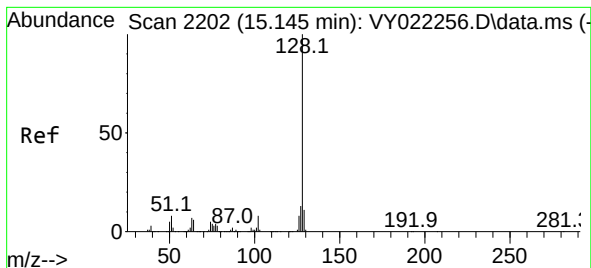
Ion Ratio Lower Upper

225 100

223 62.8 31.5 94.5

227 64.1 32.1 96.3





#95

Naphthalene

Concen: 106.935 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

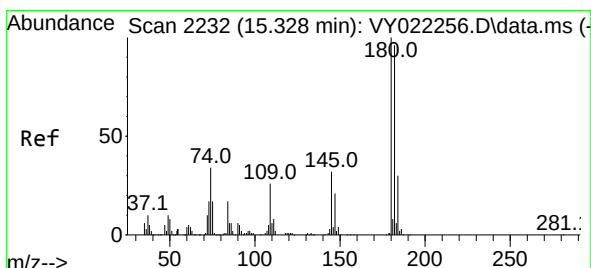
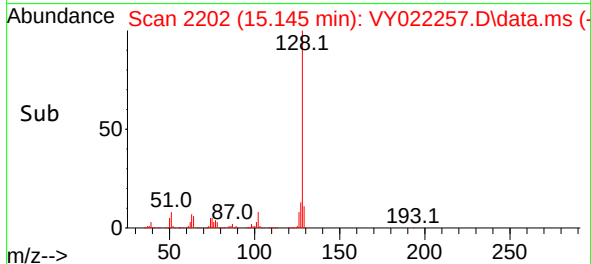
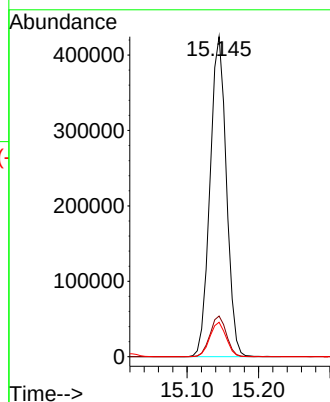
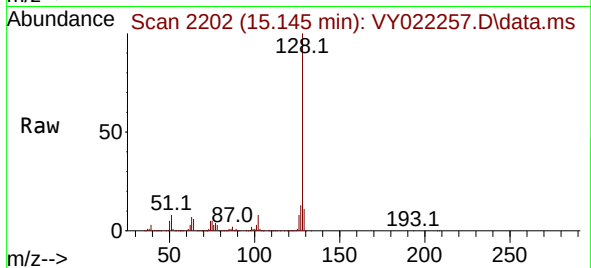
VSTDIC100

Tgt Ion:128	Resp: 674950
Ion Ratio	Lower Upper
128 100	
127 12.8	10.2 15.2
129 10.8	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 104.488 ug/l

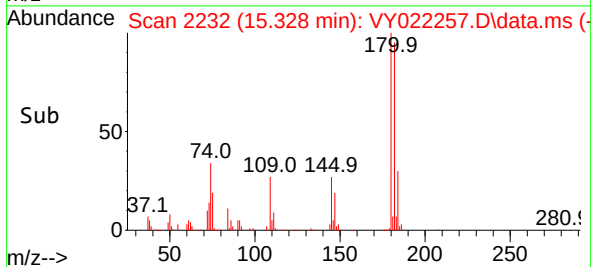
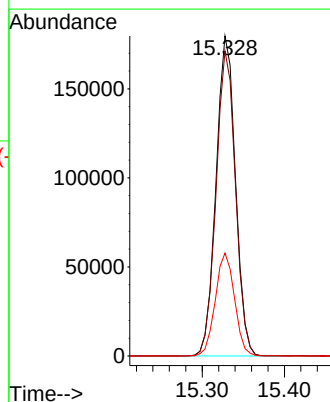
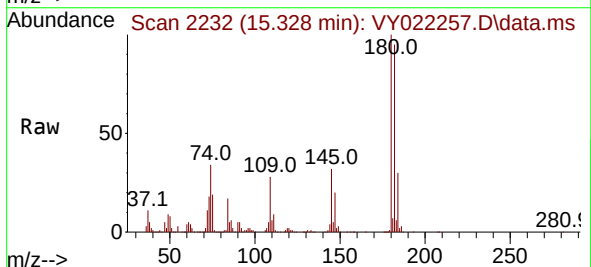
RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022257.D

Acq: 15 May 2025 11:24

Tgt Ion:180	Resp: 294823
Ion Ratio	Lower Upper
180 100	
182 95.3	47.1 141.3
145 31.8	15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022258.D
 Acq On : 15 May 2025 11:47
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:25:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	271027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	442917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	389769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	187978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	455385	153.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 307.480%#	
35) Dibromofluoromethane	7.634	113	412318	155.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 311.940%#	
50) Toluene-d8	10.103	98	1689714	156.065	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 312.120%#	
62) 4-Bromofluorobenzene	12.402	95	541367	157.751	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 315.500%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	389593	137.760	ug/l	100
3) Chloromethane	2.068	50	727243	122.246	ug/l	99
4) Vinyl Chloride	2.202	62	902596	135.801	ug/l	97
5) Bromomethane	2.586	94	780107	144.182	ug/l	99
6) Chloroethane	2.727	64	590870	142.898	ug/l	98
7) Trichlorofluoromethane	3.050	101	989291	147.013	ug/l	99
8) Diethyl Ether	3.452	74	236216	146.270	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	422397	144.588	ug/l	100
10) Methyl Iodide	4.001	142	518980	153.489	ug/l	98
11) Tert butyl alcohol	4.866	59	172549	762.834	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	425285	146.697	ug/l	97
13) Acrolein	3.653	56	237291	717.595	ug/l	98
14) Allyl chloride	4.379	41	756728	148.866	ug/l	100
15) Acrylonitrile	5.055	53	512850	770.708	ug/l	100
16) Acetone	3.873	43	375443	675.976	ug/l	99
17) Carbon Disulfide	4.104	76	1365378	144.429	ug/l	100
18) Methyl Acetate	4.385	43	282084	166.915	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	1225258	153.279	ug/l	98
20) Methylene Chloride	4.616	84	448817	125.059	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	472143	147.547	ug/l	99
22) Diisopropyl ether	6.019	45	1626927	151.557	ug/l	99
23) Vinyl Acetate	5.958	43	4953644	763.831	ug/l	100
24) 1,1-Dichloroethane	5.915	63	879785	146.697	ug/l	99
25) 2-Butanone	6.890	43	708010	762.091	ug/l	98
26) 2,2-Dichloropropane	6.884	77	787195	147.575	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	563503	152.601	ug/l	100
28) Bromochloromethane	7.244	49	387221	151.369	ug/l	100
29) Tetrahydrofuran	7.262	42	472224	790.072	ug/l	100
30) Chloroform	7.421	83	859317	149.381	ug/l	98
31) Cyclohexane	7.701	56	821784	137.144	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	784014	148.554	ug/l	99
36) 1,1-Dichloropropene	7.835	75	658871	151.316	ug/l	99
37) Ethyl Acetate	6.982	43	320686	153.067	ug/l	99
38) Carbon Tetrachloride	7.817	117	696139	154.450	ug/l	100
39) Methylcyclohexane	9.110	83	886329	151.510	ug/l	98
40) Benzene	8.079	78	1987535	153.973	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022258.D
 Acq On : 15 May 2025 11:47
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:25:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	202603m	132.161	ug/l	
42) 1,2-Dichloroethane	8.159	62	534517	153.124	ug/l	99
43) Isopropyl Acetate	8.195	43	704366	154.159	ug/l #	89
44) Trichloroethene	8.866	130	481990	150.171	ug/l	96
45) 1,2-Dichloropropane	9.140	63	472217	151.736	ug/l	97
46) Dibromomethane	9.231	93	258087	153.757	ug/l	99
47) Bromodichloromethane	9.420	83	669834	153.824	ug/l	99
48) Methyl methacrylate	9.219	41	344147	161.060	ug/l	99
49) 1,4-Dioxane	9.231	88	61019	3217.888	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	1829015	815.822	ug/l	99
52) Toluene	10.170	92	1276917	156.216	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	663513	156.134	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	754493	154.963	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	330716	153.863	ug/l	99
56) Ethyl methacrylate	10.439	69	535897	160.058	ug/l	99
57) 1,3-Dichloropropane	10.719	76	584253	152.987	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1350536	898.675	ug/l	99
59) 2-Hexanone	10.762	43	1227881	816.860	ug/l	99
60) Dibromochloromethane	10.908	129	438666	157.237	ug/l	99
61) 1,2-Dibromoethane	11.012	107	308529	154.008	ug/l	99
64) Tetrachloroethene	10.646	164	501627	139.237	ug/l	100
65) Chlorobenzene	11.438	112	1336594	151.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	480525	158.952	ug/l	100
67) Ethyl Benzene	11.518	91	2598027	157.756	ug/l	99
68) m/p-Xylenes	11.627	106	1992413	321.066	ug/l	99
69) o-Xylene	11.957	106	937727	159.714	ug/l	99
70) Styrene	11.969	104	1613798	162.944	ug/l	100
71) Bromoform	12.133	173	254251	155.818	ug/l #	99
73) Isopropylbenzene	12.255	105	2357568	151.387	ug/l	100
74) N-amyl acetate	12.066	43	694999	156.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	375378	156.735	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	289968m	87.525	ug/l	
77) Bromobenzene	12.530	156	509579	153.206	ug/l	99
78) n-propylbenzene	12.591	91	2822794	150.276	ug/l	100
79) 2-Chlorotoluene	12.676	91	1563003	151.415	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1888432	150.219	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	139931	148.846	ug/l	99
82) 4-Chlorotoluene	12.774	91	1616520	152.250	ug/l	99
83) tert-Butylbenzene	12.993	119	1699962	152.144	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1934641	155.030	ug/l	100
85) sec-Butylbenzene	13.176	105	2493393	150.330	ug/l	100
86) p-Isopropyltoluene	13.292	119	2205275	158.088	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	1079479	158.981	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	969874	148.497	ug/l	99
89) n-Butylbenzene	13.615	91	1992554	150.985	ug/l	99
90) Hexachloroethane	13.877	117	417341	148.208	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	858733	150.565	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	58383	151.172	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	508537	154.361	ug/l	99
94) Hexachlorobutadiene	15.023	225	261832	142.514	ug/l	100
95) Naphthalene	15.139	128	979369	156.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	426231	152.509	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022258.D
Acq On : 15 May 2025 11:47
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:25:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
Response via : Initial Calibration

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

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

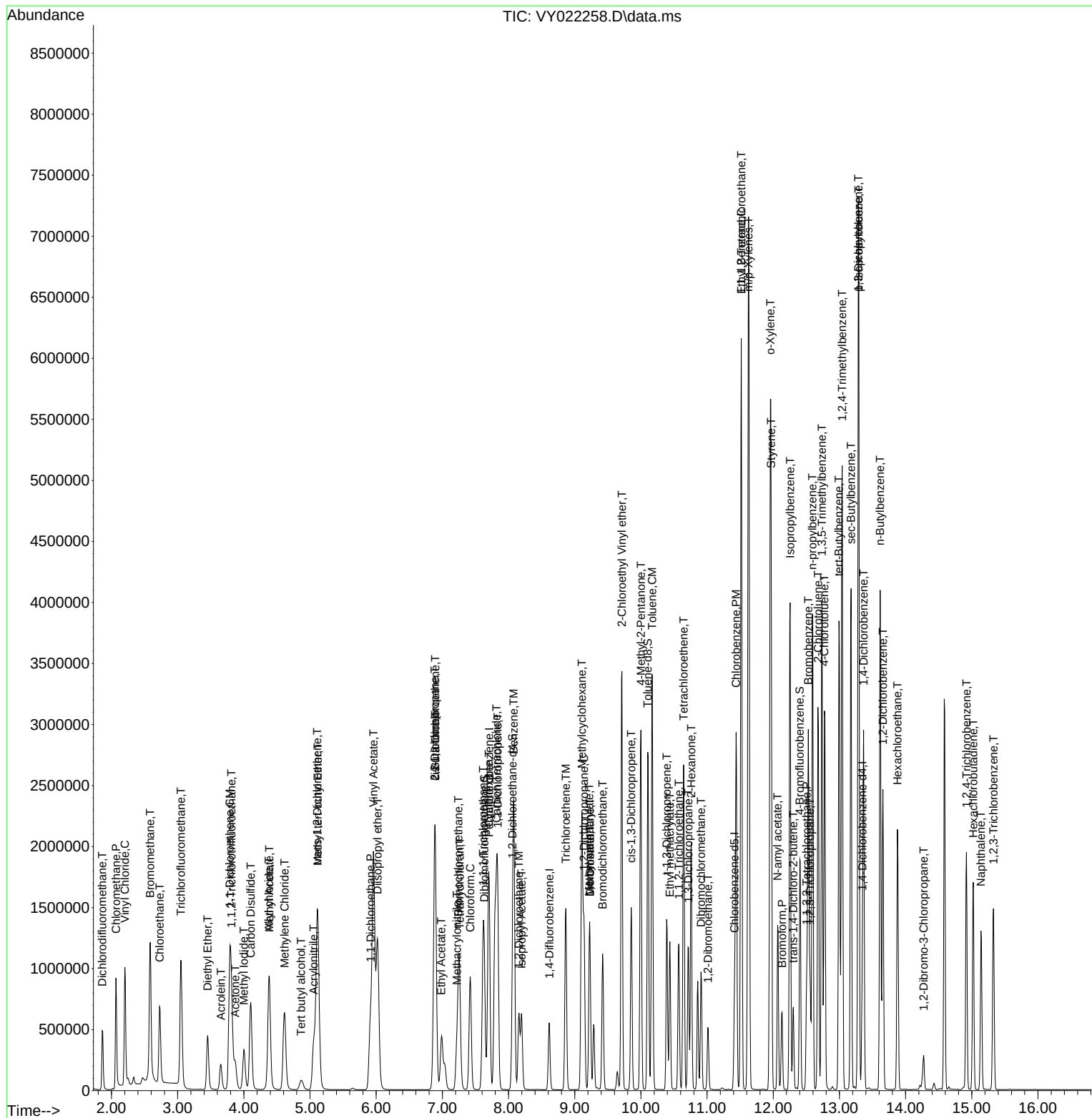
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022258.D
Acq On : 15 May 2025 11:47
Operator : SY/MD
Sample : VSTDIC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

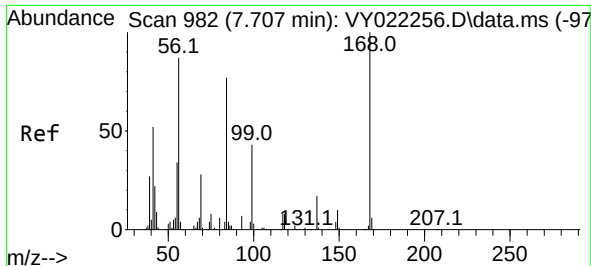
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Quant Time: May 16 01:25:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:19:39 2025
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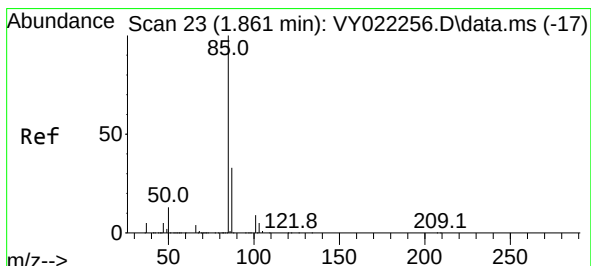
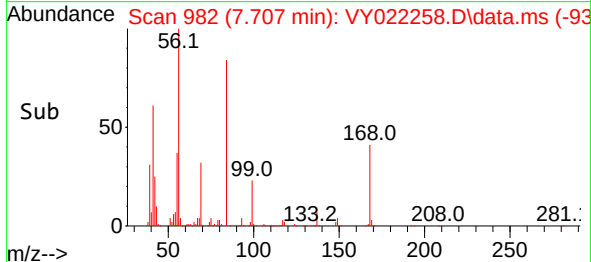
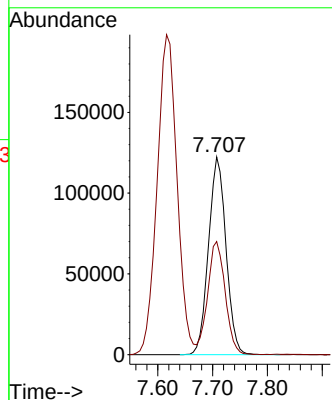
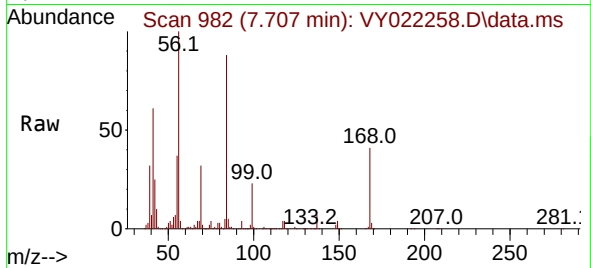
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 27102
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4

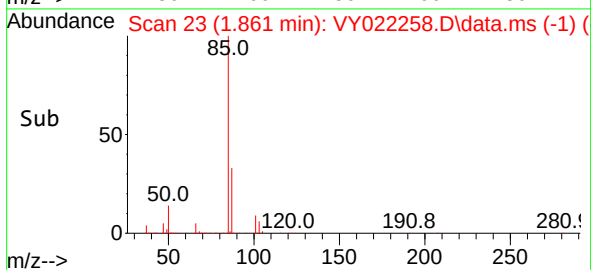
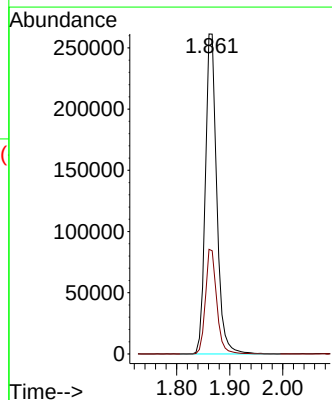
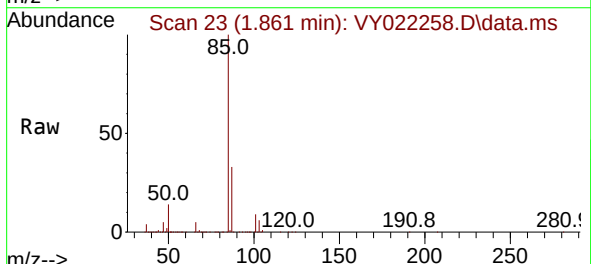
Manual Integrations
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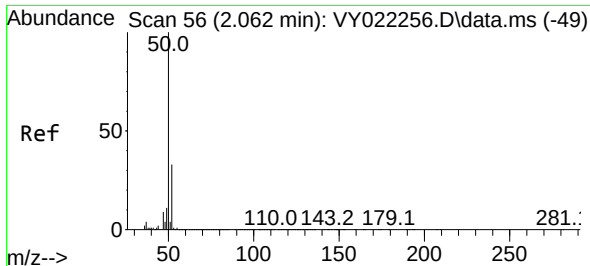
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 137.760 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

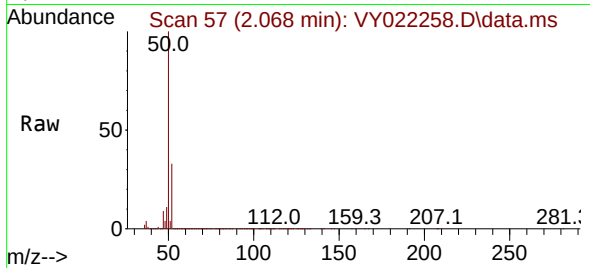
Tgt Ion: 85 Resp: 389593
Ion Ratio Lower Upper
85 100
87 32.7 16.5 49.5





#3
Chloromethane
Concen: 122.246 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

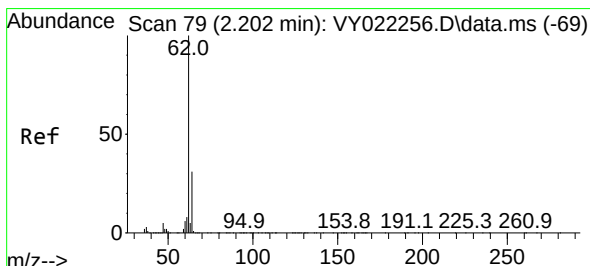
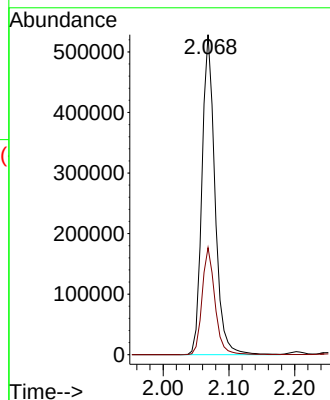
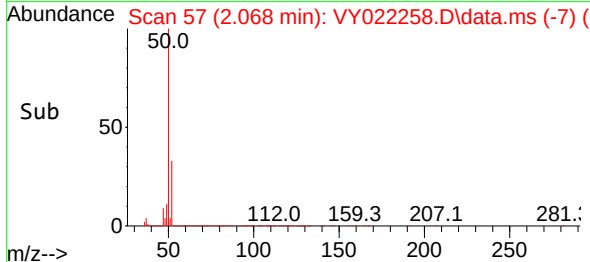
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 50 Resp: 72724
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

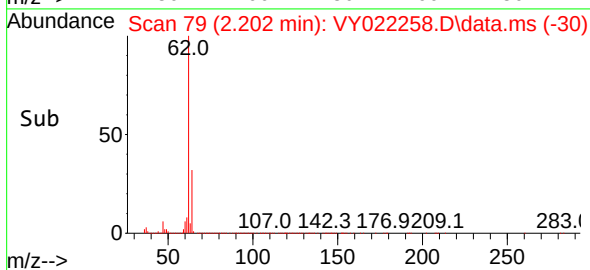
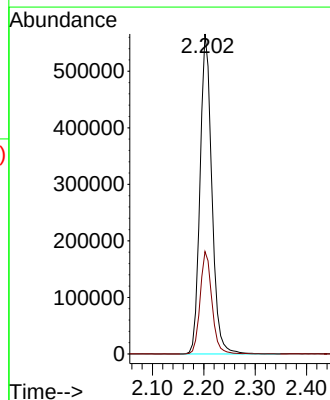
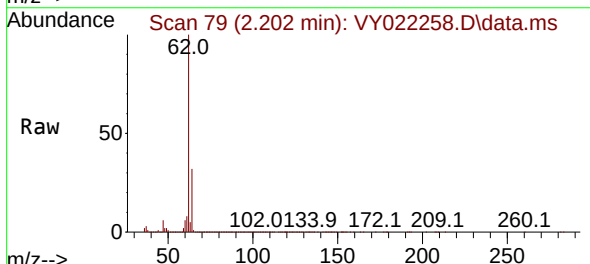
Manual Integrations
APPROVED

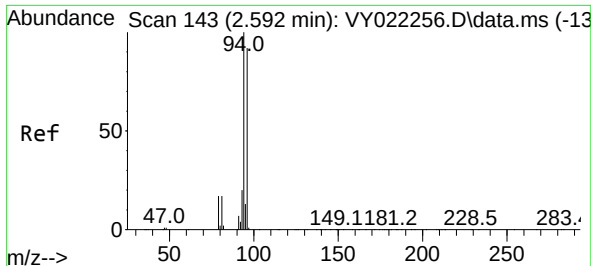
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 135.801 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

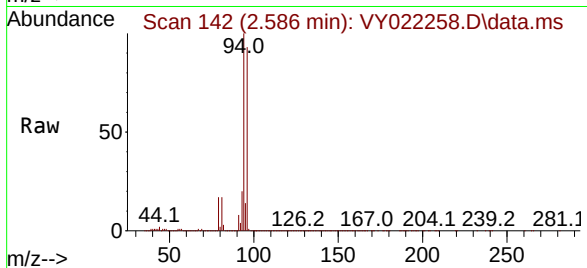
Tgt Ion: 62 Resp: 902596
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7





#5
Bromomethane
Concen: 144.182 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

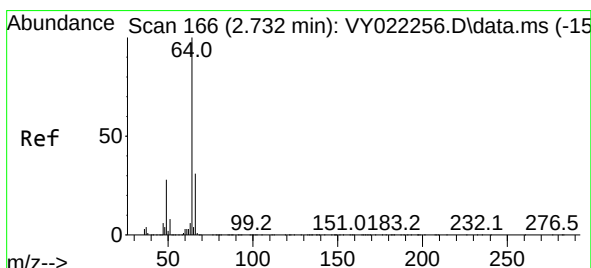
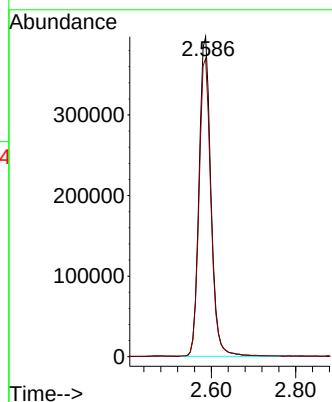
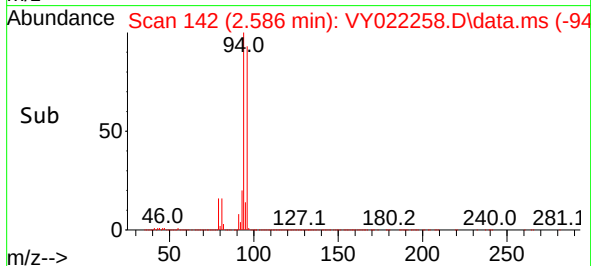
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 78010
Ion Ratio Lower Upper
94 100
96 93.0 73.4 110.0

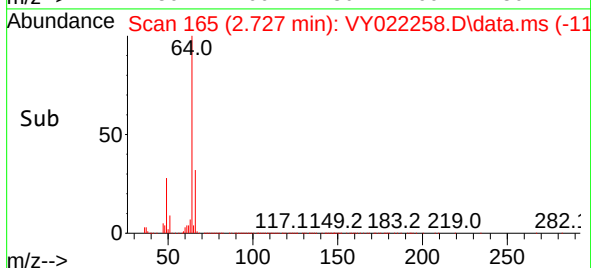
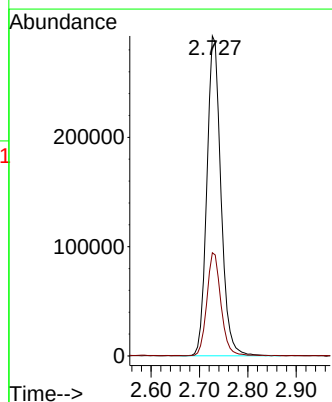
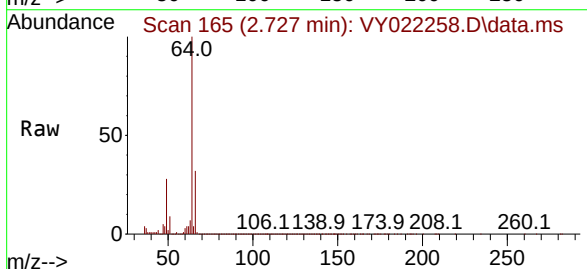
Manual Integrations
APPROVED

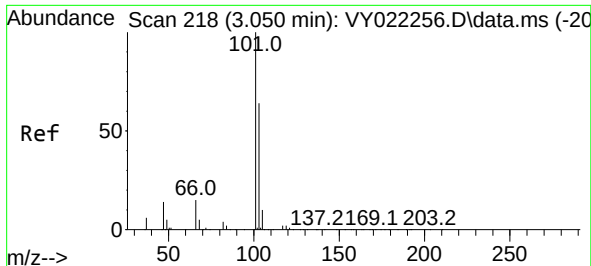
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#6
Chloroethane
Concen: 142.898 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 64 Resp: 590870
Ion Ratio Lower Upper
64 100
66 32.2 24.8 37.2





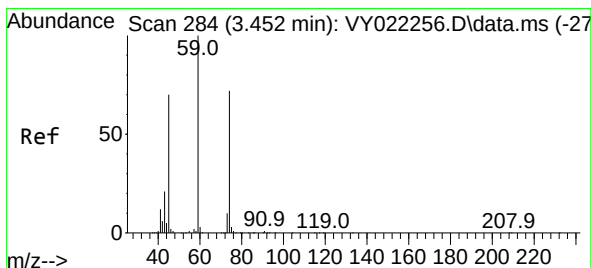
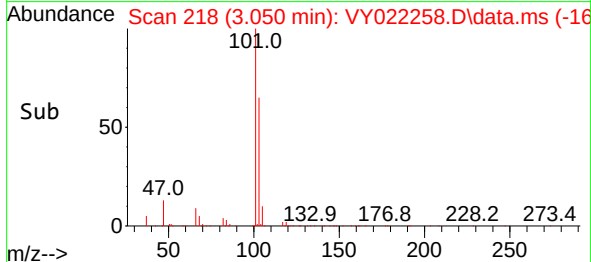
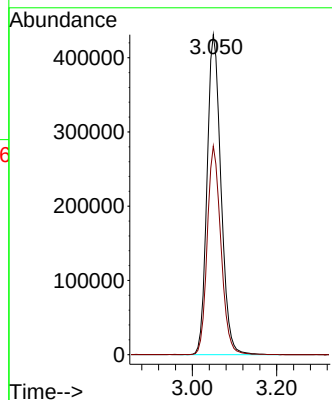
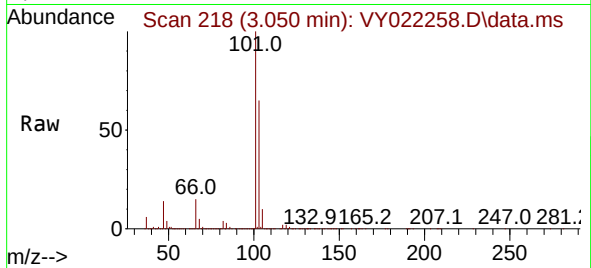
#7
Trichlorofluoromethane
Concen: 147.013 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 98929
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5

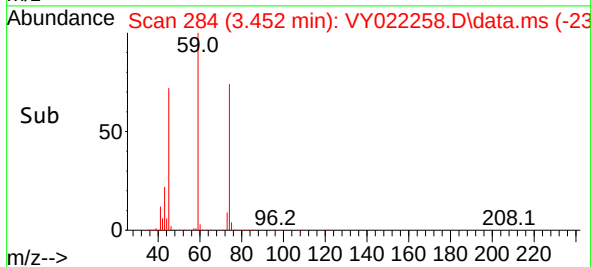
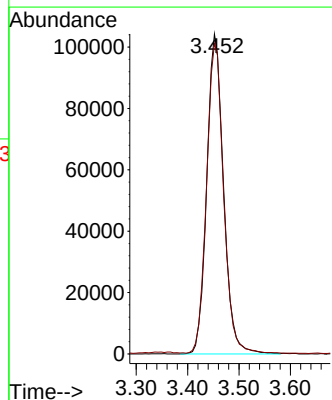
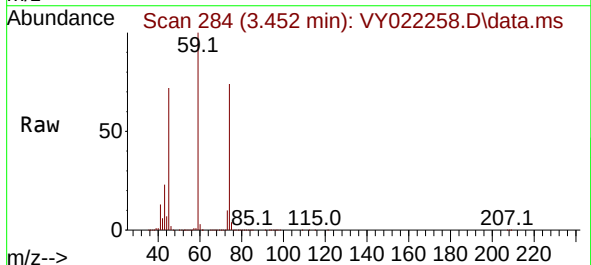
Manual Integrations
APPROVED

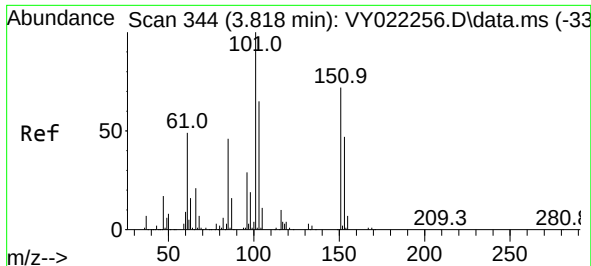
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#8
Diethyl Ether
Concen: 146.270 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 74 Resp: 236216
Ion Ratio Lower Upper
74 100
45 97.9 48.6 145.8





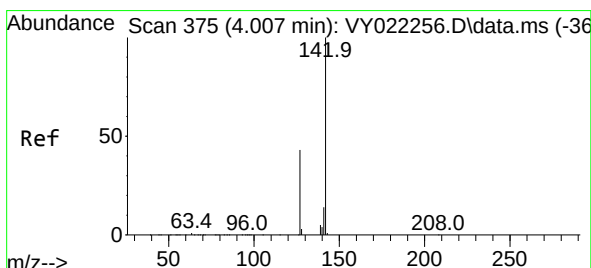
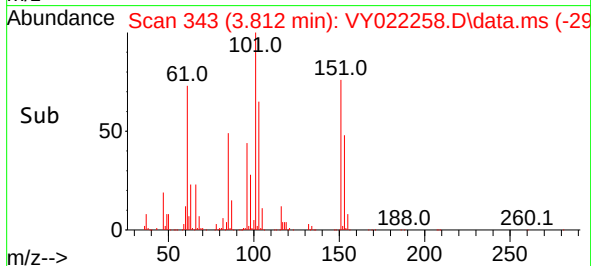
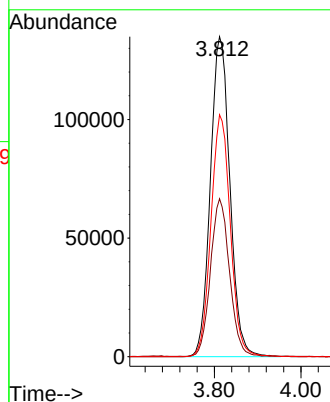
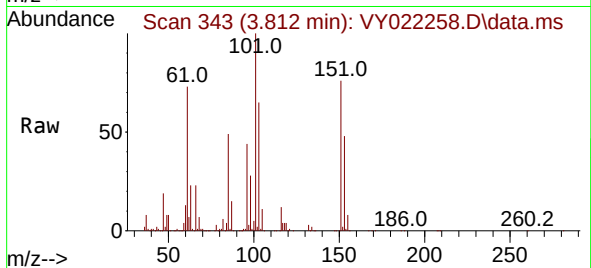
#9
1,1,2-Trichlorotrifluoroethane
Concen: 144.588 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 422397
Ion Ratio Lower Upper
101 100
85 48.2 38.6 58.0
151 75.2 59.7 89.5

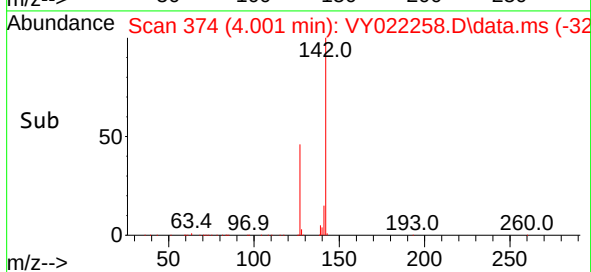
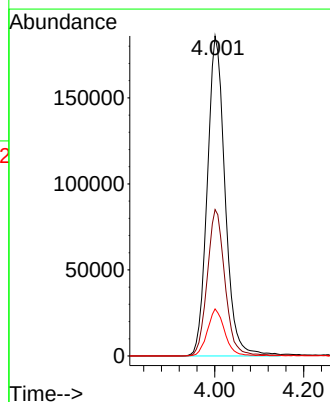
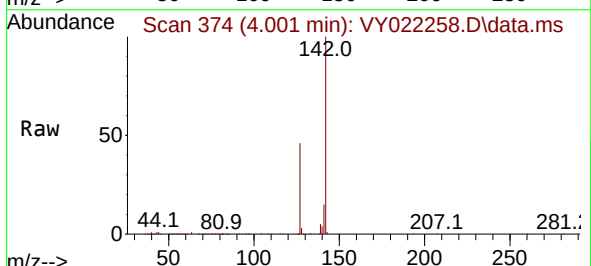
Manual Integrations
APPROVED

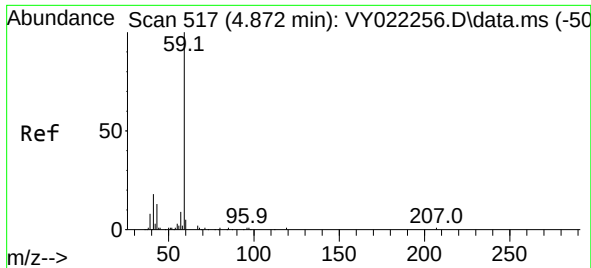
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 153.489 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

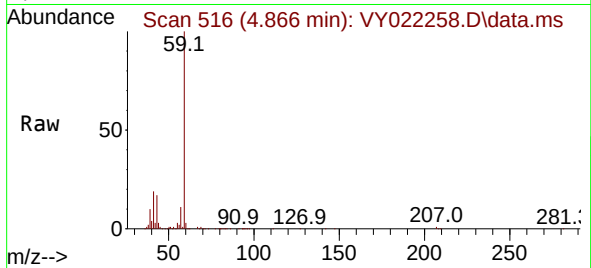
Tgt Ion:142 Resp: 518980
Ion Ratio Lower Upper
142 100
127 45.8 35.7 53.5
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 762.834 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

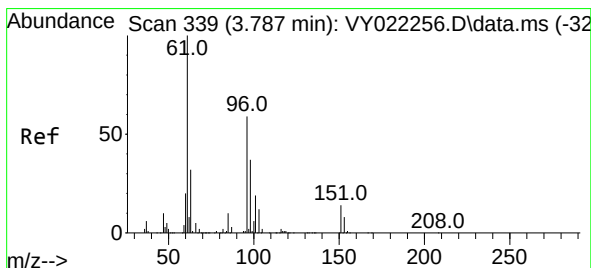
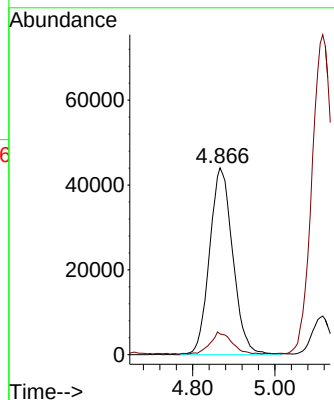
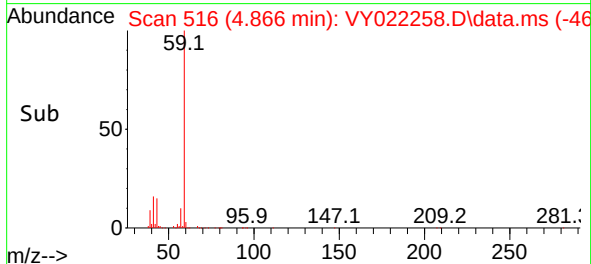
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



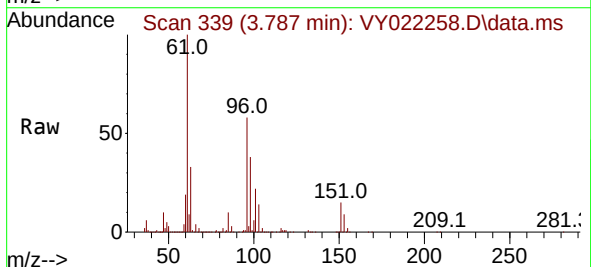
Tgt Ion: 59 Resp: 172549
Ion Ratio Lower Upper
59 100
57 10.9 0.0 0.0

Manual Integrations
APPROVED

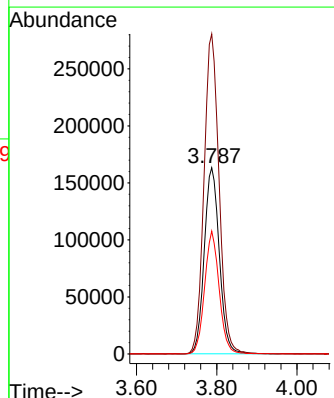
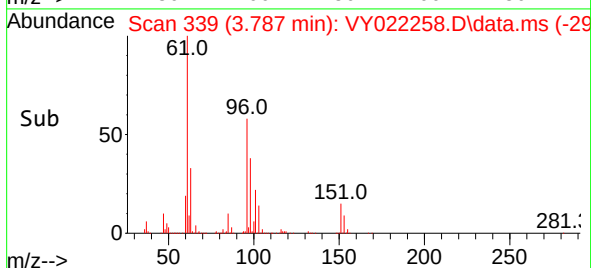
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

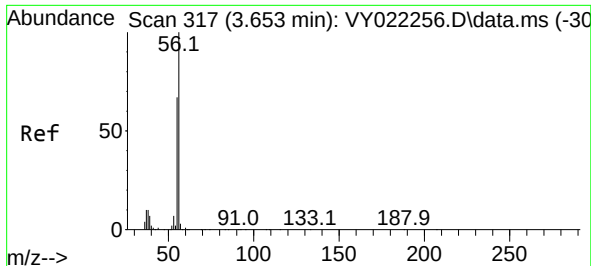


#12
1,1-Dichloroethene
Concen: 146.697 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



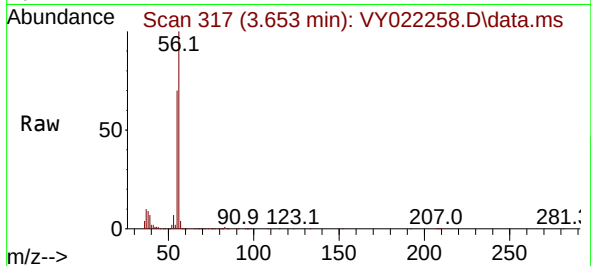
Tgt Ion: 96 Resp: 425285
Ion Ratio Lower Upper
96 100
61 171.9 134.9 202.3
98 65.9 49.9 74.9





#13
Acrolein
Concen: 717.595 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

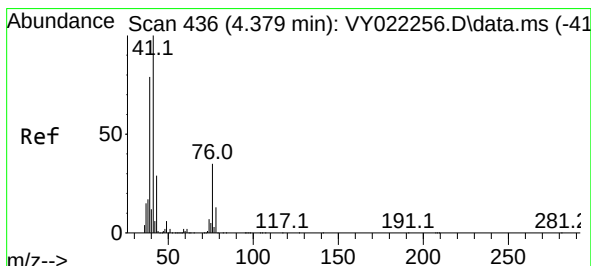
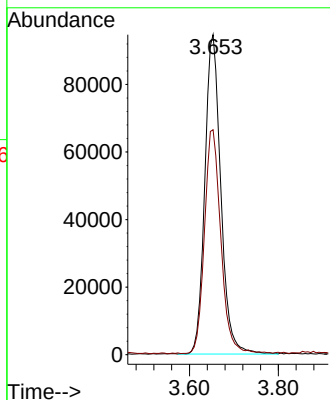
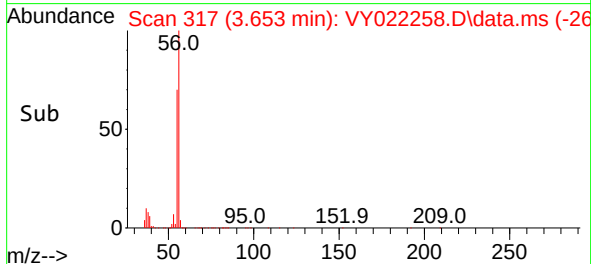
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



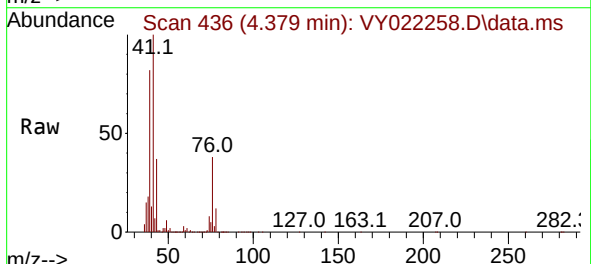
Tgt Ion: 56 Resp: 23729
Ion Ratio Lower Upper
56 100
55 71.5 55.6 83.4

Manual Integrations
APPROVED

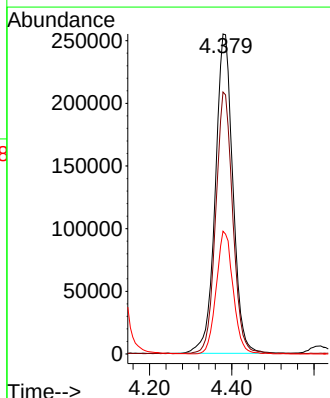
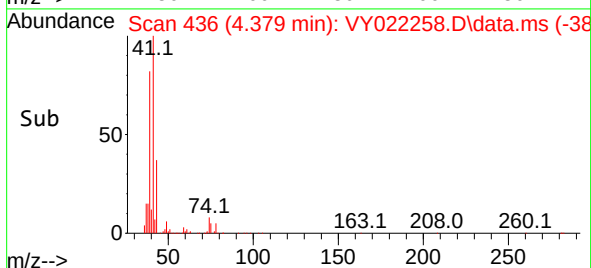
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

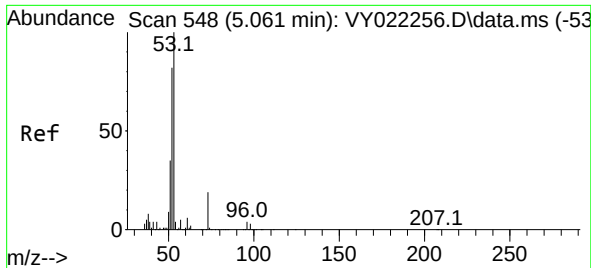


#14
Allyl chloride
Concen: 148.866 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



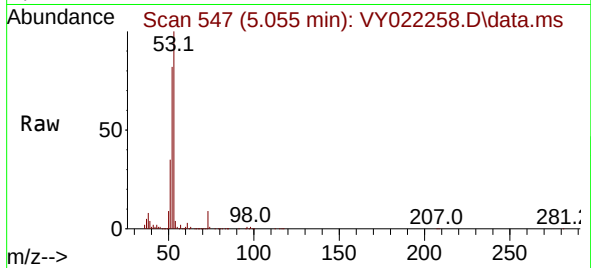
Tgt Ion: 41 Resp: 756728
Ion Ratio Lower Upper
41 100
39 79.2 63.4 95.0
76 36.8 29.5 44.3





#15
Acrylonitrile
Concen: 770.708 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

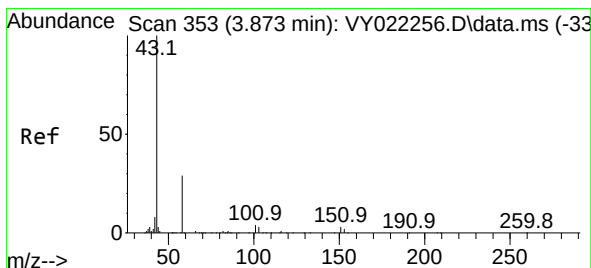
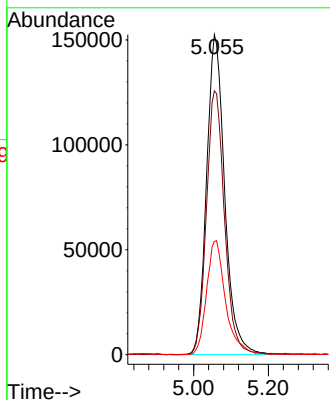
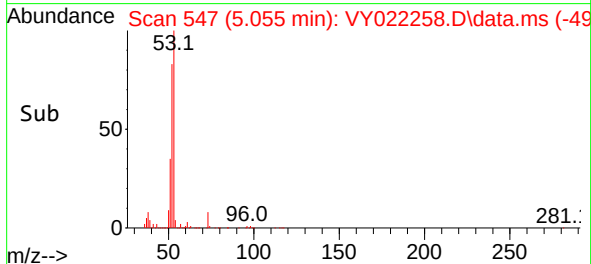
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



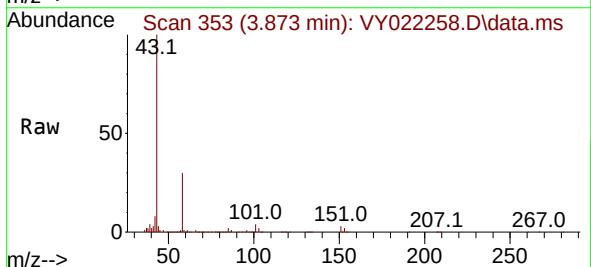
Tgt Ion: 53 Resp: 512850
Ion Ratio Lower Upper
53 100
52 82.4 66.1 99.1
51 37.5 30.0 45.0

Manual Integrations
APPROVED

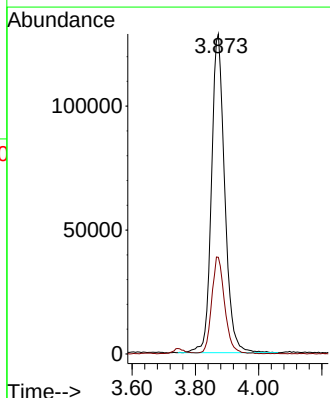
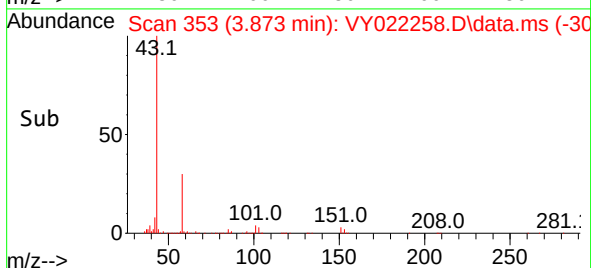
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

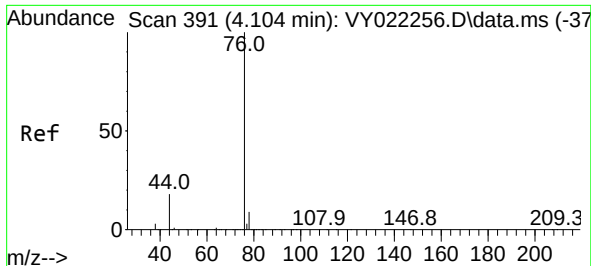


#16
Acetone
Concen: 675.976 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



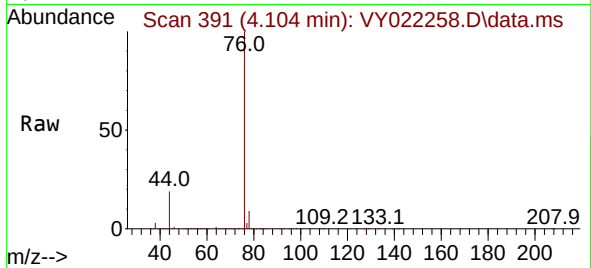
Tgt Ion: 43 Resp: 375443
Ion Ratio Lower Upper
43 100
58 30.2 23.6 35.4





#17
Carbon Disulfide
Concen: 144.429 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

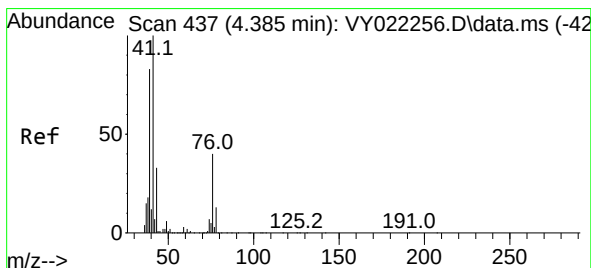
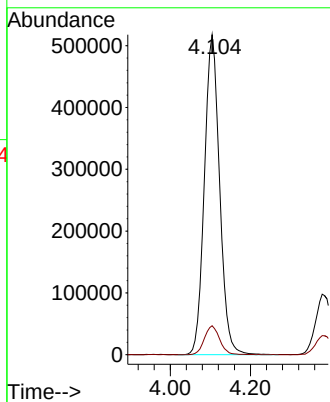
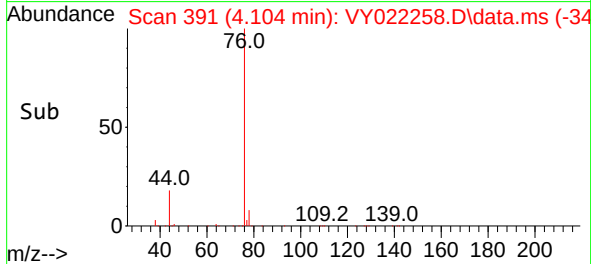
Instrument :
MSVOA_Y
Client Sample Id :
VSTDIC150



Tgt Ion: 76 Resp: 1365378
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

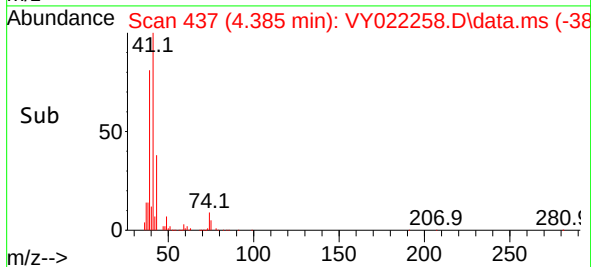
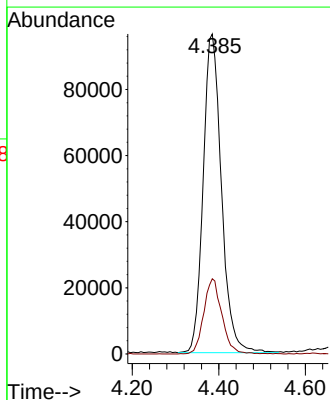
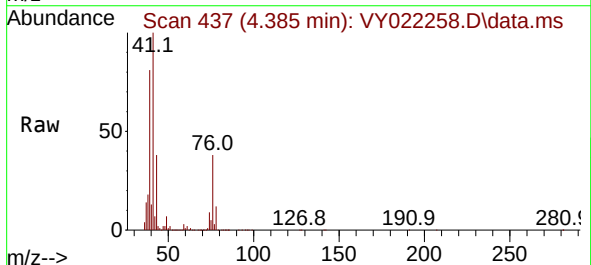
Manual Integrations
APPROVED

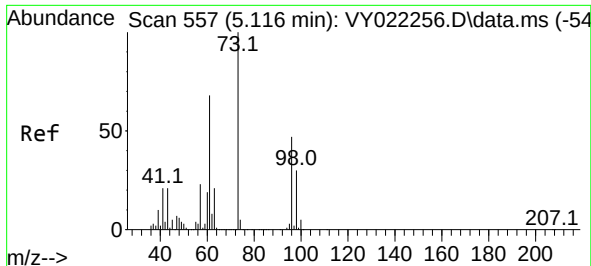
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#18
Methyl Acetate
Concen: 166.915 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

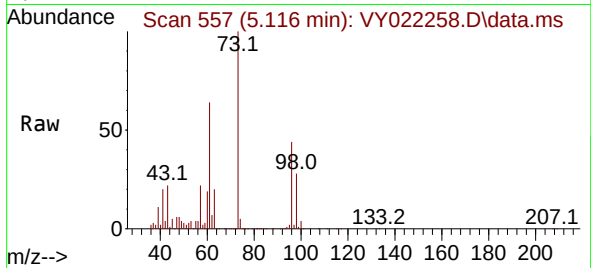
Tgt Ion: 43 Resp: 282084
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 153.279 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

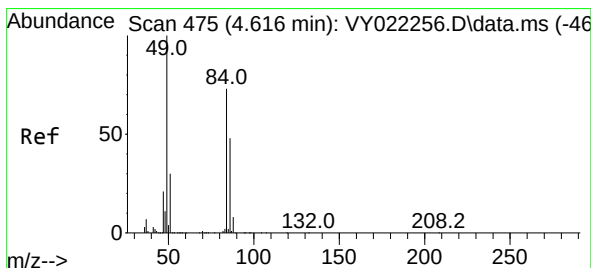
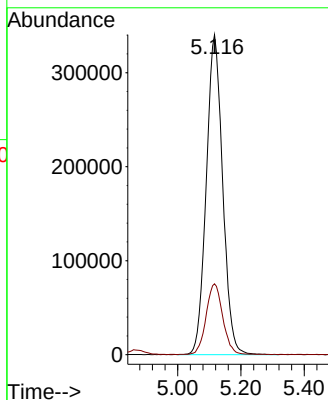
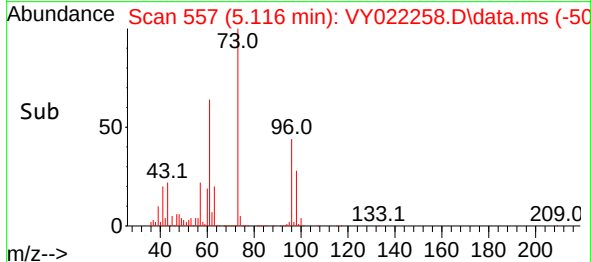
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 73 Resp: 1225258
Ion Ratio Lower Upper
73 100
57 22.1 18.6 28.0

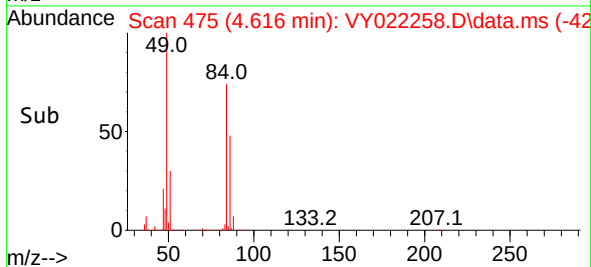
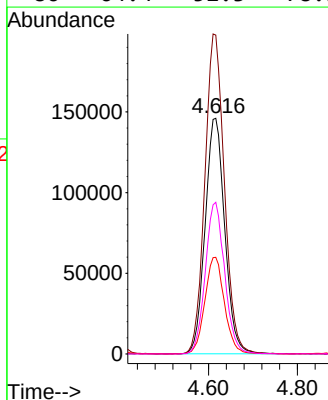
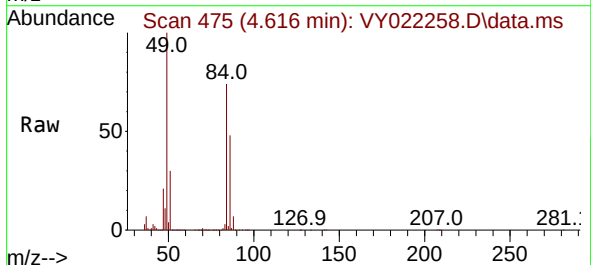
Manual Integrations
APPROVED

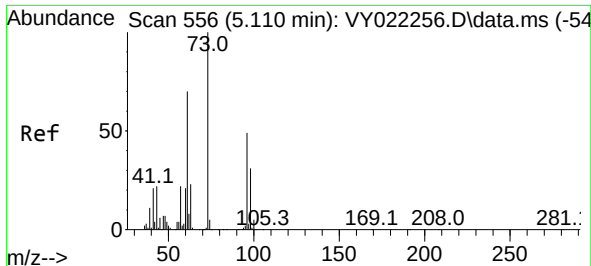
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20
Methylene Chloride
Concen: 125.059 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

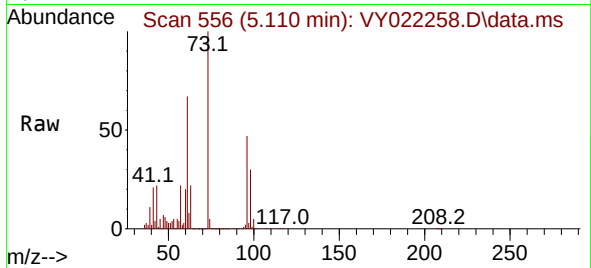
Tgt Ion: 84 Resp: 448817
Ion Ratio Lower Upper
84 100
49 135.3 109.6 164.4
51 40.9 32.4 48.6
86 64.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 147.547 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

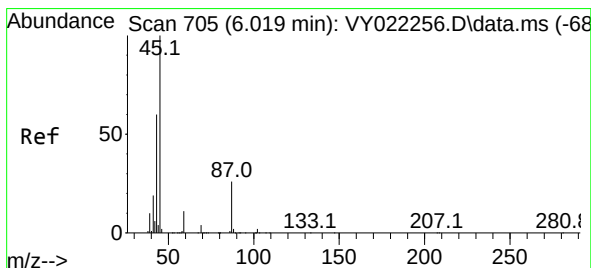
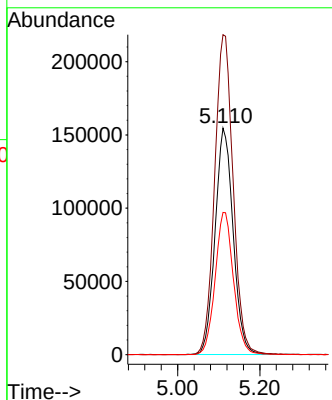
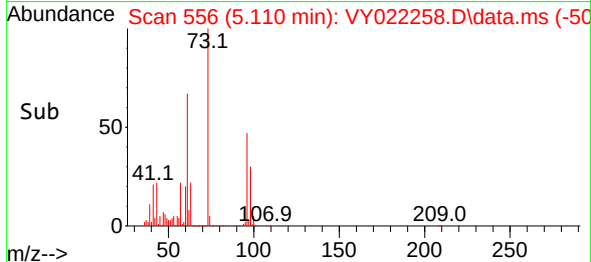
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 47214
Ion Ratio Lower Upper
96 100
61 141.3 113.4 170.0
98 62.8 50.9 76.3

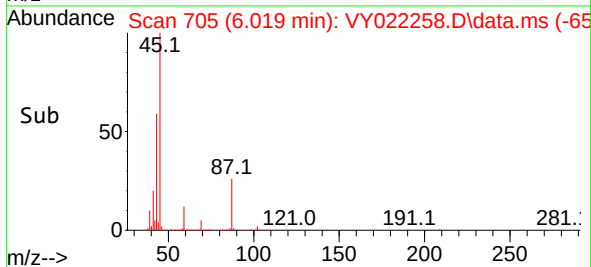
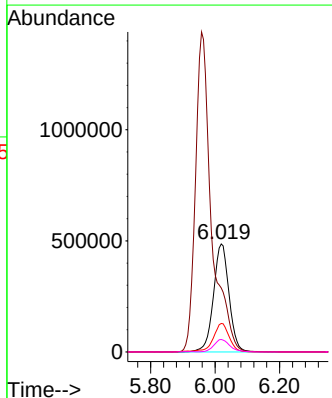
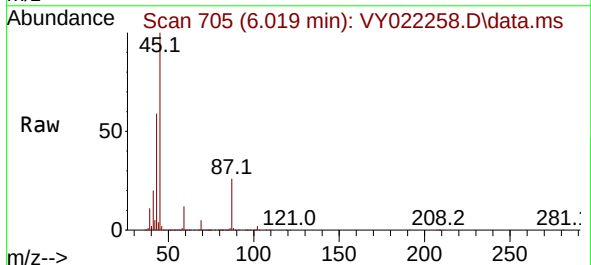
Manual Integrations
APPROVED

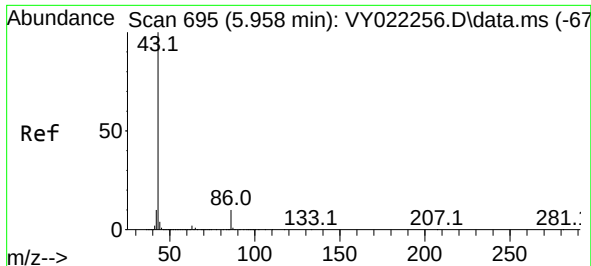
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 151.557 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

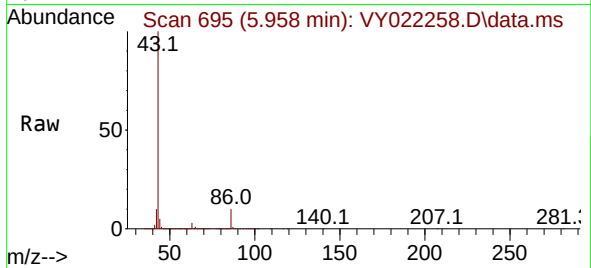
Tgt Ion: 45 Resp: 1626927
Ion Ratio Lower Upper
45 100
43 59.2 48.2 72.2
87 26.4 21.4 32.0
59 11.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 763.831 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

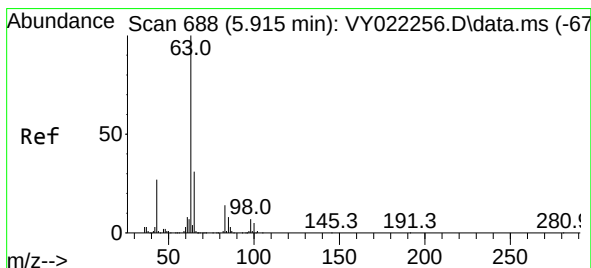
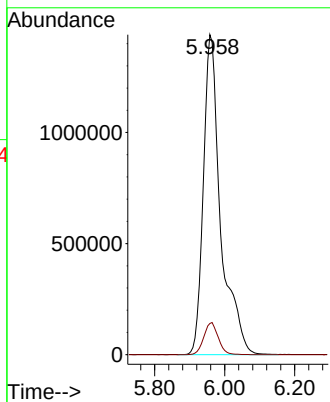
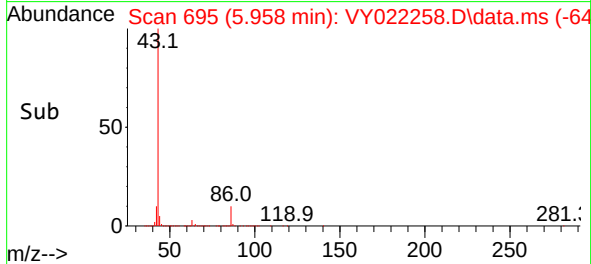
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



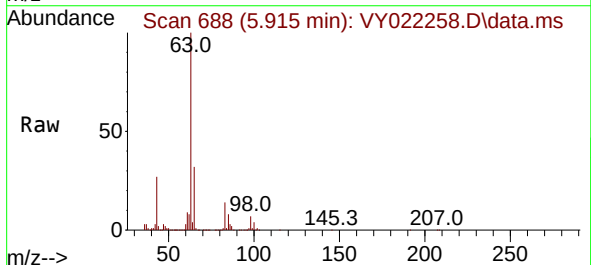
Tgt Ion: 43 Resp: 495364
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

Manual Integrations
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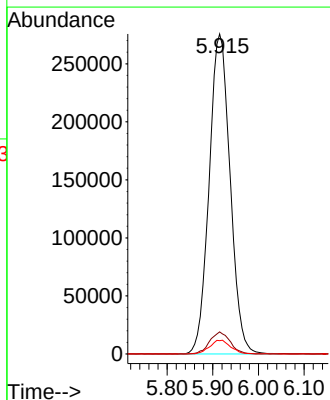
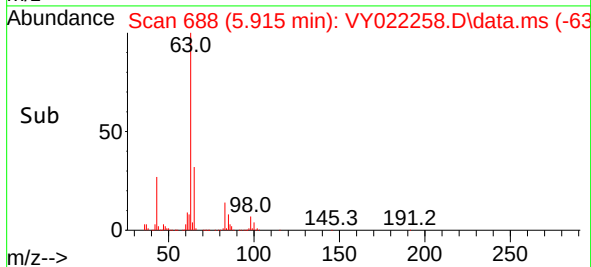
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

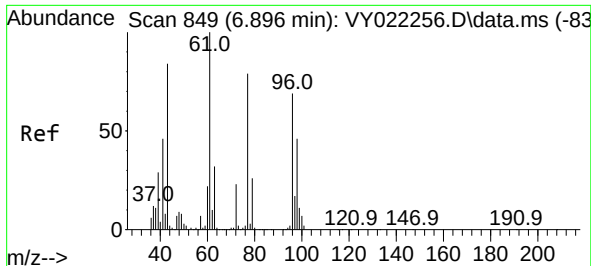


#24
 1,1-Dichloroethane
 Concen: 146.697 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47



Tgt Ion: 63 Resp: 879785
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.2 2.4 7.2





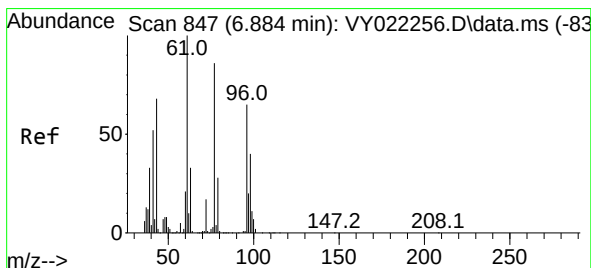
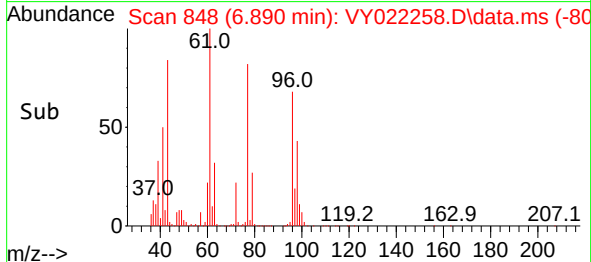
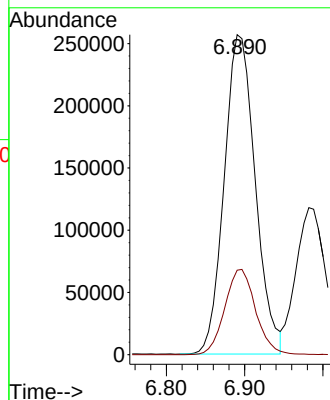
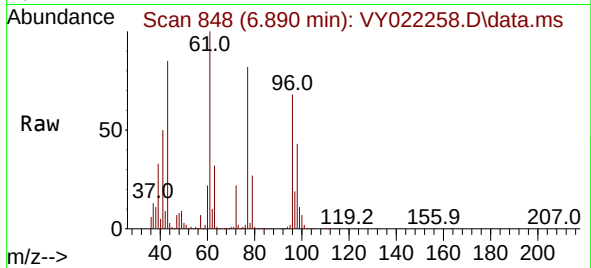
#25
2-Butanone
Concen: 762.091 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 708010
Ion Ratio Lower Upper
43 100
72 26.4 22.1 33.1

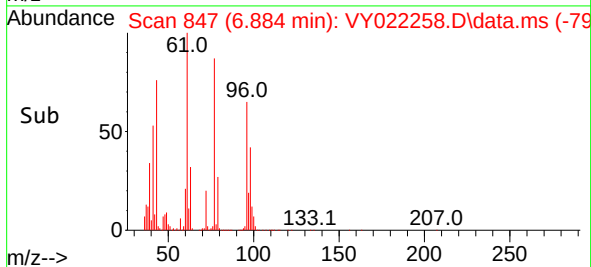
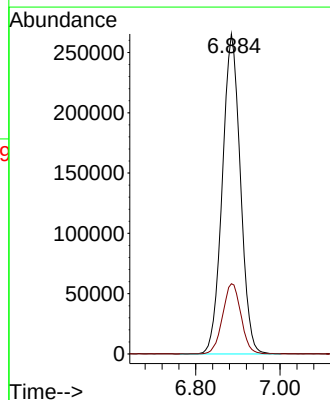
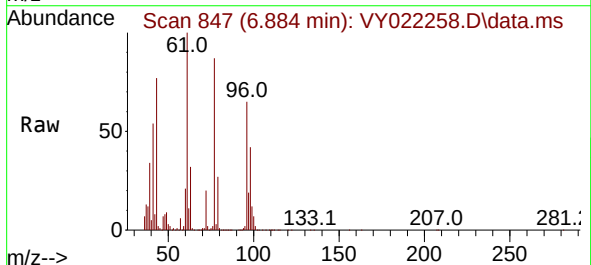
Manual Integrations
APPROVED

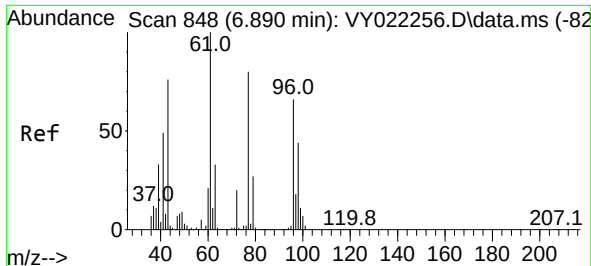
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#26
2,2-Dichloropropane
Concen: 147.575 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

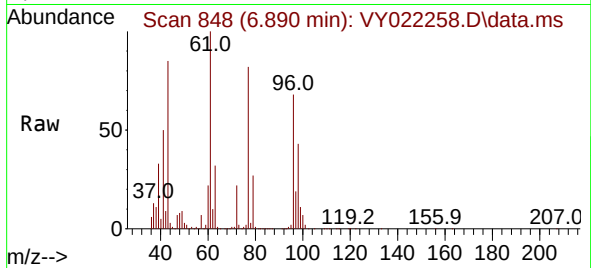
Tgt Ion: 77 Resp: 787195
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 152.601 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

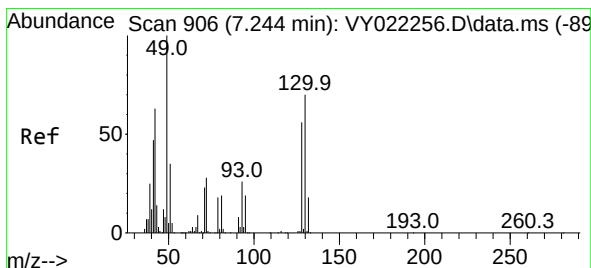
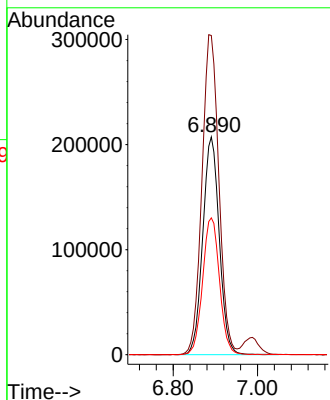
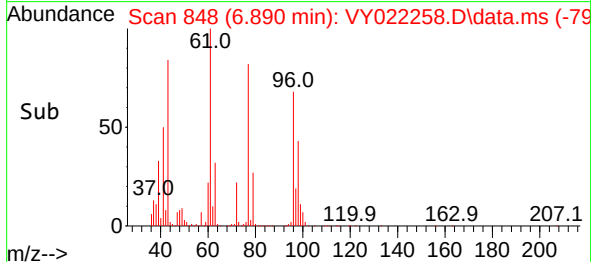
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



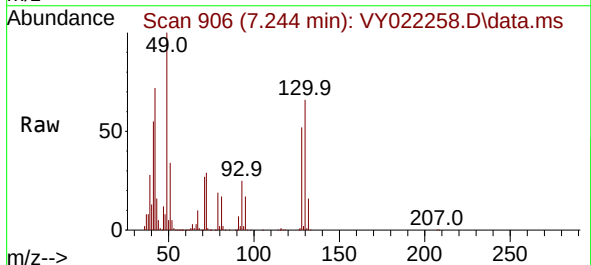
Tgt Ion: 96 Resp: 56350
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 302.6
 98 64.4 0.0 128.8

Manual Integrations
 APPROVED

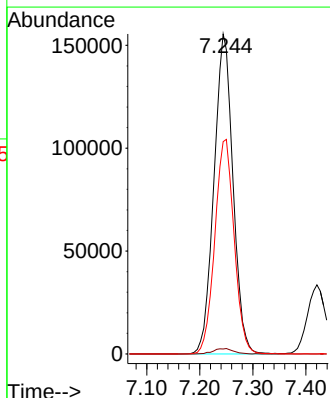
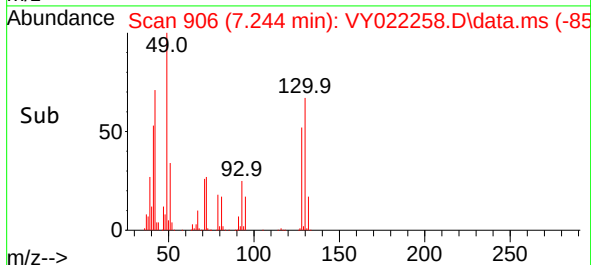
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

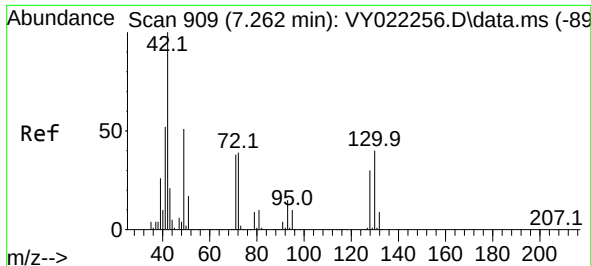


#28
 Bromochloromethane
 Concen: 151.369 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47



Tgt Ion: 49 Resp: 387221
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 68.2 54.7 82.1





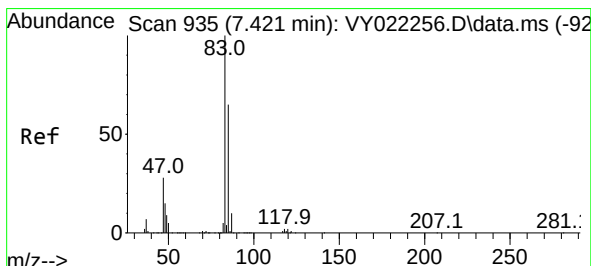
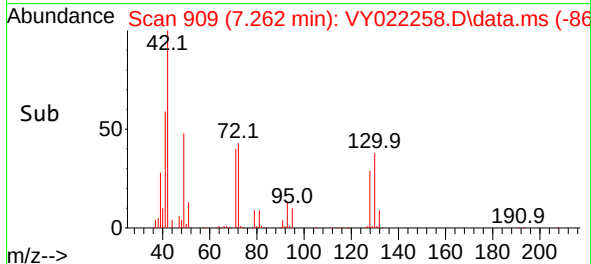
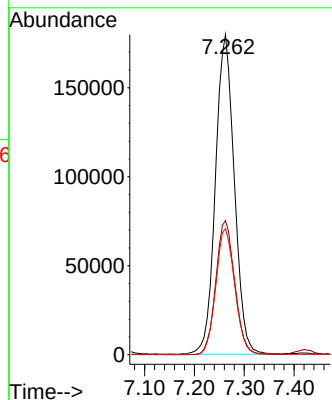
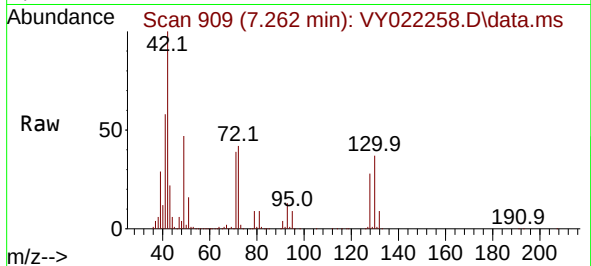
#29
Tetrahydrofuran
Concen: 790.072 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 472224
Ion Ratio Lower Upper
42 100
72 42.0 33.8 50.6
71 39.6 31.5 47.3

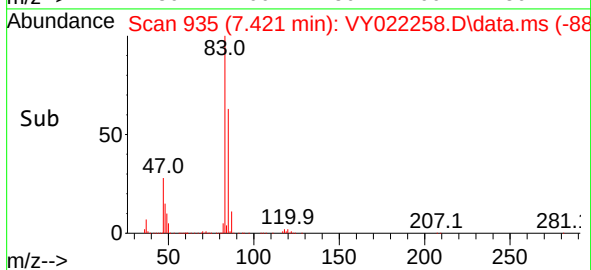
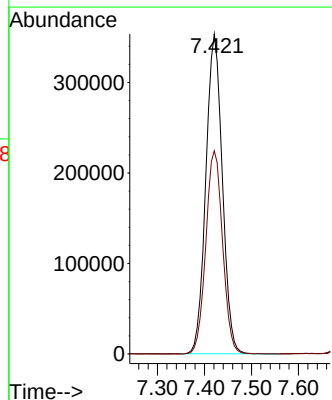
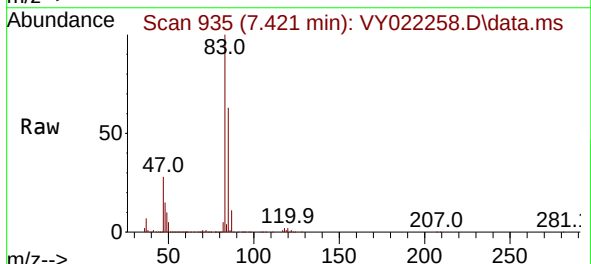
Manual Integrations
APPROVED

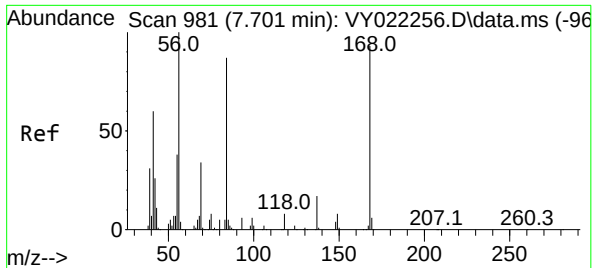
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#30
Chloroform
Concen: 149.381 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

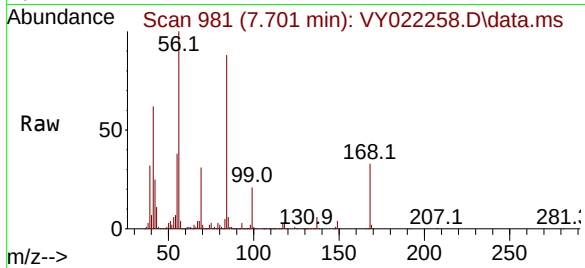
Tgt Ion: 83 Resp: 859317
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.8





#31
Cyclohexane
Concen: 137.144 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

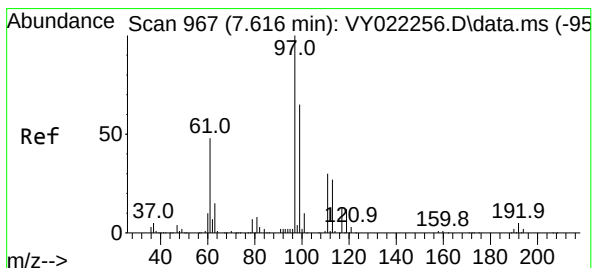
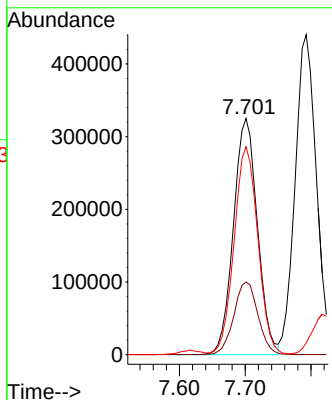
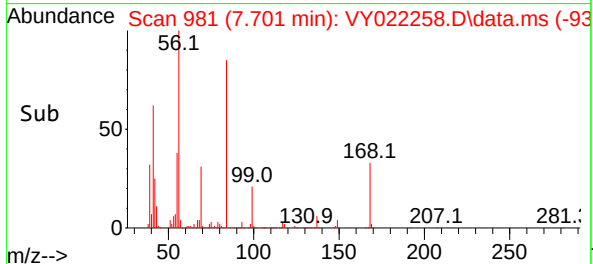
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



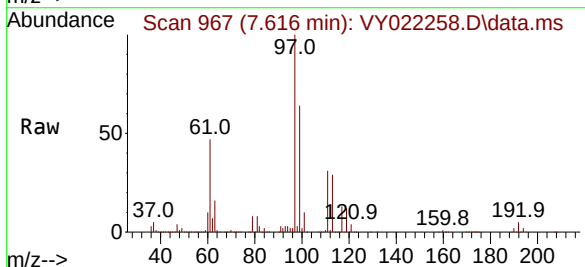
Tgt Ion: 56 Resp: 821784
Ion Ratio Lower Upper
56 100
69 30.7 27.4 41.2
84 87.3 70.0 105.0

Manual Integrations
APPROVED

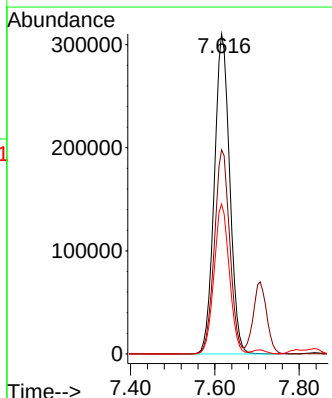
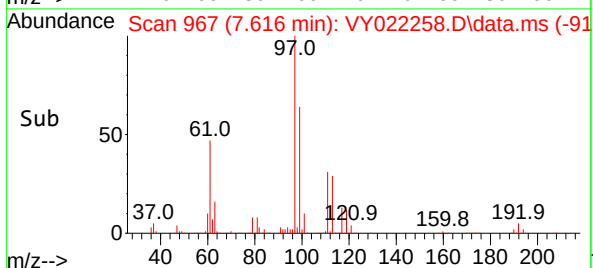
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

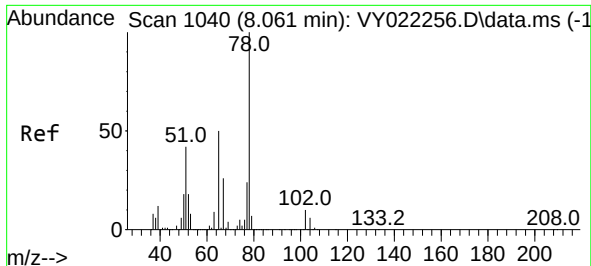


#32
1,1,1-Trichloroethane
Concen: 148.554 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



Tgt Ion: 97 Resp: 784014
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 46.7 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 153.739 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 45538

Ion Ratio Lower Upper

65 100

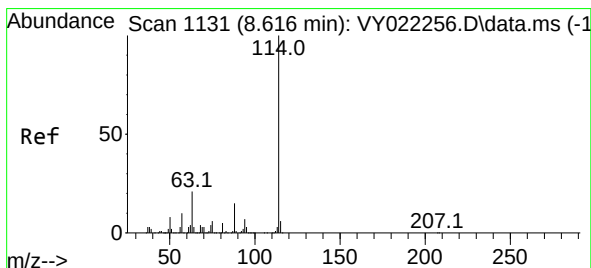
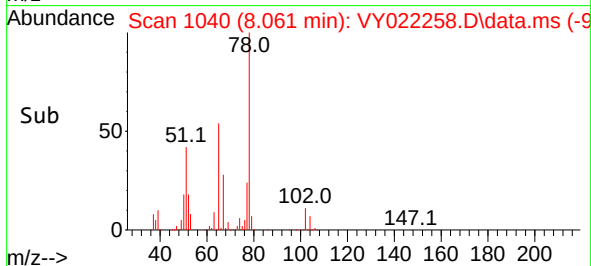
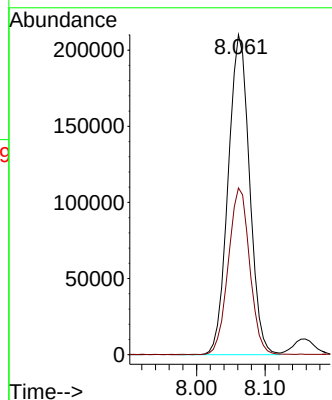
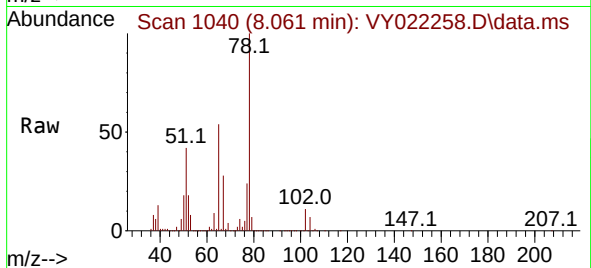
67 52.0 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

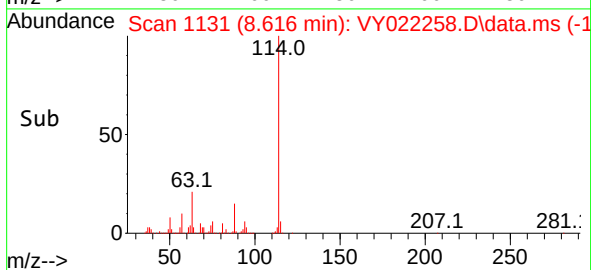
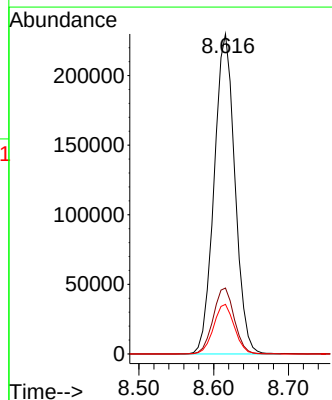
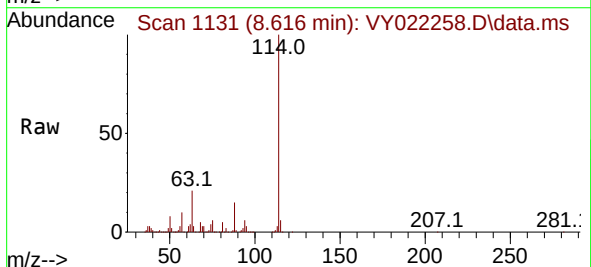
Tgt Ion:114 Resp: 442917

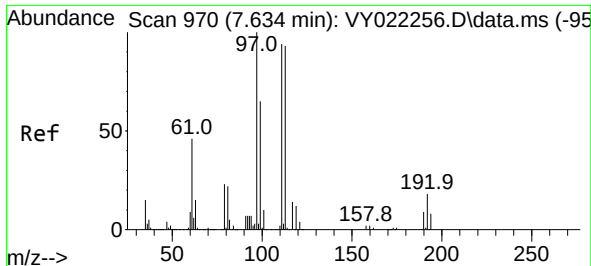
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 15.5 0.0 29.4





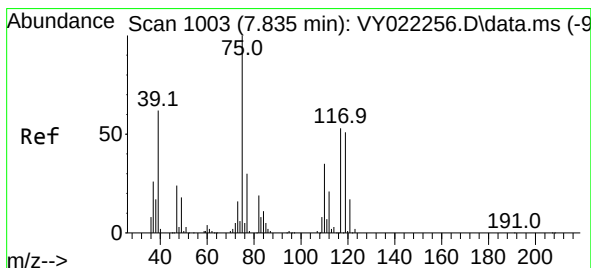
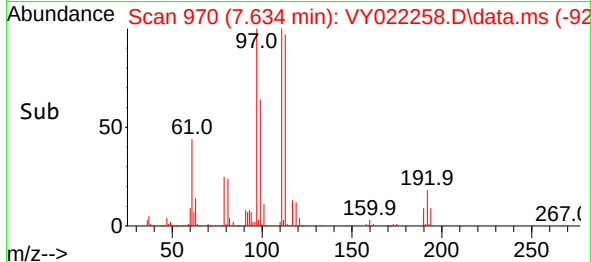
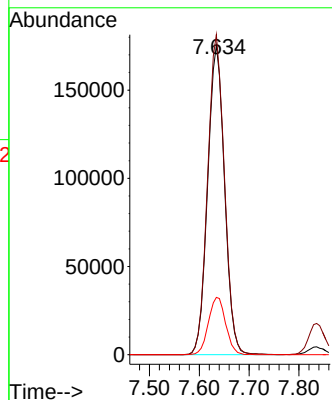
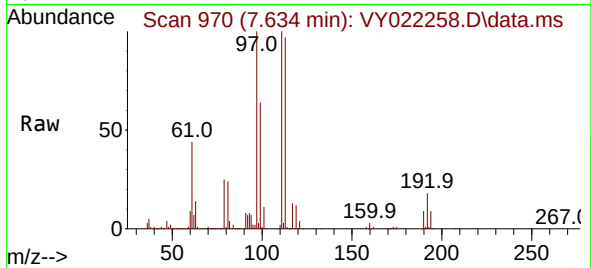
#35
Dibromofluoromethane
Concen: 155.969 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:113 Resp: 412318
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 18.9 15.2 22.8

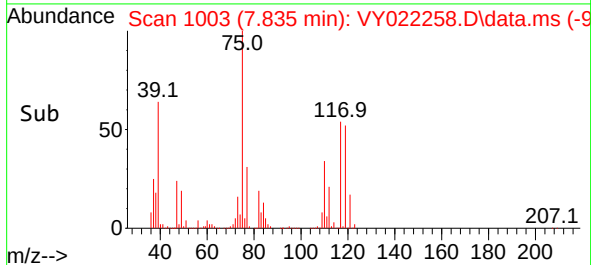
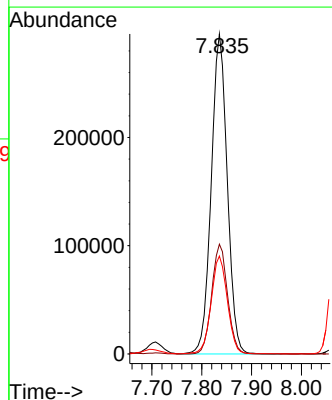
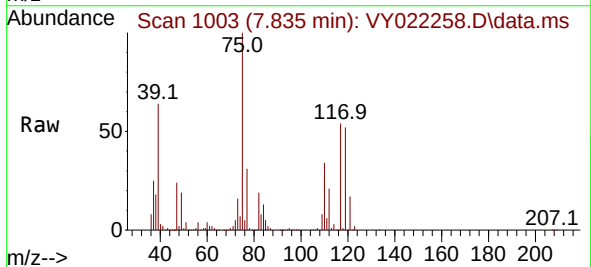
Manual Integrations
APPROVED

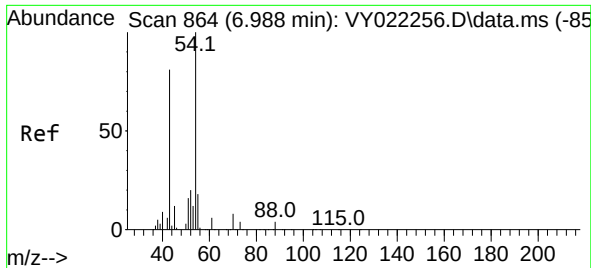
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#36
1,1-Dichloropropene
Concen: 151.316 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

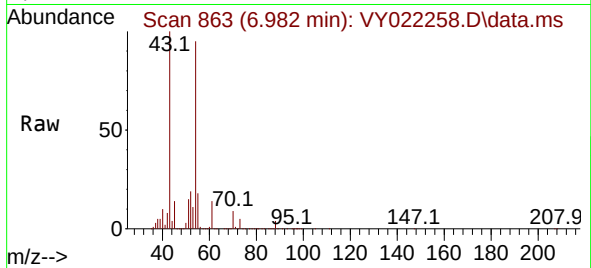
Tgt Ion: 75 Resp: 658871
Ion Ratio Lower Upper
75 100
110 33.9 16.6 49.8
77 30.7 24.6 37.0





#37
Ethyl Acetate
Concen: 153.067 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

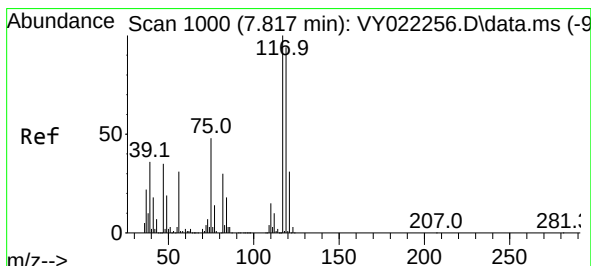
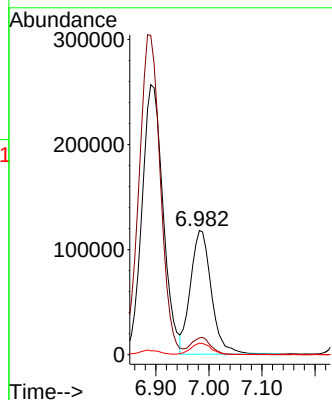
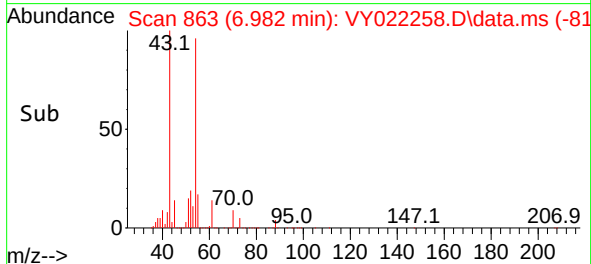
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 320680
Ion Ratio Lower Upper
43 100
61 13.3 10.2 15.2
70 9.3 7.6 11.4

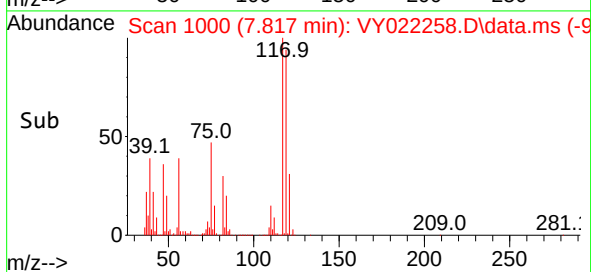
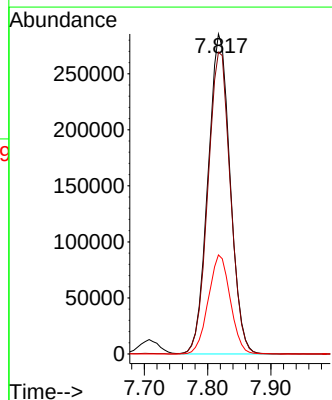
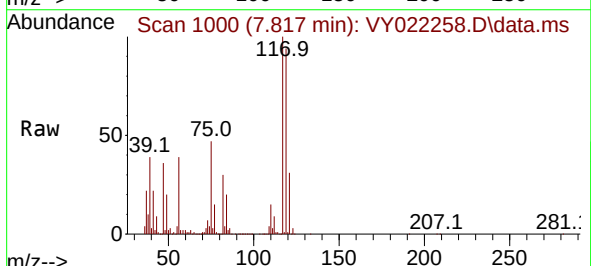
Manual Integrations
APPROVED

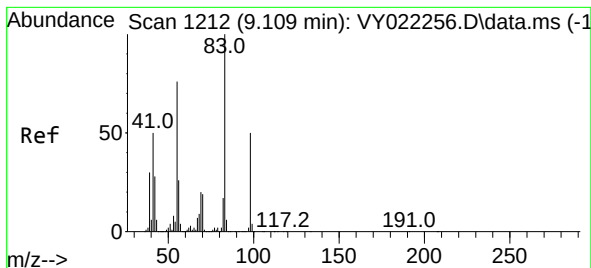
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#38
Carbon Tetrachloride
Concen: 154.450 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:117 Resp: 696139
Ion Ratio Lower Upper
117 100
119 94.3 75.3 112.9
121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 151.510 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 886329

Ion Ratio Lower Upper

83 100

55 75.1 60.6 90.8

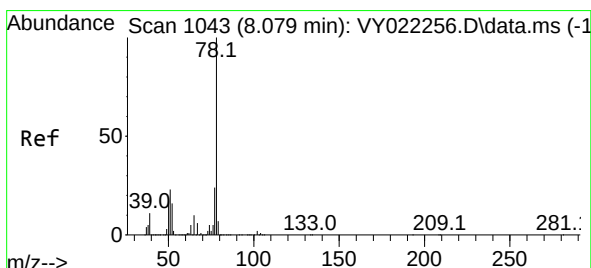
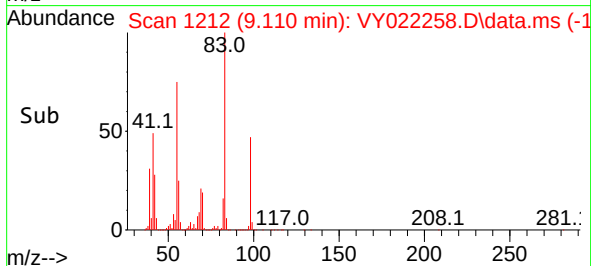
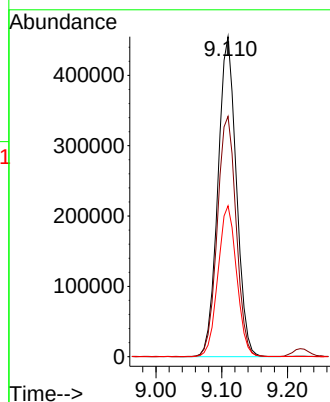
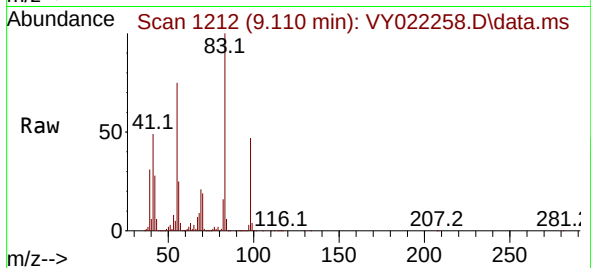
98 47.2 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#40

Benzene

Concen: 153.973 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022258.D

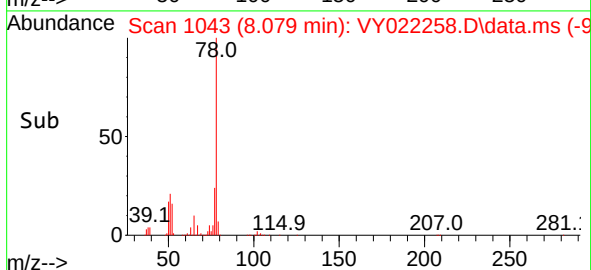
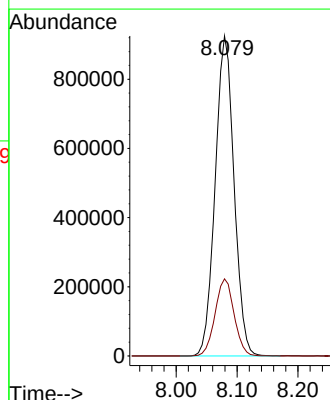
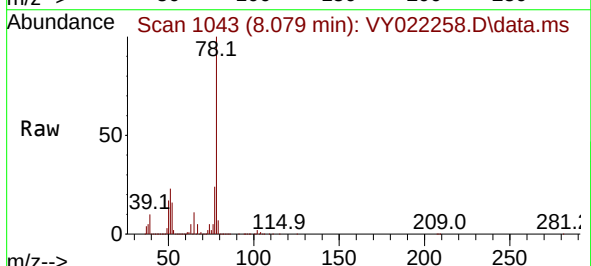
Acq: 15 May 2025 11:47

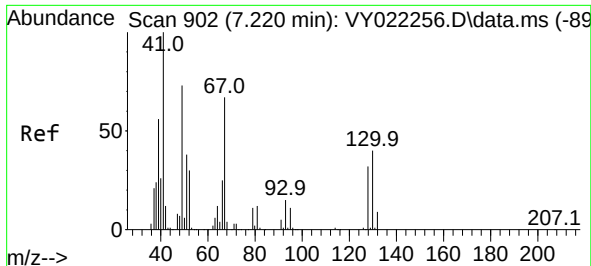
Tgt Ion: 78 Resp: 1987535

Ion Ratio Lower Upper

78 100

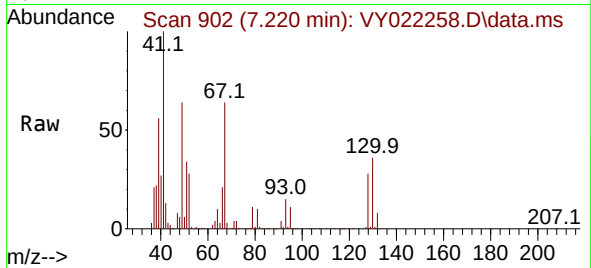
77 24.1 18.9 28.3





#41
Methacrylonitrile
Concen: 132.161 ug/l m
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

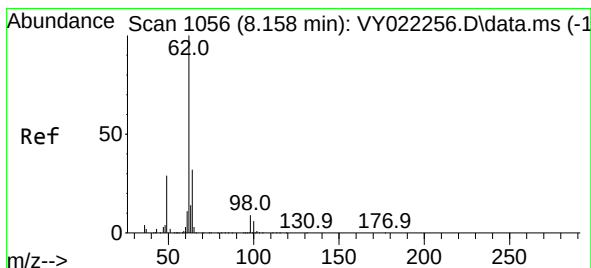
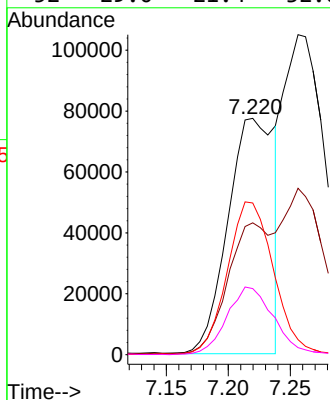
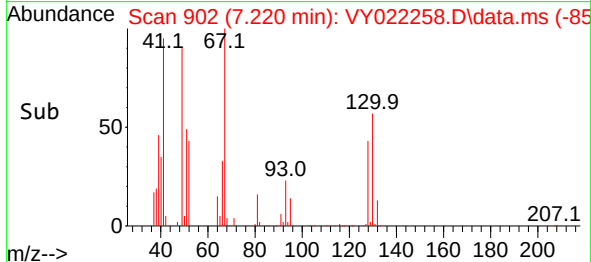
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:	41	Resp:	20260
Ion Ratio	100	Lower	Upper
39	47.7	39.1	58.7
67	64.4	47.1	70.7
52	29.0	21.4	32.0

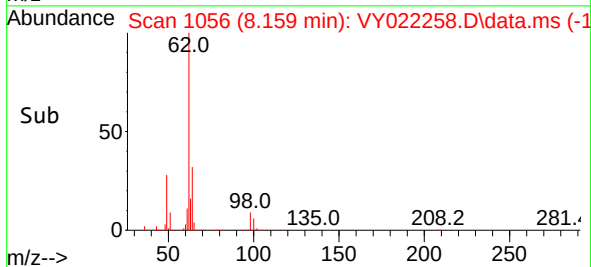
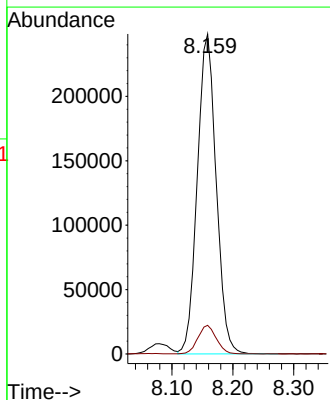
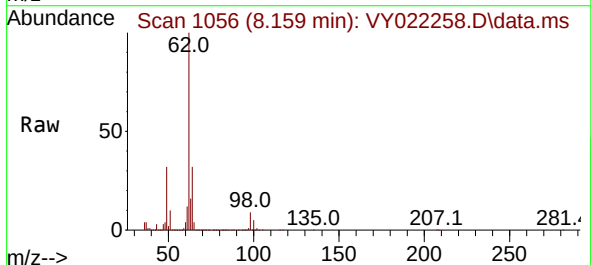
Manual Integrations
APPROVED

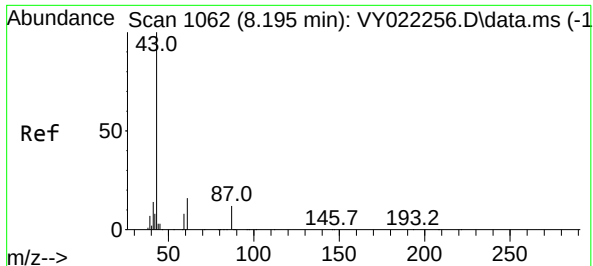
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 153.124 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

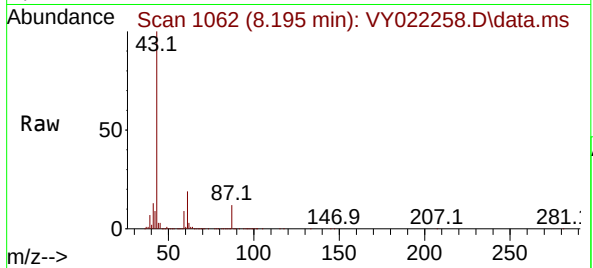
Tgt Ion:	62	Resp:	534517
Ion Ratio	100	Lower	Upper
98	8.7	0.0	18.4





#43
Isopropyl Acetate
Concen: 154.159 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

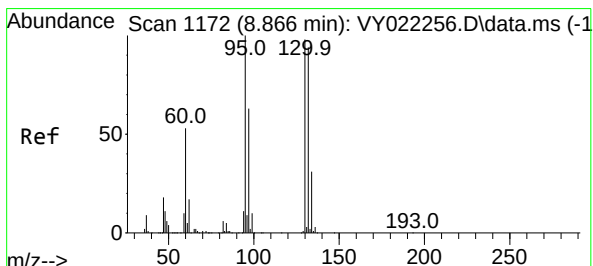
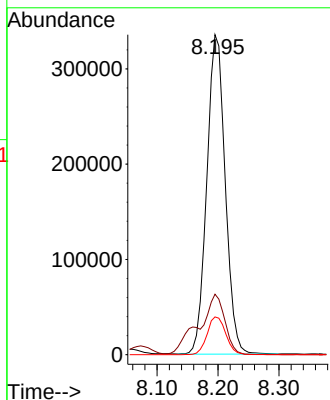
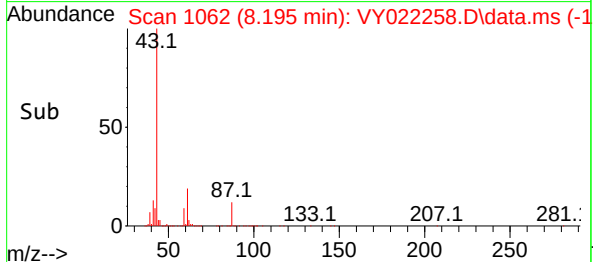
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 704360
Ion Ratio Lower Upper
43 100
61 27.0 15.1 22.7
87 12.0 9.7 14.5

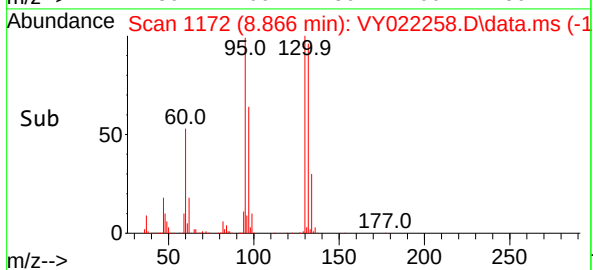
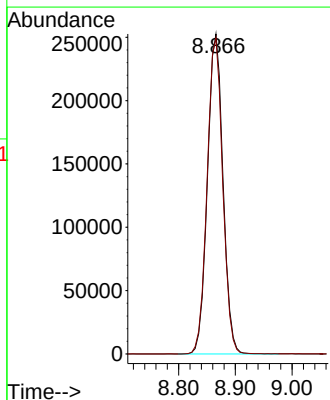
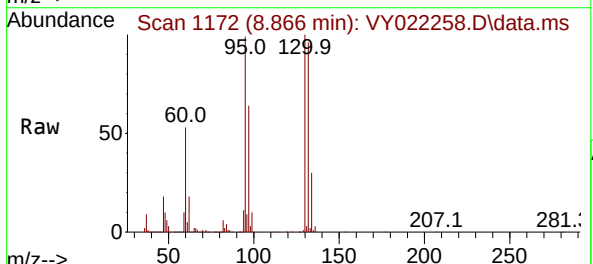
Manual Integrations
APPROVED

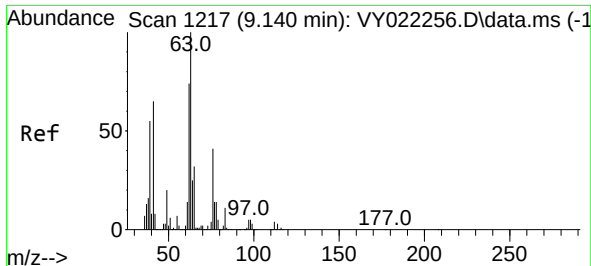
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#44
Trichloroethene
Concen: 150.171 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:130 Resp: 481990
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.8





#45

1,2-Dichloropropane

Concen: 151.736 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 47221

Ion Ratio Lower Upper

63 100

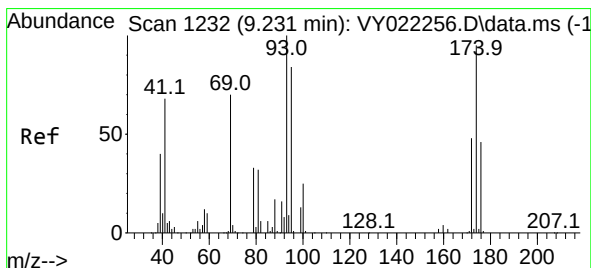
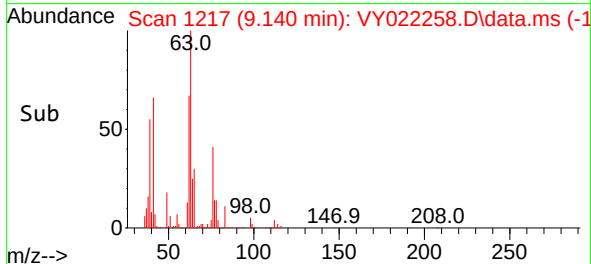
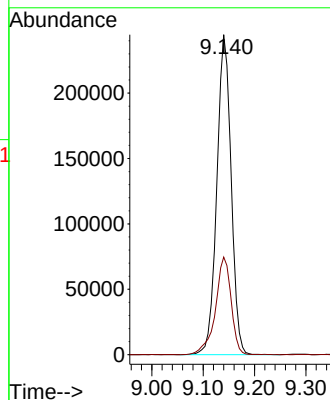
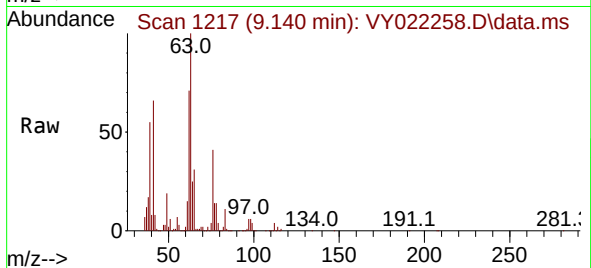
65 30.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 153.757 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

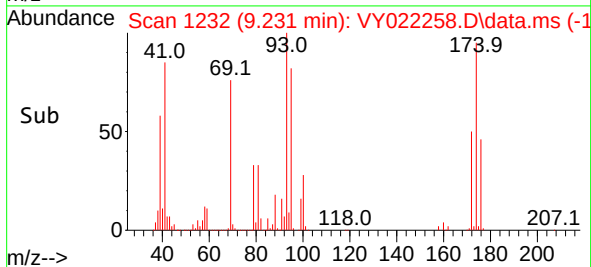
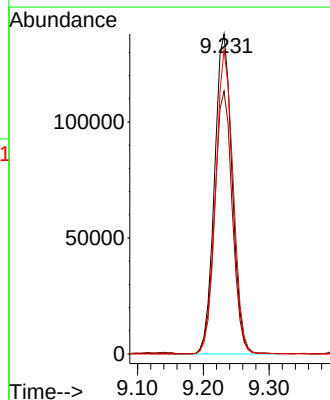
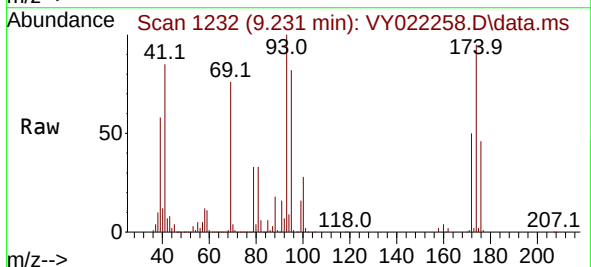
Tgt Ion: 93 Resp: 258087

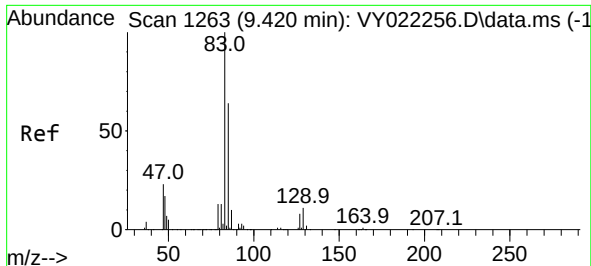
Ion Ratio Lower Upper

93 100

95 82.1 65.2 97.8

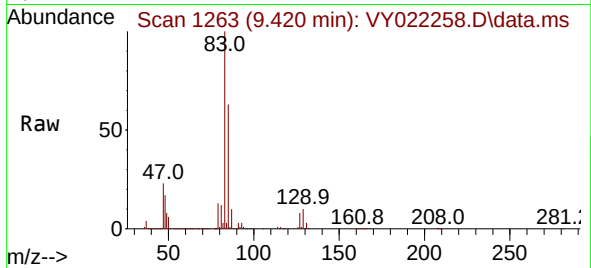
174 93.5 74.3 111.5





#47
Bromodichloromethane
Concen: 153.824 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

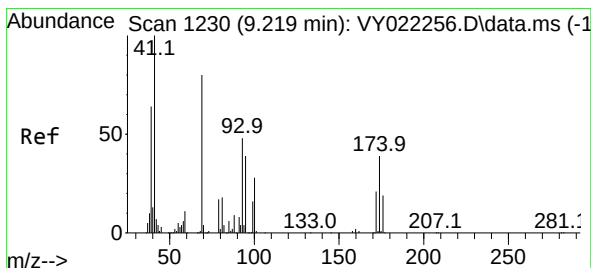
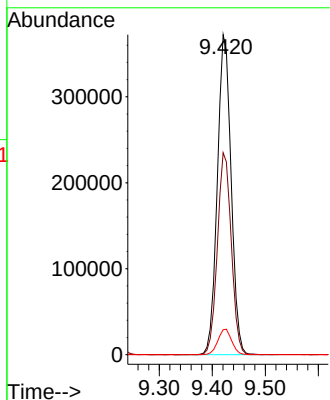
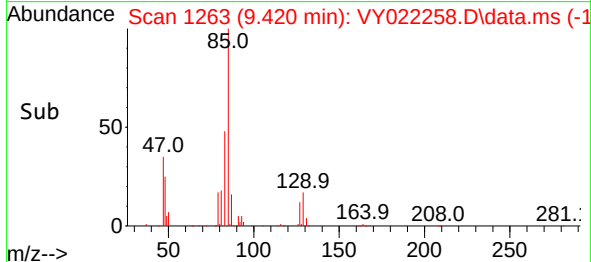
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 669834
Ion Ratio Lower Upper
83 100
85 63.1 51.1 76.7
127 7.8 6.6 10.0

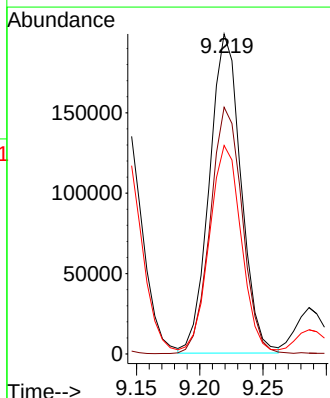
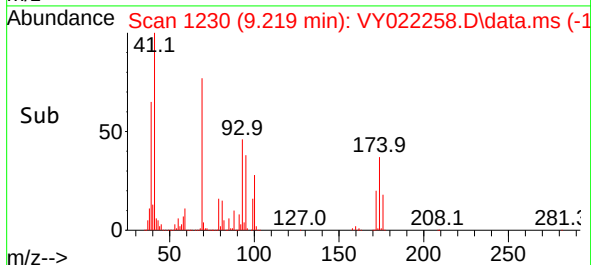
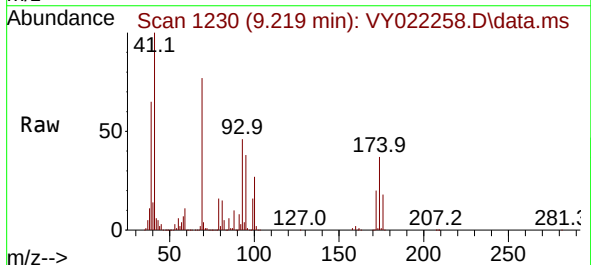
Manual Integrations
APPROVED

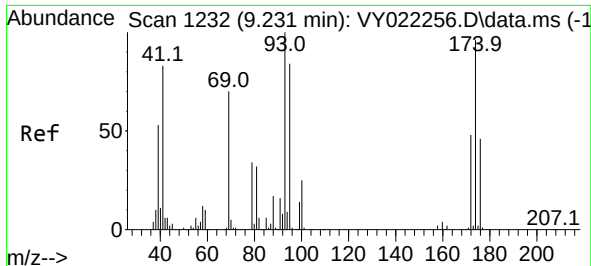
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48
Methyl methacrylate
Concen: 161.060 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 41 Resp: 344147
Ion Ratio Lower Upper
41 100
69 78.5 63.5 95.3
39 64.1 50.8 76.2





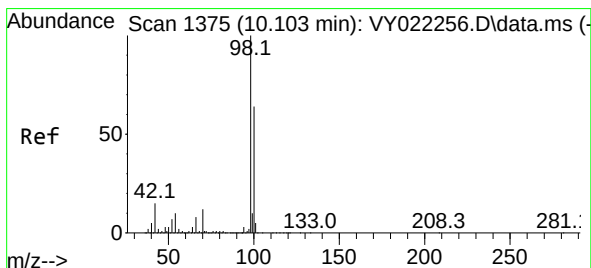
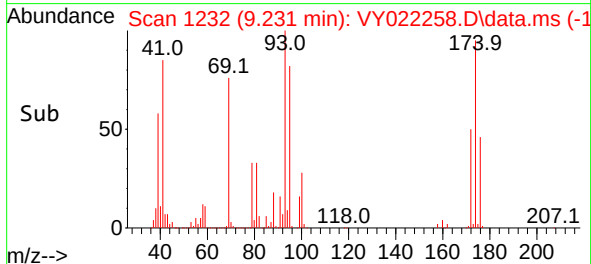
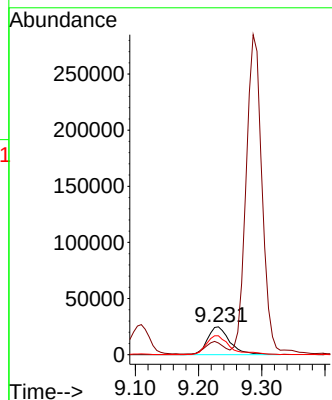
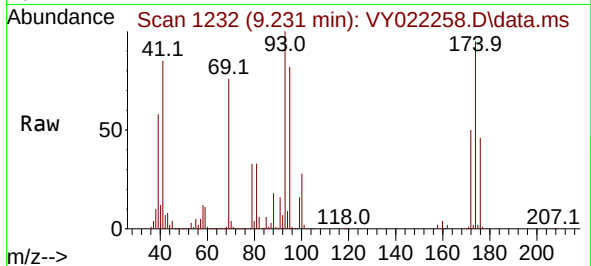
#49
1,4-Dioxane
Concen: 3217.888 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 61019
Ion Ratio Lower Upper
88 100
43 36.9 28.5 42.7
58 71.3 61.4 92.2

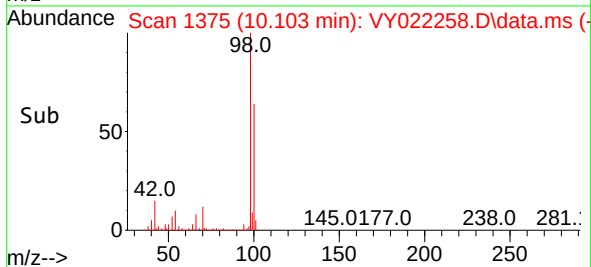
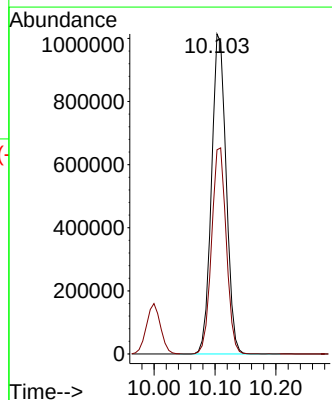
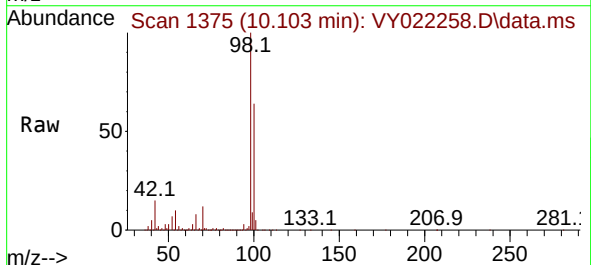
Manual Integrations
APPROVED

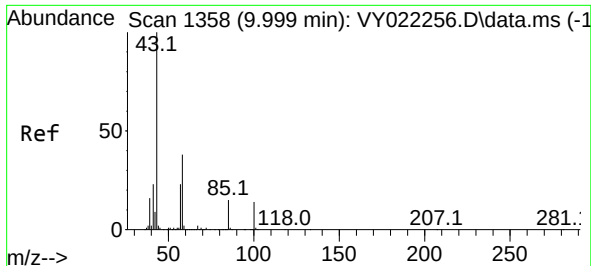
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#50
Toluene-d8
Concen: 156.065 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 98 Resp: 1689714
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8





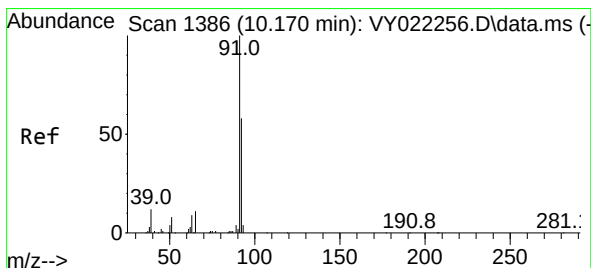
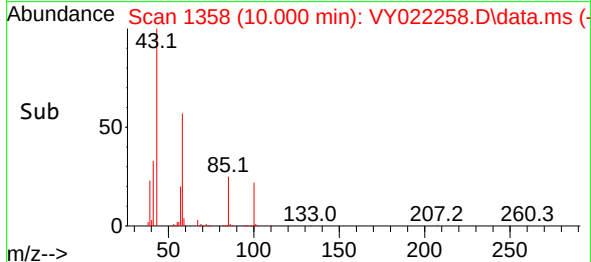
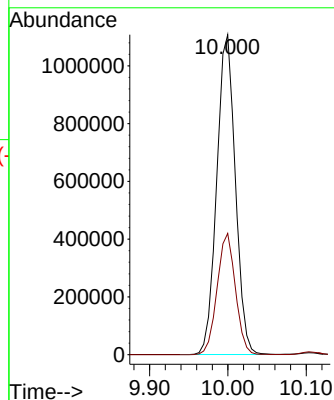
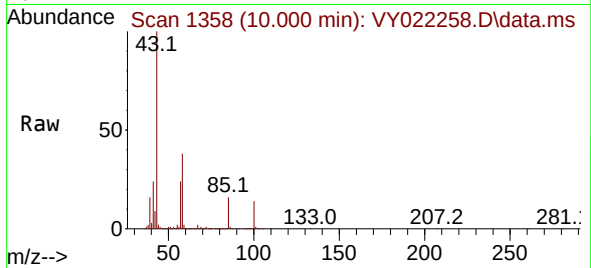
#51
4-Methyl-2-Pentanone
Concen: 815.822 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1829015
Ion Ratio Lower Upper
43 100
58 37.3 29.4 44.2

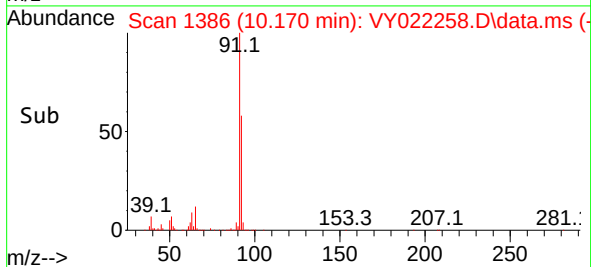
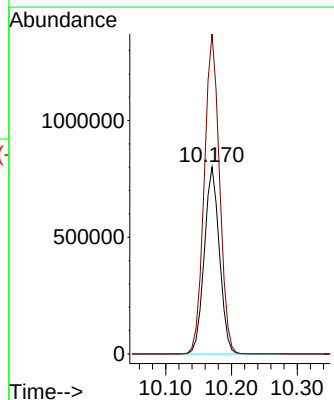
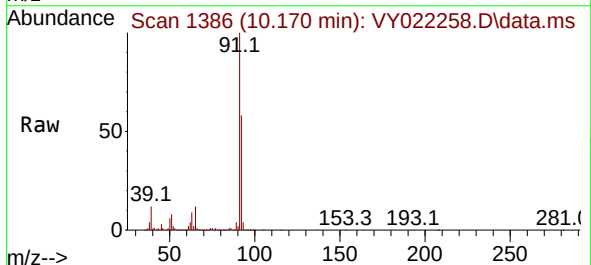
Manual Integrations
APPROVED

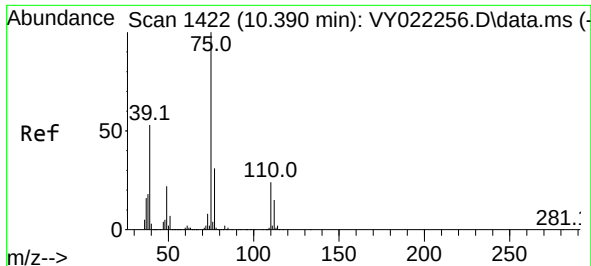
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#52
Toluene
Concen: 156.216 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

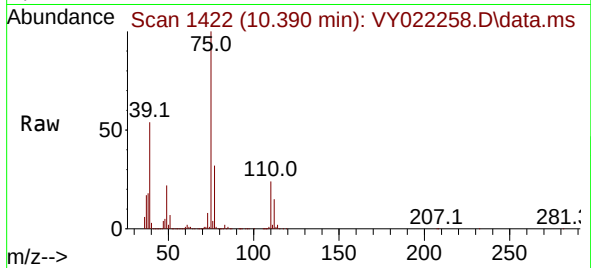
Tgt Ion: 92 Resp: 1276917
Ion Ratio Lower Upper
92 100
91 173.1 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 156.134 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

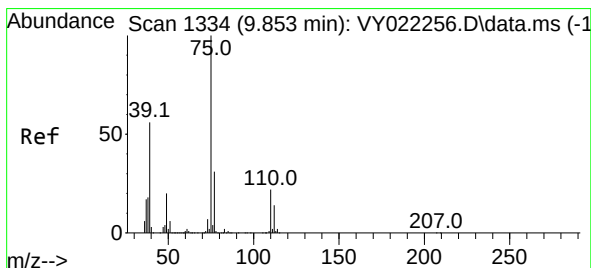
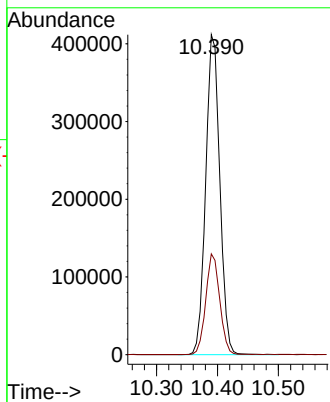
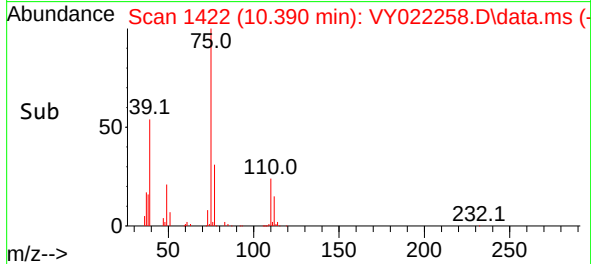
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 66351
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6

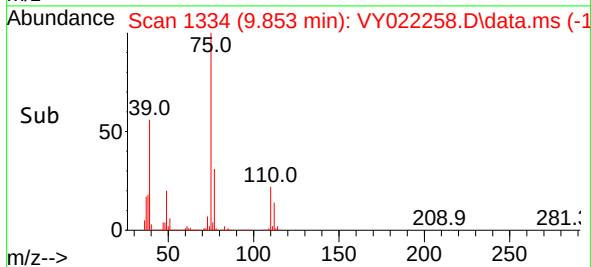
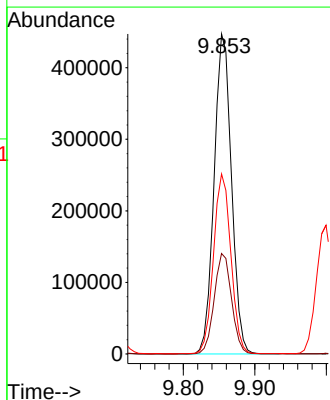
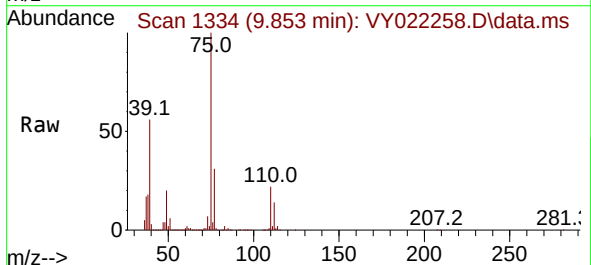
Manual Integrations
APPROVED

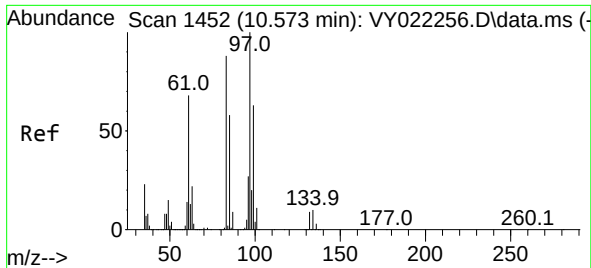
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 154.963 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

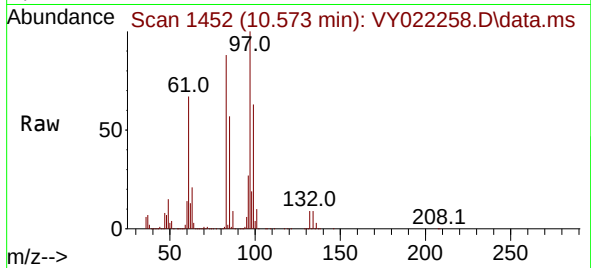
Tgt Ion: 75 Resp: 754493
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 56.2 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 153.863 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

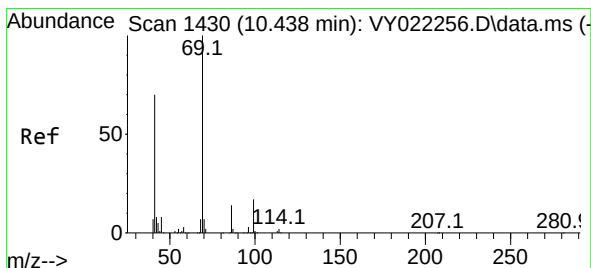
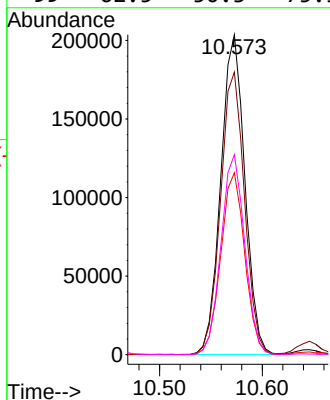
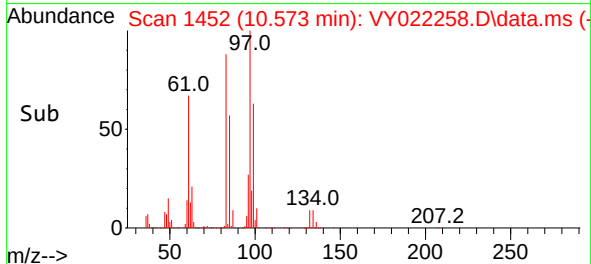


Tgt Ion: 97 Resp: 330710

Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.3	105.5
85	56.8	46.2	69.4
99	62.5	50.3	75.5

Manual Integrations
APPROVED

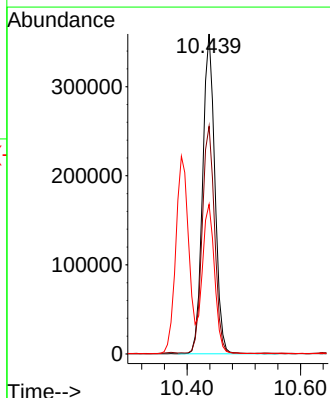
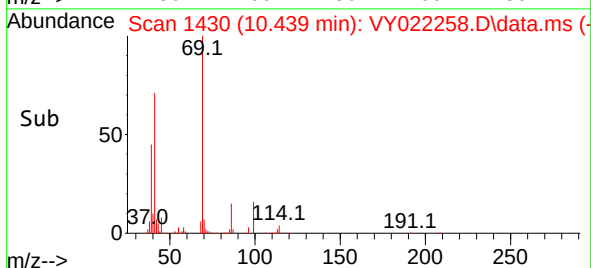
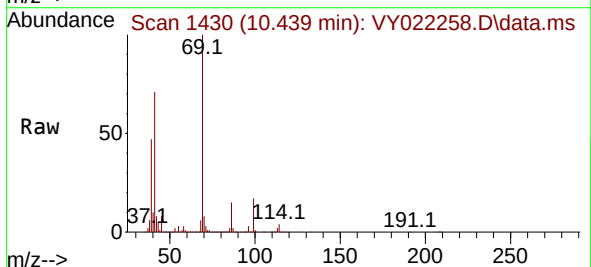
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

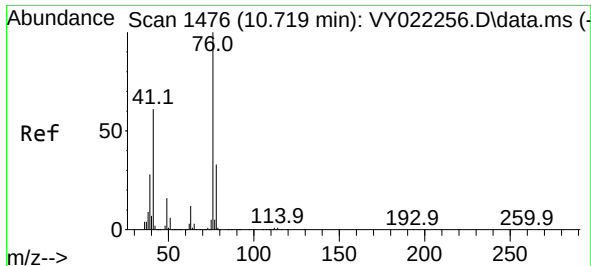


#56
Ethyl methacrylate
Concen: 160.058 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 69 Resp: 535897

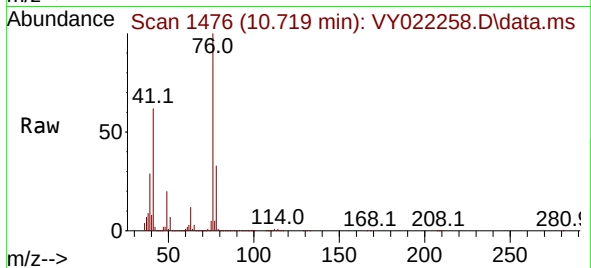
Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.5	84.7
39	46.8	37.1	55.7





#57
1,3-Dichloropropane
Concen: 152.987 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

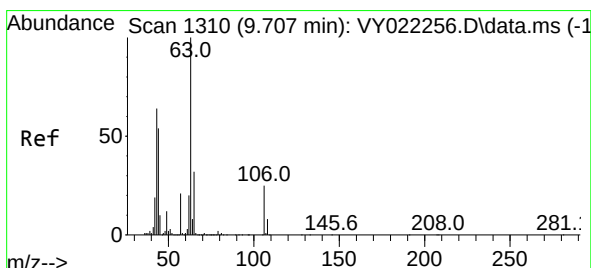
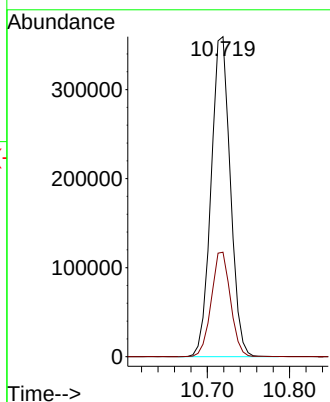
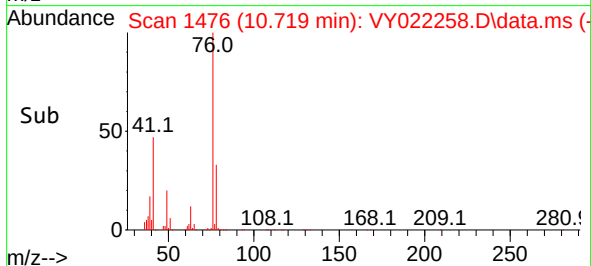
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



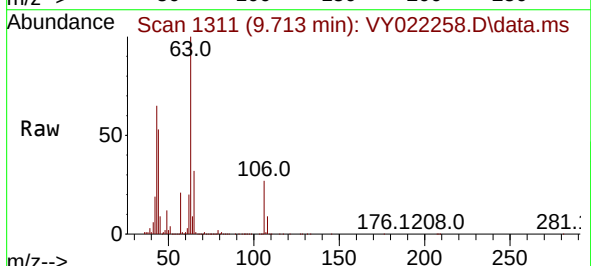
Tgt Ion: 76 Resp: 58425
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

Manual Integrations
APPROVED

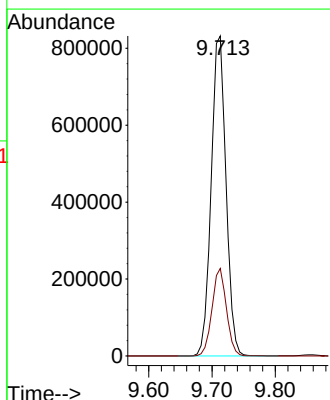
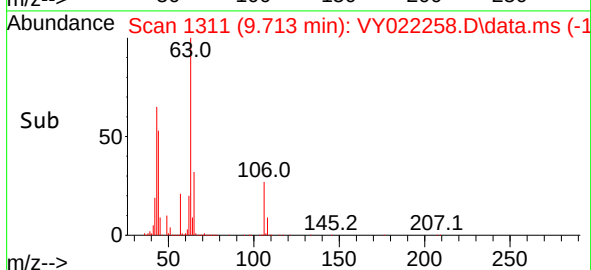
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

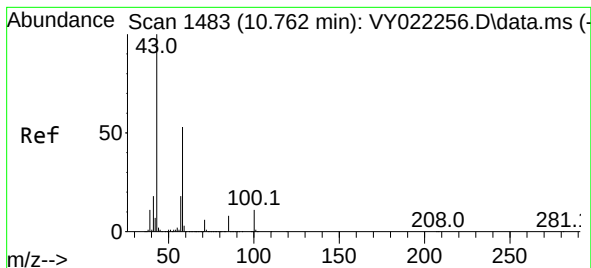


#58
2-Chloroethyl Vinyl ether
Concen: 898.675 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



Tgt Ion: 63 Resp: 1350536
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.4





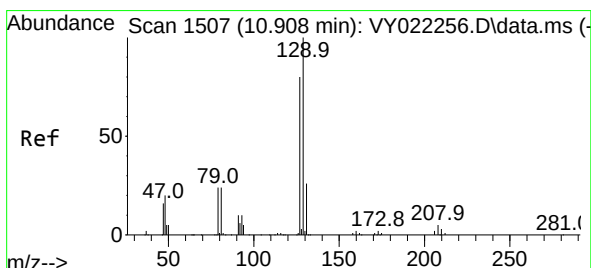
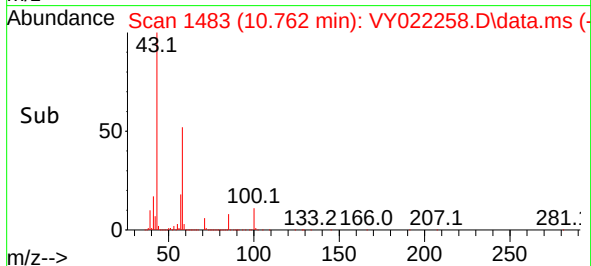
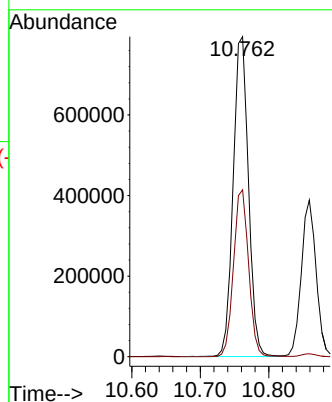
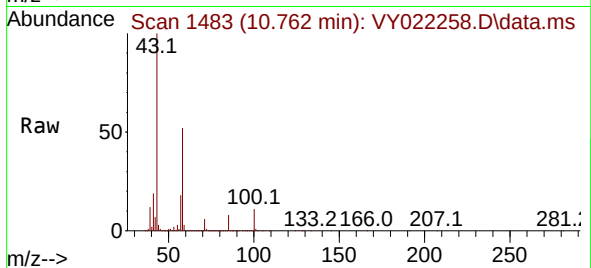
#59
2-Hexanone
Concen: 816.860 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 122788
Ion Ratio Lower Upper
43 100
58 51.7 26.1 78.3

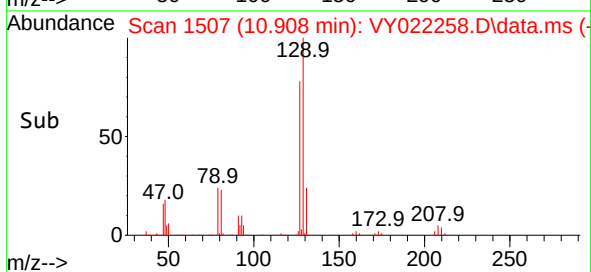
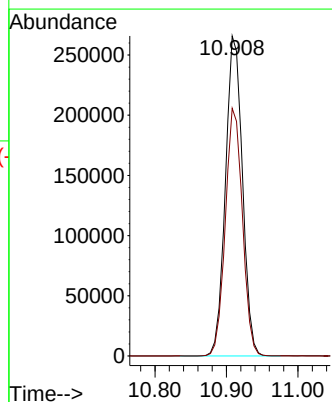
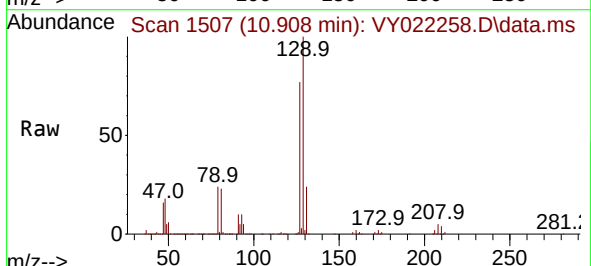
Manual Integrations
APPROVED

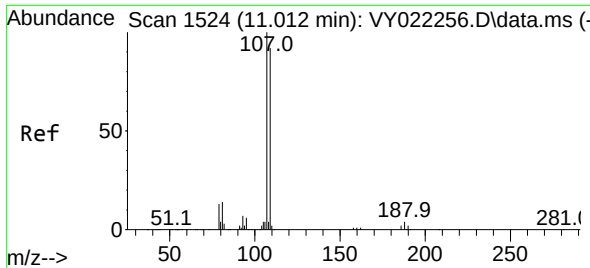
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#60
Dibromochloromethane
Concen: 157.237 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

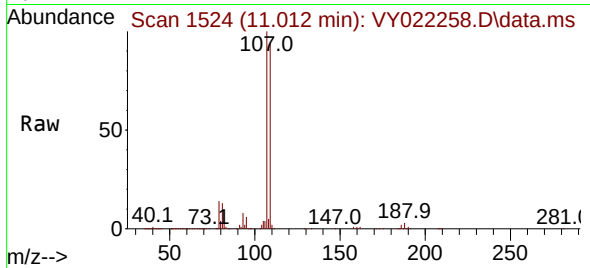
Tgt Ion:129 Resp: 438666
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





#61
1,2-Dibromoethane
Concen: 154.008 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

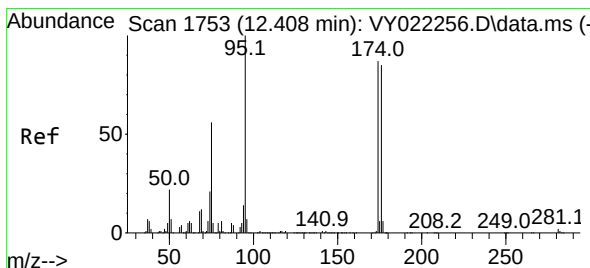
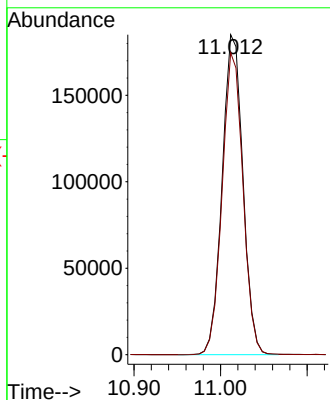
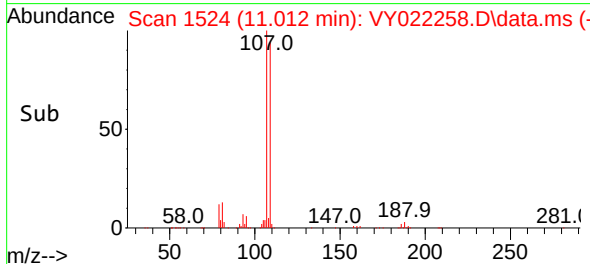
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:107 Resp: 308529
Ion Ratio Lower Upper
107 100
109 94.4 74.6 111.8

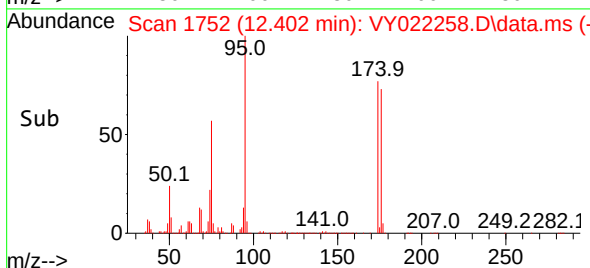
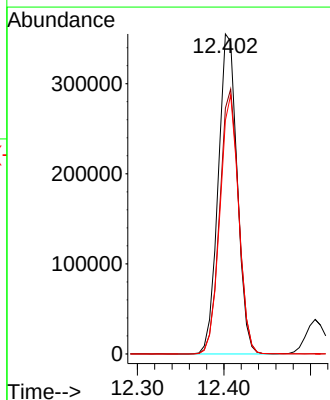
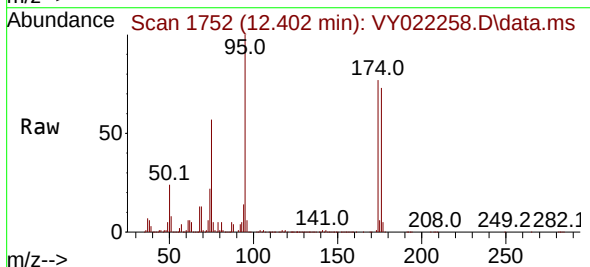
Manual Integrations
APPROVED

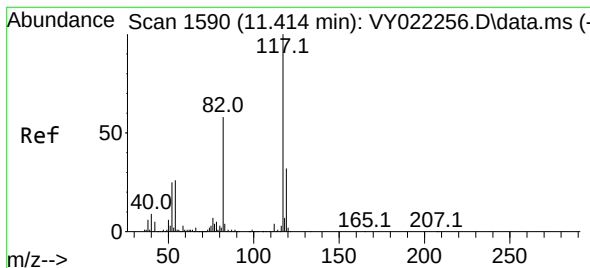
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 157.751 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

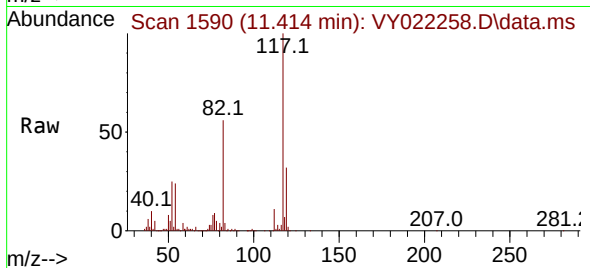
Tgt Ion: 95 Resp: 541367
Ion Ratio Lower Upper
95 100
174 82.5 0.0 166.8
176 79.8 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

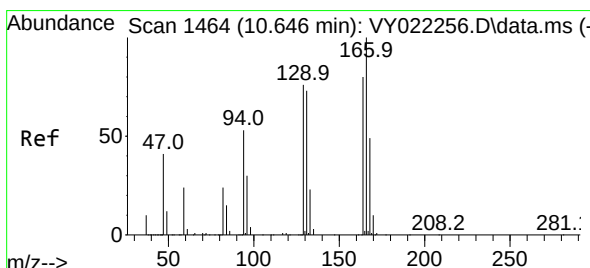
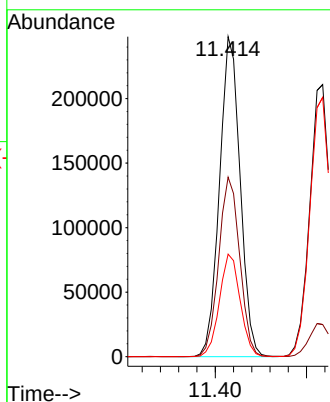
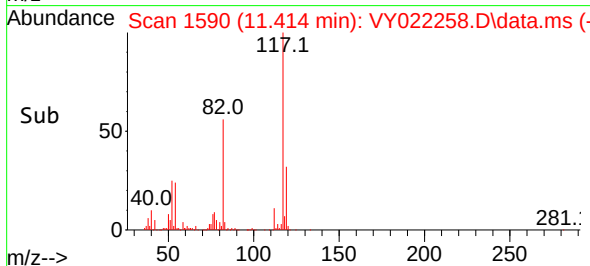
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



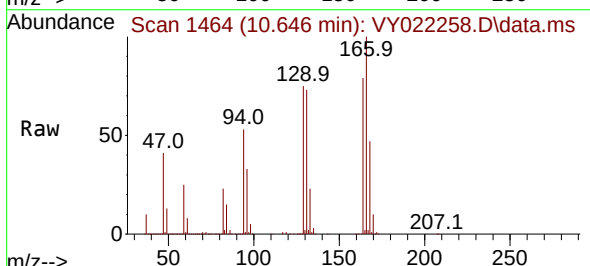
Tgt Ion:117 Resp: 389769
Ion Ratio Lower Upper
117 100
82 56.0 46.6 70.0
119 32.0 25.8 38.6

Manual Integrations
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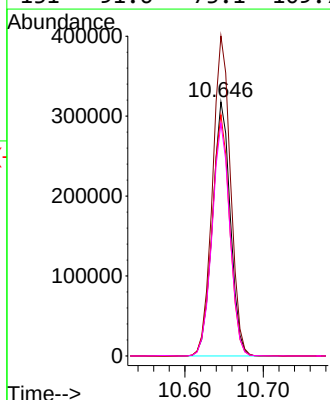
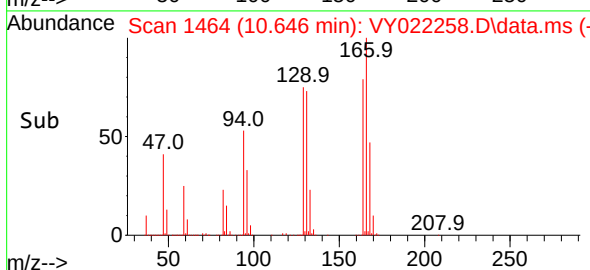
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

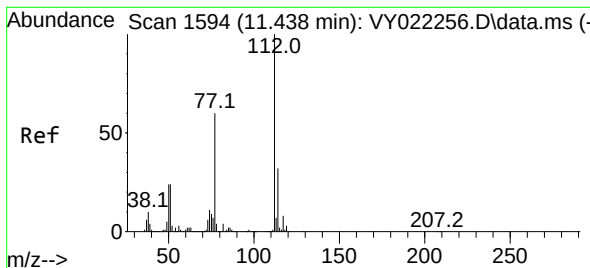


#64
Tetrachloroethene
Concen: 139.237 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



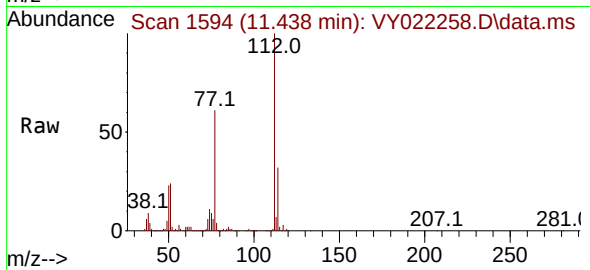
Tgt Ion:164 Resp: 501627
Ion Ratio Lower Upper
164 100
166 125.9 100.4 150.6
129 94.9 76.4 114.6
131 91.6 73.1 109.7





#65
Chlorobenzene
Concen: 151.997 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

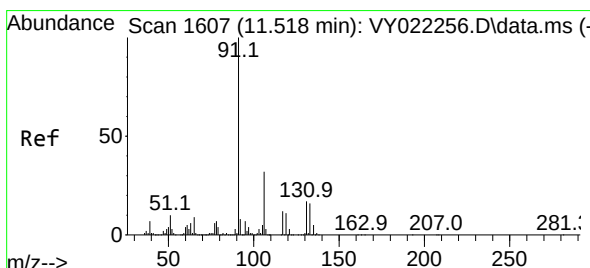
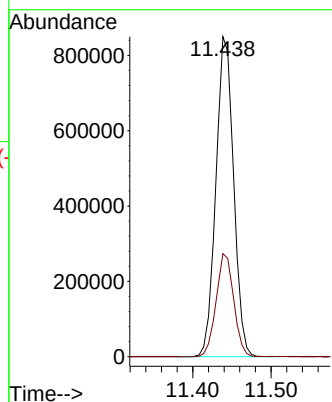
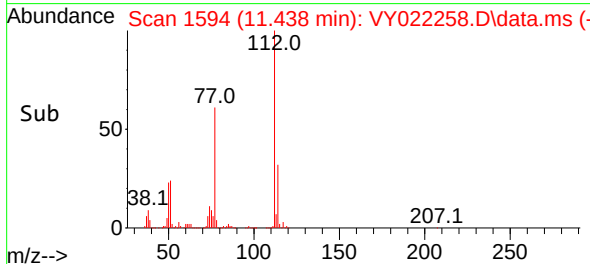
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



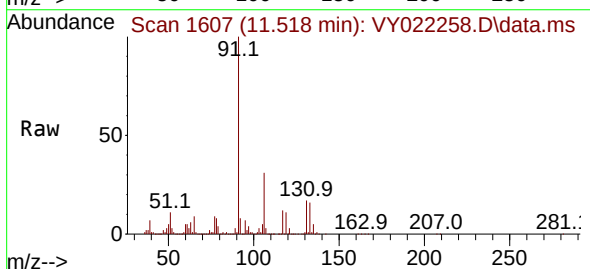
Tgt Ion:112 Resp: 1336594
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

Manual Integrations
APPROVED

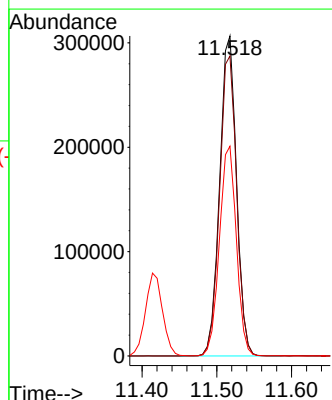
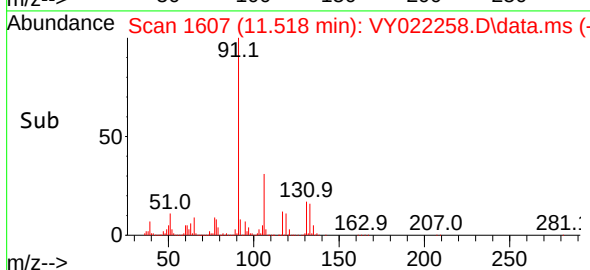
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

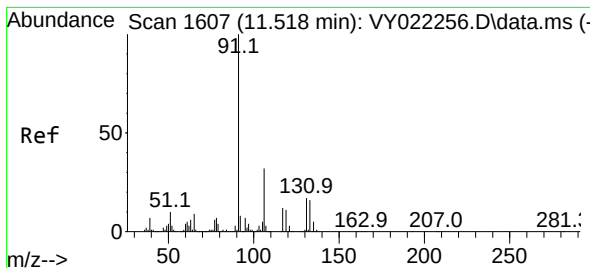


#66
1,1,1,2-Tetrachloroethane
Concen: 158.952 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



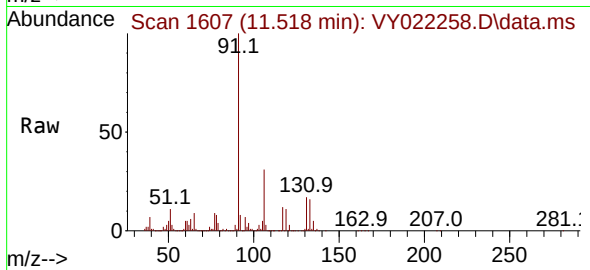
Tgt Ion:131 Resp: 480525
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.9
119 66.2 33.1 99.2





#67
Ethyl Benzene
Concen: 157.756 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

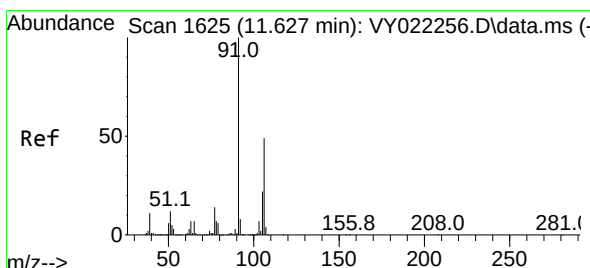
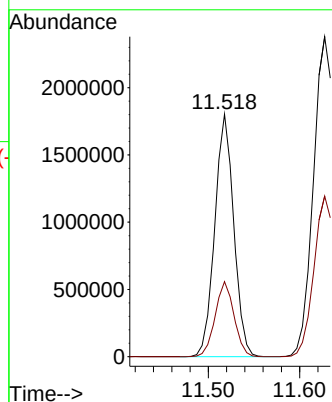
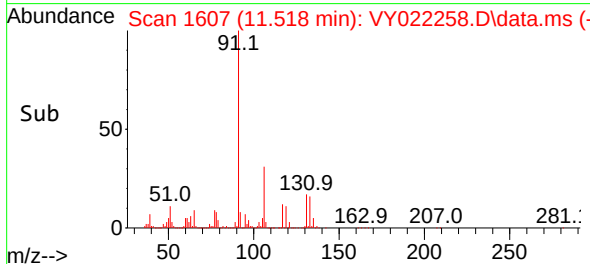
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



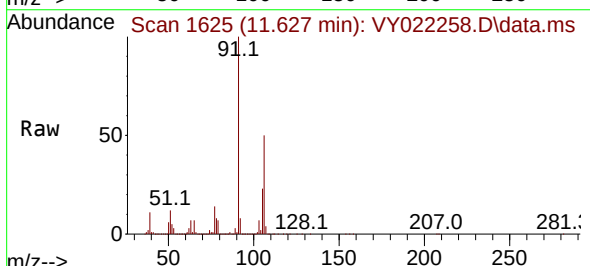
Tgt Ion: 91 Resp: 259802
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0

Manual Integrations
APPROVED

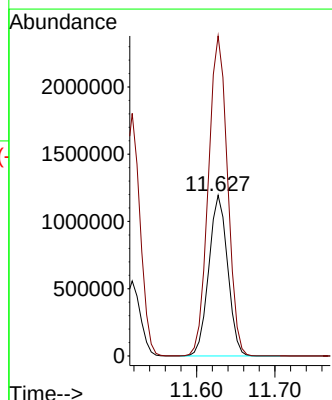
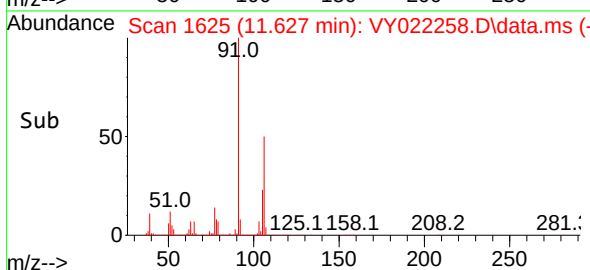
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

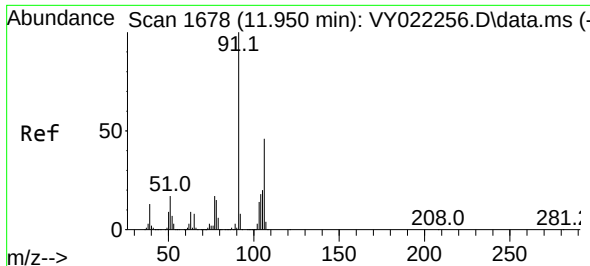


#68
m/p-Xylenes
Concen: 321.066 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



Tgt Ion:106 Resp: 1992413
Ion Ratio Lower Upper
106 100
91 202.7 163.0 244.4





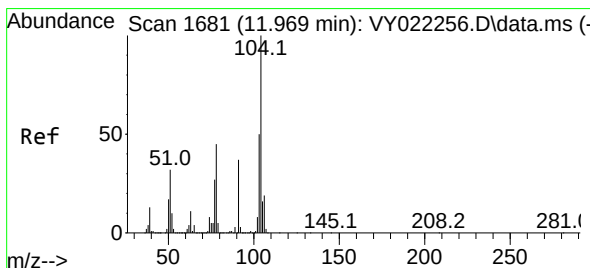
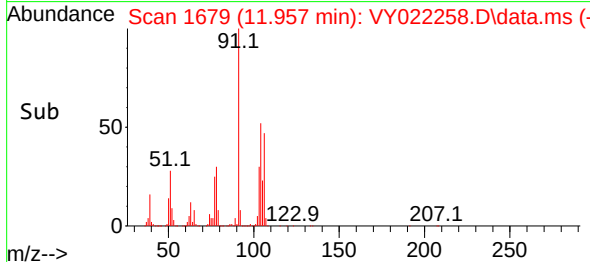
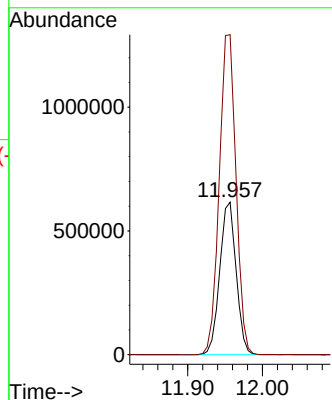
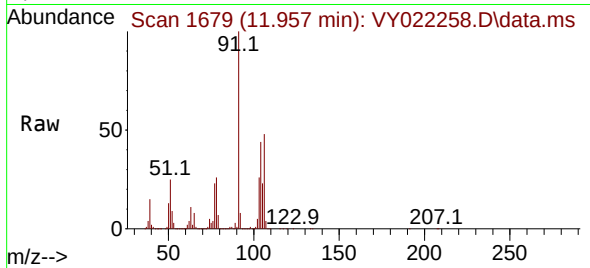
#69
o-Xylene
Concen: 159.714 ug/l
RT: 11.957 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 93772
Ion Ratio Lower Upper
106 100
91 214.6 108.3 324.8

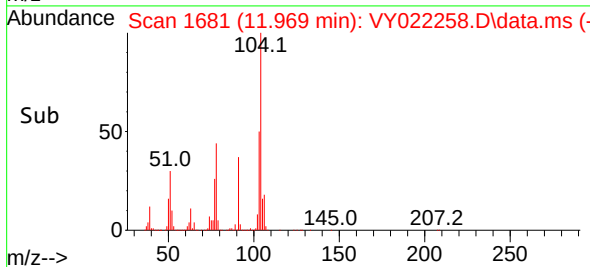
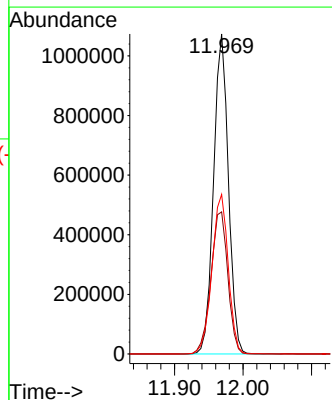
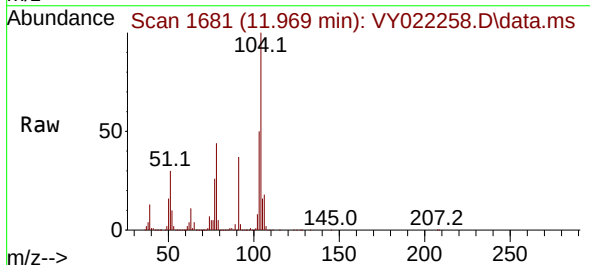
Manual Integrations
APPROVED

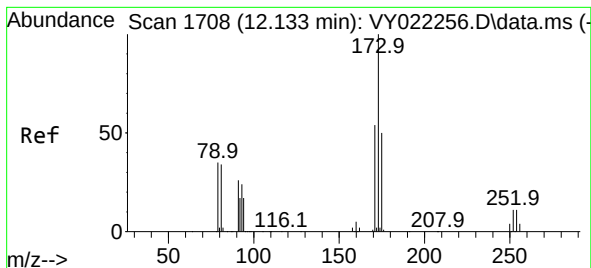
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#70
Styrene
Concen: 162.944 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:104 Resp: 1613798
Ion Ratio Lower Upper
104 100
78 50.8 40.9 61.3
103 54.7 43.7 65.5





#71

Bromoform

Concen: 155.818 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 25425

Ion Ratio Lower Upper

173 100

175 49.0 24.7 74.1

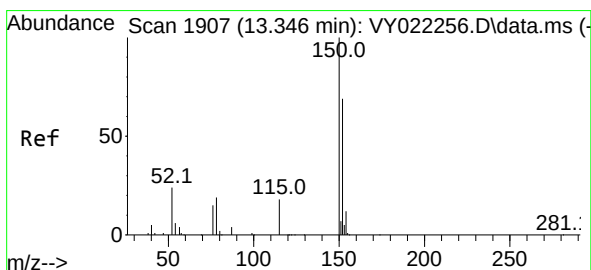
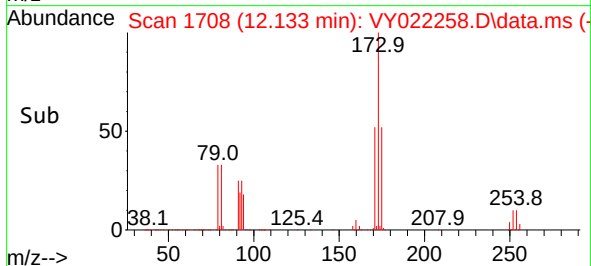
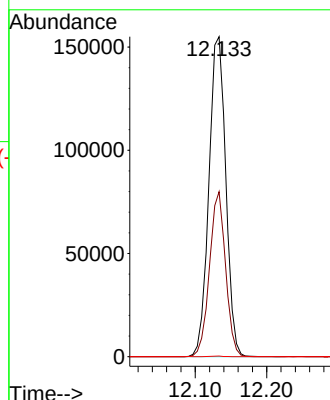
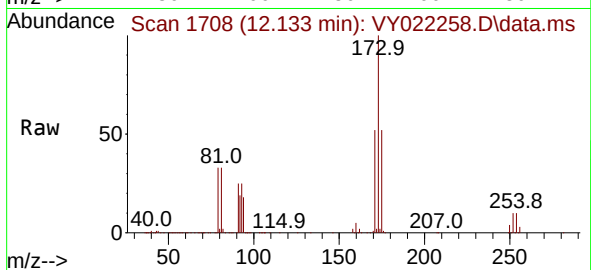
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

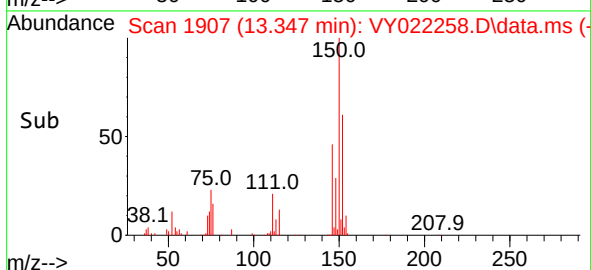
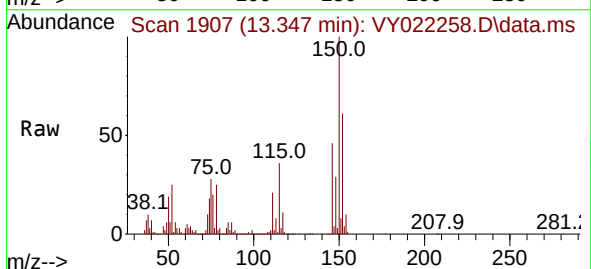
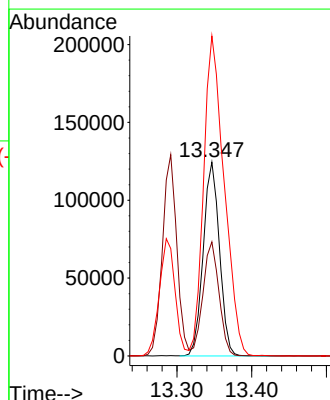
Tgt Ion:152 Resp: 187978

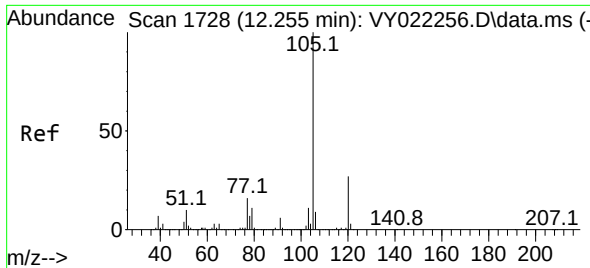
Ion Ratio Lower Upper

152 100

115 58.1 29.4 88.2

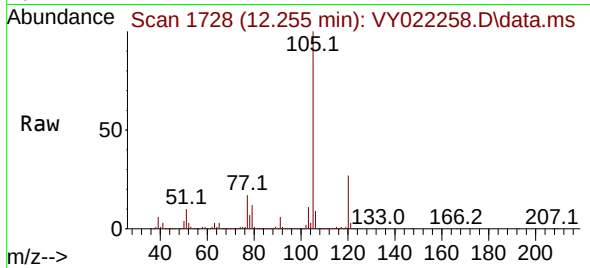
150 208.7 0.0 353.8





#73
Isopropylbenzene
Concen: 151.387 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

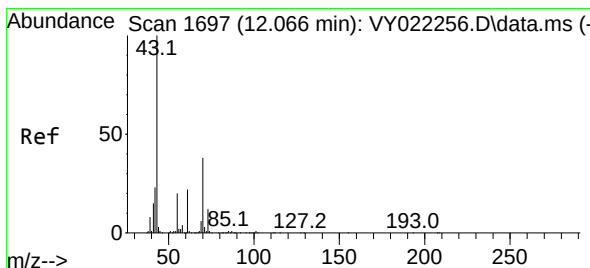
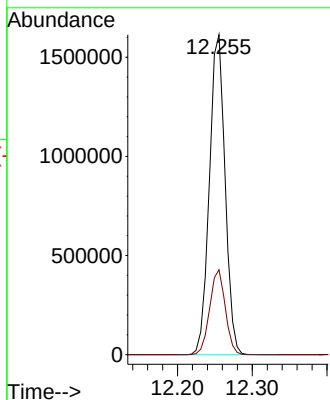
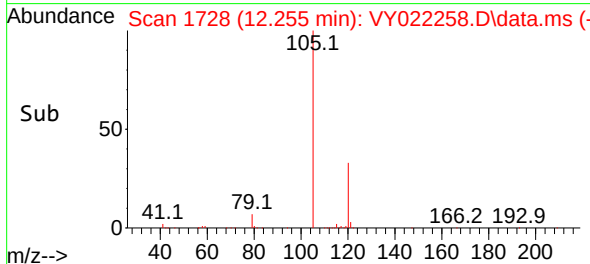
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



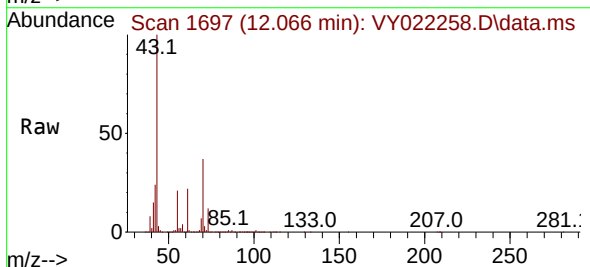
Tgt Ion:105 Resp: 235756
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

Manual Integrations
APPROVED

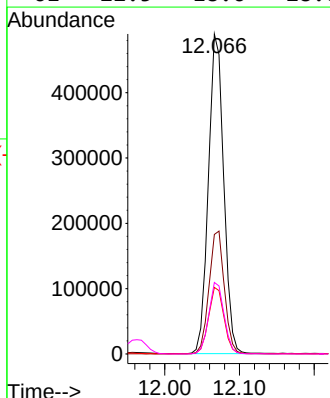
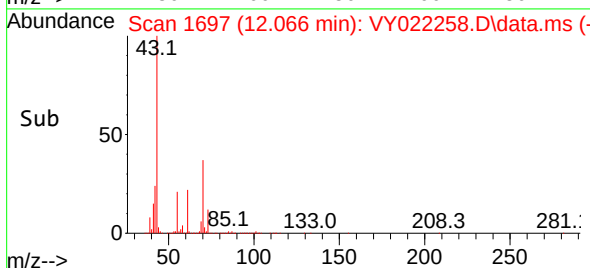
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

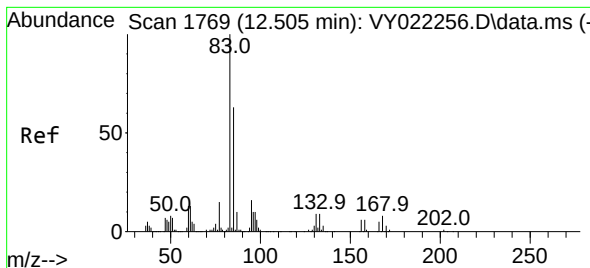


#74
N-ethyl acetate
Concen: 156.041 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



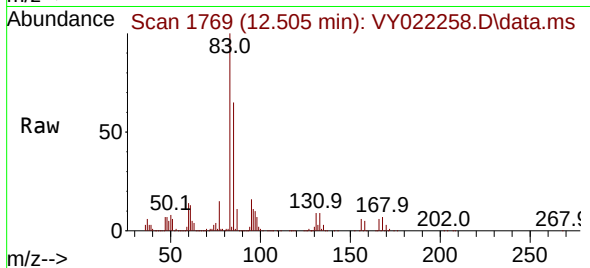
Tgt Ion: 43 Resp: 694999
Ion Ratio Lower Upper
43 100
70 38.7 31.4 47.0
55 21.0 17.0 25.6
61 22.5 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 156.735 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

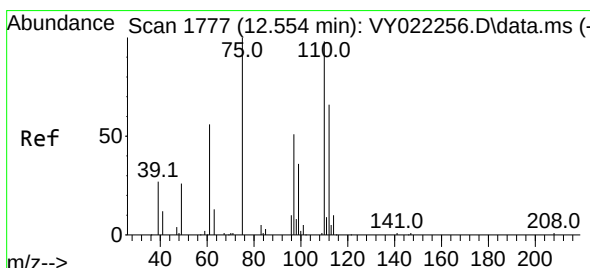
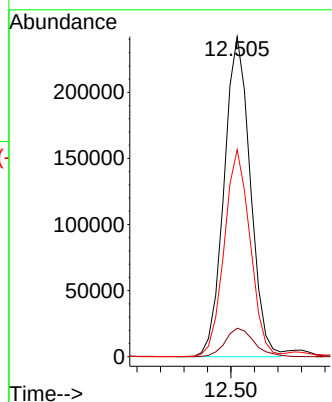
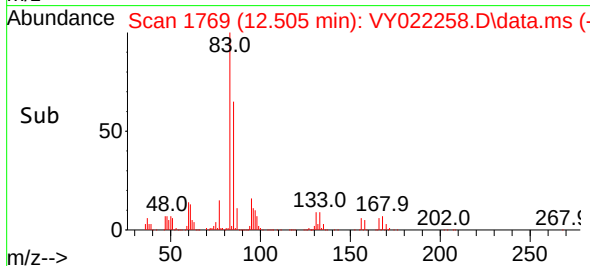
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



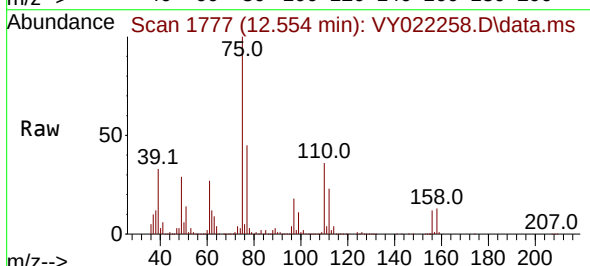
Tgt Ion: 83 Resp: 375378
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 63.8 32.0 96.0

Manual Integrations
APPROVED

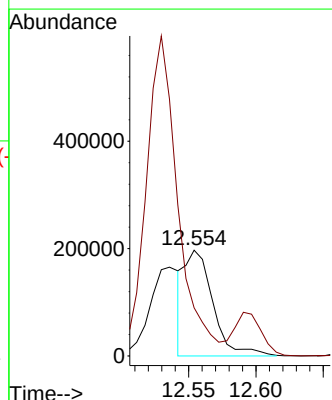
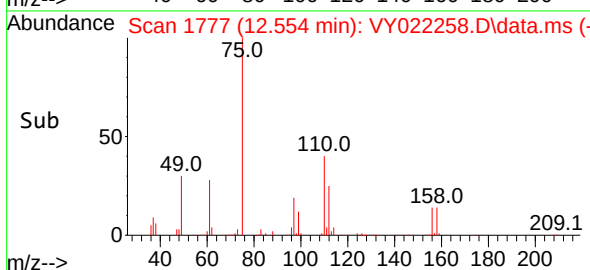
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

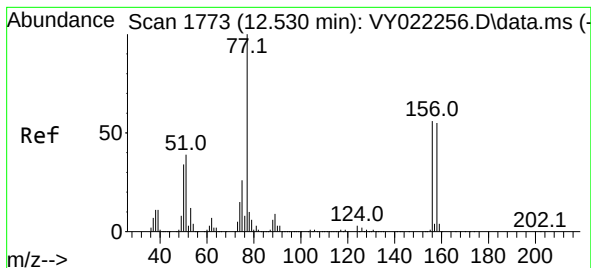


#76
1,2,3-Trichloropropane
Concen: 87.525 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



Tgt Ion: 75 Resp: 289968
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 153.206 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

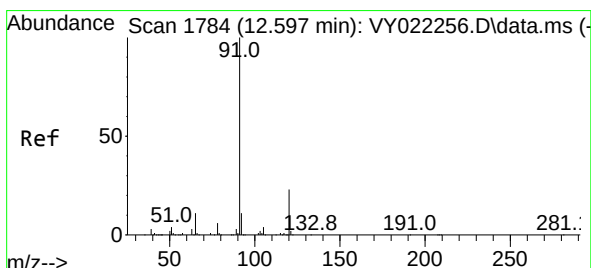
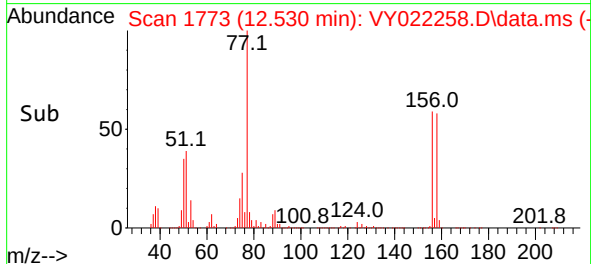
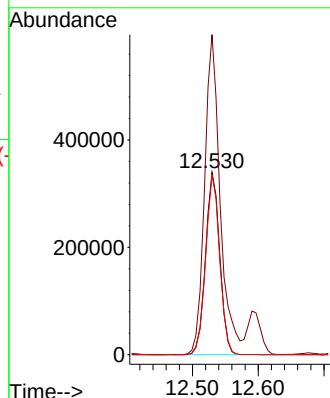
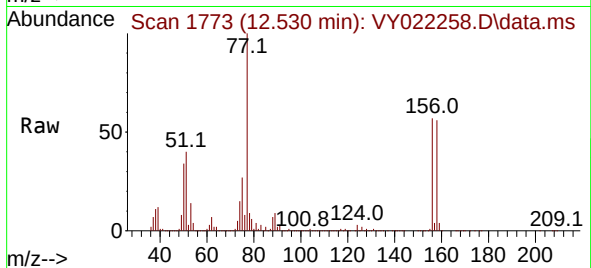
VSTDIC150

Tgt Ion:	156	Resp:	509579
Ion Ratio	Lower	Upper	
156	100		
77	191.5	94.5	283.6
158	97.3	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78

n-propylbenzene

Concen: 150.276 ug/l

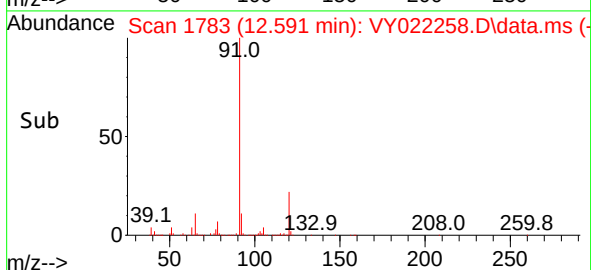
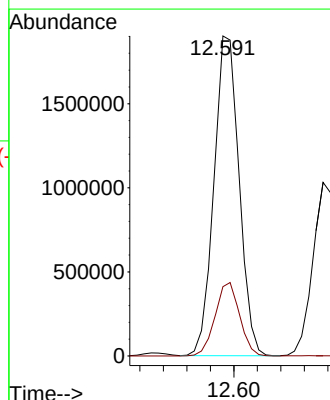
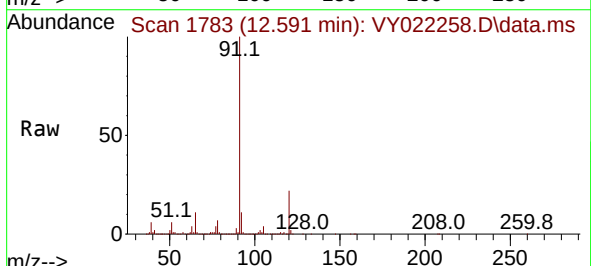
RT: 12.591 min Scan# 1783

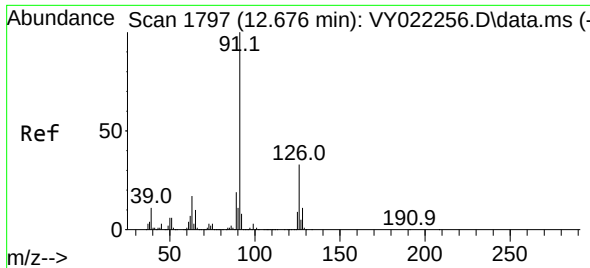
Delta R.T. -0.006 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

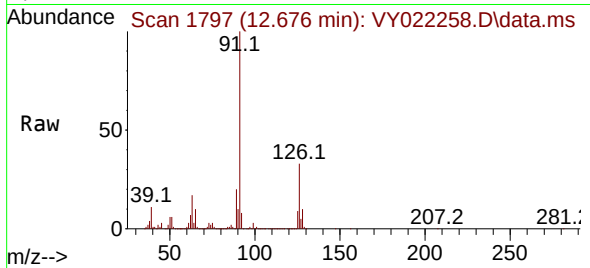
Tgt Ion:	91	Resp:	2822794
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.3





#79
2-Chlorotoluene
Concen: 151.415 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

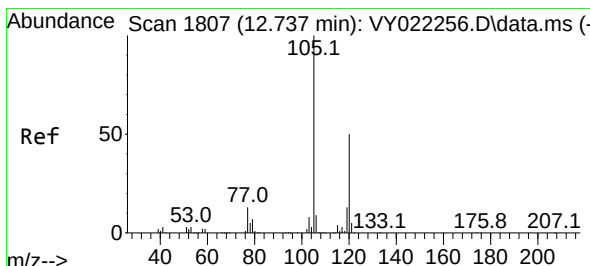
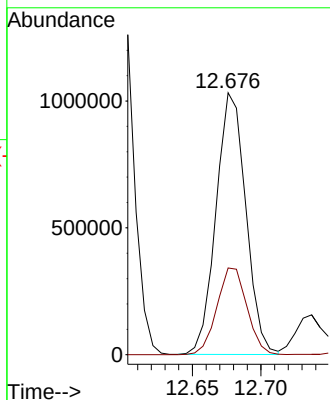
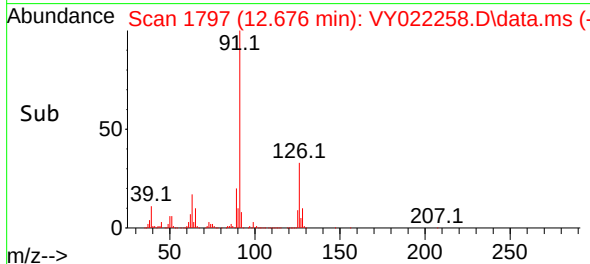
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



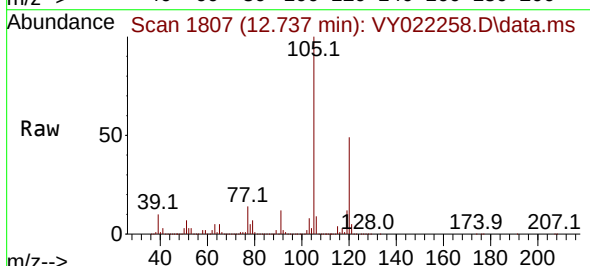
Tgt Ion: 91 Resp: 156300
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.4

Manual Integrations
APPROVED

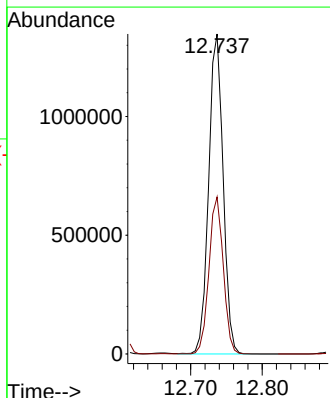
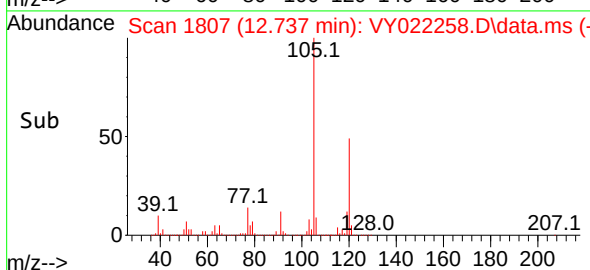
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

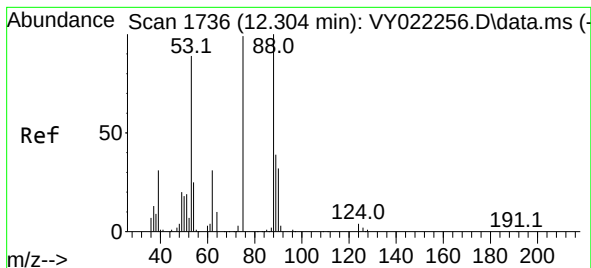


#80
1,3,5-Trimethylbenzene
Concen: 150.219 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



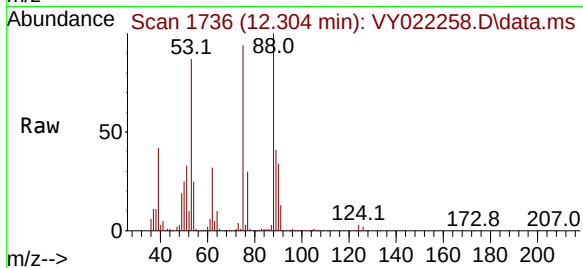
Tgt Ion:105 Resp: 1888432
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 148.846 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

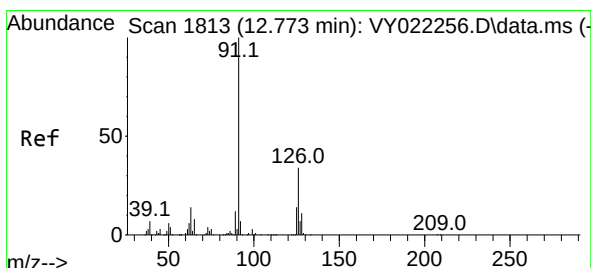
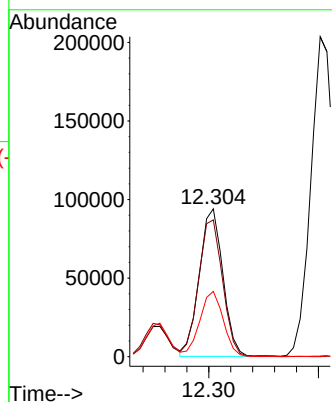
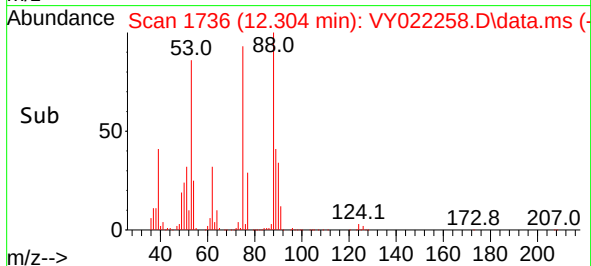
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 13993
Ion Ratio Lower Upper
75 100
53 95.1 75.8 113.8
89 44.4 36.2 54.2

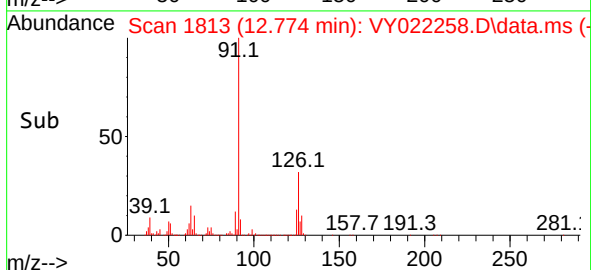
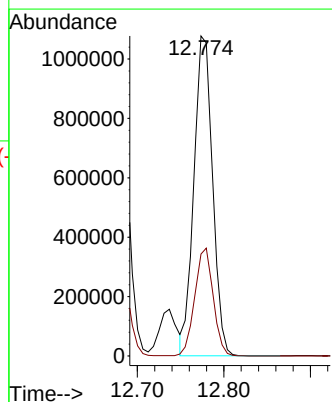
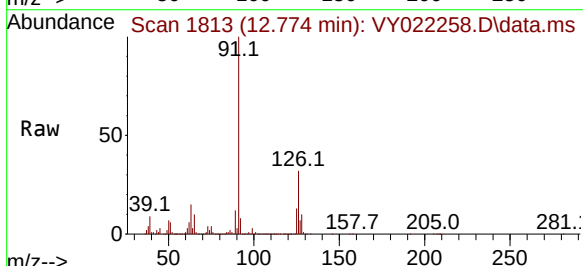
Manual Integrations
APPROVED

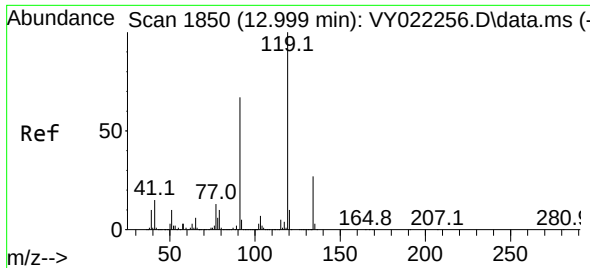
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 152.250 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

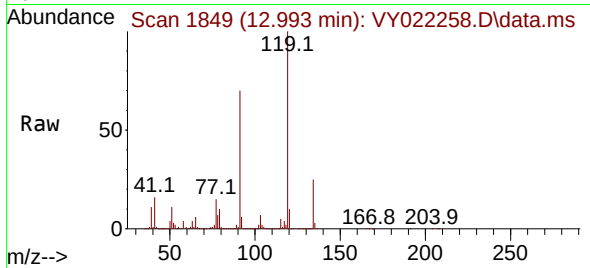
Tgt Ion: 91 Resp: 1616520
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.4





#83
tert-Butylbenzene
Concen: 152.144 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

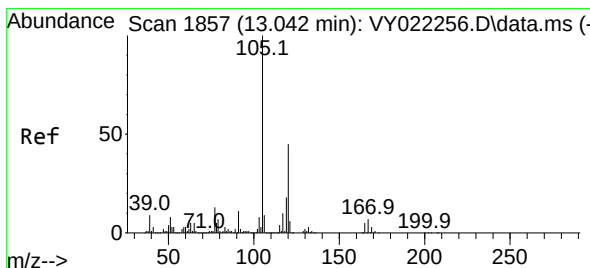
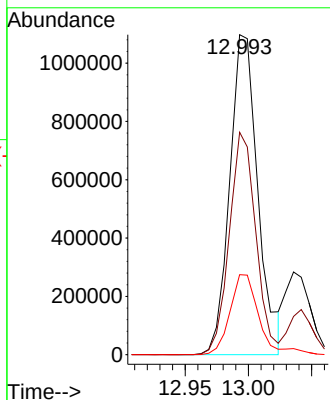
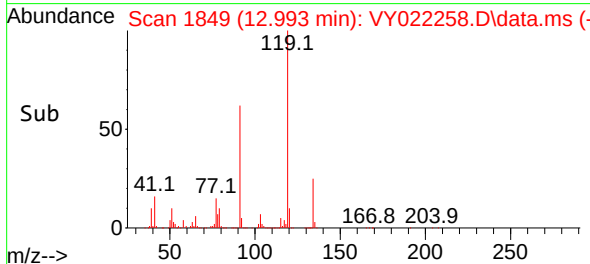
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



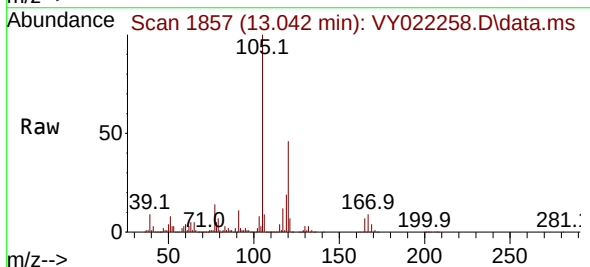
Tgt Ion:119 Resp: 1699962
Ion Ratio Lower Upper
119 100
91 65.7 32.8 98.3
134 25.9 12.9 38.6

Manual Integrations
APPROVED

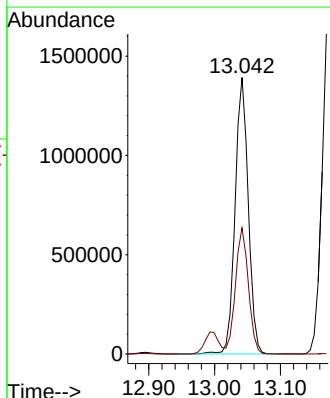
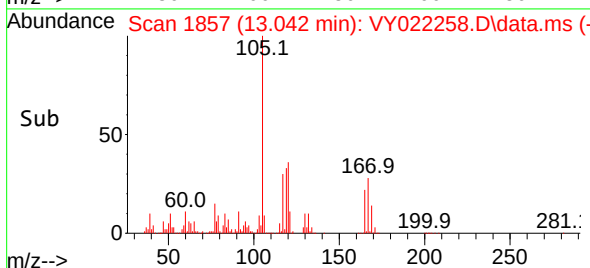
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

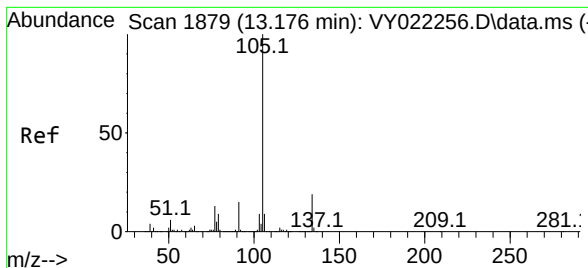


#84
1,2,4-Trimethylbenzene
Concen: 155.030 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47



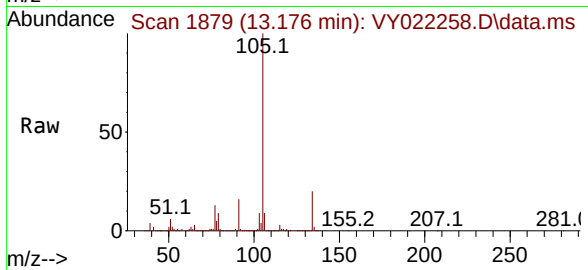
Tgt Ion:105 Resp: 1934641
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 150.330 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

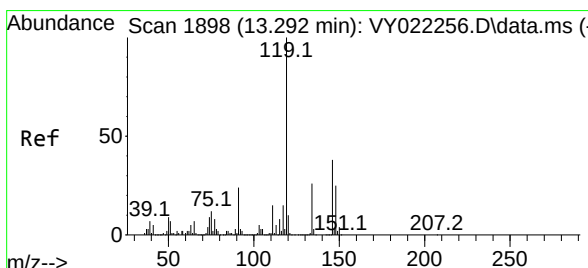
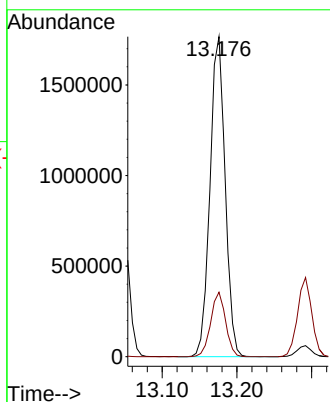
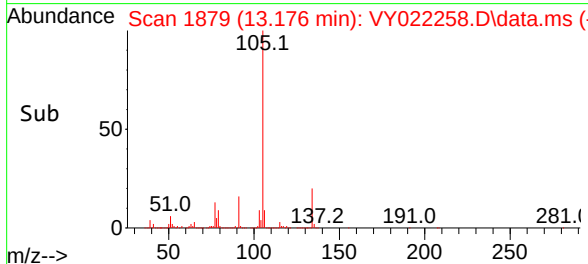
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion:105 Resp: 249339
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

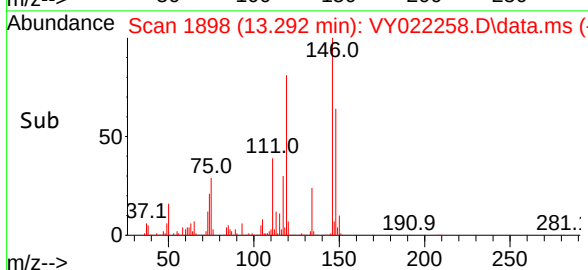
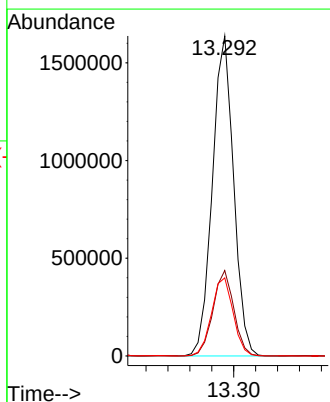
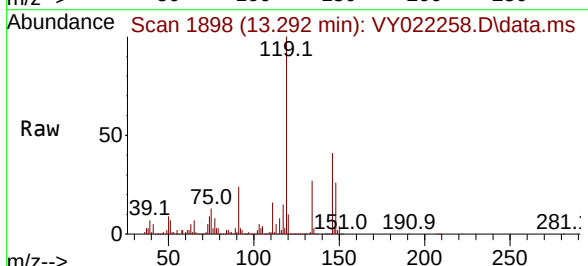
Manual Integrations
 APPROVED

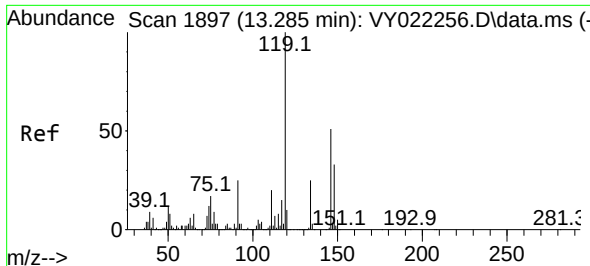
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025



#86
 p-Isopropyltoluene
 Concen: 158.088 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

Tgt Ion:119 Resp: 2205275
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 158.981 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022258.D

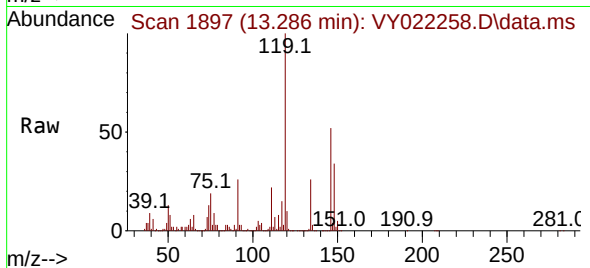
Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150



Tgt Ion:146 Resp: 1079479

Ion Ratio Lower Upper

146 100

111 40.7 19.9 59.7

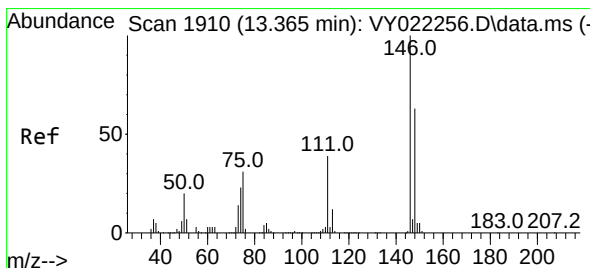
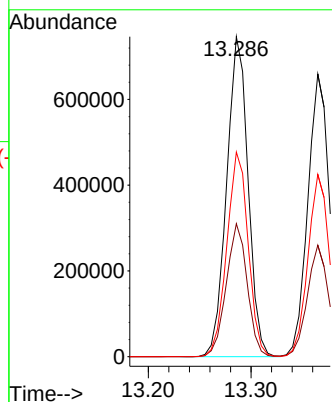
148 63.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 148.497 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

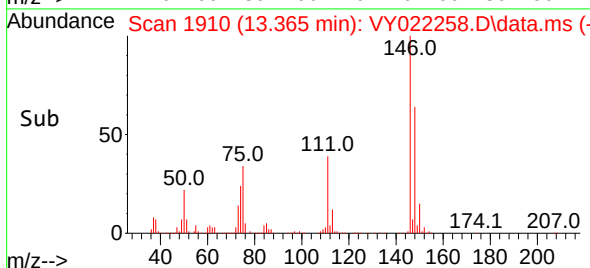
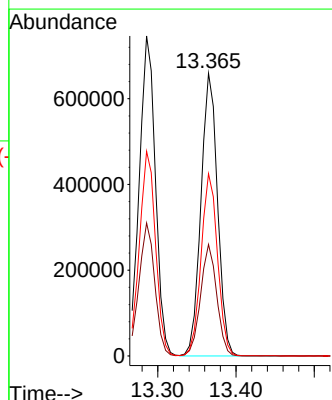
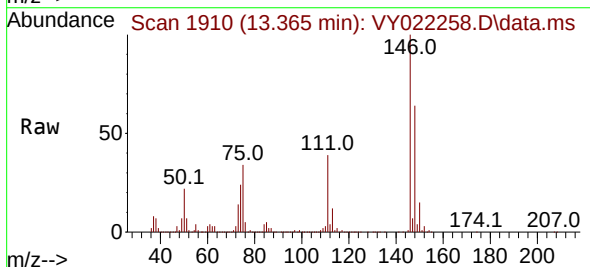
Tgt Ion:146 Resp: 969874

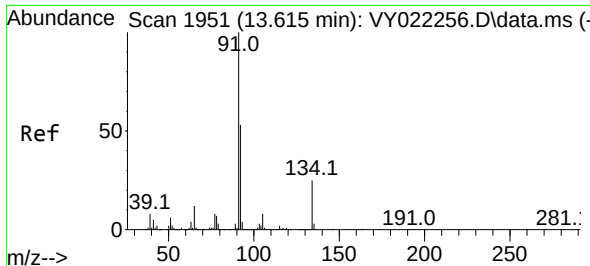
Ion Ratio Lower Upper

146 100

111 38.4 20.0 59.9

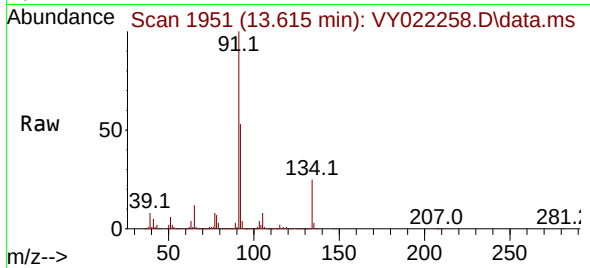
148 63.9 32.1 96.5





#89
n-Butylbenzene
Concen: 150.985 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

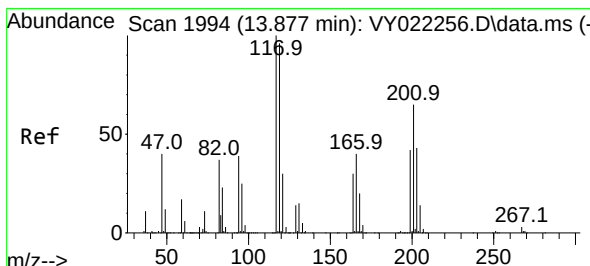
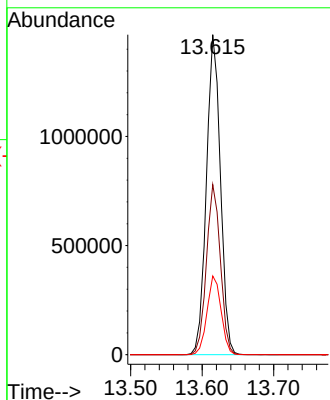
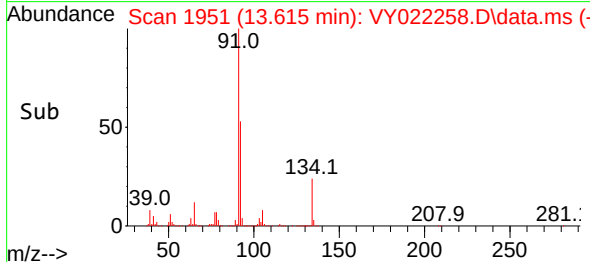
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 1992554
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 24.8 12.4 37.4

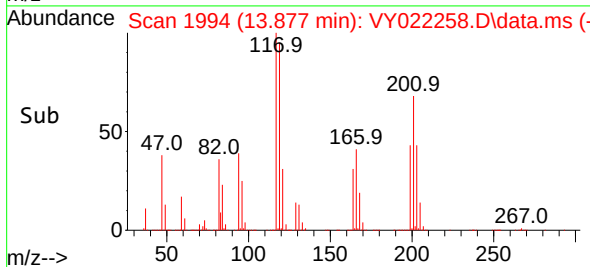
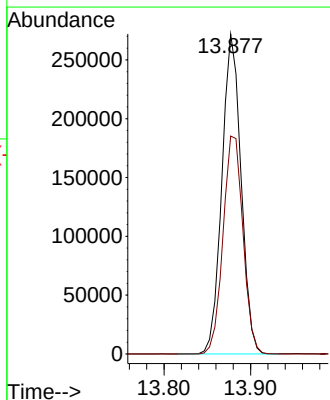
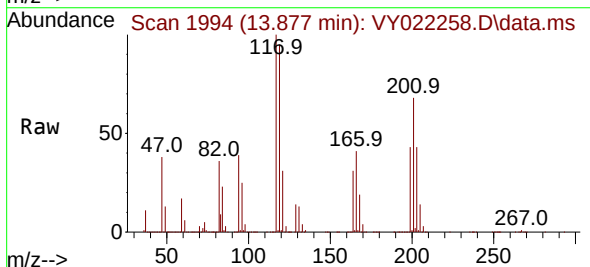
Manual Integrations
APPROVED

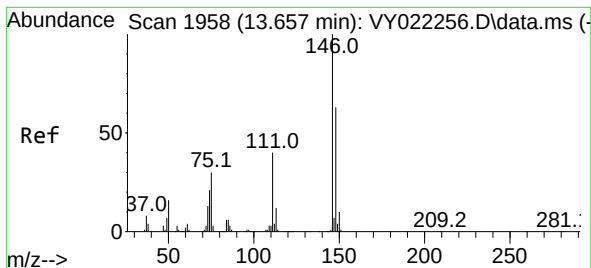
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90
Hexachloroethane
Concen: 148.208 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

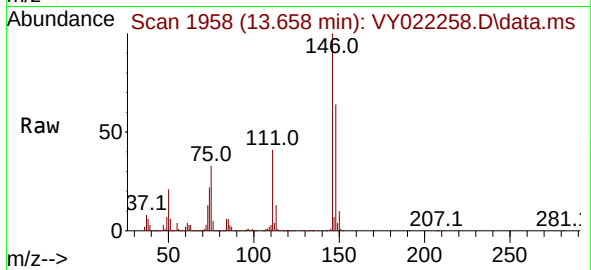
Tgt Ion:117 Resp: 417341
Ion Ratio Lower Upper
117 100
201 71.0 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 150.565 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

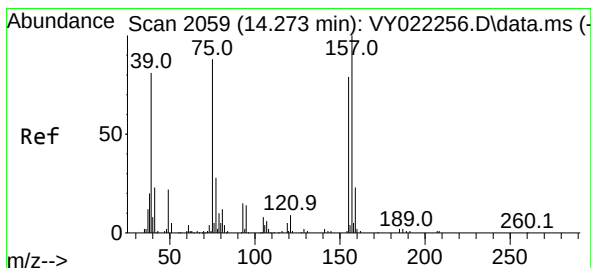
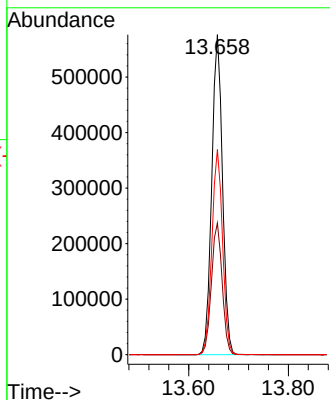
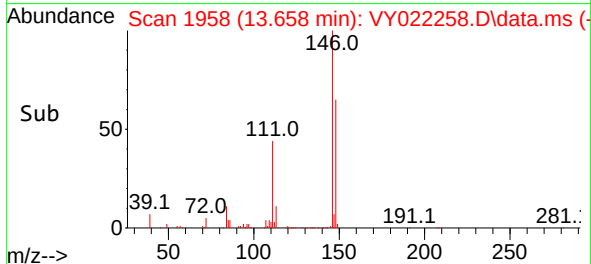
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 858733
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.5
148 63.8 32.0 96.0

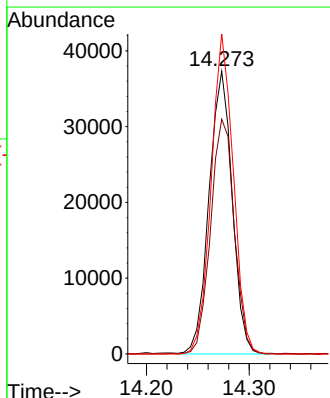
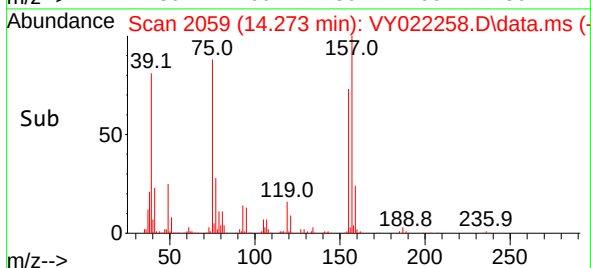
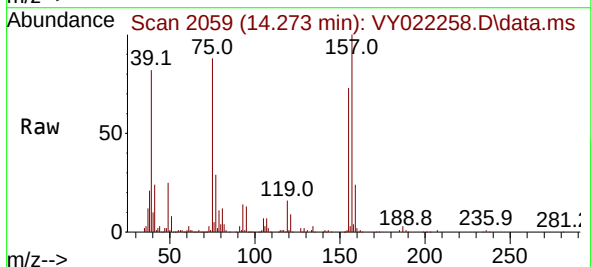
Manual Integrations
APPROVED

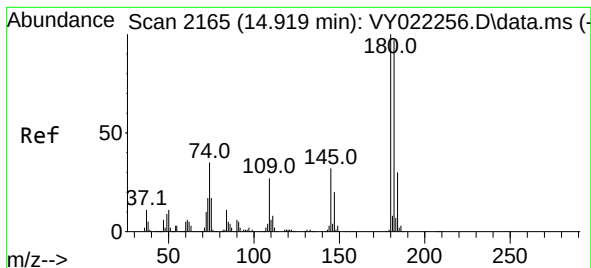
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 151.172 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 75 Resp: 58383
Ion Ratio Lower Upper
75 100
155 84.6 43.4 130.1
157 108.4 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 154.361 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022258.D

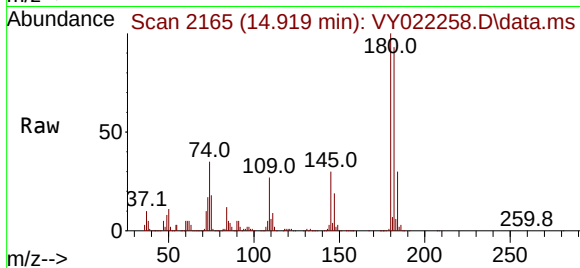
Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150



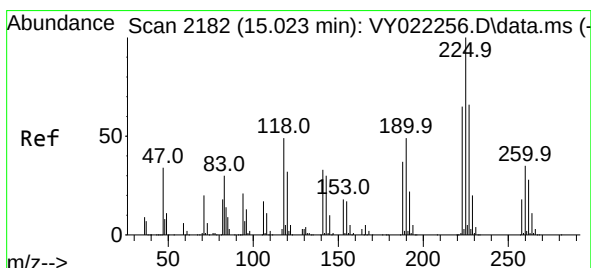
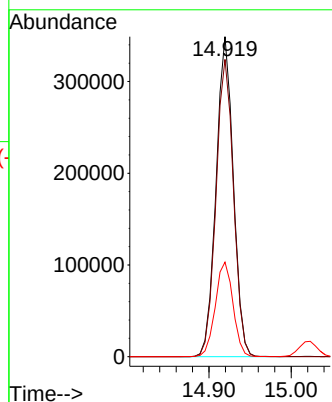
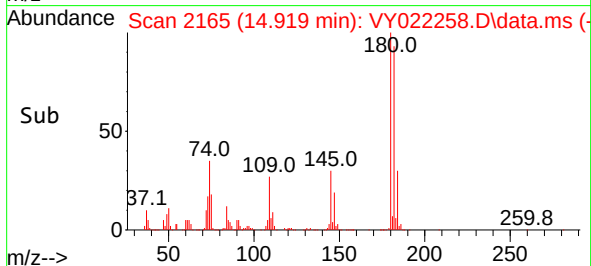
Tgt Ion:180 Resp: 50853

Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.0
145	30.4	15.0	45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

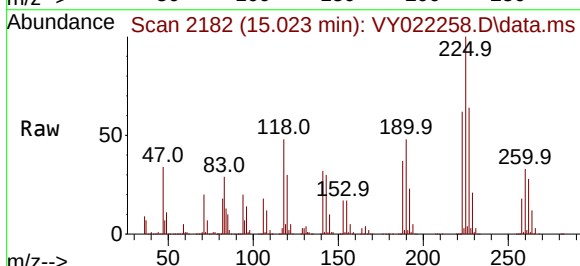
Concen: 142.514 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

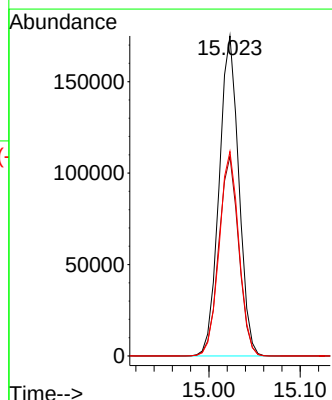
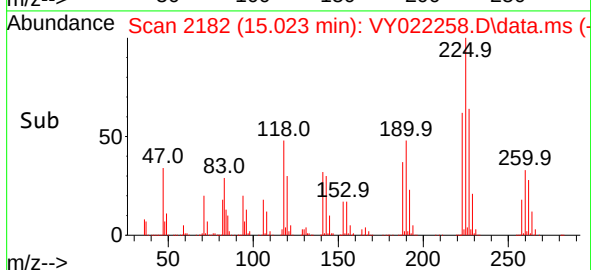
Lab File: VY022258.D

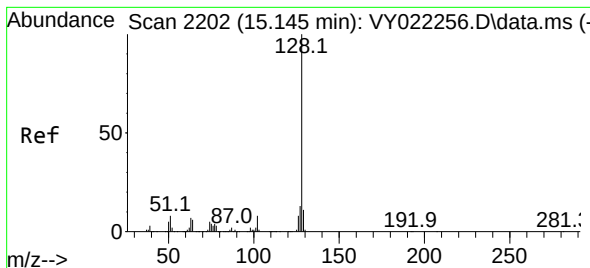
Acq: 15 May 2025 11:47



Tgt Ion:225 Resp: 261832

Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.5	94.5
227	63.8	32.1	96.3





#95

Naphthalene

Concen: 156.653 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 979369

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

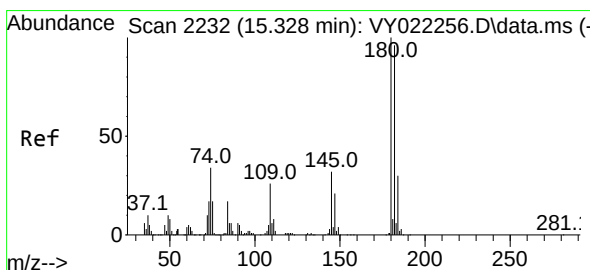
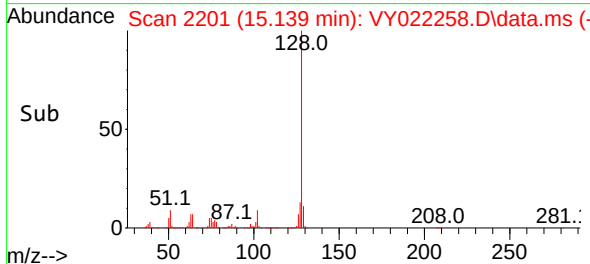
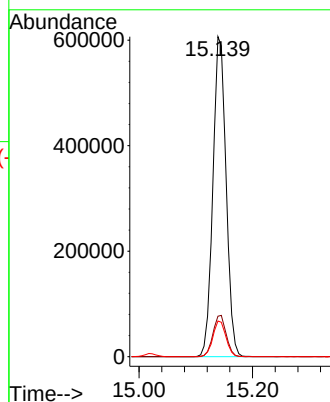
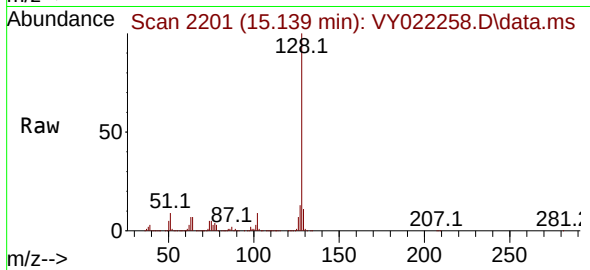
129 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 152.509 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

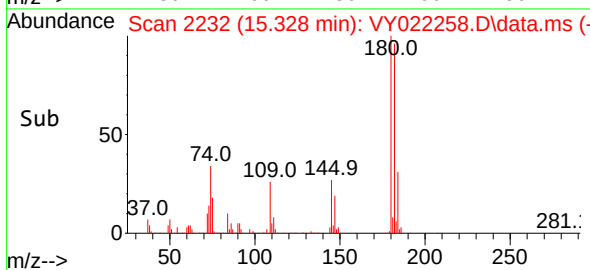
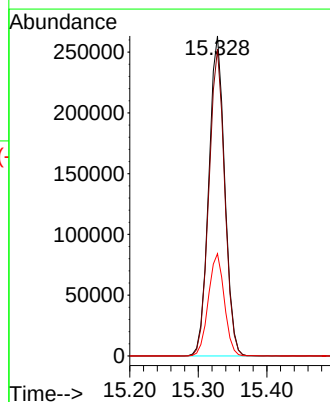
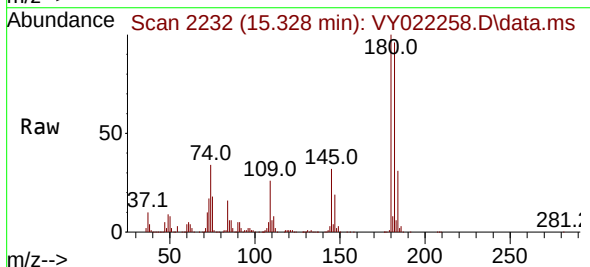
Tgt Ion:180 Resp: 426231

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.3

145 31.9 15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051525

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	252715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	428969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	375548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	178387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143909	52.104	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.200%			
35) Dibromofluoromethane	7.634	113	132263	51.658	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.320%			
50) Toluene-d8	10.109	98	537188	51.229	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.408	95	169575	51.020	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	130352	49.432	ug/l	97
3) Chloromethane	2.068	50	270248	48.719	ug/l	98
4) Vinyl Chloride	2.202	62	316755	51.111	ug/l	99
5) Bromomethane	2.598	94	244611	48.486	ug/l	99
6) Chloroethane	2.732	64	205247	53.234	ug/l	99
7) Trichlorofluoromethane	3.056	101	321098	51.174	ug/l	99
8) Diethyl Ether	3.458	74	78386	52.055	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	140460	51.564	ug/l	100
10) Methyl Iodide	4.007	142	156397	49.606	ug/l	99
11) Tert butyl alcohol	4.872	59	55922	265.144	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	139180	51.487	ug/l	98
13) Acrolein	3.653	56	73495	238.362	ug/l	98
14) Allyl chloride	4.378	41	250342	52.817	ug/l	100
15) Acrylonitrile	5.055	53	164507	265.134	ug/l	99
16) Acetone	3.872	43	130848	252.660	ug/l	99
17) Carbon Disulfide	4.104	76	456302	51.765	ug/l	99
18) Methyl Acetate	4.385	43	97091	59.461	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	395753	53.096	ug/l	99
20) Methylene Chloride	4.610	84	158275	47.298	ug/l	92
21) trans-1,2-Dichloroethene	5.110	96	153819	51.552	ug/l	98
22) Diisopropyl ether	6.018	45	521343	52.085	ug/l	99
23) Vinyl Acetate	5.957	43	1530507	253.098	ug/l	99
24) 1,1-Dichloroethane	5.915	63	288933	51.668	ug/l	97
25) 2-Butanone	6.896	43	221702	255.929	ug/l	97
26) 2,2-Dichloropropane	6.884	77	259587	52.191	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	180695	52.479	ug/l	100
28) Bromochloromethane	7.250	49	124761	52.305	ug/l	99
29) Tetrahydrofuran	7.262	42	147603	264.847	ug/l	99
30) Chloroform	7.421	83	283264	52.810	ug/l	100
31) Cyclohexane	7.701	56	271949	48.673	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	253549	51.523	ug/l	99
36) 1,1-Dichloropropene	7.835	75	212786	50.457	ug/l	99
37) Ethyl Acetate	6.982	43	102740	50.633	ug/l	98
38) Carbon Tetrachloride	7.817	117	220636	50.543	ug/l	98
39) Methylcyclohexane	9.109	83	283373	50.015	ug/l	98
40) Benzene	8.079	78	646289	51.696	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051525

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	72143m	53.599	ug/l	
42) 1,2-Dichloroethane	8.158	62	175241	51.834	ug/l	100
43) Isopropyl Acetate	8.195	43	227521	51.415	ug/l #	89
44) Trichloroethene	8.865	130	156468	50.335	ug/l	96
45) 1,2-Dichloropropane	9.140	63	154975	51.417	ug/l	99
46) Dibromomethane	9.231	93	83597	51.423	ug/l	100
47) Bromodichloromethane	9.426	83	221446	52.508	ug/l	99
48) Methyl methacrylate	9.219	41	106283	51.357	ug/l	98
49) 1,4-Dioxane	9.231	88	18521	1008.479	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	567722	261.463	ug/l	99
52) Toluene	10.170	92	406420	51.337	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	211790	51.458	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	244811	51.916	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	106464	51.142	ug/l	99
56) Ethyl methacrylate	10.438	69	164207	50.639	ug/l	99
57) 1,3-Dichloropropane	10.719	76	191889	51.880	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	394587	271.104	ug/l	100
59) 2-Hexanone	10.761	43	375224	257.738	ug/l	100
60) Dibromochloromethane	10.914	129	141652	52.425	ug/l	99
61) 1,2-Dibromoethane	11.018	107	99783	51.428	ug/l	99
64) Tetrachloroethene	10.646	164	162818	46.905	ug/l	99
65) Chlorobenzene	11.444	112	422170	49.827	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	144636	49.656	ug/l	99
67) Ethyl Benzene	11.517	91	794978	50.100	ug/l	99
68) m/p-Xylenes	11.627	106	604420	101.087	ug/l	99
69) o-Xylene	11.956	106	286712	50.682	ug/l	98
70) Styrene	11.969	104	481621	50.471	ug/l	99
71) Bromoform	12.133	173	80216	51.022	ug/l #	100
73) Isopropylbenzene	12.255	105	738398	49.964	ug/l	100
74) N-amyl acetate	12.072	43	210510	49.805	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	120599	53.062	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	96804m	53.564	ug/l	
77) Bromobenzene	12.536	156	155843	49.374	ug/l	97
78) n-propylbenzene	12.596	91	896555	50.296	ug/l	100
79) 2-Chlorotoluene	12.682	91	491073	50.130	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	592100	49.632	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	43921	49.231	ug/l	99
82) 4-Chlorotoluene	12.779	91	510451	50.661	ug/l	100
83) tert-Butylbenzene	12.999	119	527140	49.715	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	598450	50.535	ug/l	99
85) sec-Butylbenzene	13.176	105	787000	50.000	ug/l	100
86) p-Isopropyltoluene	13.291	119	664795	50.219	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	320357	49.718	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	307847	49.669	ug/l	98
89) n-Butylbenzene	13.621	91	631222	50.402	ug/l	100
90) Hexachloroethane	13.883	117	132281	49.502	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	270373	49.954	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18335	50.028	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	152548	48.794	ug/l	99
94) Hexachlorobutadiene	15.023	225	83287	47.770	ug/l	99
95) Naphthalene	15.145	128	287276	48.421	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	127466	48.060	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022260.D
Acq On : 15 May 2025 13:20
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

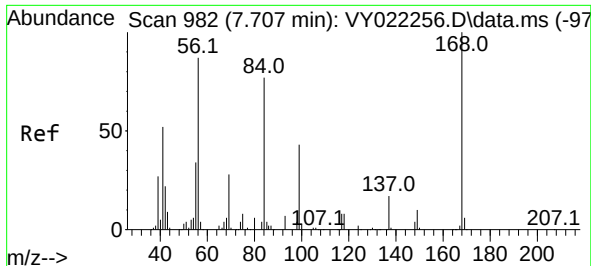
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

Quant Time: May 16 01:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

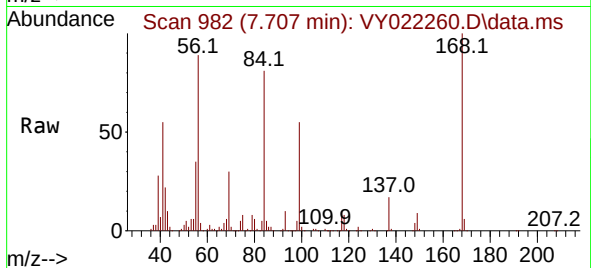
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

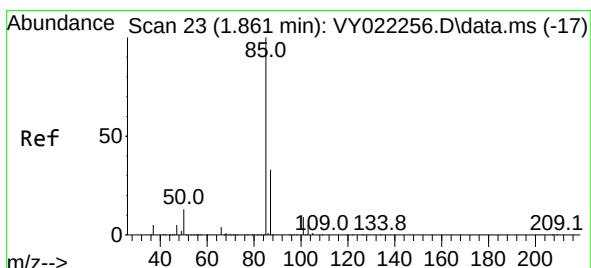
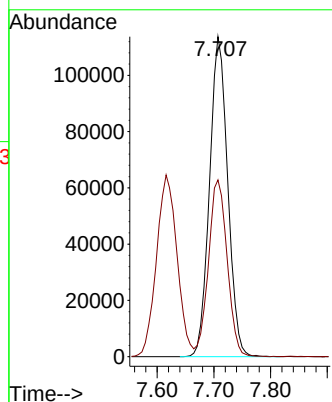
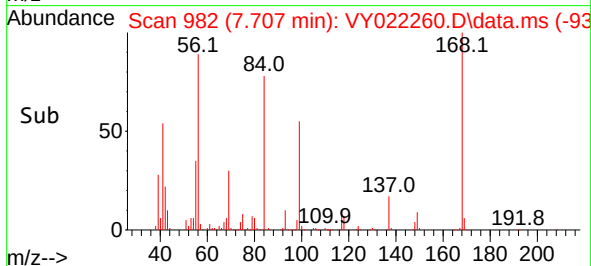
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 168 Resp: 252715
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4

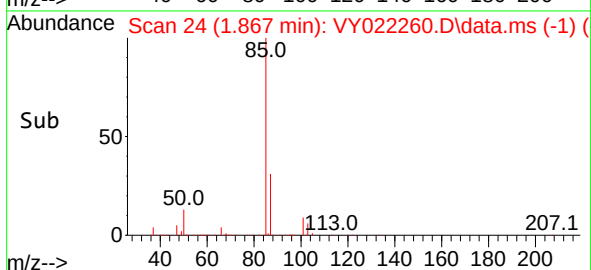
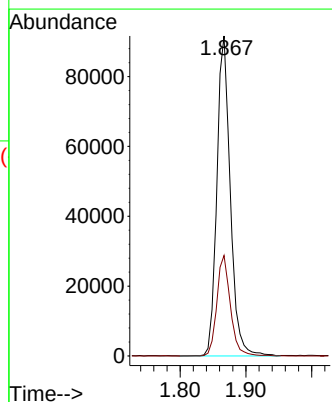
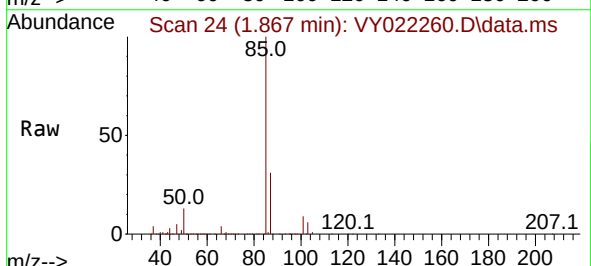
Manual Integrations
APPROVED

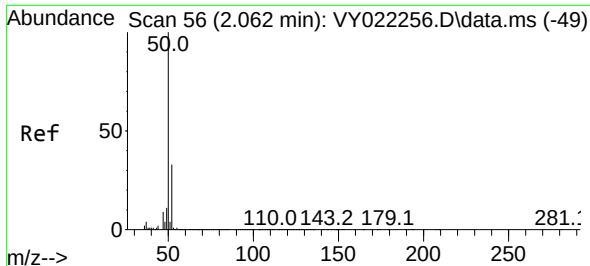
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#2
Dichlorodifluoromethane
Concen: 49.432 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

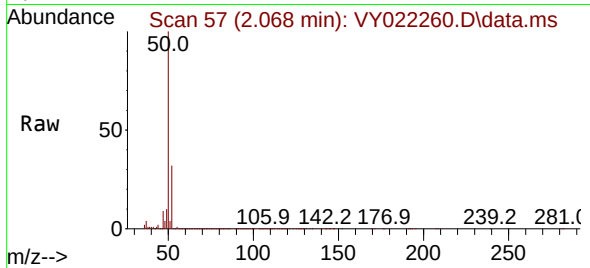
Tgt Ion: 85 Resp: 130352
Ion Ratio Lower Upper
85 100
87 31.4 16.5 49.5





#3
Chloromethane
Concen: 48.719 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

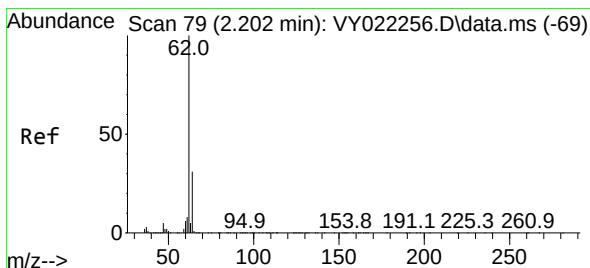
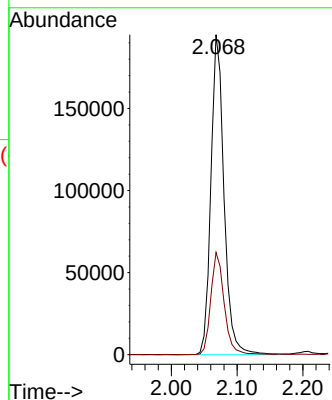
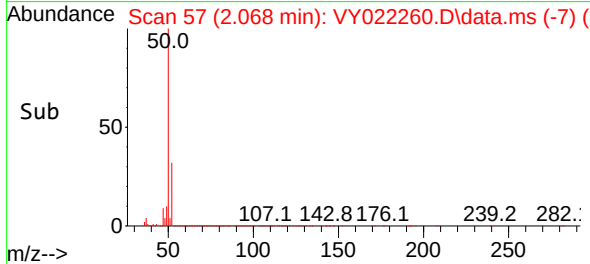
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 50 Resp: 270248
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

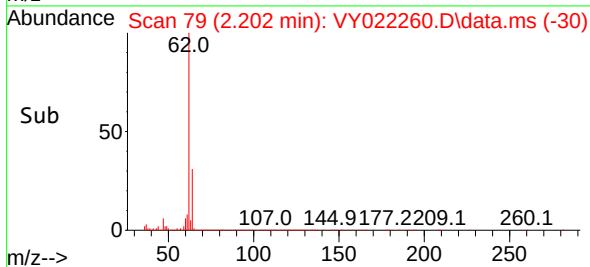
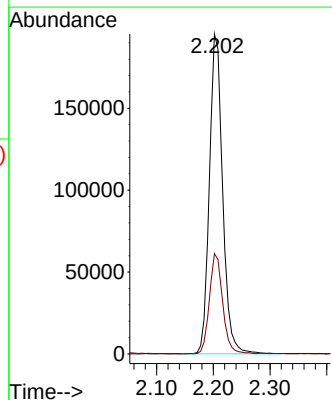
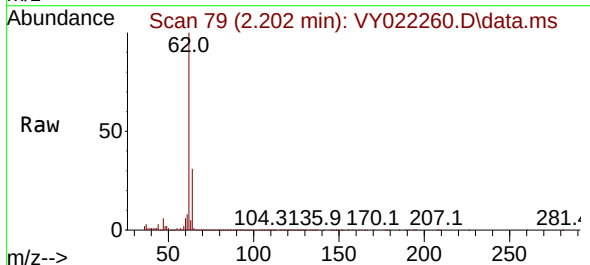
Manual Integrations
APPROVED

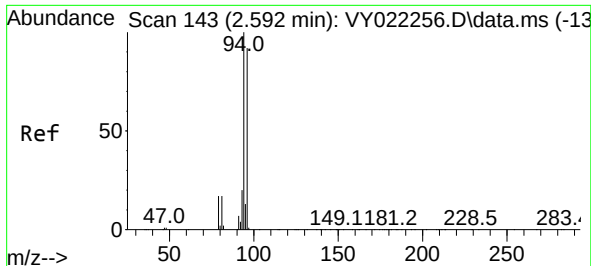
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#4
Vinyl Chloride
Concen: 51.111 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

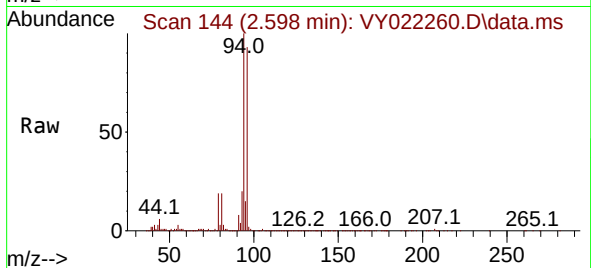
Tgt Ion: 62 Resp: 316755
Ion Ratio Lower Upper
62 100
64 31.3 24.5 36.7





#5
Bromomethane
Concen: 48.486 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

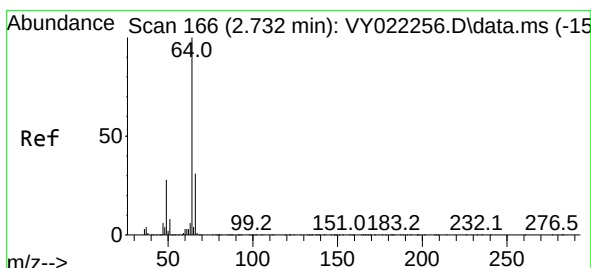
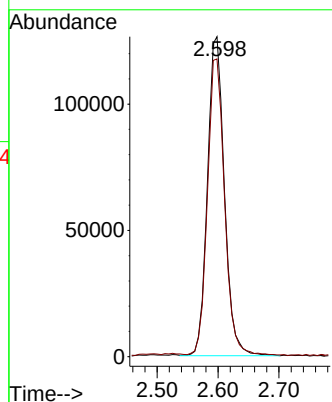
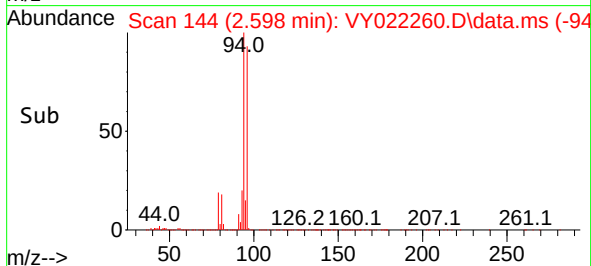
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 94 Resp: 24461
Ion Ratio Lower Upper
94 100
96 92.8 73.4 110.0

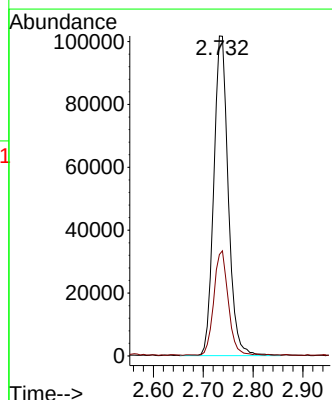
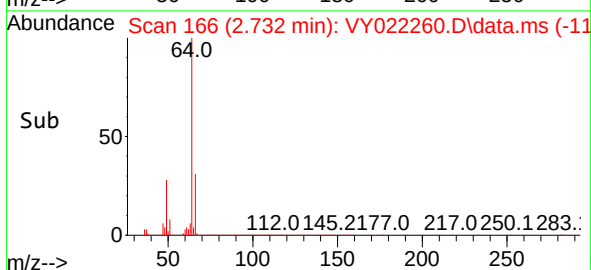
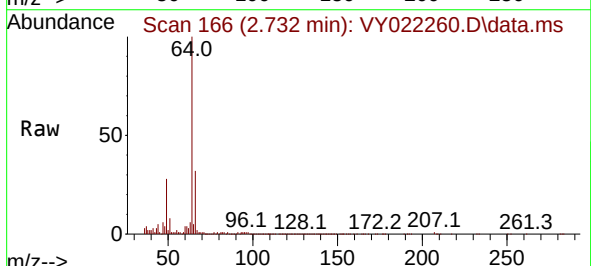
Manual Integrations
APPROVED

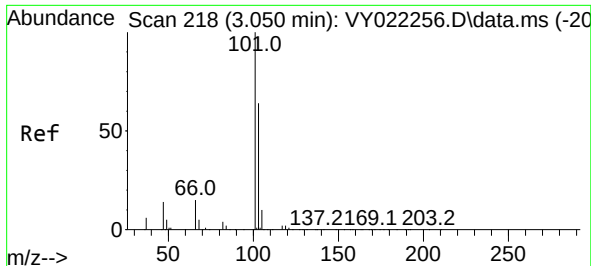
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#6
Chloroethane
Concen: 53.234 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

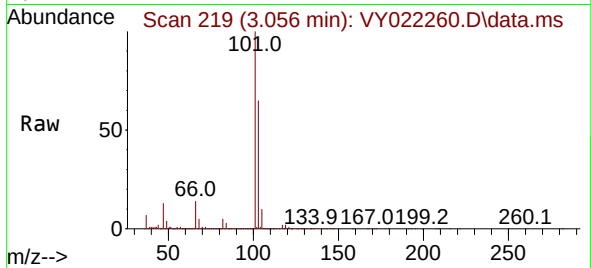
Tgt Ion: 64 Resp: 205247
Ion Ratio Lower Upper
64 100
66 31.4 24.8 37.2





#7
Trichlorofluoromethane
Concen: 51.174 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

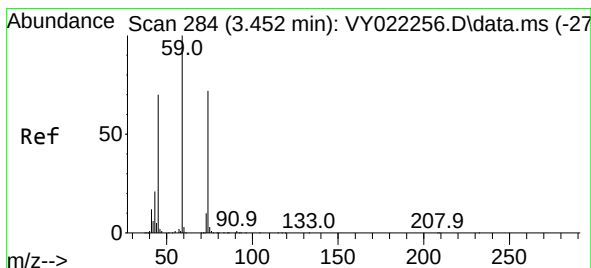
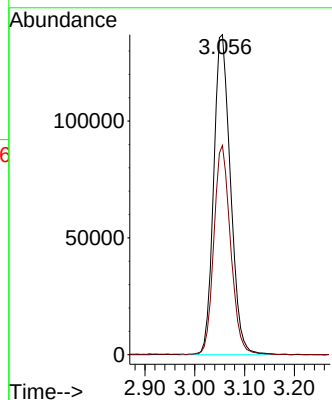
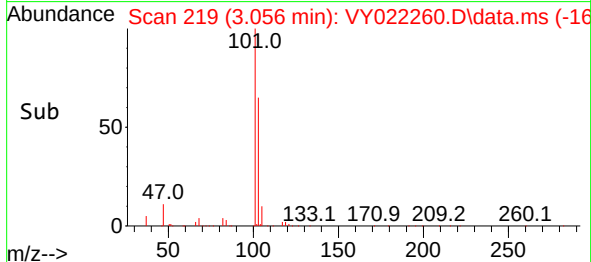
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



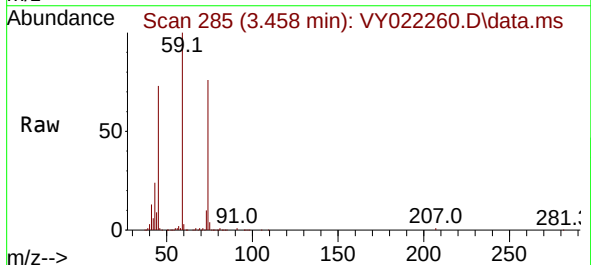
Tgt Ion:101 Resp: 321098
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5

Manual Integrations
APPROVED

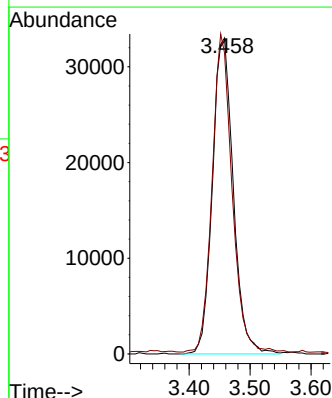
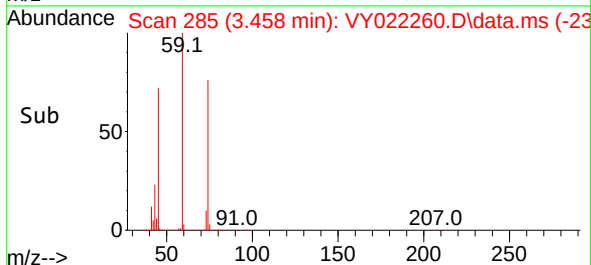
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

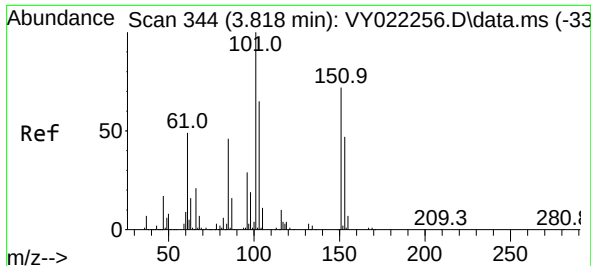


#8
Diethyl Ether
Concen: 52.055 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



Tgt Ion: 74 Resp: 78386
Ion Ratio Lower Upper
74 100
45 96.3 48.6 145.8





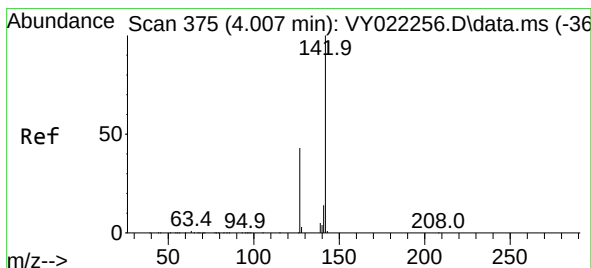
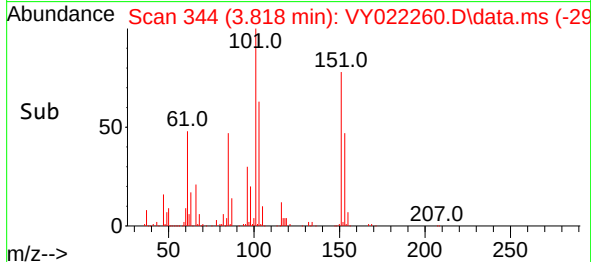
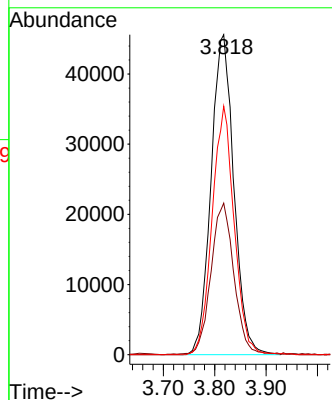
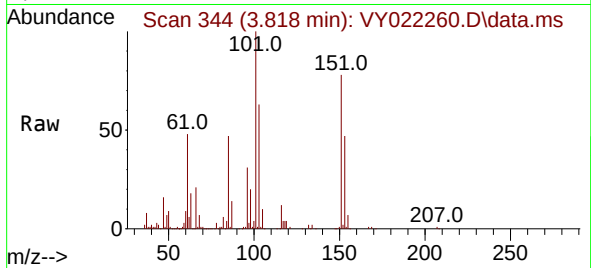
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.564 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Tgt Ion:101 Resp: 140460
Ion Ratio Lower Upper
101 100
85 47.9 38.6 58.0
151 74.9 59.7 89.5

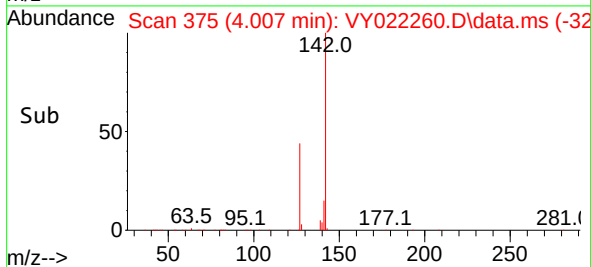
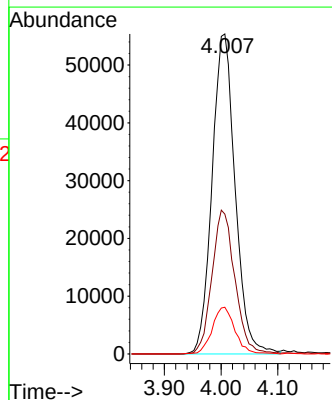
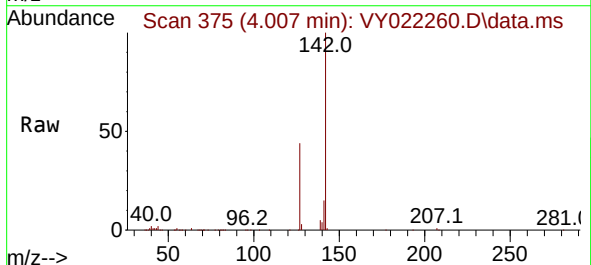
Manual Integrations
APPROVED

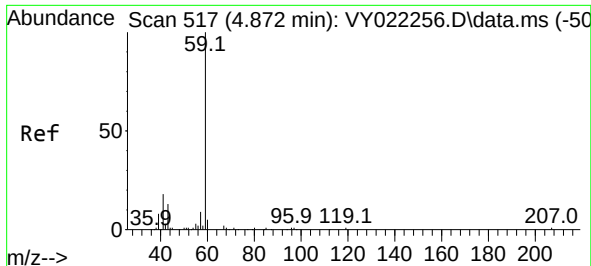
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#10
Methyl Iodide
Concen: 49.606 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

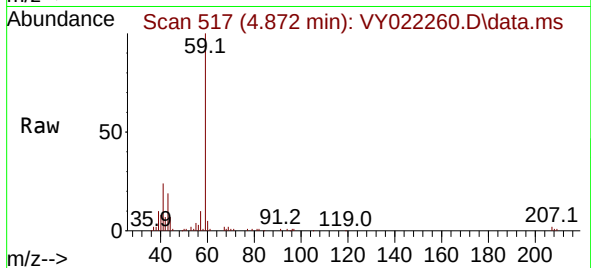
Tgt Ion:142 Resp: 156397
Ion Ratio Lower Upper
142 100
127 44.8 35.7 53.5
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 265.144 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

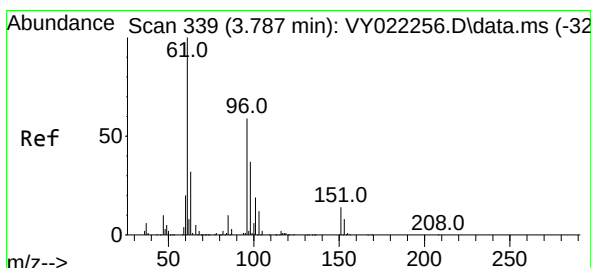
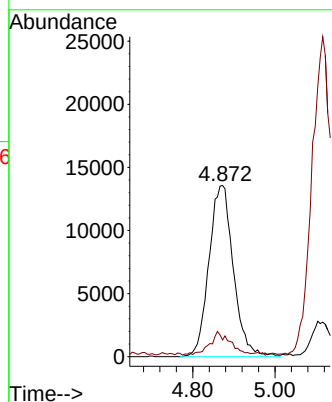
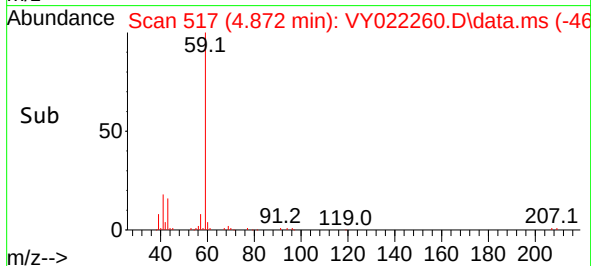
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



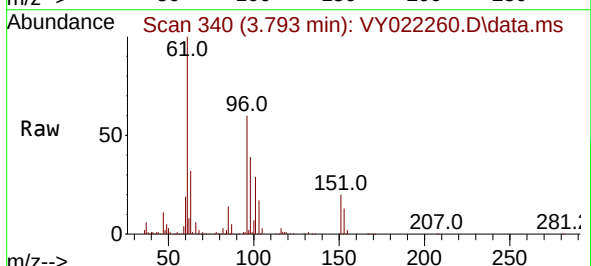
Tgt Ion: 59 Resp: 5592
Ion Ratio Lower Upper
59 100
57 10.7 0.0 0.0

Manual Integrations
APPROVED

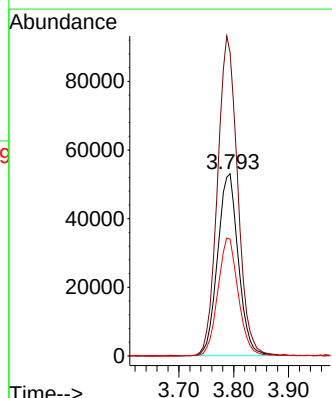
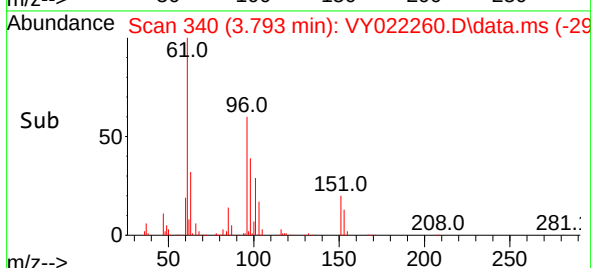
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

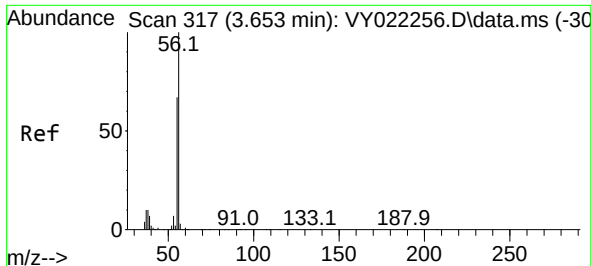


#12
1,1-Dichloroethene
Concen: 51.487 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



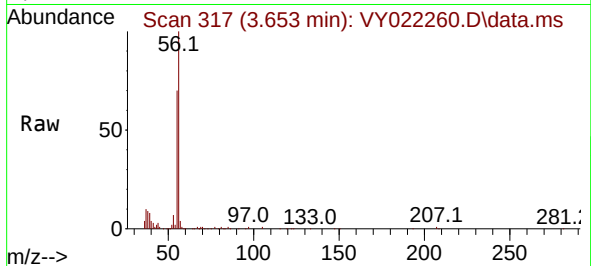
Tgt Ion: 96 Resp: 139180
Ion Ratio Lower Upper
96 100
61 166.8 134.9 202.3
98 64.1 49.9 74.9





#13
Acrolein
Concen: 238.362 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

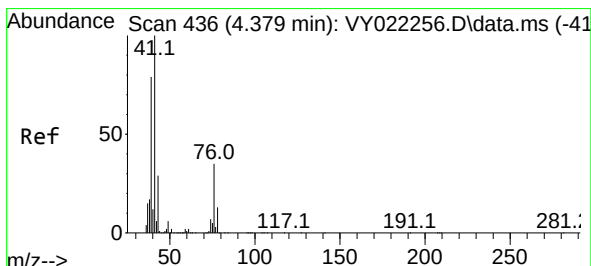
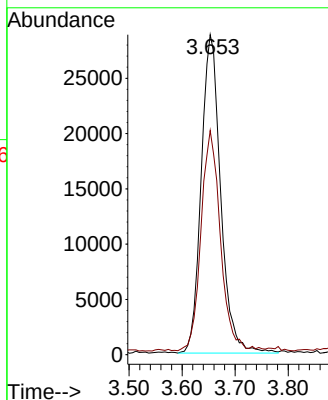
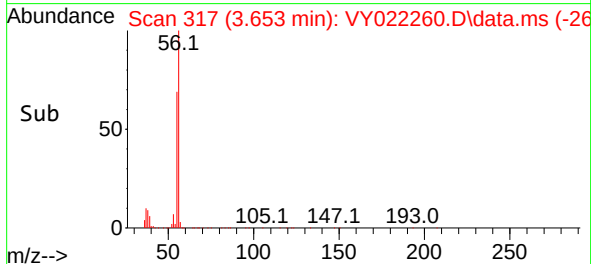
Instrument :
MSVOA_Y
ClientSampleId :
ICVY051525



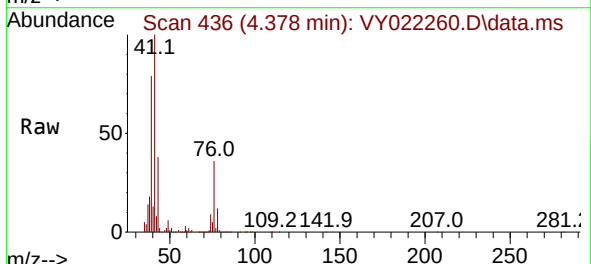
Tgt Ion: 56 Resp: 73495
Ion Ratio Lower Upper
56 100
55 68.2 55.6 83.4

Manual Integrations
APPROVED

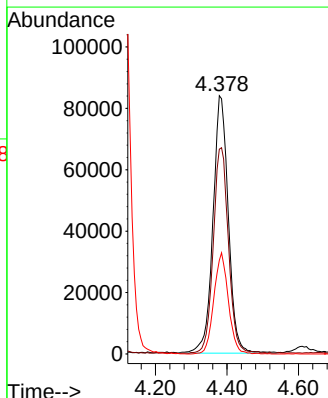
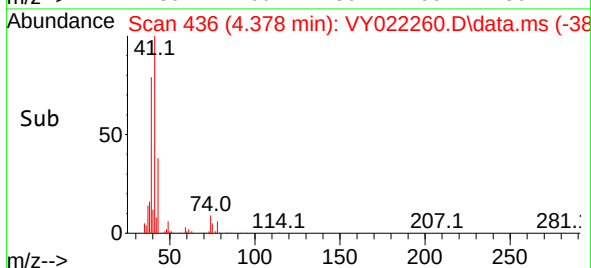
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

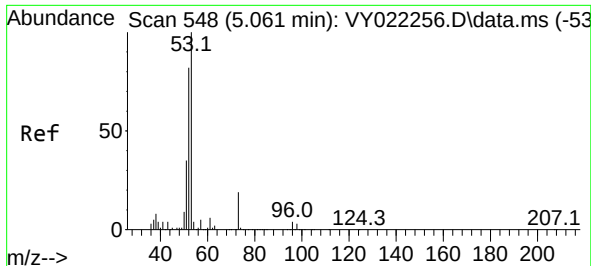


#14
Allyl chloride
Concen: 52.817 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



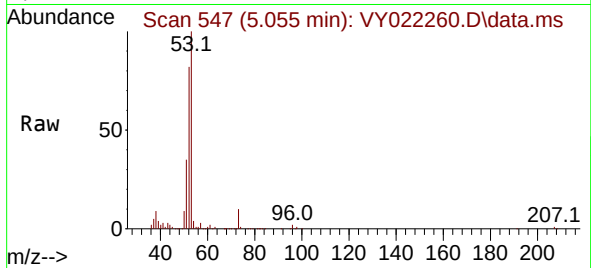
Tgt Ion: 41 Resp: 250342
Ion Ratio Lower Upper
41 100
39 78.9 63.4 95.0
76 37.0 29.5 44.3





#15
Acrylonitrile
Concen: 265.134 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

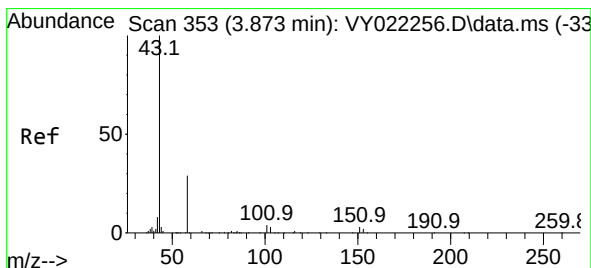
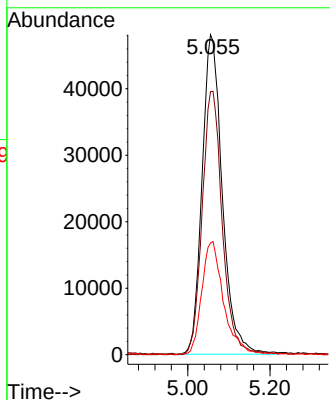
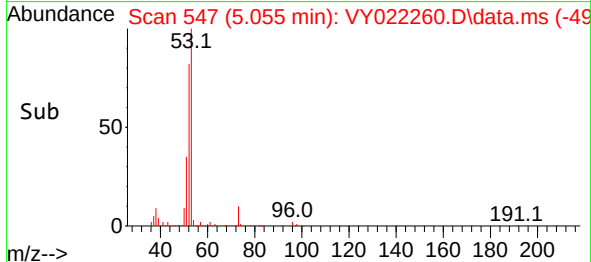
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



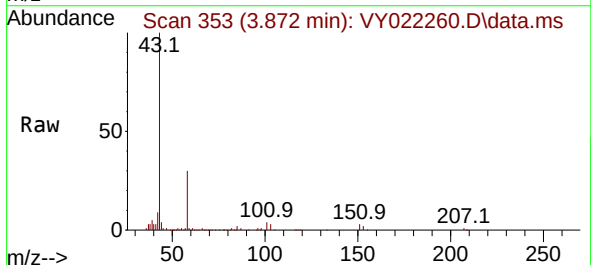
Tgt Ion: 53 Resp: 16450
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 38.2 30.0 45.0

Manual Integrations
APPROVED

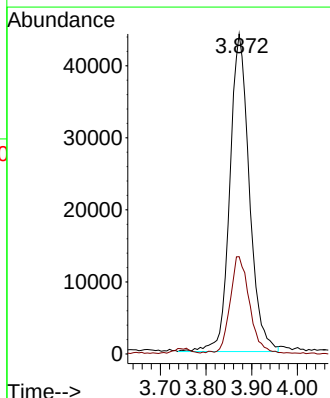
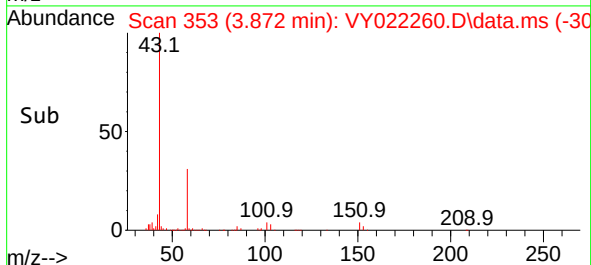
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

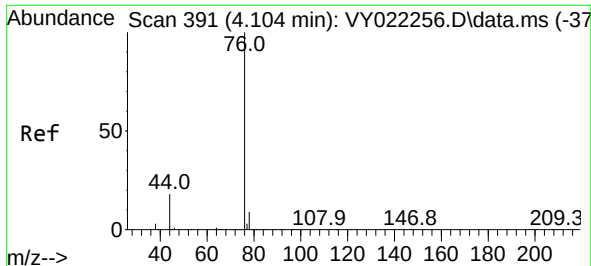


#16
Acetone
Concen: 252.660 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



Tgt Ion: 43 Resp: 130848
Ion Ratio Lower Upper
43 100
58 30.2 23.6 35.4





#17

Carbon Disulfide

Concen: 51.765 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion: 76 Resp: 45630

Ion Ratio Lower Upper

76 100

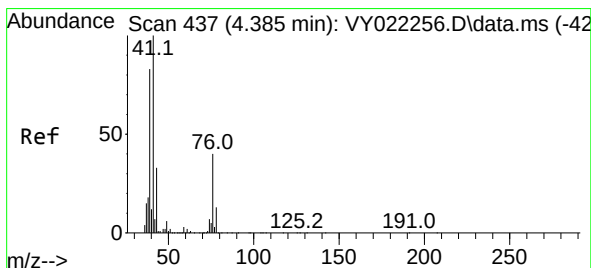
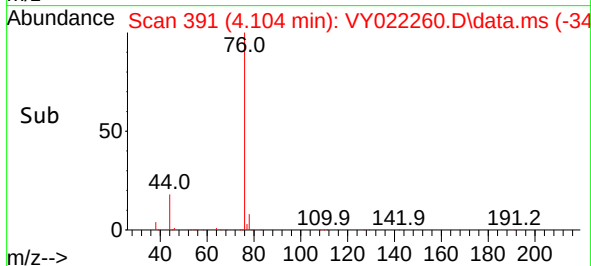
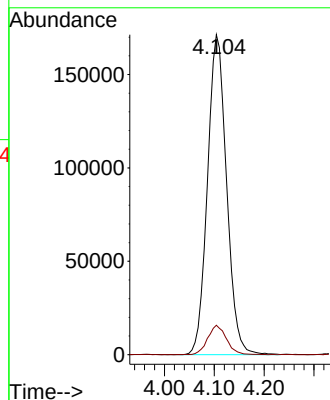
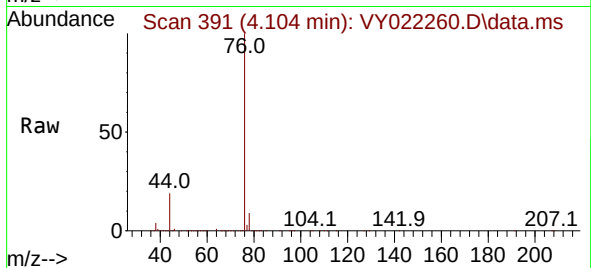
78 9.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#18

Methyl Acetate

Concen: 59.461 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY022260.D

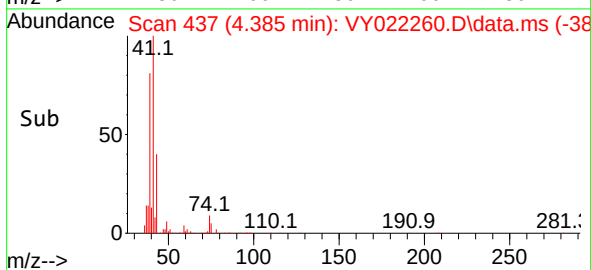
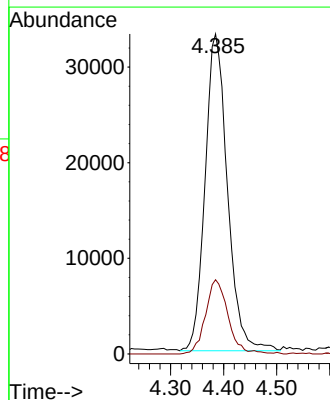
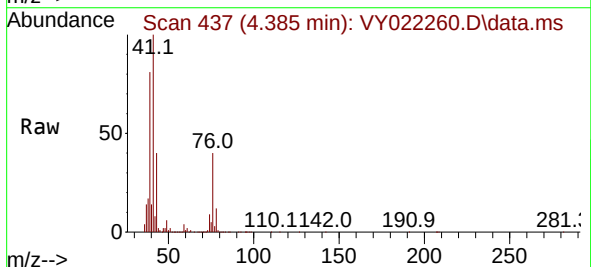
Acq: 15 May 2025 13:20

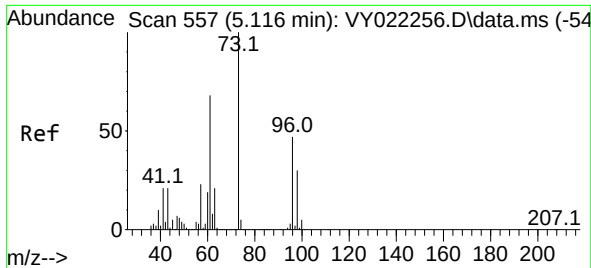
Tgt Ion: 43 Resp: 97091

Ion Ratio Lower Upper

43 100

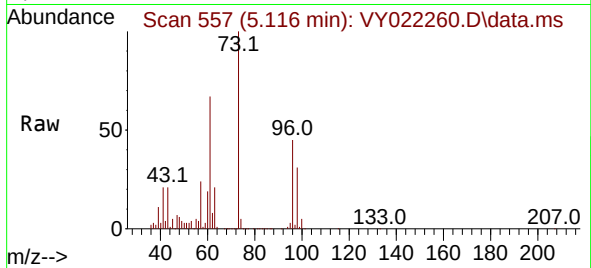
74 23.6 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 53.096 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

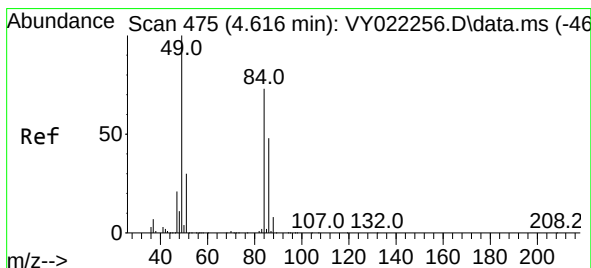
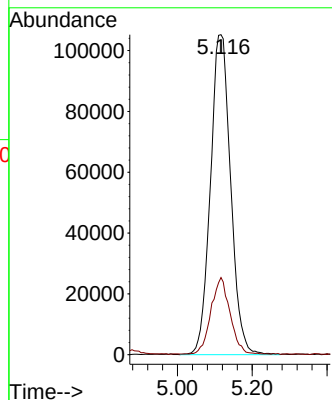
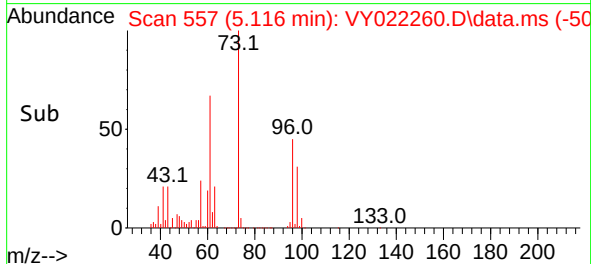
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 73 Resp: 39575
Ion Ratio Lower Upper
73 100
57 24.0 18.6 28.0

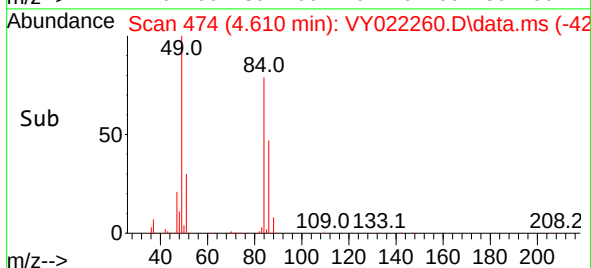
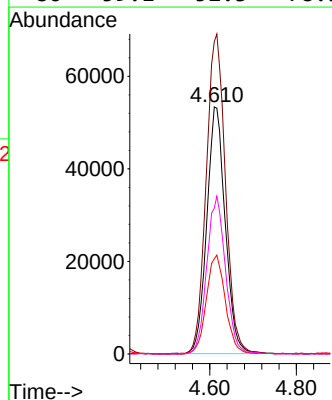
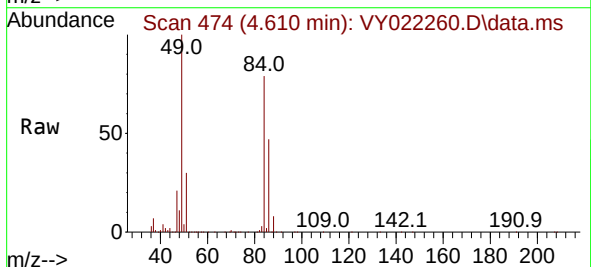
Manual Integrations
APPROVED

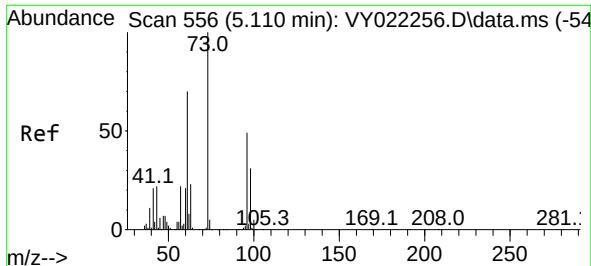
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#20
Methylene Chloride
Concen: 47.298 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

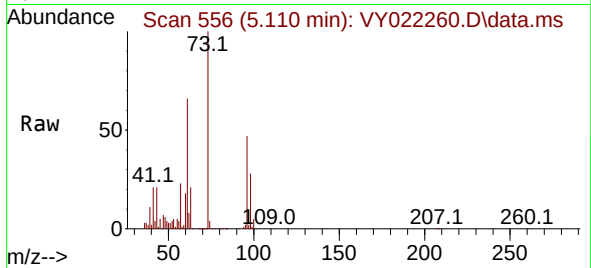
Tgt Ion: 84 Resp: 158275
Ion Ratio Lower Upper
84 100
49 126.6 109.6 164.4
51 38.5 32.4 48.6
86 59.1 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 51.552 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

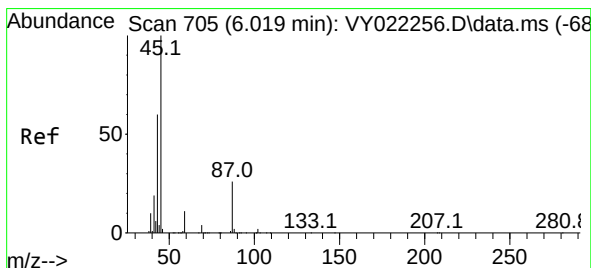
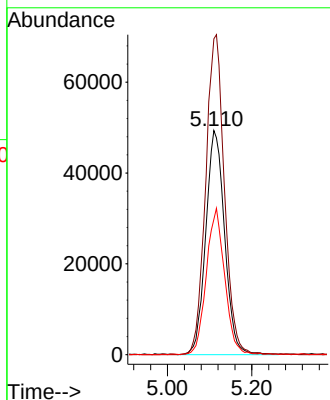
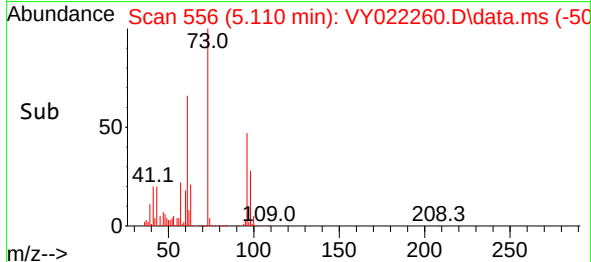
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 96 Resp: 153819
Ion Ratio Lower Upper
96 100
61 140.9 113.4 170.0
98 60.2 50.9 76.3

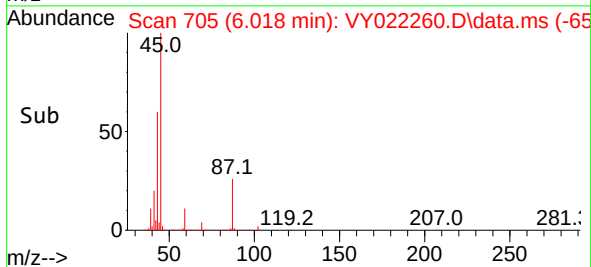
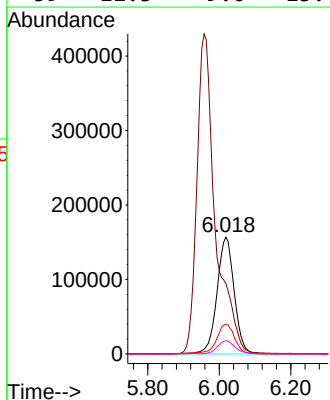
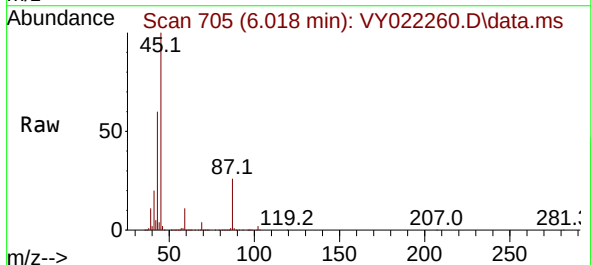
Manual Integrations
APPROVED

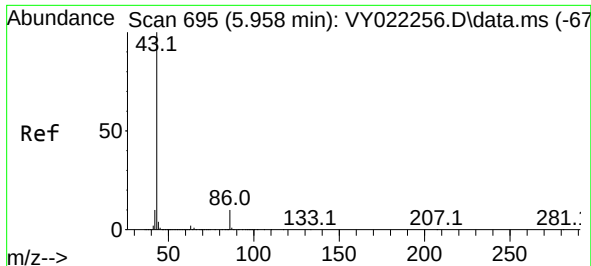
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#22
Diisopropyl ether
Concen: 52.085 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

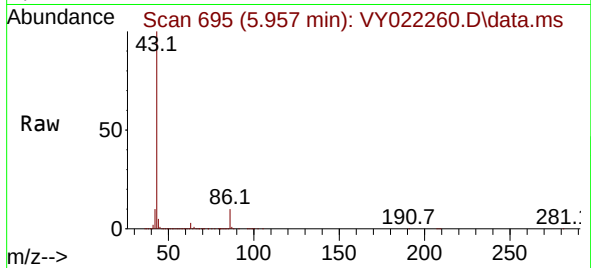
Tgt Ion: 45 Resp: 521343
Ion Ratio Lower Upper
45 100
43 59.9 48.2 72.2
87 25.6 21.4 32.0
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 253.098 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022260.D
 Acq: 15 May 2025 13:20

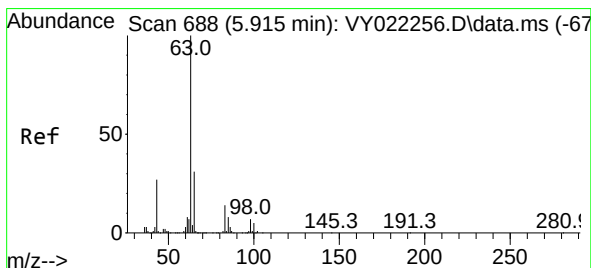
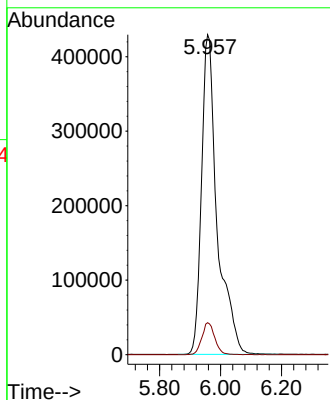
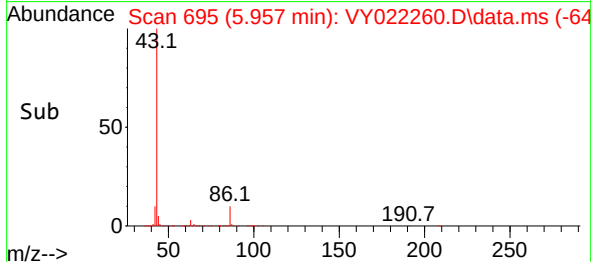
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051525



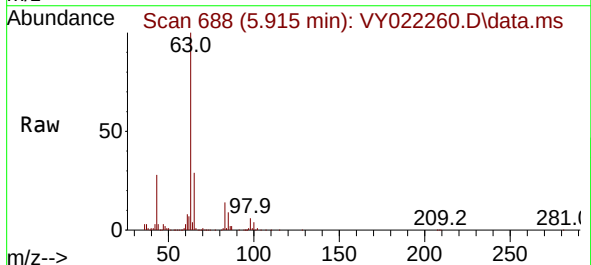
Tgt Ion: 43 Resp: 153050
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

Manual Integrations
 APPROVED

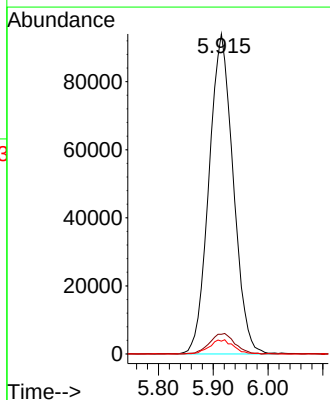
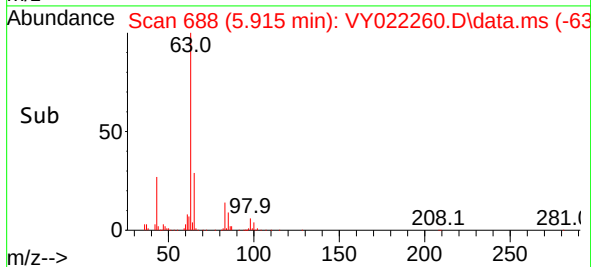
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

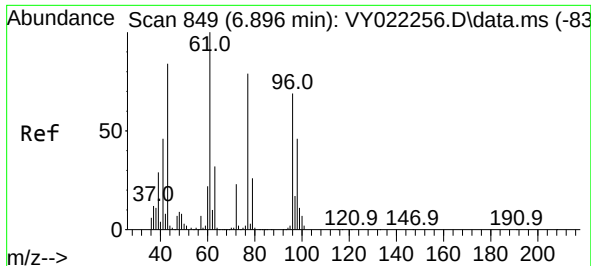


#24
 1,1-Dichloroethane
 Concen: 51.668 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022260.D
 Acq: 15 May 2025 13:20



Tgt Ion: 63 Resp: 288933
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.5
 100 4.0 2.4 7.2





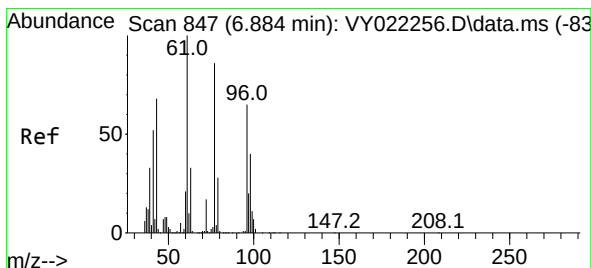
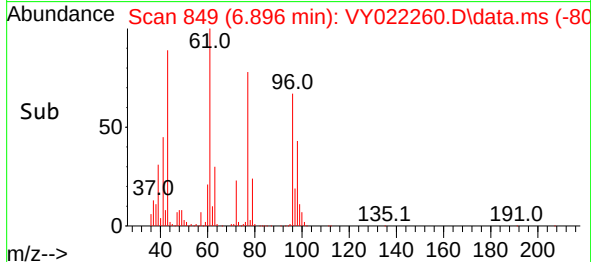
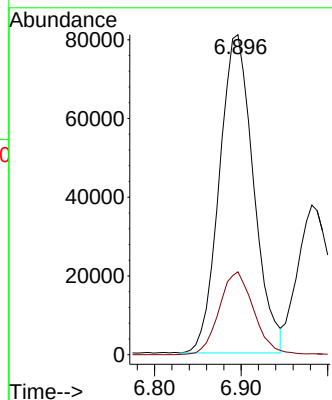
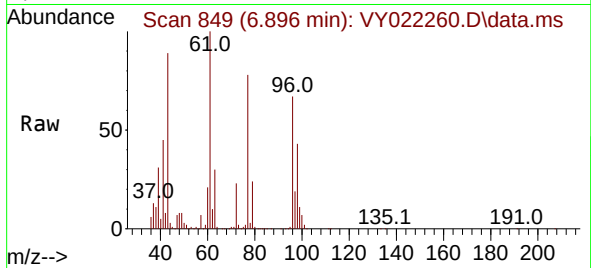
#25
2-Butanone
Concen: 255.929 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Tgt Ion: 43 Resp: 221702
Ion Ratio Lower Upper
43 100
72 25.9 22.1 33.1

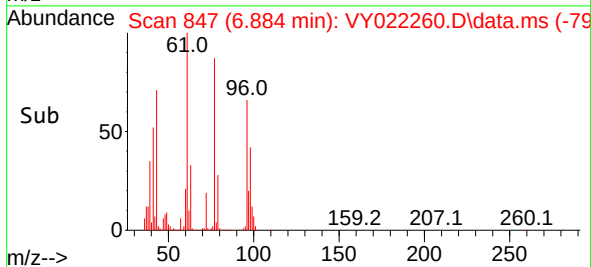
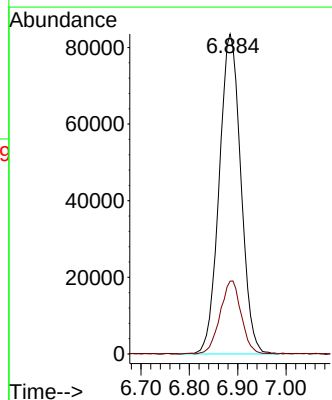
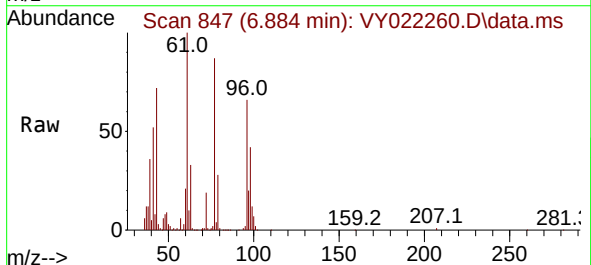
Manual Integrations
APPROVED

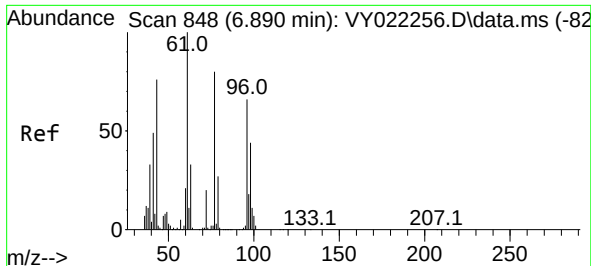
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#26
2,2-Dichloropropane
Concen: 52.191 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

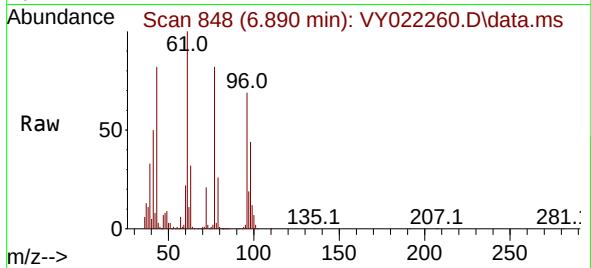
Tgt Ion: 77 Resp: 259587
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 52.479 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022260.D
 Acq: 15 May 2025 13:20

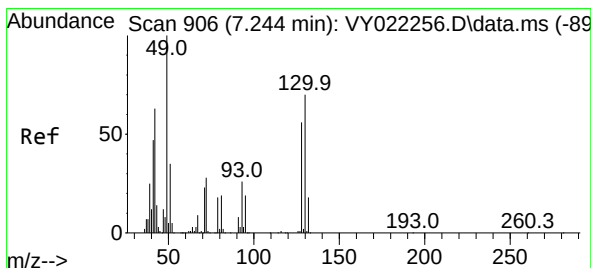
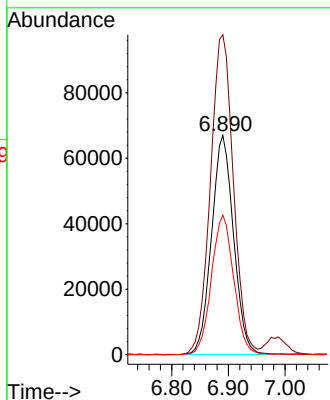
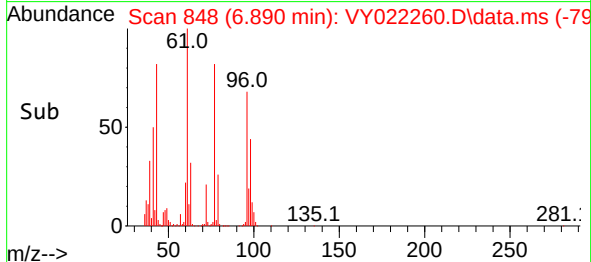
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051525



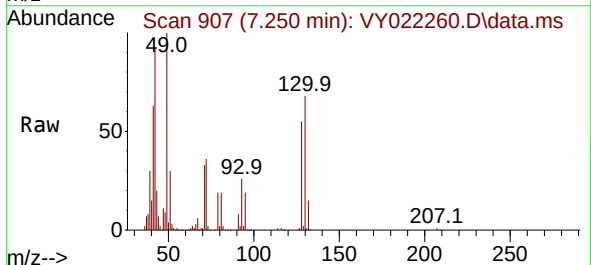
Tgt Ion: 96 Resp: 18069
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 302.6
 98 64.5 0.0 128.8

Manual Integrations
 APPROVED

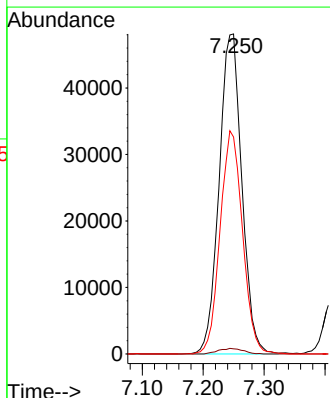
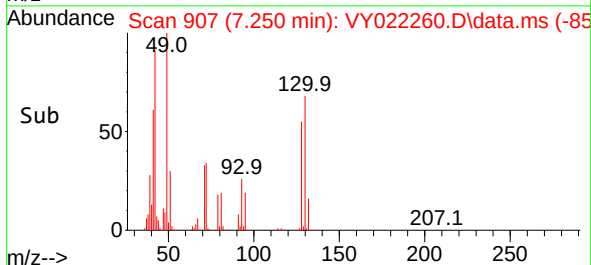
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

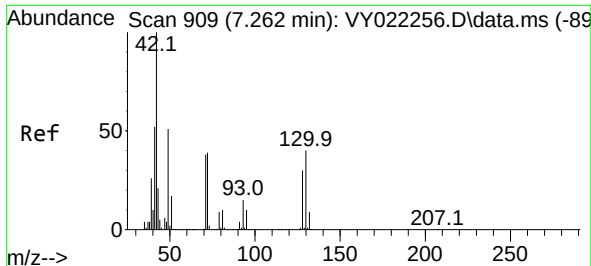


#28
 Bromochloromethane
 Concen: 52.305 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY022260.D
 Acq: 15 May 2025 13:20



Tgt Ion: 49 Resp: 124761
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 68.8 54.7 82.1





#29

Tetrahydrofuran

Concen: 264.847 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion: 42 Resp: 14760

Ion Ratio Lower Upper

42 100

72 42.1 33.8 50.6

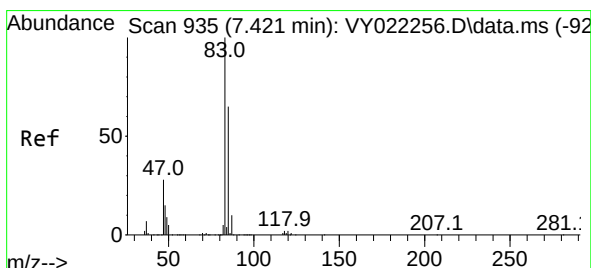
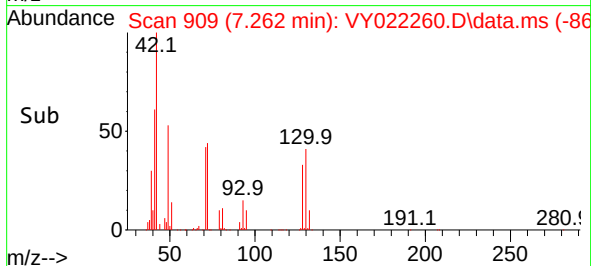
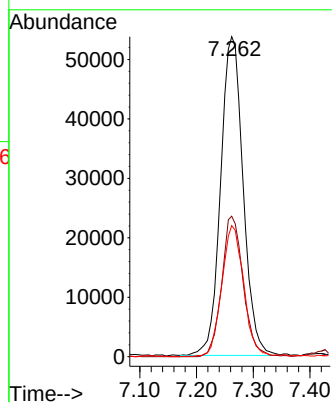
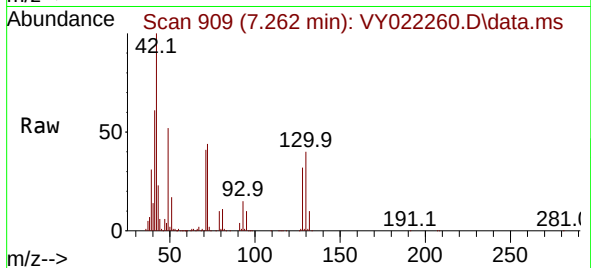
71 40.1 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#30

Chloroform

Concen: 52.810 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022260.D

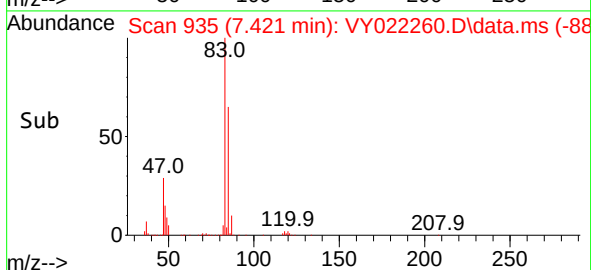
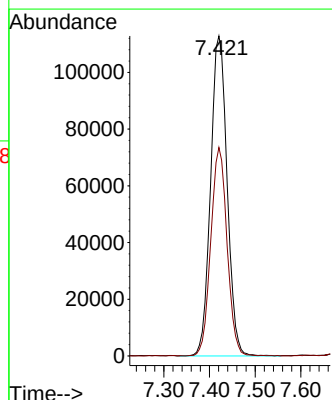
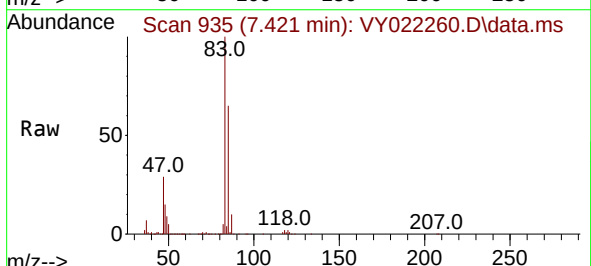
Acq: 15 May 2025 13:20

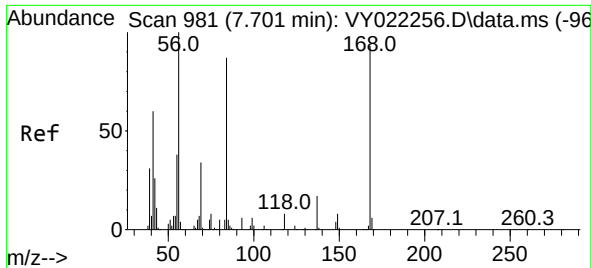
Tgt Ion: 83 Resp: 283264

Ion Ratio Lower Upper

83 100

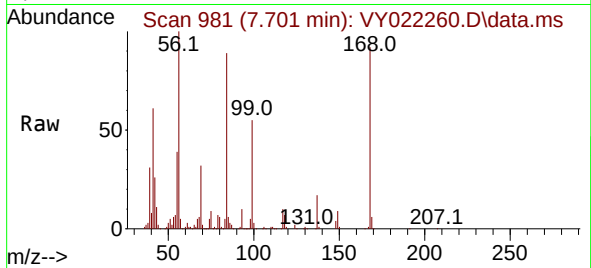
85 65.1 51.8 77.8





#31
Cyclohexane
Concen: 48.673 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

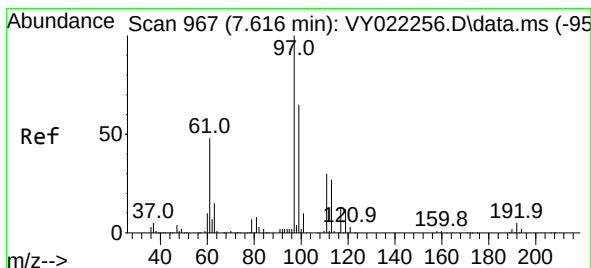
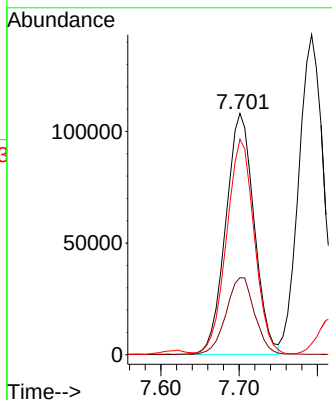
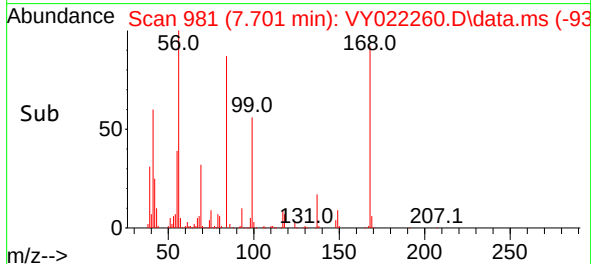
Instrument : MSVOA_Y
ClientSampleId : ICVVY051525



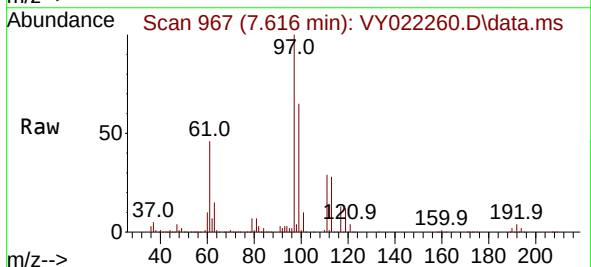
Tgt Ion: 56 Resp: 271949
Ion Ratio Lower Upper
56 100
69 31.8 27.4 41.2
84 87.5 70.0 105.0

Manual Integrations
APPROVED

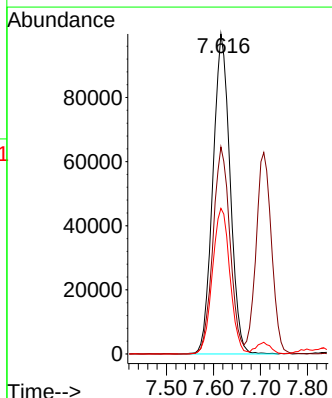
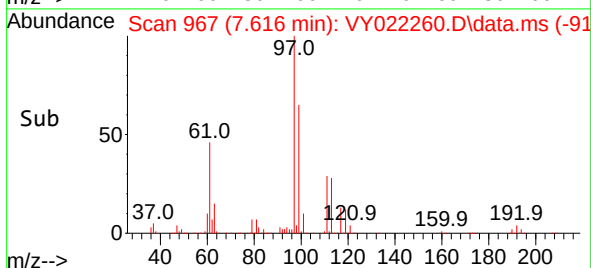
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

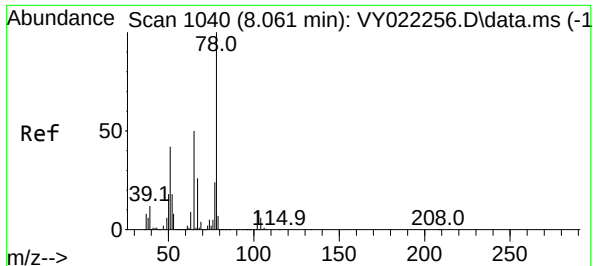


#32
1,1,1-Trichloroethane
Concen: 51.523 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



Tgt Ion: 97 Resp: 253549
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 46.6 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 52.104 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion: 65 Resp: 143909

Ion Ratio Lower Upper

65 100

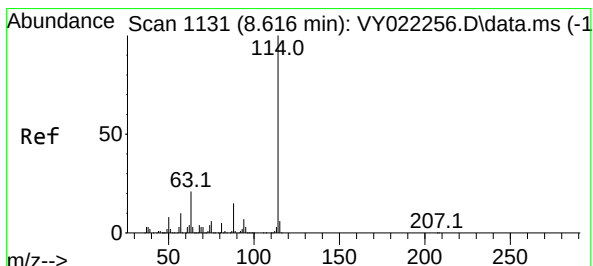
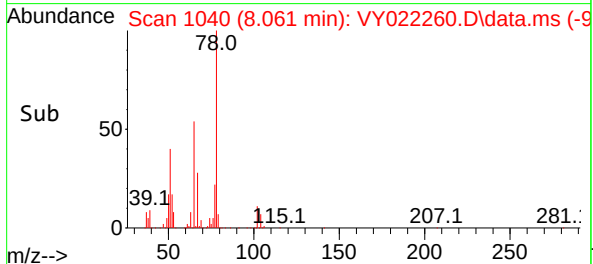
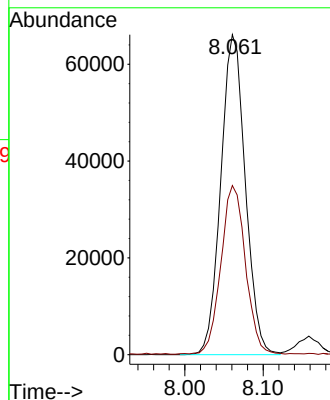
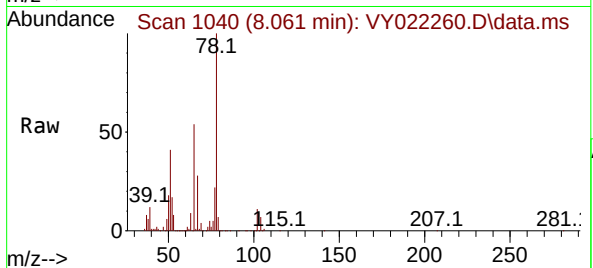
67 52.8 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

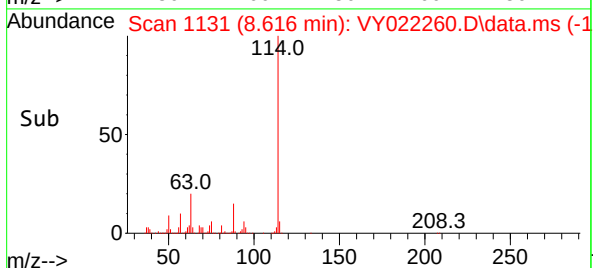
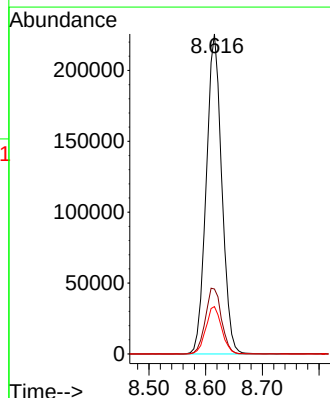
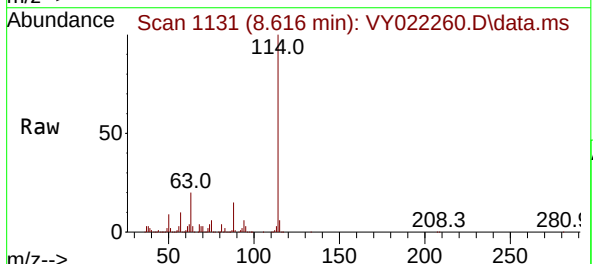
Tgt Ion:114 Resp: 428969

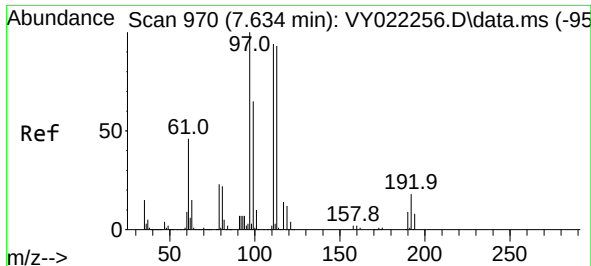
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.0

88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.658 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

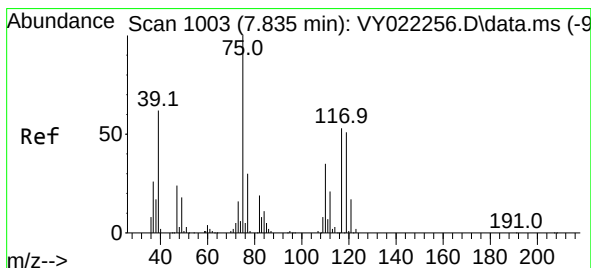
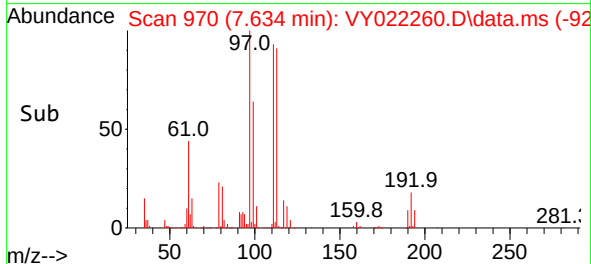
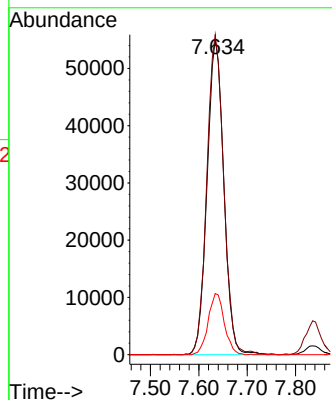
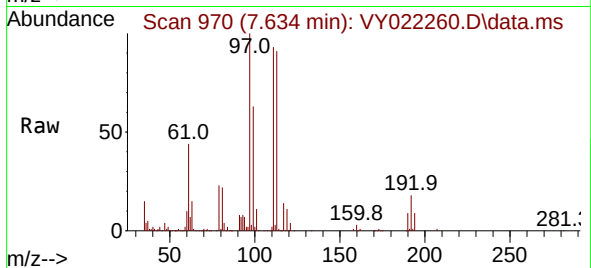
ICVVY051525

Tgt Ion:	113	Resp:	13226
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.6	123.8
192	18.7	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#36

1,1-Dichloropropene

Concen: 50.457 ug/l

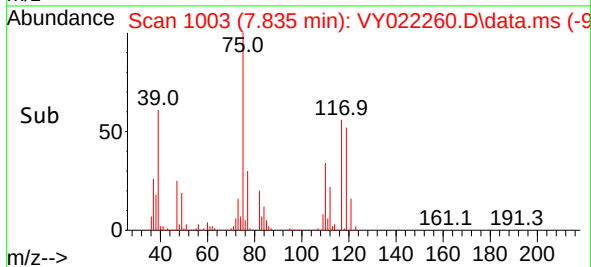
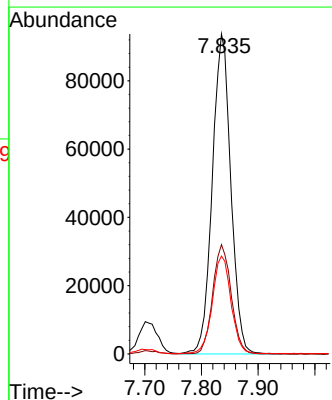
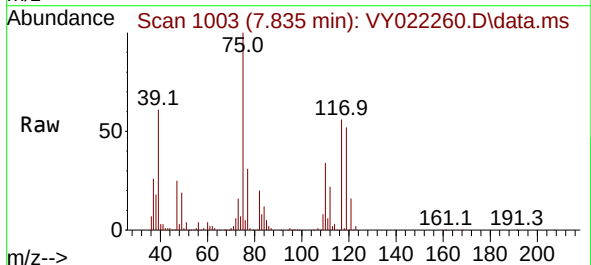
RT: 7.835 min Scan# 1003

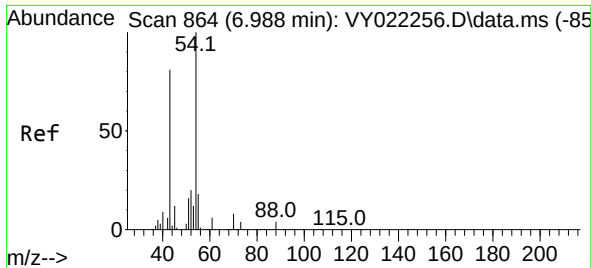
Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

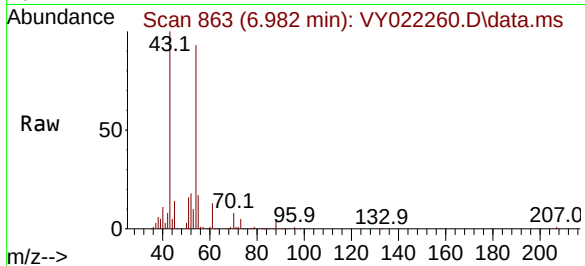
Tgt Ion:	75	Resp:	212786
Ion Ratio	Lower	Upper	
75	100		
110	34.0	16.6	49.8
77	30.7	24.6	37.0





#37
Ethyl Acetate
Concen: 50.633 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

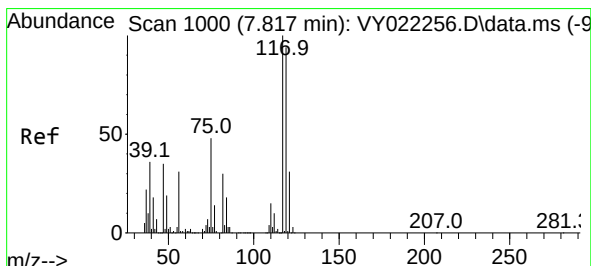
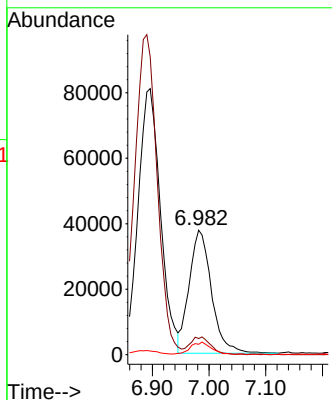
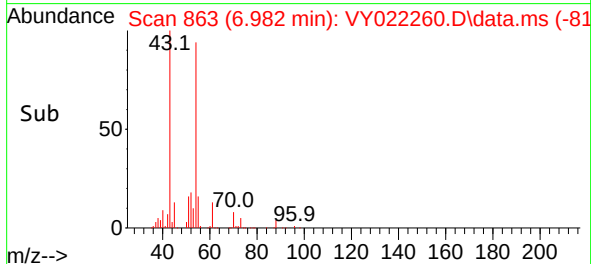
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 43 Resp: 102740
Ion Ratio Lower Upper
43 100
61 13.9 10.2 15.2
70 8.8 7.6 11.4

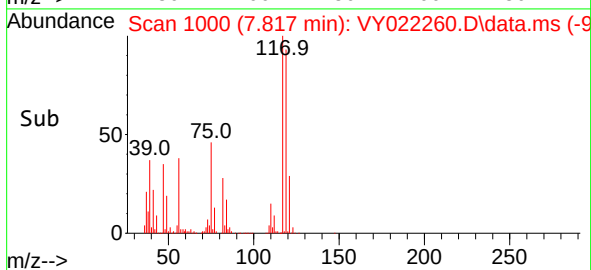
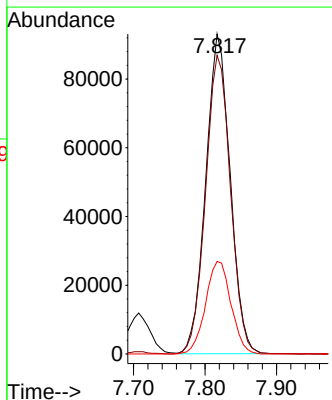
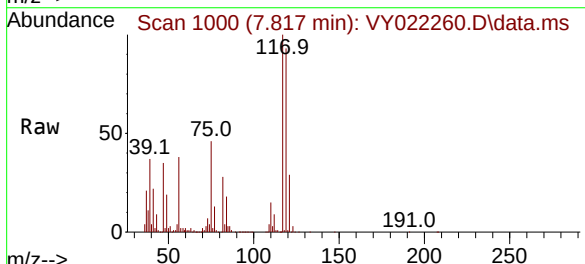
Manual Integrations
APPROVED

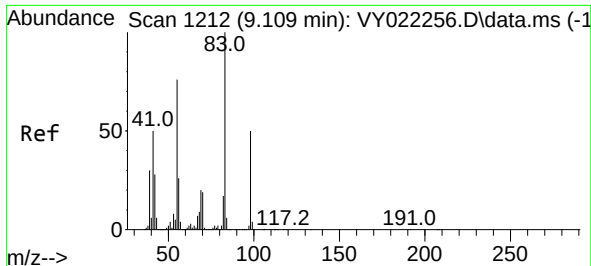
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#38
Carbon Tetrachloride
Concen: 50.543 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion:117 Resp: 220636
Ion Ratio Lower Upper
117 100
119 93.3 75.3 112.9
121 28.9 24.7 37.1





#39

Methylcyclohexane

Concen: 50.015 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022260.D

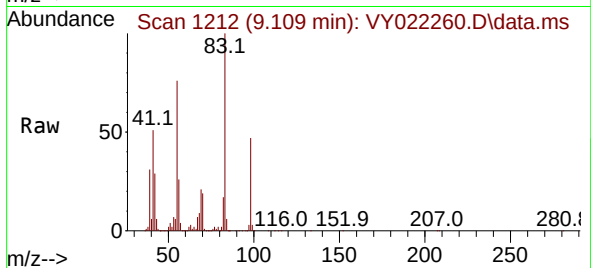
Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

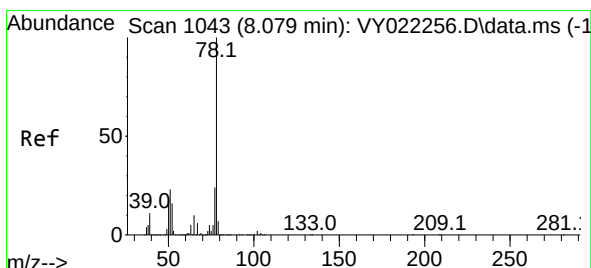
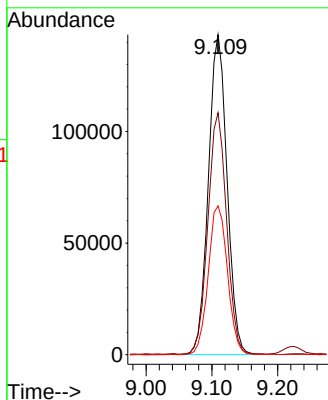
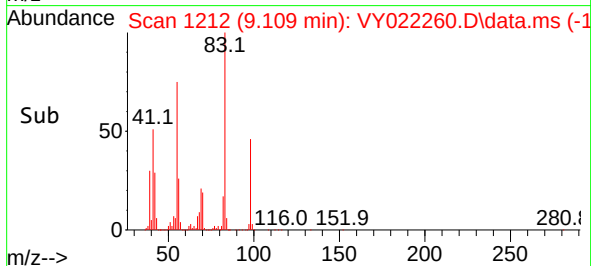


Tgt Ion: 83	Resp: 28337
Ion Ratio	Lower Upper
83 100	
55 75.5	60.6 90.8
98 46.5	40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#40

Benzene

Concen: 51.696 ug/l

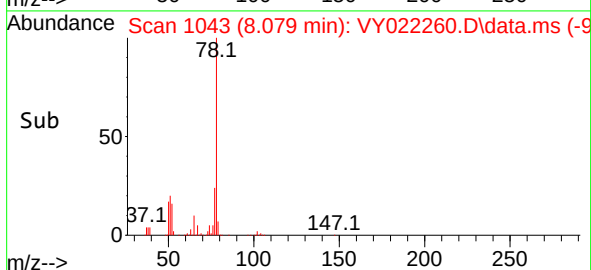
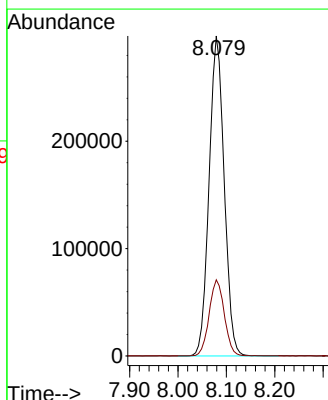
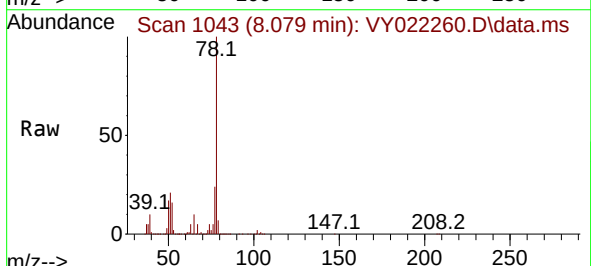
RT: 8.079 min Scan# 1043

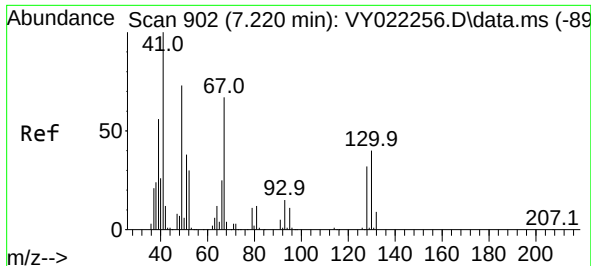
Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Tgt Ion: 78	Resp: 646289
Ion Ratio	Lower Upper
78 100	
77 23.8	18.9 28.3





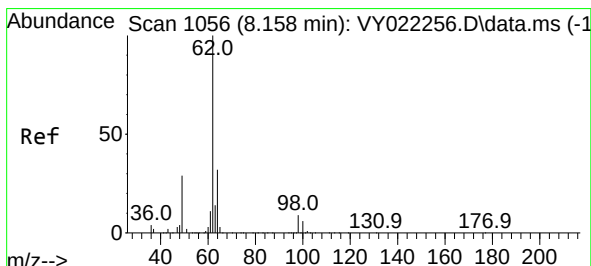
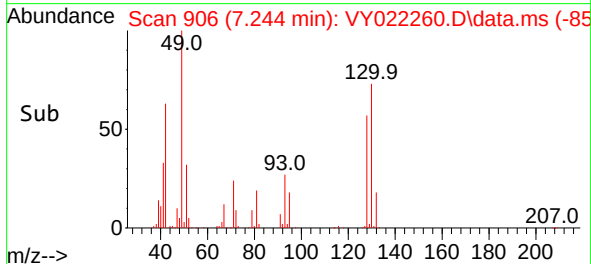
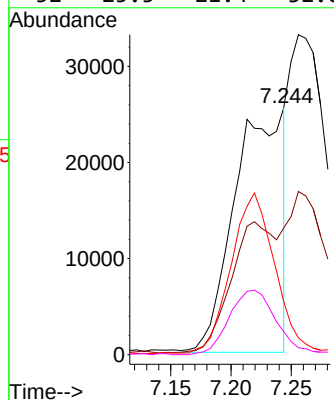
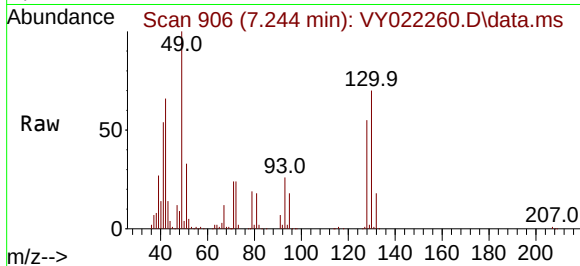
#41
Methacrylonitrile
Concen: 53.599 ug/l m
RT: 7.244 min Scan# 902
Delta R.T. 0.024 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Tgt Ion: 41 Resp: 7214
Ion Ratio Lower Upper
41 100
39 48.1 39.1 58.7
67 58.4 47.1 70.7
52 25.5 21.4 32.0

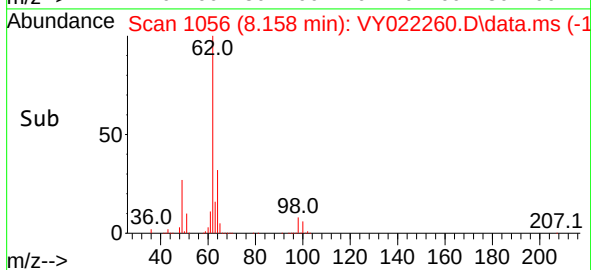
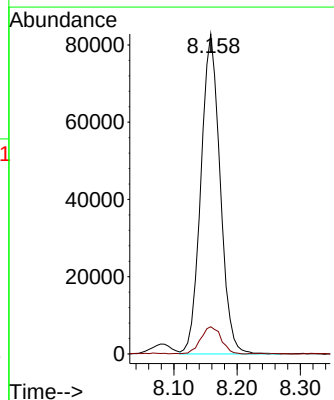
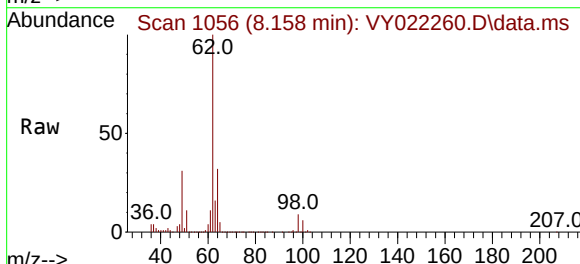
Manual Integrations
APPROVED

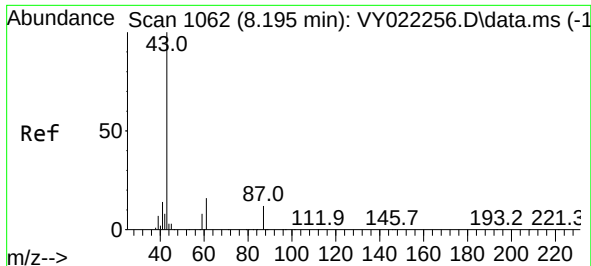
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#42
1,2-Dichloroethane
Concen: 51.834 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

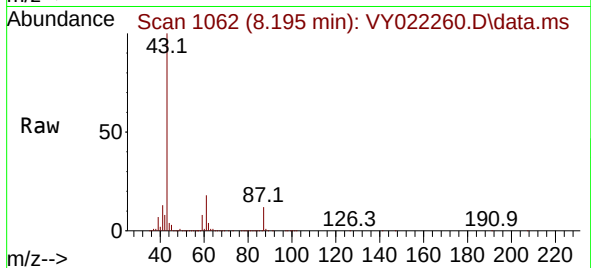
Tgt Ion: 62 Resp: 175241
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43
Isopropyl Acetate
Concen: 51.415 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

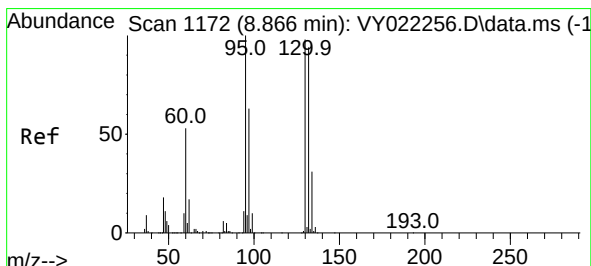
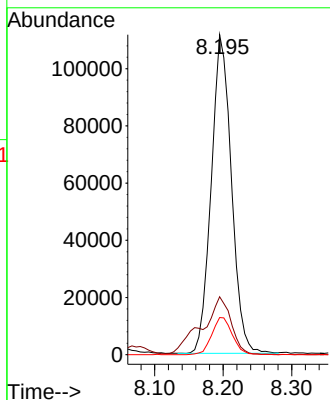
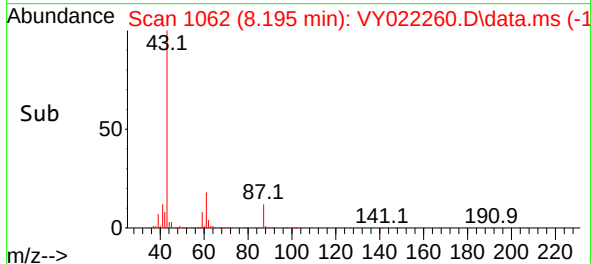
Instrument : MSVOA_Y
ClientSampleId : ICVVY051525



Tgt Ion: 43 Resp: 22752
Ion Ratio Lower Upper
43 100
61 26.5 15.1 22.7
87 11.9 9.7 14.5

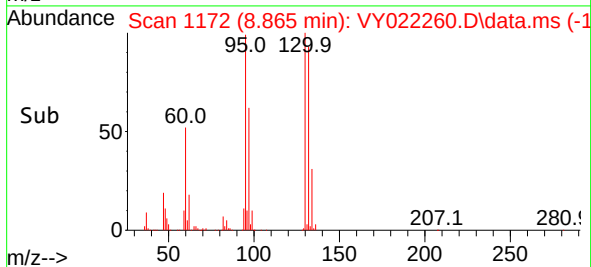
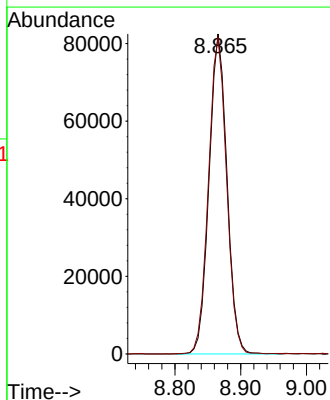
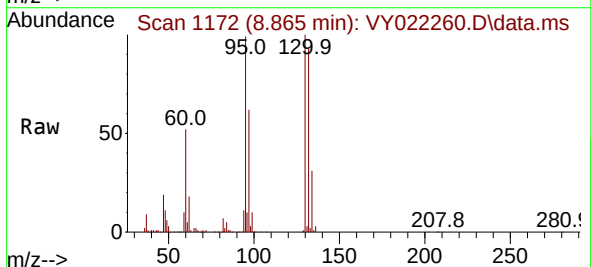
Manual Integrations
APPROVED

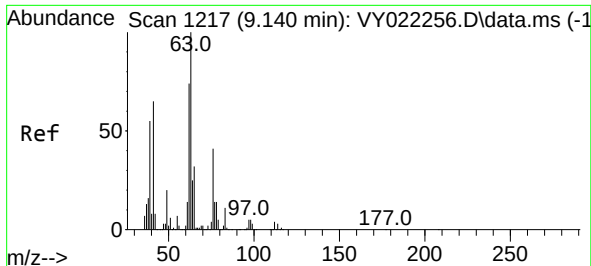
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#44
Trichloroethene
Concen: 50.335 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion:130 Resp: 156468
Ion Ratio Lower Upper
130 100
95 98.6 0.0 204.8





#45

1,2-Dichloropropane

Concen: 51.417 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion: 63 Resp: 15497

Ion Ratio Lower Upper

63 100

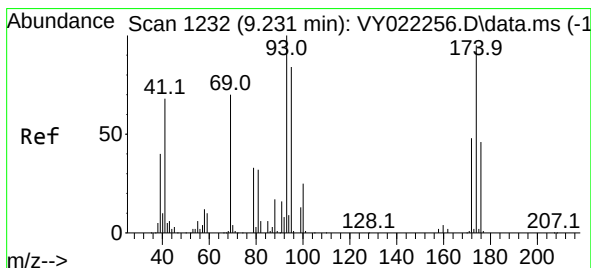
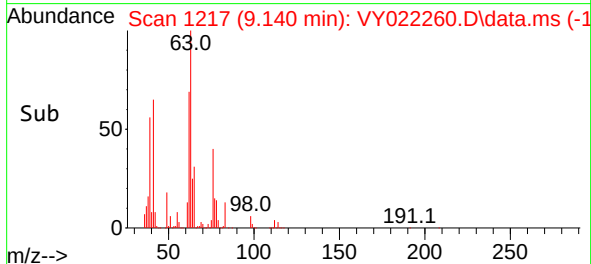
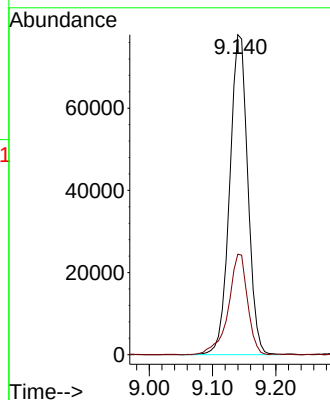
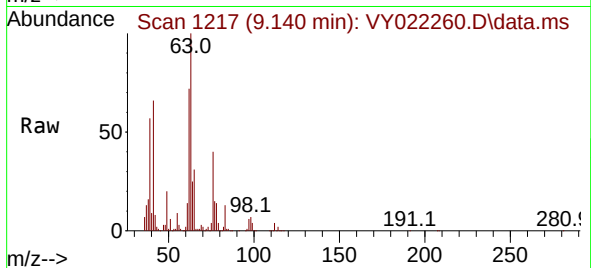
65 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#46

Dibromomethane

Concen: 51.423 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

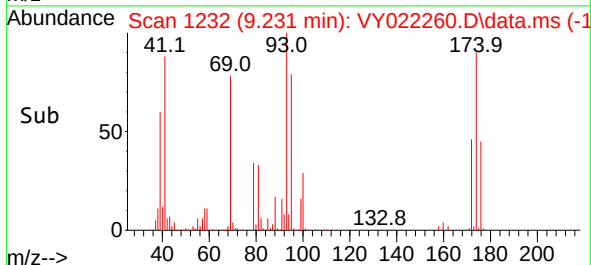
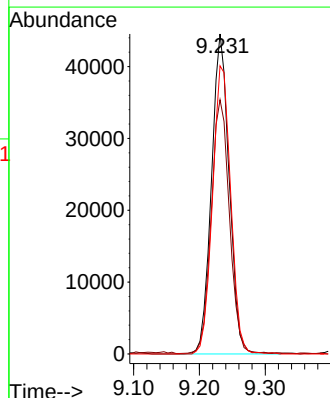
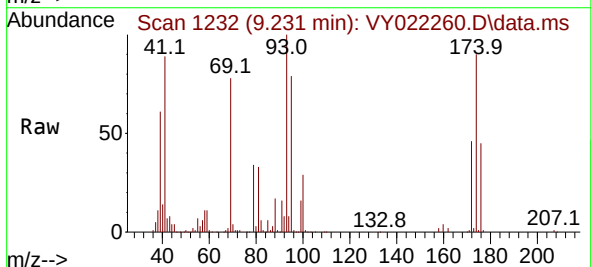
Tgt Ion: 93 Resp: 83597

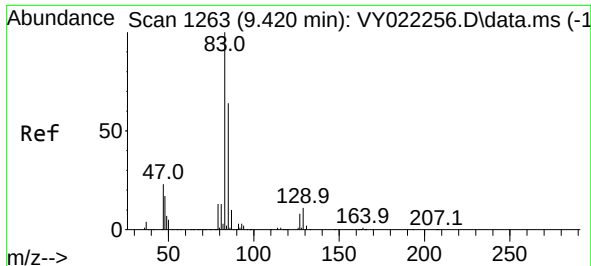
Ion Ratio Lower Upper

93 100

95 81.4 65.2 97.8

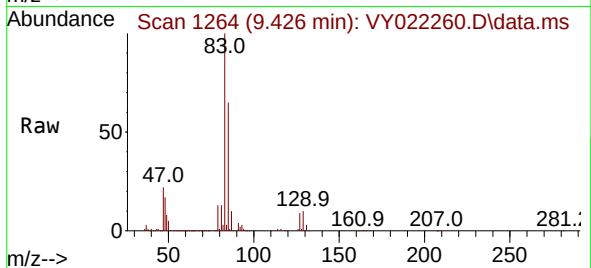
174 92.4 74.3 111.5





#47
Bromodichloromethane
Concen: 52.508 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

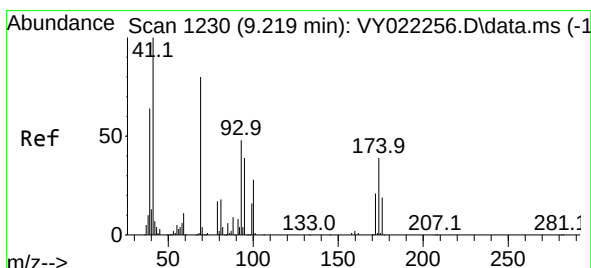
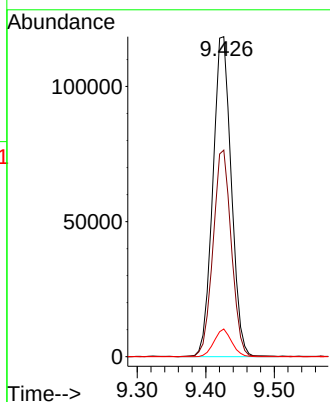
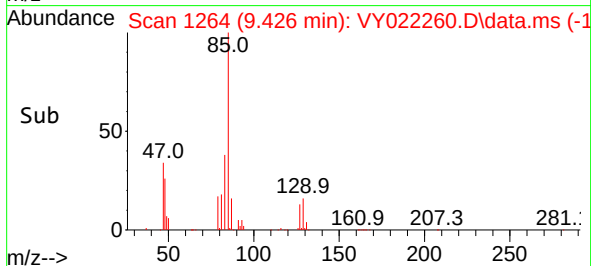
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 83 Resp: 221440
Ion Ratio Lower Upper
83 100
85 64.5 51.1 76.7
127 8.6 6.6 10.0

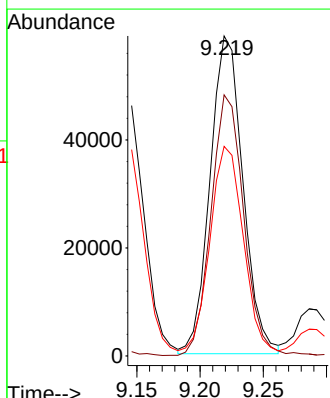
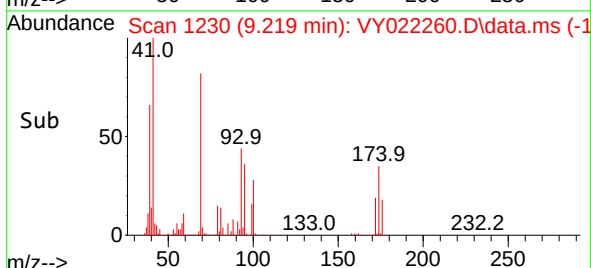
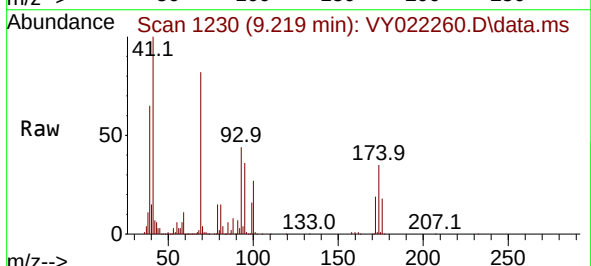
Manual Integrations
APPROVED

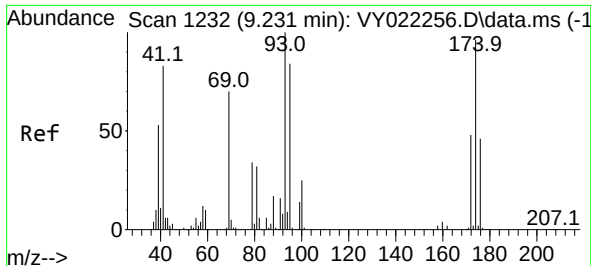
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#48
Methyl methacrylate
Concen: 51.357 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion: 41 Resp: 106283
Ion Ratio Lower Upper
41 100
69 81.5 63.5 95.3
39 64.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1008.479 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

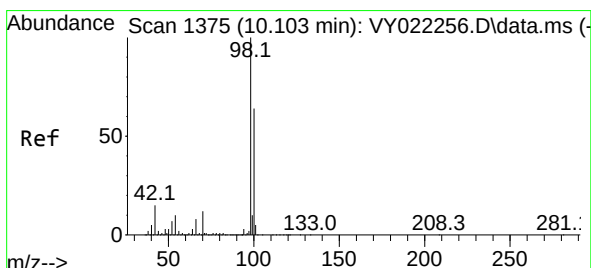
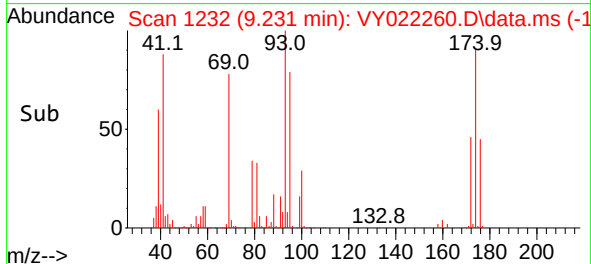
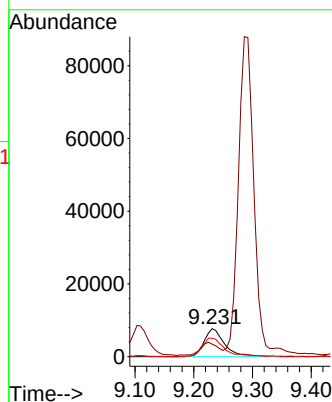
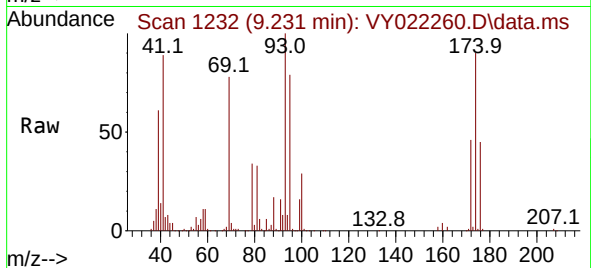
ICVVY051525

Tgt Ion:	88	Resp:	1852
Ion Ratio	Lower	Upper	
88	100		
43	40.7	28.5	42.7
58	74.5	61.4	92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#50

Toluene-d8

Concen: 51.229 ug/l

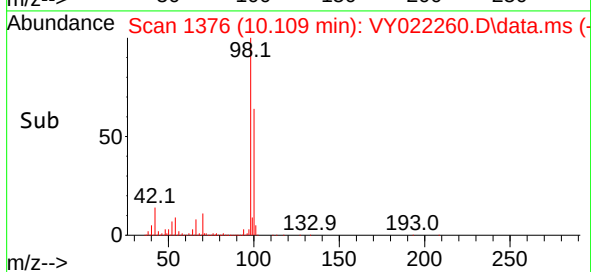
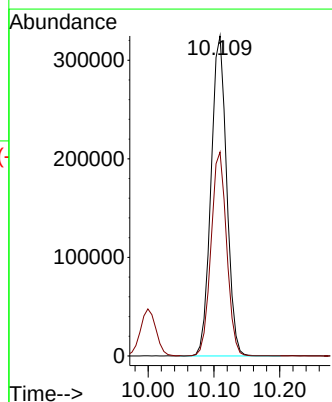
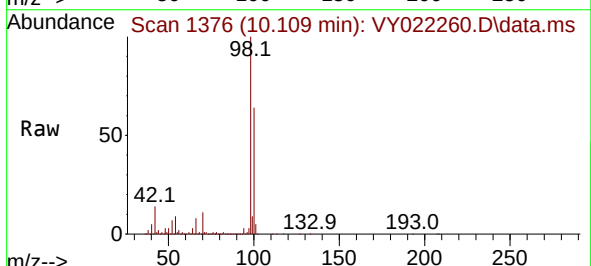
RT: 10.109 min Scan# 1376

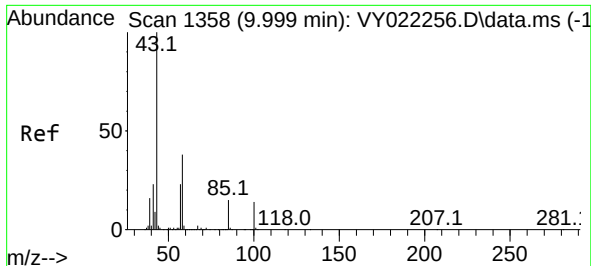
Delta R.T. 0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

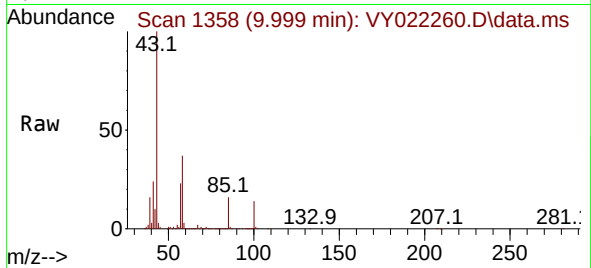
Tgt Ion:	98	Resp:	537188
Ion Ratio	Lower	Upper	
98	100		
100	63.6	51.8	77.8





#51
4-Methyl-2-Pentanone
Concen: 261.463 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

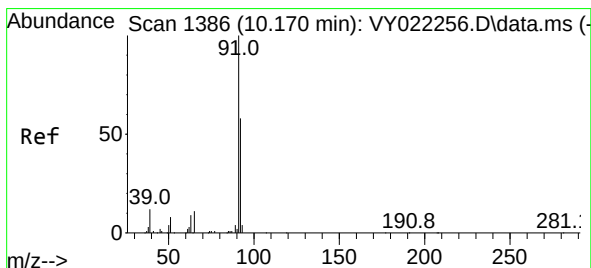
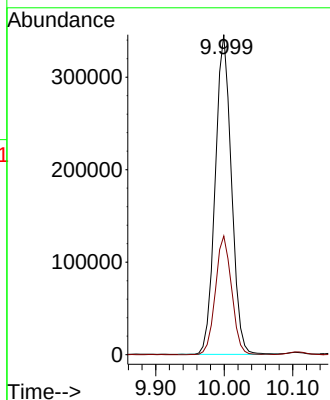
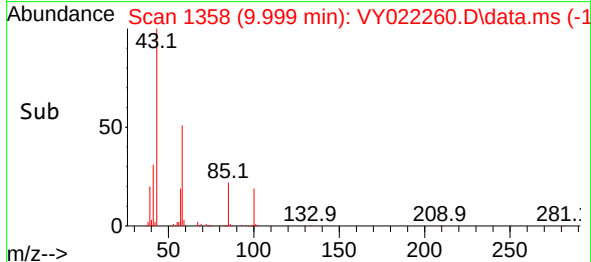
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



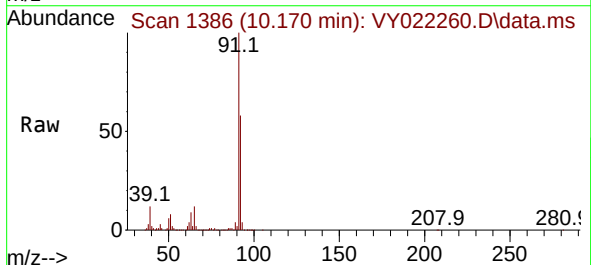
Tgt Ion: 43 Resp: 56772
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.2

Manual Integrations
APPROVED

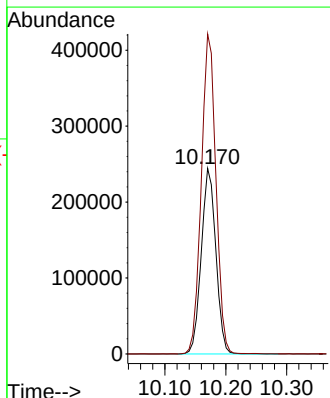
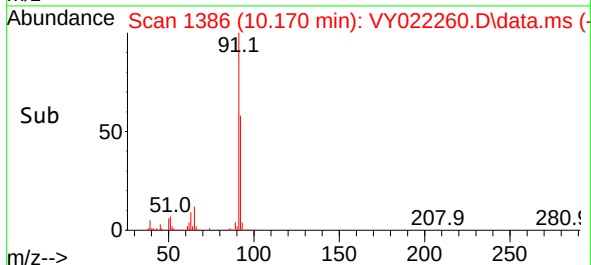
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

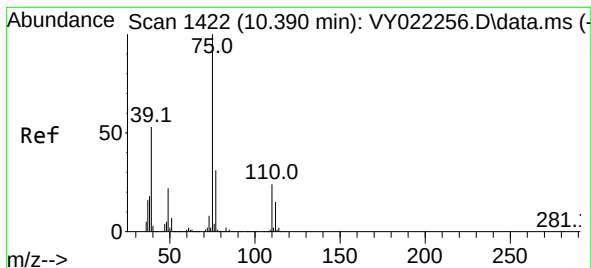


#52
Toluene
Concen: 51.337 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



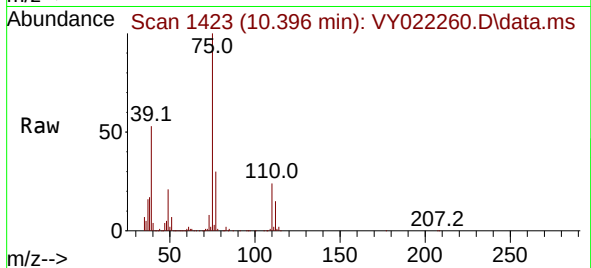
Tgt Ion: 92 Resp: 406420
Ion Ratio Lower Upper
92 100
91 173.0 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 51.458 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

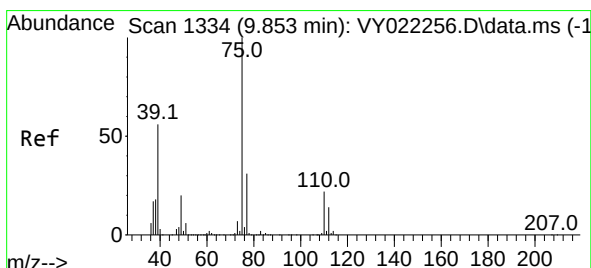
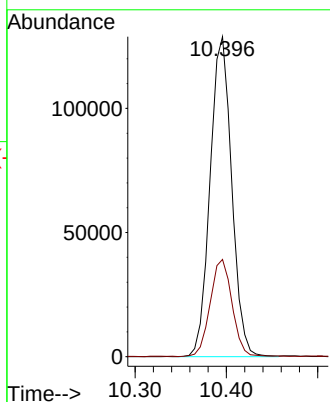
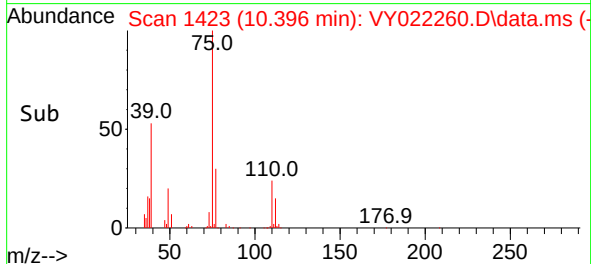
Instrument : MSVOA_Y
ClientSampleId : ICVVY051525



Tgt Ion: 75 Resp: 211790
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6

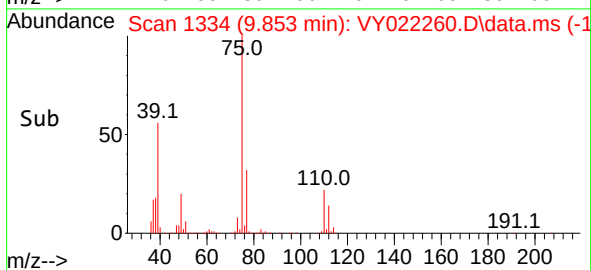
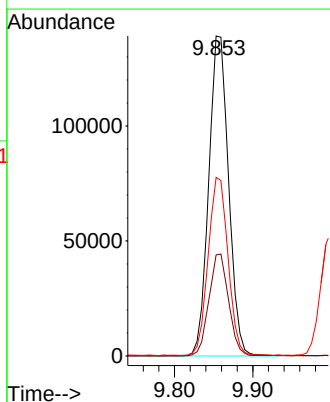
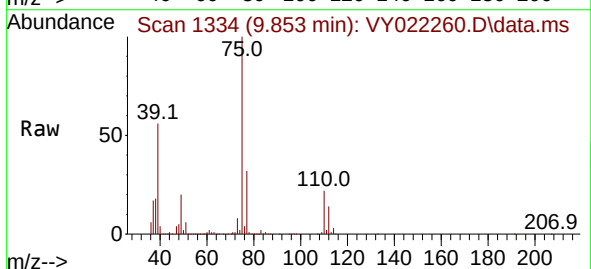
Manual Integrations
APPROVED

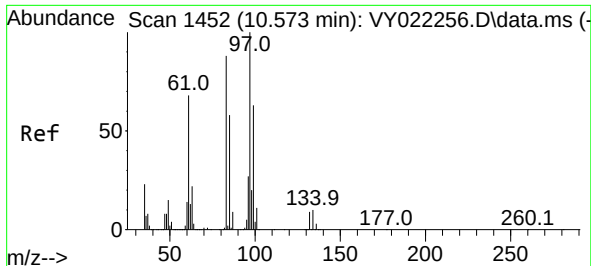
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 51.916 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

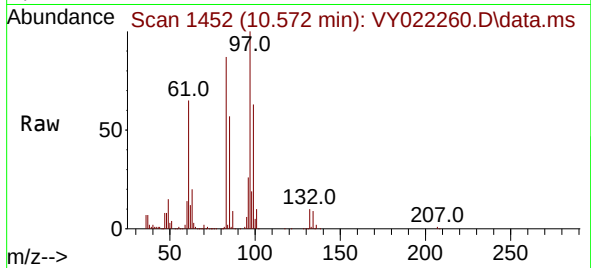
Tgt Ion: 75 Resp: 244811
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7
39 55.6 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 51.142 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument : MSVOA_Y
ClientSampleId : ICVVY051525

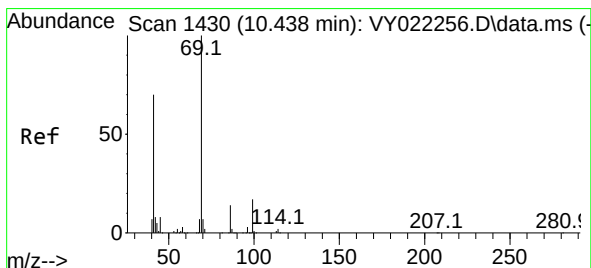
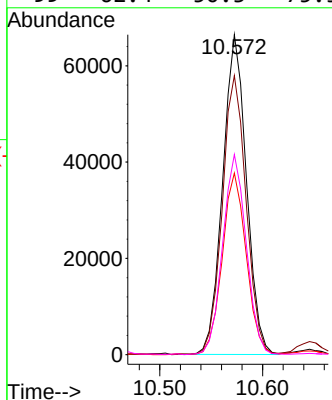
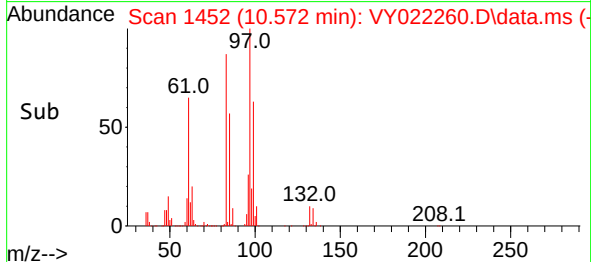


Tgt Ion: 97 Resp: 106464

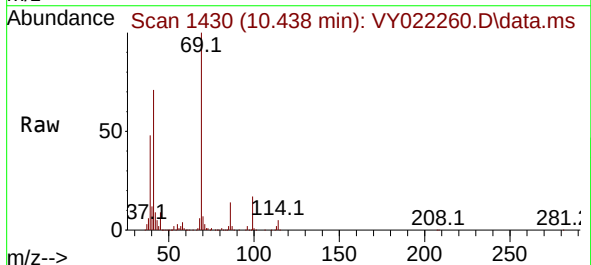
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.3	105.5
85	56.6	46.2	69.4
99	62.4	50.3	75.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

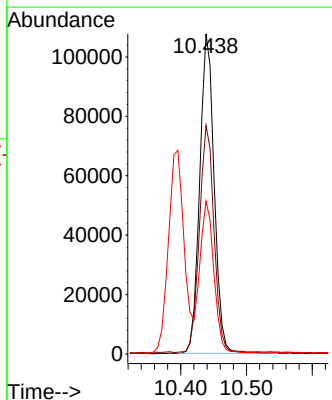
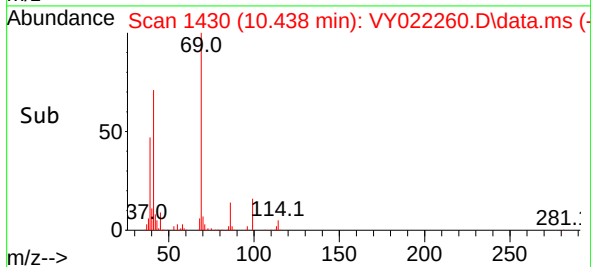


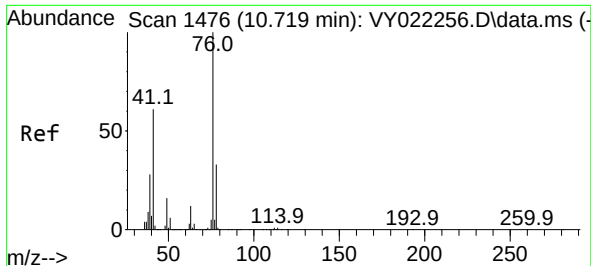
#56
Ethyl methacrylate
Concen: 50.639 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



Tgt Ion: 69 Resp: 164207

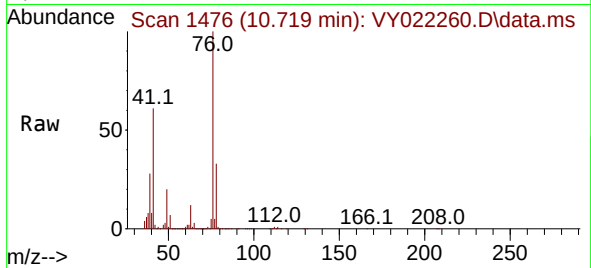
Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.5	84.7
39	45.6	37.1	55.7





#57
1,3-Dichloropropane
Concen: 51.880 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

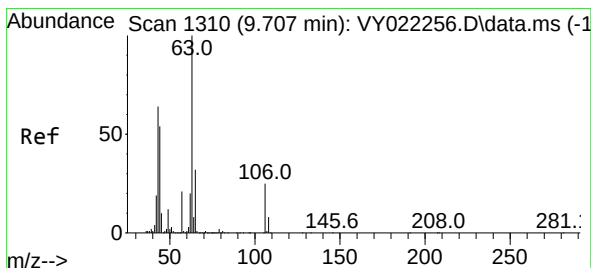
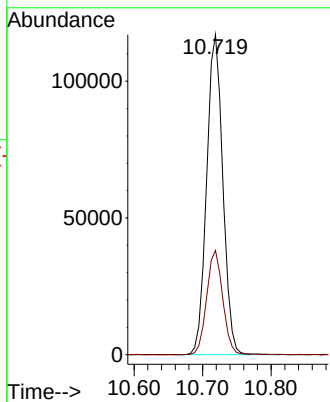
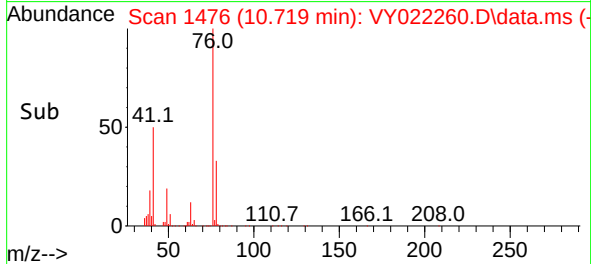
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



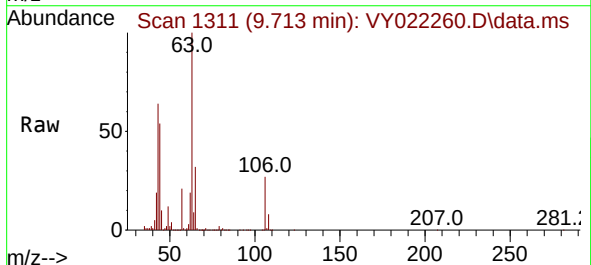
Tgt Ion: 76 Resp: 191889
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

Manual Integrations
APPROVED

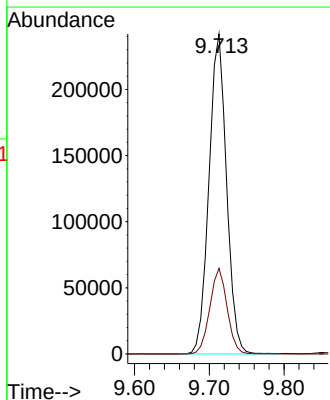
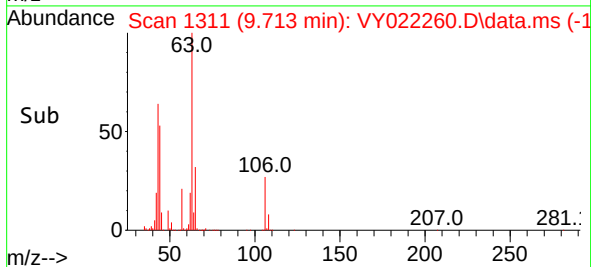
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

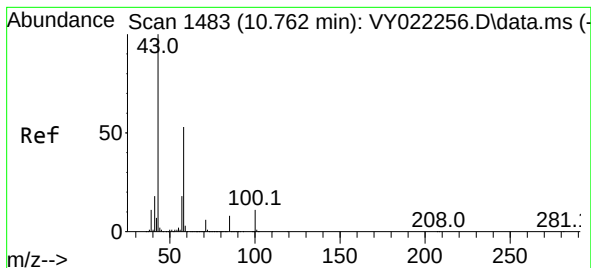


#58
2-Chloroethyl Vinyl ether
Concen: 271.104 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



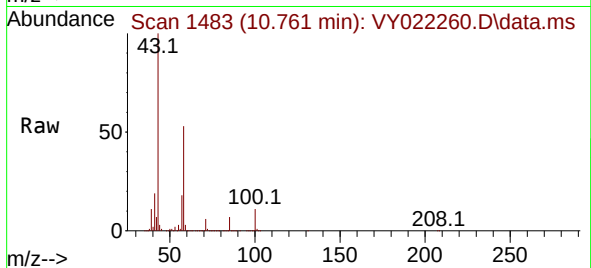
Tgt Ion: 63 Resp: 394587
Ion Ratio Lower Upper
63 100
106 26.3 21.0 31.4





#59
2-Hexanone
Concen: 257.738 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

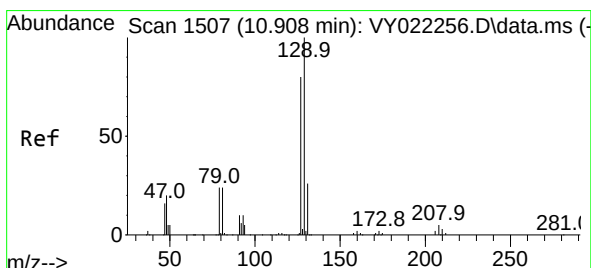
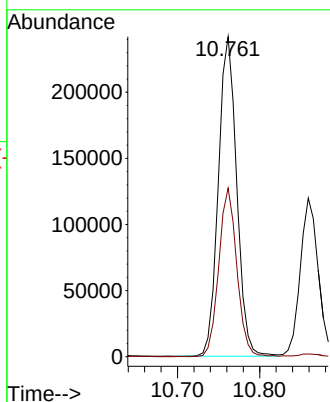
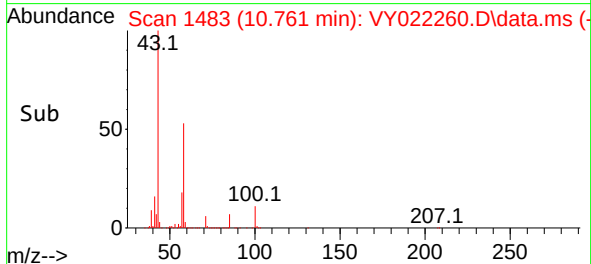
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



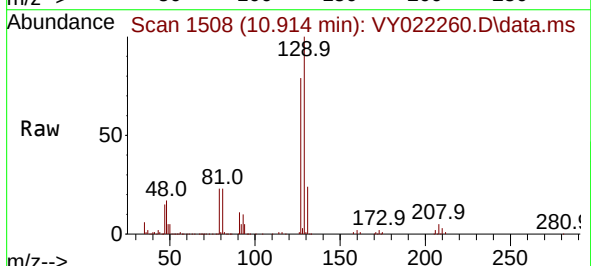
Tgt Ion: 43 Resp: 375224
Ion Ratio Lower Upper
43 100
58 52.0 26.1 78.3

Manual Integrations
APPROVED

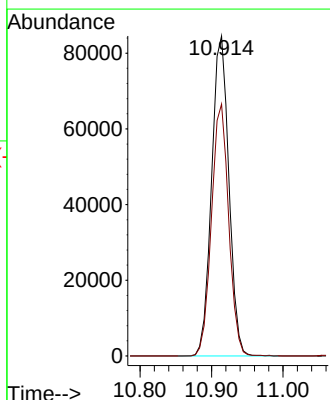
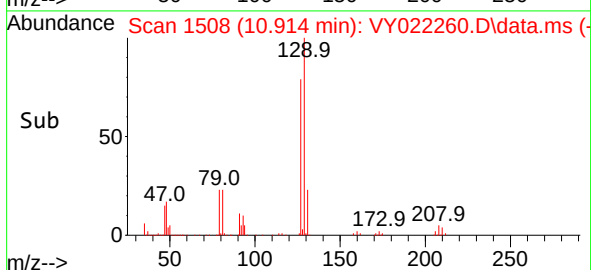
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

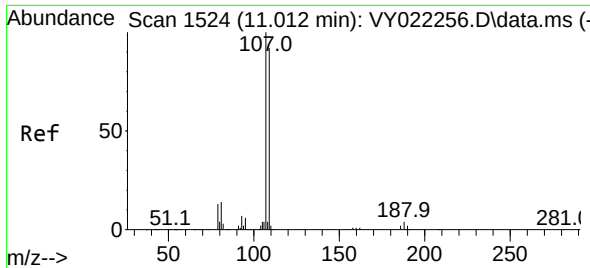


#60
Dibromochloromethane
Concen: 52.425 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



Tgt Ion:129 Resp: 141652
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7





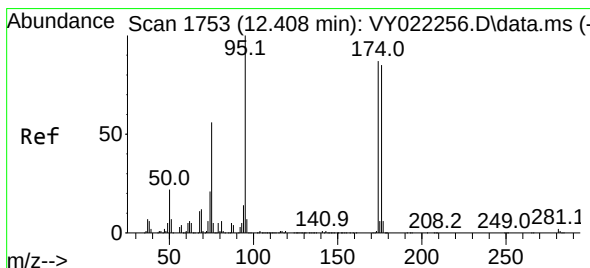
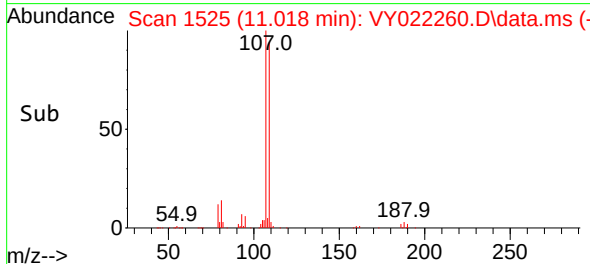
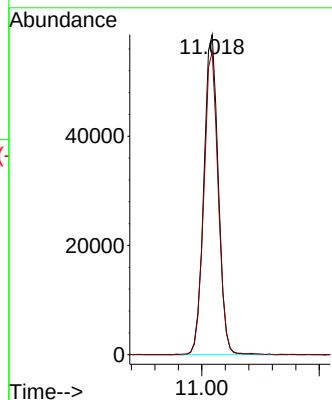
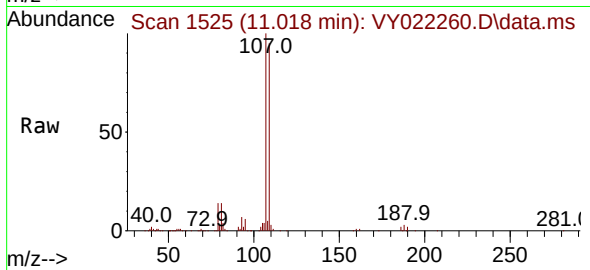
#61
1,2-Dibromoethane
Concen: 51.428 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Tgt Ion:107 Resp: 9978
Ion Ratio Lower Upper
107 100
109 94.4 74.6 111.8

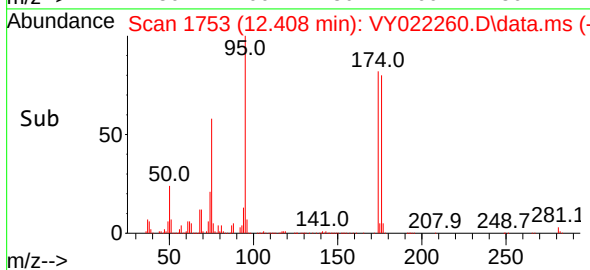
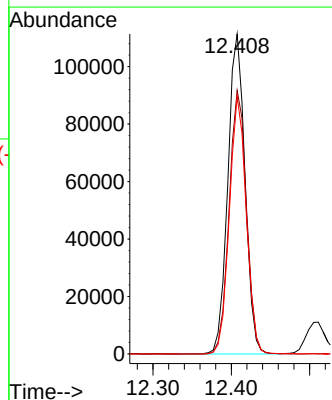
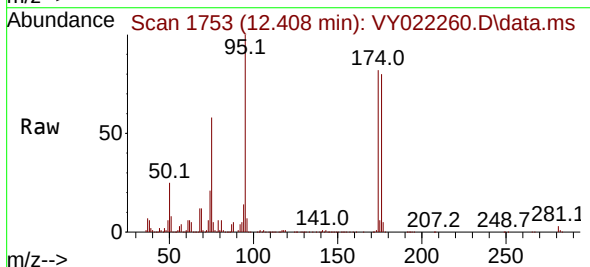
Manual Integrations
APPROVED

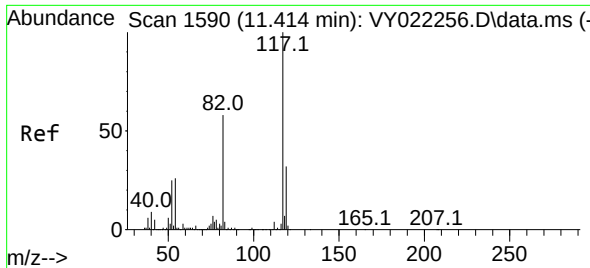
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#62
4-Bromofluorobenzene
Concen: 51.020 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

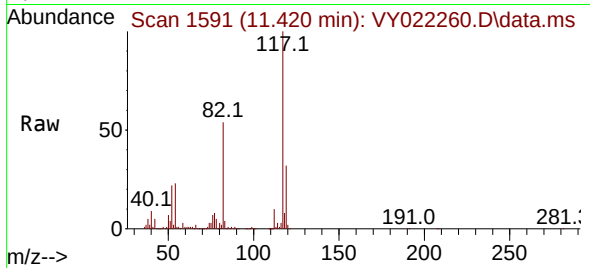
Tgt Ion: 95 Resp: 169575
Ion Ratio Lower Upper
95 100
174 83.5 0.0 166.8
176 79.1 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

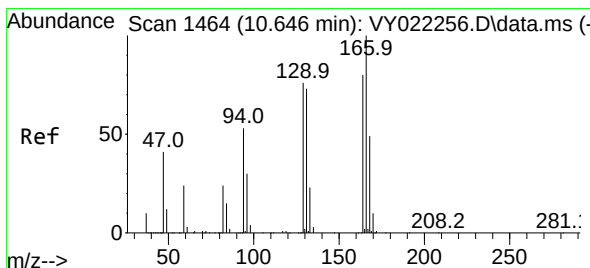
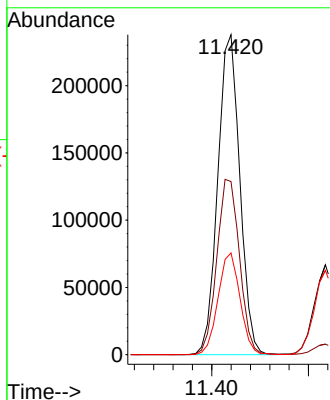
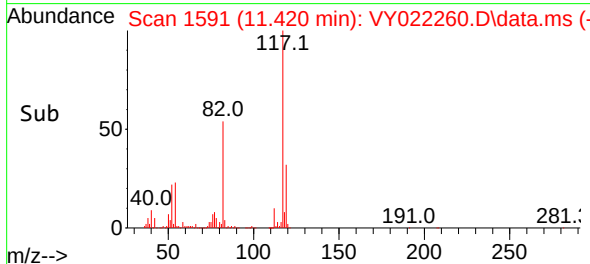
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



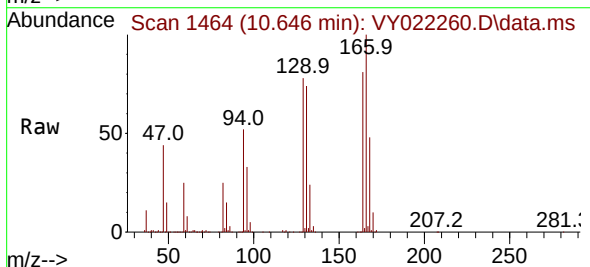
Tgt Ion:117 Resp: 375548
Ion Ratio Lower Upper
117 100
82 54.1 46.6 70.0
119 31.8 25.8 38.6

Manual Integrations
APPROVED

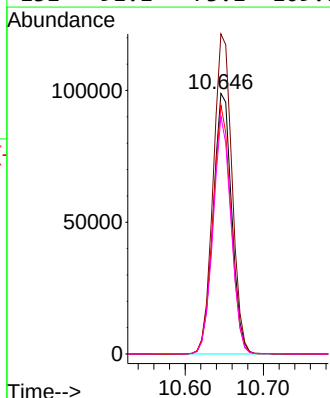
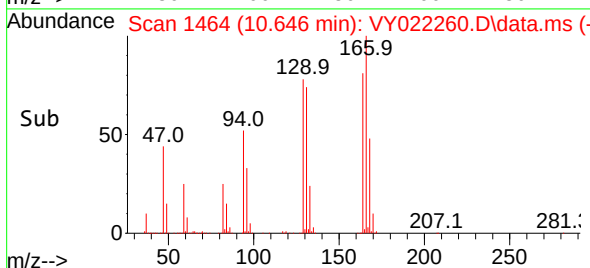
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

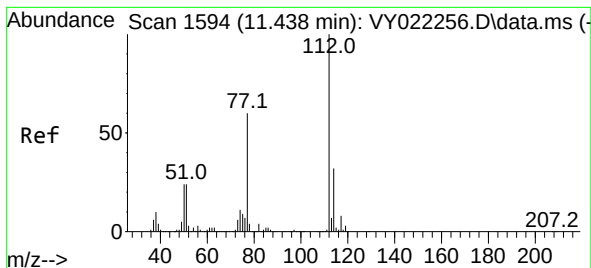


#64
Tetrachloroethene
Concen: 46.905 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



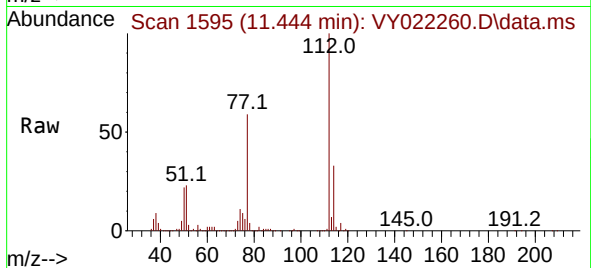
Tgt Ion:164 Resp: 162818
Ion Ratio Lower Upper
164 100
166 122.8 100.4 150.6
129 95.5 76.4 114.6
131 91.1 73.1 109.7





#65
Chlorobenzene
Concen: 49.827 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

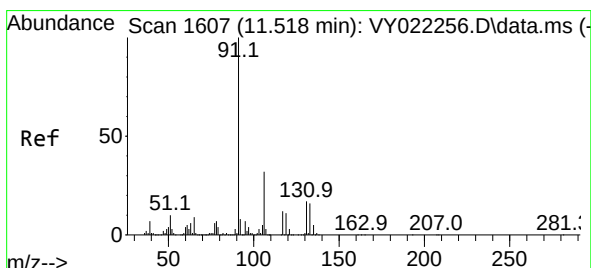
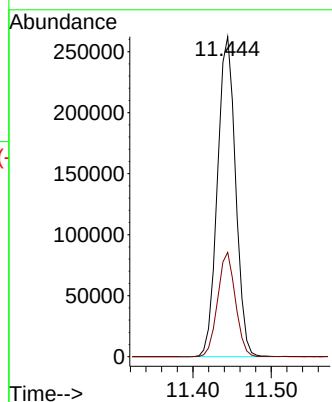
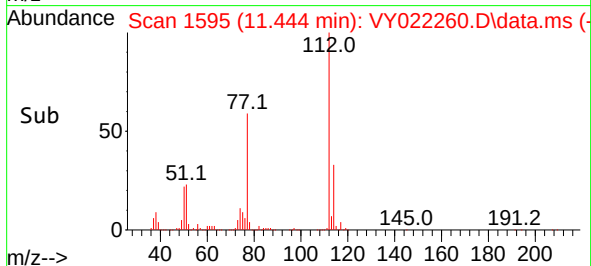
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



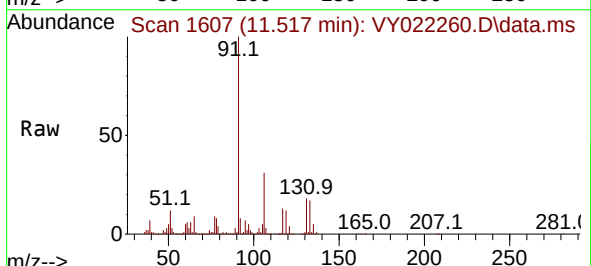
Tgt Ion:112 Resp: 422170
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

Manual Integrations
APPROVED

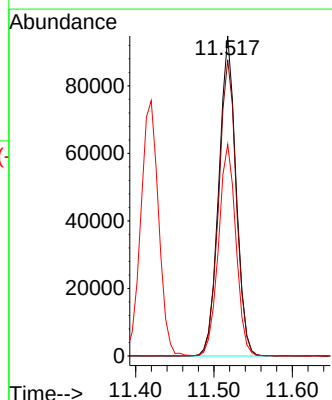
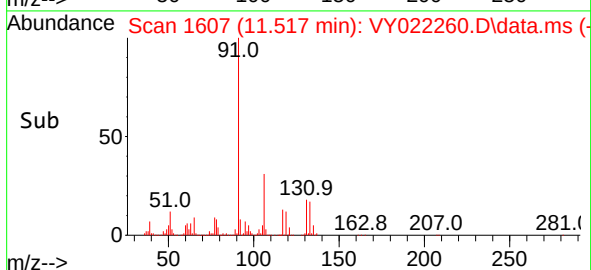
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

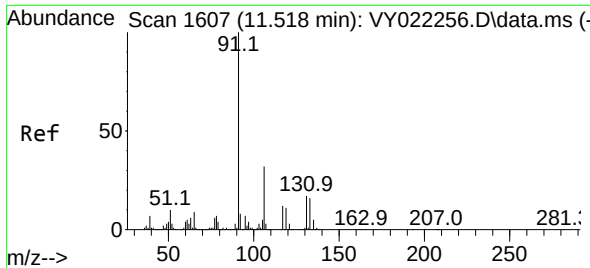


#66
1,1,1,2-Tetrachloroethane
Concen: 49.656 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



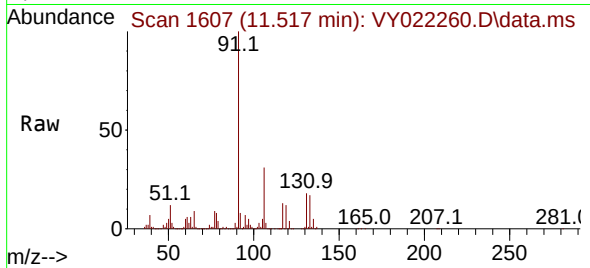
Tgt Ion:131 Resp: 144636
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 67.0 33.1 99.2





#67
Ethyl Benzene
Concen: 50.100 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

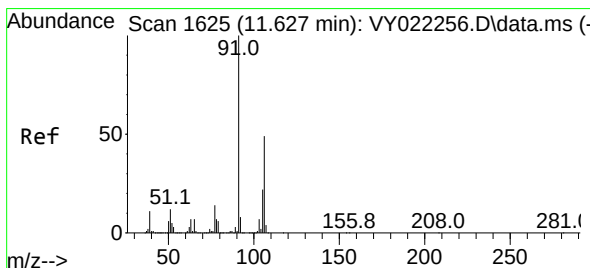
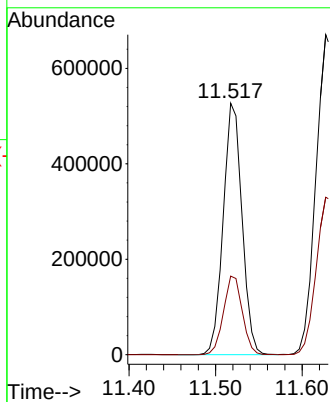
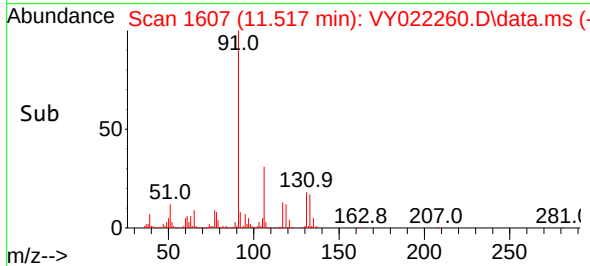
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



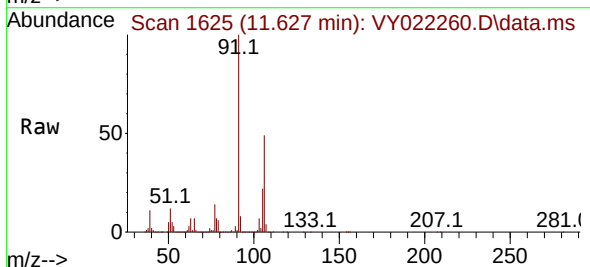
Tgt Ion: 91 Resp: 794978
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

Manual Integrations
APPROVED

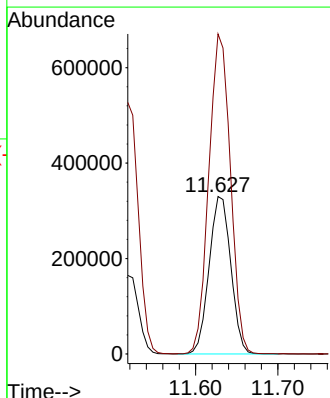
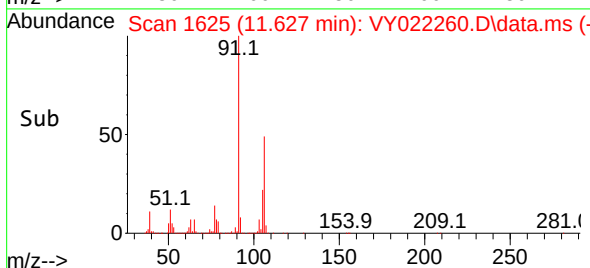
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

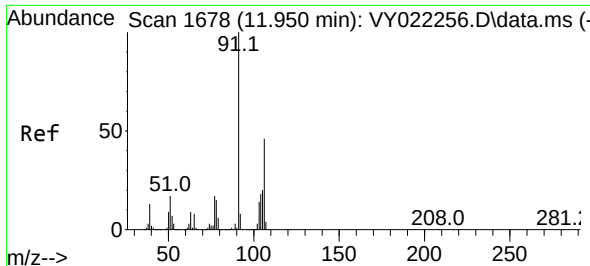


#68
m/p-Xylenes
Concen: 101.087 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



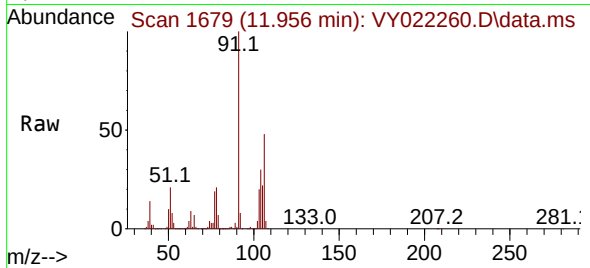
Tgt Ion:106 Resp: 604420
Ion Ratio Lower Upper
106 100
91 202.6 163.0 244.4





#69
o-Xylene
Concen: 50.682 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

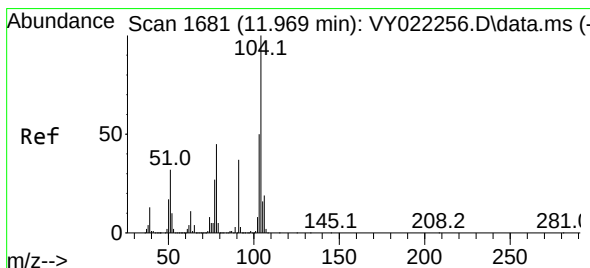
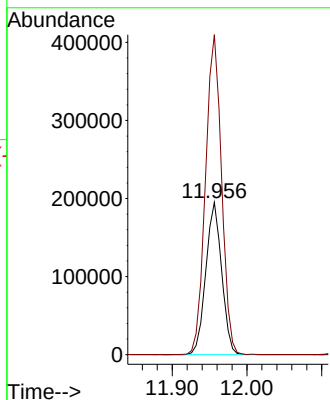
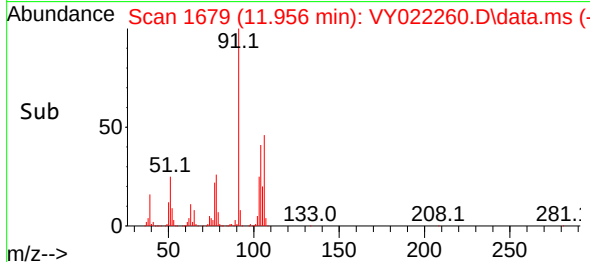
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



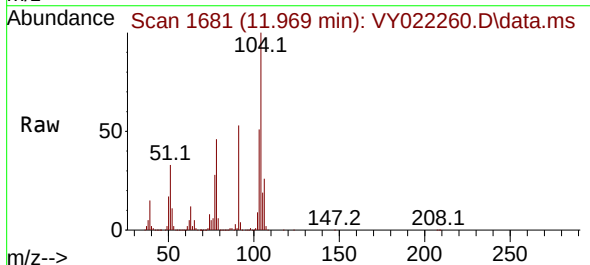
Tgt Ion:106 Resp: 286712
Ion Ratio Lower Upper
106 100
91 213.3 108.3 324.8

Manual Integrations
APPROVED

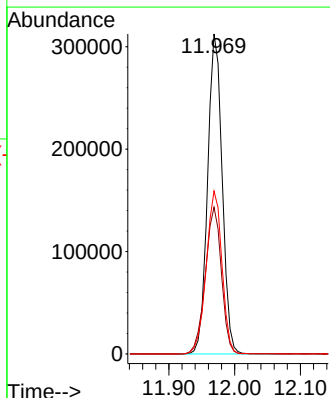
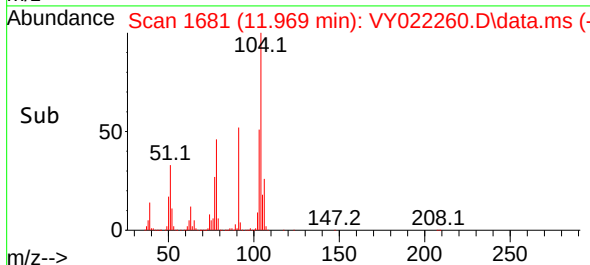
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

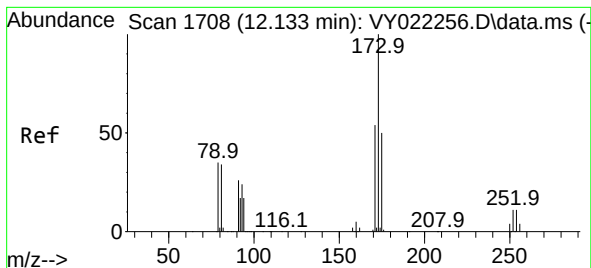


#70
Styrene
Concen: 50.471 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



Tgt Ion:104 Resp: 481621
Ion Ratio Lower Upper
104 100
78 50.7 40.9 61.3
103 55.1 43.7 65.5





#71

Bromoform

Concen: 51.022 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion:173 Resp: 80210

Ion Ratio Lower Upper

173 100

175 49.3 24.7 74.1

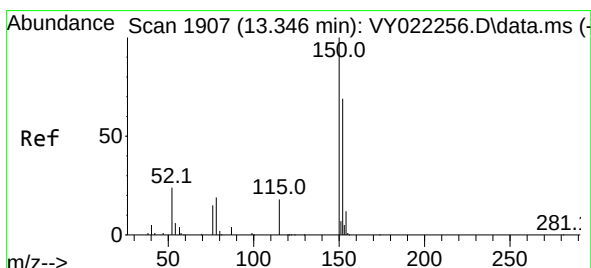
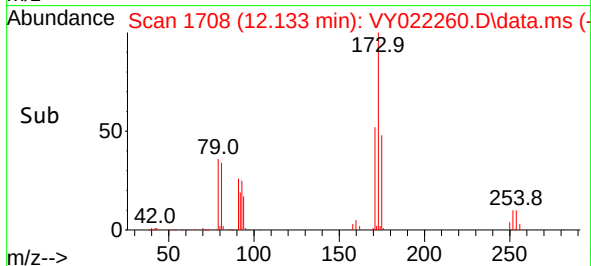
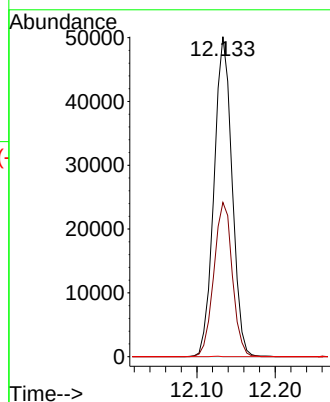
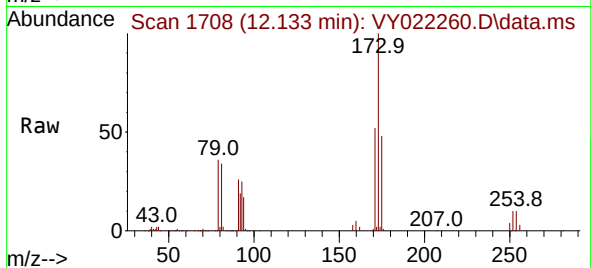
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

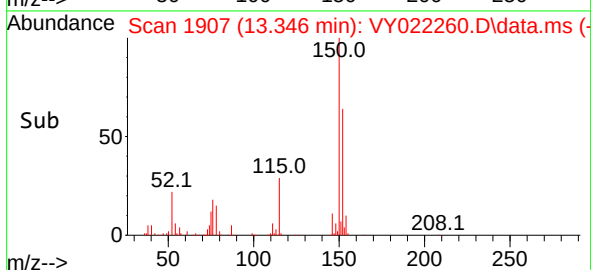
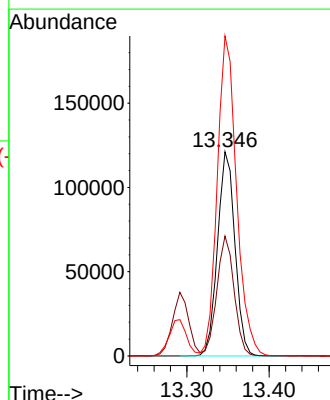
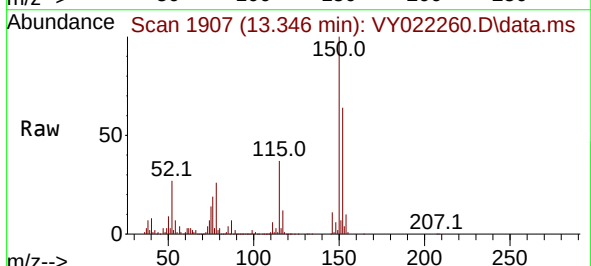
Tgt Ion:152 Resp: 178387

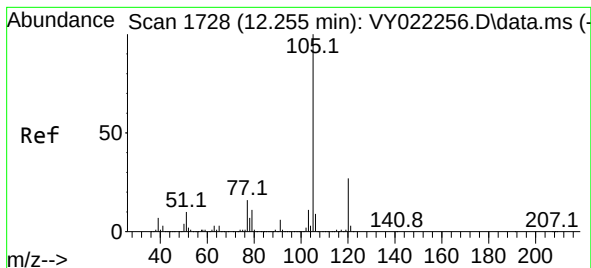
Ion Ratio Lower Upper

152 100

115 58.1 29.4 88.2

150 173.8 0.0 353.8





#73

Isopropylbenzene

Concen: 49.964 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

Tgt Ion:105 Resp: 738398

Ion Ratio Lower Upper

105 100

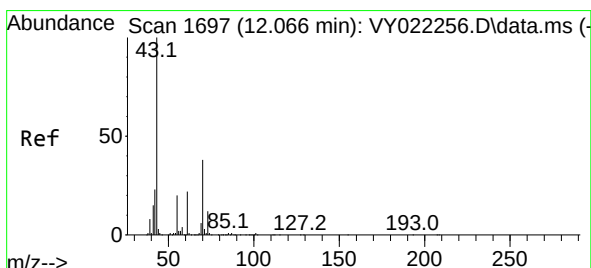
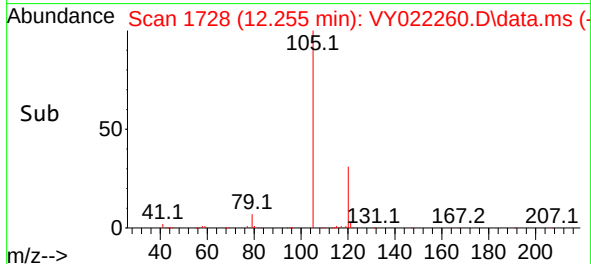
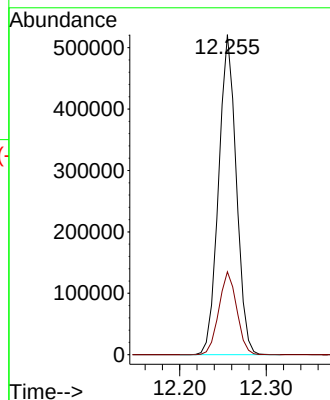
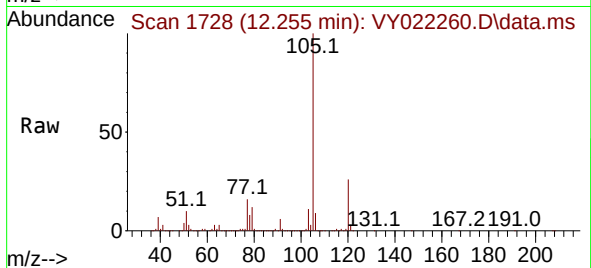
120 26.2 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025

Supervised By :Semsettin Yesilyurt 05/16/2025



#74

N-ethyl acetate

Concen: 49.805 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Tgt Ion: 43 Resp: 210510

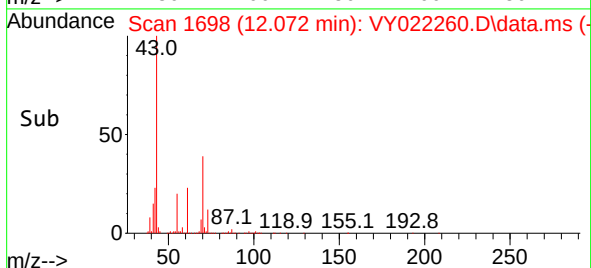
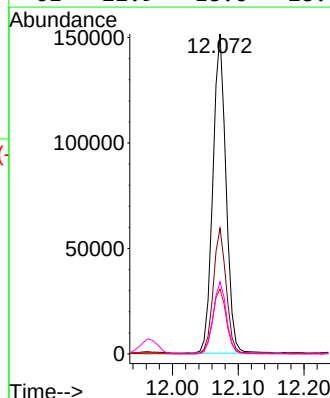
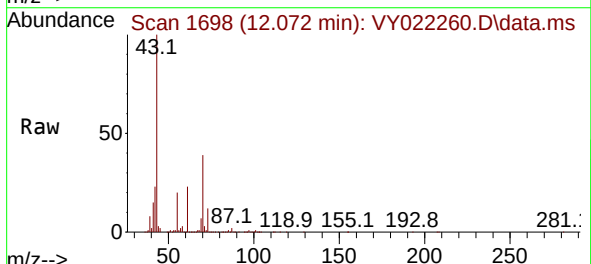
Ion Ratio Lower Upper

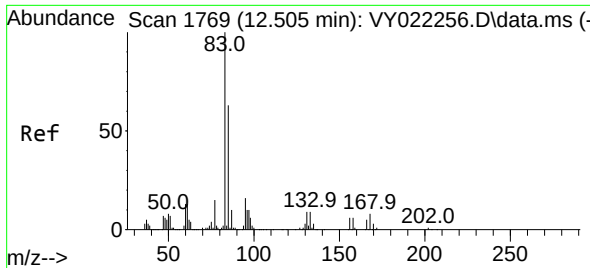
43 100

70 39.0 31.4 47.0

55 20.7 17.0 25.6

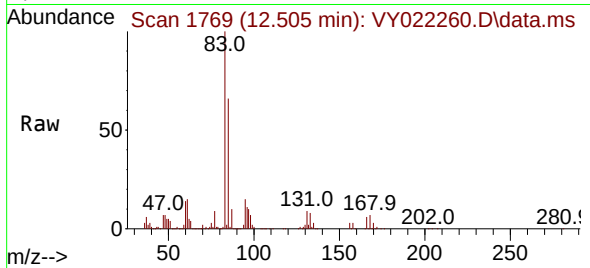
61 22.9 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 53.062 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

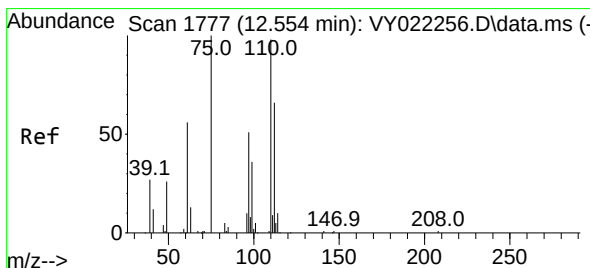
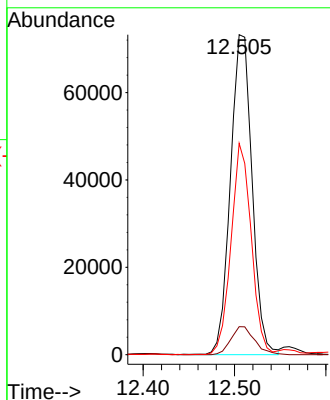
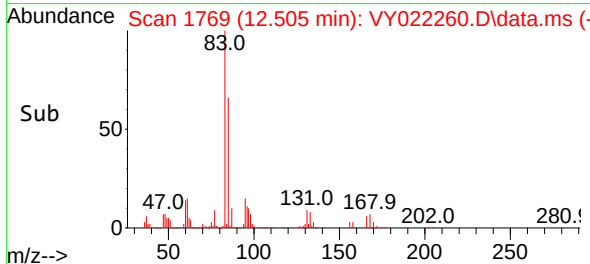
Instrument : MSVOA_Y
ClientSampleId : ICVVY051525



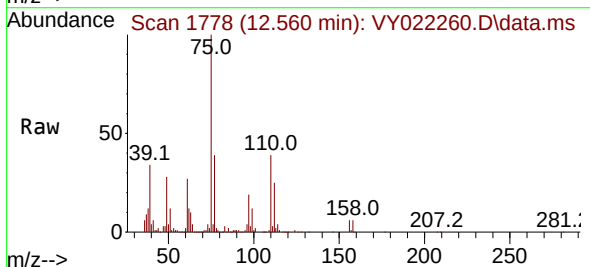
Tgt Ion: 83 Resp: 120599
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 61.7 32.0 96.0

Manual Integrations
APPROVED

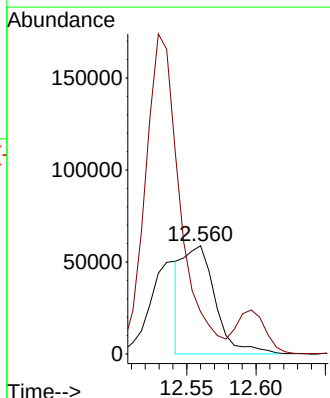
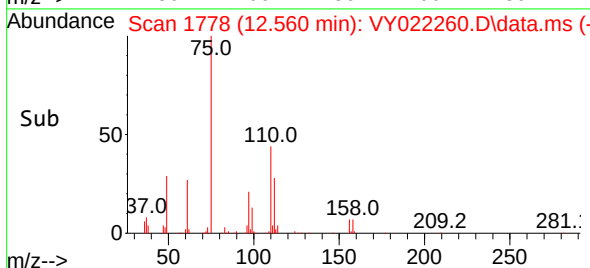
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

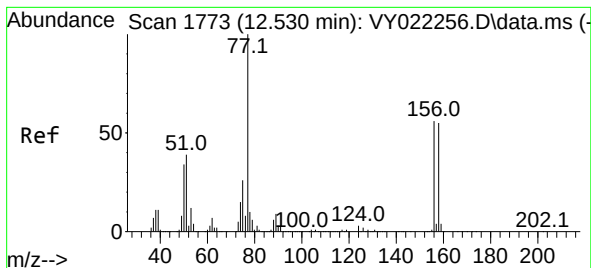


#76
1,2,3-Trichloropropane
Concen: 53.564 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



Tgt Ion: 75 Resp: 96804
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.374 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

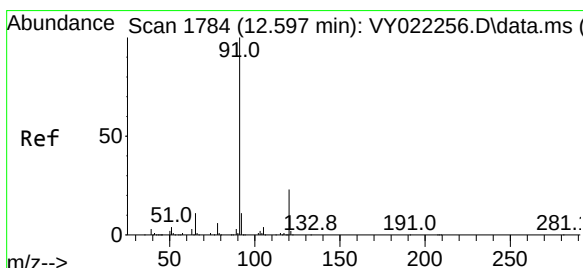
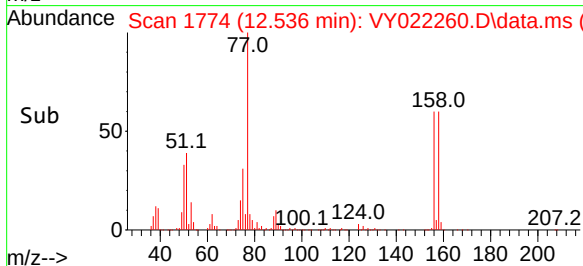
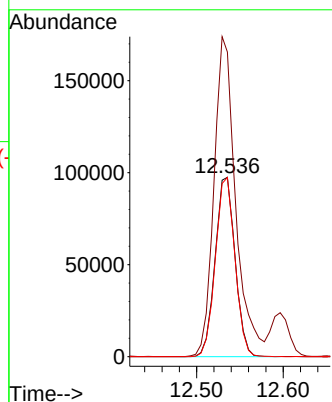
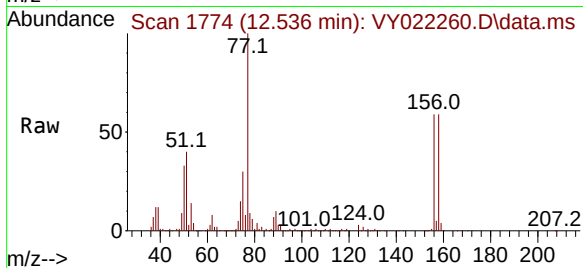
ICVVY051525

Tgt Ion:	156	Resp:	15584
Ion Ratio	Lower	Upper	
156	100		
77	194.2	94.5	283.6
158	98.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#78

n-propylbenzene

Concen: 50.296 ug/l

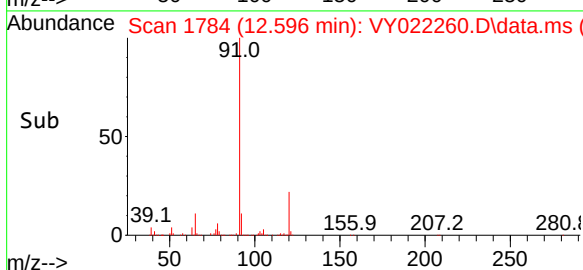
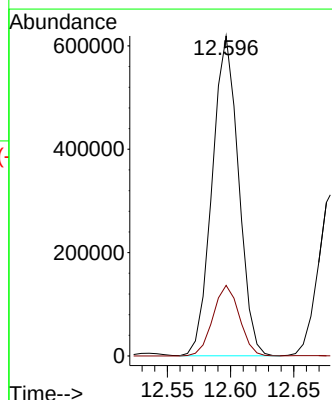
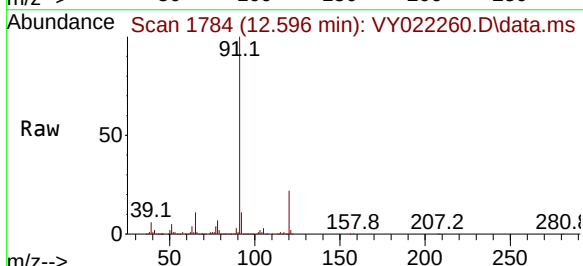
RT: 12.596 min Scan# 1784

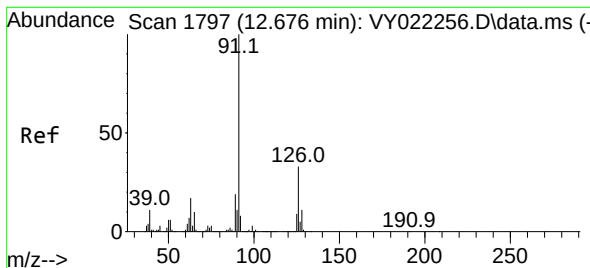
Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Tgt Ion:	91	Resp:	896555
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.1	33.3





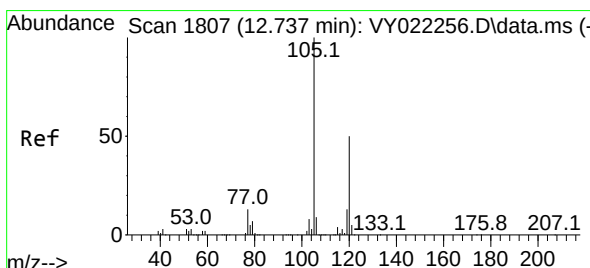
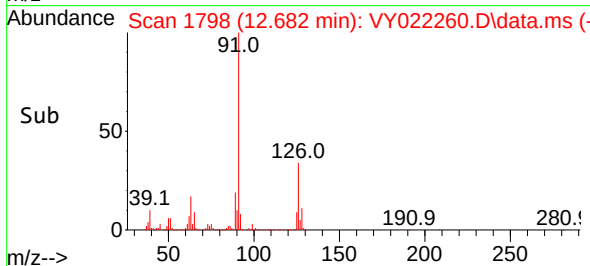
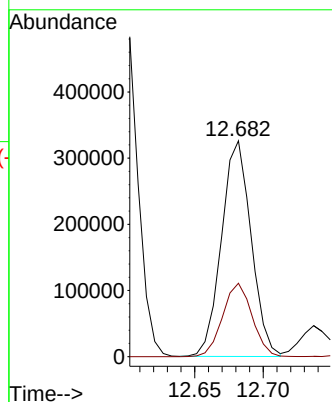
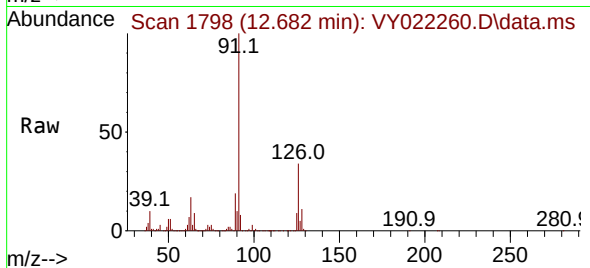
#79
2-Chlorotoluene
Concen: 50.130 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Tgt Ion: 91 Resp: 491073
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.4

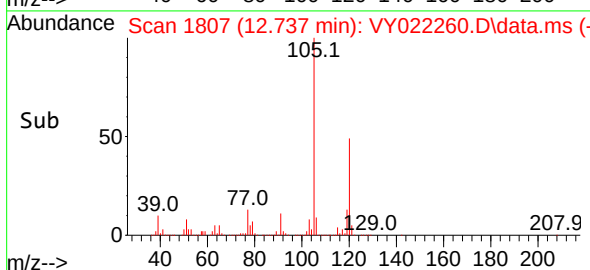
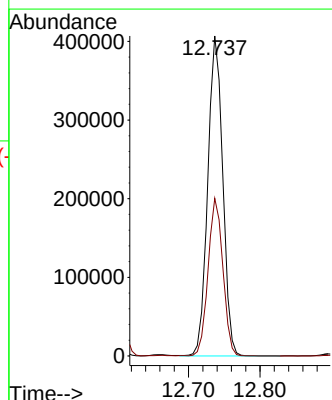
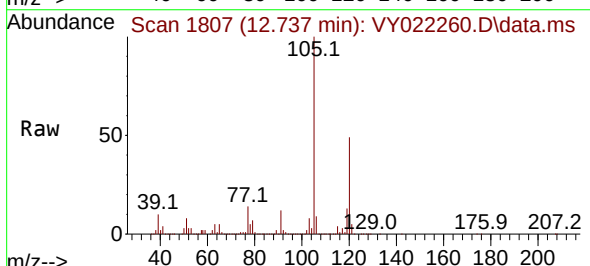
Manual Integrations
APPROVED

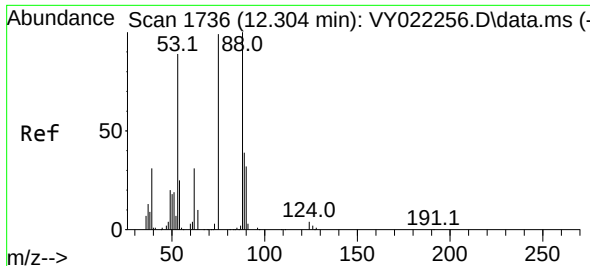
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.632 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

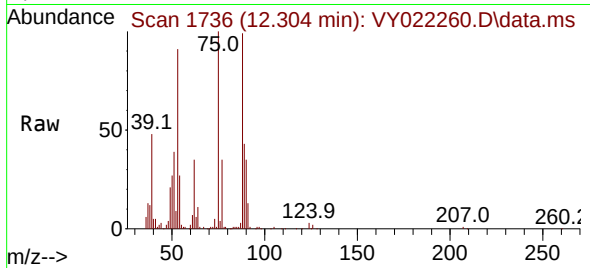
Tgt Ion:105 Resp: 592100
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 49.231 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

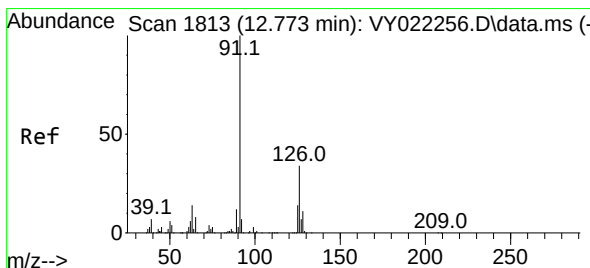
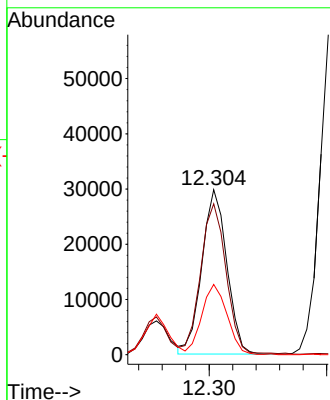
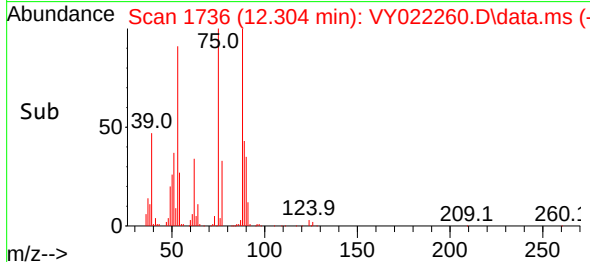
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



Tgt Ion: 75 Resp: 4392
Ion Ratio Lower Upper
75 100
53 94.1 75.8 113.8
89 43.4 36.2 54.2

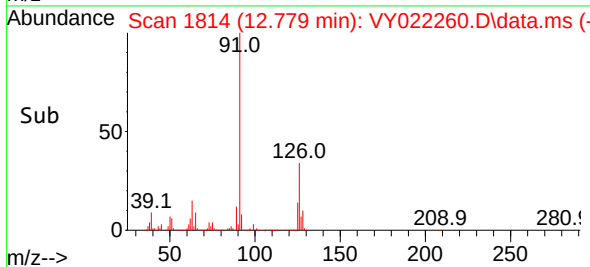
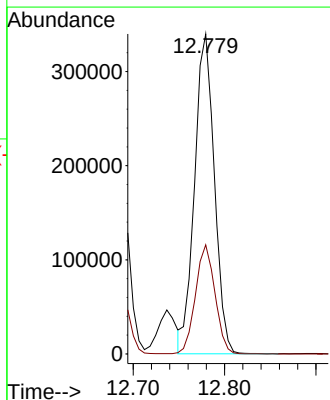
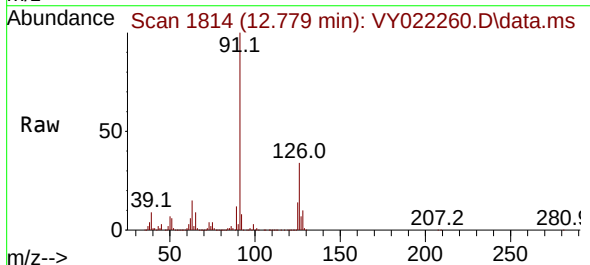
Manual Integrations
APPROVED

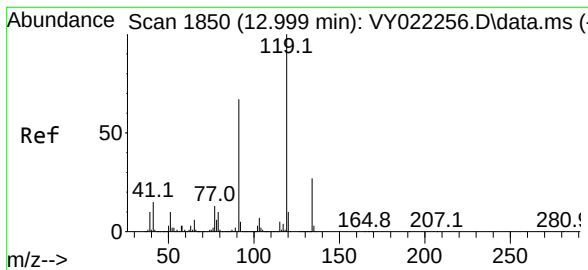
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#82
4-Chlorotoluene
Concen: 50.661 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

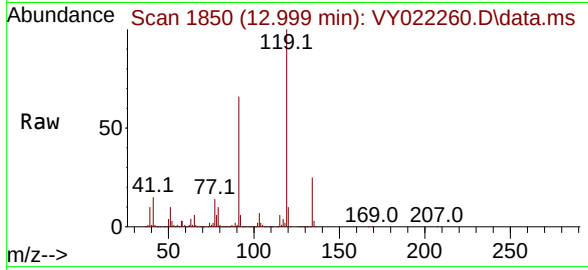
Tgt Ion: 91 Resp: 510451
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4





#83
tert-Butylbenzene
Concen: 49.715 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

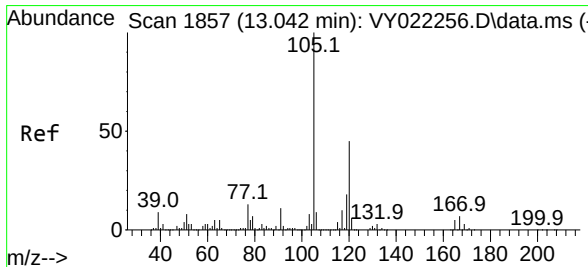
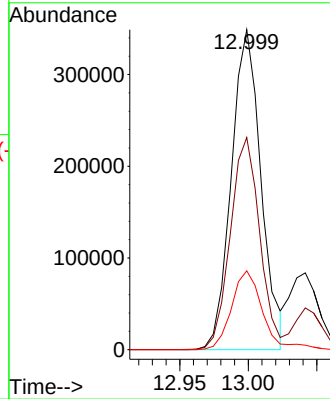
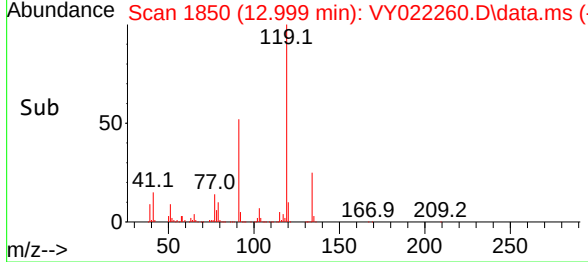
Instrument : MSVOA_Y
ClientSampleId : ICVVY051525



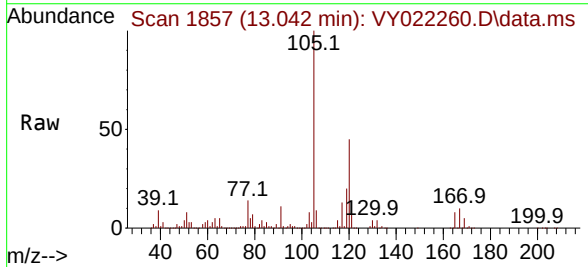
Tgt Ion:119 Resp: 527140
Ion Ratio Lower Upper
119 100
91 65.4 32.8 98.3
134 25.8 12.9 38.6

Manual Integrations
APPROVED

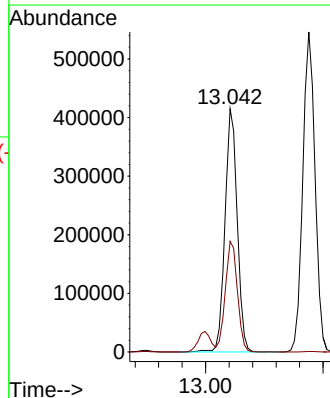
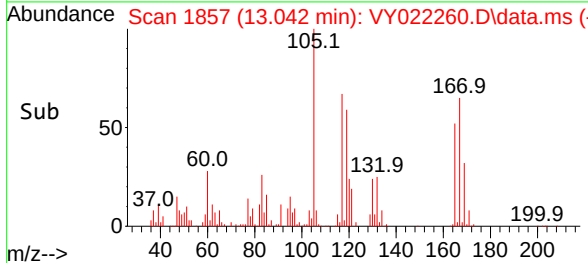
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025

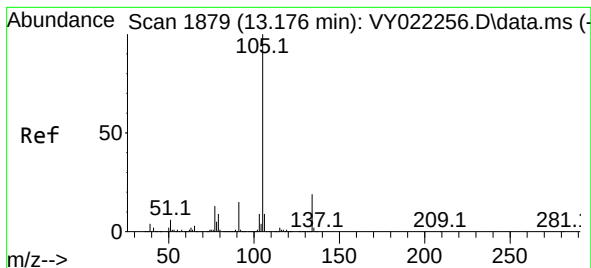


#84
1,2,4-Trimethylbenzene
Concen: 50.535 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



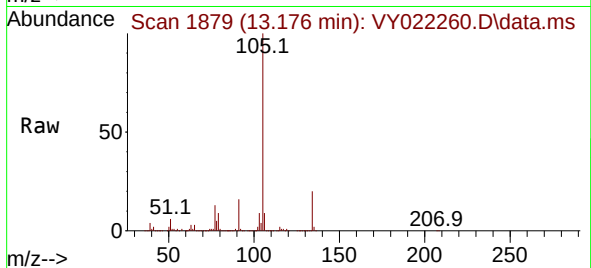
Tgt Ion:105 Resp: 598450
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 50.000 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022260.D
 Acq: 15 May 2025 13:20

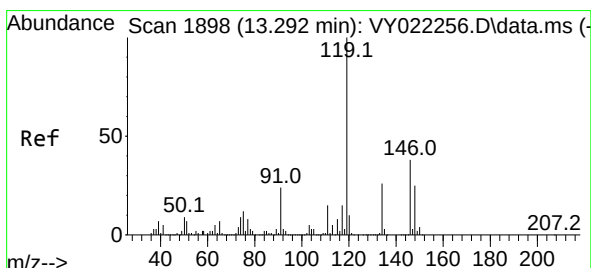
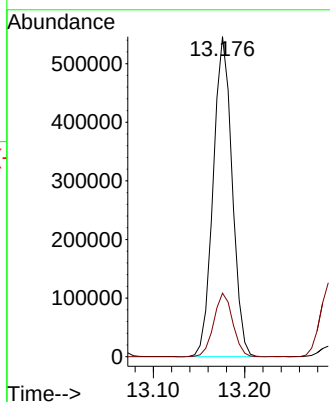
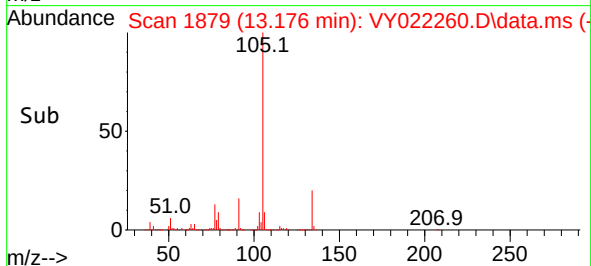
Instrument : MSVOA_Y
 ClientSampleId : ICVVY051525



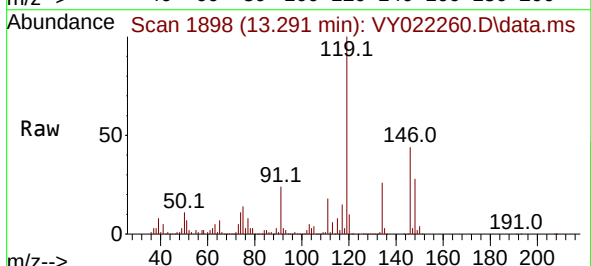
Tgt Ion:105 Resp: 787000
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

Manual Integrations
 APPROVED

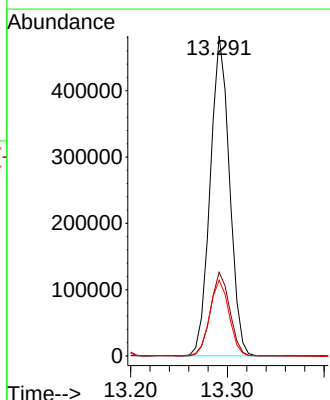
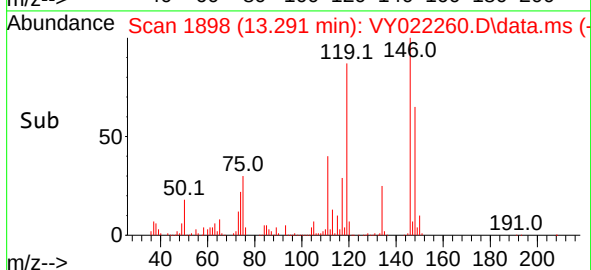
Reviewed By :Mahesh Dadoda 05/16/2025
 Supervised By :Semsettin Yesilyurt 05/16/2025

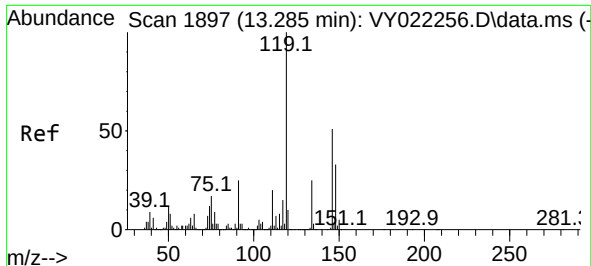


#86
 p-Isopropyltoluene
 Concen: 50.219 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022260.D
 Acq: 15 May 2025 13:20



Tgt Ion:119 Resp: 664795
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.718 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022260.D

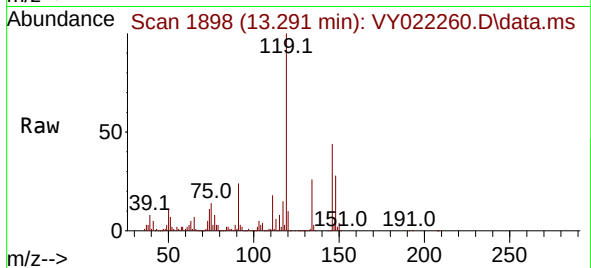
Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525

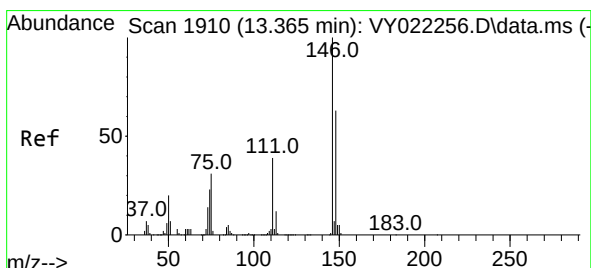
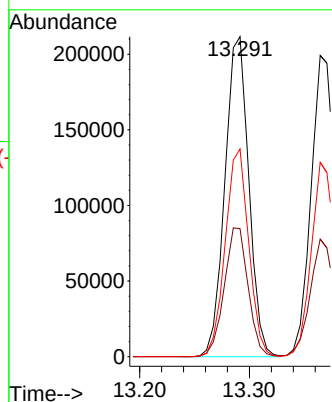


Tgt Ion:	146	Resp:	32035
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.9	59.7
148	63.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#88

1,4-Dichlorobenzene

Concen: 49.669 ug/l

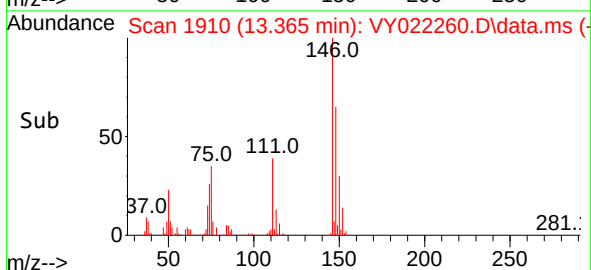
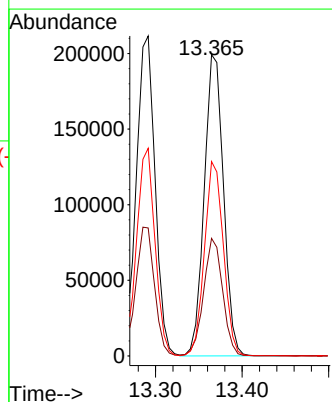
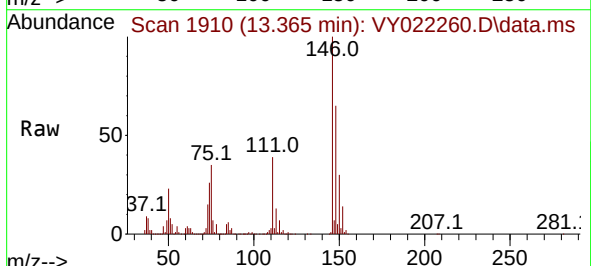
RT: 13.365 min Scan# 1910

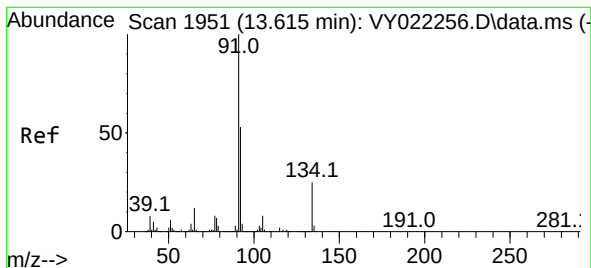
Delta R.T. -0.000 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Tgt Ion:	146	Resp:	307847
Ion Ratio	Lower	Upper	
146	100		
111	38.6	20.0	59.9
148	63.3	32.1	96.5





#89

n-Butylbenzene

Concen: 50.402 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

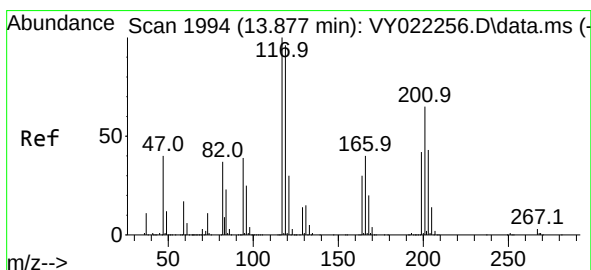
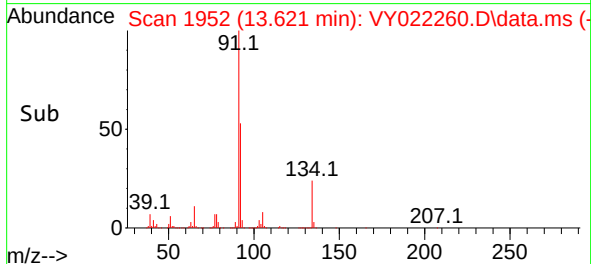
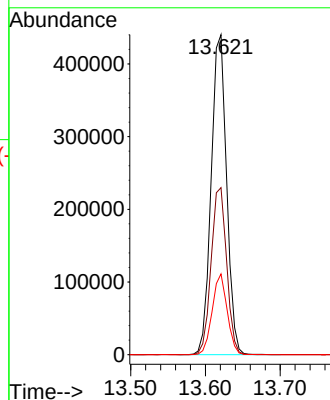
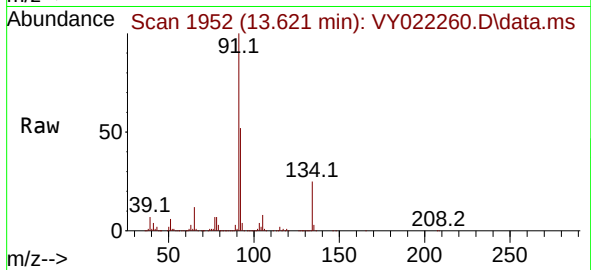
ICVVY051525

Tgt Ion: 91	Resp: 63122
Ion Ratio	Lower Upper
91 100	
92 52.7	26.3 78.9
134 24.6	12.4 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#90

Hexachloroethane

Concen: 49.502 ug/l

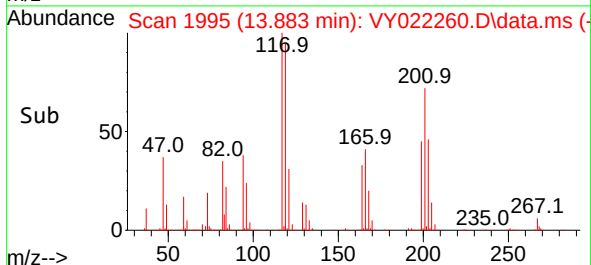
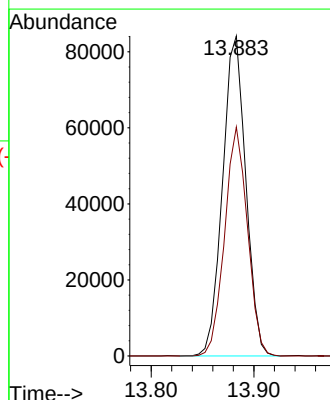
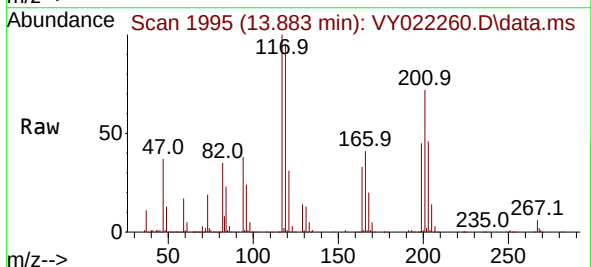
RT: 13.883 min Scan# 1995

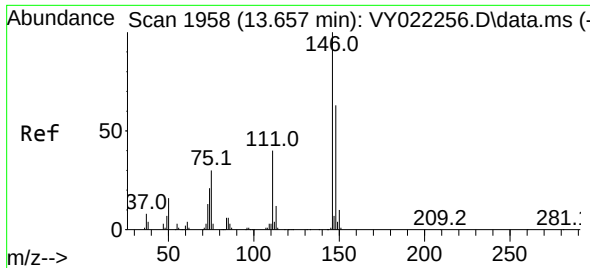
Delta R.T. 0.006 min

Lab File: VY022260.D

Acq: 15 May 2025 13:20

Tgt Ion:117	Resp: 132281
Ion Ratio	Lower Upper
117 100	
201 70.2	35.2 105.6





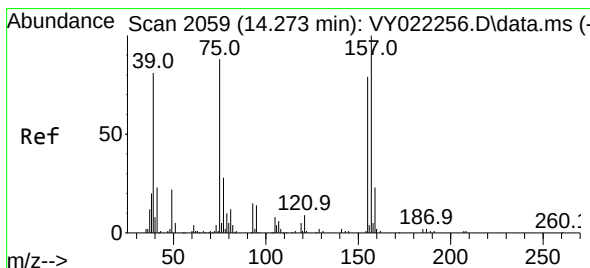
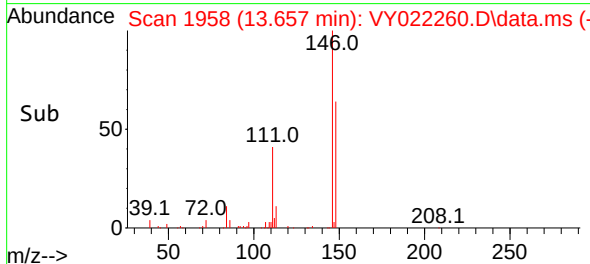
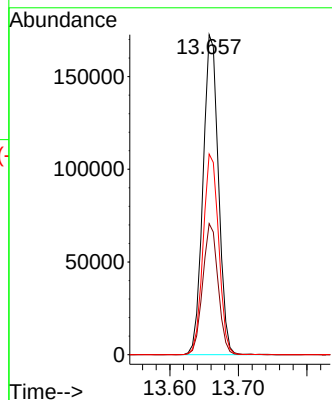
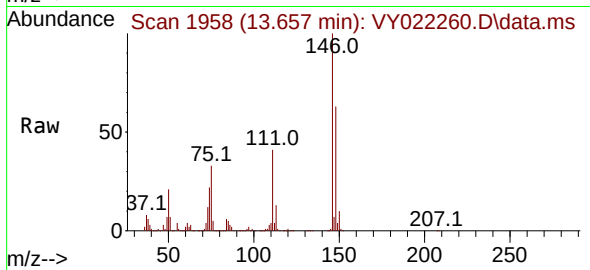
#91
1,2-Dichlorobenzene
Concen: 49.954 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Instrument : MSVOA_Y
ClientSampleId : ICVVY051525

Tgt Ion:146 Resp: 27037
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.5
148 63.3 32.0 96.0

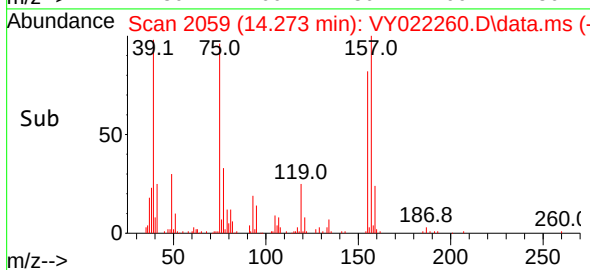
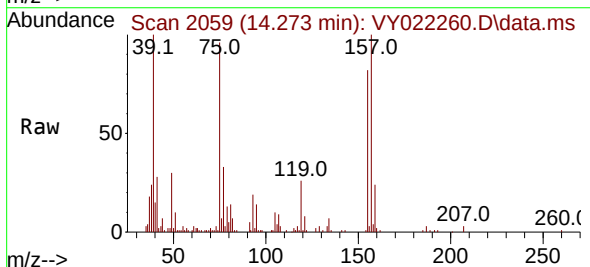
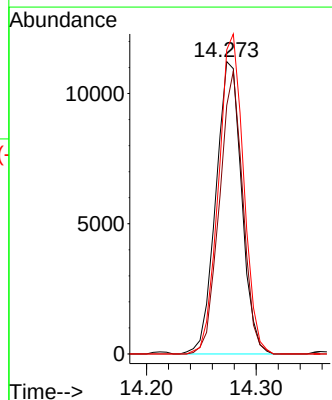
Manual Integrations
APPROVED

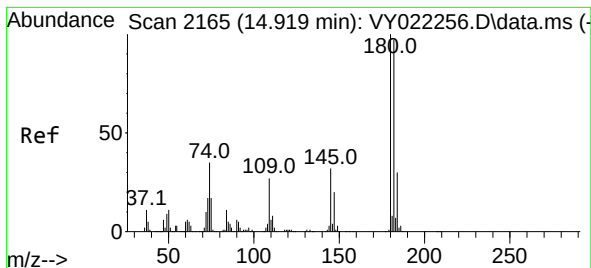
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.028 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

Tgt Ion: 75 Resp: 18335
Ion Ratio Lower Upper
75 100
155 87.6 43.4 130.1
157 105.9 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 48.794 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022260.D

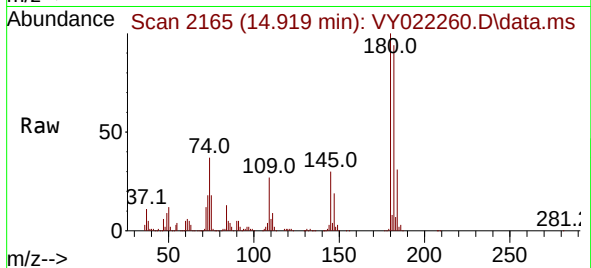
Acq: 15 May 2025 13:20

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY051525



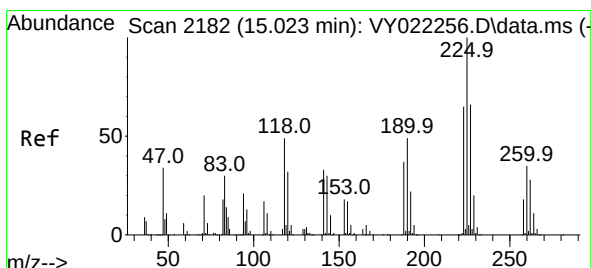
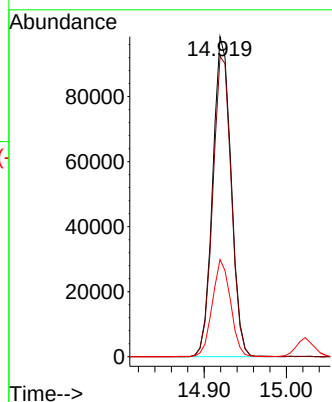
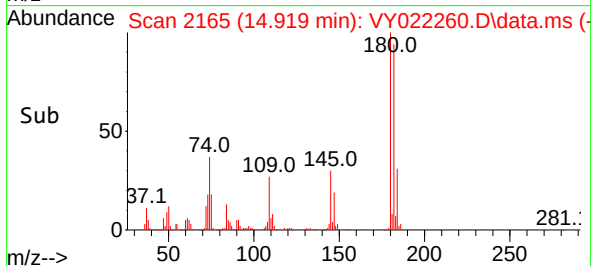
Tgt Ion:180 Resp: 152548

Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.0
145	30.1	15.0	45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#94

Hexachlorobutadiene

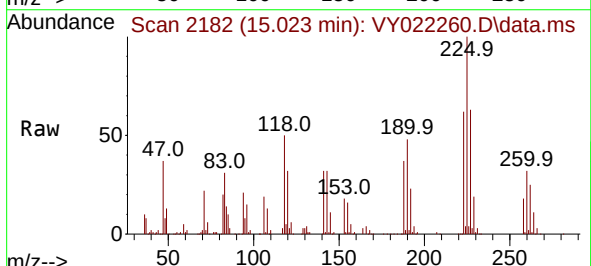
Concen: 47.770 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

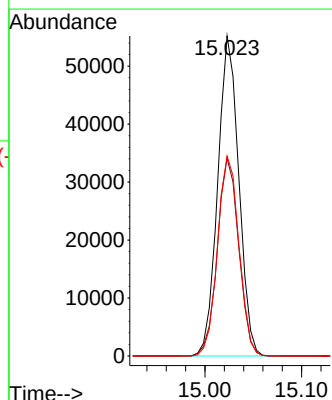
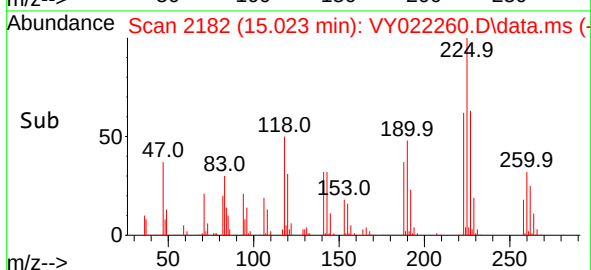
Lab File: VY022260.D

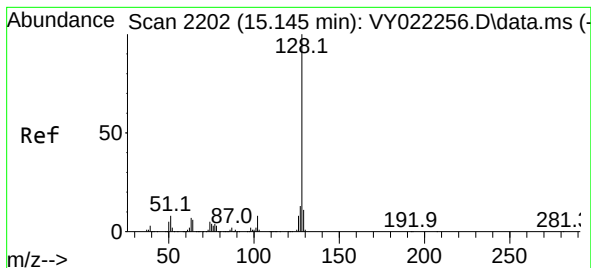
Acq: 15 May 2025 13:20



Tgt Ion:225 Resp: 83287

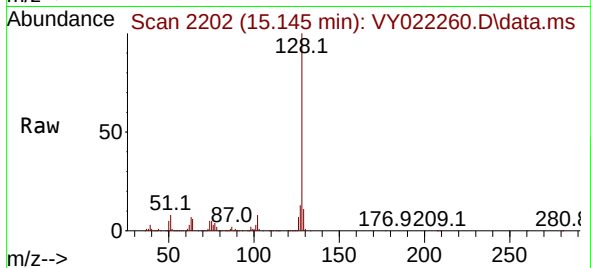
Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.5	94.5
227	63.6	32.1	96.3





#95
Naphthalene
Concen: 48.421 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20

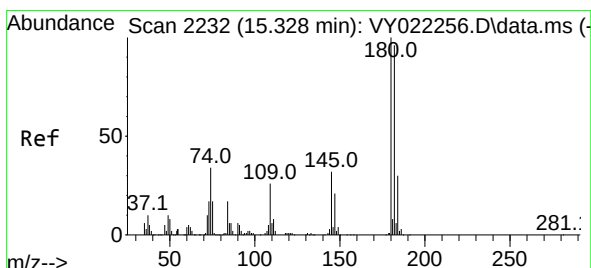
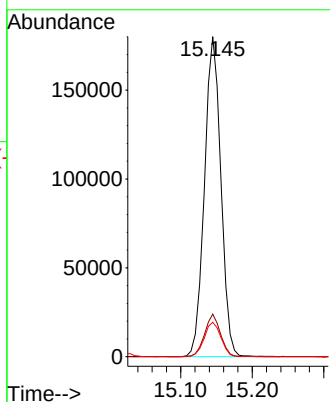
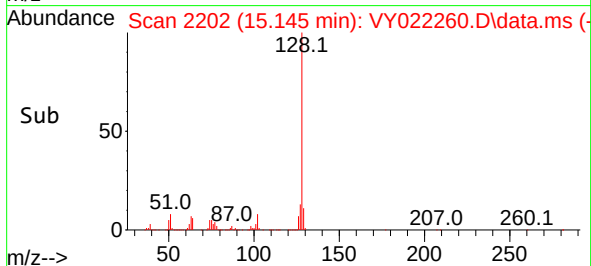
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525



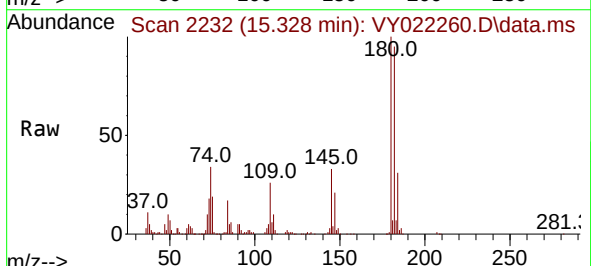
Tgt Ion:128 Resp: 287270
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
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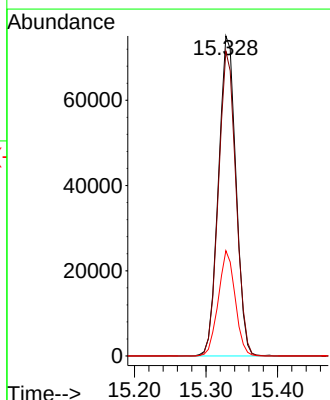
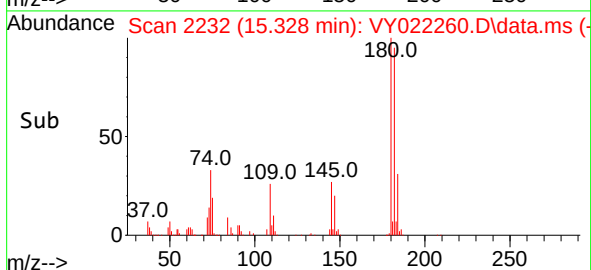
Reviewed By :Mahesh Dadoda 05/16/2025
Supervised By :Semsettin Yesilyurt 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.060 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022260.D
Acq: 15 May 2025 13:20



Tgt Ion:180 Resp: 127466
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.3
145 31.6 15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY051525

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	94	0.00
2 T	Dichlorodifluoromethane	0.522	0.516	1.1	96	0.00
3 P	Chloromethane	1.097	1.069	2.6	97	0.00
4 C	Vinyl Chloride	1.226	1.253	-2.2#	98	0.00
5 T	Bromomethane	0.998	0.968	3.0	104	0.00
6 T	Chloroethane	0.763	0.812	-6.4	101	0.00
7 T	Trichlorofluoromethane	1.241	1.271	-2.4	99	0.00
8 T	Diethyl Ether	0.298	0.310	-4.0	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.556	-3.2	98	0.00
10 T	Methyl Iodide	0.624	0.619	0.8	85	0.00
11 T	Tert butyl alcohol	0.042	0.044	-4.8	108	0.00
12 CM	1,1-Dichloroethene	0.535	0.551	-3.0#	97	0.00
13 T	Acrolein	0.061	0.058	4.9	97	0.00
14 T	Allyl chloride	0.938	0.991	-5.7	98	0.00
15 T	Acrylonitrile	0.123	0.130	-5.7	102	0.00
16 T	Acetone	0.102	0.104	-2.0	105	0.00
17 T	Carbon Disulfide	1.744	1.806	-3.6	97	0.00
18 T	Methyl Acetate	0.323	0.384	-18.9	120	0.00
19 T	Methyl tert-butyl Ether	1.475	1.566	-6.2	101	0.00
20 T	Methylene Chloride	0.662	0.626	5.4	99	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.609	-3.2	97	0.00
22 T	Diisopropyl ether	1.980	2.063	-4.2	98	0.00
23 T	Vinyl Acetate	1.196	1.211	-1.3	97	0.00
24 P	1,1-Dichloroethane	1.106	1.143	-3.3	97	0.00
25 T	2-Butanone	0.171	0.175	-2.3	103	0.00
26 T	2,2-Dichloropropane	0.984	1.027	-4.4	98	0.00
27 T	cis-1,2-Dichloroethene	0.681	0.715	-5.0	98	0.00
28 T	Bromochloromethane	0.472	0.494	-4.7	99	0.00
29 T	Tetrahydrofuran	0.110	0.117	-6.4	103	0.00
30 C	Chloroform	1.061	1.121	-5.7#	98	0.00
31 T	Cyclohexane	1.105	1.076	2.6	96	0.00
32 T	1,1,1-Trichloroethane	0.974	1.003	-3.0	98	0.00
33 S	1,2-Dichloroethane-d4	0.546	0.569	-4.2	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.298	0.308	-3.4	100	0.00
36 T	1,1-Dichloropropene	0.492	0.496	-0.8	96	0.00
37 T	Ethyl Acetate	0.237	0.240	-1.3	100	0.00
38 T	Carbon Tetrachloride	0.509	0.514	-1.0	97	0.00
39 T	Methylcyclohexane	0.660	0.661	-0.2	96	0.00
40 TM	Benzene	1.457	1.507	-3.4	98	0.00
41 T	Methacrylonitrile	0.157	0.168	-7.0	104	0.02
42 TM	1,2-Dichloroethane	0.394	0.409	-3.8	99	0.00
43 T	Isopropyl Acetate	0.516	0.530	-2.7	101	0.00
44 TM	Trichloroethene	0.362	0.365	-0.8	96	0.00
45 C	1,2-Dichloropropane	0.351	0.361	-2.8#	99	0.00
46 T	Dibromomethane	0.189	0.195	-3.2	101	0.00
47 T	Bromodichloromethane	0.492	0.516	-4.9	100	0.00
48 T	Methyl methacrylate	0.241	0.248	-2.9	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY051525

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	103	0.00
50 S	Toluene-d8	1.222	1.252	-2.5	99	0.00
51 T	4-Methyl-2-Pentanone	0.253	0.265	-4.7	102	0.00
52 CM	Toluene	0.923	0.947	-2.6#	98	0.00
53 T	t-1,3-Dichloropropene	0.480	0.494	-2.9	99	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.571	-3.8	99	0.00
55 T	1,1,2-Trichloroethane	0.243	0.248	-2.1	100	0.00
56 T	Ethyl methacrylate	0.378	0.383	-1.3	98	0.00
57 T	1,3-Dichloropropane	0.431	0.447	-3.7	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.170	0.184	-8.2	98	0.00
59 T	2-Hexanone	0.170	0.175	-2.9	103	0.00
60 T	Dibromochloromethane	0.315	0.330	-4.8	100	0.00
61 T	1,2-Dibromoethane	0.226	0.233	-3.1	100	0.00
62 S	4-Bromofluorobenzene	0.387	0.395	-2.1	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.462	0.434	6.1	91	0.00
65 PM	Chlorobenzene	1.128	1.124	0.4	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.385	0.8	97	0.00
67 C	Ethyl Benzene	2.113	2.117	-0.2#	97	0.00
68 T	m/p-Xylenes	0.796	0.805	-1.1	98	0.00
69 T	o-Xylene	0.753	0.763	-1.3	99	0.00
70 T	Styrene	1.270	1.282	-0.9	98	0.00
71 P	Bromoform	0.209	0.214	-2.4	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	4.142	4.139	0.1	98	0.00
74 T	N-amyl acetate	1.185	1.180	0.4	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.637	0.676	-6.1	107	0.00
76 T	1,2,3-Trichloropropane	0.507	0.543	-7.1	107	0.00
77 T	Bromobenzene	0.885	0.874	1.2	97	0.00
78 T	n-propylbenzene	4.996	5.026	-0.6	97	0.00
79 T	2-Chlorotoluene	2.746	2.753	-0.3	97	0.00
80 T	1,3,5-Trimethylbenzene	3.344	3.319	0.7	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.250	0.246	1.6	103	0.00
82 T	4-Chlorotoluene	2.824	2.861	-1.3	97	0.00
83 T	tert-Butylbenzene	2.972	2.955	0.6	97	0.00
84 T	1,2,4-Trimethylbenzene	3.319	3.355	-1.1	97	0.00
85 T	sec-Butylbenzene	4.412	4.412	0.0	95	0.00
86 T	p-Isopropyltoluene	3.710	3.727	-0.5	97	0.00
87 T	1,3-Dichlorobenzene	1.806	1.796	0.6	97	0.00
88 T	1,4-Dichlorobenzene	1.737	1.726	0.6	98	0.00
89 T	n-Butylbenzene	3.510	3.538	-0.8	95	0.00
90 T	Hexachloroethane	0.749	0.742	0.9	96	0.00
91 T	1,2-Dichlorobenzene	1.517	1.516	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.103	0.0	102	0.00
93 T	1,2,4-Trichlorobenzene	0.876	0.855	2.4	94	0.00
94 T	Hexachlorobutadiene	0.489	0.467	4.5	92	0.00
95 T	Naphthalene	1.663	1.610	3.2	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022260.D
Acq On : 15 May 2025 13:20
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Quant Time: May 16 01:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 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	0.743	0.715	3.8	94	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051525

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	49.432	1.1	96	0.00
3 P	Chloromethane	50.000	48.719	2.6	97	0.00
4 C	Vinyl Chloride	50.000	51.111	-2.2#	98	0.00
5 T	Bromomethane	50.000	48.486	3.0	104	0.00
6 T	Chloroethane	50.000	53.234	-6.5	101	0.00
7 T	Trichlorofluoromethane	50.000	51.174	-2.3	99	0.00
8 T	Diethyl Ether	50.000	52.055	-4.1	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.564	-3.1	98	0.00
10 T	Methyl Iodide	50.000	49.606	0.8	85	0.00
11 T	Tert butyl alcohol	250.000	265.144	-6.1	108	0.00
12 CM	1,1-Dichloroethene	50.000	51.487	-3.0#	97	0.00
13 T	Acrolein	250.000	238.362	4.7	97	0.00
14 T	Allyl chloride	50.000	52.817	-5.6	98	0.00
15 T	Acrylonitrile	250.000	265.134	-6.1	102	0.00
16 T	Acetone	250.000	252.660	-1.1	105	0.00
17 T	Carbon Disulfide	50.000	51.765	-3.5	97	0.00
18 T	Methyl Acetate	50.000	59.461	-18.9	120	0.00
19 T	Methyl tert-butyl Ether	50.000	53.096	-6.2	101	0.00
20 T	Methylene Chloride	50.000	47.298	5.4	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.552	-3.1	97	0.00
22 T	Diisopropyl ether	50.000	52.085	-4.2	98	0.00
23 T	Vinyl Acetate	250.000	253.098	-1.2	97	0.00
24 P	1,1-Dichloroethane	50.000	51.668	-3.3	97	0.00
25 T	2-Butanone	250.000	255.929	-2.4	103	0.00
26 T	2,2-Dichloropropane	50.000	52.191	-4.4	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.479	-5.0	98	0.00
28 T	Bromochloromethane	50.000	52.305	-4.6	99	0.00
29 T	Tetrahydrofuran	250.000	264.847	-5.9	103	0.00
30 C	Chloroform	50.000	52.810	-5.6#	98	0.00
31 T	Cyclohexane	50.000	48.673	2.7	96	0.00
32 T	1,1,1-Trichloroethane	50.000	51.523	-3.0	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.104	-4.2	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	51.658	-3.3	100	0.00
36 T	1,1-Dichloropropene	50.000	50.457	-0.9	96	0.00
37 T	Ethyl Acetate	50.000	50.633	-1.3	100	0.00
38 T	Carbon Tetrachloride	50.000	50.543	-1.1	97	0.00
39 T	Methylcyclohexane	50.000	50.015	-0.0	96	0.00
40 TM	Benzene	50.000	51.696	-3.4	98	0.00
41 T	Methacrylonitrile	50.000	53.599	-7.2	104	0.02
42 TM	1,2-Dichloroethane	50.000	51.834	-3.7	99	0.00
43 T	Isopropyl Acetate	50.000	51.415	-2.8	101	0.00
44 TM	Trichloroethene	50.000	50.335	-0.7	96	0.00
45 C	1,2-Dichloropropane	50.000	51.417	-2.8#	99	0.00
46 T	Dibromomethane	50.000	51.423	-2.8	101	0.00
47 T	Bromodichloromethane	50.000	52.508	-5.0	100	0.00
48 T	Methyl methacrylate	50.000	51.357	-2.7	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY051525

Quant Time: May 16 01:47:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	1008.479	-0.8	103	0.00
50 S	Toluene-d8	50.000	51.229	-2.5	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.463	-4.6	102	0.00
52 CM	Toluene	50.000	51.337	-2.7#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	51.458	-2.9	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.916	-3.8	99	0.00
55 T	1,1,2-Trichloroethane	50.000	51.142	-2.3	100	0.00
56 T	Ethyl methacrylate	50.000	50.639	-1.3	98	0.00
57 T	1,3-Dichloropropane	50.000	51.880	-3.8	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.104	-8.4	98	0.00
59 T	2-Hexanone	250.000	257.738	-3.1	103	0.00
60 T	Dibromochloromethane	50.000	52.425	-4.8	100	0.00
61 T	1,2-Dibromoethane	50.000	51.428	-2.9	100	0.00
62 S	4-Bromofluorobenzene	50.000	51.020	-2.0	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	46.905	6.2	91	0.00
65 PM	Chlorobenzene	50.000	49.827	0.3	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.656	0.7	97	0.00
67 C	Ethyl Benzene	50.000	50.100	-0.2#	97	0.00
68 T	m/p-Xylenes	100.000	101.087	-1.1	98	0.00
69 T	o-Xylene	50.000	50.682	-1.4	99	0.00
70 T	Styrene	50.000	50.471	-0.9	98	0.00
71 P	Bromoform	50.000	51.022	-2.0	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	49.964	0.1	98	0.00
74 T	N-ethyl acetate	50.000	49.805	0.4	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.062	-6.1	107	0.00
76 T	1,2,3-Trichloropropane	50.000	53.564	-7.1	107	0.00
77 T	Bromobenzene	50.000	49.374	1.3	97	0.00
78 T	n-propylbenzene	50.000	50.296	-0.6	97	0.00
79 T	2-Chlorotoluene	50.000	50.130	-0.3	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.632	0.7	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.231	1.5	103	0.00
82 T	4-Chlorotoluene	50.000	50.661	-1.3	97	0.00
83 T	tert-Butylbenzene	50.000	49.715	0.6	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.535	-1.1	97	0.00
85 T	sec-Butylbenzene	50.000	50.000	0.0	95	0.00
86 T	p-Isopropyltoluene	50.000	50.219	-0.4	97	0.00
87 T	1,3-Dichlorobenzene	50.000	49.718	0.6	97	0.00
88 T	1,4-Dichlorobenzene	50.000	49.669	0.7	98	0.00
89 T	n-Butylbenzene	50.000	50.402	-0.8	95	0.00
90 T	Hexachloroethane	50.000	49.502	1.0	96	0.00
91 T	1,2-Dichlorobenzene	50.000	49.954	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.028	-0.1	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.794	2.4	94	0.00
94 T	Hexachlorobutadiene	50.000	47.770	4.5	92	0.00
95 T	Naphthalene	50.000	48.421	3.2	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022260.D
Acq On : 15 May 2025 13:20
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051525

Quant Time: May 16 01:47:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.060	3.9	94	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.: Q2075 SAS No.: Q2075 SDG No.: Q2075

Instrument ID: MSVOA_X Calibration Date/Time: 05/21/2025 09:55

Lab File ID: VX046284.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.417	1.412		-0.35	20
Toluene	0.869	0.857		-1.38	20
Ethyl Benzene	1.929	1.968		2.02	20
m/p-Xylenes	0.706	0.721		2.13	20
o-Xylene	0.688	0.712		3.49	20
Isopropylbenzene	3.893	4.007		2.93	20
n-propylbenzene	4.526	4.671		3.2	20
1,3,5-Trimethylbenzene	3.252	3.344		2.83	20
tert-Butylbenzene	3.276	3.302		0.79	20
1,2,4-Trimethylbenzene	3.293	3.417		3.77	20
sec-Butylbenzene	4.022	4.193		4.25	20
p-Isopropyltoluene	3.320	3.467		4.43	20
n-Butylbenzene	2.912	3.134		7.62	20
1,2-Dichloroethane-d4	0.932	0.913		-2.04	20
Dibromofluoromethane	0.360	0.371		3.06	20
Toluene-d8	1.246	1.223		-1.85	20
4-Bromofluorobenzene	0.478	0.481		0.63	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\VX052125\
 Data File : VX046284.D
 Acq On : 21 May 2025 09:55
 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 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:44:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	95080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	161730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	86766	48.949	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.900%		
35) Dibromofluoromethane	5.373	113	59999	51.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.040%		
50) Toluene-d8	8.641	98	197841	49.081	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.160%		
62) 4-Bromofluorobenzene	11.079	95	77871	50.363	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.720%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	73733	50.666	ug/l	98
3) Chloromethane	1.300	50	68253	48.364	ug/l	99
4) Vinyl Chloride	1.374	62	62535	47.612	ug/l	99
5) Bromomethane	1.593	94	28042	46.032	ug/l	97
6) Chloroethane	1.666	64	35734	50.964	ug/l	99
7) Trichlorofluoromethane	1.873	101	98615	50.803	ug/l	99
8) Diethyl Ether	2.129	74	32223	48.764	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	60440	50.314	ug/l	99
10) Methyl Iodide	2.440	142	66552	46.821	ug/l	99
11) Tert butyl alcohol	2.971	59	60414	242.803	ug/l	100
12) 1,1-Dichloroethene	2.306	96	53753	47.678	ug/l	95
13) Acrolein	2.233	56	90969	321.031	ug/l	99
14) Allyl chloride	2.654	41	111182	51.600	ug/l	98
15) Acrylonitrile	3.062	53	181499	255.100	ug/l	98
16) Acetone	2.379	43	182996	257.477	ug/l	100
17) Carbon Disulfide	2.501	76	120535	45.096	ug/l	100
18) Methyl Acetate	2.703	43	97480	59.105	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	203555	51.499	ug/l	100
20) Methylene Chloride	2.782	84	63593	46.691	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	54097	47.714	ug/l	95
22) Diisopropyl ether	3.757	45	215610	51.803	ug/l	94
23) Vinyl Acetate	3.715	43	930126	254.084	ug/l	99
24) 1,1-Dichloroethane	3.599	63	117763	50.800	ug/l	99
25) 2-Butanone	4.550	43	262160	254.074	ug/l	99
26) 2,2-Dichloropropane	4.458	77	95337	52.543	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	67216	49.246	ug/l	99
28) Bromochloromethane	4.885	49	52685	47.215	ug/l	97
29) Tetrahydrofuran	4.995	42	162193	250.853	ug/l	98
30) Chloroform	5.080	83	122654	50.762	ug/l	95
31) Cyclohexane	5.458	56	98339	46.552	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	106109	50.660	ug/l	99
36) 1,1-Dichloropropene	5.678	75	76348	48.791	ug/l	99
37) Ethyl Acetate	4.702	43	97045	50.197	ug/l	99
38) Carbon Tetrachloride	5.665	117	89504	50.907	ug/l	96
39) Methylcyclohexane	7.372	83	96076	47.691	ug/l	97
40) Benzene	6.025	78	228406	49.833	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046284.D
 Acq On : 21 May 2025 09:55
 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 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:44:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	56109	55.480	ug/l	99
42) 1,2-Dichloroethane	6.074	62	99497	50.298	ug/l	100
43) Isopropyl Acetate	6.330	43	156279	52.987	ug/l	99
44) Trichloroethene	7.116	130	55656	50.452	ug/l	97
45) 1,2-Dichloropropane	7.421	63	59253	51.990	ug/l	98
46) Dibromomethane	7.574	93	45422	50.531	ug/l	99
47) Bromodichloromethane	7.811	83	94679	53.478	ug/l	96
48) Methyl methacrylate	7.689	41	81658	54.212	ug/l	98
49) 1,4-Dioxane	7.653	88	27967	977.870	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	514742	262.926	ug/l	99
52) Toluene	8.714	92	138588	49.311	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	85646	54.425	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	94157	54.136	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	57326	51.730	ug/l	98
56) Ethyl methacrylate	9.110	69	94728	53.634	ug/l	99
57) 1,3-Dichloropropane	9.305	76	98942	49.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	246422	273.669	ug/l	100
59) 2-Hexanone	9.427	43	382250	263.910	ug/l	100
60) Dibromochloromethane	9.518	129	66902	54.971	ug/l	99
61) 1,2-Dibromoethane	9.604	107	58066	50.413	ug/l	95
64) Tetrachloroethene	9.268	164	52030	52.359	ug/l	98
65) Chlorobenzene	10.073	112	151979	49.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54978	52.376	ug/l	99
67) Ethyl Benzene	10.189	91	276408	51.011	ug/l	100
68) m/p-Xylenes	10.299	106	202607	102.233	ug/l	98
69) o-Xylene	10.640	106	99977	51.746	ug/l	99
70) Styrene	10.652	104	170672	53.925	ug/l	100
71) Bromoform	10.799	173	43139	54.740	ug/l #	97
73) Isopropylbenzene	10.957	105	271177	51.463	ug/l	100
74) N-amyl acetate	10.841	43	134729	51.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87943	47.625	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80571m	49.455	ug/l	
77) Bromobenzene	11.195	156	60921	49.799	ug/l	99
78) n-propylbenzene	11.299	91	316117	51.595	ug/l	100
79) 2-Chlorotoluene	11.360	91	193981	49.086	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	226364	51.421	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	26609	53.175	ug/l	98
82) 4-Chlorotoluene	11.451	91	225123	51.369	ug/l	99
83) tert-Butylbenzene	11.713	119	223522	50.408	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	231302	51.885	ug/l	99
85) sec-Butylbenzene	11.890	105	283817	52.129	ug/l	100
86) p-Isopropyltoluene	12.006	119	234688	52.222	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	112832	50.537	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	113352	49.713	ug/l	100
89) n-Butylbenzene	12.329	91	212152	53.818	ug/l	100
90) Hexachloroethane	12.536	117	41588	52.527	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	114456	51.087	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21272	52.001	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	66110	51.375	ug/l	99
94) Hexachlorobutadiene	13.725	225	28949	51.510	ug/l	98
95) Naphthalene	13.774	128	233630	49.502	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68077	51.272	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046284.D
Acq On : 21 May 2025 09:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

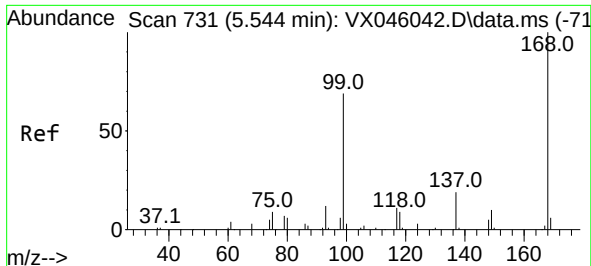
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:44:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

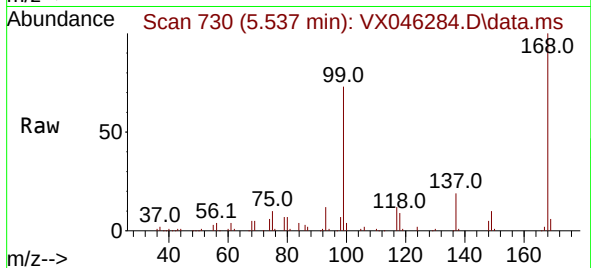
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

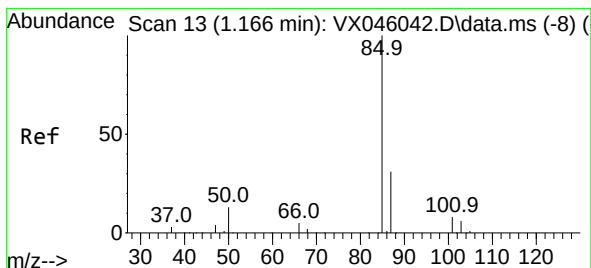
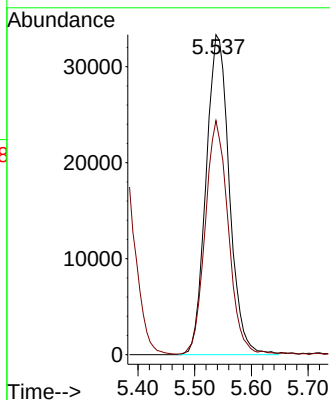
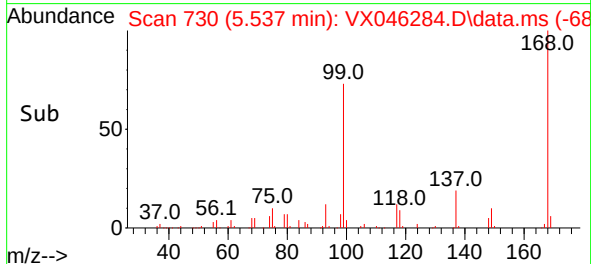
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 95080
Ion Ratio Lower Upper
168 100
99 72.9 54.9 82.3

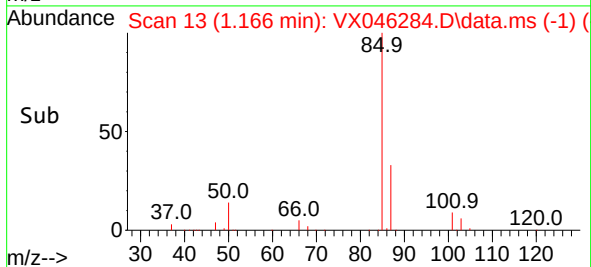
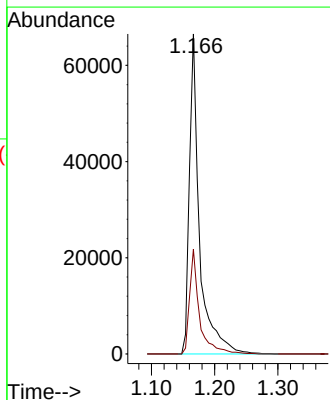
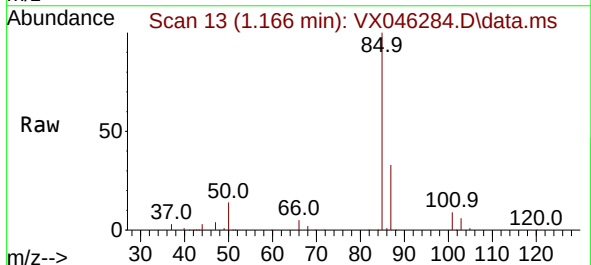
Manual Integrations
APPROVED

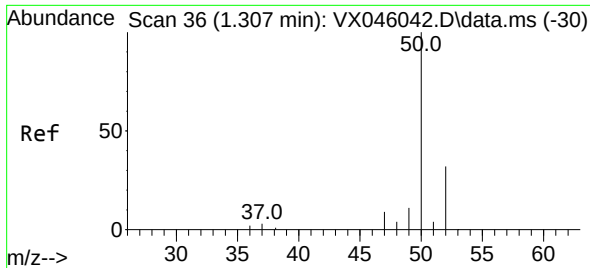
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#2
Dichlorodifluoromethane
Concen: 50.666 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 85 Resp: 73733
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1





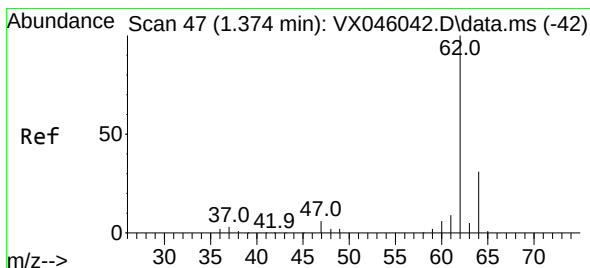
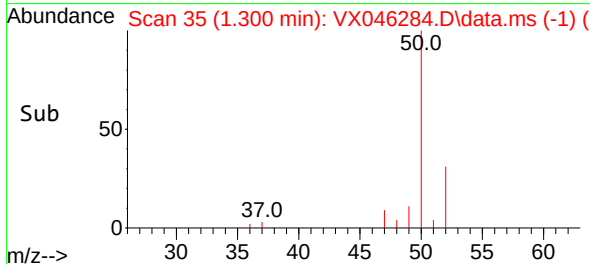
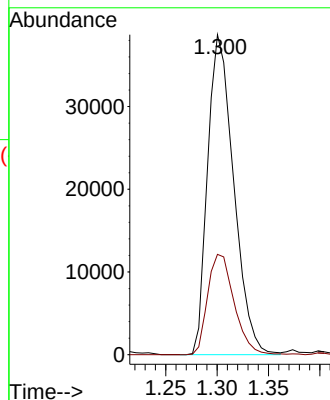
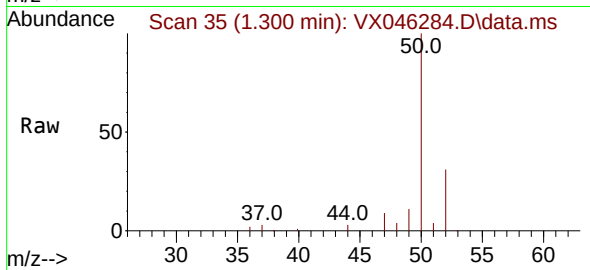
#3
Chloromethane
Concen: 48.364 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 6825
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2

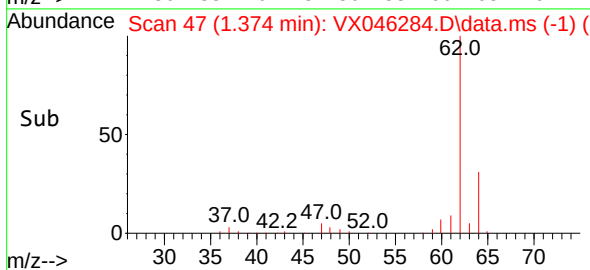
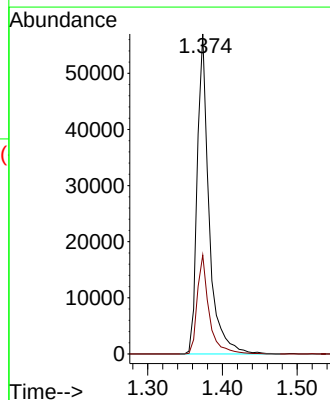
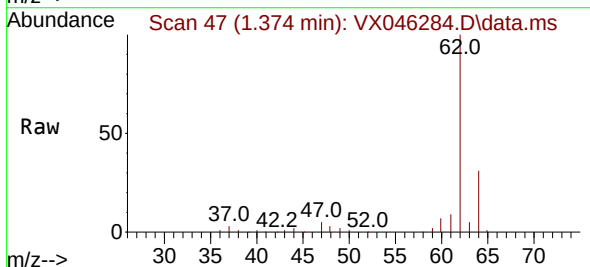
Manual Integrations
APPROVED

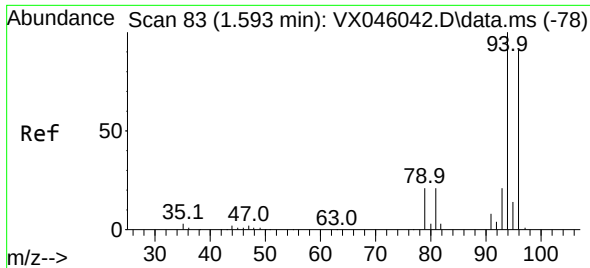
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#4
Vinyl Chloride
Concen: 47.612 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

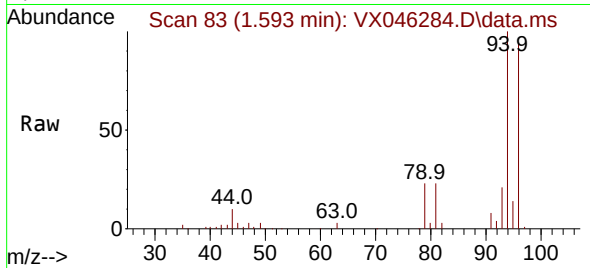
Tgt Ion: 62 Resp: 62535
Ion Ratio Lower Upper
62 100
64 30.9 25.2 37.8





#5
Bromomethane
Concen: 46.032 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

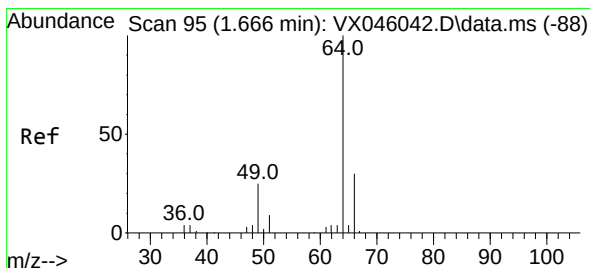
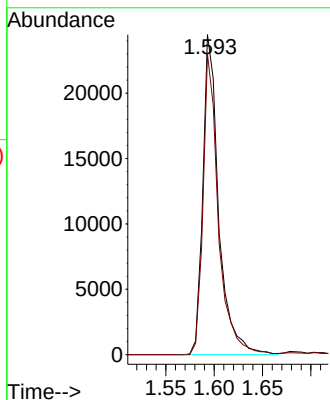
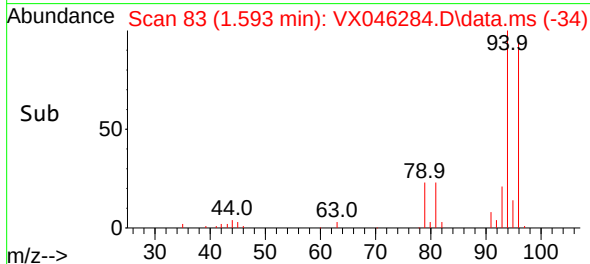
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 2804
Ion Ratio Lower Upper
94 100
96 93.9 72.8 109.2

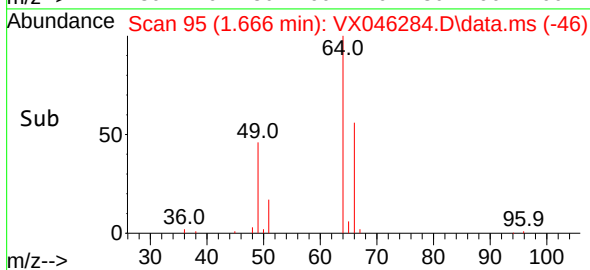
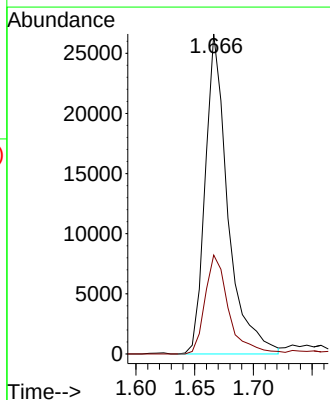
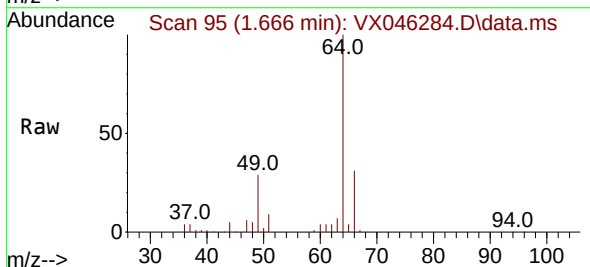
Manual Integrations
APPROVED

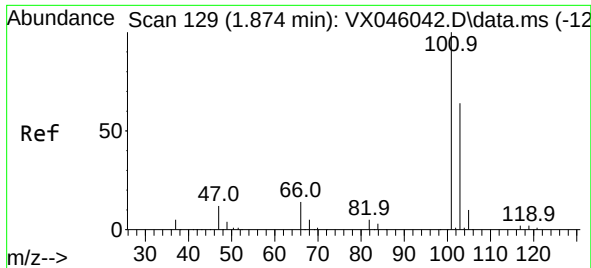
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#6
Chloroethane
Concen: 50.964 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

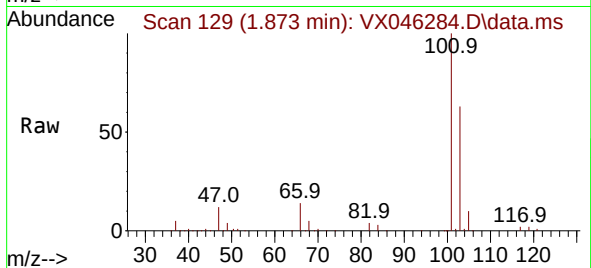
Tgt Ion: 64 Resp: 35734
Ion Ratio Lower Upper
64 100
66 30.9 24.3 36.5





#7
Trichlorofluoromethane
Concen: 50.803 ug/l
RT: 1.873 min Scan# 110
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

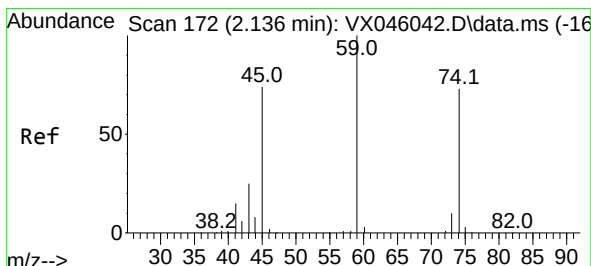
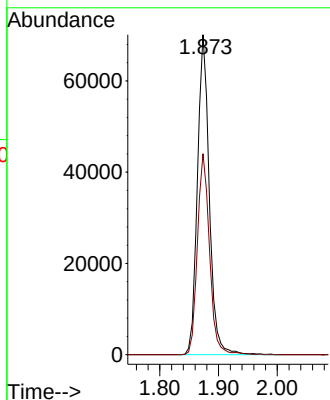
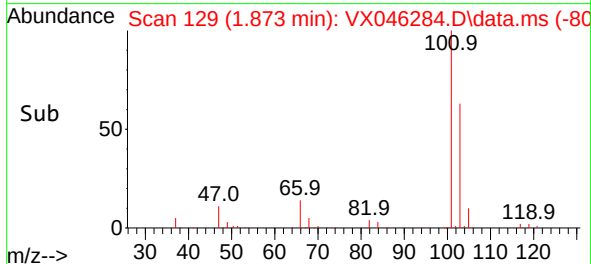
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



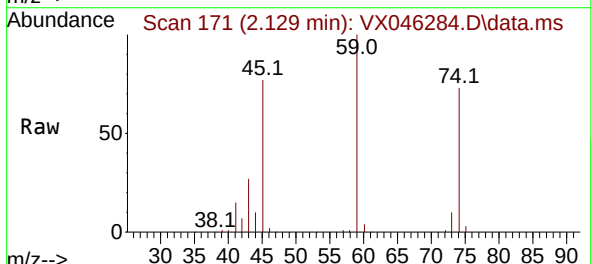
Tgt Ion:101 Resp: 9861
Ion Ratio Lower Upper
101 100
103 62.8 51.0 76.4

Manual Integrations
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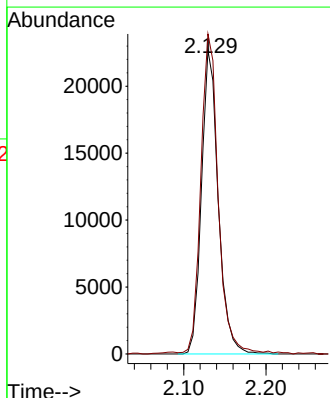
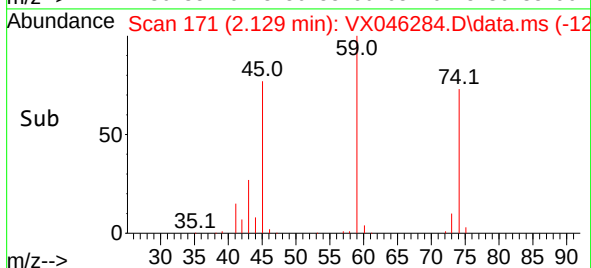
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

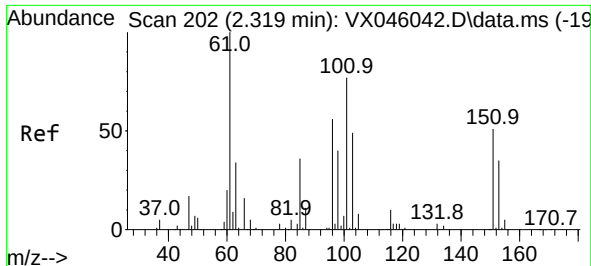


#8
Diethyl Ether
Concen: 48.764 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



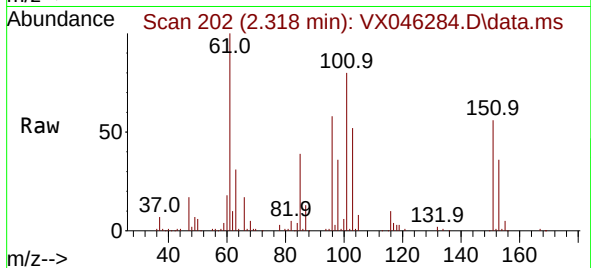
Tgt Ion: 74 Resp: 32223
Ion Ratio Lower Upper
74 100
45 110.4 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.314 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

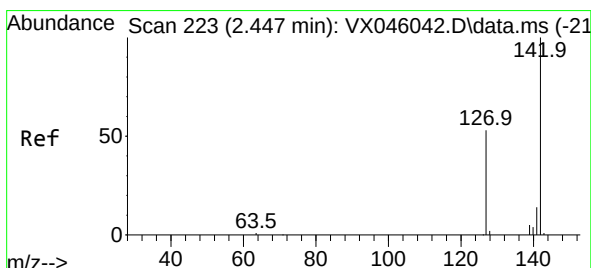
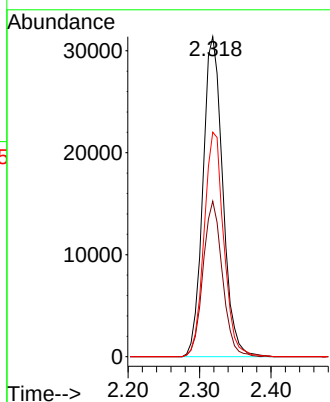
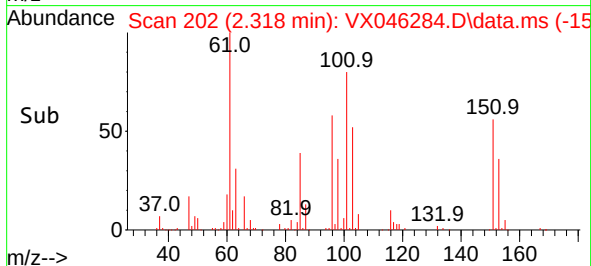
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



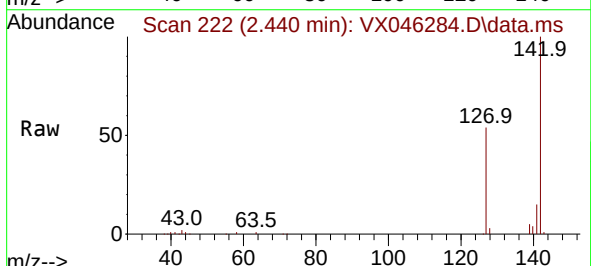
Tgt Ion:101 Resp: 60440
Ion Ratio Lower Upper
101 100
85 47.3 38.6 58.0
151 69.8 55.2 82.8

Manual Integrations
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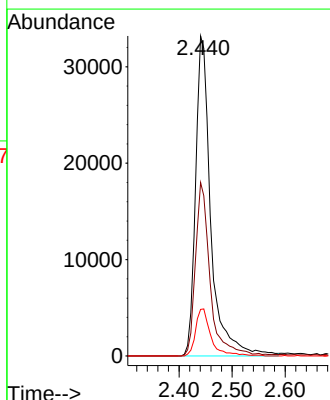
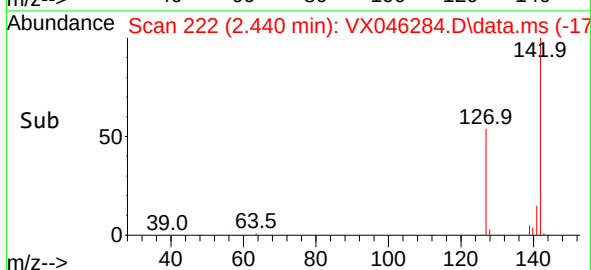
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

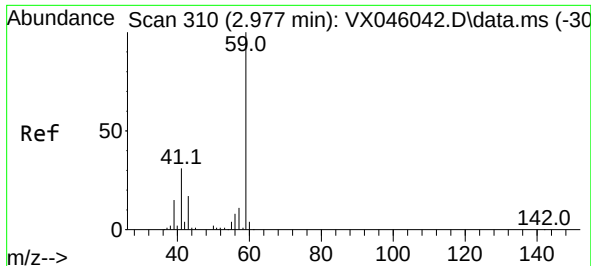


#10
Methyl Iodide
Concen: 46.821 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



Tgt Ion:142 Resp: 66552
Ion Ratio Lower Upper
142 100
127 52.8 41.7 62.5
141 14.7 11.5 17.3





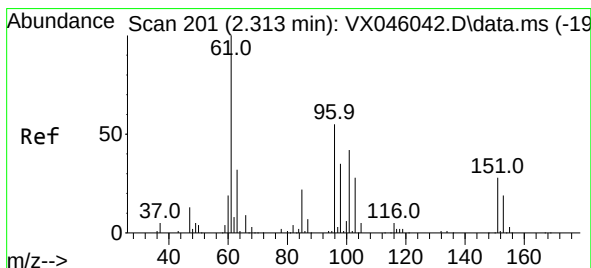
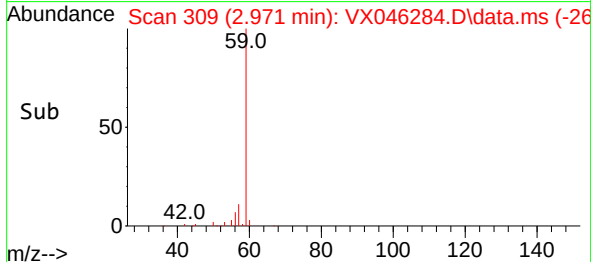
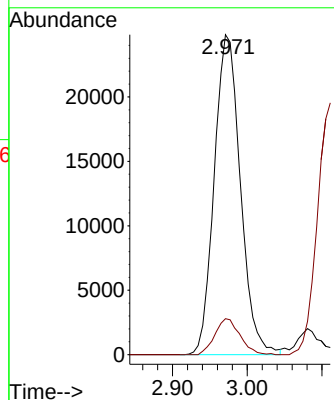
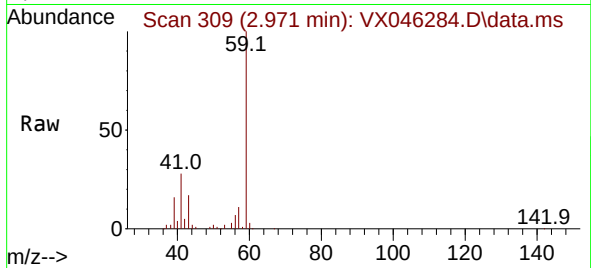
#11
Tert butyl alcohol
Concen: 242.803 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 60414
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

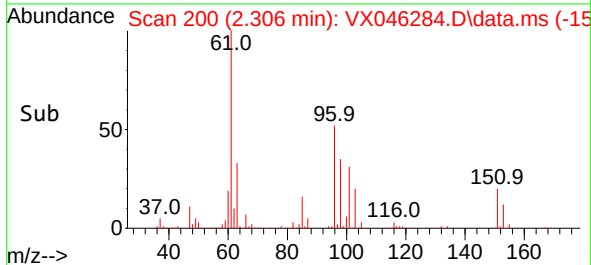
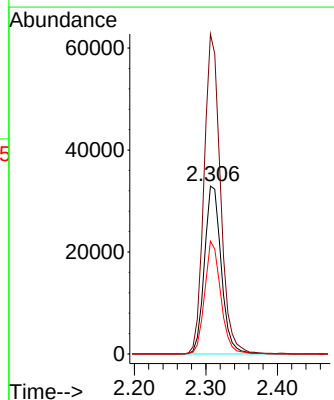
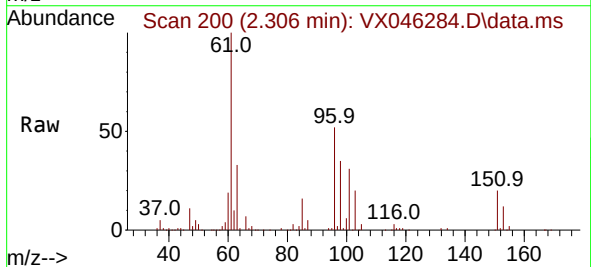
Manual Integrations
APPROVED

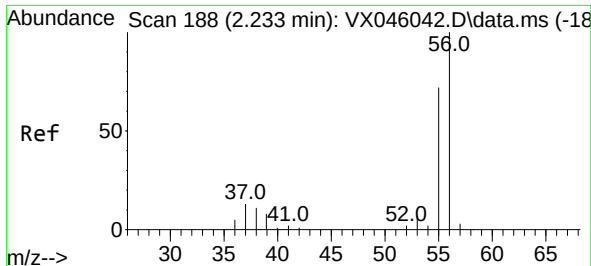
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#12
1,1-Dichloroethene
Concen: 47.678 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

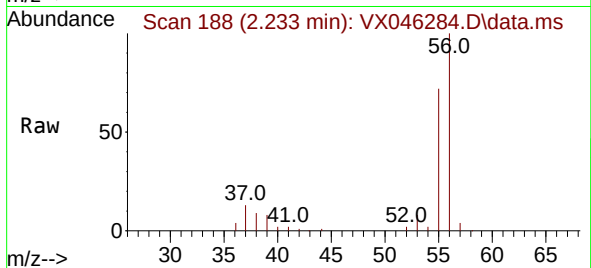
Tgt Ion: 96 Resp: 53753
Ion Ratio Lower Upper
96 100
61 190.6 146.2 219.2
98 67.2 51.0 76.6





#13
Acrolein
Concen: 321.031 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

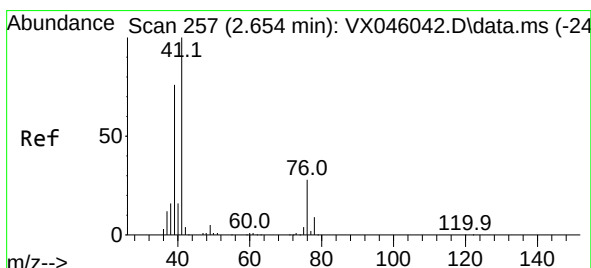
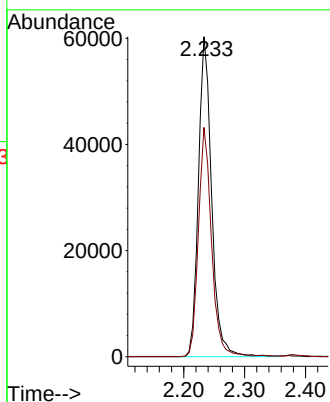
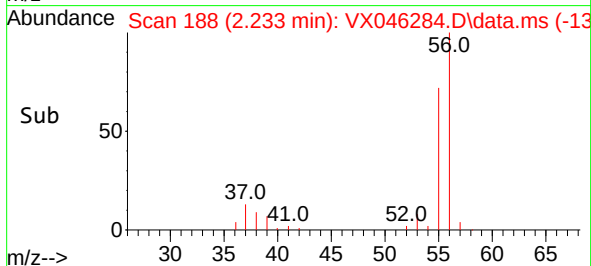
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 56 Resp: 90969
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.4

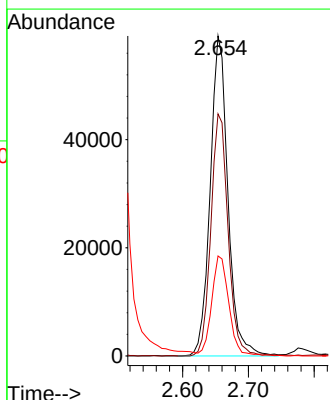
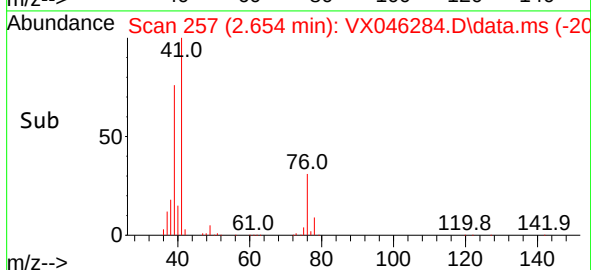
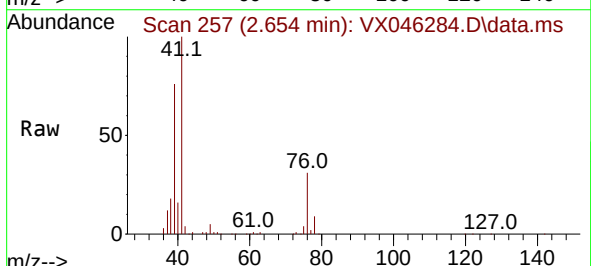
Manual Integrations
APPROVED

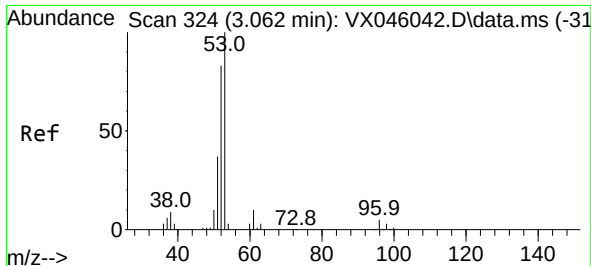
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#14
Allyl chloride
Concen: 51.600 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

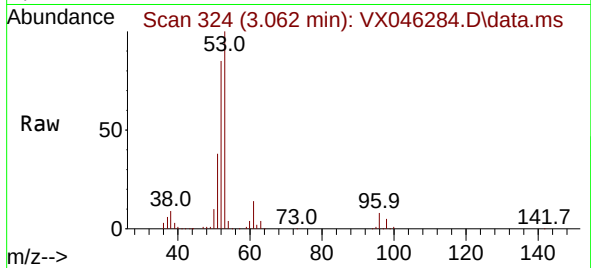
Tgt Ion: 41 Resp: 111182
Ion Ratio Lower Upper
41 100
39 73.3 60.6 90.8
76 30.2 24.9 37.3





#15
Acrylonitrile
Concen: 255.100 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

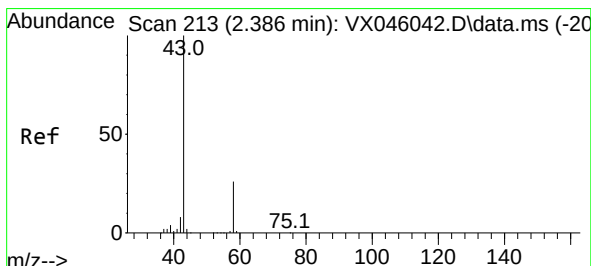
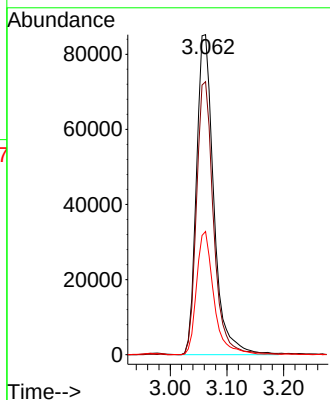
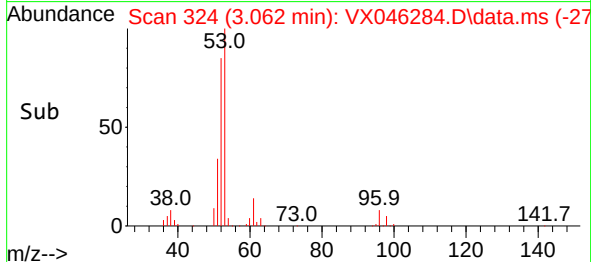
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 181499
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 38.5 29.8 44.8

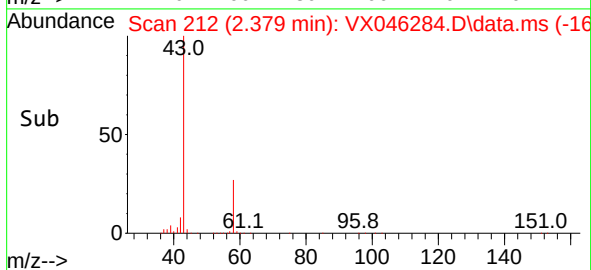
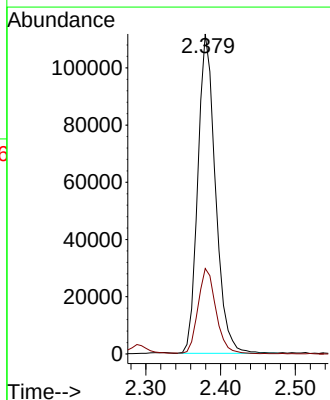
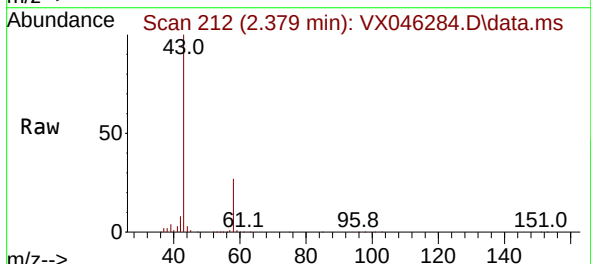
Manual Integrations
APPROVED

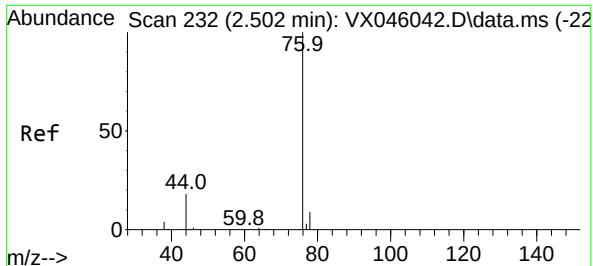
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#16
Acetone
Concen: 257.477 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

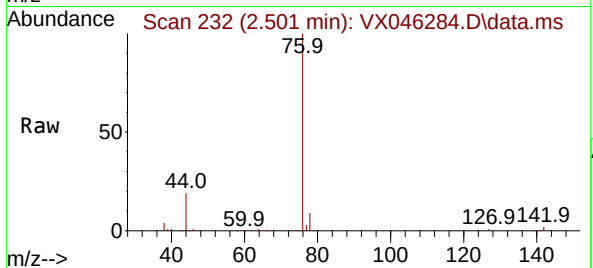
Tgt Ion: 43 Resp: 182996
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8





#17
Carbon Disulfide
Concen: 45.096 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

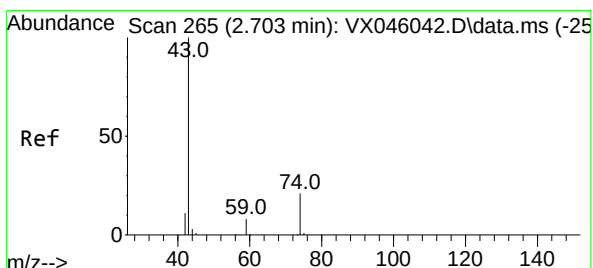
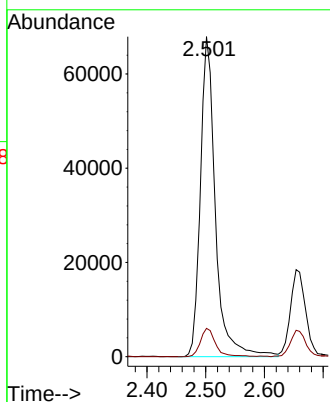
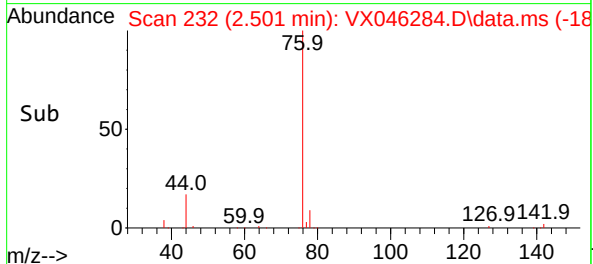
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 12053
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

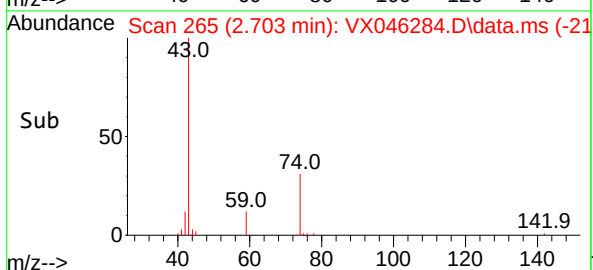
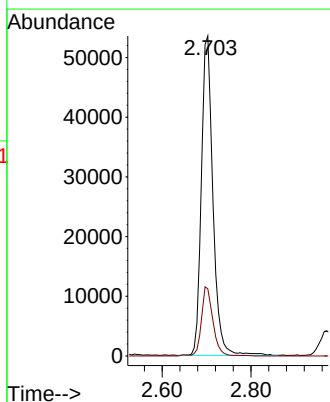
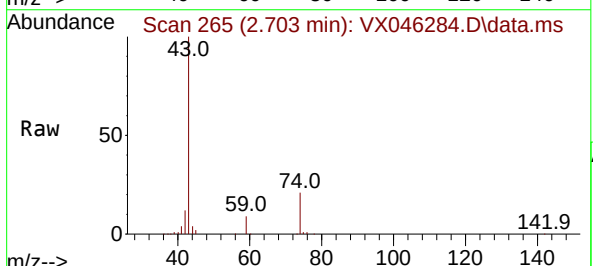
Manual Integrations
APPROVED

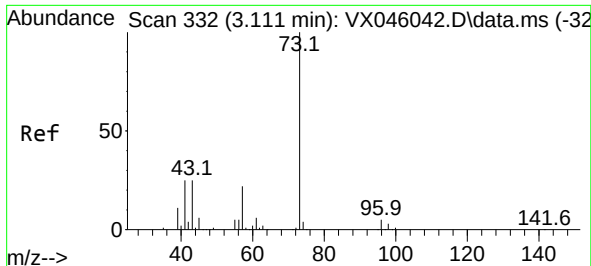
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#18
Methyl Acetate
Concen: 59.105 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

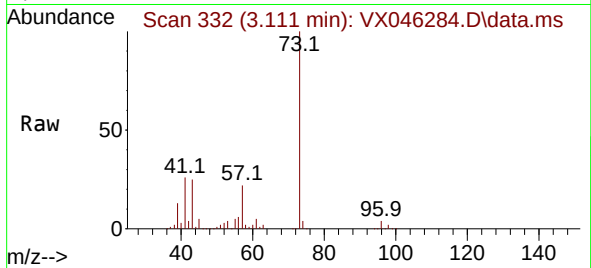
Tgt Ion: 43 Resp: 97480
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 51.499 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

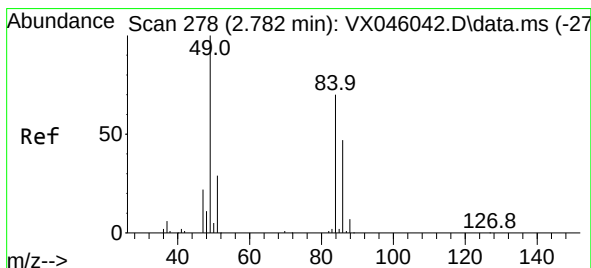
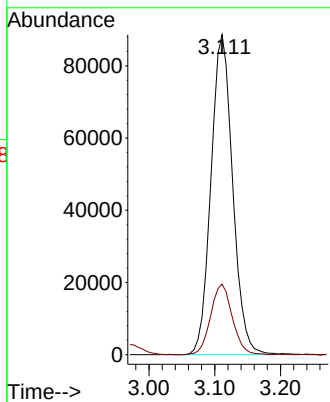
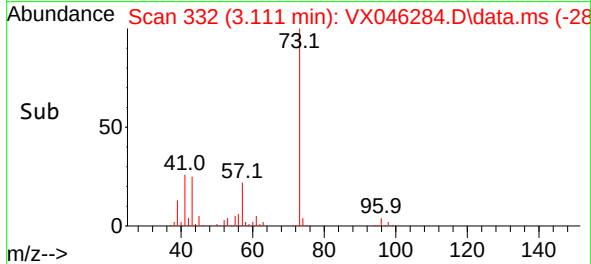
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 20355
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

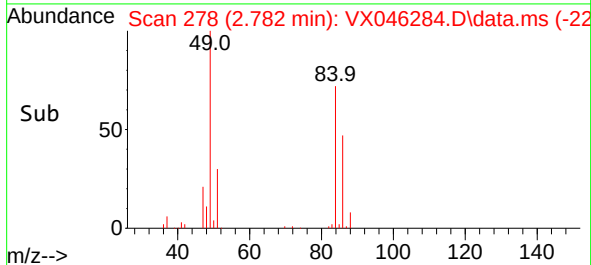
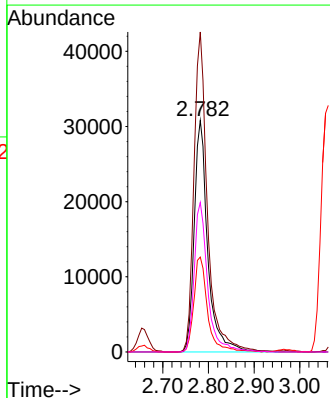
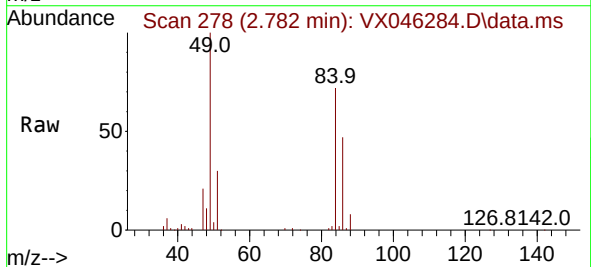
Manual Integrations
APPROVED

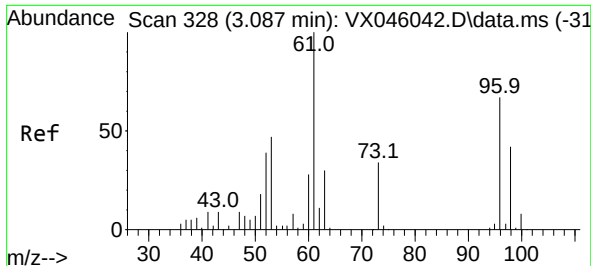
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#20
Methylene Chloride
Concen: 46.691 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

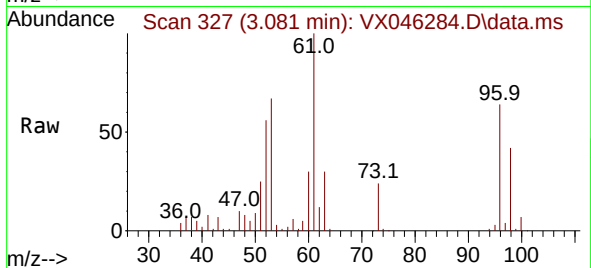
Tgt Ion: 84 Resp: 63593
Ion Ratio Lower Upper
84 100
49 138.2 113.9 170.9
51 41.0 33.5 50.3
86 64.5 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 47.714 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

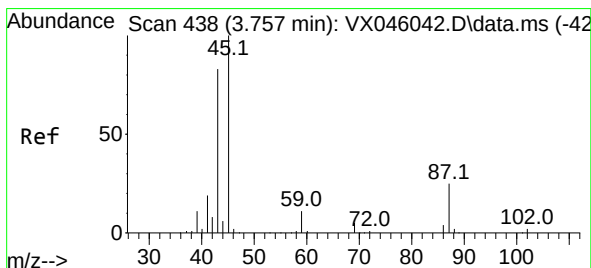
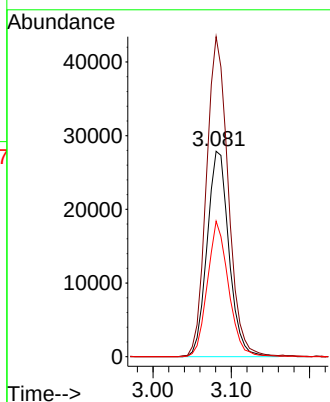
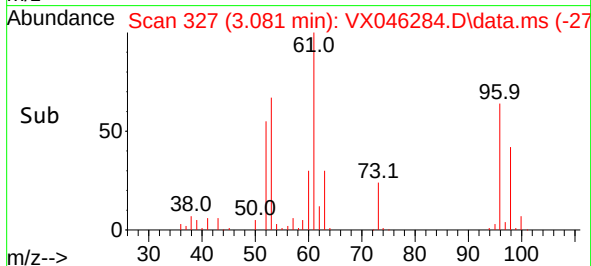
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5409
Ion Ratio Lower Upper
96 100
61 155.7 119.5 179.3
98 66.0 50.0 75.0

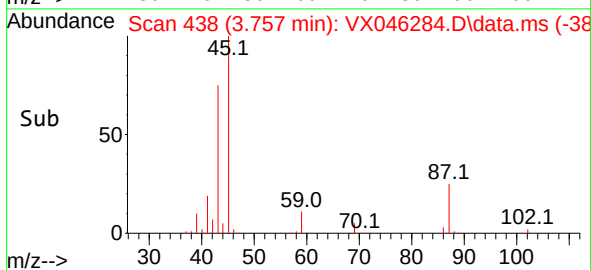
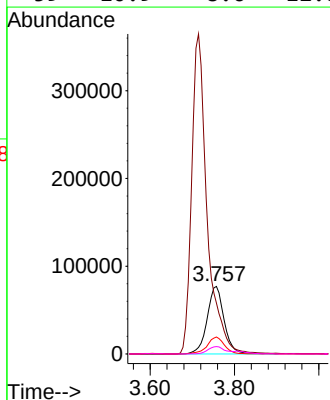
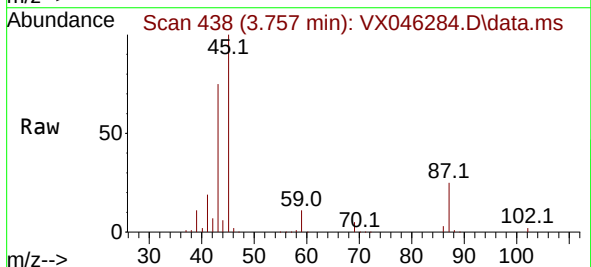
Manual Integrations
APPROVED

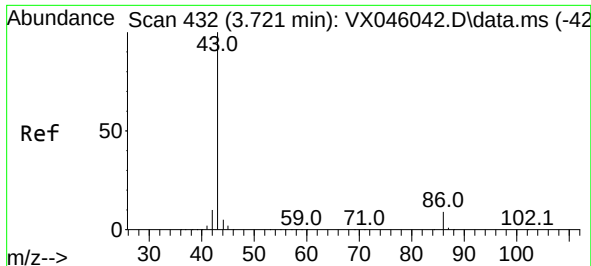
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#22
Diisopropyl ether
Concen: 51.803 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

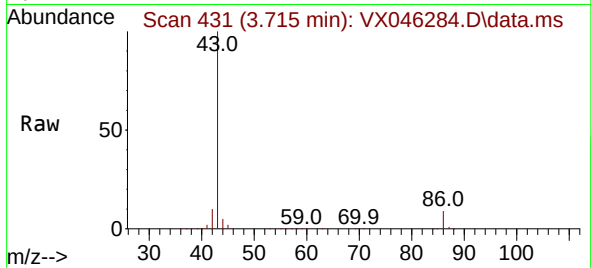
Tgt Ion: 45 Resp: 215610
Ion Ratio Lower Upper
45 100
43 75.3 66.6 100.0
87 25.0 19.8 29.6
59 10.9 8.6 12.8





#23
 Vinyl Acetate
 Concen: 254.084 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55

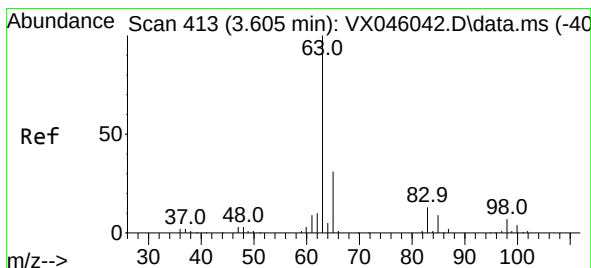
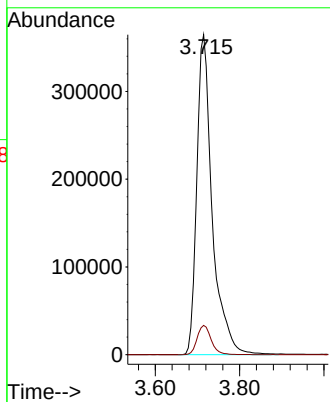
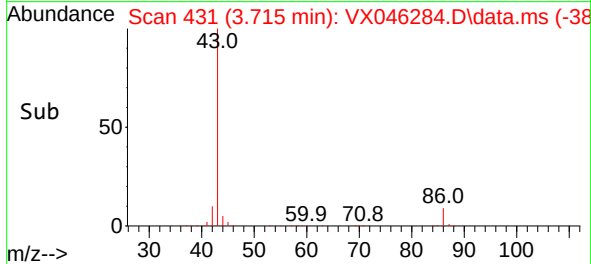
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



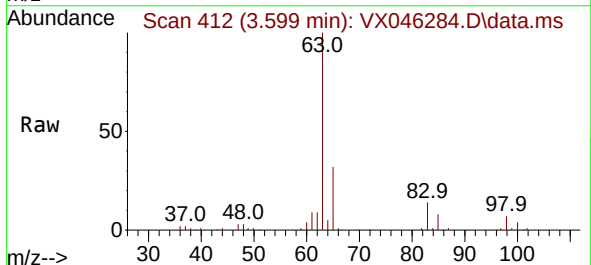
Tgt Ion: 43 Resp: 930120
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

Manual Integrations
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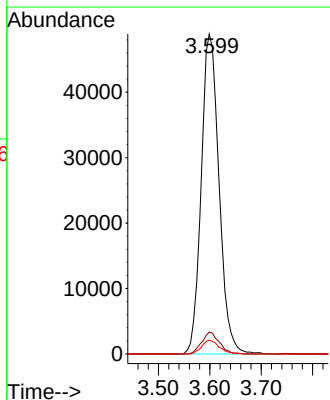
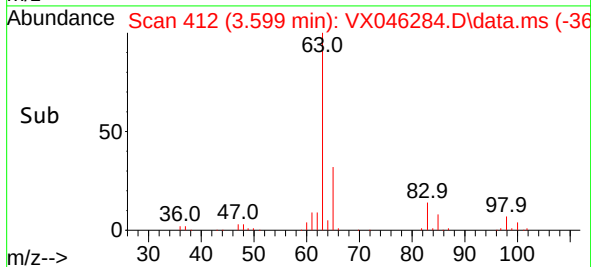
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

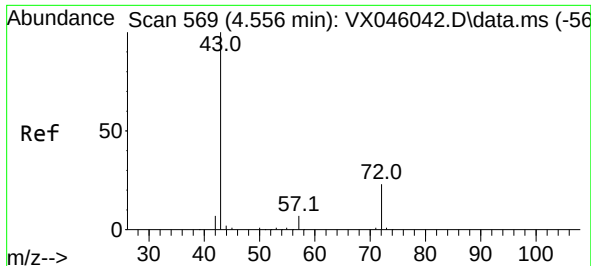


#24
 1,1-Dichloroethane
 Concen: 50.800 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55



Tgt Ion: 63 Resp: 117763
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.4 2.1 6.3





#25

2-Butanone

Concen: 254.074 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 262160

Ion Ratio Lower Upper

43 100

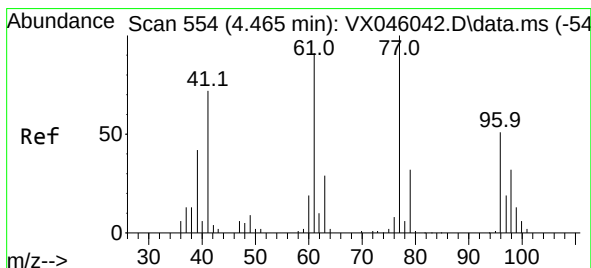
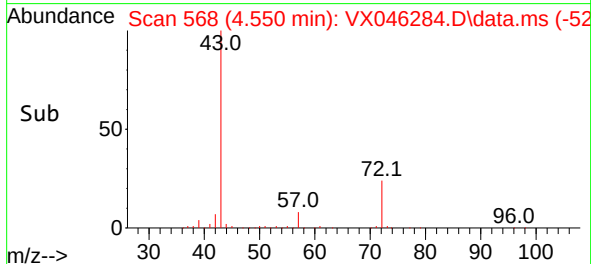
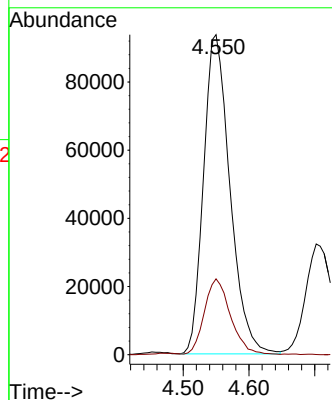
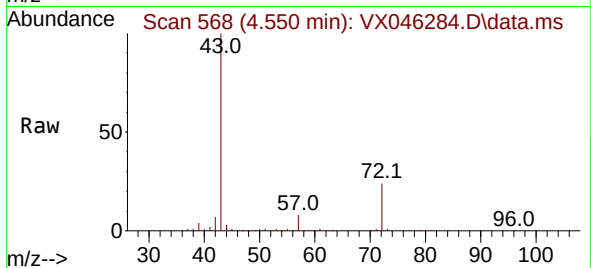
72 23.7 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#26

2,2-Dichloropropane

Concen: 52.543 ug/l

RT: 4.458 min Scan# 553

Delta R.T. -0.006 min

Lab File: VX046284.D

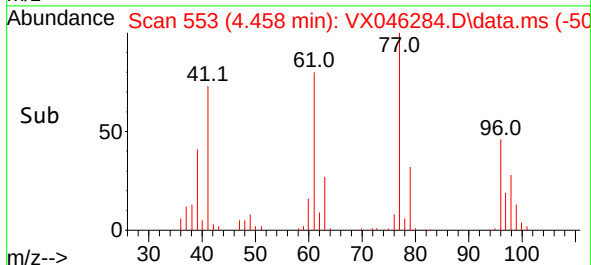
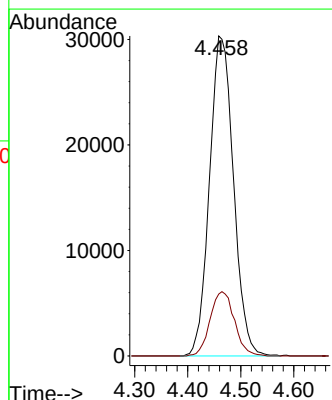
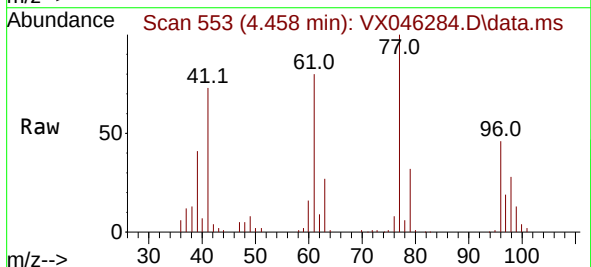
Acq: 21 May 2025 09:55

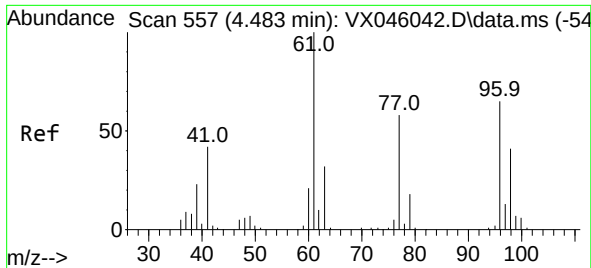
Tgt Ion: 77 Resp: 95337

Ion Ratio Lower Upper

77 100

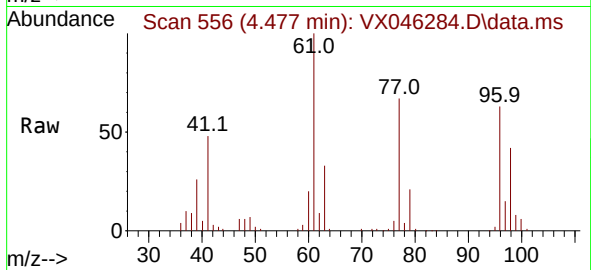
97 20.3 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 49.246 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55

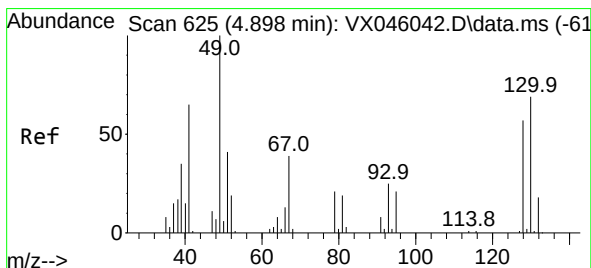
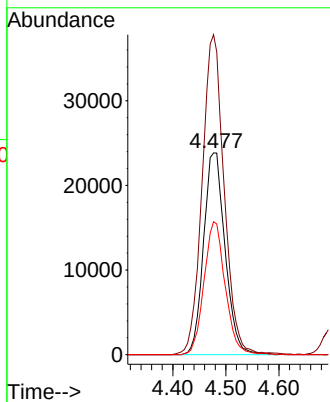
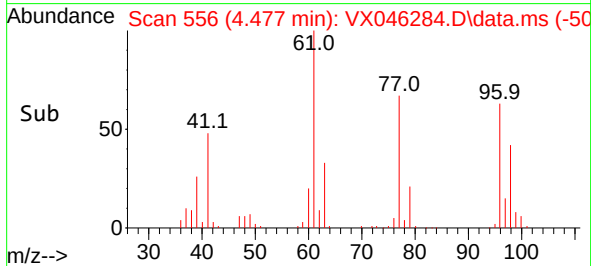
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 67210
 Ion Ratio Lower Upper
 96 100
 61 162.3 0.0 322.8
 98 64.6 0.0 129.0

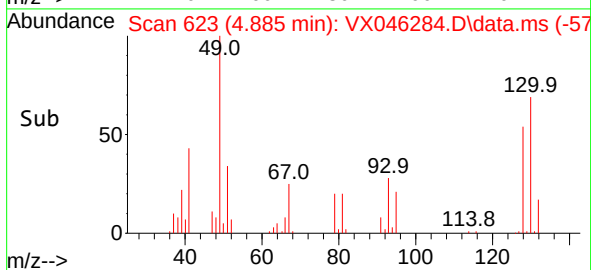
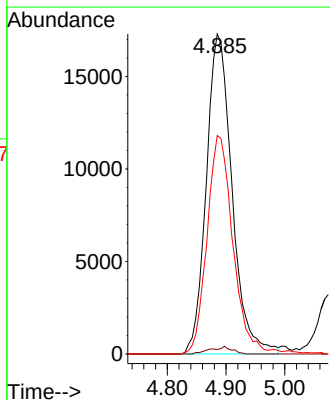
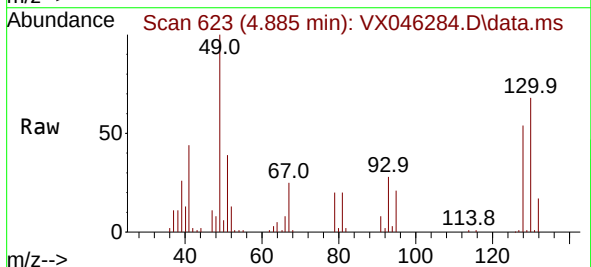
Manual Integrations
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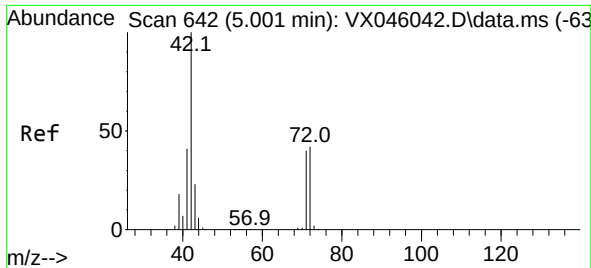
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#28
 Bromochloromethane
 Concen: 47.215 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55

Tgt Ion: 49 Resp: 52685
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 68.0 56.2 84.2





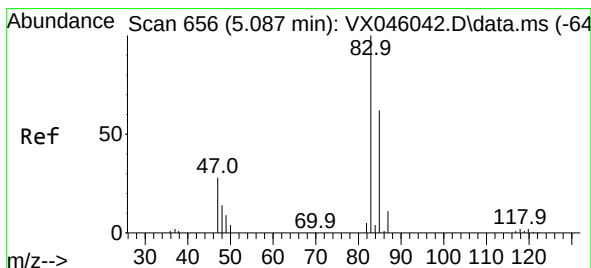
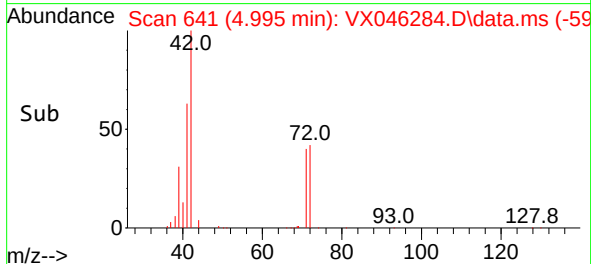
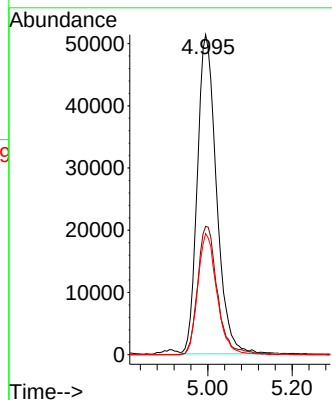
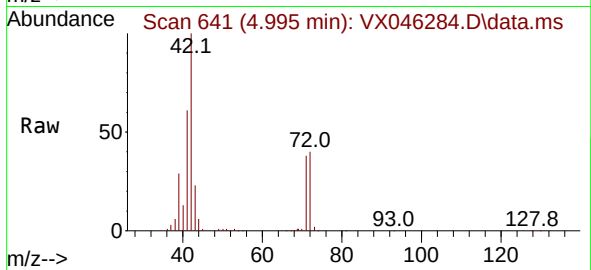
#29
Tetrahydrofuran
Concen: 250.853 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 162193
Ion Ratio Lower Upper
42 100
72 41.4 33.7 50.5
71 37.8 31.4 47.2

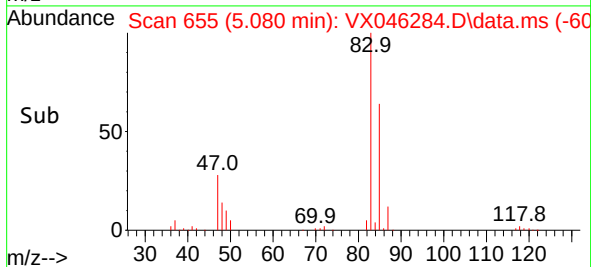
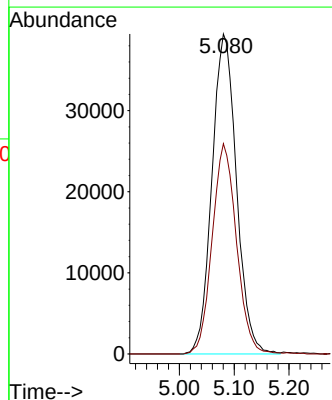
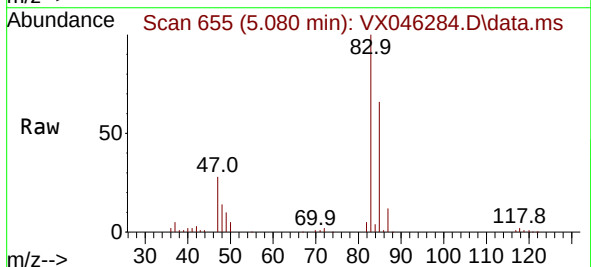
Manual Integrations
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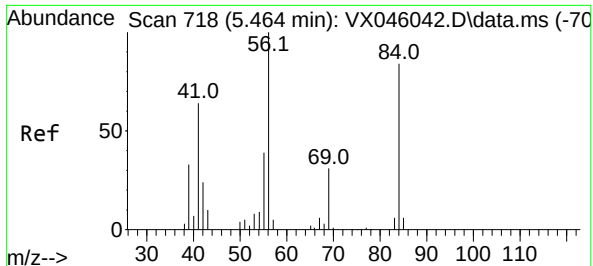
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#30
Chloroform
Concen: 50.762 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

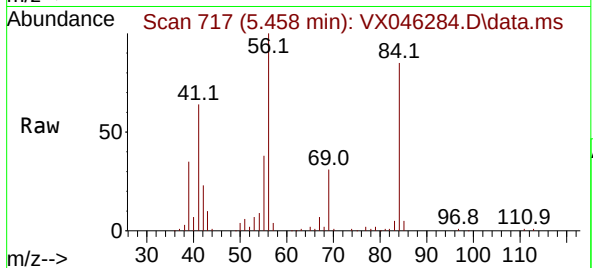
Tgt Ion: 83 Resp: 122654
Ion Ratio Lower Upper
83 100
85 65.7 49.3 73.9





#31
Cyclohexane
Concen: 46.552 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

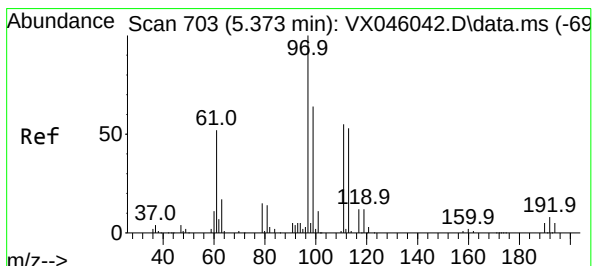
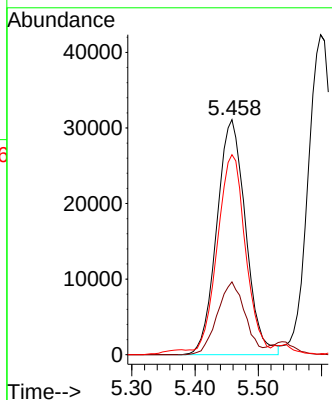
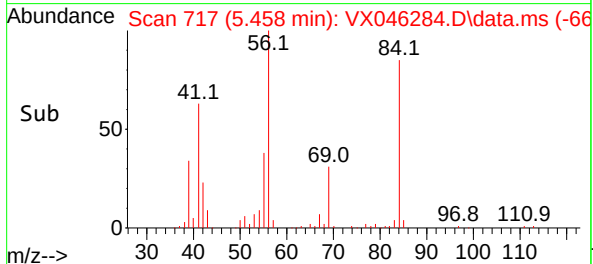
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 98339
Ion Ratio Lower Upper
56 100
69 31.0 24.4 36.6
84 83.0 66.9 100.3

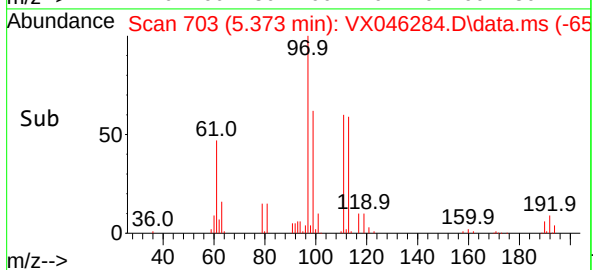
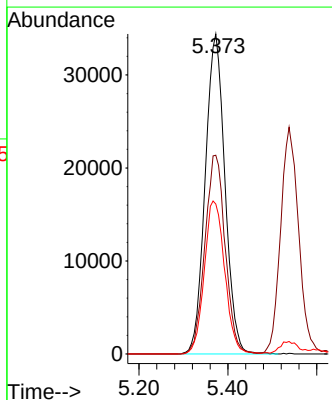
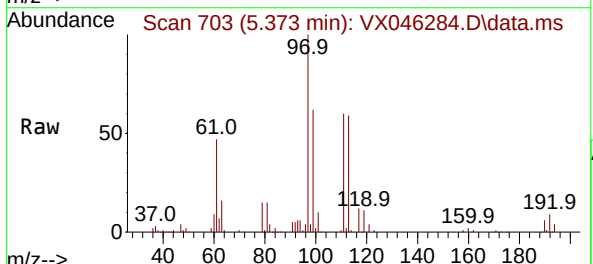
Manual Integrations
APPROVED

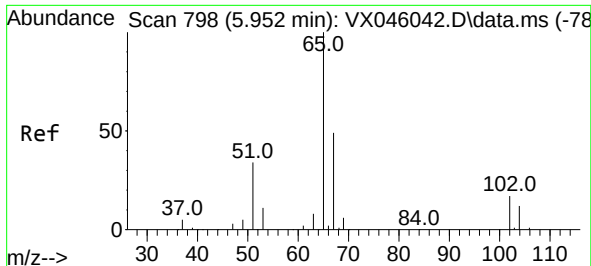
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#32
1,1,1-Trichloroethane
Concen: 50.660 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 97 Resp: 106109
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 49.6 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 48.949 ug/l

RT: 5.940 min Scan# 798

Delta R.T. -0.012 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 86760

Ion Ratio Lower Upper

65 100

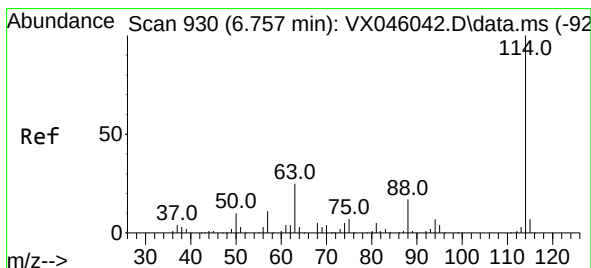
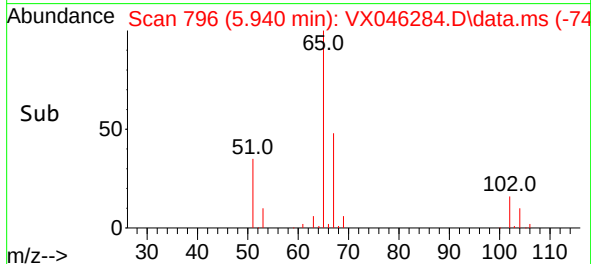
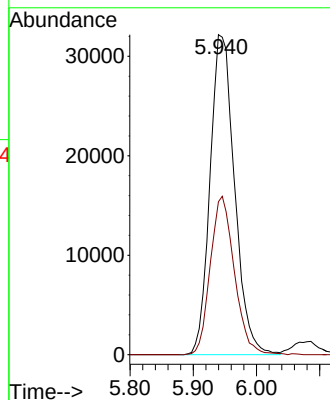
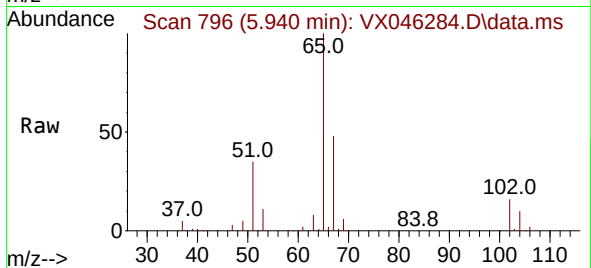
67 48.6 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

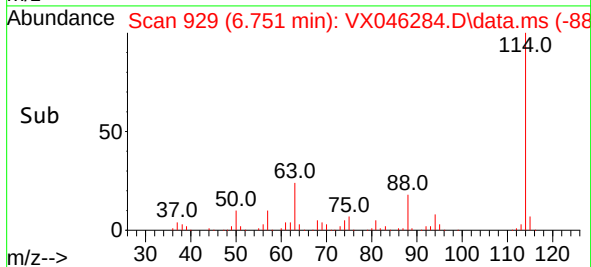
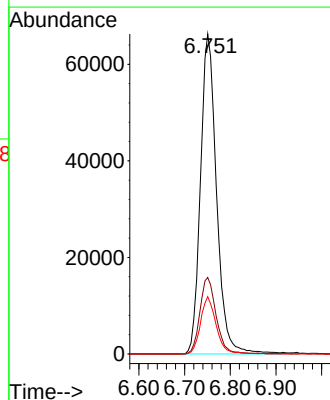
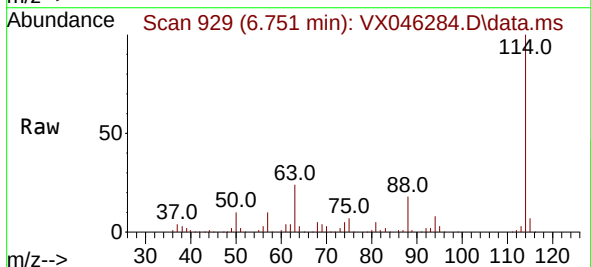
Tgt Ion:114 Resp: 161730

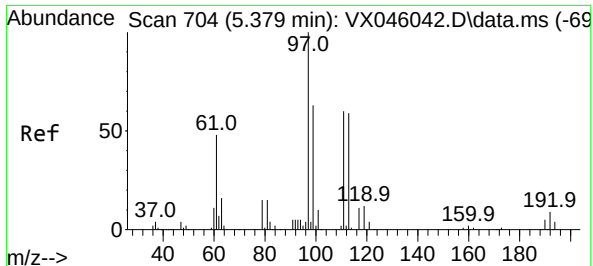
Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

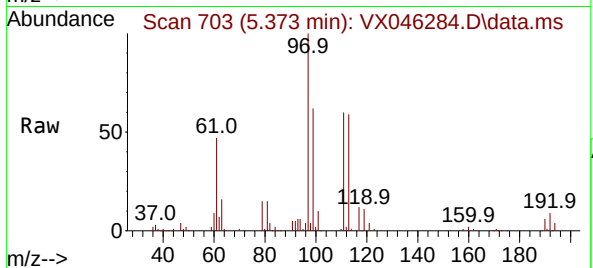
88 17.9 0.0 33.6





#35
Dibromofluoromethane
Concen: 51.518 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

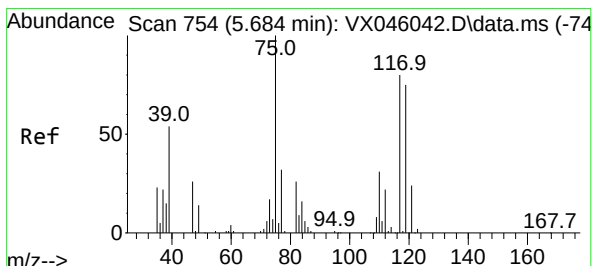
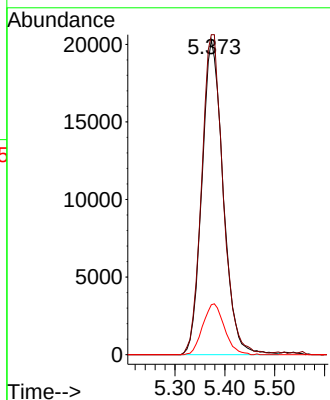
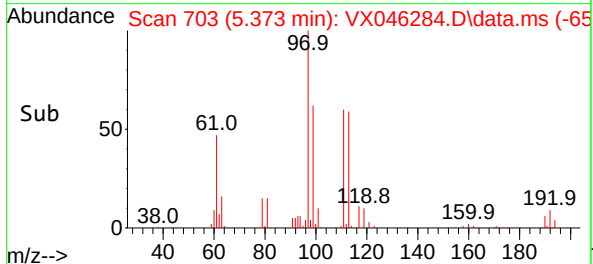
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 5999
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 16.4 13.3 19.9

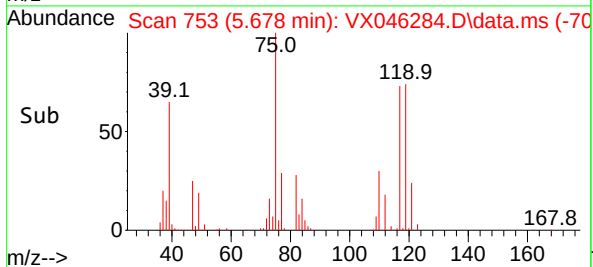
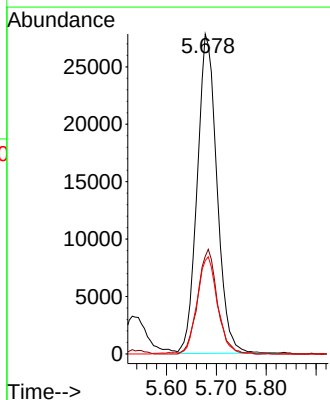
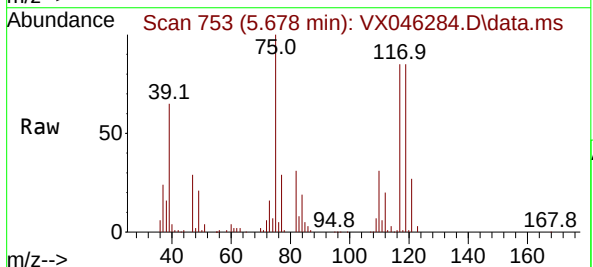
Manual Integrations
APPROVED

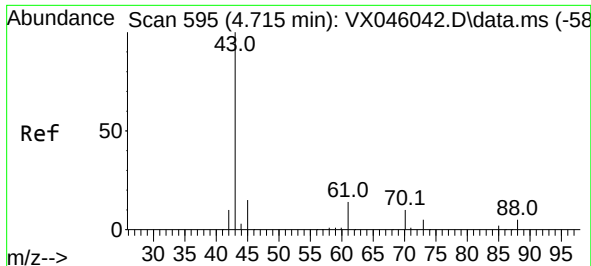
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#36
1,1-Dichloropropene
Concen: 48.791 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 75 Resp: 76348
Ion Ratio Lower Upper
75 100
110 32.7 16.3 48.9
77 31.6 24.3 36.5





#37

Ethyl Acetate

Concen: 50.197 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 97045

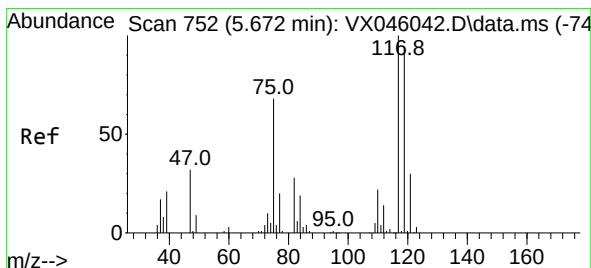
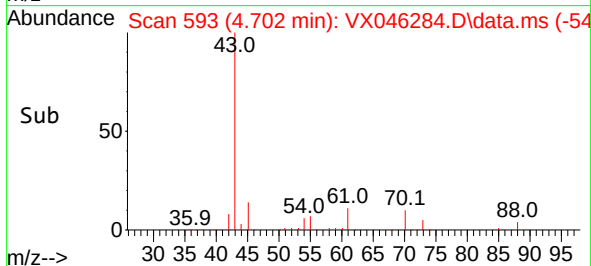
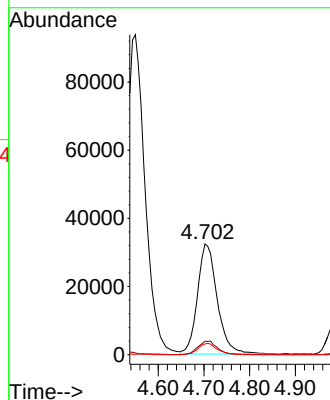
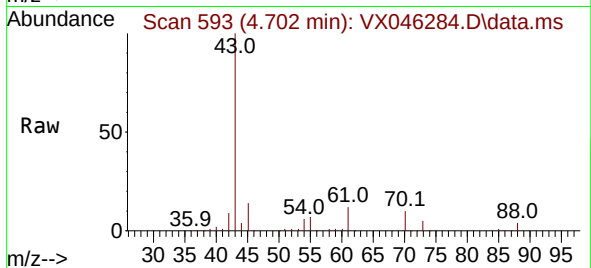
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.3	15.5
70	9.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#38

Carbon Tetrachloride

Concen: 50.907 ug/l

RT: 5.665 min Scan# 751

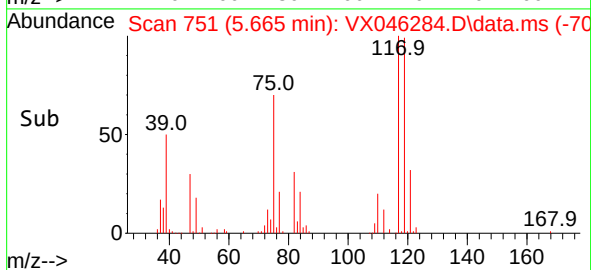
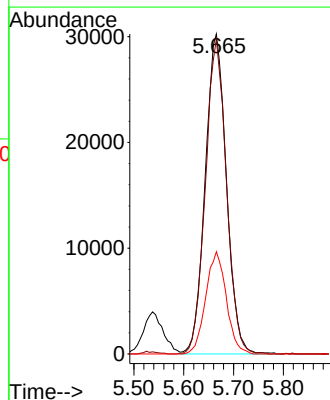
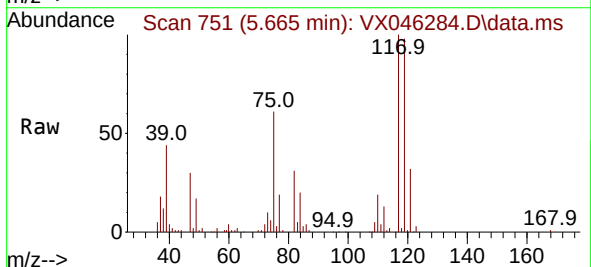
Delta R.T. -0.006 min

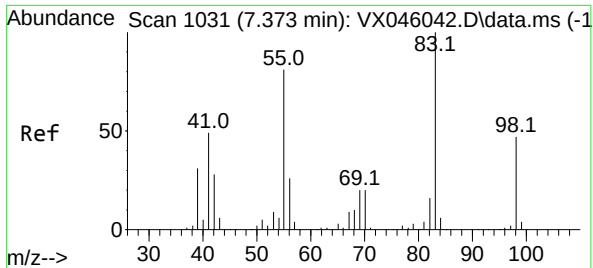
Lab File: VX046284.D

Acq: 21 May 2025 09:55

Tgt Ion:117 Resp: 89504

Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.2	112.8
121	32.0	24.2	36.4





#39
Methylcyclohexane
Concen: 47.691 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

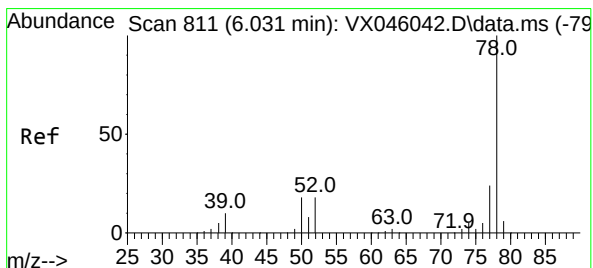
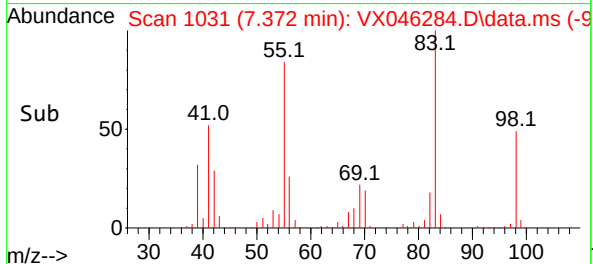
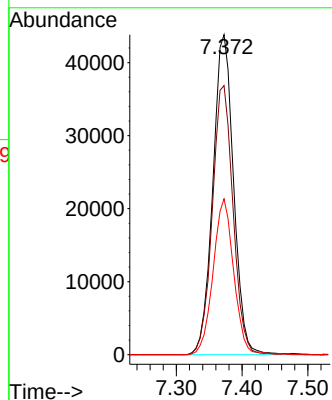
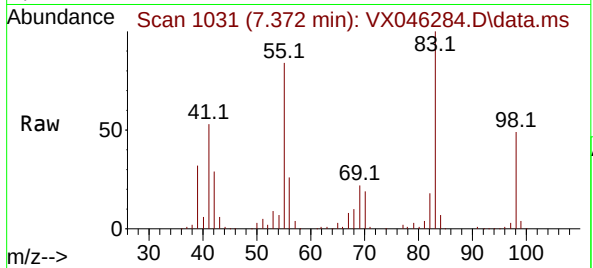
Tgt Ion: 83 Resp: 96070
Ion Ratio Lower Upper
83 100
55 84.1 64.7 97.1
98 48.7 37.4 56.2

Manual Integrations

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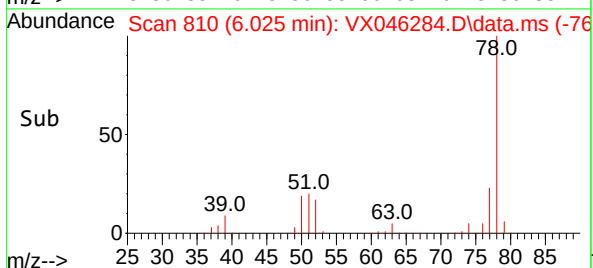
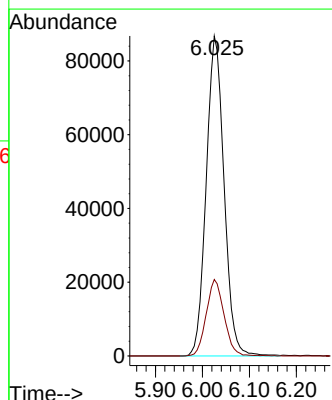
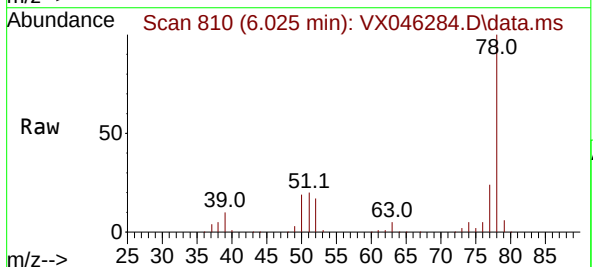
Reviewed By :John Carlone 05/22/2025

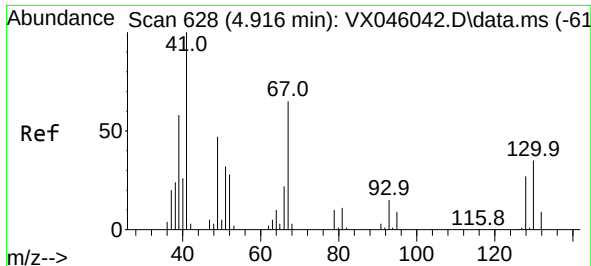
Supervised By :Mahesh Dadoda 05/22/2025



#40
Benzene
Concen: 49.833 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

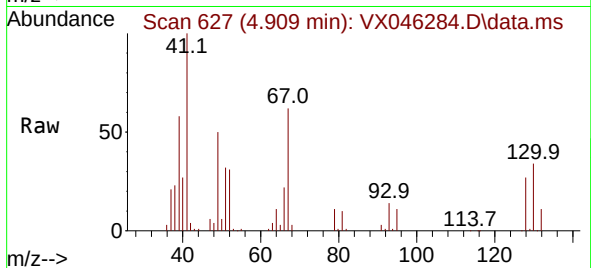
Tgt Ion: 78 Resp: 228406
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 55.480 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

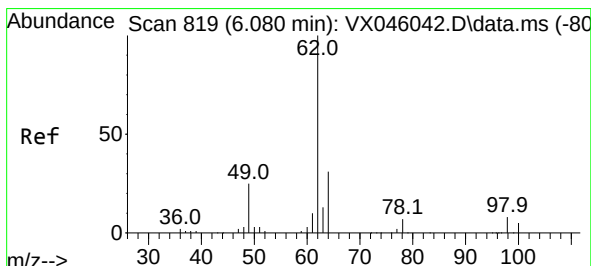
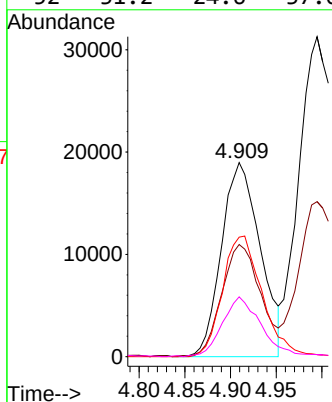
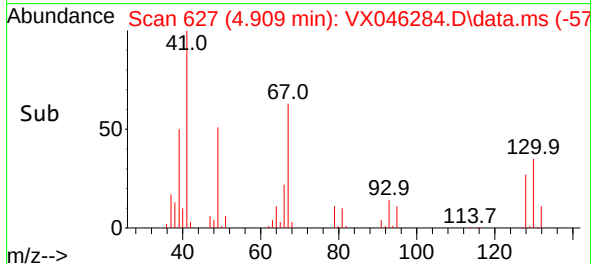
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



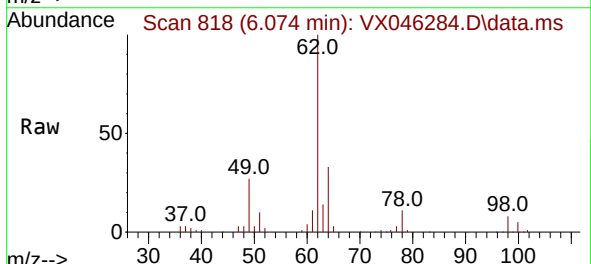
Tgt Ion: 41 Resp: 56109
Ion Ratio Lower Upper
41 100
39 57.9 47.2 70.8
67 63.5 50.7 76.1
52 31.2 24.6 37.0

Manual Integrations
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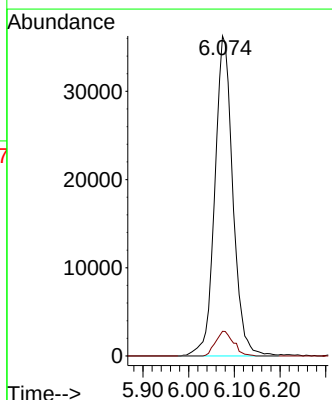
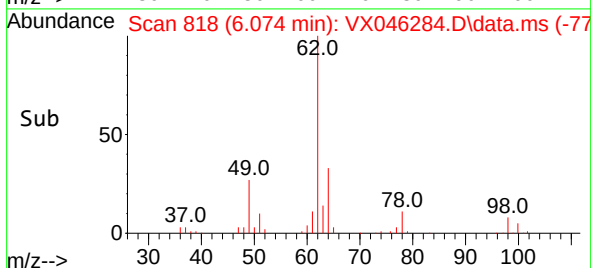
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

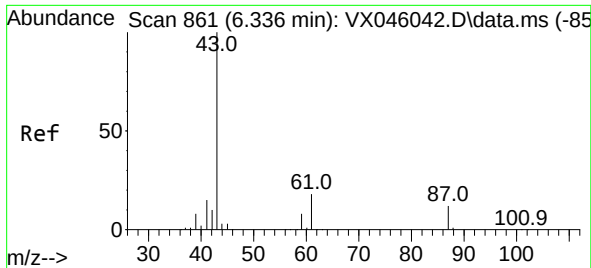


#42
1,2-Dichloroethane
Concen: 50.298 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



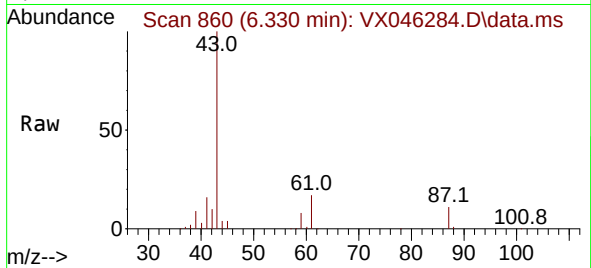
Tgt Ion: 62 Resp: 99497
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43
Isopropyl Acetate
Concen: 52.987 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

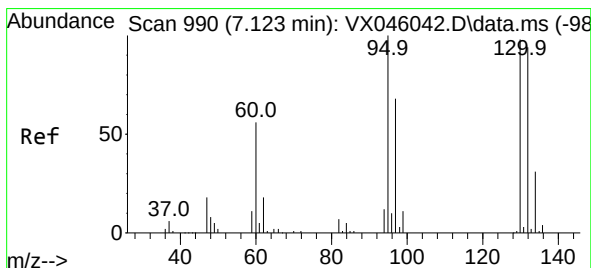
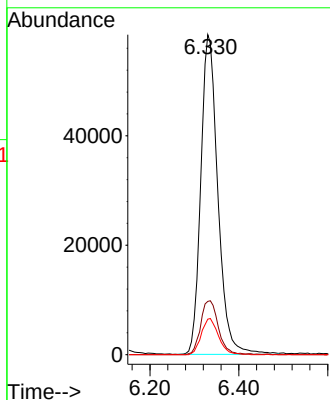
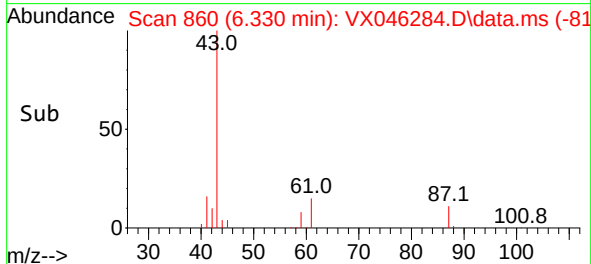
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 156279
Ion Ratio Lower Upper
43 100
61 17.5 14.3 21.5
87 11.3 9.5 14.3

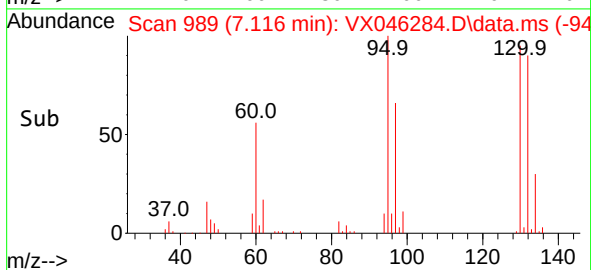
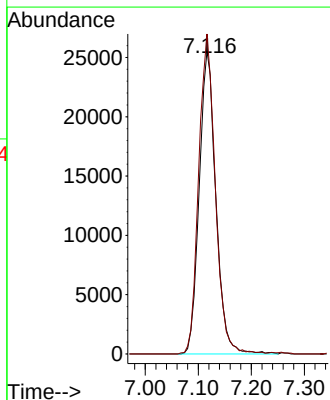
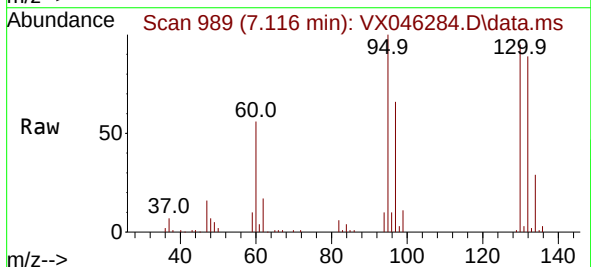
Manual Integrations
APPROVED

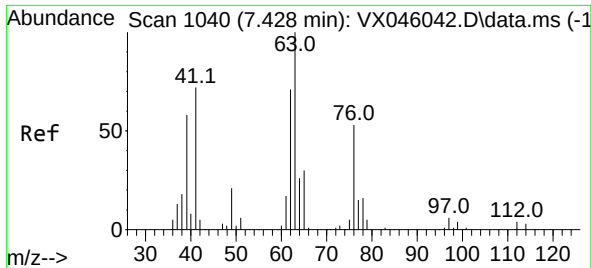
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#44
Trichloroethene
Concen: 50.452 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion:130 Resp: 55656
Ion Ratio Lower Upper
130 100
95 105.6 0.0 204.2





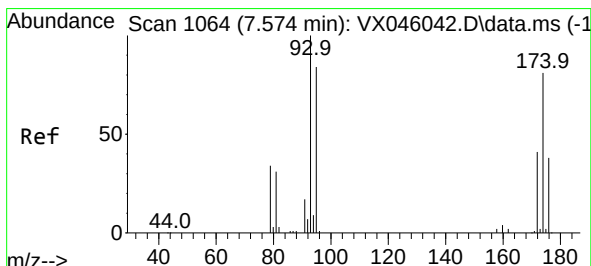
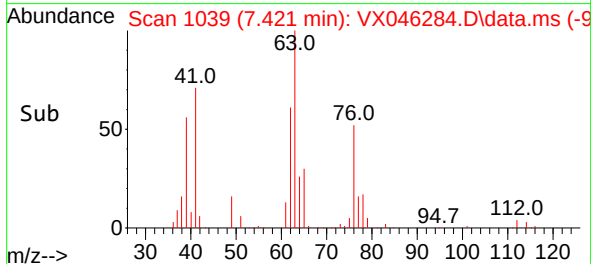
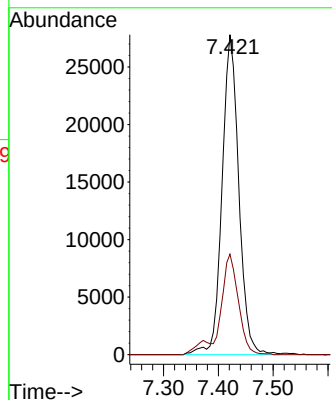
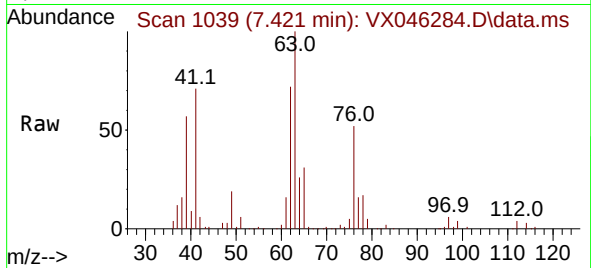
#45
1,2-Dichloropropane
Concen: 51.990 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 5925
Ion Ratio Lower Upper
63 100
65 31.4 24.1 36.1

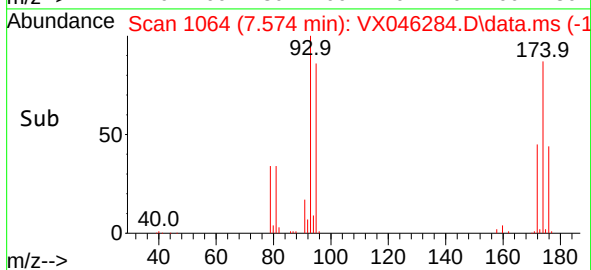
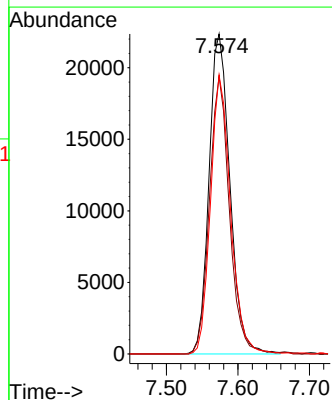
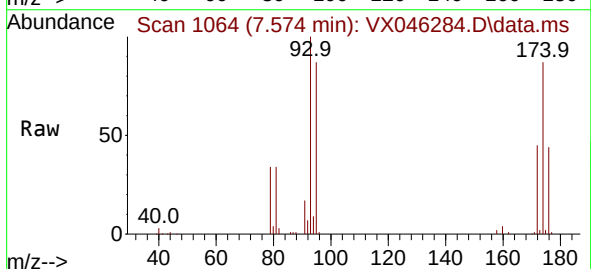
Manual Integrations
APPROVED

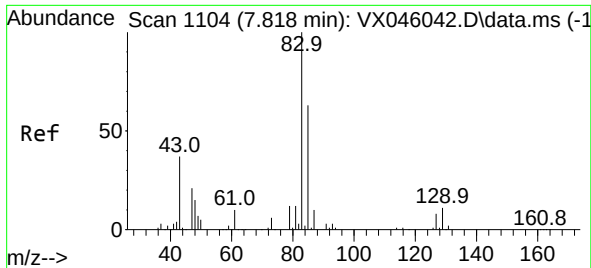
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#46
Dibromomethane
Concen: 50.531 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 93 Resp: 45422
Ion Ratio Lower Upper
93 100
95 83.0 65.6 98.4
174 83.8 68.2 102.2





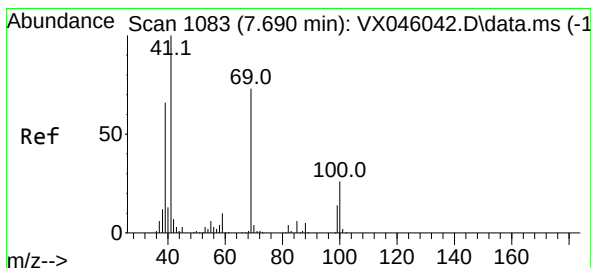
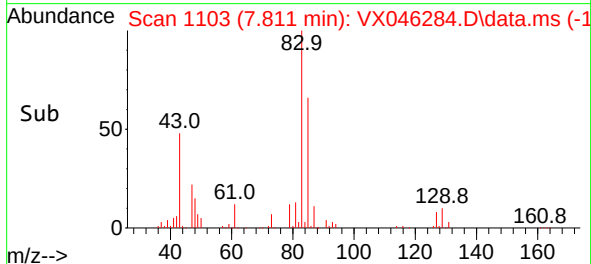
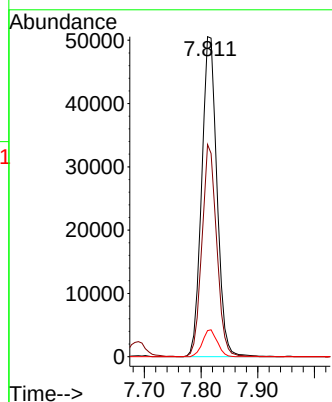
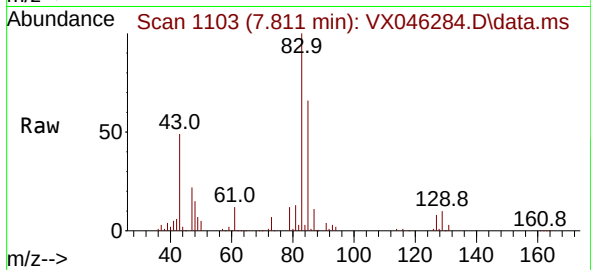
#47
Bromodichloromethane
Concen: 53.478 ug/l
RT: 7.811 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 94679
Ion Ratio Lower Upper
83 100
85 66.3 50.5 75.7
127 8.1 6.5 9.7

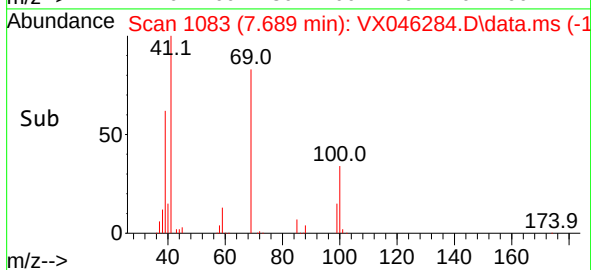
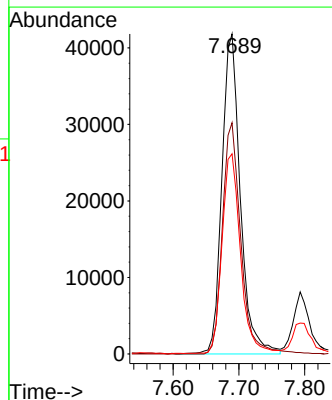
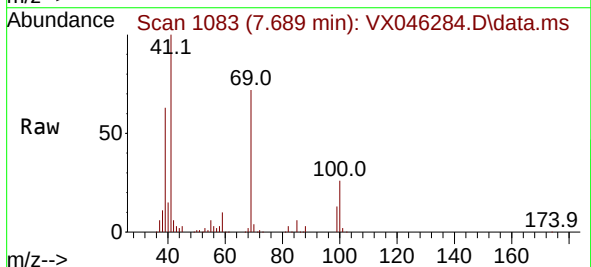
Manual Integrations
APPROVED

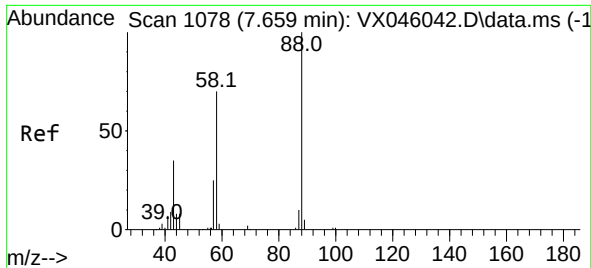
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#48
Methyl methacrylate
Concen: 54.212 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

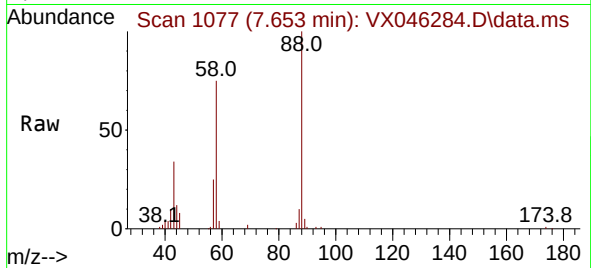
Tgt Ion: 41 Resp: 81658
Ion Ratio Lower Upper
41 100
69 72.1 58.5 87.7
39 62.3 51.7 77.5





#49
1,4-Dioxane
Concen: 977.870 ug/l
RT: 7.653 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

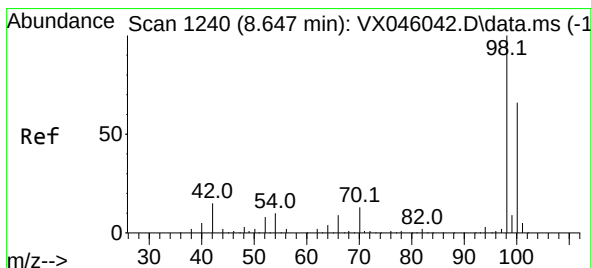
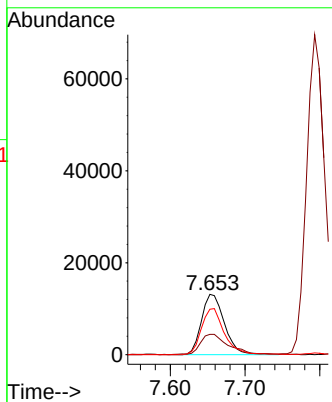
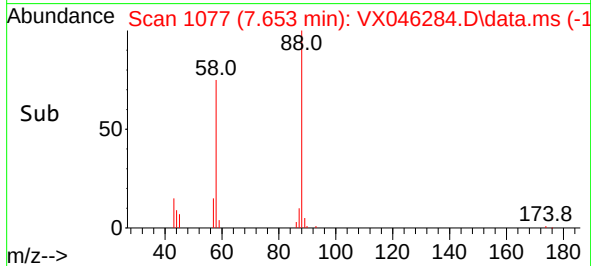
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 2796
Ion Ratio Lower Upper
88 100
43 42.1 33.4 50.2
58 76.5 58.6 88.0

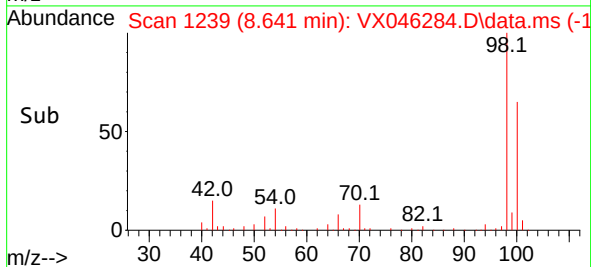
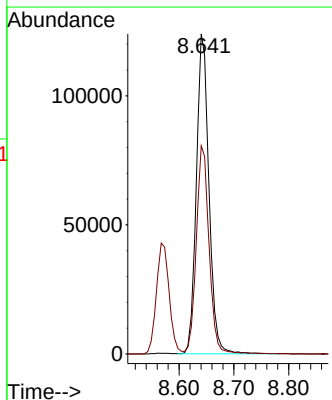
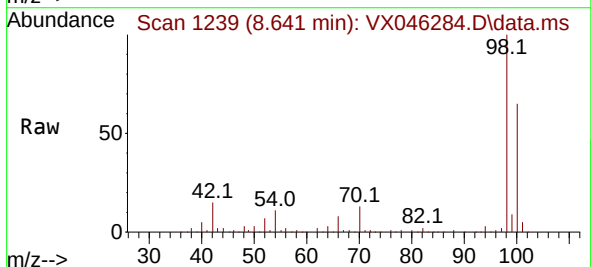
Manual Integrations
APPROVED

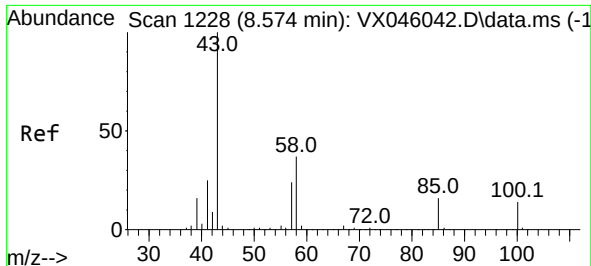
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#50
Toluene-d8
Concen: 49.081 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 98 Resp: 197841
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3





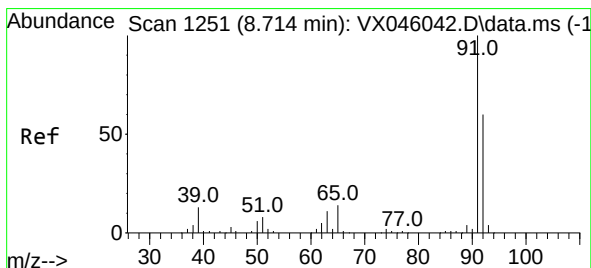
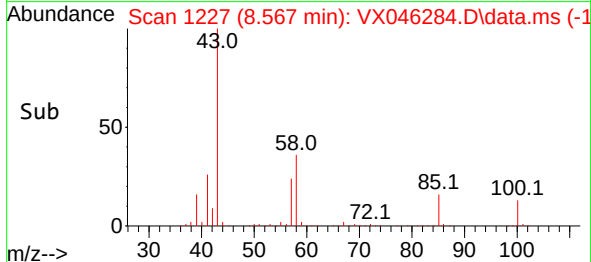
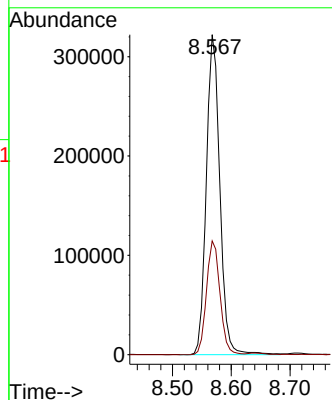
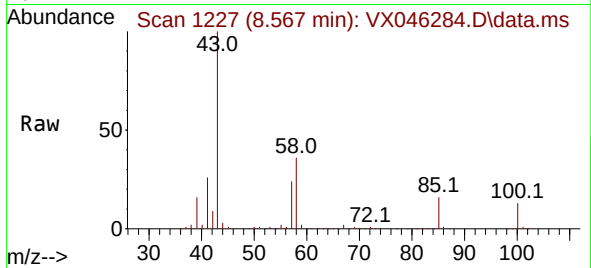
#51
4-Methyl-2-Pentanone
Concen: 262.926 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 51474
Ion Ratio Lower Upper
43 100
58 35.6 28.9 43.3

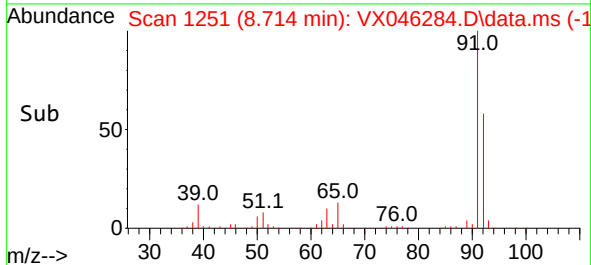
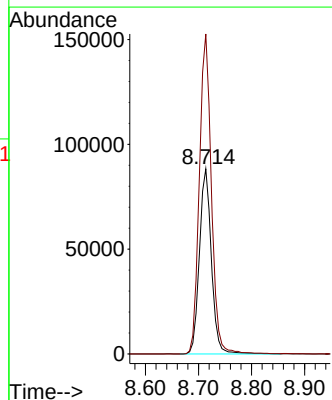
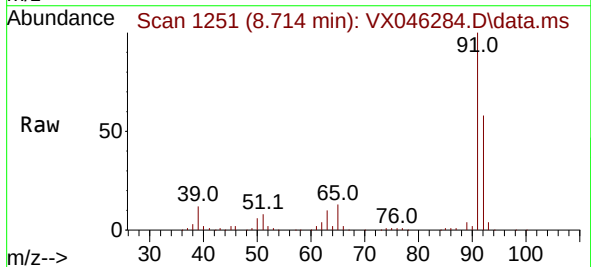
Manual Integrations
APPROVED

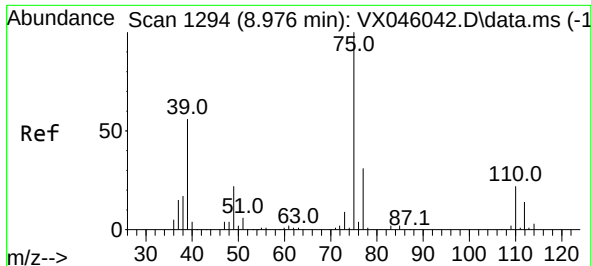
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#52
Toluene
Concen: 49.311 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

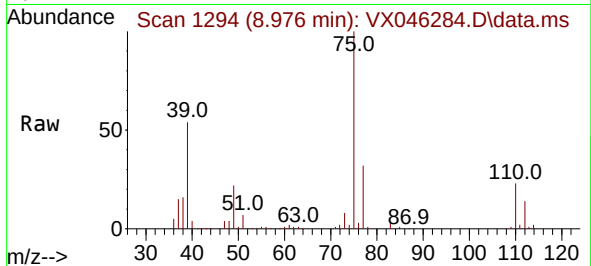
Tgt Ion: 92 Resp: 138588
Ion Ratio Lower Upper
92 100
91 174.2 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 54.425 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

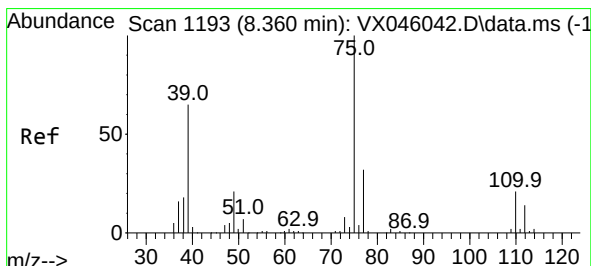
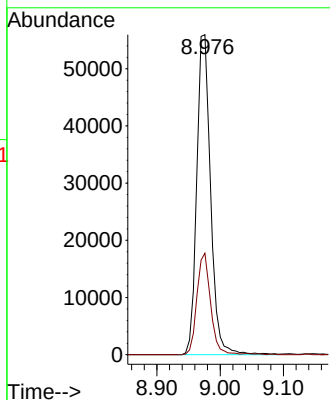
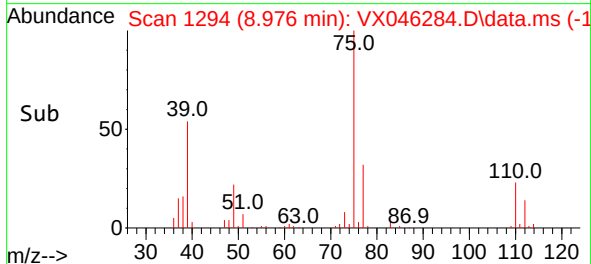
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 85640
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

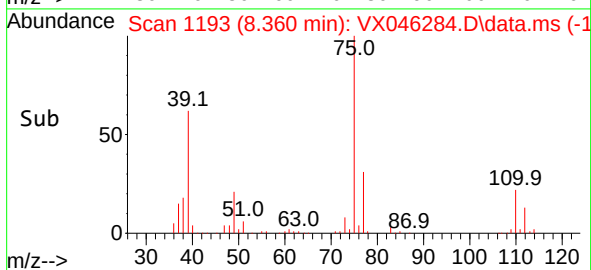
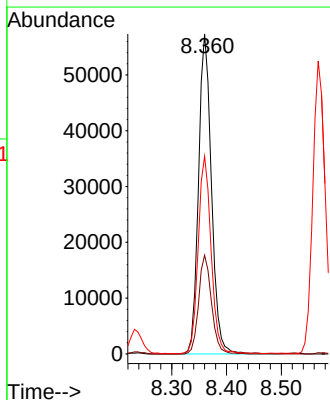
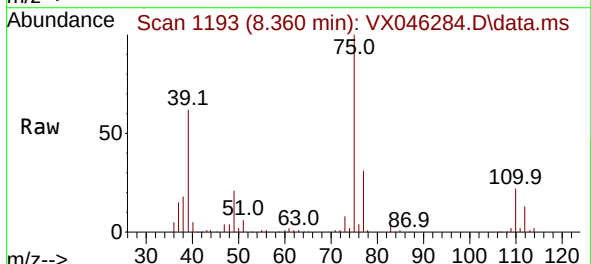
Manual Integrations
APPROVED

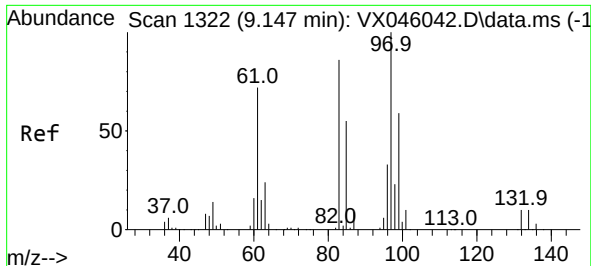
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#54
cis-1,3-Dichloropropene
Concen: 54.136 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

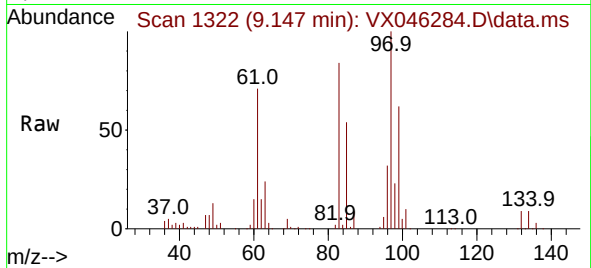
Tgt Ion: 75 Resp: 94157
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 61.8 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 51.730 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

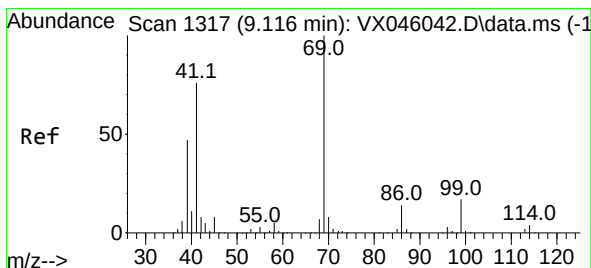
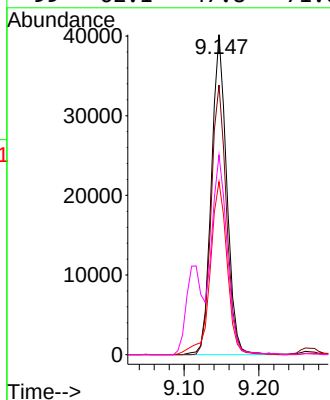
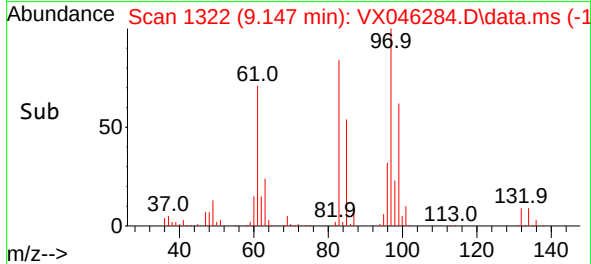
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



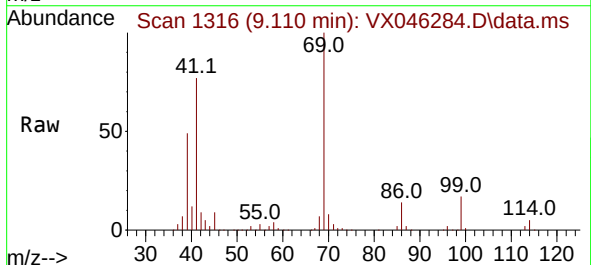
Tgt Ion:	97	Resp:	57320
Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.0	103.6
85	53.9	44.3	66.5
99	62.1	47.8	71.6

Manual Integrations
APPROVED

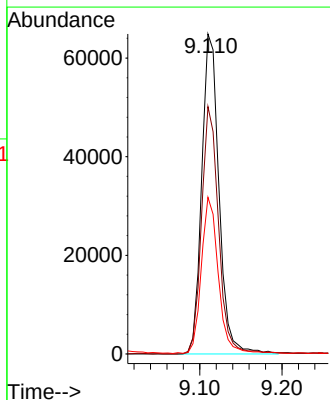
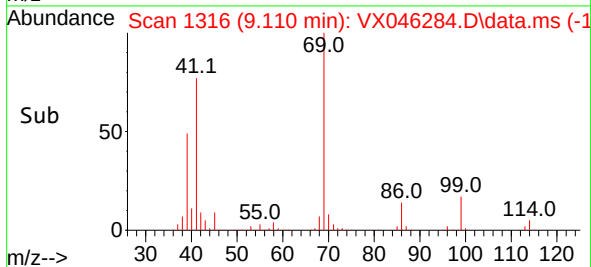
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

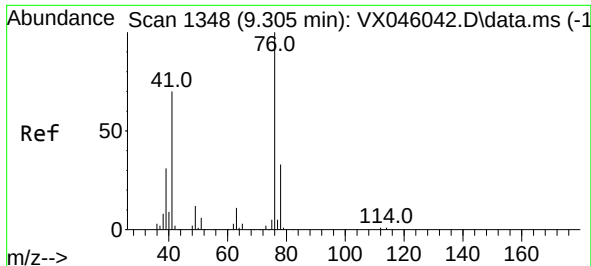


#56
Ethyl methacrylate
Concen: 53.634 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



Tgt Ion:	69	Resp:	94728
Ion	Ratio	Lower	Upper
69	100		
41	76.5	60.8	91.2
39	48.1	39.0	58.6





#57

1,3-Dichloropropane

Concen: 49.714 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9894

Ion Ratio Lower Upper

76 100

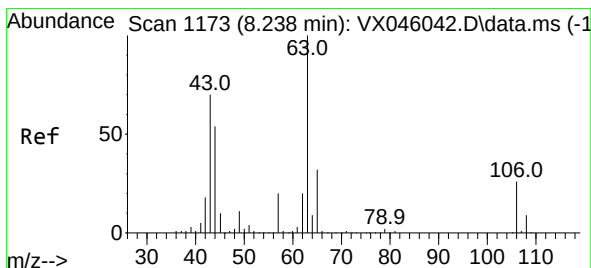
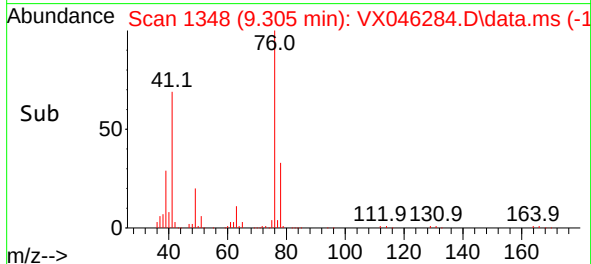
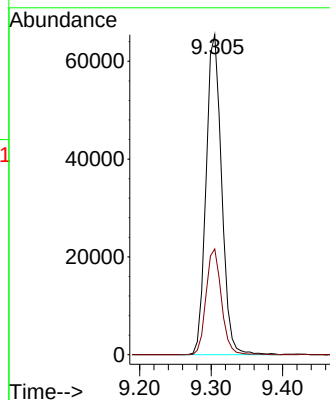
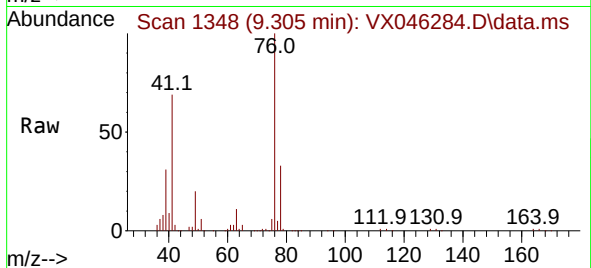
78 32.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#58

2-Chloroethyl Vinyl ether

Concen: 273.669 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046284.D

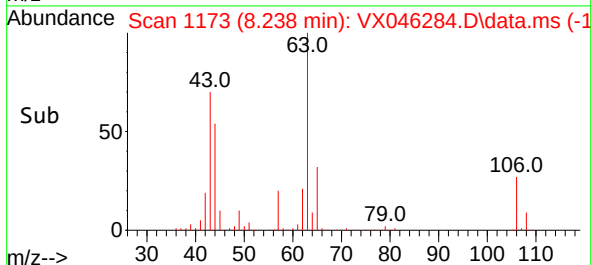
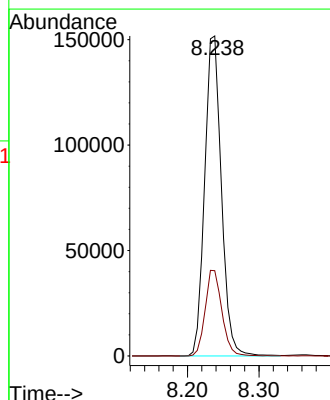
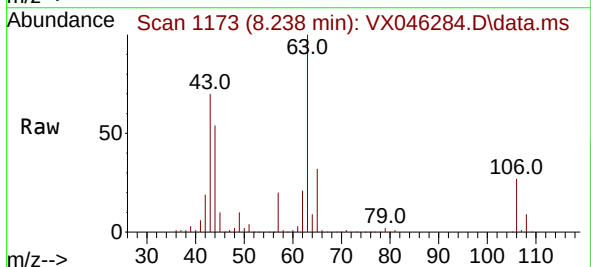
Acq: 21 May 2025 09:55

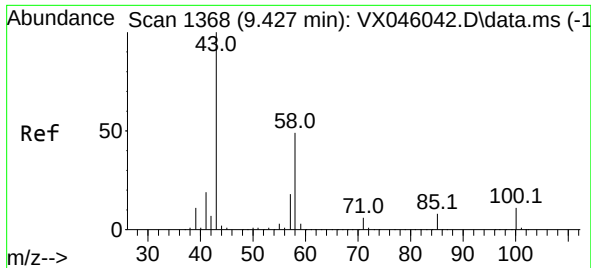
Tgt Ion: 63 Resp: 246422

Ion Ratio Lower Upper

63 100

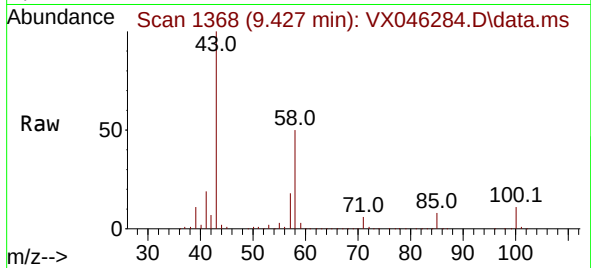
106 26.8 21.5 32.3





#59
2-Hexanone
Concen: 263.910 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

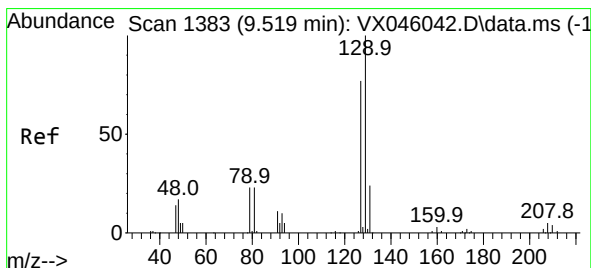
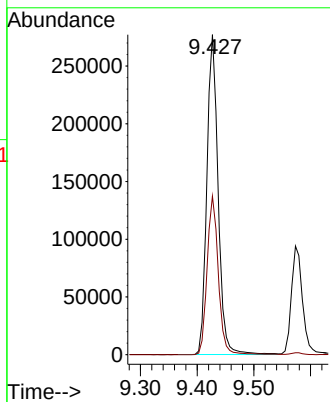
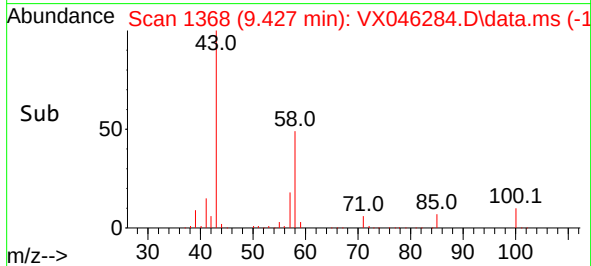
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 382250
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

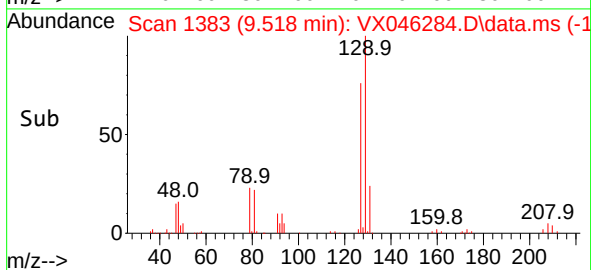
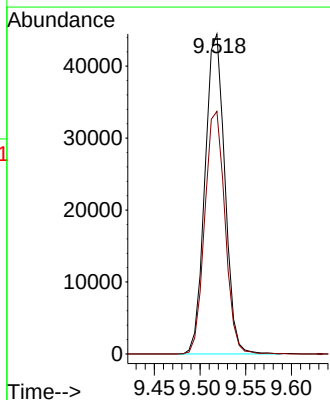
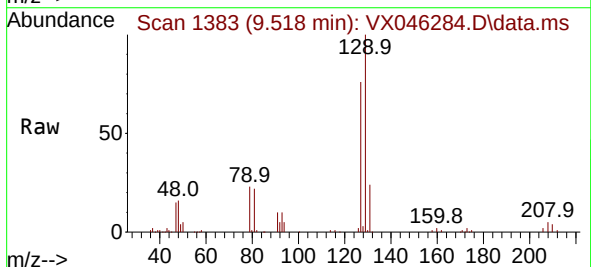
Manual Integrations
APPROVED

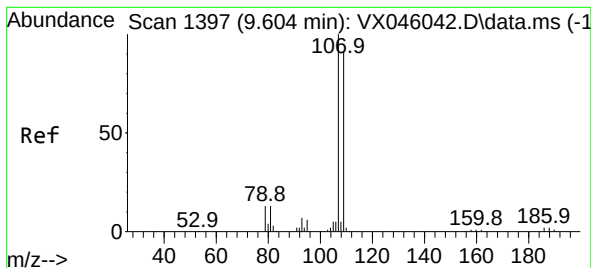
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#60
Dibromochloromethane
Concen: 54.971 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion:129 Resp: 66902
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





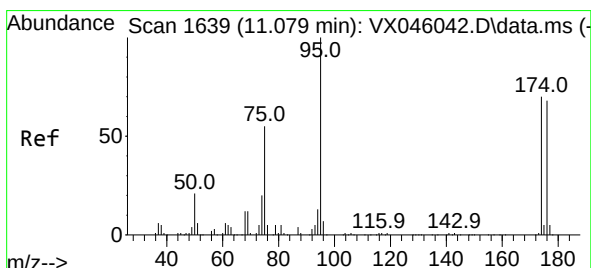
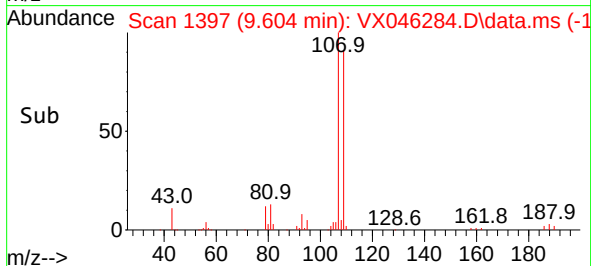
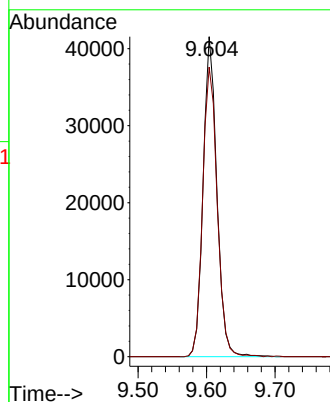
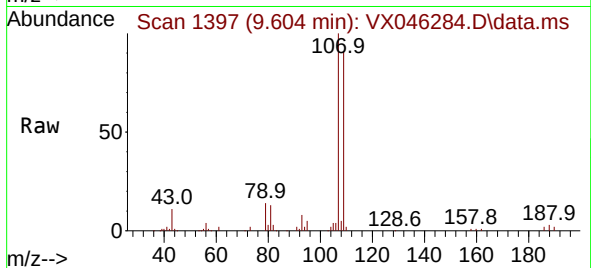
#61
1,2-Dibromoethane
Concen: 50.413 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 5806
Ion Ratio Lower Upper
107 100
109 95.9 73.3 109.9

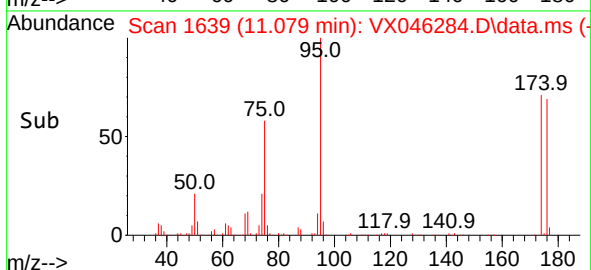
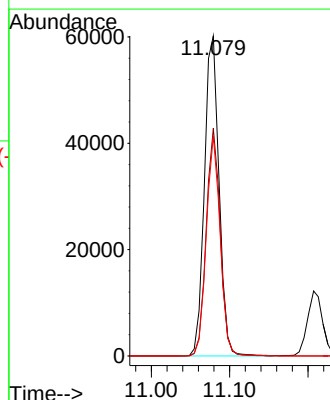
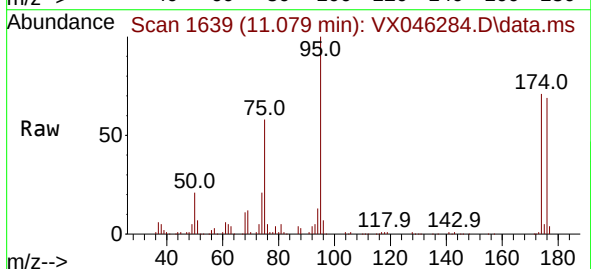
Manual Integrations
APPROVED

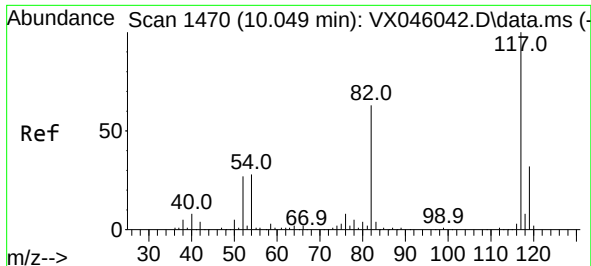
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#62
4-Bromofluorobenzene
Concen: 50.363 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

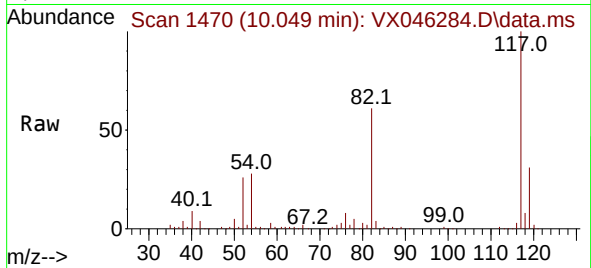
Tgt Ion: 95 Resp: 77871
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

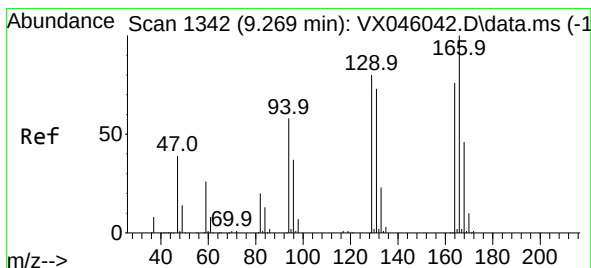
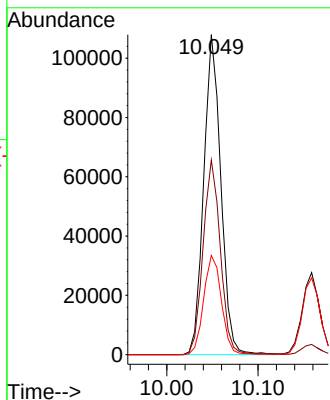
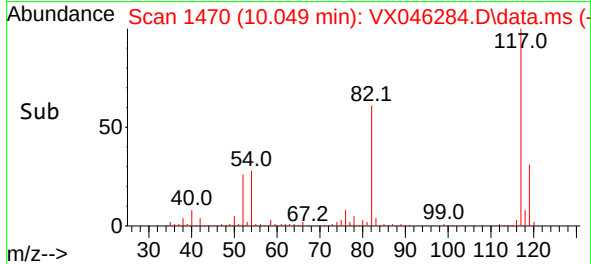
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 140449
Ion Ratio Lower Upper
117 100
82 60.9 50.6 76.0
119 31.0 25.8 38.6

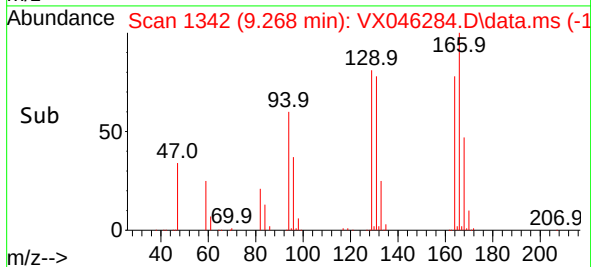
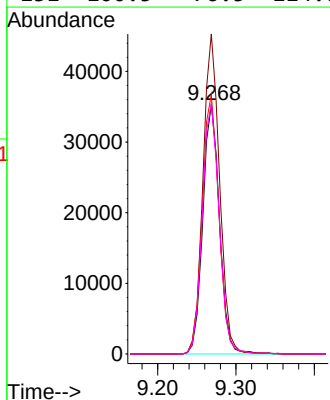
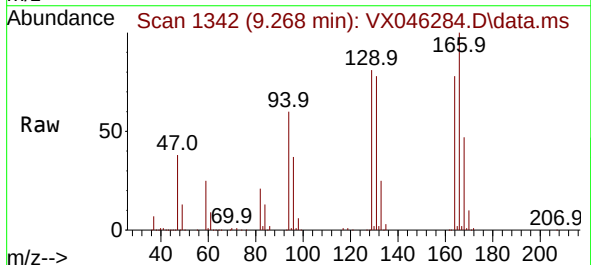
Manual Integrations
APPROVED

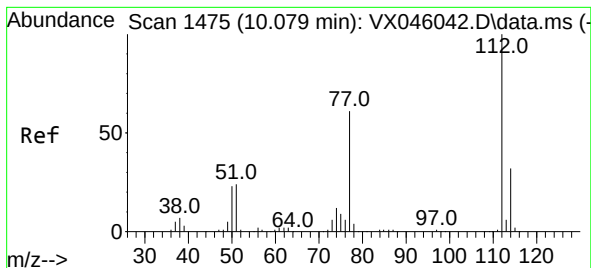
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#64
Tetrachloroethene
Concen: 52.359 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

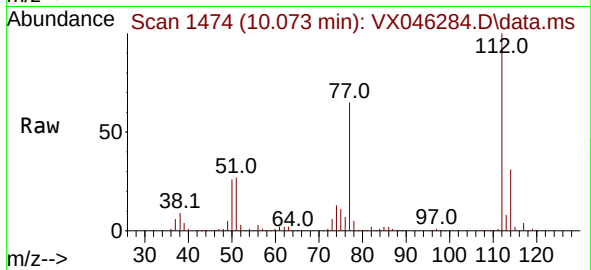
Tgt Ion:164 Resp: 52030
Ion Ratio Lower Upper
164 100
166 128.4 105.0 157.6
129 104.1 83.5 125.3
131 100.5 76.5 114.7





#65
Chlorobenzene
Concen: 49.440 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

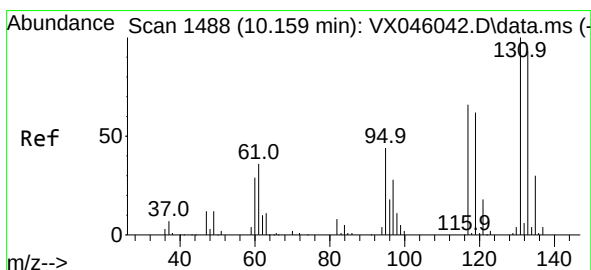
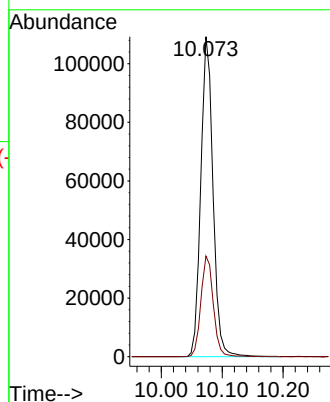
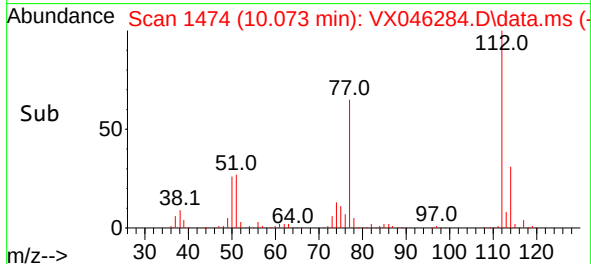
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 151979
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

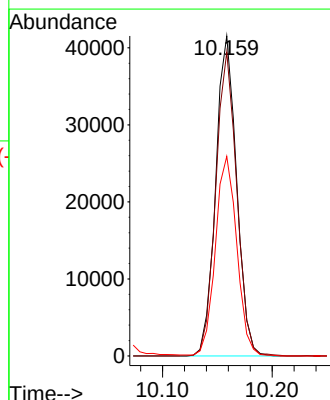
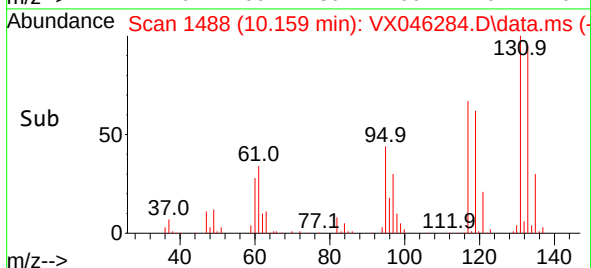
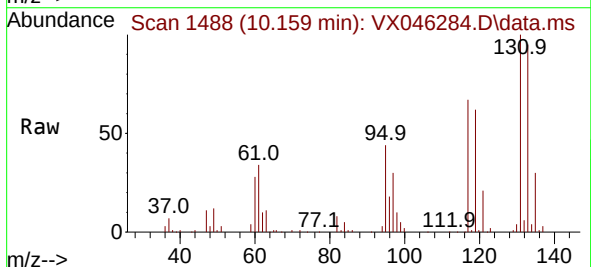
Manual Integrations
APPROVED

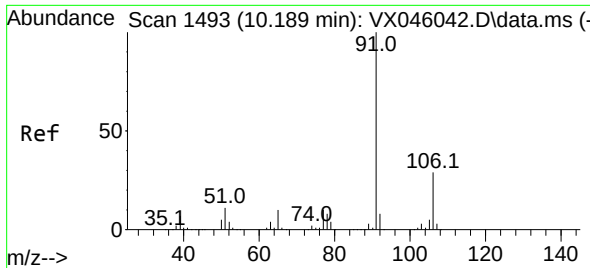
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.376 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

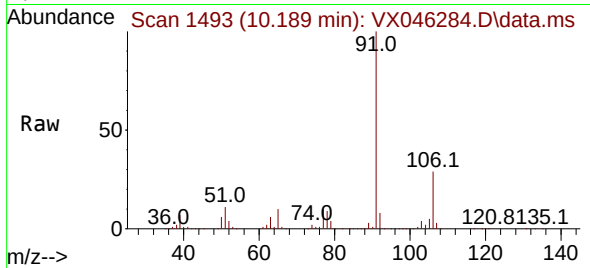
Tgt Ion:131 Resp: 54978
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 64.1 31.6 95.0





#67
Ethyl Benzene
Concen: 51.011 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

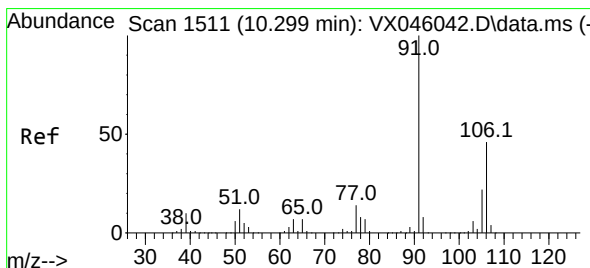
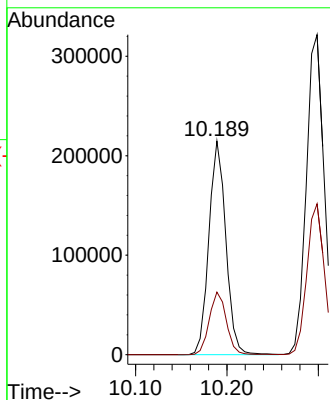
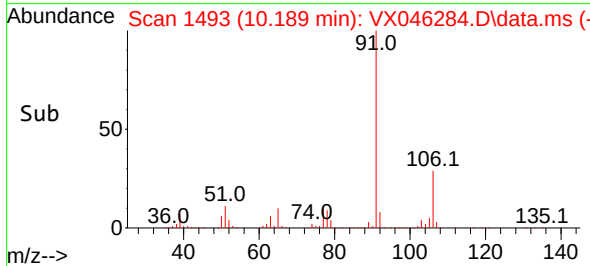
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



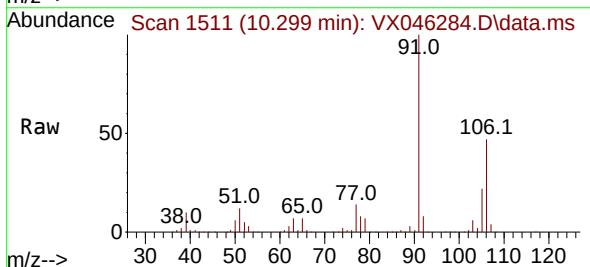
Tgt Ion: 91 Resp: 276408
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2

Manual Integrations
APPROVED

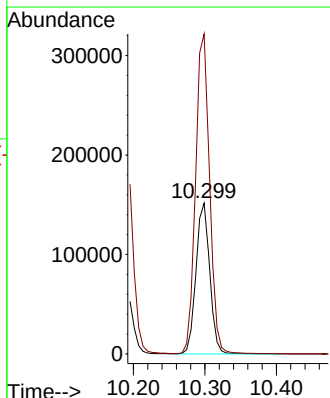
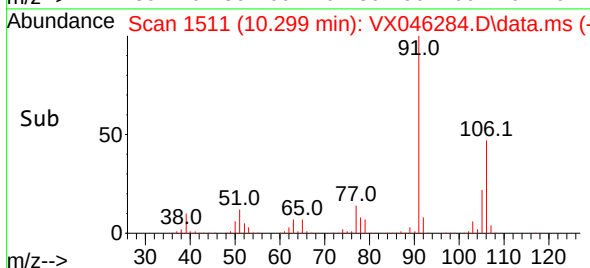
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

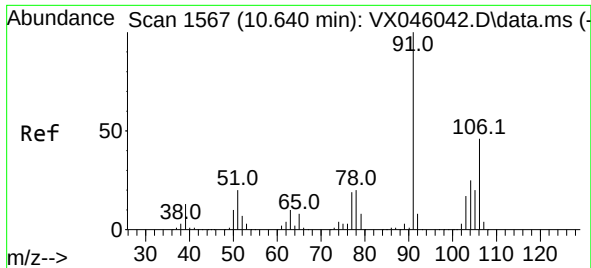


#68
m/p-Xylenes
Concen: 102.233 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



Tgt Ion:106 Resp: 202607
Ion Ratio Lower Upper
106 100
91 216.6 171.2 256.8





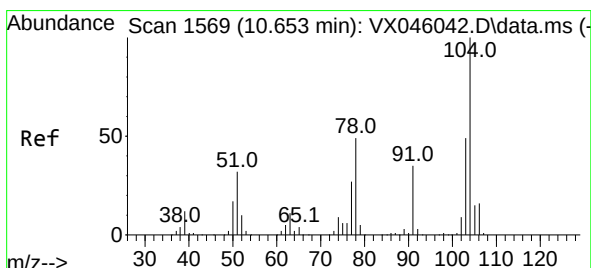
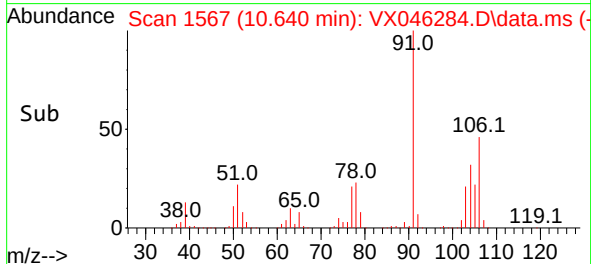
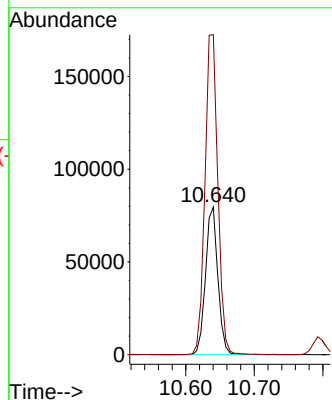
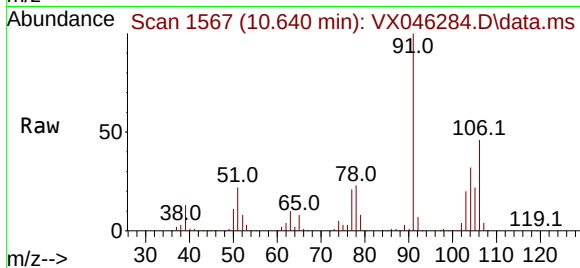
#69
o-Xylene
Concen: 51.746 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 99972
Ion Ratio Lower Upper
106 100
91 226.4 112.7 338.1

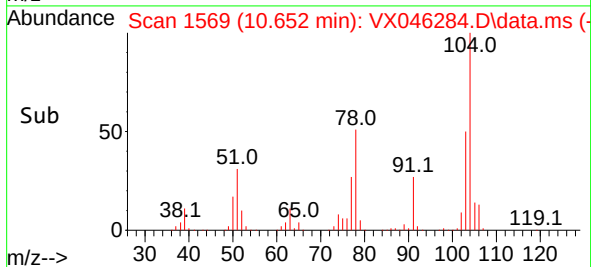
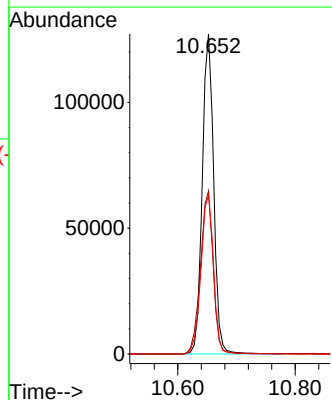
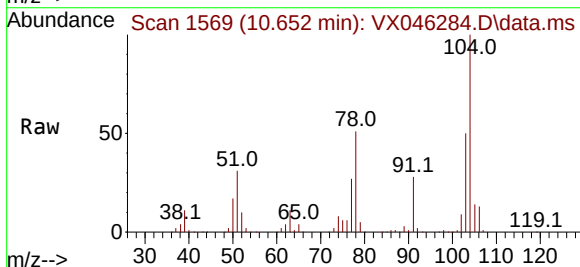
Manual Integrations
APPROVED

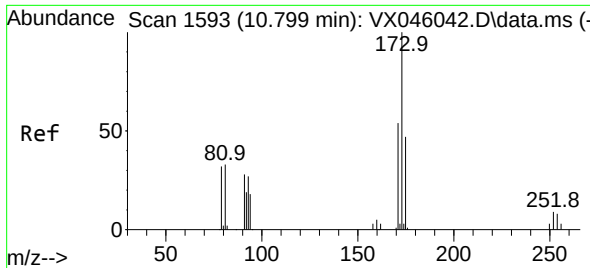
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#70
Styrene
Concen: 53.925 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

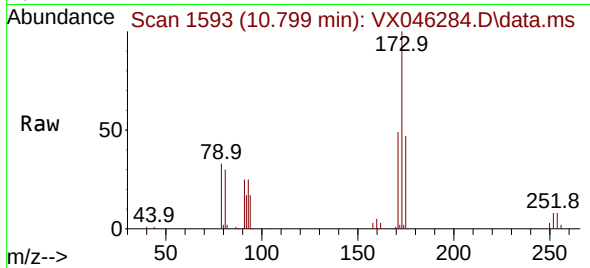
Tgt Ion:104 Resp: 170672
Ion Ratio Lower Upper
104 100
78 56.9 45.7 68.5
103 55.0 43.7 65.5





#71
Bromoform
Concen: 54.740 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

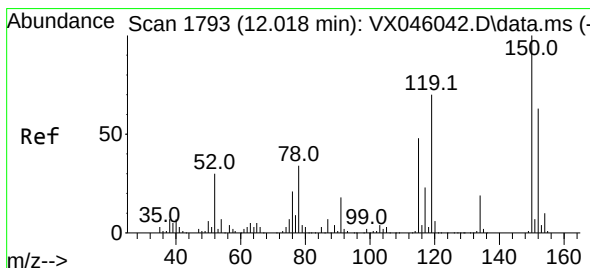
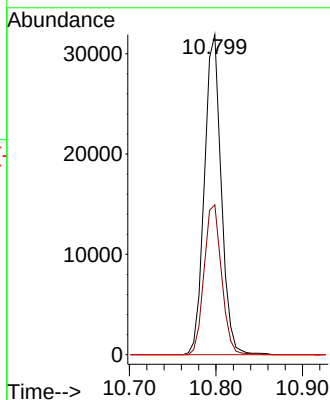
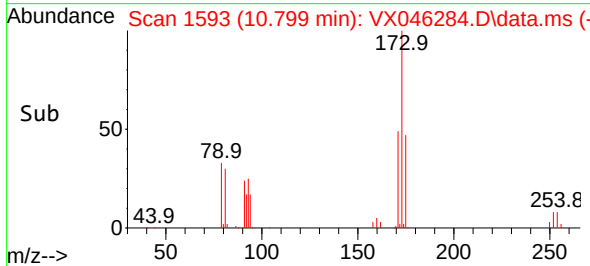
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



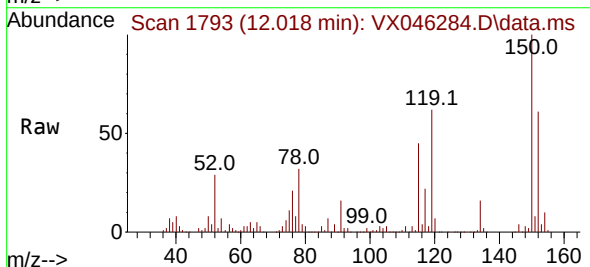
Tgt Ion:173 Resp: 43139
Ion Ratio Lower Upper
173 100
175 48.5 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
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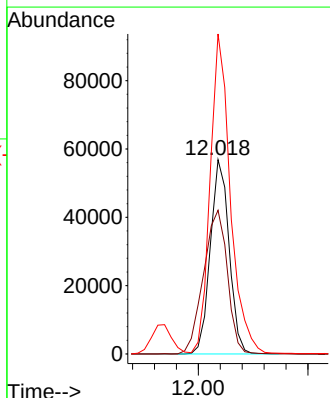
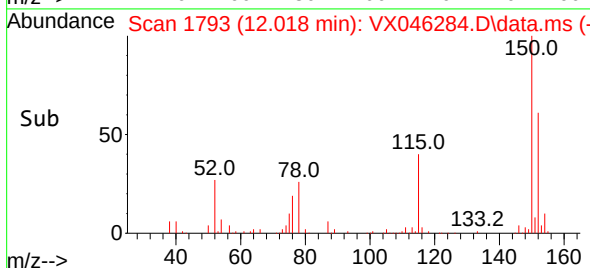
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

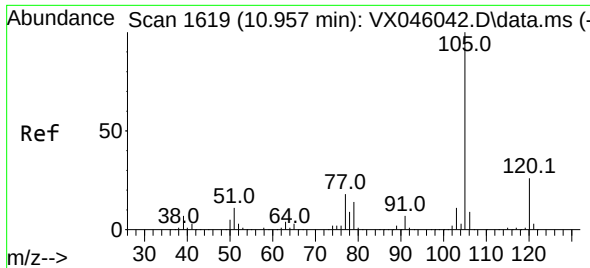


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



Tgt Ion:152 Resp: 67683
Ion Ratio Lower Upper
152 100
115 94.2 46.9 140.7
150 177.1 0.0 351.0





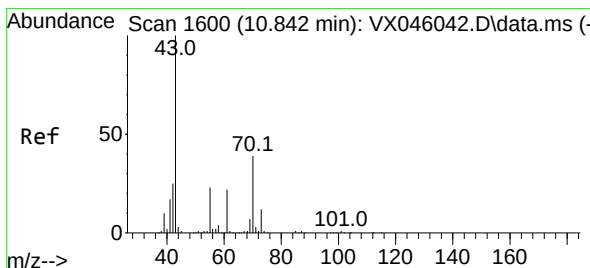
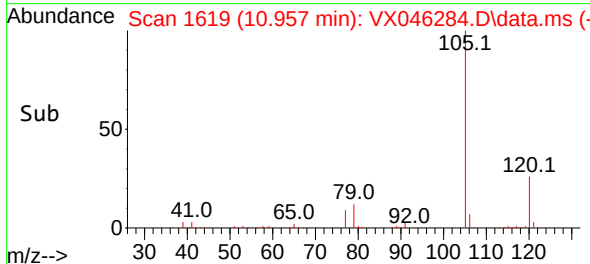
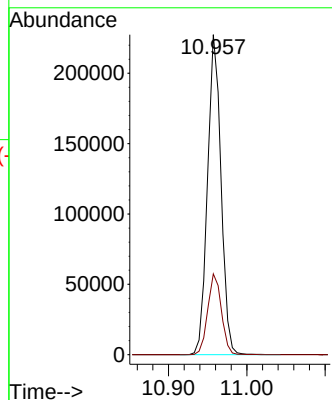
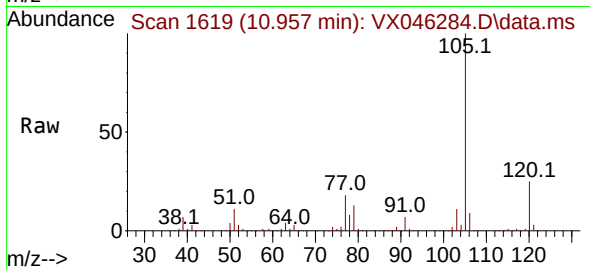
#73
Isopropylbenzene
Concen: 51.463 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 27117
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

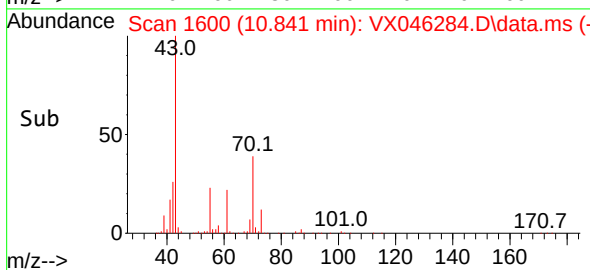
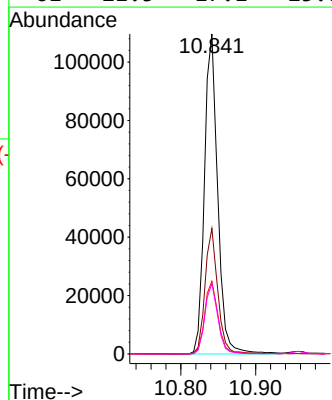
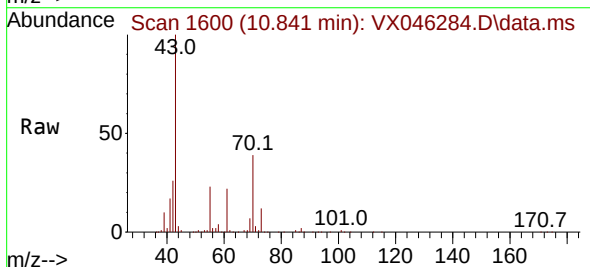
Manual Integrations
APPROVED

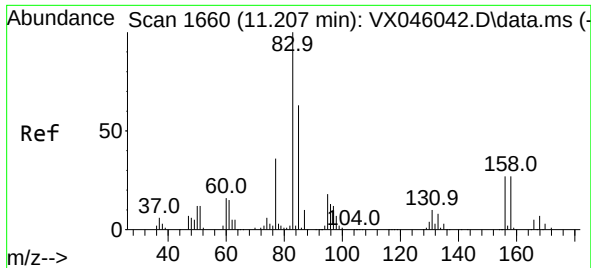
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#74
N-ethyl acetate
Concen: 51.743 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

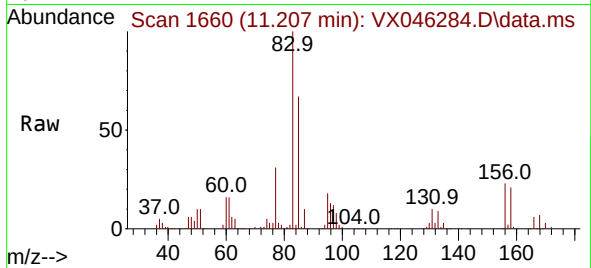
Tgt Ion: 43 Resp: 134729
Ion Ratio Lower Upper
43 100
70 37.7 30.9 46.3
55 23.3 18.7 28.1
61 21.5 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.625 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

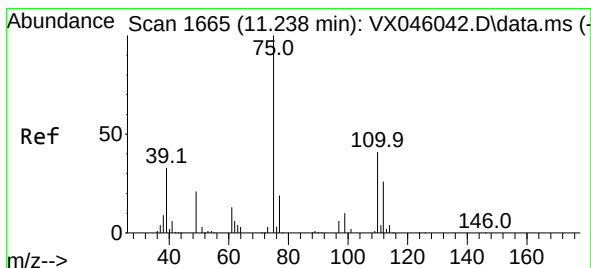
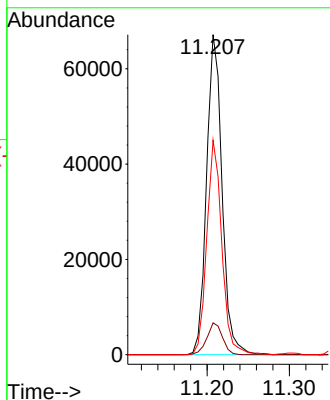
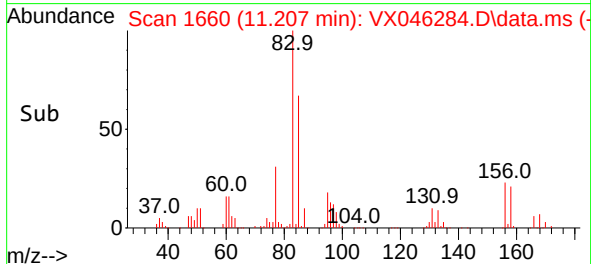
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 8794
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.9 31.9 95.7

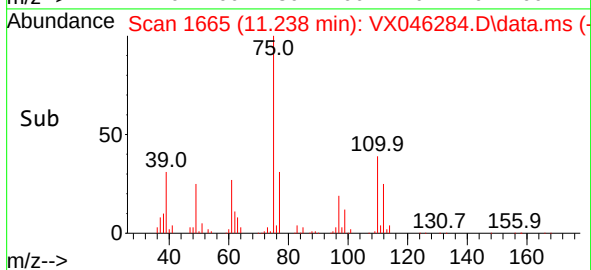
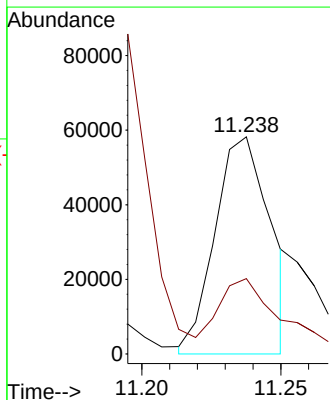
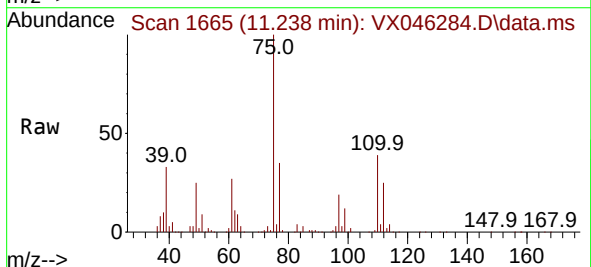
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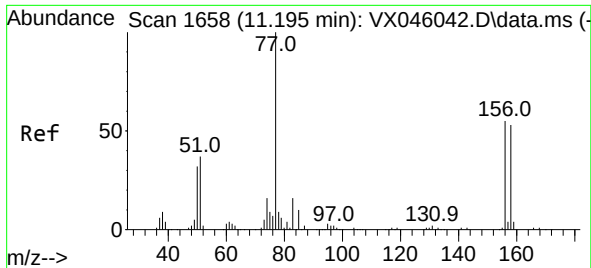
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#76
1,2,3-Trichloropropane
Concen: 49.455 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 75 Resp: 80571
Ion Ratio Lower Upper
75 100
77 40.4 20.5 61.5





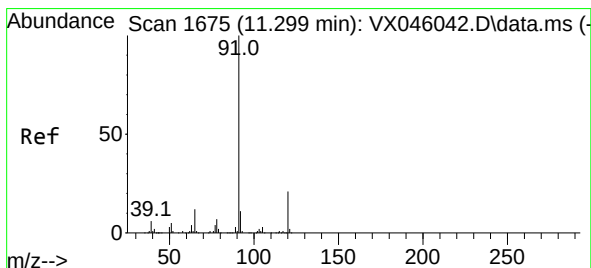
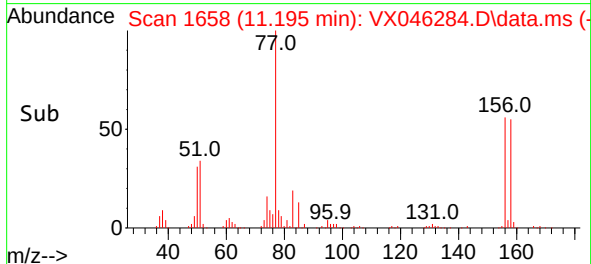
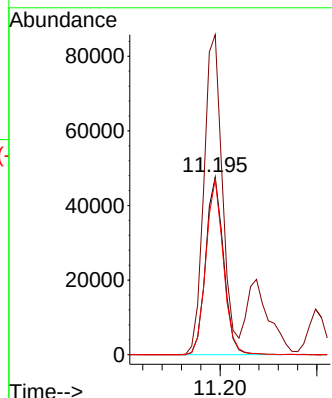
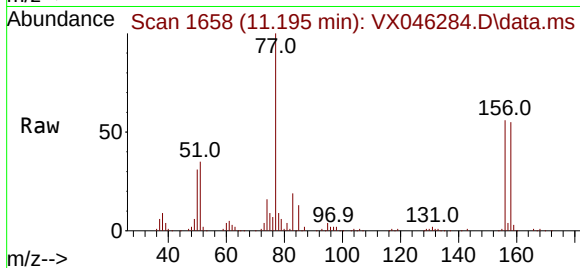
#77
Bromobenzene
Concen: 49.799 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 6092
Ion Ratio Lower Upper
156 100
77 186.6 92.8 278.3
158 97.2 48.8 146.3

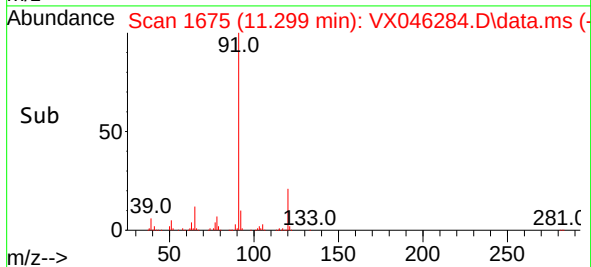
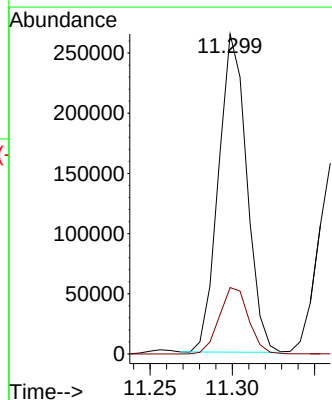
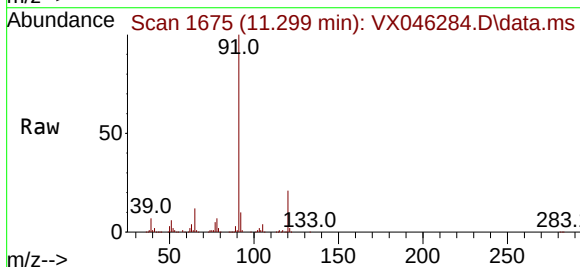
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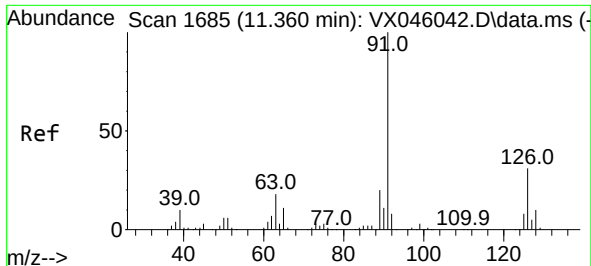
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#78
n-propylbenzene
Concen: 51.595 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 91 Resp: 316117
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





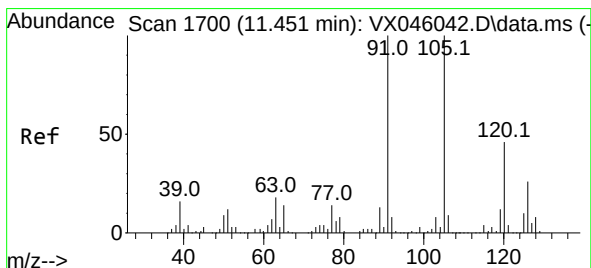
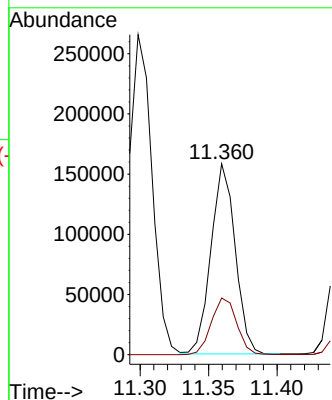
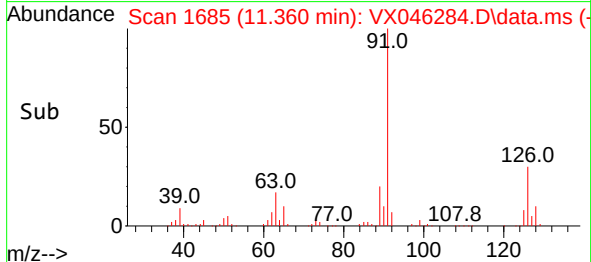
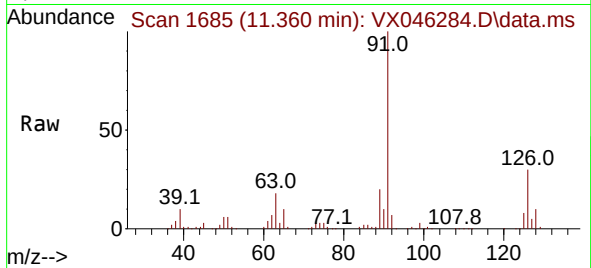
#79
2-Chlorotoluene
Concen: 49.086 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 19398
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.7

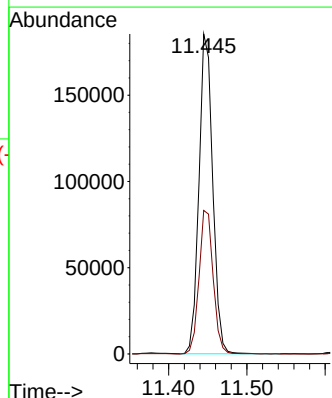
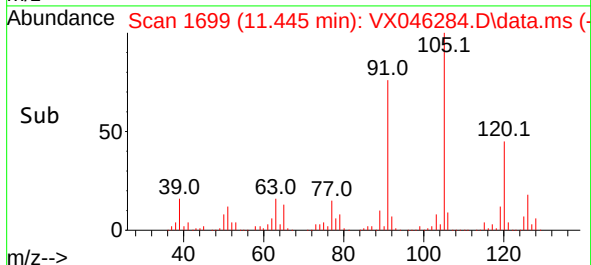
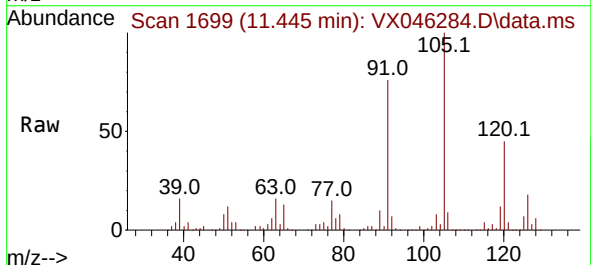
Manual Integrations
APPROVED

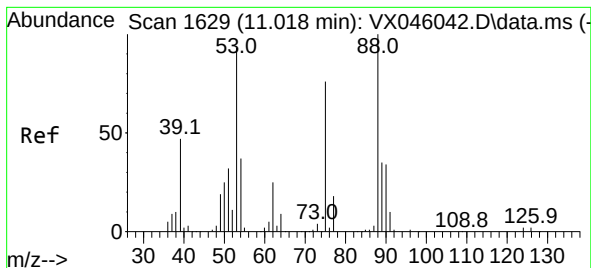
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.421 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

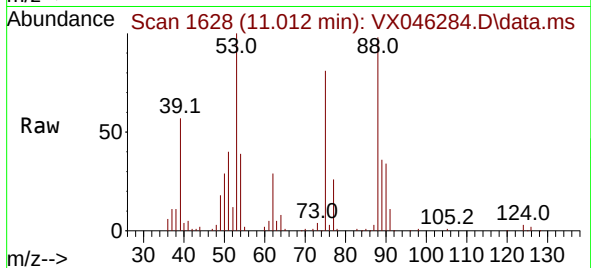
Tgt Ion:105 Resp: 226364
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.175 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

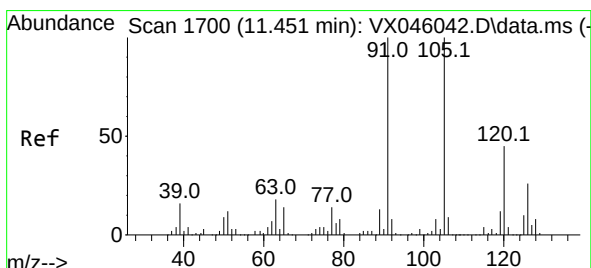
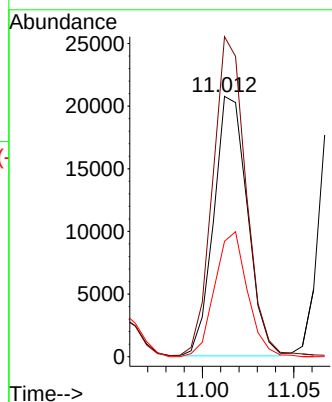
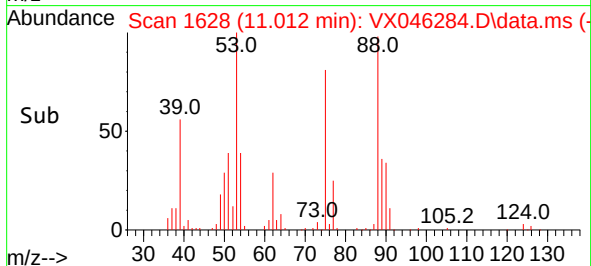
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 26609
Ion Ratio Lower Upper
75 100
53 122.6 100.5 150.7
89 46.7 37.0 55.6

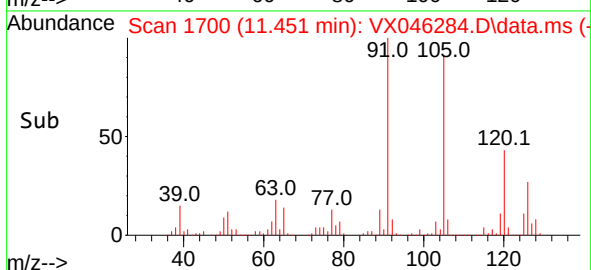
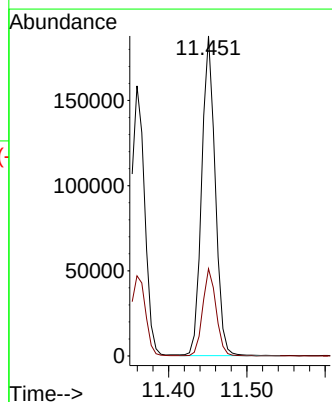
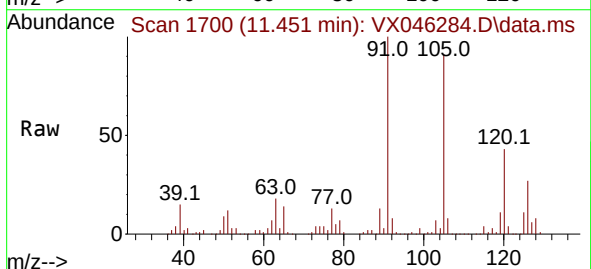
Manual Integrations
APPROVED

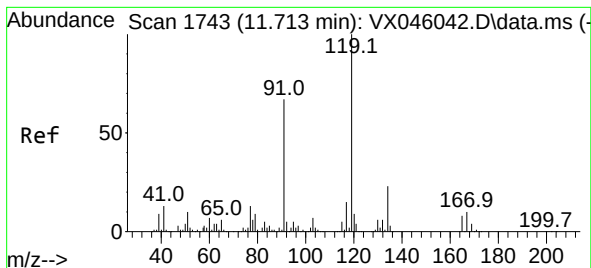
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#82
4-Chlorotoluene
Concen: 51.369 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

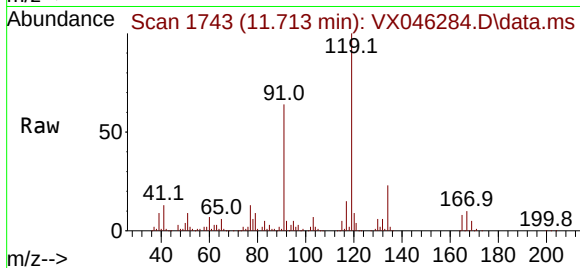
Tgt Ion: 91 Resp: 225123
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.8





#83
tert-Butylbenzene
Concen: 50.408 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

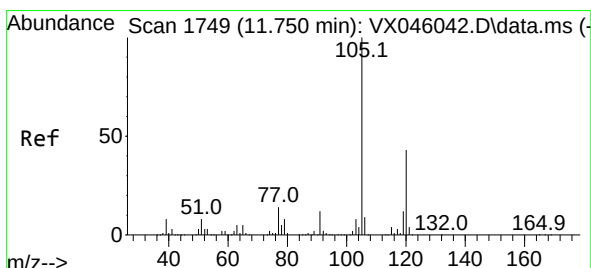
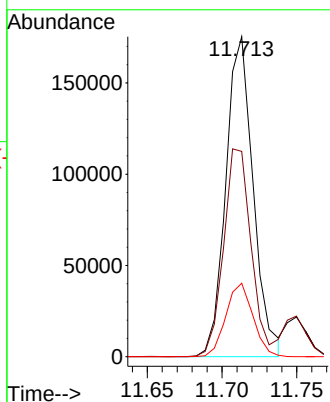
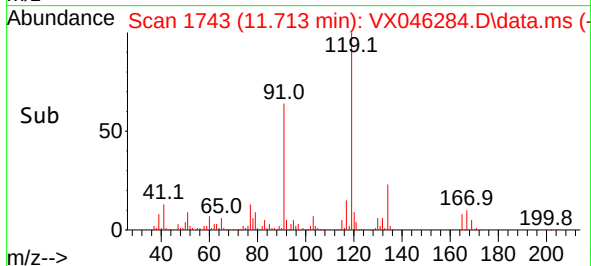
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



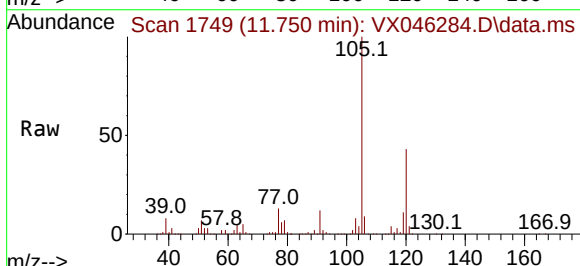
Tgt Ion:119 Resp: 22352
Ion Ratio Lower Upper
119 100
91 64.9 32.9 98.7
134 22.7 11.4 34.1

Manual Integrations
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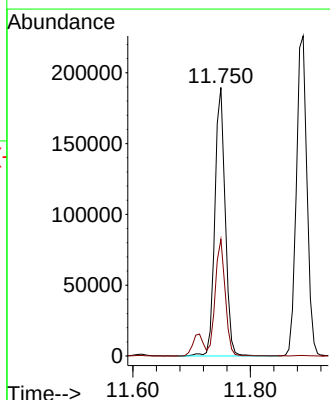
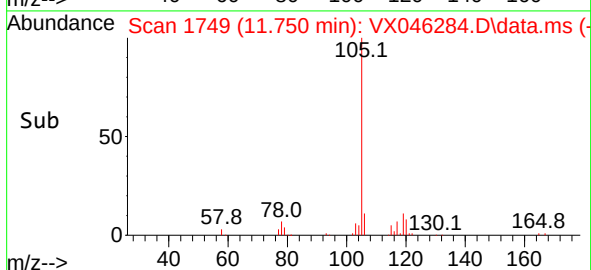
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

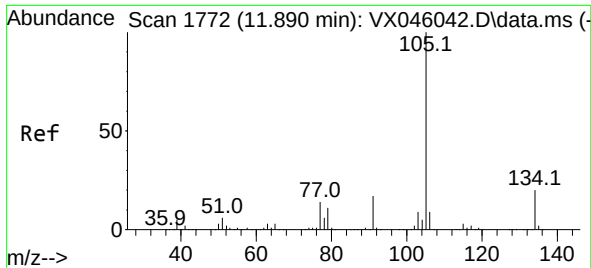


#84
1,2,4-Trimethylbenzene
Concen: 51.885 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



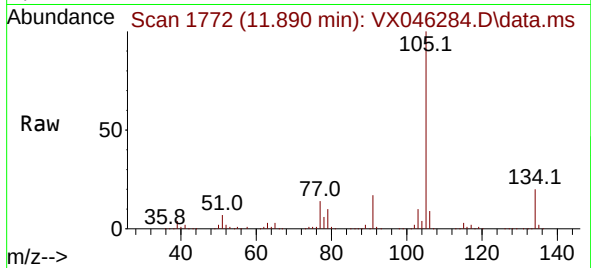
Tgt Ion:105 Resp: 231302
Ion Ratio Lower Upper
105 100
120 42.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.129 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55

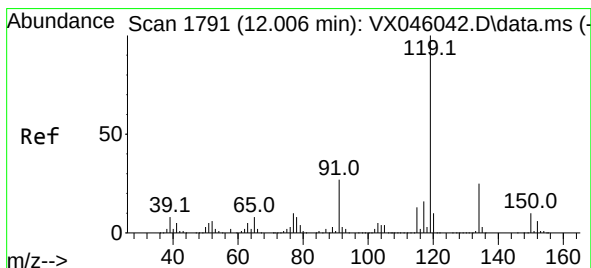
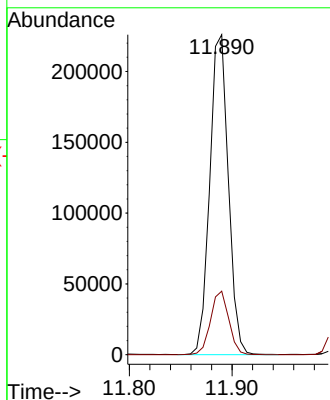
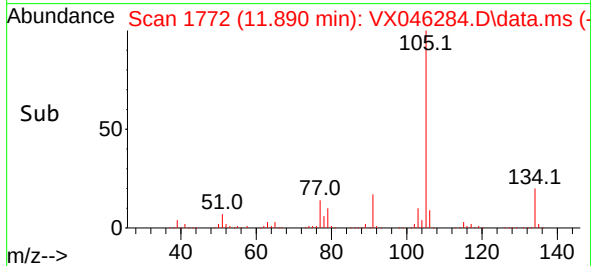
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



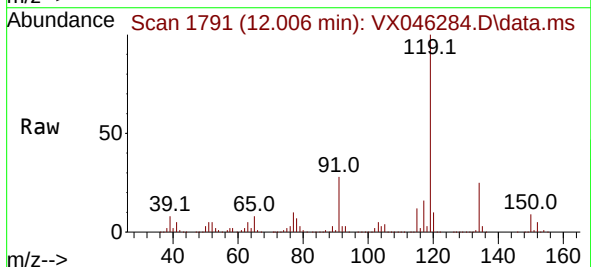
Tgt Ion:105 Resp: 28381
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

Manual Integrations
 APPROVED

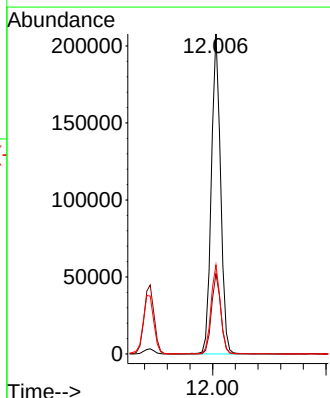
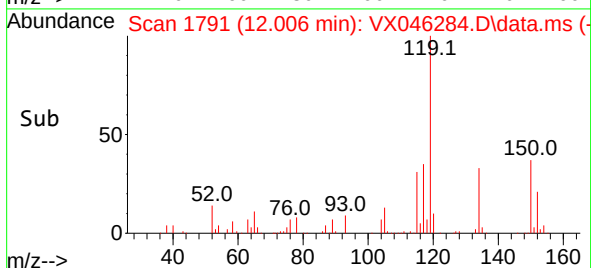
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

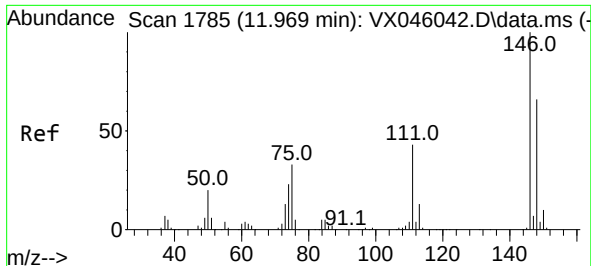


#86
 p-Isopropyltoluene
 Concen: 52.222 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55



Tgt Ion:119 Resp: 234688
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 27.8 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 50.537 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 112832

Ion Ratio Lower Upper

146 100

111 45.1 22.1 66.3

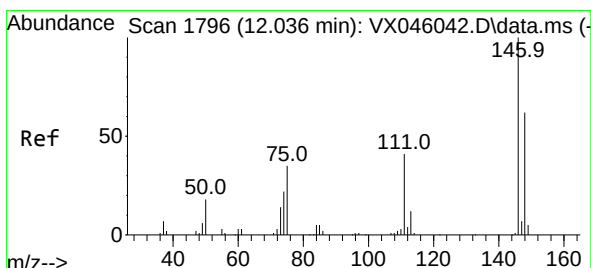
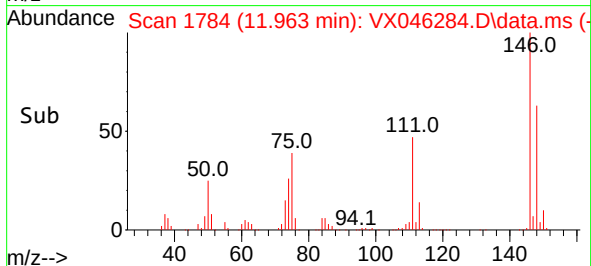
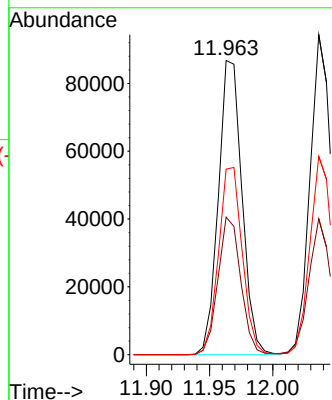
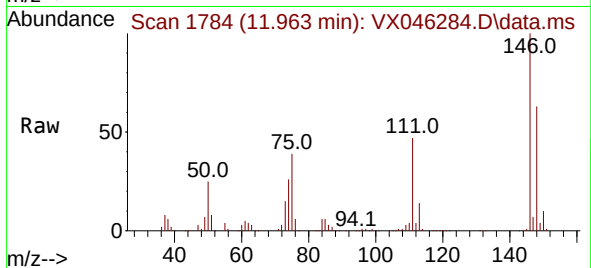
148 63.8 32.1 96.5

Manual Integrations

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Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#88

1,4-Dichlorobenzene

Concen: 49.713 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

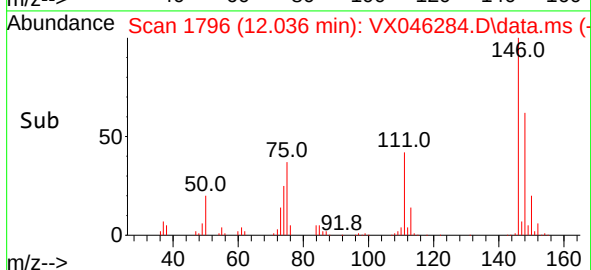
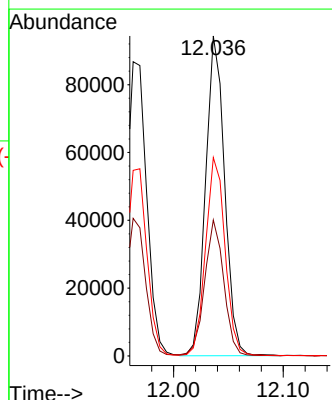
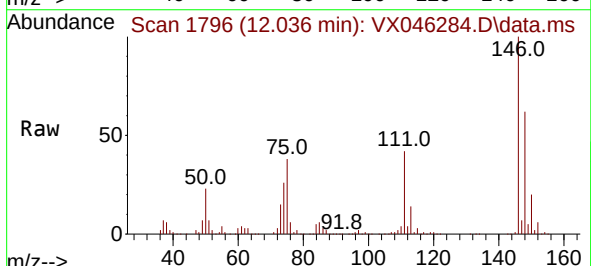
Tgt Ion:146 Resp: 113352

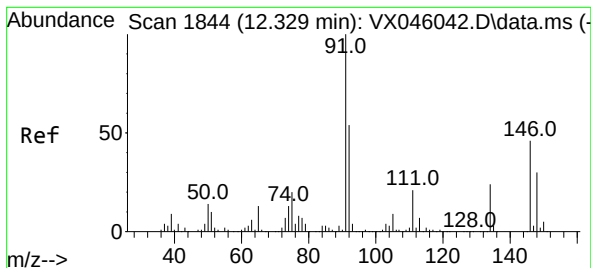
Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.9

148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 53.818 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 21215

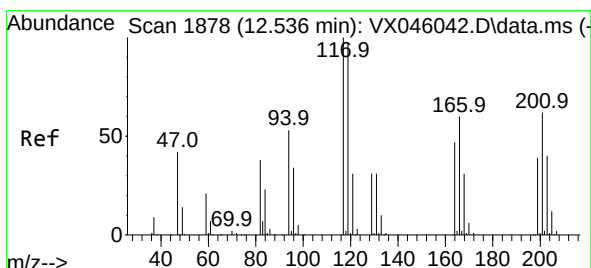
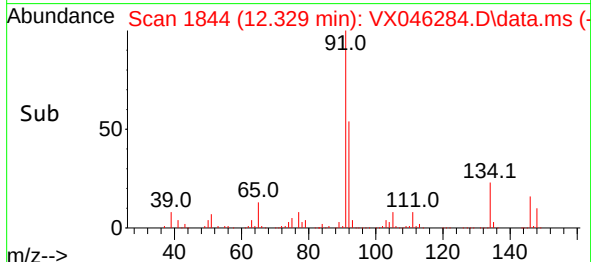
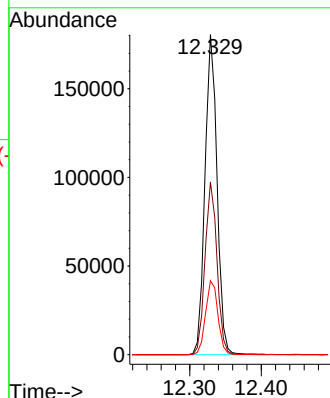
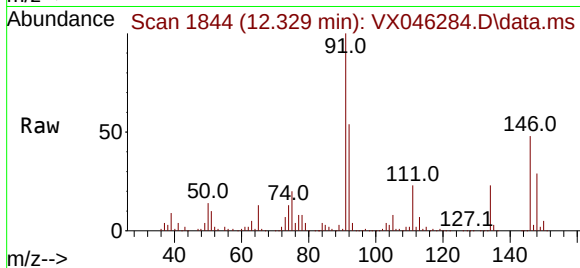
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.7
134	23.7	11.8	35.3

Manual Integrations

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Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#90

Hexachloroethane

Concen: 52.527 ug/l

RT: 12.536 min Scan# 1878

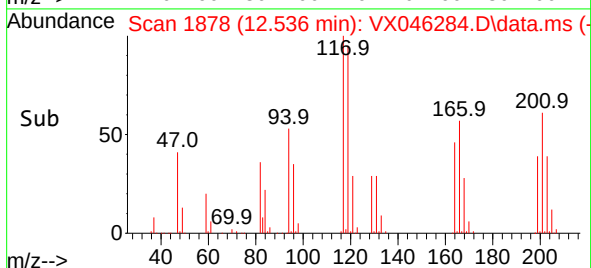
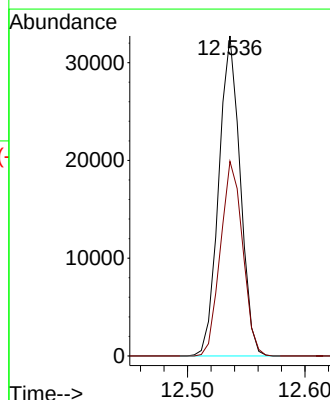
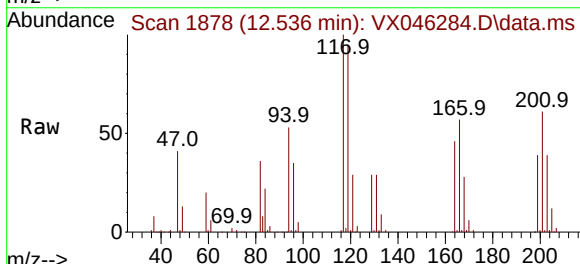
Delta R.T. -0.000 min

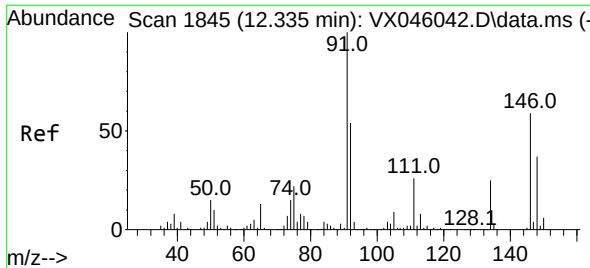
Lab File: VX046284.D

Acq: 21 May 2025 09:55

Tgt Ion:117 Resp: 41588

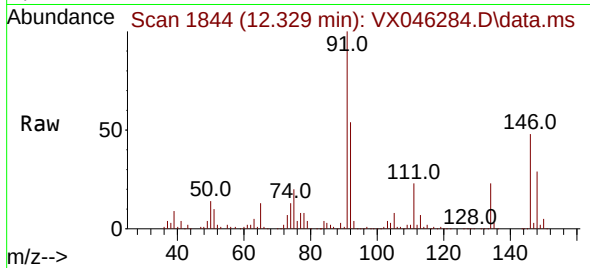
Ion	Ratio	Lower	Upper
117	100		
201	63.0	31.6	94.7





#91
1,2-Dichlorobenzene
Concen: 51.087 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

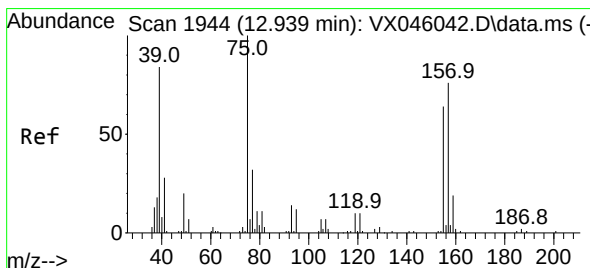
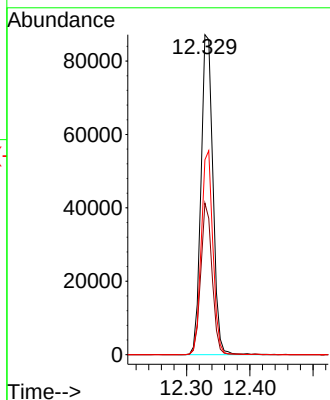
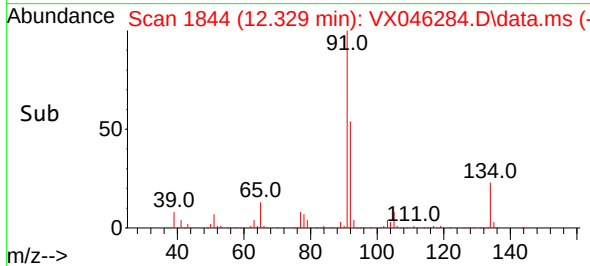
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 114450
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.3
148 62.2 31.6 94.8

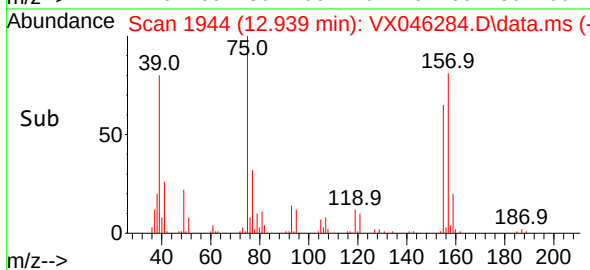
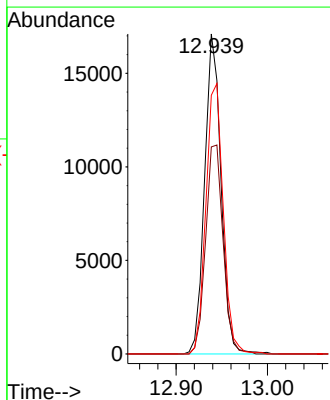
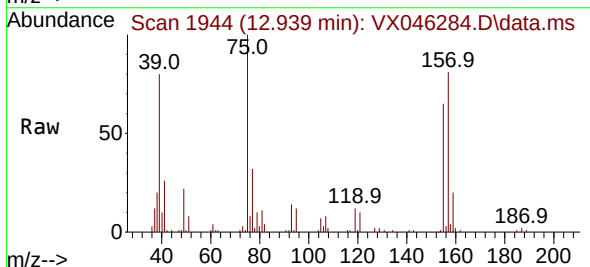
Manual Integrations
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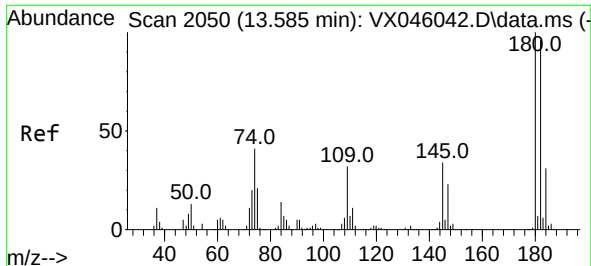
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.001 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

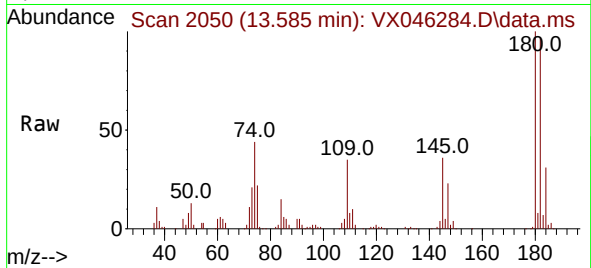
Tgt Ion: 75 Resp: 21272
Ion Ratio Lower Upper
75 100
155 69.5 34.9 104.8
157 89.3 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 51.375 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

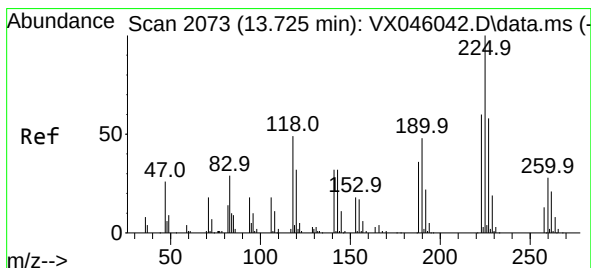
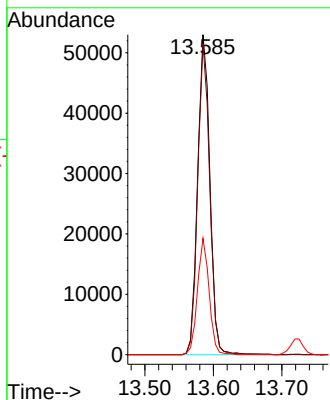
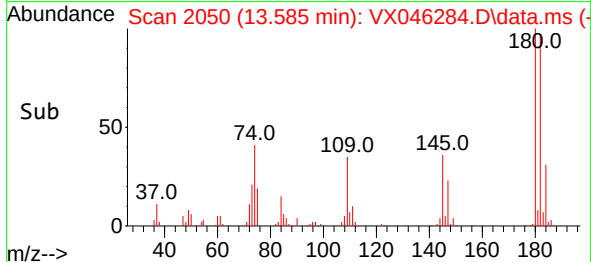
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



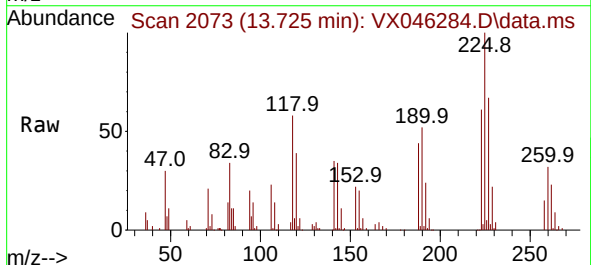
Tgt Ion:180 Resp: 66110
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.8
145 34.6 17.1 51.2

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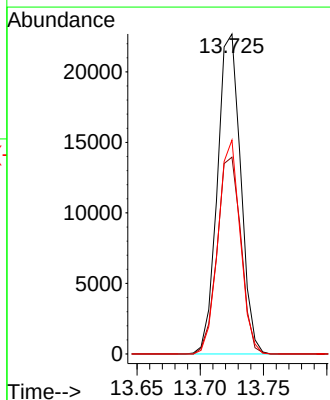
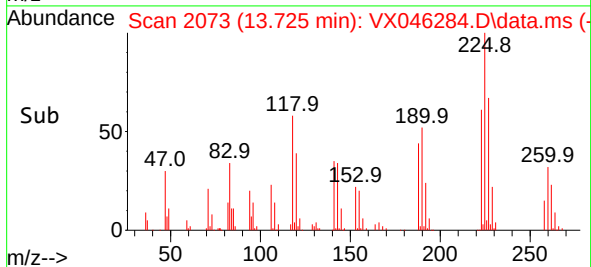
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

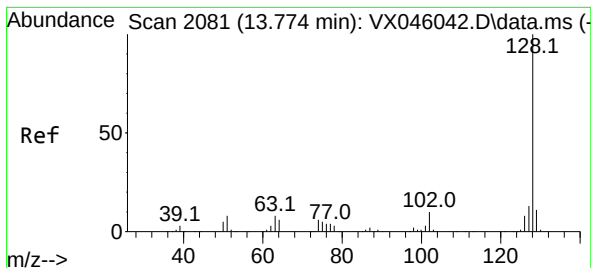


#94
Hexachlorobutadiene
Concen: 51.510 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



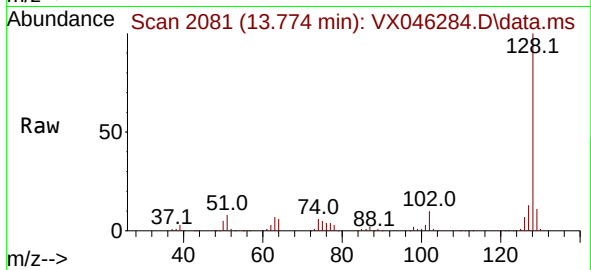
Tgt Ion:225 Resp: 28949
Ion Ratio Lower Upper
225 100
223 62.8 30.8 92.4
227 63.5 30.9 92.7





#95
Naphthalene
Concen: 49.502 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

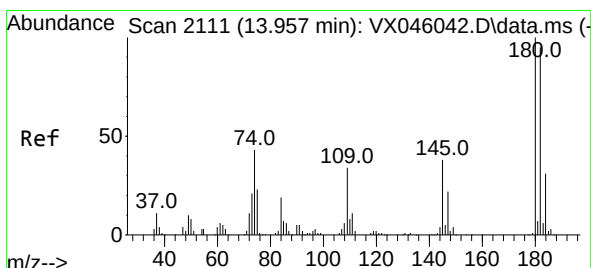
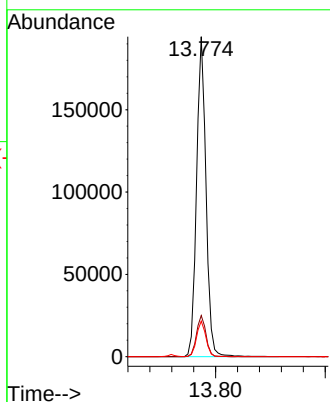
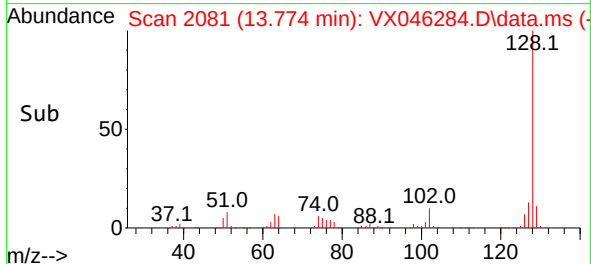
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



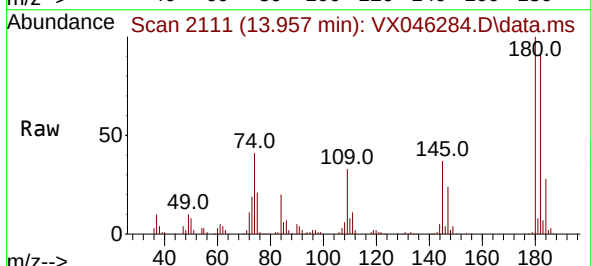
Tgt Ion:128 Resp: 233630
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.6 13.0

Manual Integrations
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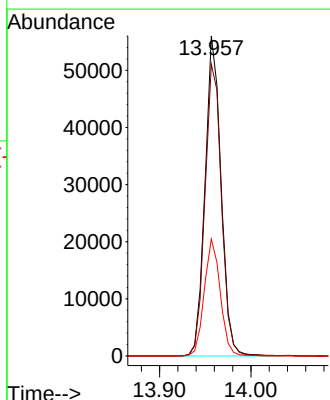
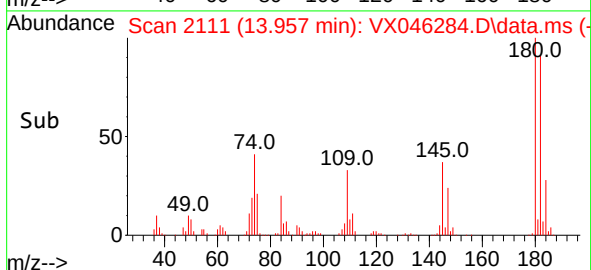
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.272 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



Tgt Ion:180 Resp: 68077
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.3
145 36.4 18.1 54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046284.D
 Acq On : 21 May 2025 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 01:44:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	98	0.00
2 T	Dichlorodifluoromethane	0.765	0.775	-1.3	88	0.00
3 P	Chloromethane	0.742	0.718	3.2	91	0.00
4 C	Vinyl Chloride	0.691	0.658	4.8#	91	0.00
5 T	Bromomethane	0.320	0.295	7.8	89	0.00
6 T	Chloroethane	0.369	0.376	-1.9	97	0.00
7 T	Trichlorofluoromethane	1.021	1.037	-1.6	95	0.00
8 T	Diethyl Ether	0.347	0.339	2.3	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.632	0.636	-0.6	97	0.00
10 T	Methyl Iodide	0.747	0.700	6.3	85	0.00
11 T	Tert butyl alcohol	0.131	0.127	3.1	97	0.00
12 CM	1,1-Dichloroethene	0.593	0.565	4.7#	92	0.00
13 T	Acrolein	0.149	0.191	-28.2#	123	0.00
14 T	Allyl chloride	1.133	1.169	-3.2	97	0.00
15 T	Acrylonitrile	0.374	0.382	-2.1	96	0.00
16 T	Acetone	0.374	0.385	-2.9	104	0.00
17 T	Carbon Disulfide	1.406	1.268	9.8	85	0.00
18 T	Methyl Acetate	0.867	1.025	-18.2	118	0.00
19 T	Methyl tert-butyl Ether	2.079	2.141	-3.0	97	0.00
20 T	Methylene Chloride	0.716	0.669	6.6	96	0.00
21 T	trans-1,2-Dichloroethene	0.596	0.569	4.5	91	0.00
22 T	Diisopropyl ether	2.189	2.268	-3.6	97	0.00
23 T	Vinyl Acetate	1.925	1.957	-1.7	94	0.00
24 P	1,1-Dichloroethane	1.219	1.239	-1.6	96	0.00
25 T	2-Butanone	0.543	0.551	-1.5	97	0.00
26 T	2,2-Dichloropropane	0.954	1.003	-5.1	103	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.707	1.5	94	0.00
28 T	Bromochloromethane	0.587	0.554	5.6	94	-0.01
29 T	Tetrahydrofuran	0.340	0.341	-0.3	95	0.00
30 C	Chloroform	1.271	1.290	-1.5#	97	0.00
31 T	Cyclohexane	1.111	1.034	6.9	90	0.00
32 T	1,1,1-Trichloroethane	1.101	1.116	-1.4	97	0.00
33 S	1,2-Dichloroethane-d4	0.932	0.913	2.0	98	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.360	0.371	-3.1	101	0.00
36 T	1,1-Dichloropropene	0.484	0.472	2.5	92	0.00
37 T	Ethyl Acetate	0.598	0.600	-0.3	95	-0.01
38 T	Carbon Tetrachloride	0.544	0.553	-1.7	96	0.00
39 T	Methylcyclohexane	0.623	0.594	4.7	89	0.00
40 TM	Benzene	1.417	1.412	0.4	92	0.00
41 T	Methacrylonitrile	0.313	0.347	-10.9	97	0.00
42 TM	1,2-Dichloroethane	0.612	0.615	-0.5	94	0.00
43 T	Isopropyl Acetate	0.912	0.966	-5.9	97	0.00
44 TM	Trichloroethene	0.341	0.344	-0.9	93	0.00
45 C	1,2-Dichloropropane	0.352	0.366	-4.0#	95	0.00
46 T	Dibromomethane	0.278	0.281	-1.1	94	0.00
47 T	Bromodichloromethane	0.547	0.585	-6.9	98	0.00
48 T	Methyl methacrylate	0.466	0.505	-8.4	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046284.D
 Acq On : 21 May 2025 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 01:44:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	0.009	0.0	92	0.00
50 S	Toluene-d8	1.246	1.223	1.8	96	0.00
51 T	4-Methyl-2-Pentanone	0.605	0.637	-5.3	97	0.00
52 CM	Toluene	0.869	0.857	1.4#	92	0.00
53 T	t-1,3-Dichloropropene	0.487	0.530	-8.8	97	0.00
54 T	cis-1,3-Dichloropropene	0.538	0.582	-8.2	97	0.00
55 T	1,1,2-Trichloroethane	0.343	0.354	-3.2	96	0.00
56 T	Ethyl methacrylate	0.546	0.586	-7.3	95	0.00
57 T	1,3-Dichloropropane	0.615	0.612	0.5	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.278	0.305	-9.7	96	0.00
59 T	2-Hexanone	0.448	0.473	-5.6	96	0.00
60 T	Dibromochloromethane	0.376	0.414	-10.1	100	0.00
61 T	1,2-Dibromoethane	0.356	0.359	-0.8	93	0.00
62 S	4-Bromofluorobenzene	0.478	0.481	-0.6	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.354	0.370	-4.5	95	0.00
65 PM	Chlorobenzene	1.094	1.082	1.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.391	-4.5	96	0.00
67 C	Ethyl Benzene	1.929	1.968	-2.0#	93	0.00
68 T	m/p-Xylenes	0.706	0.721	-2.1	94	0.00
69 T	o-Xylene	0.688	0.712	-3.5	94	0.00
70 T	Styrene	1.127	1.215	-7.8	96	0.00
71 P	Bromoform	0.281	0.307	-9.3	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.893	4.007	-2.9	97	0.00
74 T	N-amyl acetate	1.924	1.991	-3.5	96	0.00
75 P	1,1,2,2-Tetrachloroethane	1.364	1.299	4.8	97	0.00
76 T	1,2,3-Trichloropropane	1.204	1.190	1.2	100	0.00
77 T	Bromobenzene	0.904	0.900	0.4	97	0.00
78 T	n-propylbenzene	4.526	4.671	-3.2	96	0.00
79 T	2-Chlorotoluene	2.919	2.866	1.8	95	0.00
80 T	1,3,5-Trimethylbenzene	3.252	3.344	-2.8	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.370	0.393	-6.2	102	0.00
82 T	4-Chlorotoluene	3.238	3.326	-2.7	97	0.00
83 T	tert-Butylbenzene	3.276	3.302	-0.8	96	0.00
84 T	1,2,4-Trimethylbenzene	3.293	3.417	-3.8	97	0.00
85 T	sec-Butylbenzene	4.022	4.193	-4.3	98	0.00
86 T	p-Isopropyltoluene	3.320	3.467	-4.4	97	0.00
87 T	1,3-Dichlorobenzene	1.649	1.667	-1.1	98	0.00
88 T	1,4-Dichlorobenzene	1.684	1.675	0.5	98	0.00
89 T	n-Butylbenzene	2.912	3.134	-7.6	99	0.00
90 T	Hexachloroethane	0.585	0.614	-5.0	98	0.00
91 T	1,2-Dichlorobenzene	1.655	1.691	-2.2	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.302	0.314	-4.0	97	0.00
93 T	1,2,4-Trichlorobenzene	0.951	0.977	-2.7	99	0.00
94 T	Hexachlorobutadiene	0.415	0.428	-3.1	100	0.00
95 T	Naphthalene	3.487	3.452	1.0	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046284.D
Acq On : 21 May 2025 09:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 22 01:44:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	0.981	1.006	-2.5	98	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046284.D
 Acq On : 21 May 2025 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 01:44:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	50.666	-1.3	88	0.00
3 P	Chloromethane	50.000	48.364	3.3	91	0.00
4 C	Vinyl Chloride	50.000	47.612	4.8#	91	0.00
5 T	Bromomethane	50.000	46.032	7.9	89	0.00
6 T	Chloroethane	50.000	50.964	-1.9	97	0.00
7 T	Trichlorofluoromethane	50.000	50.803	-1.6	95	0.00
8 T	Diethyl Ether	50.000	48.764	2.5	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.314	-0.6	97	0.00
10 T	Methyl Iodide	50.000	46.821	6.4	85	0.00
11 T	Tert butyl alcohol	250.000	242.803	2.9	97	0.00
12 CM	1,1-Dichloroethene	50.000	47.678	4.6#	92	0.00
13 T	Acrolein	250.000	321.031	-28.4#	123	0.00
14 T	Allyl chloride	50.000	51.600	-3.2	97	0.00
15 T	Acrylonitrile	250.000	255.100	-2.0	96	0.00
16 T	Acetone	250.000	257.477	-3.0	104	0.00
17 T	Carbon Disulfide	50.000	45.096	9.8	85	0.00
18 T	Methyl Acetate	50.000	59.105	-18.2	118	0.00
19 T	Methyl tert-butyl Ether	50.000	51.499	-3.0	97	0.00
20 T	Methylene Chloride	50.000	46.691	6.6	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.714	4.6	91	0.00
22 T	Diisopropyl ether	50.000	51.803	-3.6	97	0.00
23 T	Vinyl Acetate	250.000	254.084	-1.6	94	0.00
24 P	1,1-Dichloroethane	50.000	50.800	-1.6	96	0.00
25 T	2-Butanone	250.000	254.074	-1.6	97	0.00
26 T	2,2-Dichloropropane	50.000	52.543	-5.1	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.246	1.5	94	0.00
28 T	Bromochloromethane	50.000	47.215	5.6	94	-0.01
29 T	Tetrahydrofuran	250.000	250.853	-0.3	95	0.00
30 C	Chloroform	50.000	50.762	-1.5#	97	0.00
31 T	Cyclohexane	50.000	46.552	6.9	90	0.00
32 T	1,1,1-Trichloroethane	50.000	50.660	-1.3	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.949	2.1	98	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	51.518	-3.0	101	0.00
36 T	1,1-Dichloropropene	50.000	48.791	2.4	92	0.00
37 T	Ethyl Acetate	50.000	50.197	-0.4	95	-0.01
38 T	Carbon Tetrachloride	50.000	50.907	-1.8	96	0.00
39 T	Methylcyclohexane	50.000	47.691	4.6	89	0.00
40 TM	Benzene	50.000	49.833	0.3	92	0.00
41 T	Methacrylonitrile	50.000	55.480	-11.0	97	0.00
42 TM	1,2-Dichloroethane	50.000	50.298	-0.6	94	0.00
43 T	Isopropyl Acetate	50.000	52.987	-6.0	97	0.00
44 TM	Trichloroethene	50.000	50.452	-0.9	93	0.00
45 C	1,2-Dichloropropane	50.000	51.990	-4.0#	95	0.00
46 T	Dibromomethane	50.000	50.531	-1.1	94	0.00
47 T	Bromodichloromethane	50.000	53.478	-7.0	98	0.00
48 T	Methyl methacrylate	50.000	54.212	-8.4	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046284.D
 Acq On : 21 May 2025 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 01:44:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	977.870	2.2	92	0.00
50 S	Toluene-d8	50.000	49.081	1.8	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.926	-5.2	97	0.00
52 CM	Toluene	50.000	49.311	1.4#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	54.425	-8.8	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.136	-8.3	97	0.00
55 T	1,1,2-Trichloroethane	50.000	51.730	-3.5	96	0.00
56 T	Ethyl methacrylate	50.000	53.634	-7.3	95	0.00
57 T	1,3-Dichloropropane	50.000	49.714	0.6	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.669	-9.5	96	0.00
59 T	2-Hexanone	250.000	263.910	-5.6	96	0.00
60 T	Dibromochloromethane	50.000	54.971	-9.9	100	0.00
61 T	1,2-Dibromoethane	50.000	50.413	-0.8	93	0.00
62 S	4-Bromofluorobenzene	50.000	50.363	-0.7	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	52.359	-4.7	95	0.00
65 PM	Chlorobenzene	50.000	49.440	1.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.376	-4.8	96	0.00
67 C	Ethyl Benzene	50.000	51.011	-2.0#	93	0.00
68 T	m/p-Xylenes	100.000	102.233	-2.2	94	0.00
69 T	o-Xylene	50.000	51.746	-3.5	94	0.00
70 T	Styrene	50.000	53.925	-7.8	96	0.00
71 P	Bromoform	50.000	54.740	-9.5	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	51.463	-2.9	97	0.00
74 T	N-ethyl acetate	50.000	51.743	-3.5	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.625	4.8	97	0.00
76 T	1,2,3-Trichloropropane	50.000	49.455	1.1	100	0.00
77 T	Bromobenzene	50.000	49.799	0.4	97	0.00
78 T	n-propylbenzene	50.000	51.595	-3.2	96	0.00
79 T	2-Chlorotoluene	50.000	49.086	1.8	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.421	-2.8	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.175	-6.3	102	0.00
82 T	4-Chlorotoluene	50.000	51.369	-2.7	97	0.00
83 T	tert-Butylbenzene	50.000	50.408	-0.8	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.885	-3.8	97	0.00
85 T	sec-Butylbenzene	50.000	52.129	-4.3	98	0.00
86 T	p-Isopropyltoluene	50.000	52.222	-4.4	97	0.00
87 T	1,3-Dichlorobenzene	50.000	50.537	-1.1	98	0.00
88 T	1,4-Dichlorobenzene	50.000	49.713	0.6	98	0.00
89 T	n-Butylbenzene	50.000	53.818	-7.6	99	0.00
90 T	Hexachloroethane	50.000	52.527	-5.1	98	0.00
91 T	1,2-Dichlorobenzene	50.000	51.087	-2.2	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.001	-4.0	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.375	-2.8	99	0.00
94 T	Hexachlorobutadiene	50.000	51.510	-3.0	100	0.00
95 T	Naphthalene	50.000	49.502	1.0	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046284.D
Acq On : 21 May 2025 09:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 22 01:44:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	51.272	-2.5	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.: Q2075 SAS No.: Q2075 SDG No.: Q2075

Instrument ID: MSVOA_X Calibration Date/Time: 05/23/2025 09:24

Lab File ID: VX046331.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.417	1.421		0.28	20
Toluene	0.869	0.878		1.04	20
Ethyl Benzene	1.929	1.985		2.9	20
m/p-Xylenes	0.706	0.719		1.84	20
o-Xylene	0.688	0.714		3.78	20
Isopropylbenzene	3.893	3.986		2.39	20
n-propylbenzene	4.526	4.678		3.36	20
1,3,5-Trimethylbenzene	3.252	3.374		3.75	20
tert-Butylbenzene	3.276	3.334		1.77	20
1,2,4-Trimethylbenzene	3.293	3.388		2.88	20
sec-Butylbenzene	4.022	4.204		4.53	20
p-Isopropyltoluene	3.320	3.484		4.94	20
n-Butylbenzene	2.912	3.156		8.38	20
1,2-Dichloroethane-d4	0.932	0.966		3.65	20
Dibromofluoromethane	0.360	0.384		6.67	20
Toluene-d8	1.246	1.307		4.9	20
4-Bromofluorobenzene	0.478	0.514		7.53	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\VX052325\
 Data File : VX046331.D
 Acq On : 23 May 2025 09:24
 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 :Semsettin Yesilyurt 05/26/2025
 Supervised By :Mahesh Dadoda 05/26/2025

Quant Time: May 23 22:55:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	89943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	86863	51.802	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.600%			
35) Dibromofluoromethane	5.379	113	59429	53.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.540%			
50) Toluene-d8	8.647	98	202439	52.423	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.840%			
62) 4-Bromofluorobenzene	11.079	95	79568	53.716	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64545	46.886	ug/l	97
3) Chloromethane	1.306	50	58836	44.072	ug/l	99
4) Vinyl Chloride	1.374	62	53273	42.877	ug/l	98
5) Bromomethane	1.599	94	25935	45.004	ug/l	95
6) Chloroethane	1.672	64	33980	51.230	ug/l	99
7) Trichlorofluoromethane	1.880	101	89339	48.653	ug/l	98
8) Diethyl Ether	2.130	74	30446	48.706	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	55612	48.939	ug/l	98
10) Methyl Iodide	2.447	142	61527	45.758	ug/l	99
11) Tert butyl alcohol	2.965	59	64532	274.166	ug/l	99
12) 1,1-Dichloroethene	2.312	96	49469	46.384	ug/l	97
13) Acrolein	2.233	56	71978	268.519	ug/l	98
14) Allyl chloride	2.660	41	105111	51.568	ug/l	97
15) Acrylonitrile	3.062	53	181852	270.194	ug/l	98
16) Acetone	2.379	43	176899	263.114	ug/l	100
17) Carbon Disulfide	2.507	76	105198	41.606	ug/l	99
18) Methyl Acetate	2.703	43	98895	63.388	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197614	52.851	ug/l	99
20) Methylene Chloride	2.782	84	59651	46.299	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	50409	47.000	ug/l	92
22) Diisopropyl ether	3.757	45	207508	52.704	ug/l	98
23) Vinyl Acetate	3.715	43	910937	263.054	ug/l	99
24) 1,1-Dichloroethane	3.605	63	111459	50.826	ug/l	99
25) 2-Butanone	4.550	43	266316	272.843	ug/l	99
26) 2,2-Dichloropropane	4.471	77	89521	52.155	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	63472	49.159	ug/l	99
28) Bromochloromethane	4.891	49	54142	51.292	ug/l	100
29) Tetrahydrofuran	5.001	42	166716	272.575	ug/l	98
30) Chloroform	5.086	83	115698	50.618	ug/l	91
31) Cyclohexane	5.464	56	92255	46.166	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	101459	51.206	ug/l	99
36) 1,1-Dichloropropene	5.684	75	72479	48.349	ug/l	100
37) Ethyl Acetate	4.708	43	97648	52.723	ug/l	99
38) Carbon Tetrachloride	5.672	117	85412	50.709	ug/l	99
39) Methylcyclohexane	7.372	83	92549	47.954	ug/l	96
40) Benzene	6.031	78	220133	50.133	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046331.D
 Acq On : 23 May 2025 09:24
 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 :Semsettin Yesilyurt 05/26/2025
 Supervised By :Mahesh Dadoda 05/26/2025

Quant Time: May 23 22:55:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56487m	58.302	ug/l	
42) 1,2-Dichloroethane	6.080	62	97361	51.375	ug/l	100
43) Isopropyl Acetate	6.336	43	158225	55.999	ug/l	99
44) Trichloroethene	7.123	130	53136	50.279	ug/l	99
45) 1,2-Dichloropropane	7.421	63	58016	53.136	ug/l	99
46) Dibromomethane	7.574	93	44309	51.454	ug/l	99
47) Bromodichloromethane	7.818	83	92253	54.392	ug/l	99
48) Methyl methacrylate	7.689	41	82925	57.467	ug/l	99
49) 1,4-Dioxane	7.659	88	28855	1053.147	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	524686	279.753	ug/l	99
52) Toluene	8.714	92	136068	50.537	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	84046	55.750	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	91612	54.982	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	56661	53.371	ug/l	97
56) Ethyl methacrylate	9.110	69	97493	57.619	ug/l	99
57) 1,3-Dichloropropane	9.305	76	98945	51.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	231542	268.416	ug/l	99
59) 2-Hexanone	9.427	43	395700	285.172	ug/l	100
60) Dibromochloromethane	9.518	129	64591	55.399	ug/l	99
61) 1,2-Dibromoethane	9.604	107	58405	52.931	ug/l	98
64) Tetrachloroethene	9.268	164	48977	50.481	ug/l	96
65) Chlorobenzene	10.073	112	148639	49.525	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53302	52.010	ug/l	98
67) Ethyl Benzene	10.189	91	272231	51.457	ug/l	100
68) m/p-Xylenes	10.299	106	197275	101.954	ug/l	98
69) o-Xylene	10.640	106	97901	51.899	ug/l	98
70) Styrene	10.652	104	165627	53.599	ug/l	99
71) Bromoform	10.799	173	42491	55.224	ug/l #	97
73) Isopropylbenzene	10.957	105	265569	51.196	ug/l	99
74) N-amyl acetate	10.841	43	138648	54.091	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	91010	50.066	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81837m	51.027	ug/l	
77) Bromobenzene	11.195	156	59541	49.441	ug/l	100
78) n-propylbenzene	11.299	91	311660	51.673	ug/l	99
79) 2-Chlorotoluene	11.360	91	191122	49.128	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	224812	51.877	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	27002	54.814	ug/l	97
82) 4-Chlorotoluene	11.451	91	219638	50.910	ug/l	99
83) tert-Butylbenzene	11.713	119	222135	50.888	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	225740	51.438	ug/l	100
85) sec-Butylbenzene	11.890	105	280123	52.265	ug/l	100
86) p-Isopropyltoluene	12.006	119	232168	52.479	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	109948	50.025	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	111425	49.641	ug/l	99
89) n-Butylbenzene	12.329	91	210250	54.179	ug/l	99
90) Hexachloroethane	12.536	117	41404	53.122	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	112487	51.002	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22183	55.085	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	66261	52.307	ug/l	99
94) Hexachlorobutadiene	13.725	225	29675	53.637	ug/l	99
95) Naphthalene	13.774	128	242188	52.127	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67021	51.275	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046331.D
Acq On : 23 May 2025 09:24
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 :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

Quant Time: May 23 22:55:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

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

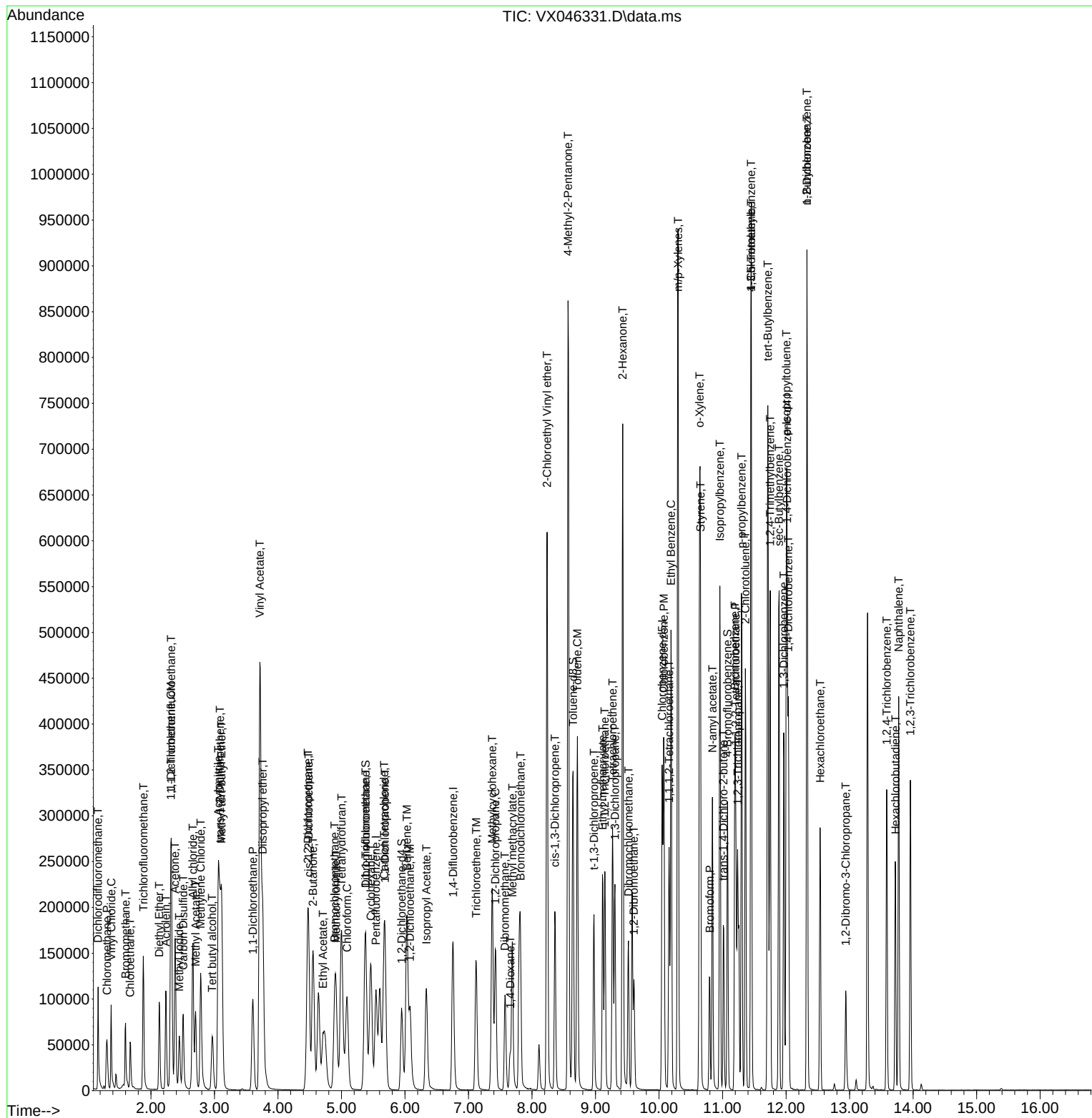
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Acq On : 23 May 2025 09:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

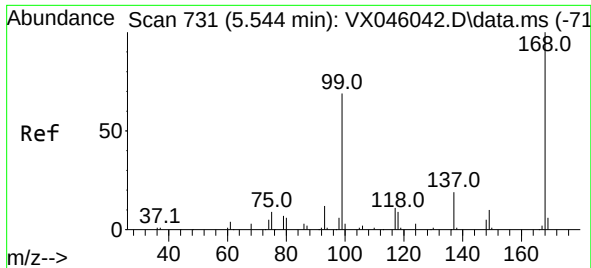
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 23 22:55:40 2025
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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

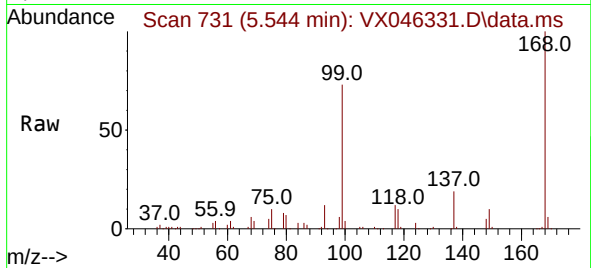
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

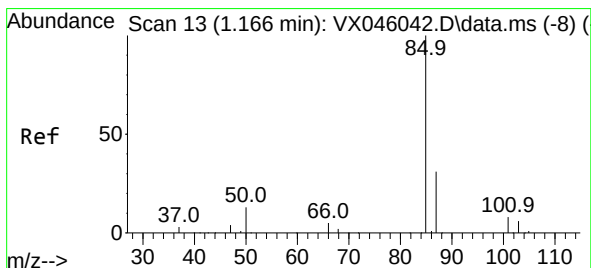
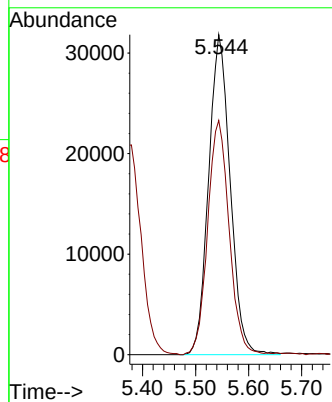
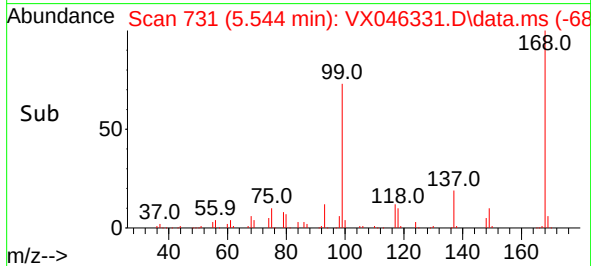
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 8994
Ion Ratio Lower Upper
168 100
99 73.2 54.9 82.3

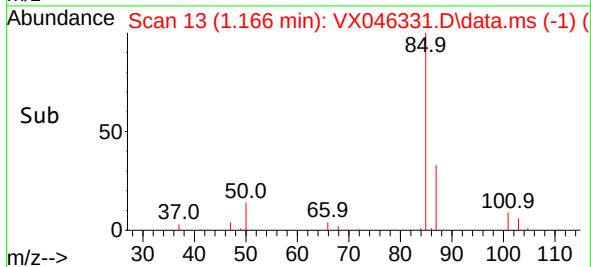
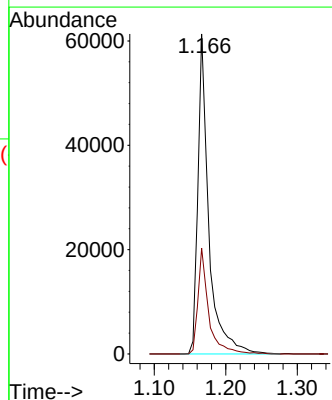
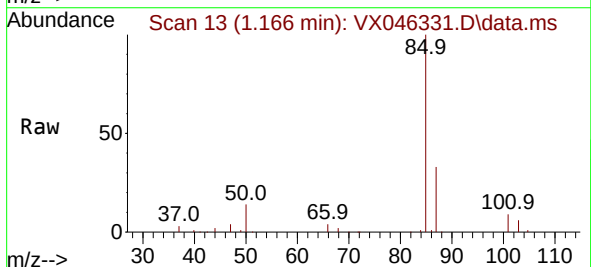
Manual Integrations
APPROVED

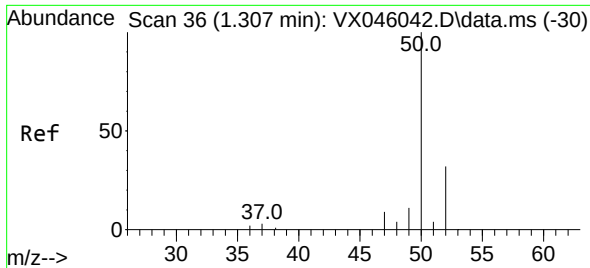
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#2
Dichlorodifluoromethane
Concen: 46.886 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion: 85 Resp: 64545
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1





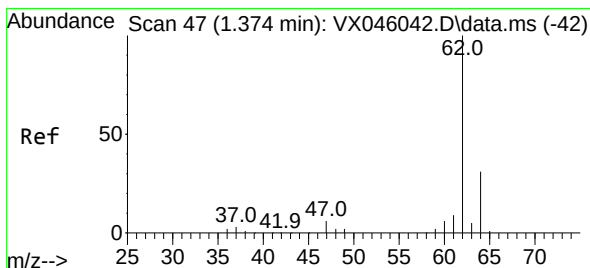
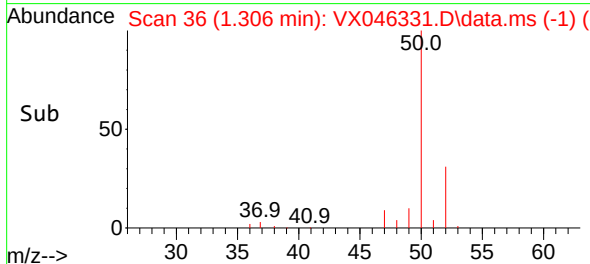
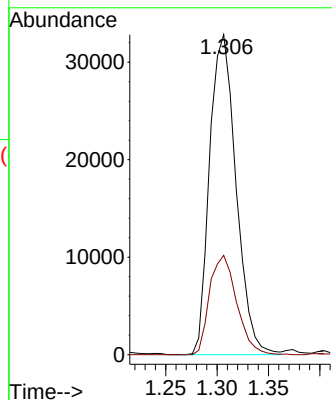
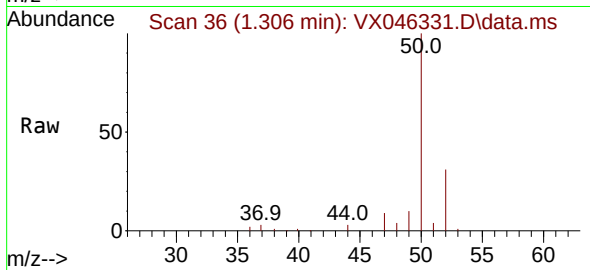
#3
Chloromethane
Concen: 44.072 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 58830
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2

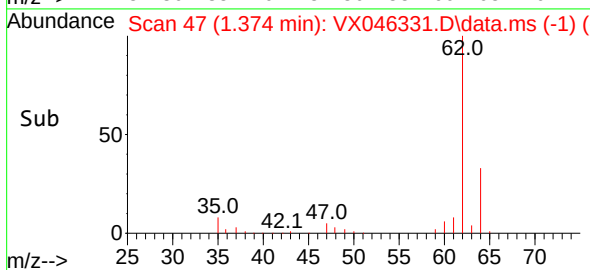
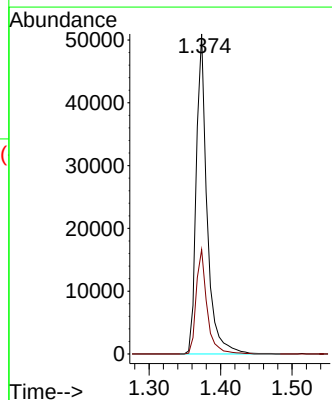
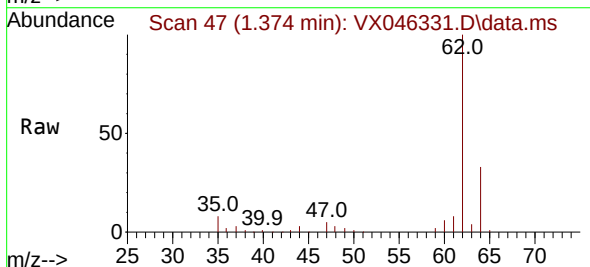
Manual Integrations
APPROVED

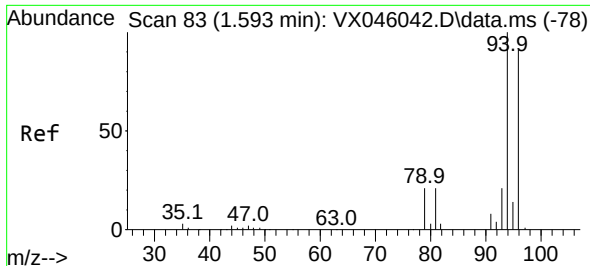
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#4
Vinyl Chloride
Concen: 42.877 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

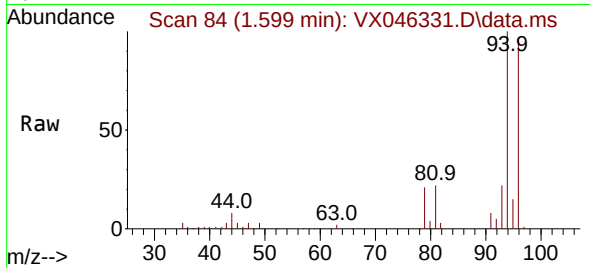
Tgt Ion: 62 Resp: 53273
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8





#5
Bromomethane
Concen: 45.004 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

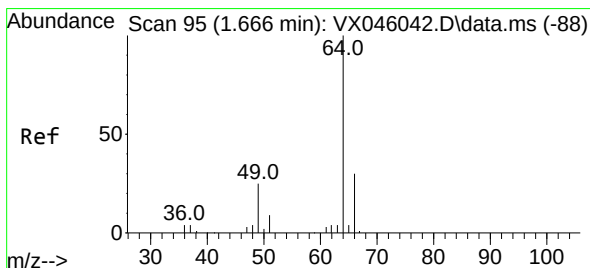
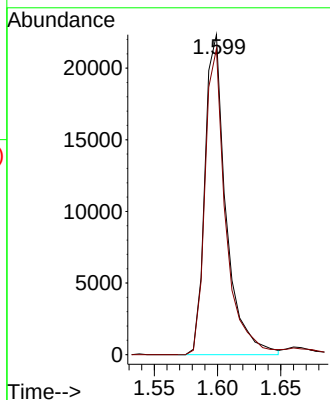
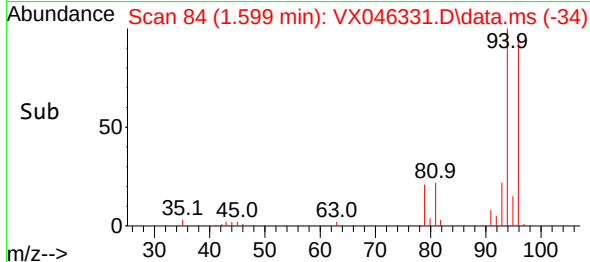
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 2593
Ion Ratio Lower Upper
94 100
96 95.6 72.8 109.2

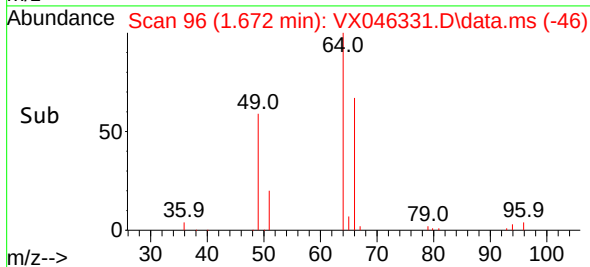
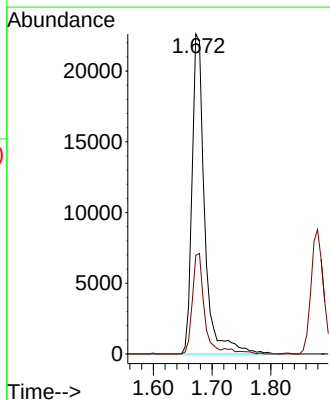
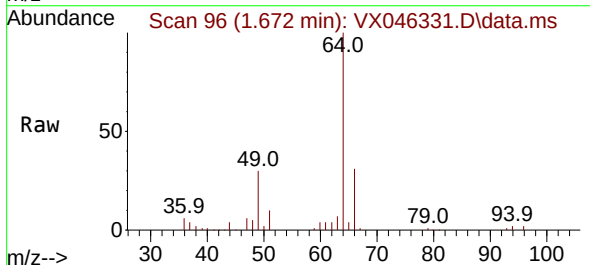
Manual Integrations
APPROVED

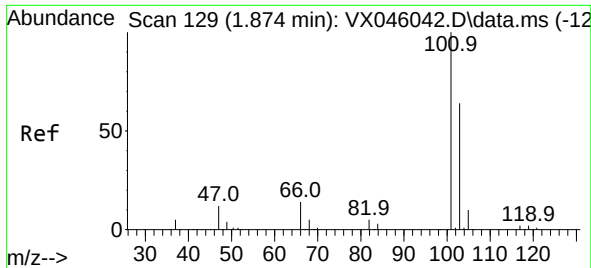
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#6
Chloroethane
Concen: 51.230 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

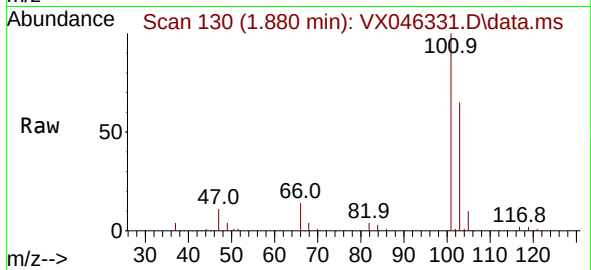
Tgt Ion: 64 Resp: 33980
Ion Ratio Lower Upper
64 100
66 30.9 24.3 36.5





#7
Trichlorofluoromethane
Concen: 48.653 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

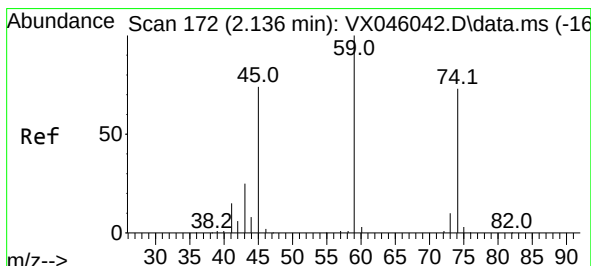
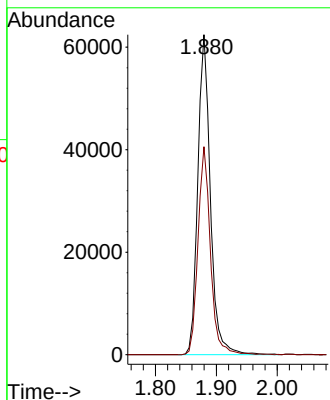
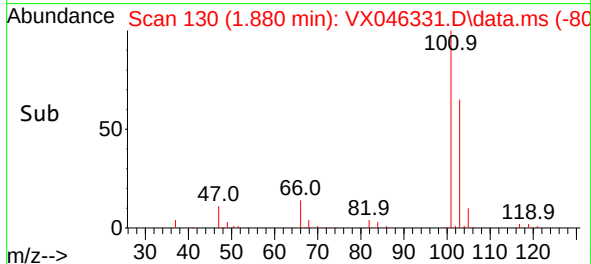
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 89339
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4

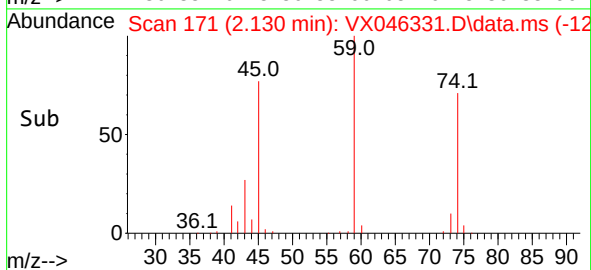
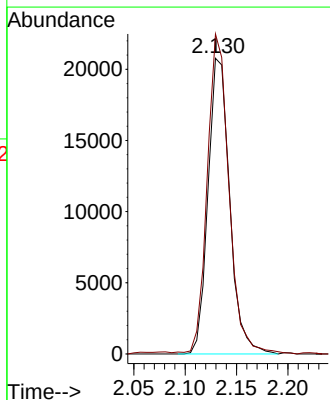
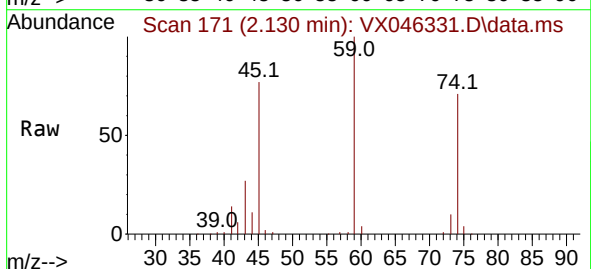
Manual Integrations
APPROVED

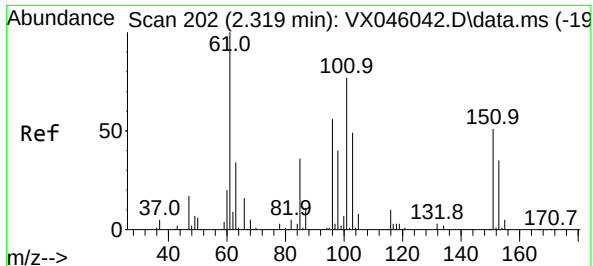
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#8
Diethyl Ether
Concen: 48.706 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion: 74 Resp: 30446
Ion Ratio Lower Upper
74 100
45 108.6 54.9 164.8





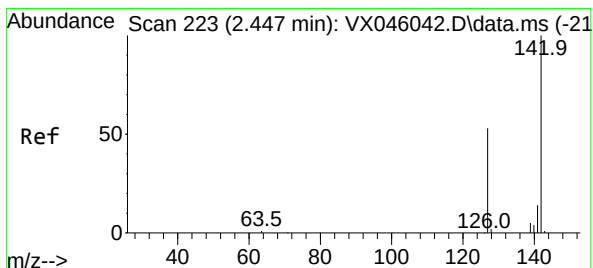
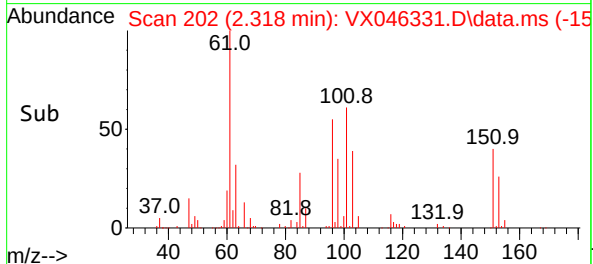
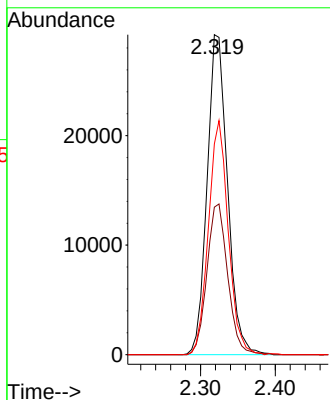
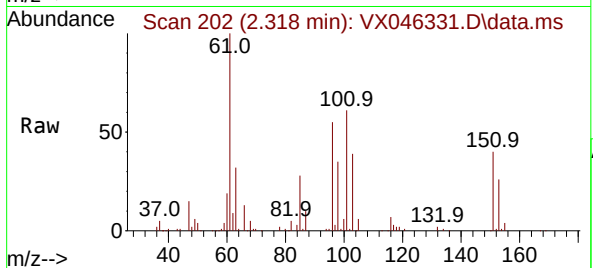
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.939 ug/l
RT: 2.318 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5561
Ion Ratio Lower Upper
101 100
85 48.0 38.6 58.0
151 71.0 55.2 82.8

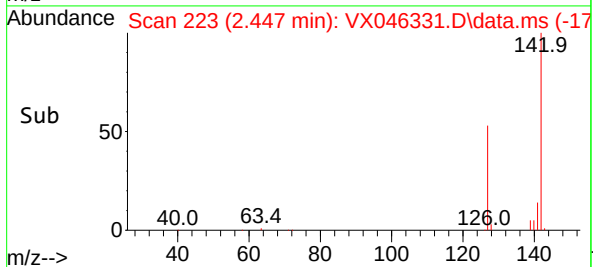
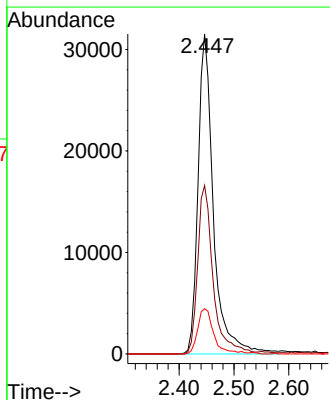
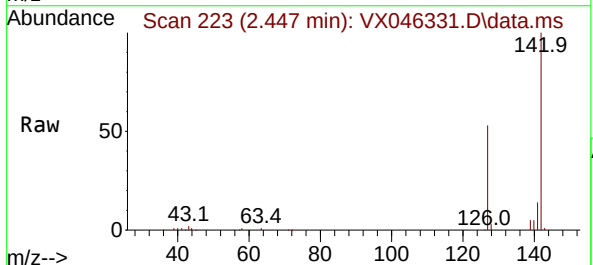
Manual Integrations
APPROVED

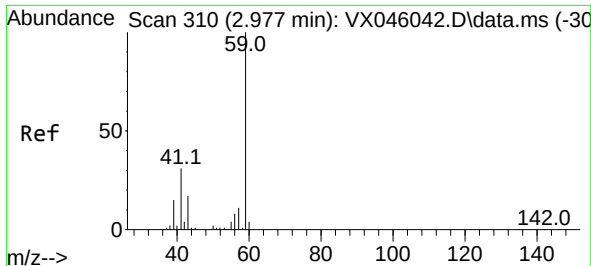
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#10
Methyl Iodide
Concen: 45.758 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion:142 Resp: 61527
Ion Ratio Lower Upper
142 100
127 52.7 41.7 62.5
141 14.7 11.5 17.3





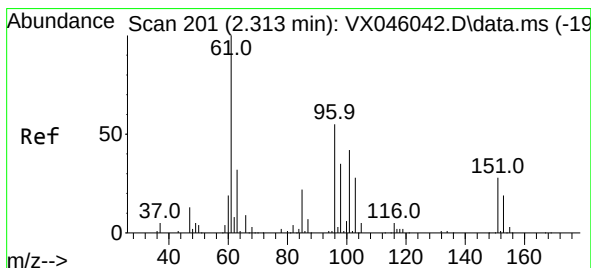
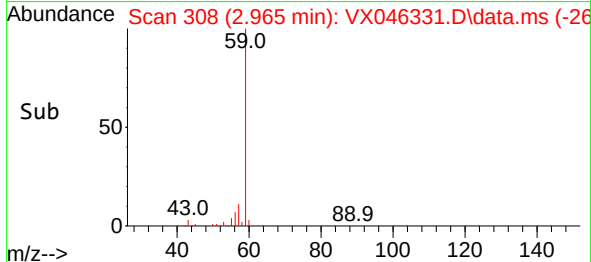
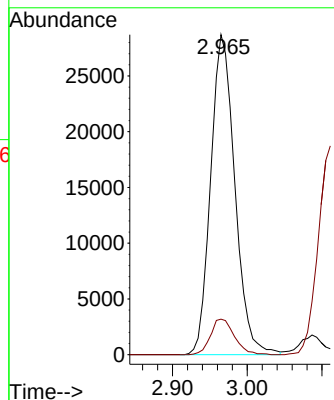
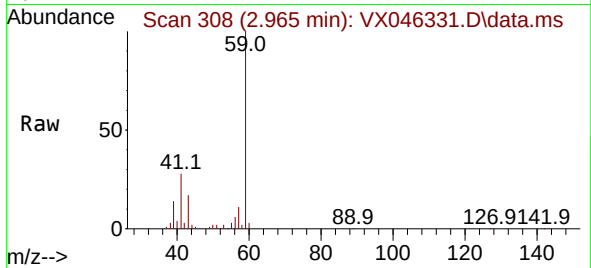
#11
Tert butyl alcohol
Concen: 274.166 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 64532
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

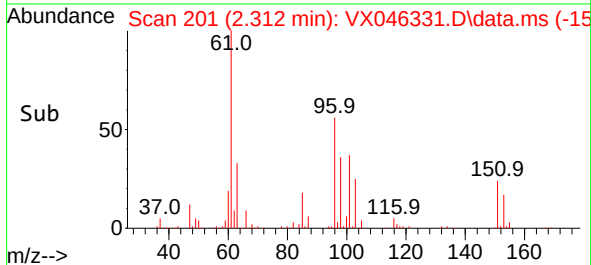
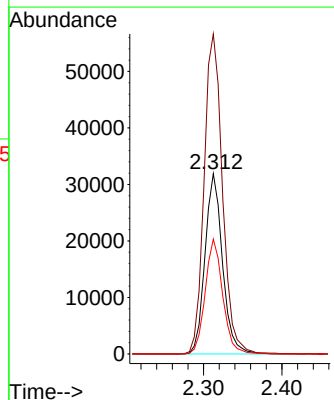
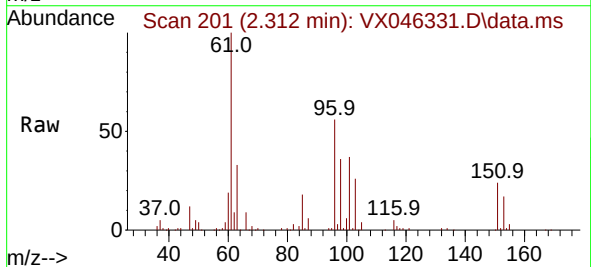
Manual Integrations
APPROVED

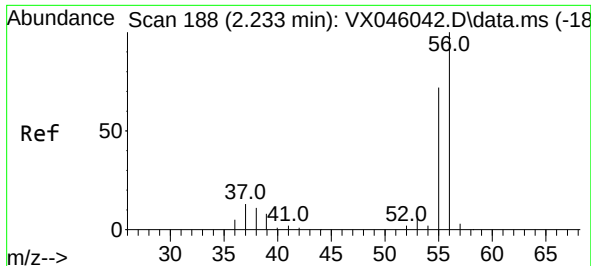
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#12
1,1-Dichloroethene
Concen: 46.384 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

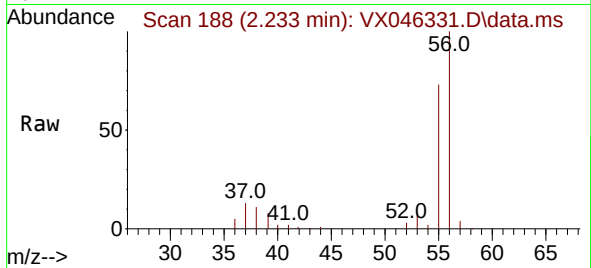
Tgt Ion: 96 Resp: 49469
Ion Ratio Lower Upper
96 100
61 177.5 146.2 219.2
98 63.7 51.0 76.6





#13
Acrolein
Concen: 268.519 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

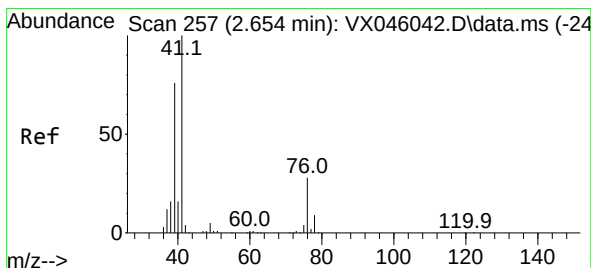
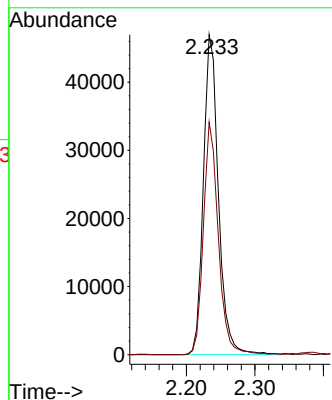
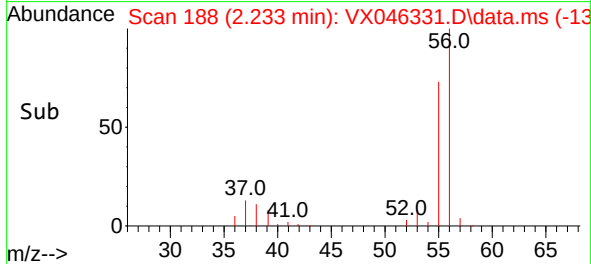
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 71978
Ion Ratio Lower Upper
56 100
55 72.3 56.2 84.4

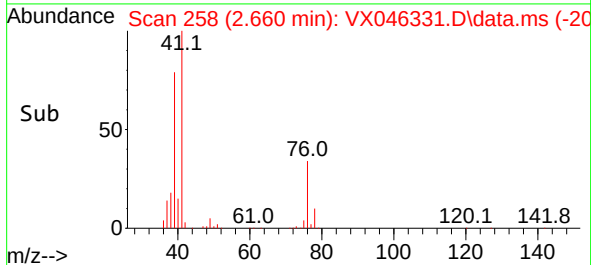
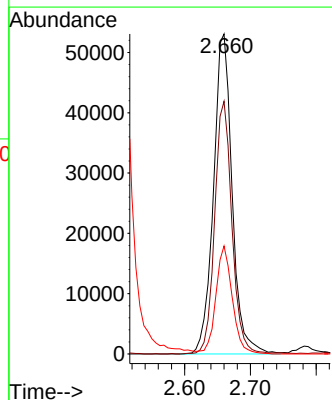
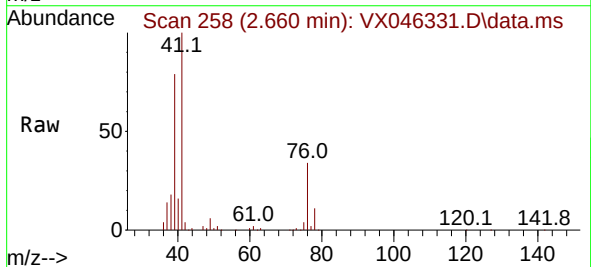
Manual Integrations
APPROVED

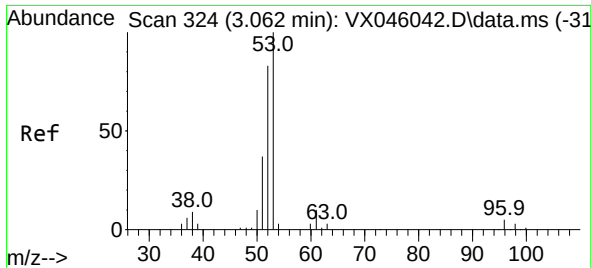
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#14
Allyl chloride
Concen: 51.568 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

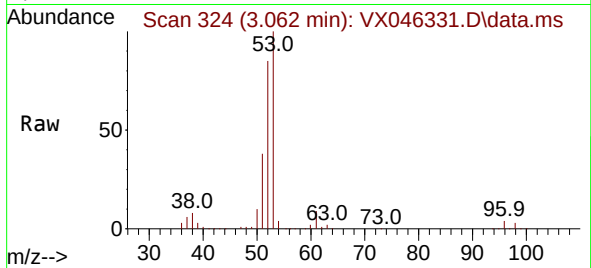
Tgt Ion: 41 Resp: 105111
Ion Ratio Lower Upper
41 100
39 72.7 60.6 90.8
76 29.7 24.9 37.3





#15
Acrylonitrile
Concen: 270.194 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

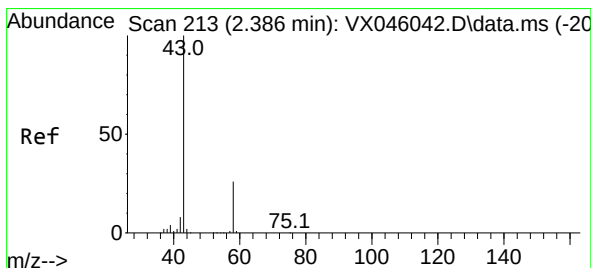
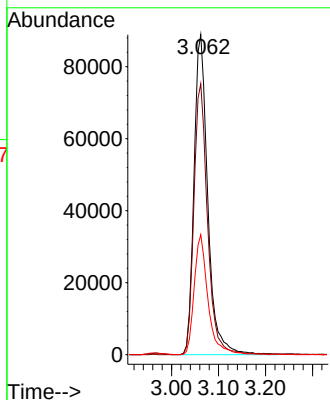
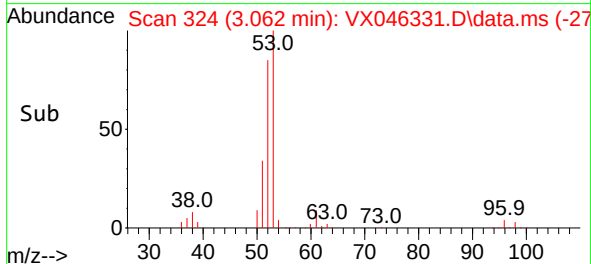
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 181852
Ion Ratio Lower Upper
53 100
52 84.1 65.3 97.9
51 37.3 29.8 44.8

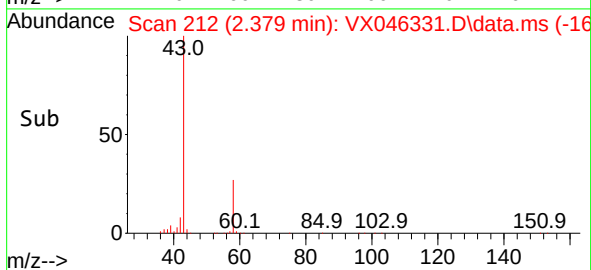
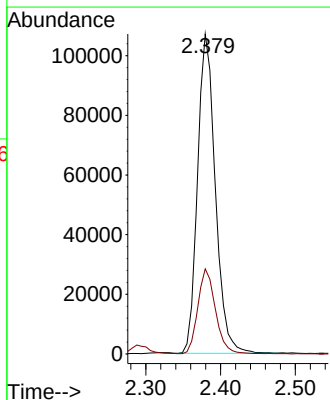
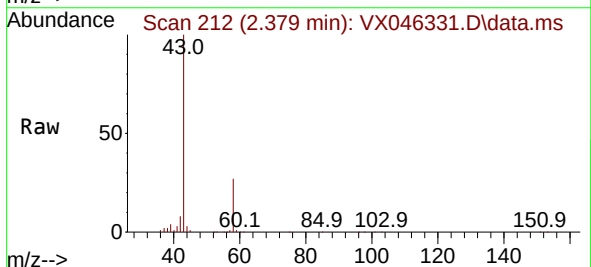
Manual Integrations
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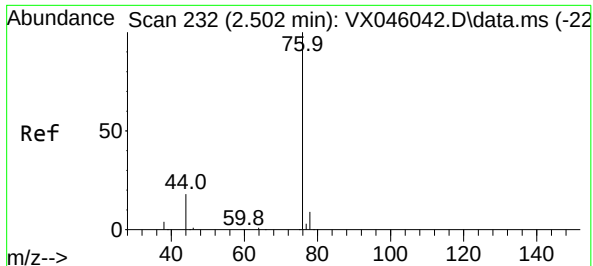
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#16
Acetone
Concen: 263.114 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion: 43 Resp: 176899
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8





#17

Carbon Disulfide

Concen: 41.606 ug/l

RT: 2.507 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 105198

Ion Ratio Lower Upper

76 100

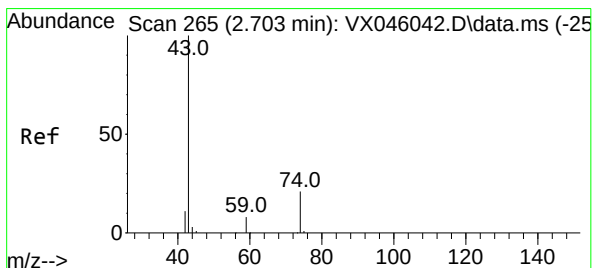
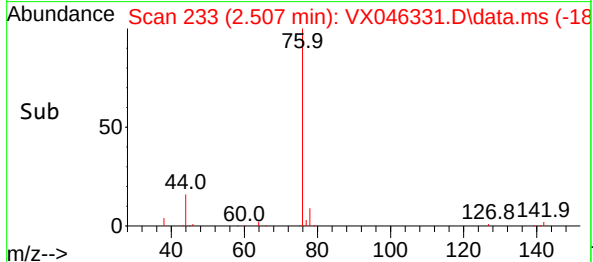
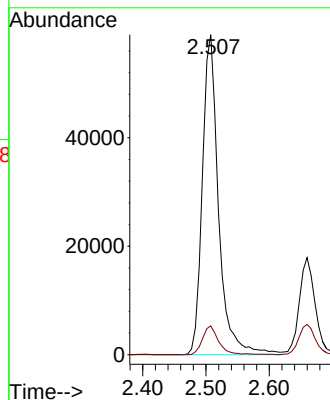
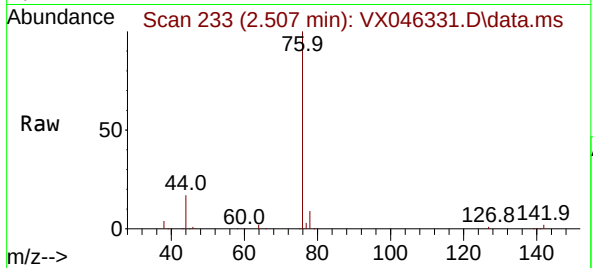
78 9.0 7.0 10.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/26/2025

Supervised By :Mahesh Dadoda 05/26/2025



#18

Methyl Acetate

Concen: 63.388 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046331.D

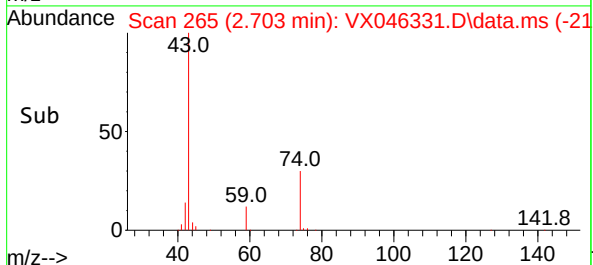
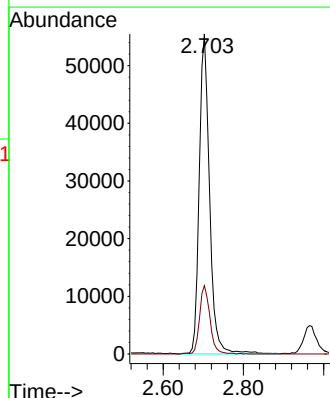
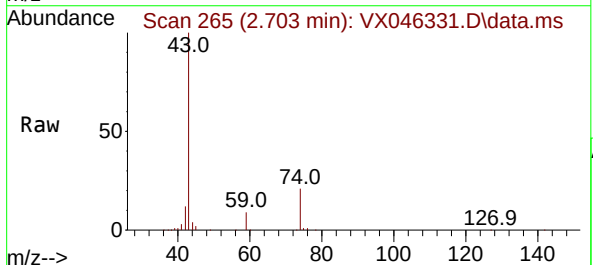
Acq: 23 May 2025 09:24

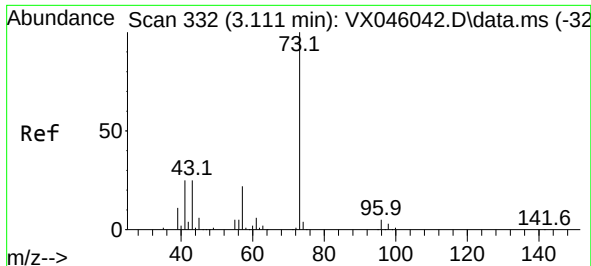
Tgt Ion: 43 Resp: 98895

Ion Ratio Lower Upper

43 100

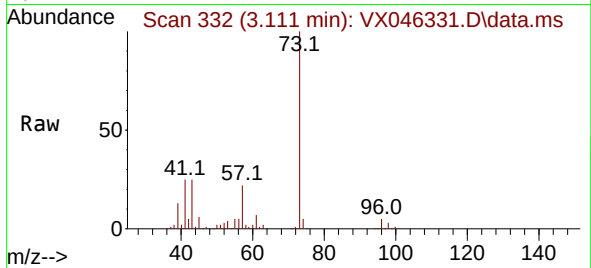
74 21.4 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 52.851 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

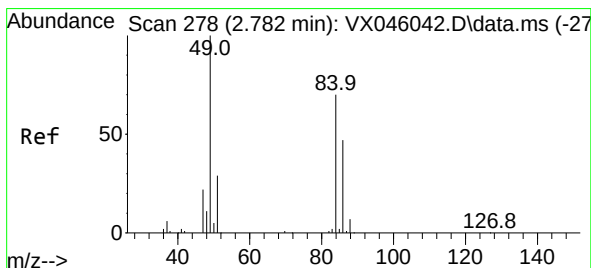
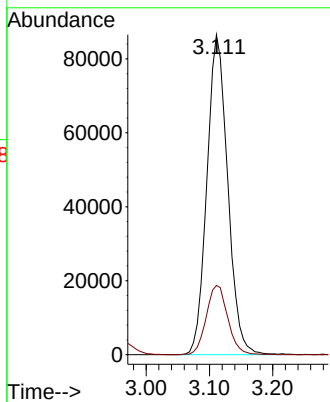
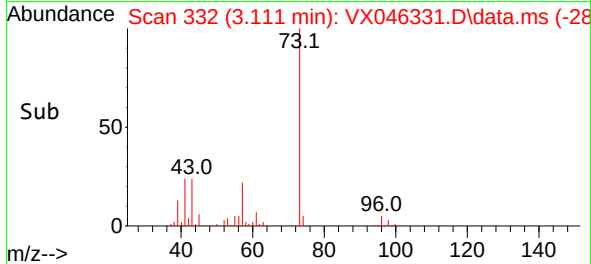
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 197614
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

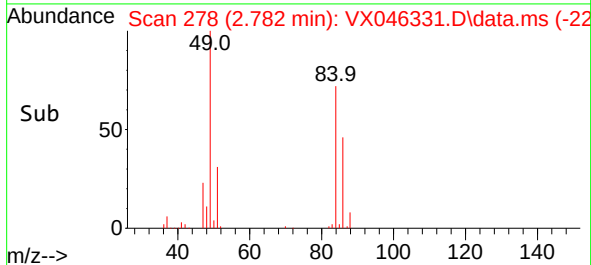
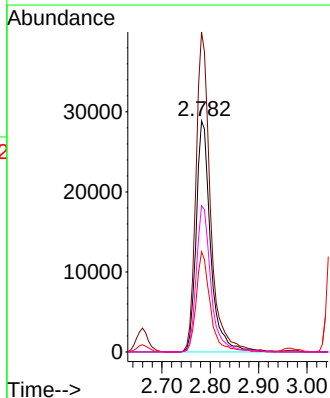
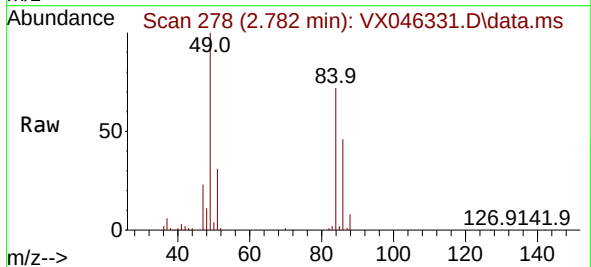
Manual Integrations
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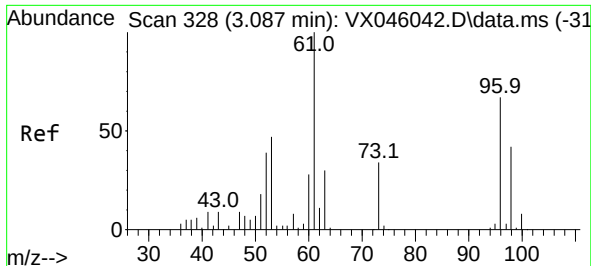
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#20
Methylene Chloride
Concen: 46.299 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

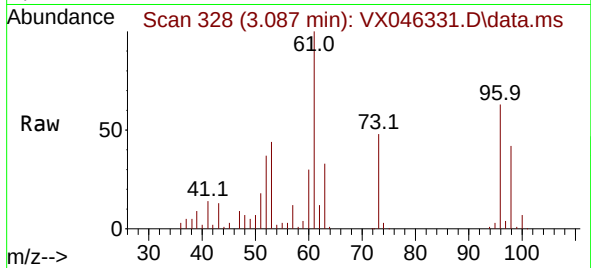
Tgt Ion: 84 Resp: 59651
Ion Ratio Lower Upper
84 100
49 138.5 113.9 170.9
51 43.3 33.5 50.3
86 63.3 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 47.000 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

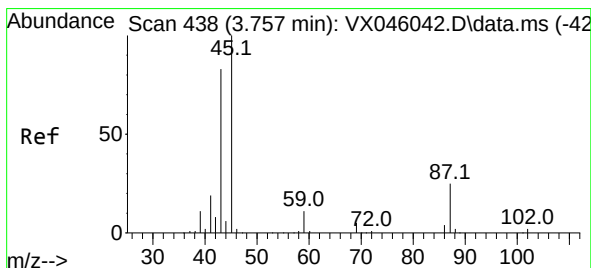
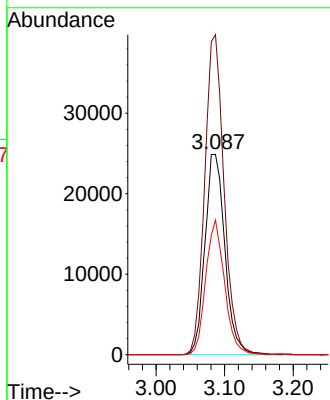
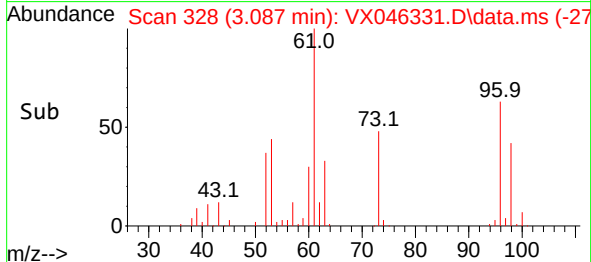
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 50409
Ion Ratio Lower Upper
96 100
61 159.7 119.5 179.3
98 67.3 50.0 75.0

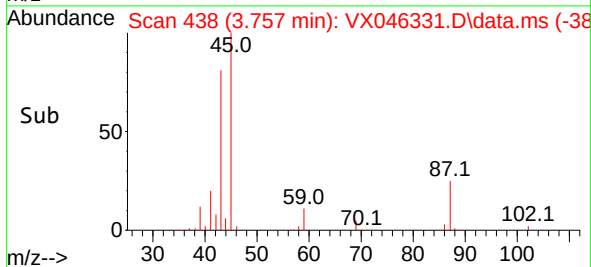
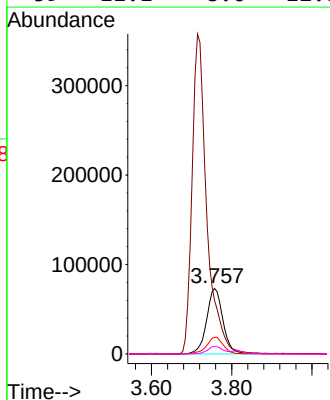
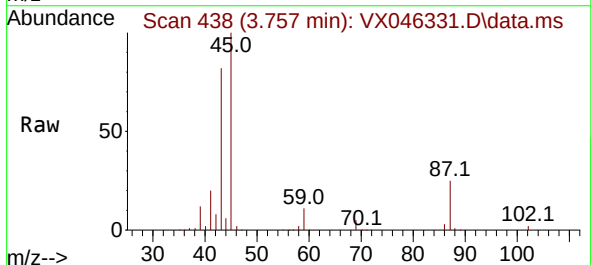
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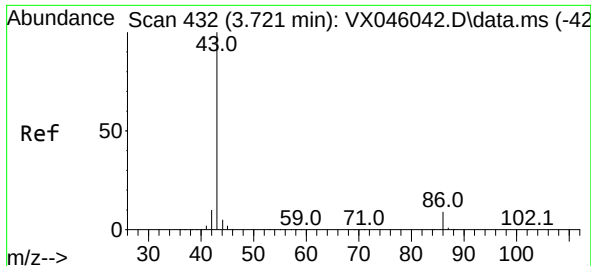
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#22
Diisopropyl ether
Concen: 52.704 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

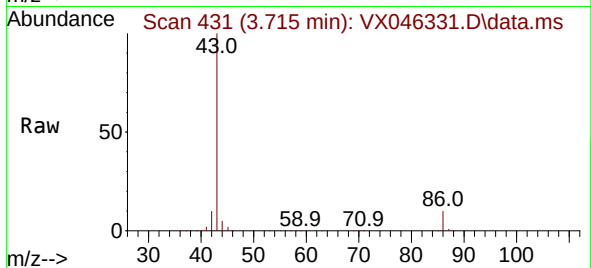
Tgt Ion: 45 Resp: 207508
Ion Ratio Lower Upper
45 100
43 81.5 66.6 100.0
87 25.1 19.8 29.6
59 11.1 8.6 12.8





#23
 Vinyl Acetate
 Concen: 263.054 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046331.D
 Acq: 23 May 2025 09:24

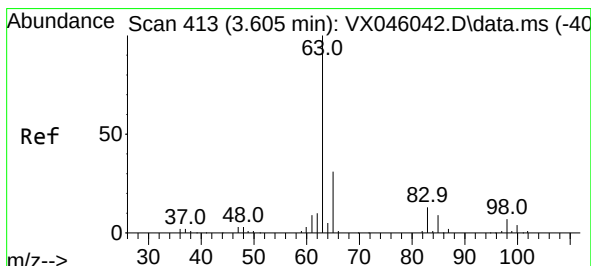
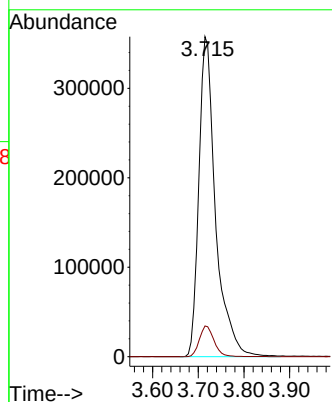
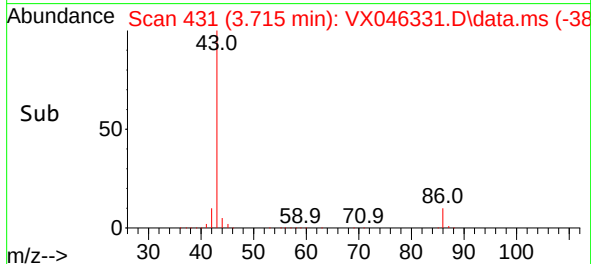
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



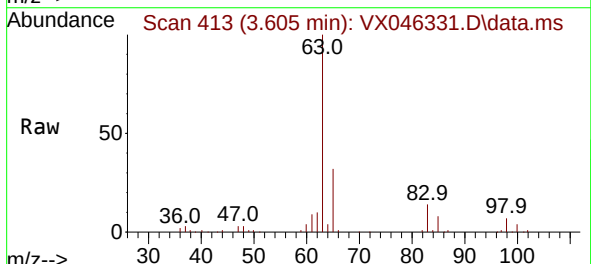
Tgt Ion: 43 Resp: 91093
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3

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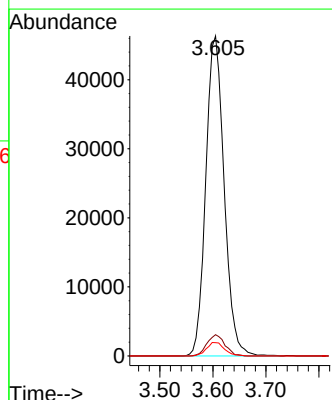
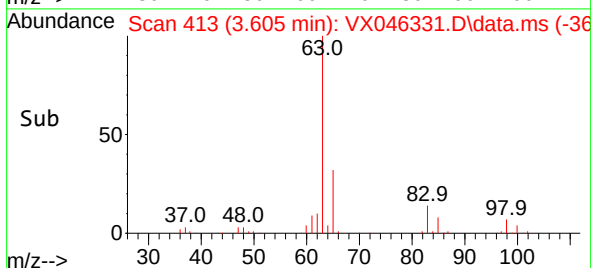
Reviewed By :Semsettin Yesilyurt 05/26/2025
 Supervised By :Mahesh Dadoda 05/26/2025

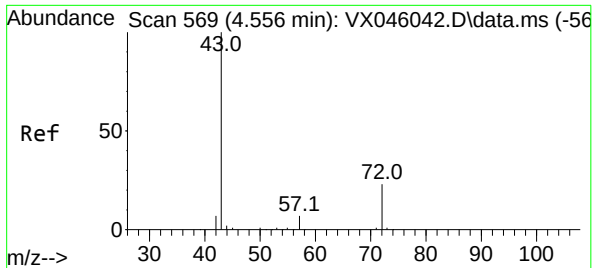


#24
 1,1-Dichloroethane
 Concen: 50.826 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046331.D
 Acq: 23 May 2025 09:24



Tgt Ion: 63 Resp: 111459
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.1 2.1 6.3





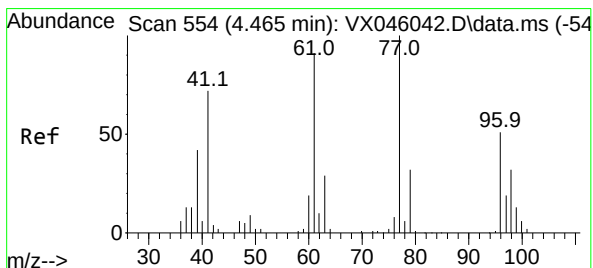
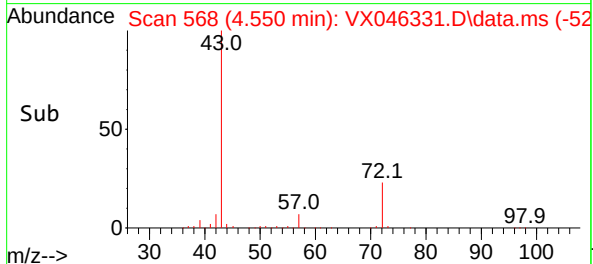
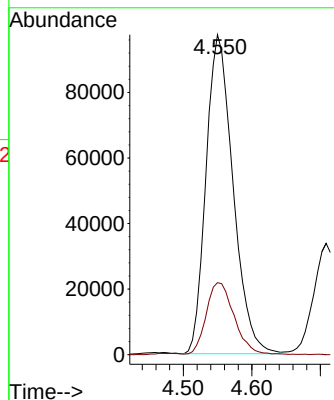
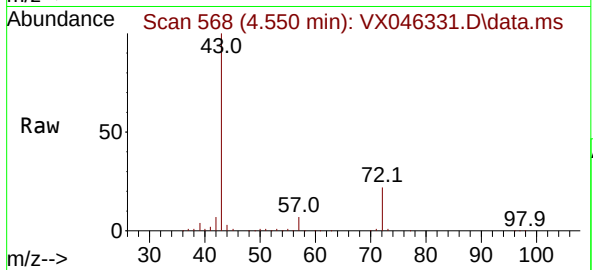
#25
2-Butanone
Concen: 272.843 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 266310
Ion Ratio Lower Upper
43 100
72 22.3 18.4 27.6

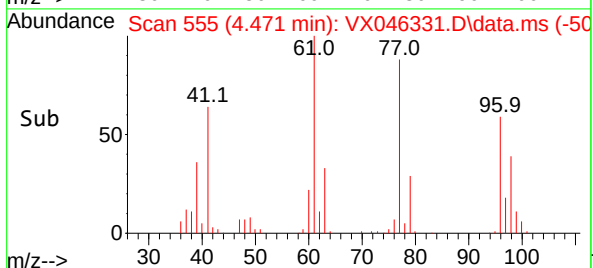
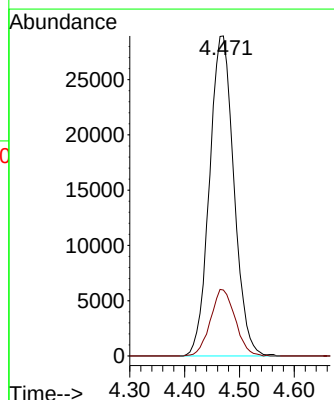
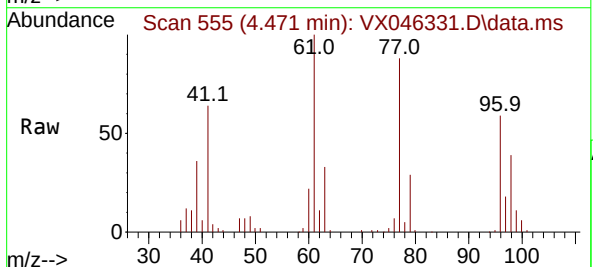
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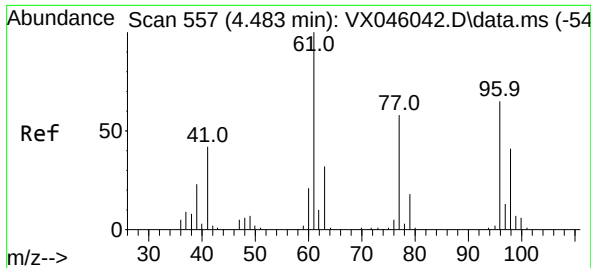
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#26
2,2-Dichloropropane
Concen: 52.155 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

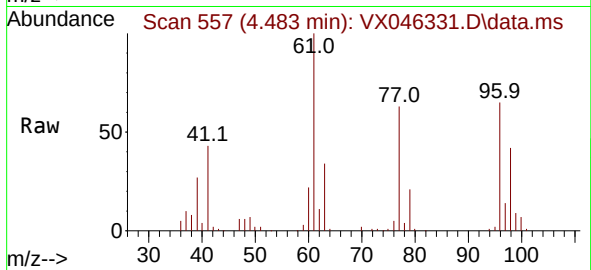
Tgt Ion: 77 Resp: 89521
Ion Ratio Lower Upper
77 100
97 21.0 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 49.159 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX046331.D
 Acq: 23 May 2025 09:24

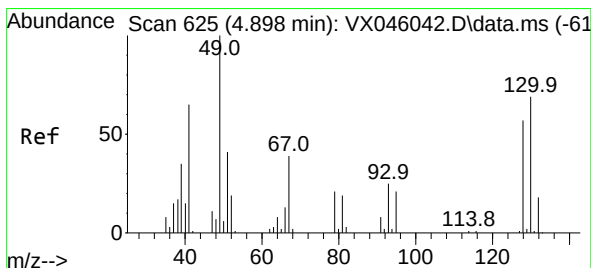
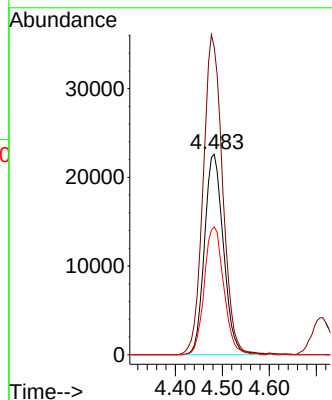
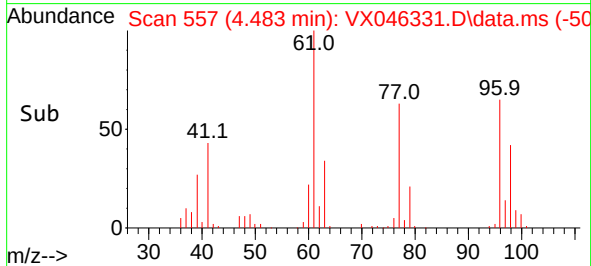
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 63472
 Ion Ratio Lower Upper
 96 100
 61 162.9 0.0 322.8
 98 65.1 0.0 129.0

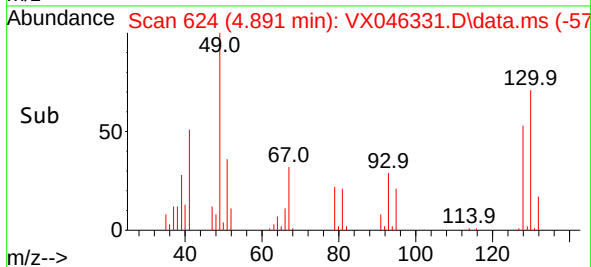
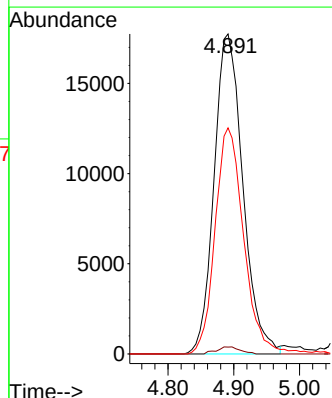
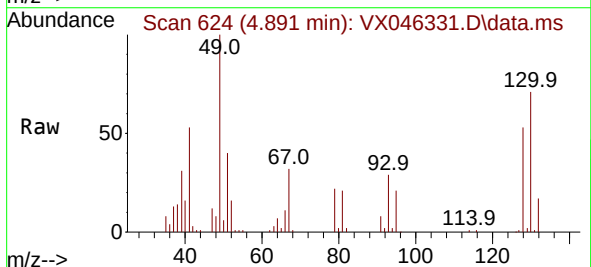
Manual Integrations
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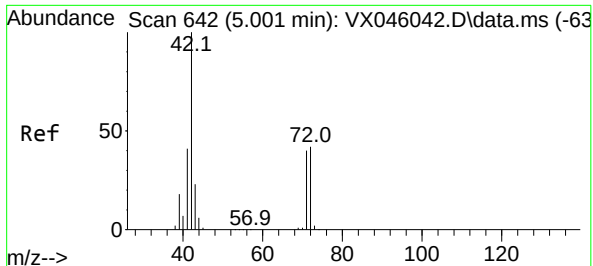
Reviewed By :Semsettin Yesilyurt 05/26/2025
 Supervised By :Mahesh Dadoda 05/26/2025



#28
 Bromochloromethane
 Concen: 51.292 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX046331.D
 Acq: 23 May 2025 09:24

Tgt Ion: 49 Resp: 54142
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 70.2 56.2 84.2





#29

Tetrahydrofuran

Concen: 272.575 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

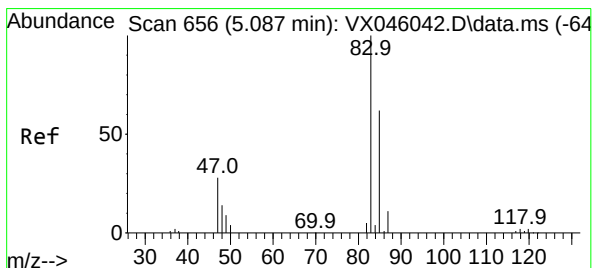
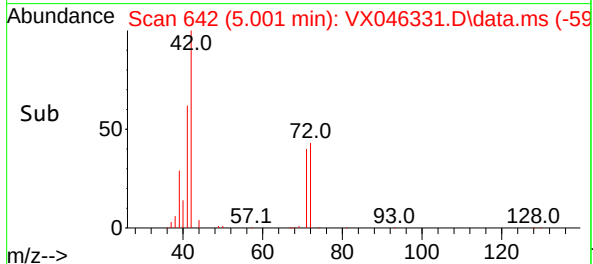
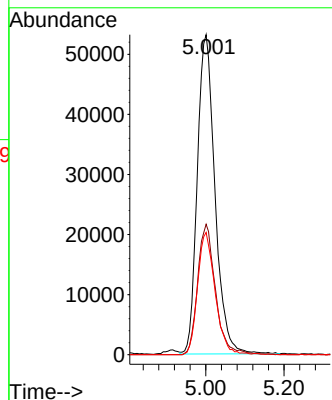
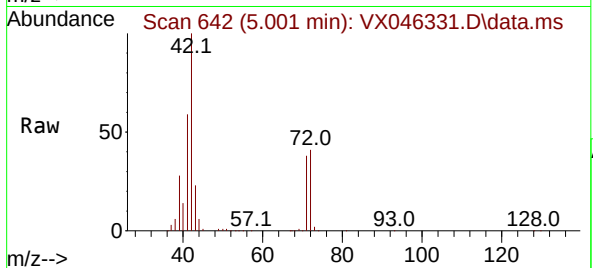
Tgt Ion: 42 Resp: 166710

Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.7	50.5
71	37.9	31.4	47.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#30

Chloroform

Concen: 50.618 ug/l

RT: 5.086 min Scan# 656

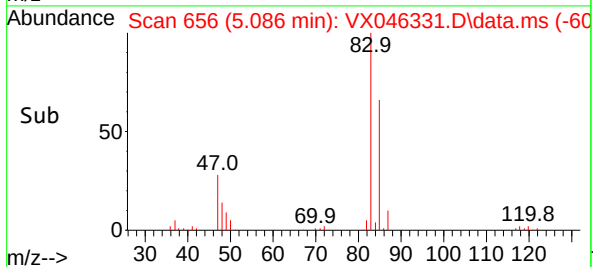
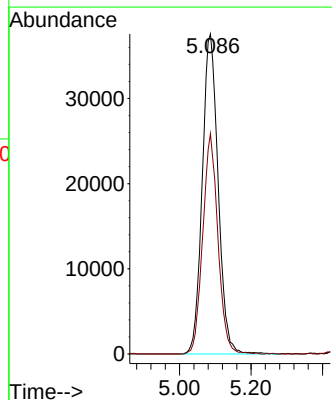
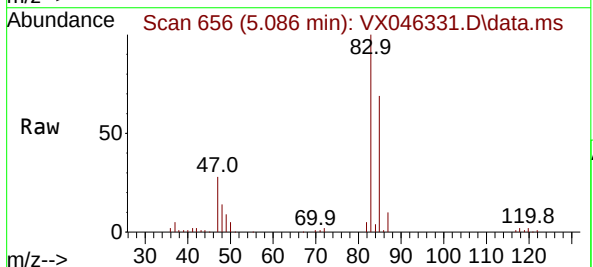
Delta R.T. -0.000 min

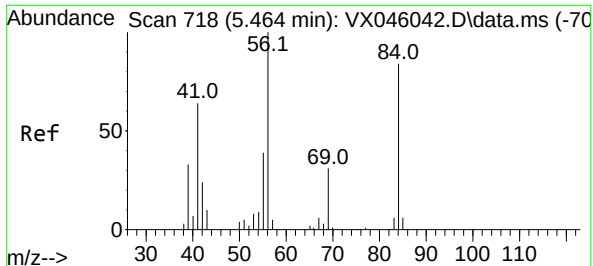
Lab File: VX046331.D

Acq: 23 May 2025 09:24

Tgt Ion: 83 Resp: 115698

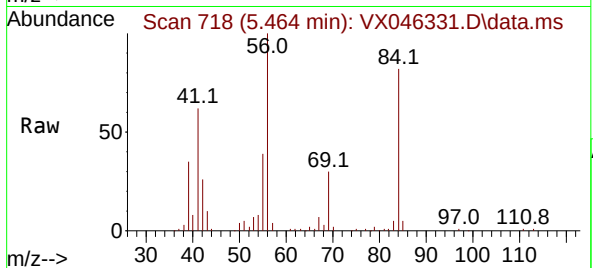
Ion	Ratio	Lower	Upper
83	100		
85	68.9	49.3	73.9





#31
Cyclohexane
Concen: 46.166 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

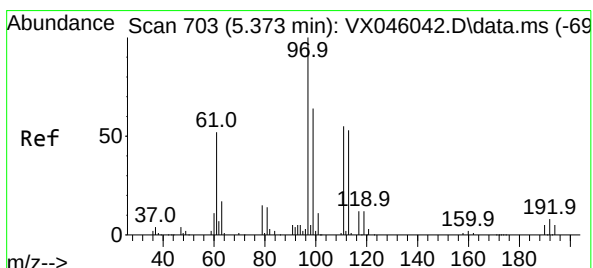
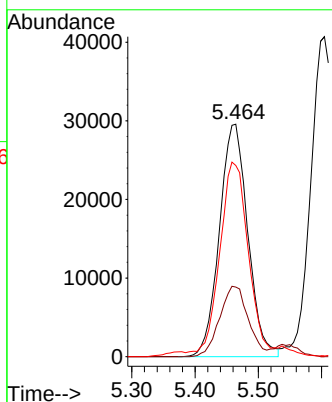
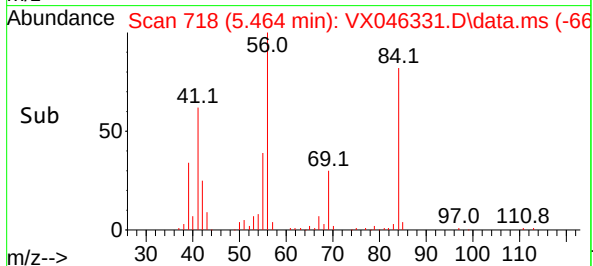
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



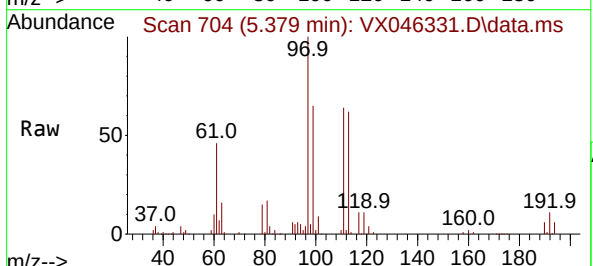
Tgt Ion: 56 Resp: 9225
Ion Ratio Lower Upper
56 100
69 30.0 24.4 36.6
84 80.1 66.9 100.3

Manual Integrations
APPROVED

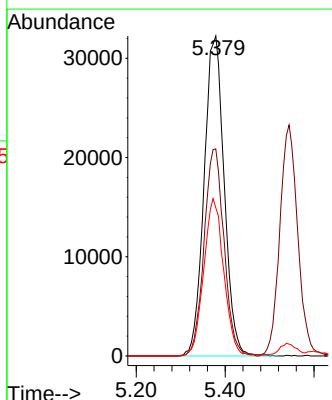
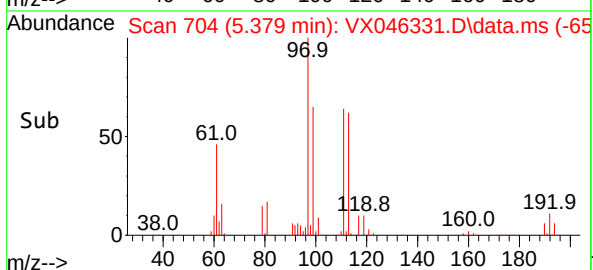
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

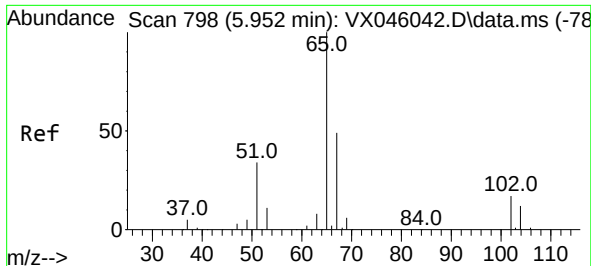


#32
1,1,1-Trichloroethane
Concen: 51.206 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24



Tgt Ion: 97 Resp: 101459
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 49.1 40.1 60.1





#33
1,2-Dichloroethane-d4
Concen: 51.802 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

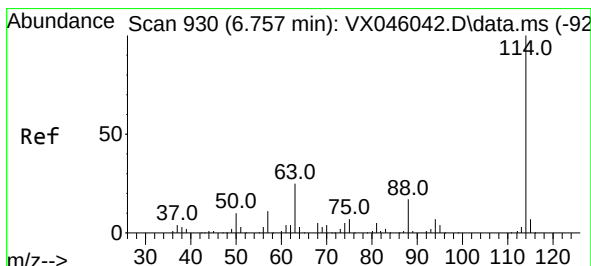
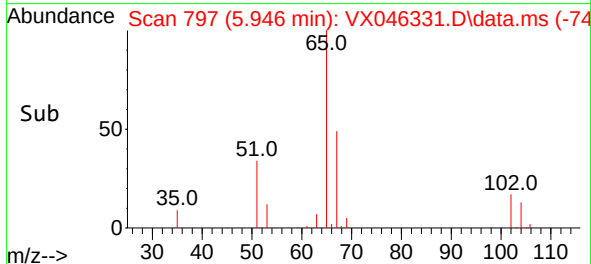
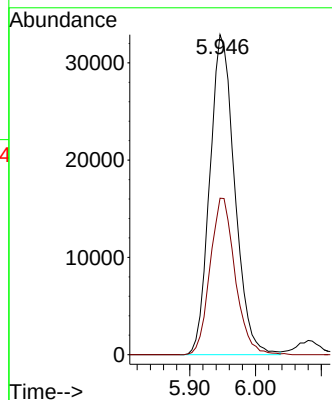
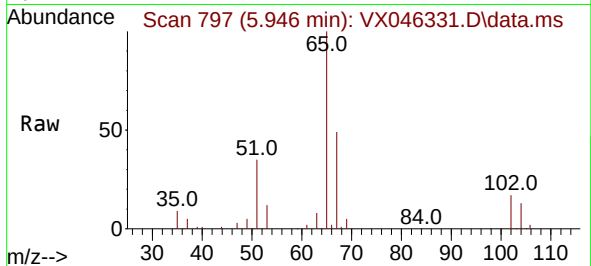
VSTDCCC050

Tgt Ion: 65 Resp: 8686
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

Manual Integrations

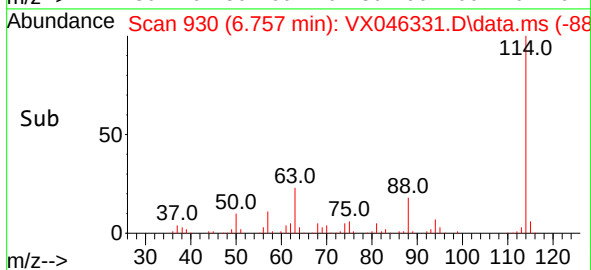
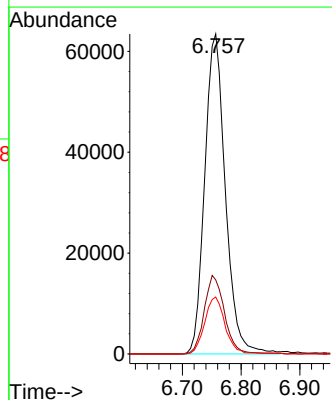
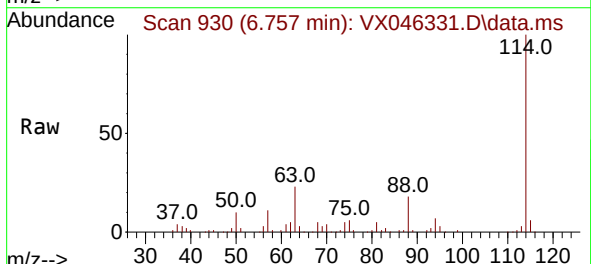
APPROVED

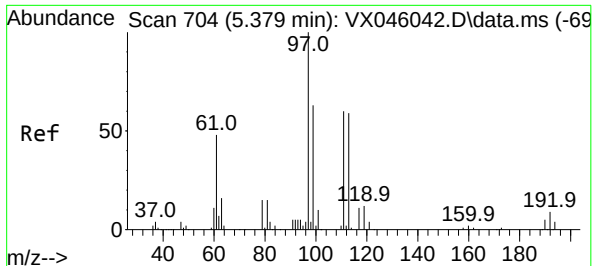
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

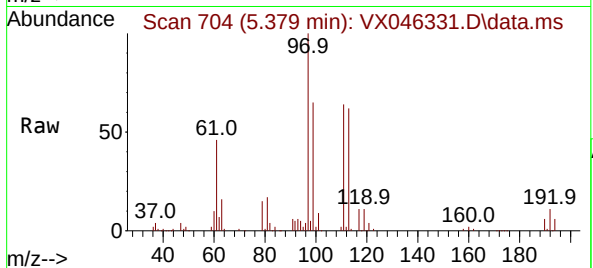
Tgt Ion:114 Resp: 154938
Ion Ratio Lower Upper
114 100
63 23.1 0.0 49.2
88 17.8 0.0 33.6





#35
Dibromofluoromethane
Concen: 53.265 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

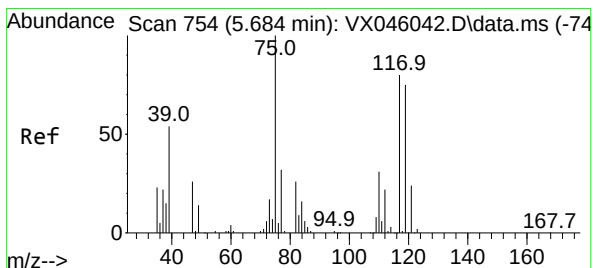
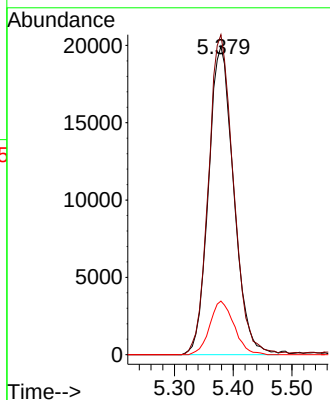
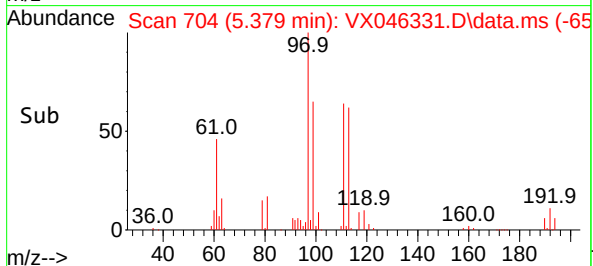
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 59429
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.7 13.3 19.9

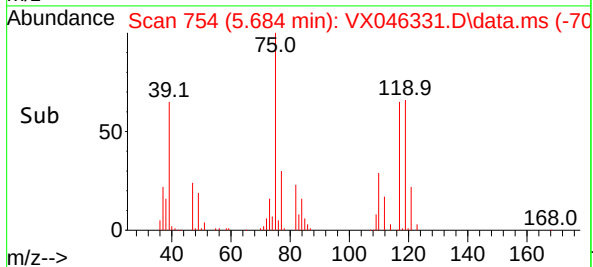
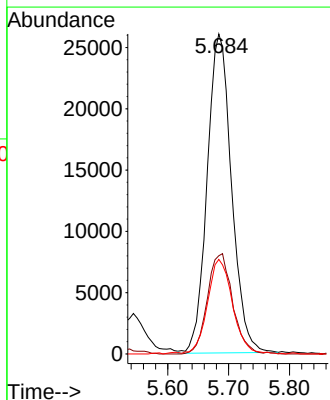
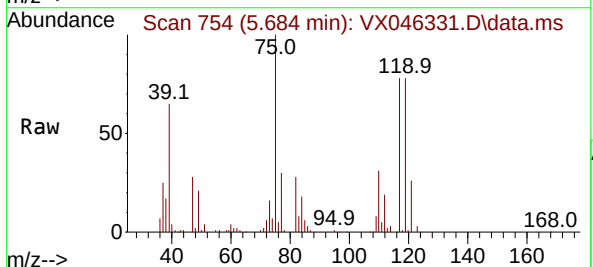
Manual Integrations
APPROVED

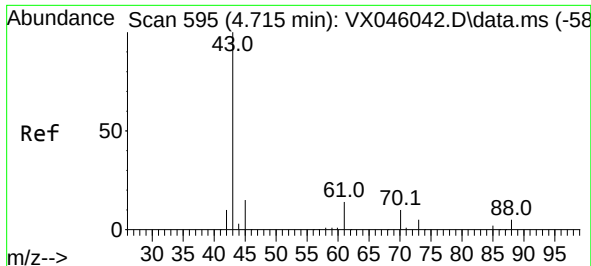
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#36
1,1-Dichloropropene
Concen: 48.349 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

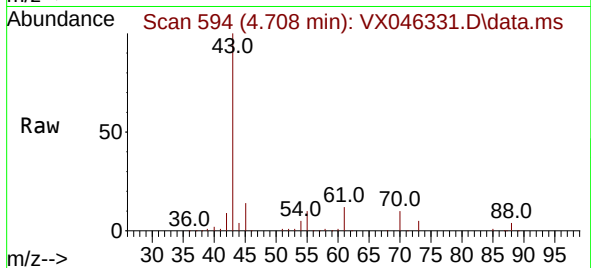
Tgt Ion: 75 Resp: 72479
Ion Ratio Lower Upper
75 100
110 32.3 16.3 48.9
77 30.3 24.3 36.5





#37
Ethyl Acetate
Concen: 52.723 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

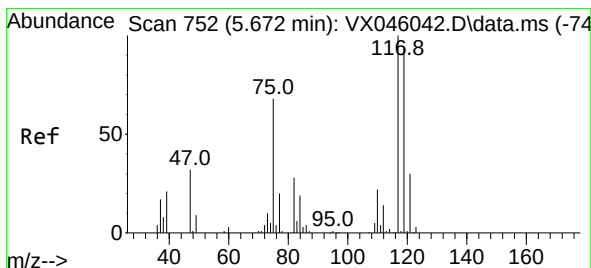
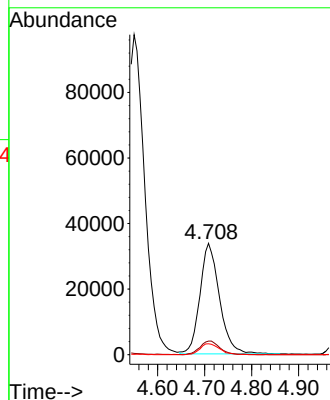
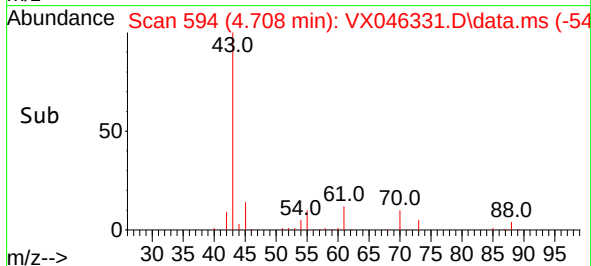
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 97648
Ion Ratio Lower Upper
43 100
61 12.5 10.3 15.5
70 9.9 7.9 11.9

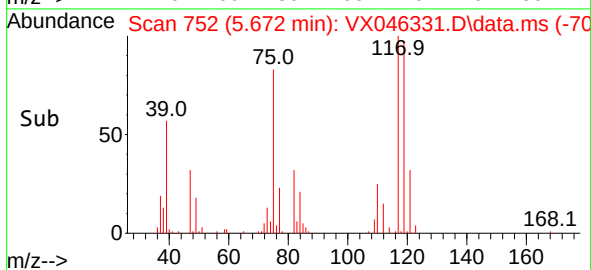
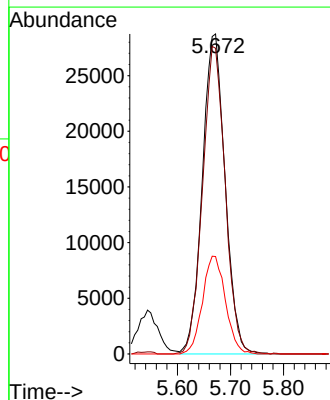
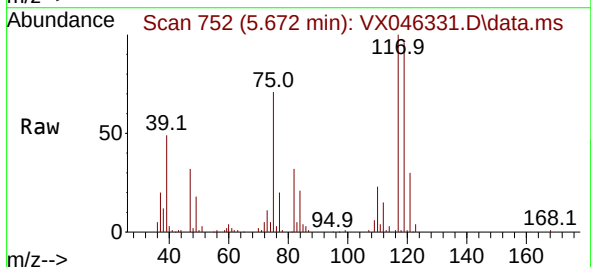
Manual Integrations
APPROVED

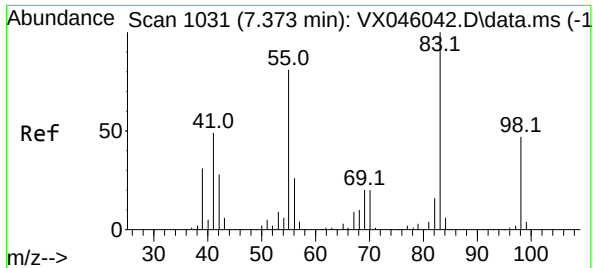
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#38
Carbon Tetrachloride
Concen: 50.709 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion:117 Resp: 85412
Ion Ratio Lower Upper
117 100
119 95.5 75.2 112.8
121 30.4 24.2 36.4





#39

Methylcyclohexane

Concen: 47.954 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

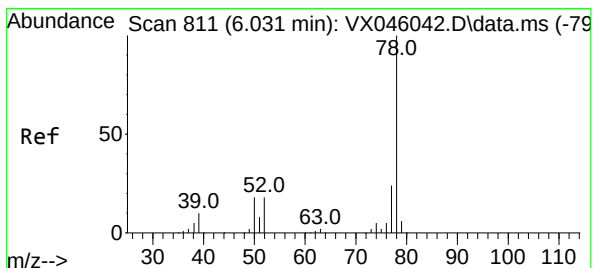
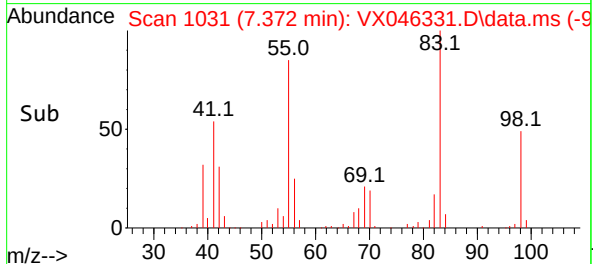
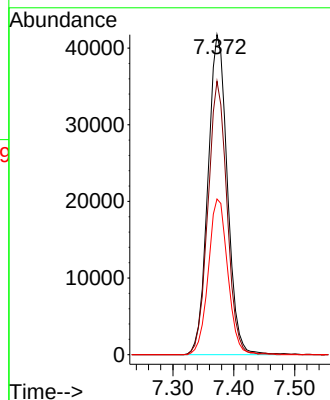
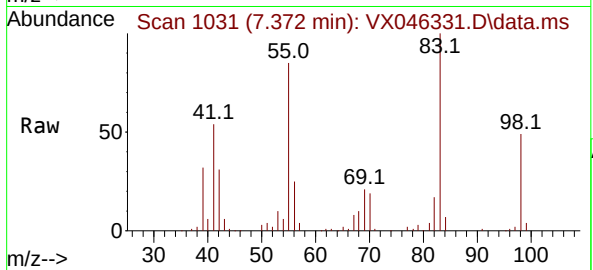
VSTDCCC050

Tgt Ion: 83	Resp: 92549
Ion Ratio	Lower Upper
83 100	
55 85.5	64.7 97.1
98 48.7	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#40

Benzene

Concen: 50.133 ug/l

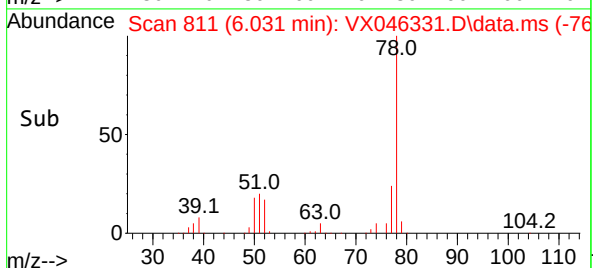
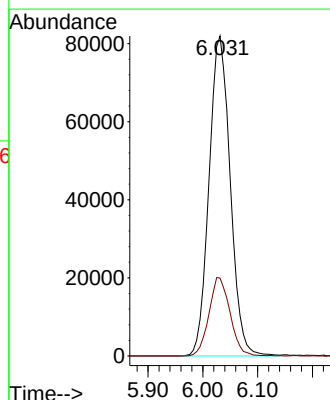
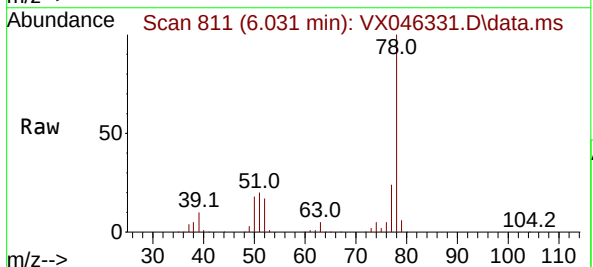
RT: 6.031 min Scan# 811

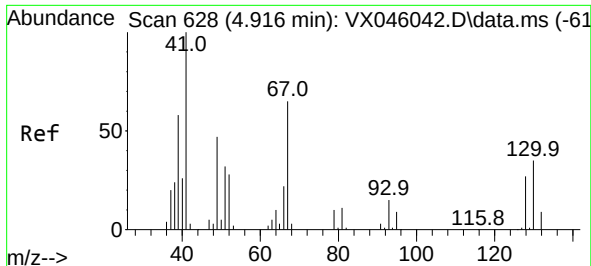
Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

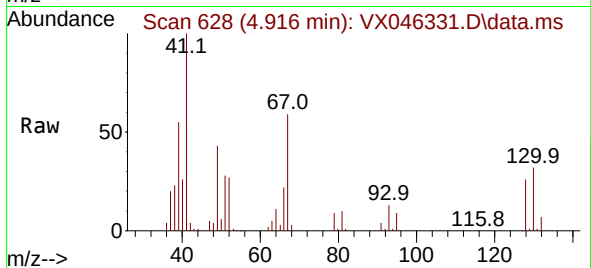
Tgt Ion: 78	Resp: 220133
Ion Ratio	Lower Upper
78 100	
77 24.4	19.0 28.4





#41
Methacrylonitrile
Concen: 58.302 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

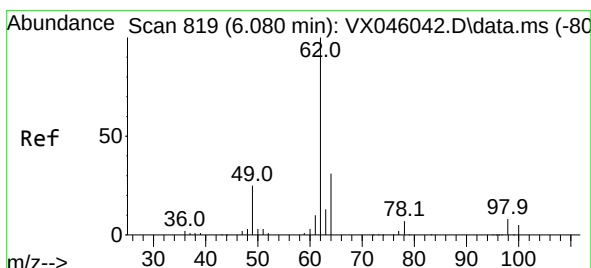
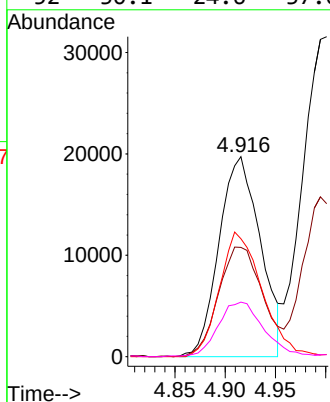
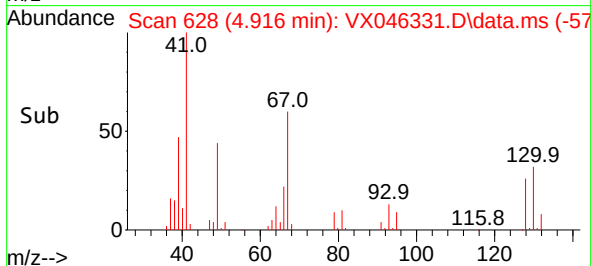
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5648
Ion Ratio Lower Upper
41 100
39 59.4 47.2 70.8
67 64.1 50.7 76.1
52 30.1 24.6 37.0

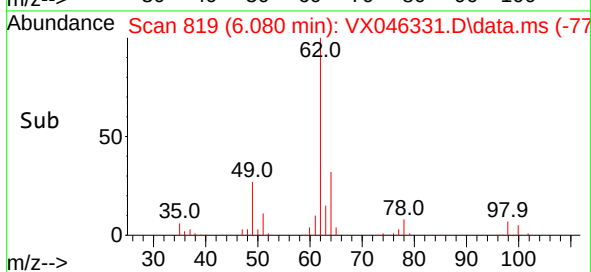
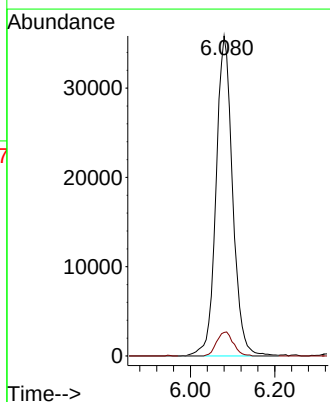
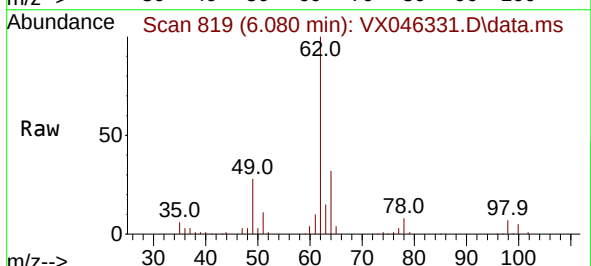
Manual Integrations
APPROVED

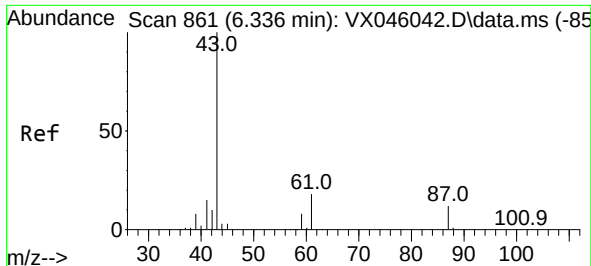
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#42
1,2-Dichloroethane
Concen: 51.375 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion: 62 Resp: 97361
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43

Isopropyl Acetate

Concen: 55.999 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX046331.D

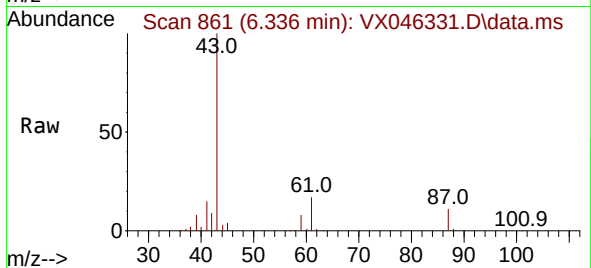
Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

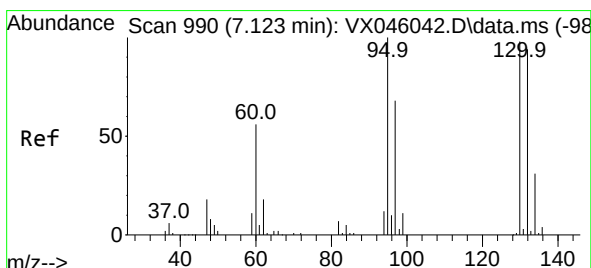
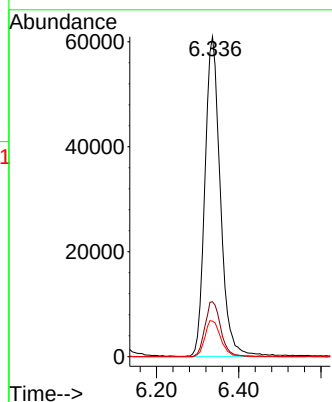
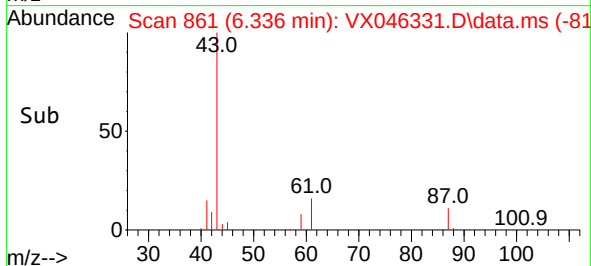


Tgt Ion: 43	Resp: 158225
Ion Ratio	Lower Upper
43	100
61	17.6 14.3 21.5
87	11.6 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#44

Trichloroethene

Concen: 50.279 ug/l

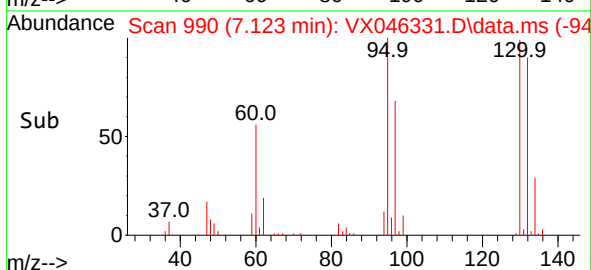
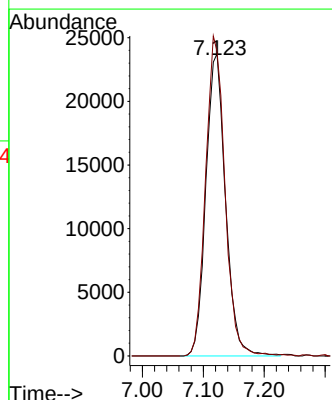
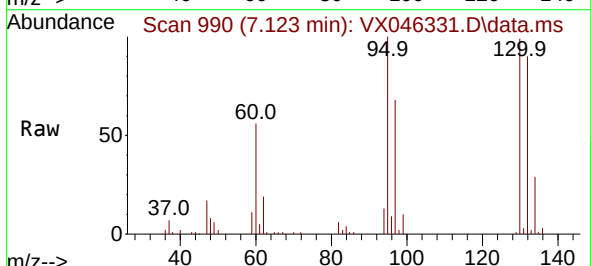
RT: 7.123 min Scan# 990

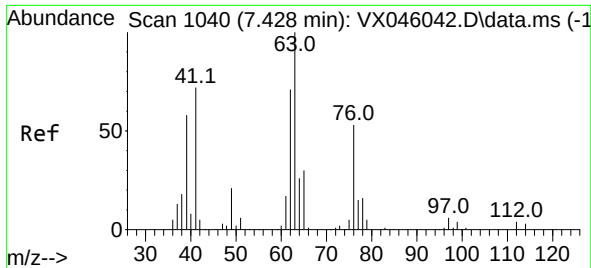
Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Tgt Ion:130	Resp: 53136
Ion Ratio	Lower Upper
130	100
95	100.8 0.0 204.2





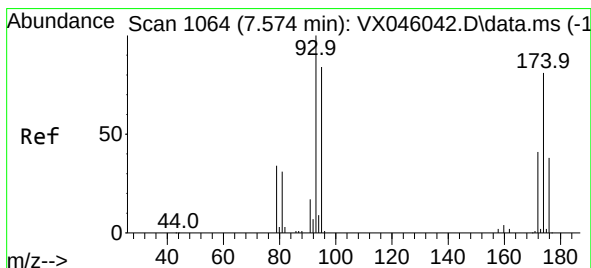
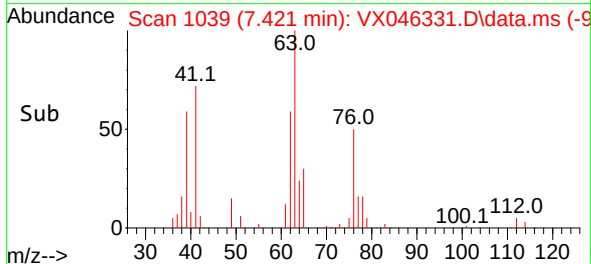
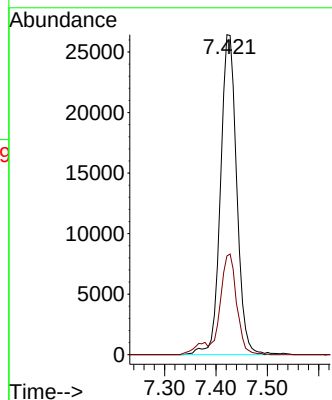
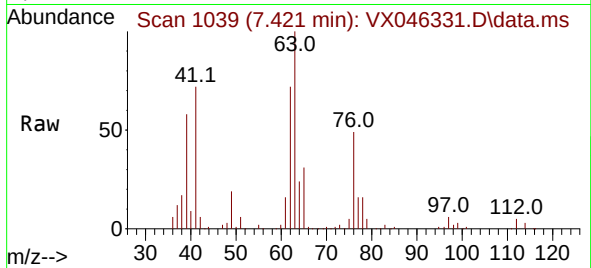
#45
1,2-Dichloropropane
Concen: 53.136 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 58010
Ion Ratio Lower Upper
63 100
65 30.8 24.1 36.1

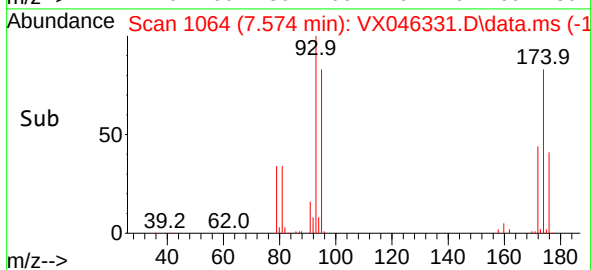
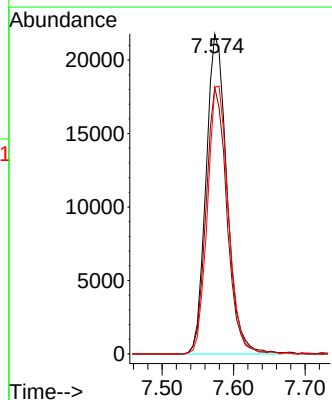
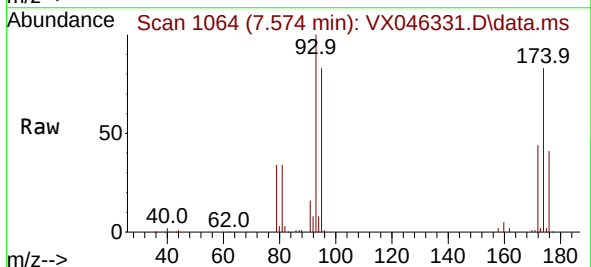
Manual Integrations
APPROVED

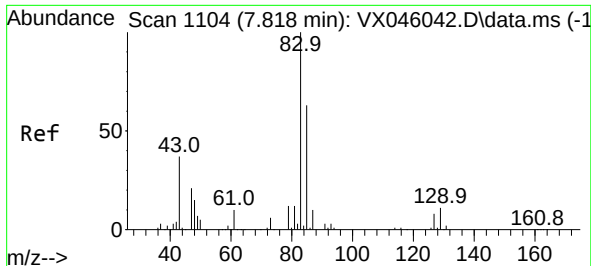
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#46
Dibromomethane
Concen: 51.454 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion: 93 Resp: 44309
Ion Ratio Lower Upper
93 100
95 82.7 65.6 98.4
174 84.2 68.2 102.2





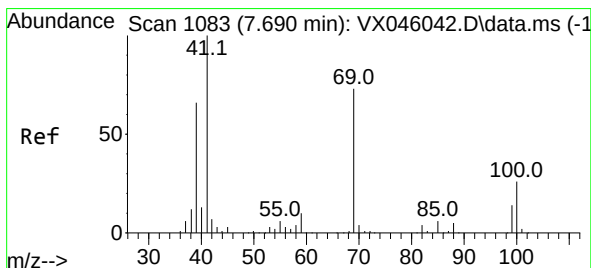
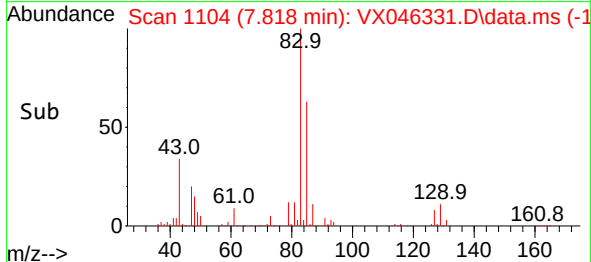
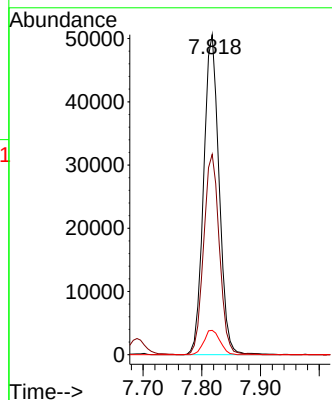
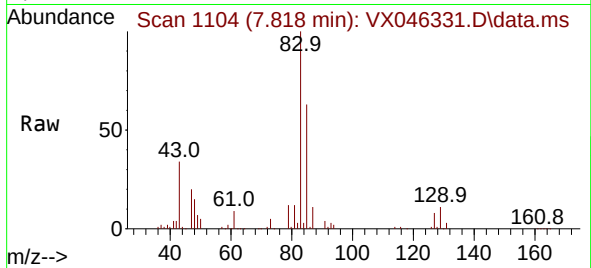
#47
Bromodichloromethane
Concen: 54.392 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9225
Ion Ratio Lower Upper
83 100
85 62.6 50.5 75.7
127 7.6 6.5 9.7

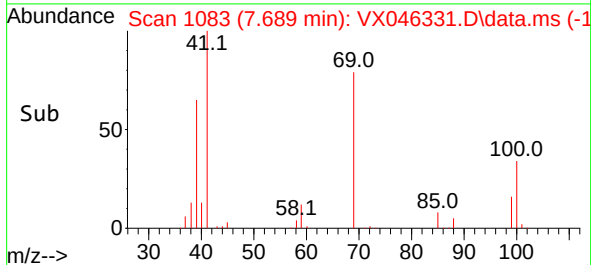
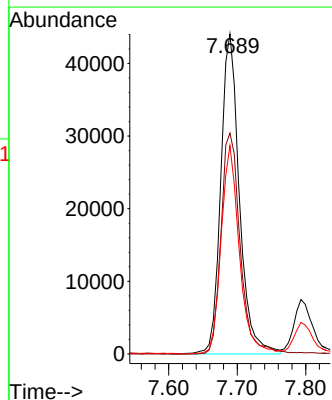
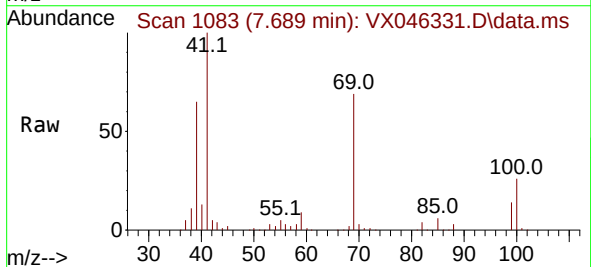
Manual Integrations
APPROVED

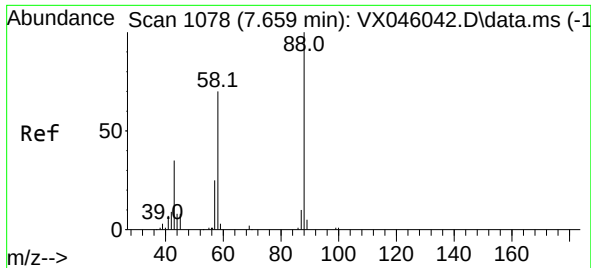
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#48
Methyl methacrylate
Concen: 57.467 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion: 41 Resp: 82925
Ion Ratio Lower Upper
41 100
69 72.0 58.5 87.7
39 63.5 51.7 77.5





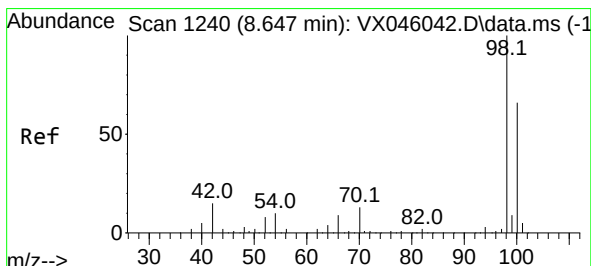
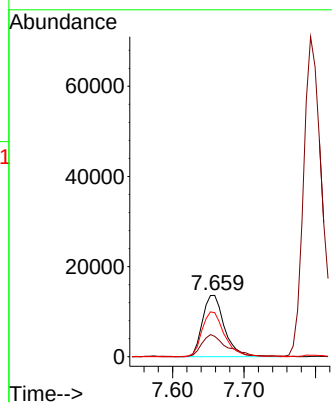
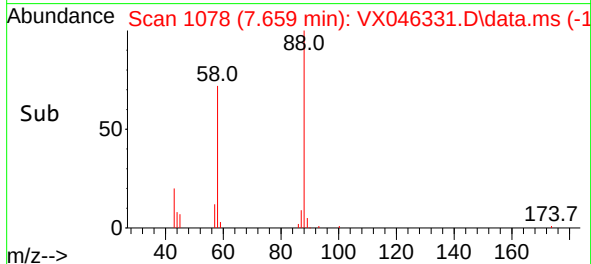
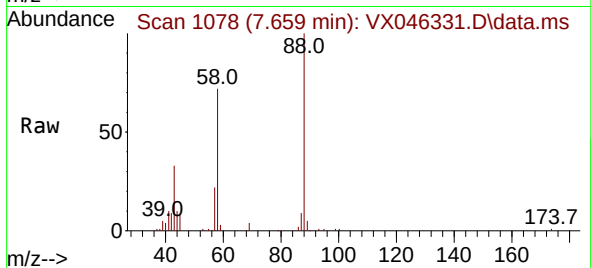
#49
1,4-Dioxane
Concen: 1053.147 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 2885
Ion Ratio Lower Upper
88 100
43 42.3 33.4 50.2
58 74.9 58.6 88.0

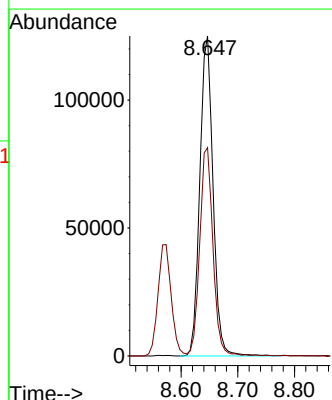
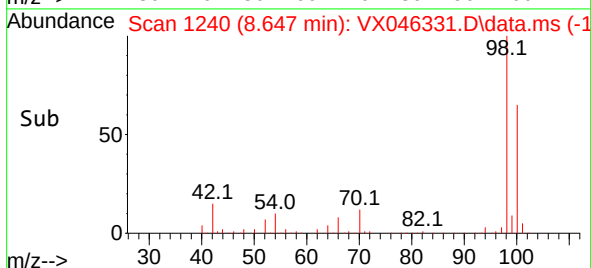
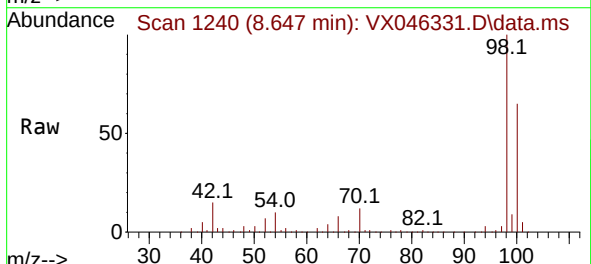
Manual Integrations
APPROVED

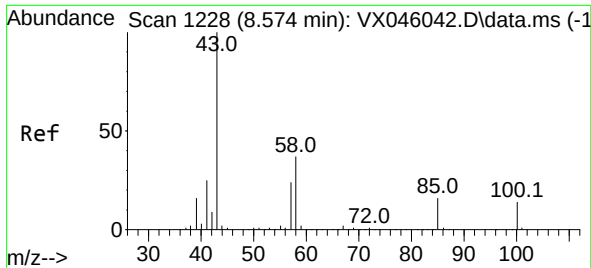
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#50
Toluene-d8
Concen: 52.423 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion: 98 Resp: 202439
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3





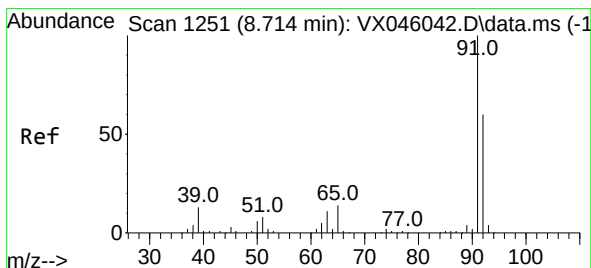
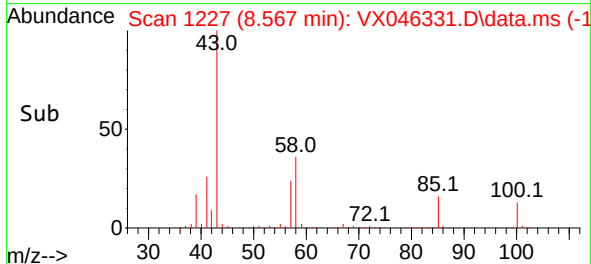
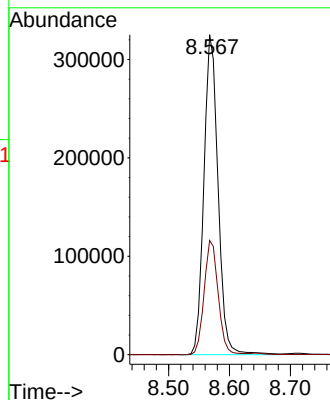
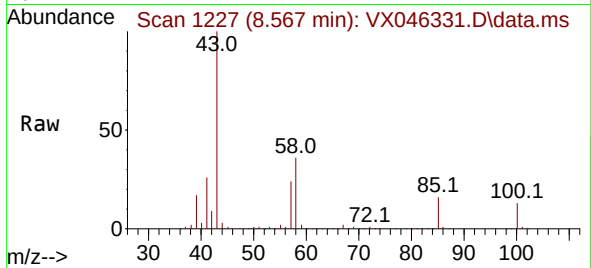
#51
4-Methyl-2-Pentanone
Concen: 279.753 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 524680
Ion Ratio Lower Upper
43 100
58 35.5 28.9 43.3

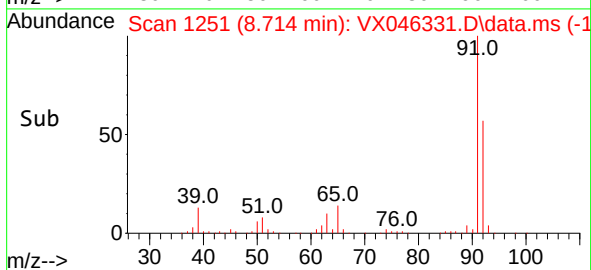
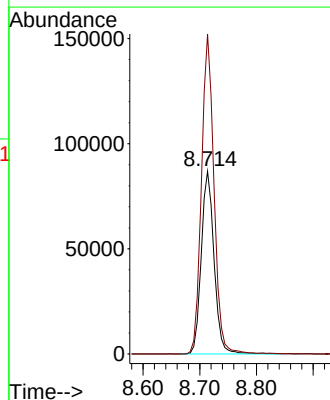
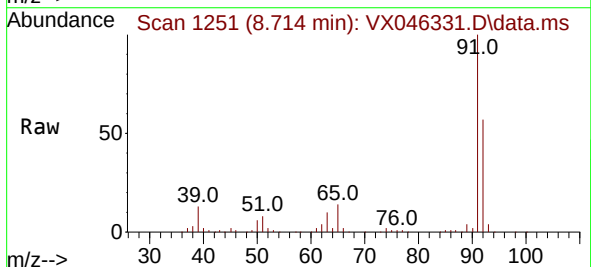
Manual Integrations
APPROVED

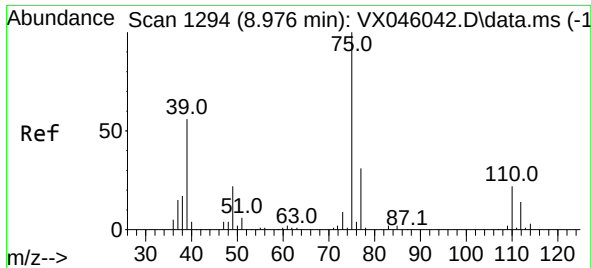
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#52
Toluene
Concen: 50.537 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion: 92 Resp: 136068
Ion Ratio Lower Upper
92 100
91 172.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 55.750 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 8404

Ion Ratio Lower Upper

75 100

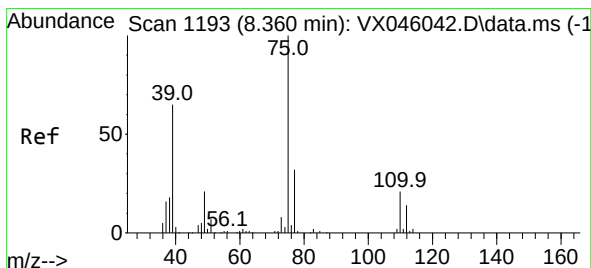
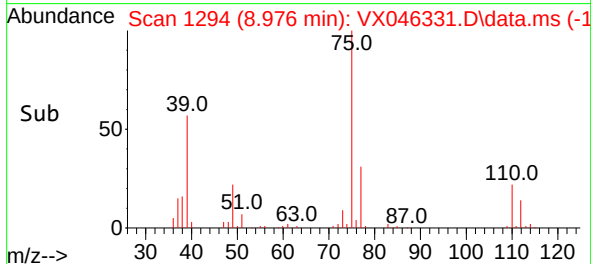
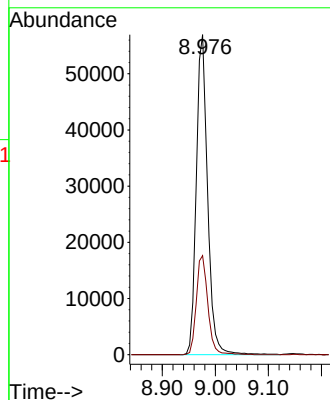
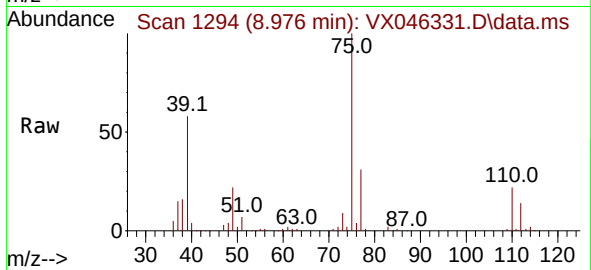
77 30.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025

Supervised By :Mahesh Dadoda 05/26/2025



#54

cis-1,3-Dichloropropene

Concen: 54.982 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

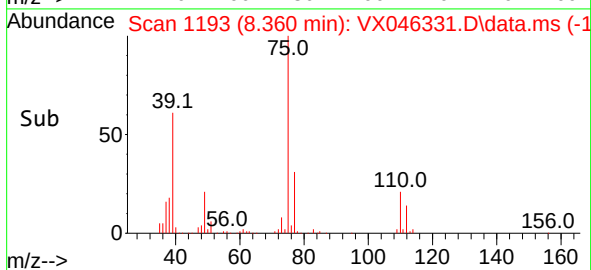
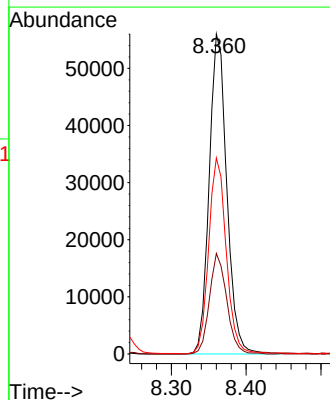
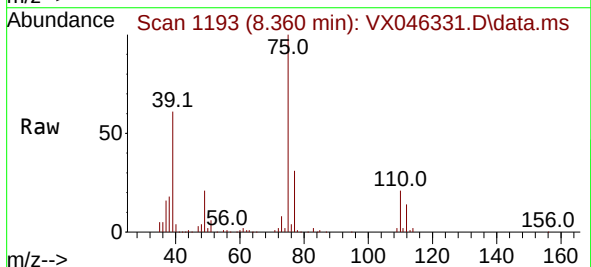
Tgt Ion: 75 Resp: 91612

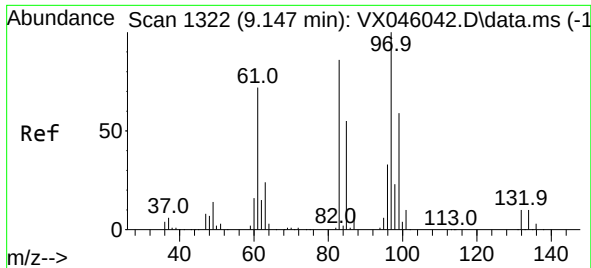
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 61.1 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 53.371 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

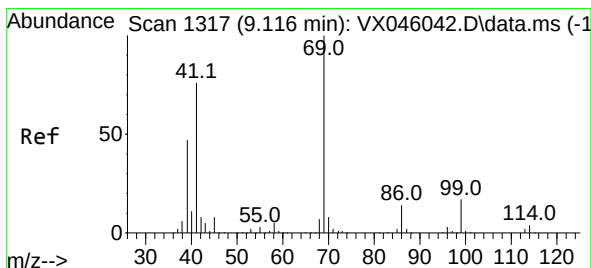
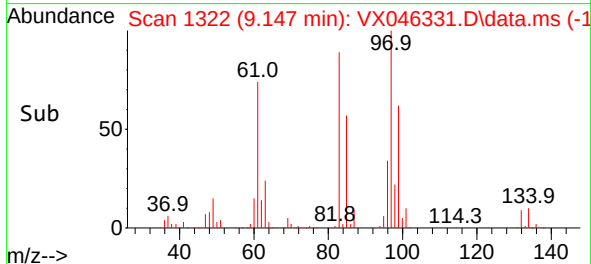
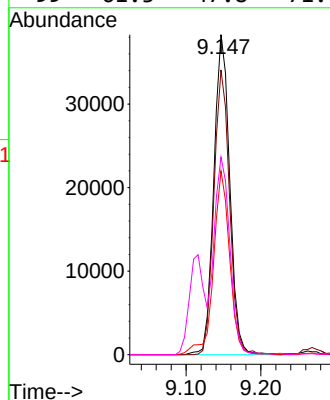
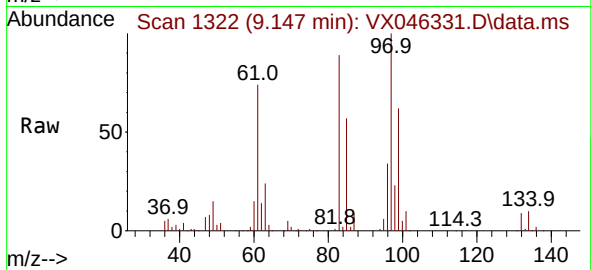
VSTDCCC050

Tgt Ion: 97 Resp: 5666
Ion Ratio Lower Upper
97 100
83 89.0 69.0 103.6
85 57.5 44.3 66.5
99 61.3 47.8 71.6

Manual Integrations

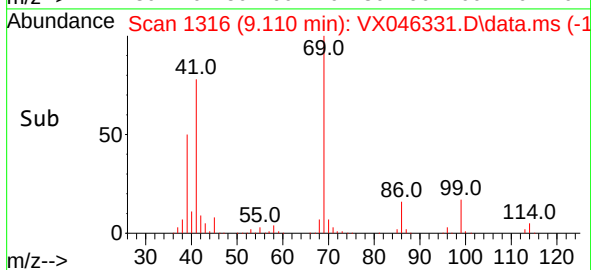
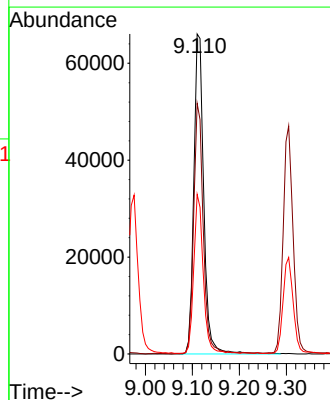
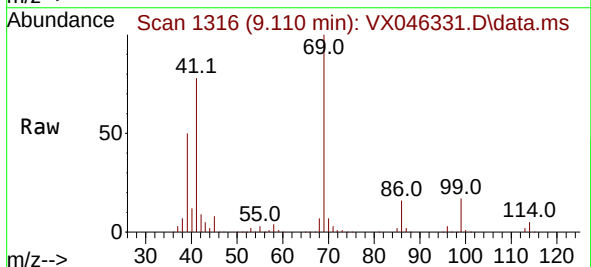
APPROVED

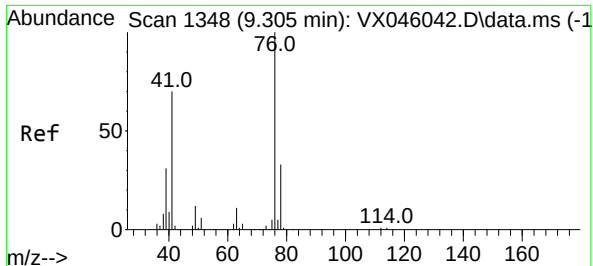
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#56
Ethyl methacrylate
Concen: 57.619 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion: 69 Resp: 97493
Ion Ratio Lower Upper
69 100
41 75.9 60.8 91.2
39 47.4 39.0 58.6





#57

1,3-Dichloropropane

Concen: 51.895 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9894

Ion Ratio Lower Upper

76 100

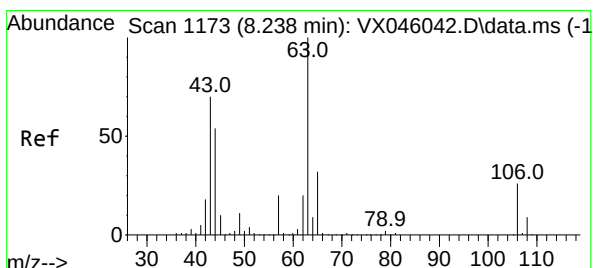
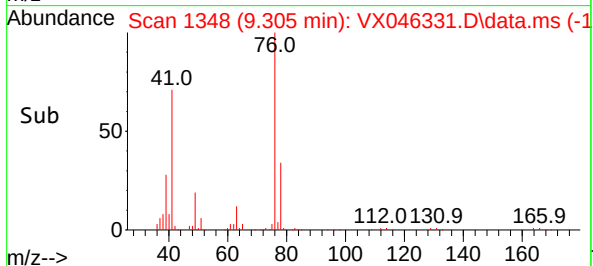
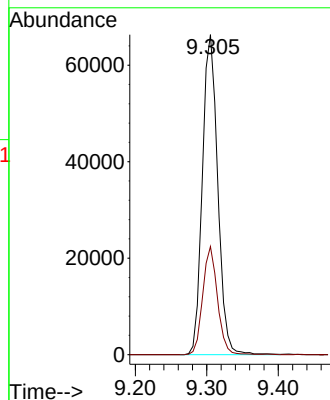
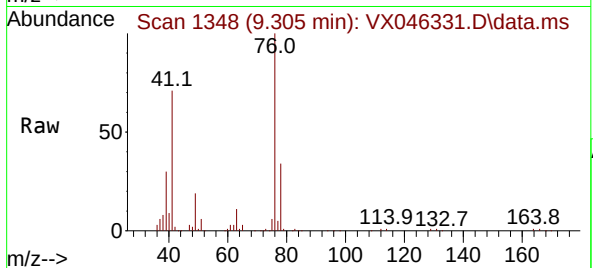
78 32.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025

Supervised By :Mahesh Dadoda 05/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 268.416 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046331.D

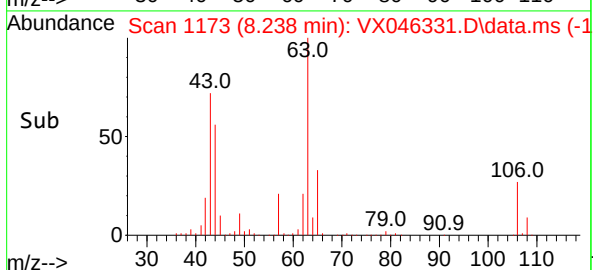
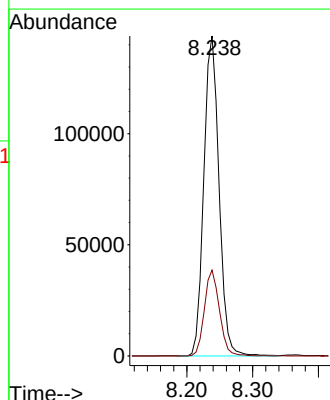
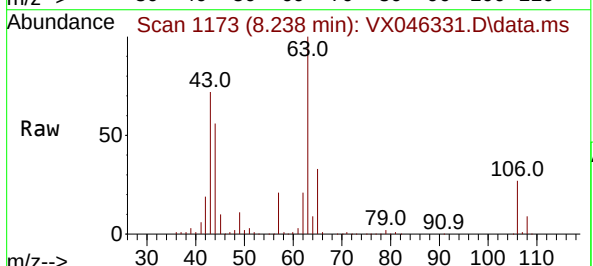
Acq: 23 May 2025 09:24

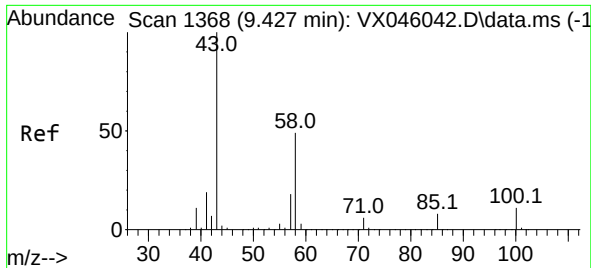
Tgt Ion: 63 Resp: 231542

Ion Ratio Lower Upper

63 100

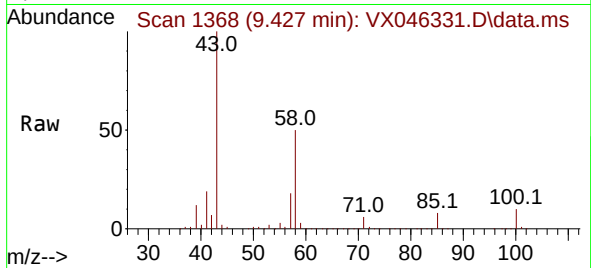
106 26.5 21.5 32.3





#59
2-Hexanone
Concen: 285.172 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

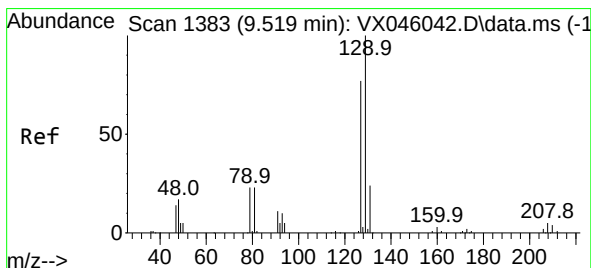
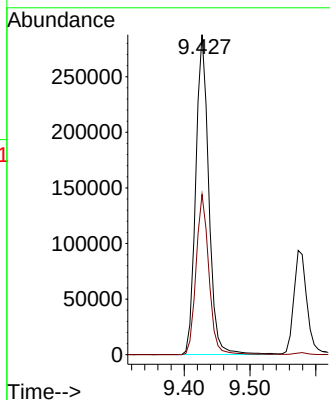
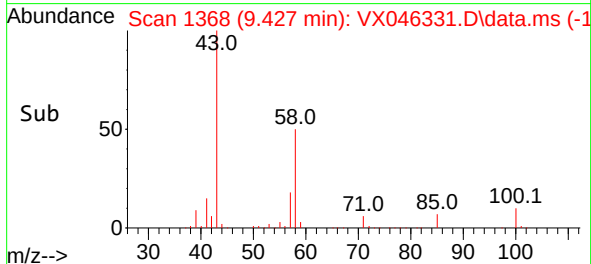
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 395700
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

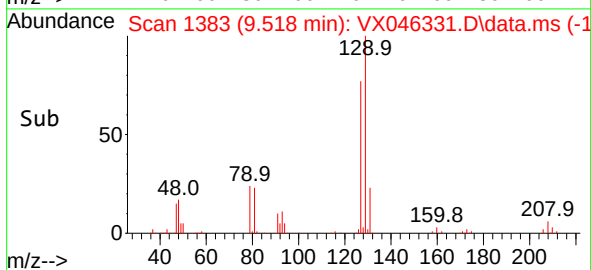
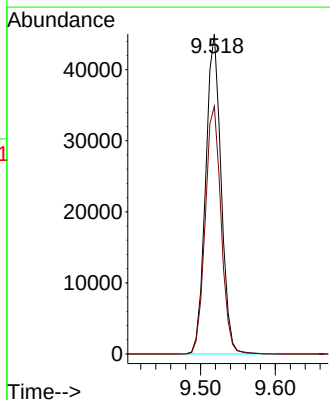
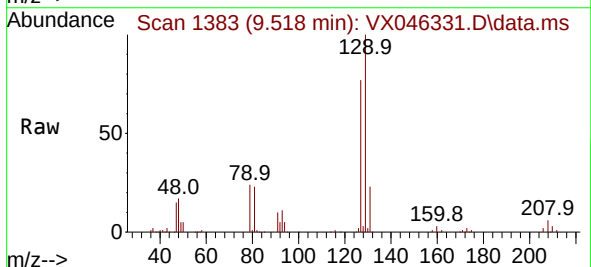
Manual Integrations
APPROVED

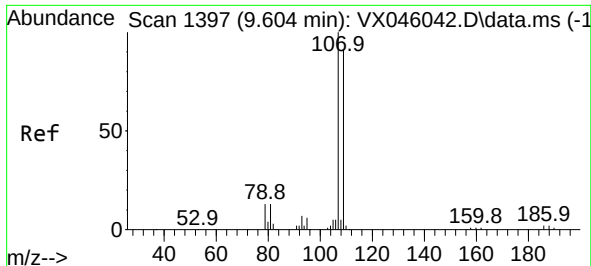
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#60
Dibromochloromethane
Concen: 55.399 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion:129 Resp: 64591
Ion Ratio Lower Upper
129 100
127 79.4 39.3 117.8





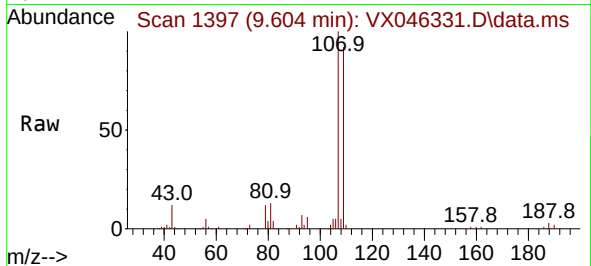
#61
1,2-Dibromoethane
Concen: 52.931 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

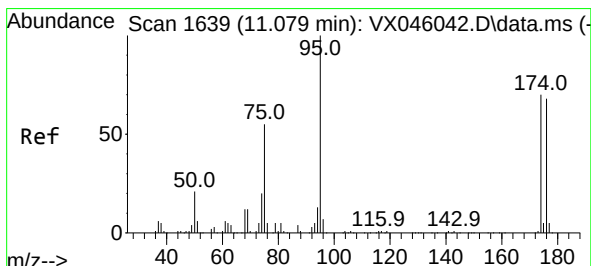
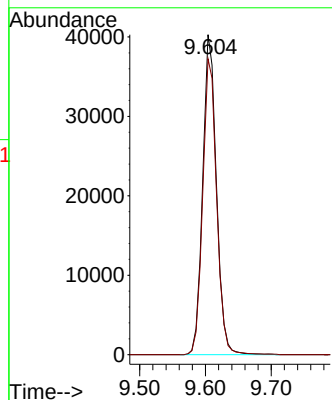
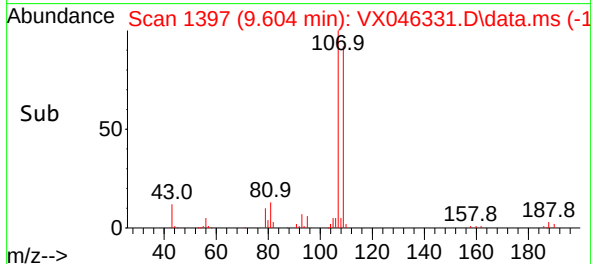


Tgt Ion:107 Resp: 5840
Ion Ratio Lower Upper
107 100
109 93.9 73.3 109.9

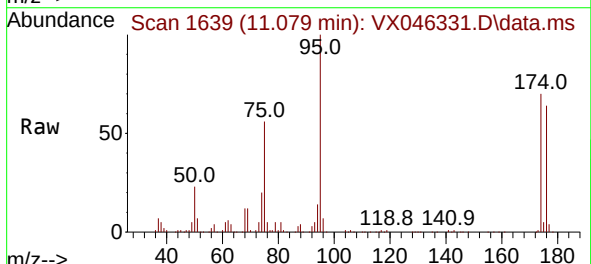
Manual Integrations

APPROVED

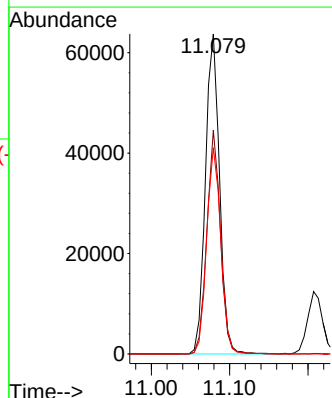
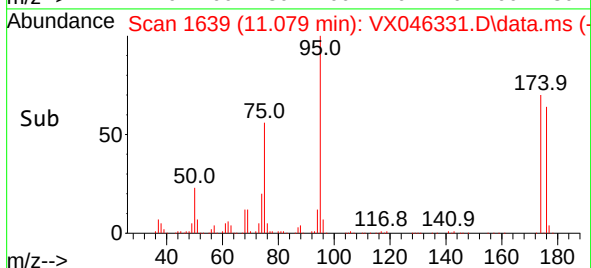
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

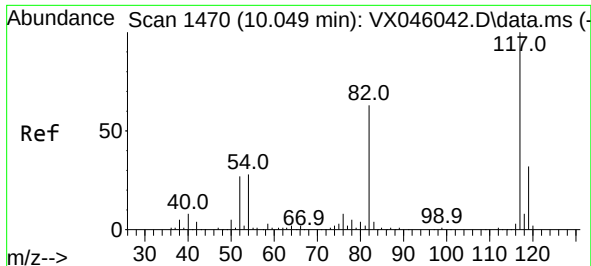


#62
4-Bromofluorobenzene
Concen: 53.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24



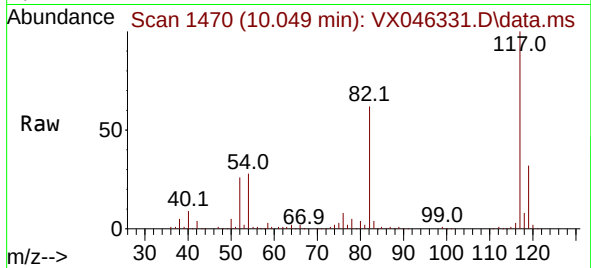
Tgt Ion: 95 Resp: 79568
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 64.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

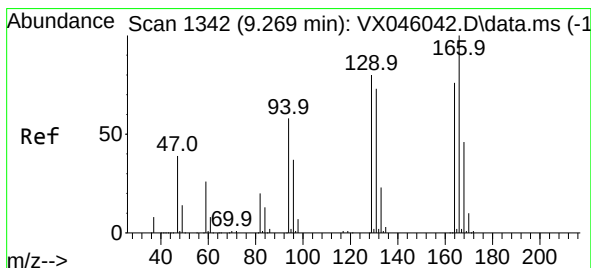
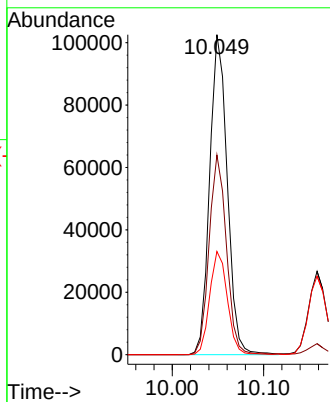
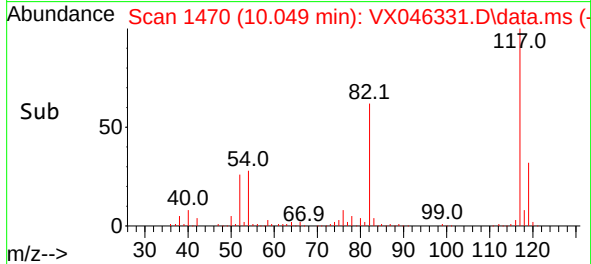
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 137123
Ion Ratio Lower Upper
117 100
82 62.4 50.6 76.0
119 32.2 25.8 38.6

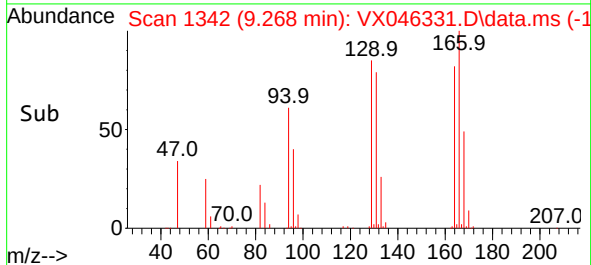
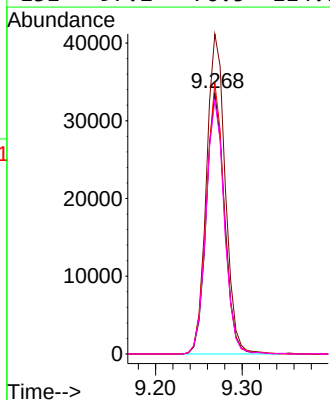
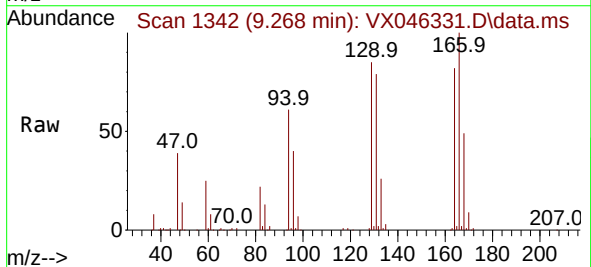
Manual Integrations
APPROVED

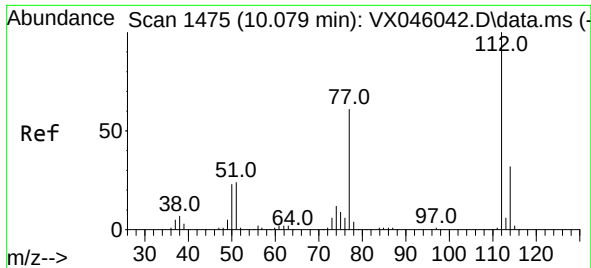
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#64
Tetrachloroethene
Concen: 50.481 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

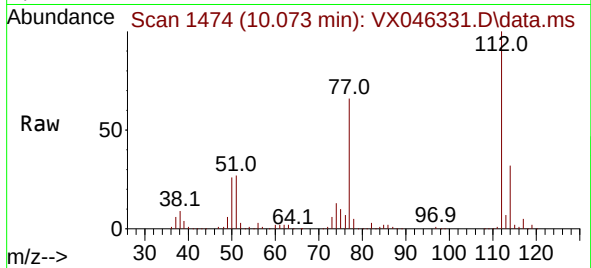
Tgt Ion:164 Resp: 48977
Ion Ratio Lower Upper
164 100
166 122.6 105.0 157.6
129 103.9 83.5 125.3
131 97.2 76.5 114.7





#65
Chlorobenzene
Concen: 49.525 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

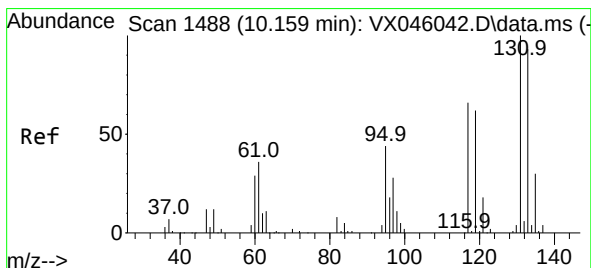
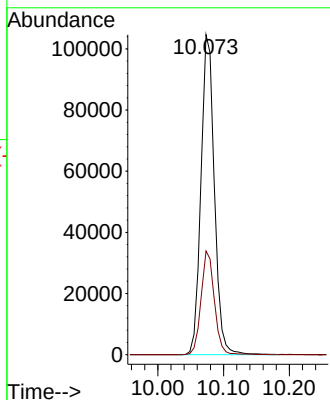
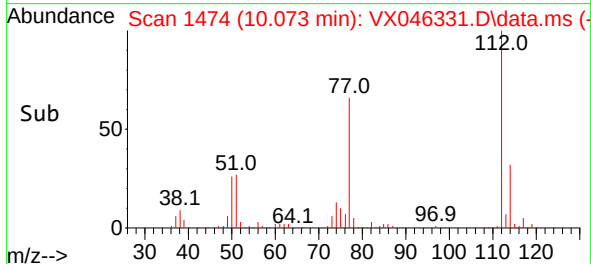
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 148639
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

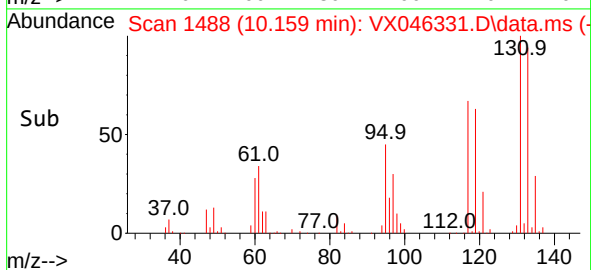
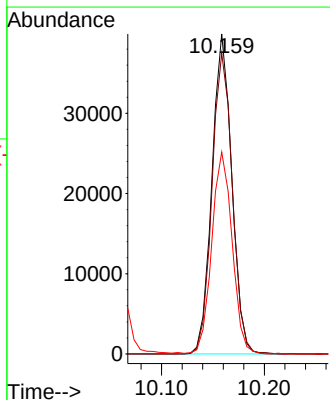
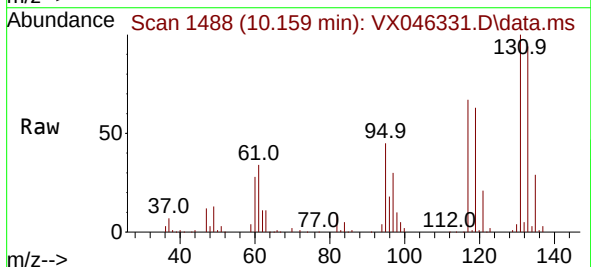
Manual Integrations
APPROVED

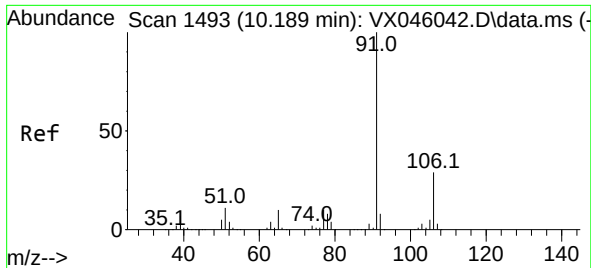
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.010 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

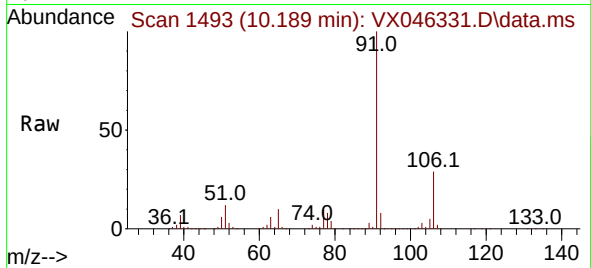
Tgt Ion:131 Resp: 53302
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.9
119 64.8 31.6 95.0





#67
Ethyl Benzene
Concen: 51.457 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

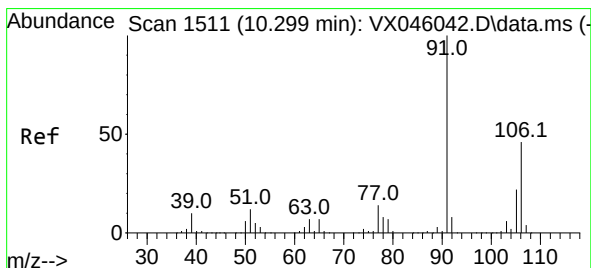
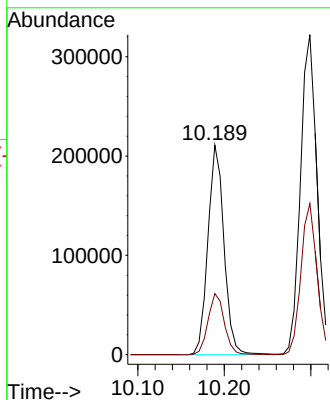
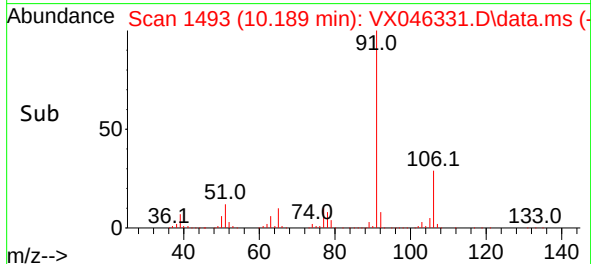
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 27223
Ion Ratio Lower Upper
91 100
106 29.2 23.4 35.2

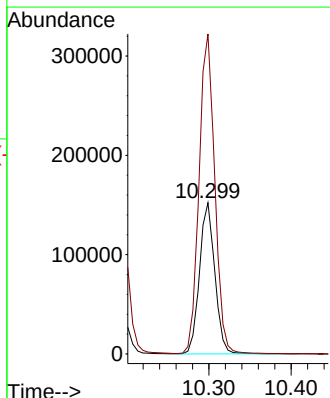
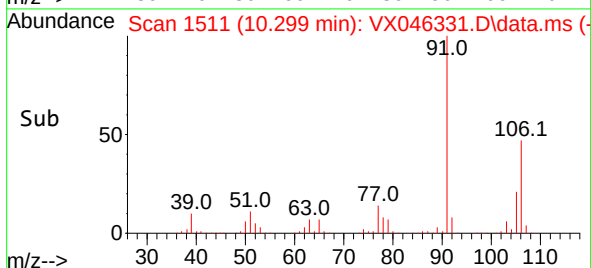
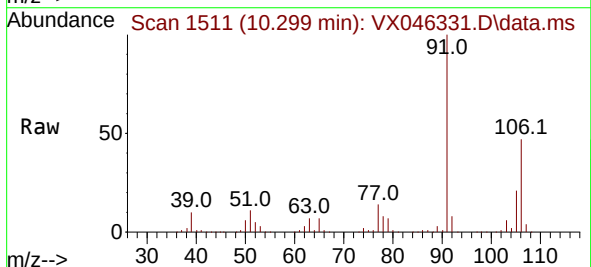
Manual Integrations
APPROVED

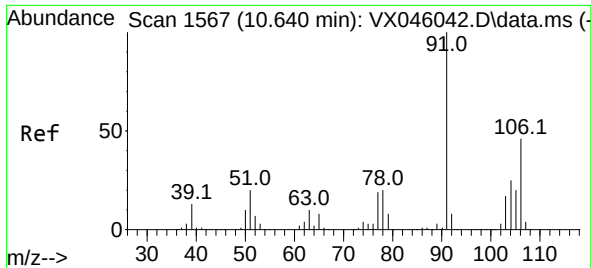
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#68
m/p-Xylenes
Concen: 101.954 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion:106 Resp: 197275
Ion Ratio Lower Upper
106 100
91 217.8 171.2 256.8





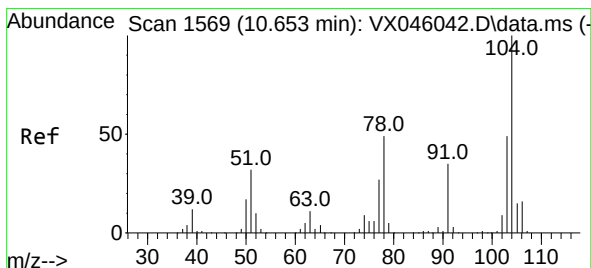
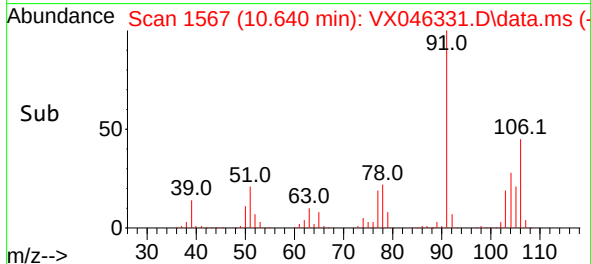
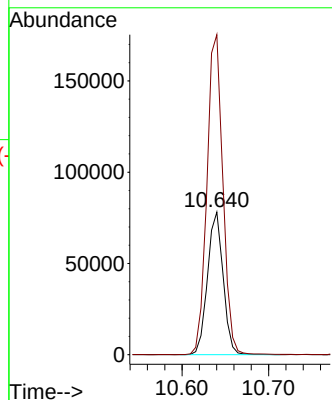
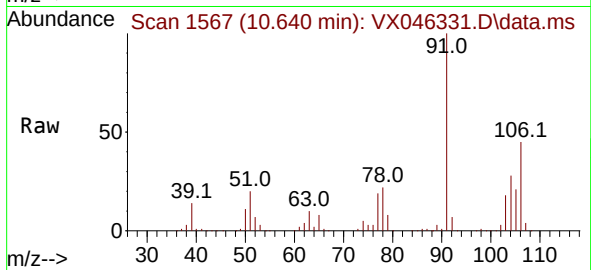
#69
o-Xylene
Concen: 51.899 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9790
Ion Ratio Lower Upper
106 100
91 229.1 112.7 338.1

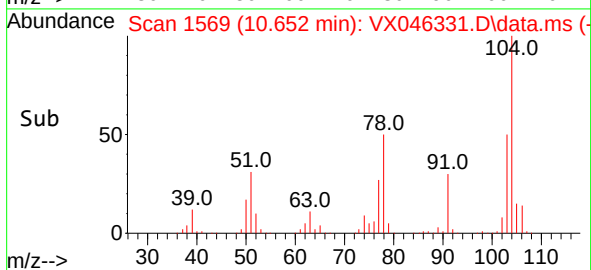
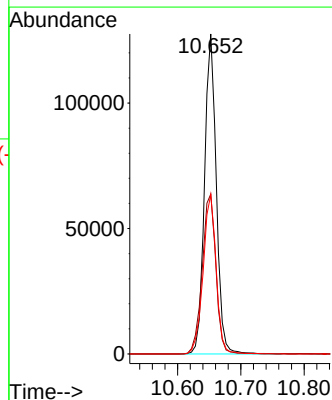
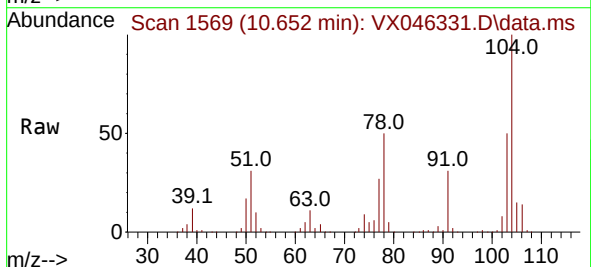
Manual Integrations
APPROVED

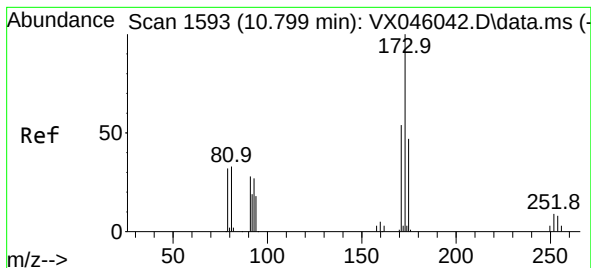
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#70
Styrene
Concen: 53.599 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion:104 Resp: 165627
Ion Ratio Lower Upper
104 100
78 58.1 45.7 68.5
103 55.3 43.7 65.5





#71

Bromoform

Concen: 55.224 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

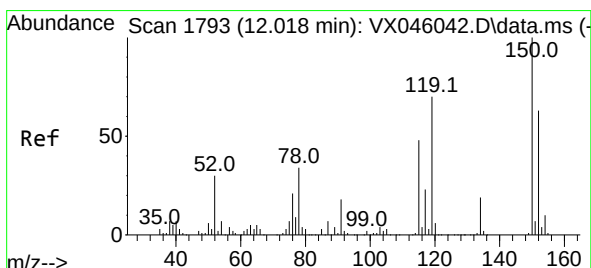
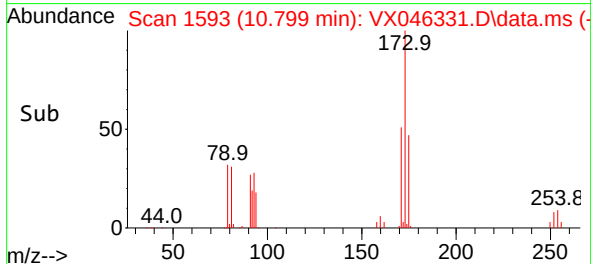
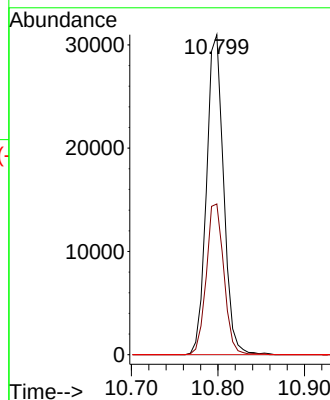
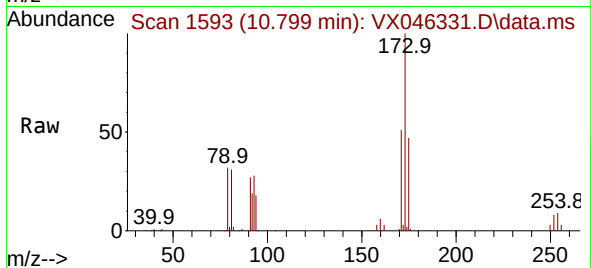
VSTDCCC050

Tgt Ion:173	Resp:	4249
Ion Ratio	Lower	Upper
173	100	
175	48.6	23.4 70.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

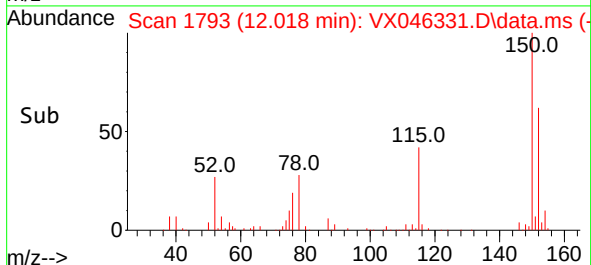
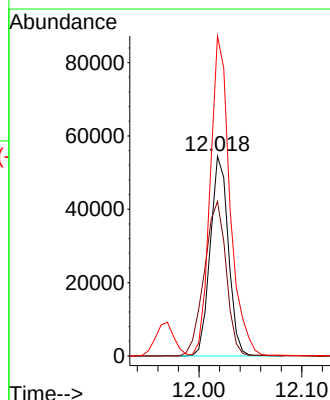
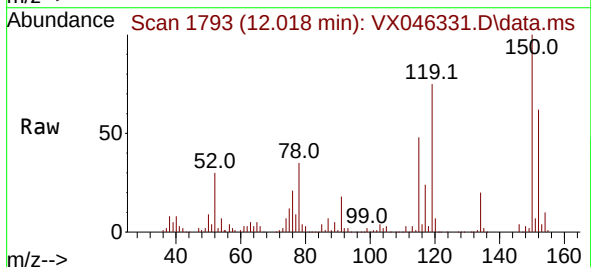
RT: 12.018 min Scan# 1793

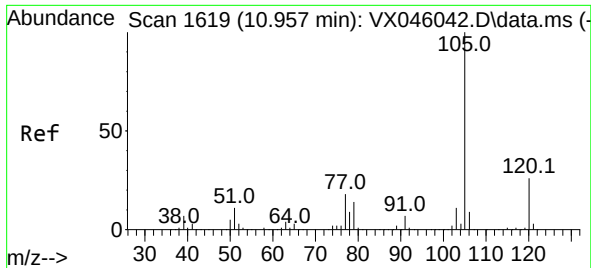
Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

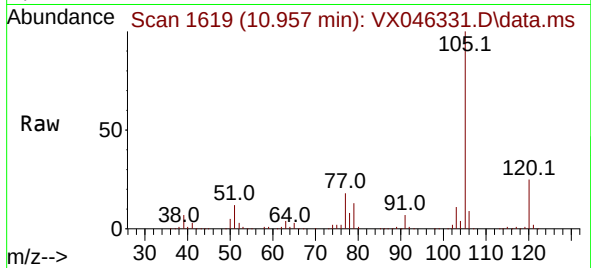
Tgt Ion:152	Resp:	66629
Ion Ratio	Lower	Upper
152	100	
115	93.5	46.9 140.7
150	175.2	0.0 351.0





#73
Isopropylbenzene
Concen: 51.196 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

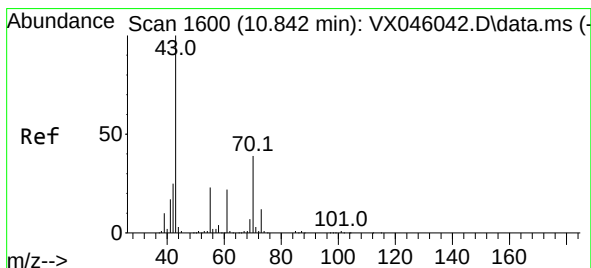
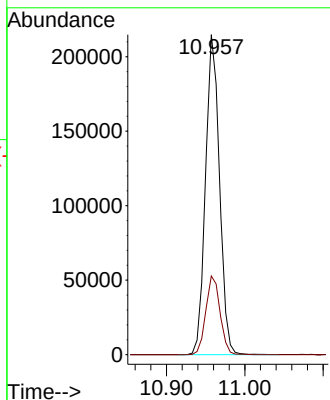
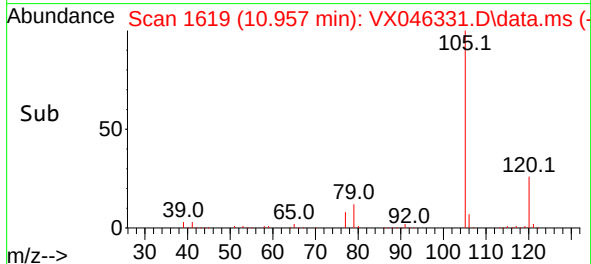
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 265569
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4

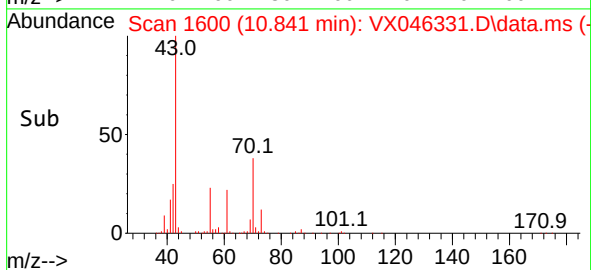
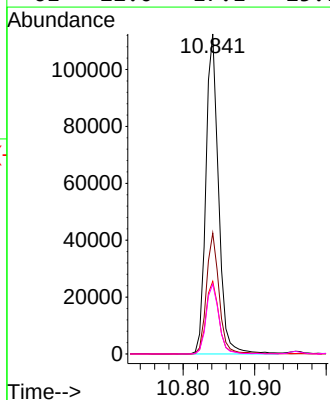
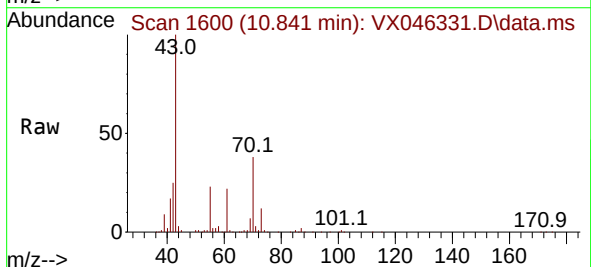
Manual Integrations
APPROVED

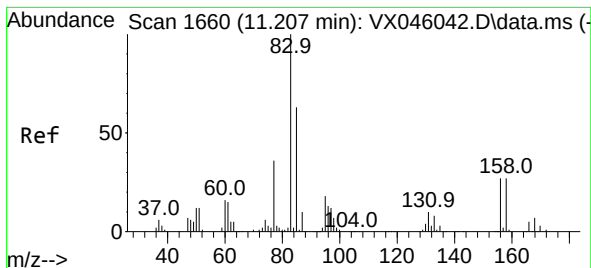
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#74
N-ethyl acetate
Concen: 54.091 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Tgt Ion: 43 Resp: 138648
Ion Ratio Lower Upper
43 100
70 37.7 30.9 46.3
55 23.4 18.7 28.1
61 22.0 17.1 25.7





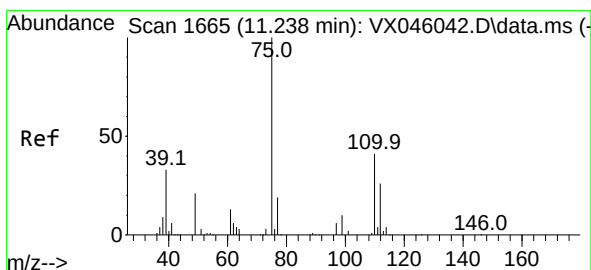
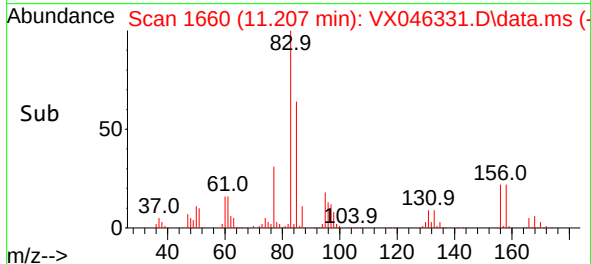
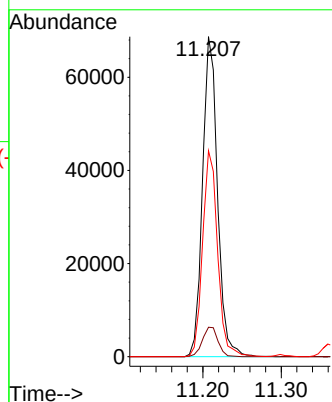
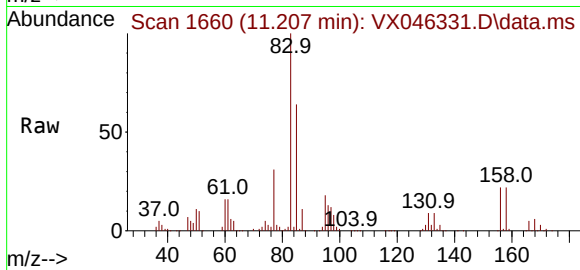
#75
1,1,2,2-Tetrachloroethane
Concen: 50.066 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 91010
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 64.5 31.9 95.7

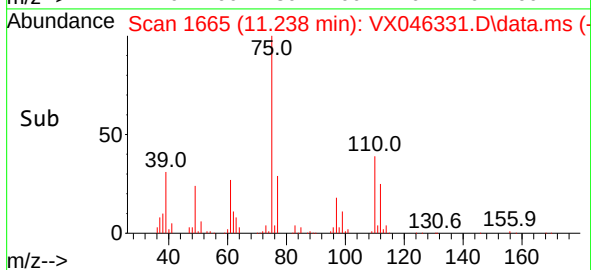
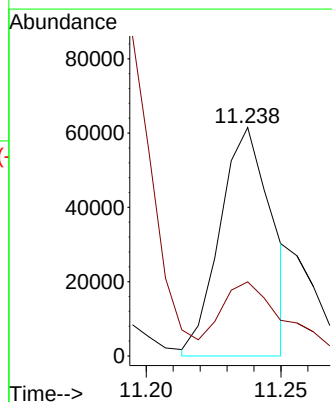
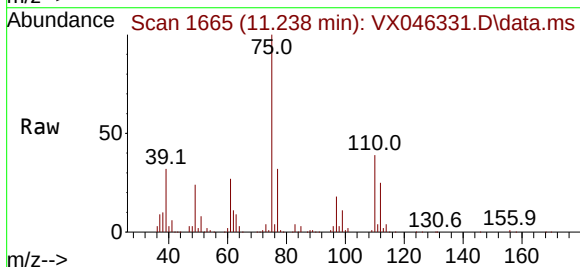
Manual Integrations
APPROVED

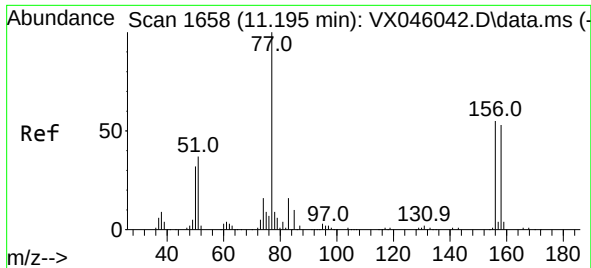
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#76
1,2,3-Trichloropropane
Concen: 51.027 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

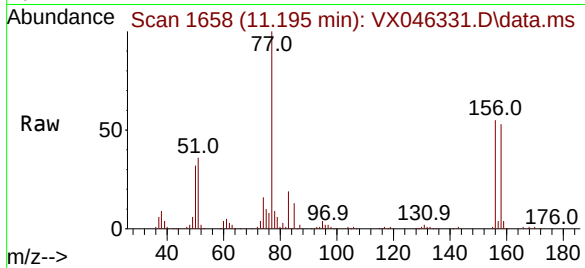
Tgt Ion: 75 Resp: 81837
Ion Ratio Lower Upper
75 100
77 40.8 20.5 61.5





#77
Bromobenzene
Concen: 49.441 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

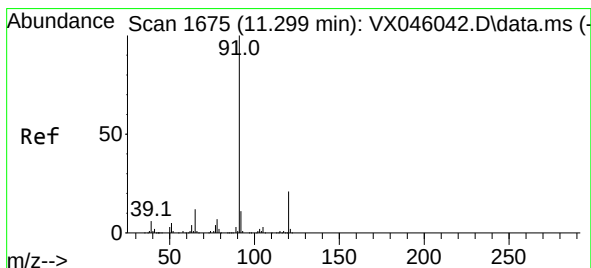
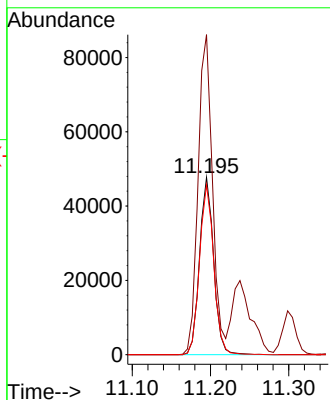
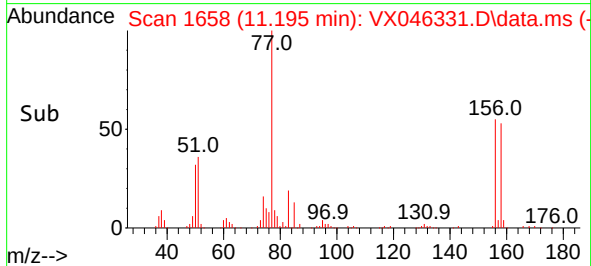
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



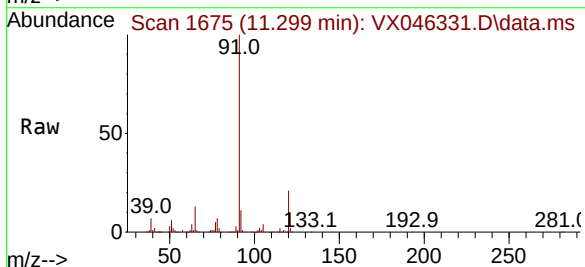
Tgt Ion:156 Resp: 5954
Ion Ratio Lower Upper
156 100
77 185.1 92.8 278.3
158 97.2 48.8 146.3

Manual Integrations
APPROVED

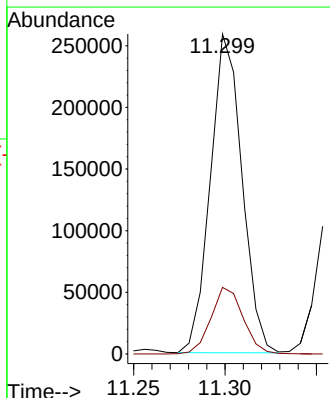
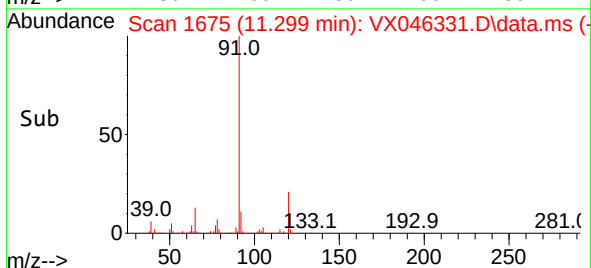
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

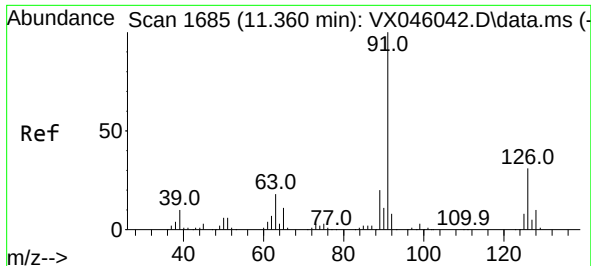


#78
n-propylbenzene
Concen: 51.673 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24



Tgt Ion: 91 Resp: 311660
Ion Ratio Lower Upper
91 100
120 21.2 10.8 32.4





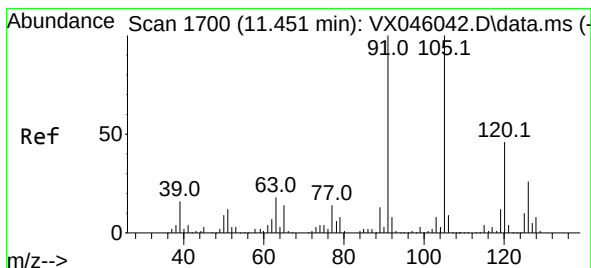
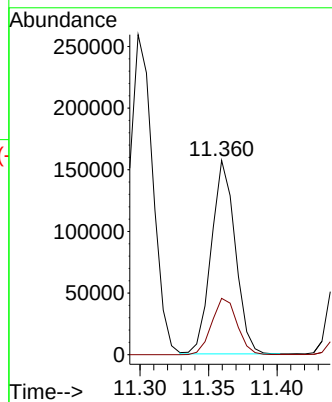
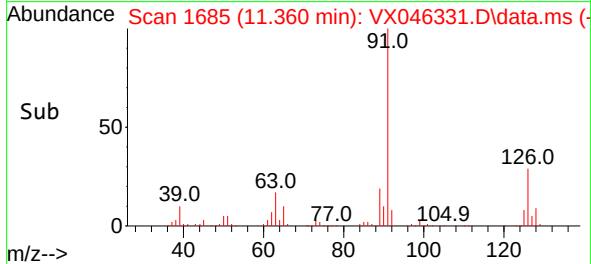
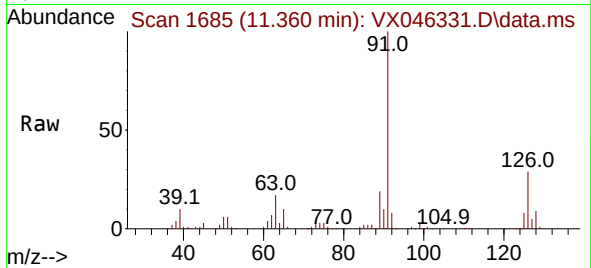
#79
2-Chlorotoluene
Concen: 49.128 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 19112
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.7

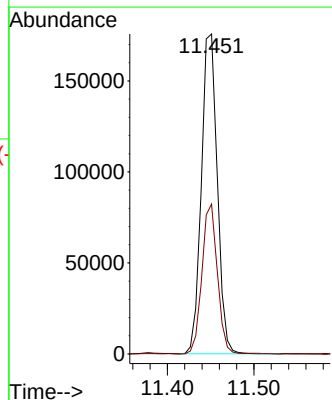
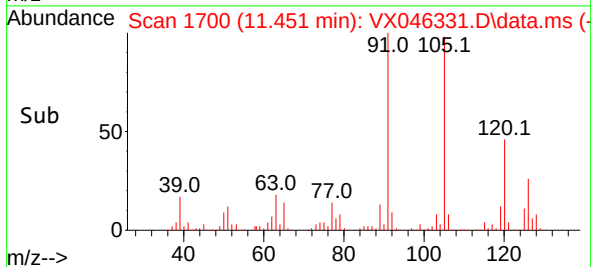
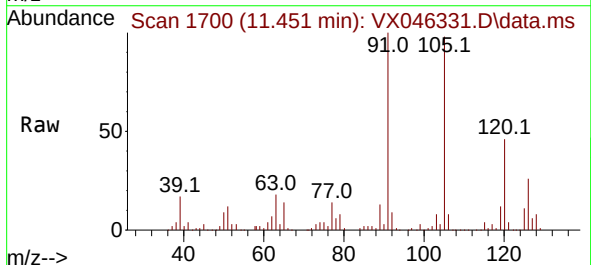
Manual Integrations
APPROVED

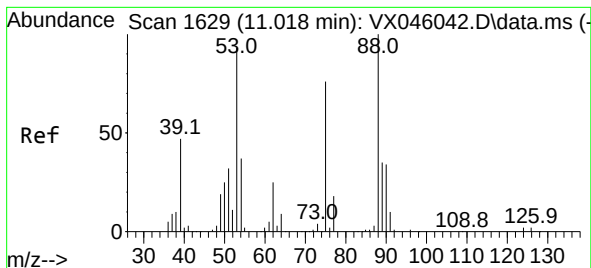
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.877 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

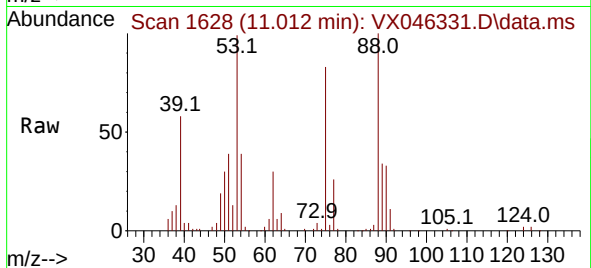
Tgt Ion:105 Resp: 224812
Ion Ratio Lower Upper
105 100
120 45.4 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 54.814 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

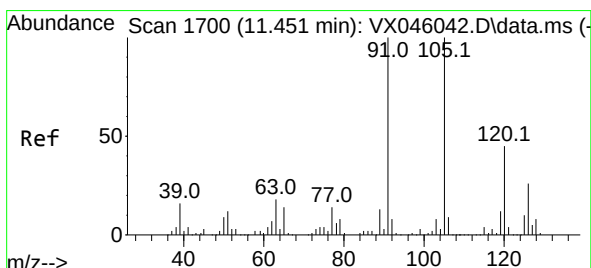
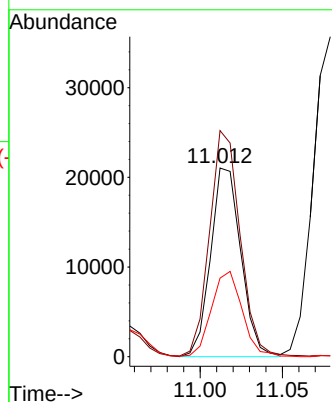
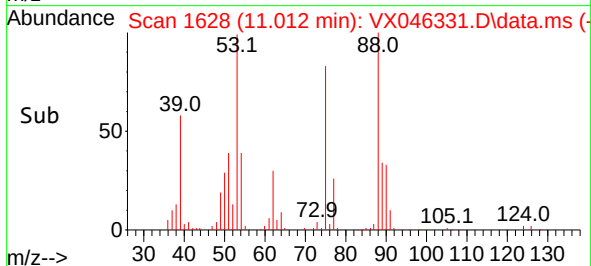
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2700
Ion Ratio Lower Upper
75 100
53 121.3 100.5 150.7
89 45.7 37.0 55.6

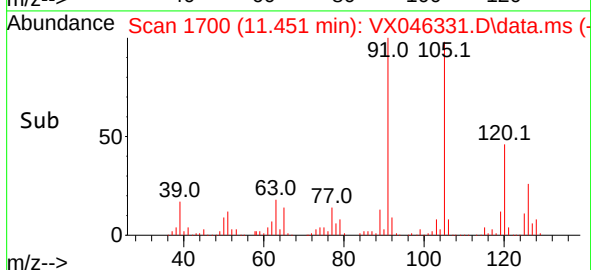
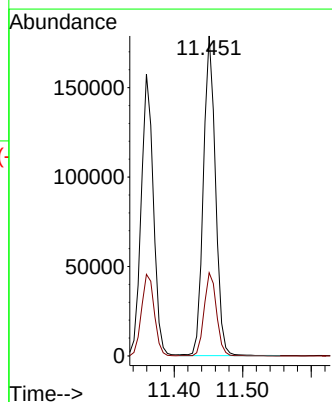
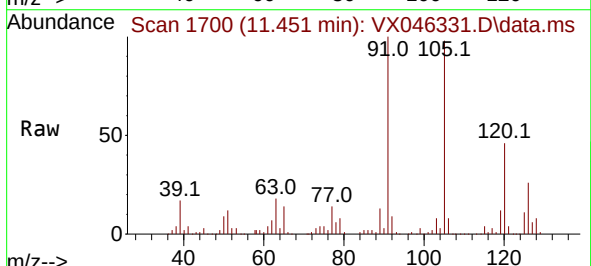
Manual Integrations
APPROVED

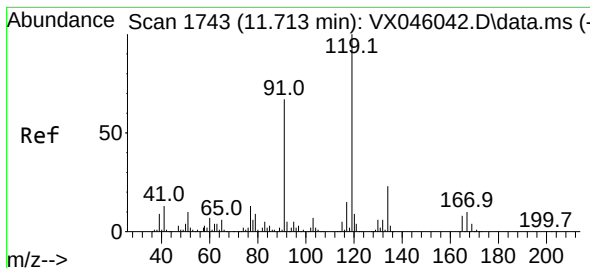
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#82
4-Chlorotoluene
Concen: 50.910 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

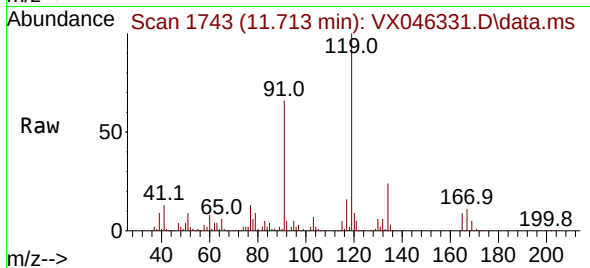
Tgt Ion: 91 Resp: 219638
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.8





#83
tert-Butylbenzene
Concen: 50.888 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

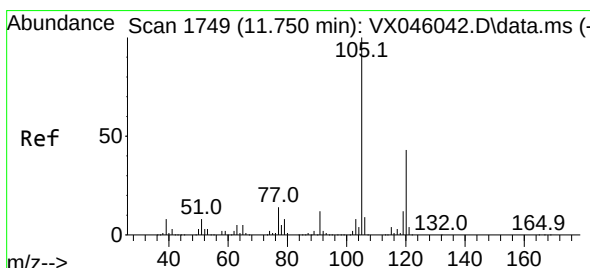
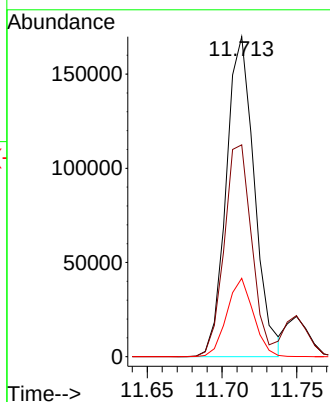
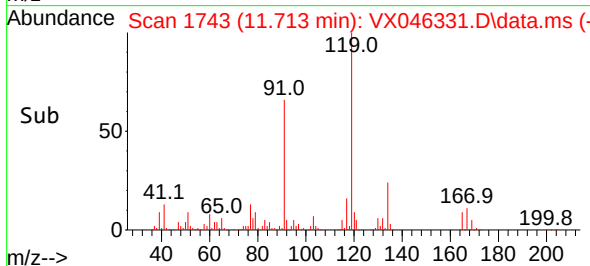
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



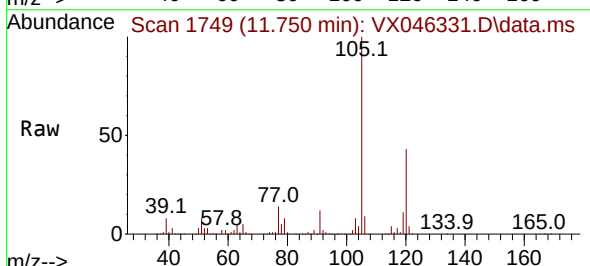
Tgt Ion:119 Resp: 222135
Ion Ratio Lower Upper
119 100
91 64.6 32.9 98.7
134 23.1 11.4 34.1

Manual Integrations
APPROVED

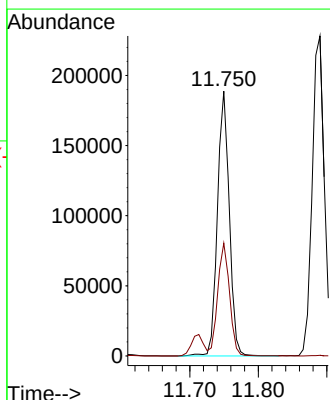
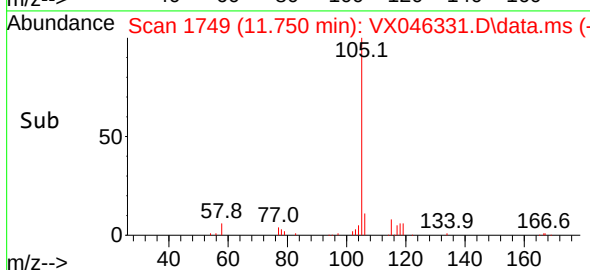
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

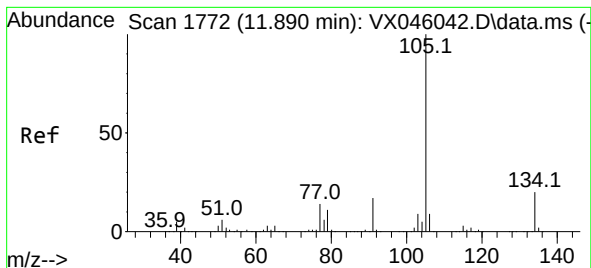


#84
1,2,4-Trimethylbenzene
Concen: 51.438 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24



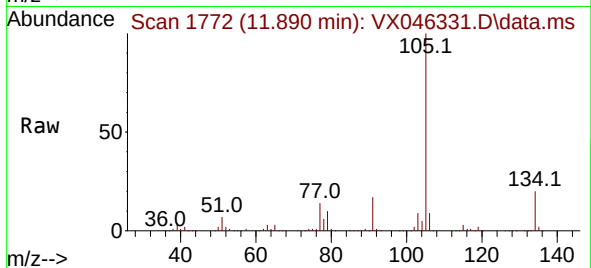
Tgt Ion:105 Resp: 225740
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.265 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046331.D
 Acq: 23 May 2025 09:24

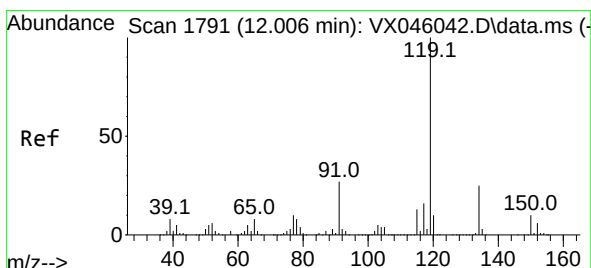
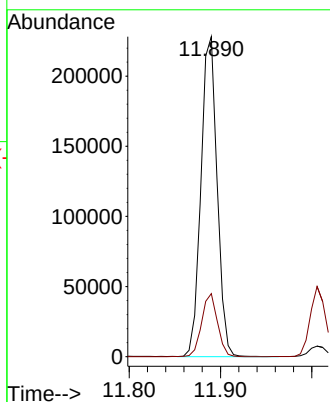
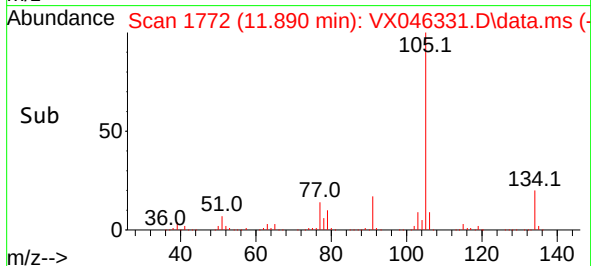
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



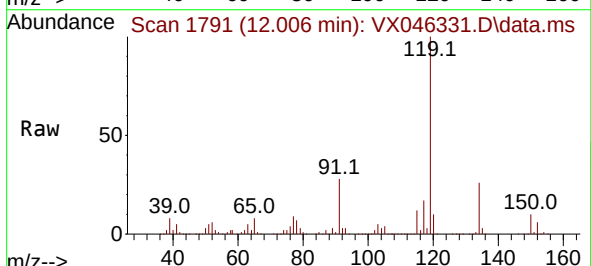
Tgt Ion:105 Resp: 28012
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

Manual Integrations
 APPROVED

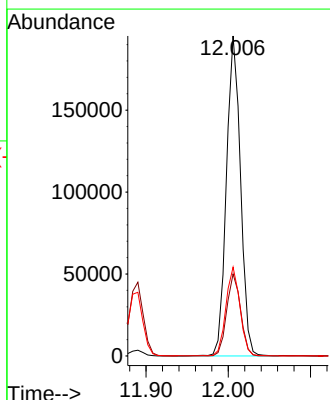
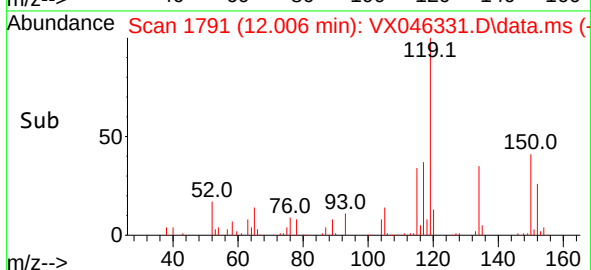
Reviewed By :Semsettin Yesilyurt 05/26/2025
 Supervised By :Mahesh Dadoda 05/26/2025

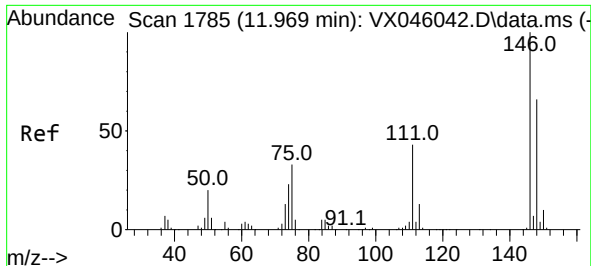


#86
 p-Isopropyltoluene
 Concen: 52.479 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046331.D
 Acq: 23 May 2025 09:24



Tgt Ion:119 Resp: 232168
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.5 37.5
 91 27.5 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 50.025 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 109948

Ion Ratio Lower Upper

146 100

111 45.2 22.1 66.3

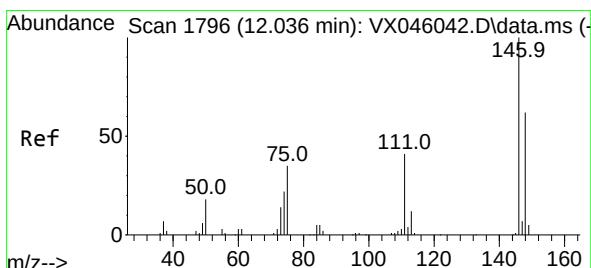
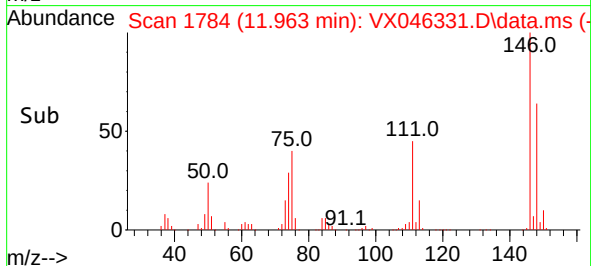
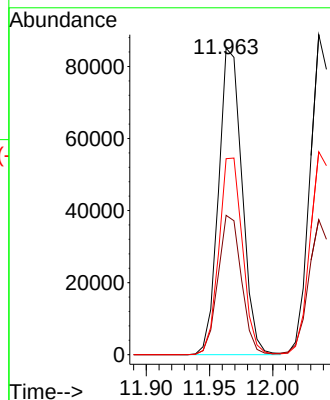
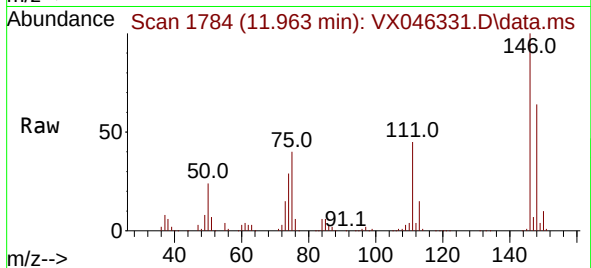
148 64.2 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025

Supervised By :Mahesh Dadoda 05/26/2025



#88

1,4-Dichlorobenzene

Concen: 49.641 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

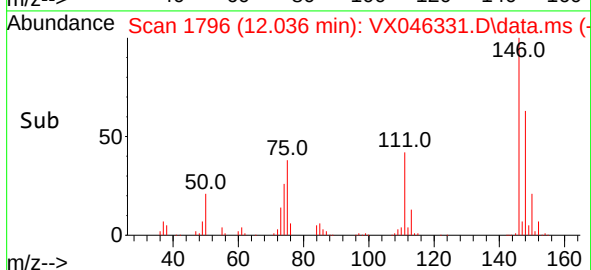
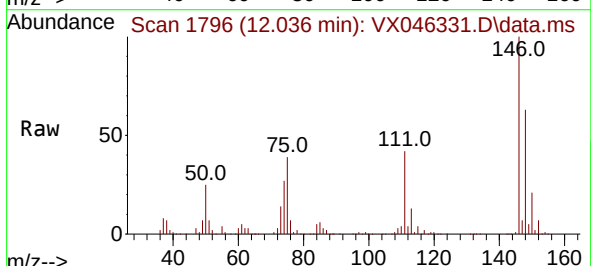
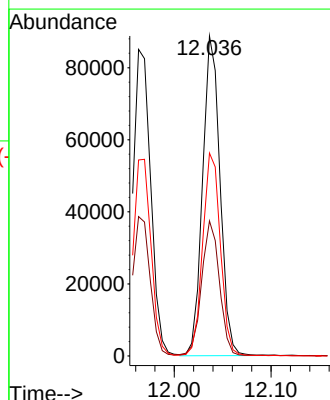
Tgt Ion:146 Resp: 111425

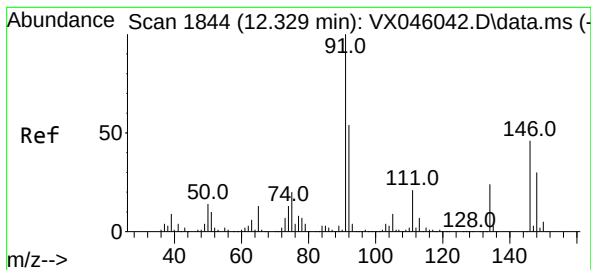
Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

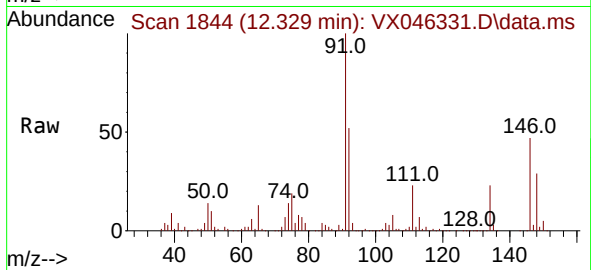
148 64.9 31.9 95.5





#89
n-Butylbenzene
Concen: 54.179 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

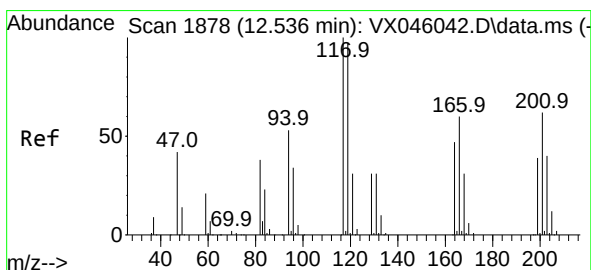
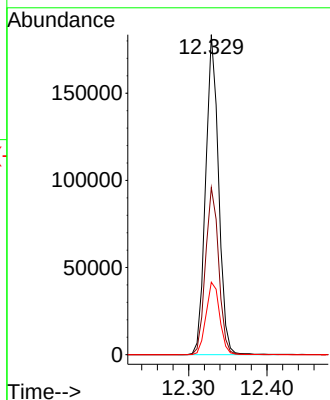
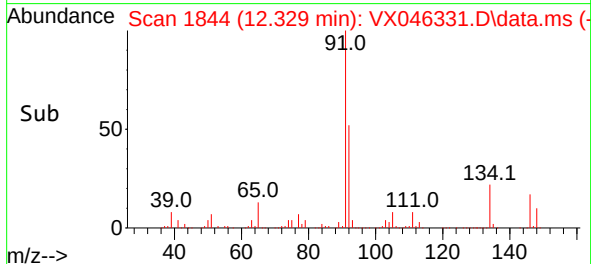
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 210250
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 23.9 11.8 35.3

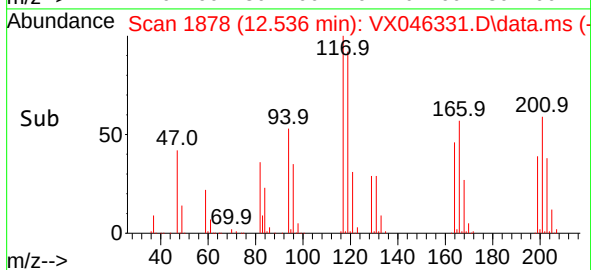
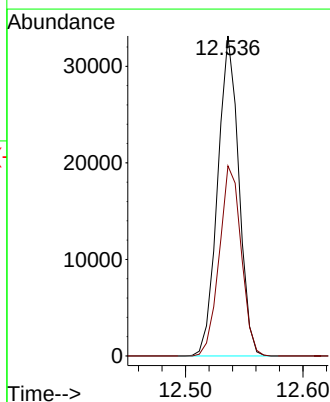
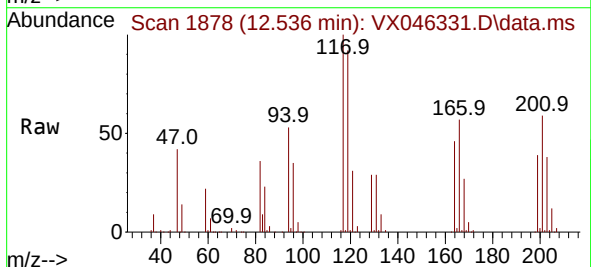
Manual Integrations
APPROVED

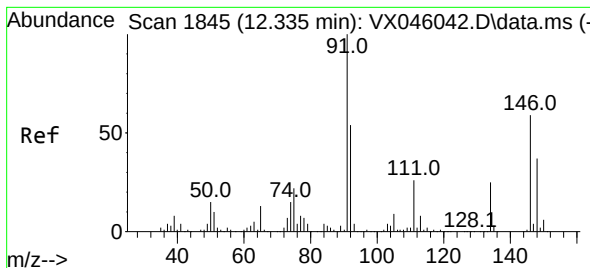
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#90
Hexachloroethane
Concen: 53.122 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

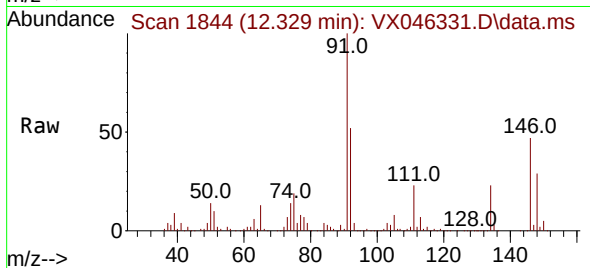
Tgt Ion:117 Resp: 41404
Ion Ratio Lower Upper
117 100
201 61.6 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 51.002 ug/l
RT: 12.329 min Scan# 11248
Delta R.T. -0.006 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24

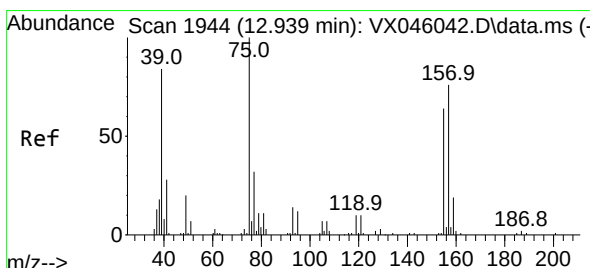
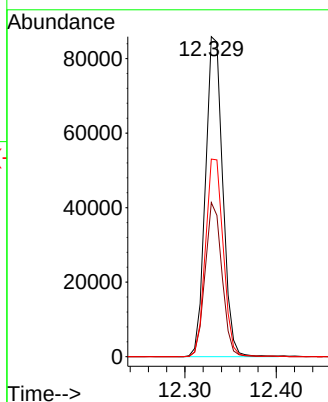
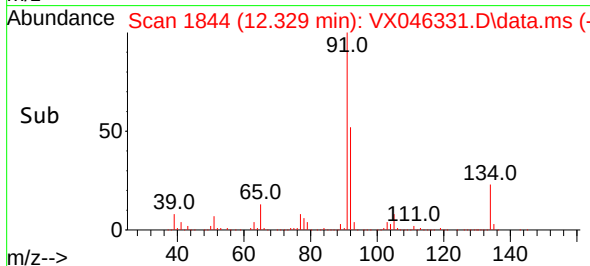
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



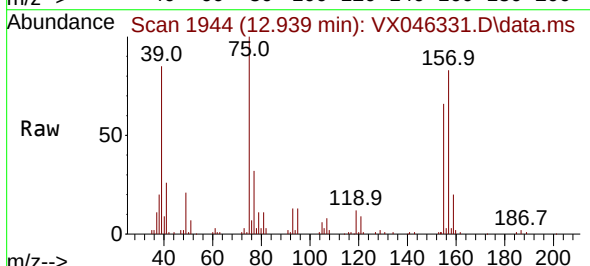
Tgt Ion:146 Resp: 11248
Ion Ratio Lower Upper
146 100
111 46.8 22.4 67.3
148 63.4 31.6 94.8

Manual Integrations
APPROVED

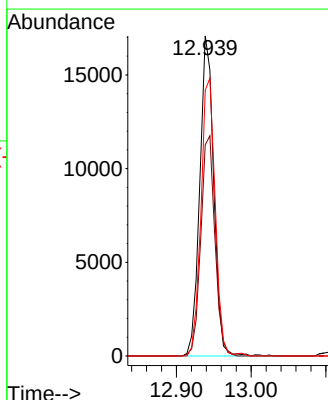
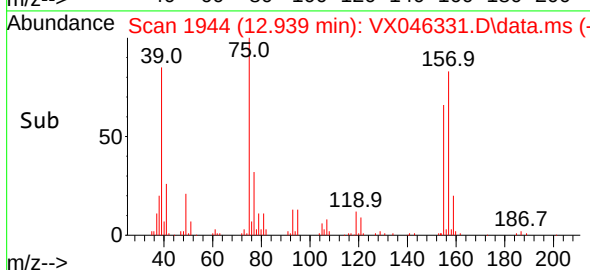
Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

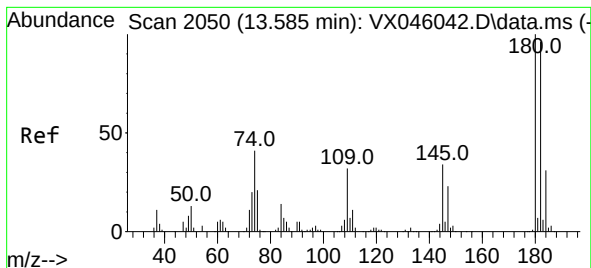


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.085 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046331.D
Acq: 23 May 2025 09:24



Tgt Ion: 75 Resp: 22183
Ion Ratio Lower Upper
75 100
155 69.3 34.9 104.8
157 88.3 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 52.307 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

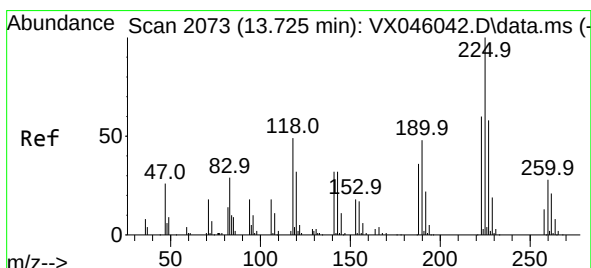
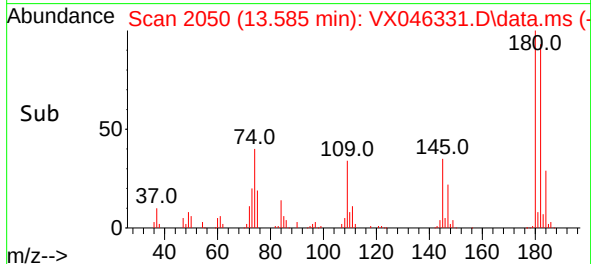
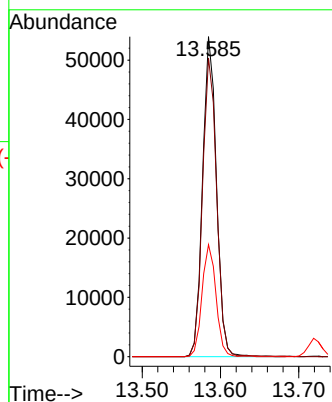
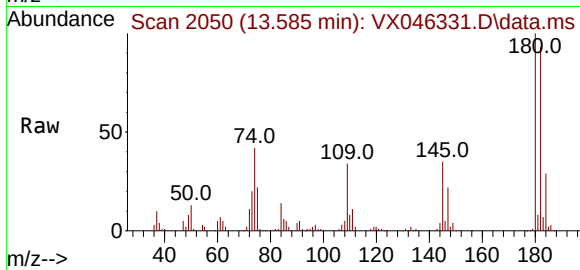
VSTDCCC050

Tgt Ion:180	Resp: 6626
Ion Ratio	Lower Upper
180 100	
182 95.3	47.9 143.8
145 35.3	17.1 51.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



#94

Hexachlorobutadiene

Concen: 53.637 ug/l

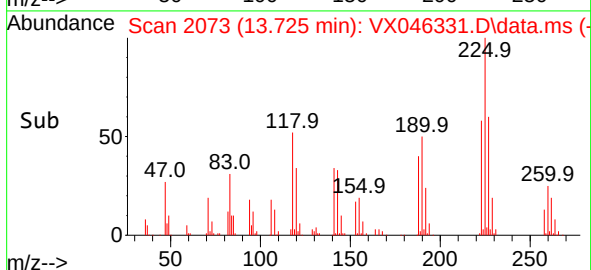
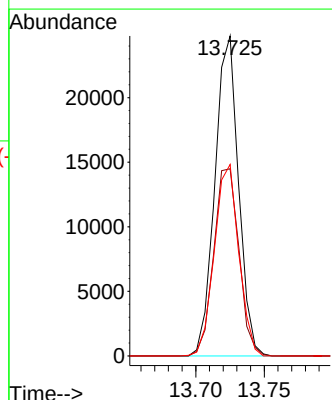
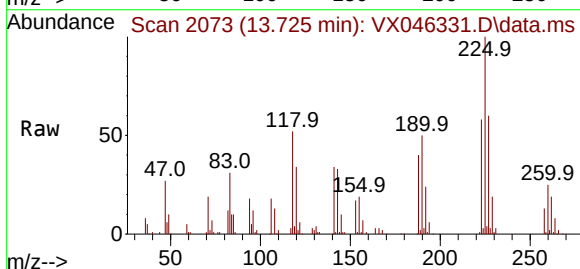
RT: 13.725 min Scan# 2073

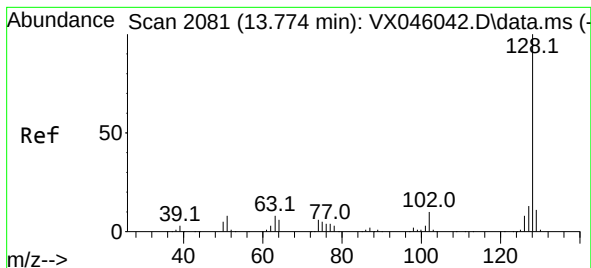
Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Tgt Ion:225	Resp: 29675
Ion Ratio	Lower Upper
225 100	
223 62.4	30.8 92.4
227 61.8	30.9 92.7





#95

Naphthalene

Concen: 52.127 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 242188

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

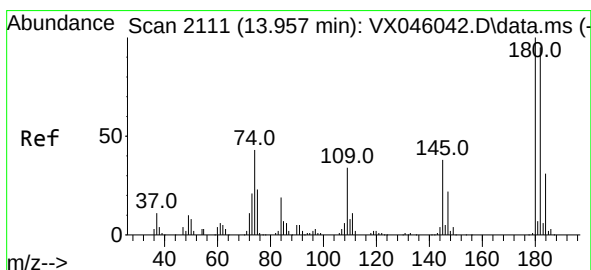
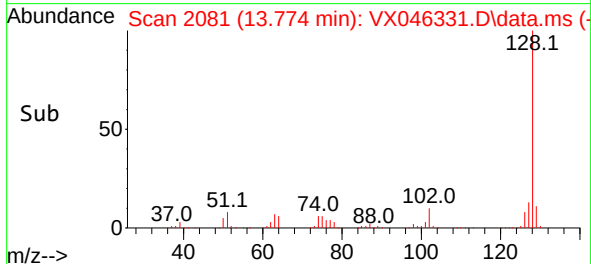
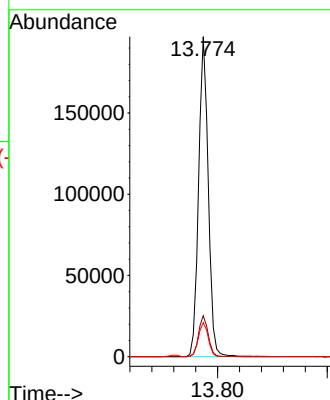
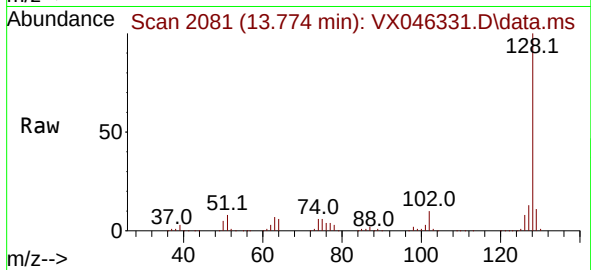
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025

Supervised By :Mahesh Dadoda 05/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.275 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046331.D

Acq: 23 May 2025 09:24

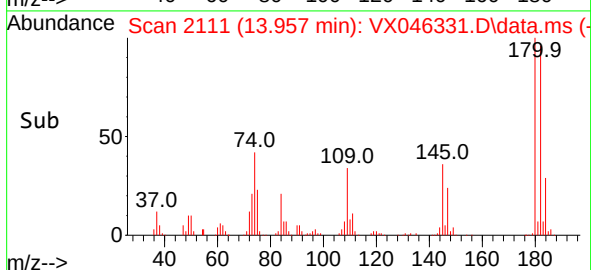
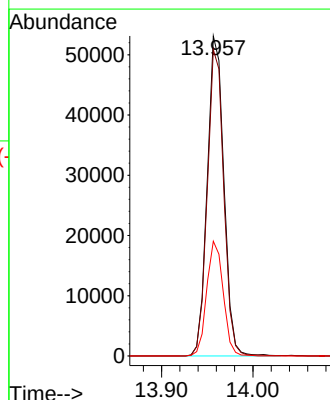
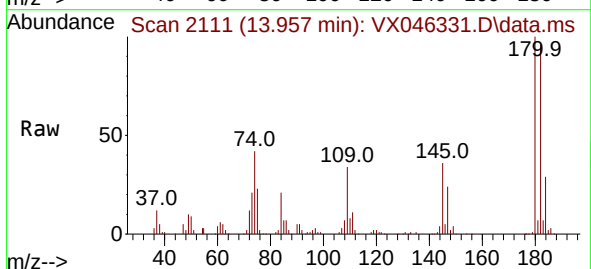
Tgt Ion:180 Resp: 67021

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

145 35.5 18.1 54.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046331.D
 Acq On : 23 May 2025 09:24
 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 23 22:55:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	0.765	0.718	6.1	77	0.00
3 P	Chloromethane	0.742	0.654	11.9	78	0.00
4 C	Vinyl Chloride	0.691	0.592	14.3#	77	0.00
5 T	Bromomethane	0.320	0.288	10.0	82	0.00
6 T	Chloroethane	0.369	0.378	-2.4	93	0.00
7 T	Trichlorofluoromethane	1.021	0.993	2.7	86	0.00
8 T	Diethyl Ether	0.347	0.339	2.3	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.632	0.618	2.2	89	0.00
10 T	Methyl Iodide	0.747	0.684	8.4	79	0.00
11 T	Tert butyl alcohol	0.131	0.143	-9.2	103	-0.01
12 CM	1,1-Dichloroethene	0.593	0.550	7.3#	85	0.00
13 T	Acrolein	0.149	0.160	-7.4	97	0.00
14 T	Allyl chloride	1.133	1.169	-3.2	92	0.00
15 T	Acrylonitrile	0.374	0.404	-8.0	97	0.00
16 T	Acetone	0.374	0.393	-5.1	101	0.00
17 T	Carbon Disulfide	1.406	1.170	16.8	74	0.00
18 T	Methyl Acetate	0.867	1.100	-26.9#	120	0.00
19 T	Methyl tert-butyl Ether	2.079	2.197	-5.7	94	0.00
20 T	Methylene Chloride	0.716	0.663	7.4	90	0.00
21 T	trans-1,2-Dichloroethene	0.596	0.560	6.0	85	0.00
22 T	Diisopropyl ether	2.189	2.307	-5.4	94	0.00
23 T	Vinyl Acetate	1.925	2.026	-5.2	92	0.00
24 P	1,1-Dichloroethane	1.219	1.239	-1.6	91	0.00
25 T	2-Butanone	0.543	0.592	-9.0	99	0.00
26 T	2,2-Dichloropropane	0.954	0.995	-4.3	96	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.706	1.7	89	0.00
28 T	Bromochloromethane	0.587	0.602	-2.6	97	0.00
29 T	Tetrahydrofuran	0.340	0.371	-9.1	98	0.00
30 C	Chloroform	1.271	1.286	-1.2#	92	0.00
31 T	Cyclohexane	1.111	1.026	7.7	84	0.00
32 T	1,1,1-Trichloroethane	1.101	1.128	-2.5	92	0.00
33 S	1,2-Dichloroethane-d4	0.932	0.966	-3.6	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.360	0.384	-6.7	100	0.00
36 T	1,1-Dichloropropene	0.484	0.468	3.3	87	0.00
37 T	Ethyl Acetate	0.598	0.630	-5.4	95	0.00
38 T	Carbon Tetrachloride	0.544	0.551	-1.3	91	0.00
39 T	Methylcyclohexane	0.623	0.597	4.2	86	0.00
40 TM	Benzene	1.417	1.421	-0.3	89	0.00
41 T	Methacrylonitrile	0.313	0.365	-16.6	97	0.00
42 TM	1,2-Dichloroethane	0.612	0.628	-2.6	92	0.00
43 T	Isopropyl Acetate	0.912	1.021	-12.0	98	0.00
44 TM	Trichloroethene	0.341	0.343	-0.6	89	0.00
45 C	1,2-Dichloropropane	0.352	0.374	-6.3#	93	0.00
46 T	Dibromomethane	0.278	0.286	-2.9	92	0.00
47 T	Bromodichloromethane	0.547	0.595	-8.8	95	0.00
48 T	Methyl methacrylate	0.466	0.535	-14.8	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046331.D
 Acq On : 23 May 2025 09:24
 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 23 22:55:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	0.009	0.0	95	0.00
50 S	Toluene-d8	1.246	1.307	-4.9	99	0.00
51 T	4-Methyl-2-Pentanone	0.605	0.677	-11.9	99	0.00
52 CM	Toluene	0.869	0.878	-1.0#	90	0.00
53 T	t-1,3-Dichloropropene	0.487	0.542	-11.3	95	0.00
54 T	cis-1,3-Dichloropropene	0.538	0.591	-9.9	94	0.00
55 T	1,1,2-Trichloroethane	0.343	0.366	-6.7	95	0.00
56 T	Ethyl methacrylate	0.546	0.629	-15.2	98	0.00
57 T	1,3-Dichloropropane	0.615	0.639	-3.9	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.278	0.299	-7.6	90	0.00
59 T	2-Hexanone	0.448	0.511	-14.1	100	0.00
60 T	Dibromochloromethane	0.376	0.417	-10.9	96	0.00
61 T	1,2-Dibromoethane	0.356	0.377	-5.9	93	0.00
62 S	4-Bromofluorobenzene	0.478	0.514	-7.5	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.354	0.357	-0.8	89	0.00
65 PM	Chlorobenzene	1.094	1.084	0.9	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.389	-4.0	93	0.00
67 C	Ethyl Benzene	1.929	1.985	-2.9#	92	0.00
68 T	m/p-Xylenes	0.706	0.719	-1.8	91	0.00
69 T	o-Xylene	0.688	0.714	-3.8	92	0.00
70 T	Styrene	1.127	1.208	-7.2	93	0.00
71 P	Bromoform	0.281	0.310	-10.3	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.893	3.986	-2.4	95	0.00
74 T	N-amyl acetate	1.924	2.081	-8.2	99	0.00
75 P	1,1,2,2-Tetrachloroethane	1.364	1.366	-0.1	100	0.00
76 T	1,2,3-Trichloropropane	1.204	1.228	-2.0	101	0.00
77 T	Bromobenzene	0.904	0.894	1.1	94	0.00
78 T	n-propylbenzene	4.526	4.678	-3.4	94	0.00
79 T	2-Chlorotoluene	2.919	2.868	1.7	94	0.00
80 T	1,3,5-Trimethylbenzene	3.252	3.374	-3.8	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.370	0.405	-9.5	103	0.00
82 T	4-Chlorotoluene	3.238	3.296	-1.8	94	0.00
83 T	tert-Butylbenzene	3.276	3.334	-1.8	95	0.00
84 T	1,2,4-Trimethylbenzene	3.293	3.388	-2.9	94	0.00
85 T	sec-Butylbenzene	4.022	4.204	-4.5	96	0.00
86 T	p-Isopropyltoluene	3.320	3.484	-4.9	96	0.00
87 T	1,3-Dichlorobenzene	1.649	1.650	-0.1	95	0.00
88 T	1,4-Dichlorobenzene	1.684	1.672	0.7	97	0.00
89 T	n-Butylbenzene	2.912	3.156	-8.4	98	0.00
90 T	Hexachloroethane	0.585	0.621	-6.2	98	0.00
91 T	1,2-Dichlorobenzene	1.655	1.688	-2.0	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.302	0.333	-10.3	101	0.00
93 T	1,2,4-Trichlorobenzene	0.951	0.994	-4.5	99	0.00
94 T	Hexachlorobutadiene	0.415	0.445	-7.2	102	0.00
95 T	Naphthalene	3.487	3.635	-4.2	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046331.D
Acq On : 23 May 2025 09:24
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 23 22:55:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	0.981	1.006	-2.5	97	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046331.D
 Acq On : 23 May 2025 09:24
 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 23 22:55:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	46.886	6.2	77	0.00
3 P	Chloromethane	50.000	44.072	11.9	78	0.00
4 C	Vinyl Chloride	50.000	42.877	14.2#	77	0.00
5 T	Bromomethane	50.000	45.004	10.0	82	0.00
6 T	Chloroethane	50.000	51.230	-2.5	93	0.00
7 T	Trichlorofluoromethane	50.000	48.653	2.7	86	0.00
8 T	Diethyl Ether	50.000	48.706	2.6	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.939	2.1	89	0.00
10 T	Methyl Iodide	50.000	45.758	8.5	79	0.00
11 T	Tert butyl alcohol	250.000	274.166	-9.7	103	-0.01
12 CM	1,1-Dichloroethene	50.000	46.384	7.2#	85	0.00
13 T	Acrolein	250.000	268.519	-7.4	97	0.00
14 T	Allyl chloride	50.000	51.568	-3.1	92	0.00
15 T	Acrylonitrile	250.000	270.194	-8.1	97	0.00
16 T	Acetone	250.000	263.114	-5.2	101	0.00
17 T	Carbon Disulfide	50.000	41.606	16.8	74	0.00
18 T	Methyl Acetate	50.000	63.388	-26.8#	120	0.00
19 T	Methyl tert-butyl Ether	50.000	52.851	-5.7	94	0.00
20 T	Methylene Chloride	50.000	46.299	7.4	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.000	6.0	85	0.00
22 T	Diisopropyl ether	50.000	52.704	-5.4	94	0.00
23 T	Vinyl Acetate	250.000	263.054	-5.2	92	0.00
24 P	1,1-Dichloroethane	50.000	50.826	-1.7	91	0.00
25 T	2-Butanone	250.000	272.843	-9.1	99	0.00
26 T	2,2-Dichloropropane	50.000	52.155	-4.3	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.159	1.7	89	0.00
28 T	Bromochloromethane	50.000	51.292	-2.6	97	0.00
29 T	Tetrahydrofuran	250.000	272.575	-9.0	98	0.00
30 C	Chloroform	50.000	50.618	-1.2#	92	0.00
31 T	Cyclohexane	50.000	46.166	7.7	84	0.00
32 T	1,1,1-Trichloroethane	50.000	51.206	-2.4	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.802	-3.6	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	53.265	-6.5	100	0.00
36 T	1,1-Dichloropropene	50.000	48.349	3.3	87	0.00
37 T	Ethyl Acetate	50.000	52.723	-5.4	95	0.00
38 T	Carbon Tetrachloride	50.000	50.709	-1.4	91	0.00
39 T	Methylcyclohexane	50.000	47.954	4.1	86	0.00
40 TM	Benzene	50.000	50.133	-0.3	89	0.00
41 T	Methacrylonitrile	50.000	58.302	-16.6	97	0.00
42 TM	1,2-Dichloroethane	50.000	51.375	-2.8	92	0.00
43 T	Isopropyl Acetate	50.000	55.999	-12.0	98	0.00
44 TM	Trichloroethene	50.000	50.279	-0.6	89	0.00
45 C	1,2-Dichloropropane	50.000	53.136	-6.3#	93	0.00
46 T	Dibromomethane	50.000	51.454	-2.9	92	0.00
47 T	Bromodichloromethane	50.000	54.392	-8.8	95	0.00
48 T	Methyl methacrylate	50.000	57.467	-14.9	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046331.D
 Acq On : 23 May 2025 09:24
 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 23 22:55:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 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	1053.147	-5.3	95	0.00
50 S	Toluene-d8	50.000	52.423	-4.8	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.753	-11.9	99	0.00
52 CM	Toluene	50.000	50.537	-1.1#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	55.750	-11.5	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.982	-10.0	94	0.00
55 T	1,1,2-Trichloroethane	50.000	53.371	-6.7	95	0.00
56 T	Ethyl methacrylate	50.000	57.619	-15.2	98	0.00
57 T	1,3-Dichloropropane	50.000	51.895	-3.8	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.416	-7.4	90	0.00
59 T	2-Hexanone	250.000	285.172	-14.1	100	0.00
60 T	Dibromochloromethane	50.000	55.399	-10.8	96	0.00
61 T	1,2-Dibromoethane	50.000	52.931	-5.9	93	0.00
62 S	4-Bromofluorobenzene	50.000	53.716	-7.4	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	50.481	-1.0	89	0.00
65 PM	Chlorobenzene	50.000	49.525	1.0	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.010	-4.0	93	0.00
67 C	Ethyl Benzene	50.000	51.457	-2.9#	92	0.00
68 T	m/p-Xylenes	100.000	101.954	-2.0	91	0.00
69 T	o-Xylene	50.000	51.899	-3.8	92	0.00
70 T	Styrene	50.000	53.599	-7.2	93	0.00
71 P	Bromoform	50.000	55.224	-10.4	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	51.196	-2.4	95	0.00
74 T	N-ethyl acetate	50.000	54.091	-8.2	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.066	-0.1	100	0.00
76 T	1,2,3-Trichloropropane	50.000	51.027	-2.1	101	0.00
77 T	Bromobenzene	50.000	49.441	1.1	94	0.00
78 T	n-propylbenzene	50.000	51.673	-3.3	94	0.00
79 T	2-Chlorotoluene	50.000	49.128	1.7	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.877	-3.8	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.814	-9.6	103	0.00
82 T	4-Chlorotoluene	50.000	50.910	-1.8	94	0.00
83 T	tert-Butylbenzene	50.000	50.888	-1.8	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.438	-2.9	94	0.00
85 T	sec-Butylbenzene	50.000	52.265	-4.5	96	0.00
86 T	p-Isopropyltoluene	50.000	52.479	-5.0	96	0.00
87 T	1,3-Dichlorobenzene	50.000	50.025	-0.0	95	0.00
88 T	1,4-Dichlorobenzene	50.000	49.641	0.7	97	0.00
89 T	n-Butylbenzene	50.000	54.179	-8.4	98	0.00
90 T	Hexachloroethane	50.000	53.122	-6.2	98	0.00
91 T	1,2-Dichlorobenzene	50.000	51.002	-2.0	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.085	-10.2	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.307	-4.6	99	0.00
94 T	Hexachlorobutadiene	50.000	53.637	-7.3	102	0.00
95 T	Naphthalene	50.000	52.127	-4.3	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046331.D
Acq On : 23 May 2025 09:24
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 23 22:55:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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	51.275	-2.5	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.: Q2075 SAS No.: Q2075 SDG No.: Q2075

Instrument ID: MSVOA_Y Calibration Date/Time: 05/20/2025 08:40

Lab File ID: VY022329.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.457	1.473		1.1	20
Toluene	0.923	0.912		-1.19	20
Ethyl Benzene	2.113	2.120		0.33	20
m/p-Xylenes	0.796	0.803		0.88	20
o-Xylene	0.753	0.738		-1.99	20
Isopropylbenzene	4.142	4.147		0.12	20
n-propylbenzene	4.996	5.062		1.32	20
1,3,5-Trimethylbenzene	3.344	3.297		-1.41	20
tert-Butylbenzene	2.972	2.924		-1.62	20
1,2,4-Trimethylbenzene	3.319	3.232		-2.62	20
sec-Butylbenzene	4.412	4.438		0.59	20
p-Isopropyltoluene	3.710	3.717		0.19	20
n-Butylbenzene	3.510	3.562		1.48	20
1,2-Dichloroethane-d4	0.546	0.533		-2.38	20
Dibromofluoromethane	0.298	0.305		2.35	20
Toluene-d8	1.222	1.259		3.03	20
4-Bromofluorobenzene	0.387	0.375		-3.1	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\VY052025\
 Data File : VY022329.D
 Acq On : 20 May 2025 08:40
 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 05/21/2025
 Supervised By :Semsettin Yesilyurt 05/21/2025

Quant Time: May 21 01:42:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	180374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	298369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	252391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	120747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96211	48.805	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.620%		
35) Dibromofluoromethane	7.634	113	90959	51.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.160%		
50) Toluene-d8	10.109	98	375501	51.484	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.960%		
62) 4-Bromofluorobenzene	12.408	95	111811	48.365	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	87856	46.679	ug/l	99
3) Chloromethane	2.068	50	197335	49.842	ug/l	100
4) Vinyl Chloride	2.202	62	274924	62.153	ug/l	97
5) Bromomethane	2.598	94	209168	58.088	ug/l	99
6) Chloroethane	2.733	64	182573	66.345	ug/l	100
7) Trichlorofluoromethane	3.050	101	251083	56.065	ug/l	100
8) Diethyl Ether	3.452	74	49275	45.847	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	99707	51.283	ug/l	98
10) Methyl Iodide	4.007	142	113213	50.311	ug/l	99
11) Tert butyl alcohol	4.860	59	32480	215.761	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	96307	49.916	ug/l	98
13) Acrolein	3.653	56	26963	122.519	ug/l	94
14) Allyl chloride	4.379	41	152279	45.013	ug/l	94
15) Acrylonitrile	5.055	53	100495	226.925	ug/l	99
16) Acetone	3.873	43	82432	223.009	ug/l	90
17) Carbon Disulfide	4.104	76	308666	49.060	ug/l	99
18) Methyl Acetate	4.385	43	49112	42.141	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	249468	46.893	ug/l	99
20) Methylene Chloride	4.616	84	104952	43.941	ug/l	92
21) trans-1,2-Dichloroethene	5.116	96	105103	49.353	ug/l	91
22) Diisopropyl ether	6.019	45	328037	45.916	ug/l	99
23) Vinyl Acetate	5.958	43	945452	219.054	ug/l	97
24) 1,1-Dichloroethane	5.915	63	195759	49.046	ug/l	97
25) 2-Butanone	6.890	43	132386	214.116	ug/l	97
26) 2,2-Dichloropropane	6.884	77	176104	49.606	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	123269	50.159	ug/l	99
28) Bromochloromethane	7.244	49	84842	49.834	ug/l	96
29) Tetrahydrofuran	7.262	42	85738	215.541	ug/l	95
30) Chloroform	7.421	83	191099	49.916	ug/l	100
31) Cyclohexane	7.701	56	186740	46.827	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	174168	49.587	ug/l	99
36) 1,1-Dichloropropene	7.835	75	146745	50.028	ug/l	99
37) Ethyl Acetate	6.988	43	60741	43.038	ug/l	99
38) Carbon Tetrachloride	7.817	117	154127	50.762	ug/l	99
39) Methylcyclohexane	9.109	83	197541	50.127	ug/l	96
40) Benzene	8.079	78	439609	50.555	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022329.D
 Acq On : 20 May 2025 08:40
 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 05/21/2025
 Supervised By :Semsettin Yesilyurt 05/21/2025

Quant Time: May 21 01:42:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	42308m	45.192	ug/l	
42) 1,2-Dichloroethane	8.158	62	113474	48.255	ug/l	100
43) Isopropyl Acetate	8.195	43	132355	43.001	ug/l #	86
44) Trichloroethene	8.866	130	108566	50.212	ug/l	96
45) 1,2-Dichloropropane	9.140	63	103106	49.181	ug/l	98
46) Dibromomethane	9.231	93	54532	48.227	ug/l	97
47) Bromodichloromethane	9.420	83	145860	49.724	ug/l	100
48) Methyl methacrylate	9.219	41	61712	42.873	ug/l	94
49) 1,4-Dioxane	9.231	88	12080	945.674	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	328310	217.386	ug/l	97
52) Toluene	10.170	92	272032	49.403	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	136680	47.744	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	157453	48.006	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	69620	48.082	ug/l	98
56) Ethyl methacrylate	10.438	69	103441	45.862	ug/l	97
57) 1,3-Dichloropropane	10.719	76	124485	48.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	228868	226.074	ug/l	99
59) 2-Hexanone	10.762	43	216713	214.015	ug/l	97
60) Dibromochloromethane	10.914	129	90557	48.185	ug/l	100
61) 1,2-Dibromoethane	11.018	107	64317	47.659	ug/l	99
64) Tetrachloroethene	10.646	164	118778	50.915	ug/l	98
65) Chlorobenzene	11.444	112	283164	49.729	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	96653	49.374	ug/l	99
67) Ethyl Benzene	11.518	91	534980	50.166	ug/l	100
68) m/p-Xylenes	11.627	106	405451	100.899	ug/l	98
69) o-Xylene	11.956	106	186251	48.989	ug/l	100
70) Styrene	11.969	104	316649	49.374	ug/l	98
71) Bromoform	12.133	173	48192	45.610	ug/l #	99
73) Isopropylbenzene	12.255	105	500715	50.055	ug/l	99
74) N-amyl acetate	12.072	43	122315	42.753	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	71869	46.716	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	57634m	47.114	ug/l	
77) Bromobenzene	12.536	156	101902	47.696	ug/l	99
78) n-propylbenzene	12.597	91	611228	50.658	ug/l	100
79) 2-Chlorotoluene	12.682	91	320605	48.352	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	398122	49.303	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	26577	44.011	ug/l	96
82) 4-Chlorotoluene	12.780	91	331061	48.542	ug/l	99
83) tert-Butylbenzene	12.999	119	353055	49.191	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	390297	48.690	ug/l	98
85) sec-Butylbenzene	13.176	105	535889	50.299	ug/l	100
86) p-Isopropyltoluene	13.292	119	448789	50.085	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	211690	48.536	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	200827	47.869	ug/l	99
89) n-Butylbenzene	13.615	91	430086	50.735	ug/l	99
90) Hexachloroethane	13.883	117	88228	48.777	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	175805	47.987	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11289	45.506	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	98395	46.496	ug/l	99
94) Hexachlorobutadiene	15.023	225	54240	45.960	ug/l	99
95) Naphthalene	15.145	128	179488	44.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	82076	45.719	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022329.D
Acq On : 20 May 2025 08:40
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

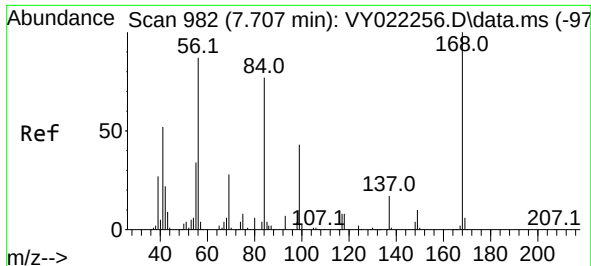
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

Quant Time: May 21 01:42:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

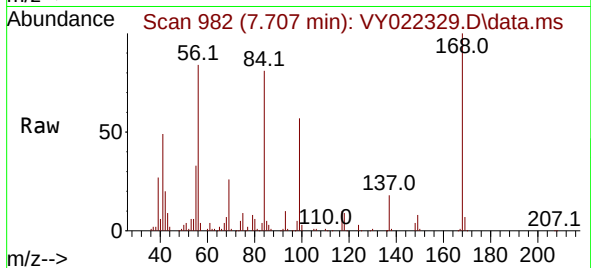
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

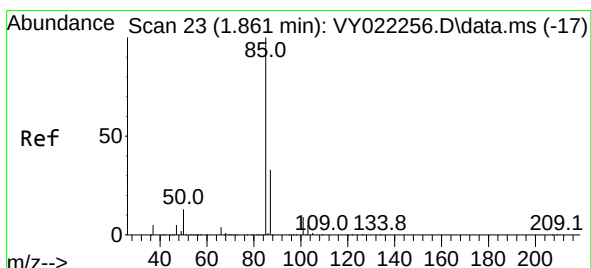
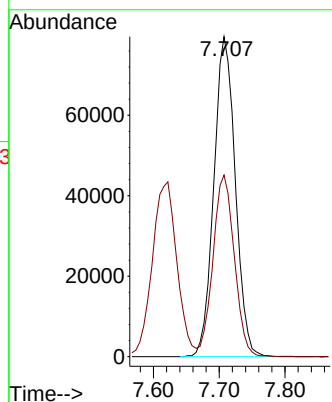
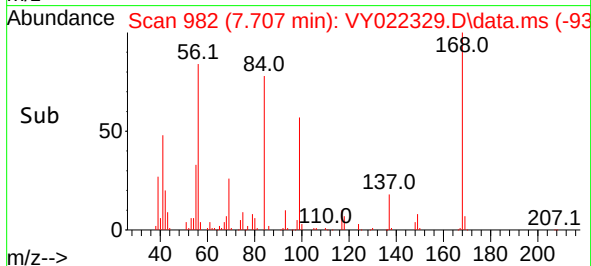
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 180374
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4

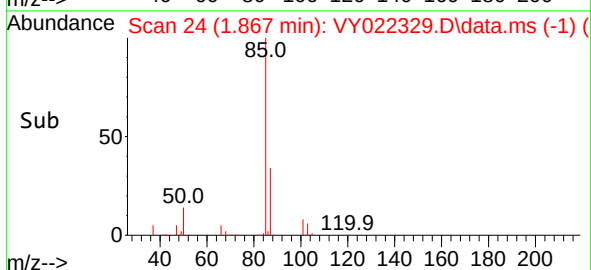
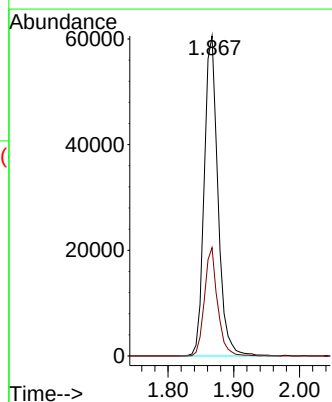
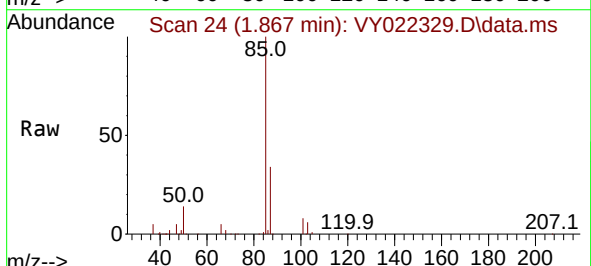
Manual Integrations
APPROVED

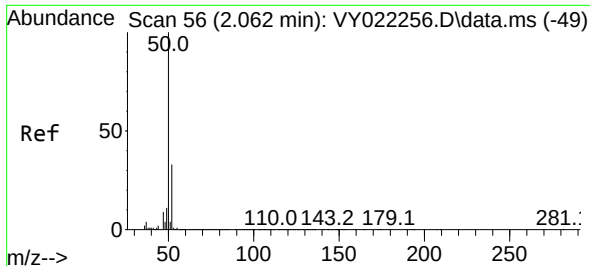
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#2
Dichlorodifluoromethane
Concen: 46.679 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

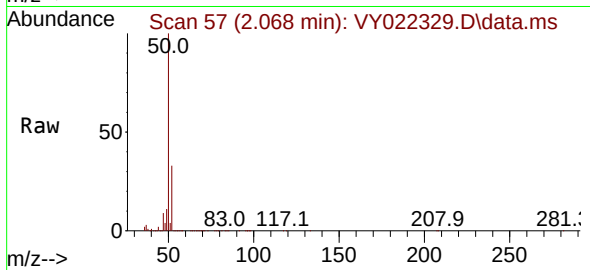
Tgt Ion: 85 Resp: 87856
Ion Ratio Lower Upper
85 100
87 33.8 16.5 49.5





#3
Chloromethane
Concen: 49.842 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

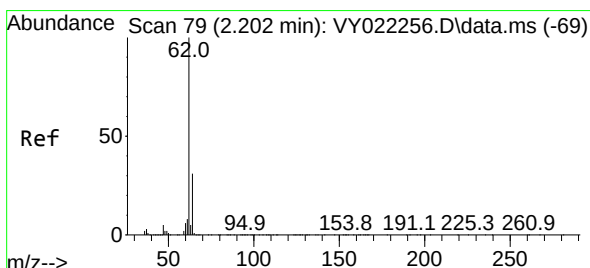
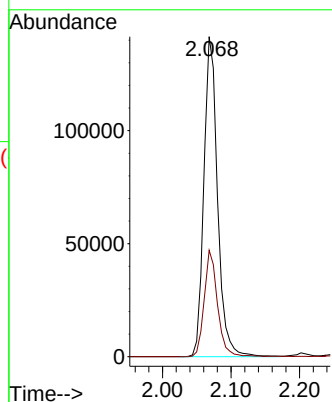
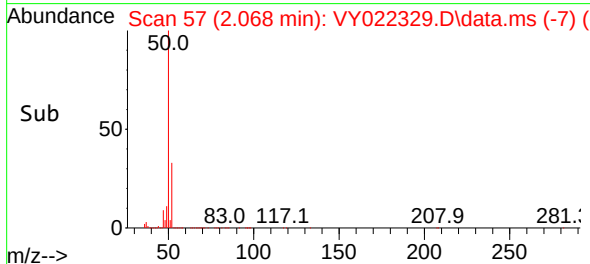
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



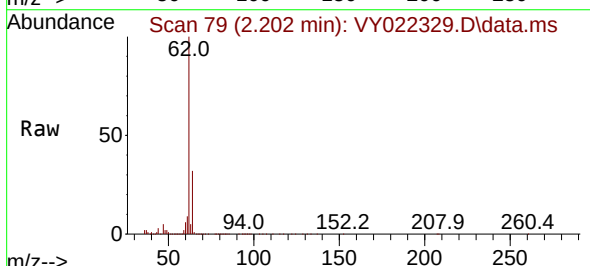
Tgt Ion: 50 Resp: 197335
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

Manual Integrations
APPROVED

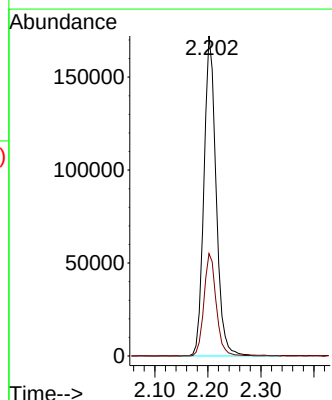
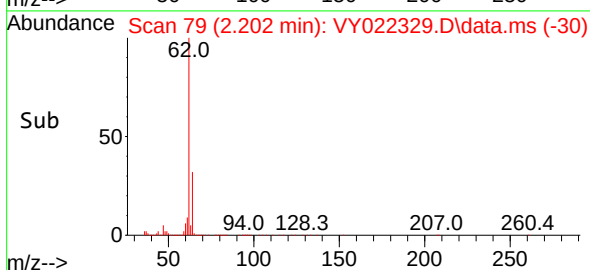
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

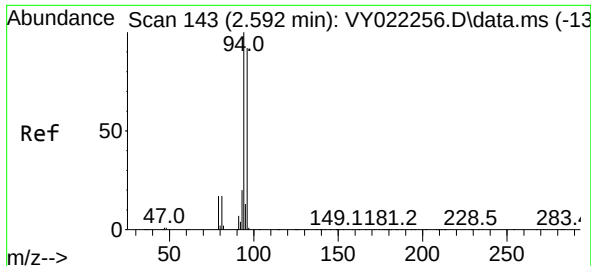


#4
Vinyl Chloride
Concen: 62.153 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



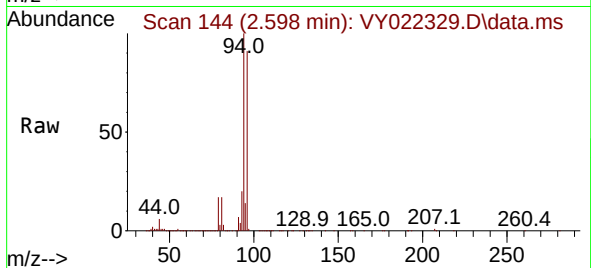
Tgt Ion: 62 Resp: 274924
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7





#5
Bromomethane
Concen: 58.088 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

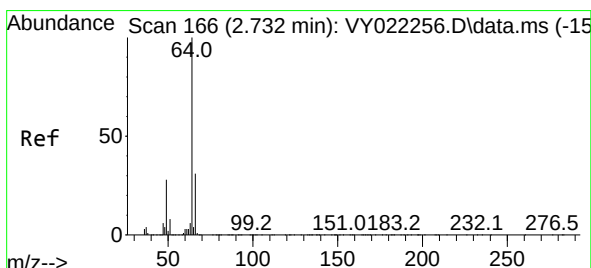
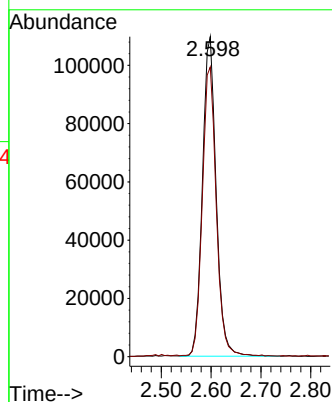
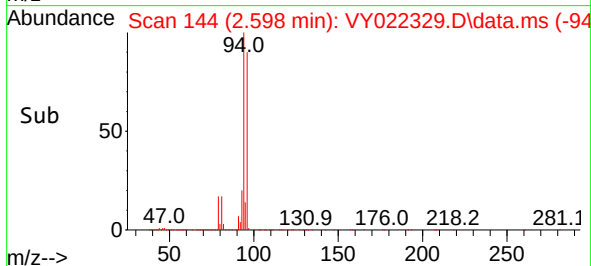
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



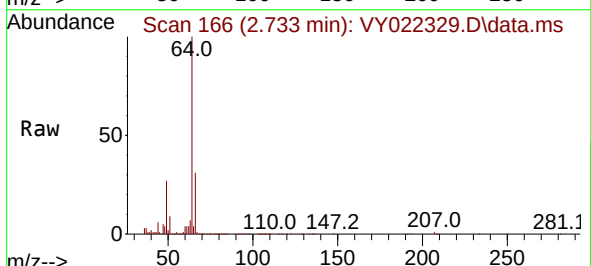
Tgt Ion: 94 Resp: 209168
Ion Ratio Lower Upper
94 100
96 90.5 73.4 110.0

Manual Integrations
APPROVED

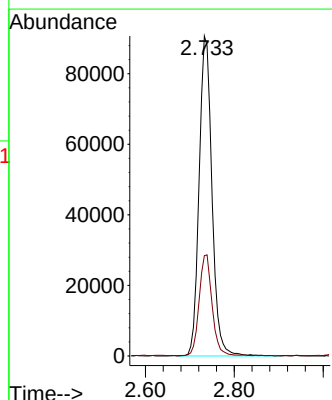
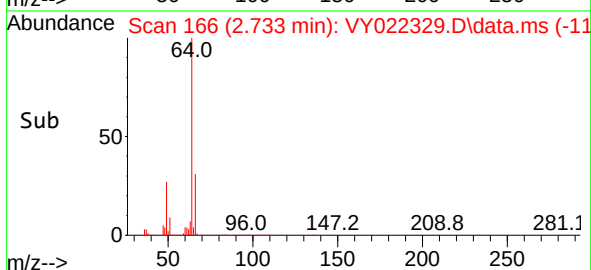
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

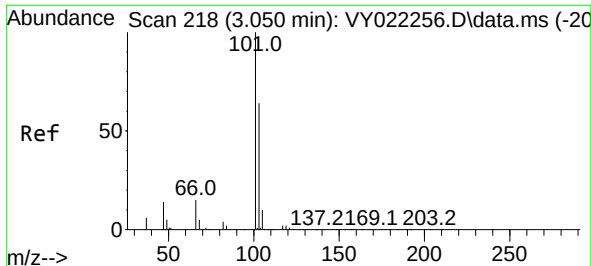


#6
Chloroethane
Concen: 66.345 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



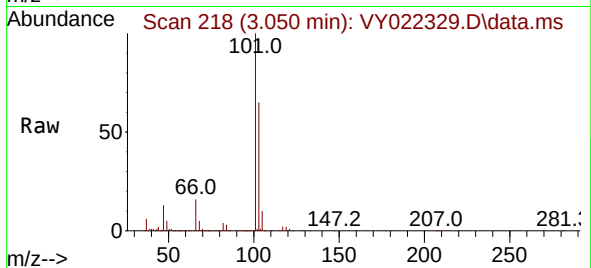
Tgt Ion: 64 Resp: 182573
Ion Ratio Lower Upper
64 100
66 31.2 24.8 37.2





#7
Trichlorofluoromethane
Concen: 56.065 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

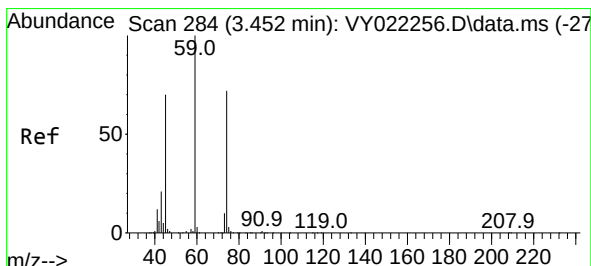
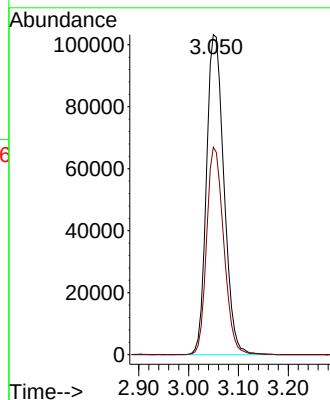
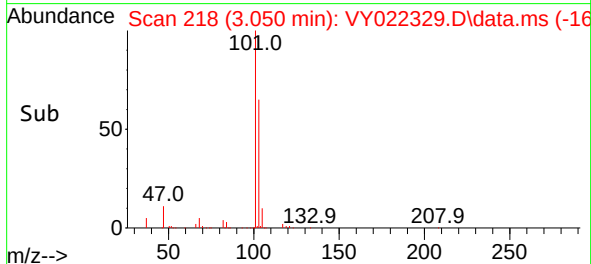
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



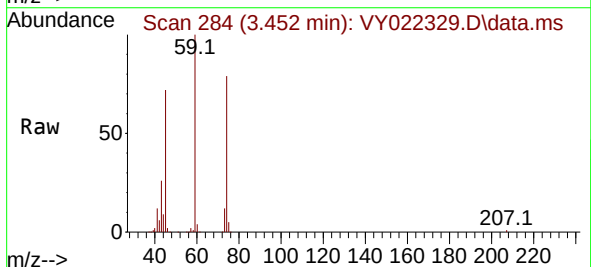
Tgt Ion:101 Resp: 25108
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

Manual Integrations
APPROVED

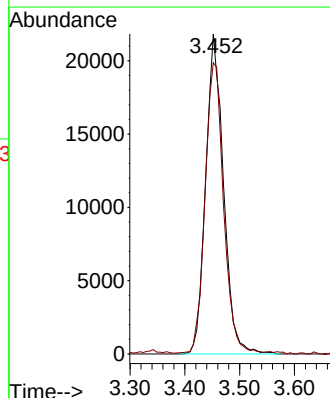
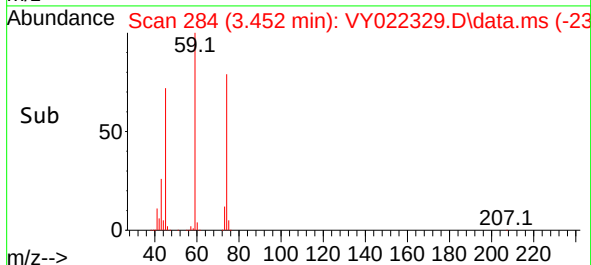
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

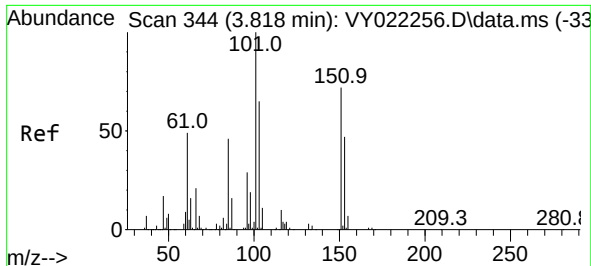


#8
Diethyl Ether
Concen: 45.847 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



Tgt Ion: 74 Resp: 49275
Ion Ratio Lower Upper
74 100
45 93.9 48.6 145.8





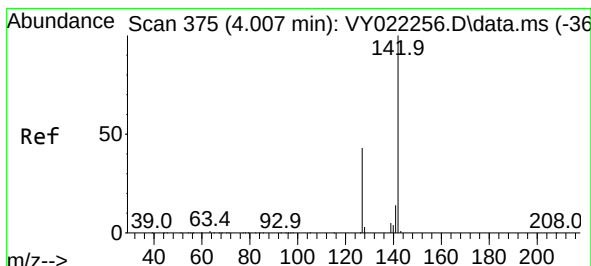
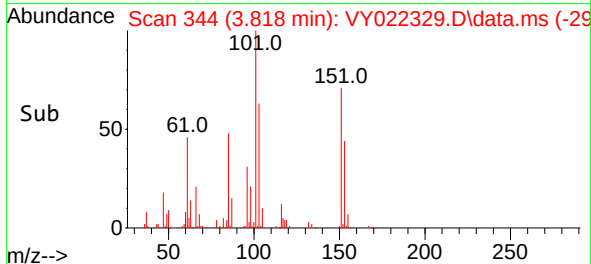
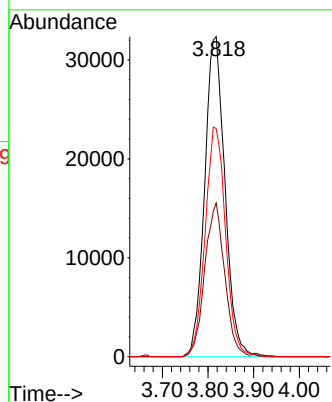
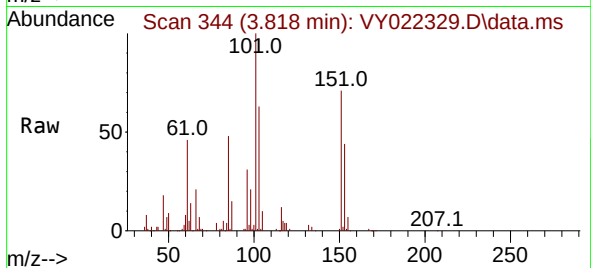
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.283 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9970
Ion Ratio Lower Upper
101 100
85 47.5 38.6 58.0
151 72.3 59.7 89.5

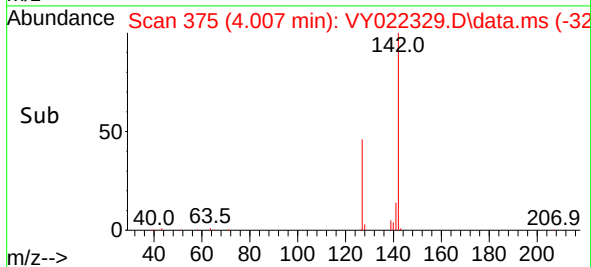
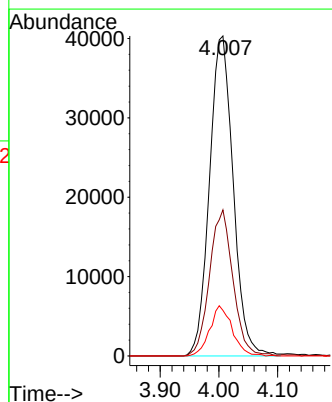
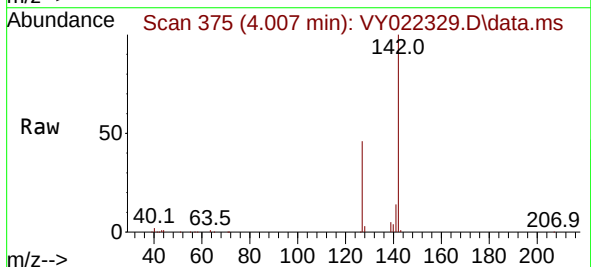
Manual Integrations
APPROVED

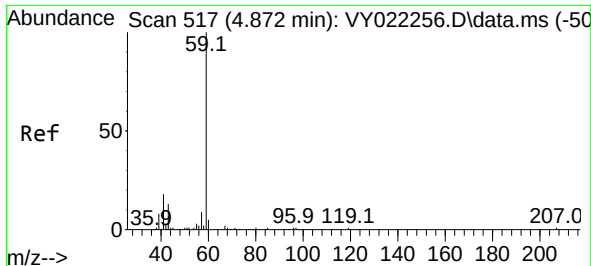
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#10
Methyl Iodide
Concen: 50.311 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

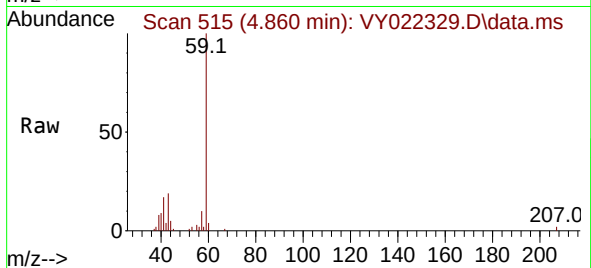
Tgt Ion:142 Resp: 113213
Ion Ratio Lower Upper
142 100
127 45.1 35.7 53.5
141 14.8 11.1 16.7





#11
Tert butyl alcohol
Concen: 215.761 ug/l
RT: 4.860 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

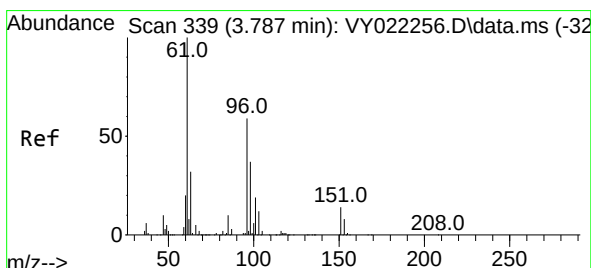
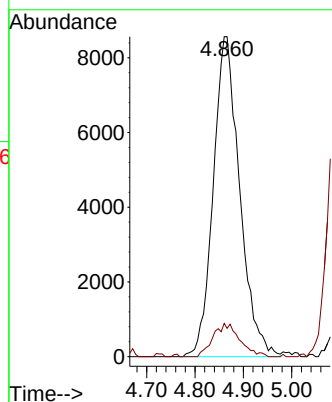
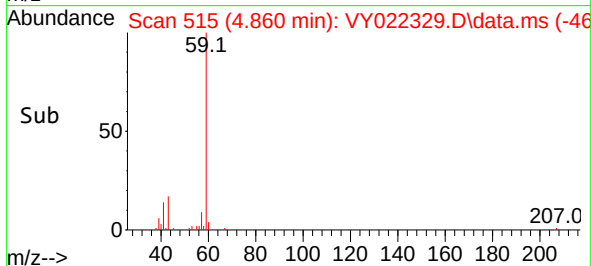
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



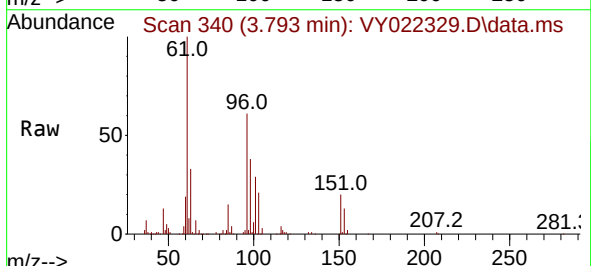
Tgt Ion: 59 Resp: 32480
Ion Ratio Lower Upper
59 100
57 10.5 0.0 0.0

Manual Integrations
APPROVED

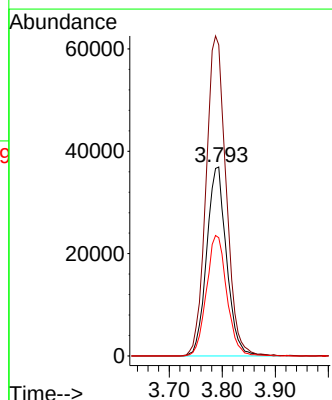
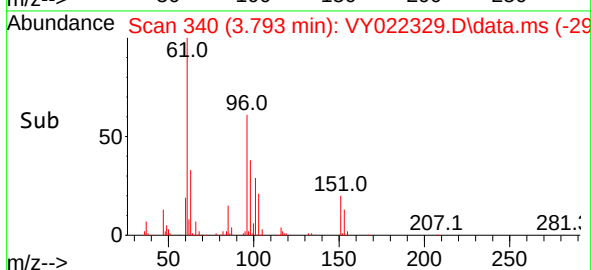
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

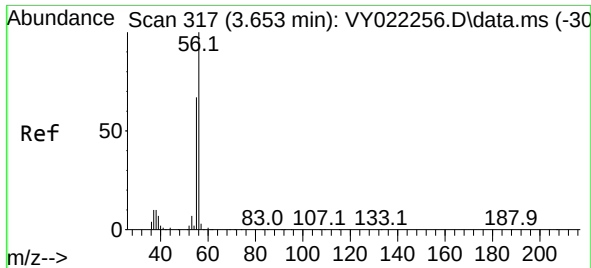


#12
1,1-Dichloroethene
Concen: 49.916 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



Tgt Ion: 96 Resp: 96307
Ion Ratio Lower Upper
96 100
61 164.5 134.9 202.3
98 62.5 49.9 74.9





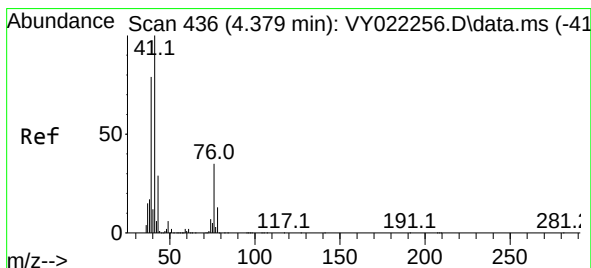
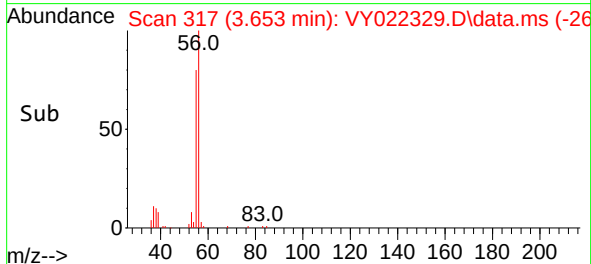
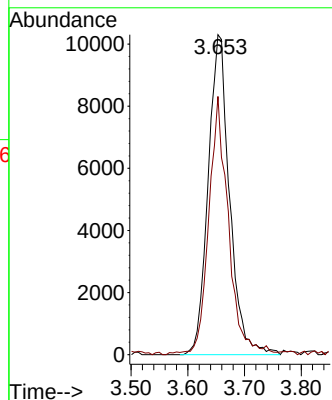
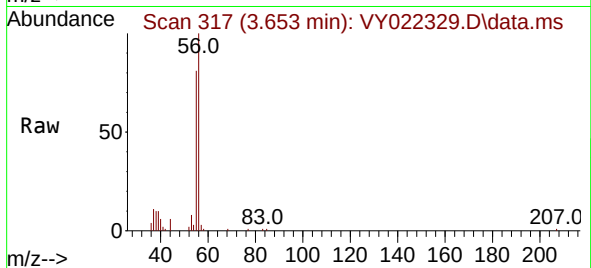
#13
Acrolein
Concen: 122.519 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 2696
Ion Ratio Lower Upper
56 100
55 74.4 55.6 83.4

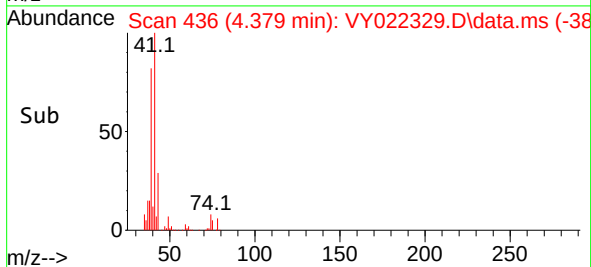
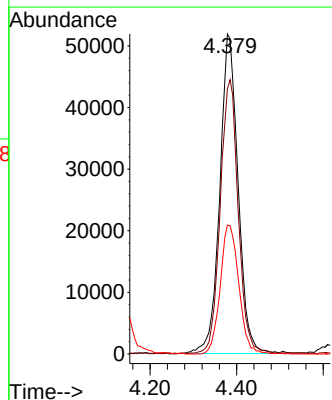
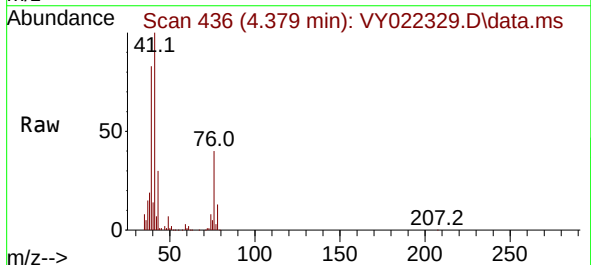
Manual Integrations
APPROVED

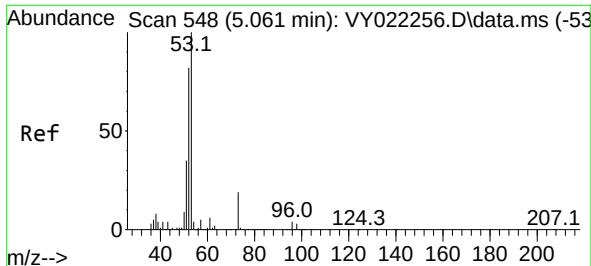
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#14
Allyl chloride
Concen: 45.013 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

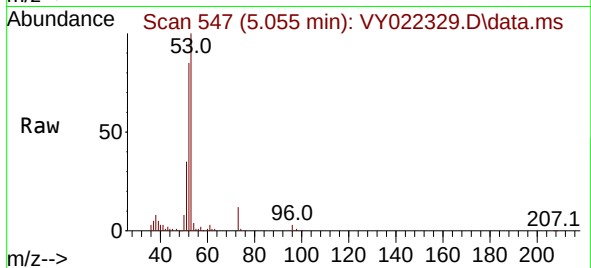
Tgt Ion: 41 Resp: 152279
Ion Ratio Lower Upper
41 100
39 84.4 63.4 95.0
76 41.0 29.5 44.3





#15
Acrylonitrile
Concen: 226.925 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

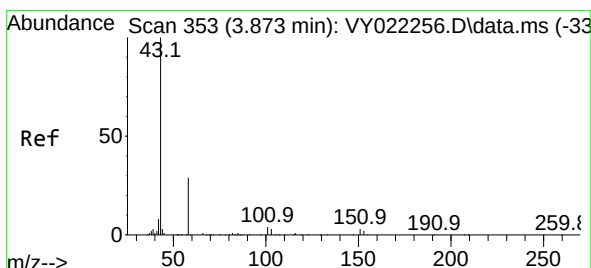
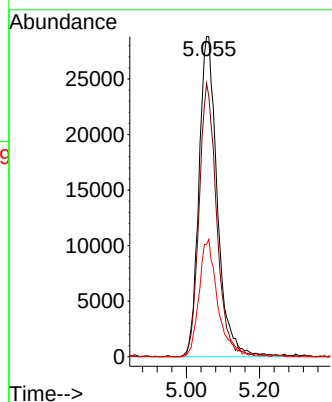
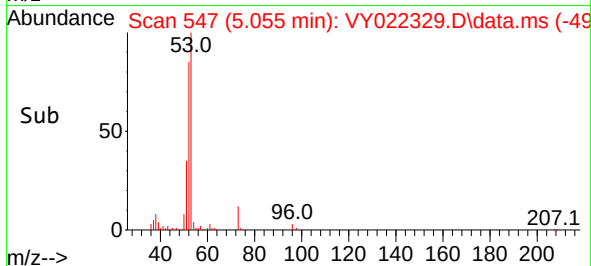
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



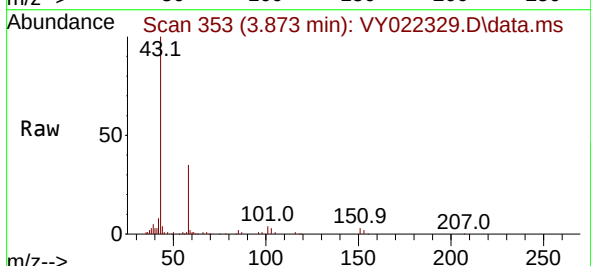
Tgt Ion: 53 Resp: 100495
Ion Ratio Lower Upper
53 100
52 81.4 66.1 99.1
51 37.2 30.0 45.0

Manual Integrations
APPROVED

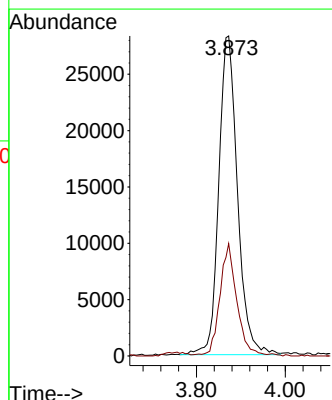
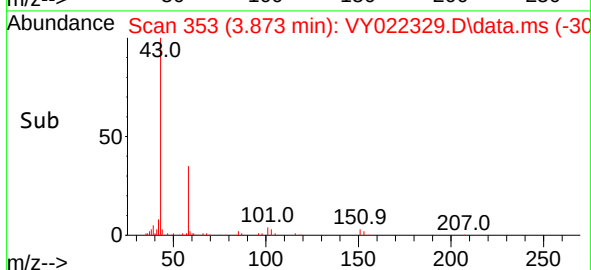
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

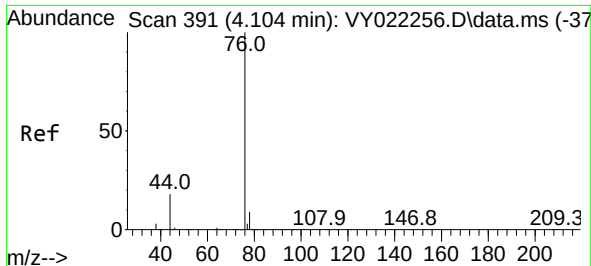


#16
Acetone
Concen: 223.009 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



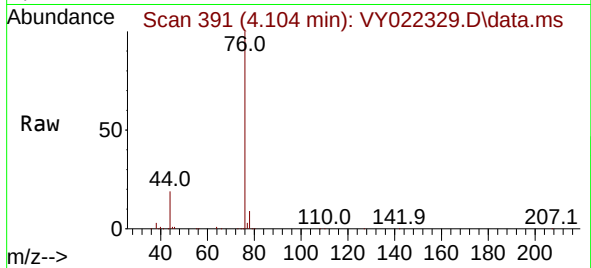
Tgt Ion: 43 Resp: 82432
Ion Ratio Lower Upper
43 100
58 35.0 23.6 35.4





#17
Carbon Disulfide
Concen: 49.060 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

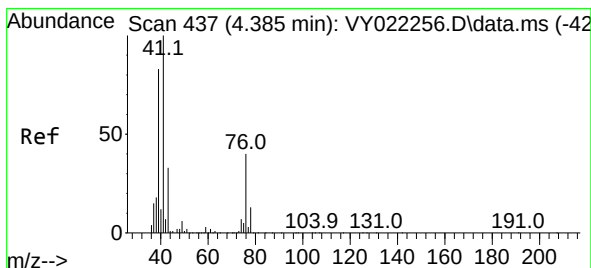
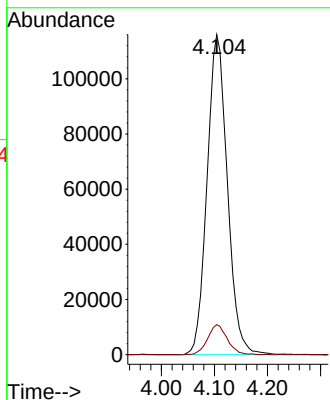
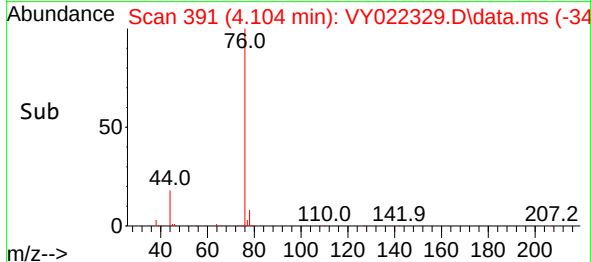
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



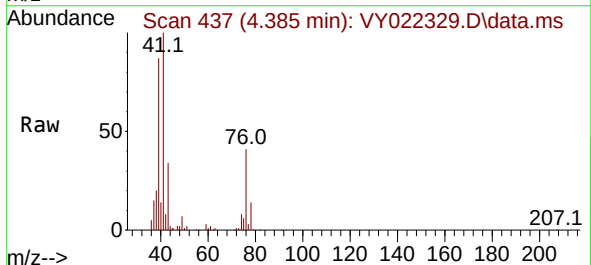
Tgt Ion: 76 Resp: 30866
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

Manual Integrations
APPROVED

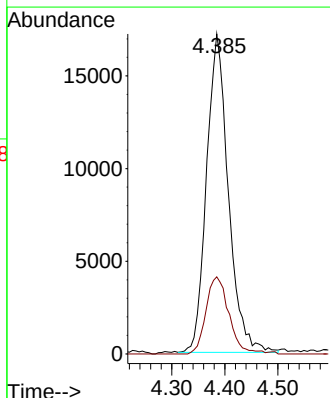
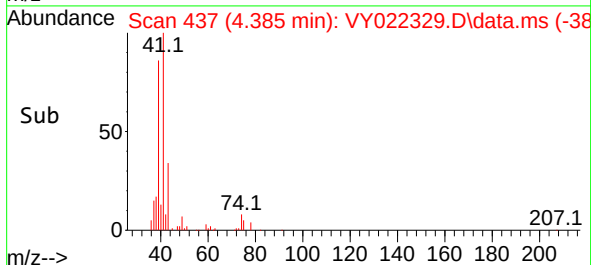
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

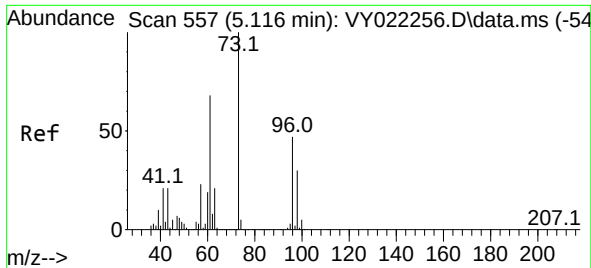


#18
Methyl Acetate
Concen: 42.141 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



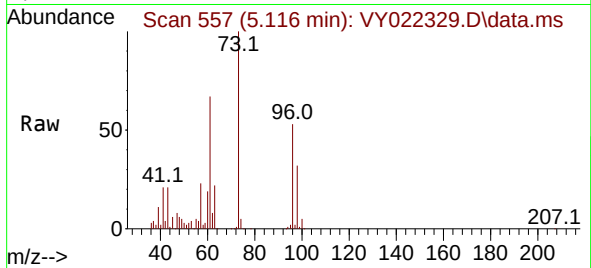
Tgt Ion: 43 Resp: 49112
Ion Ratio Lower Upper
43 100
74 25.5 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 46.893 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

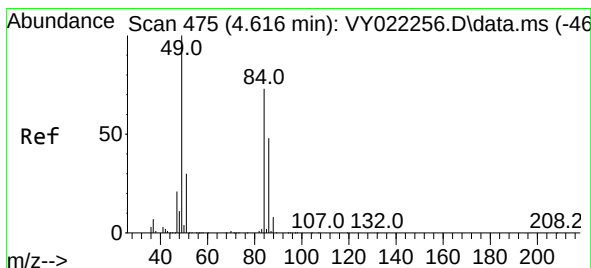
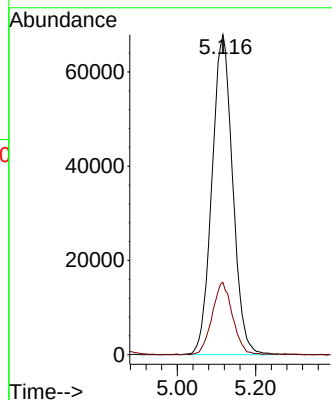
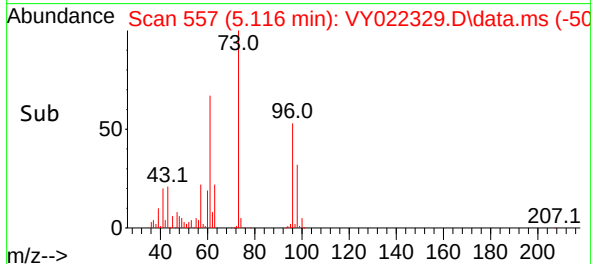
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 24946
Ion Ratio Lower Upper
73 100
57 22.6 18.6 28.0

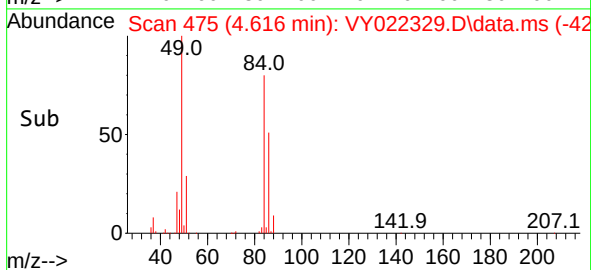
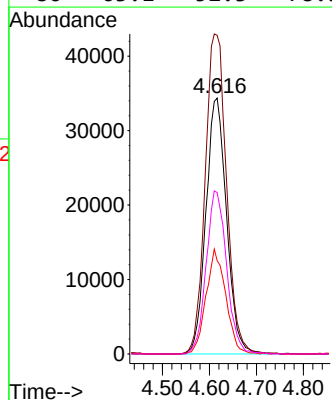
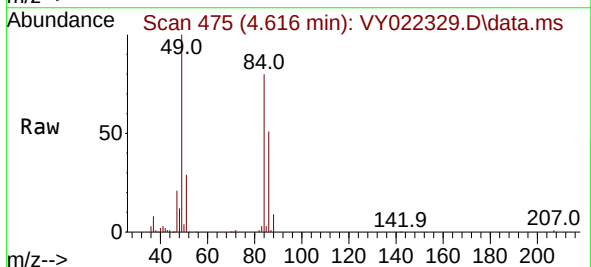
Manual Integrations
APPROVED

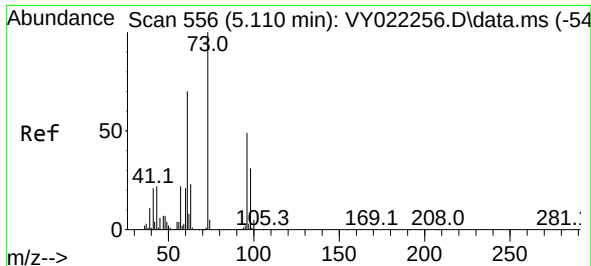
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#20
Methylene Chloride
Concen: 43.941 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

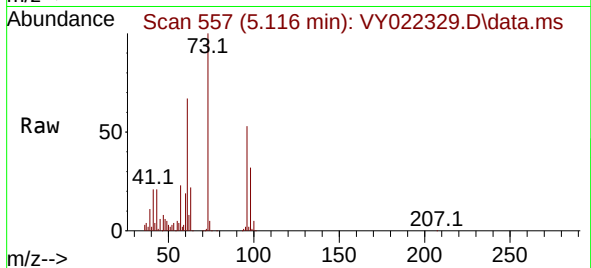
Tgt Ion: 84 Resp: 104952
Ion Ratio Lower Upper
84 100
49 124.6 109.6 164.4
51 36.5 32.4 48.6
86 63.1 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.353 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

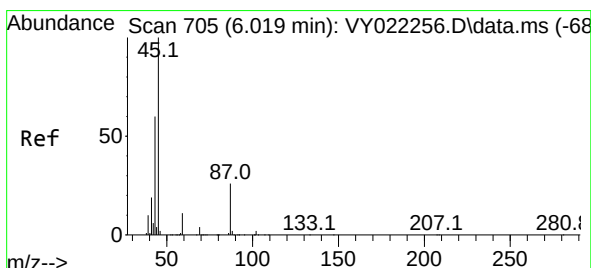
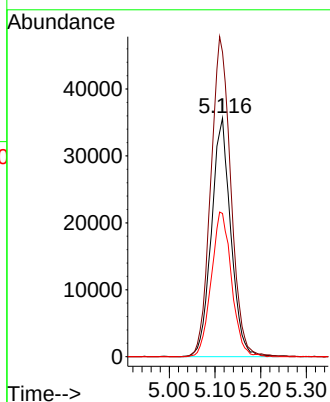
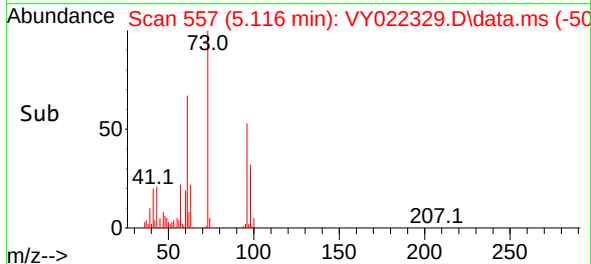
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10510
Ion Ratio Lower Upper
96 100
61 127.6 113.4 170.0
98 60.0 50.9 76.3

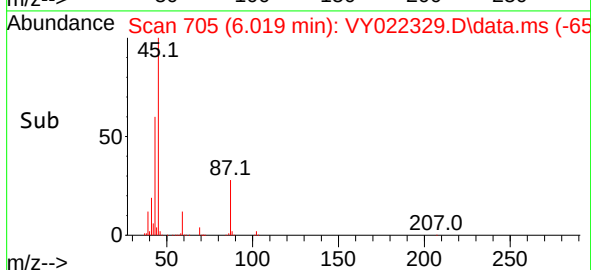
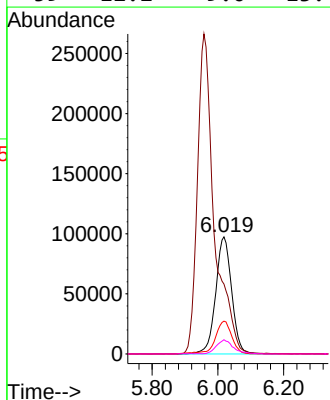
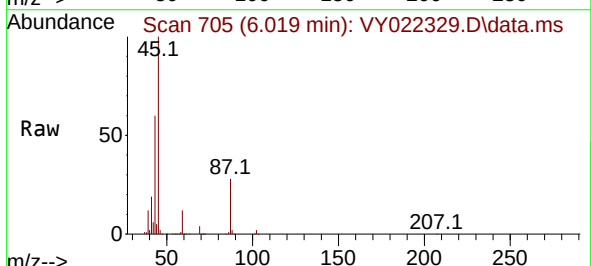
Manual Integrations
APPROVED

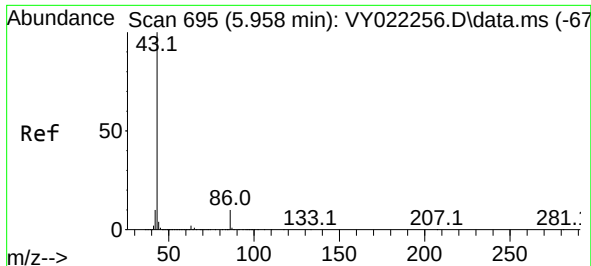
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#22
Diisopropyl ether
Concen: 45.916 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

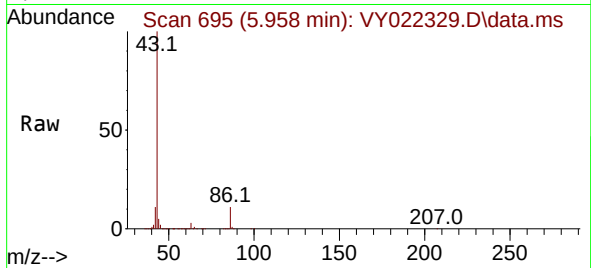
Tgt Ion: 45 Resp: 328037
Ion Ratio Lower Upper
45 100
43 59.6 48.2 72.2
87 28.0 21.4 32.0
59 12.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 219.054 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022329.D
 Acq: 20 May 2025 08:40

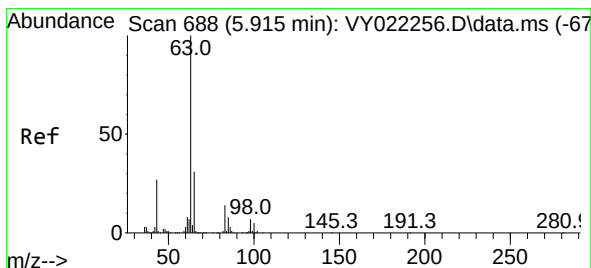
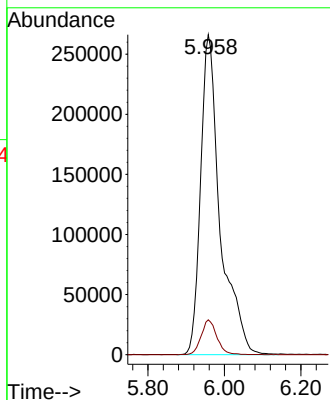
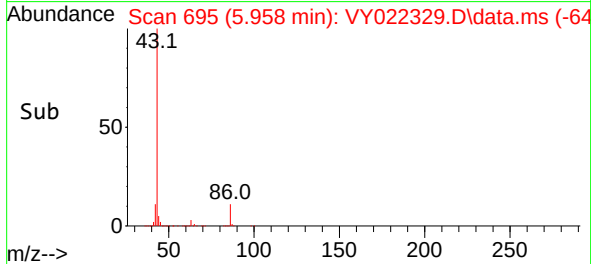
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



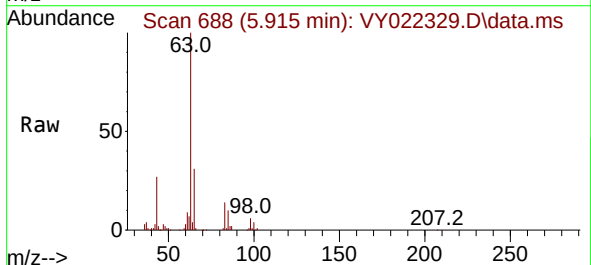
Tgt Ion: 43 Resp: 945452
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

Manual Integrations
 APPROVED

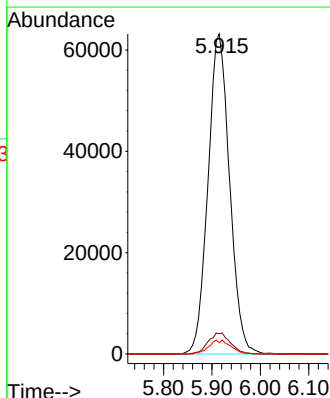
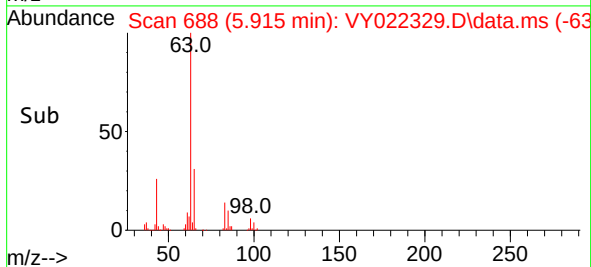
Reviewed By :Mahesh Dadoda 05/21/2025
 Supervised By :Semsettin Yesilyurt 05/21/2025

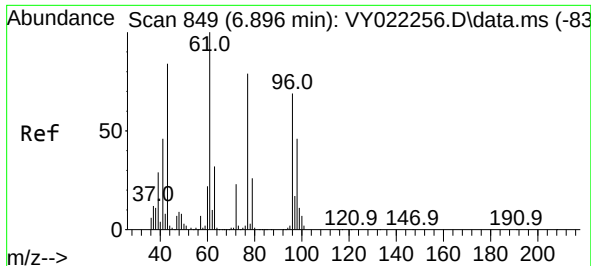


#24
 1,1-Dichloroethane
 Concen: 49.046 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022329.D
 Acq: 20 May 2025 08:40



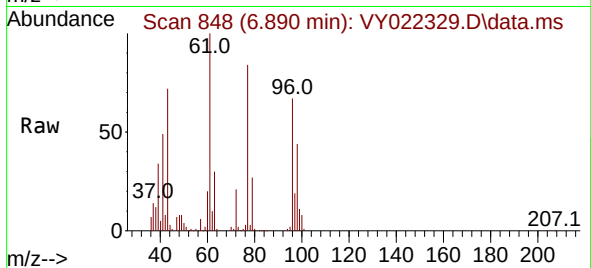
Tgt Ion: 63 Resp: 195759
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 3.6 2.4 7.2





#25
2-Butanone
Concen: 214.116 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

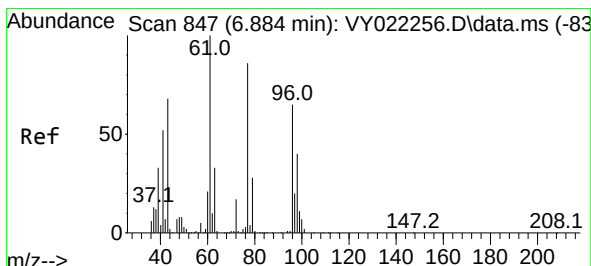
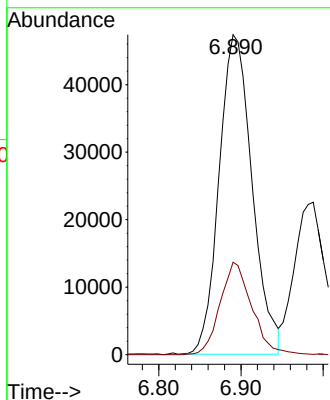
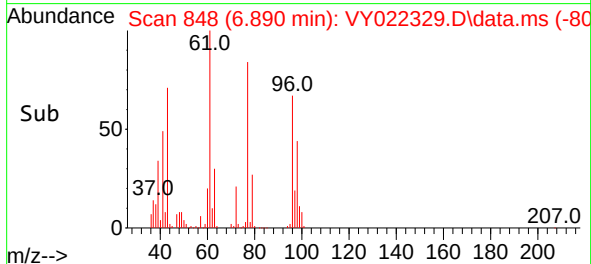
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



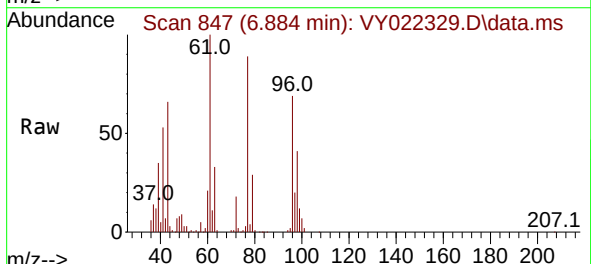
Tgt Ion: 43 Resp: 132380
Ion Ratio Lower Upper
43 100
72 28.9 22.1 33.1

Manual Integrations
APPROVED

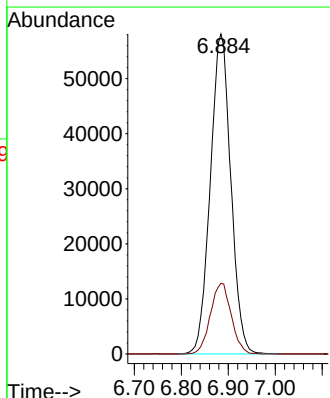
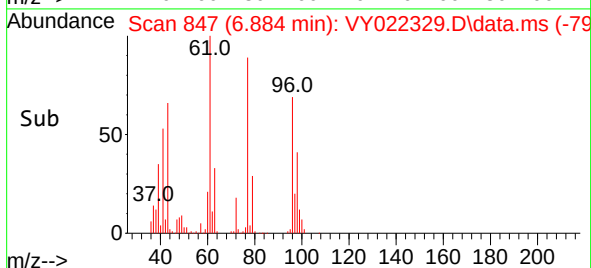
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

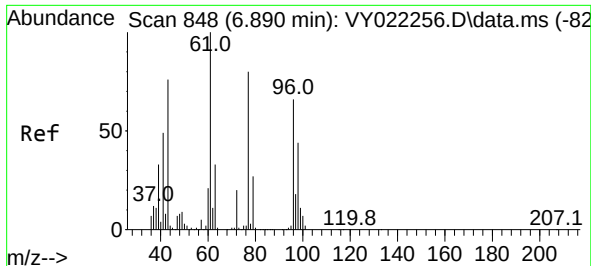


#26
2,2-Dichloropropane
Concen: 49.606 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



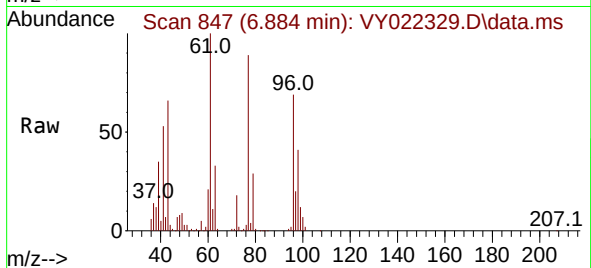
Tgt Ion: 77 Resp: 176104
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 50.159 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

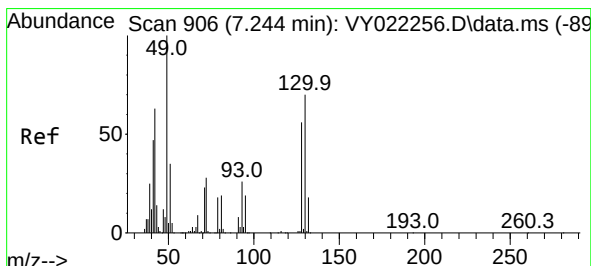
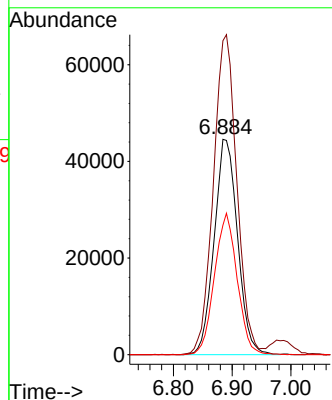
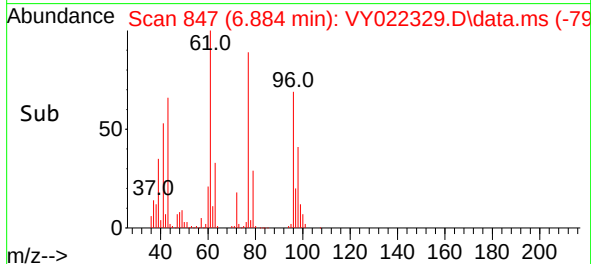
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 123269
Ion Ratio Lower Upper
96 100
61 149.5 0.0 302.6
98 63.9 0.0 128.8

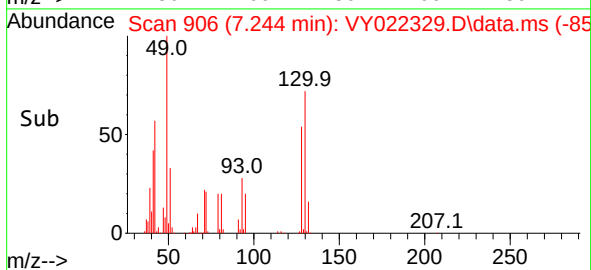
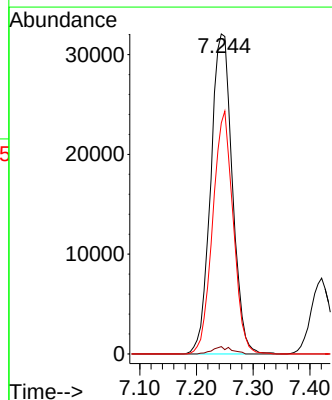
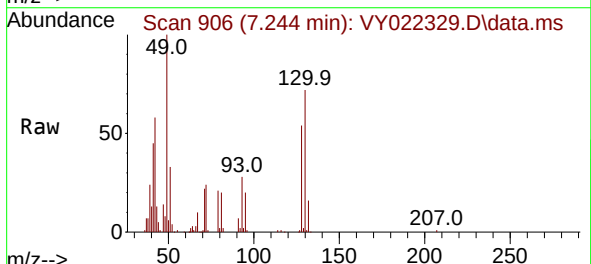
Manual Integrations
APPROVED

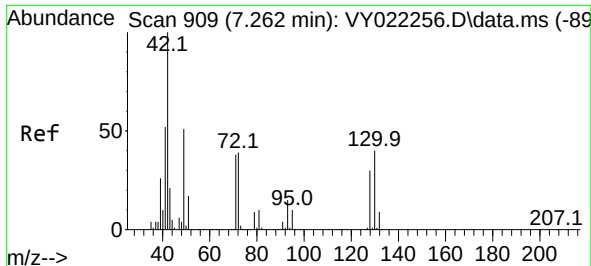
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#28
Bromochloromethane
Concen: 49.834 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 49 Resp: 84842
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.6
130 71.9 54.7 82.1





#29

Tetrahydrofuran

Concen: 215.541 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

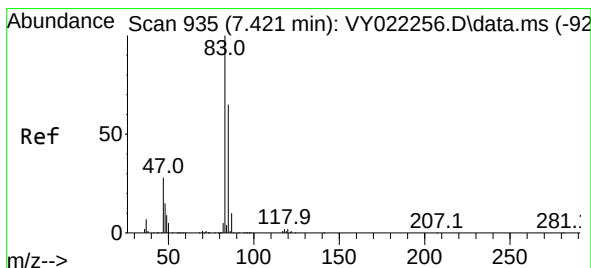
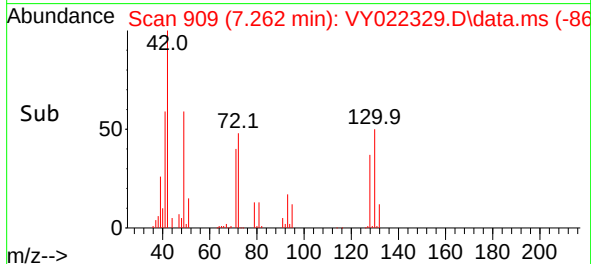
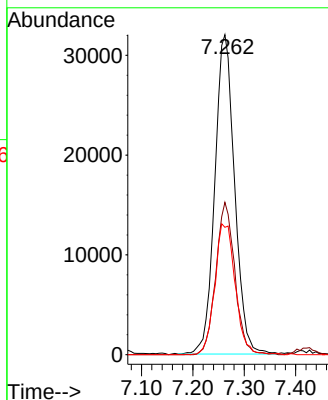
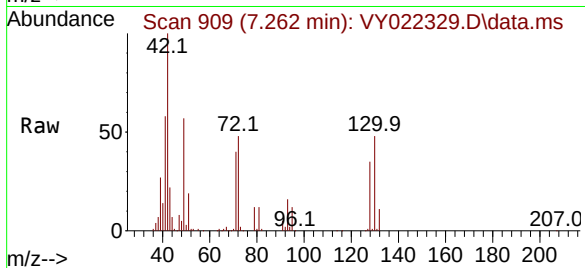
VSTDCCC050

Tgt Ion:	42	Resp:	85738
Ion	Ratio	Lower	Upper
42	100		
72	45.8	33.8	50.6
71	42.3	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#30

Chloroform

Concen: 49.916 ug/l

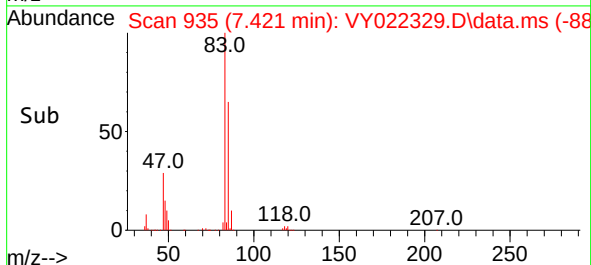
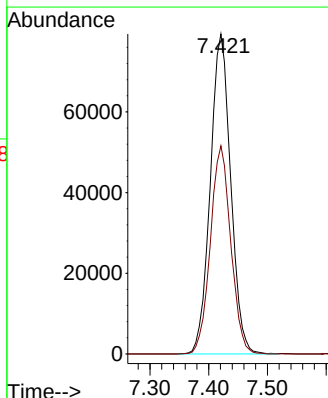
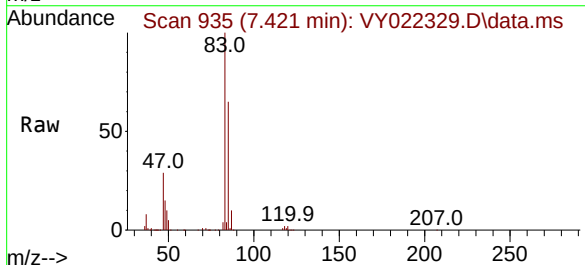
RT: 7.421 min Scan# 935

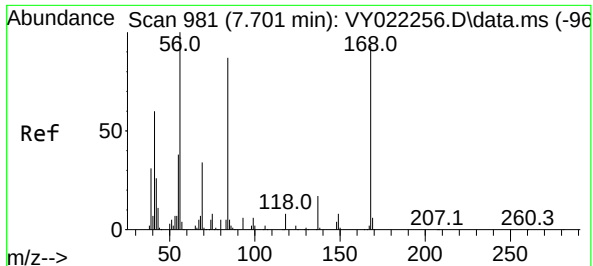
Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

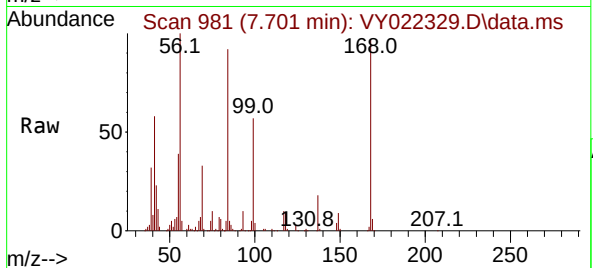
Tgt Ion:	83	Resp:	191099
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.8





#31
Cyclohexane
Concen: 46.827 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

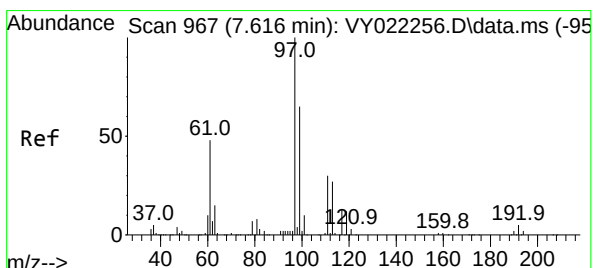
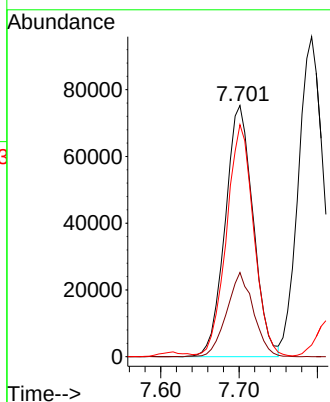
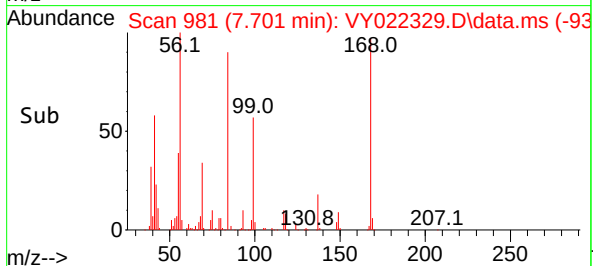
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



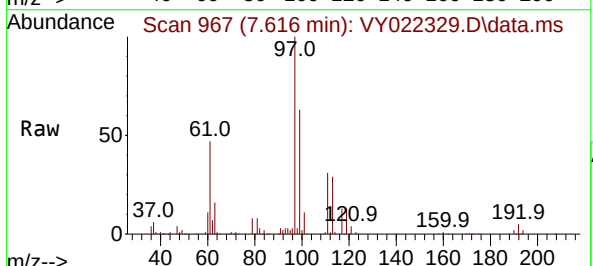
Tgt Ion: 56 Resp: 186740
Ion Ratio Lower Upper
56 100
69 33.4 27.4 41.2
84 91.1 70.0 105.0

Manual Integrations
APPROVED

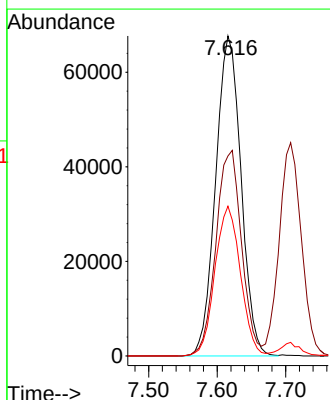
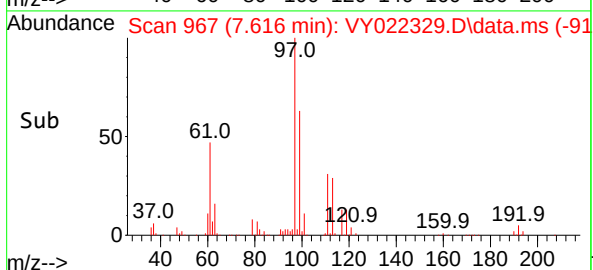
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

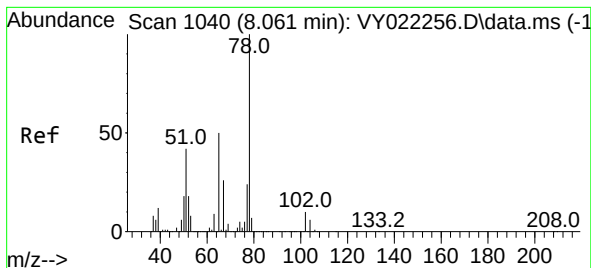


#32
1,1,1-Trichloroethane
Concen: 49.587 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



Tgt Ion: 97 Resp: 174168
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 47.0 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 48.805 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 9621

Ion Ratio Lower Upper

65 100

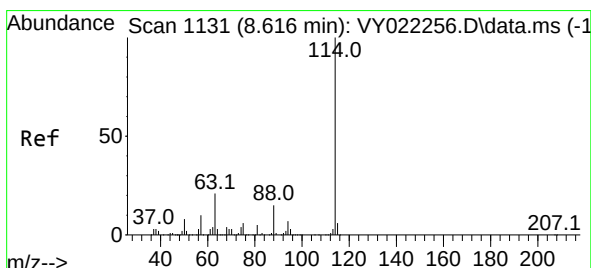
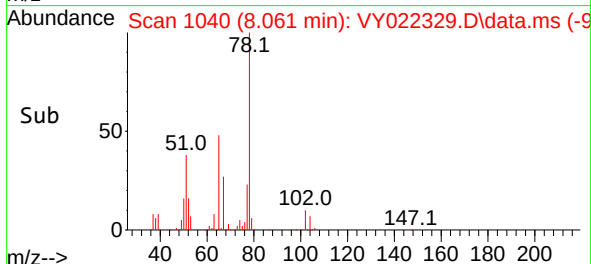
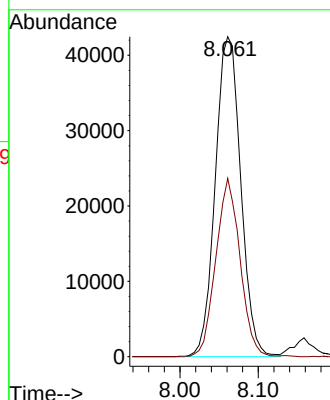
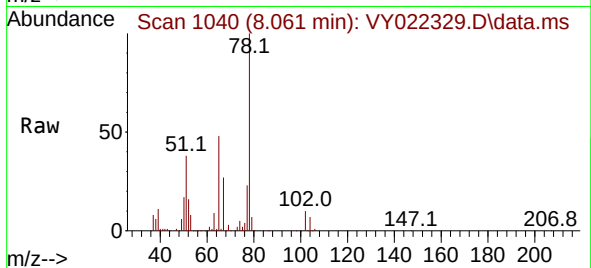
67 52.8 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

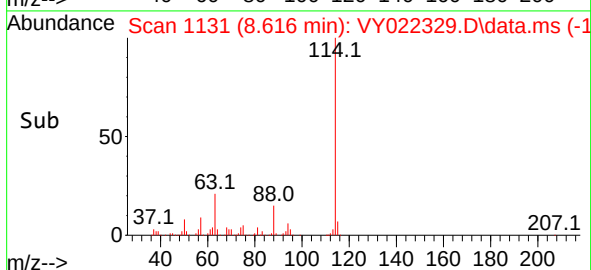
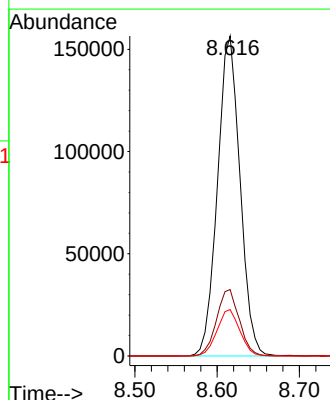
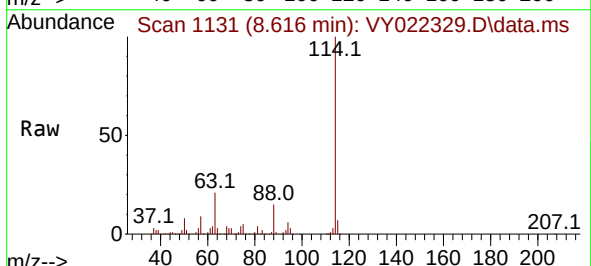
Tgt Ion:114 Resp: 298369

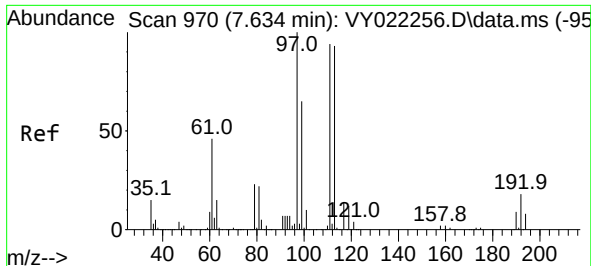
Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.0

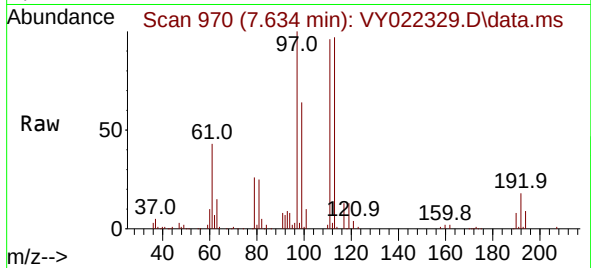
88 14.5 0.0 29.4





#35
Dibromofluoromethane
Concen: 51.076 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

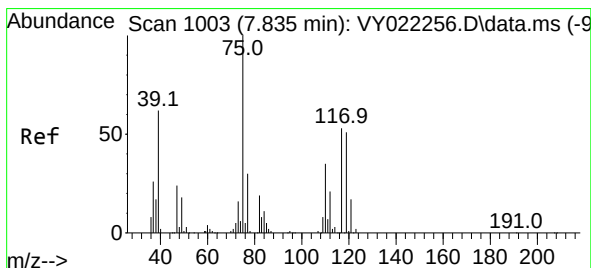
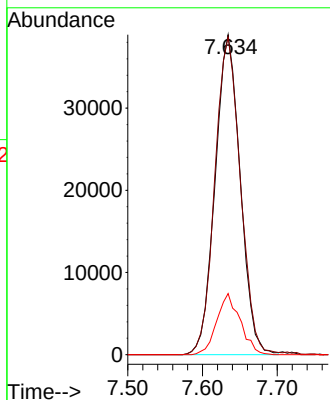
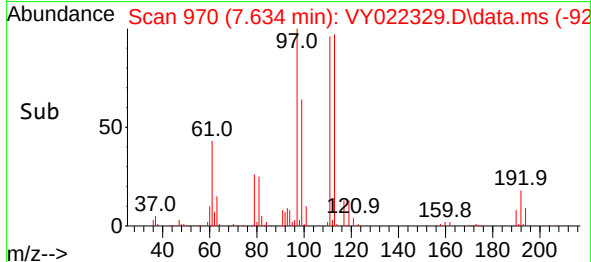
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



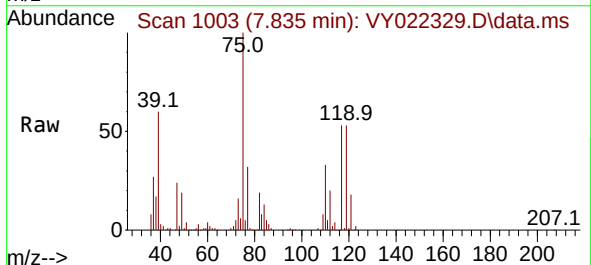
Tgt Ion:113 Resp: 9095
Ion Ratio Lower Upper
113 100
111 101.0 82.6 123.8
192 17.8 15.2 22.8

Manual Integrations
APPROVED

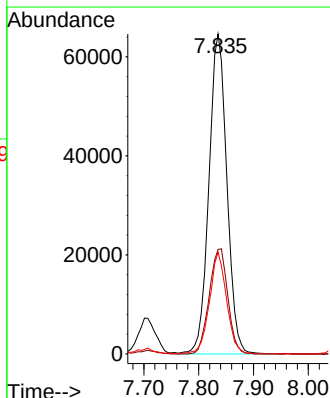
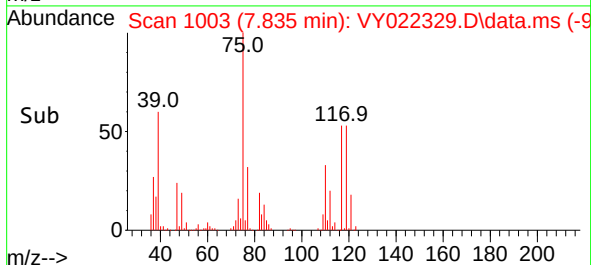
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

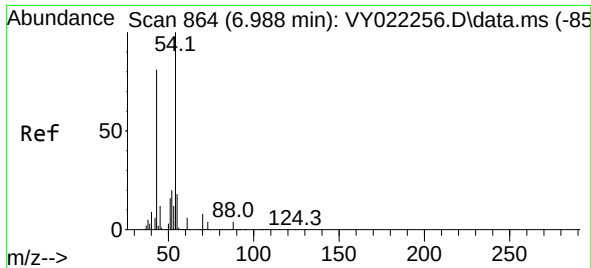


#36
1,1-Dichloropropene
Concen: 50.028 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



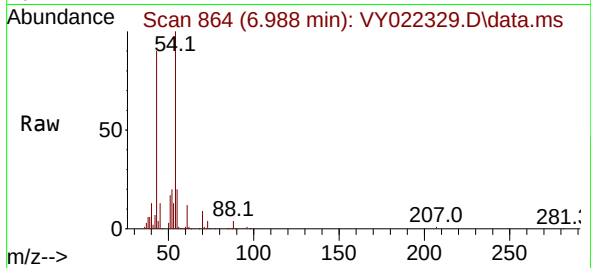
Tgt Ion: 75 Resp: 146745
Ion Ratio Lower Upper
75 100
110 34.0 16.6 49.8
77 30.3 24.6 37.0





#37
Ethyl Acetate
Concen: 43.038 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

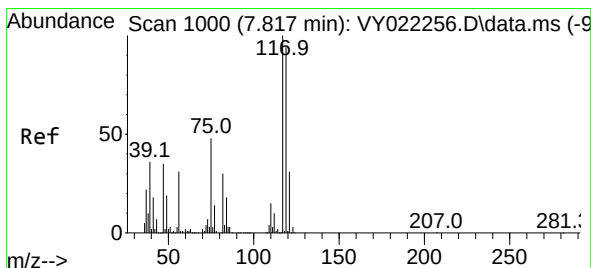
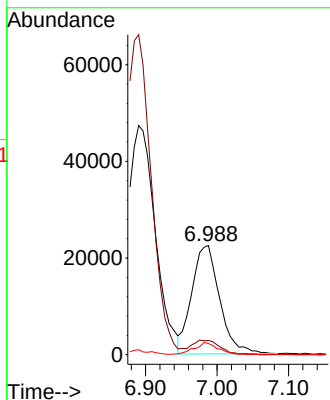
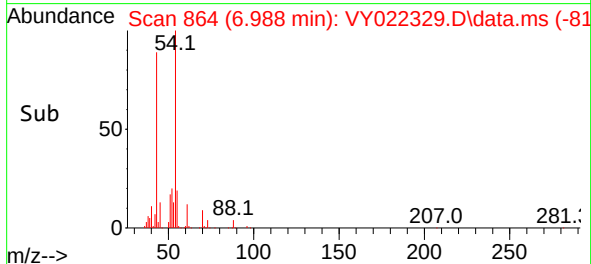
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



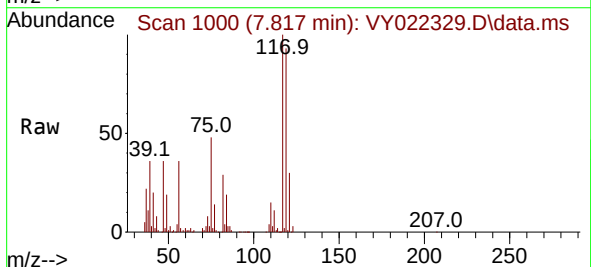
Tgt Ion: 43 Resp: 6074
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.2
70 9.7 7.6 11.4

Manual Integrations
APPROVED

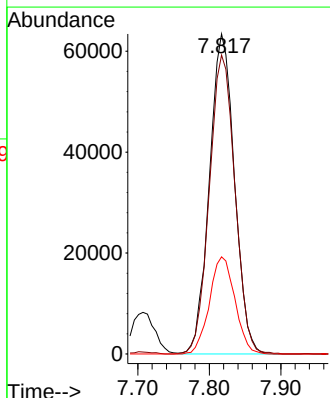
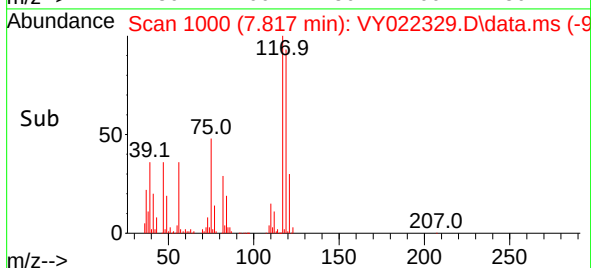
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

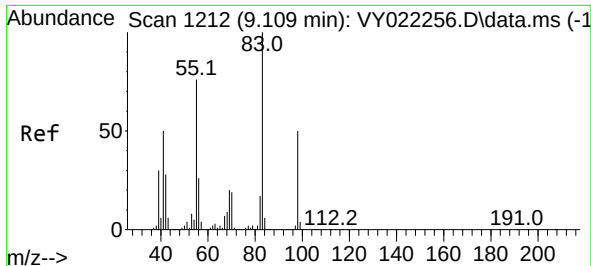


#38
Carbon Tetrachloride
Concen: 50.762 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



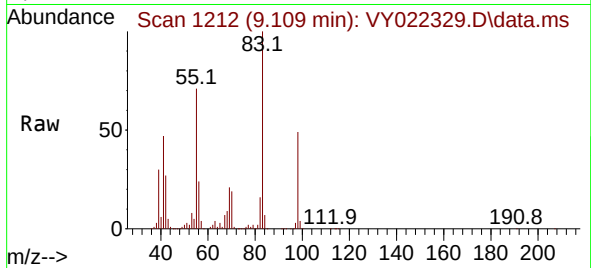
Tgt Ion:117 Resp: 154127
Ion Ratio Lower Upper
117 100
119 93.3 75.3 112.9
121 30.4 24.7 37.1





#39
Methylcyclohexane
Concen: 50.127 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

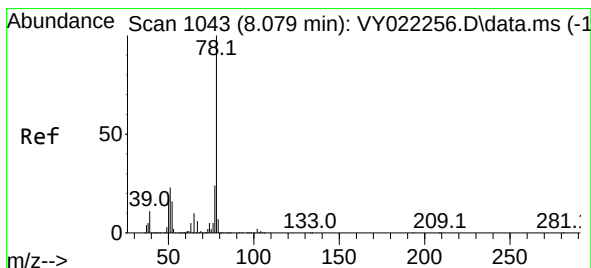
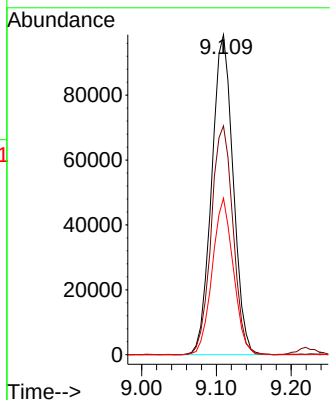
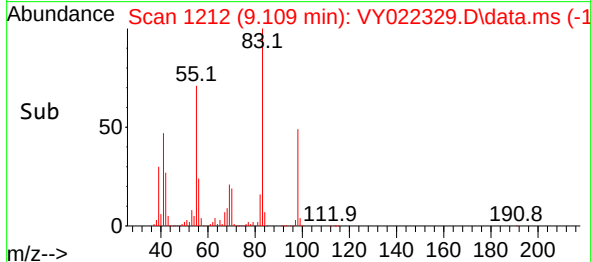
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



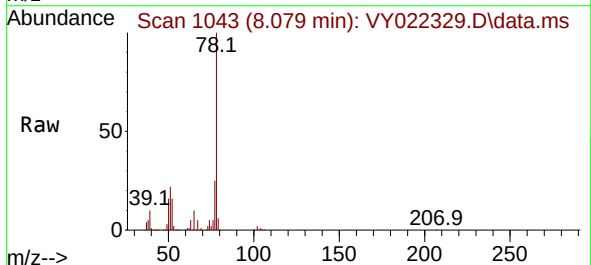
Tgt Ion: 83 Resp: 19754
Ion Ratio Lower Upper
83 100
55 71.5 60.6 90.8
98 48.9 40.0 60.0

Manual Integrations
APPROVED

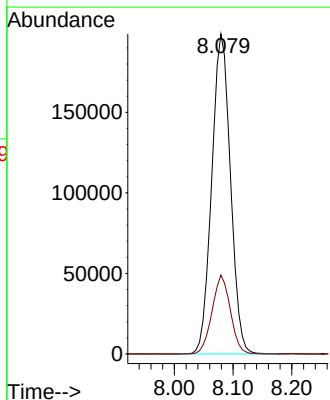
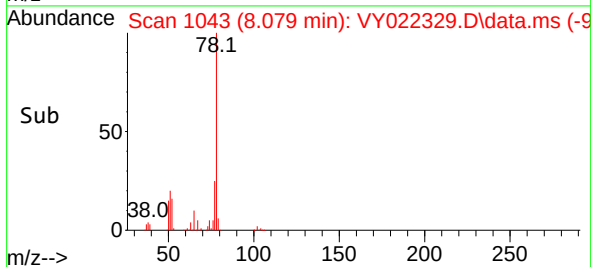
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

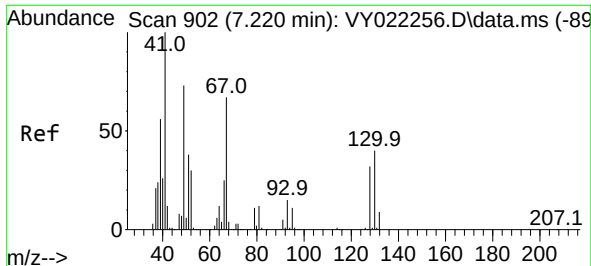


#40
Benzene
Concen: 50.555 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



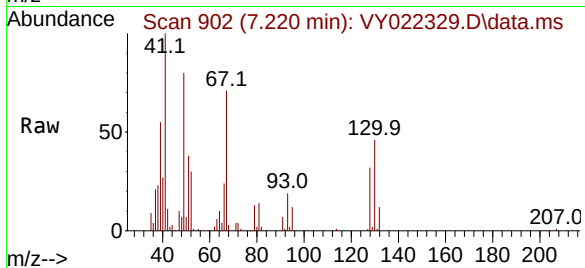
Tgt Ion: 78 Resp: 439609
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3





#41
Methacrylonitrile
Concen: 45.192 ug/l m
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

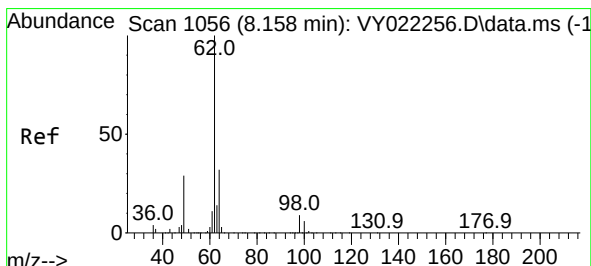
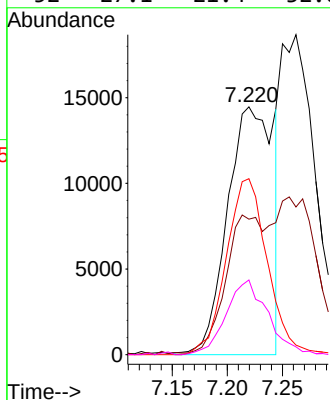
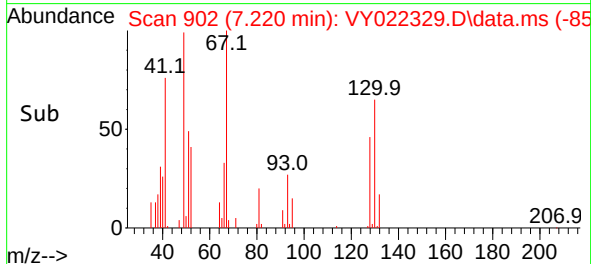
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



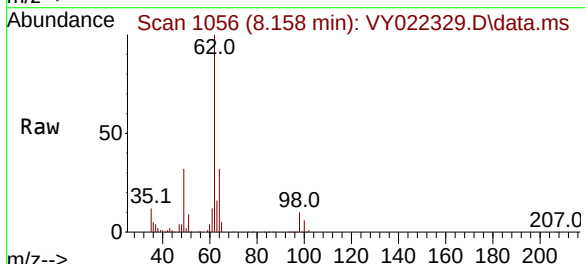
Tgt Ion: 41 Resp: 42308
Ion Ratio Lower Upper
41 100
39 43.3 39.1 58.7
67 63.2 47.1 70.7
52 27.1 21.4 32.0

Manual Integrations
APPROVED

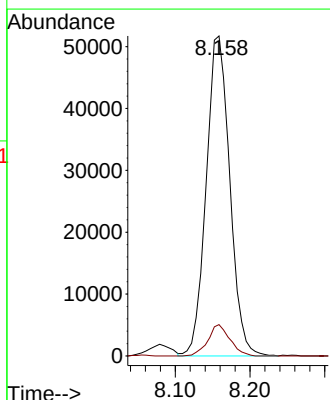
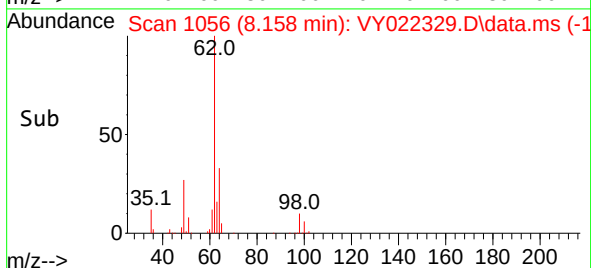
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

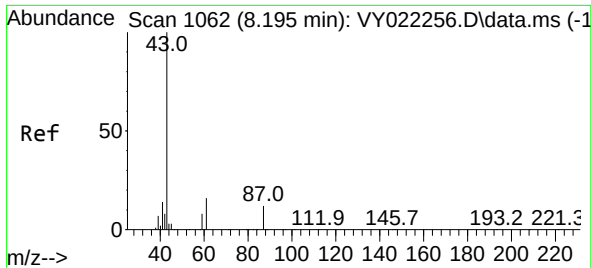


#42
1,2-Dichloroethane
Concen: 48.255 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



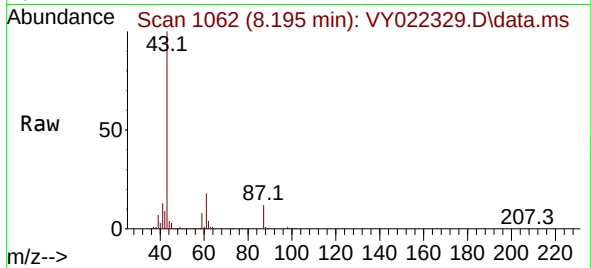
Tgt Ion: 62 Resp: 113474
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43
Isopropyl Acetate
Concen: 43.001 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

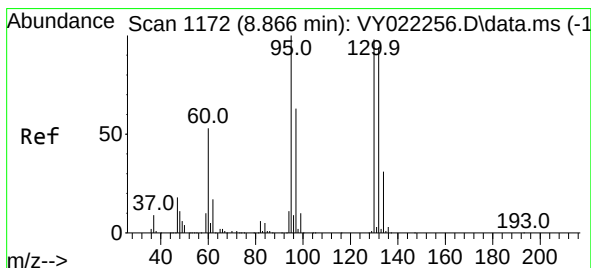
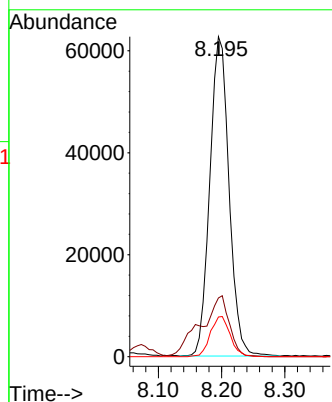
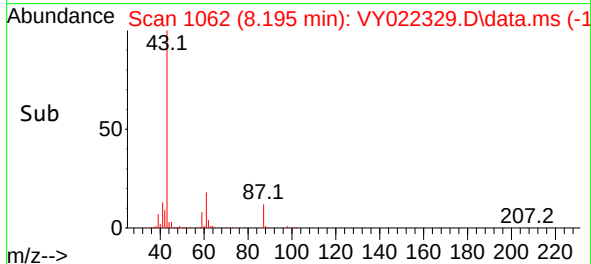
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



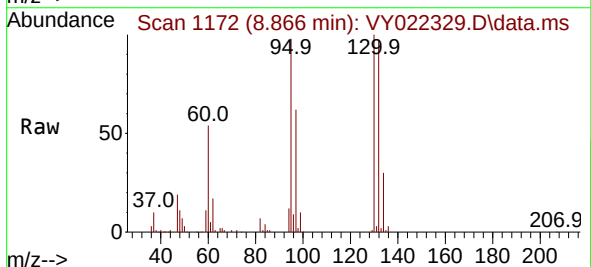
Tgt Ion: 43 Resp: 13235
Ion Ratio Lower Upper
43 100
61 28.5 15.1 22.7
87 13.0 9.7 14.5

Manual Integrations
APPROVED

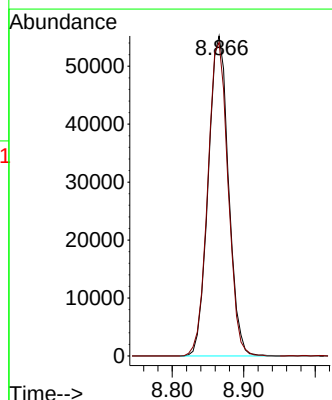
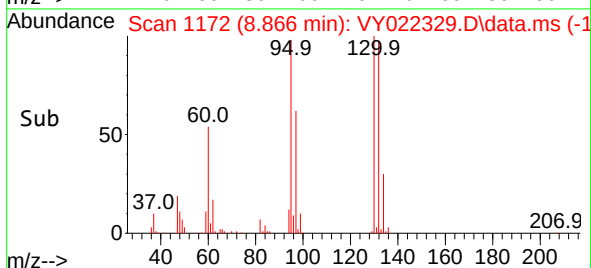
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

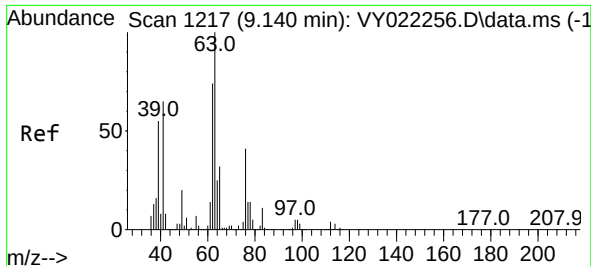


#44
Trichloroethene
Concen: 50.212 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



Tgt Ion:130 Resp: 108566
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 49.181 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 103100

Ion Ratio Lower Upper

63 100

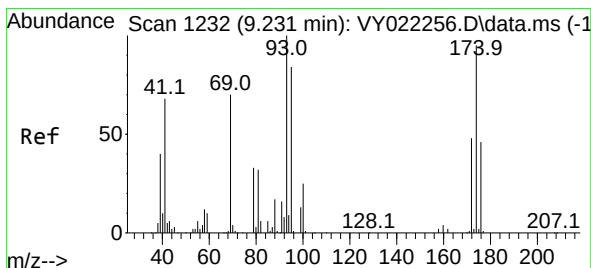
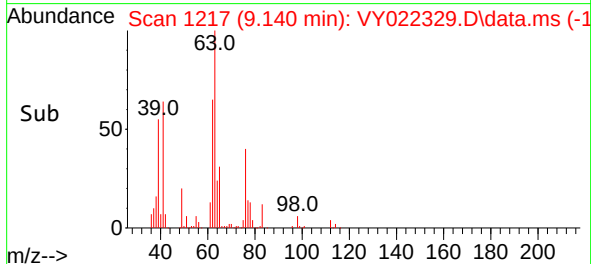
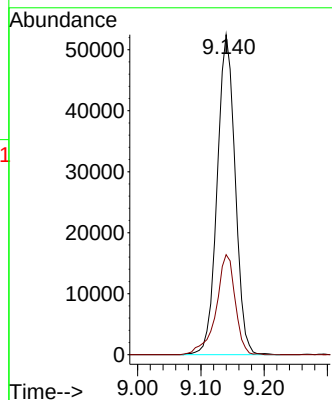
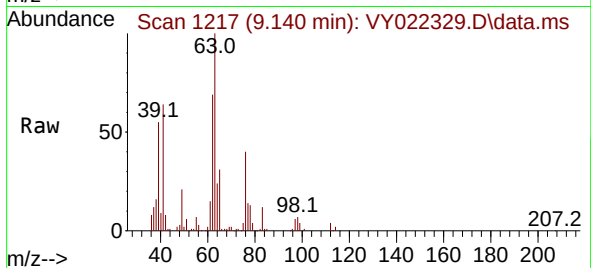
65 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#46

Dibromomethane

Concen: 48.227 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

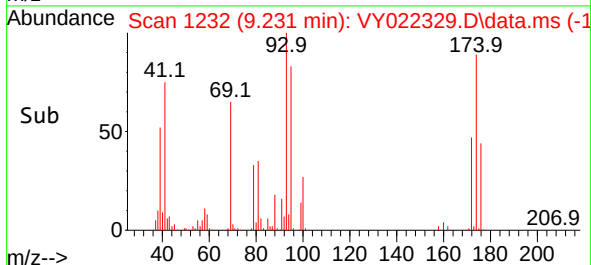
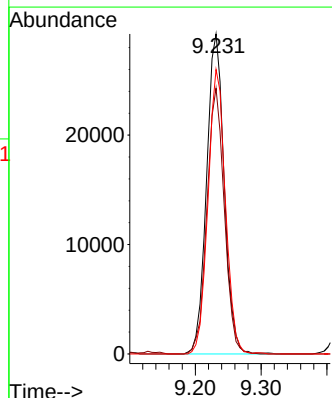
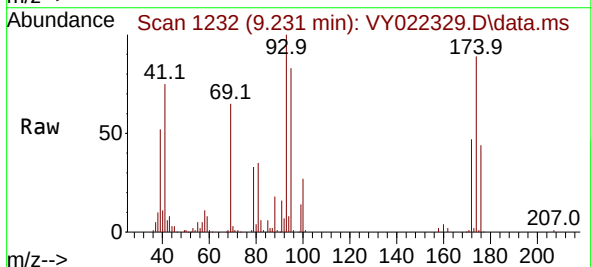
Tgt Ion: 93 Resp: 54532

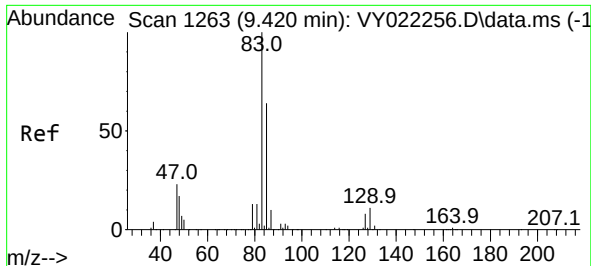
Ion Ratio Lower Upper

93 100

95 82.0 65.2 97.8

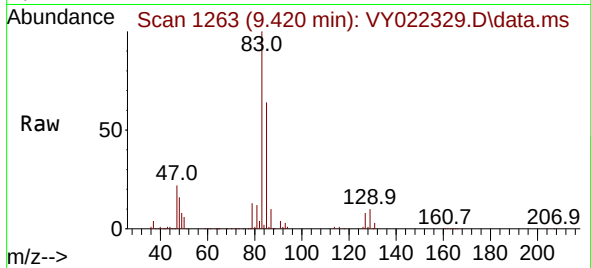
174 87.8 74.3 111.5





#47
Bromodichloromethane
Concen: 49.724 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

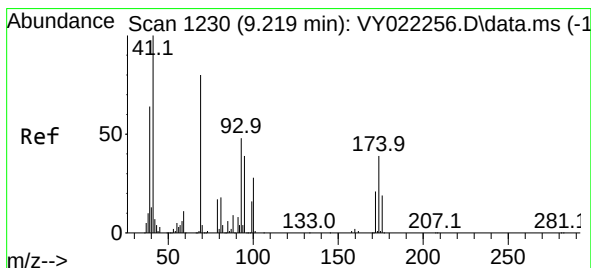
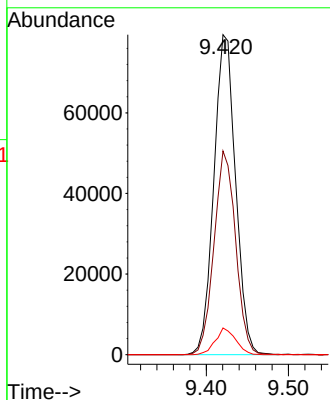
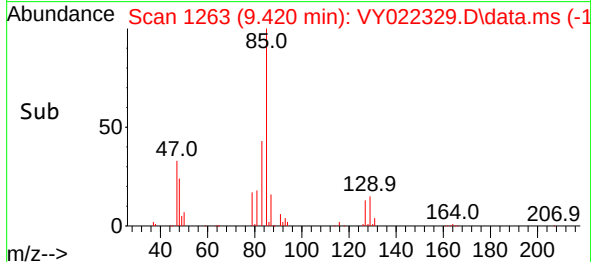
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 145860
Ion Ratio Lower Upper
83 100
85 63.7 51.1 76.7
127 8.4 6.6 10.0

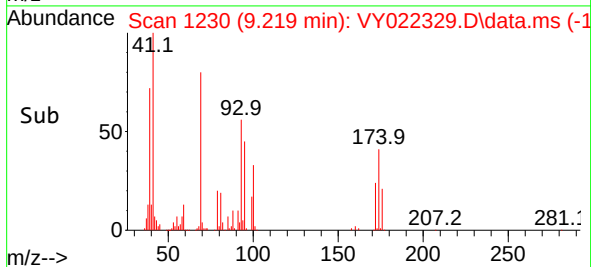
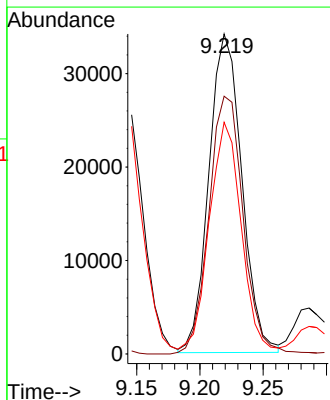
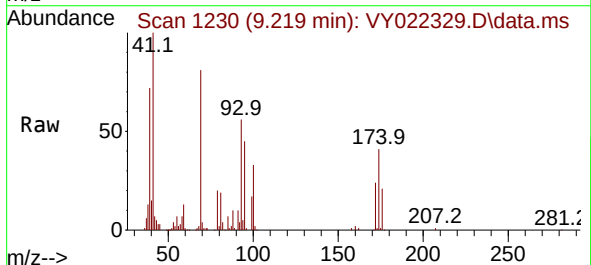
Manual Integrations
APPROVED

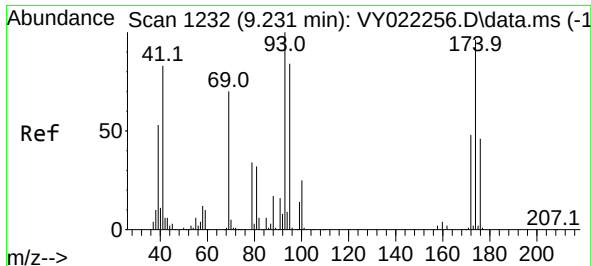
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#48
Methyl methacrylate
Concen: 42.873 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 41 Resp: 61712
Ion Ratio Lower Upper
41 100
69 84.2 63.5 95.3
39 68.0 50.8 76.2





#49

1,4-Dioxane

Concen: 945.674 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 12080

Ion Ratio Lower Upper

88 100

43 34.0 28.5 42.7

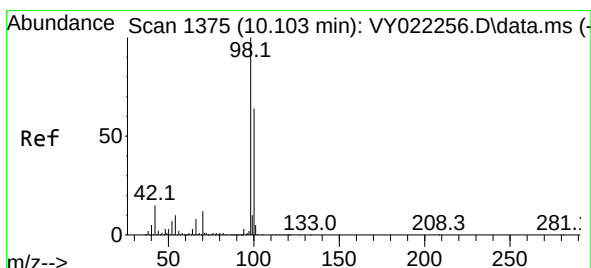
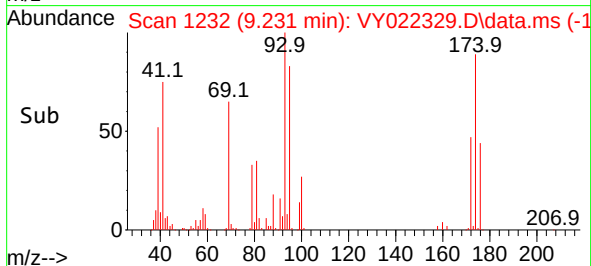
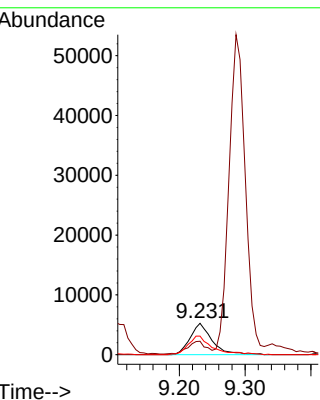
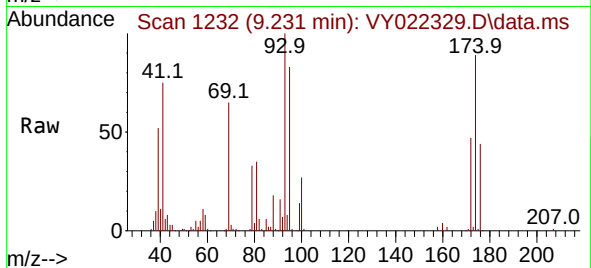
58 65.6 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#50

Toluene-d8

Concen: 51.484 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022329.D

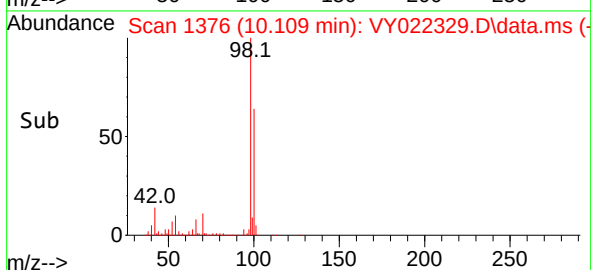
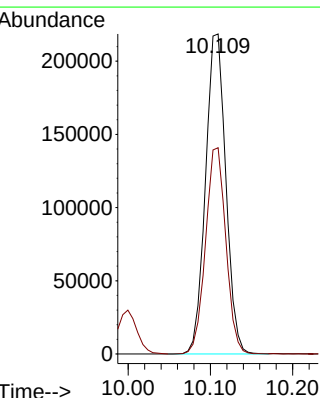
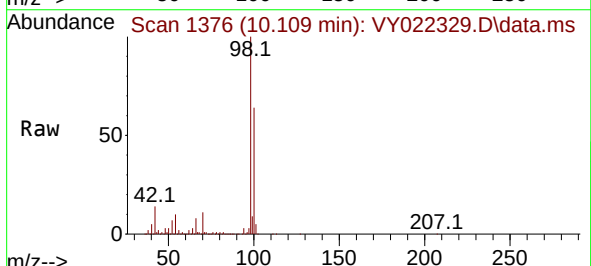
Acq: 20 May 2025 08:40

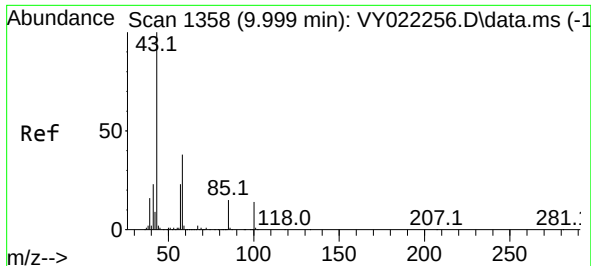
Tgt Ion: 98 Resp: 375501

Ion Ratio Lower Upper

98 100

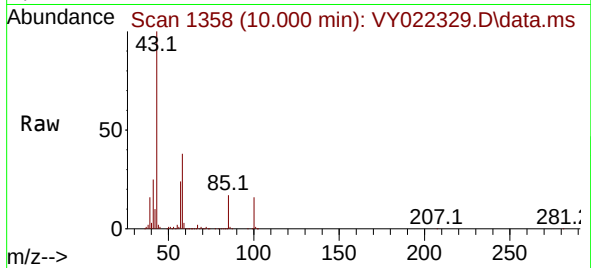
100 64.5 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 217.386 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

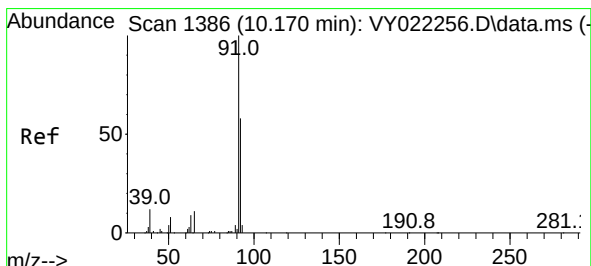
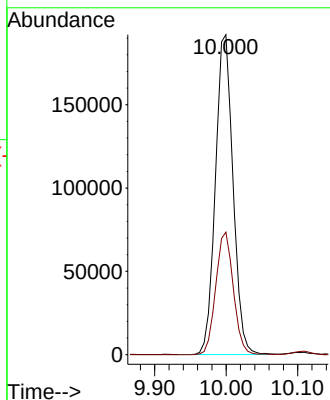
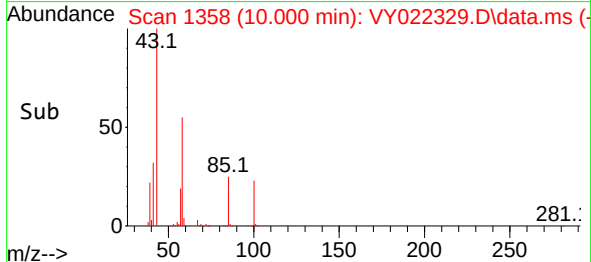
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



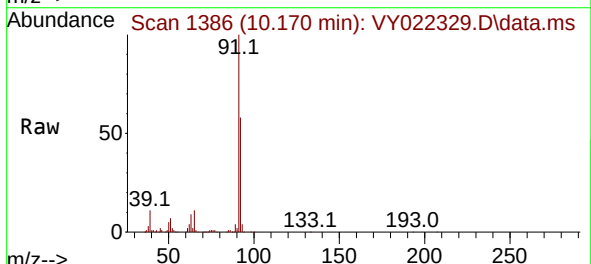
Tgt Ion: 43 Resp: 328310
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.2

Manual Integrations
APPROVED

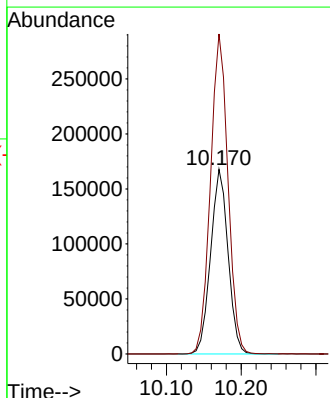
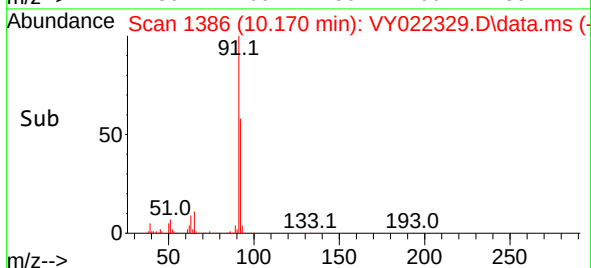
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

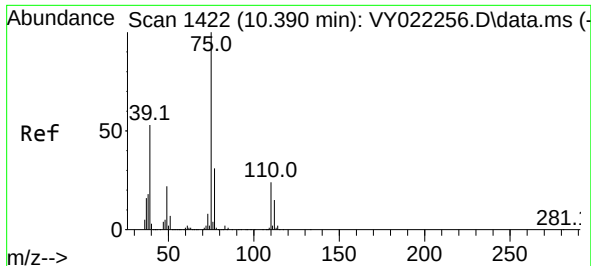


#52
Toluene
Concen: 49.403 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



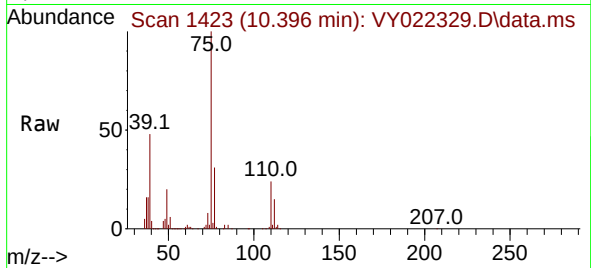
Tgt Ion: 92 Resp: 272032
Ion Ratio Lower Upper
92 100
91 173.8 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 47.744 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

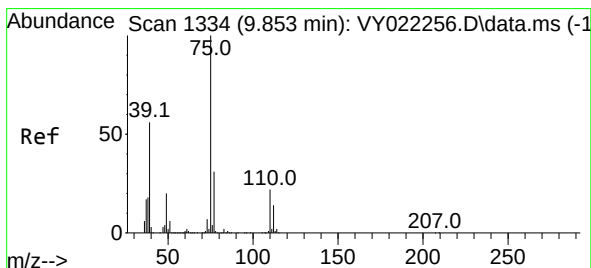
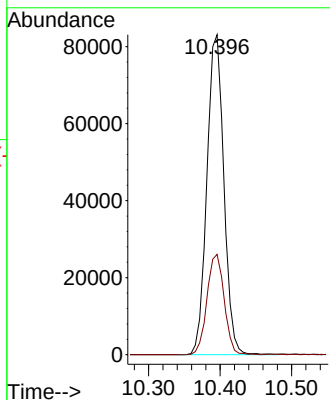
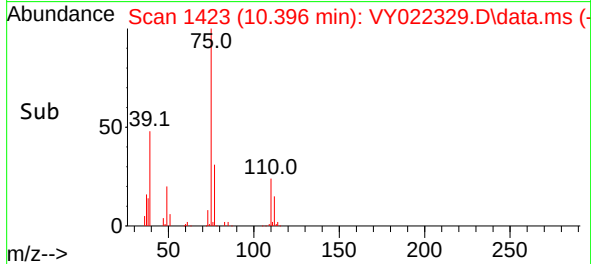
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



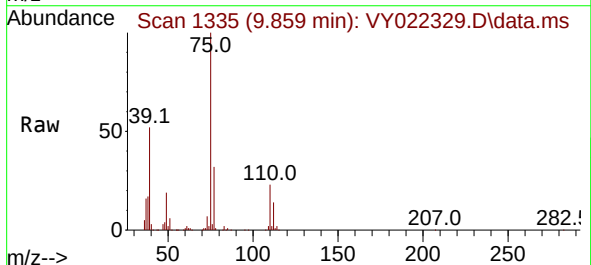
Tgt Ion: 75 Resp: 136680
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6

Manual Integrations
APPROVED

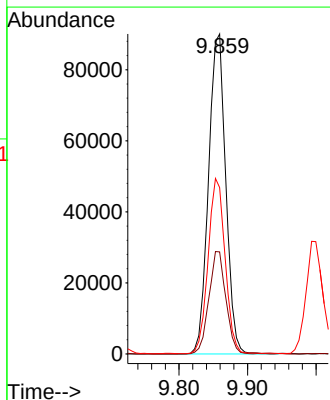
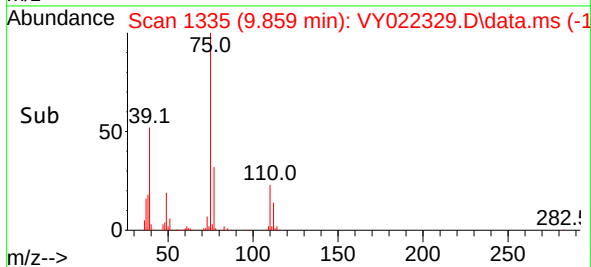
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

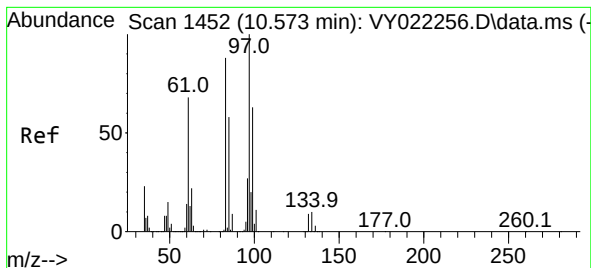


#54
cis-1,3-Dichloropropene
Concen: 48.006 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



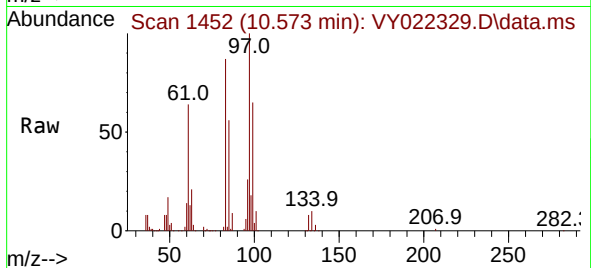
Tgt Ion: 75 Resp: 157453
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7
39 51.9 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 48.082 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

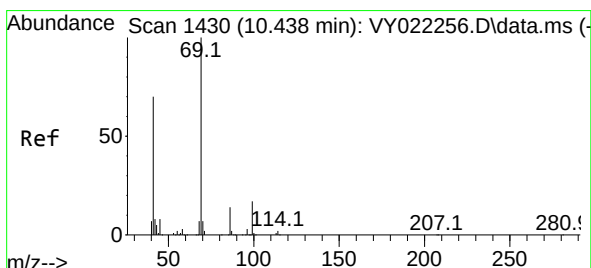
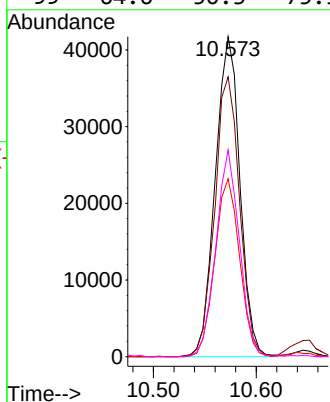
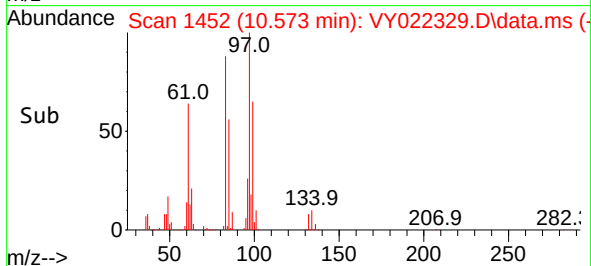
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



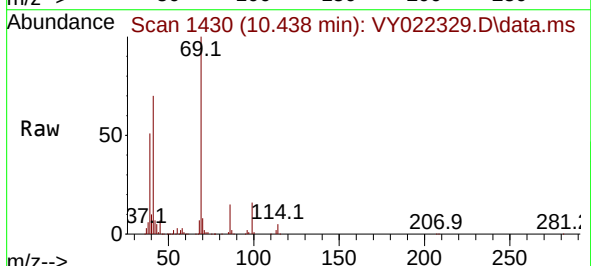
Tgt Ion: 97 Resp: 69620
Ion Ratio Lower Upper
97 100
83 87.5 70.3 105.5
85 55.6 46.2 69.4
99 64.6 50.3 75.5

Manual Integrations
APPROVED

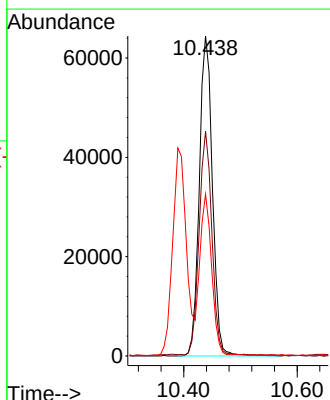
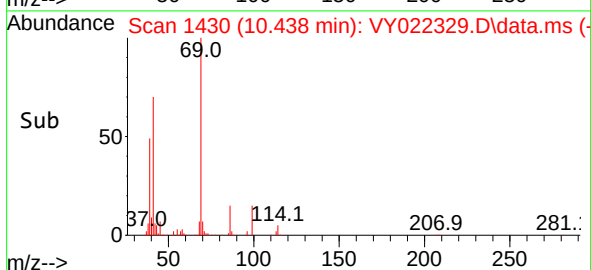
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

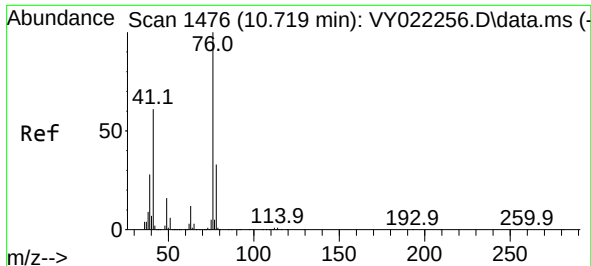


#56
Ethyl methacrylate
Concen: 45.862 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



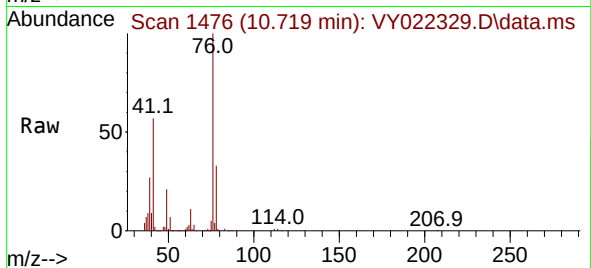
Tgt Ion: 69 Resp: 103441
Ion Ratio Lower Upper
69 100
41 68.0 56.5 84.7
39 44.0 37.1 55.7





#57
1,3-Dichloropropane
Concen: 48.388 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

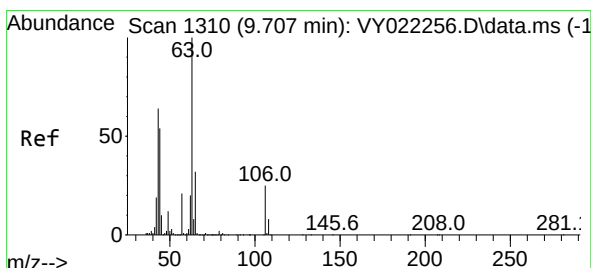
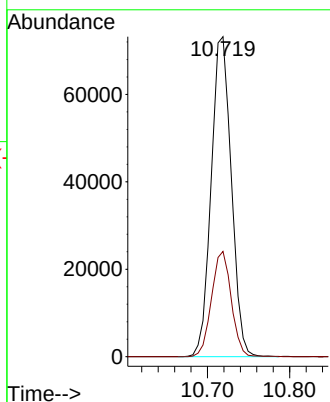
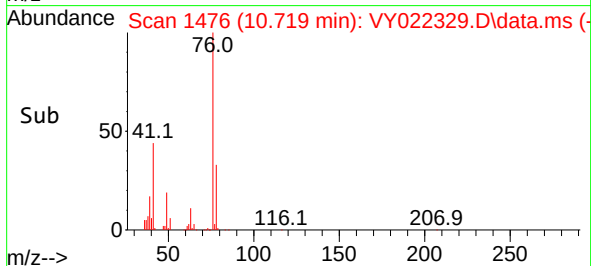
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



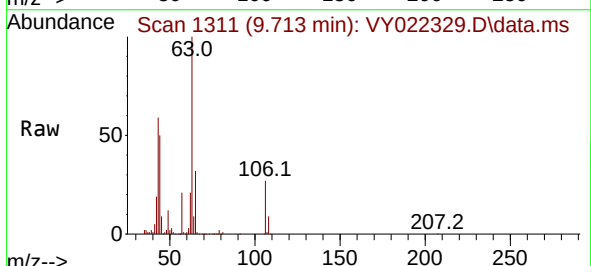
Tgt Ion: 76 Resp: 124485
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

Manual Integrations
APPROVED

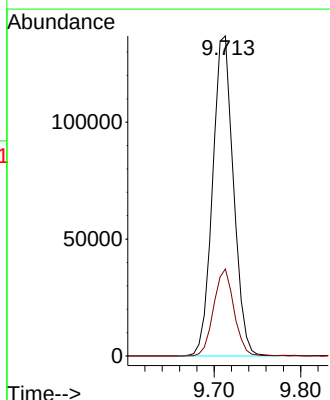
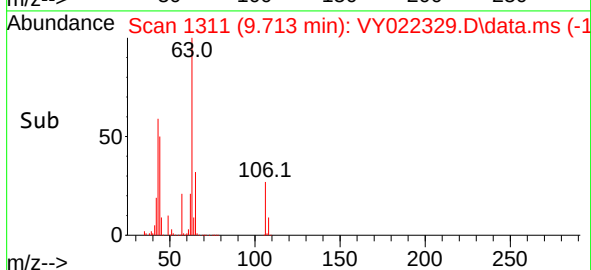
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

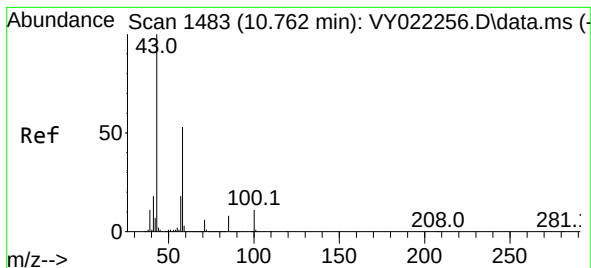


#58
2-Chloroethyl Vinyl ether
Concen: 226.074 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



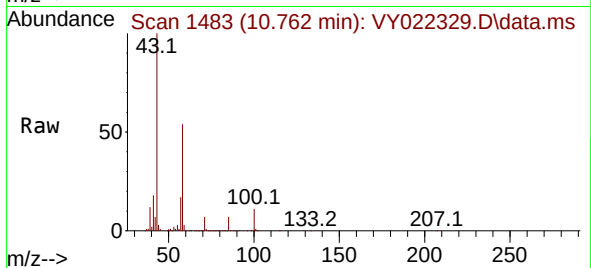
Tgt Ion: 63 Resp: 228868
Ion Ratio Lower Upper
63 100
106 26.5 21.0 31.4





#59
2-Hexanone
Concen: 214.015 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

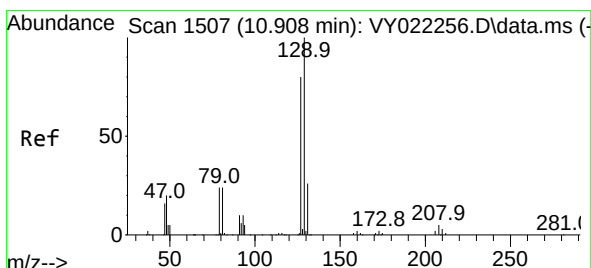
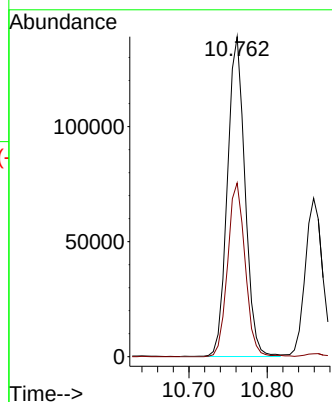
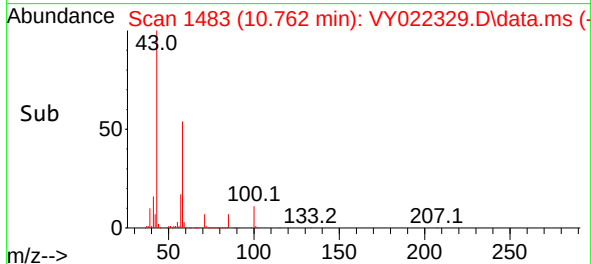
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



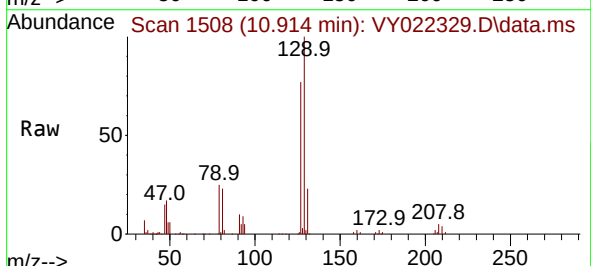
Tgt Ion: 43 Resp: 21671
Ion Ratio Lower Upper
43 100
58 54.2 26.1 78.3

Manual Integrations
APPROVED

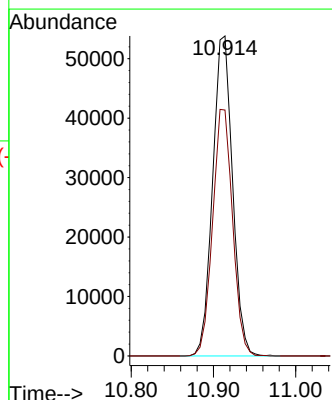
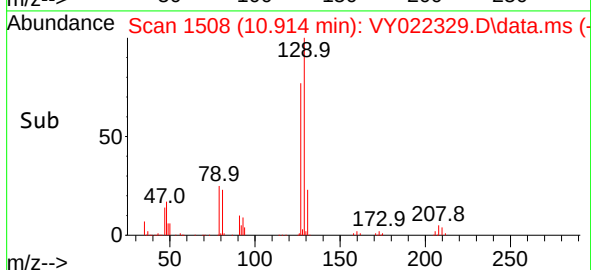
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

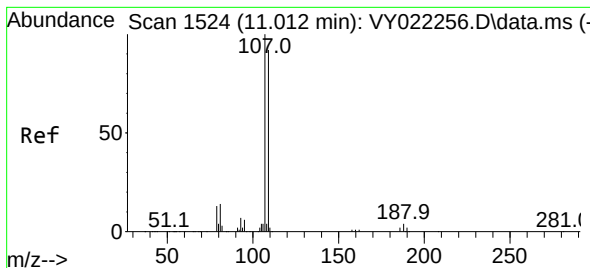


#60
Dibromochloromethane
Concen: 48.185 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



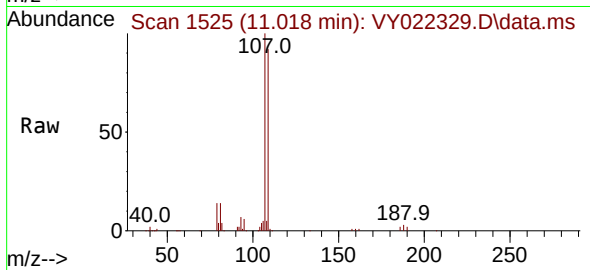
Tgt Ion:129 Resp: 90557
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 47.659 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

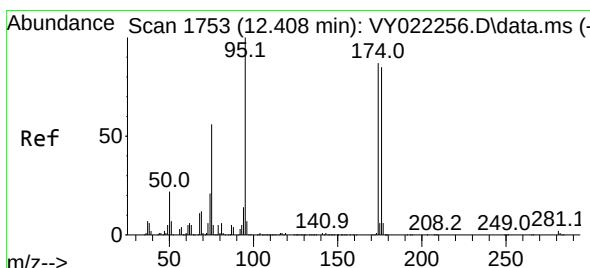
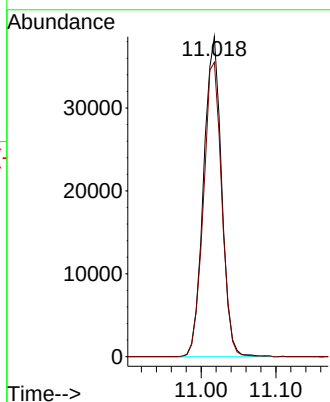
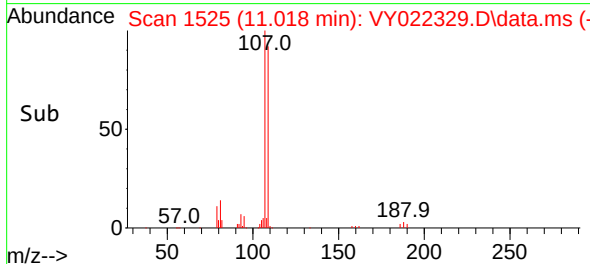
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



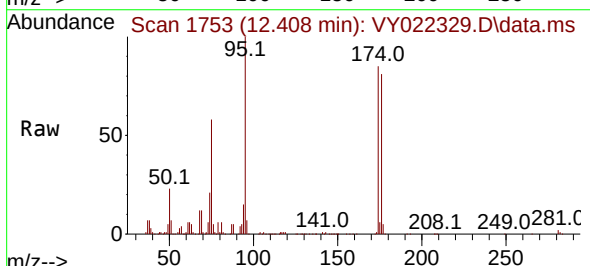
Tgt Ion:107 Resp: 6431
Ion Ratio Lower Upper
107 100
109 93.8 74.6 111.8

Manual Integrations
APPROVED

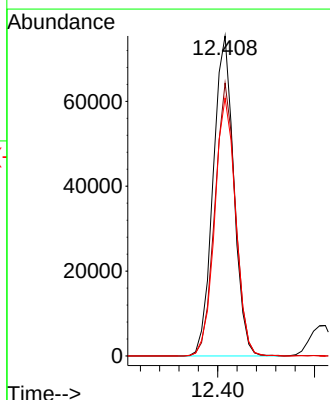
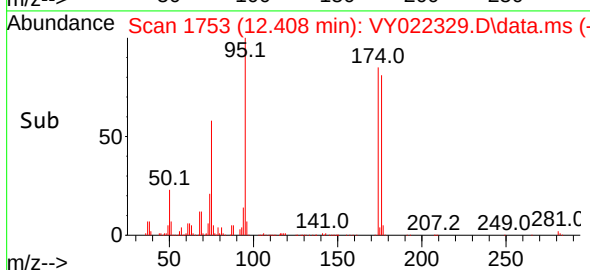
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

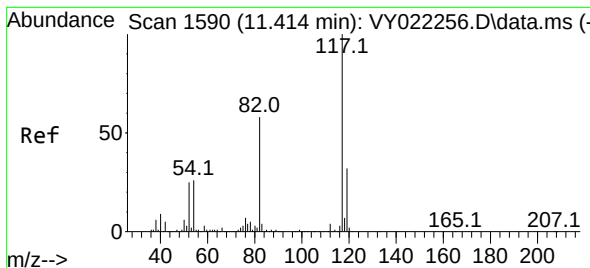


#62
4-Bromofluorobenzene
Concen: 48.365 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



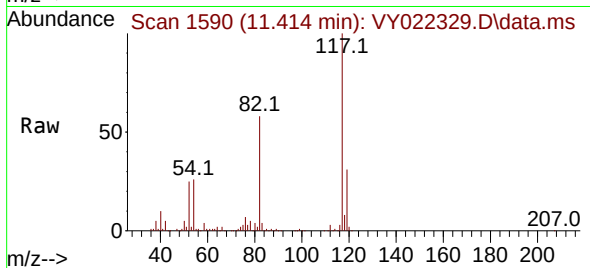
Tgt Ion: 95 Resp: 111811
Ion Ratio Lower Upper
95 100
174 84.7 0.0 166.8
176 81.8 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

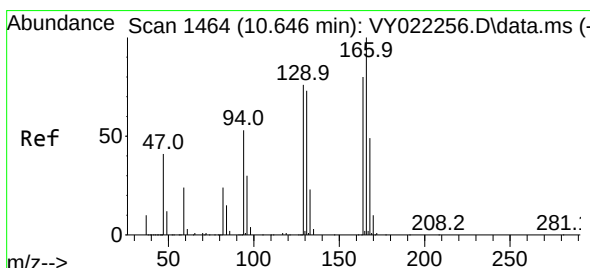
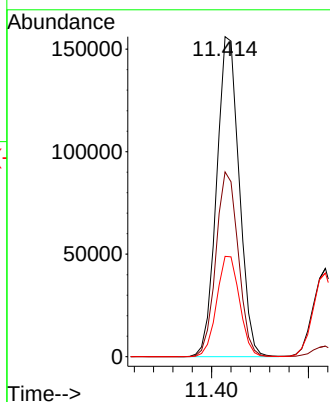
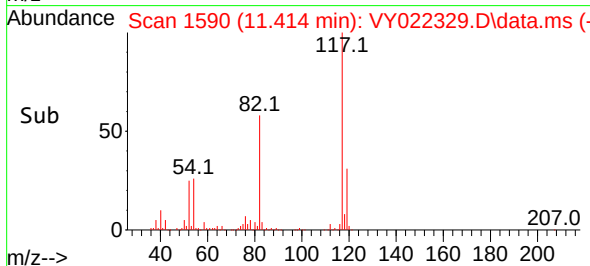
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



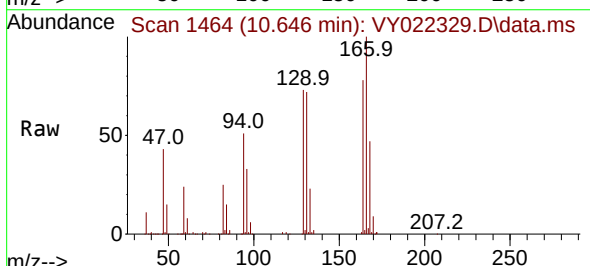
Tgt Ion:117 Resp: 25239
Ion Ratio Lower Upper
117 100
82 57.7 46.6 70.0
119 31.3 25.8 38.6

Manual Integrations
APPROVED

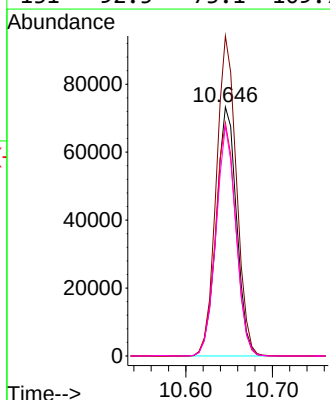
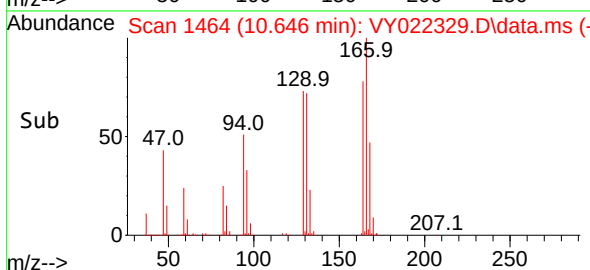
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

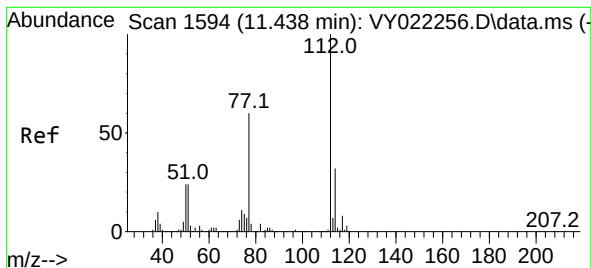


#64
Tetrachloroethene
Concen: 50.915 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



Tgt Ion:164 Resp: 118778
Ion Ratio Lower Upper
164 100
166 128.5 100.4 150.6
129 93.6 76.4 114.6
131 92.5 73.1 109.7





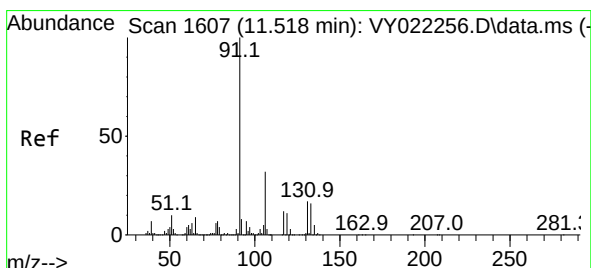
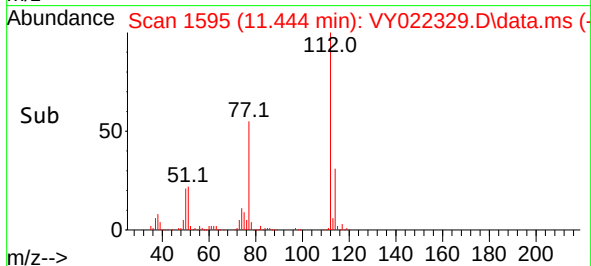
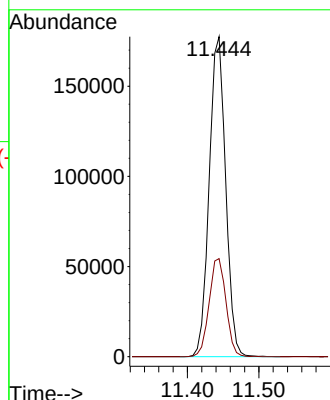
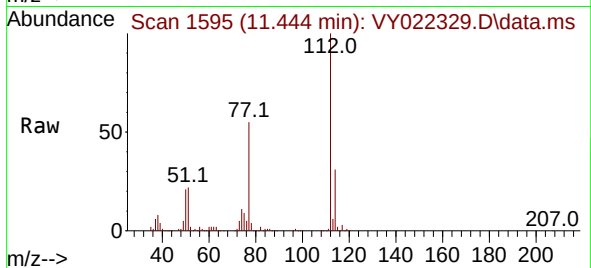
#65
Chlorobenzene
Concen: 49.729 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 283164
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6

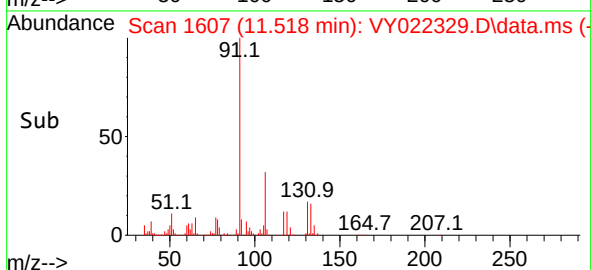
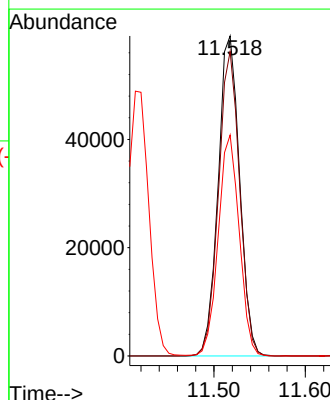
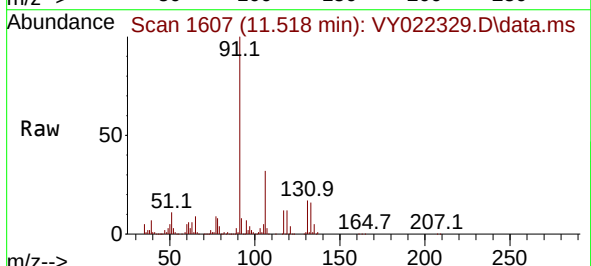
Manual Integrations
APPROVED

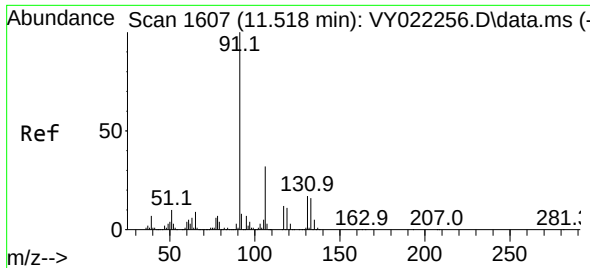
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.374 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

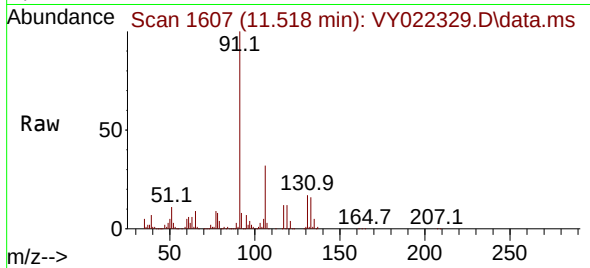
Tgt Ion:131 Resp: 96653
Ion Ratio Lower Upper
131 100
133 93.7 47.3 141.9
119 67.6 33.1 99.2





#67
Ethyl Benzene
Concen: 50.166 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

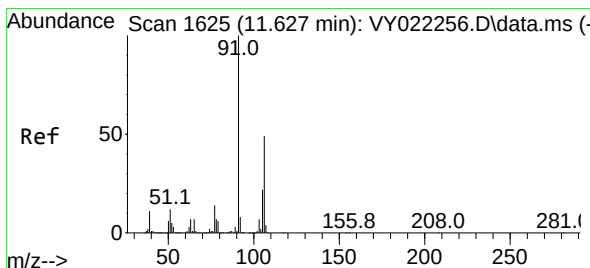
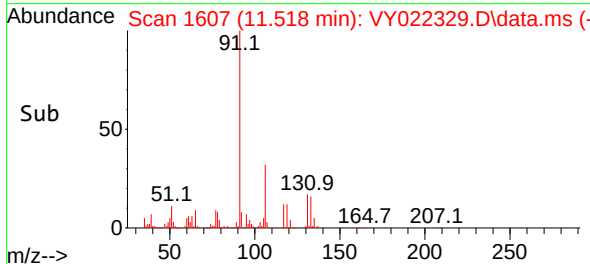
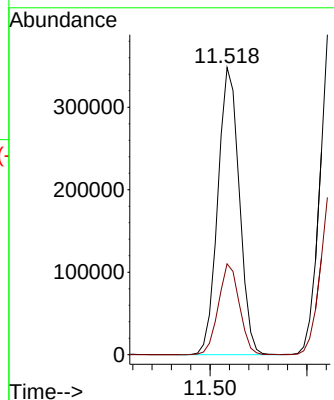
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 534980
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0

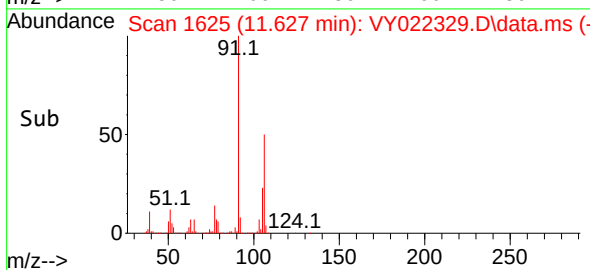
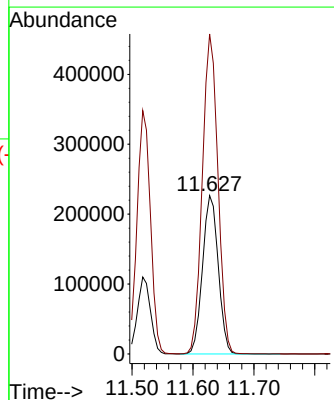
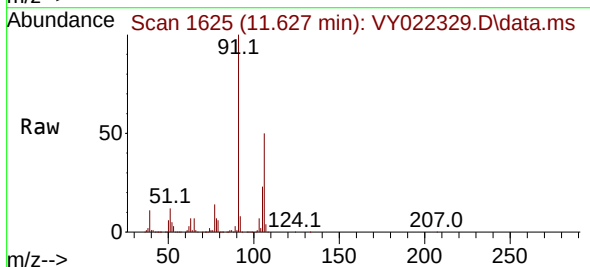
Manual Integrations
APPROVED

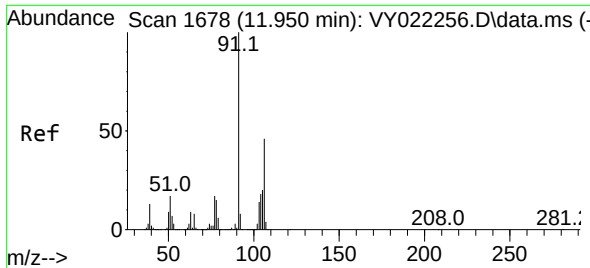
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#68
m/p-Xylenes
Concen: 100.899 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

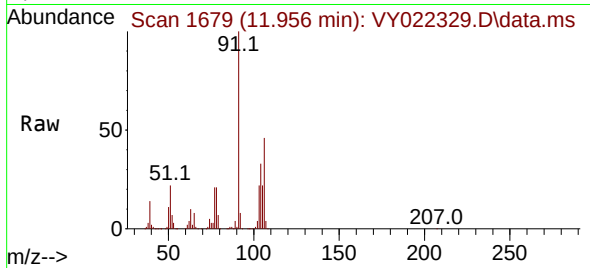
Tgt Ion:106 Resp: 405451
Ion Ratio Lower Upper
106 100
91 200.1 163.0 244.4





#69
o-Xylene
Concen: 48.989 ug/l
RT: 11.956 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

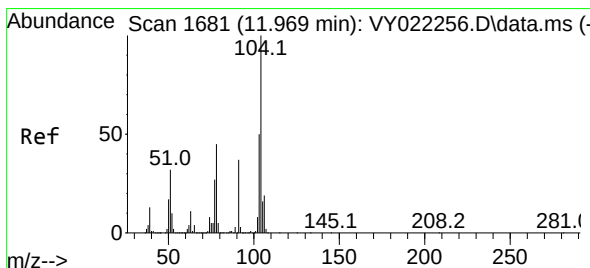
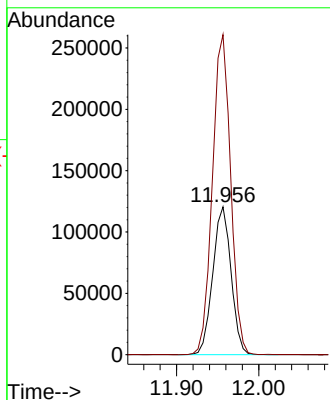
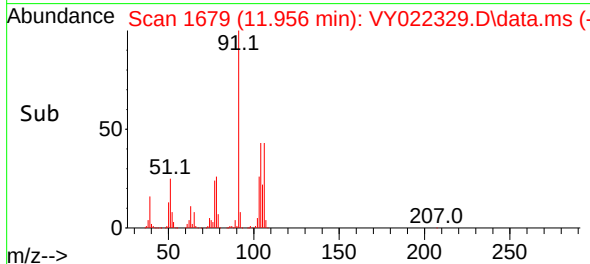
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



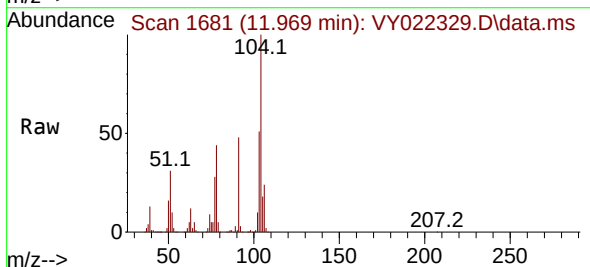
Tgt Ion:106 Resp: 18625
Ion Ratio Lower Upper
106 100
91 215.9 108.3 324.8

Manual Integrations
APPROVED

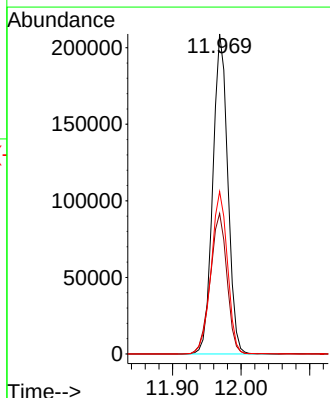
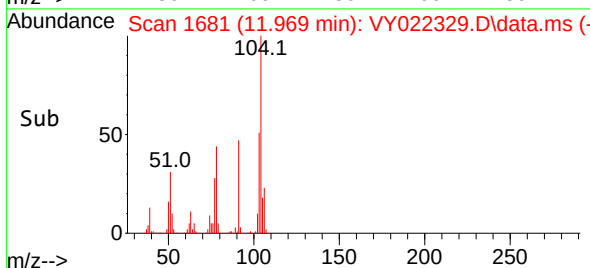
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

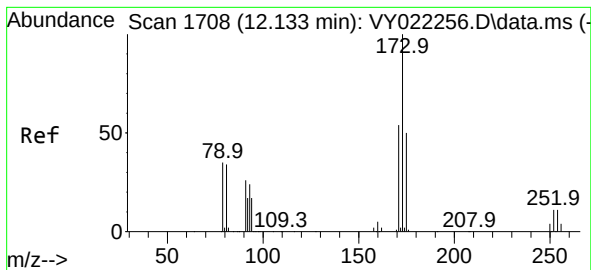


#70
Styrene
Concen: 49.374 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



Tgt Ion:104 Resp: 316649
Ion Ratio Lower Upper
104 100
78 49.0 40.9 61.3
103 55.4 43.7 65.5





#71

Bromoform

Concen: 45.610 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 48192

Ion Ratio Lower Upper

173 100

175 48.4 24.7 74.1

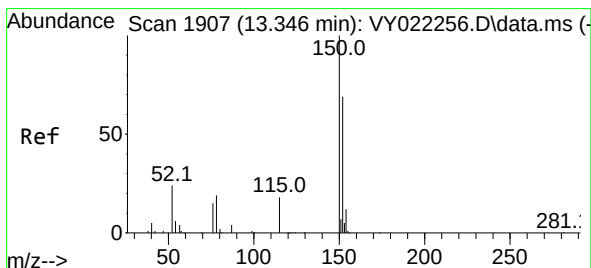
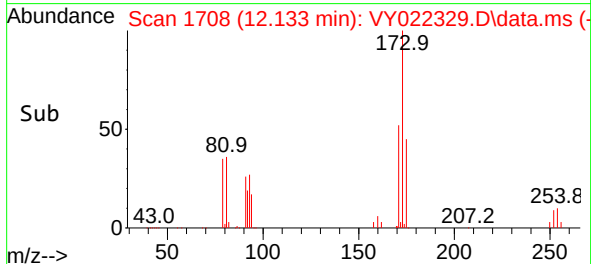
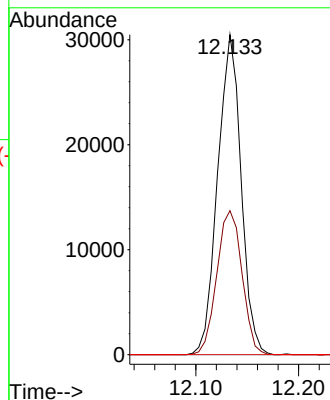
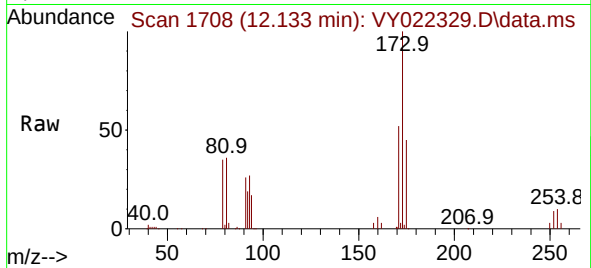
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

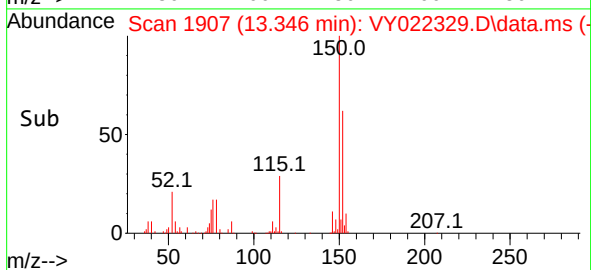
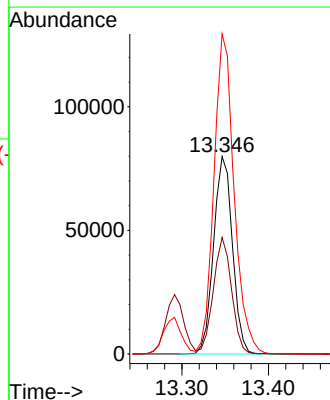
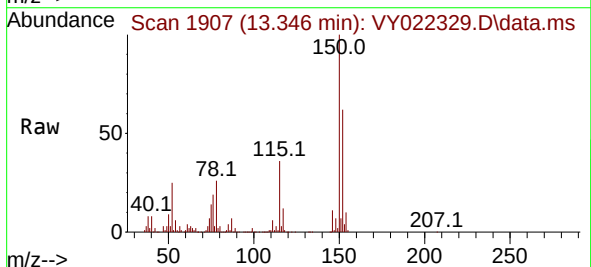
Tgt Ion:152 Resp: 120747

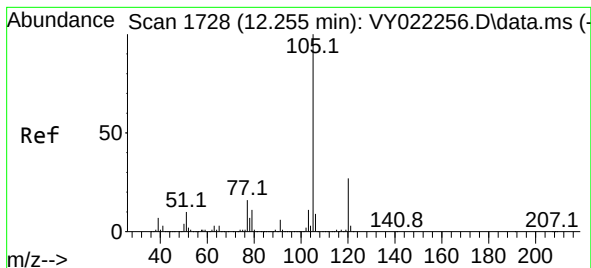
Ion Ratio Lower Upper

152 100

115 57.2 29.4 88.2

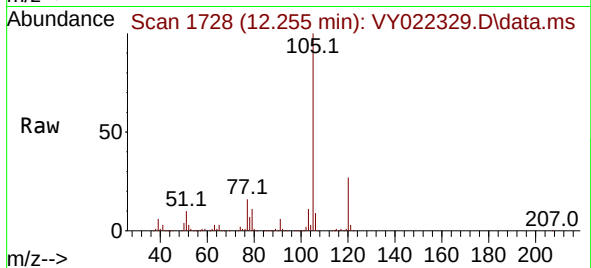
150 173.4 0.0 353.8





#73
Isopropylbenzene
Concen: 50.055 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

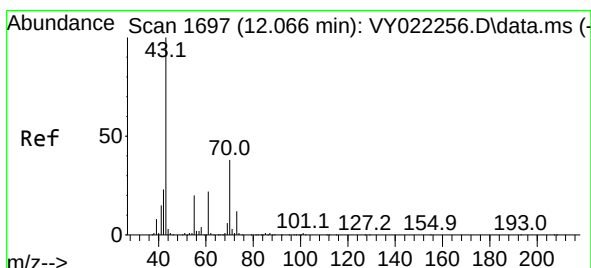
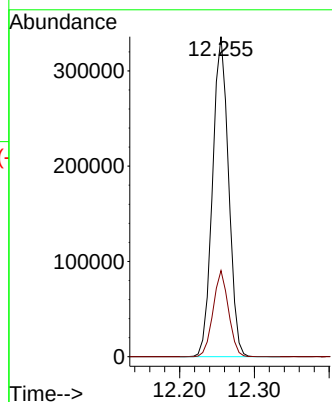
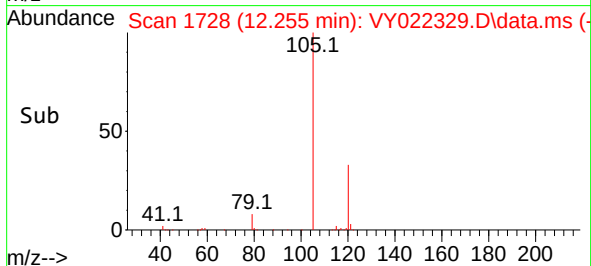
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



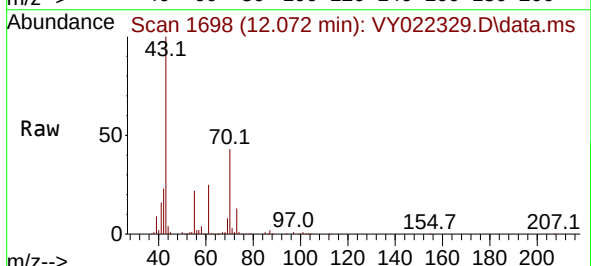
Tgt Ion:105 Resp: 500715
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6

Manual Integrations
APPROVED

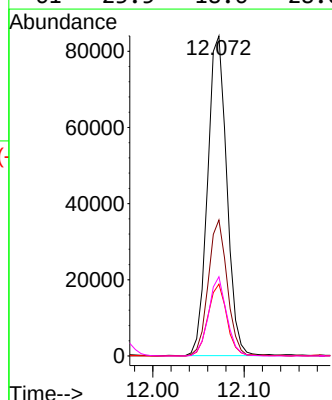
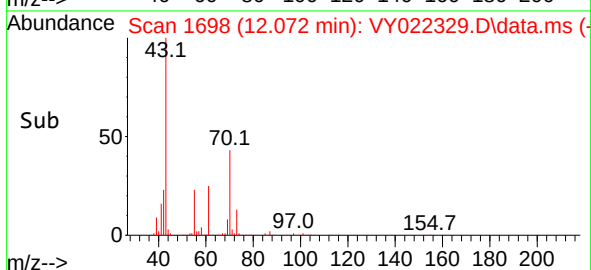
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

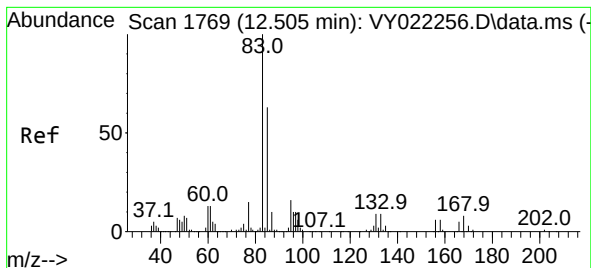


#74
N-ethyl acetate
Concen: 42.753 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



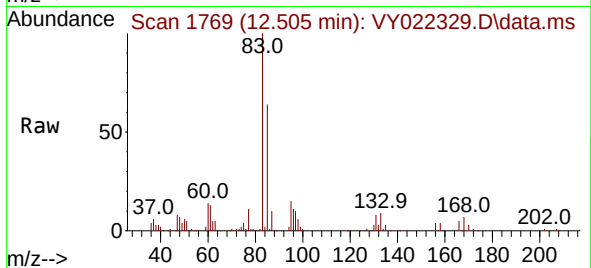
Tgt Ion: 43 Resp: 122315
Ion Ratio Lower Upper
43 100
70 42.1 31.4 47.0
55 22.3 17.0 25.6
61 23.5 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 46.716 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

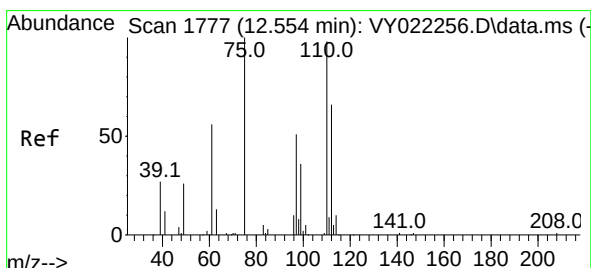
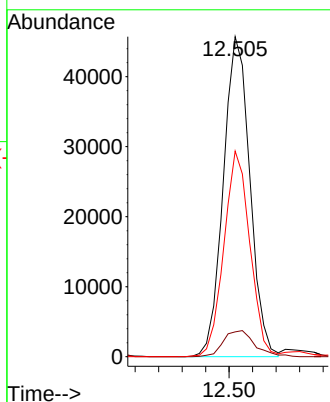
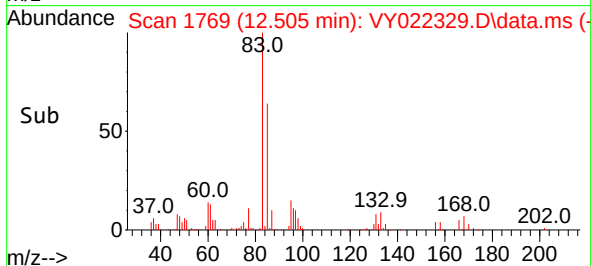
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



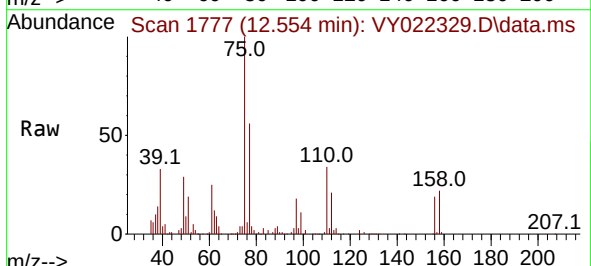
Tgt Ion: 83 Resp: 71869
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 62.7 32.0 96.0

Manual Integrations
APPROVED

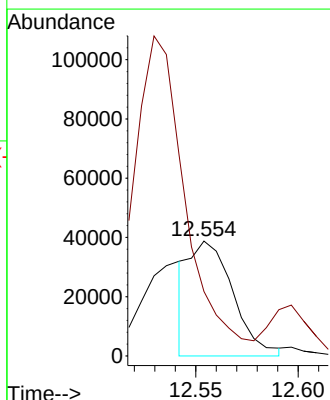
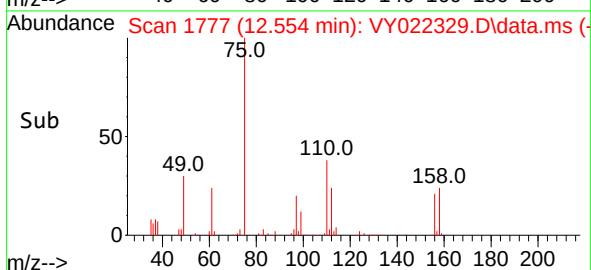
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

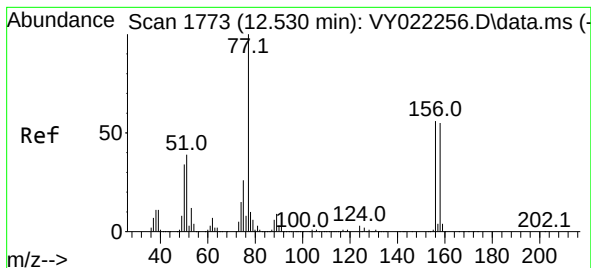


#76
1,2,3-Trichloropropane
Concen: 47.114 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



Tgt Ion: 75 Resp: 57634
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.696 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

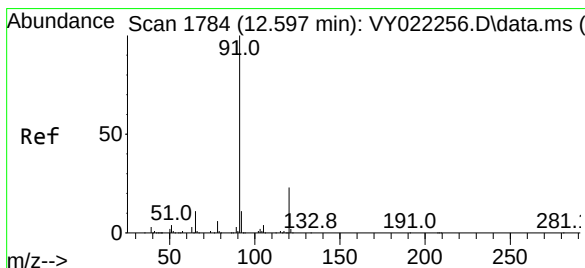
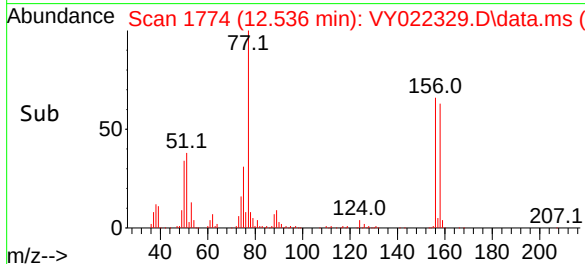
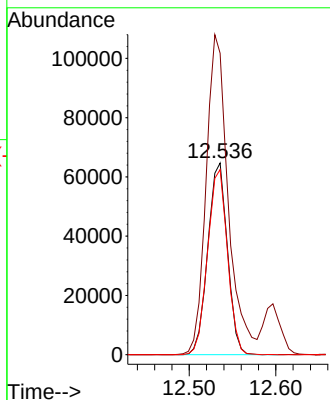
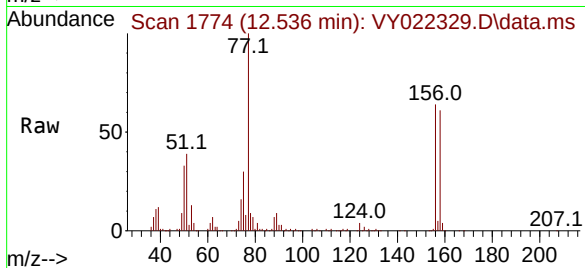
VSTDCCC050

Tgt Ion:	156	Resp:	10190
Ion Ratio	Lower	Upper	
156	100		
77	188.3	94.5	283.6
158	97.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#78

n-propylbenzene

Concen: 50.658 ug/l

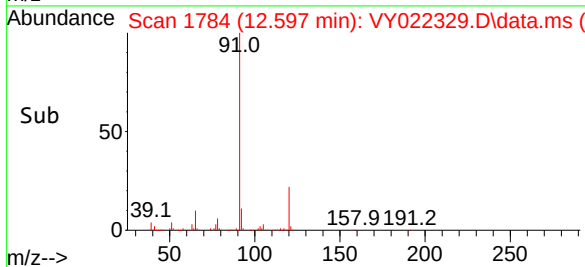
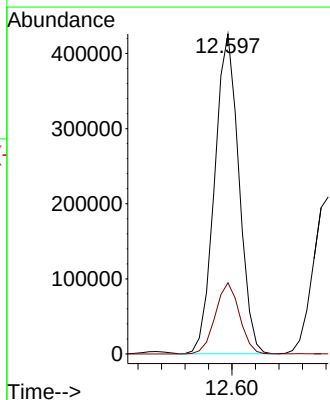
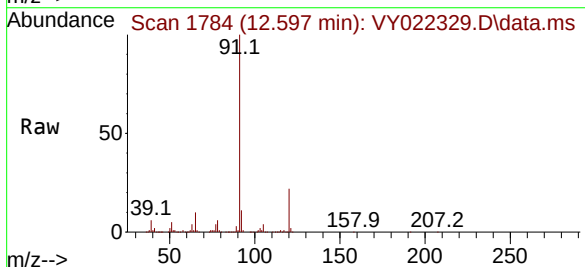
RT: 12.597 min Scan# 1784

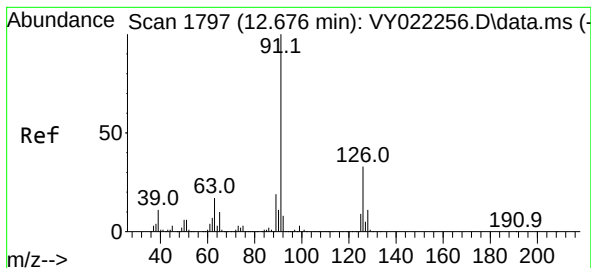
Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Tgt Ion:	91	Resp:	611228
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.1	33.3





#79

2-Chlorotoluene

Concen: 48.352 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 32060

Ion Ratio Lower Upper

91 100

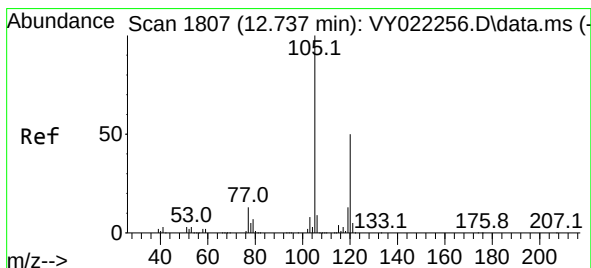
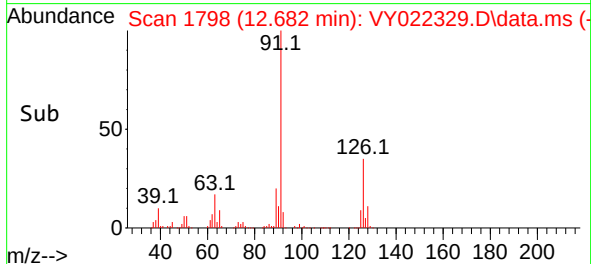
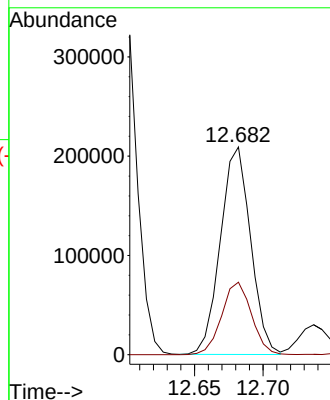
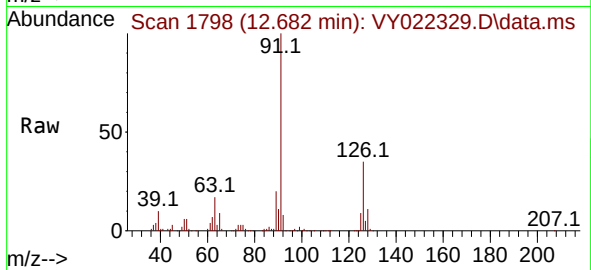
126 34.5 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#80

1,3,5-Trimethylbenzene

Concen: 49.303 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022329.D

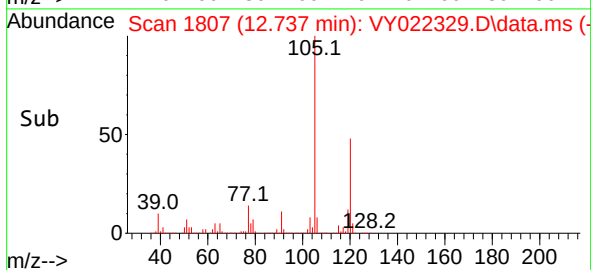
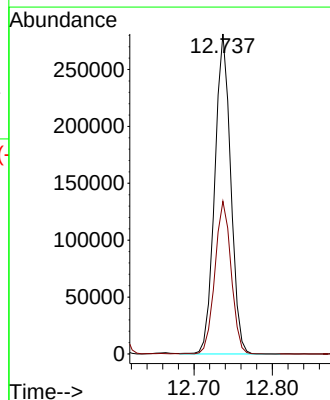
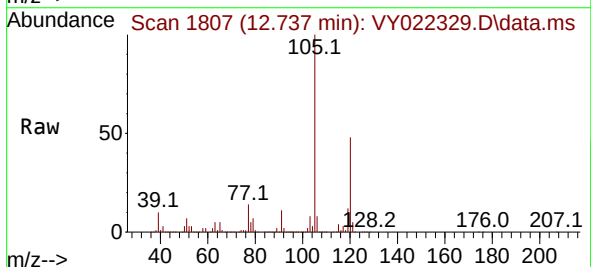
Acq: 20 May 2025 08:40

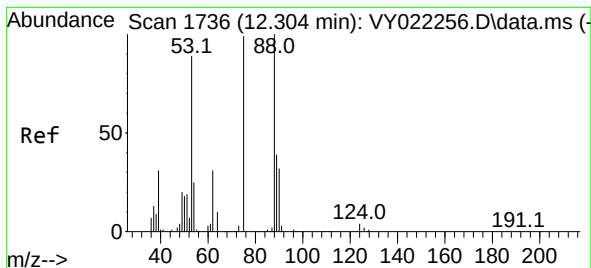
Tgt Ion:105 Resp: 398122

Ion Ratio Lower Upper

105 100

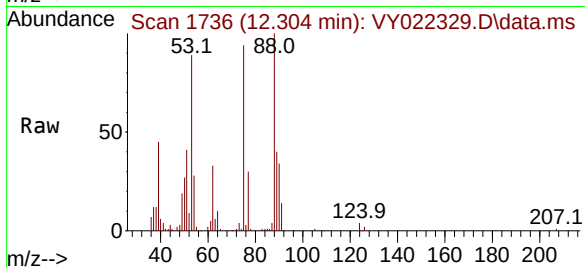
120 48.5 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.011 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

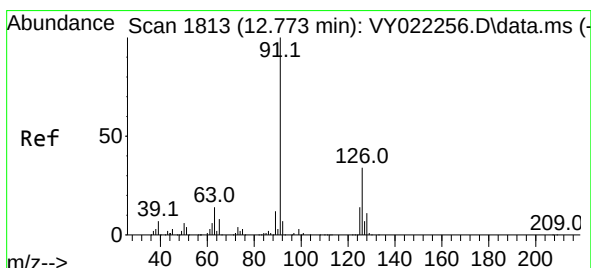
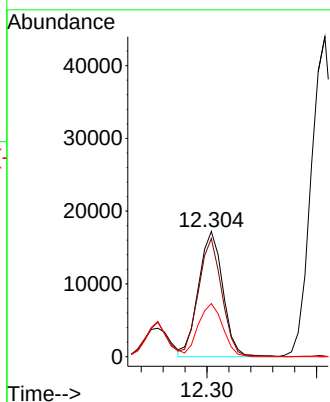
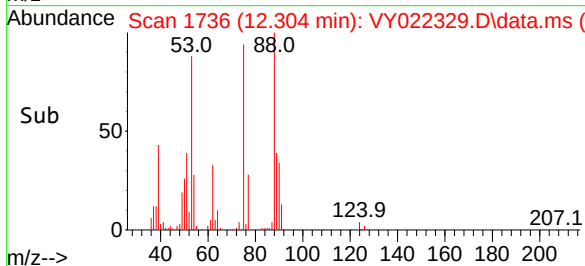
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2657
Ion Ratio Lower Upper
75 100
53 91.4 75.8 113.8
89 42.3 36.2 54.2

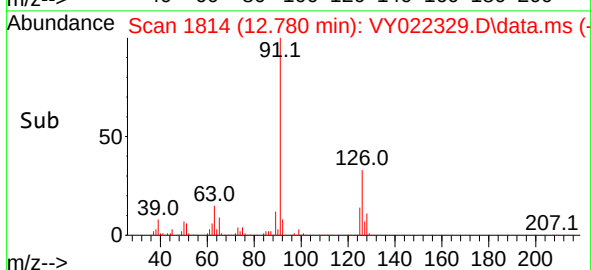
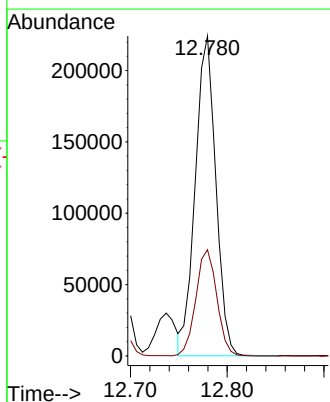
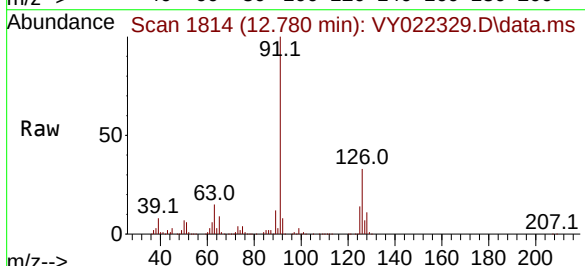
Manual Integrations
APPROVED

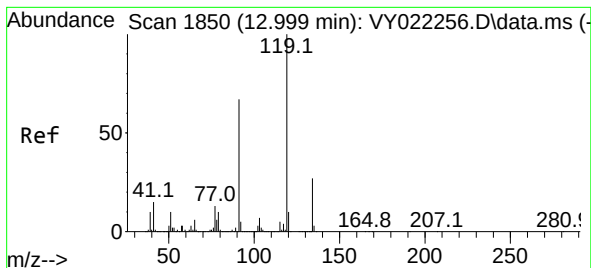
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#82
4-Chlorotoluene
Concen: 48.542 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

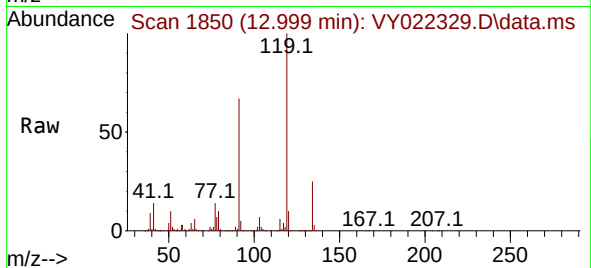
Tgt Ion: 91 Resp: 331061
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.4





#83
tert-Butylbenzene
Concen: 49.191 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

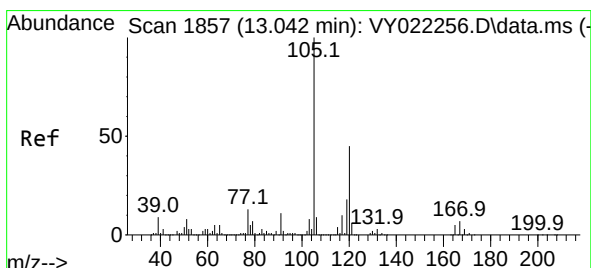
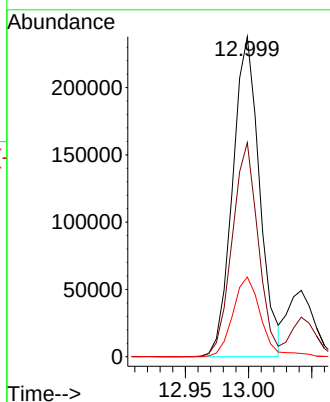
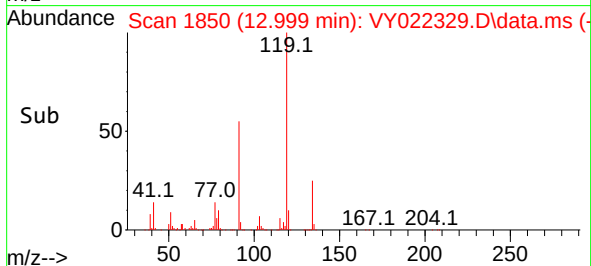
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



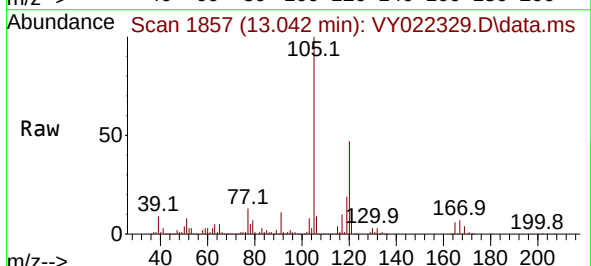
Tgt Ion:119 Resp: 35305
Ion Ratio Lower Upper
119 100
91 64.7 32.8 98.3
134 26.0 12.9 38.6

Manual Integrations
APPROVED

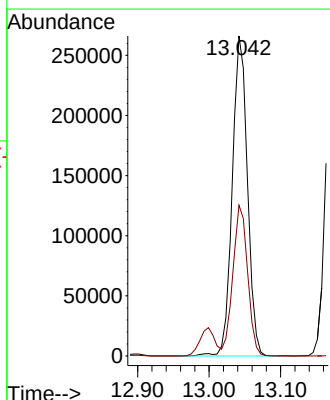
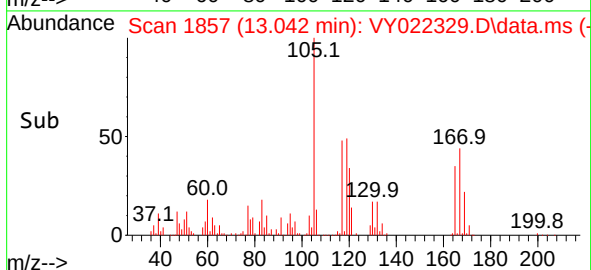
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

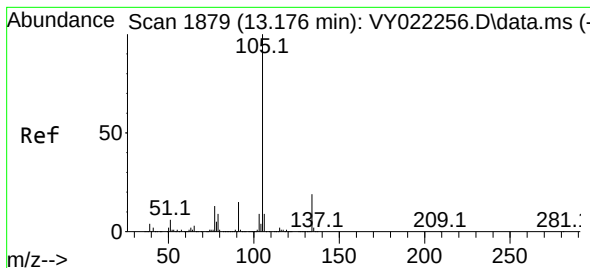


#84
1,2,4-Trimethylbenzene
Concen: 48.690 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



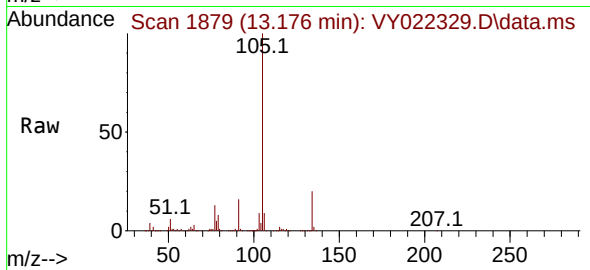
Tgt Ion:105 Resp: 390297
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 50.299 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022329.D
 Acq: 20 May 2025 08:40

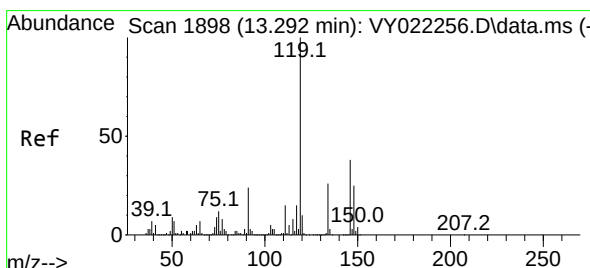
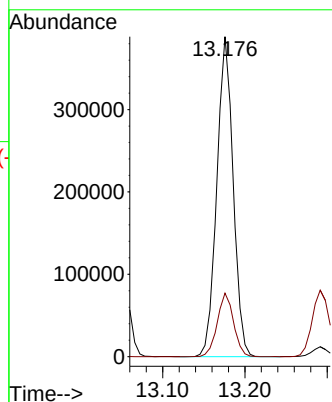
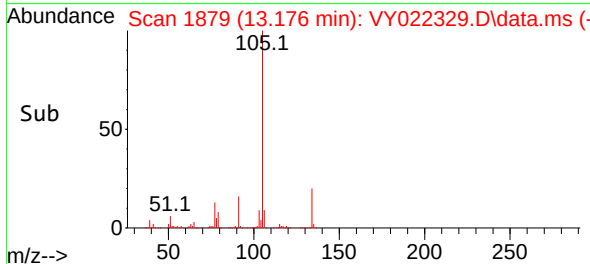
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



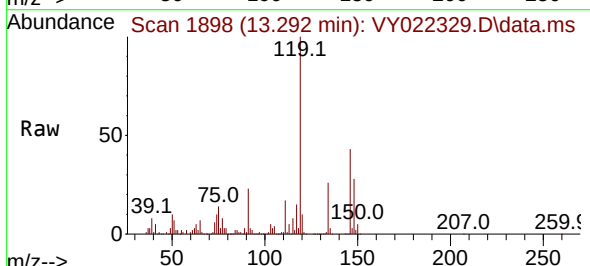
Tgt Ion:105 Resp: 535889
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

Manual Integrations
 APPROVED

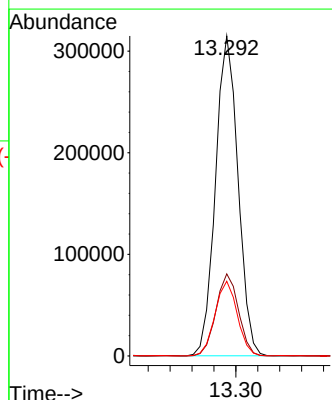
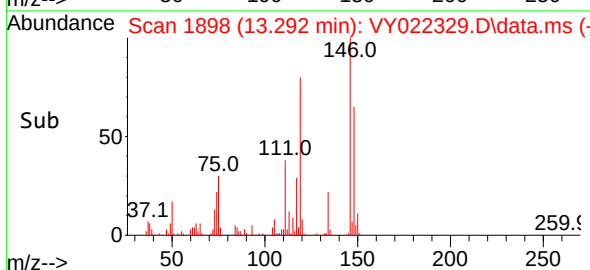
Reviewed By :Mahesh Dadoda 05/21/2025
 Supervised By :Semsettin Yesilyurt 05/21/2025

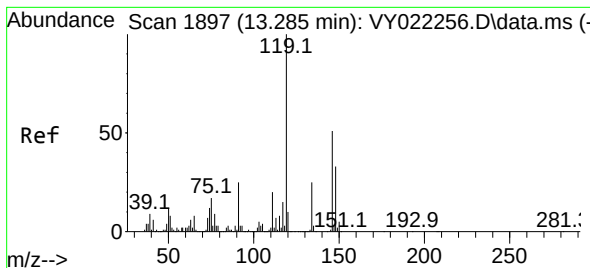


#86
 p-Isopropyltoluene
 Concen: 50.085 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022329.D
 Acq: 20 May 2025 08:40



Tgt Ion:119 Resp: 448789
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.536 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 211690

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

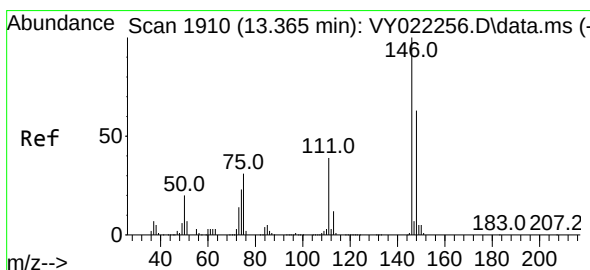
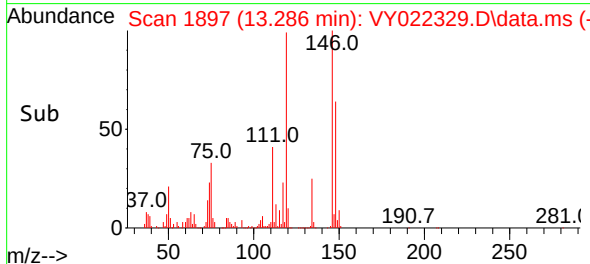
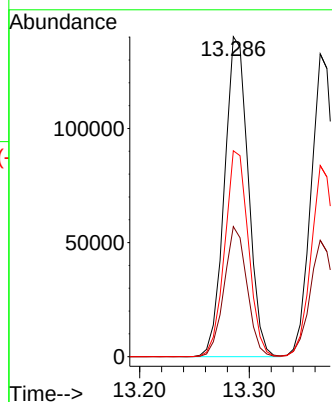
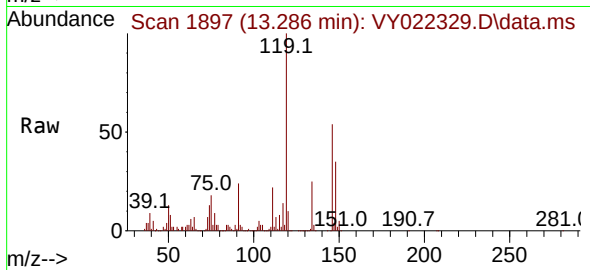
148 63.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#88

1,4-Dichlorobenzene

Concen: 47.869 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

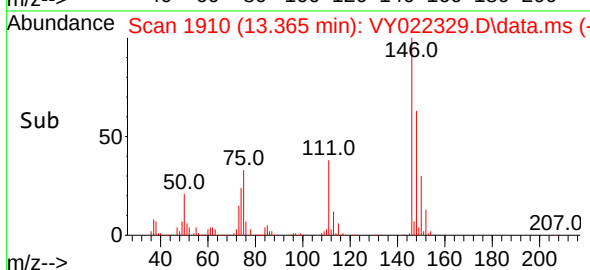
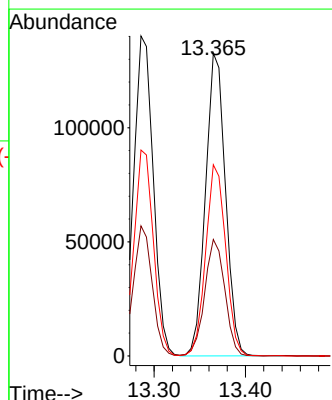
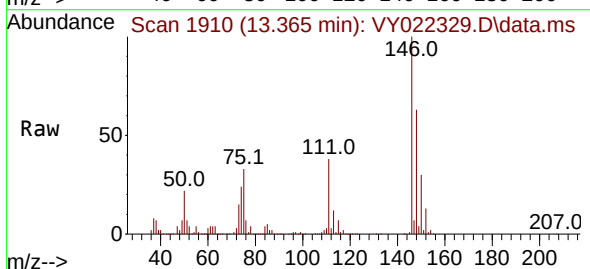
Tgt Ion:146 Resp: 200827

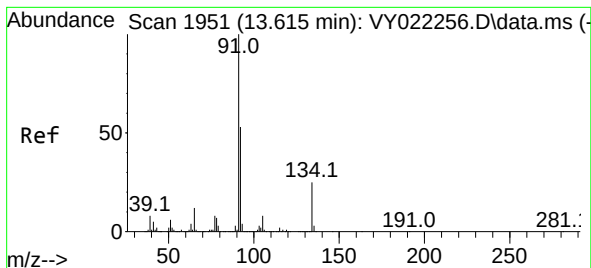
Ion Ratio Lower Upper

146 100

111 38.9 20.0 59.9

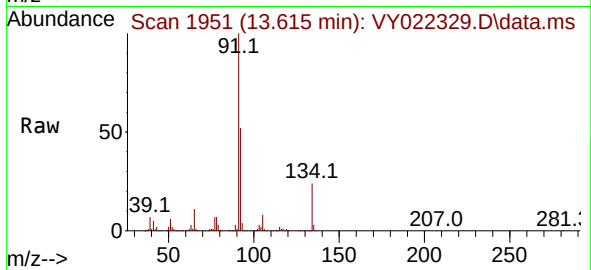
148 63.3 32.1 96.5





#89
n-Butylbenzene
Concen: 50.735 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

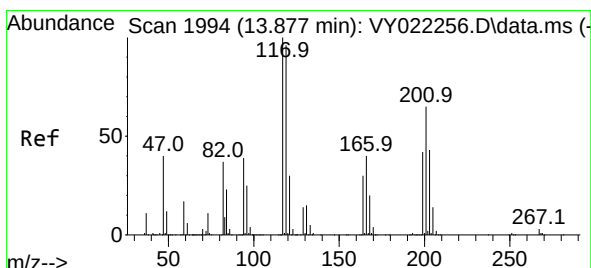
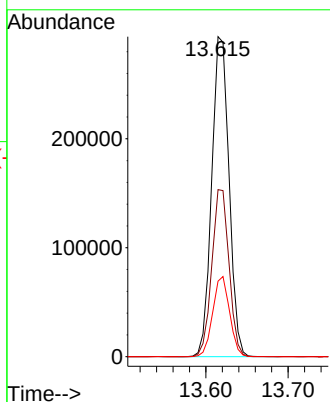
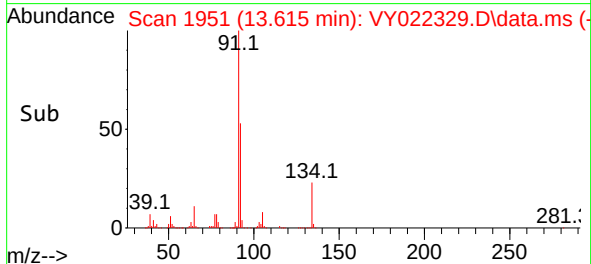
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 430080
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 24.5 12.4 37.4

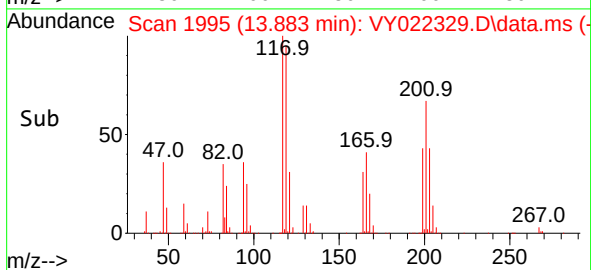
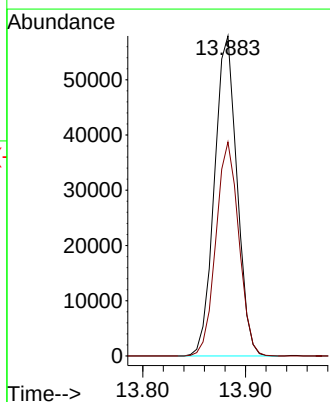
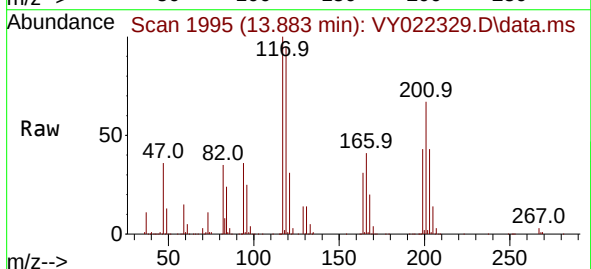
Manual Integrations
APPROVED

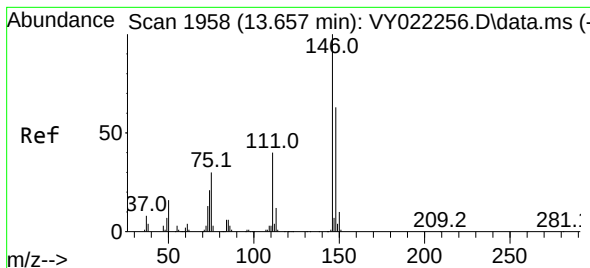
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025



#90
Hexachloroethane
Concen: 48.777 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

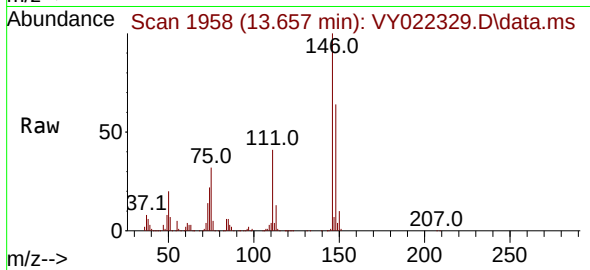
Tgt Ion:117 Resp: 88228
Ion Ratio Lower Upper
117 100
201 68.0 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 47.987 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

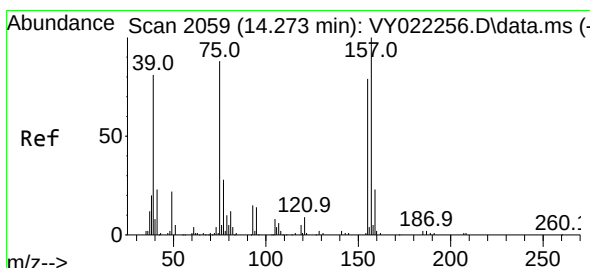
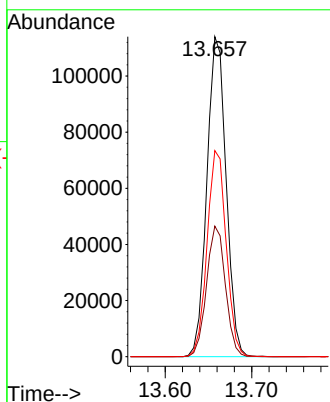
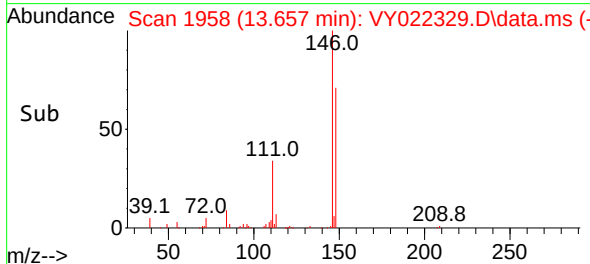
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



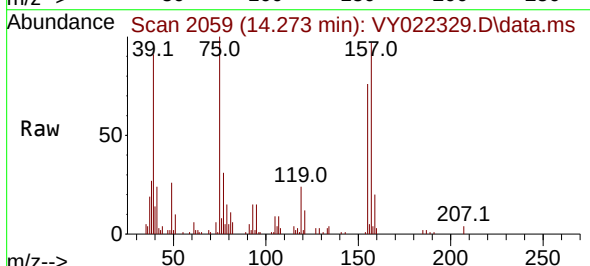
Tgt Ion:146 Resp: 17580
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.5
148 64.1 32.0 96.0

Manual Integrations
APPROVED

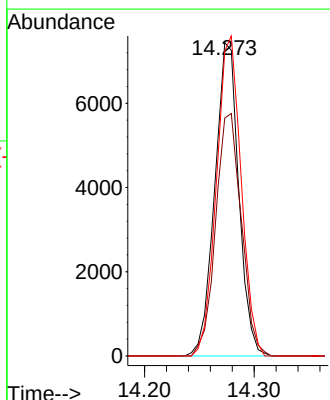
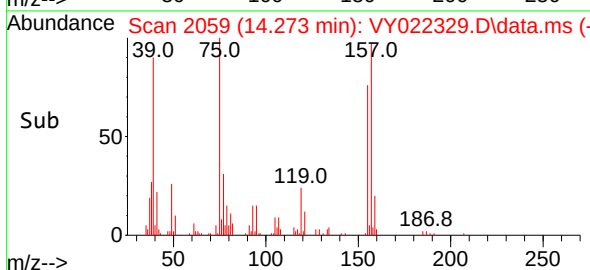
Reviewed By :Mahesh Dadoda 05/21/2025
Supervised By :Semsettin Yesilyurt 05/21/2025

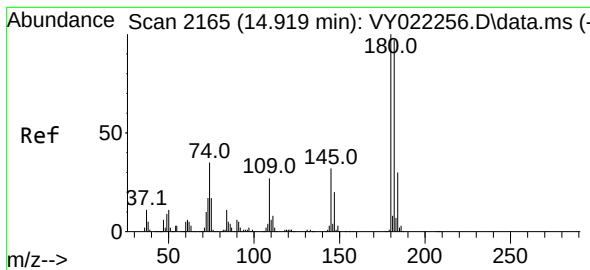


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.506 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40



Tgt Ion: 75 Resp: 11289
Ion Ratio Lower Upper
75 100
155 83.1 43.4 130.1
157 105.0 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 46.496 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022329.D

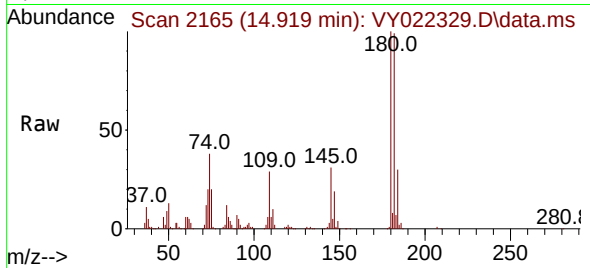
Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 9839

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.0

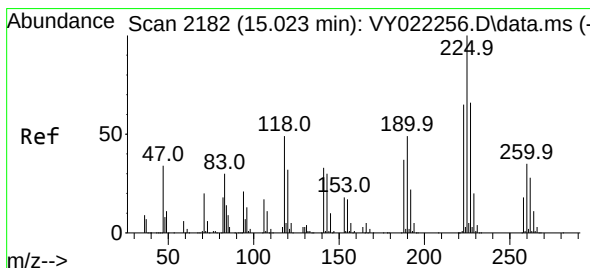
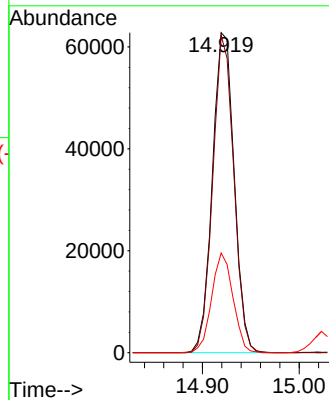
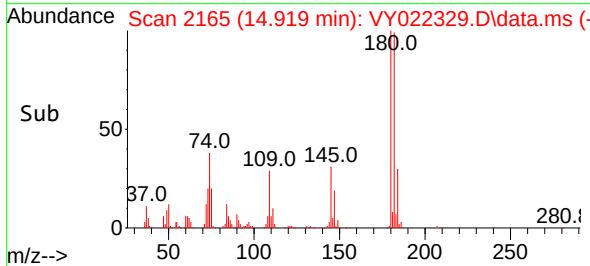
145 30.5 15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#94

Hexachlorobutadiene

Concen: 45.960 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

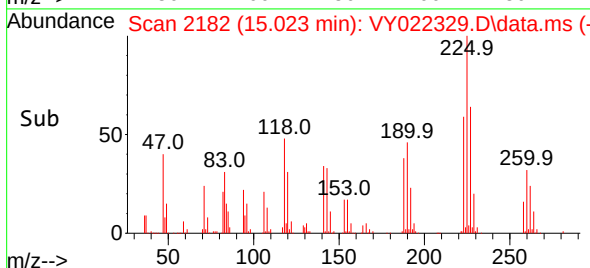
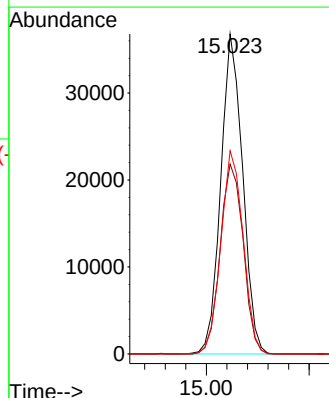
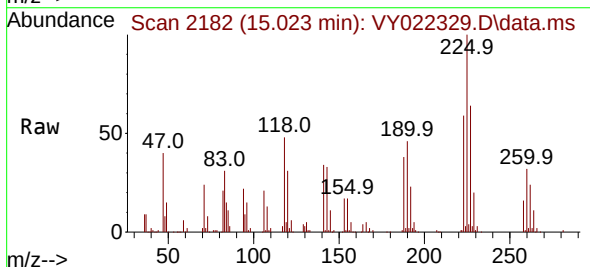
Tgt Ion:225 Resp: 54240

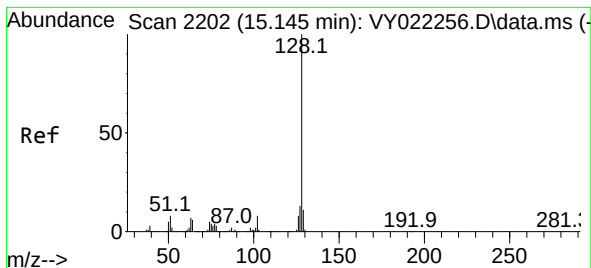
Ion Ratio Lower Upper

225 100

223 62.5 31.5 94.5

227 64.9 32.1 96.3





#95

Naphthalene

Concen: 44.695 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

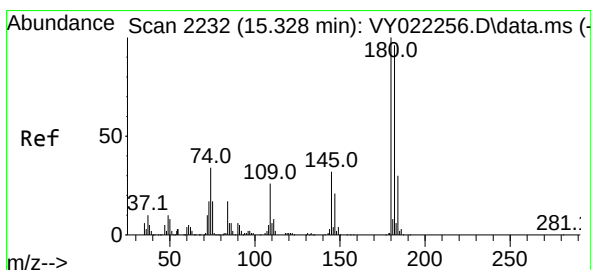
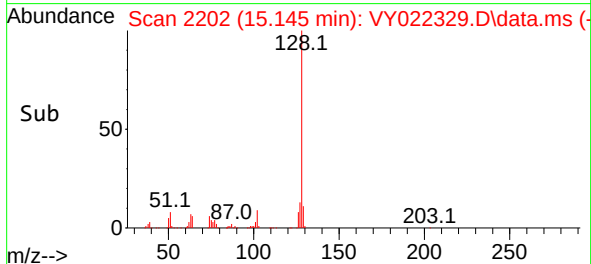
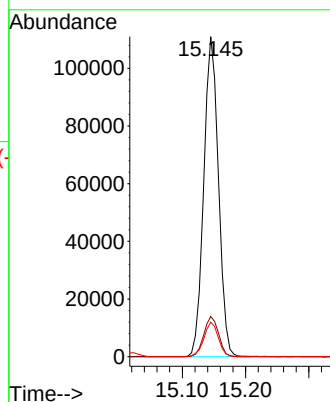
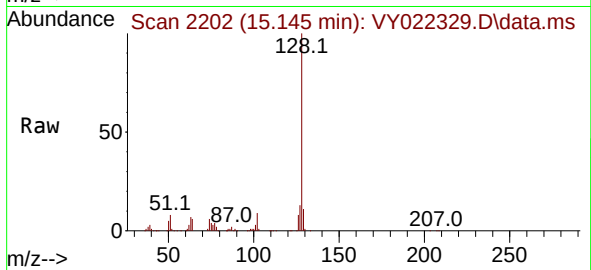
Tgt Ion:	128	Resp:	17948
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	10.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/21/2025

Supervised By :Semsettin Yesilyurt 05/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 45.719 ug/l

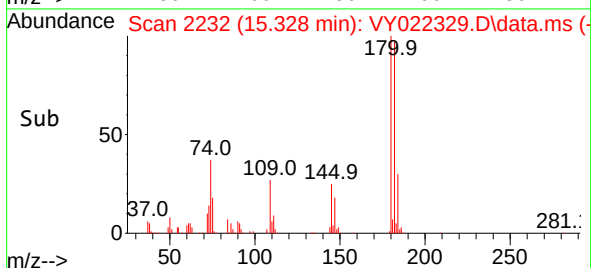
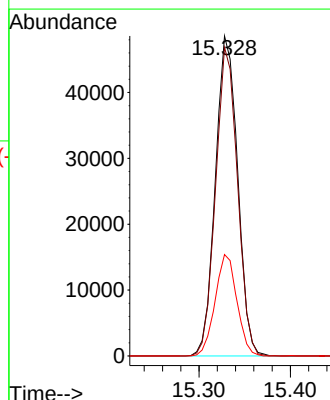
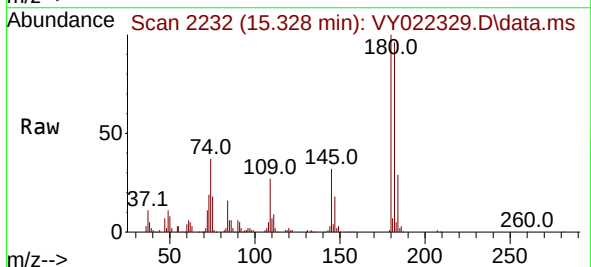
RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Tgt Ion:	180	Resp:	82076
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.1	141.3
145	31.1	15.9	47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022329.D
 Acq On : 20 May 2025 08:40
 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 21 01:42:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	67	0.00
2 T	Dichlorodifluoromethane	0.522	0.487	6.7	65	0.00
3 P	Chloromethane	1.097	1.094	0.3	71	0.00
4 C	Vinyl Chloride	1.226	1.524	-24.3#	85	0.00
5 T	Bromomethane	0.998	1.160	-16.2	89	0.00
6 T	Chloroethane	0.763	1.012	-32.6#	90	0.00
7 T	Trichlorofluoromethane	1.241	1.392	-12.2	77	0.00
8 T	Diethyl Ether	0.298	0.273	8.4	63	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.553	-2.6	69	0.00
10 T	Methyl Iodide	0.624	0.628	-0.6	62	0.00
11 T	Tert butyl alcohol	0.042	0.036	14.3	63	-0.01
12 CM	1,1-Dichloroethene	0.535	0.534	0.2#	67	0.00
13 T	Acrolein	0.061	0.030	50.8#	36#	0.00
14 T	Allyl chloride	0.938	0.844	10.0	59	0.00
15 T	Acrylonitrile	0.123	0.111	9.8	63	0.00
16 T	Acetone	0.102	0.091	10.8	66	0.00
17 T	Carbon Disulfide	1.744	1.711	1.9	66	0.00
18 T	Methyl Acetate	0.323	0.272	15.8	61	0.00
19 T	Methyl tert-butyl Ether	1.475	1.383	6.2	64	0.00
20 T	Methylene Chloride	0.662	0.582	12.1	66	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.583	1.2	66	0.00
22 T	Diisopropyl ether	1.980	1.819	8.1	62	0.00
23 T	Vinyl Acetate	1.196	1.048	12.4	60	0.00
24 P	1,1-Dichloroethane	1.106	1.085	1.9	66	0.00
25 T	2-Butanone	0.171	0.147	14.0	61	0.00
26 T	2,2-Dichloropropane	0.984	0.976	0.8	67	0.00
27 T	cis-1,2-Dichloroethene	0.681	0.683	-0.3	67	0.00
28 T	Bromochloromethane	0.472	0.470	0.4	67	0.00
29 T	Tetrahydrofuran	0.110	0.095	13.6	60	0.00
30 C	Chloroform	1.061	1.059	0.2#	66	0.00
31 T	Cyclohexane	1.105	1.035	6.3	66	0.00
32 T	1,1,1-Trichloroethane	0.974	0.966	0.8	67	0.00
33 S	1,2-Dichloroethane-d4	0.546	0.533	2.4	66	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	68	0.00
35 S	Dibromofluoromethane	0.298	0.305	-2.3	69	0.00
36 T	1,1-Dichloropropene	0.492	0.492	0.0	66	0.00
37 T	Ethyl Acetate	0.237	0.204	13.9	59	0.00
38 T	Carbon Tetrachloride	0.509	0.517	-1.6	68	0.00
39 T	Methylcyclohexane	0.660	0.662	-0.3	67	0.00
40 TM	Benzene	1.457	1.473	-1.1	67	0.00
41 T	Methacrylonitrile	0.157	0.142	9.6	61	0.00
42 TM	1,2-Dichloroethane	0.394	0.380	3.6	64	0.00
43 T	Isopropyl Acetate	0.516	0.444	14.0	59	0.00
44 TM	Trichloroethene	0.362	0.364	-0.6	67	0.00
45 C	1,2-Dichloropropane	0.351	0.346	1.4#	66	0.00
46 T	Dibromomethane	0.189	0.183	3.2	66	0.00
47 T	Bromodichloromethane	0.492	0.489	0.6	66	0.00
48 T	Methyl methacrylate	0.241	0.207	14.1	59	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022329.D
 Acq On : 20 May 2025 08:40
 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 21 01:42:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	67	0.00
50 S	Toluene-d8	1.222	1.259	-3.0	69	0.00
51 T	4-Methyl-2-Pentanone	0.253	0.220	13.0	59	0.00
52 CM	Toluene	0.923	0.912	1.2#	66	0.00
53 T	t-1,3-Dichloropropene	0.480	0.458	4.6	64	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.528	4.0	64	0.00
55 T	1,1,2-Trichloroethane	0.243	0.233	4.1	65	0.00
56 T	Ethyl methacrylate	0.378	0.347	8.2	62	0.00
57 T	1,3-Dichloropropane	0.431	0.417	3.2	65	0.00
58 T	2-Chloroethyl Vinyl ether	0.170	0.153	10.0	57	0.00
59 T	2-Hexanone	0.170	0.145	14.7	59	0.00
60 T	Dibromochloromethane	0.315	0.304	3.5	64	0.00
61 T	1,2-Dibromoethane	0.226	0.216	4.4	64	0.00
62 S	4-Bromofluorobenzene	0.387	0.375	3.1	66	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	67	0.00
64 T	Tetrachloroethene	0.462	0.471	-1.9	66	0.00
65 PM	Chlorobenzene	1.128	1.122	0.5	65	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.383	1.3	65	0.00
67 C	Ethyl Benzene	2.113	2.120	-0.3#	65	0.00
68 T	m/p-Xylenes	0.796	0.803	-0.9	66	0.00
69 T	o-Xylene	0.753	0.738	2.0	64	0.00
70 T	Styrene	1.270	1.255	1.2	64	0.00
71 P	Bromoform	0.209	0.191	8.6	61	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	67	0.00
73 T	Isopropylbenzene	4.142	4.147	-0.1	66	0.00
74 T	N-amyl acetate	1.185	1.013	14.5	58	0.00
75 P	1,1,2,2-Tetrachloroethane	0.637	0.595	6.6	63	0.00
76 T	1,2,3-Trichloropropane	0.507	0.477	5.9	64	0.00
77 T	Bromobenzene	0.885	0.844	4.6	63	0.00
78 T	n-propylbenzene	4.996	5.062	-1.3	66	0.00
79 T	2-Chlorotoluene	2.746	2.655	3.3	63	0.00
80 T	1,3,5-Trimethylbenzene	3.344	3.297	1.4	65	0.00
81 T	trans-1,4-Dichloro-2-butene	0.250	0.220	12.0	62	0.00
82 T	4-Chlorotoluene	2.824	2.742	2.9	63	0.00
83 T	tert-Butylbenzene	2.972	2.924	1.6	65	0.00
84 T	1,2,4-Trimethylbenzene	3.319	3.232	2.6	63	0.00
85 T	sec-Butylbenzene	4.412	4.438	-0.6	65	0.00
86 T	p-Isopropyltoluene	3.710	3.717	-0.2	65	0.00
87 T	1,3-Dichlorobenzene	1.806	1.753	2.9	64	0.00
88 T	1,4-Dichlorobenzene	1.737	1.663	4.3	64	0.00
89 T	n-Butylbenzene	3.510	3.562	-1.5	65	0.00
90 T	Hexachloroethane	0.749	0.731	2.4	64	0.00
91 T	1,2-Dichlorobenzene	1.517	1.456	4.0	64	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.093	9.7	63	0.00
93 T	1,2,4-Trichlorobenzene	0.876	0.815	7.0	61	0.00
94 T	Hexachlorobutadiene	0.489	0.449	8.2	60	0.00
95 T	Naphthalene	1.663	1.486	10.6	60	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022329.D
Acq On : 20 May 2025 08:40
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 21 01:42:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 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	0.743	0.680	8.5	60	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022329.D
 Acq On : 20 May 2025 08:40
 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 21 01:42:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	67	0.00
2 T	Dichlorodifluoromethane	50.000	46.679	6.6	65	0.00
3 P	Chloromethane	50.000	49.842	0.3	71	0.00
4 C	Vinyl Chloride	50.000	62.153	-24.3#	85	0.00
5 T	Bromomethane	50.000	58.088	-16.2	89	0.00
6 T	Chloroethane	50.000	66.345	-32.7#	90	0.00
7 T	Trichlorofluoromethane	50.000	56.065	-12.1	77	0.00
8 T	Diethyl Ether	50.000	45.847	8.3	63	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.283	-2.6	69	0.00
10 T	Methyl Iodide	50.000	50.311	-0.6	62	0.00
11 T	Tert butyl alcohol	250.000	215.761	13.7	63	-0.01
12 CM	1,1-Dichloroethene	50.000	49.916	0.2#	67	0.00
13 T	Acrolein	250.000	122.519	51.0#	36	0.00
14 T	Allyl chloride	50.000	45.013	10.0	59	0.00
15 T	Acrylonitrile	250.000	226.925	9.2	63	0.00
16 T	Acetone	250.000	223.009	10.8	66	0.00
17 T	Carbon Disulfide	50.000	49.060	1.9	66	0.00
18 T	Methyl Acetate	50.000	42.141	15.7	61	0.00
19 T	Methyl tert-butyl Ether	50.000	46.893	6.2	64	0.00
20 T	Methylene Chloride	50.000	43.941	12.1	66	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.353	1.3	66	0.00
22 T	Diisopropyl ether	50.000	45.916	8.2	62	0.00
23 T	Vinyl Acetate	250.000	219.054	12.4	60	0.00
24 P	1,1-Dichloroethane	50.000	49.046	1.9	66	0.00
25 T	2-Butanone	250.000	214.116	14.4	61	0.00
26 T	2,2-Dichloropropane	50.000	49.606	0.8	67	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.159	-0.3	67	0.00
28 T	Bromochloromethane	50.000	49.834	0.3	67	0.00
29 T	Tetrahydrofuran	250.000	215.541	13.8	60	0.00
30 C	Chloroform	50.000	49.916	0.2#	66	0.00
31 T	Cyclohexane	50.000	46.827	6.3	66	0.00
32 T	1,1,1-Trichloroethane	50.000	49.587	0.8	67	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.805	2.4	66	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35 S	Dibromofluoromethane	50.000	51.076	-2.2	69	0.00
36 T	1,1-Dichloropropene	50.000	50.028	-0.1	66	0.00
37 T	Ethyl Acetate	50.000	43.038	13.9	59	0.00
38 T	Carbon Tetrachloride	50.000	50.762	-1.5	68	0.00
39 T	Methylcyclohexane	50.000	50.127	-0.3	67	0.00
40 TM	Benzene	50.000	50.555	-1.1	67	0.00
41 T	Methacrylonitrile	50.000	45.192	9.6	61	0.00
42 TM	1,2-Dichloroethane	50.000	48.255	3.5	64	0.00
43 T	Isopropyl Acetate	50.000	43.001	14.0	59	0.00
44 TM	Trichloroethene	50.000	50.212	-0.4	67	0.00
45 C	1,2-Dichloropropane	50.000	49.181	1.6#	66	0.00
46 T	Dibromomethane	50.000	48.227	3.5	66	0.00
47 T	Bromodichloromethane	50.000	49.724	0.6	66	0.00
48 T	Methyl methacrylate	50.000	42.873	14.3	59	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022329.D
 Acq On : 20 May 2025 08:40
 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 21 01:42:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	945.674	5.4	67	0.00
50 S	Toluene-d8	50.000	51.484	-3.0	69	0.00
51 T	4-Methyl-2-Pentanone	250.000	217.386	13.0	59	0.00
52 CM	Toluene	50.000	49.403	1.2#	66	0.00
53 T	t-1,3-Dichloropropene	50.000	47.744	4.5	64	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.006	4.0	64	0.00
55 T	1,1,2-Trichloroethane	50.000	48.082	3.8	65	0.00
56 T	Ethyl methacrylate	50.000	45.862	8.3	62	0.00
57 T	1,3-Dichloropropane	50.000	48.388	3.2	65	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.074	9.6	57	0.00
59 T	2-Hexanone	250.000	214.015	14.4	59	0.00
60 T	Dibromochloromethane	50.000	48.185	3.6	64	0.00
61 T	1,2-Dibromoethane	50.000	47.659	4.7	64	0.00
62 S	4-Bromofluorobenzene	50.000	48.365	3.3	66	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	67	0.00
64 T	Tetrachloroethene	50.000	50.915	-1.8	66	0.00
65 PM	Chlorobenzene	50.000	49.729	0.5	65	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.374	1.3	65	0.00
67 C	Ethyl Benzene	50.000	50.166	-0.3#	65	0.00
68 T	m/p-Xylenes	100.000	100.899	-0.9	66	0.00
69 T	o-Xylene	50.000	48.989	2.0	64	0.00
70 T	Styrene	50.000	49.374	1.3	64	0.00
71 P	Bromoform	50.000	45.610	8.8	61	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	67	0.00
73 T	Isopropylbenzene	50.000	50.055	-0.1	66	0.00
74 T	N-amyl acetate	50.000	42.753	14.5	58	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.716	6.6	63	0.00
76 T	1,2,3-Trichloropropane	50.000	47.114	5.8	64	0.00
77 T	Bromobenzene	50.000	47.696	4.6	63	0.00
78 T	n-propylbenzene	50.000	50.658	-1.3	66	0.00
79 T	2-Chlorotoluene	50.000	48.352	3.3	63	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.303	1.4	65	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.011	12.0	62	0.00
82 T	4-Chlorotoluene	50.000	48.542	2.9	63	0.00
83 T	tert-Butylbenzene	50.000	49.191	1.6	65	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.690	2.6	63	0.00
85 T	sec-Butylbenzene	50.000	50.299	-0.6	65	0.00
86 T	p-Isopropyltoluene	50.000	50.085	-0.2	65	0.00
87 T	1,3-Dichlorobenzene	50.000	48.536	2.9	64	0.00
88 T	1,4-Dichlorobenzene	50.000	47.869	4.3	64	0.00
89 T	n-Butylbenzene	50.000	50.735	-1.5	65	0.00
90 T	Hexachloroethane	50.000	48.777	2.4	64	0.00
91 T	1,2-Dichlorobenzene	50.000	47.987	4.0	64	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.506	9.0	63	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.496	7.0	61	0.00
94 T	Hexachlorobutadiene	50.000	45.960	8.1	60	0.00
95 T	Naphthalene	50.000	44.695	10.6	60	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022329.D
Acq On : 20 May 2025 08:40
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 21 01:42:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 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	45.719	8.6	60	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.: Q2075 SAS No.: Q2075 SDG No.: Q2075

Instrument ID: MSVOA_Y Calibration Date/Time: 05/22/2025 08:35

Lab File ID: VY022380.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.457	1.548		6.25	20
Toluene	0.923	0.978		5.96	20
Ethyl Benzene	2.113	2.234		5.73	20
m/p-Xylenes	0.796	0.849		6.66	20
o-Xylene	0.753	0.791		5.05	20
Isopropylbenzene	4.142	4.432		7	20
n-propylbenzene	4.996	5.385		7.79	20
1,3,5-Trimethylbenzene	3.344	3.533		5.65	20
tert-Butylbenzene	2.972	3.200		7.67	20
1,2,4-Trimethylbenzene	3.319	3.526		6.24	20
sec-Butylbenzene	4.412	4.835		9.59	20
p-Isopropyltoluene	3.710	4.077		9.89	20
n-Butylbenzene	3.510	3.887		10.74	20
1,2-Dichloroethane-d4	0.546	0.561		2.75	20
Dibromofluoromethane	0.298	0.318		6.71	20
Toluene-d8	1.222	1.298		6.22	20
4-Bromofluorobenzene	0.387	0.387		0	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\VY052225\
 Data File : VY022380.D
 Acq On : 22 May 2025 08:35
 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 : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

Quant Time: May 23 03:30:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	161495	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	274168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	235238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	110586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	90668	51.370	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.740%			
35) Dibromofluoromethane	7.646	113	87280	53.337	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.680%			
50) Toluene-d8	10.115	98	355941	53.110	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.220%			
62) 4-Bromofluorobenzene	12.408	95	105997	49.898	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	82650	49.047	ug/l	99
3) Chloromethane	2.074	50	176433	49.773	ug/l	96
4) Vinyl Chloride	2.208	62	234408	59.188	ug/l	97
5) Bromomethane	2.605	94	194171	60.227	ug/l	96
6) Chloroethane	2.745	64	160268	65.048	ug/l	98
7) Trichlorofluoromethane	3.068	101	216108	53.896	ug/l	95
8) Diethyl Ether	3.470	74	48567	50.471	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	96945	55.692	ug/l	98
10) Methyl Iodide	4.019	142	112522	55.849	ug/l	99
11) Tert butyl alcohol	4.885	59	30628	227.243	ug/l #	100
12) 1,1-Dichloroethene	3.799	96	93099	53.894	ug/l	96
13) Acrolein	3.665	56	21575	109.497	ug/l	98
14) Allyl chloride	4.397	41	143029	47.221	ug/l	94
15) Acrylonitrile	5.074	53	96693	243.864	ug/l	100
16) Acetone	3.879	43	77883	235.333	ug/l	99
17) Carbon Disulfide	4.117	76	291563	51.759	ug/l	98
18) Methyl Acetate	4.403	43	49022	46.981	ug/l	94
19) Methyl tert-butyl Ether	5.135	73	245795	51.604	ug/l	96
20) Methylene Chloride	4.629	84	99182	46.380	ug/l	95
21) trans-1,2-Dichloroethene	5.135	96	101691	53.333	ug/l	91
22) Diisopropyl ether	6.031	45	310912	48.607	ug/l	97
23) Vinyl Acetate	5.976	43	899140	232.677	ug/l	98
24) 1,1-Dichloroethane	5.927	63	186582	52.212	ug/l	98
25) 2-Butanone	6.909	43	124712	225.284	ug/l	99
26) 2,2-Dichloropropane	6.896	77	172279	54.202	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	119734	54.417	ug/l	97
28) Bromochloromethane	7.256	49	79145	51.923	ug/l	94
29) Tetrahydrofuran	7.274	42	80994	227.418	ug/l	94
30) Chloroform	7.433	83	186842	54.509	ug/l	99
31) Cyclohexane	7.713	56	173130	48.489	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	170179	54.115	ug/l	99
36) 1,1-Dichloropropene	7.848	75	141766	52.597	ug/l	98
37) Ethyl Acetate	6.994	43	57919	44.661	ug/l	96
38) Carbon Tetrachloride	7.829	117	150177	53.827	ug/l	98
39) Methylcyclohexane	9.122	83	190360	52.569	ug/l	94
40) Benzene	8.091	78	424335	53.106	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022380.D
 Acq On : 22 May 2025 08:35
 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 : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

Quant Time: May 23 03:30:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	39078m	45.426	ug/l	
42) 1,2-Dichloroethane	8.171	62	108617	50.267	ug/l	100
43) Isopropyl Acetate	8.207	43	128391	45.395	ug/l #	85
44) Trichloroethene	8.878	130	105676	53.190	ug/l	98
45) 1,2-Dichloropropane	9.152	63	99132	51.460	ug/l	95
46) Dibromomethane	9.238	93	53943	51.917	ug/l	99
47) Bromodichloromethane	9.433	83	140915	52.278	ug/l	100
48) Methyl methacrylate	9.231	41	58854	44.496	ug/l	93
49) 1,4-Dioxane	9.238	88	11678	994.901	ug/l	88
51) 4-Methyl-2-Pentanone	10.006	43	315171	227.107	ug/l	96
52) Toluene	10.176	92	268178	53.002	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	131043	49.816	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	154811	51.367	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	67471	50.711	ug/l	98
56) Ethyl methacrylate	10.445	69	101892	49.163	ug/l	95
57) 1,3-Dichloropropane	10.725	76	121474	51.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	247160	265.693	ug/l	97
59) 2-Hexanone	10.768	43	206922	222.384	ug/l	95
60) Dibromochloromethane	10.920	129	90531	52.423	ug/l	99
61) 1,2-Dibromoethane	11.024	107	64690	52.166	ug/l	100
64) Tetrachloroethene	10.652	164	118077	54.305	ug/l	97
65) Chlorobenzene	11.451	112	280913	52.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	94462	51.774	ug/l	99
67) Ethyl Benzene	11.524	91	525554	52.876	ug/l	99
68) m/p-Xylenes	11.633	106	399310	106.617	ug/l	96
69) o-Xylene	11.963	106	186099	52.518	ug/l	96
70) Styrene	11.975	104	311800	52.163	ug/l	98
71) Bromoform	12.139	173	49753	50.521	ug/l #	98
73) Isopropylbenzene	12.261	105	490162	53.502	ug/l	100
74) N-amyl acetate	12.078	43	119696	45.682	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	72647	51.561	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	55147m	49.223	ug/l	
77) Bromobenzene	12.542	156	102872	52.574	ug/l	97
78) n-propylbenzene	12.603	91	595455	53.885	ug/l	100
79) 2-Chlorotoluene	12.688	91	318579	52.461	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	390755	52.837	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	25898	46.827	ug/l	96
82) 4-Chlorotoluene	12.786	91	325243	52.070	ug/l	99
83) tert-Butylbenzene	13.005	119	353926	53.844	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	389894	53.109	ug/l	100
85) sec-Butylbenzene	13.182	105	534707	54.800	ug/l	100
86) p-Isopropyltoluene	13.298	119	450850	54.938	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	212275	53.142	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	202502	52.704	ug/l	99
89) n-Butylbenzene	13.621	91	429840	55.365	ug/l	100
90) Hexachloroethane	13.883	117	87959	53.097	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	176961	52.741	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11556	50.863	ug/l	93
93) 1,2,4-Trichlorobenzene	14.926	180	103673	53.492	ug/l	98
94) Hexachlorobutadiene	15.029	225	57263	52.980	ug/l	99
95) Naphthalene	15.151	128	187535	50.990	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	86200	52.428	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
Data File : VY022380.D
Acq On : 22 May 2025 08:35
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 :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

Quant Time: May 23 03:30:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

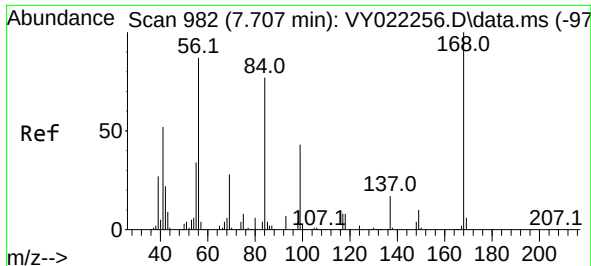
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations

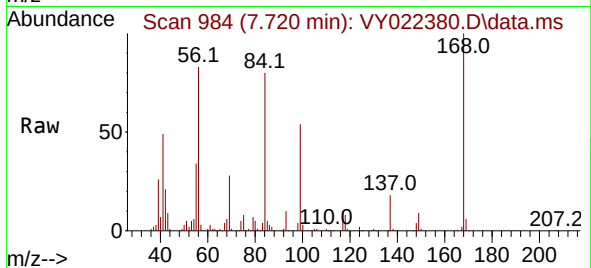
Quant Time: May 23 03:30:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

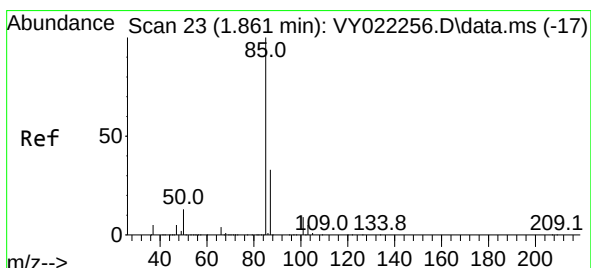
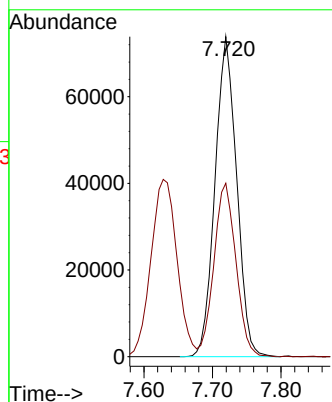
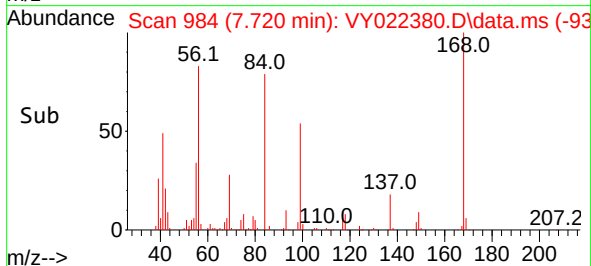
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 16149
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4

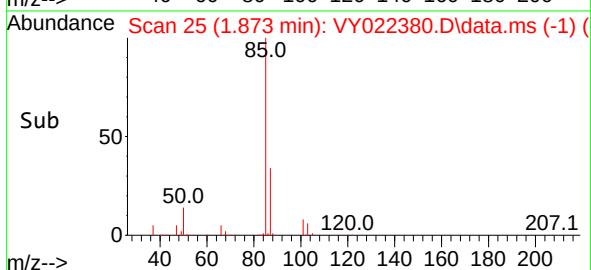
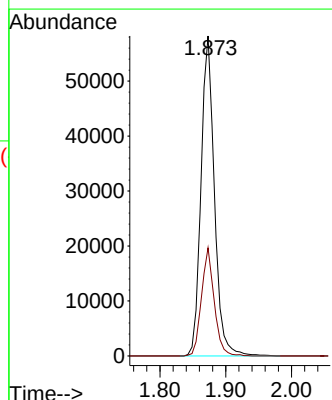
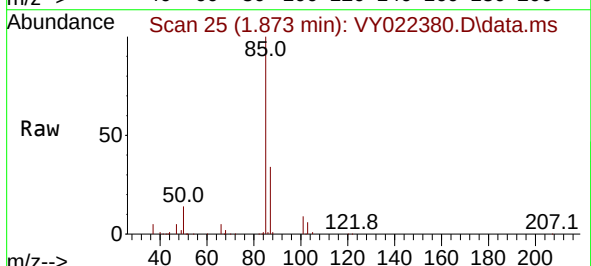
Manual Integrations
APPROVED

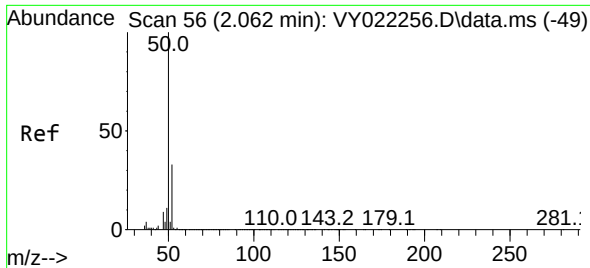
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#2
Dichlorodifluoromethane
Concen: 49.047 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

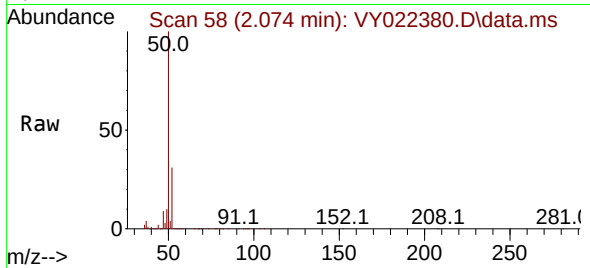
Tgt Ion: 85 Resp: 82650
Ion Ratio Lower Upper
85 100
87 33.8 16.5 49.5





#3
Chloromethane
Concen: 49.773 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

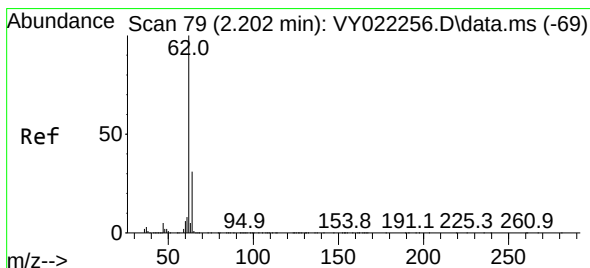
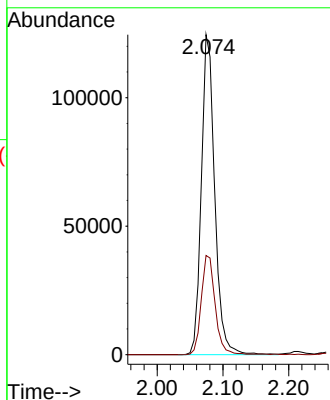
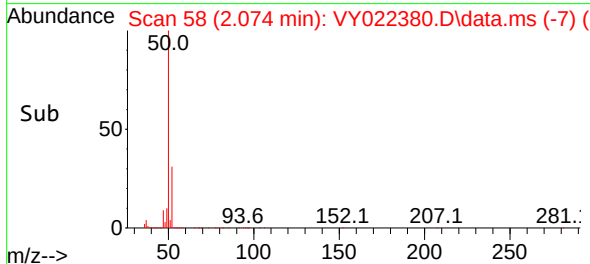
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



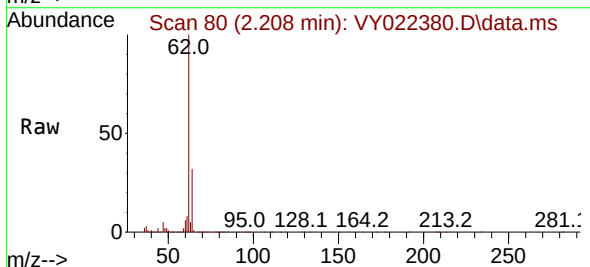
Tgt Ion: 50 Resp: 176433
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7

Manual Integrations
APPROVED

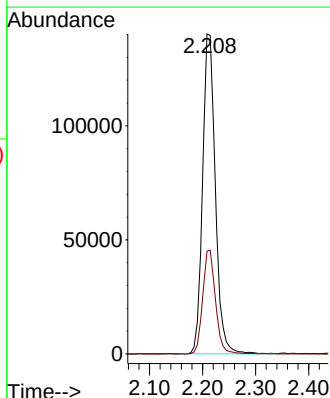
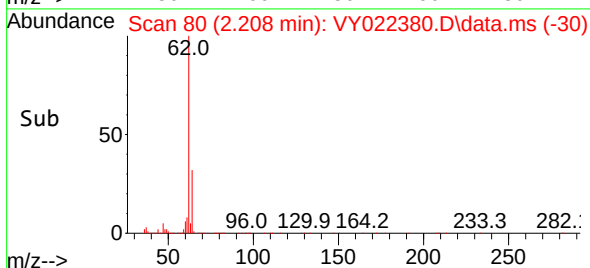
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

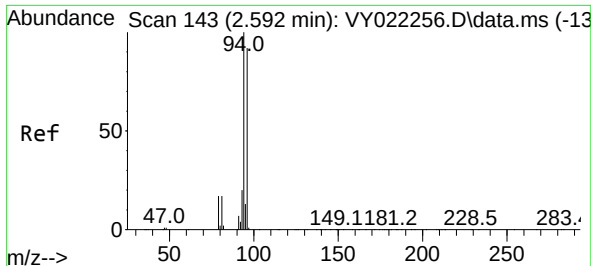


#4
Vinyl Chloride
Concen: 59.188 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



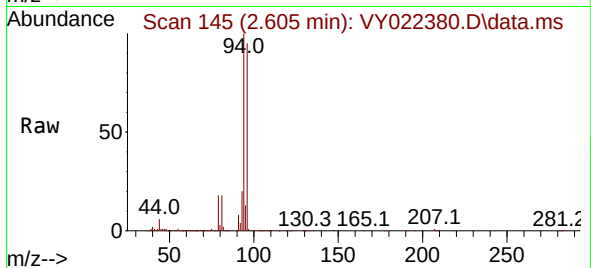
Tgt Ion: 62 Resp: 234408
Ion Ratio Lower Upper
62 100
64 32.1 24.5 36.7





#5
Bromomethane
Concen: 60.227 ug/l
RT: 2.605 min Scan# 143
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

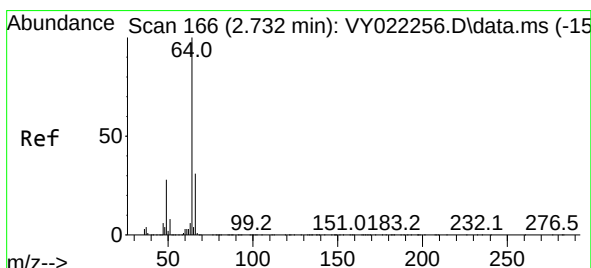
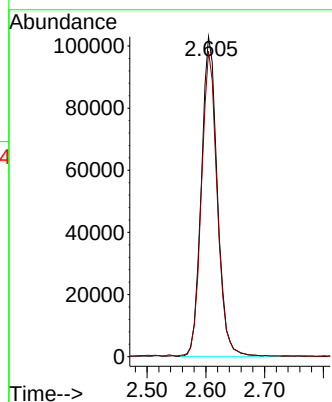
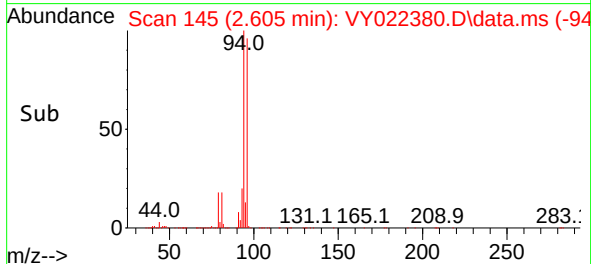
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



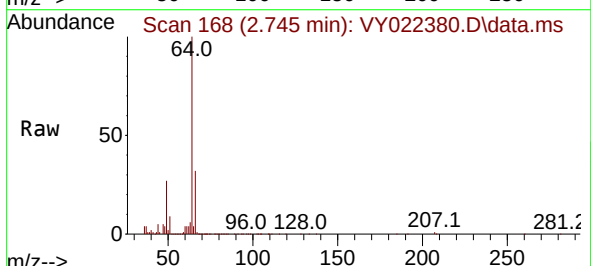
Tgt Ion: 94 Resp: 19417
Ion Ratio Lower Upper
94 100
96 95.4 73.4 110.0

Manual Integrations
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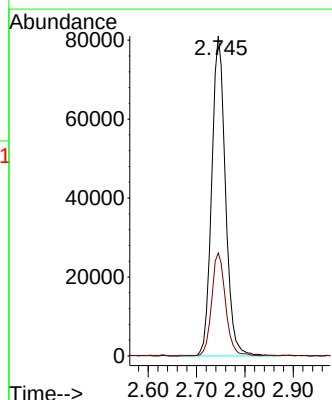
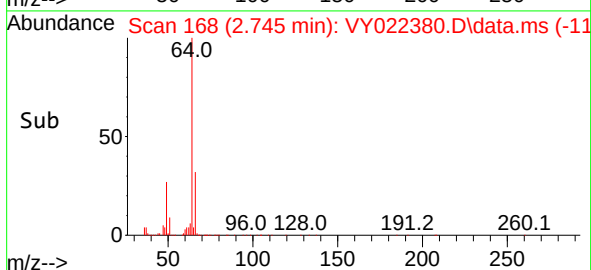
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

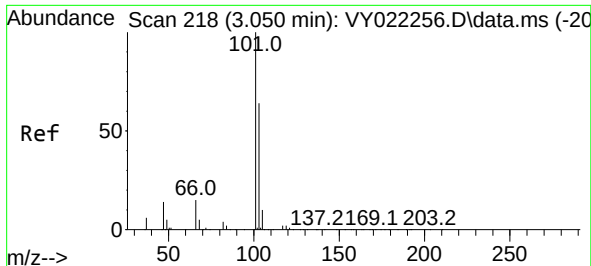


#6
Chloroethane
Concen: 65.048 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



Tgt Ion: 64 Resp: 160268
Ion Ratio Lower Upper
64 100
66 32.0 24.8 37.2





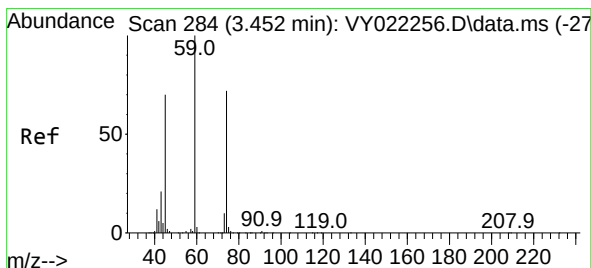
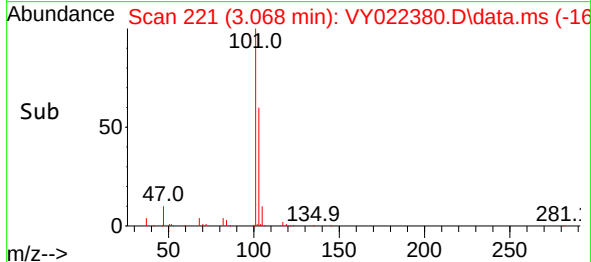
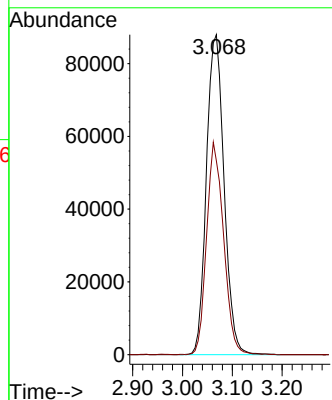
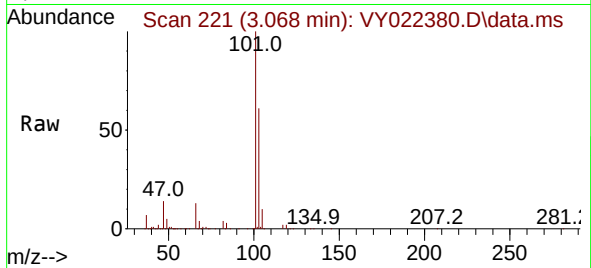
#7
Trichlorofluoromethane
Concen: 53.896 ug/l
RT: 3.068 min Scan# 218
Delta R.T. 0.018 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 216108
Ion Ratio Lower Upper
101 100
103 60.6 51.7 77.5

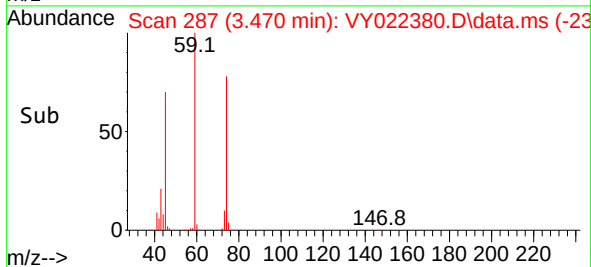
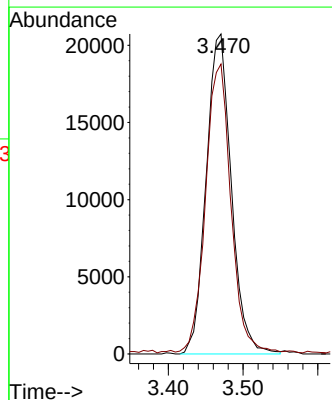
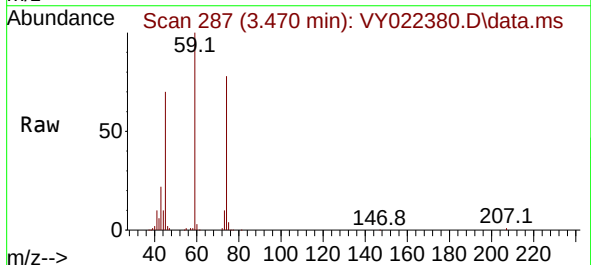
Manual Integrations
APPROVED

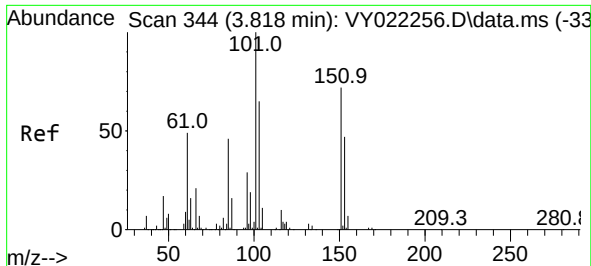
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#8
Diethyl Ether
Concen: 50.471 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.018 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 74 Resp: 48567
Ion Ratio Lower Upper
74 100
45 91.3 48.6 145.8





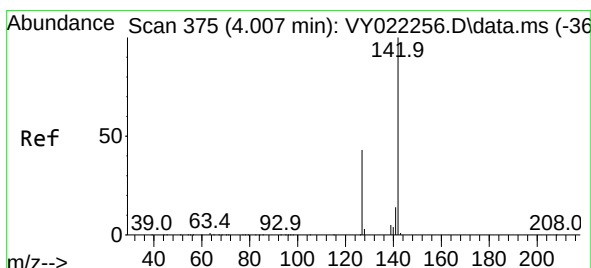
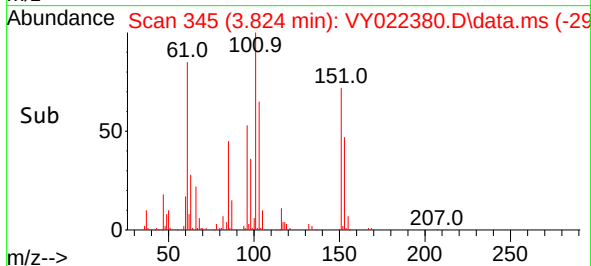
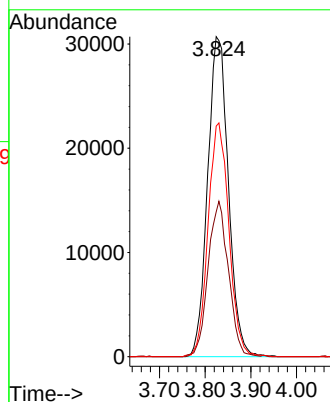
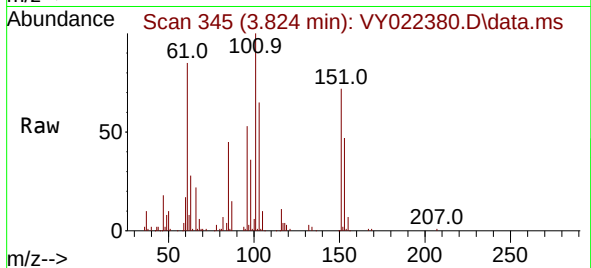
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.692 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 96945
Ion Ratio Lower Upper
101 100
85 47.5 38.6 58.0
151 73.1 59.7 89.5

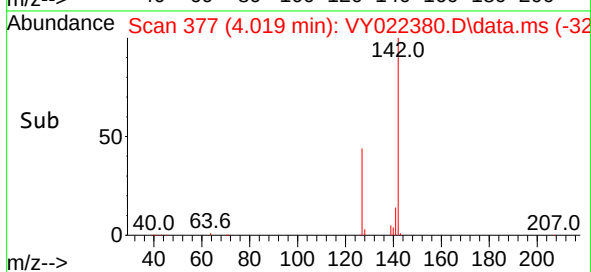
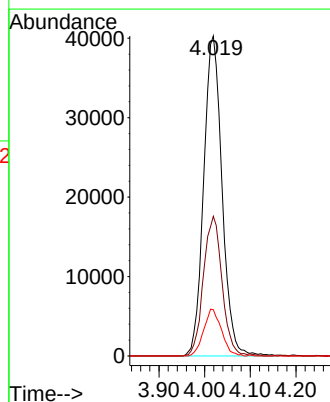
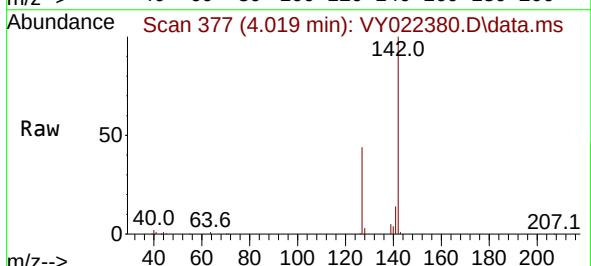
Manual Integrations
APPROVED

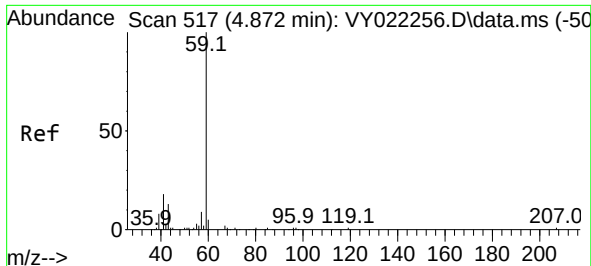
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#10
Methyl Iodide
Concen: 55.849 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

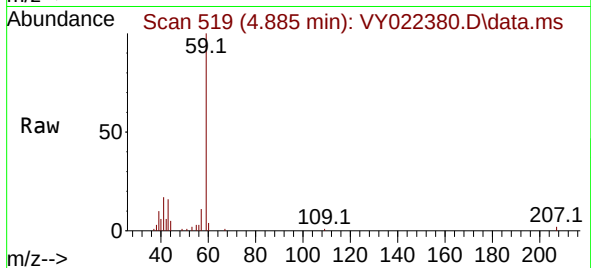
Tgt Ion:142 Resp: 112522
Ion Ratio Lower Upper
142 100
127 44.3 35.7 53.5
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 227.243 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

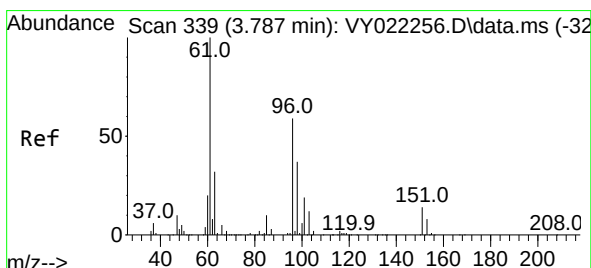
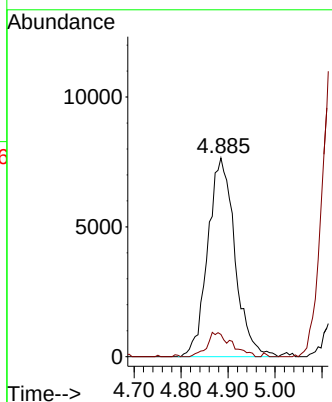
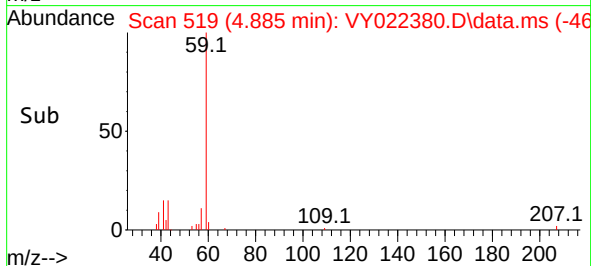
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



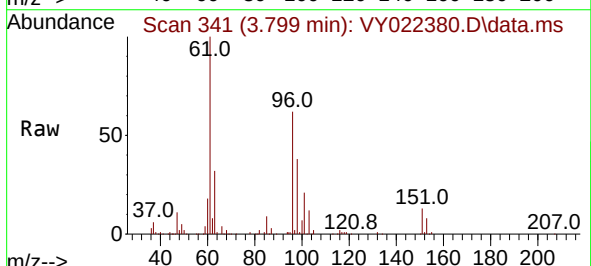
Tgt Ion: 59 Resp: 30628
Ion Ratio Lower Upper
59 100
57 11.0 0.0 0.0

Manual Integrations
APPROVED

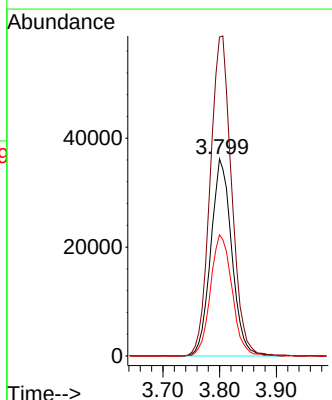
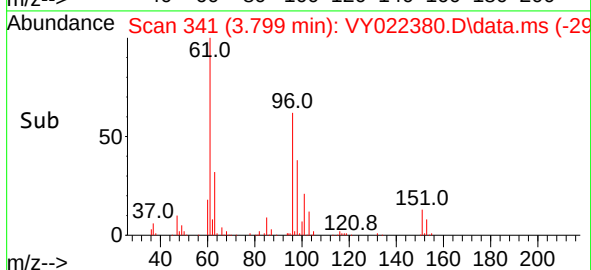
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

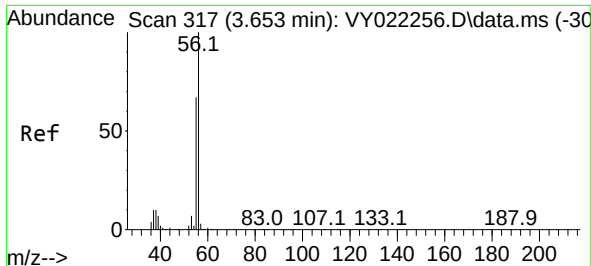


#12
1,1-Dichloroethene
Concen: 53.894 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



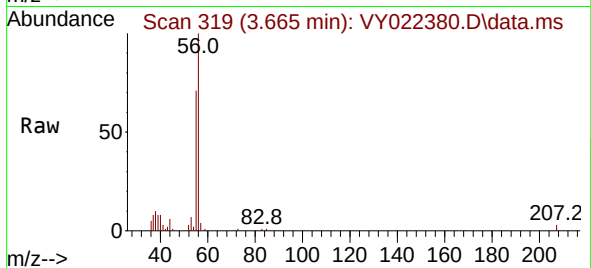
Tgt Ion: 96 Resp: 93099
Ion Ratio Lower Upper
96 100
61 161.7 134.9 202.3
98 61.5 49.9 74.9





#13
Acrolein
Concen: 109.497 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

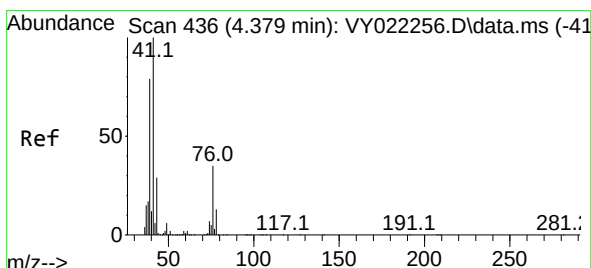
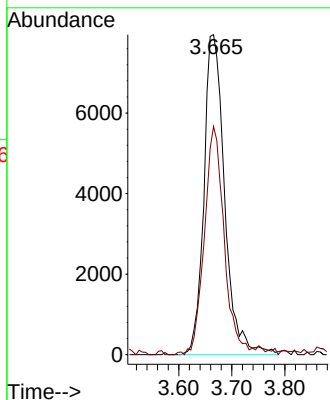
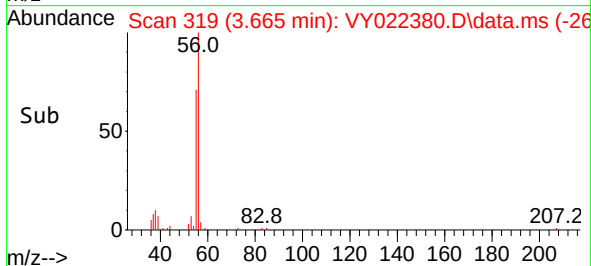
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



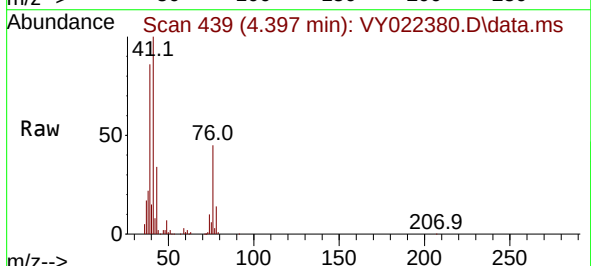
Tgt Ion: 56 Resp: 21579
Ion Ratio Lower Upper
56 100
55 68.2 55.6 83.4

Manual Integrations
APPROVED

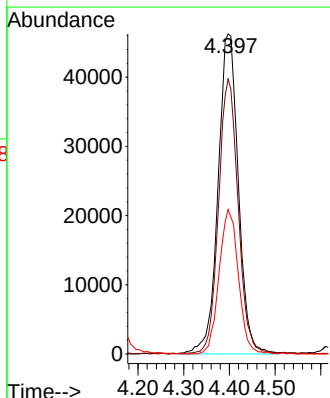
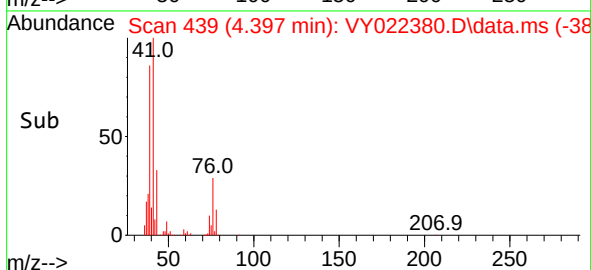
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

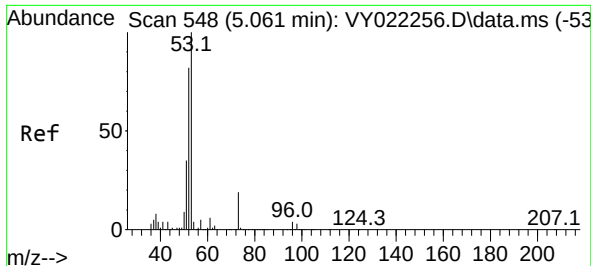


#14
Allyl chloride
Concen: 47.221 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



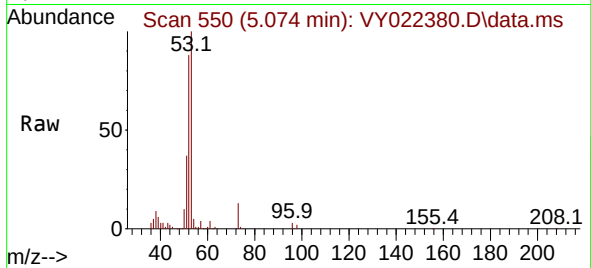
Tgt Ion: 41 Resp: 143029
Ion Ratio Lower Upper
41 100
39 83.0 63.4 95.0
76 42.9 29.5 44.3





#15
Acrylonitrile
Concen: 243.864 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

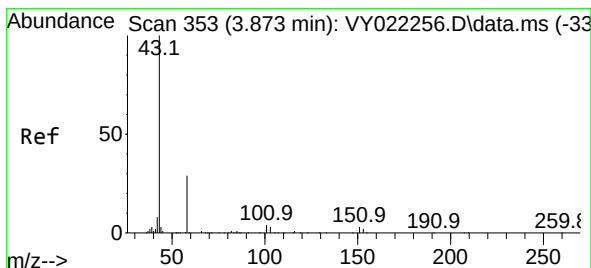
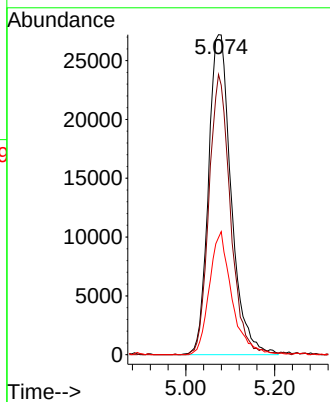
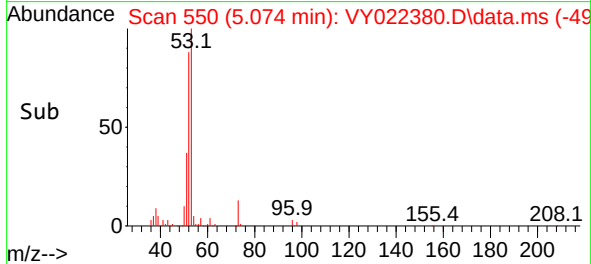
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



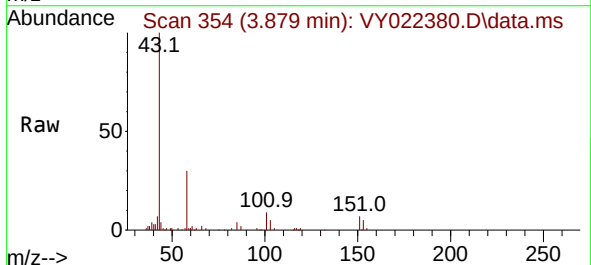
Tgt Ion: 53 Resp: 9669
Ion Ratio Lower Upper
53 100
52 82.5 66.1 99.1
51 37.8 30.0 45.0

Manual Integrations
APPROVED

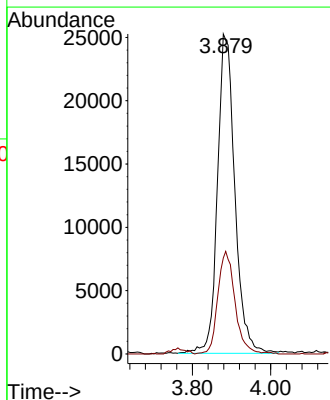
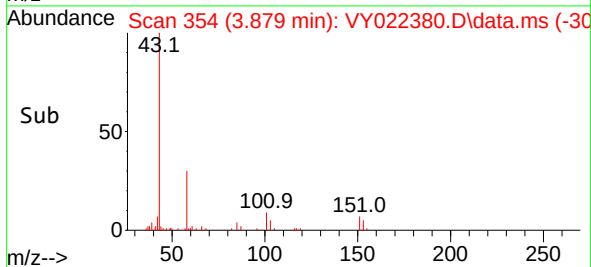
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

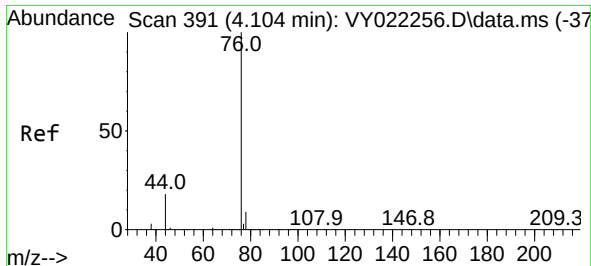


#16
Acetone
Concen: 235.333 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



Tgt Ion: 43 Resp: 77883
Ion Ratio Lower Upper
43 100
58 30.1 23.6 35.4





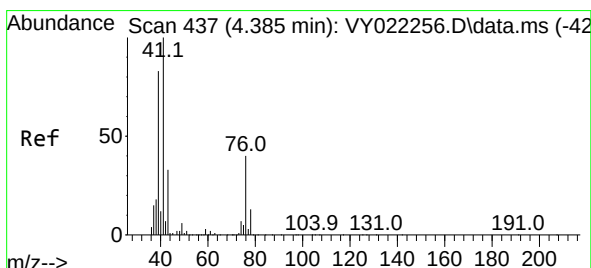
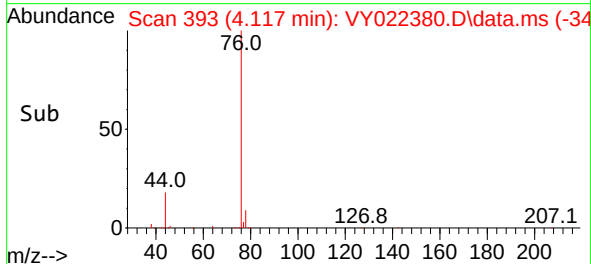
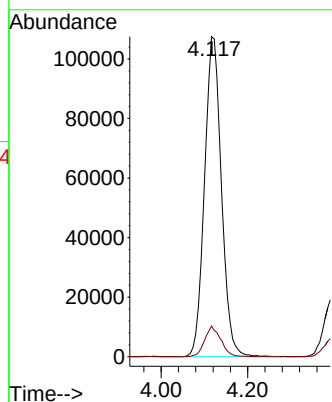
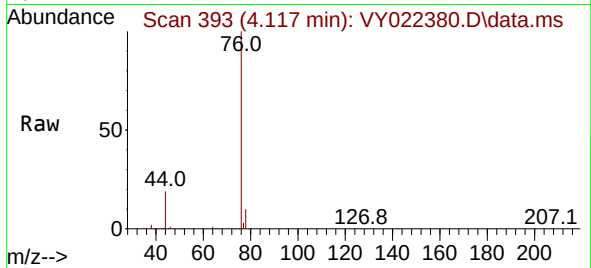
#17
Carbon Disulfide
Concen: 51.759 ug/l
RT: 4.117 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 29156
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

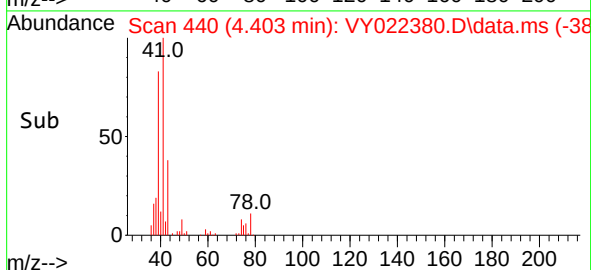
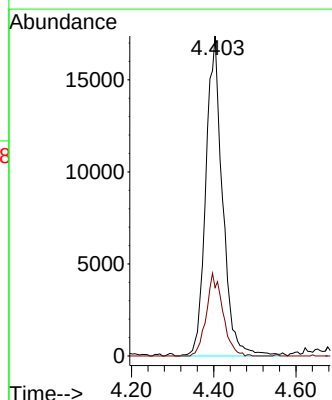
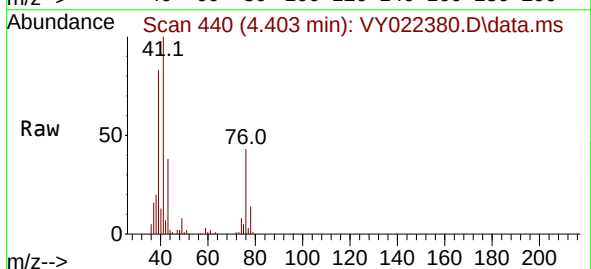
Manual Integrations
APPROVED

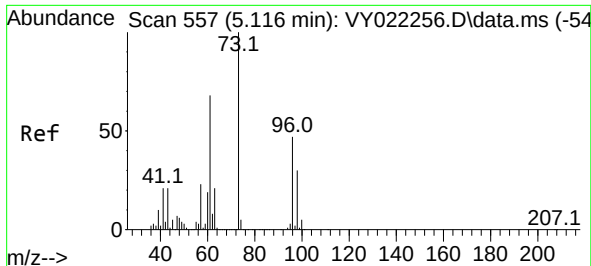
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#18
Methyl Acetate
Concen: 46.981 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

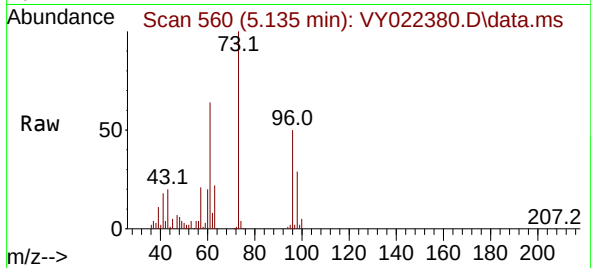
Tgt Ion: 43 Resp: 49022
Ion Ratio Lower Upper
43 100
74 25.5 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 51.604 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

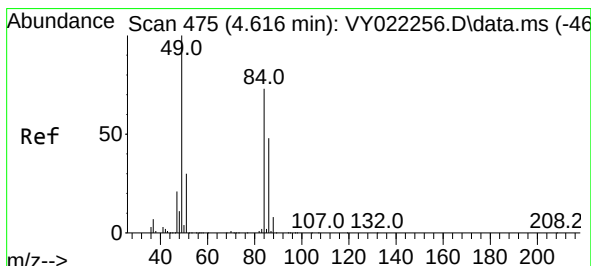
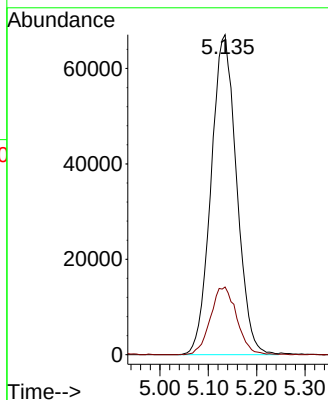
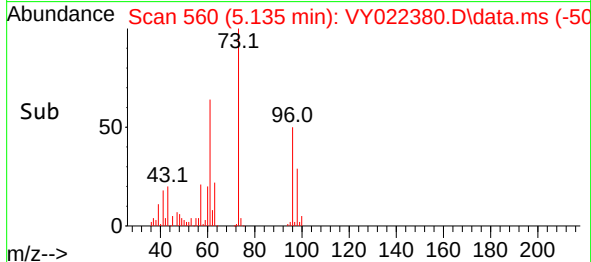
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 24579
Ion Ratio Lower Upper
73 100
57 21.2 18.6 28.0

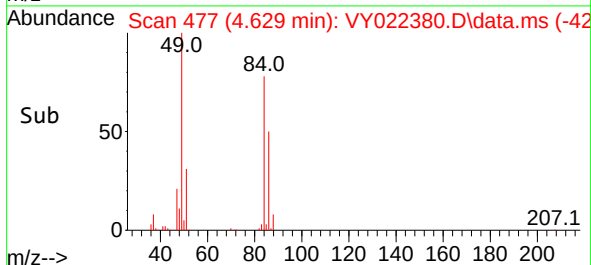
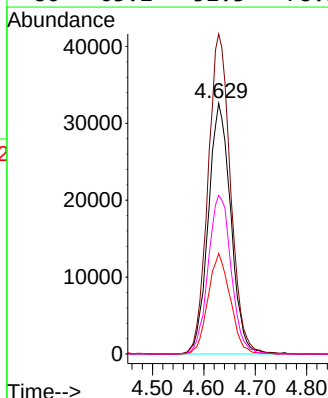
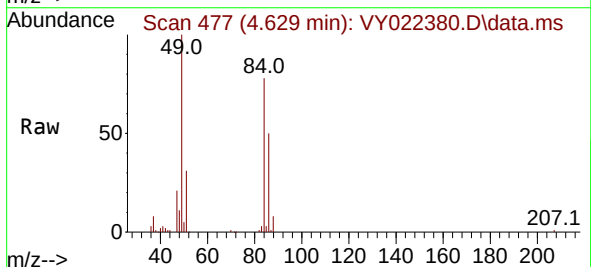
Manual Integrations
APPROVED

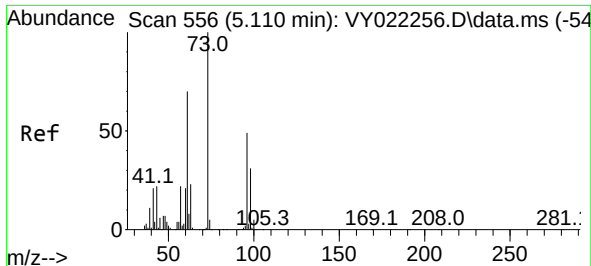
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#20
Methylene Chloride
Concen: 46.380 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

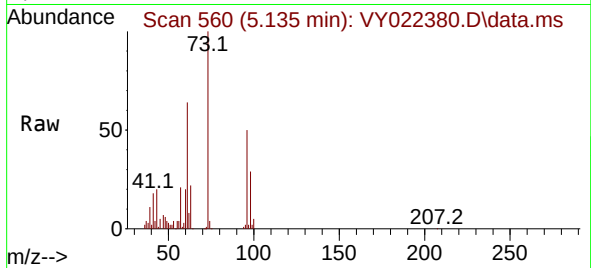
Tgt Ion: 84 Resp: 99182
Ion Ratio Lower Upper
84 100
49 127.6 109.6 164.4
51 40.1 32.4 48.6
86 63.2 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 53.333 ug/l
RT: 5.135 min Scan# 50
Delta R.T. 0.025 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

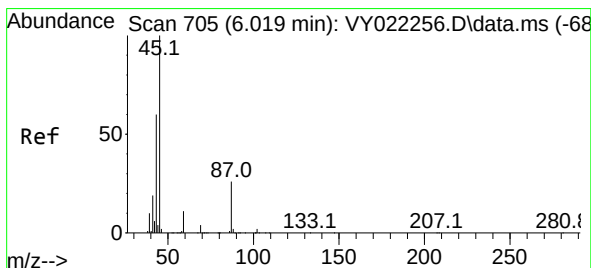
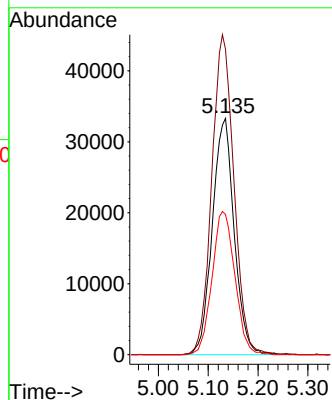
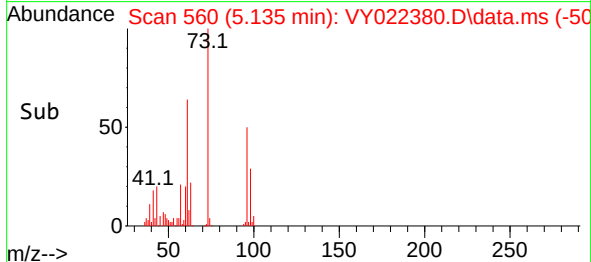
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



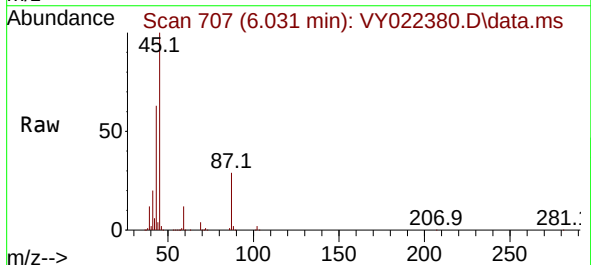
Tgt Ion: 96 Resp: 10169
Ion Ratio Lower Upper
96 100
61 129.3 113.4 170.0
98 59.4 50.9 76.3

Manual Integrations
APPROVED

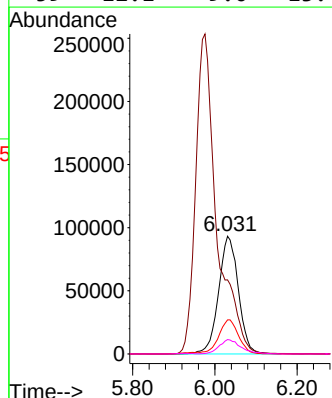
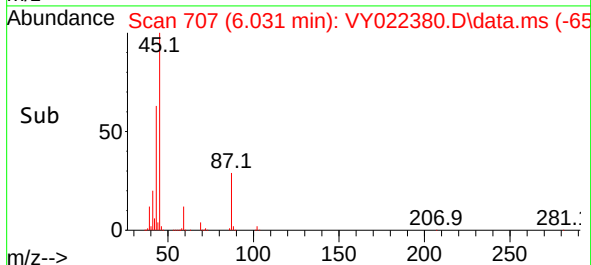
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

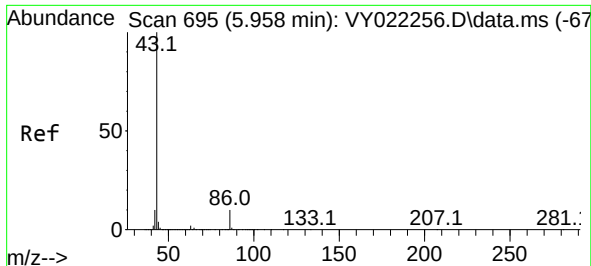


#22
Diisopropyl ether
Concen: 48.607 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



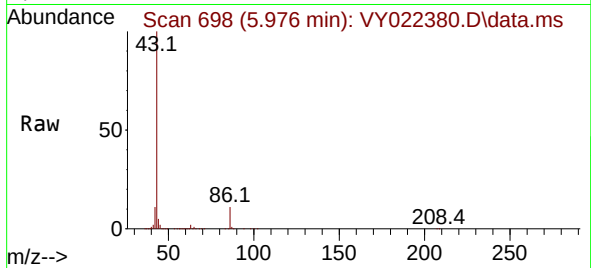
Tgt Ion: 45 Resp: 310912
Ion Ratio Lower Upper
45 100
43 62.4 48.2 72.2
87 28.9 21.4 32.0
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 232.677 ug/l
 RT: 5.976 min Scan# 695
 Delta R.T. 0.018 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35

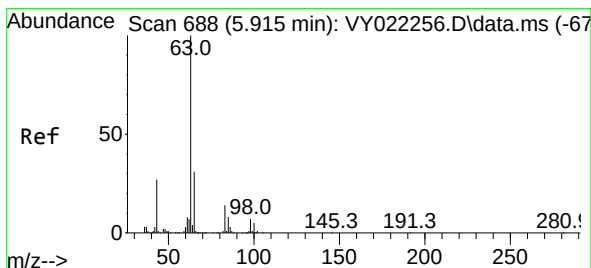
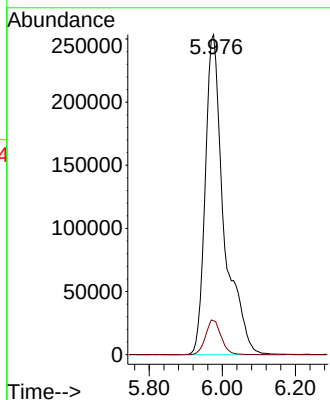
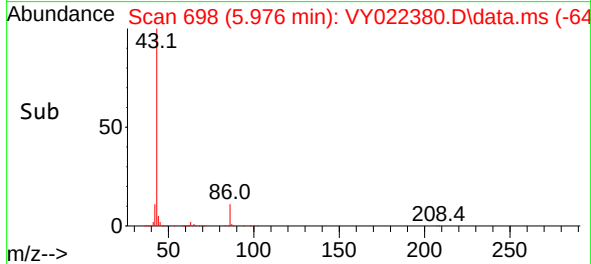
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



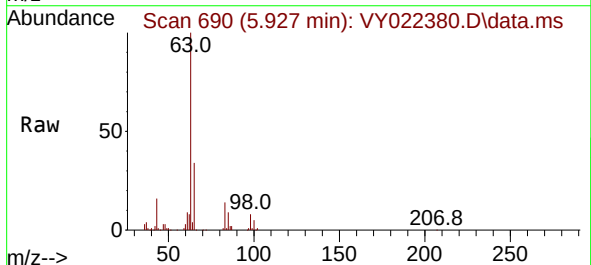
Tgt Ion: 43 Resp: 899140
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

Manual Integrations
 APPROVED

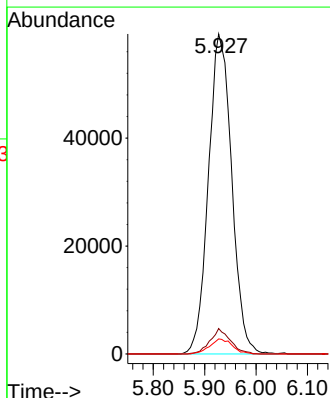
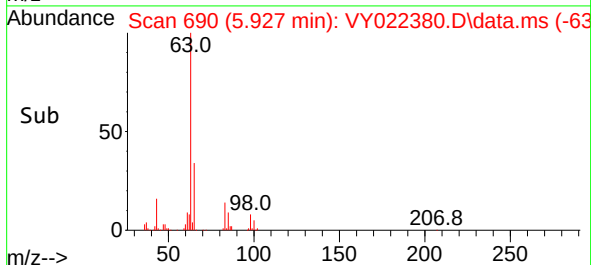
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

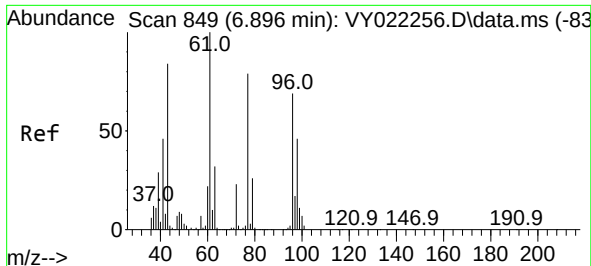


#24
 1,1-Dichloroethane
 Concen: 52.212 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35



Tgt Ion: 63 Resp: 186582
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.5
 100 4.7 2.4 7.2





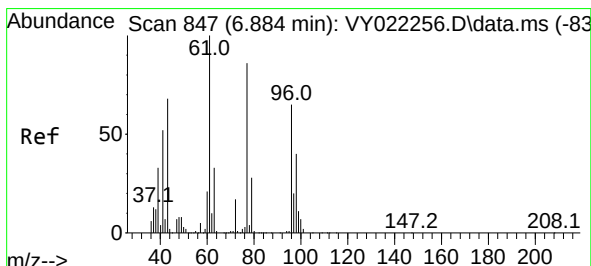
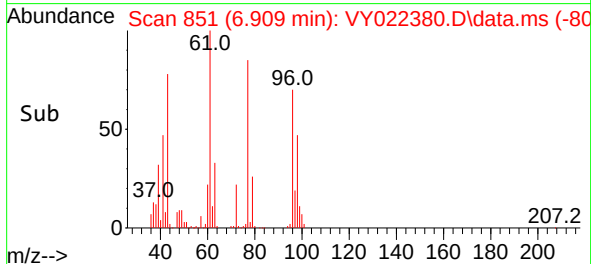
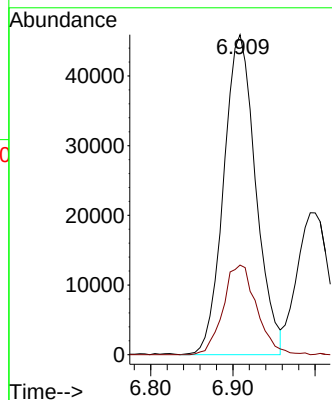
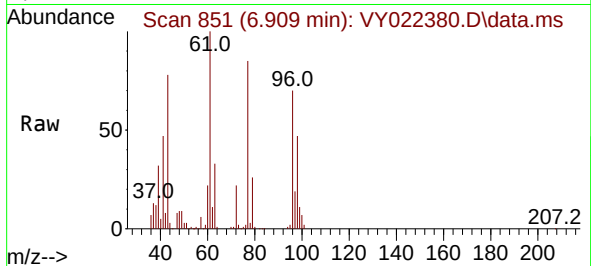
#25
2-Butanone
Concen: 225.284 ug/l
RT: 6.909 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 124712
Ion Ratio Lower Upper
43 100
72 28.0 22.1 33.1

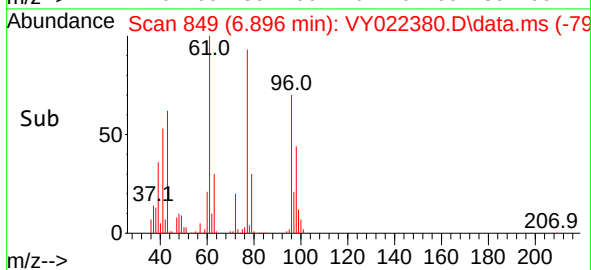
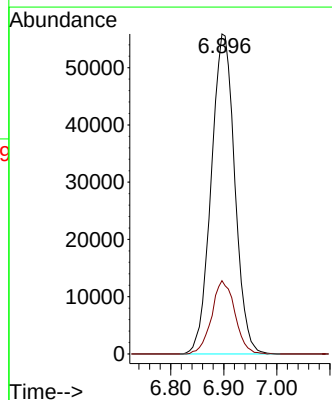
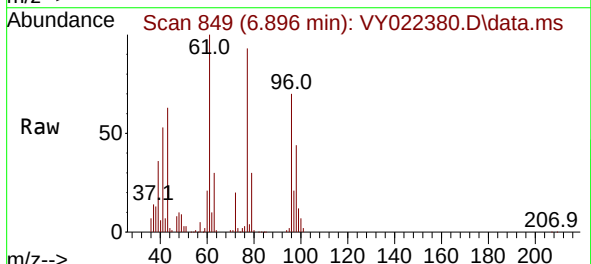
Manual Integrations
APPROVED

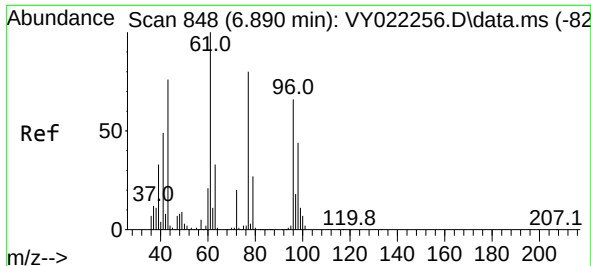
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#26
2,2-Dichloropropane
Concen: 54.202 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

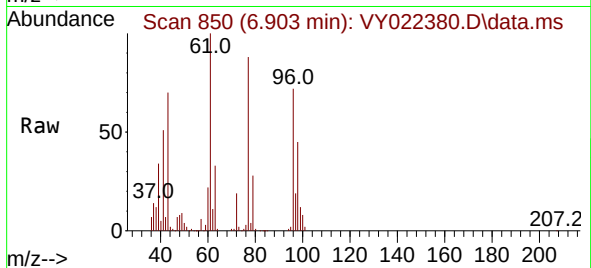
Tgt Ion: 77 Resp: 172279
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.417 ug/l
 RT: 6.903 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35

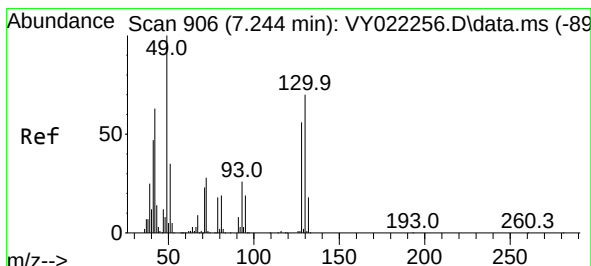
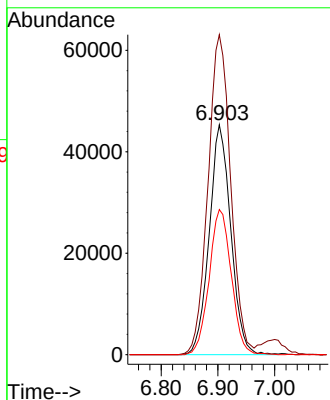
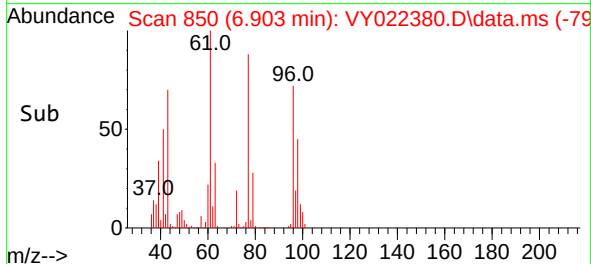
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



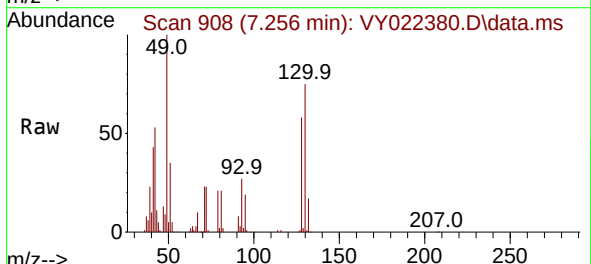
Tgt Ion: 96 Resp: 119734
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 302.6
 98 64.8 0.0 128.8

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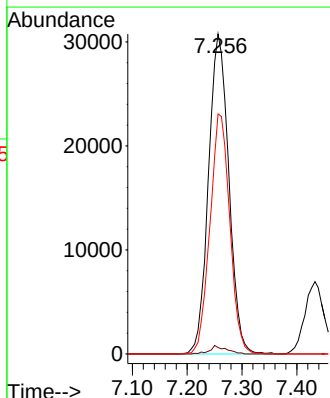
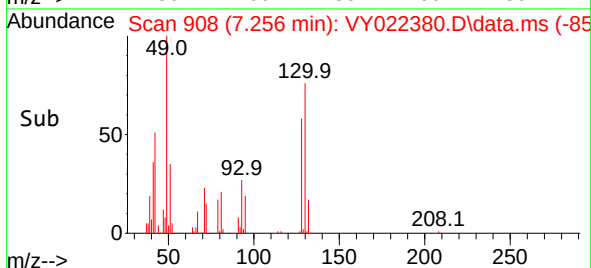
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

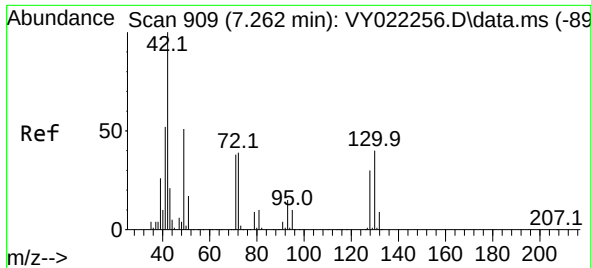


#28
 Bromochloromethane
 Concen: 51.923 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35



Tgt Ion: 49 Resp: 79145
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 73.2 54.7 82.1





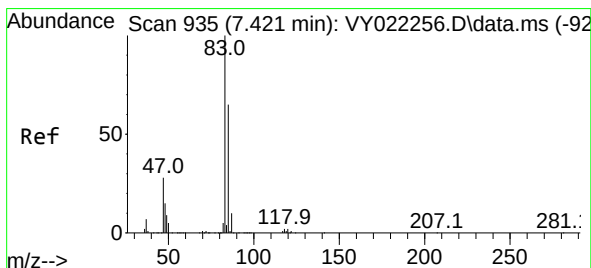
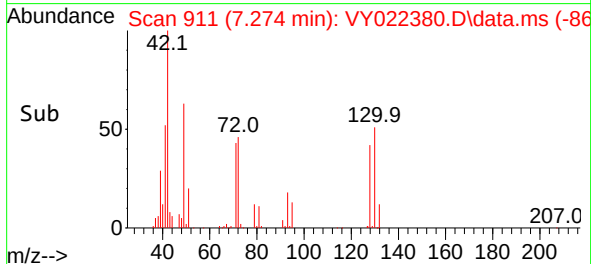
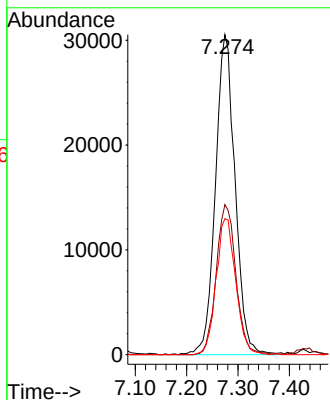
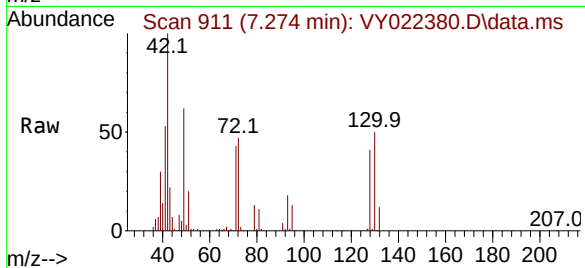
#29
Tetrahydrofuran
Concen: 227.418 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 80994
Ion Ratio Lower Upper
42 100
72 47.2 33.8 50.6
71 42.5 31.5 47.3

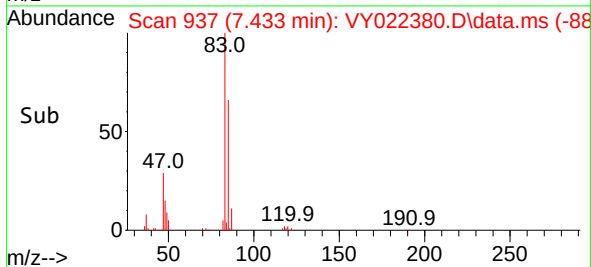
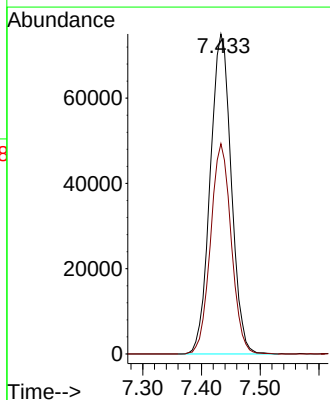
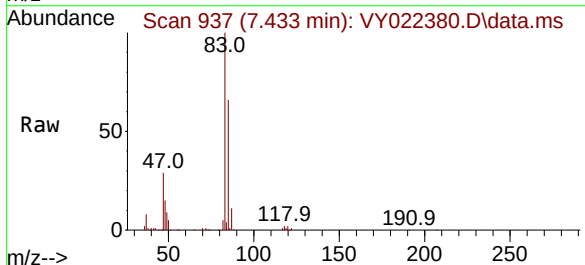
Manual Integrations
APPROVED

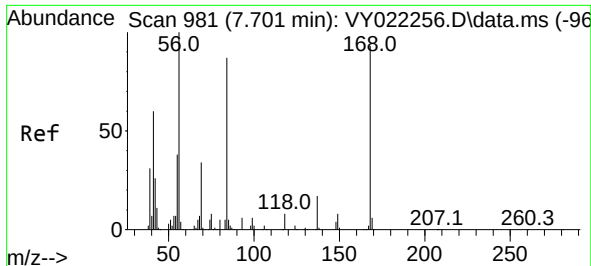
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#30
Chloroform
Concen: 54.509 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

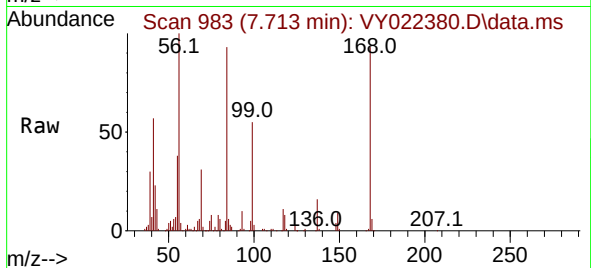
Tgt Ion: 83 Resp: 186842
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.8





#31
Cyclohexane
Concen: 48.489 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

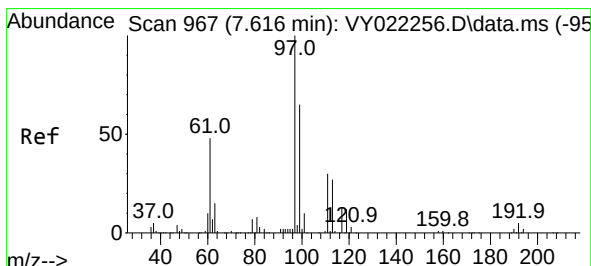
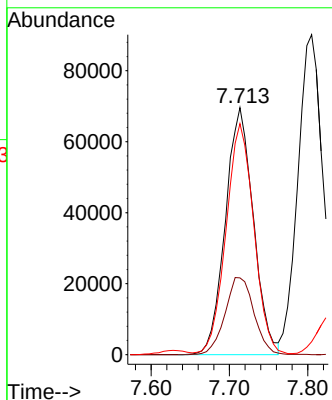
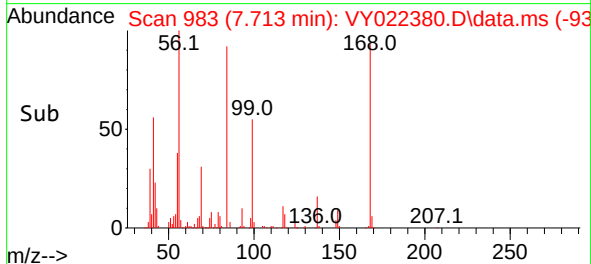
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



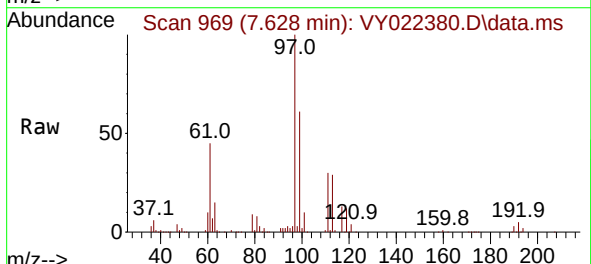
Tgt Ion: 56 Resp: 173130
Ion Ratio Lower Upper
56 100
69 31.1 27.4 41.2
84 91.9 70.0 105.0

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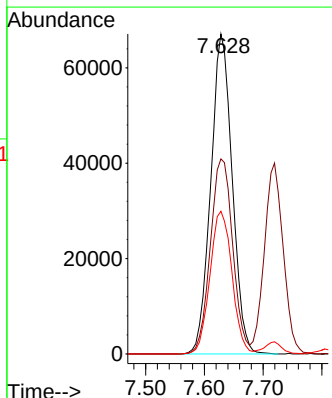
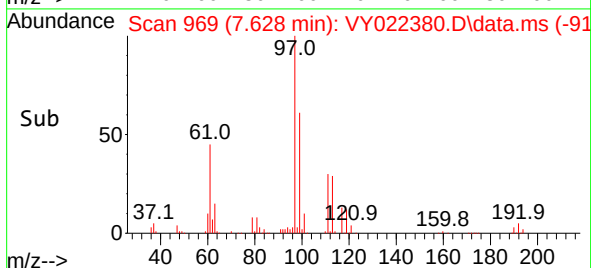
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

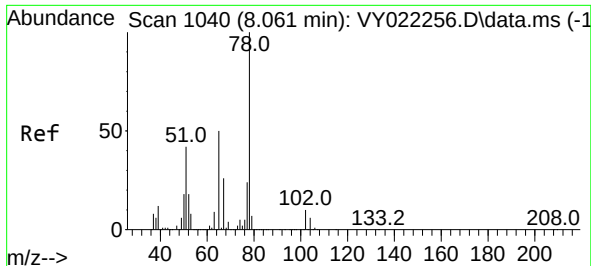


#32
1,1,1-Trichloroethane
Concen: 54.115 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



Tgt Ion: 97 Resp: 170179
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 45.9 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 51.370 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.012 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 90668

Ion Ratio Lower Upper

65 100

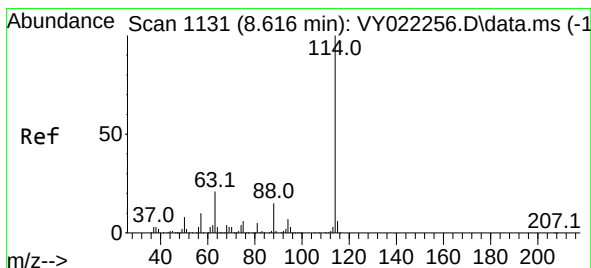
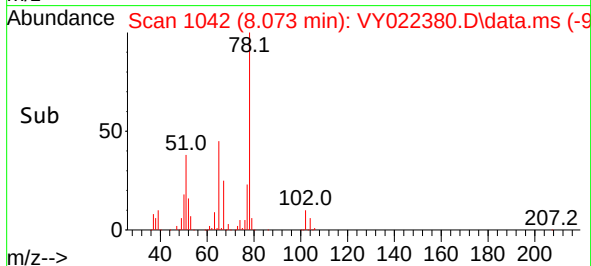
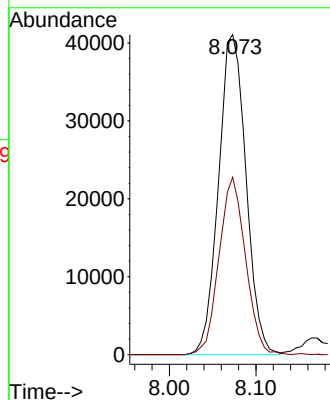
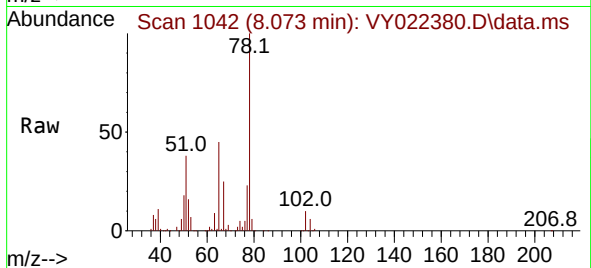
67 53.4 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

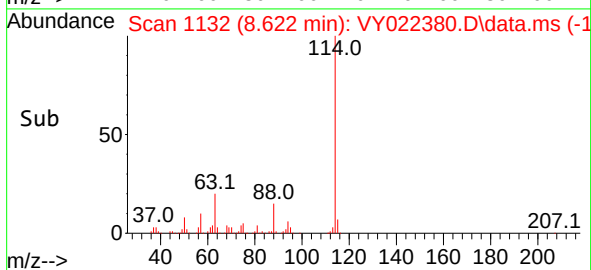
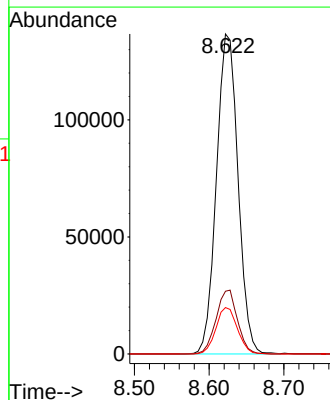
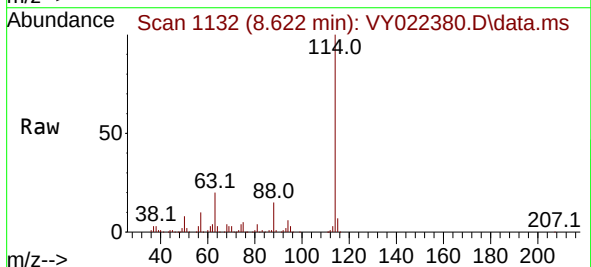
Tgt Ion:114 Resp: 274168

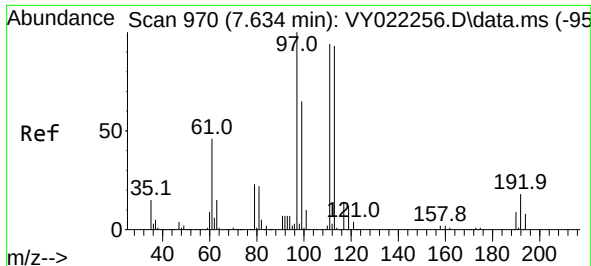
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.0

88 14.5 0.0 29.4





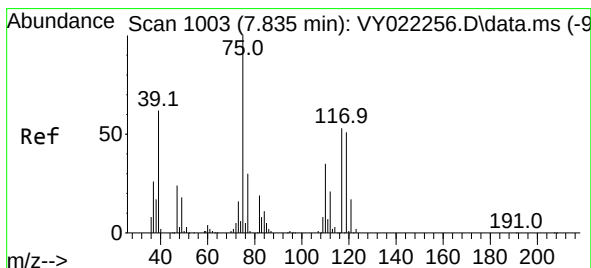
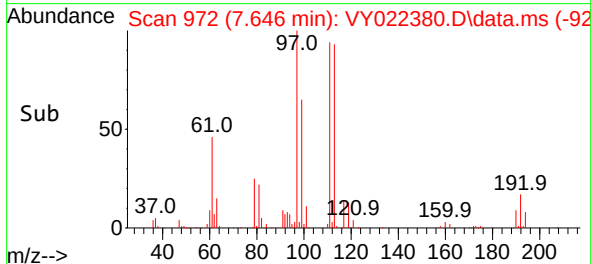
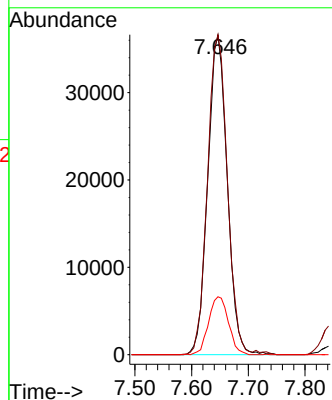
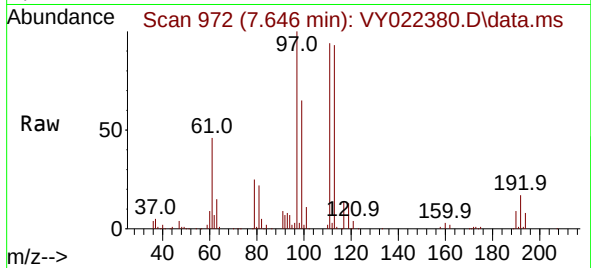
#35
Dibromofluoromethane
Concen: 53.337 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 87280
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 18.5 15.2 22.8

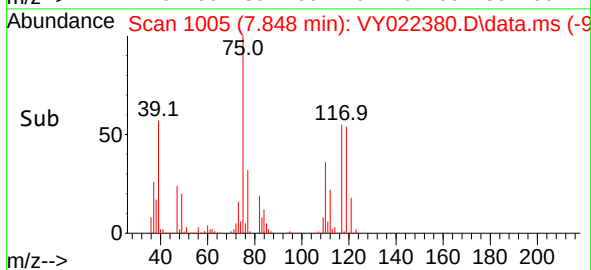
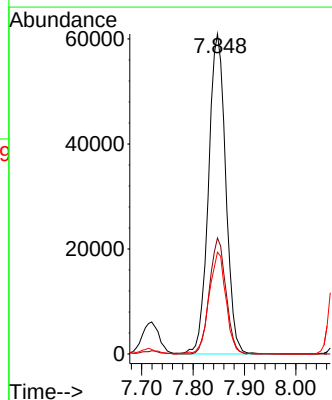
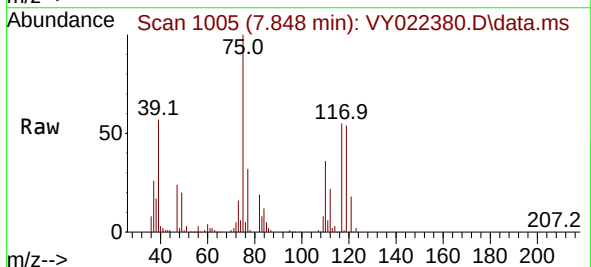
Manual Integrations
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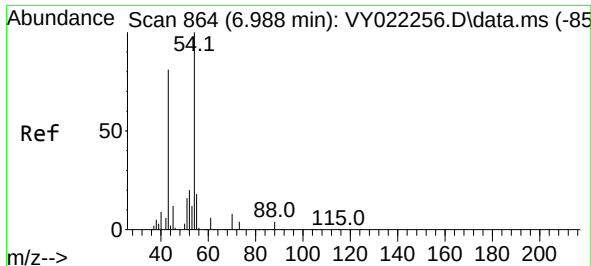
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#36
1,1-Dichloropropene
Concen: 52.597 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 75 Resp: 141766
Ion Ratio Lower Upper
75 100
110 34.7 16.6 49.8
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 44.661 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 57919

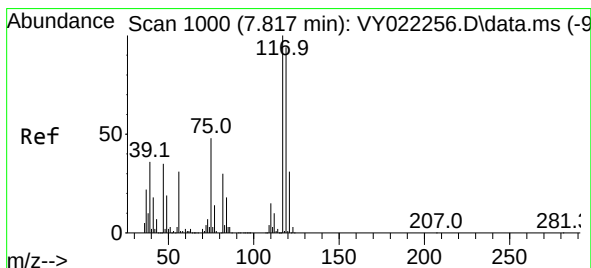
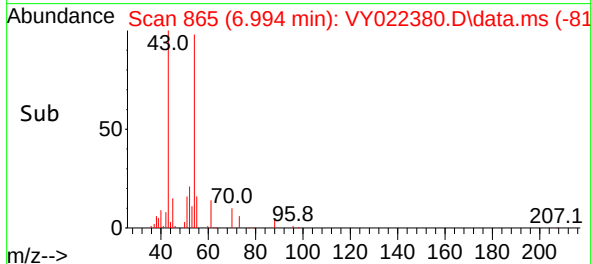
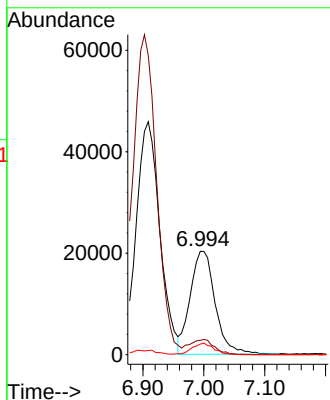
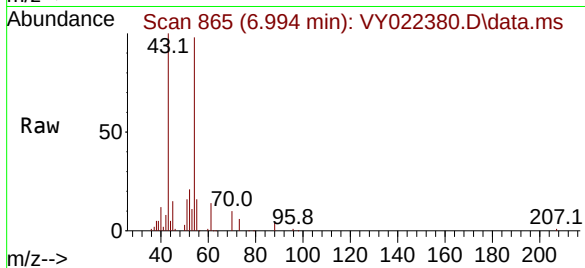
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.2	15.2
70	9.8	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#38

Carbon Tetrachloride

Concen: 53.827 ug/l

RT: 7.829 min Scan# 1002

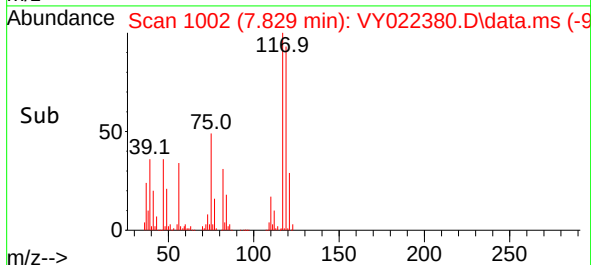
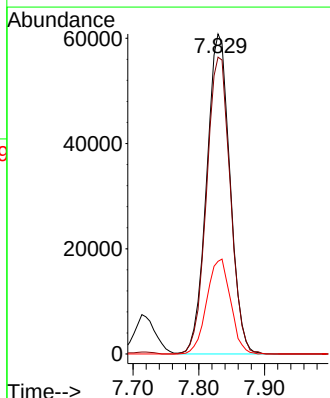
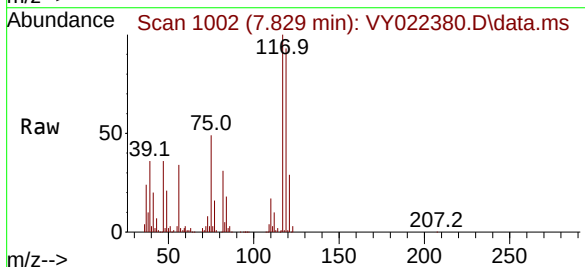
Delta R.T. 0.012 min

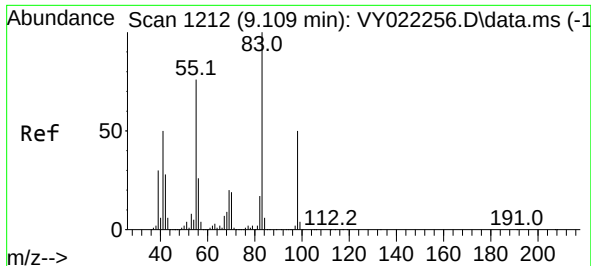
Lab File: VY022380.D

Acq: 22 May 2025 08:35

Tgt Ion:117 Resp: 150177

Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.3	112.9
121	29.0	24.7	37.1





#39

Methylcyclohexane

Concen: 52.569 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 190360

Ion Ratio Lower Upper

83 100

55 68.8 60.6 90.8

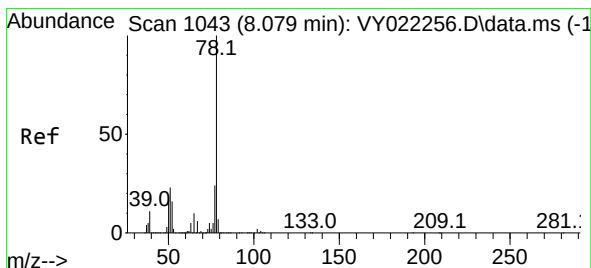
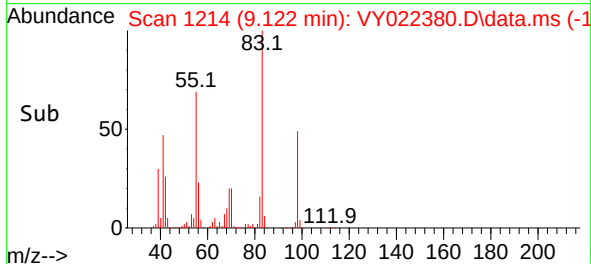
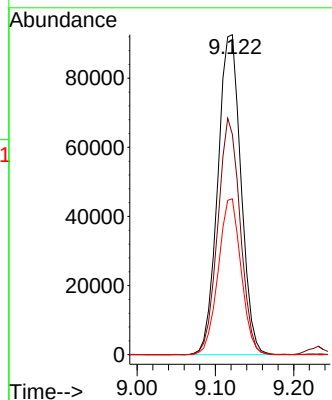
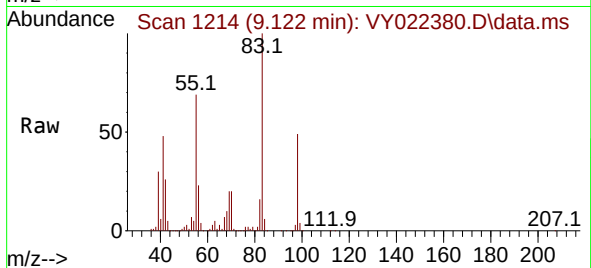
98 48.7 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#40

Benzene

Concen: 53.106 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY022380.D

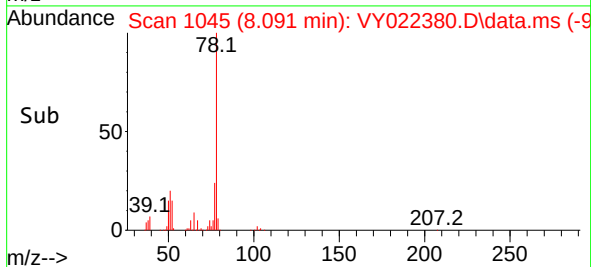
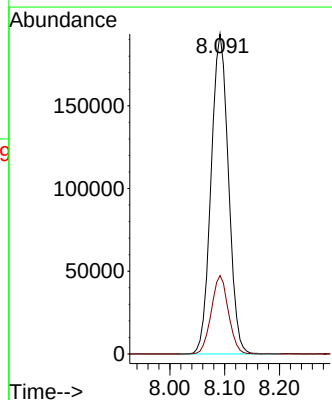
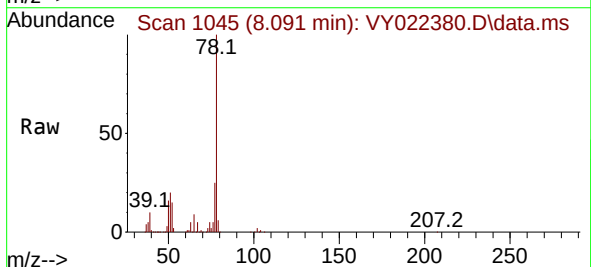
Acq: 22 May 2025 08:35

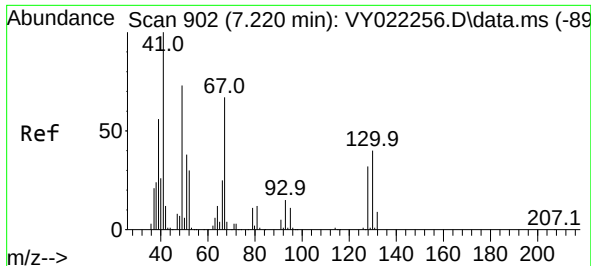
Tgt Ion: 78 Resp: 424335

Ion Ratio Lower Upper

78 100

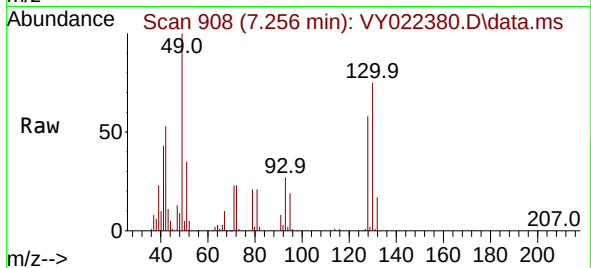
77 24.5 18.9 28.3





#41
Methacrylonitrile
Concen: 45.426 ug/l m
RT: 7.256 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

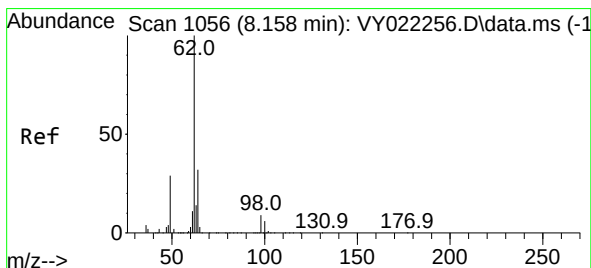
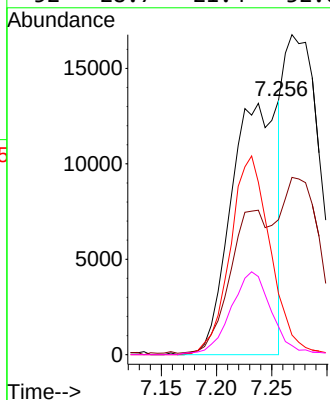
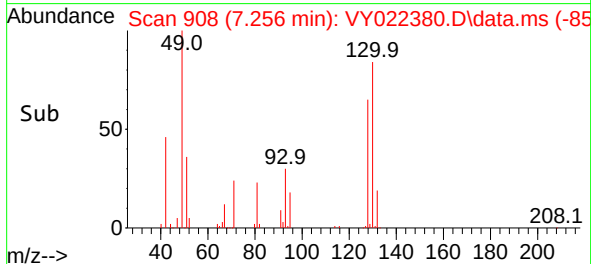
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 39078
Ion Ratio Lower Upper
41 100
39 42.8 39.1 58.7
67 67.6 47.1 70.7
52 28.7 21.4 32.0

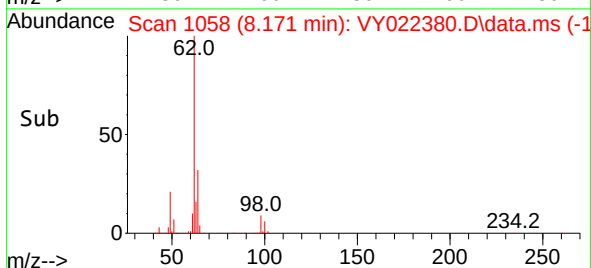
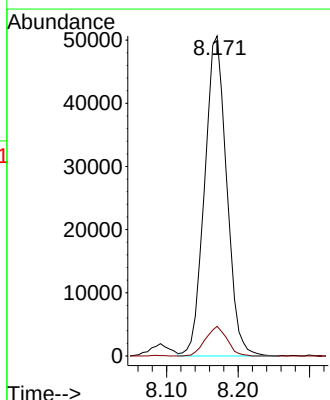
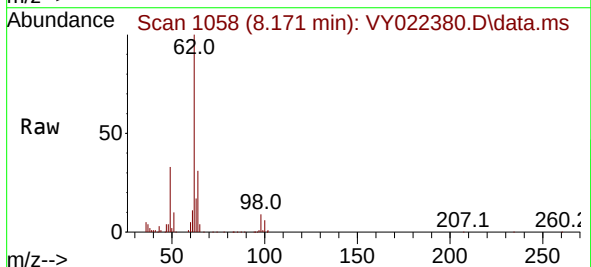
Manual Integrations
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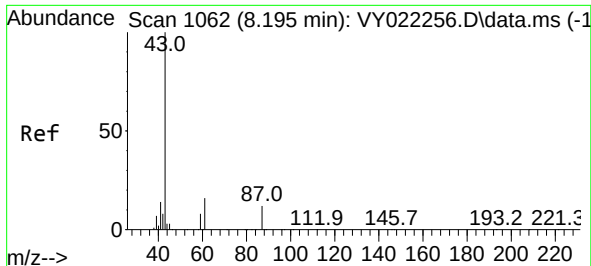
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#42
1,2-Dichloroethane
Concen: 50.267 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

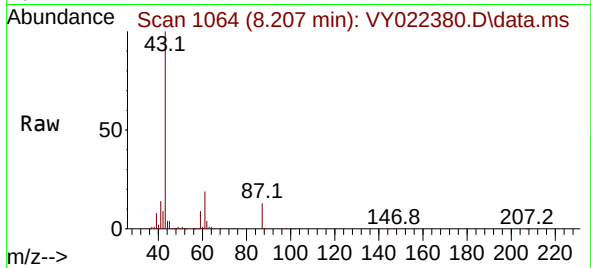
Tgt Ion: 62 Resp: 108617
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4





#43
Isopropyl Acetate
Concen: 45.395 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

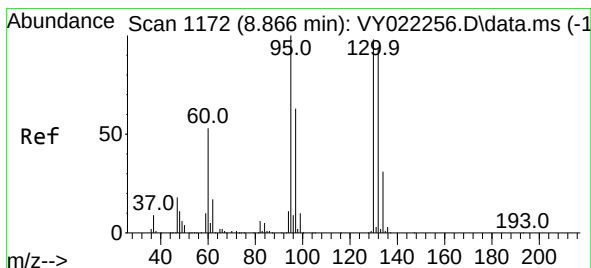
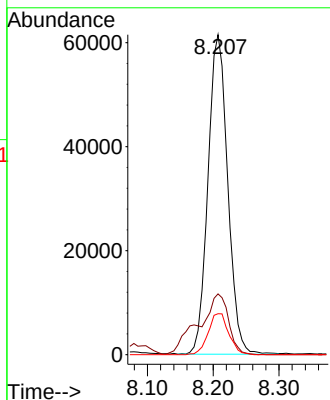
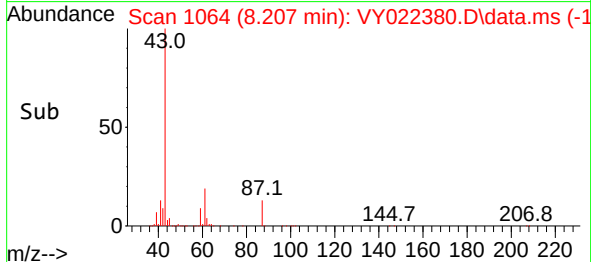
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



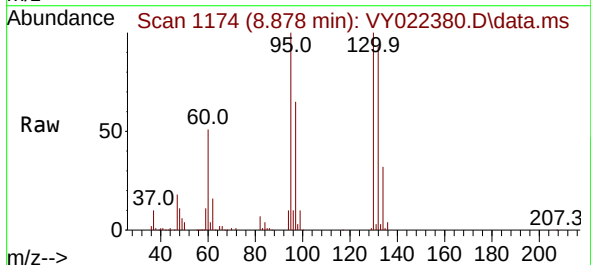
Tgt Ion: 43 Resp: 12839
Ion Ratio Lower Upper
43 100
61 28.8 15.1 22.7
87 13.4 9.7 14.5

Manual Integrations
APPROVED

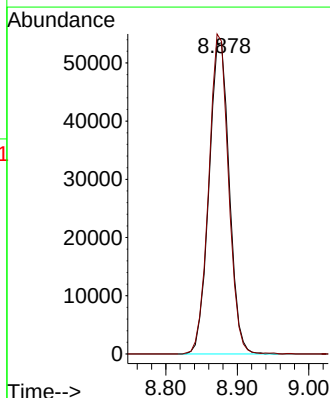
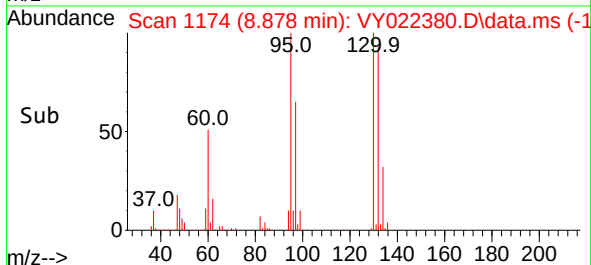
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

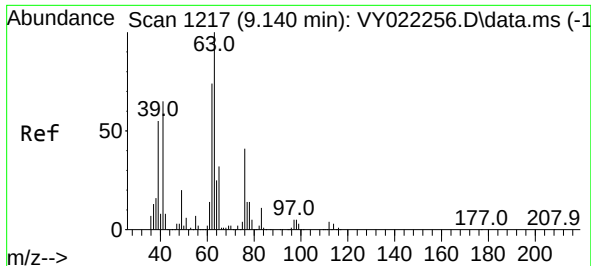


#44
Trichloroethene
Concen: 53.190 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



Tgt Ion:130 Resp: 105676
Ion Ratio Lower Upper
130 100
95 100.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 51.460 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9913

Ion Ratio Lower Upper

63 100

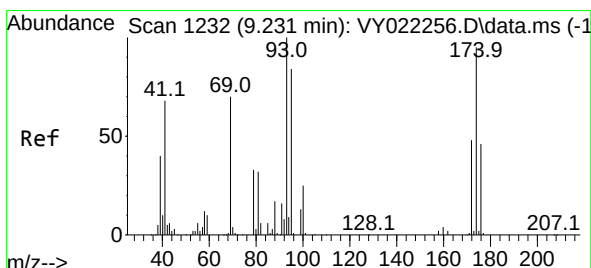
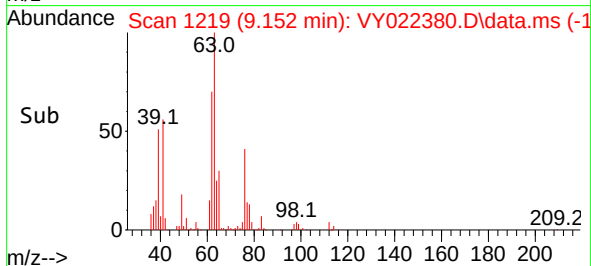
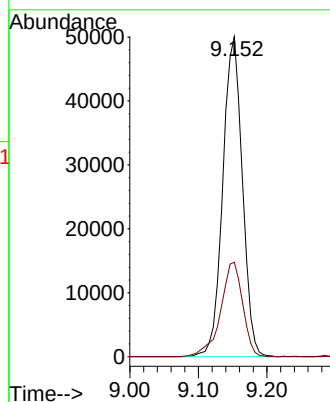
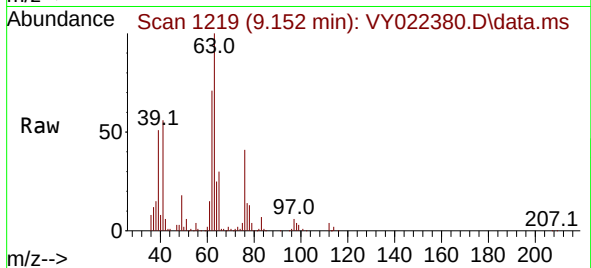
65 29.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#46

Dibromomethane

Concen: 51.917 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

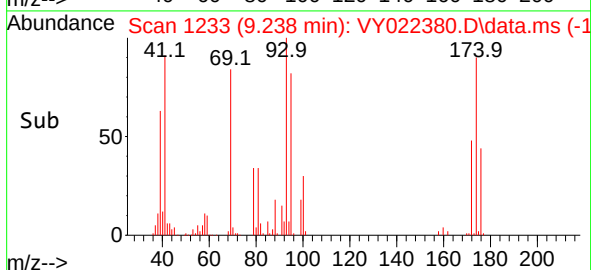
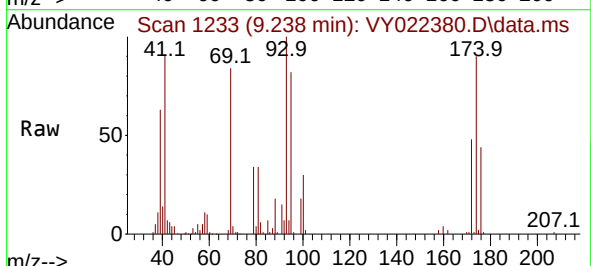
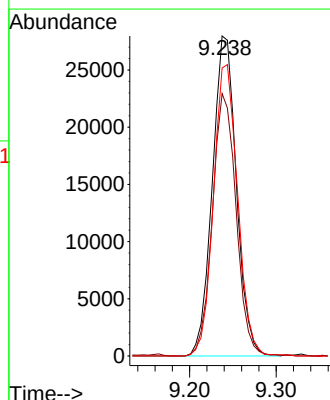
Tgt Ion: 93 Resp: 53943

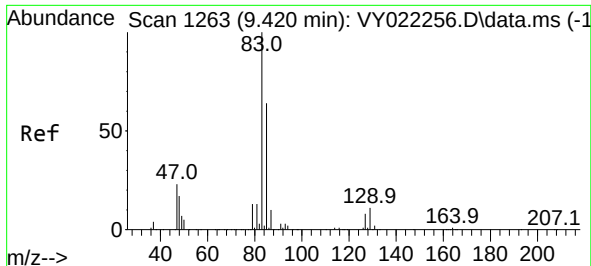
Ion Ratio Lower Upper

93 100

95 80.9 65.2 97.8

174 91.5 74.3 111.5





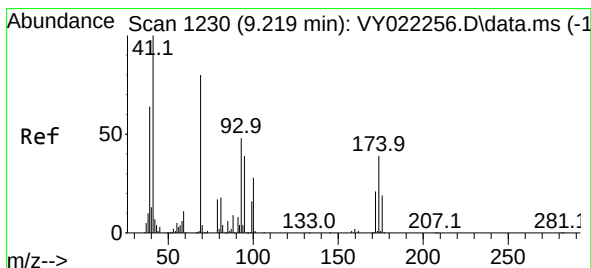
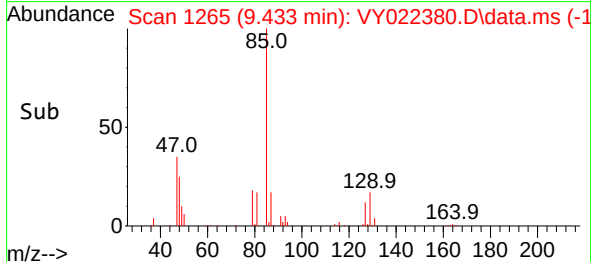
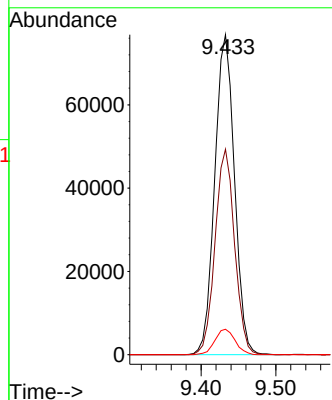
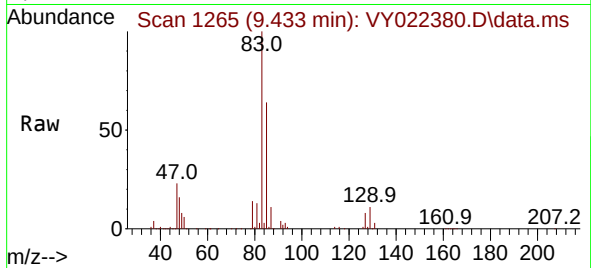
#47
Bromodichloromethane
Concen: 52.278 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 140915
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7
127 8.0 6.6 10.0

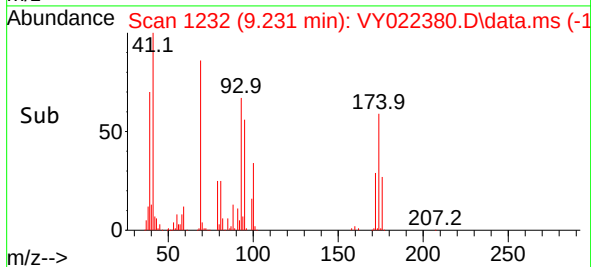
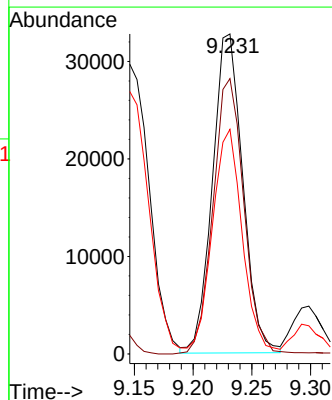
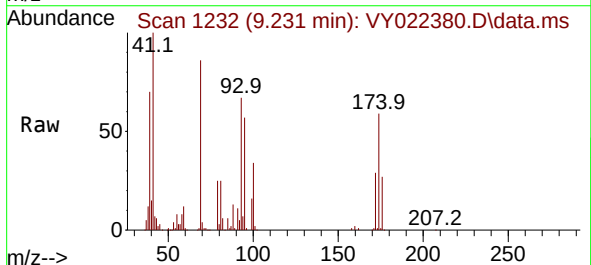
Manual Integrations
APPROVED

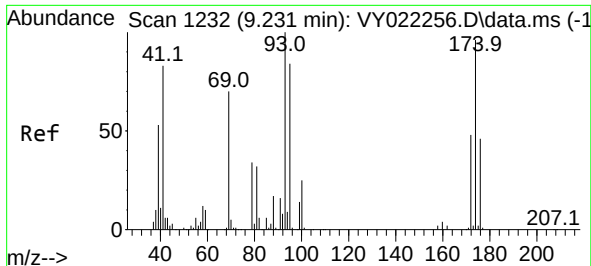
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#48
Methyl methacrylate
Concen: 44.496 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 41 Resp: 58854
Ion Ratio Lower Upper
41 100
69 87.6 63.5 95.3
39 66.6 50.8 76.2





#49

1,4-Dioxane

Concen: 994.901 ug/l

RT: 9.238 min Scan# 11678

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 11678

Ion Ratio Lower Upper

88 100

43 29.9 28.5 42.7

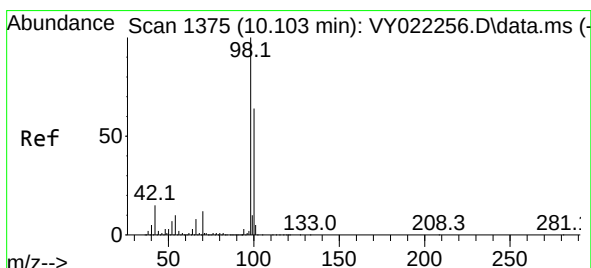
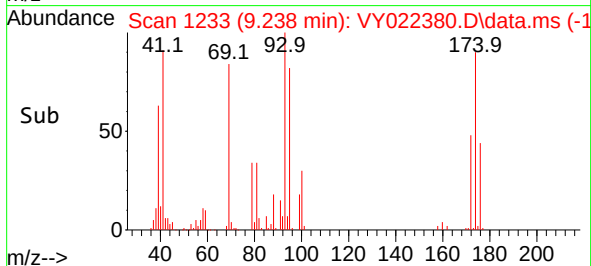
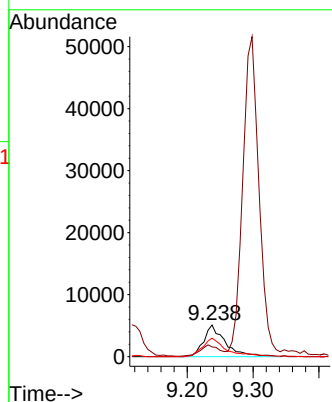
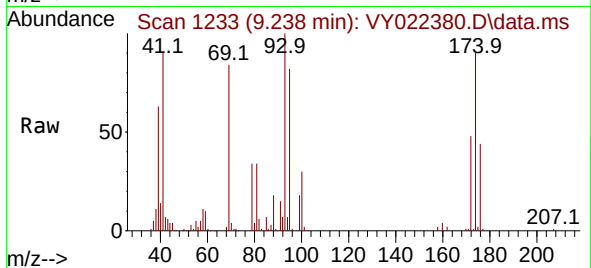
58 65.5 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#50

Toluene-d8

Concen: 53.110 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.012 min

Lab File: VY022380.D

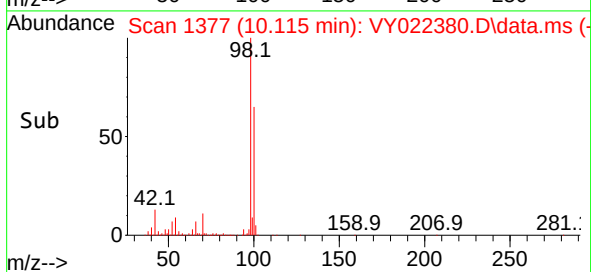
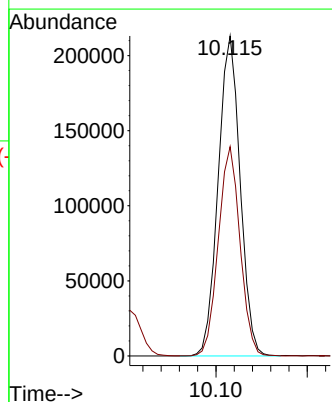
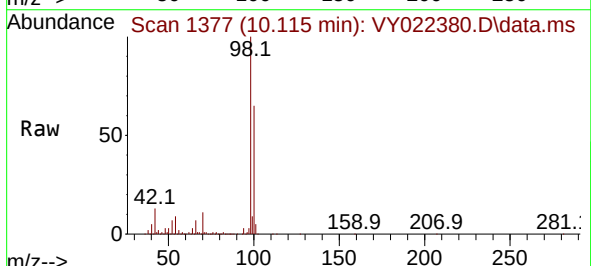
Acq: 22 May 2025 08:35

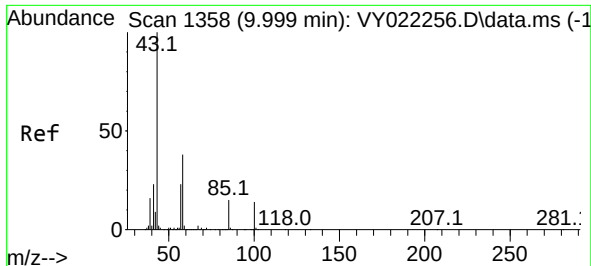
Tgt Ion: 98 Resp: 355941

Ion Ratio Lower Upper

98 100

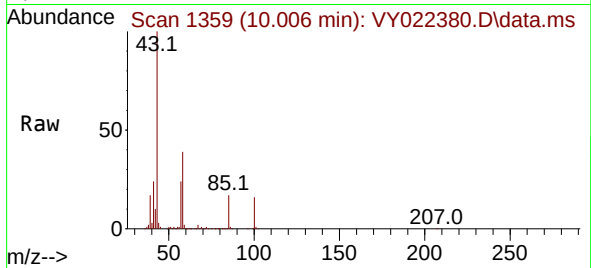
100 64.5 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 227.107 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

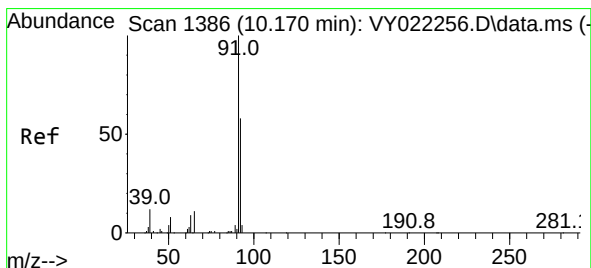
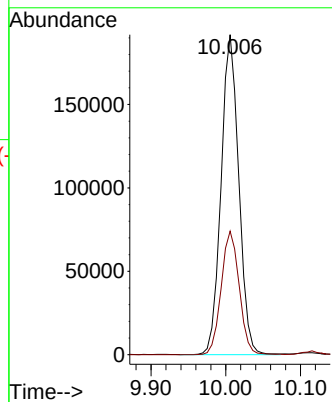
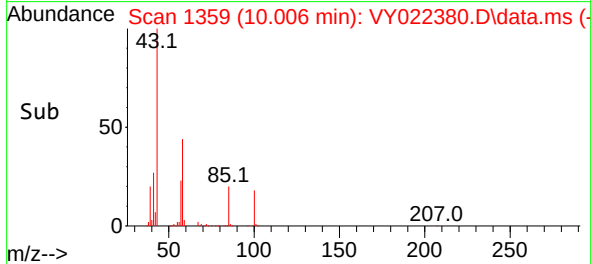
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



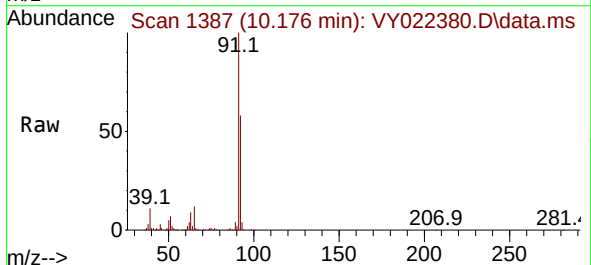
Tgt Ion: 43 Resp: 31517
Ion Ratio Lower Upper
43 100
58 39.3 29.4 44.2

Manual Integrations
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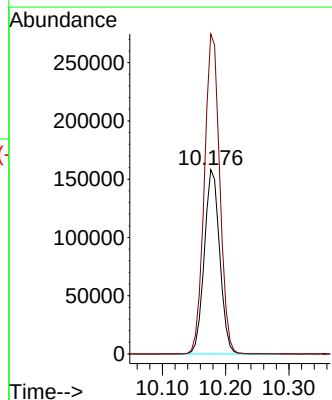
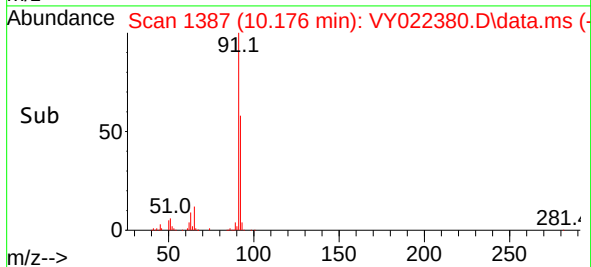
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

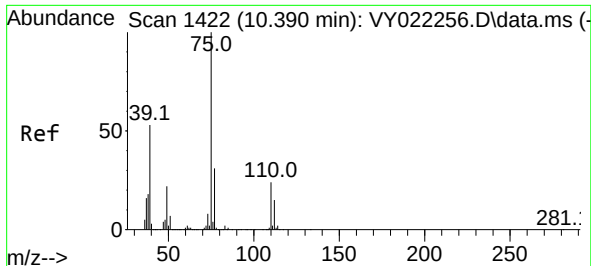


#52
Toluene
Concen: 53.002 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



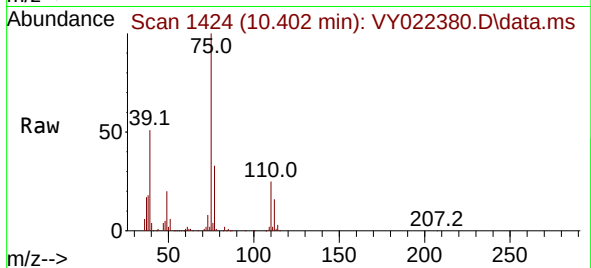
Tgt Ion: 92 Resp: 268178
Ion Ratio Lower Upper
92 100
91 173.5 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 49.816 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

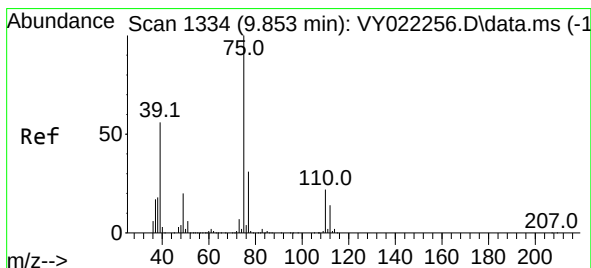
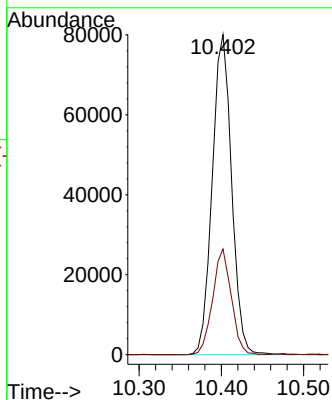
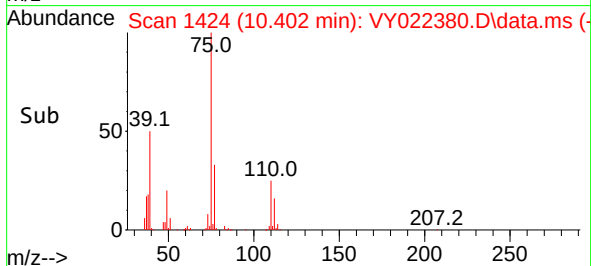
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



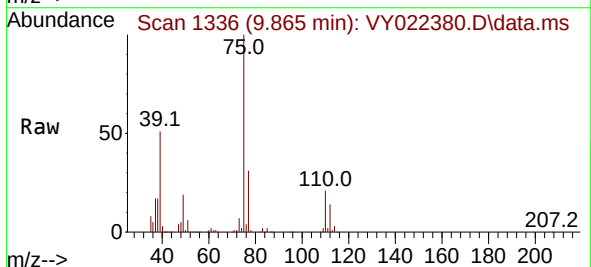
Tgt Ion: 75 Resp: 13104
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.6

Manual Integrations
APPROVED

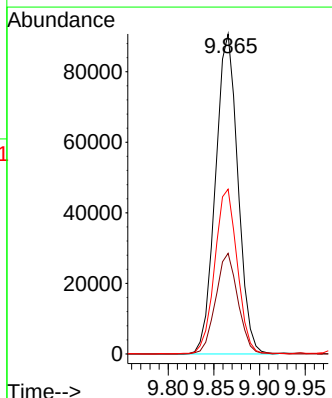
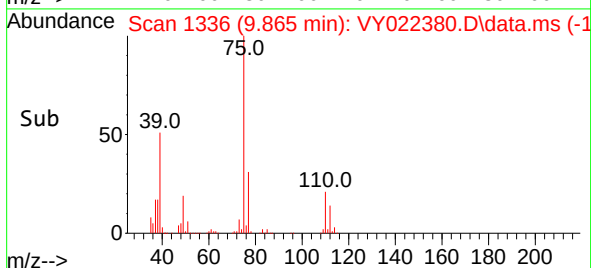
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

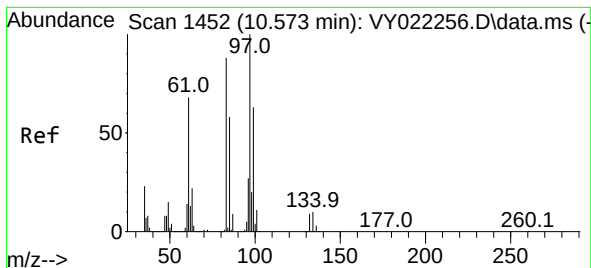


#54
cis-1,3-Dichloropropene
Concen: 51.367 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



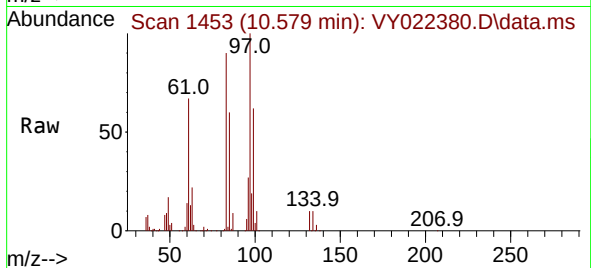
Tgt Ion: 75 Resp: 154811
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 51.4 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 50.711 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

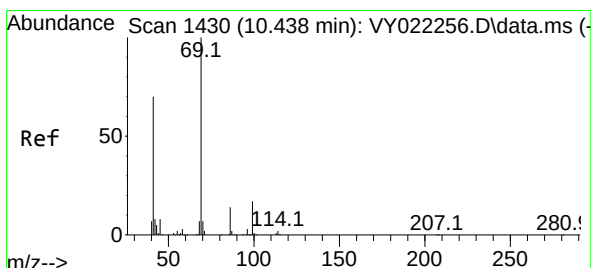
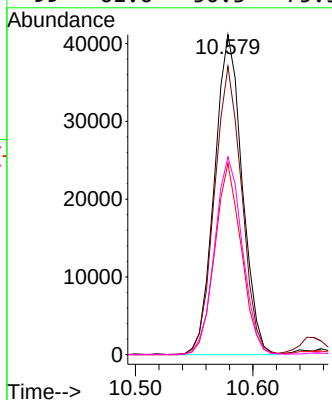
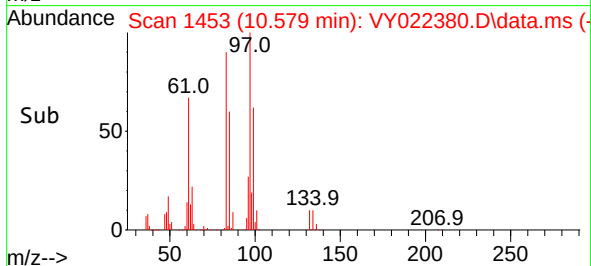
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



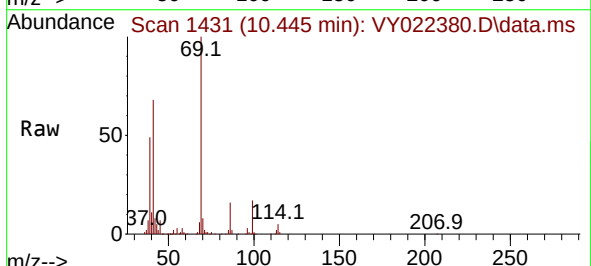
Tgt Ion: 97 Resp: 6747
Ion Ratio Lower Upper
97 100
83 89.9 70.3 105.5
85 59.8 46.2 69.4
99 61.6 50.3 75.5

Manual Integrations
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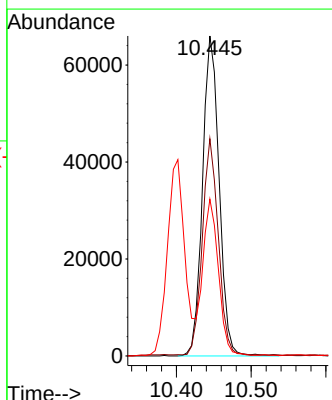
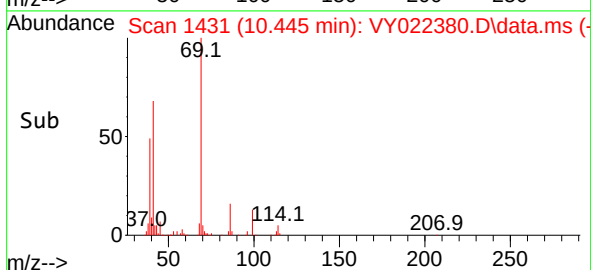
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

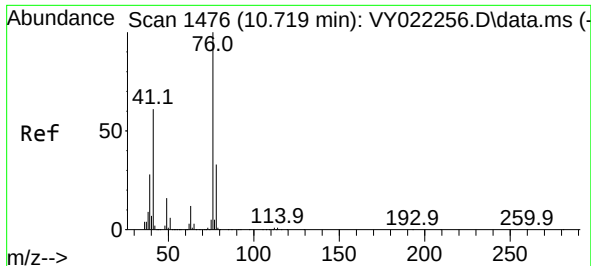


#56
Ethyl methacrylate
Concen: 49.163 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



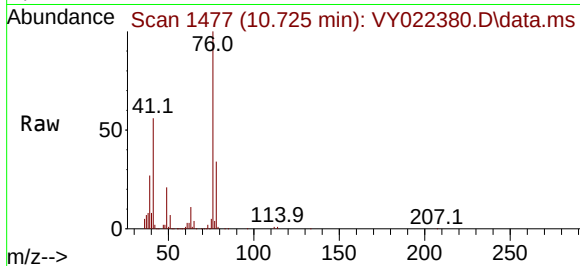
Tgt Ion: 69 Resp: 101892
Ion Ratio Lower Upper
69 100
41 64.9 56.5 84.7
39 45.1 37.1 55.7





#57
1,3-Dichloropropane
Concen: 51.386 ug/l
RT: 10.725 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

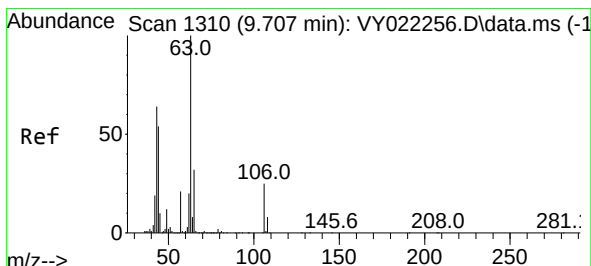
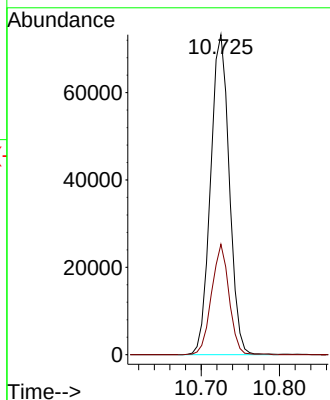
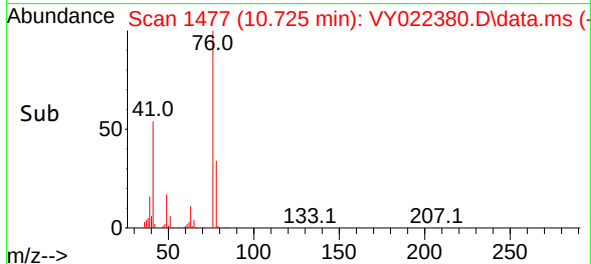
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



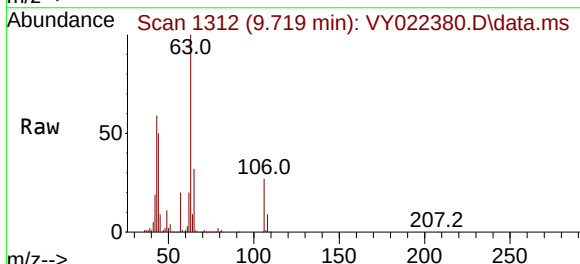
Tgt Ion: 76 Resp: 121474
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

Manual Integrations
APPROVED

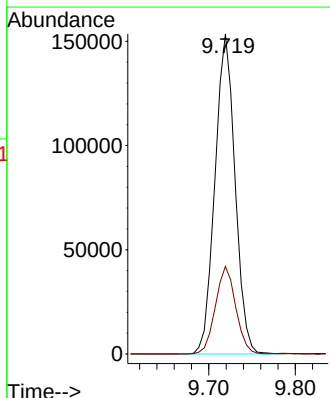
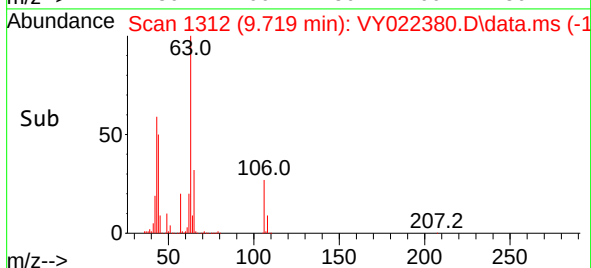
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

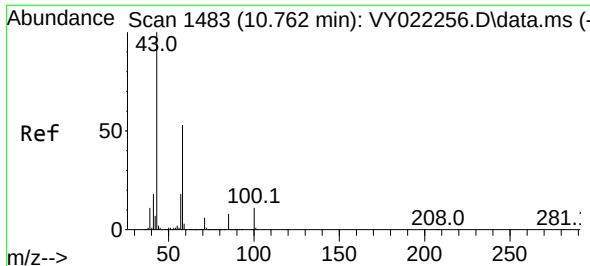


#58
2-Chloroethyl Vinyl ether
Concen: 265.693 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



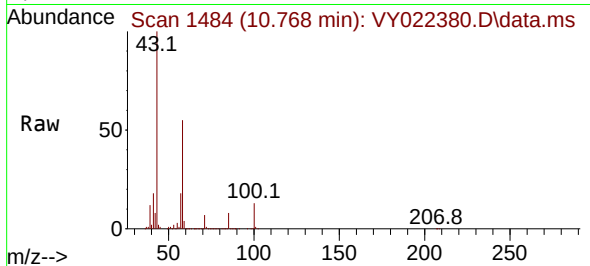
Tgt Ion: 63 Resp: 247160
Ion Ratio Lower Upper
63 100
106 27.6 21.0 31.4





#59
2-Hexanone
Concen: 222.384 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

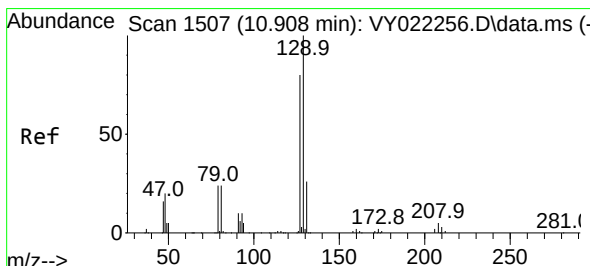
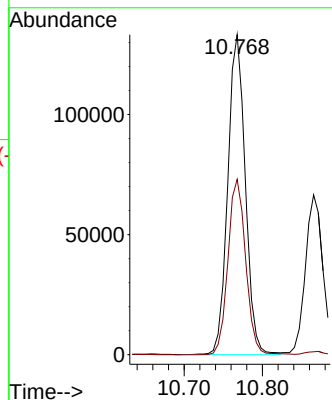
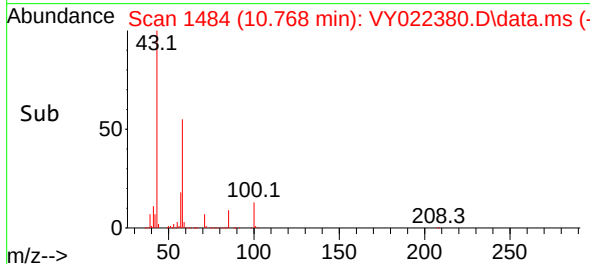
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 206922
Ion Ratio Lower Upper
43 100
58 55.5 26.1 78.3

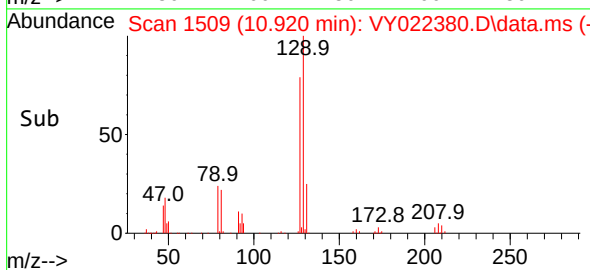
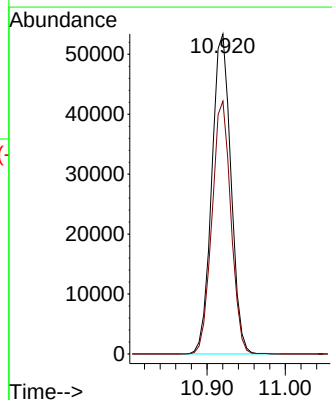
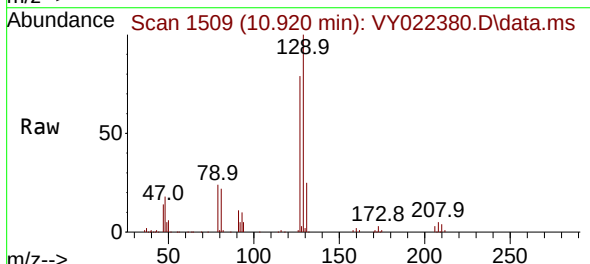
Manual Integrations
APPROVED

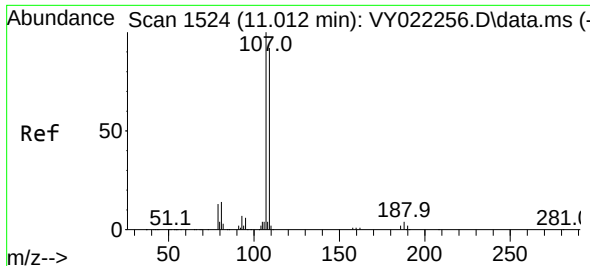
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#60
Dibromochloromethane
Concen: 52.423 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

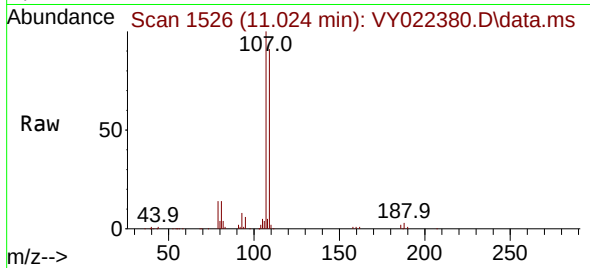
Tgt Ion:129 Resp: 90531
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 52.166 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

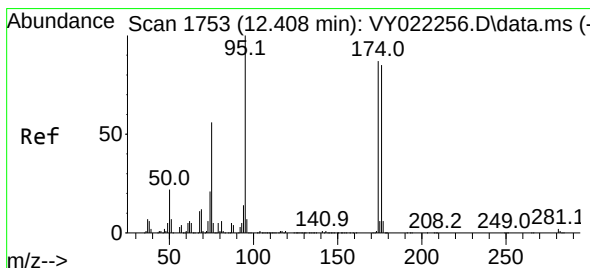
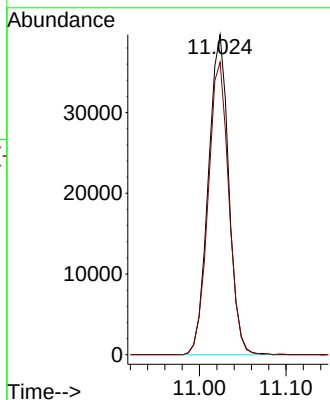
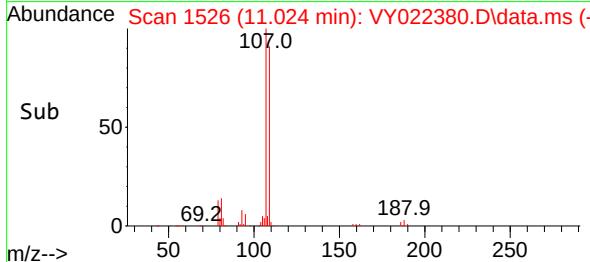
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 64690
Ion Ratio Lower Upper
107 100
109 92.8 74.6 111.8

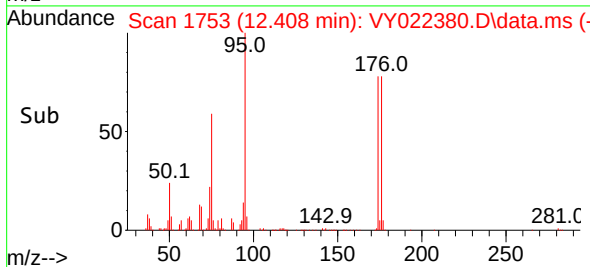
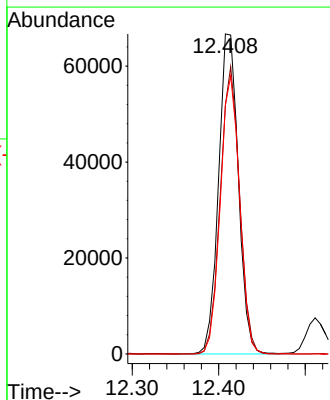
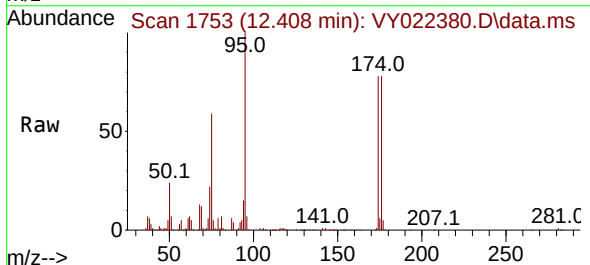
Manual Integrations
APPROVED

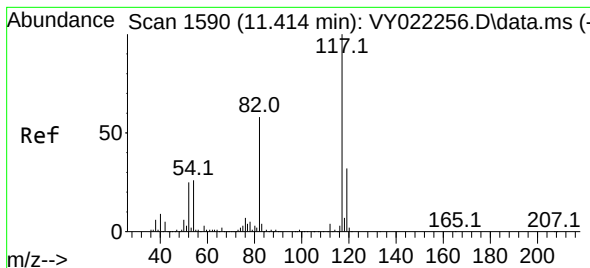
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#62
4-Bromofluorobenzene
Concen: 49.898 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 95 Resp: 105997
Ion Ratio Lower Upper
95 100
174 87.3 0.0 166.8
176 84.6 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 235238

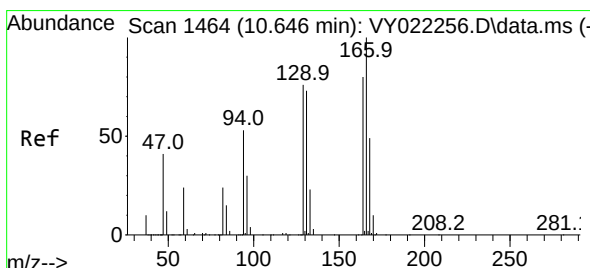
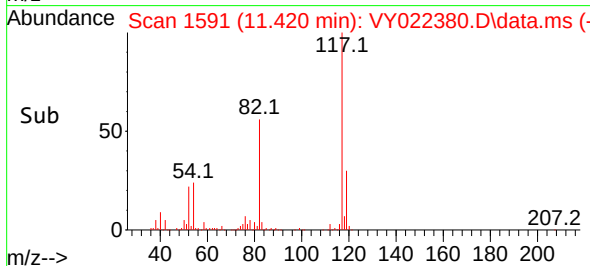
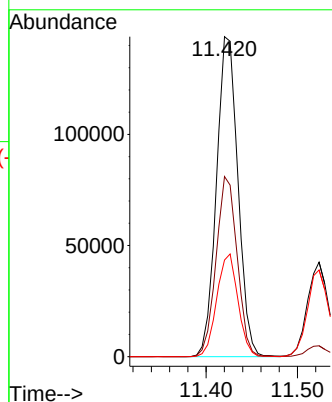
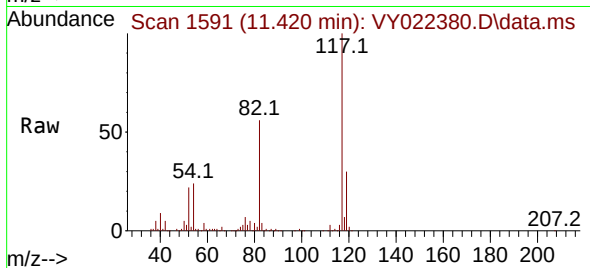
Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.6	70.0
119	30.2	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#64

Tetrachloroethene

Concen: 54.305 ug/l

RT: 10.652 min Scan# 1465

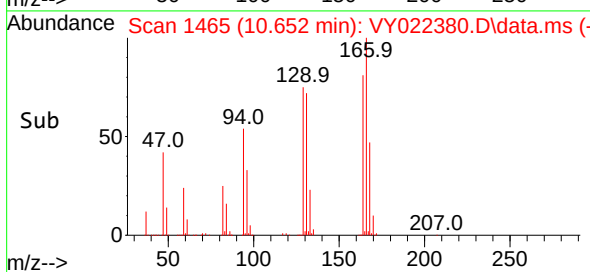
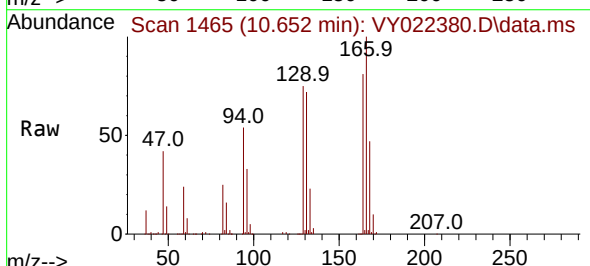
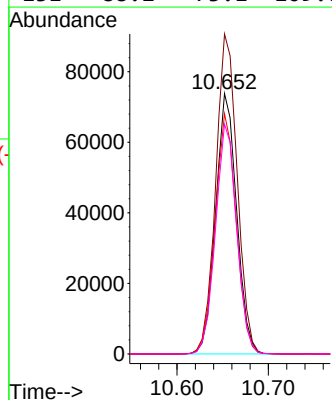
Delta R.T. 0.006 min

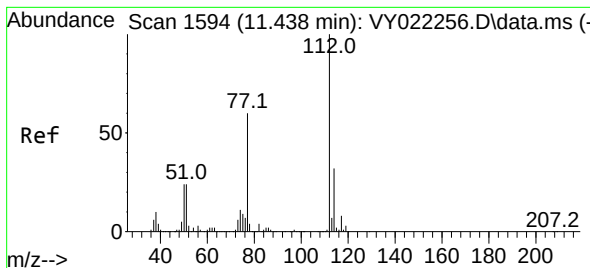
Lab File: VY022380.D

Acq: 22 May 2025 08:35

Tgt Ion:164 Resp: 118077

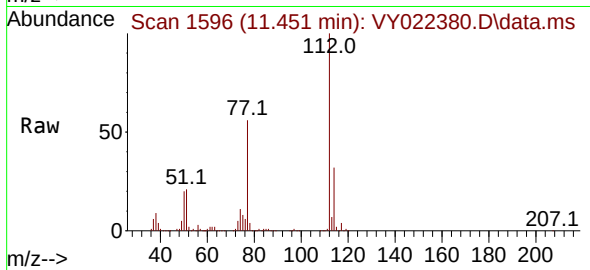
Ion	Ratio	Lower	Upper
164	100		
166	122.8	100.4	150.6
129	92.2	76.4	114.6
131	88.2	73.1	109.7





#65
Chlorobenzene
Concen: 52.931 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

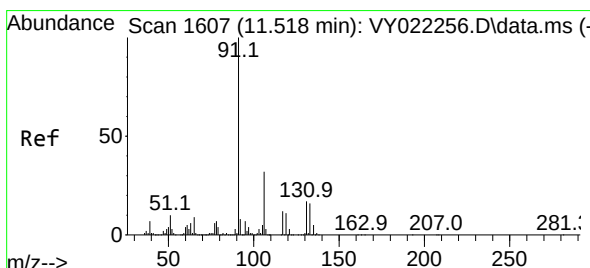
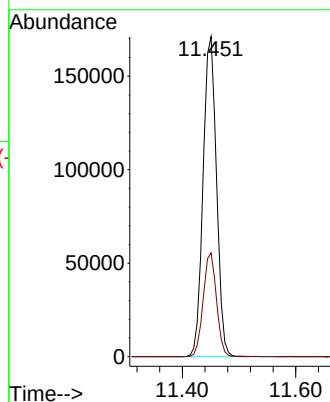
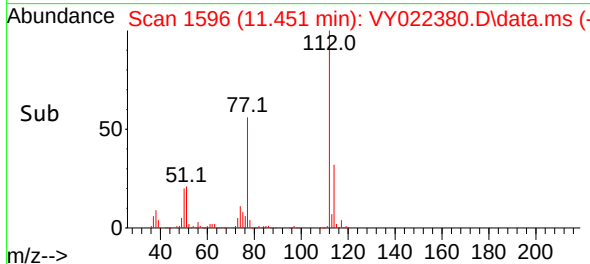
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 28091
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

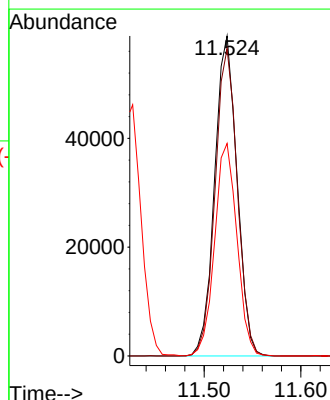
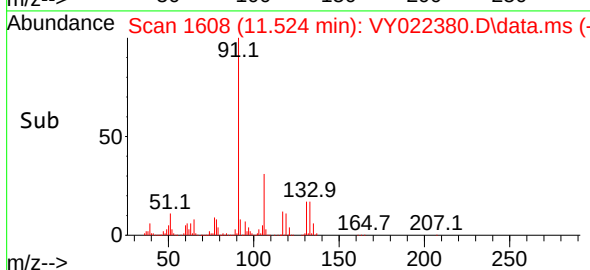
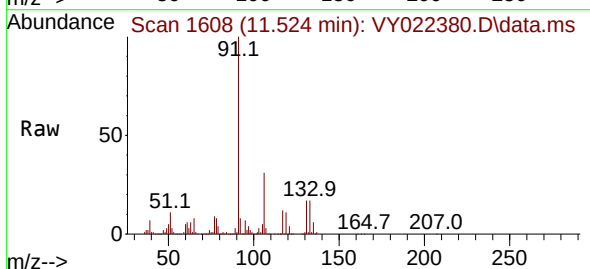
Manual Integrations
APPROVED

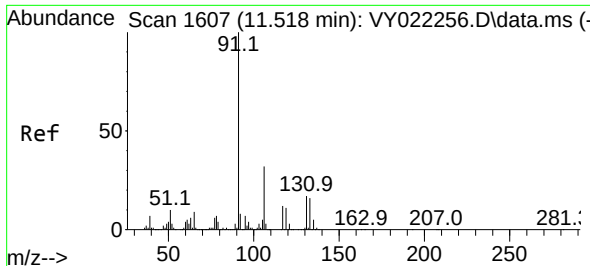
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.774 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion:131 Resp: 94462
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 66.4 33.1 99.2





#67

Ethyl Benzene

Concen: 52.876 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 525554

Ion Ratio Lower Upper

91 100

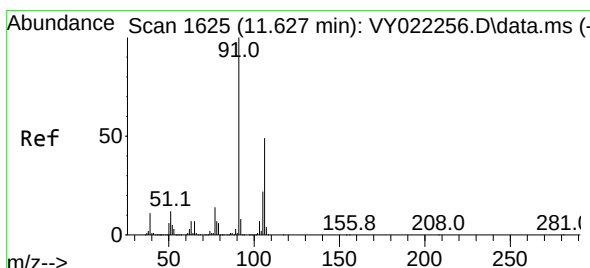
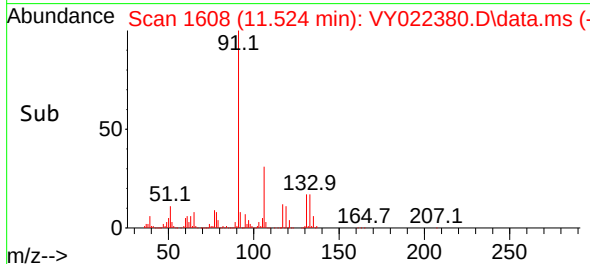
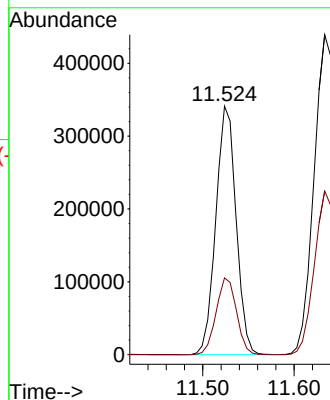
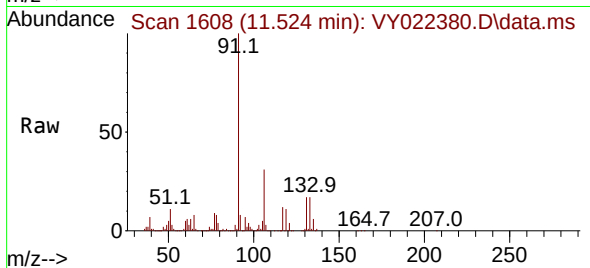
106 30.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#68

m/p-Xylenes

Concen: 106.617 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022380.D

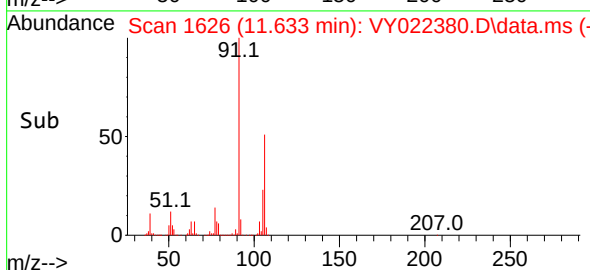
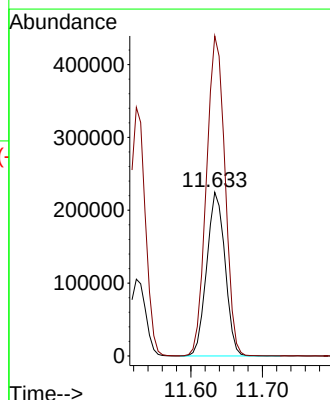
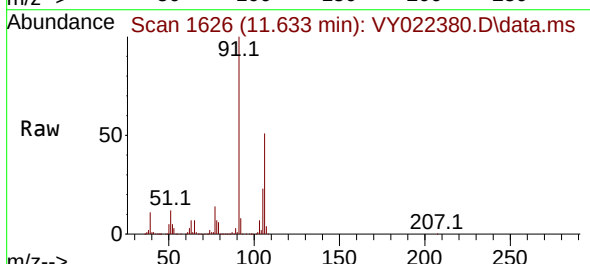
Acq: 22 May 2025 08:35

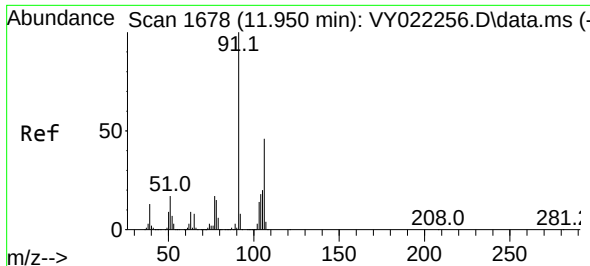
Tgt Ion:106 Resp: 399310

Ion Ratio Lower Upper

106 100

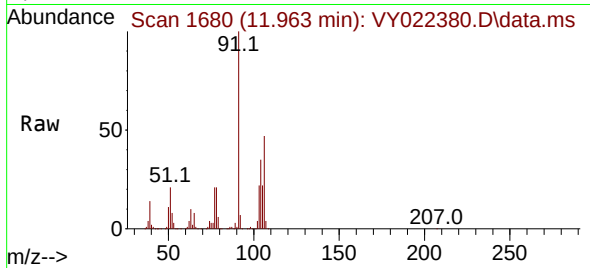
91 198.2 163.0 244.4





#69
o-Xylene
Concen: 52.518 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

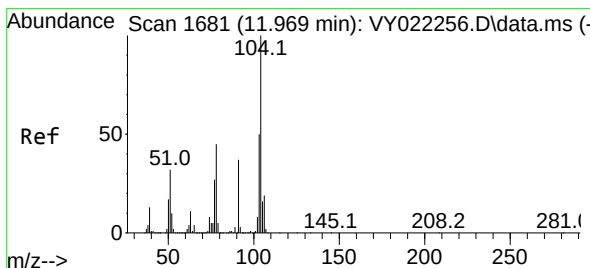
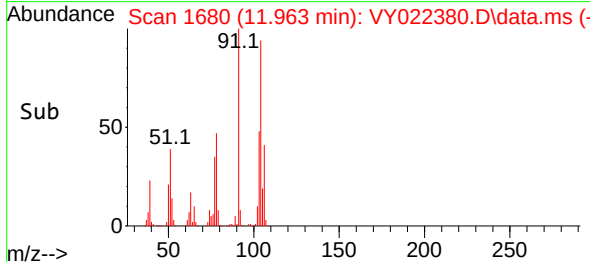
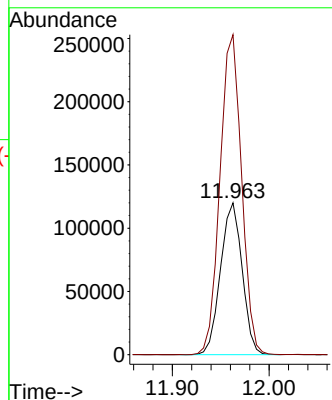
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 186099
Ion Ratio Lower Upper
106 100
91 210.9 108.3 324.8

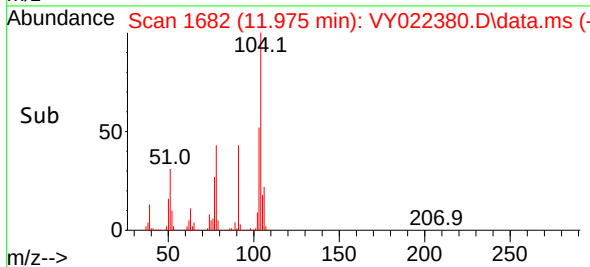
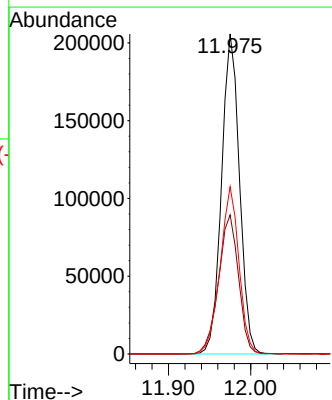
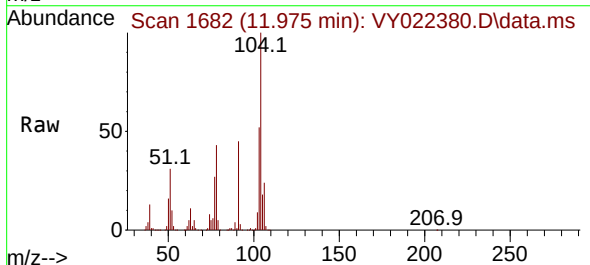
Manual Integrations
APPROVED

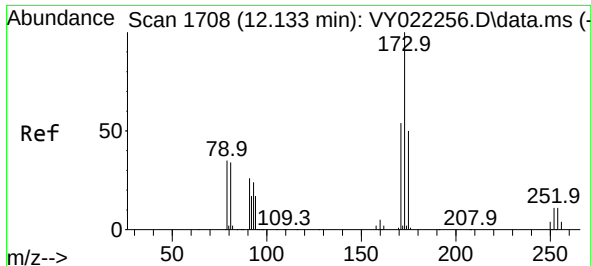
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#70
Styrene
Concen: 52.163 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

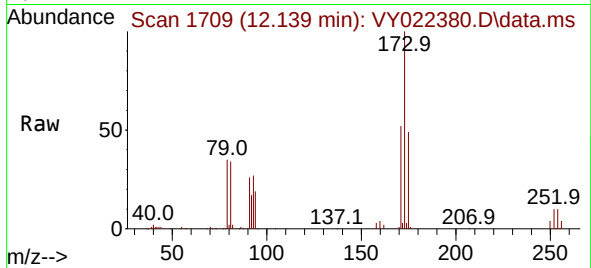
Tgt Ion:104 Resp: 311800
Ion Ratio Lower Upper
104 100
78 48.4 40.9 61.3
103 55.0 43.7 65.5





#71
Bromoform
Concen: 50.521 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

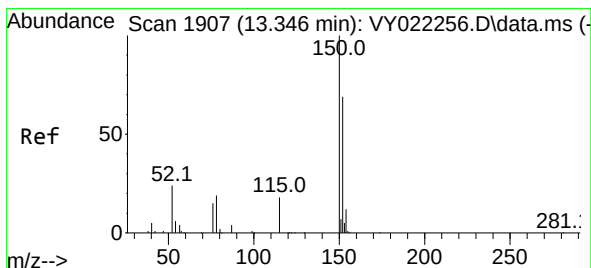
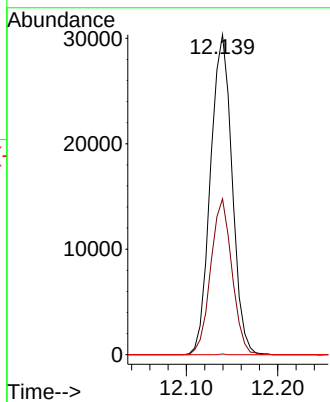
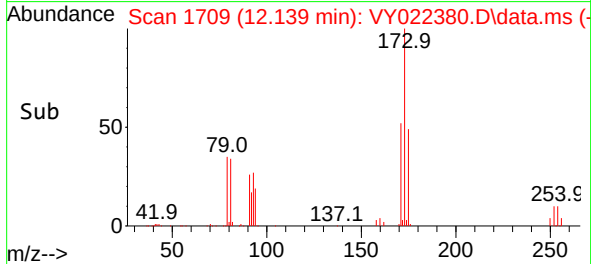
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4975
Ion Ratio Lower Upper
173 100
175 47.9 24.7 74.1
254 0.1 0.0 0.0

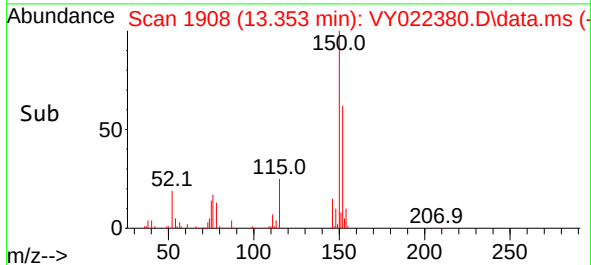
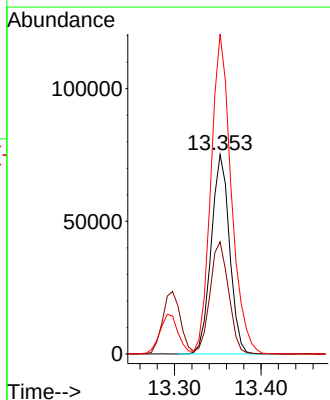
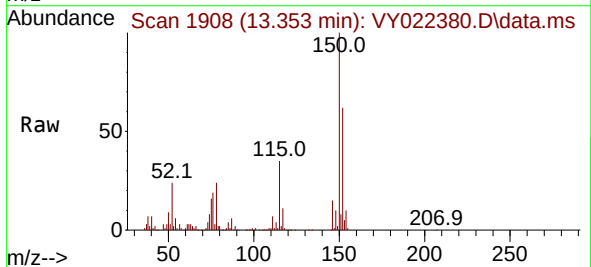
Manual Integrations
APPROVED

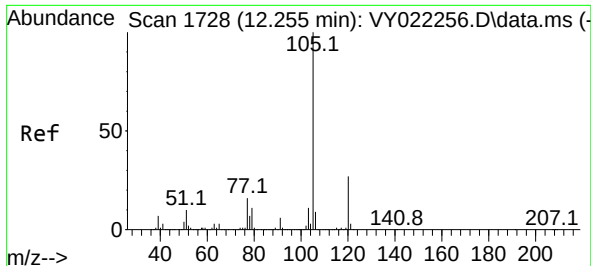
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion:152 Resp: 110586
Ion Ratio Lower Upper
152 100
115 57.1 29.4 88.2
150 177.7 0.0 353.8





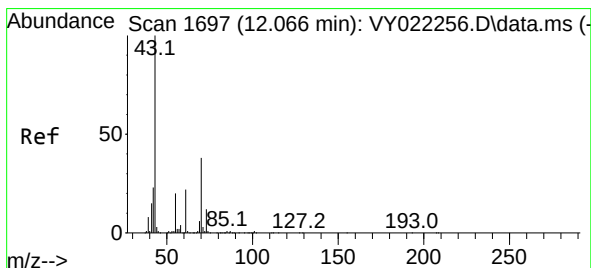
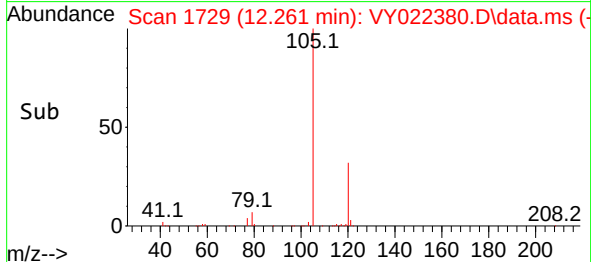
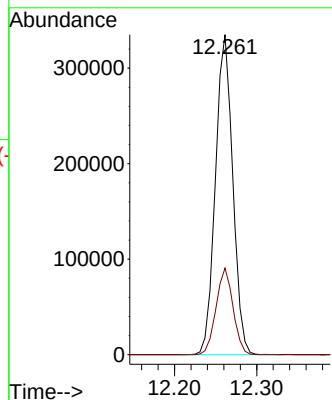
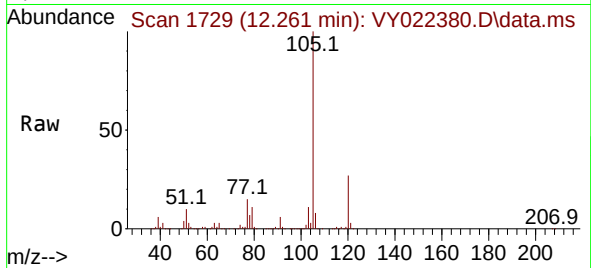
#73
Isopropylbenzene
Concen: 53.502 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 490162
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

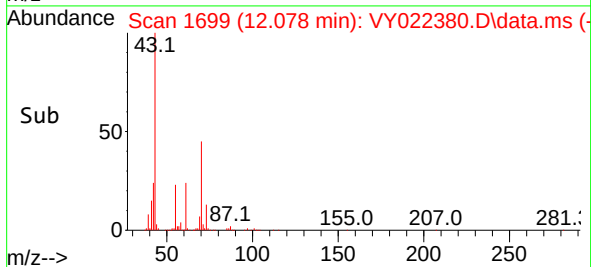
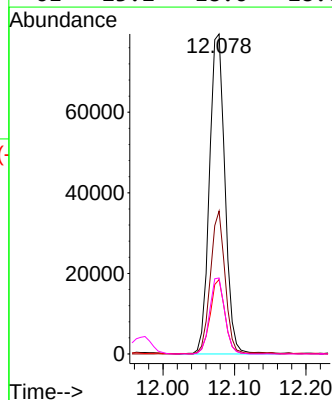
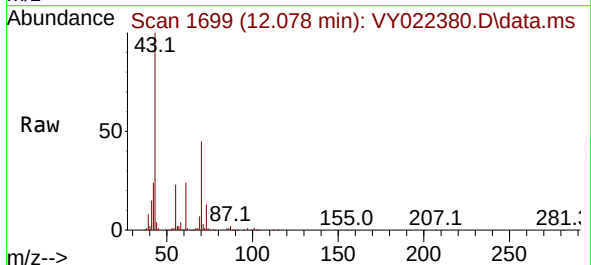
Manual Integrations
APPROVED

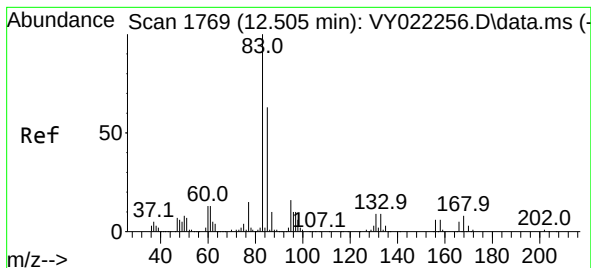
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#74
N-ethyl acetate
Concen: 45.682 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion: 43 Resp: 119696
Ion Ratio Lower Upper
43 100
70 42.2 31.4 47.0
55 22.3 17.0 25.6
61 23.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.561 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

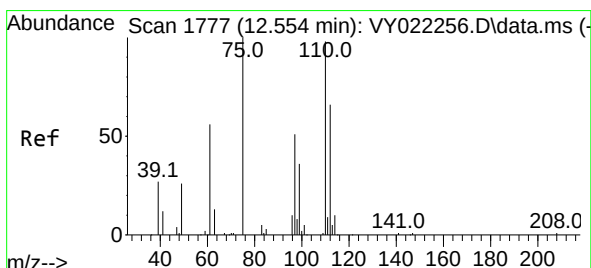
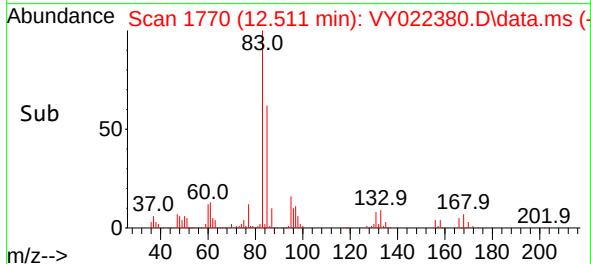
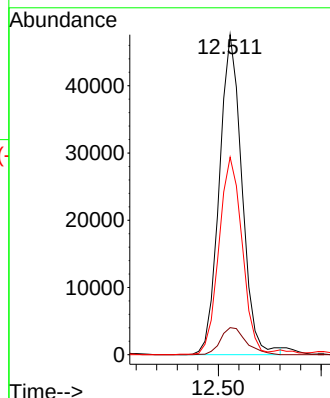
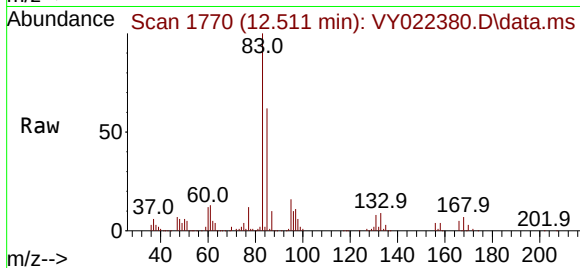
Tgt Ion:	83	Resp:	7264
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	63.4	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#76

1,2,3-Trichloropropane

Concen: 49.223 ug/l m

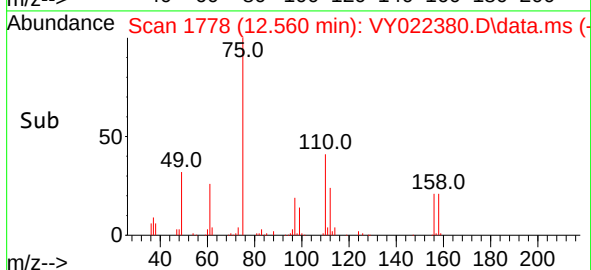
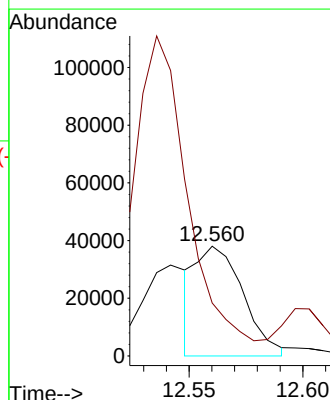
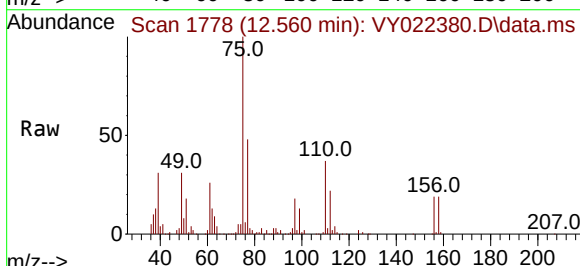
RT: 12.560 min Scan# 1778

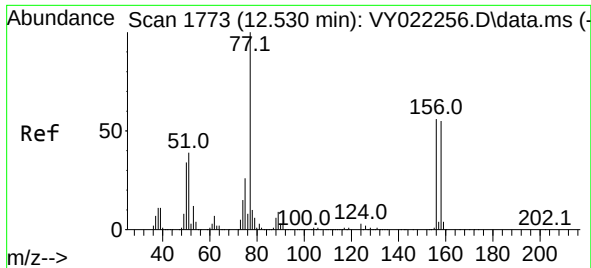
Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

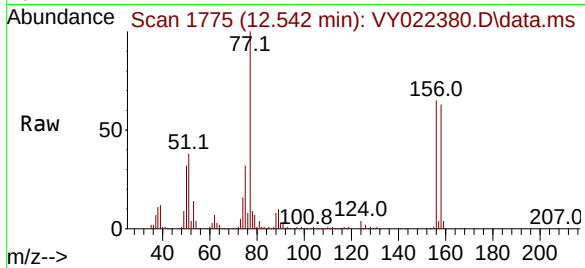
Tgt Ion:	75	Resp:	55147
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 52.574 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

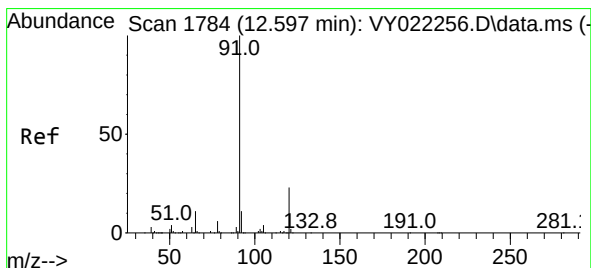
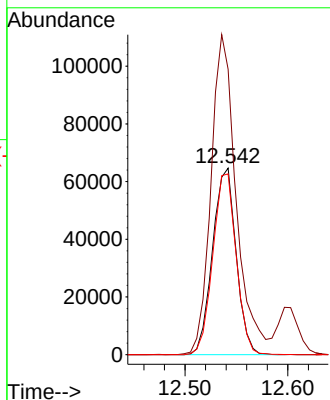
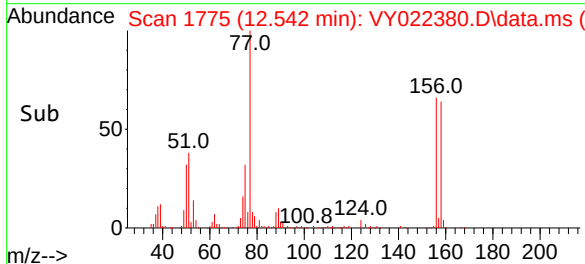
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



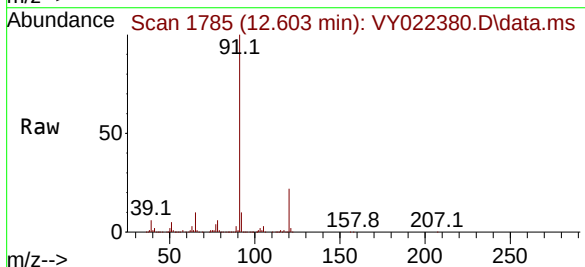
Tgt Ion:156 Resp: 102872
Ion Ratio Lower Upper
156 100
77 183.0 94.5 283.6
158 96.4 48.4 145.3

Manual Integrations
APPROVED

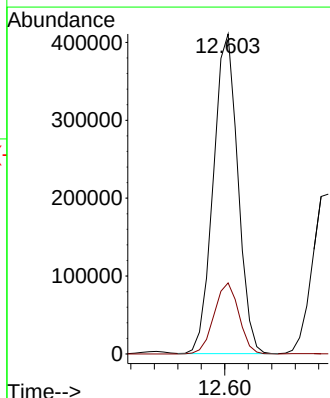
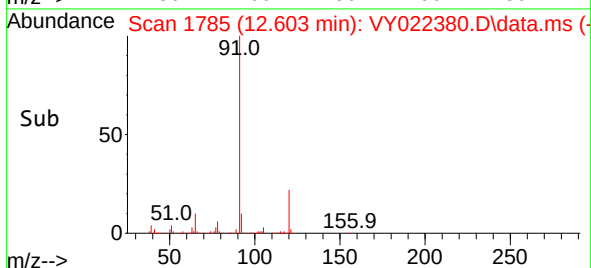
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

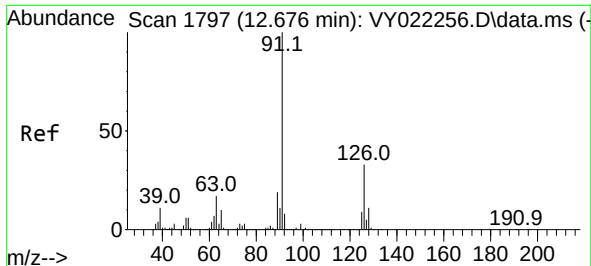


#78
n-propylbenzene
Concen: 53.885 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



Tgt Ion: 91 Resp: 595455
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3





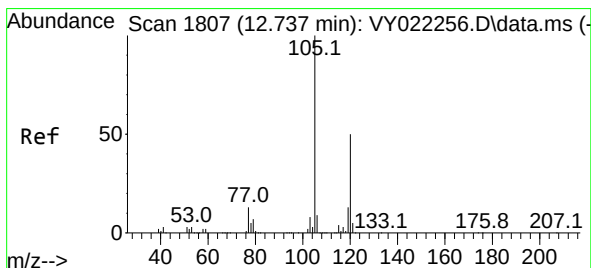
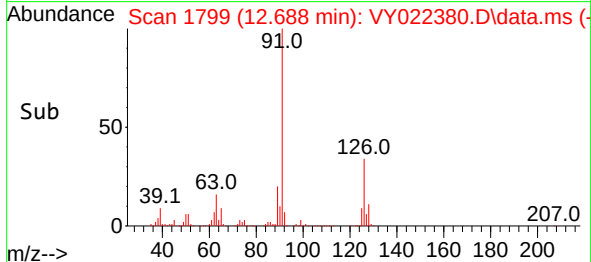
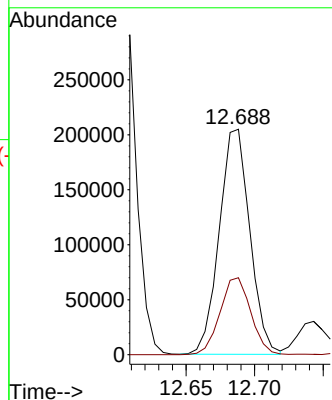
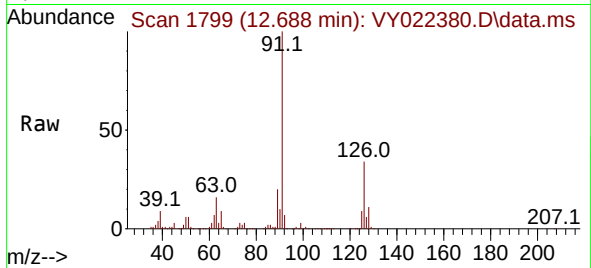
#79
2-Chlorotoluene
Concen: 52.461 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 318579
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4

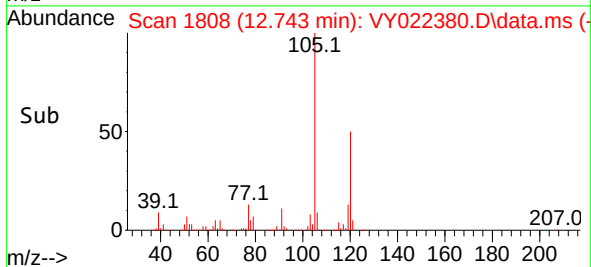
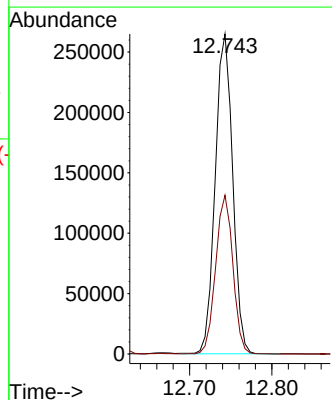
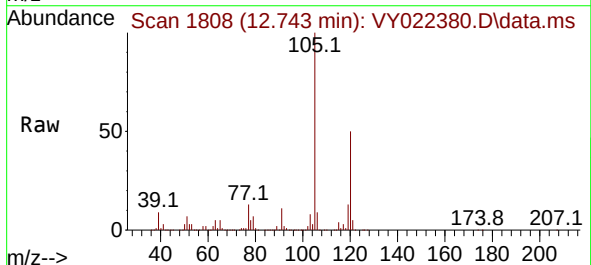
Manual Integrations
APPROVED

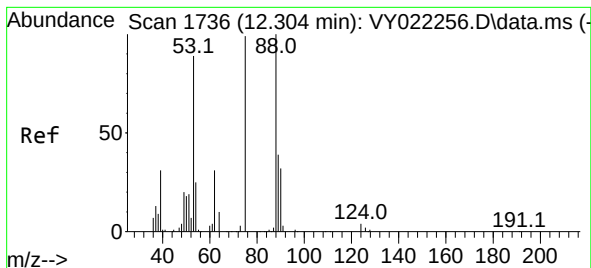
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.837 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Tgt Ion:105 Resp: 390755
Ion Ratio Lower Upper
105 100
120 49.1 24.2 72.6





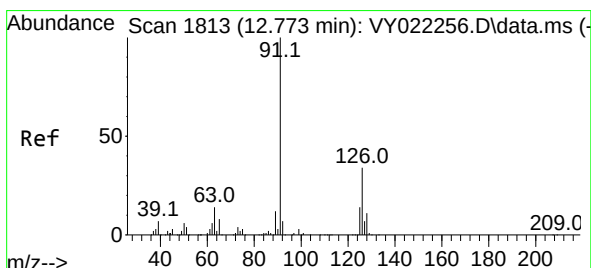
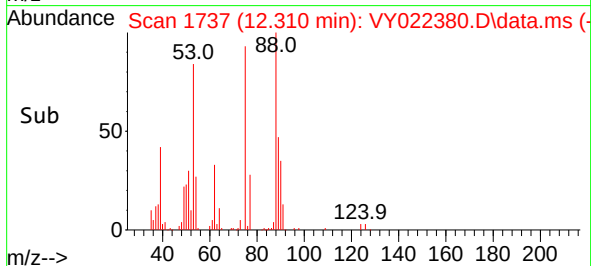
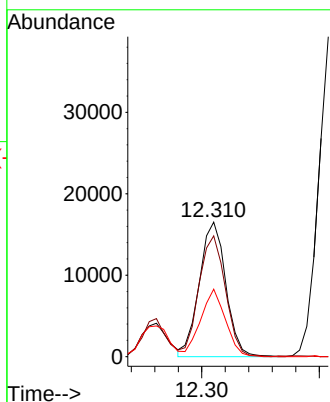
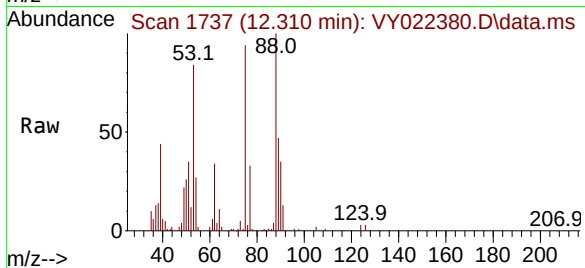
#81
trans-1,4-Dichloro-2-butene
Concen: 46.827 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 25898
Ion Ratio Lower Upper
75 100
53 90.0 75.8 113.8
89 46.4 36.2 54.2

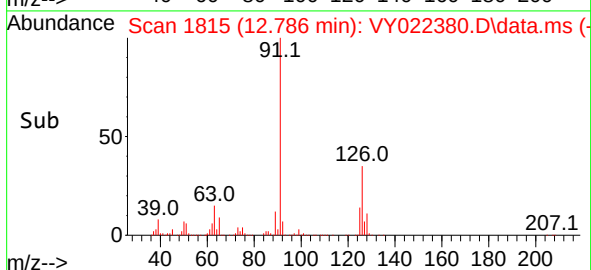
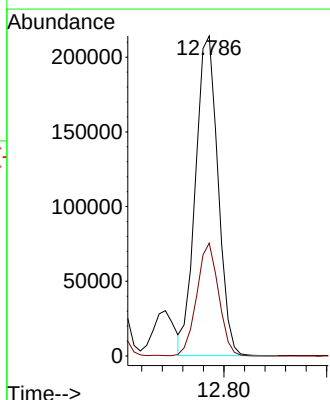
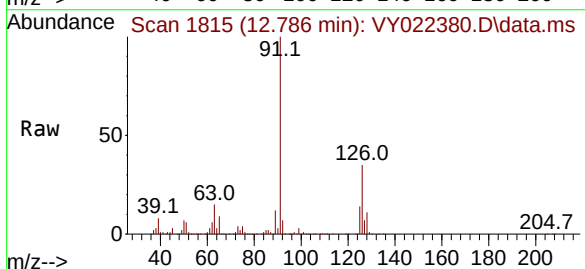
Manual Integrations
APPROVED

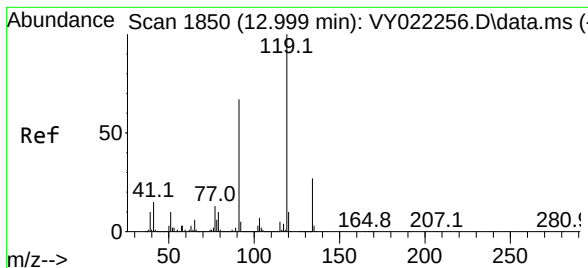
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#82
4-Chlorotoluene
Concen: 52.070 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.012 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

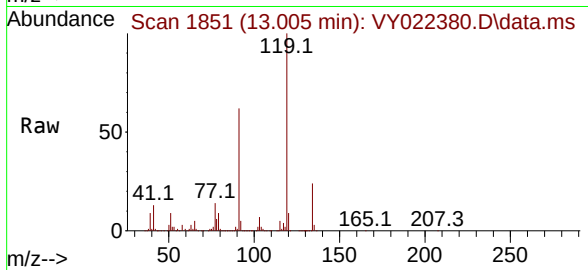
Tgt Ion: 91 Resp: 325243
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4





#83
 tert-Butylbenzene
 Concen: 53.844 ug/l
 RT: 13.005 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35

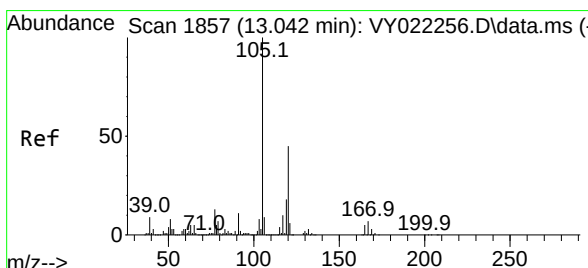
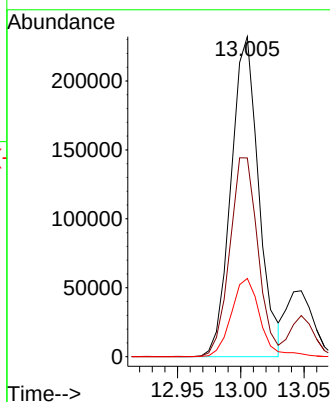
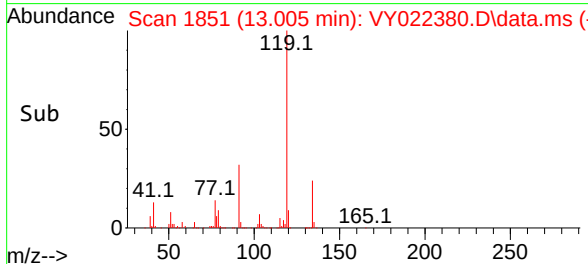
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



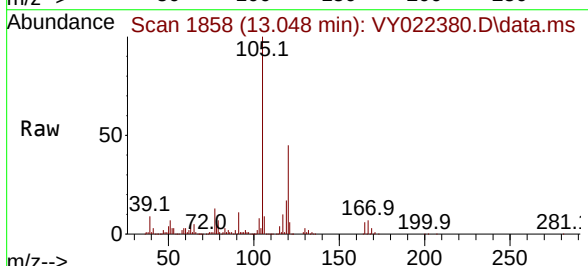
Tgt Ion:119 Resp: 353920
 Ion Ratio Lower Upper
 119 100
 91 63.2 32.8 98.3
 134 25.5 12.9 38.6

Manual Integrations
 APPROVED

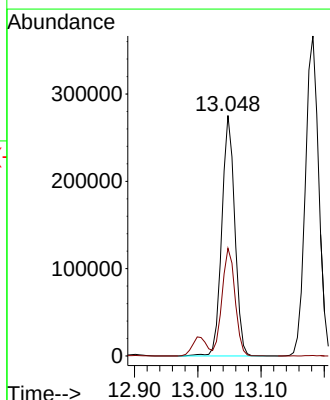
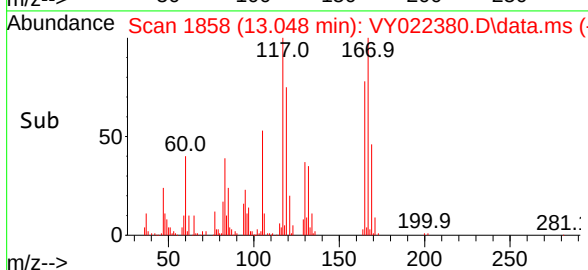
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

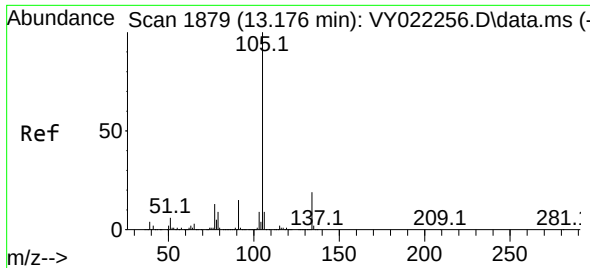


#84
 1,2,4-Trimethylbenzene
 Concen: 53.109 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35



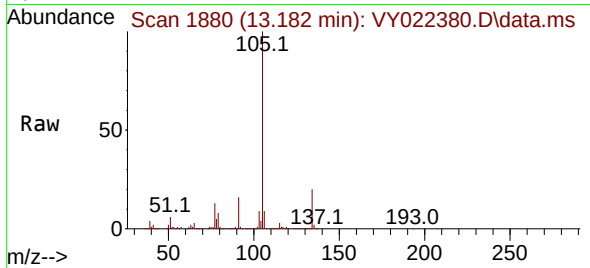
Tgt Ion:105 Resp: 389894
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 54.800 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35

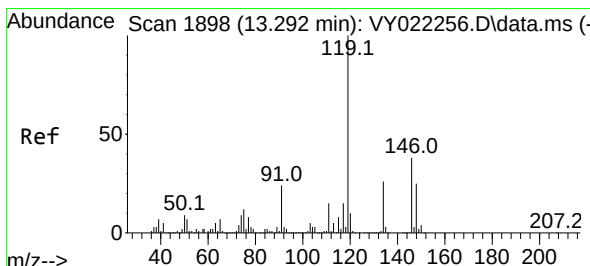
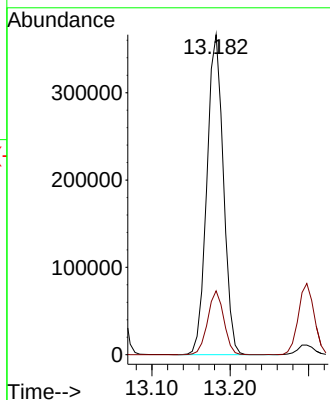
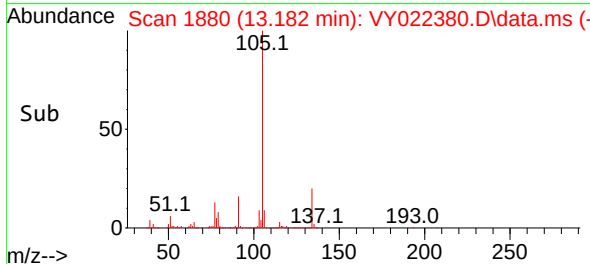
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



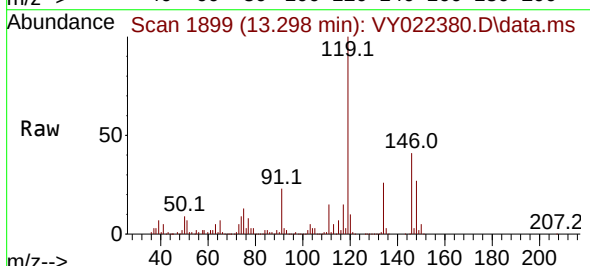
Tgt Ion:105 Resp: 53470
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5

Manual Integrations
 APPROVED

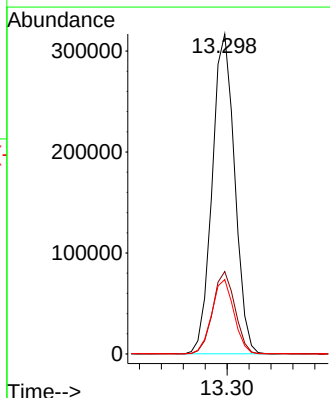
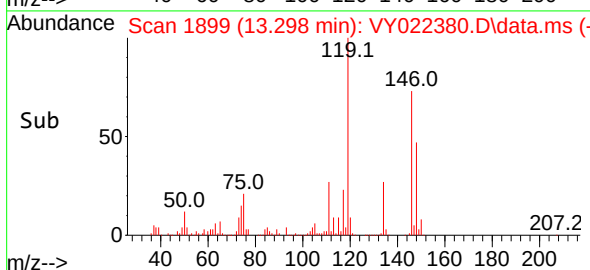
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

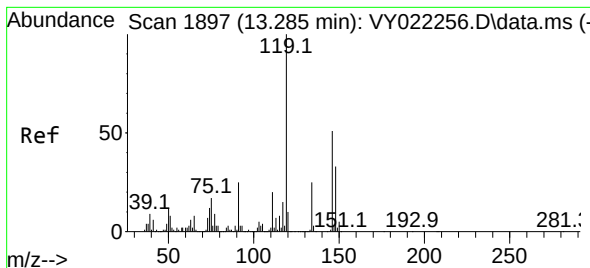


#86
 p-Isopropyltoluene
 Concen: 54.938 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY022380.D
 Acq: 22 May 2025 08:35



Tgt Ion:119 Resp: 450850
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 22.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 53.142 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

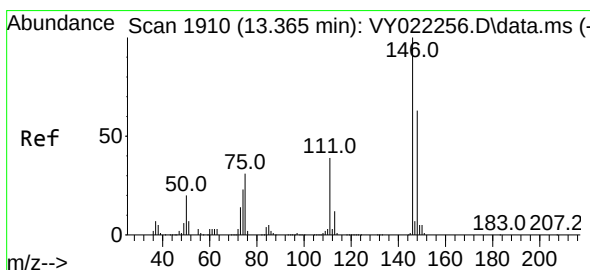
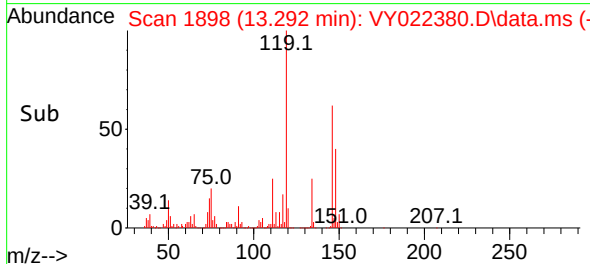
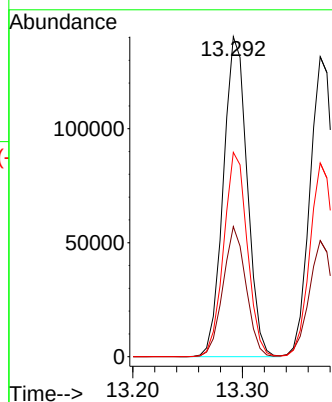
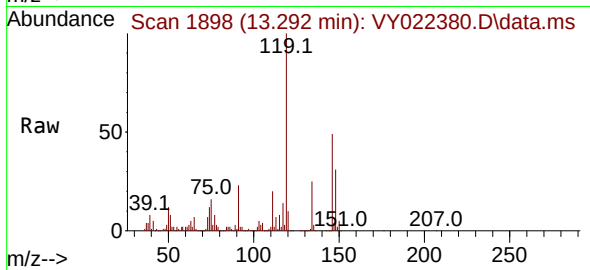
Tgt Ion:	146	Resp:	21227
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.9	59.7
148	63.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#88

1,4-Dichlorobenzene

Concen: 52.704 ug/l

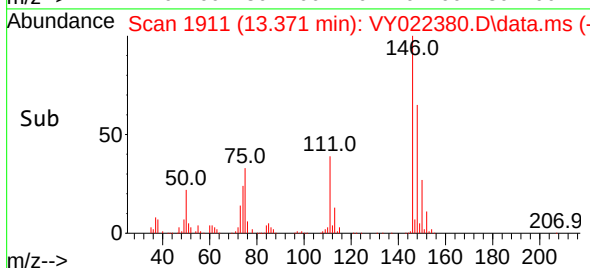
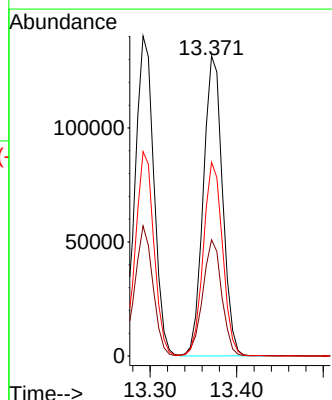
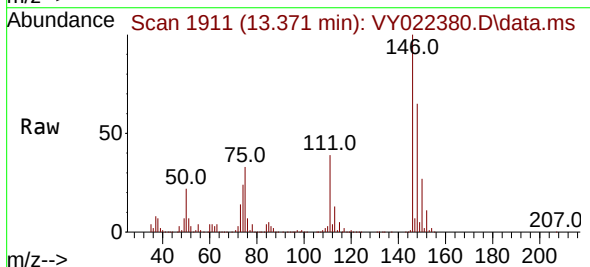
RT: 13.371 min Scan# 1911

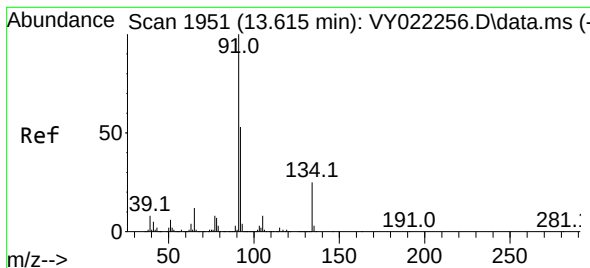
Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Tgt Ion:	146	Resp:	202502
Ion Ratio	Lower	Upper	
146	100		
111	38.3	20.0	59.9
148	64.7	32.1	96.5





#89

n-Butylbenzene

Concen: 55.365 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY022380.D

Acq: 22 May 2025 08:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 429840

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.9

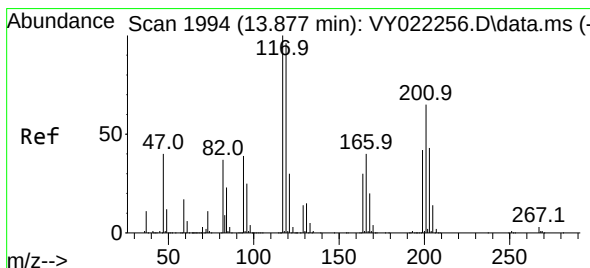
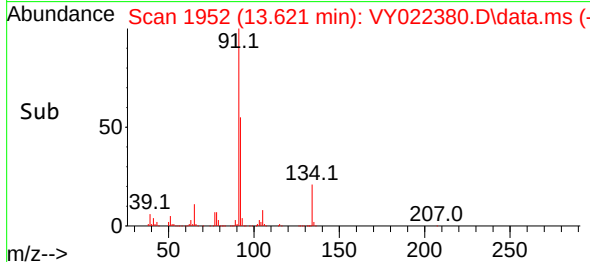
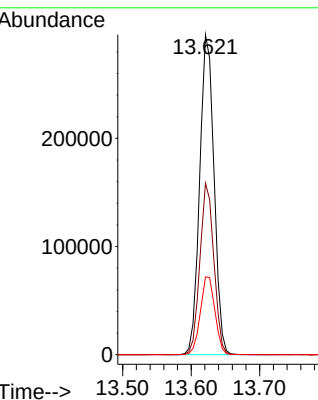
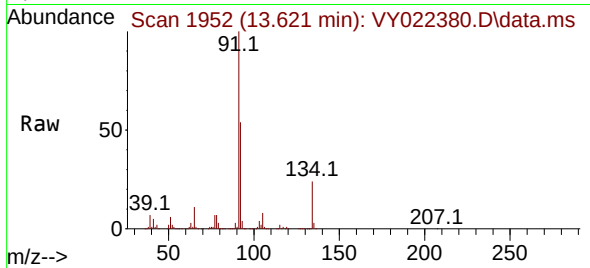
134 24.8 12.4 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#90

Hexachloroethane

Concen: 53.097 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022380.D

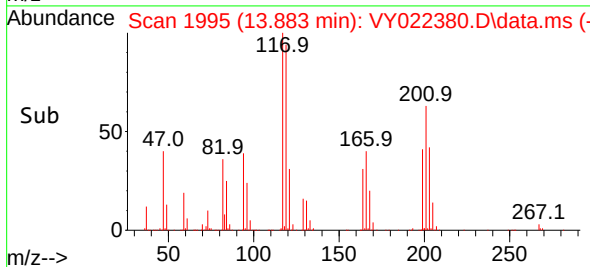
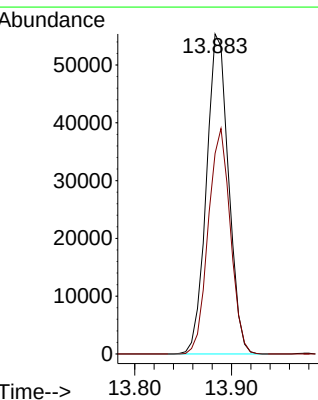
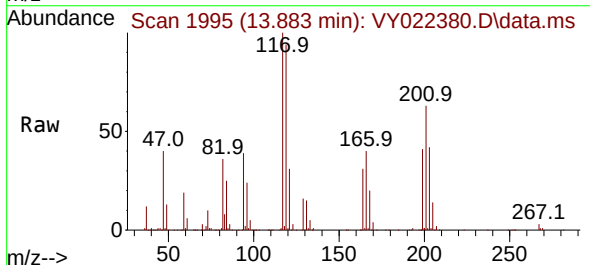
Acq: 22 May 2025 08:35

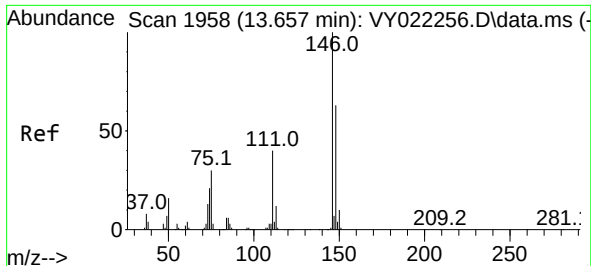
Tgt Ion:117 Resp: 87959

Ion Ratio Lower Upper

117 100

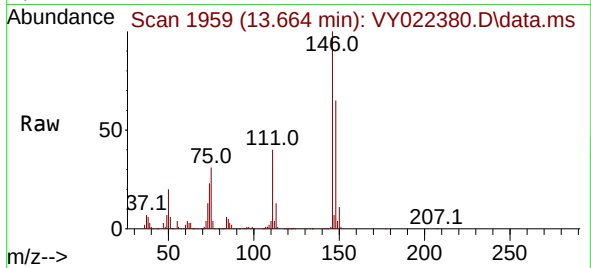
201 70.1 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 52.741 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

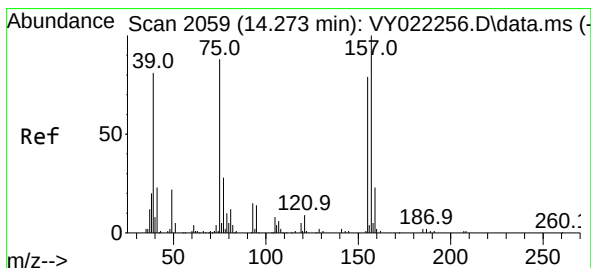
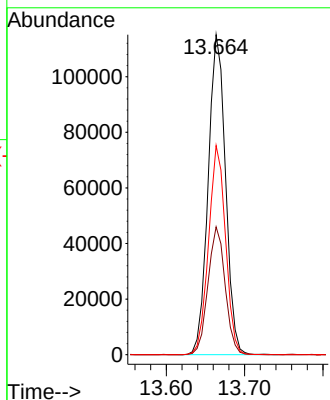
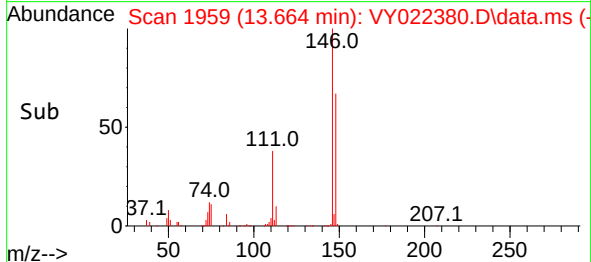
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



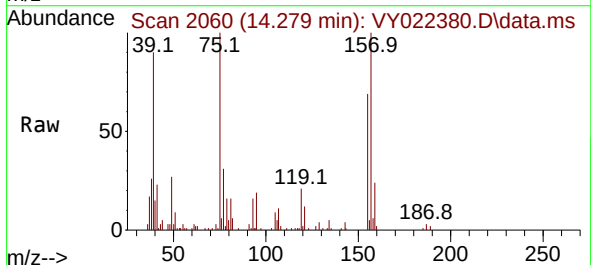
Tgt Ion:146 Resp: 17696
Ion Ratio Lower Upper
146 100
111 39.5 20.5 61.5
148 64.0 32.0 96.0

Manual Integrations
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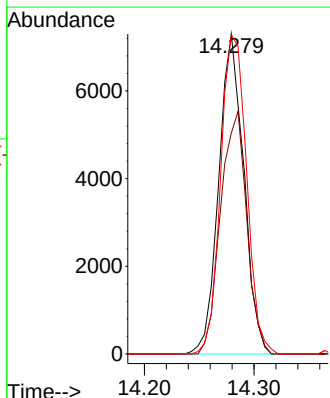
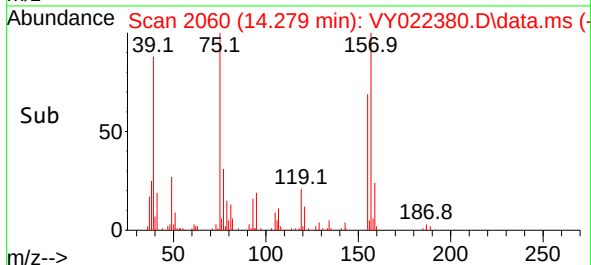
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

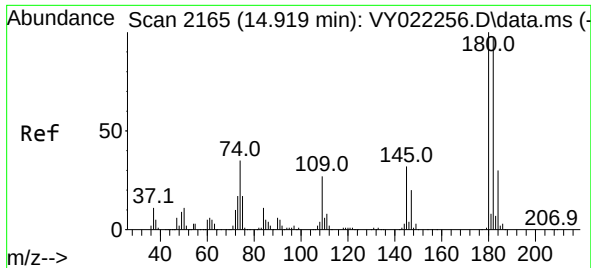


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.863 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



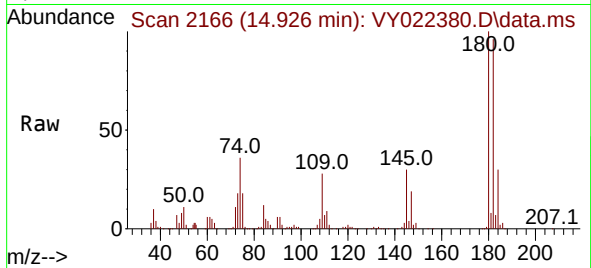
Tgt Ion: 75 Resp: 11556
Ion Ratio Lower Upper
75 100
155 78.9 43.4 130.1
157 103.4 54.6 163.9





#93
1,2,4-Trichlorobenzene
Concen: 53.492 ug/l
RT: 14.926 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

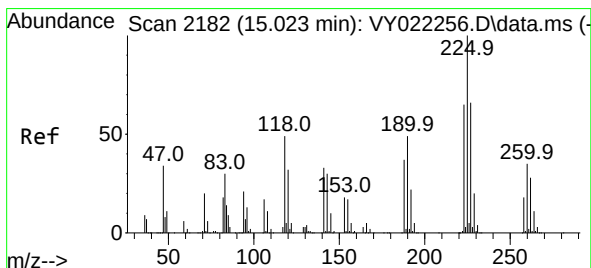
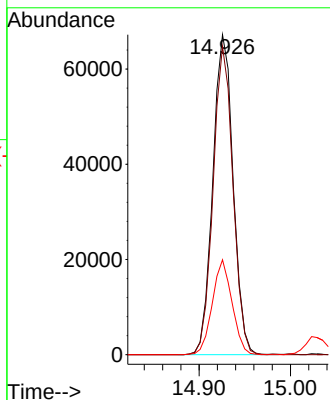
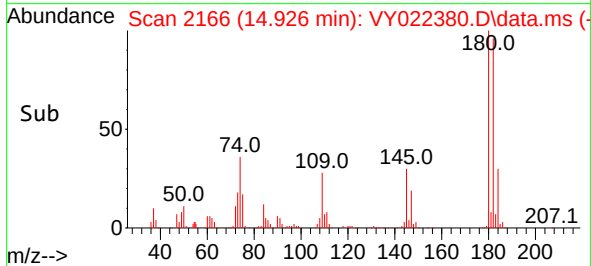
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 10367
Ion Ratio Lower Upper
180 100
182 94.2 48.0 144.0
145 28.8 15.0 45.1

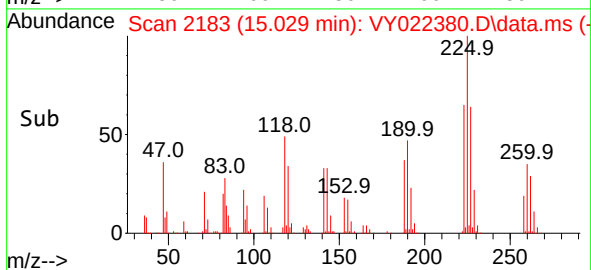
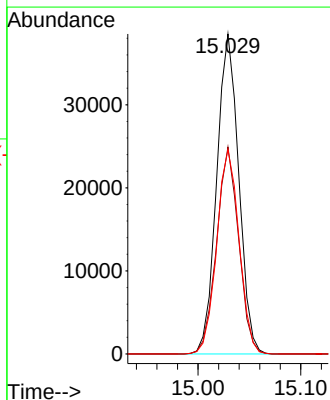
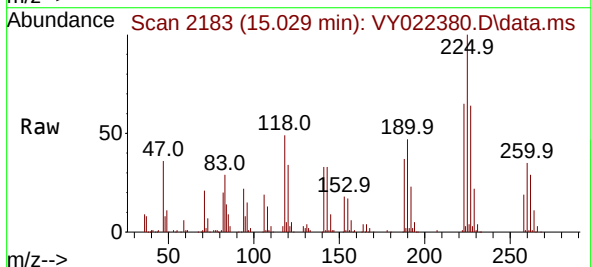
Manual Integrations
APPROVED

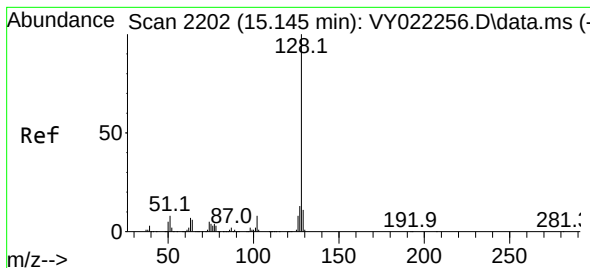
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#94
Hexachlorobutadiene
Concen: 52.980 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

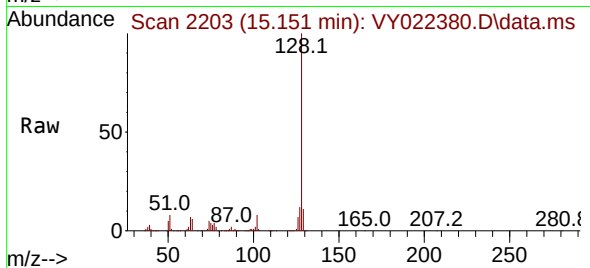
Tgt Ion:225 Resp: 57263
Ion Ratio Lower Upper
225 100
223 64.6 31.5 94.5
227 64.9 32.1 96.3





#95
Naphthalene
Concen: 50.990 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35

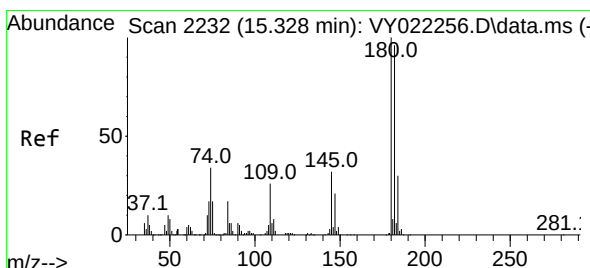
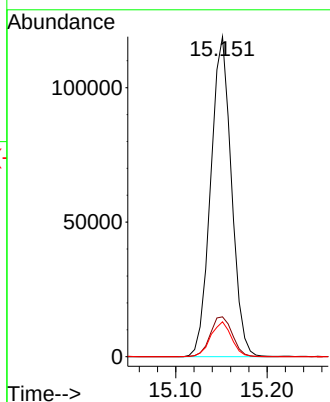
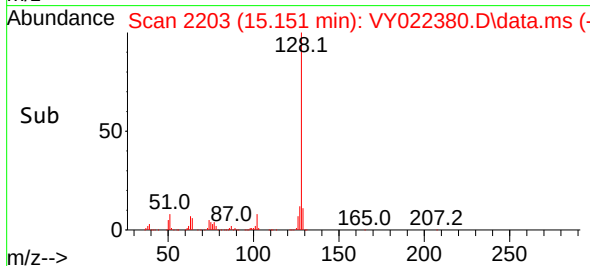
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



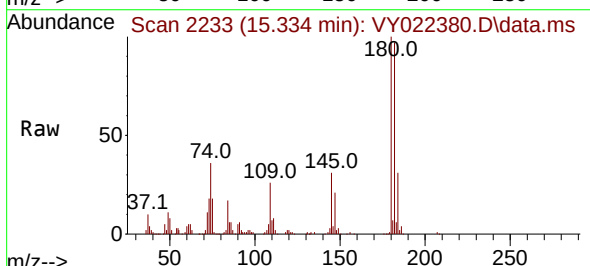
Tgt Ion:128 Resp: 187539
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.0 8.8 13.2

Manual Integrations
APPROVED

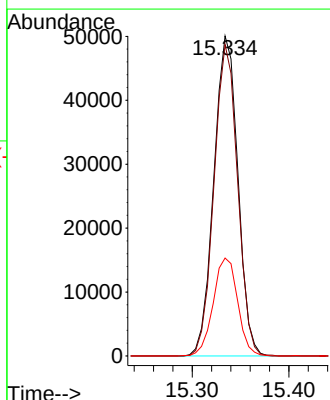
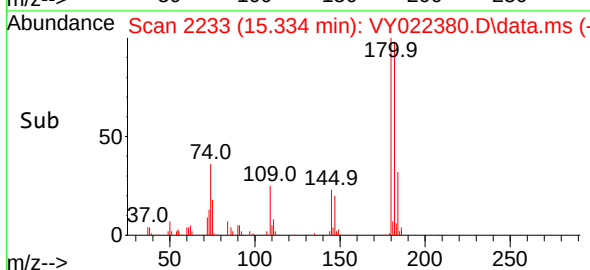
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.428 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY022380.D
Acq: 22 May 2025 08:35



Tgt Ion:180 Resp: 86200
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.3
145 31.2 15.9 47.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022380.D
 Acq On : 22 May 2025 08:35
 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 23 03:30:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	60	0.01
2 T	Dichlorodifluoromethane	0.522	0.512	1.9	61	0.01
3 P	Chloromethane	1.097	1.092	0.5	63	0.01
4 C	Vinyl Chloride	1.226	1.451	-18.4#	72	0.00
5 T	Bromomethane	0.998	1.202	-20.4	83	0.01
6 T	Chloroethane	0.763	0.992	-30.0#	79	0.01
7 T	Trichlorofluoromethane	1.241	1.338	-7.8	67	0.02
8 T	Diethyl Ether	0.298	0.301	-1.0	62	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.600	-11.3	67	0.00
10 T	Methyl Iodide	0.624	0.697	-11.7	61	0.01
11 T	Tert butyl alcohol	0.042	0.038	9.5	59	0.01
12 CM	1,1-Dichloroethene	0.535	0.576	-7.7#	65	0.01
13 T	Acrolein	0.061	0.027	55.7#	29#	0.01
14 T	Allyl chloride	0.938	0.886	5.5	56	0.02
15 T	Acrylonitrile	0.123	0.120	2.4	60	0.01
16 T	Acetone	0.102	0.096	5.9	63	0.00
17 T	Carbon Disulfide	1.744	1.805	-3.5	62	0.01
18 T	Methyl Acetate	0.323	0.304	5.9	61	0.02
19 T	Methyl tert-butyl Ether	1.475	1.522	-3.2	63	0.02
20 T	Methylene Chloride	0.662	0.614	7.3	62	0.01
21 T	trans-1,2-Dichloroethene	0.590	0.630	-6.8	64	0.02
22 T	Diisopropyl ether	1.980	1.925	2.8	58	0.01
23 T	Vinyl Acetate	1.196	1.114	6.9	57	0.02
24 P	1,1-Dichloroethane	1.106	1.155	-4.4	62	0.01
25 T	2-Butanone	0.171	0.154	9.9	58	0.01
26 T	2,2-Dichloropropane	0.984	1.067	-8.4	65	0.01
27 T	cis-1,2-Dichloroethene	0.681	0.741	-8.8	65	0.01
28 T	Bromochloromethane	0.472	0.490	-3.8	63	0.01
29 T	Tetrahydrofuran	0.110	0.100	9.1	57	0.01
30 C	Chloroform	1.061	1.157	-9.0#	65	0.01
31 T	Cyclohexane	1.105	1.072	3.0	61	0.01
32 T	1,1,1-Trichloroethane	0.974	1.054	-8.2	66	0.01
33 S	1,2-Dichloroethane-d4	0.546	0.561	-2.7	63	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	62	0.00
35 S	Dibromofluoromethane	0.298	0.318	-6.7	66	0.01
36 T	1,1-Dichloropropene	0.492	0.517	-5.1	64	0.01
37 T	Ethyl Acetate	0.237	0.211	11.0	56	0.00
38 T	Carbon Tetrachloride	0.509	0.548	-7.7	66	0.01
39 T	Methylcyclohexane	0.660	0.694	-5.2	65	0.01
40 TM	Benzene	1.457	1.548	-6.2	64	0.01
41 T	Methacrylonitrile	0.157	0.143	8.9	56	0.04
42 TM	1,2-Dichloroethane	0.394	0.396	-0.5	62	0.01
43 T	Isopropyl Acetate	0.516	0.468	9.3	57	0.01
44 TM	Trichloroethene	0.362	0.385	-6.4	65	0.01
45 C	1,2-Dichloropropane	0.351	0.362	-3.1#	63	0.01
46 T	Dibromomethane	0.189	0.197	-4.2	65	0.00
47 T	Bromodichloromethane	0.492	0.514	-4.5	63	0.01
48 T	Methyl methacrylate	0.241	0.215	10.8	56	0.01

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022380.D
 Acq On : 22 May 2025 08:35
 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 23 03:30:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	65	0.00
50 S	Toluene-d8	1.222	1.298	-6.2	66	0.01
51 T	4-Methyl-2-Pentanone	0.253	0.230	9.1	57	0.00
52 CM	Toluene	0.923	0.978	-6.0#	65	0.00
53 T	t-1,3-Dichloropropene	0.480	0.478	0.4	61	0.01
54 T	cis-1,3-Dichloropropene	0.550	0.565	-2.7	63	0.01
55 T	1,1,2-Trichloroethane	0.243	0.246	-1.2	63	0.00
56 T	Ethyl methacrylate	0.378	0.372	1.6	61	0.00
57 T	1,3-Dichloropropane	0.431	0.443	-2.8	63	0.00
58 T	2-Chloroethyl Vinyl ether	0.170	0.180	-5.9	61	0.01
59 T	2-Hexanone	0.170	0.151	11.2	57	0.00
60 T	Dibromochloromethane	0.315	0.330	-4.8	64	0.01
61 T	1,2-Dibromoethane	0.226	0.236	-4.4	65	0.01
62 S	4-Bromofluorobenzene	0.387	0.387	0.0	62	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
64 T	Tetrachloroethene	0.462	0.502	-8.7	66	0.00
65 PM	Chlorobenzene	1.128	1.194	-5.9	64	0.01
66 T	1,1,1,2-Tetrachloroethane	0.388	0.402	-3.6	63	0.00
67 C	Ethyl Benzene	2.113	2.234	-5.7#	64	0.00
68 T	m/p-Xylenes	0.796	0.849	-6.7	65	0.00
69 T	o-Xylene	0.753	0.791	-5.0	64	0.01
70 T	Styrene	1.270	1.325	-4.3	63	0.00
71 P	Bromoform	0.209	0.212	-1.4	63	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	61	0.00
73 T	Isopropylbenzene	4.142	4.432	-7.0	65	0.00
74 T	N-amyl acetate	1.185	1.082	8.7	57	0.01
75 P	1,1,2,2-Tetrachloroethane	0.637	0.657	-3.1	64	0.00
76 T	1,2,3-Trichloropropane	0.507	0.499	1.6	61	0.00
77 T	Bromobenzene	0.885	0.930	-5.1	64	0.01
78 T	n-propylbenzene	4.996	5.385	-7.8	64	0.00
79 T	2-Chlorotoluene	2.746	2.881	-4.9	63	0.01
80 T	1,3,5-Trimethylbenzene	3.344	3.533	-5.7	64	0.00
81 T	trans-1,4-Dichloro-2-butene	0.250	0.234	6.4	61	0.00
82 T	4-Chlorotoluene	2.824	2.941	-4.1	62	0.01
83 T	tert-Butylbenzene	2.972	3.200	-7.7	65	0.00
84 T	1,2,4-Trimethylbenzene	3.319	3.526	-6.2	63	0.00
85 T	sec-Butylbenzene	4.412	4.835	-9.6	65	0.00
86 T	p-Isopropyltoluene	3.710	4.077	-9.9	65	0.00
87 T	1,3-Dichlorobenzene	1.806	1.920	-6.3	64	0.00
88 T	1,4-Dichlorobenzene	1.737	1.831	-5.4	64	0.00
89 T	n-Butylbenzene	3.510	3.887	-10.7	65	0.00
90 T	Hexachloroethane	0.749	0.795	-6.1	64	0.00
91 T	1,2-Dichlorobenzene	1.517	1.600	-5.5	64	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.104	-1.0	64	0.00
93 T	1,2,4-Trichlorobenzene	0.876	0.937	-7.0	64	0.00
94 T	Hexachlorobutadiene	0.489	0.518	-5.9	63	0.00
95 T	Naphthalene	1.663	1.696	-2.0	63	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
Data File : VY022380.D
Acq On : 22 May 2025 08:35
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 23 03:30:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 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	0.743	0.779	-4.8	64	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022380.D
 Acq On : 22 May 2025 08:35
 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 23 03:30:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	60	0.01
2 T	Dichlorodifluoromethane	50.000	49.047	1.9	61	0.01
3 P	Chloromethane	50.000	49.773	0.5	63	0.01
4 C	Vinyl Chloride	50.000	59.188	-18.4#	72	0.00
5 T	Bromomethane	50.000	60.227	-20.5	83	0.01
6 T	Chloroethane	50.000	65.048	-30.1#	79	0.01
7 T	Trichlorofluoromethane	50.000	53.896	-7.8	67	0.02
8 T	Diethyl Ether	50.000	50.471	-0.9	62	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.692	-11.4	67	0.00
10 T	Methyl Iodide	50.000	55.849	-11.7	61	0.01
11 T	Tert butyl alcohol	250.000	227.243	9.1	59	0.01
12 CM	1,1-Dichloroethene	50.000	53.894	-7.8#	65	0.01
13 T	Acrolein	250.000	109.497	56.2#	29	0.01
14 T	Allyl chloride	50.000	47.221	5.6	56	0.02
15 T	Acrylonitrile	250.000	243.864	2.5	60	0.01
16 T	Acetone	250.000	235.333	5.9	63	0.00
17 T	Carbon Disulfide	50.000	51.759	-3.5	62	0.01
18 T	Methyl Acetate	50.000	46.981	6.0	61	0.02
19 T	Methyl tert-butyl Ether	50.000	51.604	-3.2	63	0.02
20 T	Methylene Chloride	50.000	46.380	7.2	62	0.01
21 T	trans-1,2-Dichloroethene	50.000	53.333	-6.7	64	0.02
22 T	Diisopropyl ether	50.000	48.607	2.8	58	0.01
23 T	Vinyl Acetate	250.000	232.677	6.9	57	0.02
24 P	1,1-Dichloroethane	50.000	52.212	-4.4	62	0.01
25 T	2-Butanone	250.000	225.284	9.9	58	0.01
26 T	2,2-Dichloropropane	50.000	54.202	-8.4	65	0.01
27 T	cis-1,2-Dichloroethene	50.000	54.417	-8.8	65	0.01
28 T	Bromochloromethane	50.000	51.923	-3.8	63	0.01
29 T	Tetrahydrofuran	250.000	227.418	9.0	57	0.01
30 C	Chloroform	50.000	54.509	-9.0#	65	0.01
31 T	Cyclohexane	50.000	48.489	3.0	61	0.01
32 T	1,1,1-Trichloroethane	50.000	54.115	-8.2	66	0.01
33 S	1,2-Dichloroethane-d4	50.000	51.370	-2.7	63	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	62	0.00
35 S	Dibromofluoromethane	50.000	53.337	-6.7	66	0.01
36 T	1,1-Dichloropropene	50.000	52.597	-5.2	64	0.01
37 T	Ethyl Acetate	50.000	44.661	10.7	56	0.00
38 T	Carbon Tetrachloride	50.000	53.827	-7.7	66	0.01
39 T	Methylcyclohexane	50.000	52.569	-5.1	65	0.01
40 TM	Benzene	50.000	53.106	-6.2	64	0.01
41 T	Methacrylonitrile	50.000	45.426	9.1	56	0.04
42 TM	1,2-Dichloroethane	50.000	50.267	-0.5	62	0.01
43 T	Isopropyl Acetate	50.000	45.395	9.2	57	0.01
44 TM	Trichloroethene	50.000	53.190	-6.4	65	0.01
45 C	1,2-Dichloropropane	50.000	51.460	-2.9#	63	0.01
46 T	Dibromomethane	50.000	51.917	-3.8	65	0.00
47 T	Bromodichloromethane	50.000	52.278	-4.6	63	0.01
48 T	Methyl methacrylate	50.000	44.496	11.0	56	0.01

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022380.D
 Acq On : 22 May 2025 08:35
 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 23 03:30:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	994.901	0.5	65	0.00
50 S	Toluene-d8	50.000	53.110	-6.2	66	0.01
51 T	4-Methyl-2-Pentanone	250.000	227.107	9.2	57	0.00
52 CM	Toluene	50.000	53.002	-6.0#	65	0.00
53 T	t-1,3-Dichloropropene	50.000	49.816	0.4	61	0.01
54 T	cis-1,3-Dichloropropene	50.000	51.367	-2.7	63	0.01
55 T	1,1,2-Trichloroethane	50.000	50.711	-1.4	63	0.00
56 T	Ethyl methacrylate	50.000	49.163	1.7	61	0.00
57 T	1,3-Dichloropropane	50.000	51.386	-2.8	63	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.693	-6.3	61	0.01
59 T	2-Hexanone	250.000	222.384	11.0	57	0.00
60 T	Dibromochloromethane	50.000	52.423	-4.8	64	0.01
61 T	1,2-Dibromoethane	50.000	52.166	-4.3	65	0.01
62 S	4-Bromofluorobenzene	50.000	49.898	0.2	62	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	62	0.00
64 T	Tetrachloroethene	50.000	54.305	-8.6	66	0.00
65 PM	Chlorobenzene	50.000	52.931	-5.9	64	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	51.774	-3.5	63	0.00
67 C	Ethyl Benzene	50.000	52.876	-5.8#	64	0.00
68 T	m/p-Xylenes	100.000	106.617	-6.6	65	0.00
69 T	o-Xylene	50.000	52.518	-5.0	64	0.01
70 T	Styrene	50.000	52.163	-4.3	63	0.00
71 P	Bromoform	50.000	50.521	-1.0	63	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	61	0.00
73 T	Isopropylbenzene	50.000	53.502	-7.0	65	0.00
74 T	N-ethyl acetate	50.000	45.682	8.6	57	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	51.561	-3.1	64	0.00
76 T	1,2,3-Trichloropropane	50.000	49.223	1.6	61	0.00
77 T	Bromobenzene	50.000	52.574	-5.1	64	0.01
78 T	n-propylbenzene	50.000	53.885	-7.8	64	0.00
79 T	2-Chlorotoluene	50.000	52.461	-4.9	63	0.01
80 T	1,3,5-Trimethylbenzene	50.000	52.837	-5.7	64	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.827	6.3	61	0.00
82 T	4-Chlorotoluene	50.000	52.070	-4.1	62	0.01
83 T	tert-Butylbenzene	50.000	53.844	-7.7	65	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.109	-6.2	63	0.00
85 T	sec-Butylbenzene	50.000	54.800	-9.6	65	0.00
86 T	p-Isopropyltoluene	50.000	54.938	-9.9	65	0.00
87 T	1,3-Dichlorobenzene	50.000	53.142	-6.3	64	0.00
88 T	1,4-Dichlorobenzene	50.000	52.704	-5.4	64	0.00
89 T	n-Butylbenzene	50.000	55.365	-10.7	65	0.00
90 T	Hexachloroethane	50.000	53.097	-6.2	64	0.00
91 T	1,2-Dichlorobenzene	50.000	52.741	-5.5	64	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.863	-1.7	64	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.492	-7.0	64	0.00
94 T	Hexachlorobutadiene	50.000	52.980	-6.0	63	0.00
95 T	Naphthalene	50.000	50.990	-2.0	63	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
Data File : VY022380.D
Acq On : 22 May 2025 08:35
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 23 03:30:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 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	52.428	-4.9	64	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



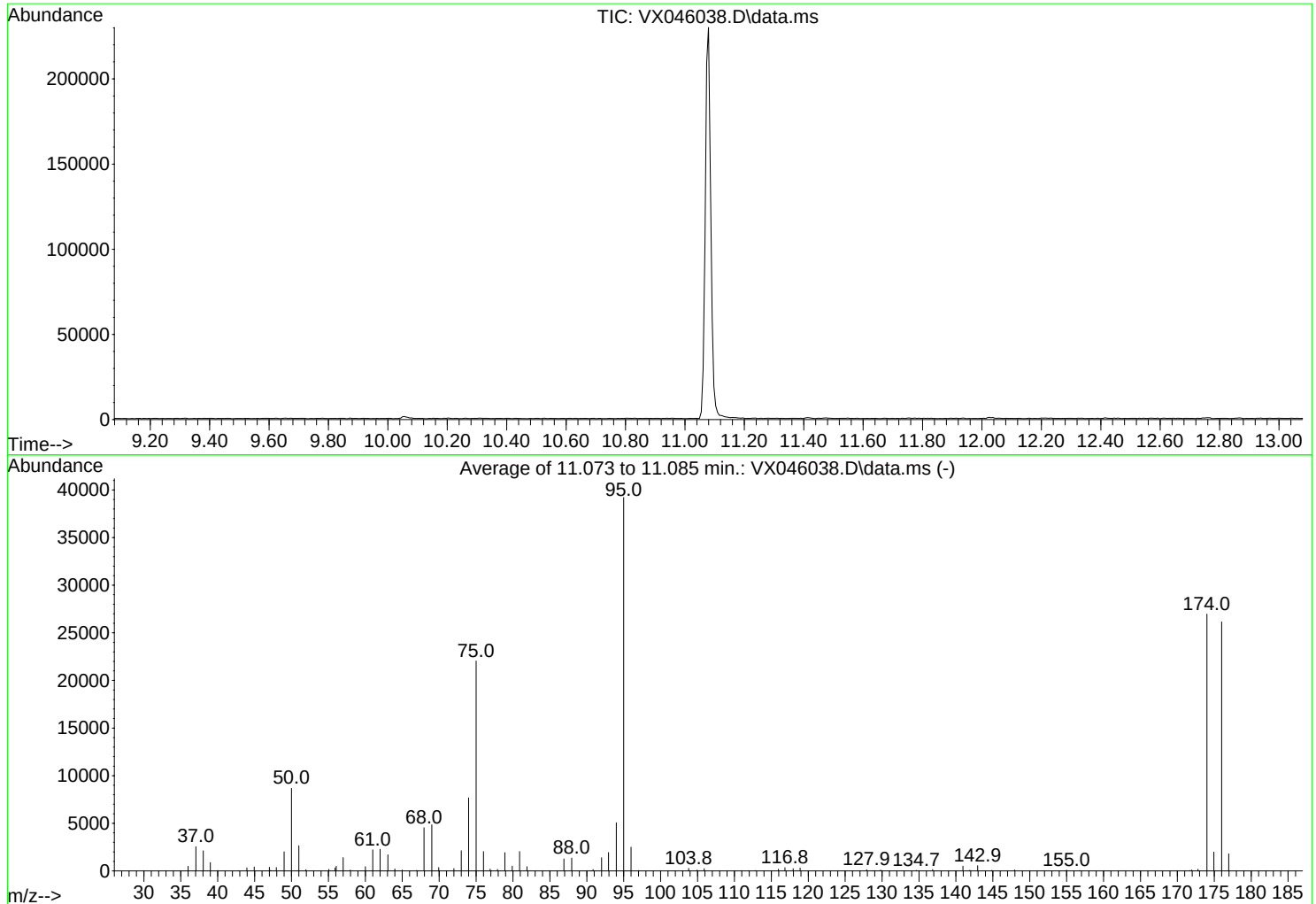
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046038.D
Acq On : 05 May 2025 09:37
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\82X050525W.M
Title : SW846 8260
Last Update : Tue May 06 07:12:22 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.1	8676	PASS
75	95	30	60	56.2	22052	PASS
95	95	100	100	100.0	39213	PASS
96	95	5	9	6.4	2505	PASS
173	174	0.00	2	0.7	185	PASS
174	95	50	100	68.8	26963	PASS
175	174	5	9	7.3	1980	PASS
176	174	95	101	97.0	26147	PASS
177	176	5	9	6.9	1802	PASS

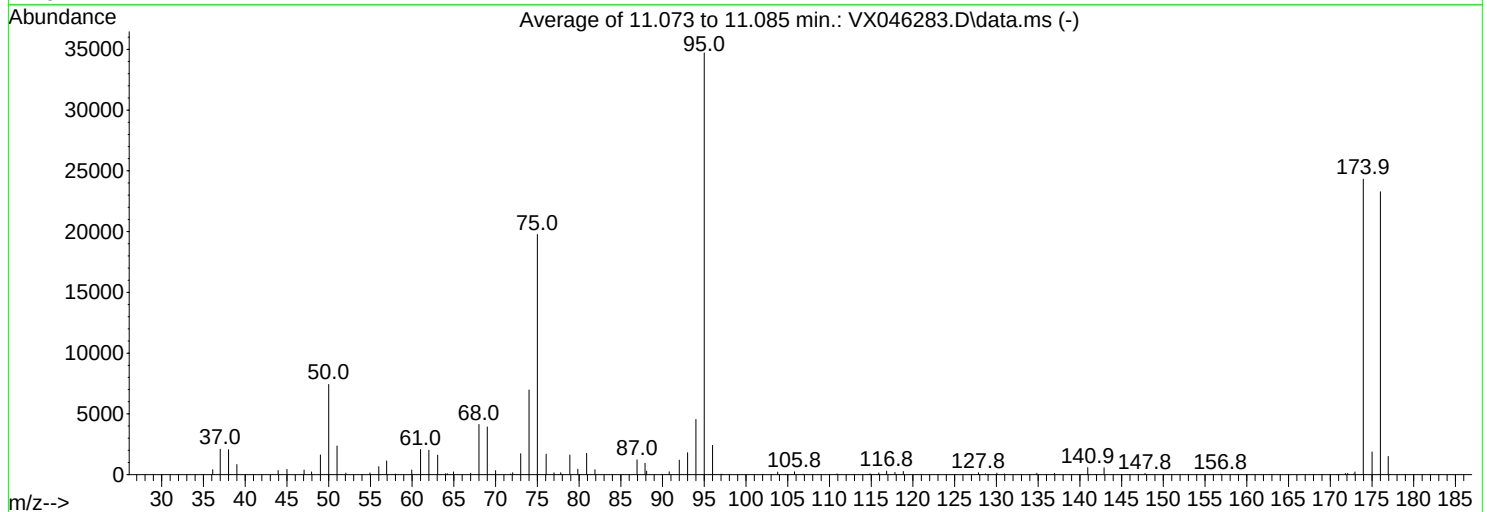
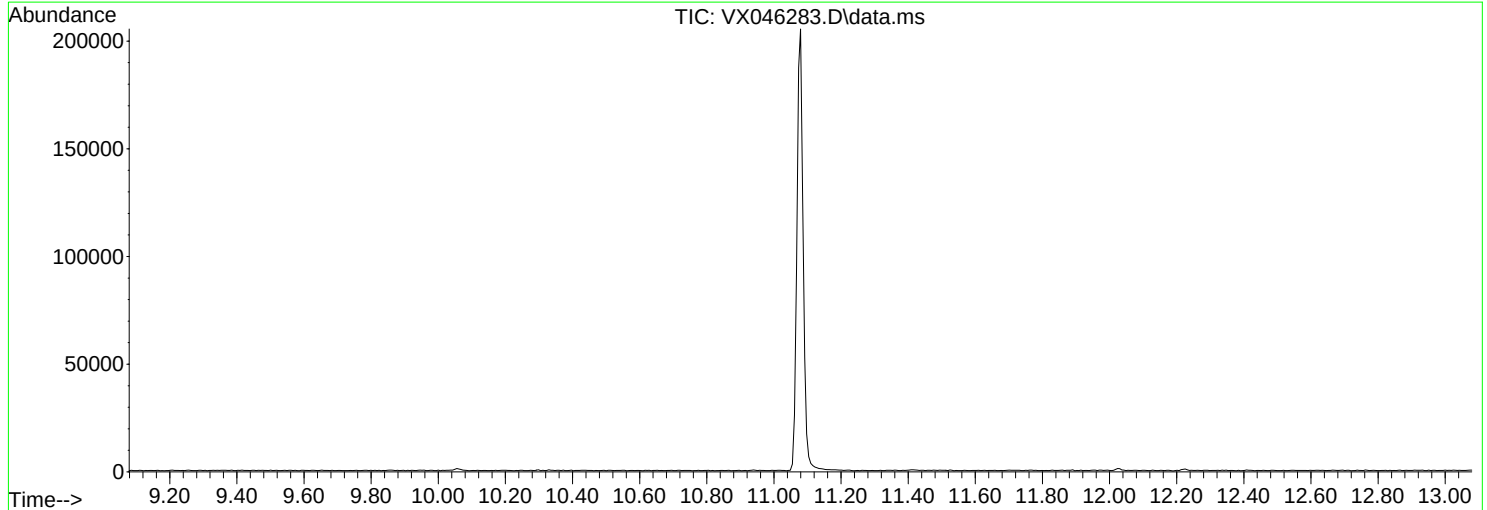
BFB

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046283.D
Acq On : 21 May 2025 09:13
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260
Last Update : Tue May 06 07:12:22 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

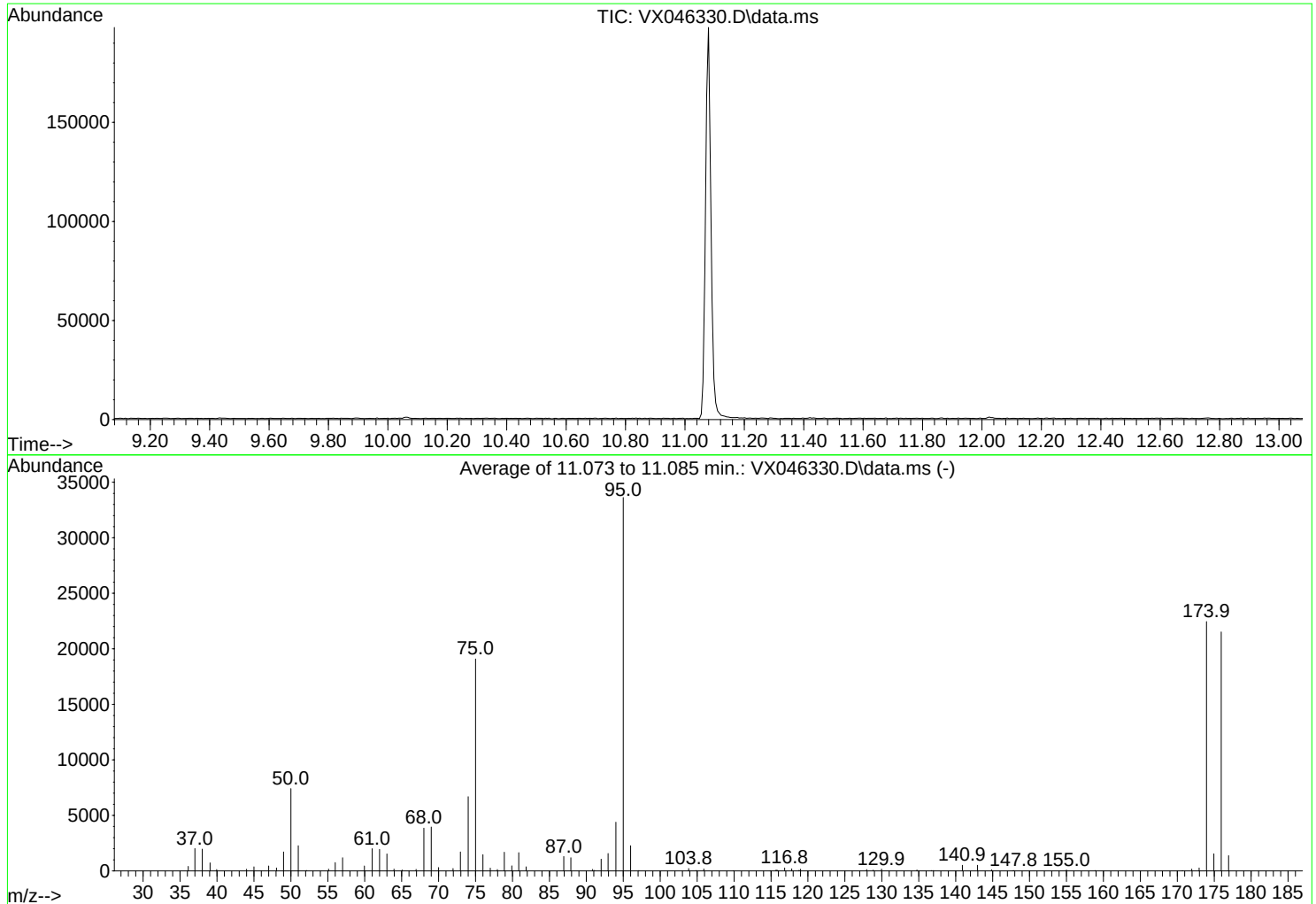
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.4	7429	PASS
75	95	30	60	56.9	19765	PASS
95	95	100	100	100.0	34712	PASS
96	95	5	9	7.0	2413	PASS
173	174	0.00	2	0.9	221	PASS
174	95	50	100	70.1	24317	PASS
175	174	5	9	7.7	1864	PASS
176	174	95	101	95.7	23280	PASS
177	176	5	9	6.5	1508	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046330.D
Acq On : 23 May 2025 08:25
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\82X050525W.M
Title : SW846 8260
Last Update : Tue May 06 07:12:22 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

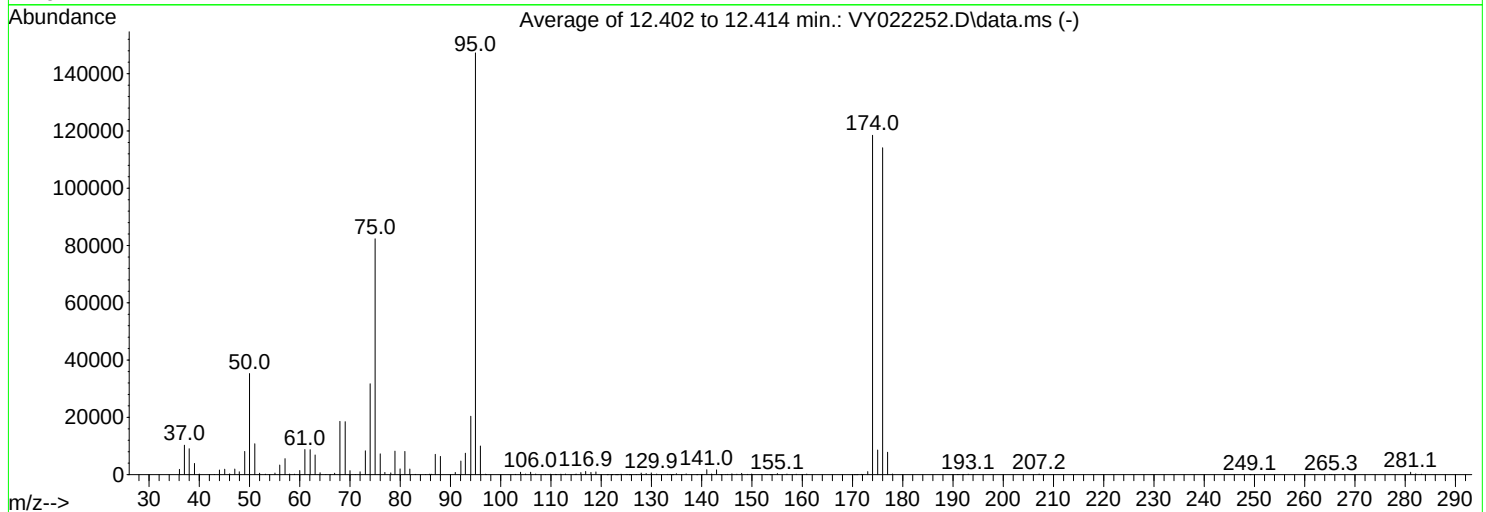
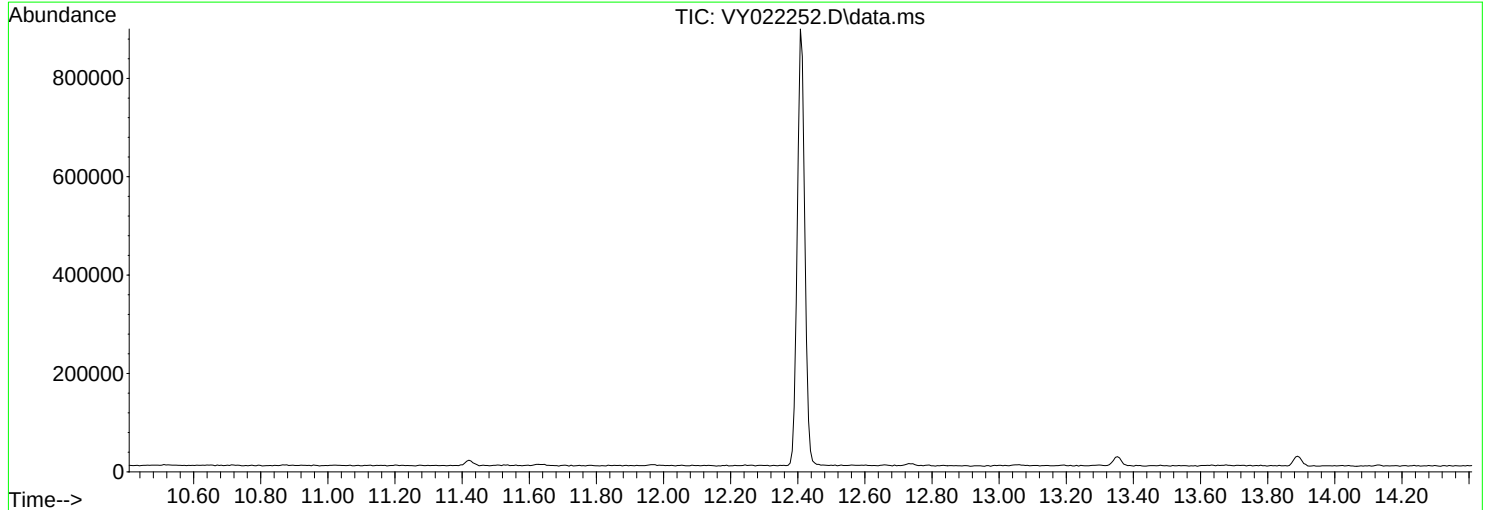
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.0	7406	PASS
75	95	30	60	56.7	19080	PASS
95	95	100	100	100.0	33629	PASS
96	95	5	9	6.7	2267	PASS
173	174	0.00	2	1.2	270	PASS
174	95	50	100	66.8	22448	PASS
175	174	5	9	6.9	1542	PASS
176	174	95	101	95.9	21525	PASS
177	176	5	9	6.4	1375	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022252.D
Acq On : 15 May 2025 07:52
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\82Y051525S.M
Title : SW846 8260
Last Update : Fri May 16 01:42:09 2025



AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1745

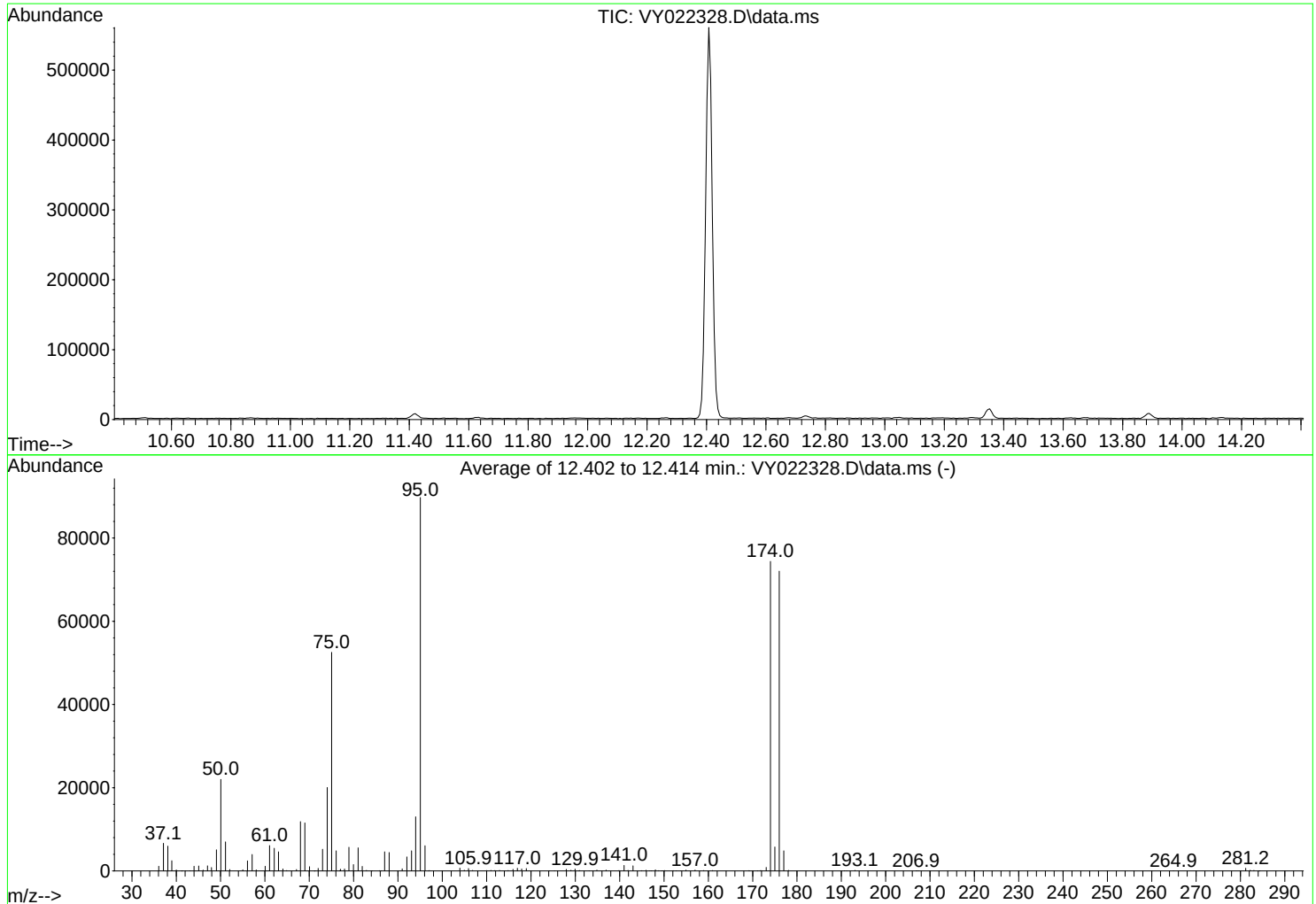
Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	24.0	35318	PASS
75	95	30	60	55.9	82344	PASS
95	95	100	100	100.0	147275	PASS
96	95	5	9	6.8	9993	PASS
173	174	0.00	2	0.9	1042	PASS
174	95	50	100	80.5	118504	PASS
175	174	5	9	7.3	8635	PASS
176	174	95	101	96.3	114157	PASS
177	176	5	9	6.8	7810	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022328.D
Acq On : 20 May 2025 08:09
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\82Y051525S.M
Title : SW846 8260
Last Update : Fri May 16 01:42:09 2025



AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1744

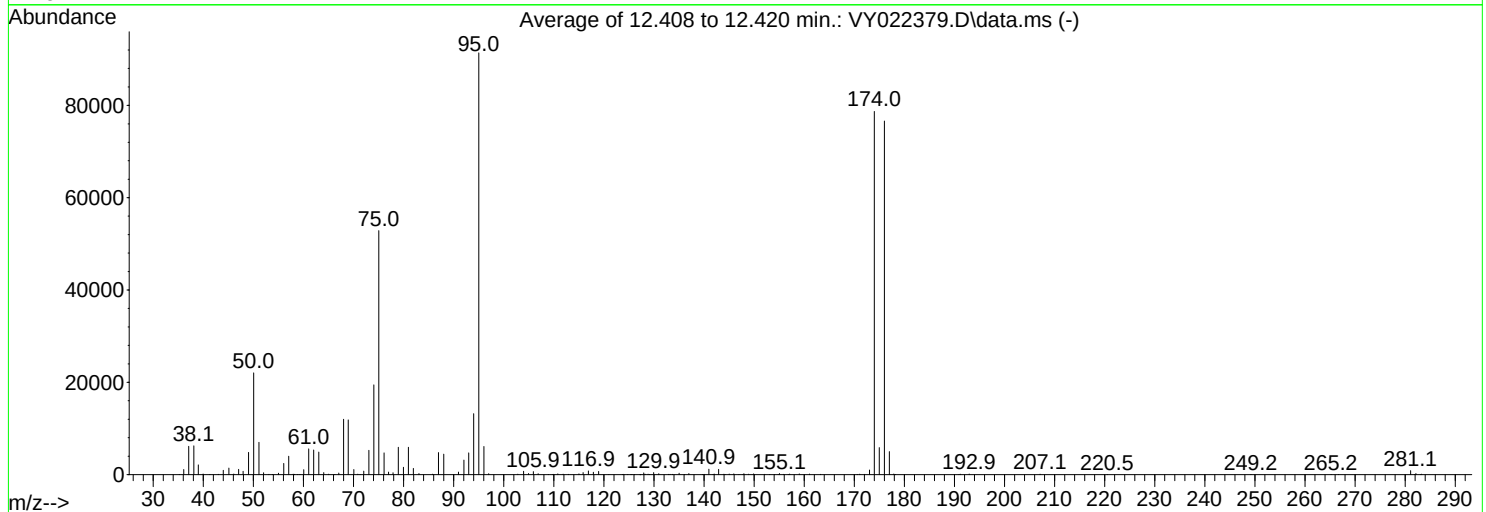
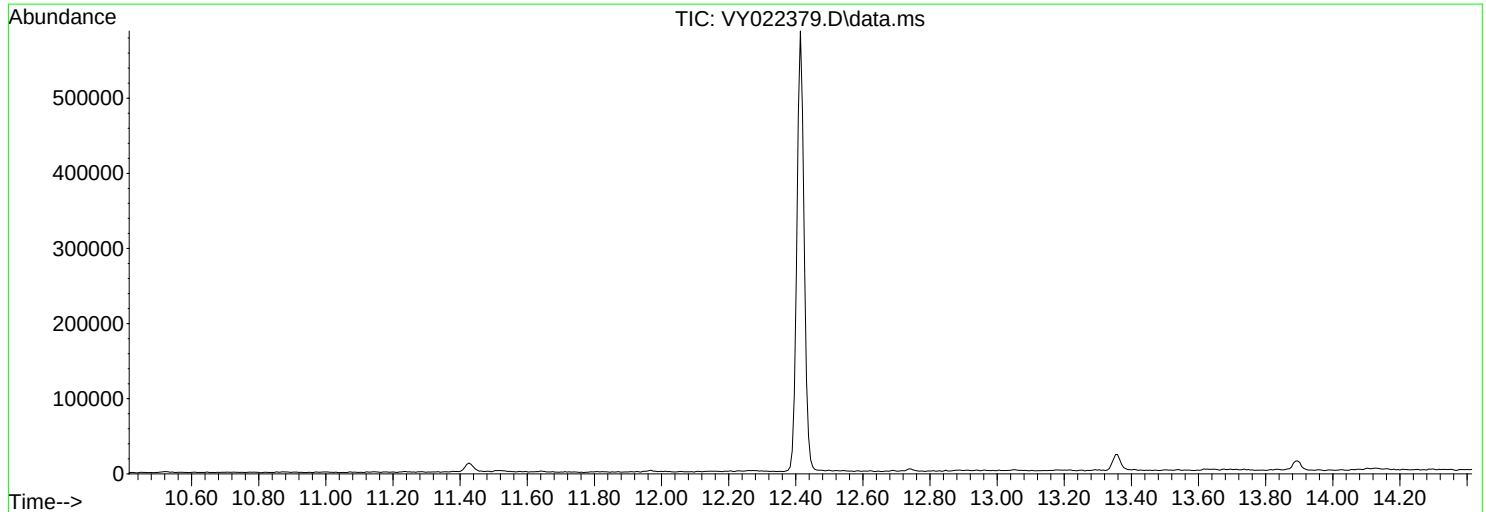
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.5	21987	PASS
75	95	30	60	58.5	52528	PASS
95	95	100	100	100.0	89755	PASS
96	95	5	9	6.7	6051	PASS
173	174	0.00	2	1.2	859	PASS
174	95	50	100	82.9	74379	PASS
175	174	5	9	7.7	5741	PASS
176	174	95	101	96.8	72035	PASS
177	176	5	9	6.7	4837	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
Data File : VY022379.D
Acq On : 22 May 2025 08:05
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\82Y051525S.M
Title : SW846 8260
Last Update : Fri May 16 01:42:09 2025



AutoFind: Scans 1753, 1754, 1755; Background Corrected with Scan 1743

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	24.1	22056	PASS
75	95	30	60	57.8	52859	PASS
95	95	100	100	100.0	91380	PASS
96	95	5	9	6.7	6119	PASS
173	174	0.00	2	1.3	1000	PASS
174	95	50	100	86.1	78696	PASS
175	174	5	9	7.5	5864	PASS
176	174	95	101	97.4	76611	PASS
177	176	5	9	6.5	4987	PASS

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM
Supervise By	Maresh Dadoda	Supervise On	5/6/2025 12:43:00 PM
SubDirectory	VX050525	HP Acquire Method	HP Processing Method 82X050525W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133811		
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837		
CCC			
Internal Standard/PEM			
ICV/I.BLK	VP133838		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046038.D	05 May 2025 09:37	JC/MD	Ok
2	VSTDIC001	VX046039.D	05 May 2025 10:49	JC/MD	Not Ok
3	VSTDIC005	VX046040.D	05 May 2025 11:12	JC/MD	Not Ok
4	VSTDIC020	VX046041.D	05 May 2025 11:35	JC/MD	Ok,M
5	VSTDIC050	VX046042.D	05 May 2025 11:58	JC/MD	Ok,M
6	VSTDIC100	VX046043.D	05 May 2025 12:21	JC/MD	Ok,M
7	VSTDIC150	VX046044.D	05 May 2025 12:45	JC/MD	Ok,M
8	IBLK	VX046045.D	05 May 2025 13:08	JC/MD	Ok
9	VSTDIC005	VX046046.D	05 May 2025 16:04	JC/MD	Ok,M
10	VSTDIC001	VX046047.D	05 May 2025 16:27	JC/MD	Ok,M
11	VSTDICV050	VX046048.D	05 May 2025 16:50	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX052125

Review By	John Carlone	Review On	5/22/2025 7:44:17 AM
Supervise By	Maresh Dadoda	Supervise On	5/22/2025 8:23:40 AM
SubDirectory	VX052125	HP Acquire Method	HP Processing Method 82X050525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133985		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133986,VP133987		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046283.D	21 May 2025 09:13	JC/MD	Ok
2	VSTDCCC050	VX046284.D	21 May 2025 09:55	JC/MD	Ok,M
3	VX0521MBL01	VX046285.D	21 May 2025 10:22	JC/MD	Ok
4	VX0521WBL01	VX046286.D	21 May 2025 10:46	JC/MD	Ok
5	VX0521WBS01	VX046287.D	21 May 2025 11:09	JC/MD	Ok,M
6	VX0521WBSD01	VX046288.D	21 May 2025 11:36	JC/MD	Ok,M
7	Q2065-01	VX046289.D	21 May 2025 11:59	JC/MD	Ok
8	Q2068-03	VX046290.D	21 May 2025 12:23	JC/MD	Ok
9	Q2093-14	VX046291.D	21 May 2025 12:46	JC/MD	Ok
10	Q2075-07	VX046292.D	21 May 2025 13:09	JC/MD	Ok
11	Q2075-08	VX046293.D	21 May 2025 13:32	JC/MD	Ok
12	Q2082-01	VX046294.D	21 May 2025 13:56	JC/MD	Ok
13	Q2082-04	VX046295.D	21 May 2025 14:19	JC/MD	Ok
14	Q2082-12	VX046296.D	21 May 2025 14:42	JC/MD	Ok
15	Q2082-02	VX046297.D	21 May 2025 15:05	JC/MD	Ok
16	Q2082-03	VX046298.D	21 May 2025 15:29	JC/MD	Ok
17	Q2082-05	VX046299.D	21 May 2025 15:52	JC/MD	Ok
18	Q2082-07	VX046300.D	21 May 2025 16:15	JC/MD	Ok
19	Q2082-08	VX046301.D	21 May 2025 16:39	JC/MD	Ok
20	Q2088-01	VX046302.D	21 May 2025 17:02	JC/MD	Ok
21	Q2096-01	VX046303.D	21 May 2025 17:25	JC/MD	Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX052125

Review By	John Carlone	Review On	5/22/2025 7:44:17 AM
Supervise By	Maresh Dadoda	Supervise On	5/22/2025 8:23:40 AM
SubDirectory	VX052125	HP Acquire Method	HP Processing Method 82X050525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133985		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133986,VP133987		

22	Q2102-03	VX046304.D	21 May 2025 17:48	JC/MD	Not Ok
23	IBLK	VX046305.D	21 May 2025 18:12	JC/MD	Ok
24	Q2082-09	VX046306.D	21 May 2025 18:35	JC/MD	Ok
25	Q2082-10MS	VX046307.D	21 May 2025 18:58	JC/MD	Ok,M
26	Q2082-11MSD	VX046308.D	21 May 2025 19:21	JC/MD	Ok,M
27	VSTDCCC050	VX046309.D	21 May 2025 19:44	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX052325

Review By	John Carlone	Review On	5/23/2025 4:14:57 PM
Supervise By	Semsettin Yesilyurt	Supervise On	5/26/2025 5:42:25 AM
SubDirectory	VX052325	HP Acquire Method	HP Processing Method 82X050525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP134008		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134009,VP134010		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046330.D	23 May 2025 08:25	JC/MD	Ok
2	VSTDCCC050	VX046331.D	23 May 2025 09:24	JC/MD	Ok,M
3	VX0523MBL01	VX046332.D	23 May 2025 09:53	JC/MD	Ok
4	VX0523WBL01	VX046333.D	23 May 2025 10:16	JC/MD	Ok
5	VX0523WBS01	VX046334.D	23 May 2025 10:57	JC/MD	Ok,M
6	VX0523MBS01	VX046335.D	23 May 2025 11:23	JC/MD	Ok,M
7	Q2075-06ME	VX046336.D	23 May 2025 11:46	JC/MD	Ok
8	VX0523WBSD01	VX046337.D	23 May 2025 12:10	JC/MD	Ok,M
9	Q2120-01	VX046338.D	23 May 2025 12:33	JC/MD	Ok
10	Q2120-02	VX046339.D	23 May 2025 12:56	JC/MD	ReRun
11	Q2118-01	VX046340.D	23 May 2025 13:20	JC/MD	Ok
12	Q2118-05	VX046341.D	23 May 2025 13:43	JC/MD	Ok
13	Q2118-02	VX046342.D	23 May 2025 14:06	JC/MD	Ok
14	Q2118-03	VX046343.D	23 May 2025 14:29	JC/MD	Ok
15	Q2118-04	VX046344.D	23 May 2025 14:53	JC/MD	Ok
16	Q2118-06	VX046345.D	23 May 2025 15:16	JC/MD	Ok
17	Q2118-08	VX046346.D	23 May 2025 15:39	JC/MD	Ok
18	Q2118-09	VX046347.D	23 May 2025 16:03	JC/MD	Ok
19	Q2118-10	VX046348.D	23 May 2025 16:26	JC/MD	Ok
20	Q2114-02	VX046349.D	23 May 2025 16:49	JC/MD	Ok
21	Q2106-01	VX046350.D	23 May 2025 17:12	JC/MD	Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QCBatch ID # VX052325

Review By	John Carlone	Review On	5/23/2025 4:14:57 PM
Supervise By	Semsettin Yesilyurt	Supervise On	5/26/2025 5:42:25 AM
SubDirectory	VX052325	HP Acquire Method	HP Processing Method 82X050525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP134008		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134009,VP134010		

22	Q2114-01	VX046351.D	23 May 2025 17:36	JC/MD	Ok
23	Q2123-01	VX046352.D	23 May 2025 17:59	JC/MD	Ok
24	Q2123-02	VX046353.D	23 May 2025 18:22	JC/MD	Ok
25	Q2123-03	VX046354.D	23 May 2025 18:45	JC/MD	Ok
26	Q2123-04	VX046355.D	23 May 2025 19:09	JC/MD	Ok
27	Q2120-02	VX046356.D	23 May 2025 19:32	JC/MD	Ok
28	VSTDCCC050	VX046357.D	23 May 2025 19:55	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY051525

Review By	Maresh Dadoda	Review On	5/16/2025 11:49:17 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/16/2025 11:51:38 AM		
SubDirectory	VY051525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME	STD REF.#				
Tune/Reschk	VP133916				
Initial Calibration Stds	VP133918,VP133919,VP133920,VP133921,VP133922,VP133923				
CCC	VP133925				
Internal Standard/PEM	VP131783				
ICV/I.BLK	VP133924				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022252.D	15 May 2025 07:52	SY/MD	Ok
2	VSTDIC005	VY022253.D	15 May 2025 09:46	SY/MD	Ok,M
3	VSTDIC010	VY022254.D	15 May 2025 10:16	SY/MD	Ok,M
4	VSTDIC020	VY022255.D	15 May 2025 10:39	SY/MD	Ok,M
5	VSTDIC050	VY022256.D	15 May 2025 11:02	SY/MD	Ok,M
6	VSTDIC100	VY022257.D	15 May 2025 11:24	SY/MD	Ok,M
7	VSTDIC150	VY022258.D	15 May 2025 11:47	SY/MD	Ok,M
8	VIBLK	VY022259.D	15 May 2025 12:34	SY/MD	Ok
9	VSTDICV050	VY022260.D	15 May 2025 13:20	SY/MD	Ok,M
10	VY0515SBL01	VY022261.D	15 May 2025 13:44	SY/MD	Ok
11	VY0515SBS01	VY022262.D	15 May 2025 14:07	SY/MD	Ok,M
12	VY0515SBS01	VY022263.D	15 May 2025 14:29	SY/MD	Ok,M
13	Q1984-01	VY022264.D	15 May 2025 15:12	SY/MD	Ok
14	Q1984-03	VY022265.D	15 May 2025 15:35	SY/MD	Ok
15	Q1984-05	VY022266.D	15 May 2025 15:59	SY/MD	Ok
16	Q1984-07	VY022267.D	15 May 2025 16:22	SY/MD	ReRun
17	Q1984-09	VY022268.D	15 May 2025 16:46	SY/MD	Not Ok
18	Q1984-11	VY022269.D	15 May 2025 17:09	SY/MD	Not Ok
19	Q1984-13	VY022270.D	15 May 2025 17:33	SY/MD	Not Ok
20	Q1984-15	VY022271.D	15 May 2025 17:56	SY/MD	ReRun
21	Q1982-04	VY022272.D	15 May 2025 18:19	SY/MD	Ok

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QCBatch ID # VY051525

Review By	Maresh Dadoda	Review On	5/16/2025 11:49:17 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/16/2025 11:51:38 AM		
SubDirectory	VY051525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP133916			
Initial Calibration Stds		VP133918,VP133919,VP133920,VP133921,VP133922,VP133923			
CCC		VP133925			
Internal Standard/PEM		VP131783			
ICV/I.BLK		VP133924			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q1982-05	VY022273.D	15 May 2025 18:43	SY/MD	Ok
23	Q1982-06	VY022274.D	15 May 2025 19:06	SY/MD	Ok
24	VSTDCCC050	VY022275.D	15 May 2025 19:52	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY052025

Review By	Mahesh Dadoda	Review On	5/21/2025 3:43:30 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/23/2025 2:22:55 AM		
SubDirectory	VY052025	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP133969			
CCC		VP133970,VP133971			
Internal Standard/PEM		VP133934			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022328.D	20 May 2025 08:09	SY/MD	Ok
2	VSTDCCC050	VY022329.D	20 May 2025 08:40	SY/MD	Ok,M
3	VY0520SBL01	VY022330.D	20 May 2025 09:48	SY/MD	Ok
4	VY0520SBS01	VY022331.D	20 May 2025 10:21	SY/MD	Ok,M
5	VY0520SBSD01	VY022332.D	20 May 2025 10:43	SY/MD	Ok,M
6	Q2062-19	VY022333.D	20 May 2025 11:28	SY/MD	Ok
7	Q2062-23	VY022334.D	20 May 2025 11:51	SY/MD	Ok
8	Q2071-11	VY022335.D	20 May 2025 12:15	SY/MD	Ok
9	Q2056-02	VY022336.D	20 May 2025 12:38	SY/MD	Ok
10	Q2056-03	VY022337.D	20 May 2025 13:01	SY/MD	Ok
11	Q2056-04	VY022338.D	20 May 2025 13:25	SY/MD	Ok
12	Q2056-05	VY022339.D	20 May 2025 13:48	SY/MD	Not Ok
13	Q2080-02	VY022340.D	20 May 2025 14:12	SY/MD	Ok
14	Q2080-08	VY022341.D	20 May 2025 14:35	SY/MD	Ok
15	Q2032-02	VY022342.D	20 May 2025 14:59	SY/MD	Ok
16	Q2075-01	VY022343.D	20 May 2025 15:22	SY/MD	Ok
17	Q2075-02	VY022344.D	20 May 2025 15:45	SY/MD	Ok
18	Q2075-03	VY022345.D	20 May 2025 16:09	SY/MD	Ok
19	Q2084-02	VY022346.D	20 May 2025 16:32	SY/MD	Ok
20	Q2032-01	VY022347.D	20 May 2025 16:56	SY/MD	Dilution
21	Q2032-05MS	VY022348.D	20 May 2025 17:19	SY/MD	Ok,M

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QCBatch ID # VY052025

Review By	Mahesh Dadoda	Review On	5/21/2025 3:43:30 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/23/2025 2:22:55 AM		
SubDirectory	VY052025	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP133969			
CCC		VP133970,VP133971			
Internal Standard/PEM		VP133934			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q2032-06MSD	VY022349.D	20 May 2025 17:41	SY/MD	Ok,M
23	Q2075-04MS	VY022350.D	20 May 2025 18:04	SY/MD	Ok,M
24	Q2075-05MSD	VY022351.D	20 May 2025 18:26	SY/MD	Ok,M
25	VSTDCCC050	VY022352.D	20 May 2025 19:34	SY/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY052225

Review By	John Carlone	Review On	5/23/2025 11:05:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/23/2025 4:07:06 PM		
SubDirectory	VY052225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP134001			
CCC		VP134002,VP134003			
Internal Standard/PEM		VP133934			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022379.D	22 May 2025 08:05	SY/MD	Ok
2	VSTDCCC050	VY022380.D	22 May 2025 08:35	SY/MD	Ok,M
3	VY0522SBL01	VY022381.D	22 May 2025 09:07	SY/MD	Ok
4	VY0522SBS01	VY022382.D	22 May 2025 09:36	SY/MD	Ok,M
5	VY0522SBSD01	VY022383.D	22 May 2025 09:59	SY/MD	Ok,M
6	Q2087-03RE	VY022384.D	22 May 2025 10:38	SY/MD	Confirms
7	Q2101-03	VY022385.D	22 May 2025 11:01	SY/MD	Ok
8	Q2097-11RE	VY022386.D	22 May 2025 11:25	SY/MD	Confirms
9	Q2102-01	VY022387.D	22 May 2025 11:48	SY/MD	Ok
10	Q2104-01RE	VY022388.D	22 May 2025 12:11	SY/MD	Confirms
11	Q2074-01	VY022389.D	22 May 2025 12:35	SY/MD	Ok
12	Q2074-02	VY022390.D	22 May 2025 12:58	SY/MD	Ok
13	Q2074-03	VY022391.D	22 May 2025 13:22	SY/MD	Ok
14	Q2074-04	VY022392.D	22 May 2025 13:45	SY/MD	Ok
15	Q2074-05	VY022393.D	22 May 2025 14:09	SY/MD	Ok
16	Q2074-06	VY022394.D	22 May 2025 14:32	SY/MD	Ok
17	Q2074-07	VY022395.D	22 May 2025 14:55	SY/MD	Ok
18	Q2074-08	VY022396.D	22 May 2025 15:19	SY/MD	Ok
19	Q2100-01	VY022397.D	22 May 2025 15:42	SY/MD	ReRun
20	Q2100-02	VY022398.D	22 May 2025 16:06	SY/MD	Ok
21	Q2100-03	VY022399.D	22 May 2025 16:29	SY/MD	Not Ok

Instrument ID: **MSVOA_Y**

Daily Analysis Runlog For Sequence/QC Batch ID # VY052225

Review By	John Carlone	Review On	5/23/2025 11:05:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/23/2025 4:07:06 PM		
SubDirectory	VY052225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP134001			
CCC		VP134002,VP134003			
Internal Standard/PEM		VP133934			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q2100-04	VY022400.D	22 May 2025 16:53	SY/MD	Ok
23	Q2112-01	VY022401.D	22 May 2025 17:16	SY/MD	ReRun
24	Q2109-03	VY022402.D	22 May 2025 17:40	SY/MD	Ok
25	Q2075-06	VY022403.D	22 May 2025 18:03	SY/MD	Dilution
26	VIBLK	VY022404.D	22 May 2025 18:26	SY/MD	Ok
27	VSTDCCC050	VY022405.D	22 May 2025 18:49	SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM
SubDirectory	VX050525	HP Acquire Method	HP Processing Method 82X050525W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133811		
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837		
CCC			
Internal Standard/PEM			
ICV/I.BLK	VP133838		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampled	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046038.D	05 May 2025 09:37		JC/MD	Ok
2	VSTDIC001	VSTDIC001	VX046039.D	05 May 2025 10:49	Not used	JC/MD	Not Ok
3	VSTDIC005	VSTDIC005	VX046040.D	05 May 2025 11:12	Not used	JC/MD	Not Ok
4	VSTDIC020	VSTDIC020	VX046041.D	05 May 2025 11:35		JC/MD	Ok,M
5	VSTDIC050	VSTDIC050	VX046042.D	05 May 2025 11:58		JC/MD	Ok,M
6	VSTDIC100	VSTDIC100	VX046043.D	05 May 2025 12:21		JC/MD	Ok,M
7	VSTDIC150	VSTDIC150	VX046044.D	05 May 2025 12:45		JC/MD	Ok,M
8	IBLK	IBLK	VX046045.D	05 May 2025 13:08		JC/MD	Ok
9	VSTDIC005	VSTDIC005	VX046046.D	05 May 2025 16:04		JC/MD	Ok,M
10	VSTDIC001	VSTDIC001	VX046047.D	05 May 2025 16:27		JC/MD	Ok,M
11	VSTDICV050	ICVVX050525	VX046048.D	05 May 2025 16:50		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX052125

Review By	John Carlone	Review On	5/22/2025 7:44:17 AM
Supervise By	Maresh Dadoda	Supervise On	5/22/2025 8:23:40 AM
SubDirectory	VX052125	HP Acquire Method	HP Processing Method 82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133985
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133986,VP133987

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046283.D	21 May 2025 09:13		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046284.D	21 May 2025 09:55	pH#Lot#V12668	JC/MD	Ok,M
3	VX0521MBL01	VX0521MBL01	VX046285.D	21 May 2025 10:22		JC/MD	Ok
4	VX0521WBL01	VX0521WBL01	VX046286.D	21 May 2025 10:46		JC/MD	Ok
5	VX0521WBS01	VX0521WBS01	VX046287.D	21 May 2025 11:09		JC/MD	Ok,M
6	VX0521WBSD01	VX0521WBSD01	VX046288.D	21 May 2025 11:36		JC/MD	Ok,M
7	Q2065-01	VACTRUCK-728068	VX046289.D	21 May 2025 11:59	vial A pH<2 oily sample	JC/MD	Ok
8	Q2068-03	LAW-25-0074	VX046290.D	21 May 2025 12:23	vial A pH<2 turbid sample	JC/MD	Ok
9	Q2093-14	WATER-COMP	VX046291.D	21 May 2025 12:46	vial A pH<2	JC/MD	Ok
10	Q2075-07	FB-05152025	VX046292.D	21 May 2025 13:09	vial A pH<2 FB	JC/MD	Ok
11	Q2075-08	FB-05162025	VX046293.D	21 May 2025 13:32	vial A pH<2 FB	JC/MD	Ok
12	Q2082-01	BP-VPB-182-TB-20250	VX046294.D	21 May 2025 13:56	vial A pH<2 TB	JC/MD	Ok
13	Q2082-04	BP-VPB-182-GW-300-3	VX046295.D	21 May 2025 14:19	vial A+B pH<2	JC/MD	Ok
14	Q2082-12	VPB182-HYD-2025051	VX046296.D	21 May 2025 14:42	vial A pH<2	JC/MD	Ok
15	Q2082-02	BP-VPB-182-GW-260-2	VX046297.D	21 May 2025 15:05	vial A pH<2	JC/MD	Ok
16	Q2082-03	BP-VPB-182-GW-280-2	VX046298.D	21 May 2025 15:29	vial A pH<2	JC/MD	Ok
17	Q2082-05	BP-VPB-182-GW-320-3	VX046299.D	21 May 2025 15:52	vial A pH<2	JC/MD	Ok
18	Q2082-07	BP-VPB-182-GW-360-3	VX046300.D	21 May 2025 16:15	vial A pH<2	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX052125

Review By	John Carlone	Review On	5/22/2025 7:44:17 AM
Supervise By	Maresh Dadoda	Supervise On	5/22/2025 8:23:40 AM
SubDirectory	VX052125	HP Acquire Method	HP Processing Method 82X050525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133985		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133986,VP133987		

19	Q2082-08	BP-VPB-182-GW-390-3	VX046301.D	21 May 2025 16:39	vial A pH<2	JC/MD	Ok
20	Q2088-01	252820	VX046302.D	21 May 2025 17:02	vial A pH<2	JC/MD	Ok
21	Q2096-01	50684	VX046303.D	21 May 2025 17:25	vial A pH<2 Very foamy sample	JC/MD	Ok
22	Q2102-03	LAW-25-0078	VX046304.D	21 May 2025 17:48	Need Straight Run	JC/MD	Not Ok
23	IBLK	IBLK	VX046305.D	21 May 2025 18:12		JC/MD	Ok
24	Q2082-09	BP-VPB-182-GW-400-4	VX046306.D	21 May 2025 18:35	vial A pH<2	JC/MD	Ok
25	Q2082-10MS	BP-VPB-182-GW-400-4	VX046307.D	21 May 2025 18:58	vial A pH<2	JC/MD	Ok,M
26	Q2082-11MSD	BP-VPB-182-GW-400-4	VX046308.D	21 May 2025 19:21	vial A pH<2	JC/MD	Ok,M
27	VSTDCCC050	VSTDCCC050EC	VX046309.D	21 May 2025 19:44		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX052325

Review By	John Carlone	Review On	5/23/2025 4:14:57 PM
Supervise By	Semsettin Yesilyurt	Supervise On	5/26/2025 5:42:25 AM
SubDirectory	VX052325	HP Acquire Method	HP Processing Method 82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP134008
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134009,VP134010

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046330.D	23 May 2025 08:25		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046331.D	23 May 2025 09:24	pH#Lot#V12668	JC/MD	Ok,M
3	VX0523MBL01	VX0523MBL01	VX046332.D	23 May 2025 09:53		JC/MD	Ok
4	VX0523WBL01	VX0523WBL01	VX046333.D	23 May 2025 10:16		JC/MD	Ok
5	VX0523WBS01	VX0523WBS01	VX046334.D	23 May 2025 10:57		JC/MD	Ok,M
6	VX0523MBS01	VX0523MBS01	VX046335.D	23 May 2025 11:23		JC/MD	Ok,M
7	Q2075-06ME	SS-MW1-11.5ME	VX046336.D	23 May 2025 11:46		JC/MD	Ok
8	VX0523WBSD01	VX0523WBSD01	VX046337.D	23 May 2025 12:10		JC/MD	Ok,M
9	Q2120-01	VPB182-HYD-2025052	VX046338.D	23 May 2025 12:33	vial A pH<2	JC/MD	Ok
10	Q2120-02	BP-VPB-182-EB-20250	VX046339.D	23 May 2025 12:56	vial A pH<2 EB,Hit of com.#16	JC/MD	ReRun
11	Q2118-01	BP-VPB-182-TB-20250	VX046340.D	23 May 2025 13:20	vial A pH<2 TB	JC/MD	Ok
12	Q2118-05	BP-VPB-182-GW-460-4	VX046341.D	23 May 2025 13:43	vial A pH<2	JC/MD	Ok
13	Q2118-02	BP-VPB-182-GW-420-4	VX046342.D	23 May 2025 14:06	vial A pH<2	JC/MD	Ok
14	Q2118-03	BP-VPB-182-GW-450-4	VX046343.D	23 May 2025 14:29	vial A pH<2	JC/MD	Ok
15	Q2118-04	BP-VPB-182-DUP-2025	VX046344.D	23 May 2025 14:53	vial A pH<2	JC/MD	Ok
16	Q2118-06	BP-VPB-182-GW-480-4	VX046345.D	23 May 2025 15:16	vial A pH<2	JC/MD	Ok
17	Q2118-08	BP-VPB-182-GW-520-5	VX046346.D	23 May 2025 15:39	vial A pH<2	JC/MD	Ok
18	Q2118-09	BP-VPB-182-GW-540-5	VX046347.D	23 May 2025 16:03	vial A pH<2	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX052325

Review By	John Carlone	Review On	5/23/2025 4:14:57 PM
Supervise By	Semsettin Yesilyurt	Supervise On	5/26/2025 5:42:25 AM
SubDirectory	VX052325	HP Acquire Method	HP Processing Method 82X050525W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP134008		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134009,VP134010		

19	Q2118-10	BP-VPB-182-GW-560-5	VX046348.D	23 May 2025 16:26	vial A pH<2	JC/MD	Ok
20	Q2114-02	FB	VX046349.D	23 May 2025 16:49	vial A pH<2 FB	JC/MD	Ok
21	Q2106-01	TW-WTS-09	VX046350.D	23 May 2025 17:12	vial A pH<2	JC/MD	Ok
22	Q2114-01	GAW1	VX046351.D	23 May 2025 17:36	vial A pH<2	JC/MD	Ok
23	Q2123-01	STORAGE-BLANK-SO	VX046352.D	23 May 2025 17:59	vial A pH<2	JC/MD	Ok
24	Q2123-02	STORAGE-BLANK-WA	VX046353.D	23 May 2025 18:22	vial A pH<2	JC/MD	Ok
25	Q2123-03	STORAGE-BLANK-WA	VX046354.D	23 May 2025 18:45	vial A pH<2	JC/MD	Ok
26	Q2123-04	STORAGE-BLANK-SAI	VX046355.D	23 May 2025 19:09	vial A pH<2	JC/MD	Ok
27	Q2120-02	BP-VPB-182-EB-20250	VX046356.D	23 May 2025 19:32	vial B pH<2 EB	JC/MD	Ok
28	VSTDCCC050	VSTDCCC050EC	VX046357.D	23 May 2025 19:55		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY051525

Review By	Mahesh Dadoda	Review On	5/16/2025 11:49:17 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	5/16/2025 11:51:38 AM				
SubDirectory	VY051525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m		
STD. NAME		STD REF.#					
Tune/Reschk		VP133916					
Initial Calibration Stds		VP133918,VP133919,VP133920,VP133921,VP133922,VP133923					
CCC		VP133925					
Internal Standard/PEM		VP131783					
ICV/I.BLK		VP133924					
Surrogate Standard							
MS/MSD Standard							
LCS Standard							

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022252.D	15 May 2025 07:52		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY022253.D	15 May 2025 09:46		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY022254.D	15 May 2025 10:16		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY022255.D	15 May 2025 10:39		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY022256.D	15 May 2025 11:02		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY022257.D	15 May 2025 11:24		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY022258.D	15 May 2025 11:47		SY/MD	Ok,M
8	VIBLK	VIBLK	VY022259.D	15 May 2025 12:34		SY/MD	Ok
9	VSTDICV050	ICVVY051525	VY022260.D	15 May 2025 13:20		SY/MD	Ok,M
10	VY0515SBL01	VY0515SBL01	VY022261.D	15 May 2025 13:44		SY/MD	Ok
11	VY0515SBS01	VY0515SBS01	VY022262.D	15 May 2025 14:07		SY/MD	Ok,M
12	VY0515SBSD01	VY0515SBSD01	VY022263.D	15 May 2025 14:29		SY/MD	Ok,M
13	Q1984-01	OU4-PCS-TC-33-05072	VY022264.D	15 May 2025 15:12	vial-A	SY/MD	Ok
14	Q1984-03	OU4-PCS-TC-34-05072	VY022265.D	15 May 2025 15:35	vial-A	SY/MD	Ok
15	Q1984-05	OU4-PCS-TC-35-05072	VY022266.D	15 May 2025 15:59	vial-A	SY/MD	Ok
16	Q1984-07	OU4-TS-24-050725	VY022267.D	15 May 2025 16:22	vial-A Surrogate fail	SY/MD	ReRun
17	Q1984-09	OU4-TS-25-050725	VY022268.D	15 May 2025 16:46	vial-A Surrogate fail	SY/MD	Not Ok
18	Q1984-11	OU4-TS-26-050725	VY022269.D	15 May 2025 17:09	vial-A Surrogate fail	SY/MD	Not Ok

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY051525

Review By	Mahesh Dadoda	Review On	5/16/2025 11:49:17 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/16/2025 11:51:38 AM		
SubDirectory	VY051525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME		STD REF.#			
Tune/Reschk		VP133916			
Initial Calibration Stds		VP133918,VP133919,VP133920,VP133921,VP133922,VP133923			
CCC		VP133925			
Internal Standard/PEM		VP131783			
ICV/I.BLK		VP133924			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q1984-13	OU4-TS-27-050725	VY022270.D	15 May 2025 17:33	vial-A Surrogate fail	SY/MD	Not Ok
20	Q1984-15	OU4-TS-28-050725	VY022271.D	15 May 2025 17:56	vial-A Surrogate fail	SY/MD	ReRun
21	Q1982-04	TP-4	VY022272.D	15 May 2025 18:19	vial-A	SY/MD	Ok
22	Q1982-05	TP-5	VY022273.D	15 May 2025 18:43	vial-A	SY/MD	Ok
23	Q1982-06	TP-6	VY022274.D	15 May 2025 19:06	vial-A	SY/MD	Ok
24	VSTDCCC050	VSTDCCC050EC	VY022275.D	15 May 2025 19:52		SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY052025

Review By	Maresh Dadoda	Review On	5/21/2025 3:43:30 PM
Supervise By	Semsettin Yesilyurt	Supervise On	5/23/2025 2:22:55 AM
SubDirectory	VY052025	HP Acquire Method	MSVOA_Y HP Processing Method 82y051525s.m

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133969
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133970,VP133971 VP133934

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022328.D	20 May 2025 08:09		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022329.D	20 May 2025 08:40		SY/MD	Ok,M
3	VY0520SBL01	VY0520SBL01	VY022330.D	20 May 2025 09:48		SY/MD	Ok
4	VY0520SBS01	VY0520SBS01	VY022331.D	20 May 2025 10:21		SY/MD	Ok,M
5	VY0520SBSD01	VY0520SBSD01	VY022332.D	20 May 2025 10:43		SY/MD	Ok,M
6	Q2062-19	L1-WC-5-VOC	VY022333.D	20 May 2025 11:28	vial-B	SY/MD	Ok
7	Q2062-23	L1-WC-6-VOC	VY022334.D	20 May 2025 11:51	vial-B	SY/MD	Ok
8	Q2071-11	L1-WC-9-VOC	VY022335.D	20 May 2025 12:15	vial-B	SY/MD	Ok
9	Q2056-02	GVD12	VY022336.D	20 May 2025 12:38	vial-B	SY/MD	Ok
10	Q2056-03	GVD13	VY022337.D	20 May 2025 13:01	vial-B	SY/MD	Ok
11	Q2056-04	GVD14	VY022338.D	20 May 2025 13:25	vial-A	SY/MD	Ok
12	Q2056-05	GVD15	VY022339.D	20 May 2025 13:48	vial-A Internal standard fail	SY/MD	Not Ok
13	Q2080-02	PL-HRH-VOC-01	VY022340.D	20 May 2025 14:12	vial-A	SY/MD	Ok
14	Q2080-08	PL-HRH-VOC-02	VY022341.D	20 May 2025 14:35	vial-A	SY/MD	Ok
15	Q2032-02	TP-29	VY022342.D	20 May 2025 14:59	vial-A	SY/MD	Ok
16	Q2075-01	SS-10	VY022343.D	20 May 2025 15:22	vial-A	SY/MD	Ok
17	Q2075-02	SS-910	VY022344.D	20 May 2025 15:45	vial-A	SY/MD	Ok
18	Q2075-03	SS-11	VY022345.D	20 May 2025 16:09	vial-A	SY/MD	Ok

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY052025

Review By	Mahesh Dadoda	Review On	5/21/2025 3:43:30 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/23/2025 2:22:55 AM		
SubDirectory	VY052025	HP Acquire Method	MSVOA_Y	HP Processing Method	82y051525s.m
STD. NAME		STD REF.#			
Tune/Reschk Initial Calibration Stds		VP133969			
CCC		VP133970,VP133971			
Internal Standard/PEM		VP133934			
ICV/I.BLK					
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q2084-02	OR-640-VOC-66	VY022346.D	20 May 2025 16:32	vial-A	SY/MD	Ok
20	Q2032-01	TP-11	VY022347.D	20 May 2025 16:56	vial-A Surrogate fail;Need MeOH	SY/MD	Dilution
21	Q2032-05MS	TP-24MS	VY022348.D	20 May 2025 17:19	vial-B	SY/MD	Ok,M
22	Q2032-06MSD	TP-24MSD	VY022349.D	20 May 2025 17:41	vial-B Internal standard fail	SY/MD	Ok,M
23	Q2075-04MS	SS-11MS	VY022350.D	20 May 2025 18:04	vial-A	SY/MD	Ok,M
24	Q2075-05MSD	SS-11MSD	VY022351.D	20 May 2025 18:26	vial-A	SY/MD	Ok,M
25	VSTDCCC050	VSTDCCC050EC	VY022352.D	20 May 2025 19:34	ENDCCC failed for com.#06	SY/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY052225

Review By	John Carlone	Review On	5/23/2025 11:05:57 AM
Supervise By	Maresh Dadoda	Supervise On	5/23/2025 4:07:06 PM
SubDirectory	VY052225	HP Acquire Method	MSVOA_Y HP Processing Method 82y051525s.m

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP134001
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP134002,VP134003 VP133934

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022379.D	22 May 2025 08:05		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022380.D	22 May 2025 08:35		SY/MD	Ok,M
3	VY0522SBL01	VY0522SBL01	VY022381.D	22 May 2025 09:07		SY/MD	Ok
4	VY0522SBS01	VY0522SBS01	VY022382.D	22 May 2025 09:36		SY/MD	Ok,M
5	VY0522SBSD01	VY0522SBSD01	VY022383.D	22 May 2025 09:59		SY/MD	Ok,M
6	Q2087-03RE	NB-08-05202025RE	VY022384.D	22 May 2025 10:38	vial-B ,Internal Standard Fail	SY/MD	Confirms
7	Q2101-03	TP-1-MHE-VOC	VY022385.D	22 May 2025 11:01	vial-B	SY/MD	Ok
8	Q2097-11RE	RT3419RE	VY022386.D	22 May 2025 11:25	vial-B ,Internal Standard Fail	SY/MD	Confirms
9	Q2102-01	LAW-25-0077	VY022387.D	22 May 2025 11:48	vial-B	SY/MD	Ok
10	Q2104-01RE	TR-06-052125RE	VY022388.D	22 May 2025 12:11	vial-B ,Internal Standard Fail; Surrogate Fail	SY/MD	Confirms
11	Q2074-01	TP-12	VY022389.D	22 May 2025 12:35	vial-A	SY/MD	Ok
12	Q2074-02	TP-7	VY022390.D	22 May 2025 12:58	vial-A	SY/MD	Ok
13	Q2074-03	TP-15	VY022391.D	22 May 2025 13:22	vial-A	SY/MD	Ok
14	Q2074-04	TP-20	VY022392.D	22 May 2025 13:45	vial-A	SY/MD	Ok
15	Q2074-05	TP-38	VY022393.D	22 May 2025 14:09	vial-A	SY/MD	Ok
16	Q2074-06	TP-19	VY022394.D	22 May 2025 14:32	vial-A	SY/MD	Ok
17	Q2074-07	TP-40	VY022395.D	22 May 2025 14:55	vial-A	SY/MD	Ok

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QC Batch ID # VY052225

Review By	John Carlone	Review On	5/23/2025 11:05:57 AM
Supervise By	Maresh Dadoda	Supervise On	5/23/2025 4:07:06 PM
SubDirectory	VY052225	HP Acquire Method	MSVOA_Y HP Processing Method 82y051525s.m
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP134001		
CCC	VP134002,VP134003		
Internal Standard/PEM	VP133934		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	Q2074-08	TP-18	VY022396.D	22 May 2025 15:19	vial-A	SY/MD	Ok
19	Q2100-01	TP-16	VY022397.D	22 May 2025 15:42	vial-A ,Internal Standard Fail	SY/MD	ReRun
20	Q2100-02	TP-22	VY022398.D	22 May 2025 16:06	vial-A	SY/MD	Ok
21	Q2100-03	TP-21	VY022399.D	22 May 2025 16:29	vial-A ,Not purge	SY/MD	Not Ok
22	Q2100-04	TP-45	VY022400.D	22 May 2025 16:53	vial-A	SY/MD	Ok
23	Q2112-01	EO-03-05222025	VY022401.D	22 May 2025 17:16	vial-A ,Internal Standard Fail	SY/MD	ReRun
24	Q2109-03	TP-02-MHF-VOC	VY022402.D	22 May 2025 17:40	vial-A	SY/MD	Ok
25	Q2075-06	SS-MW1-11.5	VY022403.D	22 May 2025 18:03	vial-A ,Need MeOH	SY/MD	Dilution
26	VIBLK	VIBLK	VY022404.D	22 May 2025 18:26		SY/MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VY022405.D	22 May 2025 18:49		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 05/19/2025
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: 05/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135825

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
Q1984-19	OU4-TB01-050725	1	1.00	1.00	2.00	2.00	100.0	T.B.
Q2074-01	TP-12	2	1.18	10.28	11.46	9.76	83.5	
Q2074-02	TP-7	3	1.18	10.15	11.33	10.18	88.7	
Q2074-03	TP-15	4	1.13	10.33	11.46	10.12	87.0	
Q2074-04	TP-20	5	1.12	10.65	11.77	10.1	84.3	
Q2074-05	TP-38	6	1.18	10.19	11.37	9.53	81.9	
Q2074-06	TP-19	7	1.16	10.12	11.28	9.85	85.9	
Q2074-07	TP-40	8	1.14	9.89	11.03	9.96	89.2	
Q2074-08	TP-18	9	1.15	10.16	11.31	9.07	78.0	
Q2075-01	SS-10	10	1.16	10.56	11.72	9.59	79.8	
Q2075-02	SS-910	11	1.17	10.05	11.22	9.34	81.3	
Q2075-03	SS-11	12	1.18	10.51	11.69	10.37	87.4	
Q2075-04	Q2075-03MS	13	1.18	10.51	11.69	10.37	87.4	
Q2075-05	Q2075-03MSD	14	1.18	10.51	11.69	10.37	87.4	
Q2075-06	SS-MW1-11.5	15	1.14	10.00	11.14	10.24	91.0	
Q2076-01	OILY-DEBRIS	16	1.00	1.00	2.00	2.00	100.0	oily-debris
Q2080-01	PL-HRH-COMP-01	17	1.13	10.62	11.75	10.32	86.5	
Q2080-02	PL-HRH-VOC-01	18	1.17	10.22	11.39	9.6	82.5	
Q2080-03	PL-HRH-01	19	1.12	10.77	11.89	10.16	83.9	
Q2080-04	PL-HRH-02	20	1.16	10.40	11.56	9.82	83.3	
Q2080-05	PL-HRH-03	21	1.15	10.00	11.15	9.43	82.8	
Q2080-07	PL-HRH-COMP-02	22	1.19	10.46	11.65	9.62	80.6	
Q2080-08	PL-HRH-VOC-02	23	1.14	10.76	11.9	9.8	80.5	
Q2080-09	PL-HRH-04	24	1.16	10.70	11.86	9.55	78.4	
Q2080-10	PL-HRH-05	25	1.19	10.43	11.62	9.52	79.9	
Q2080-11	PL-HRH-06	26	1.13	10.74	11.87	10.2	84.5	
Q2081-01	CAULK	27	1.00	1.00	2.00	2.00	100.0	caluk

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

W 135825

WorkList Name : %1-051925 WorkList ID : 189586 Department : Wet-Chemistry Date : 05-19-2025 08:23:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1984-19	OU4-TB01-050725	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	05/07/2025	Chemtech -SO
Q2074-01	TP-12	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-02	TP-7	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-03	TP-15	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-04	TP-20	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-05	TP-38	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-06	TP-19	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-07	TP-40	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-08	TP-18	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2075-01	SS-10	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/15/2025	Chemtech -SO
Q2075-02	SS-910	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/15/2025	Chemtech -SO
Q2075-03	SS-11	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/15/2025	Chemtech -SO
Q2075-04	Q2075-03MS	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/15/2025	Chemtech -SO
Q2075-05	Q2075-03MSD	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/15/2025	Chemtech -SO
Q2075-06	SS-MW1-11.5	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/15/2025	Chemtech -SO
Q2076-01	OILY-DEBRIS	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-01	PL-HRH-COMP-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-02	PL-HRH-VOC-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-03	PL-HRH-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-04	PL-HRH-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-05	PL-HRH-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO

Date/Time 05-19-25 15:35
 Raw Sample Received by: W 135825
 Raw Sample Relinquished by: W 135825

WORKLIST(Hardcopy Internal Chain)

135825

WorkList Name : %1-051925 WorkList ID : 189586 Department : Wet-Chemistry Date : 05-19-2025 08:23:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2080-07	PL-HRH-COMP-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-08	PL-HRH-VOC-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-09	PL-HRH-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-10	PL-HRH-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-11	PL-HRH-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2081-01	CAULK	Solid	Percent Solids	Cool 4 deg C	ATCE02	L31	05/19/2025	Chemtech -SO

151255

Date/Time 05-19-25
 Raw Sample Received by: SP
 Raw Sample Relinquished by: SP

Date/Time 05-19-25
 Raw Sample Received by: CP
 Raw Sample Relinquished by: SP

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	Q2075-01	41.10-33.35=7.75	13:01	41.48-32.95=8.53	13:02	35.44-27.76=7.68	13:03	V14143	05/19/2025	8260 TERRACORE SAMPLES
2	Q2075-02	41.15-33.13=8.02	13:47	40.14-32.48=7.66	13:48	35.62-27.77=7.85	13:49	V14143	05/19/2025	
3	Q2075-03	38.42-32.67=5.75	13:50	41.40-32.81=8.59	13:51	36.13-27.70=8.43	13:52	V14143	05/19/2025	
4	Q2075-04	41.48-33.06=8.42	13:09	40.19-32.99=7.2	13:10	35.99-27.98=8.01	13:11	V14143	05/19/2025	
5	Q2075-05	41.19-32.86=8.33	13:13	41.59-32.75=8.84	13:13	36.20-28.00=8.2	13:14	V14143	05/19/2025	
6	Q2075-06	39.61-32.57=7.04	13:15	40.51-33.10=7.41	13:17	36.08-27.72=8.36	13:17	V14143	05/19/2025	

Instructions : For medium Level analysis, 5ml MeOH added for CLP(SOM/SFAM) method and 10ml for regular 8260.

If the samples are not to be analyzed within 48hrs of sampling, preserve samples immediately, Vials A and B are stored in the VOA-FRZ-2.

Vial C - MeOH preserved vials are kept in VOA-REF #6.



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: CDM Smith
ADDRESS: 110 Fieldcrest Ave. #8 6th Floor
CITY Edison STATE: NJ ZIP: 08817
ATTENTION: M. Encinas
PHONE: 732 590 4679 FAX:

PROJECT NAME: UTEN UST
PROJECT NO.: LOCATION: Mt. Vernon NJ
PROJECT MANAGER: M. Encinas
e-mail: Encinas MA@cdm.smith.com
PHONE: 732 590 4679 FAX:

BILL TO: CDM Smith PO#:
ADDRESS: 110 Fieldcrest Ave #8 6th Floor
CITY Edison STATE: NJ ZIP: 08817
ATTENTION: M. Encinas PHONE: 732 590 4679

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 business 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. PAUSE & JOC
2. Table 3
3. Table 3

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		1	2	3	4	5	6	7	8	9	
1.	FB-05152025	Ag		✓	5/15/25	1230	3	✓	✓								CP-51 Table 3 Per email and see attached
2.	SS-10	Sol		✓	5/15/25	1310	5	✓	✓								
3.	SS-910	Sol		✓	5/15/25	1315	5	✓	✓								
4.	SS-11 (MS/MSB)	Sol		✓	5/15/25	1400	15	✓	✓								
5.	SS-MW-11.5	Sol		✓	5/16/25	0835	5	✓	✓								
6.	FB-05162025	Ag		✓	5/16/25	1535	3	✓	✓								
7.																	
8.																	
9.																	
10.																	

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 <u>2.4 °C</u>
1. <u>GC</u>	<u>5/15/25 1555</u>	1. <u>[Signature]</u>	Comments: <u>IR Con #1</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3.		3.	

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

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 : Q2075	CAMP02	Order Date : 5/16/2025 4:10:00 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 : 5/16/2025 3:55:00 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
Q2075-01	SS-10	Solid	05/15/2025	~~12:30~~ 13:10	VOCMS Group3		8260D	~~10 Bus. Days~~	5 days
Q2075-02	SS-910	Solid	05/15/2025	~~13:10~~ 13:15	VOCMS Group3		8260D	~~10 Bus. Days~~	
Q2075-03	SS-11	Solid	05/15/2025	~~13:15~~ 14:00	VOCMS Group3		8260D	~~40 Bus. Days~~	
Q2075-04	Q2075-03MS	Solid	05/15/2025	~~13:15~~ 14:00	VOCMS Group3		8260D	~~10 Bus. Days~~	
Q2075-05	Q2075-03MSD	Solid	05/15/2025	~~13:15~~ 14:00	VOCMS Group3		8260D	~~40 Bus. Days~~	
Q2075-06	SS-MW1-11.5	Solid	05/16/2025	08:35	VOCMS Group3		8260D	~~40 Bus. Days~~	
Q2075-07	FB-05152025	Water	05/15/2025	12:30	VOCMS Group3		8260-Low	~~10 Bus. Days~~	
Q2075-08	FB-05162025	Water	05/16/2025	15:35					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2075	CAMP02	Order Date : 5/16/2025 4:10:00 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 : 5/16/2025 3:55:00 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		8260-Low	40 Bus. Days	5 Days

Relinquished By : cl

Date / Time : 5/19/25 11:30

Received By : Iram

Date / Time : 05/19/25 11:30

Storage Area : VOA Refridgerator Room

Ref # 6
522
Ref # 4