

Cover Page

Order ID : Q1803

Project ID : NYC DOT Harper Street Yard North

Client : Scalamandre – Tully JV

Lab Sample Number

Q1803-01
Q1803-02

Client Sample Number

WEST-BAY
FUEL-MONITORING

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: 4/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1803

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: KETAN PATEL

Date: 04/15/2025

LAB CHRONICLE

OrderID:	Q1803	OrderDate:	4/14/2025 12:10:17 PM
Client:	Scalamandre – Tully JV	Project:	NYC DOT Harper Street Yard North
Contact:	William J. Muenckler	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1803-01	WEST-BAY	TCLP	TCLP VOA	8260D	04/10/25		04/16/25	04/14/25
Q1803-02	FUEL-MONITORING	TCLP	TCLP VOA	8260D	04/10/25		04/16/25	04/14/25

Hit Summary Sheet
SW-846

SDG No.: Q1803

Client: Scalamandre – Tully JV

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q1803-01	WEST-BAY WEST-BAY	TCLP	2-Butanone	9.40	J	0.98	25.0	ug/L
			Total Voc :	9.40				
			Total Concentration:	9.40				
Client ID: Q1803-02	FUEL-MONITORING FUEL-MONITORING	TCLP	2-Butanone	9.50	J	0.98	25.0	ug/L
			Total Voc :	9.50				
			Total Concentration:	9.50				



QC SUMMARY

Surrogate Summary

SDG No.: Q1803

Client: Scalamandre – Tully JV

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1803-01	WEST-BAY	1,2-Dichloroethane-d4	50	52.4	105	74	125
		Dibromofluoromethane	50	50.0	100	75	124
		Toluene-d8	50	51.2	102	86	113
		4-Bromofluorobenzene	50	55.3	111	77	121
Q1803-02	FUEL-MONITORING	1,2-Dichloroethane-d4	50	53.4	107	74	125
		Dibromofluoromethane	50	51.5	103	75	124
		Toluene-d8	50	51.5	103	86	113
		4-Bromofluorobenzene	50	54.5	109	77	121

Surrogate Summary

SDG No.: Q1803

Client: Scalamandre – Tully JV

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
VX0416WBL01	VX0416WBL01	1,2-Dichloroethane-d4	50	53.0	106	74	125
		Dibromofluoromethane	50	50.5	101	75	124
		Toluene-d8	50	49.6	99	86	113
		4-Bromofluorobenzene	50	51.9	104	77	121
VX0416WBS01	VX0416WBS01	1,2-Dichloroethane-d4	50	53.5	107	74	125
		Dibromofluoromethane	50	52.4	105	75	124
		Toluene-d8	50	51.6	103	86	113
		4-Bromofluorobenzene	50	54.3	108	77	121
VX0416WBSD0	VX0416WBSD01	1,2-Dichloroethane-d4	50	54.1	108	74	125
		Dibromofluoromethane	50	53.5	107	75	124
		Toluene-d8	50	51.1	102	86	113
		4-Bromofluorobenzene	50	54.4	109	77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1803

Client: Scalamandre – Tully JV

Analytical Method: SW8260-Low

Datafile : VX045800.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0416WBS01	Vinyl chloride	20	17.8	ug/L	89			65	117	
	1,1-Dichloroethene	20	18.4	ug/L	92			74	110	
	2-Butanone	100	98.8	ug/L	99			65	122	
	Carbon Tetrachloride	20	19.9	ug/L	100			77	113	
	Chloroform	20	19.7	ug/L	99			79	113	
	Benzene	20	18.9	ug/L	95			82	109	
	1,2-Dichloroethane	20	20.3	ug/L	102			80	115	
	Trichloroethene	20	19.3	ug/L	97			77	113	
	Tetrachloroethene	20	19.2	ug/L	96			67	123	
	Chlorobenzene	20	19.4	ug/L	97			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1803

Client: Scalamandre – Tully JV

Analytical Method: SW8260-Low

Datafile : VX045801.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0416WBSD01	Vinyl chloride	20	17.2	ug/L	86	3		65	117	20
	1,1-Dichloroethene	20	18.0	ug/L	90	2		74	110	20
	2-Butanone	100	110	ug/L	110	11		65	122	20
	Carbon Tetrachloride	20	19.8	ug/L	99	1		77	113	20
	Chloroform	20	20.0	ug/L	100	1		79	113	20
	Benzene	20	19.1	ug/L	96	1		82	109	20
	1,2-Dichloroethane	20	21.0	ug/L	105	3		80	115	20
	Trichloroethene	20	18.6	ug/L	93	4		77	113	20
	Tetrachloroethene	20	19.4	ug/L	97	1		67	123	20
	Chlorobenzene	20	19.7	ug/L	99	2		82	109	20

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0416WBL01

Lab Name: CHEMTECH

Contract: SCAL01

Lab Code: CHEM Case No.: Q1803

SAS No.: Q1803 SDG NO.: Q1803

Lab File ID: VX045799.D

Lab Sample ID: VX0416WBL01

Date Analyzed: 04/16/2025

Time Analyzed: 11:47

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
VX0416WBS01	VX0416WBS01	VX045800.D	04/16/2025
VX0416WBSD01	VX0416WBSD01	VX045801.D	04/16/2025
WEST-BAY	Q1803-01	VX045809.D	04/16/2025
FUEL-MONITORING	Q1803-02	VX045810.D	04/16/2025

COMMENTS: _____



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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCAL01
Lab Code: CHEM Case No.: Q1803 SAS No.: Q1803 SDG NO.: Q1803
Lab File ID: VX045524.D BFB Injection Date: 04/01/2025
Instrument ID: MSVOA_X BFB Injection Time: 16:15
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

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

1-Value is % mass 174

2-Value is % mass 176

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

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



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCAL01
Lab Code: CHEM Case No.: Q1803 SAS No.: Q1803 SDG NO.: Q1803
Lab File ID: VX045796.D BFB Injection Date: 04/16/2025
Instrument ID: MSVOA_X BFB Injection Time: 08:26
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	22.6
75	30.0 - 60.0% of mass 95	56.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.9 (1.3) 1
174	50.0 - 100.0% of mass 95	67
175	5.0 - 9.0% of mass 174	5 (7.5) 1
176	95.0 - 101.0% of mass 174	64.6 (96.5) 1
177	5.0 - 9.0% of mass 176	4.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045797.D	04/16/2025	09:28
VX0416WBL01	VX0416WBL01	VX045799.D	04/16/2025	11:47
VX0416WBS01	VX0416WBS01	VX045800.D	04/16/2025	12:11
VX0416WBSD01	VX0416WBSD01	VX045801.D	04/16/2025	12:39
WEST-BAY	Q1803-01	VX045809.D	04/16/2025	15:44
FUEL-MONITORING	Q1803-02	VX045810.D	04/16/2025	16:08

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCAL01
 Lab Code: CHEM Case No.: Q1803 SAS No.: Q1803 SDG NO.: Q1803
 Lab File ID: VX045797.D Date Analyzed: 04/16/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:28
 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	85794	5.54	152447	6.75	137129	10.05
UPPER LIMIT	171588	6.038	304894	7.251	274258	10.549
LOWER LIMIT	42897	5.038	76223.5	6.251	68564.5	9.549
EPA SAMPLE NO.						
WEST-BAY	69844	5.54	135925	6.76	130866	10.05
FUEL-MONITORING	70968	5.55	138987	6.76	132459	10.05
VX0416WBL01	72471	5.54	141858	6.76	129459	10.05
VX0416WBS01	91256	5.54	163123	6.76	144629	10.05
VX0416WBSD01	87856	5.54	155557	6.76	137506	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: SCAL01
 Lab Code: CHEM Case No.: Q1803 SAS No.: Q1803 SDG NO.: Q1803
 Lab File ID: VX045797.D Date Analyzed: 04/16/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:28
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	66178	12.018				
UPPER LIMIT	132356	12.518				
LOWER LIMIT	33089	11.518				
EPA SAMPLE NO.						
WEST-BAY	57353	12.02				
FUEL-MONITORING	56662	12.02				
VX0416WBL01	56266	12.02				
VX0416WBS01	66591	12.02				
VX0416WBSD01	65216	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.



SAMPLE DATA

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	WEST-BAY	SDG No.:	Q1803
Lab Sample ID:	Q1803-01	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045809.D	1		04/16/25 15:44	VX041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	9.40	J	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	51.2		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69800	5.544			
540-36-3	1,4-Difluorobenzene	136000	6.757			
3114-55-4	Chlorobenzene-d5	131000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	57400	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\VX041625\
 Data File : VX045809.D
 Acq On : 16 Apr 2025 15:44
 Operator : JC/MD
 Sample : Q1803-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-BAY

Quant Time: Apr 17 01:37:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

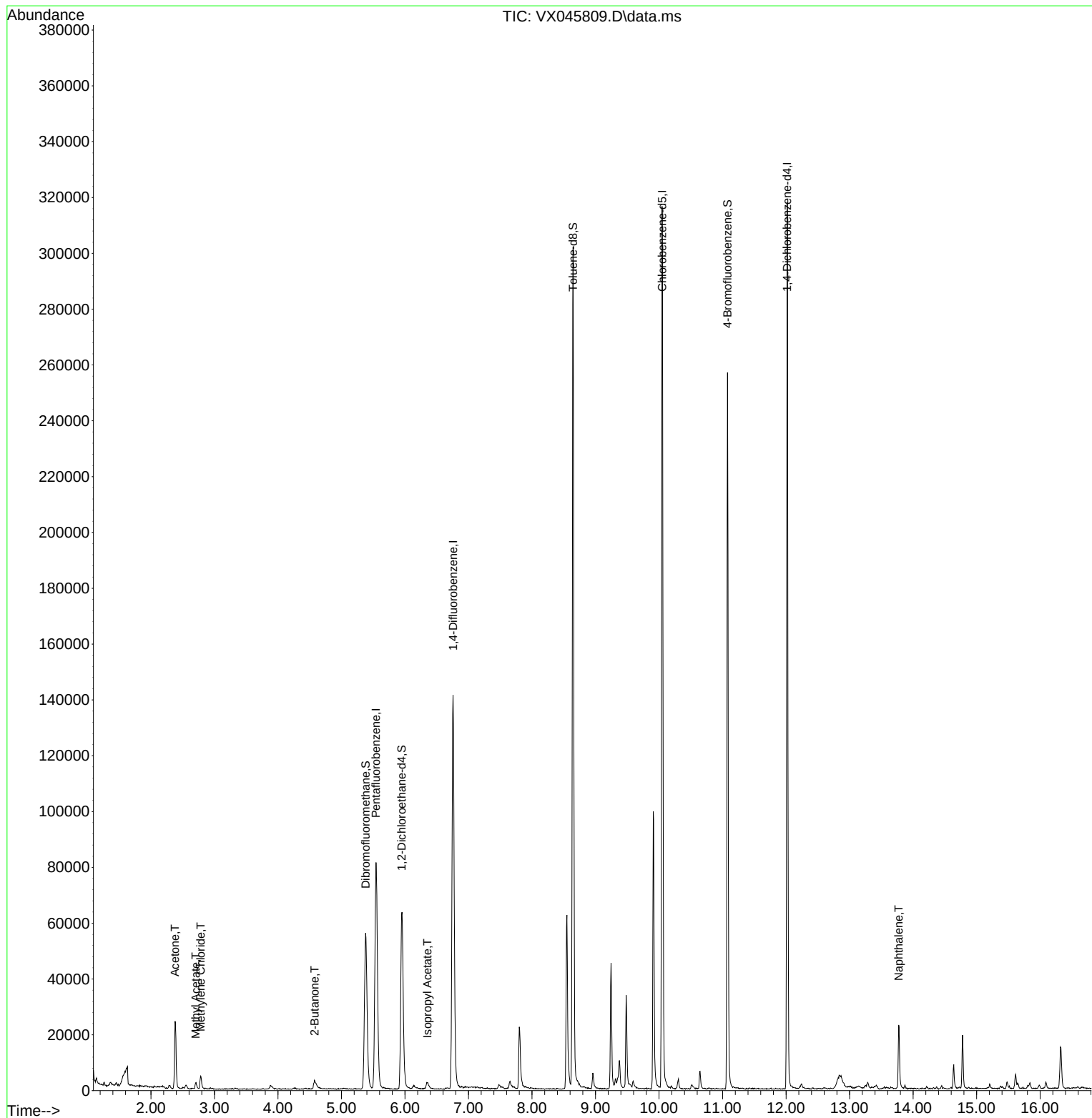
Internal Standards						
1) Pentafluorobenzene	5.544	168	69844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66920	52.393	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.780%	
35) Dibromofluoromethane	5.379	113	48217	49.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.000%	
50) Toluene-d8	8.647	98	172461	51.235	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	11.079	95	67839	55.329	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.660%	
Target Compounds						Qvalue
16) Acetone	2.380	43	27207	51.874	ug/l	99
18) Methyl Acetate	2.703	43	3061	2.535	ug/l	98
20) Methylene Chloride	2.782	84	2106	2.145	ug/l #	92
25) 2-Butanone	4.574	43	7197	9.374	ug/l	97
43) Isopropyl Acetate	6.354	43	4289	1.725	ug/l #	91
95) Naphthalene	13.774	128	16611	4.174	ug/l	100

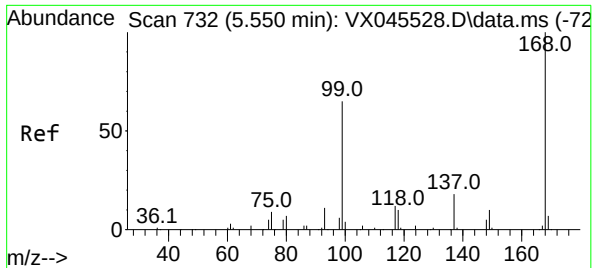
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045809.D
Acq On : 16 Apr 2025 15:44
Operator : JC/MD
Sample : Q1803-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

Quant Time: Apr 17 01:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

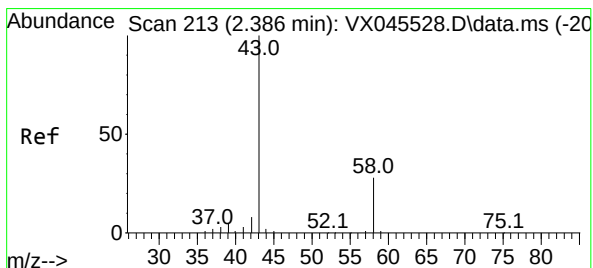
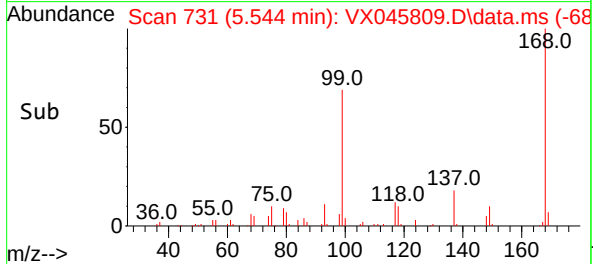
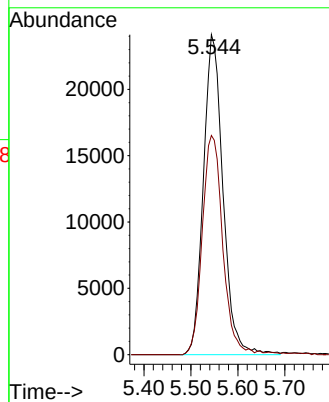
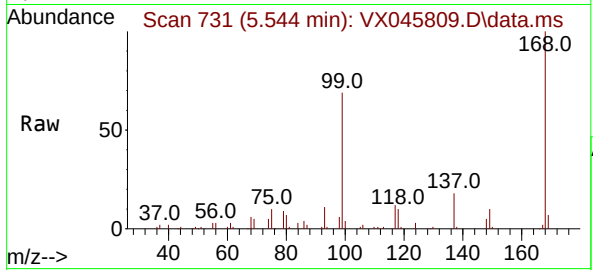




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

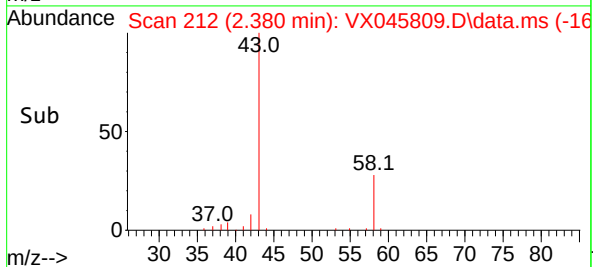
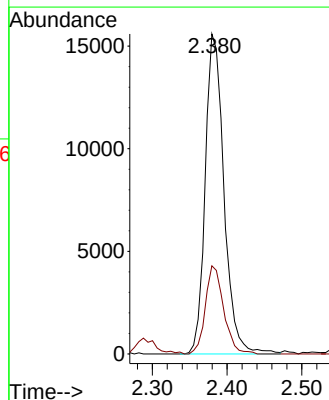
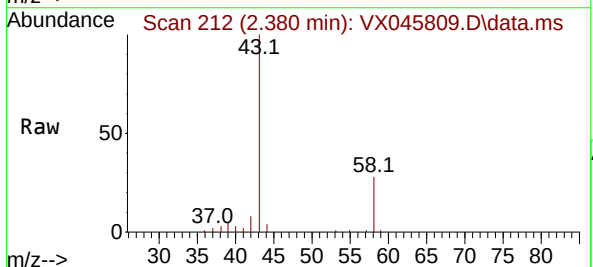
Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

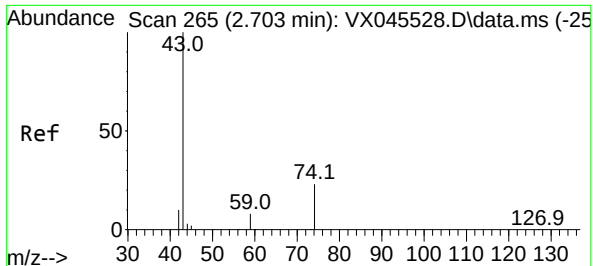
Tgt Ion:168 Resp: 69844
Ion Ratio Lower Upper
168 100
99 68.5 52.3 78.5



#16
Acetone
Concen: 51.874 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

Tgt Ion: 43 Resp: 27207
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5





#18

Methyl Acetate

Concen: 2.535 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX045809.D

Acq: 16 Apr 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

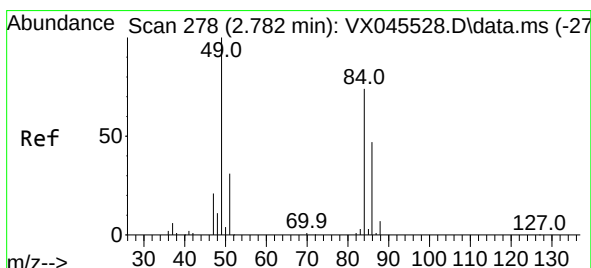
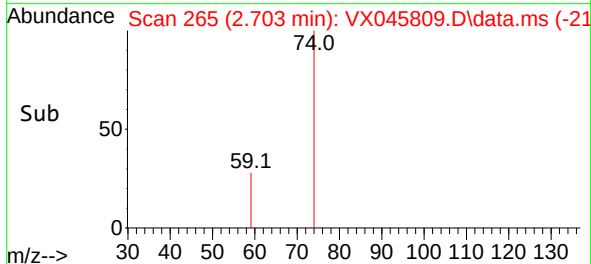
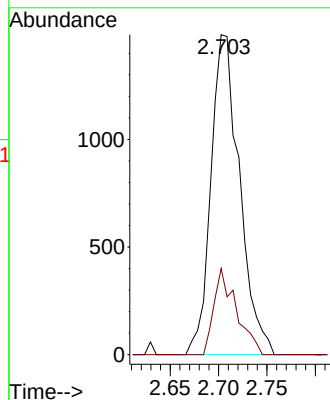
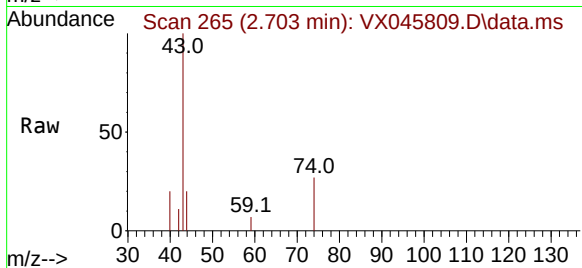
WEST-BAY

Tgt Ion: 43 Resp: 3061

Ion Ratio Lower Upper

43 100

74 21.2 17.5 26.3



#20

Methylene Chloride

Concen: 2.145 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX045809.D

Acq: 16 Apr 2025 15:44

Tgt Ion: 84 Resp: 2106

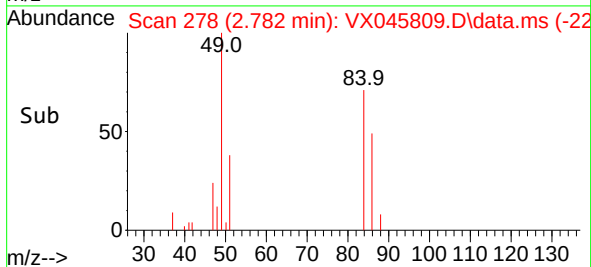
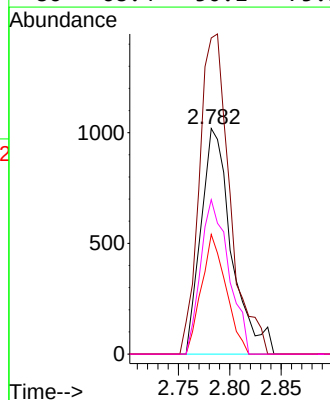
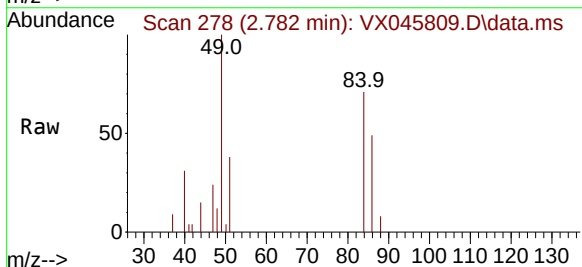
Ion Ratio Lower Upper

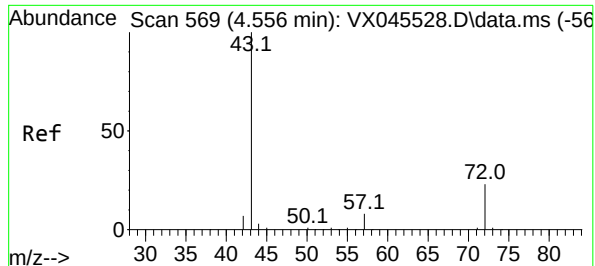
84 100

49 140.1 107.5 161.3

51 53.0 33.0 49.6#

86 68.4 50.1 75.1





#25

2-Butanone

Concen: 9.374 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX045809.D

Acq: 16 Apr 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

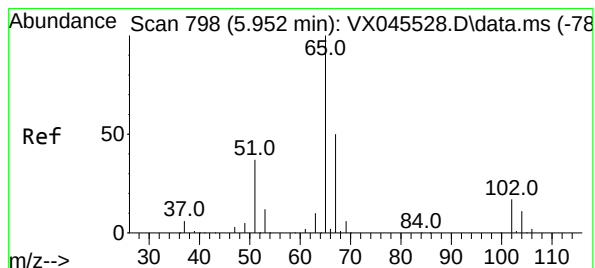
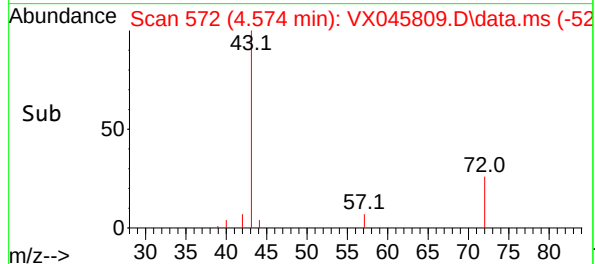
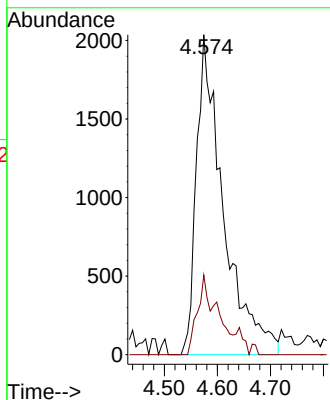
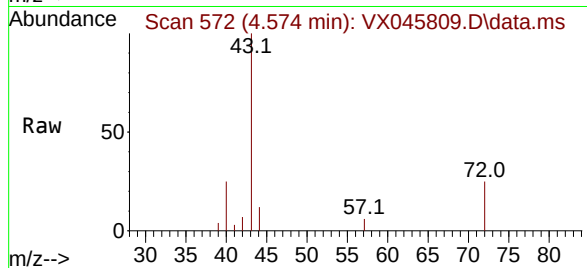
WEST-BAY

Tgt Ion: 43 Resp: 7197

Ion Ratio Lower Upper

43 100

72 24.9 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 52.393 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX045809.D

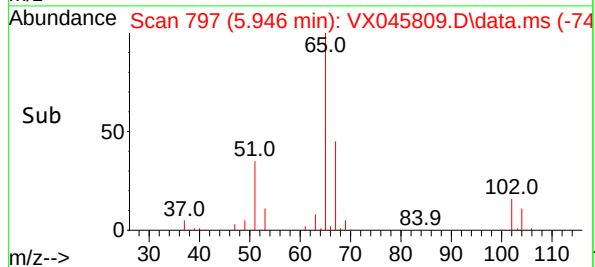
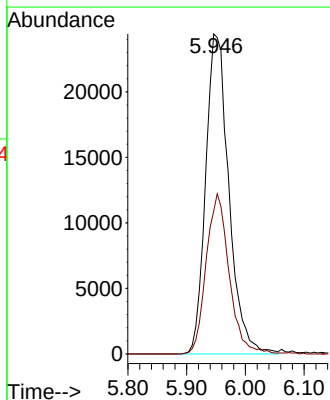
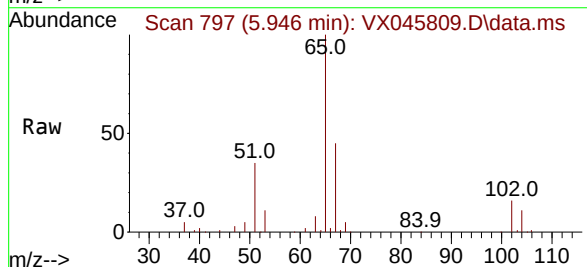
Acq: 16 Apr 2025 15:44

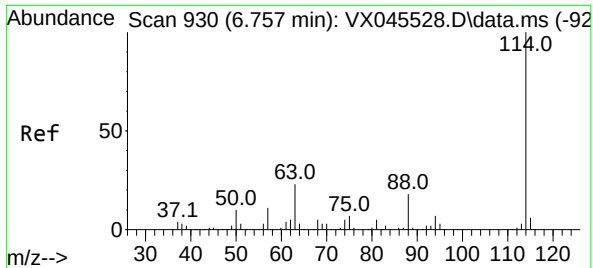
Tgt Ion: 65 Resp: 66920

Ion Ratio Lower Upper

65 100

67 49.5 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: VX045809.D

Acq: 16 Apr 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

WEST-BAY

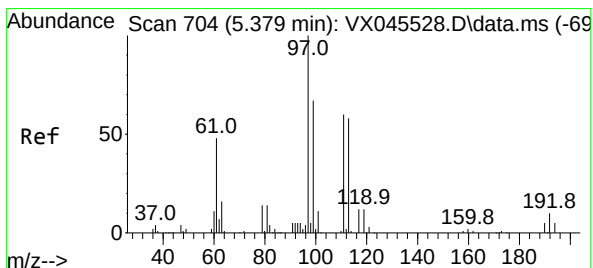
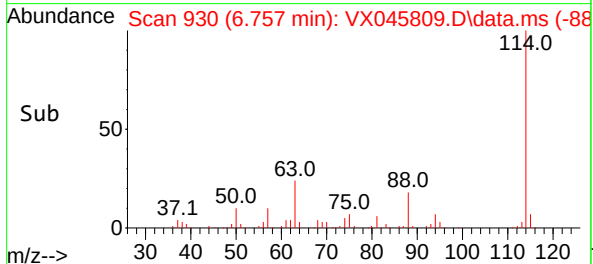
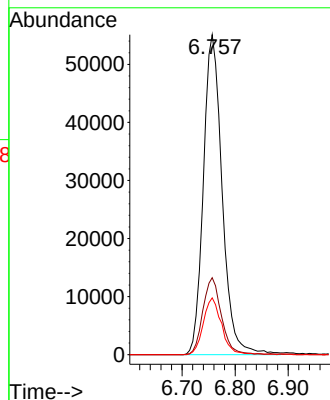
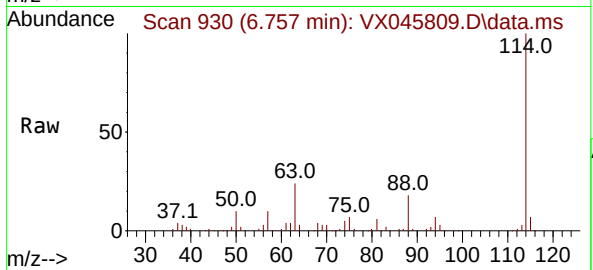
Tgt Ion:114 Resp: 135925

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.8

88 17.8 0.0 35.4



#35

Dibromofluoromethane

Concen: 49.997 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045809.D

Acq: 16 Apr 2025 15:44

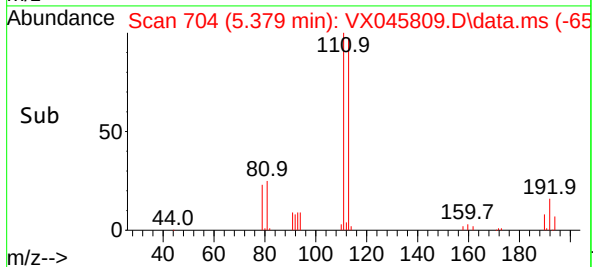
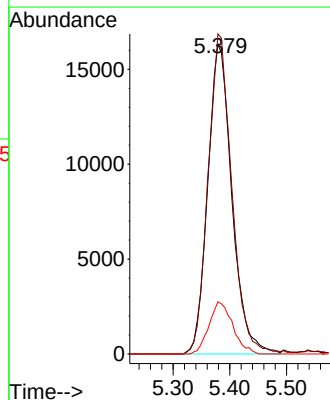
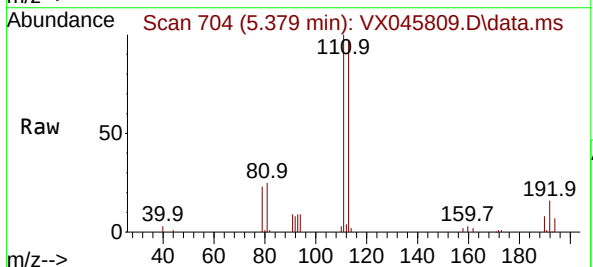
Tgt Ion:113 Resp: 48217

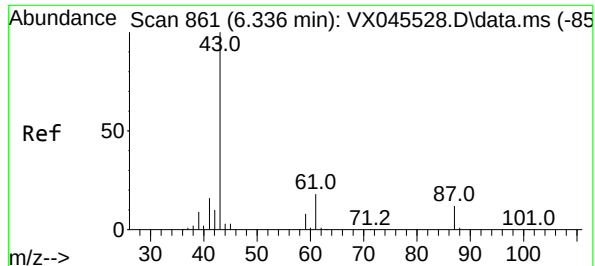
Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

192 16.6 13.8 20.6





#43

Isopropyl Acetate

Concen: 1.725 ug/l

RT: 6.354 min Scan# 861

Delta R.T. 0.018 min

Lab File: VX045809.D

Acq: 16 Apr 2025 15:44

Instrument :

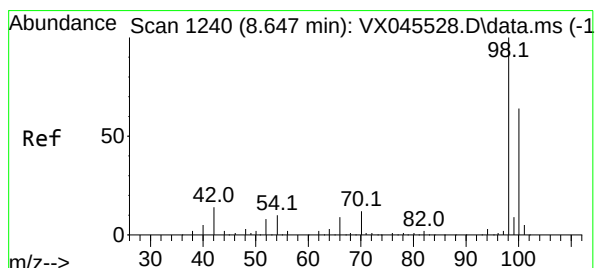
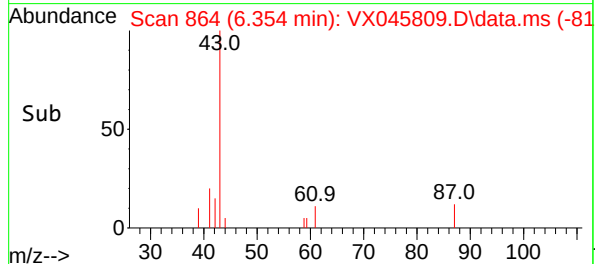
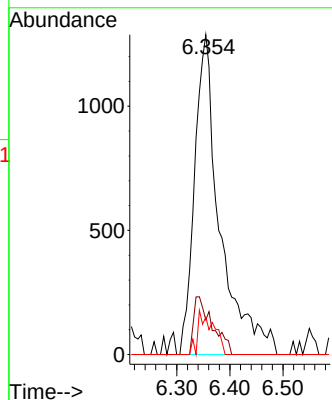
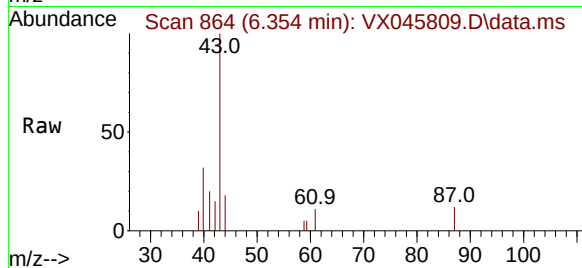
MSVOA_X

ClientSampleId :

WEST-BAY

Tgt Ion: 43 Resp: 4289

Ion	Ratio	Lower	Upper
43	100		
61	13.3	14.1	21.1#
87	8.5	9.2	13.8#



#50

Toluene-d8

Concen: 51.235 ug/l

RT: 8.647 min Scan# 1240

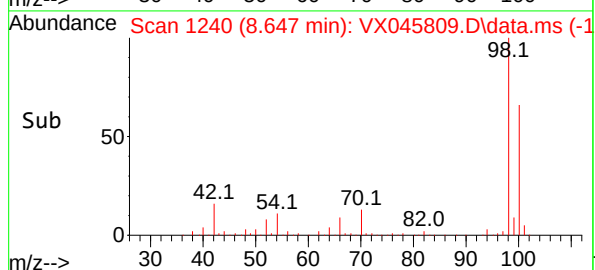
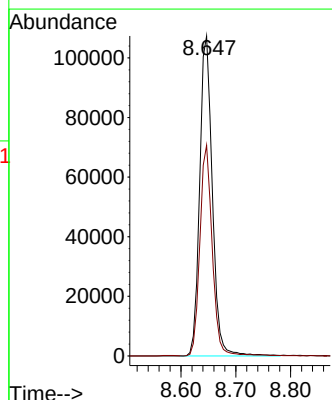
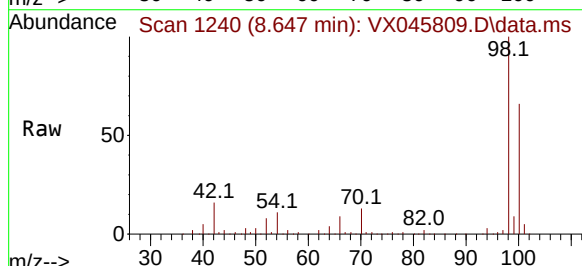
Delta R.T. -0.000 min

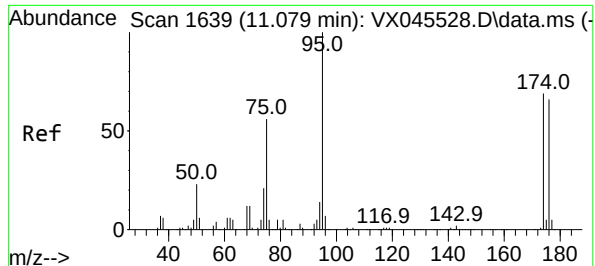
Lab File: VX045809.D

Acq: 16 Apr 2025 15:44

Tgt Ion: 98 Resp: 172461

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.4

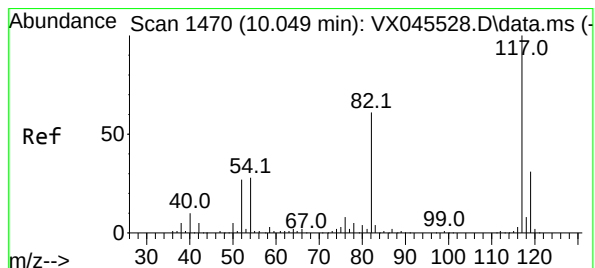
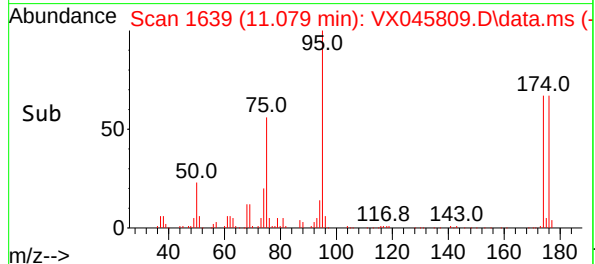
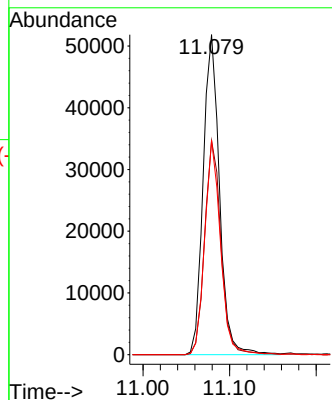
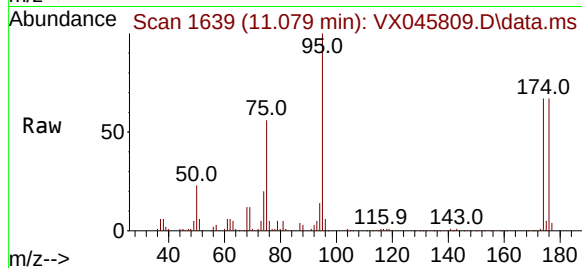




#62
4-Bromofluorobenzene
Concen: 55.329 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

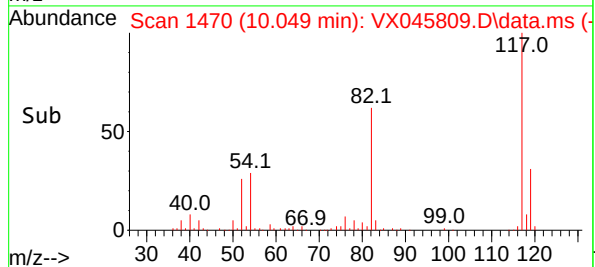
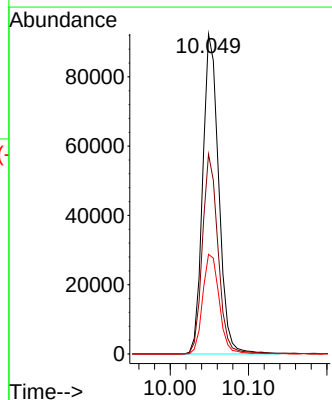
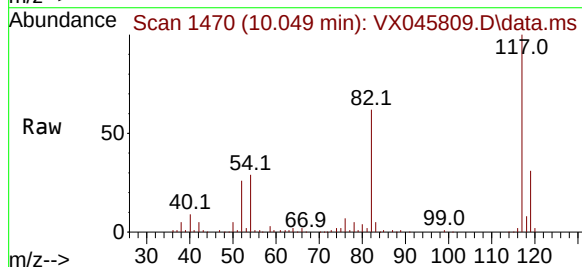
Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

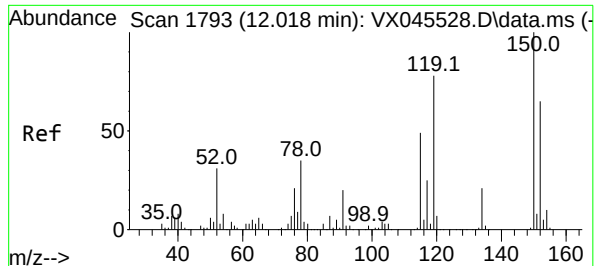
Tgt Ion: 95 Resp: 67839
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

Tgt Ion: 117 Resp: 130866
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 31.2 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045809.D

Acq: 16 Apr 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

WEST-BAY

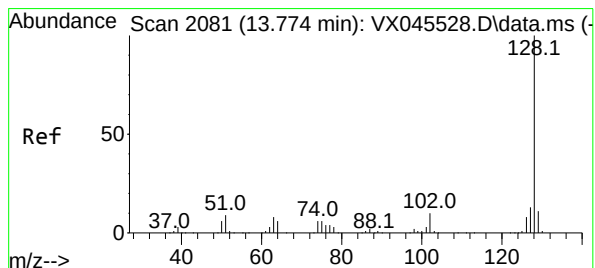
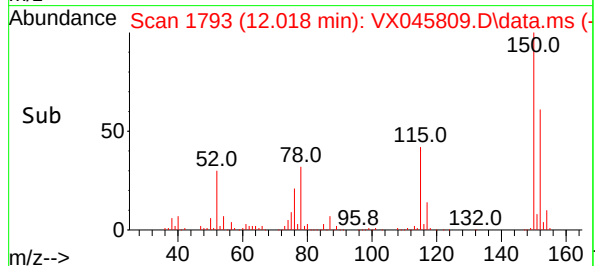
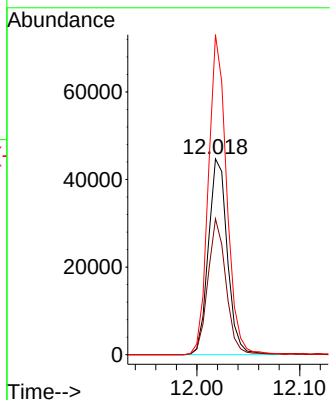
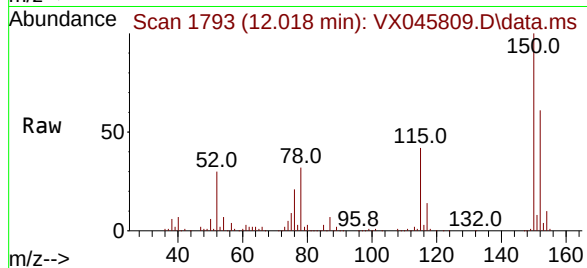
Tgt Ion:152 Resp: 57353

Ion Ratio Lower Upper

152 100

115 66.4 46.9 140.7

150 157.1 0.0 349.4



#95

Naphthalene

Concen: 4.174 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045809.D

Acq: 16 Apr 2025 15:44

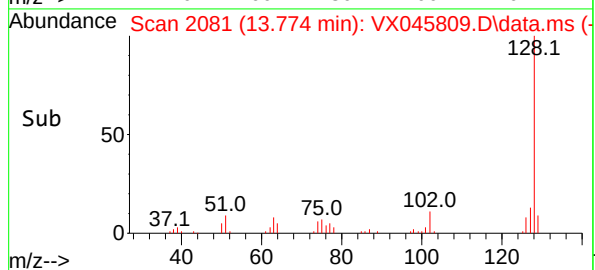
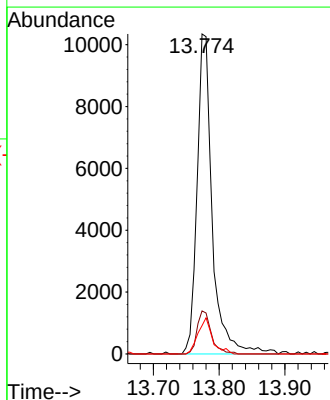
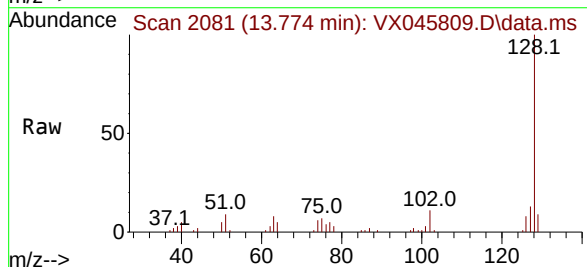
Tgt Ion:128 Resp: 16611

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.6 8.6 12.8



Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	04/10/25
Project:	NYC DOT Harper Street Yard North	Date Received:	04/14/25
Client Sample ID:	FUEL-MONITORING	SDG No.:	Q1803
Lab Sample ID:	Q1803-02	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045810.D	1		04/16/25 16:08	VX041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	9.50	J	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	51.5		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.5		77 - 121	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	71000	5.55			
540-36-3	1,4-Difluorobenzene	139000	6.757			
3114-55-4	Chlorobenzene-d5	132000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	56700	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\VX041625\
 Data File : VX045810.D
 Acq On : 16 Apr 2025 16:08
 Operator : JC/MD
 Sample : Q1803-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FUEL-MONITORING

Quant Time: Apr 17 01:37:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

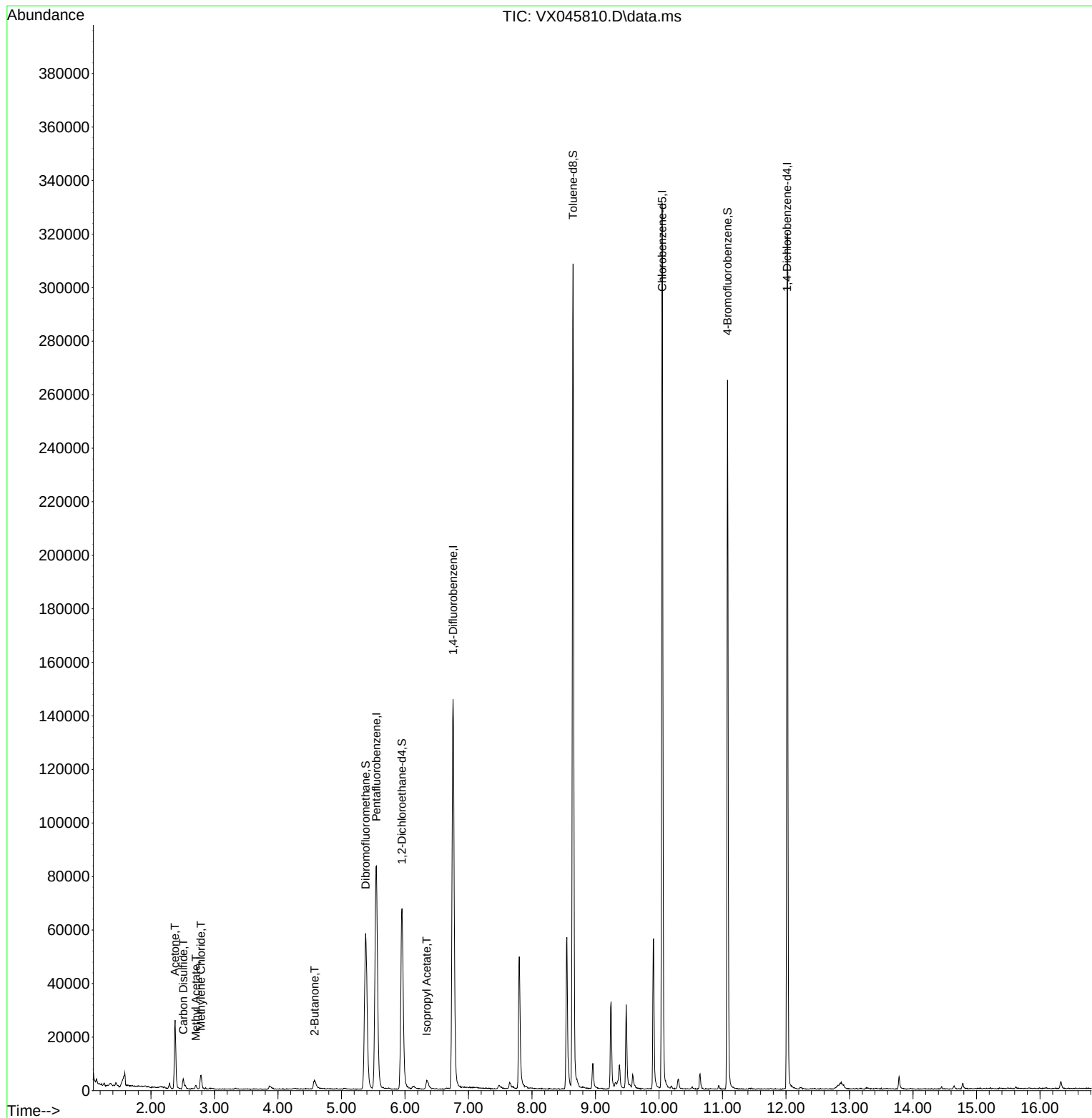
Internal Standards						
1) Pentafluorobenzene	5.550	168	70968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69285	53.386	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.780%	
35) Dibromofluoromethane	5.379	113	50773	51.488	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.980%	
50) Toluene-d8	8.647	98	177219	51.488	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	11.079	95	68378	54.540	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.080%	
Target Compounds						Qvalue
16) Acetone	2.380	43	28192	52.901	ug/l	97
17) Carbon Disulfide	2.508	76	4654	2.212	ug/l	100
18) Methyl Acetate	2.709	43	1720	1.402	ug/l #	90
20) Methylene Chloride	2.788	84	2464	2.470	ug/l	95
25) 2-Butanone	4.574	43	7449	9.549	ug/l	95
43) Isopropyl Acetate	6.342	43	5297	2.083	ug/l	98

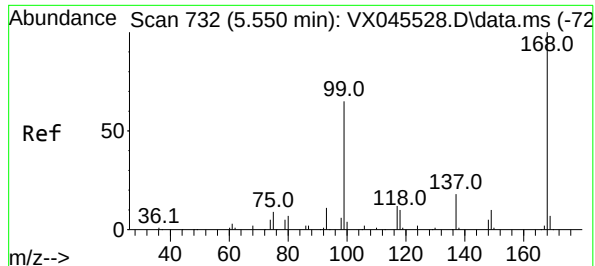
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045810.D
Acq On : 16 Apr 2025 16:08
Operator : JC/MD
Sample : Q1803-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FUEL-MONITORING

Quant Time: Apr 17 01:37:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

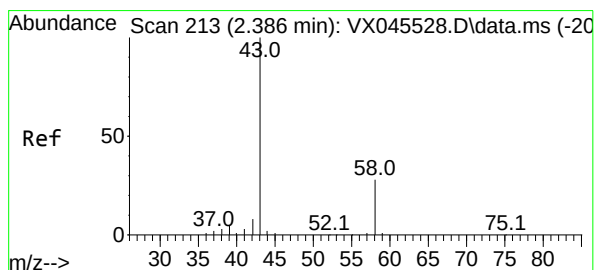
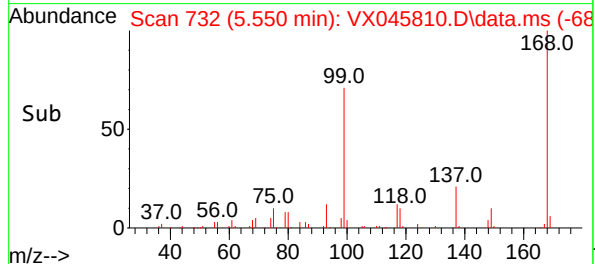
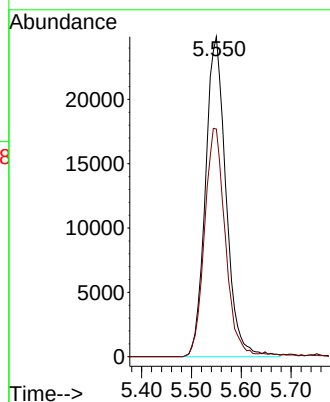
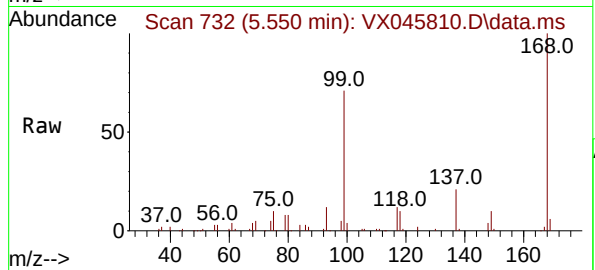




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

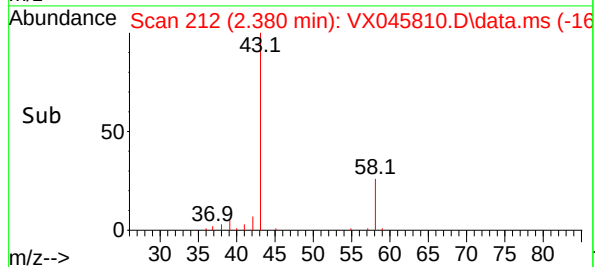
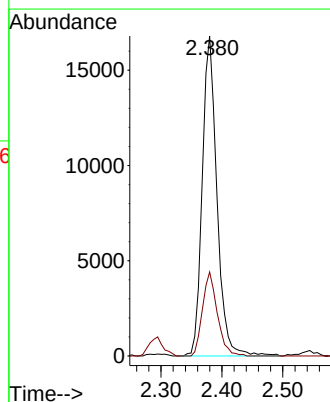
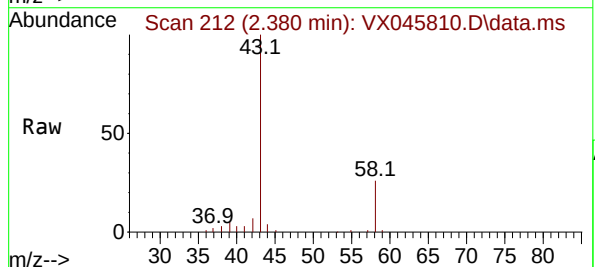
Instrument :
MSVOA_X
ClientSampleId :
FUEL-MONITORING

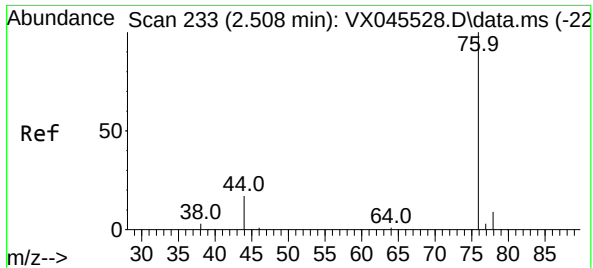
Tgt Ion:168 Resp: 70968
Ion Ratio Lower Upper
168 100
99 71.2 52.3 78.5



#16
Acetone
Concen: 52.901 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

Tgt Ion: 43 Resp: 28192
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5





#17

Carbon Disulfide

Concen: 2.212 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045810.D

Acq: 16 Apr 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

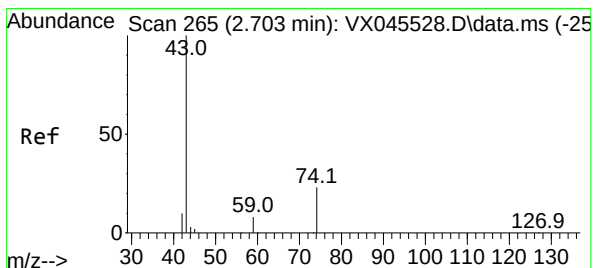
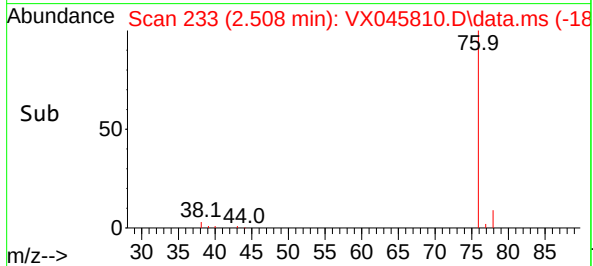
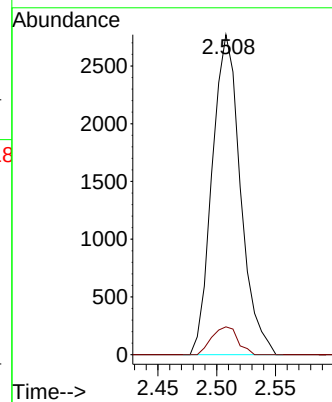
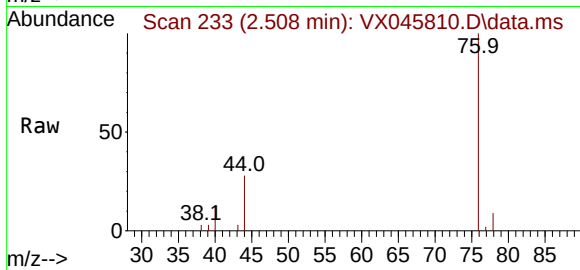
FUEL-MONITORING

Tgt Ion: 76 Resp: 4654

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



#18

Methyl Acetate

Concen: 1.402 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX045810.D

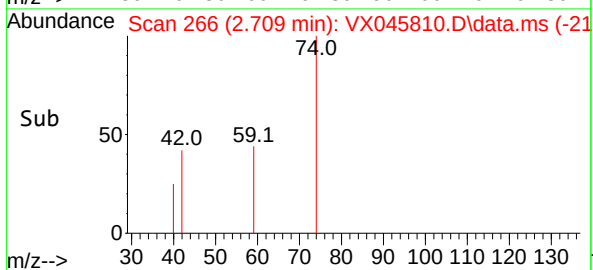
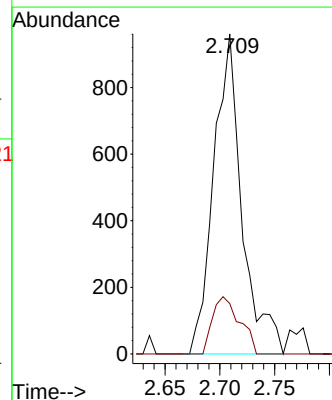
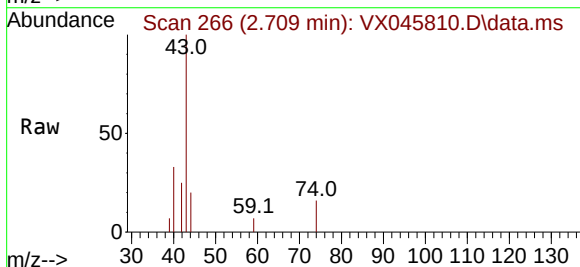
Acq: 16 Apr 2025 16:08

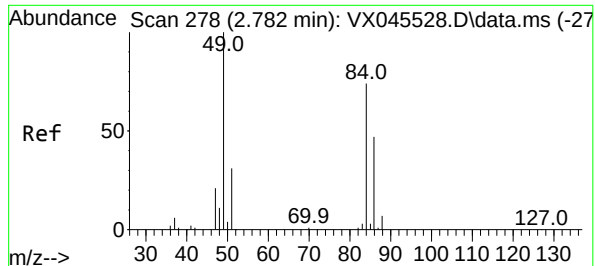
Tgt Ion: 43 Resp: 1720

Ion Ratio Lower Upper

43 100

74 17.2 17.5 26.3#





#20

Methylene Chloride

Concen: 2.470 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX045810.D

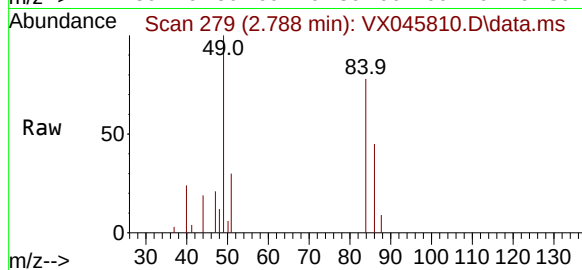
Acq: 16 Apr 2025 16:08

Instrument :

MSVOA_X

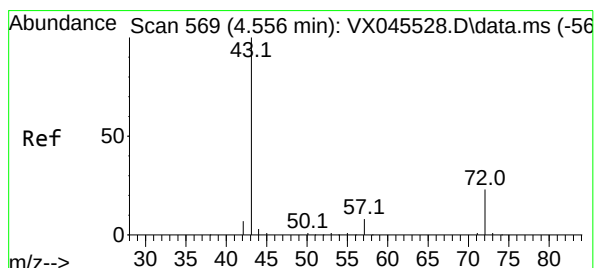
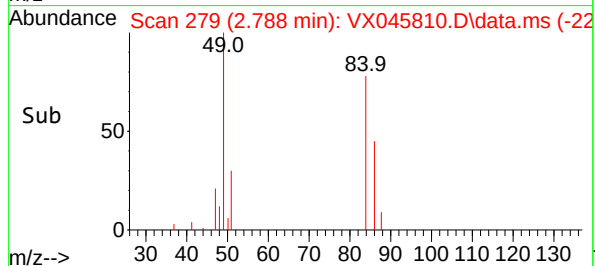
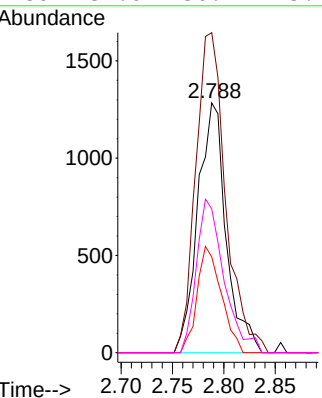
ClientSampleId :

FUEL-MONITORING



Tgt Ion: 84 Resp: 2464

Ion	Ratio	Lower	Upper
84	100		
49	128.1	107.5	161.3
51	38.4	33.0	49.6
86	57.6	50.1	75.1



#25

2-Butanone

Concen: 9.549 ug/l

RT: 4.574 min Scan# 572

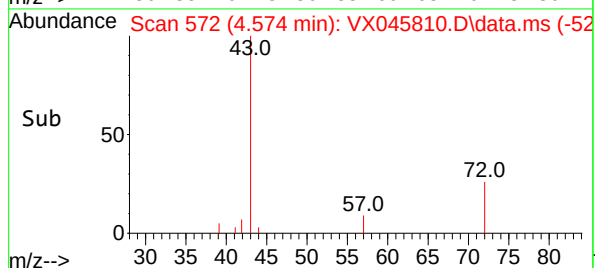
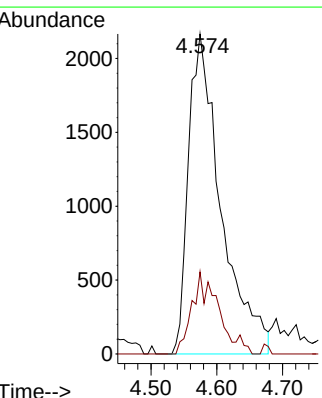
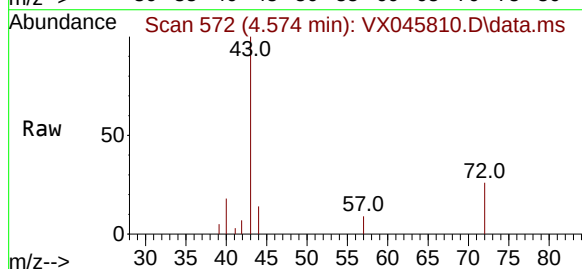
Delta R.T. 0.018 min

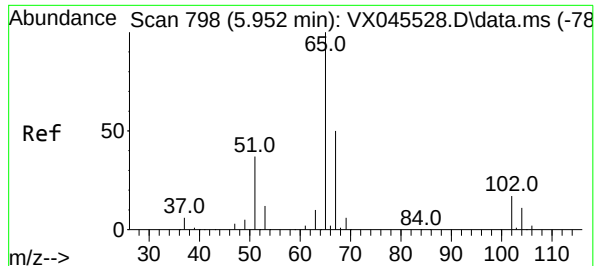
Lab File: VX045810.D

Acq: 16 Apr 2025 16:08

Tgt Ion: 43 Resp: 7449

Ion	Ratio	Lower	Upper
43	100		
72	25.7	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 53.386 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045810.D

Acq: 16 Apr 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

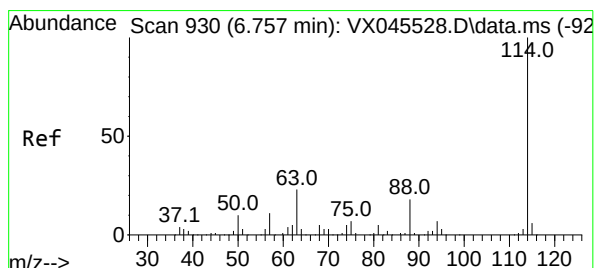
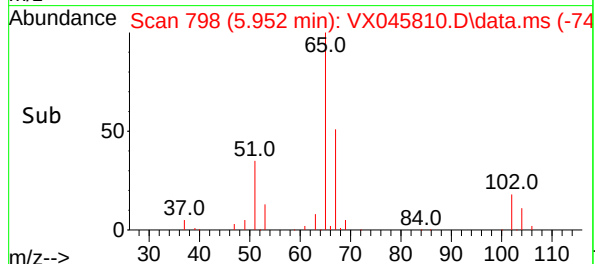
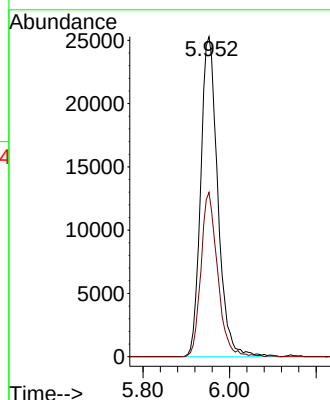
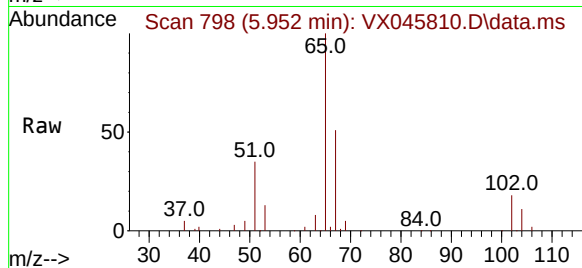
FUEL-MONITORING

Tgt Ion: 65 Resp: 69285

Ion Ratio Lower Upper

65 100

67 50.1 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: VX045810.D

Acq: 16 Apr 2025 16:08

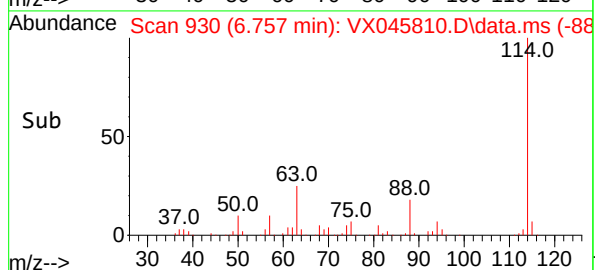
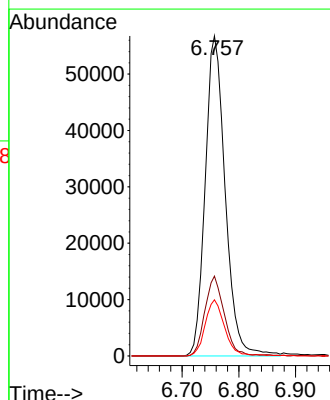
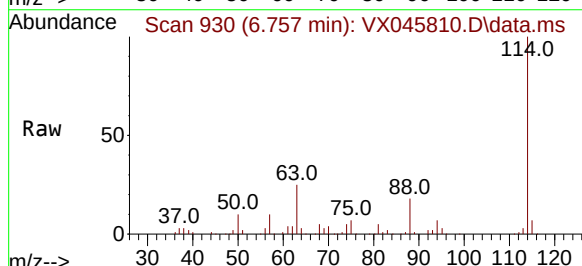
Tgt Ion: 114 Resp: 138987

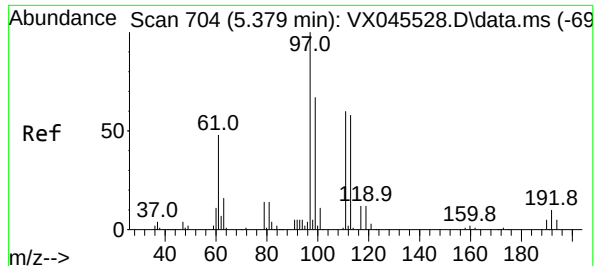
Ion Ratio Lower Upper

114 100

63 25.0 0.0 46.8

88 17.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.488 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045810.D

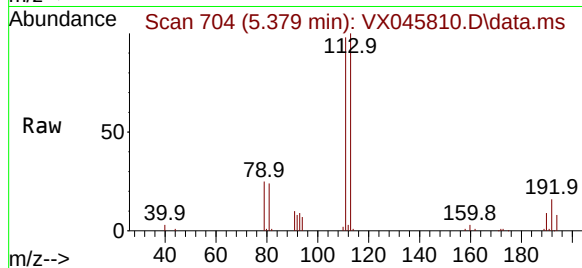
Acq: 16 Apr 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

FUEL-MONITORING



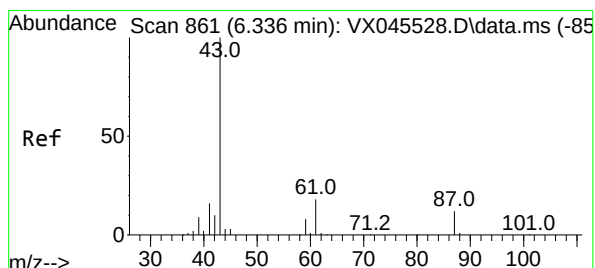
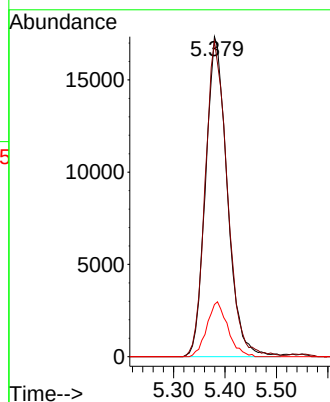
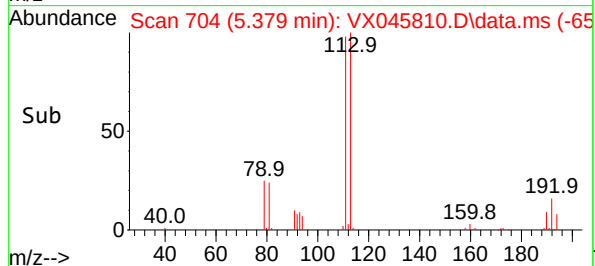
Tgt Ion:113 Resp: 50773

Ion Ratio Lower Upper

113 100

111 100.8 81.8 122.6

192 16.6 13.8 20.6



#43

Isopropyl Acetate

Concen: 2.083 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX045810.D

Acq: 16 Apr 2025 16:08

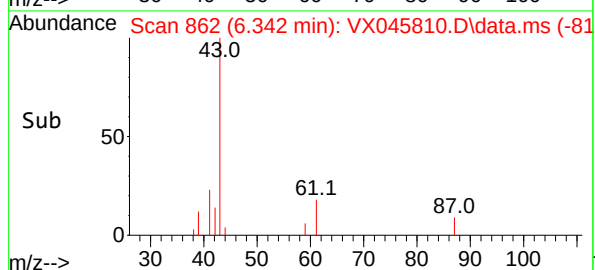
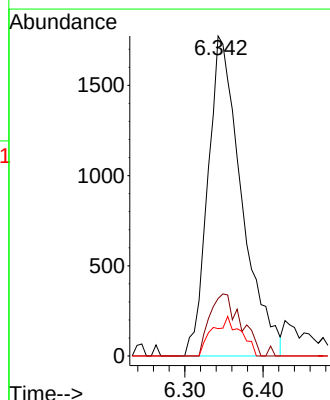
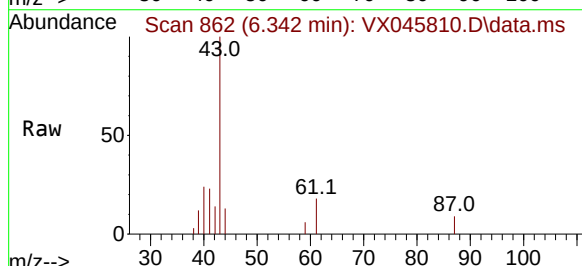
Tgt Ion: 43 Resp: 5297

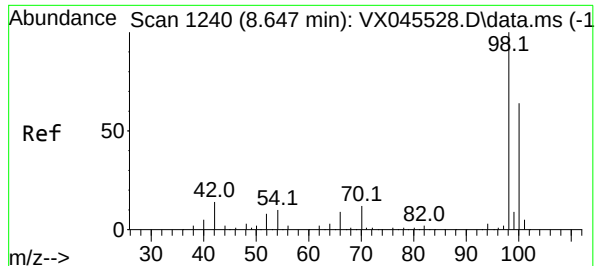
Ion Ratio Lower Upper

43 100

61 17.9 14.1 21.1

87 10.3 9.2 13.8





#50

Toluene-d8

Concen: 51.488 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045810.D

Acq: 16 Apr 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

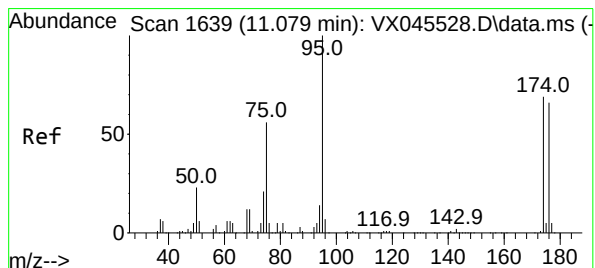
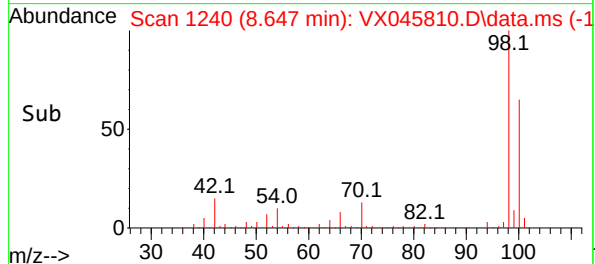
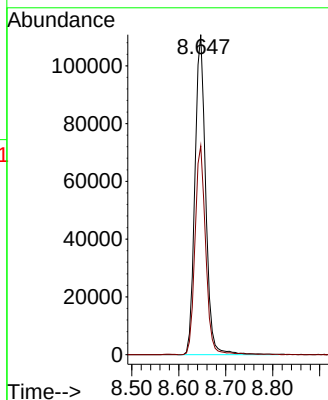
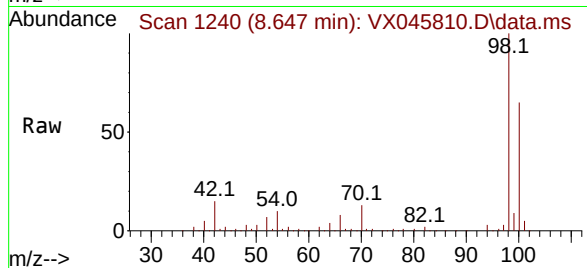
FUEL-MONITORING

Tgt Ion: 98 Resp: 177219

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 54.540 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045810.D

Acq: 16 Apr 2025 16:08

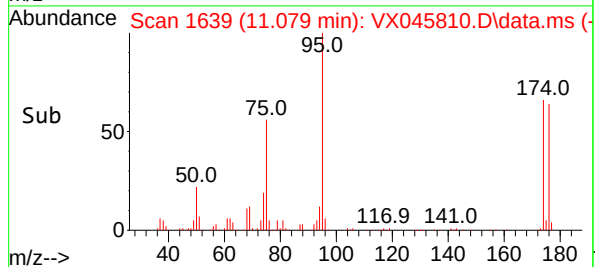
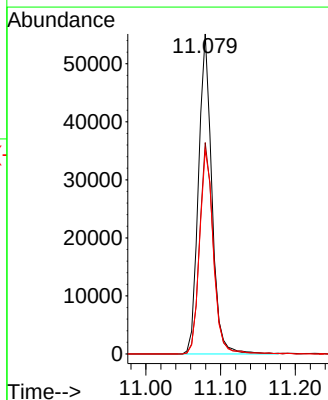
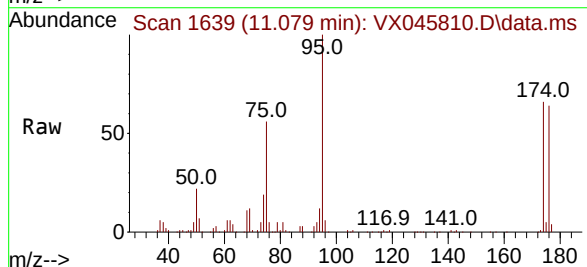
Tgt Ion: 95 Resp: 68378

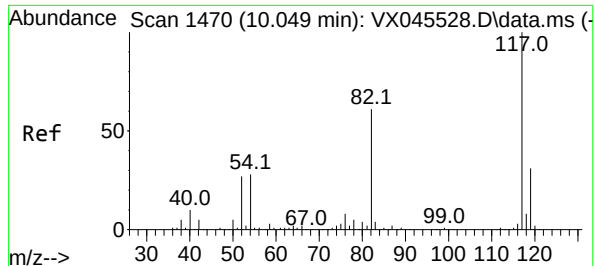
Ion Ratio Lower Upper

95 100

174 67.6 0.0 135.8

176 66.0 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: VX045810.D

Acq: 16 Apr 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

FUEL-MONITORING

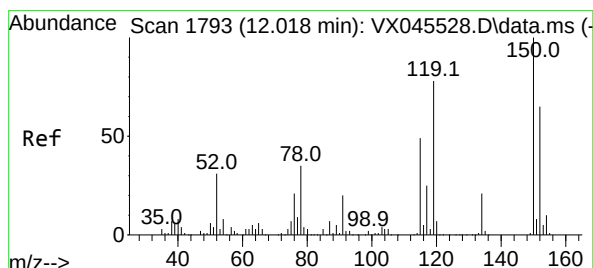
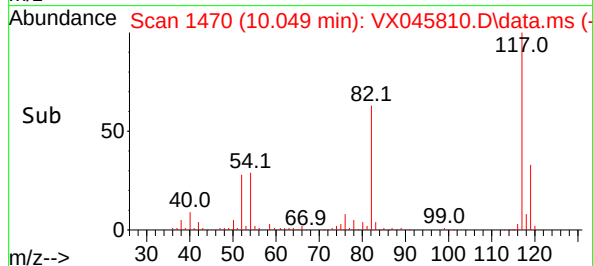
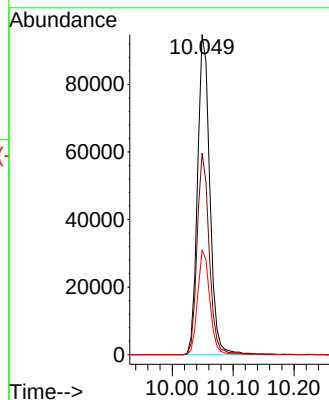
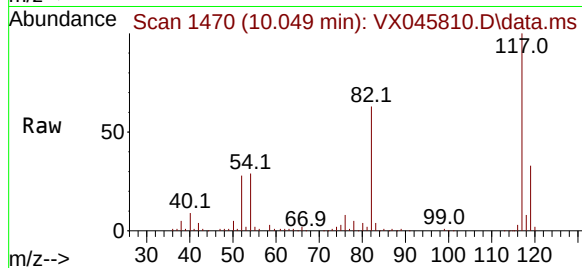
Tgt Ion:117 Resp: 132459

Ion Ratio Lower Upper

117 100

82 63.0 49.2 73.8

119 32.6 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045810.D

Acq: 16 Apr 2025 16:08

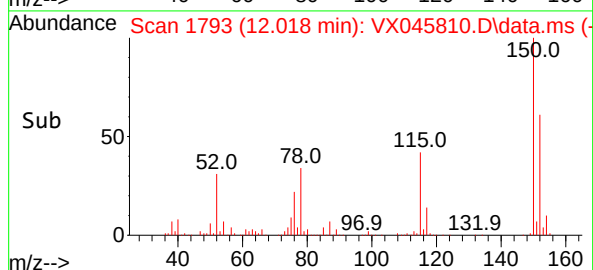
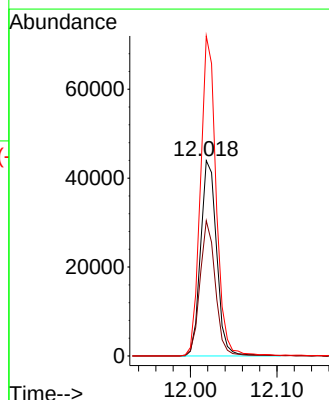
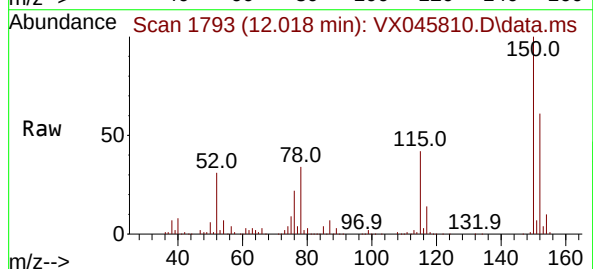
Tgt Ion:152 Resp: 56662

Ion Ratio Lower Upper

152 100

115 66.7 46.9 140.7

150 160.4 0.0 349.4





CALIBRATION SUMMARY



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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCAL01
 Lab Code: CHEM Case No.: Q1803 SAS No.: Q1803 SDG No.: Q1803
 Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025
 Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX045525.D		RRF005 = VX045526.D		RRF020 = VX045527.D			
		RRF050 = VX045528.D		RRF100 = VX045529.D		RRF150 = VX045530.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.4	
1,1-Dichloroethene	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.5	
2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.5	
Carbon Tetrachloride	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.5	
Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.6	
Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.8	
1,2-Dichloroethane	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.7	
Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.7	
Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.5	
Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.8	
1,2-Dichloroethane-d4		0.962	0.900	0.868	0.904	0.937	0.914	3.9	
Dibromofluoromethane		0.372	0.342	0.345	0.353	0.362	0.355	3.5	
Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.5	
4-Bromofluorobenzene		0.413	0.448	0.453	0.481	0.460	0.451	5.5	

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

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X040225W.M
 Title : SW846 8260
 Last Update : Wed Apr 02 03:11:43 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX045525.D 5 =VX045526.D 20 =VX045527.D 50 =VX045528.D 100 =VX045529.D 150 =VX045530.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.13
3) P	Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.05
4) C	Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.43#
5) T	Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.20
6) T	Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.27
7) T	Trichlorofluor...	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.22
8) T	Diethyl Ether	0.345	0.340	0.356	0.355	0.358	0.357	0.352	2.11
9) T	1,1,2-Trichlor...	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.74
10) T	Methyl Iodide		0.705	0.789	0.799	0.788	0.750	0.766	5.08
11) T	Tert butyl alc...		0.111	0.124	0.127	0.128	0.124	0.123	5.44
12) CM	1,1-Dichloroet...	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.51#
13) T	Acrolein		0.176	0.161	0.167	0.170	0.172	0.169	3.41
14) T	Allyl chloride	1.092	1.068	1.142	1.172	1.199	1.160	1.139	4.36
15) T	Acrylonitrile	0.356	0.382	0.413	0.407	0.394	0.376	0.388	5.38
16) T	Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.28
17) T	Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.24
18) T	Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.22
19) T	Methyl tert-bu...	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.20
20) T	Methylene Chlo...	0.692	0.695	0.726	0.709	0.705	0.690	0.703	1.96
21) T	trans-1,2-Dich...	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.94
22) T	Diisopropyl ether	2.003	2.120	2.329	2.293	2.359	2.357	2.243	6.59
23) T	Vinyl Acetate	1.542	1.693	2.005	2.087	2.147	2.156	1.938	13.34
24) P	1,1-Dichloroet...	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3.01
25) T	2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.55
26) T	2,2-Dichloropr...	0.676	0.757	0.802	0.847	0.903	0.933	0.820	11.67
27) T	cis-1,2-Dichlo...	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.43
28) T	Bromochloromet...	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.18
29) T	Tetrahydrofuran	0.339	0.341	0.371	0.371	0.364	0.352	0.356	4.05
30) C	Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.60#
31) T	Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4.00
32) T	1,1,1-Trichlor...	1.028	1.052	1.120	1.109	1.153	1.167	1.105	4.96
33) S	1,2-Dichloroet...		0.962	0.900	0.868	0.904	0.937	0.914	3.94
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.372	0.342	0.345	0.353	0.362	0.355	3.48
36) T	1,1-Dichloropr...	0.477	0.443	0.474	0.485	0.496	0.499	0.479	4.26
37) T	Ethyl Acetate	0.582	0.565	0.609	0.623	0.629	0.614	0.604	4.15
38) T	Carbon Tetrach...	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.49
39) T	Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.76
40) TM	Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.81
41) T	Methacrylonitrile	0.252	0.276	0.338	0.351	0.350	0.343	0.318	13.52
42) TM	1,2-Dichloroet...	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.72
43) T	Isopropyl Acetate	0.735	0.831	0.952	0.978	1.002	0.991	0.915	11.77
44) TM	Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.67
45) C	1,2-Dichloropr...	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.83#
46) T	Dibromomethane	0.237	0.287	0.297	0.292	0.286	0.282	0.280	7.76
47) T	Bromodichlorom...	0.521	0.519	0.576	0.571	0.587	0.583	0.560	5.56
48) T	Methyl methacr...	0.405	0.416	0.486	0.508	0.518	0.502	0.472	10.44
49) T	1,4-Dioxane	0.007	0.010	0.009	0.009	0.009	0.008	0.009	13.93
50) S	Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.50
51) T	4-Methyl-2-Pen...	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.57
52) CM	Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.79#
53) T	t-1,3-Dichloro...	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.27
54) T	cis-1,3-Dichlo...	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.88
55) T	1,1,2-Trichlor...	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.11
56) T	Ethyl methacry...	0.407	0.482	0.562	0.600	0.629	0.595	0.546	15.54

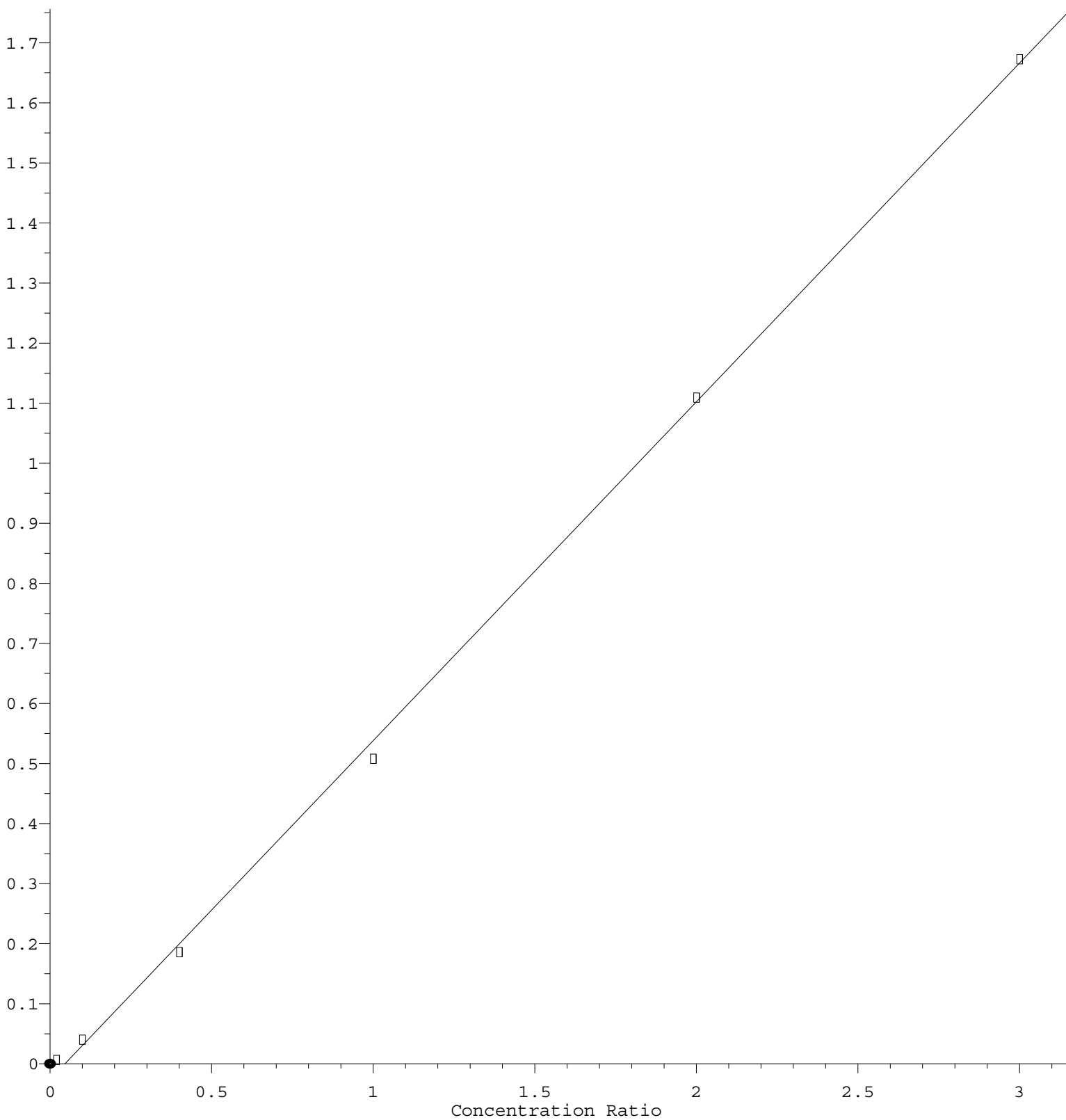
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X040225W.M

57)	T	1,3-Dichloropr...	0.555	0.614	0.652	0.633	0.630	0.601	0.614	5.49
58)	T	2-Chloroethyl ...	0.221	0.257	0.286	0.298	0.301	0.293	0.276	11.26
59)	T	2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.14
60)	T	Dibromochlorom...	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.06
61)	T	1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.12
62)	S	4-Bromofluorob...		0.413	0.448	0.453	0.481	0.460	0.451	5.45
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.47
65)	PM	Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.83
66)	T	1,1,1,2-Tetrac...	0.368	0.344	0.372	0.373	0.379	0.390	0.371	4.18
67)	C	Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.89#
68)	T	m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.92
69)	T	o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.17
70)	T	Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.82
71)	P	Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.07
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.17
74)	T	N-amyl acetate	1.442	1.682	1.960	2.058	2.132	2.221	1.916	15.51
75)	P	1,1,2,2-Tetrac...	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.43
76)	T	1,2,3-Trichlor...	1.221	1.257	1.251	1.225	1.192	1.171	1.220	2.71
77)	T	Bromobenzene	0.877	0.927	0.953	0.938	0.925	0.932	0.925	2.77
78)	T	n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.59
79)	T	2-Chlorotoluene	2.894	2.873	3.130	2.966	2.915	2.918	2.949	3.19
80)	T	1,3,5-Trimethy...	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.35
81)	T	trans-1,4-Dich...		0.274	0.323	0.371	0.401	0.428	0.359	17.16
82)	T	4-Chlorotoluene	2.961	3.156	3.470	3.449	3.350	3.343	3.288	5.93
83)	T	tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.78
84)	T	1,2,4-Trimethy...	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.57
85)	T	sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.12
86)	T	p-Isopropyltol...	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.63
87)	T	1,3-Dichlorobe...	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.70
88)	T	1,4-Dichlorobe...	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.09
89)	T	n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.50
90)	T	Hexachloroethane	0.493	0.493	0.556	0.597	0.623	0.661	0.571	12.14
91)	T	1,2-Dichlorobe...	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.34
92)	T	1,2-Dibromo-3-...	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.37
93)	T	1,2,4-Trichlor...	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.07
94)	T	Hexachlorobuta...	0.379	0.389	0.401	0.404	0.415	0.422	0.402	4.03
95)	T	Naphthalene	2.544	3.070	3.630	3.722	3.867	3.982	3.469	15.93
96)	T	1,2,3-Trichlor...	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.63

(#) = Out of Range

t-1,3-Dichloropropene

Response Ratio



$$\text{Response} = 5.639\text{e-}001 * \text{Amt} - 2.582\text{e-}002$$

Coef of Det (r^2) = 0.999232 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X040225W.M

Calibration Table Last Updated: Wed Apr 02 03:11:43 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045525.D
 Acq On : 01 Apr 2025 17:06
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61114	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	1189	0.822	ug/l	94
3) Chloromethane	1.307	50	1479	0.995	ug/l #	86
4) Vinyl Chloride	1.374	62	1299	0.955	ug/l	98
6) Chloroethane	1.673	64	732	1.014	ug/l #	67
7) Trichlorofluoromethane	1.880	101	2034	1.003	ug/l	93
8) Diethyl Ether	2.130	74	668	0.981	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	1113	0.936	ug/l	94
12) 1,1-Dichloroethene	2.313	96	1090	0.939	ug/l	95
14) Allyl chloride	2.660	41	2113	0.959	ug/l	93
15) Acrylonitrile	3.075	53	3446	4.592	ug/l	95
16) Acetone	2.380	43	3867	5.323	ug/l	98
17) Carbon Disulfide	2.508	76	2580	0.899	ug/l #	95
18) Methyl Acetate	2.703	43	1744	1.043	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	3705	0.912	ug/l	92
20) Methylene Chloride	2.782	84	1338	0.984	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	1111	0.936	ug/l #	93
22) Diisopropyl ether	3.758	45	3875	0.893	ug/l #	59
23) Vinyl Acetate	3.727	43	14921	3.979	ug/l	95
24) 1,1-Dichloroethane	3.611	63	2343	0.954	ug/l #	90
25) 2-Butanone	4.581	43	4590	4.317	ug/l	92
26) 2,2-Dichloropropane	4.471	77	1307	0.824	ug/l	85
27) cis-1,2-Dichloroethene	4.495	96	1475	1.020	ug/l	80
28) Bromochloromethane	4.891	49	1298	1.094	ug/l #	97
29) Tetrahydrofuran	5.032	42	3276	4.752	ug/l	97
30) Chloroform	5.093	83	2406	0.953	ug/l	84
32) 1,1,1-Trichloroethane	5.385	97	1989	0.931	ug/l #	53
36) 1,1-Dichloropropene	5.696	75	1671	0.995	ug/l #	89
37) Ethyl Acetate	4.751	43	2040	0.964	ug/l #	76
38) Carbon Tetrachloride	5.672	117	1578	0.870	ug/l #	91
39) Methylcyclohexane	7.379	83	1818	0.883	ug/l #	89
40) Benzene	6.038	78	4957	0.967	ug/l	97
41) Methacrylonitrile	4.952	41	883m	0.784	ug/l	
42) 1,2-Dichloroethane	6.092	62	1867	0.882	ug/l	86
43) Isopropyl Acetate	6.361	43	2578	0.804	ug/l #	86
44) Trichloroethene	7.123	130	1224	1.004	ug/l	87
45) 1,2-Dichloropropane	7.434	63	1082	0.846	ug/l	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045525.D
 Acq On : 01 Apr 2025 17:06
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	831	0.846	ug/l	90
47) Bromodichloromethane	7.824	83	1827	0.931	ug/l #	77
48) Methyl methacrylate	7.720	41	1419	0.857	ug/l	92
49) 1,4-Dioxane	7.671	88	458m	15.288	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	8746	4.114	ug/l	100
52) Toluene	8.720	92	2863	0.923	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	1109	2.850	ug/l	93
54) cis-1,3-Dichloropropene	8.379	75	1300	0.705	ug/l	90
55) 1,1,2-Trichloroethane	9.159	97	1183	0.957	ug/l #	76
56) Ethyl methacrylate	9.129	69	1425m	0.745	ug/l	
57) 1,3-Dichloropropane	9.311	76	1946	0.904	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.245	63	3880	4.008	ug/l	93
59) 2-Hexanone	9.439	43	6360	4.040	ug/l	85
60) Dibromochloromethane	9.519	129	1097	0.814	ug/l	99
61) 1,2-Dibromoethane	9.610	107	1032	0.825	ug/l	96
64) Tetrachloroethene	9.269	164	1062	0.981	ug/l	92
65) Chlorobenzene	10.080	112	2916	0.890	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	1128	0.992	ug/l #	64
67) Ethyl Benzene	10.195	91	4930	0.840	ug/l	90
68) m/p-Xylenes	10.305	106	3645	1.708	ug/l	97
69) o-Xylene	10.640	106	1724	0.820	ug/l	83
70) Styrene	10.659	104	2750	0.793	ug/l	94
71) Bromoform	10.805	173	675	0.795	ug/l #	94
73) Isopropylbenzene	10.964	105	4377	0.894	ug/l	95
74) N-amyl acetate	10.854	43	1762	0.752	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	1781	1.036	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	1493m	1.002	ug/l	
77) Bromobenzene	11.201	156	1072	0.948	ug/l	95
78) n-propylbenzene	11.305	91	4564	0.809	ug/l	97
79) 2-Chlorotoluene	11.366	91	3537	0.981	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	3582	0.885	ug/l	100
82) 4-Chlorotoluene	11.457	91	3619	0.900	ug/l	96
83) tert-Butylbenzene	11.713	119	3537	0.883	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	3552	0.874	ug/l	99
85) sec-Butylbenzene	11.890	105	3905	0.793	ug/l	98
86) p-Isopropyltoluene	12.012	119	3342	0.824	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	2026	0.984	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	2042m	0.978	ug/l	
89) n-Butylbenzene	12.335	91	2587	0.735	ug/l	99
90) Hexachloroethane	12.543	117	602	0.863	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	2009	0.981	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	239	0.665	ug/l #	73
93) 1,2,4-Trichlorobenzene	13.591	180	888	0.779	ug/l	94
94) Hexachlorobutadiene	13.725	225	463	0.943	ug/l	90
95) Naphthalene	13.780	128	3109	0.733	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	956	0.801	ug/l	88

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

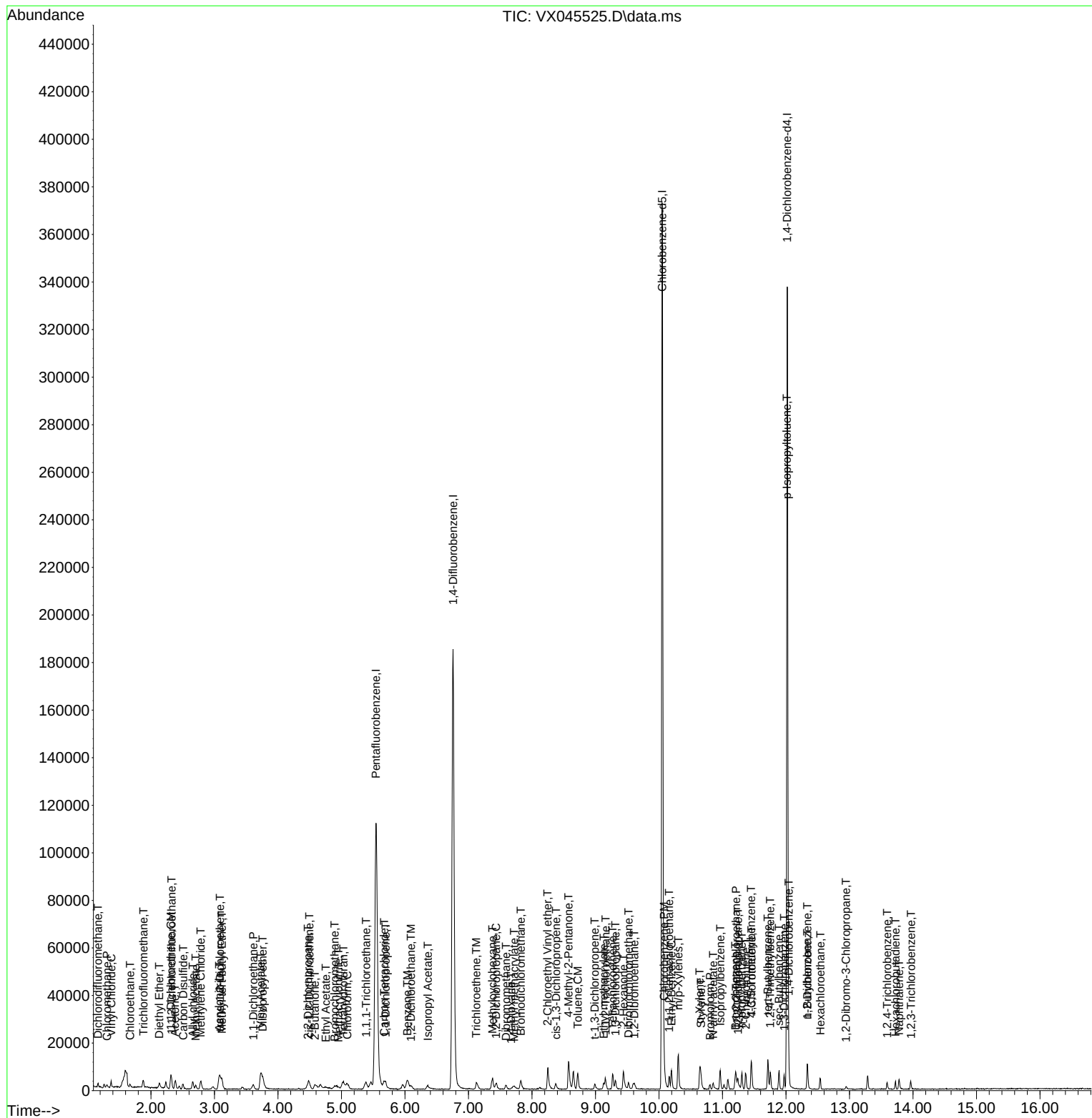
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Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

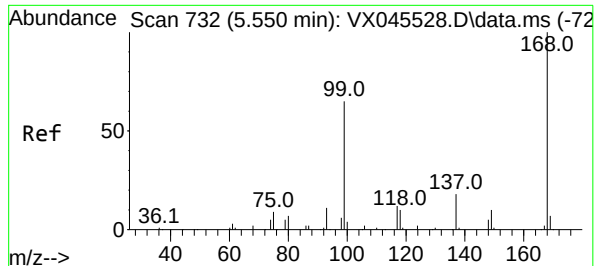
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration



#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:168 Resp: 9673

Ion Ratio Lower Upper

168 100

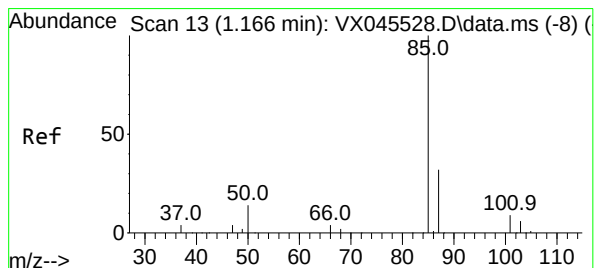
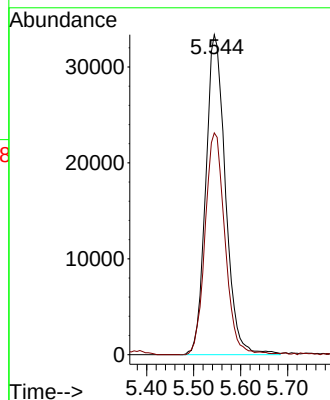
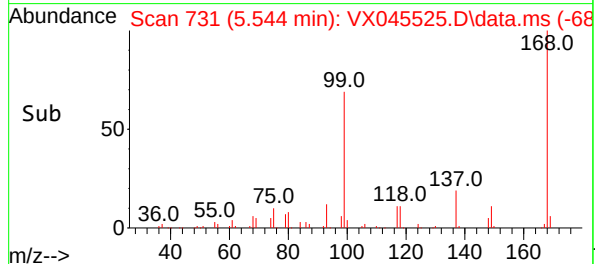
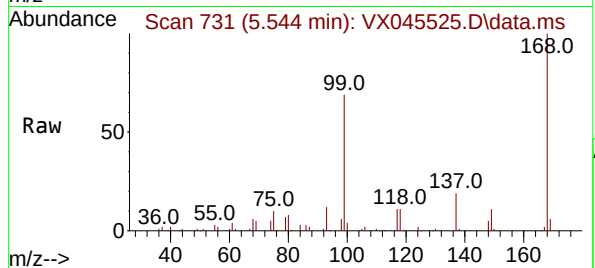
99 69.3 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#2

Dichlorodifluoromethane

Concen: 0.822 ug/l

RT: 1.167 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX045525.D

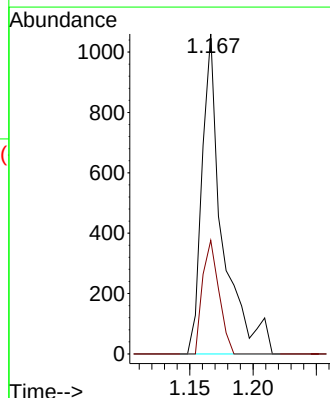
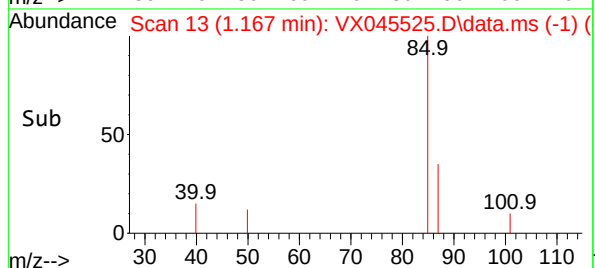
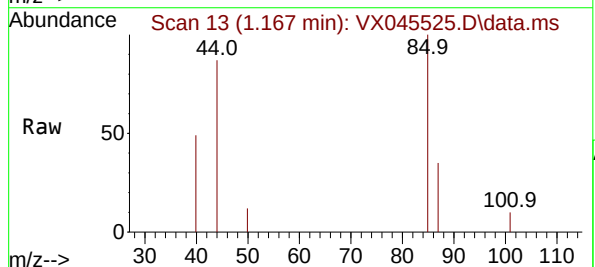
Acq: 01 Apr 2025 17:06

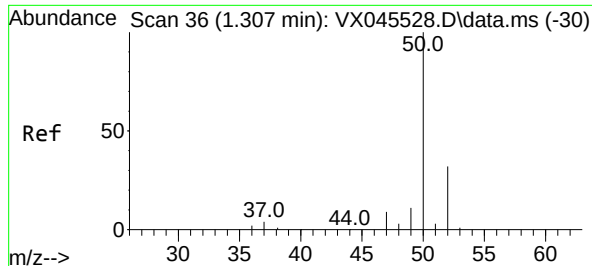
Tgt Ion: 85 Resp: 1189

Ion Ratio Lower Upper

85 100

87 35.5 16.1 48.2





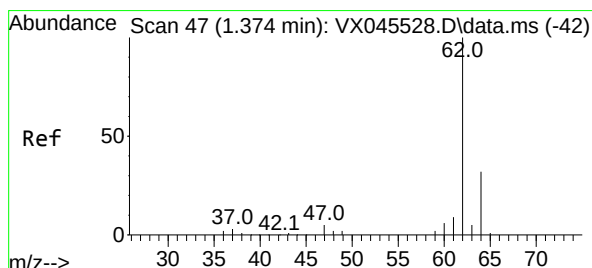
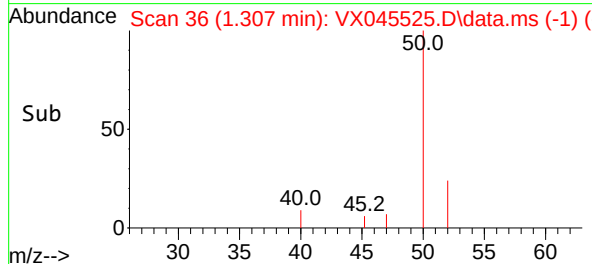
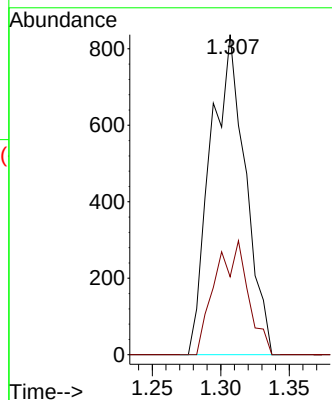
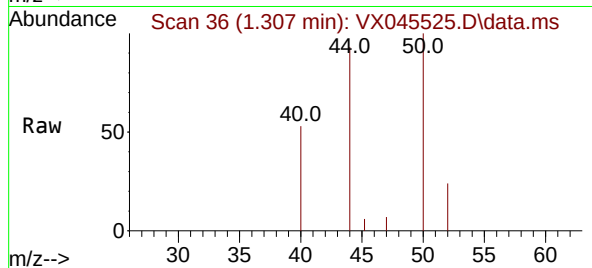
#3
Chloromethane
Concen: 0.995 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 1479
Ion Ratio Lower Upper
50 100
52 24.4 25.9 38.9

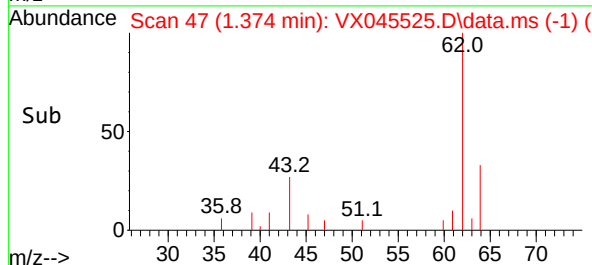
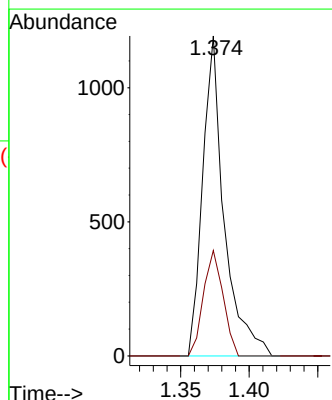
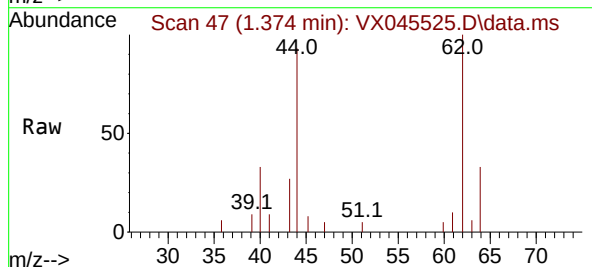
Manual Integrations
APPROVED

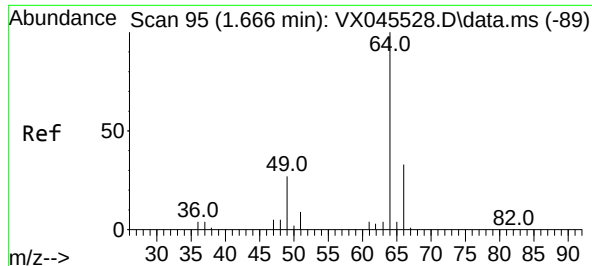
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 0.955 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

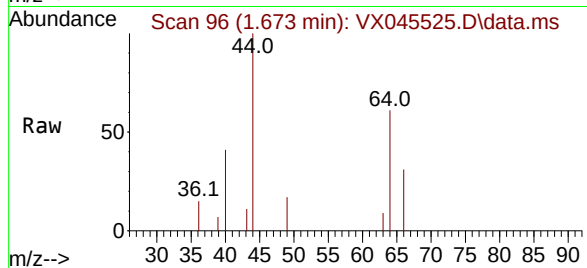
Tgt Ion: 62 Resp: 1299
Ion Ratio Lower Upper
62 100
64 32.9 25.5 38.3





#6
Chloroethane
Concen: 1.014 ug/l
RT: 1.673 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

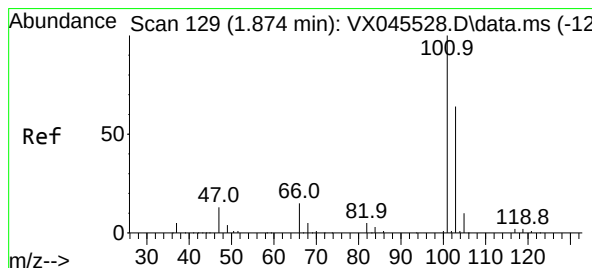
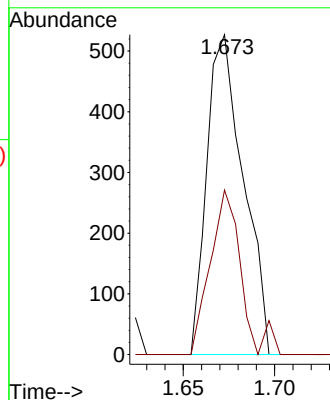
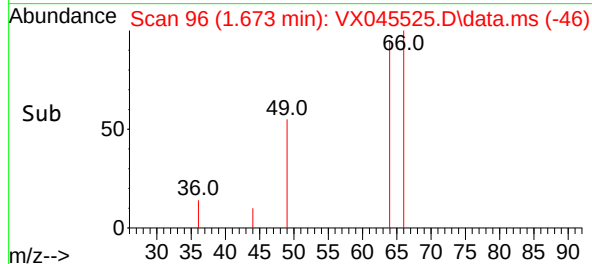
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 732
Ion Ratio Lower Upper
64 100
66 51.4 26.3 39.5

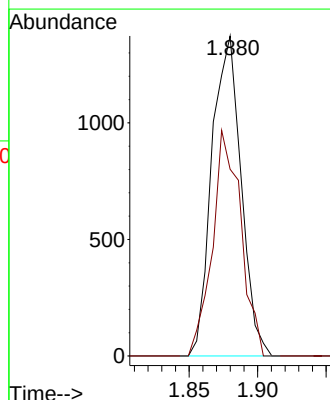
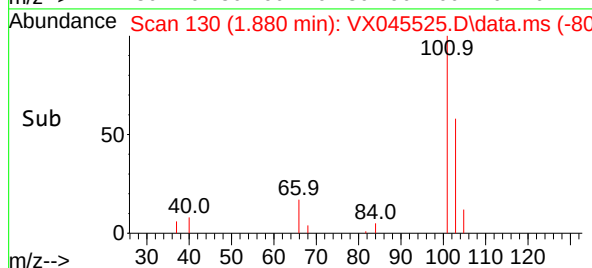
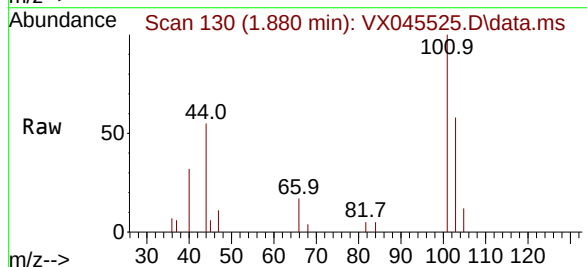
Manual Integrations
APPROVED

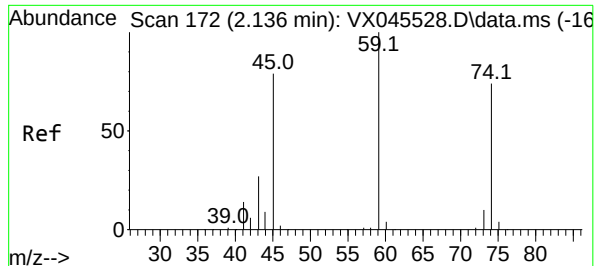
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#7
Trichlorofluoromethane
Concen: 1.003 ug/l
RT: 1.880 min Scan# 130
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

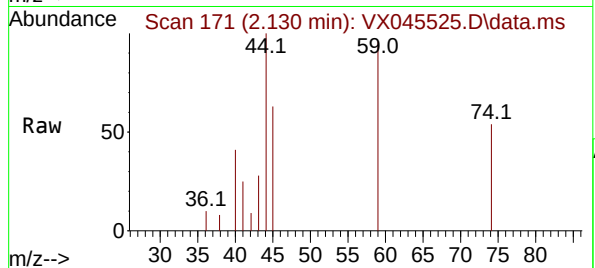
Tgt Ion:101 Resp: 2034
Ion Ratio Lower Upper
101 100
103 58.3 51.1 76.7





#8
Diethyl Ether
Concen: 0.981 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

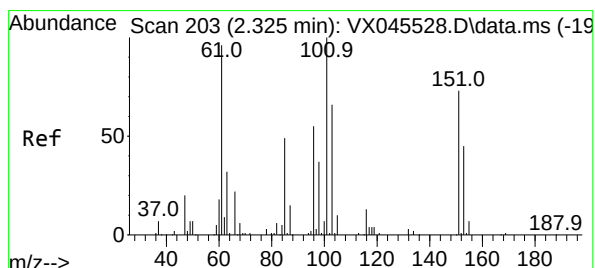
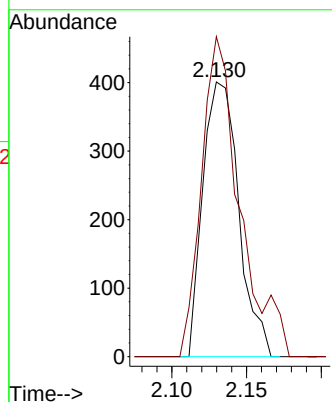
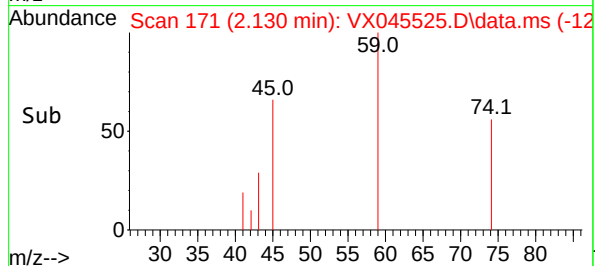
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 74 Resp: 668
Ion Ratio Lower Upper
74 100
45 124.1 53.0 159.1

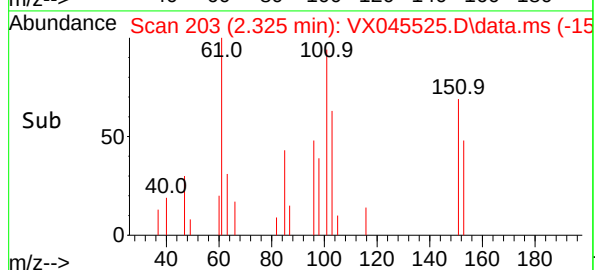
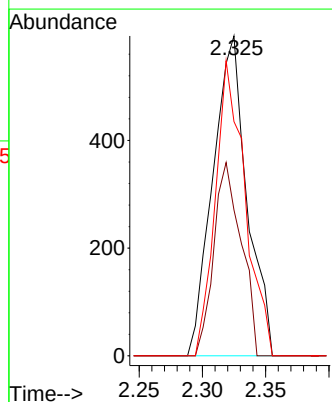
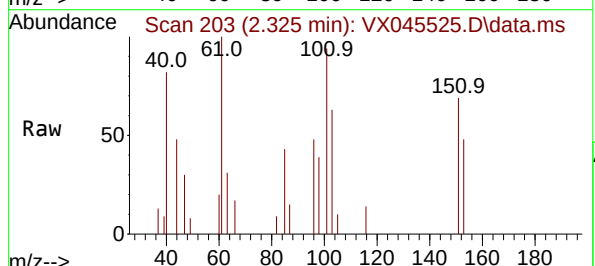
Manual Integrations
APPROVED

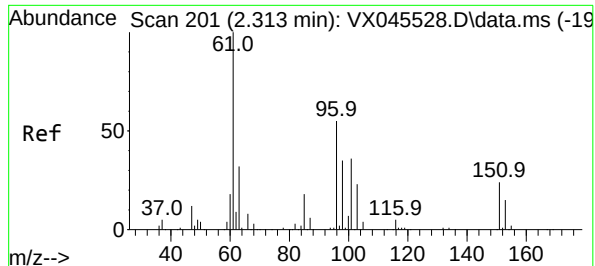
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.936 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:101 Resp: 1113
Ion Ratio Lower Upper
101 100
85 48.7 38.9 58.3
151 80.3 57.5 86.3





#12

1,1-Dichloroethene

Concen: 0.939 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

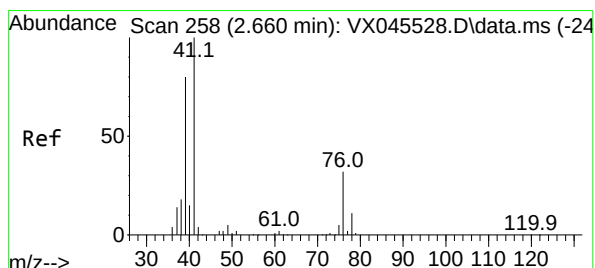
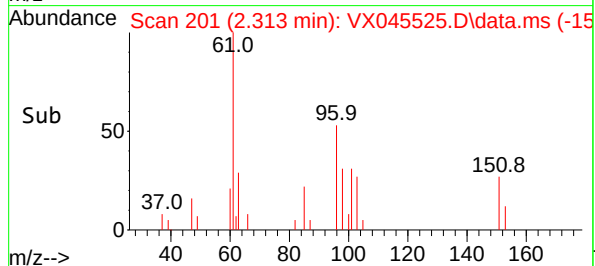
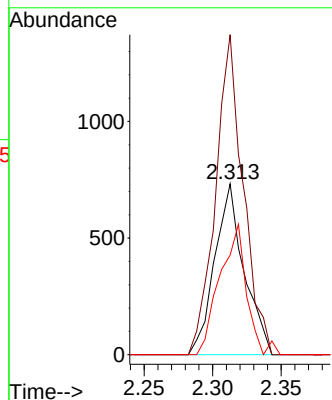
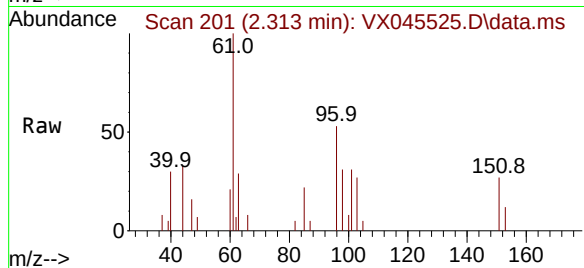
Tgt Ion: 96 Resp: 1090
Ion Ratio Lower Upper
96 100
61 187.2 145.7 218.5
98 58.3 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#14

Allyl chloride

Concen: 0.959 ug/l

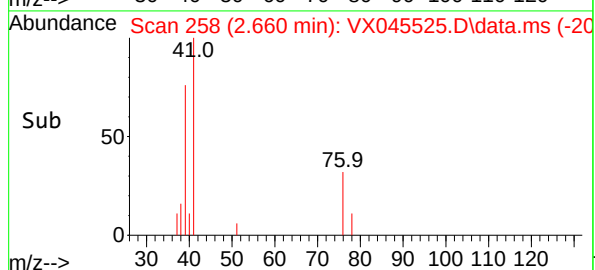
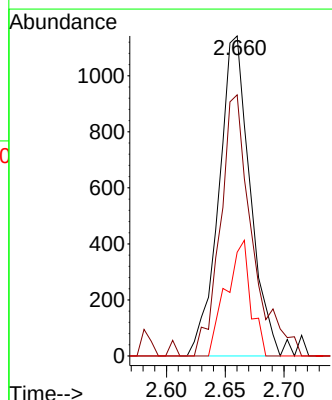
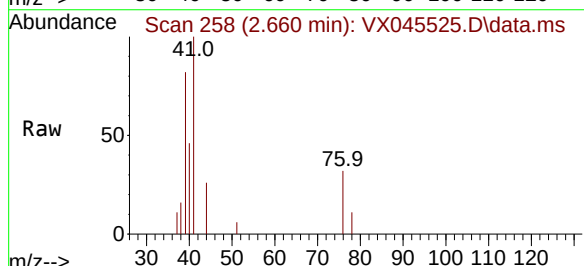
RT: 2.660 min Scan# 258

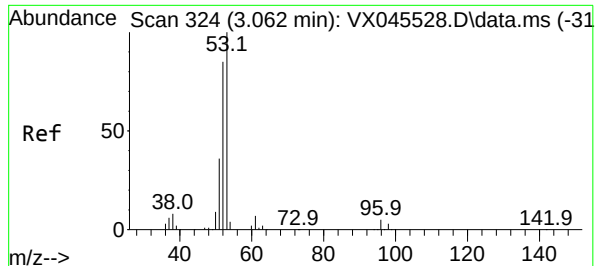
Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

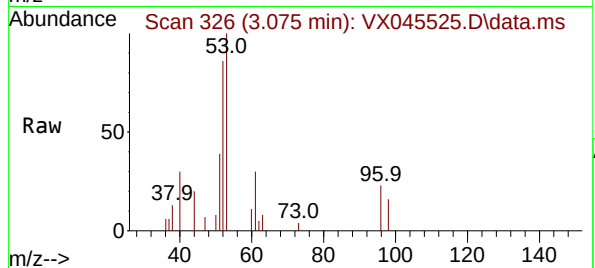
Tgt Ion: 41 Resp: 2113
Ion Ratio Lower Upper
41 100
39 82.6 60.2 90.2
76 28.3 24.6 36.8





#15
Acrylonitrile
Concen: 4.592 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

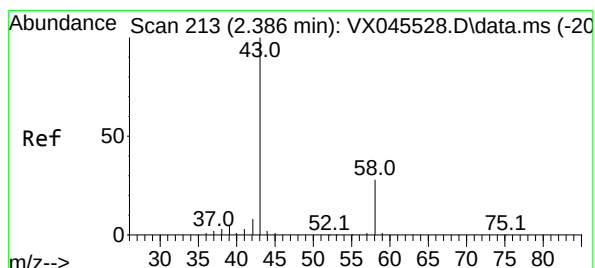
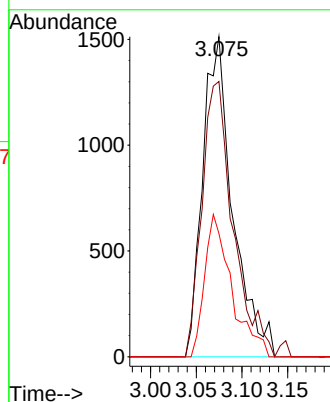
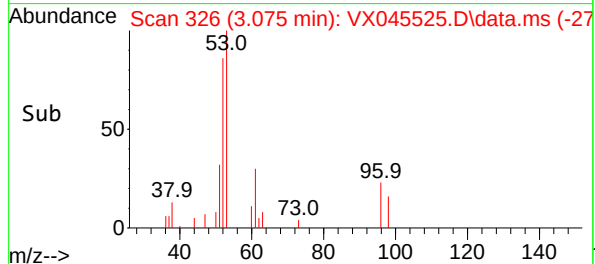
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 344
Ion Ratio Lower Upper
53 100
52 89.4 67.4 101.2
51 40.1 29.9 44.9

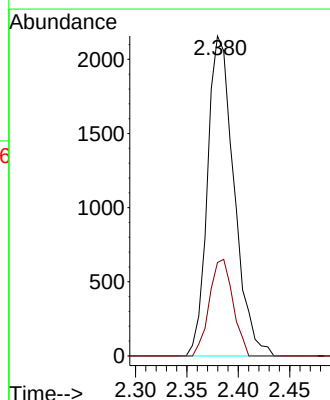
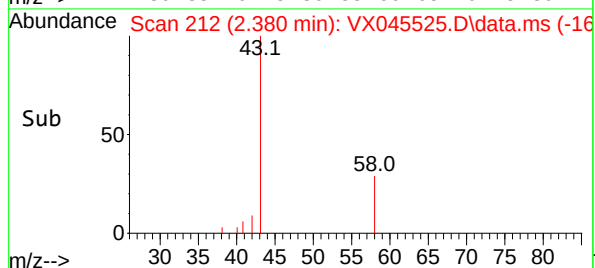
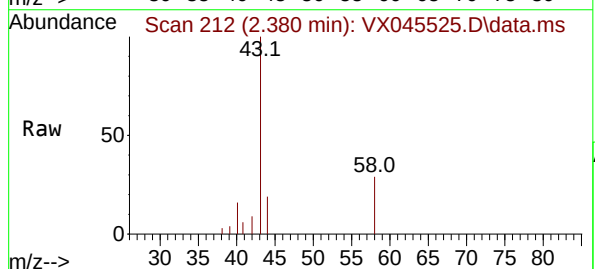
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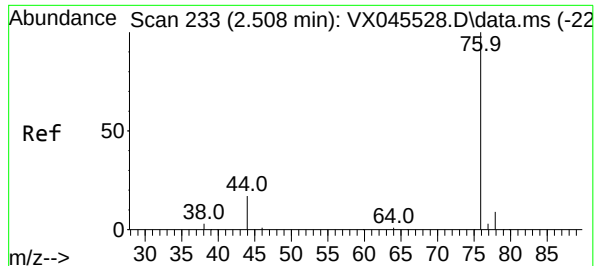
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#16
Acetone
Concen: 5.323 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 3867
Ion Ratio Lower Upper
43 100
58 29.2 22.3 33.5





#17

Carbon Disulfide

Concen: 0.899 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 2580

Ion Ratio Lower Upper

76 100

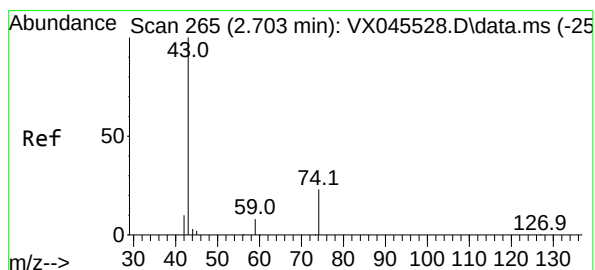
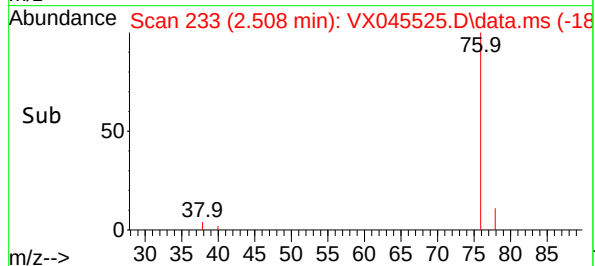
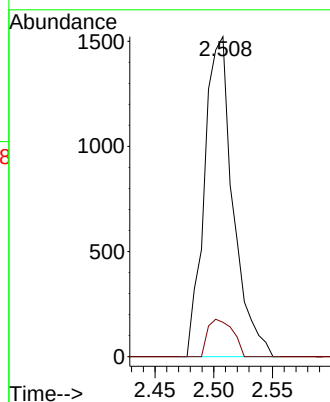
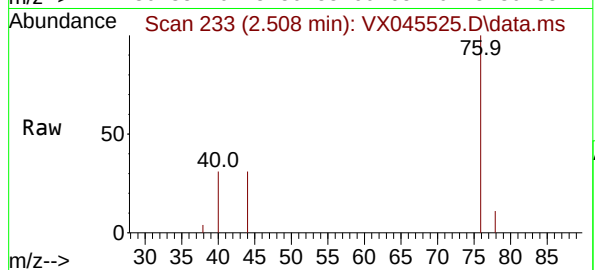
78 10.7 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#18

Methyl Acetate

Concen: 1.043 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045525.D

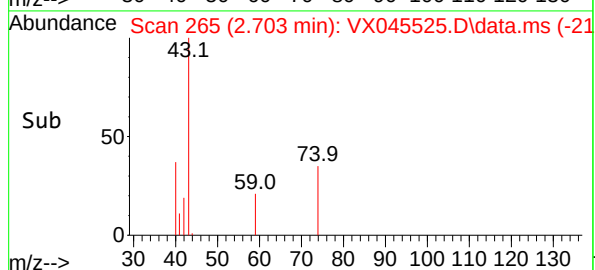
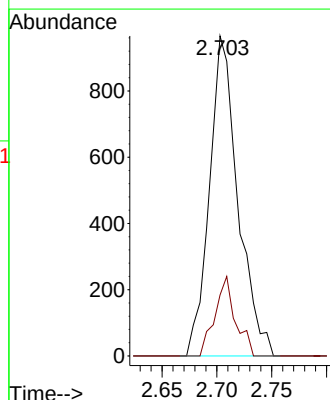
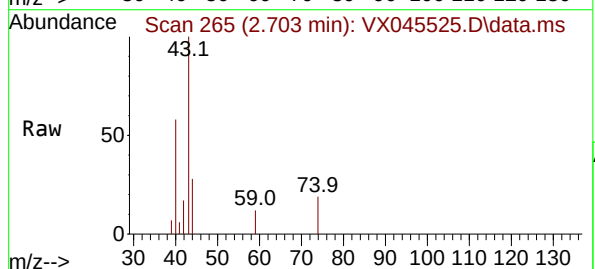
Acq: 01 Apr 2025 17:06

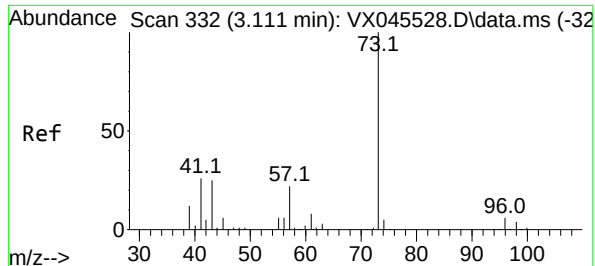
Tgt Ion: 43 Resp: 1744

Ion Ratio Lower Upper

43 100

74 17.8 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 0.912 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 73 Resp: 370

Ion Ratio Lower Upper

73 100

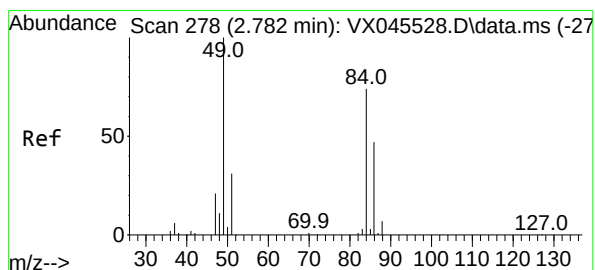
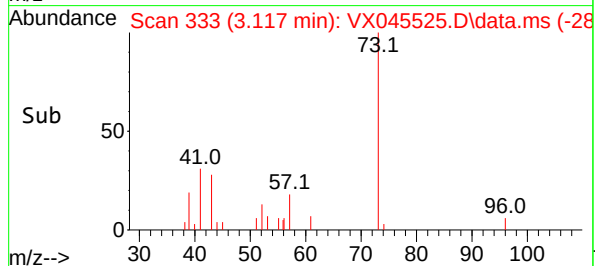
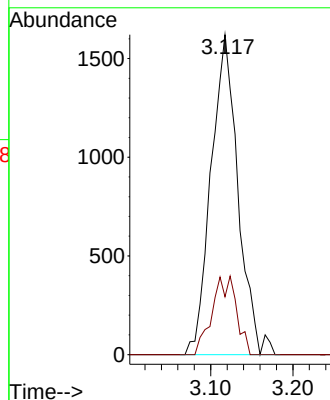
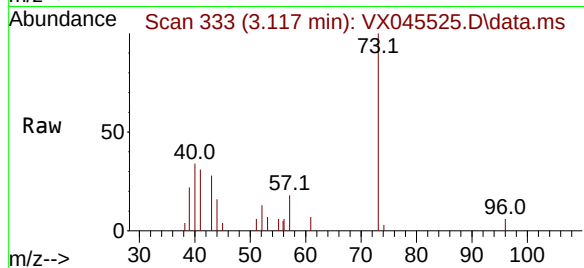
57 18.1 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#20

Methylene Chloride

Concen: 0.984 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion: 84 Resp: 1338

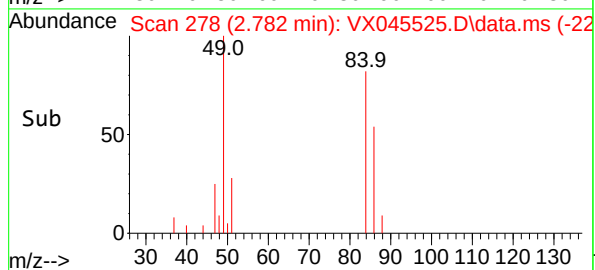
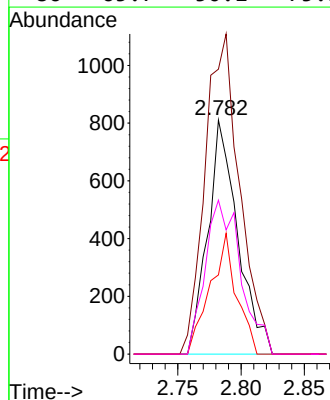
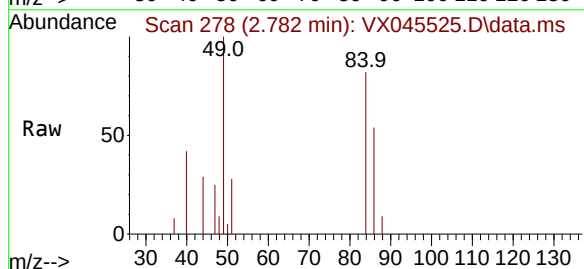
Ion Ratio Lower Upper

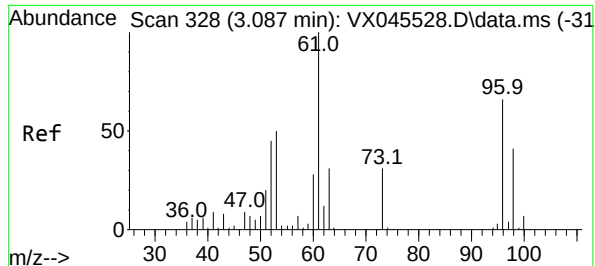
84 100

49 121.7 107.5 161.3

51 33.8 33.0 49.6

86 65.7 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 0.936 ug/l

RT: 3.087 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 111

Ion Ratio Lower Upper

96 100

61 152.6 121.0 181.6

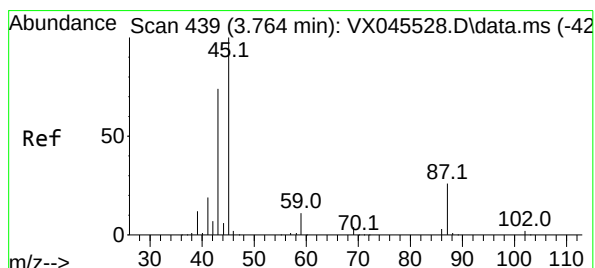
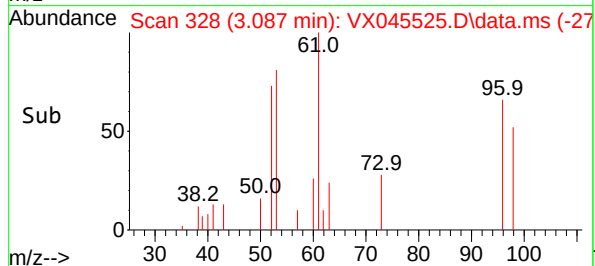
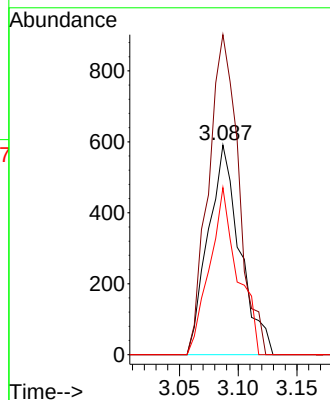
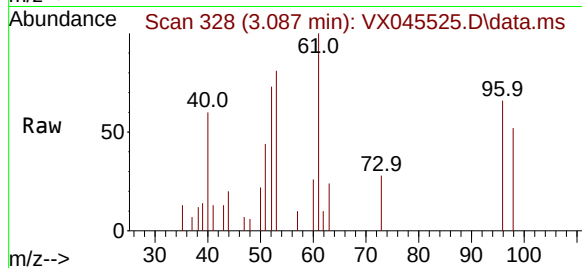
98 79.7 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#22

Diisopropyl ether

Concen: 0.893 ug/l

RT: 3.758 min Scan# 438

Delta R.T. -0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion: 45 Resp: 3875

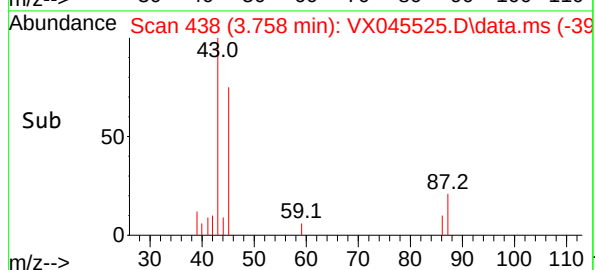
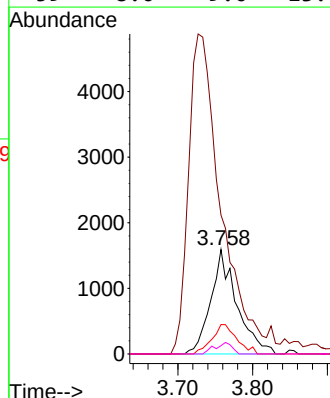
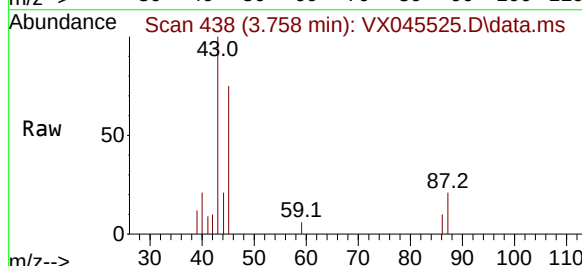
Ion Ratio Lower Upper

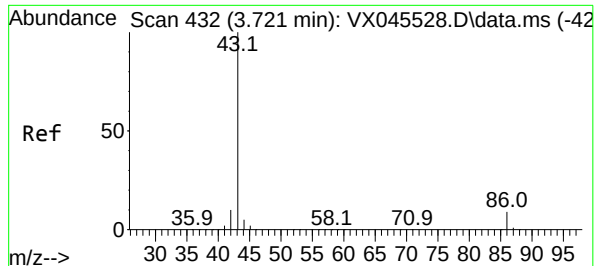
45 100

43 123.5 59.3 88.9#

87 28.2 20.4 30.6

59 8.0 9.0 13.6#





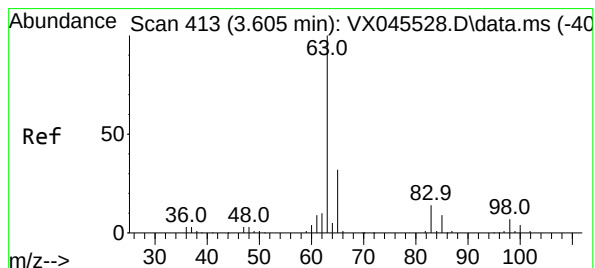
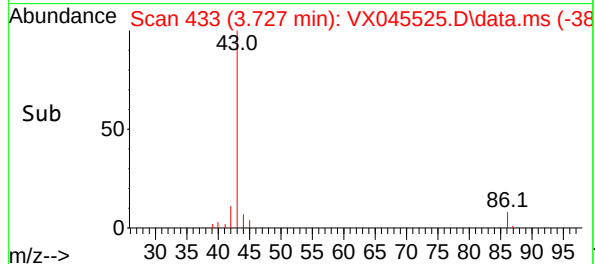
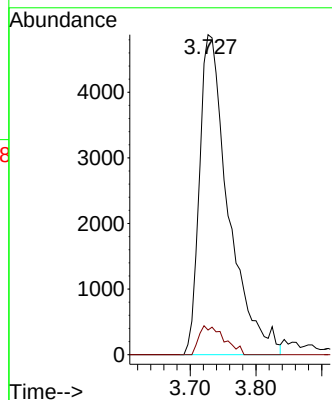
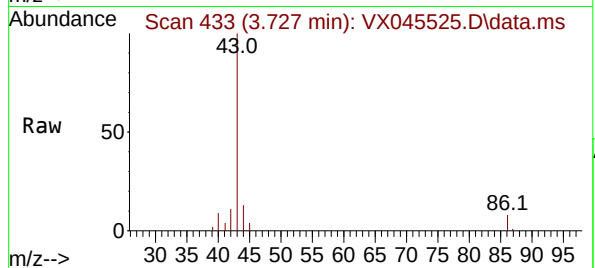
#23
Vinyl Acetate
Concen: 3.979 ug/l
RT: 3.727 min Scan# 411
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
86 7.7 7.5 11.3

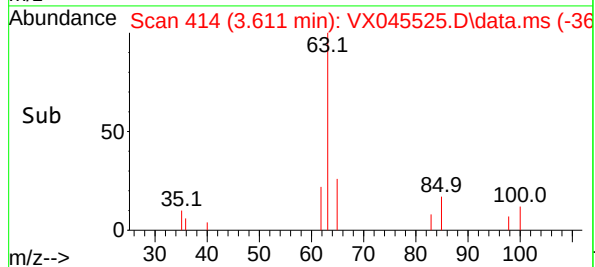
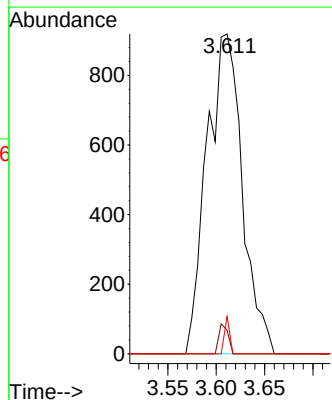
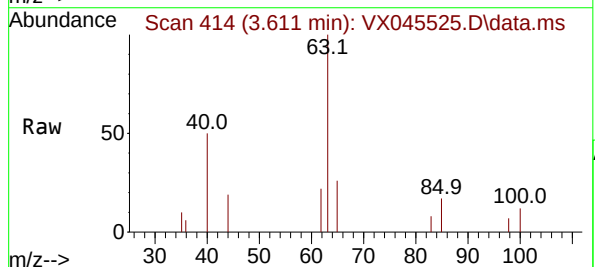
Manual Integrations
APPROVED

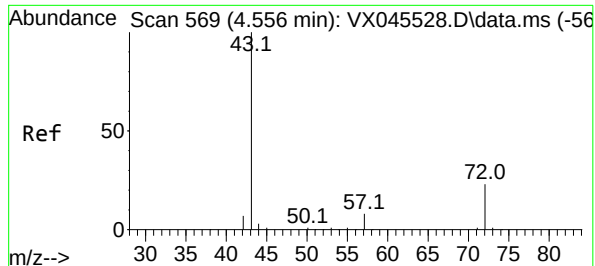
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#24
1,1-Dichloroethane
Concen: 0.954 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 63 Resp: 2343
Ion Ratio Lower Upper
63 100
98 7.4 3.4 10.1
100 11.6 2.2 6.6





#25

2-Butanone

Concen: 4.317 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 4590

Ion Ratio Lower Upper

43 100

72 27.2 18.6 28.0

Instrument :

MSVOA_X

ClientSampleId :

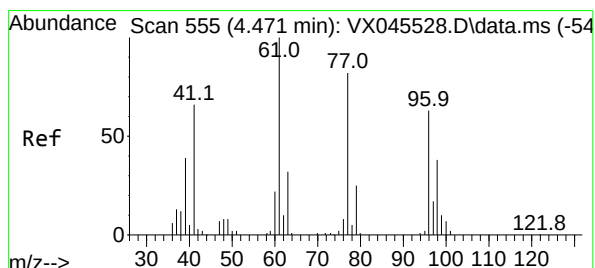
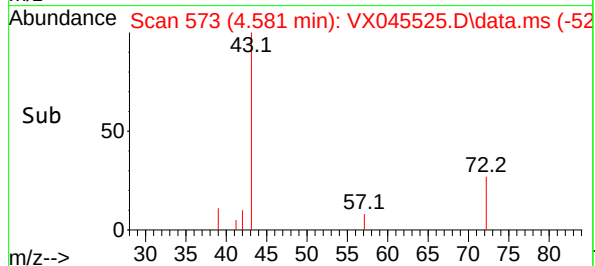
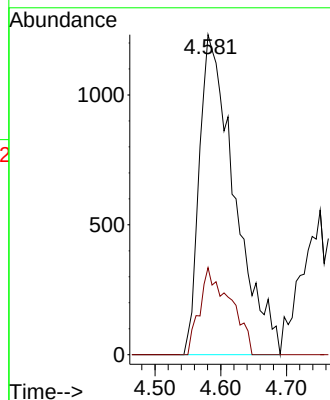
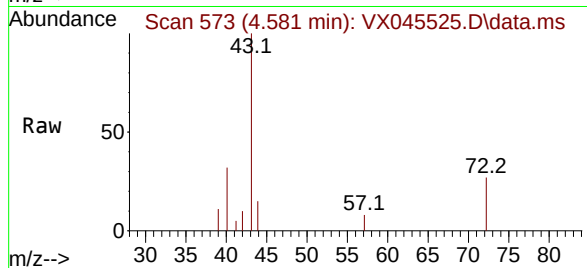
VSTDIC001

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#26

2,2-Dichloropropane

Concen: 0.824 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX045525.D

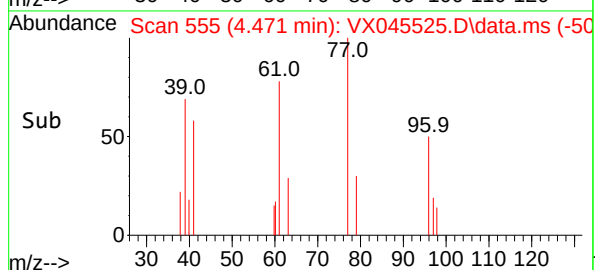
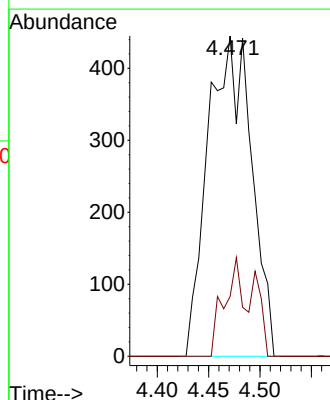
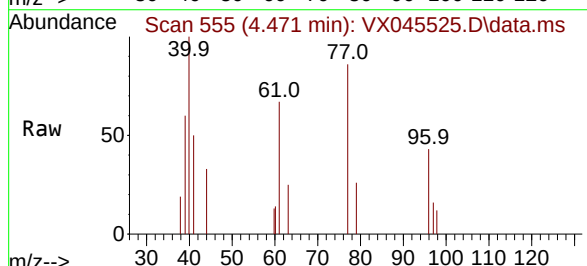
Acq: 01 Apr 2025 17:06

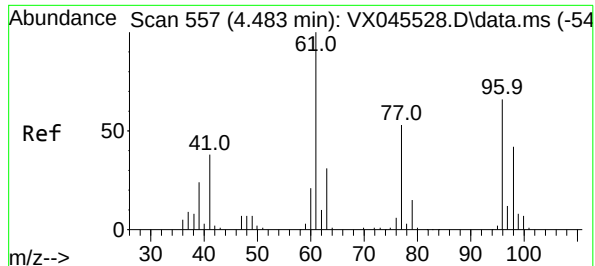
Tgt Ion: 77 Resp: 1307

Ion Ratio Lower Upper

77 100

97 13.9 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 1.020 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 147

Ion Ratio Lower Upper

96 100

61 127.7 0.0 313.2

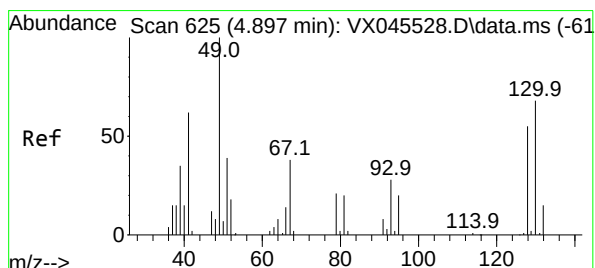
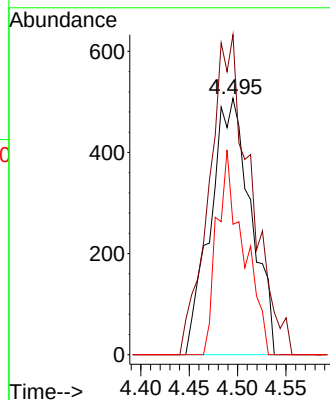
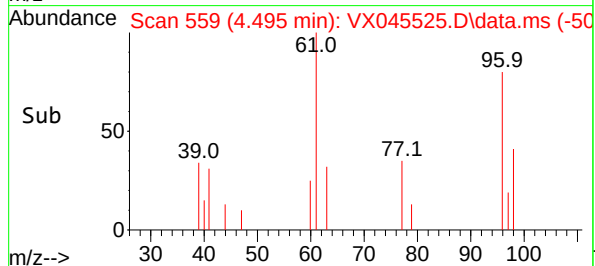
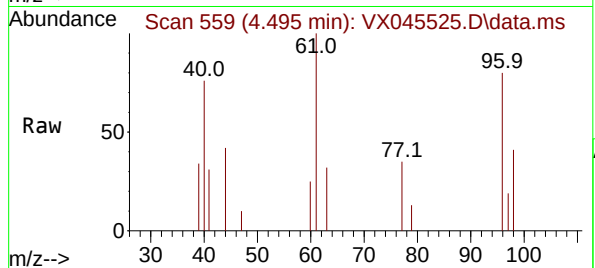
98 52.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 1.094 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

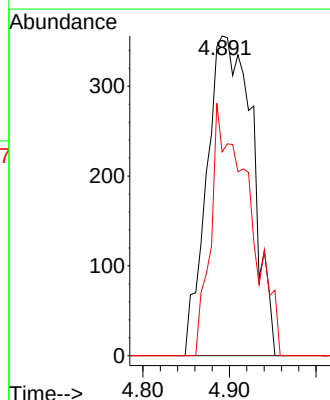
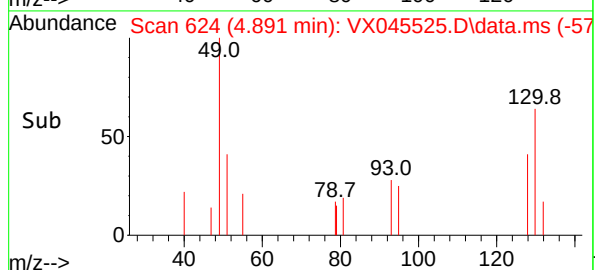
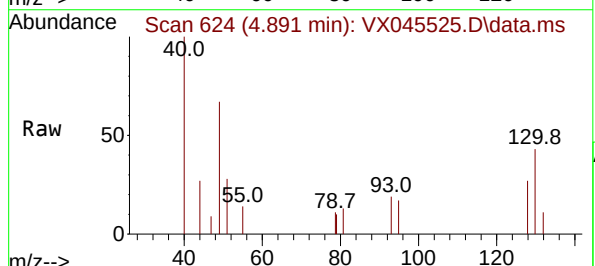
Tgt Ion: 49 Resp: 1298

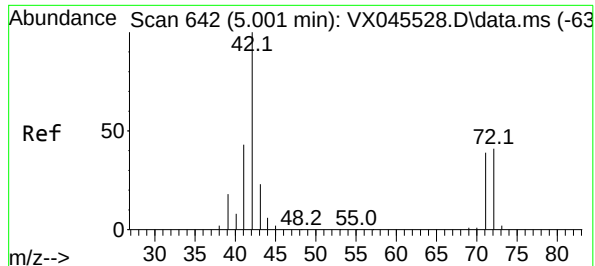
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 66.0 54.6 81.8





#29

Tetrahydrofuran

Concen: 4.752 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

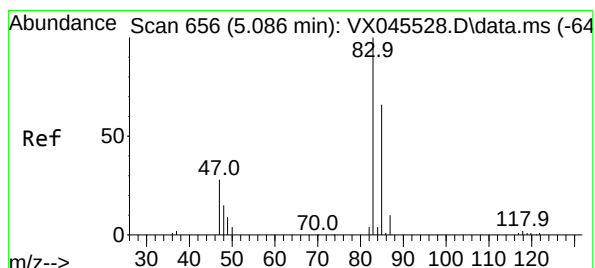
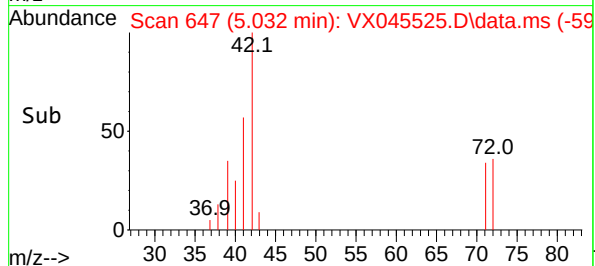
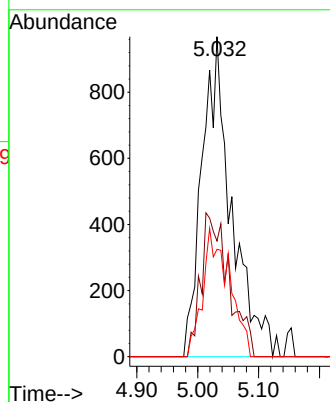
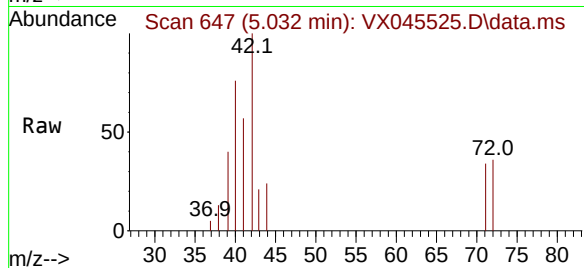
Tgt Ion:	42	Resp:	3270
Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.4	50.0
71	36.0	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#30

Chloroform

Concen: 0.953 ug/l

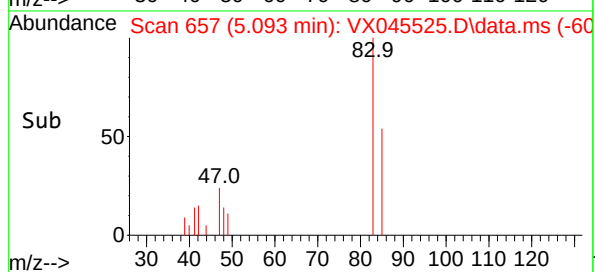
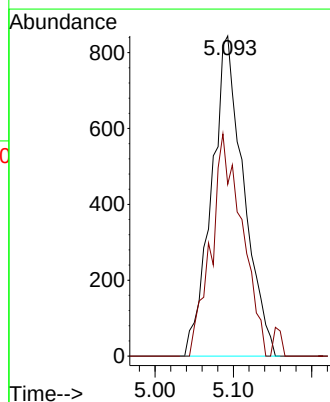
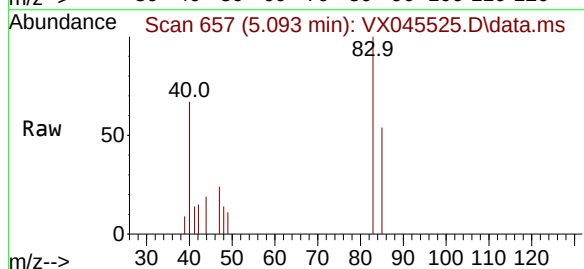
RT: 5.093 min Scan# 657

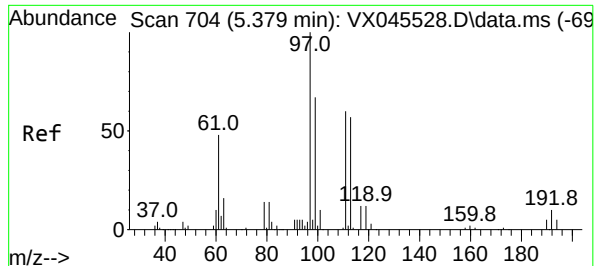
Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion:	83	Resp:	2406
Ion	Ratio	Lower	Upper
83	100		
85	53.7	52.8	79.2





#32

1,1,1-Trichloroethane

Concen: 0.931 ug/l

RT: 5.385 min Scan# 70

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 97 Resp: 1989

Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5

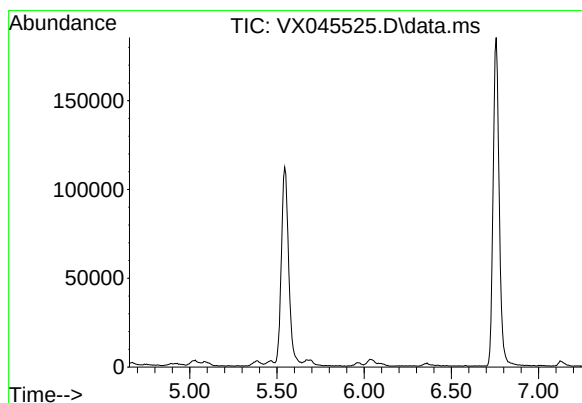
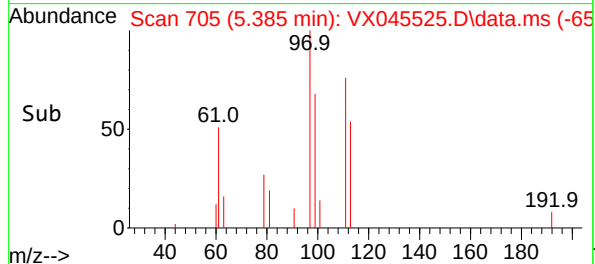
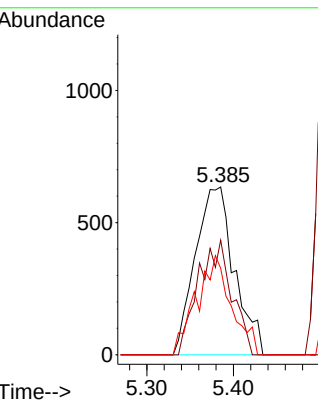
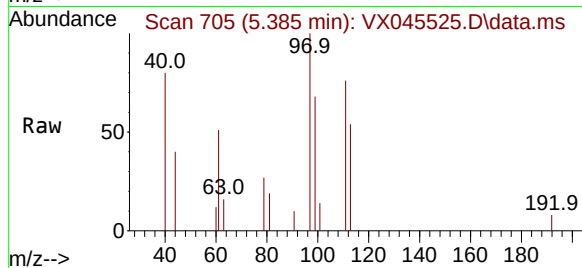
61 52.8 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.95 min

Lab File: VX045525.D

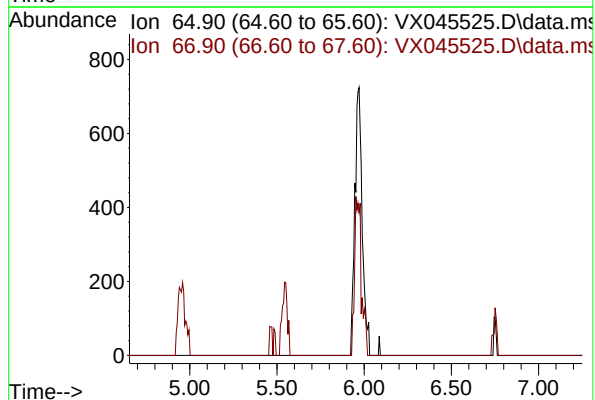
Acq: 01 Apr 2025 17:06

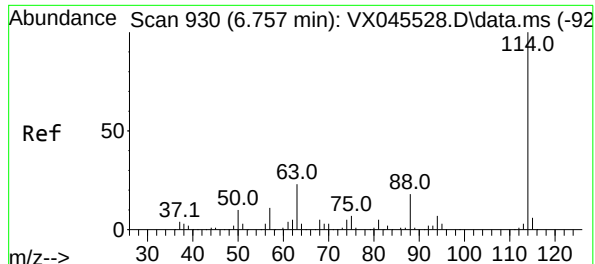
Tgt Ion: 65

Sig Exp Ratio

65 100

67 49.5





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 17526

Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.8

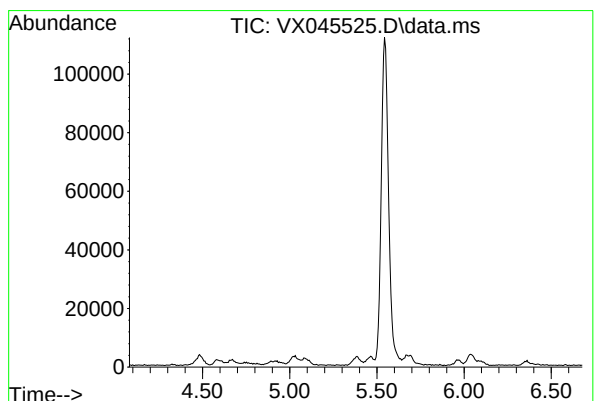
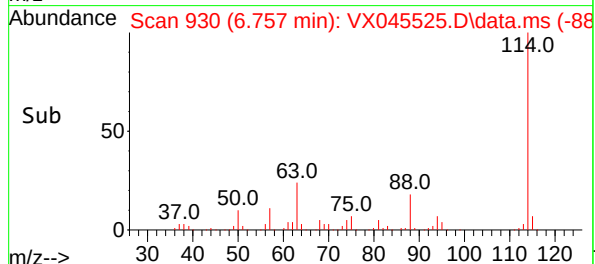
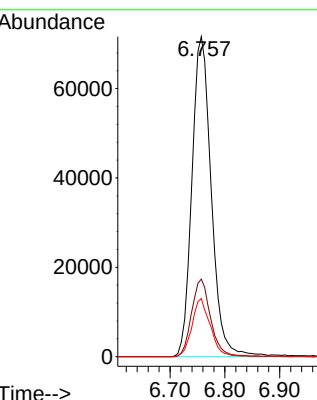
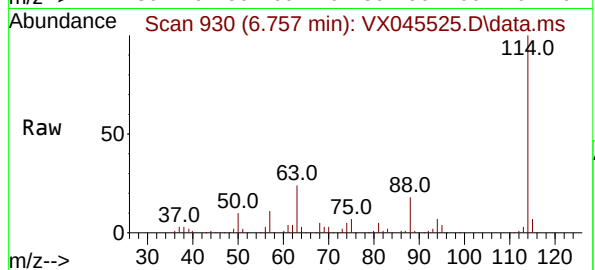
88 18.1 0.0 35.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.38 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

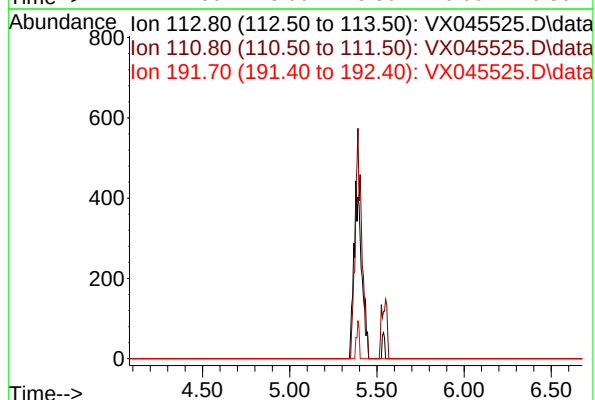
Tgt Ion: 113

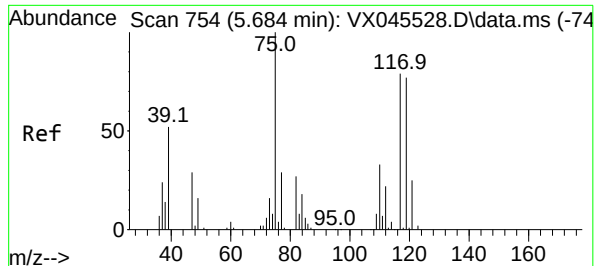
Sig Exp Ratio

113 100

111 102.2

192 17.2





#36

1,1-Dichloropropene

Concen: 0.995 ug/l

RT: 5.696 min Scan# 701

Delta R.T. 0.012 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

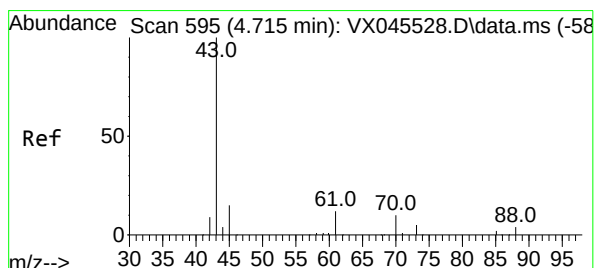
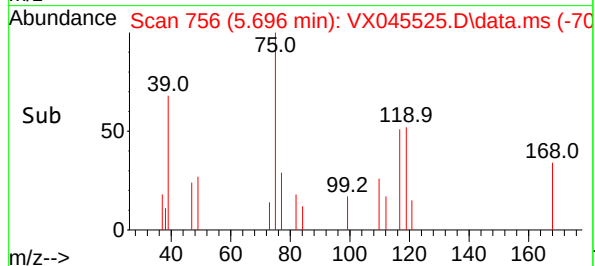
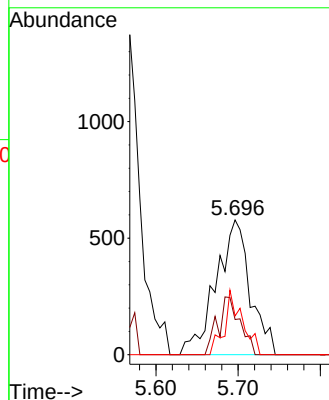
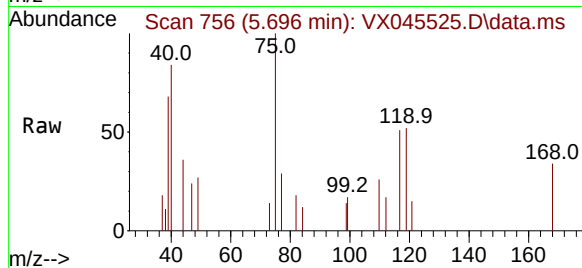
Tgt Ion	Ratio	Lower	Upper
75	100		
110	27.6	16.9	50.6
77	25.0	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#37

Ethyl Acetate

Concen: 0.964 ug/l

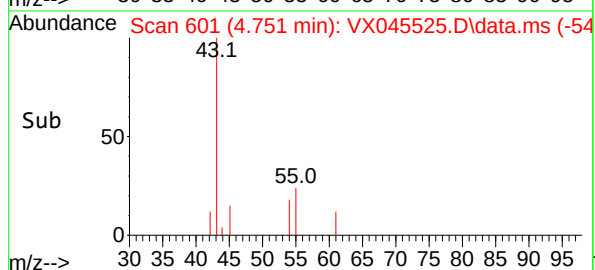
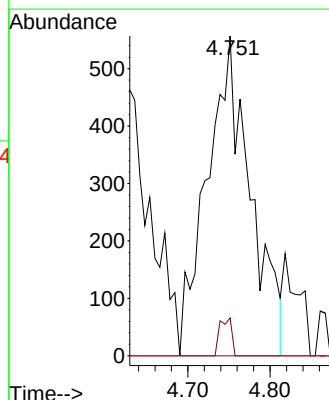
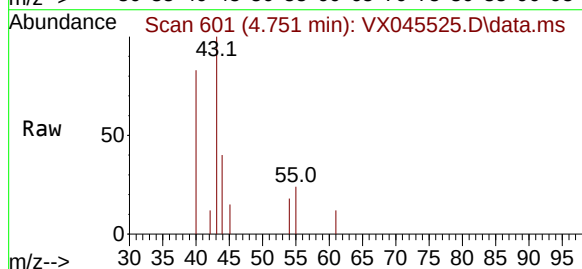
RT: 4.751 min Scan# 601

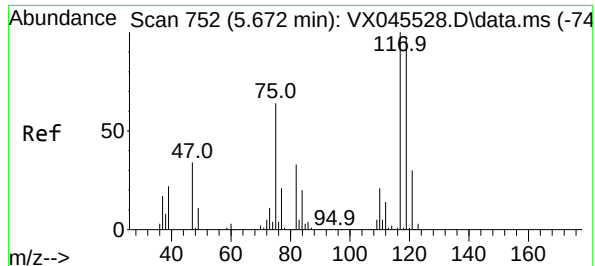
Delta R.T. 0.037 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	3.3	9.9	14.9#
70	0.0	7.5	11.3#





#38

Carbon Tetrachloride

Concen: 0.870 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:117 Resp: 1578

Ion Ratio Lower Upper

117 100

119 102.7 76.9 115.3

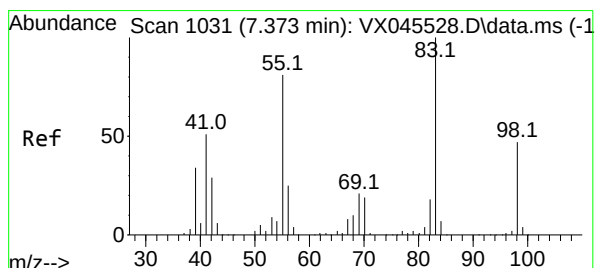
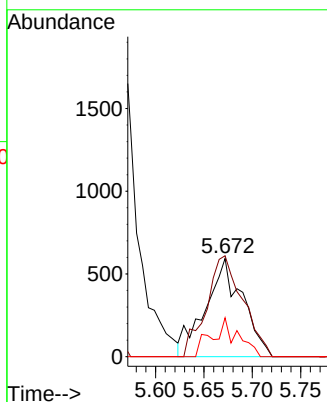
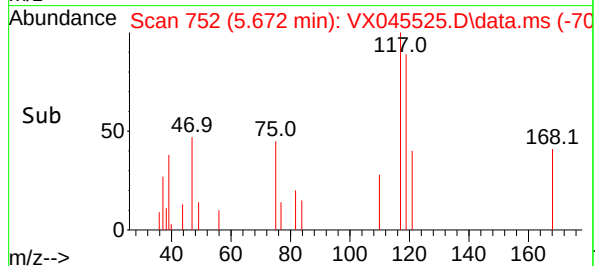
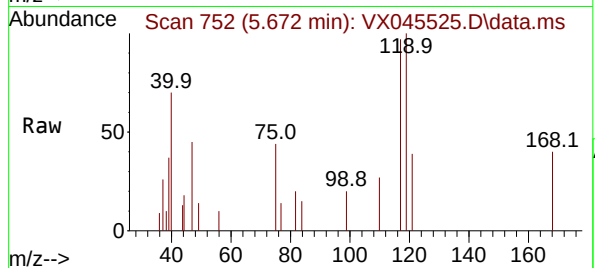
121 39.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#39

Methylcyclohexane

Concen: 0.883 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

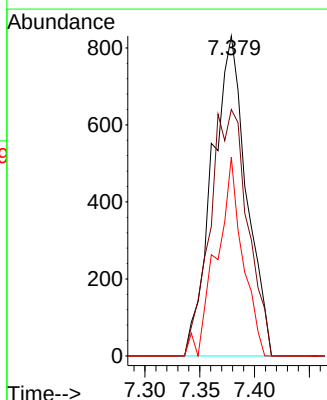
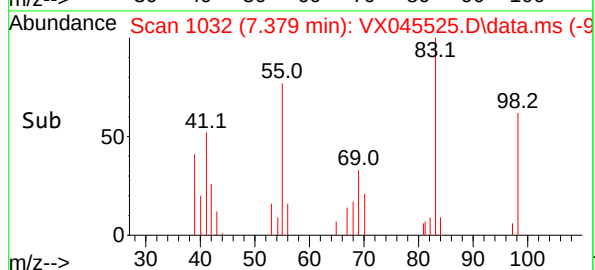
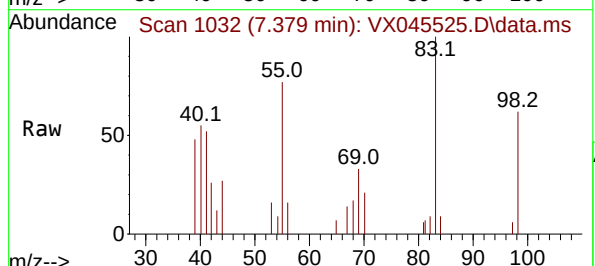
Tgt Ion: 83 Resp: 1818

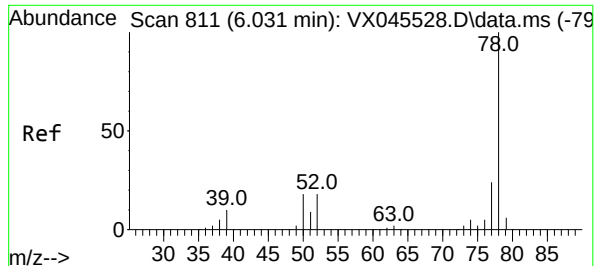
Ion Ratio Lower Upper

83 100

55 77.0 64.9 97.3

98 62.1 37.4 56.0





#40

Benzene

Concen: 0.967 ug/l

RT: 6.038 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion: 78 Resp: 495

Ion Ratio Lower Upper

78 100

77 25.5 19.0 28.6

Instrument :

MSVOA_X

ClientSampleId :

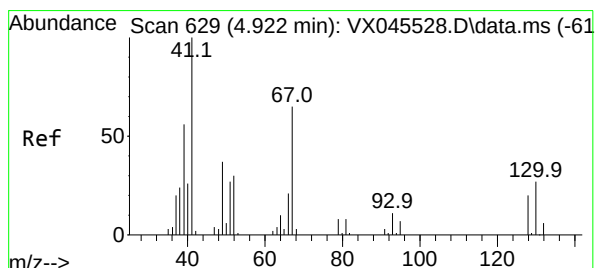
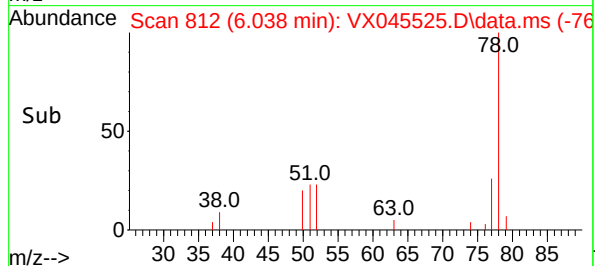
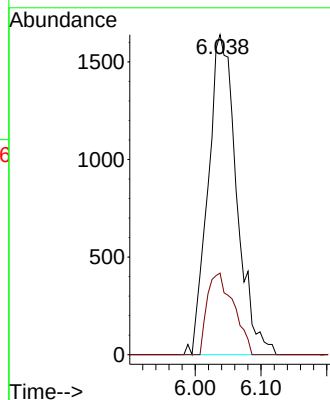
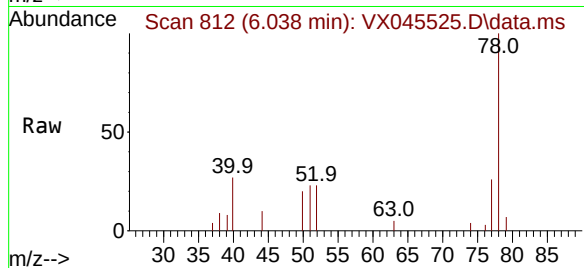
VSTDIC001

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#41

Methacrylonitrile

Concen: 0.784 ug/l m

RT: 4.952 min Scan# 634

Delta R.T. 0.031 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion: 41 Resp: 883

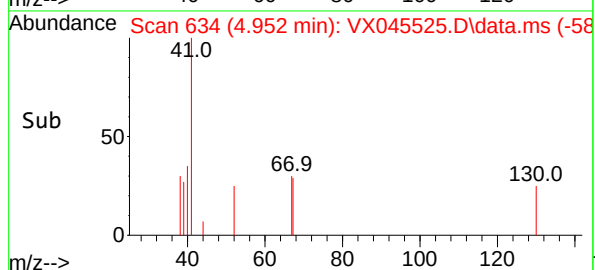
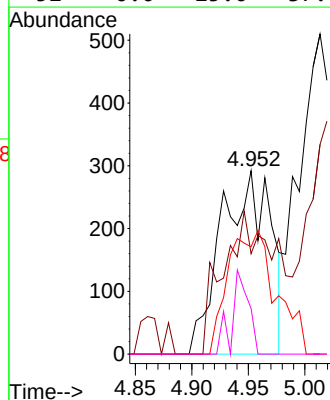
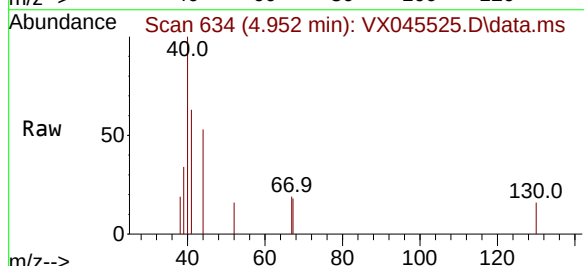
Ion Ratio Lower Upper

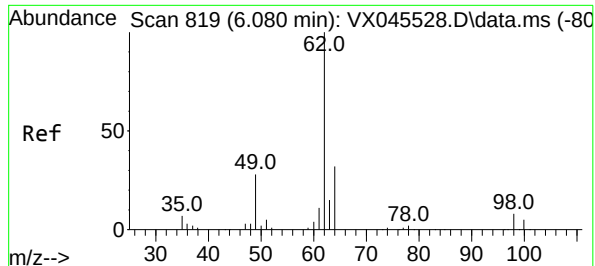
41 100

39 0.0 47.0 70.6#

67 0.0 53.2 79.8#

52 0.0 25.0 37.6#





#42

1,2-Dichloroethane

Concen: 0.882 ug/l

RT: 6.092 min Scan# 819

Delta R.T. 0.012 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 186

Ion Ratio Lower Upper

62 100

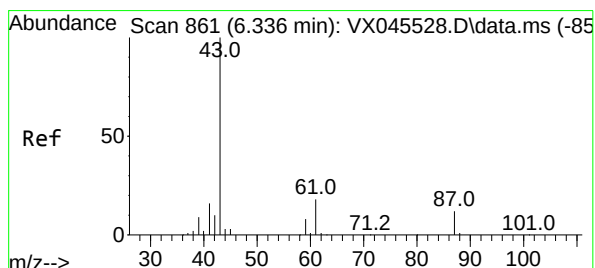
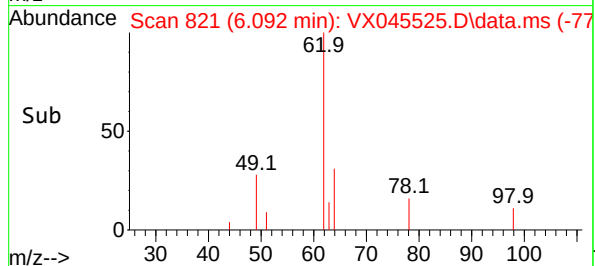
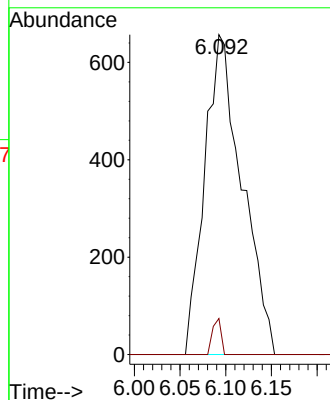
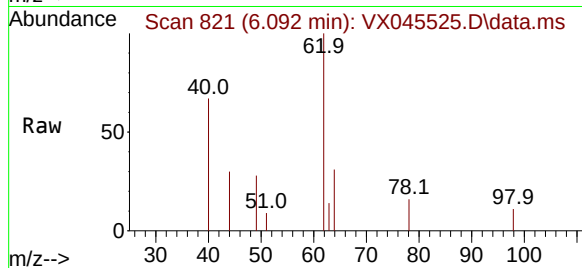
98 2.6 0.0 15.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#43

Isopropyl Acetate

Concen: 0.804 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.025 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

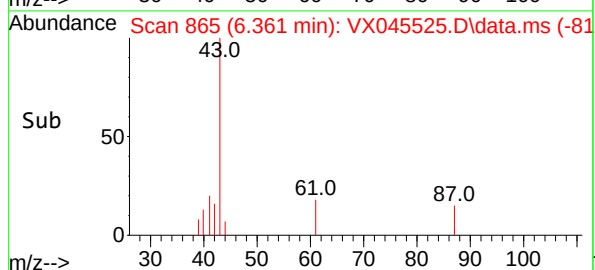
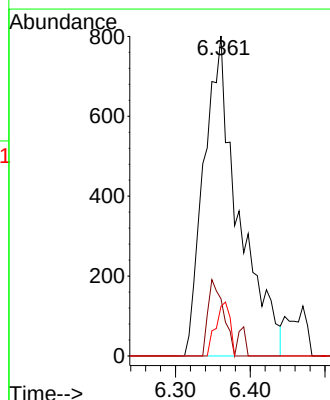
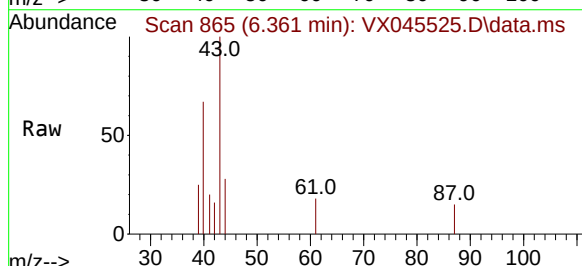
Tgt Ion: 43 Resp: 2578

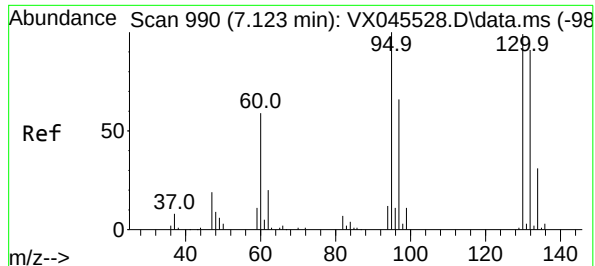
Ion Ratio Lower Upper

43 100

61 10.6 14.1 21.1#

87 6.9 9.2 13.8#





#44

Trichloroethene

Concen: 1.004 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:130 Resp: 1224

Ion Ratio Lower Upper

130 100

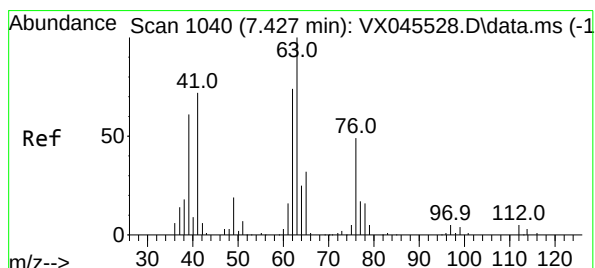
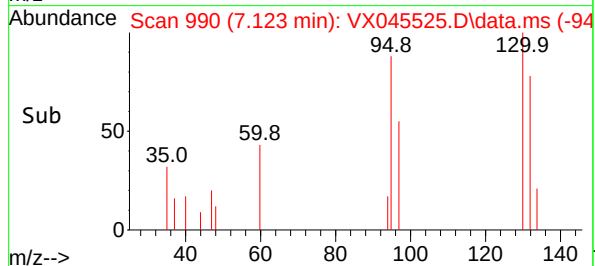
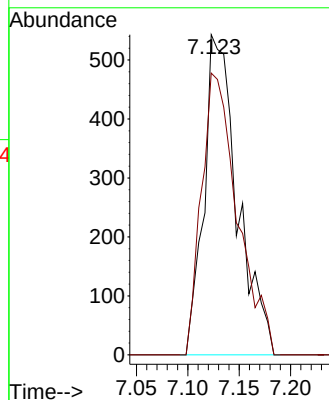
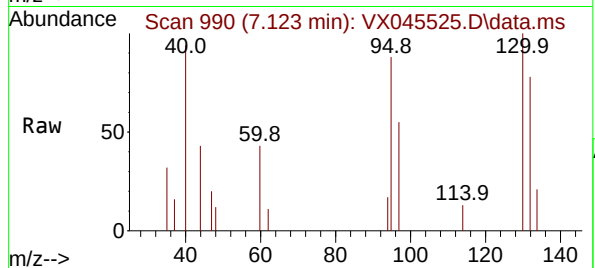
95 88.0 0.0 202.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#45

1,2-Dichloropropane

Concen: 0.846 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX045525.D

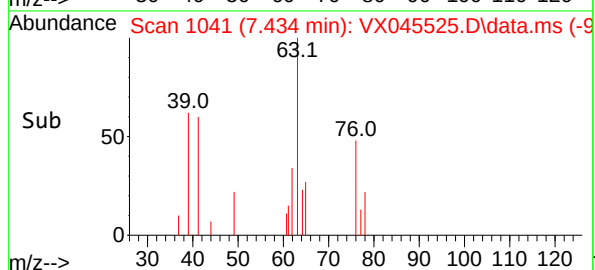
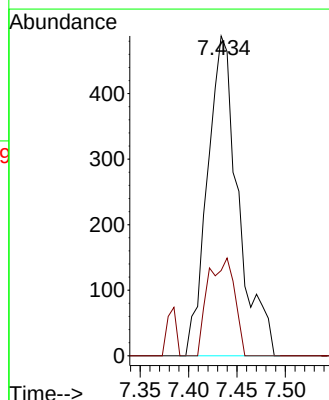
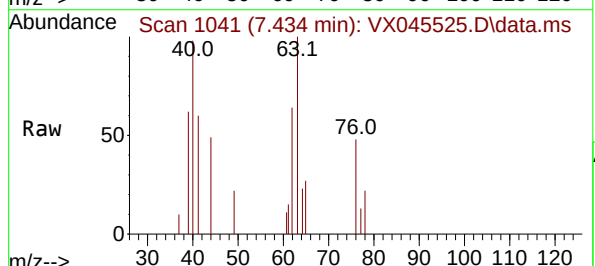
Acq: 01 Apr 2025 17:06

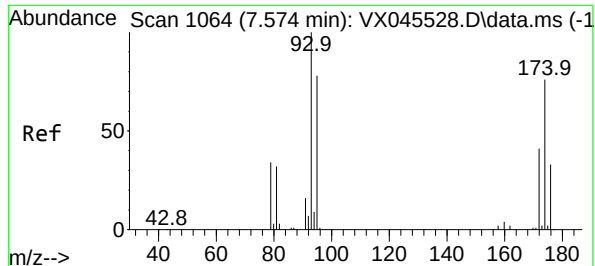
Tgt Ion: 63 Resp: 1082

Ion Ratio Lower Upper

63 100

65 26.6 25.8 38.6





#46

Dibromomethane

Concen: 0.846 ug/l

RT: 7.592 min Scan# 1105

Delta R.T. 0.018 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

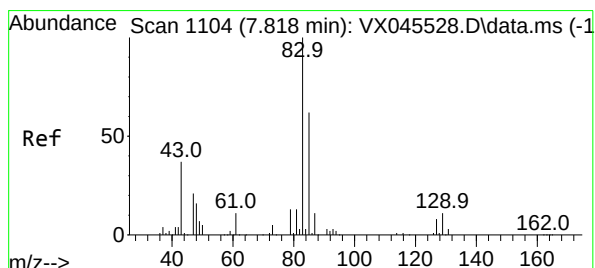
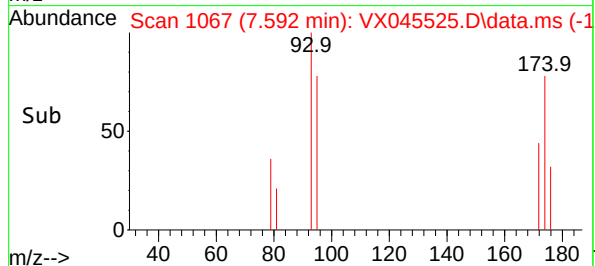
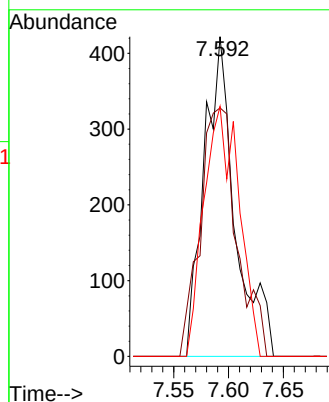
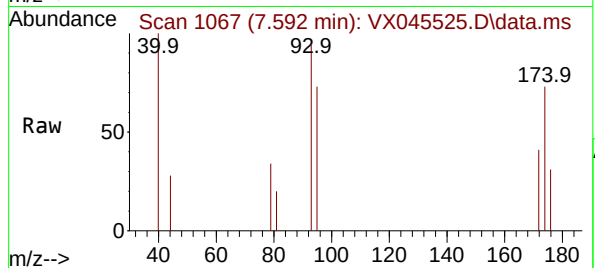
Tgt Ion: 93	Resp: 83
Ion Ratio	Lower Upper
93	100
95	92.2 64.8 97.2
174	88.4 65.4 98.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#47

Bromodichloromethane

Concen: 0.931 ug/l

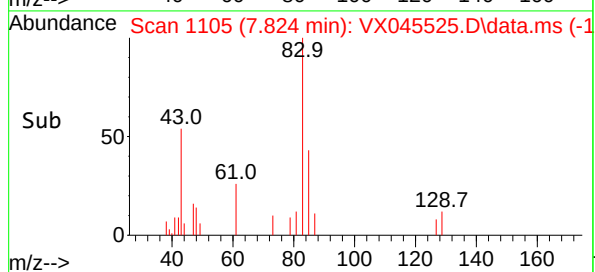
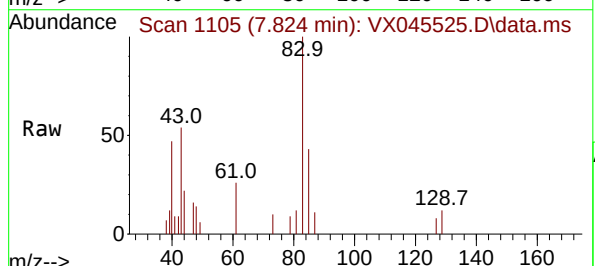
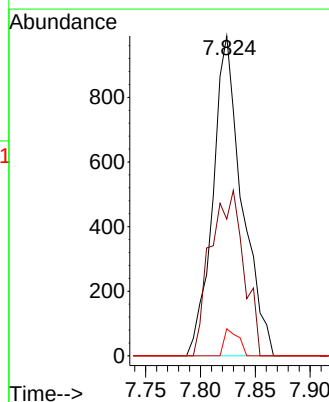
RT: 7.824 min Scan# 1105

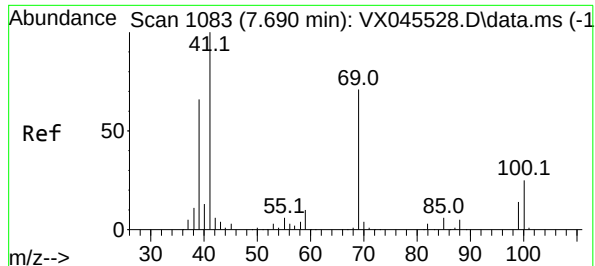
Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion: 83	Resp: 1827
Ion Ratio	Lower Upper
83	100
85	42.7 49.7 74.5
127	8.5 6.1 9.1





#48

Methyl methacrylate

Concen: 0.857 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.031 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

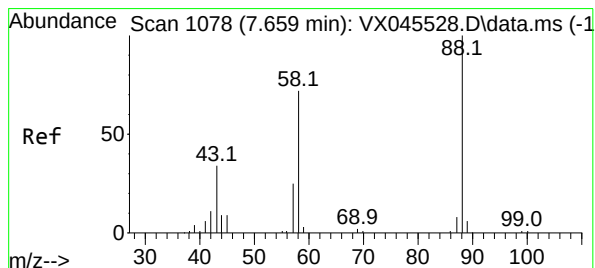
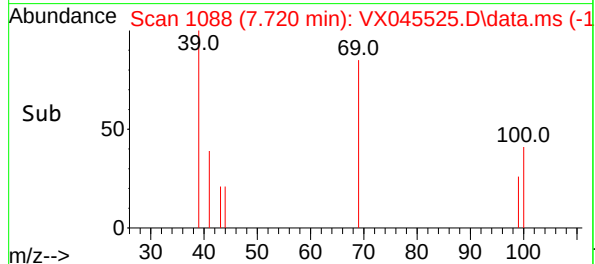
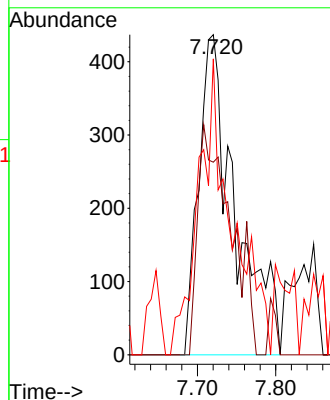
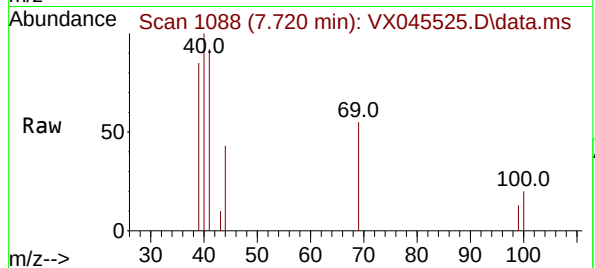
Tgt Ion:	41	Resp:	1419
Ion	Ratio	Lower	Upper
41	100		
69	64.7	58.2	87.2
39	72.7	53.6	80.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#49

1,4-Dioxane

Concen: 15.288 ug/l m

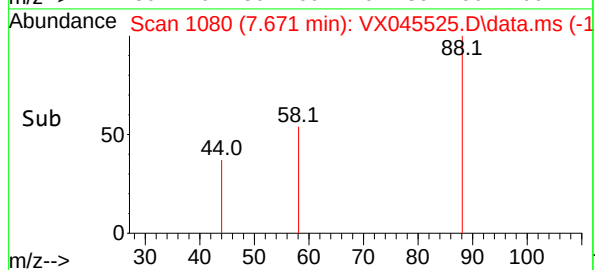
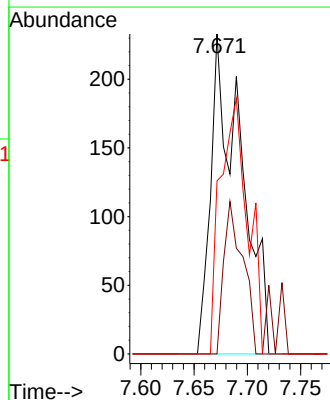
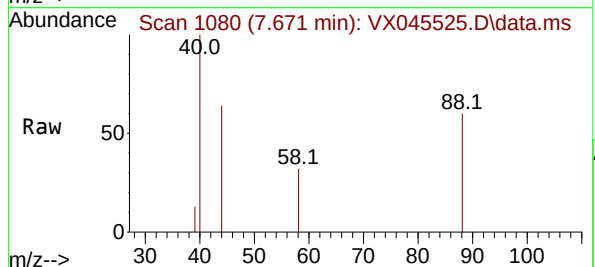
RT: 7.671 min Scan# 1080

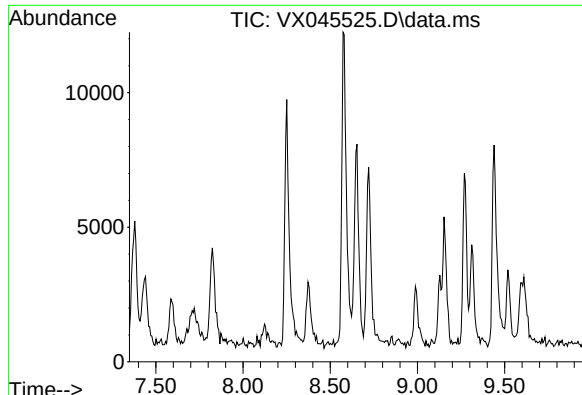
Delta R.T. 0.012 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion:	88	Resp:	458
Ion	Ratio	Lower	Upper
88	100		
43	30.3	32.2	48.4
58	72.3	58.6	88.0





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

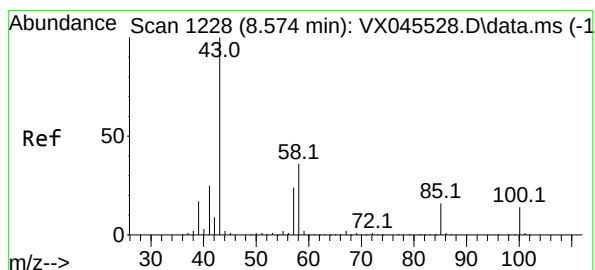
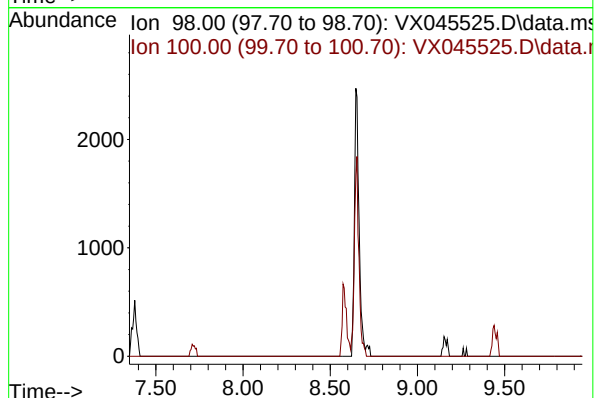
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.3

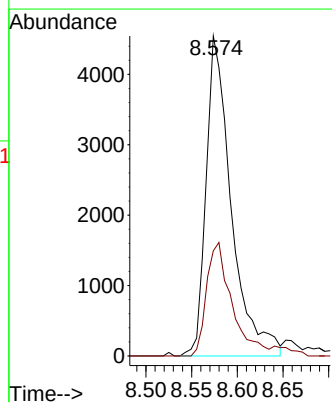
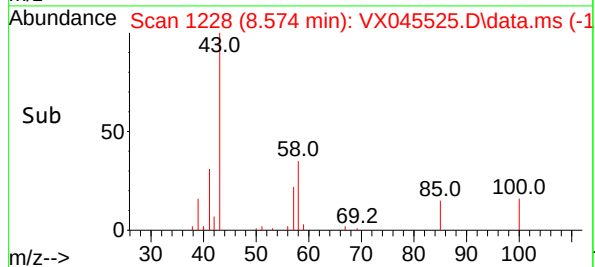
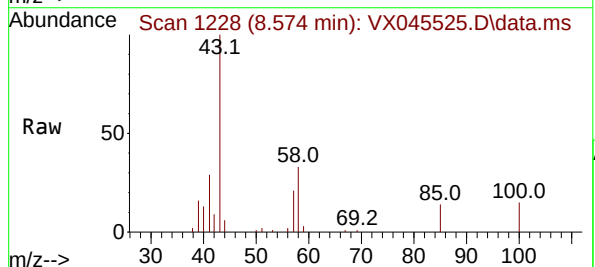
Manual Integrations
APPROVED

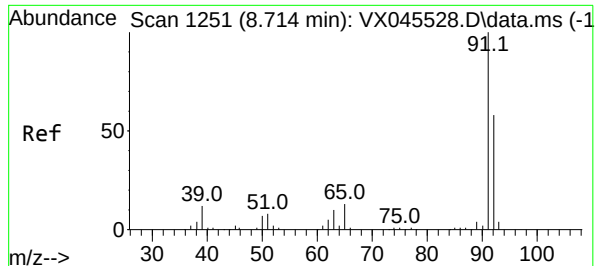
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#51
4-Methyl-2-Pentanone
Concen: 4.114 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 8746
Ion Ratio Lower Upper
43 100
58 35.5 28.5 42.7





#52

Toluene

Concen: 0.923 ug/l

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 286

Ion Ratio Lower Upper

92 100

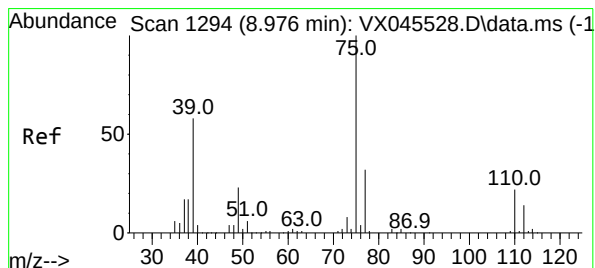
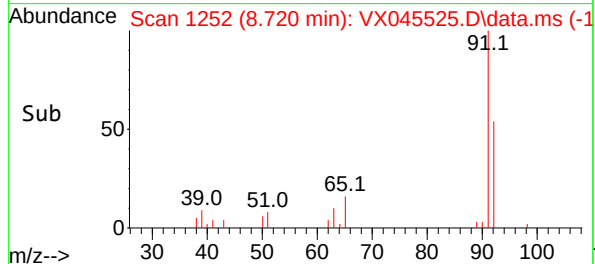
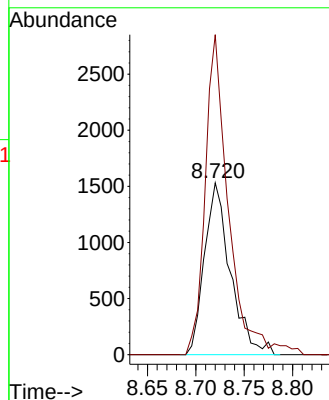
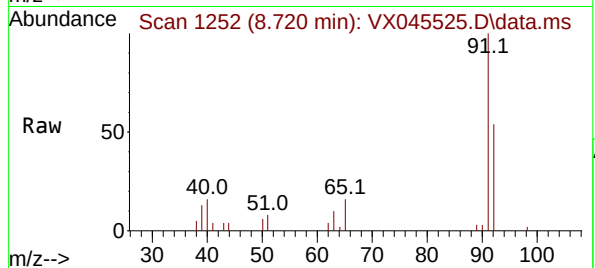
91 167.2 138.7 208.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#53

t-1,3-Dichloropropene

Concen: 2.850 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.012 min

Lab File: VX045525.D

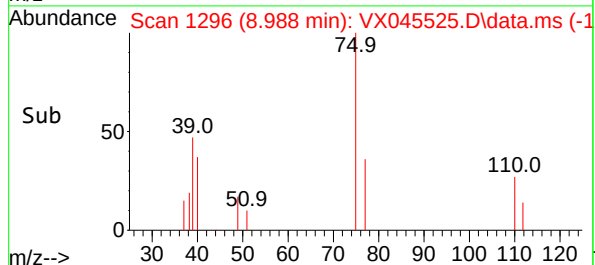
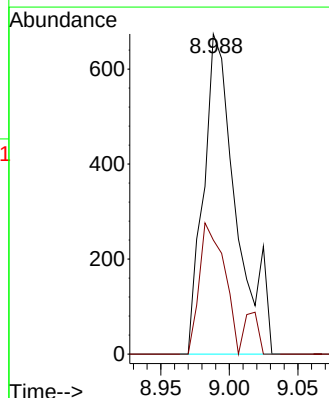
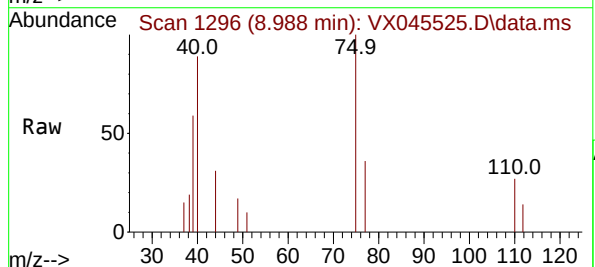
Acq: 01 Apr 2025 17:06

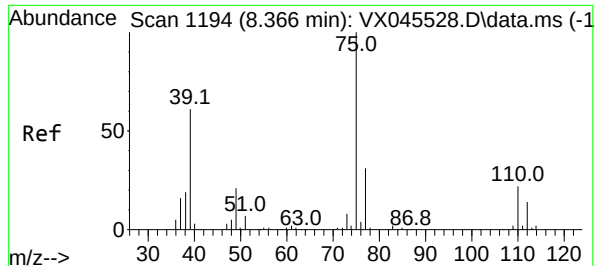
Tgt Ion: 75 Resp: 1109

Ion Ratio Lower Upper

75 100

77 35.6 25.4 38.0





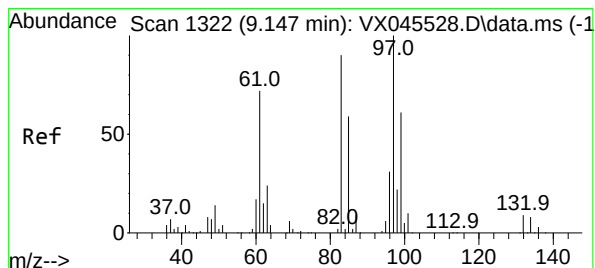
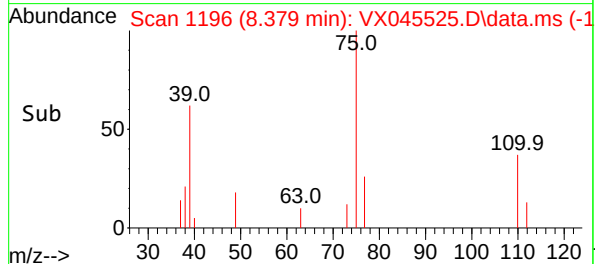
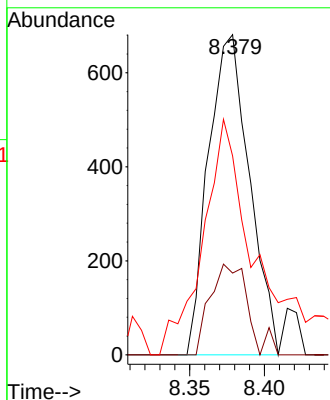
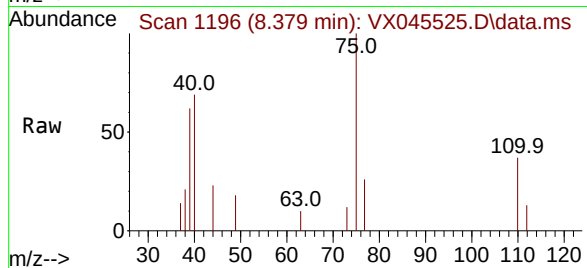
#54
cis-1,3-Dichloropropene
Concen: 0.705 ug/l
RT: 8.379 min Scan# 1196
Delta R.T. 0.013 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 1300
Ion Ratio Lower Upper
75 100
77 25.6 24.6 36.8
39 52.4 48.4 72.6

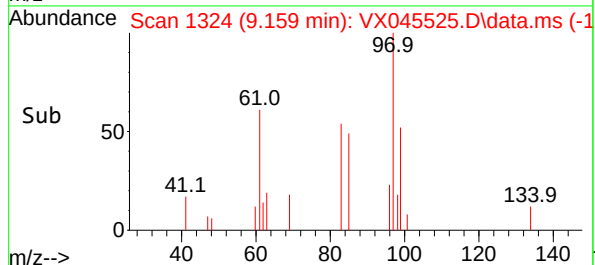
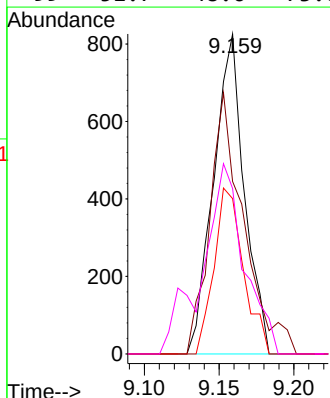
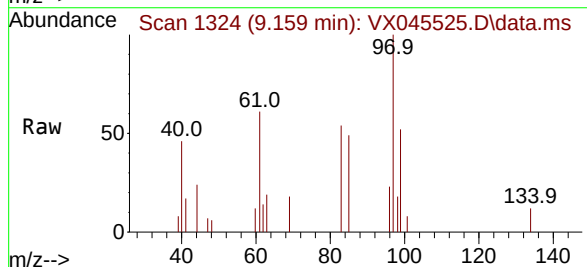
Manual Integrations
APPROVED

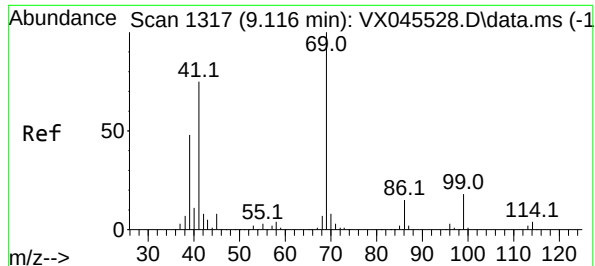
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#55
1,1,2-Trichloroethane
Concen: 0.957 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

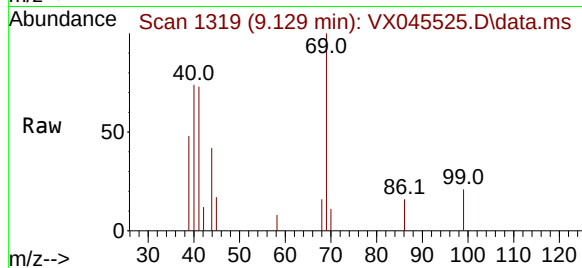
Tgt Ion: 97 Resp: 1183
Ion Ratio Lower Upper
97 100
83 53.9 71.8 107.8#
85 48.5 47.0 70.6
99 51.7 48.6 73.0





#56
Ethyl methacrylate
Concen: 0.745 ug/l m
RT: 9.129 min Scan# 1317
Delta R.T. 0.013 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

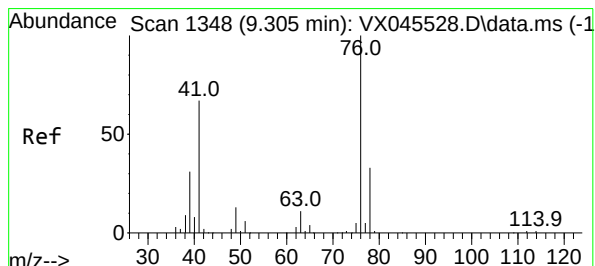
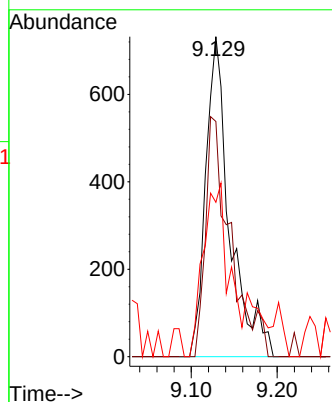
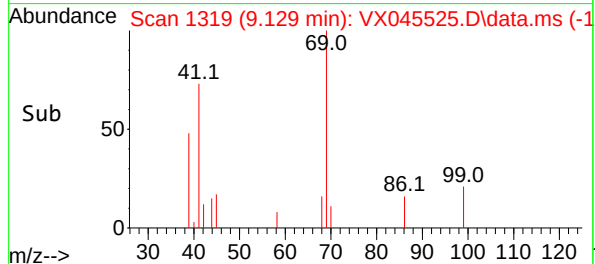
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 1425
Ion Ratio Lower Upper
69 100
41 77.3 61.3 91.9
39 56.9 40.2 60.2

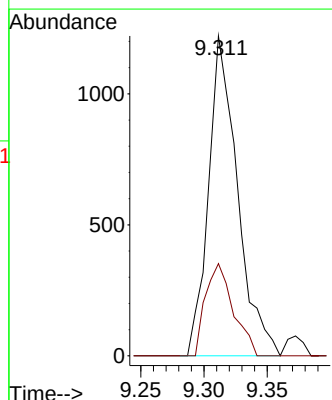
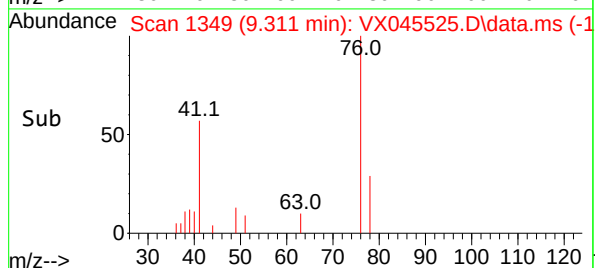
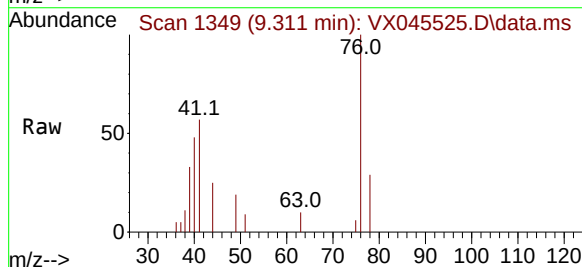
Manual Integrations
APPROVED

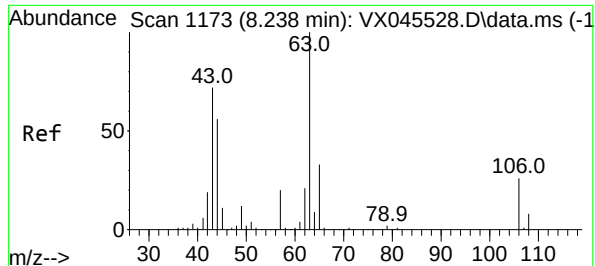
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#57
1,3-Dichloropropane
Concen: 0.904 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 76 Resp: 1946
Ion Ratio Lower Upper
76 100
78 27.5 26.0 39.0





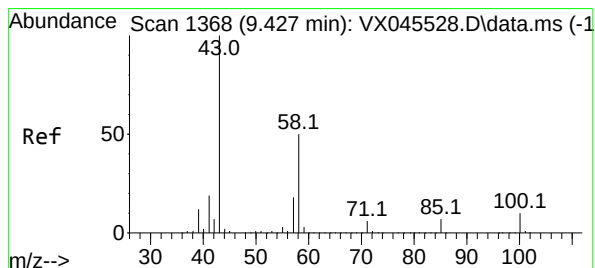
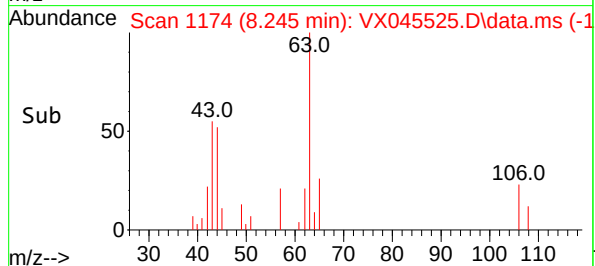
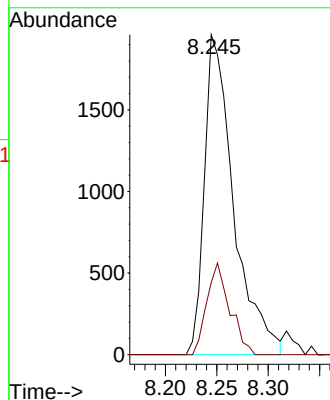
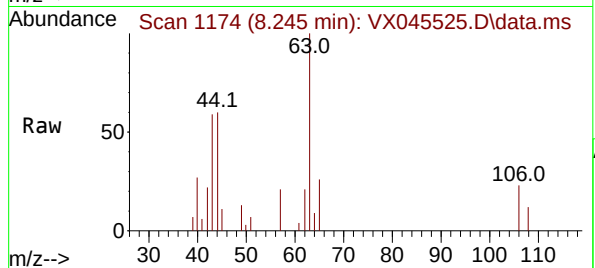
#58
2-Chloroethyl Vinyl ether
Concen: 4.008 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 3880
Ion Ratio Lower Upper
63 100
106 22.6 21.0 31.6

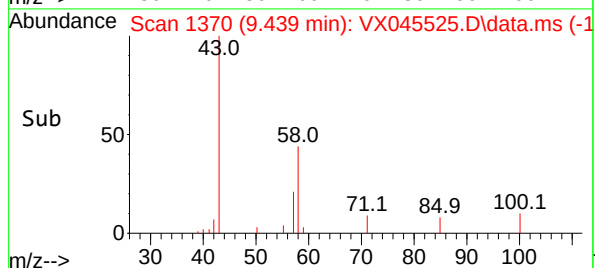
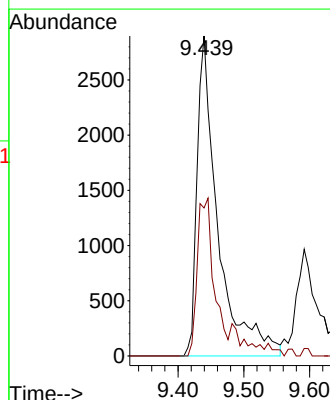
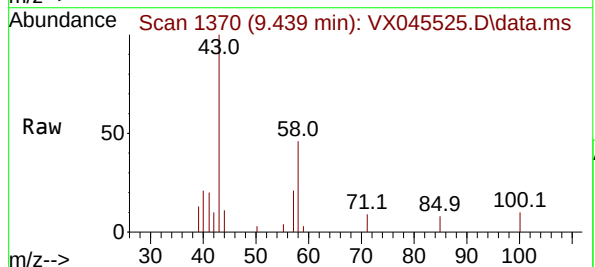
Manual Integrations
APPROVED

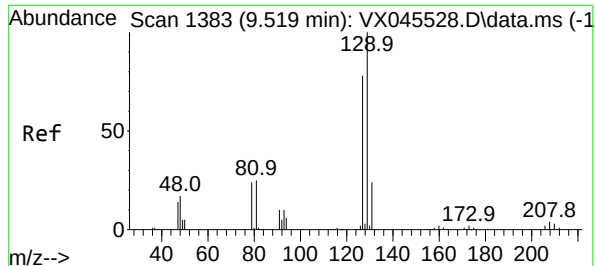
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#59
2-Hexanone
Concen: 4.040 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 6360
Ion Ratio Lower Upper
43 100
58 39.5 24.9 74.6





#60

Dibromochloromethane

Concen: 0.814 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:129 Resp: 109

Ion Ratio Lower Upper

129 100

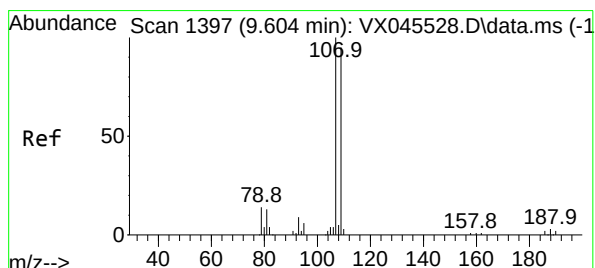
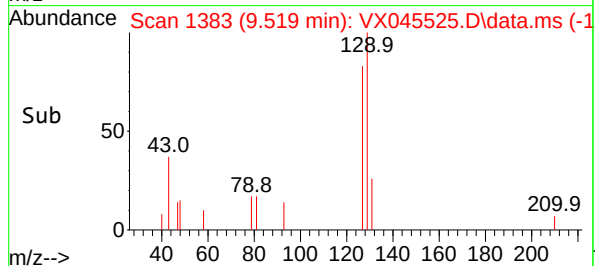
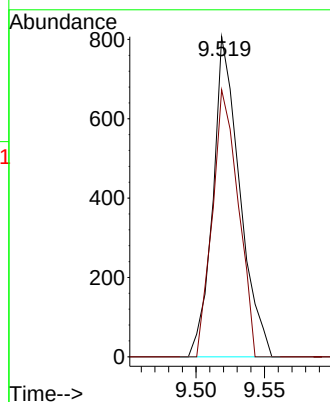
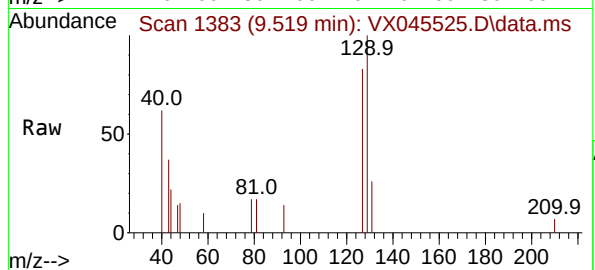
127 80.0 39.4 118.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#61

1,2-Dibromoethane

Concen: 0.825 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX045525.D

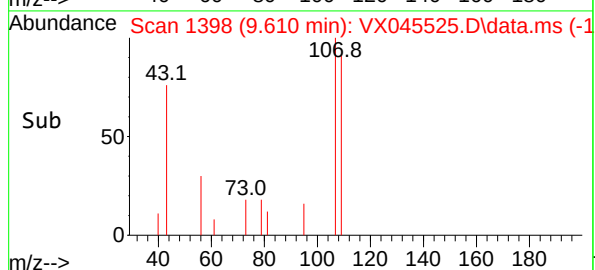
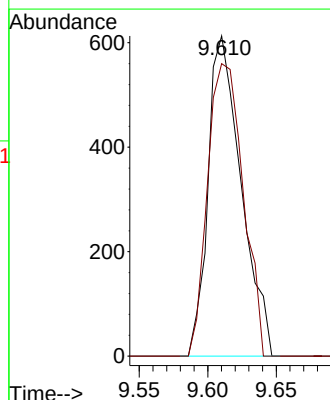
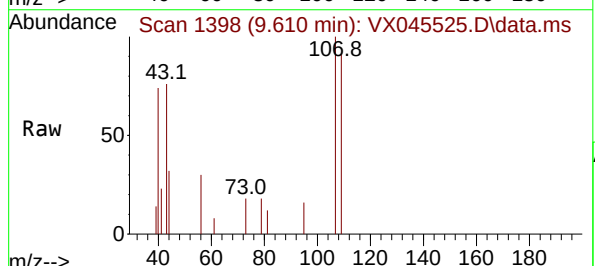
Acq: 01 Apr 2025 17:06

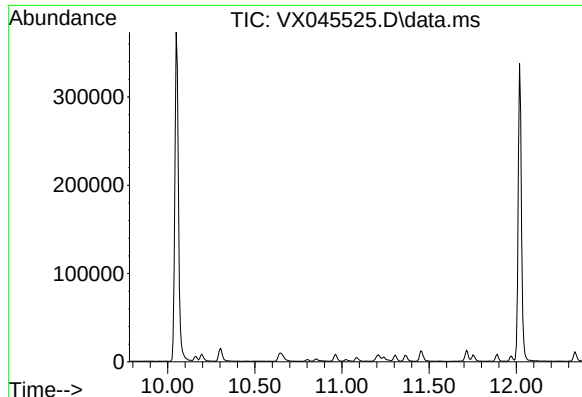
Tgt Ion:107 Resp: 1032

Ion Ratio Lower Upper

107 100

109 98.1 75.7 113.5





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.08 min

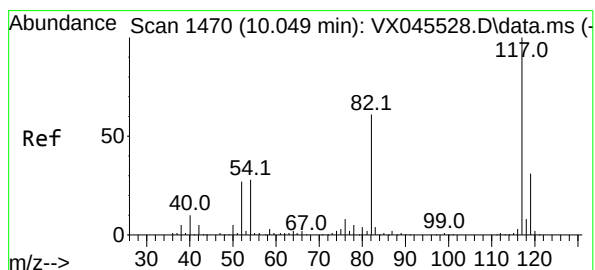
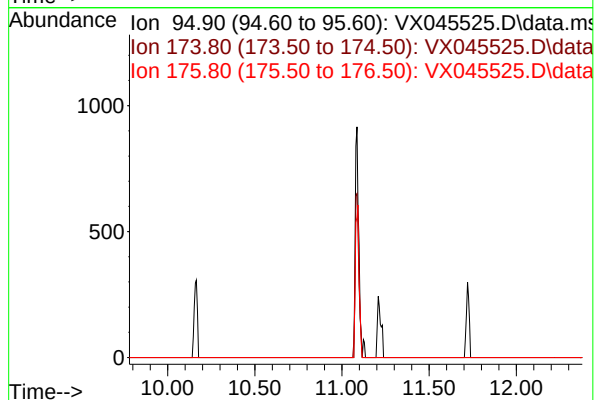
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 95
Sig Exp Ratio
95 100
174 67.9
176 65.7

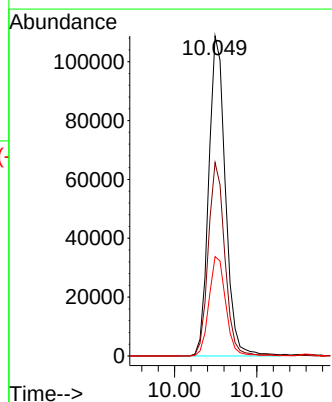
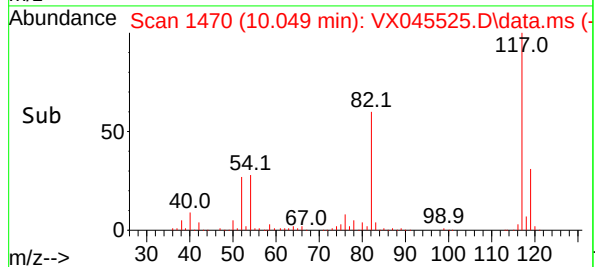
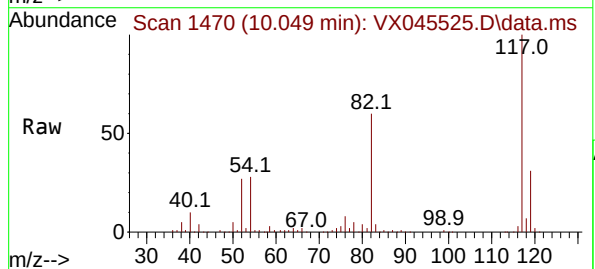
Manual Integrations
APPROVED

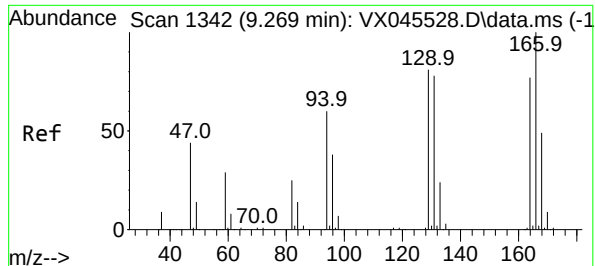
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

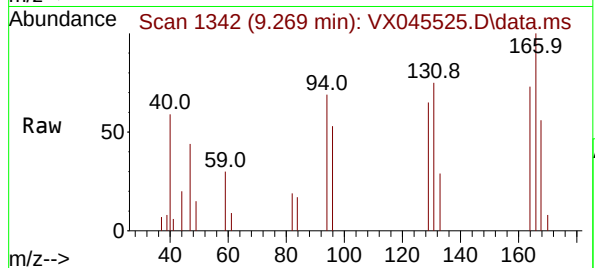
Tgt Ion:117 Resp: 153312
Ion Ratio Lower Upper
117 100
82 60.5 49.2 73.8
119 31.0 25.1 37.7





#64
Tetrachloroethene
Concen: 0.981 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

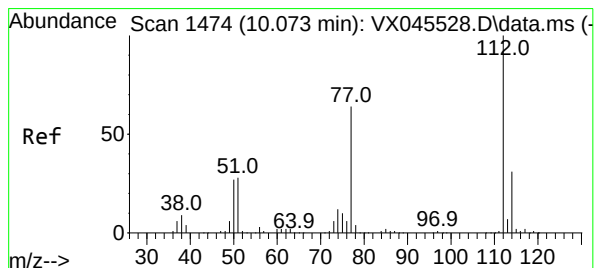
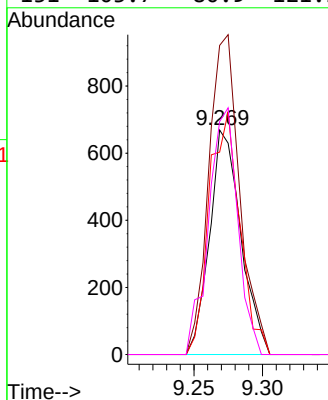
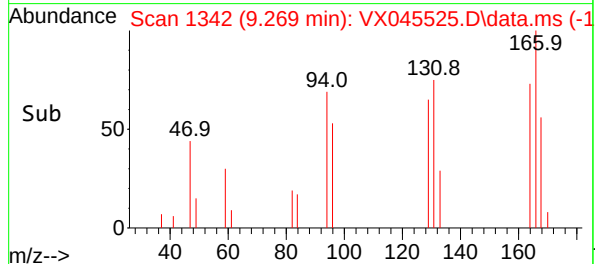
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



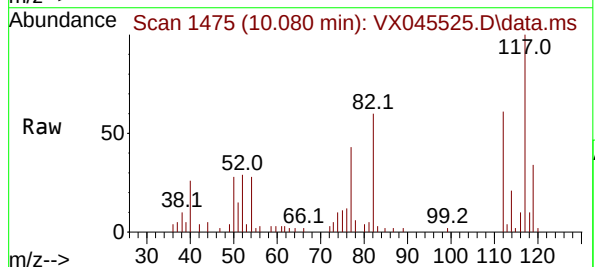
Tgt Ion:164 Resp: 1062
Ion Ratio Lower Upper
164 100
166 137.7 103.8 155.8
129 90.1 84.3 126.5
131 103.7 80.9 121.3

Manual Integrations
APPROVED

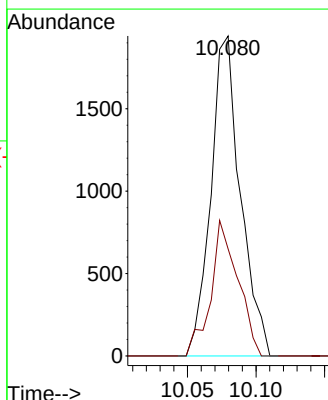
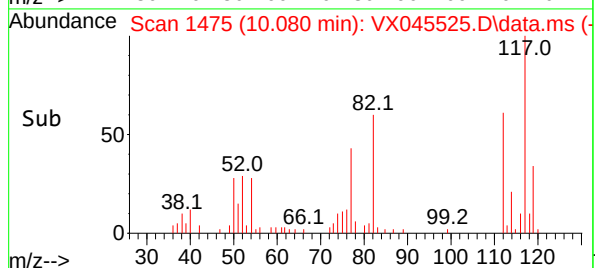
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

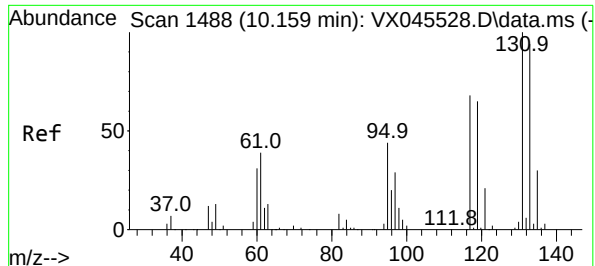


#65
Chlorobenzene
Concen: 0.890 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



Tgt Ion:112 Resp: 2916
Ion Ratio Lower Upper
112 100
114 33.5 24.7 37.1





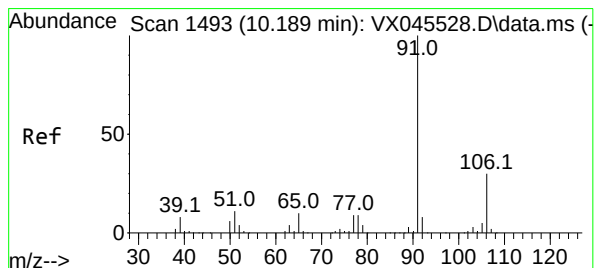
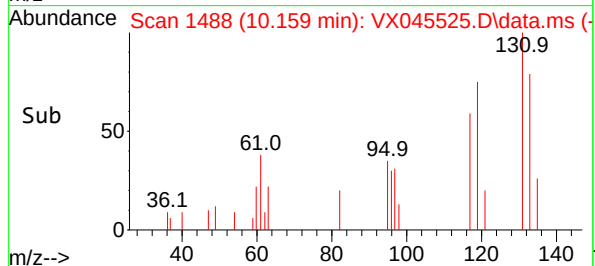
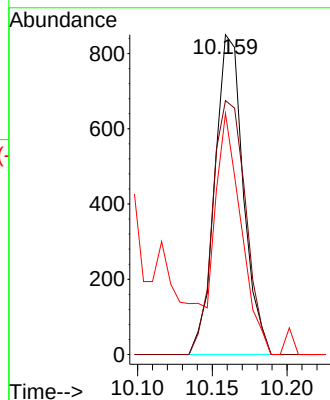
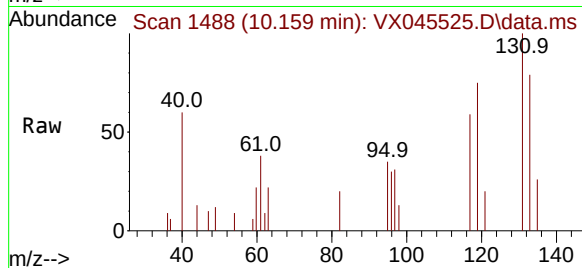
#66
1,1,1,2-Tetrachloroethane
Concen: 0.992 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:131 Resp: 1128
Ion Ratio Lower Upper
131 100
133 91.6 47.5 142.5
119 0.0 32.9 98.6

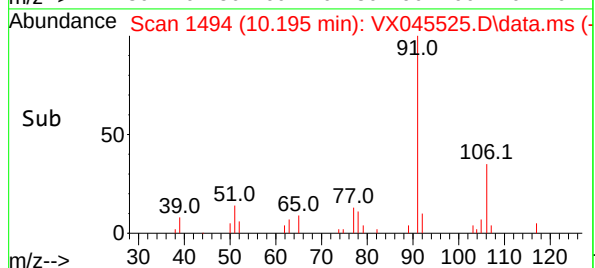
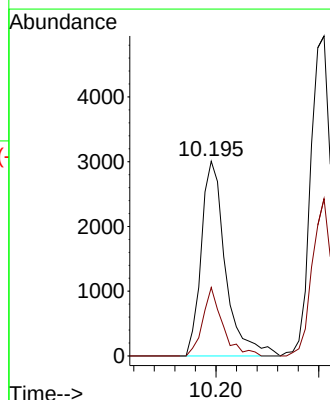
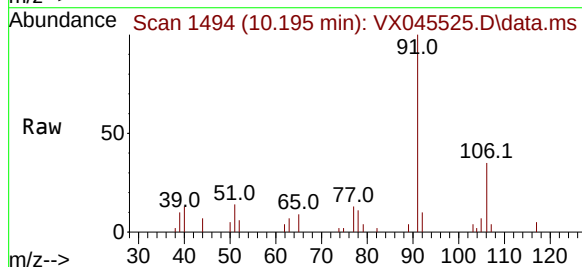
Manual Integrations
APPROVED

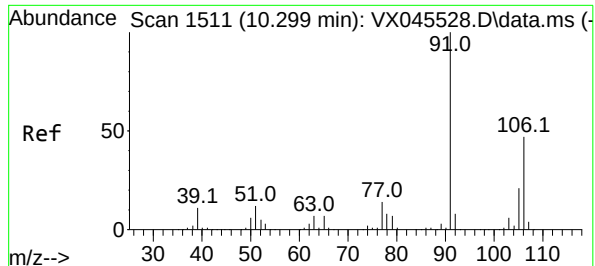
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#67
Ethyl Benzene
Concen: 0.840 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 91 Resp: 4930
Ion Ratio Lower Upper
91 100
106 35.2 23.7 35.5





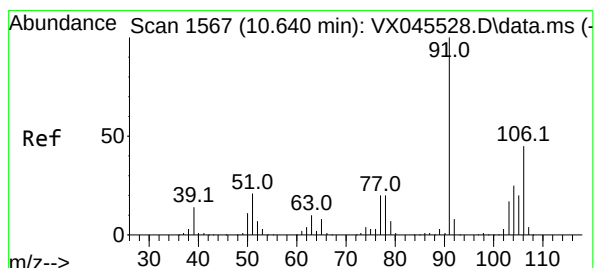
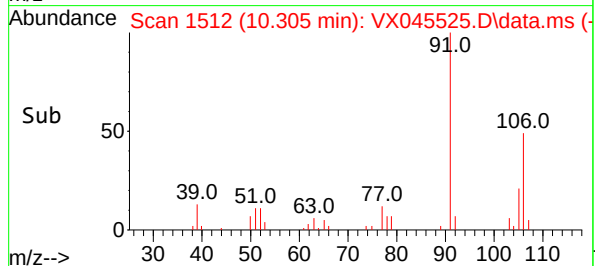
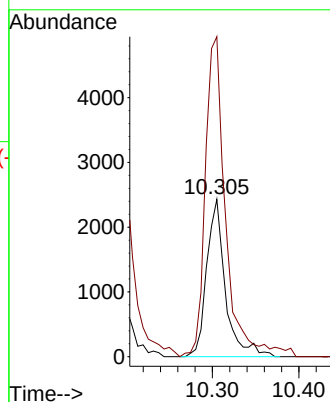
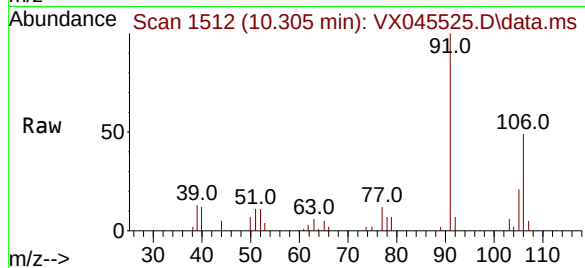
#68
m/p-Xylenes
Concen: 1.708 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 364
Ion Ratio Lower Upper
106 100
91 221.2 172.6 258.8

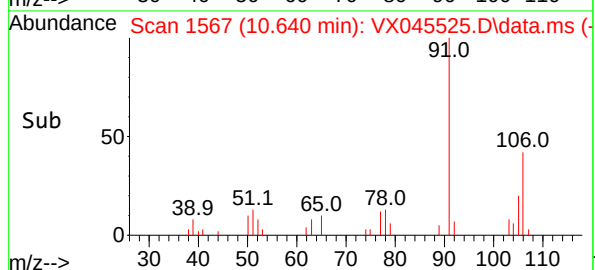
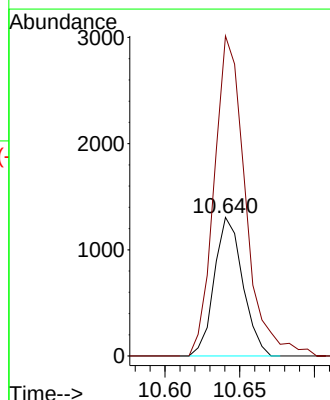
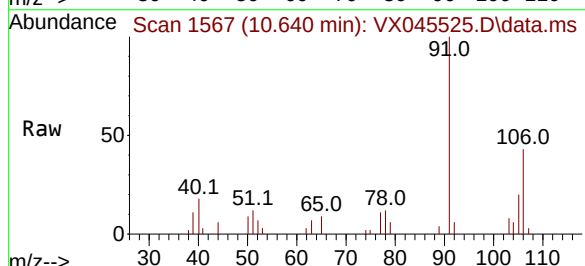
Manual Integrations
APPROVED

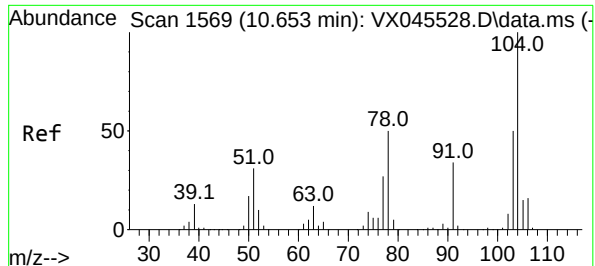
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#69
o-Xylene
Concen: 0.820 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:106 Resp: 1724
Ion Ratio Lower Upper
106 100
91 254.4 113.6 340.6





#70

Styrene

Concen: 0.793 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

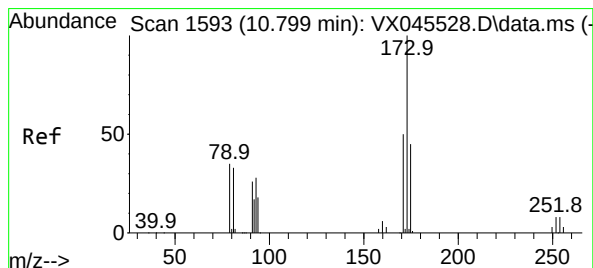
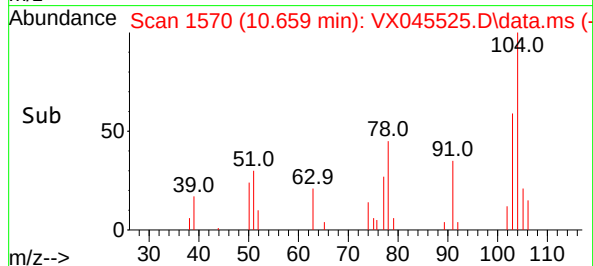
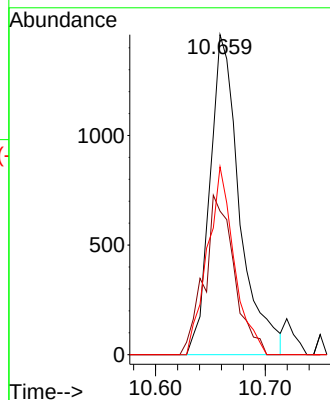
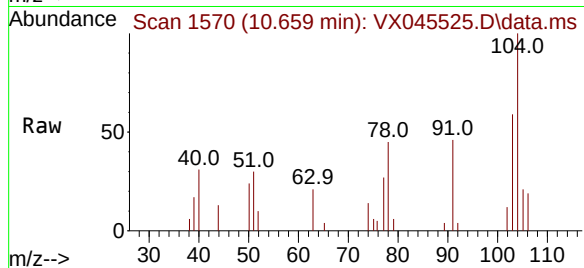
Tgt Ion	104	Resp	2750
Ion Ratio	Lower	Upper	
104	100		
78	50.1	45.4	68.2
103	53.2	43.8	65.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#71

Bromoform

Concen: 0.795 ug/l

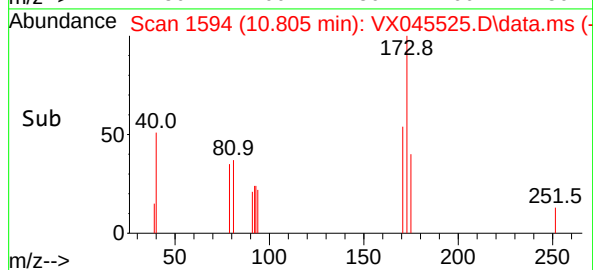
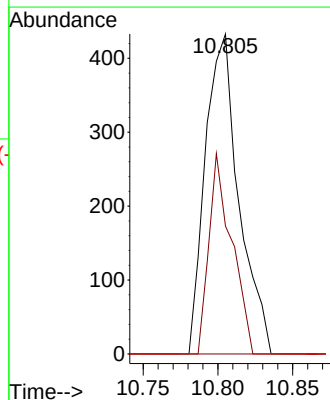
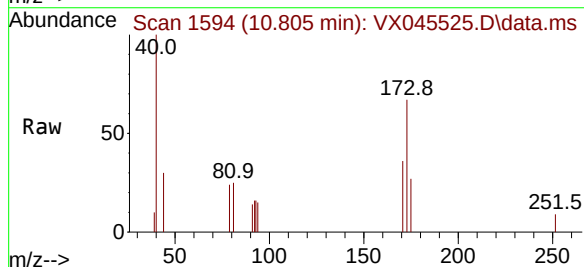
RT: 10.805 min Scan# 1594

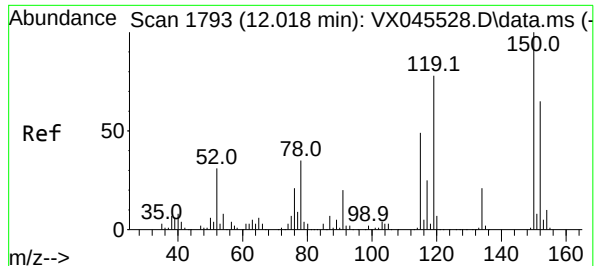
Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

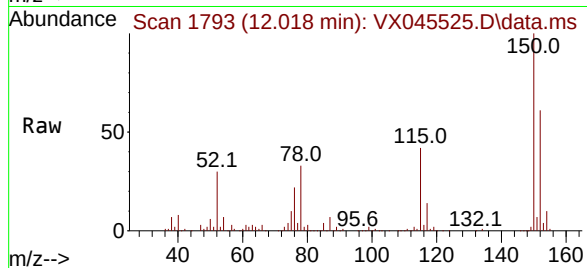
Tgt Ion	173	Resp	675
Ion Ratio	Lower	Upper	
173	100		
175	42.7	23.4	70.2
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

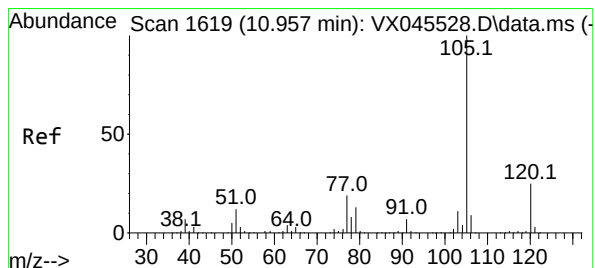
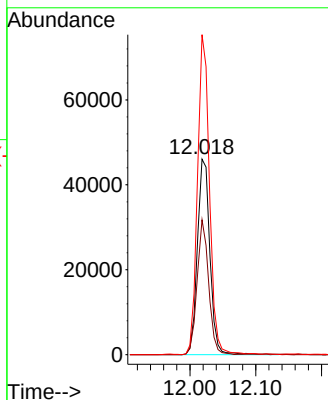
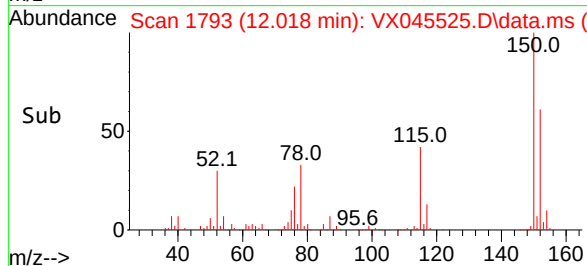
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



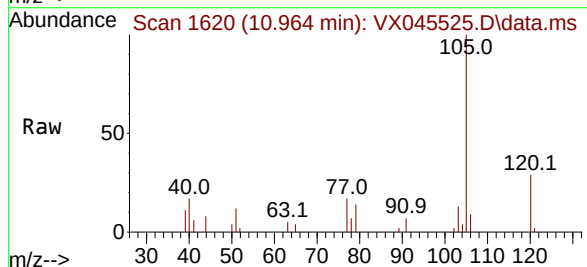
Tgt Ion:152 Resp: 61114
Ion Ratio Lower Upper
152 100
115 63.5 46.9 140.7
150 155.9 0.0 349.4

Manual Integrations
APPROVED

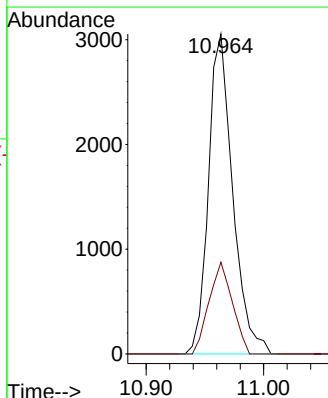
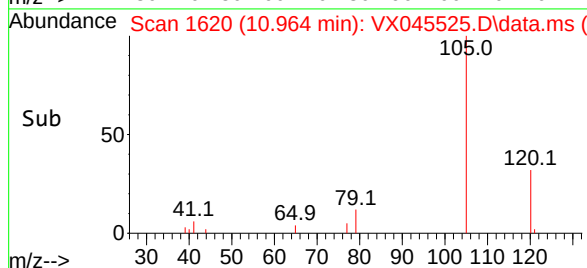
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

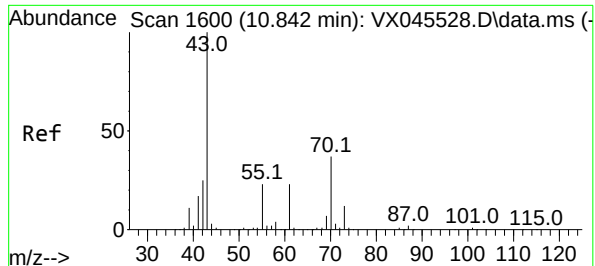


#73
Isopropylbenzene
Concen: 0.894 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06



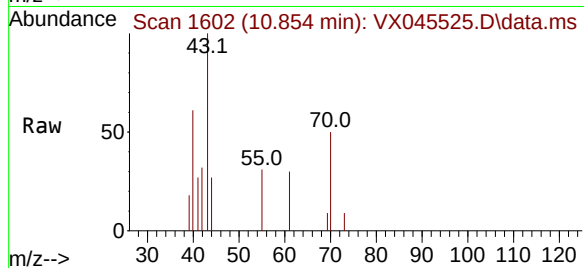
Tgt Ion:105 Resp: 4377
Ion Ratio Lower Upper
105 100
120 27.6 12.7 38.0





#74
N-amy1 acetate
Concen: 0.752 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

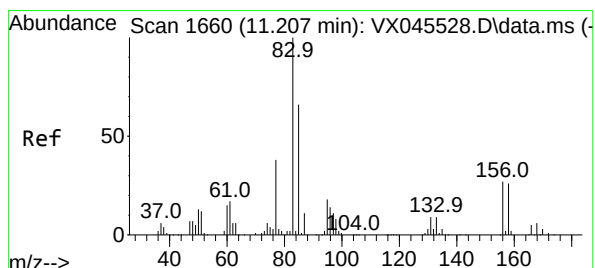
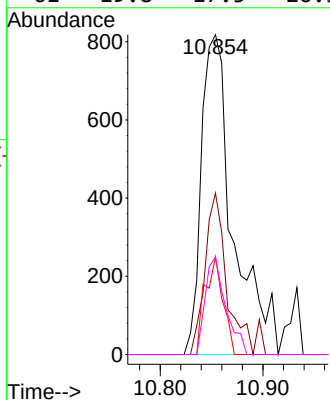
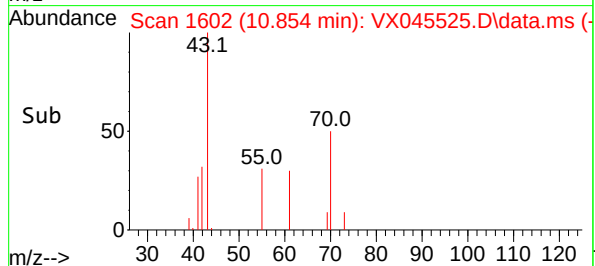
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 1762
Ion Ratio Lower Upper
43 100
70 34.4 30.1 45.1
55 17.3 18.3 27.5
61 19.8 17.5 26.3

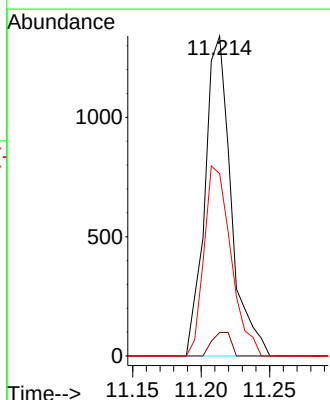
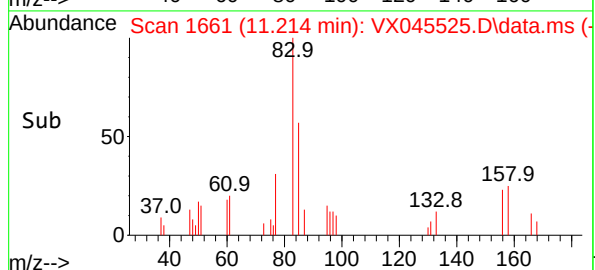
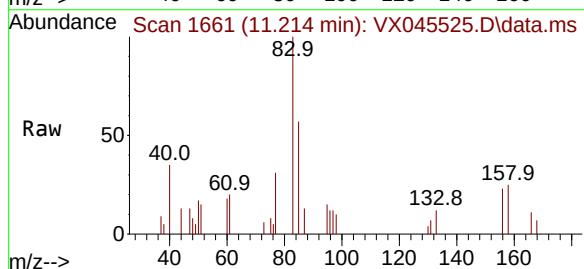
Manual Integrations
APPROVED

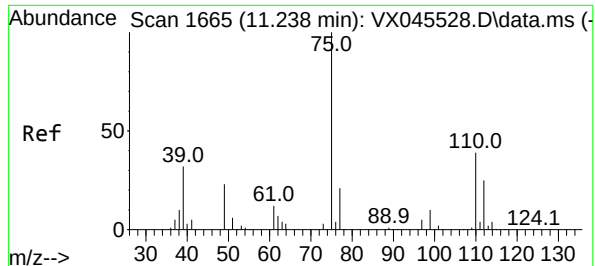
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 1.036 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 83 Resp: 1781
Ion Ratio Lower Upper
83 100
131 5.3 4.7 14.1
85 61.1 32.4 97.2





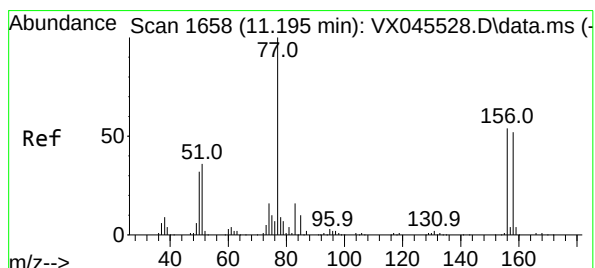
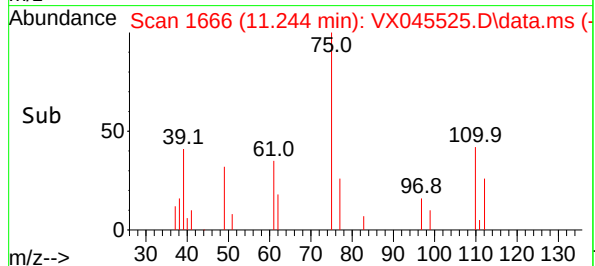
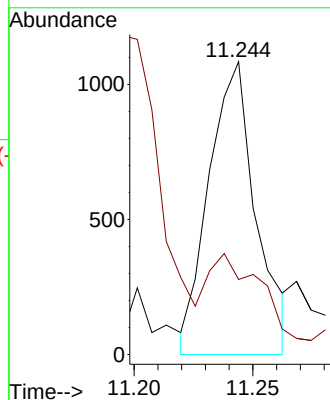
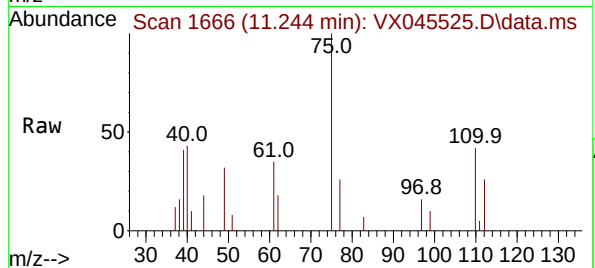
#76
1,2,3-Trichloropropane
Concen: 1.002 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 149
Ion Ratio Lower Upper
75 100
77 42.1 20.0 59.9

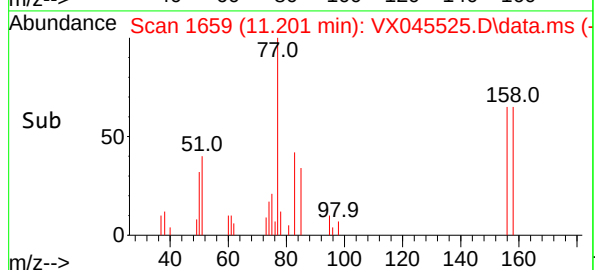
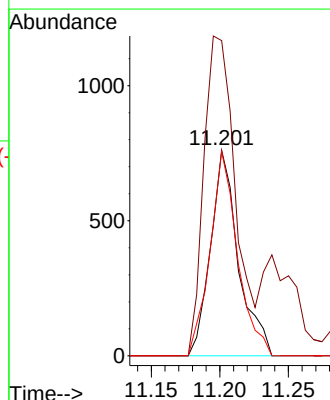
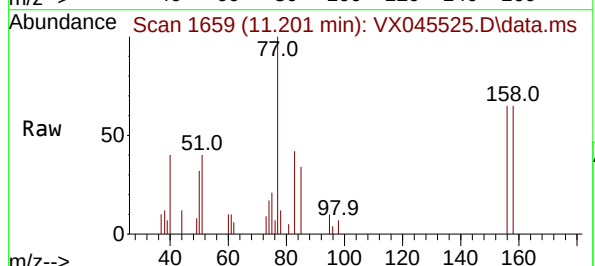
Manual Integrations
APPROVED

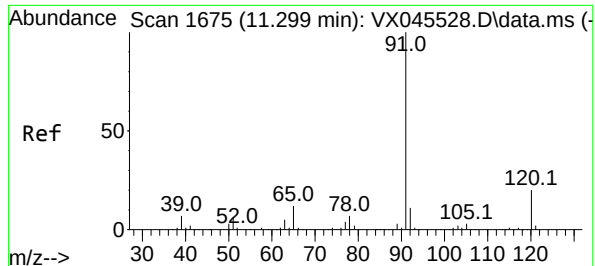
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#77
Bromobenzene
Concen: 0.948 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:156 Resp: 1072
Ion Ratio Lower Upper
156 100
77 176.5 92.6 277.8
158 98.4 48.1 144.4





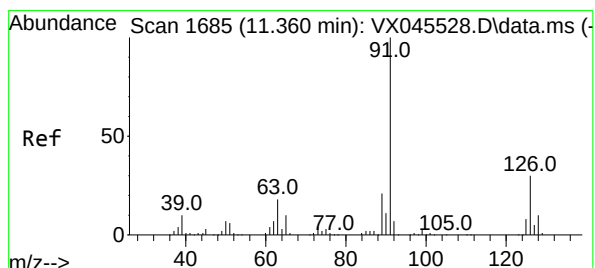
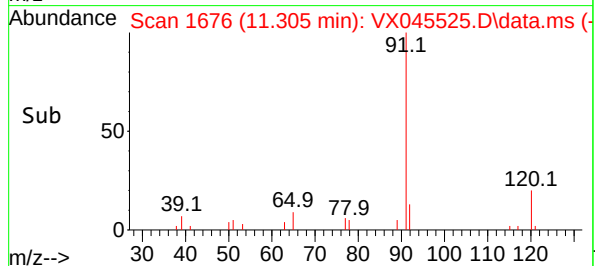
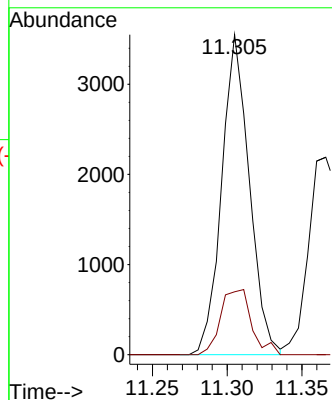
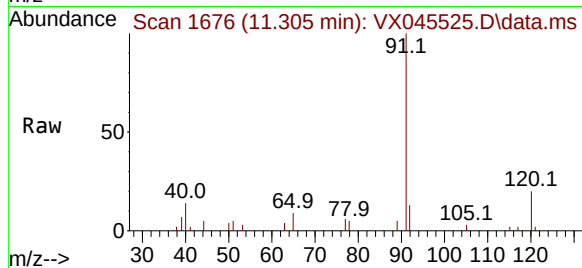
#78
n-propylbenzene
Concen: 0.809 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 4564
Ion Ratio Lower Upper
91 100
120 22.8 10.8 32.3

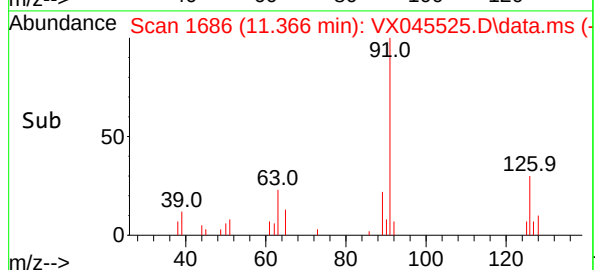
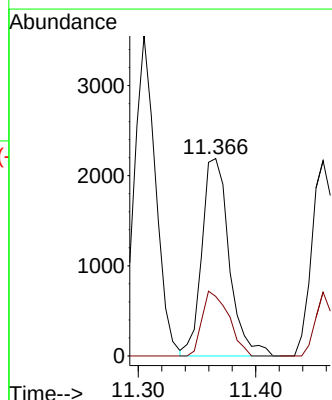
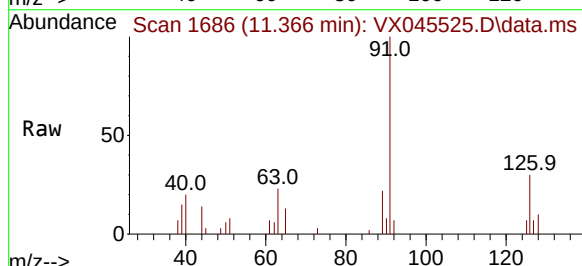
Manual Integrations
APPROVED

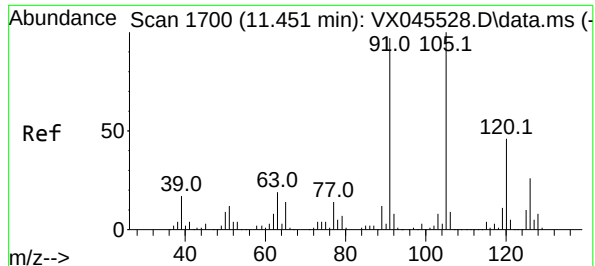
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#79
2-Chlorotoluene
Concen: 0.981 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 91 Resp: 3537
Ion Ratio Lower Upper
91 100
126 31.8 15.8 47.4





#80

1,3,5-Trimethylbenzene

Concen: 0.885 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 3582

Ion Ratio Lower Upper

105 100

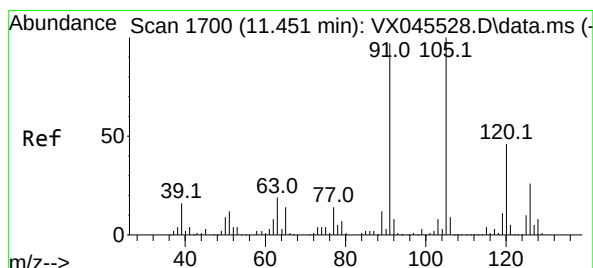
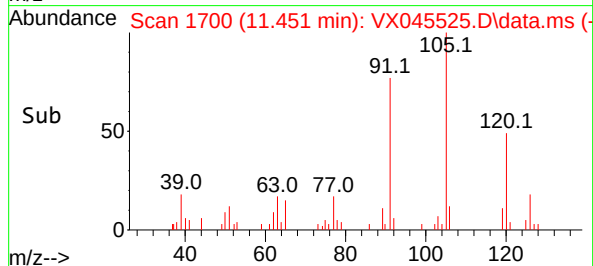
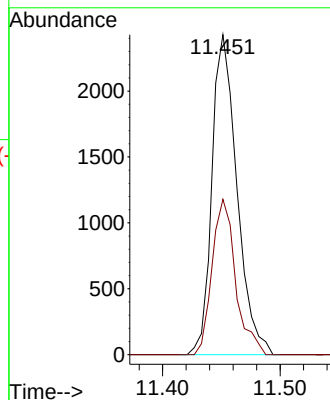
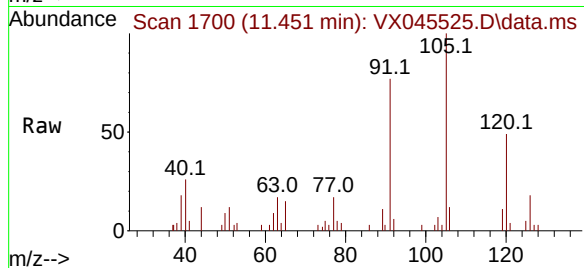
120 45.8 23.0 69.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#82

4-Chlorotoluene

Concen: 0.900 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX045525.D

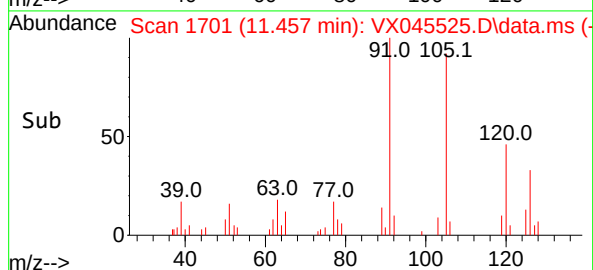
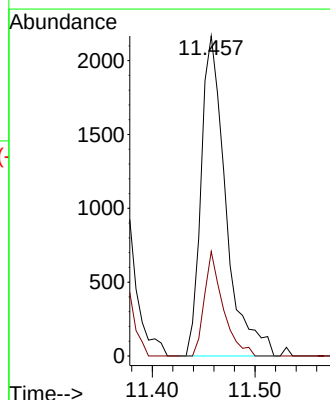
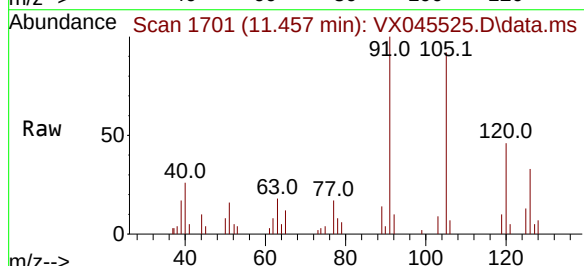
Acq: 01 Apr 2025 17:06

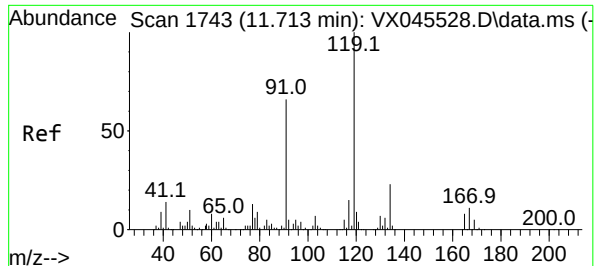
Tgt Ion: 91 Resp: 3619

Ion Ratio Lower Upper

91 100

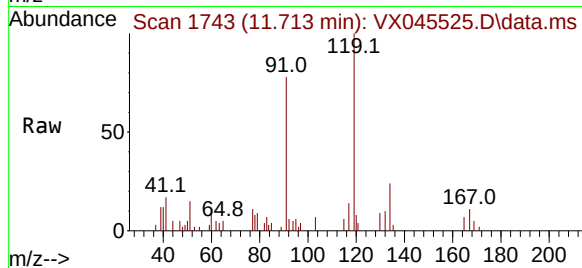
126 24.7 13.3 39.9





#83
tert-Butylbenzene
Concen: 0.883 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

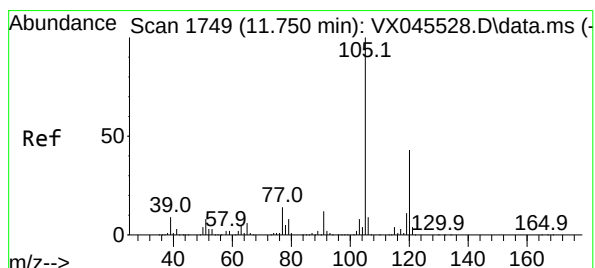
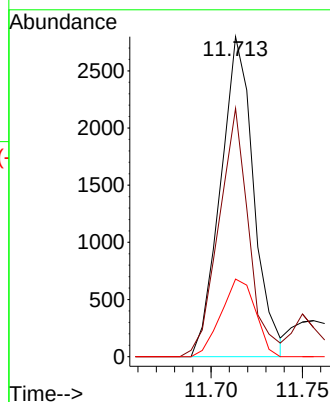
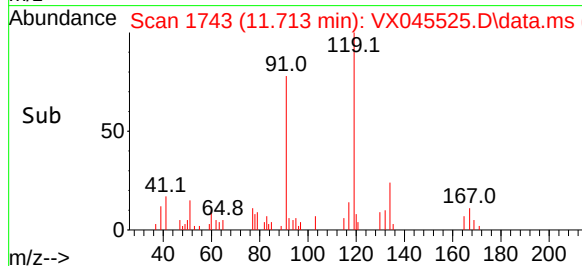
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:119 Resp: 353
Ion Ratio Lower Upper
119 100
91 70.3 32.4 97.2
134 25.2 11.5 34.5

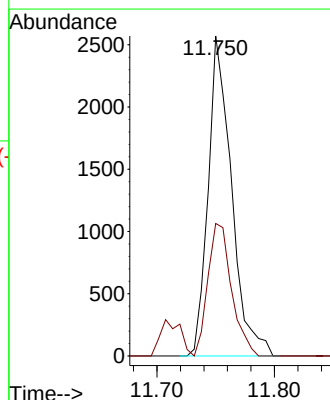
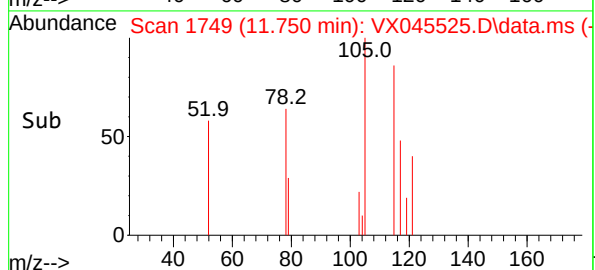
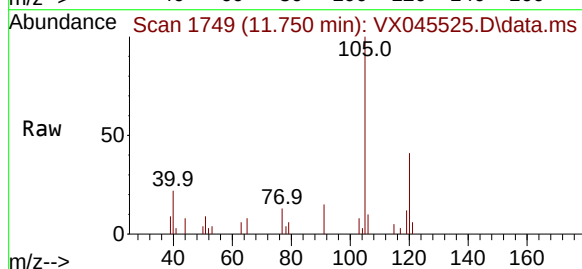
Manual Integrations
APPROVED

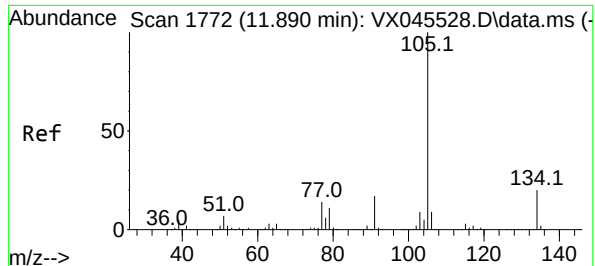
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 0.874 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

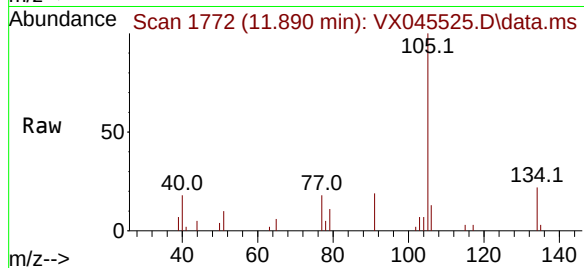
Tgt Ion:105 Resp: 3552
Ion Ratio Lower Upper
105 100
120 42.0 21.4 64.3





#85
sec-Butylbenzene
Concen: 0.793 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

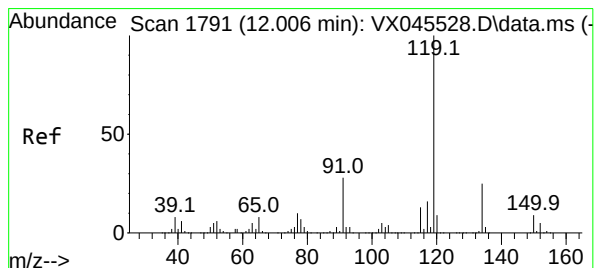
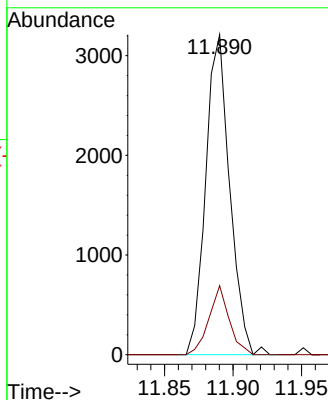
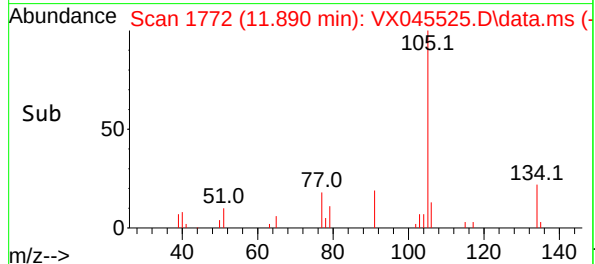
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:105 Resp: 390
Ion Ratio Lower Upper
105 100
134 18.3 9.6 28.6

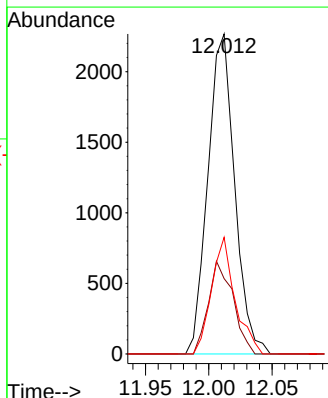
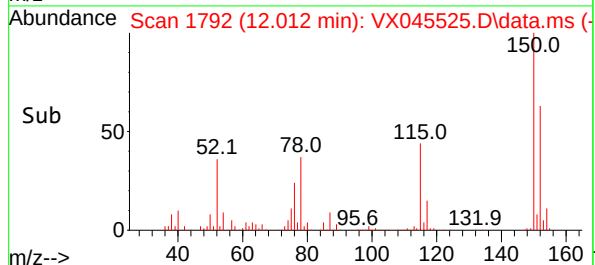
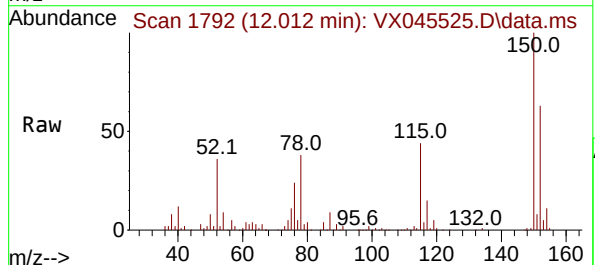
Manual Integrations
APPROVED

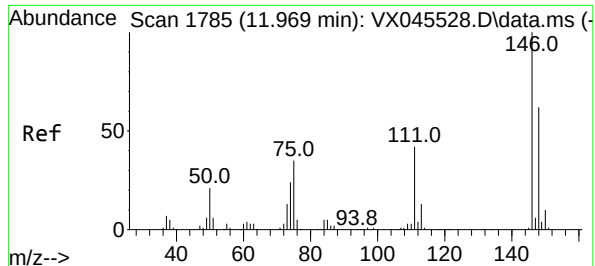
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#86
p-Isopropyltoluene
Concen: 0.824 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

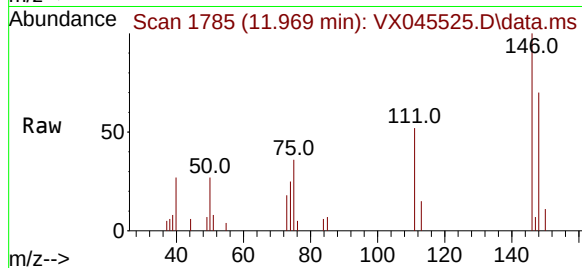
Tgt Ion:119 Resp: 3342
Ion Ratio Lower Upper
119 100
134 26.6 12.6 37.8
91 31.9 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 0.984 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

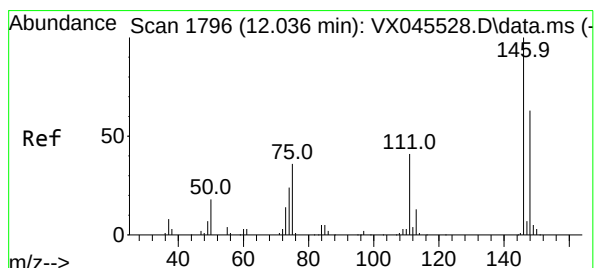
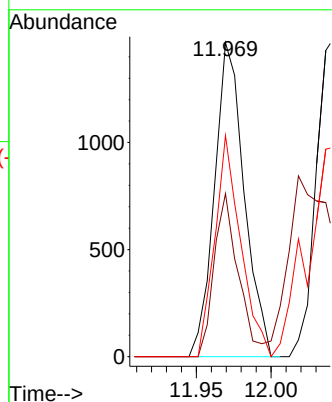
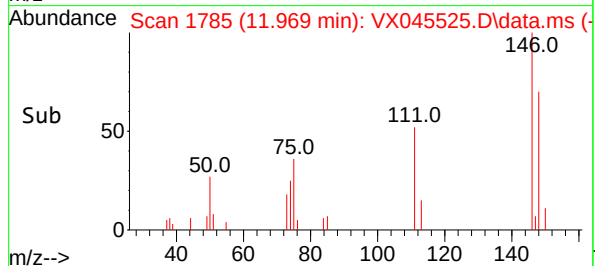
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:146 Resp: 2020
Ion Ratio Lower Upper
146 100
111 42.2 22.2 66.6
148 61.2 31.9 95.7

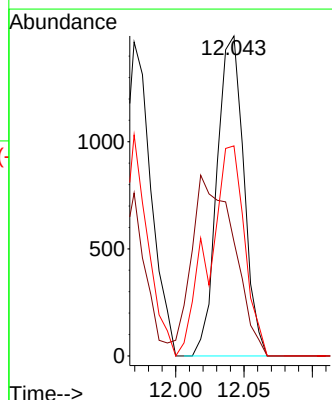
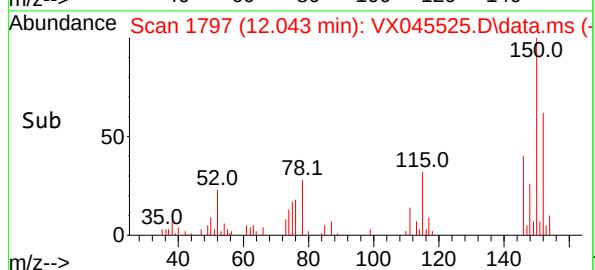
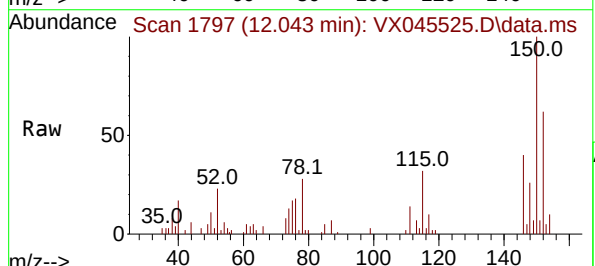
Manual Integrations
APPROVED

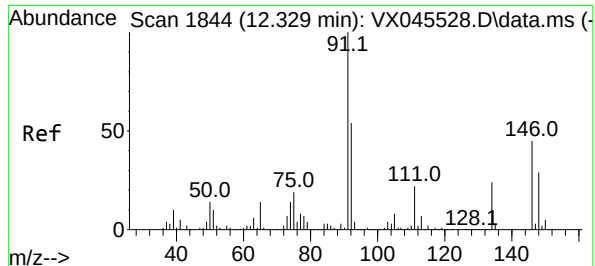
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#88
1,4-Dichlorobenzene
Concen: 0.978 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:146 Resp: 2042
Ion Ratio Lower Upper
146 100
111 41.8 20.9 62.8
148 60.7 31.5 94.5





#89

n-Butylbenzene

Concen: 0.735 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

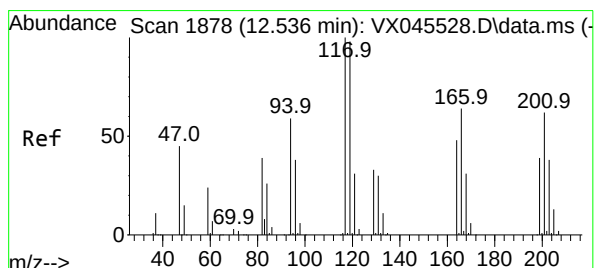
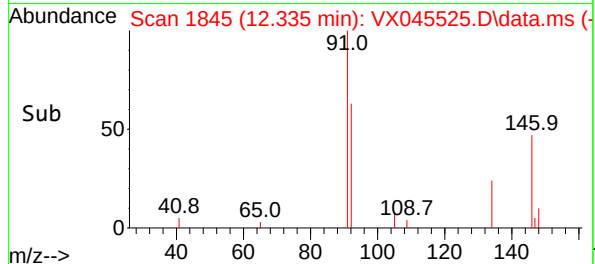
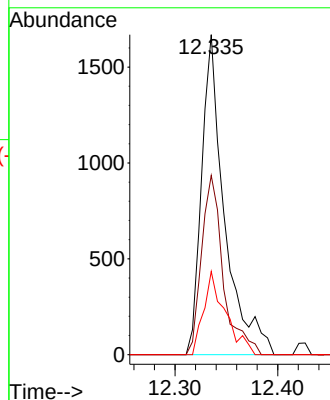
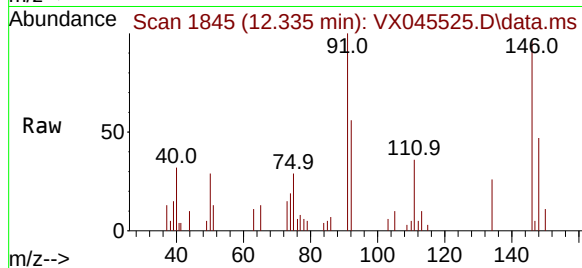
Tgt Ion:	91	Resp:	258
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.9	80.6
134	24.8	11.9	35.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#90

Hexachloroethane

Concen: 0.863 ug/l

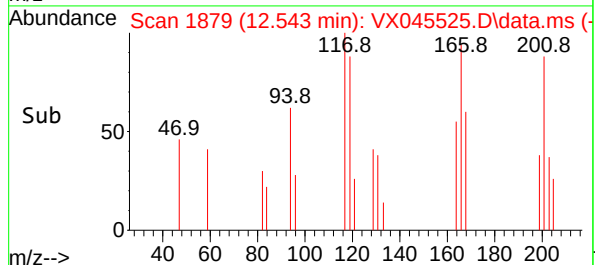
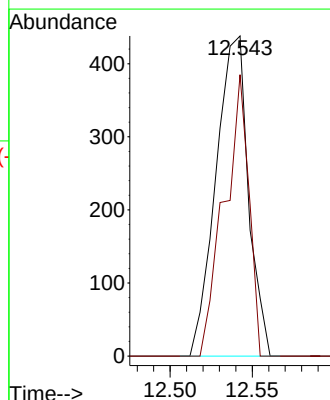
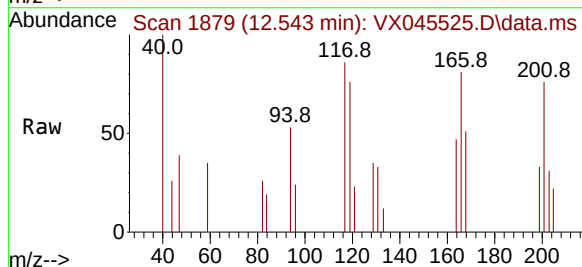
RT: 12.543 min Scan# 1879

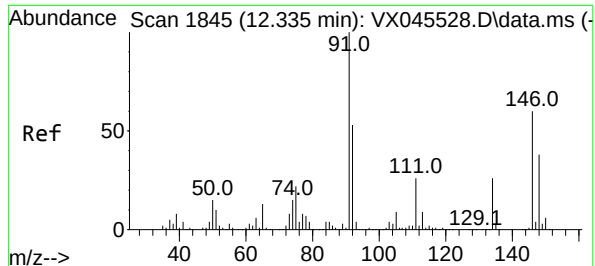
Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

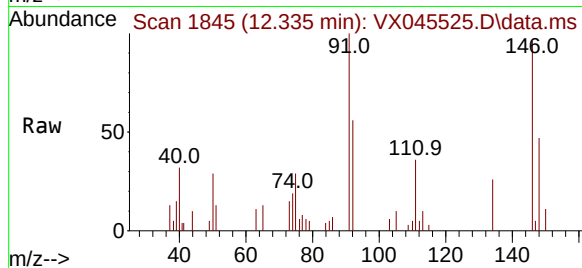
Tgt Ion:	117	Resp:	602
Ion	Ratio	Lower	Upper
117	100		
201	66.3	31.2	93.6





#91
1,2-Dichlorobenzene
Concen: 0.981 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

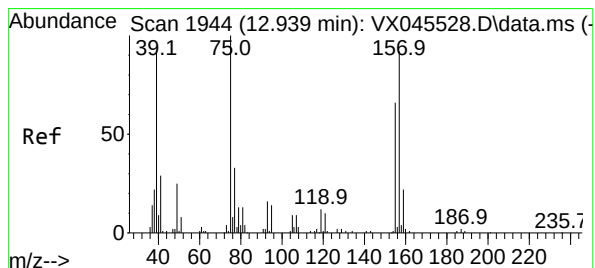
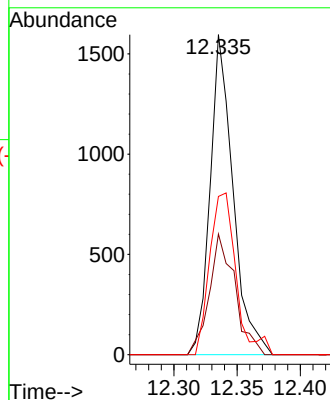
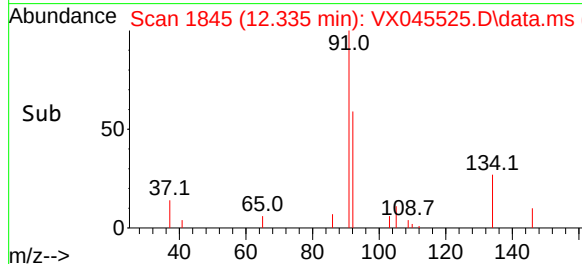
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 146 Resp: 2009
Ion Ratio Lower Upper
146 100
111 42.0 22.9 68.8
148 58.2 31.9 95.5

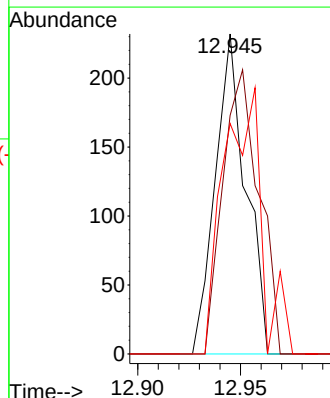
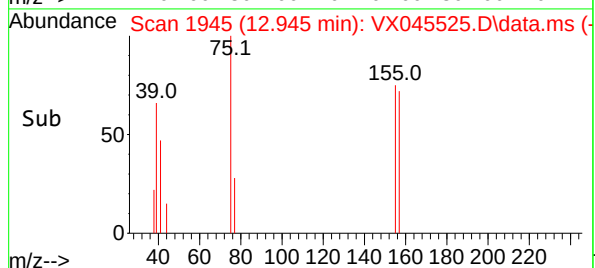
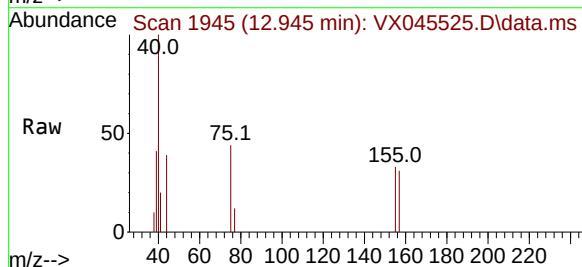
Manual Integrations
APPROVED

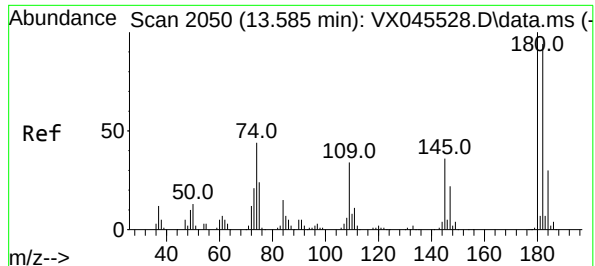
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.665 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 75 Resp: 239
Ion Ratio Lower Upper
75 100
155 105.4 34.9 104.7#
157 103.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.779 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

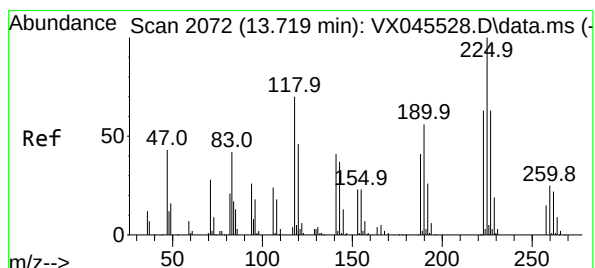
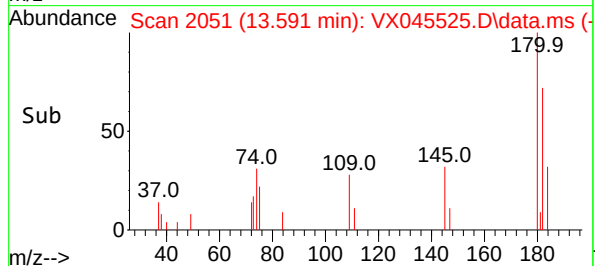
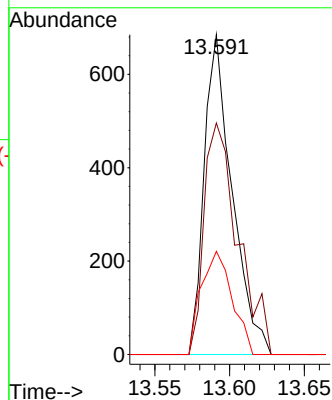
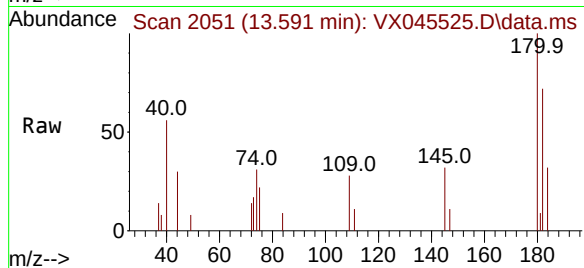
Tgt Ion:180	Resp:	88
Ion Ratio	Lower	Upper
180	100	
182	87.6	47.9 143.6
145	35.8	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#94

Hexachlorobutadiene

Concen: 0.943 ug/l

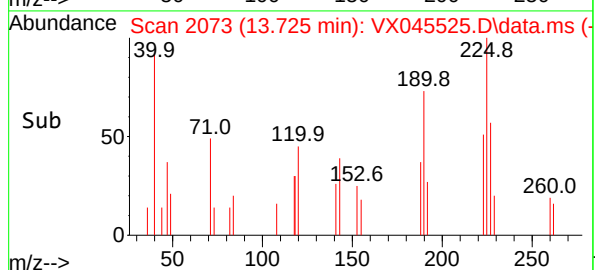
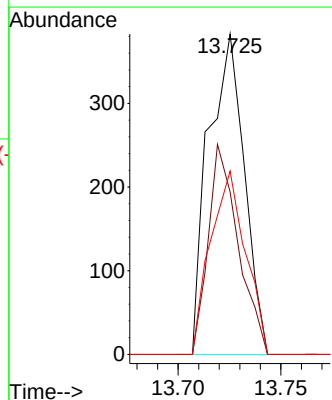
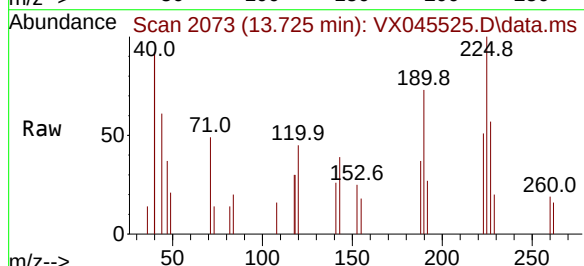
RT: 13.725 min Scan# 2073

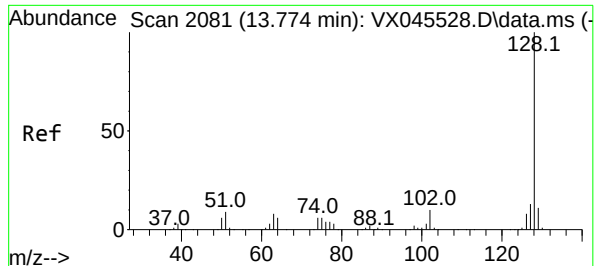
Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion:225	Resp:	463
Ion Ratio	Lower	Upper
225	100	
223	54.9	31.1 93.3
227	56.4	32.2 96.6





#95

Naphthalene

Concen: 0.733 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

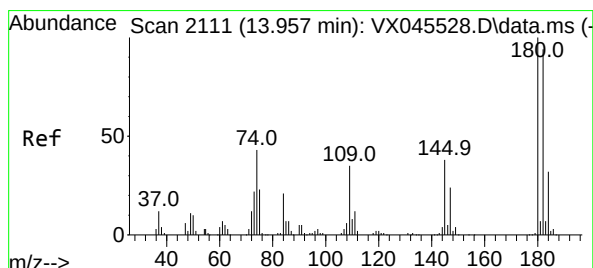
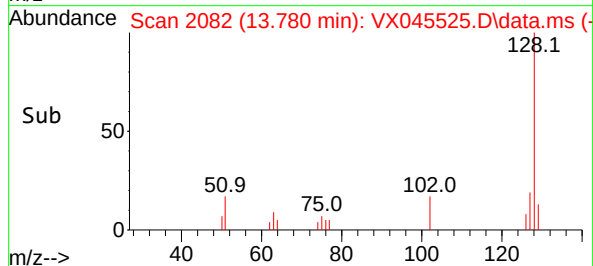
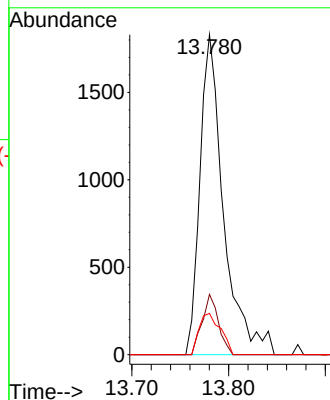
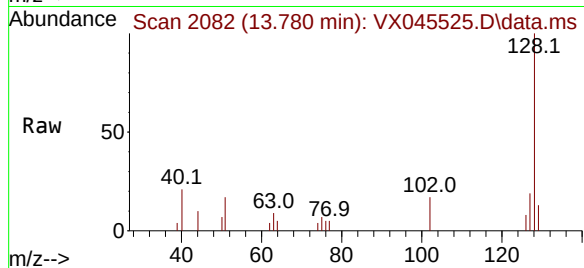
Tgt Ion	128	127	129
Ion Ratio	100	13.0	11.7
Resp	310	10.3	8.6
Lower			
Upper		15.5	12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#96

1,2,3-Trichlorobenzene

Concen: 0.801 ug/l

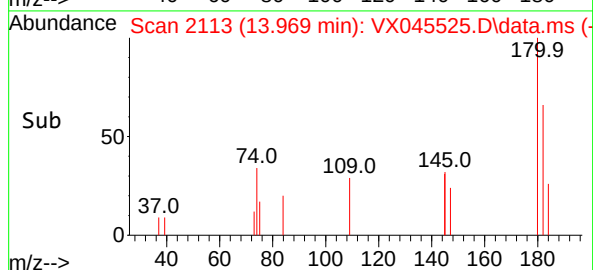
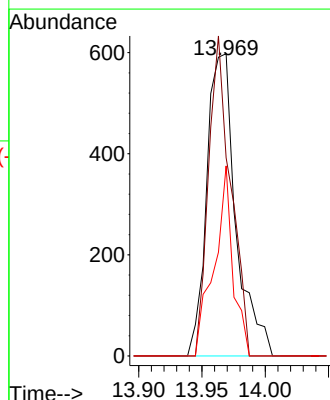
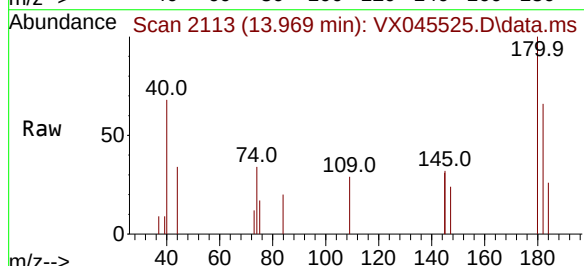
RT: 13.969 min Scan# 2113

Delta R.T. 0.012 min

Lab File: VX045525.D

Acq: 01 Apr 2025 17:06

Tgt Ion	180	182	145
Ion Ratio <td>100</td> <td>80.5</td> <td>40.4</td>	100	80.5	40.4
Resp	956	47.3	18.2
Lower			
Upper		141.8	54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045526.D
 Acq On : 01 Apr 2025 17:29
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	93234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	8969	5.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.520%#		
35) Dibromofluoromethane	5.391	113	6181	5.244	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.480%#		
50) Toluene-d8	8.647	98	20890	5.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.160%#		
62) 4-Bromofluorobenzene	11.079	95	6867	4.582	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.160%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6482	4.649	ug/l	91
3) Chloromethane	1.307	50	6846	4.779	ug/l	99
4) Vinyl Chloride	1.374	62	6169	4.706	ug/l	100
5) Bromomethane	1.593	94	3185	5.124	ug/l	90
6) Chloroethane	1.666	64	3703	5.324	ug/l	96
7) Trichlorofluoromethane	1.874	101	9316	4.766	ug/l	94
8) Diethyl Ether	2.136	74	3171	4.832	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	5589	4.879	ug/l	99
10) Methyl Iodide	2.447	142	6574	4.601	ug/l	97
11) Tert butyl alcohol	2.983	59	5186	22.633	ug/l	99
12) 1,1-Dichloroethene	2.313	96	5485	4.901	ug/l	90
13) Acrolein	2.239	56	8202	25.993	ug/l	97
14) Allyl chloride	2.654	41	9960	4.690	ug/l	95
15) Acrylonitrile	3.069	53	17811	24.624	ug/l	97
16) Acetone	2.386	43	17188	24.550	ug/l	99
17) Carbon Disulfide	2.502	76	12376	4.477	ug/l #	93
18) Methyl Acetate	2.703	43	8042	4.989	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	18314	4.677	ug/l	100
20) Methylene Chloride	2.782	84	6481	4.945	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	5534	4.840	ug/l	95
22) Diisopropyl ether	3.764	45	19765	4.725	ug/l #	82
23) Vinyl Acetate	3.721	43	78907	21.831	ug/l	98
24) 1,1-Dichloroethane	3.605	63	11562	4.887	ug/l	98
25) 2-Butanone	4.574	43	25026	24.419	ug/l	99
26) 2,2-Dichloropropane	4.477	77	7054	4.615	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	6485	4.655	ug/l	95
28) Bromochloromethane	4.898	49	5666	4.956	ug/l	95
29) Tetrahydrofuran	5.013	42	15913	23.950	ug/l	100
30) Chloroform	5.087	83	12200	5.012	ug/l	99
31) Cyclohexane	5.465	56	9731	4.653	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	9811	4.763	ug/l	99
36) 1,1-Dichloropropene	5.690	75	7354	4.621	ug/l	98
37) Ethyl Acetate	4.721	43	9384	4.679	ug/l #	91
38) Carbon Tetrachloride	5.666	117	8264	4.804	ug/l	99
39) Methylcyclohexane	7.379	83	8757	4.489	ug/l	95
40) Benzene	6.038	78	23522	4.839	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045526.D
 Acq On : 01 Apr 2025 17:29
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	4593	4.302	ug/l	92
42) 1,2-Dichloroethane	6.092	62	9713	4.838	ug/l	100
43) Isopropyl Acetate	6.348	43	13803	4.541	ug/l	97
44) Trichloroethene	7.129	130	5355	4.635	ug/l	99
45) 1,2-Dichloropropane	7.434	63	6060	4.997	ug/l	99
46) Dibromomethane	7.580	93	4767	5.120	ug/l	99
47) Bromodichloromethane	7.818	83	8619	4.636	ug/l #	97
48) Methyl methacrylate	7.696	41	6908	4.401	ug/l	98
49) 1,4-Dioxane	7.665	88	3205	112.864	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	48050	23.844	ug/l	97
52) Toluene	8.714	92	14391	4.893	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	6643	5.834	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	7873	4.506	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	5741	4.898	ug/l	90
56) Ethyl methacrylate	9.116	69	8012	4.417	ug/l	95
57) 1,3-Dichloropropane	9.305	76	10208	5.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	21382	23.302	ug/l	99
59) 2-Hexanone	9.433	43	35628	23.875	ug/l	99
60) Dibromochloromethane	9.519	129	5855	4.582	ug/l	99
61) 1,2-Dibromoethane	9.610	107	5837	4.920	ug/l	98
64) Tetrachloroethene	9.275	164	5373	5.287	ug/l	93
65) Chlorobenzene	10.073	112	15178	4.935	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	4945	4.631	ug/l	97
67) Ethyl Benzene	10.195	91	26180	4.753	ug/l	97
68) m/p-Xylenes	10.299	106	19268	9.617	ug/l	99
69) o-Xylene	10.640	106	9735	4.932	ug/l	99
70) Styrene	10.653	104	15017	4.610	ug/l	96
71) Bromoform	10.799	173	3634	4.558	ug/l #	95
73) Isopropylbenzene	10.964	105	24604	4.806	ug/l	100
74) N-amyl acetate	10.848	43	10750	4.390	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	9127	5.075	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	8032m	5.152	ug/l	
77) Bromobenzene	11.195	156	5927	5.011	ug/l	97
78) n-propylbenzene	11.305	91	27777	4.711	ug/l	98
79) 2-Chlorotoluene	11.360	91	18358	4.870	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	19936	4.710	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	1752	3.814	ug/l	85
82) 4-Chlorotoluene	11.457	91	20171	4.799	ug/l	99
83) tert-Butylbenzene	11.713	119	19962	4.763	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	19998	4.707	ug/l	99
85) sec-Butylbenzene	11.890	105	24465	4.753	ug/l	100
86) p-Isopropyltoluene	12.006	119	20178	4.755	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	10255	4.763	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	11016	5.047	ug/l	93
89) n-Butylbenzene	12.329	91	15887	4.317	ug/l	98
90) Hexachloroethane	12.536	117	3151	4.320	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	10510	4.910	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1661	4.417	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	5391	4.524	ug/l	95
94) Hexachlorobutadiene	13.719	225	2483	4.836	ug/l	98
95) Naphthalene	13.774	128	19618	4.424	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	5854	4.692	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

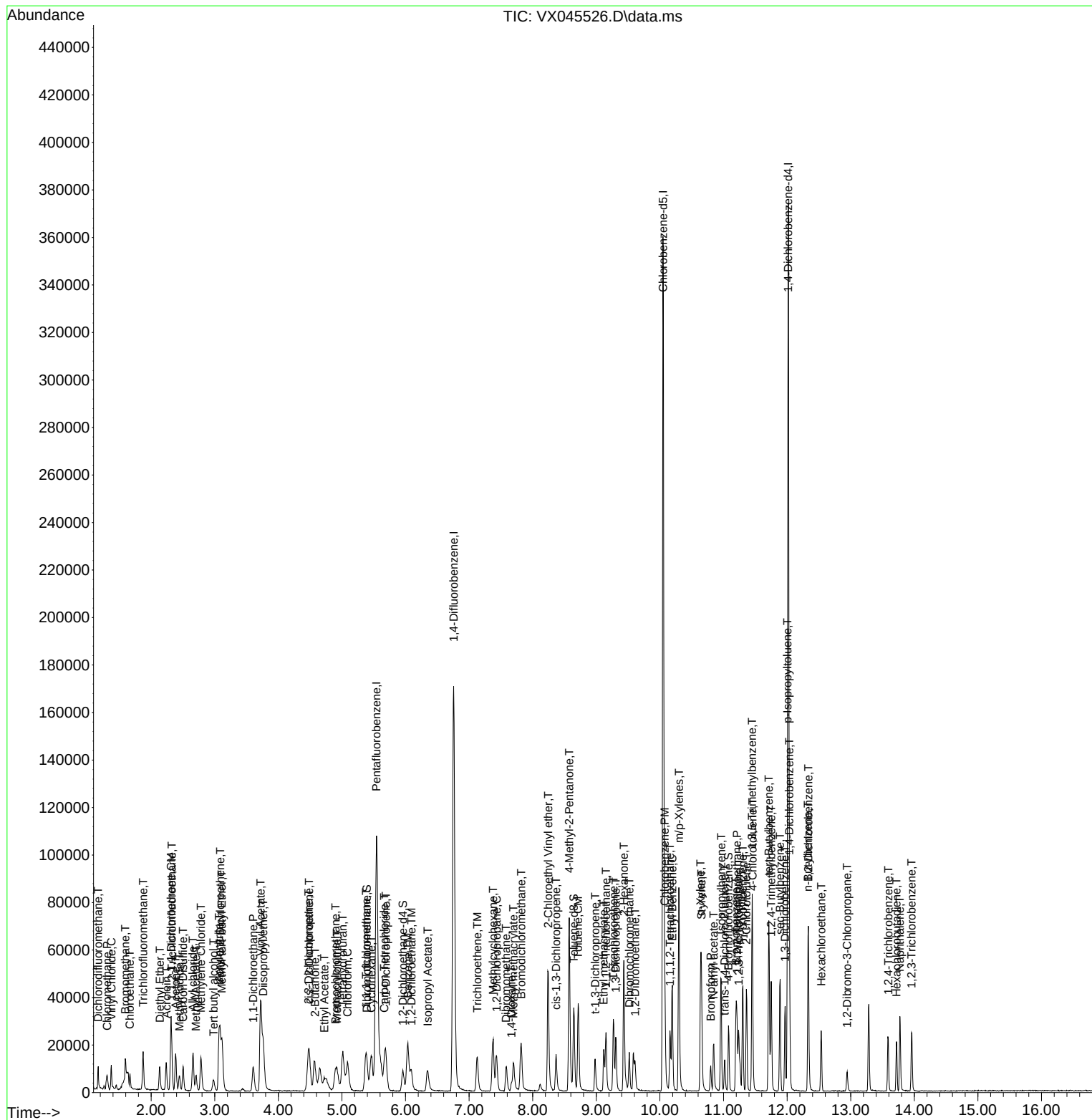
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

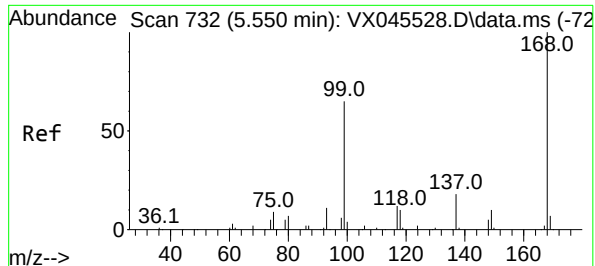
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration





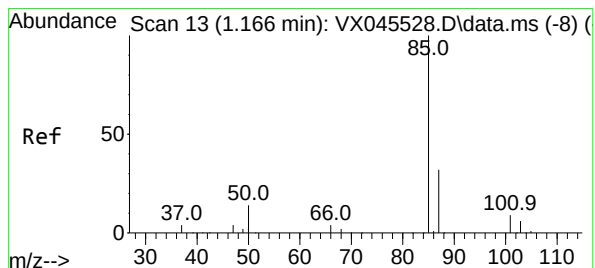
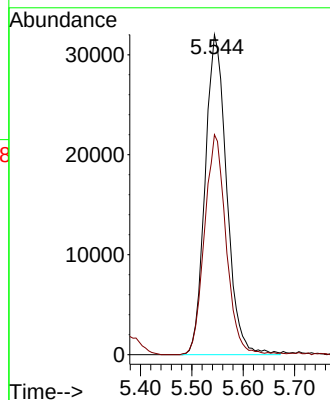
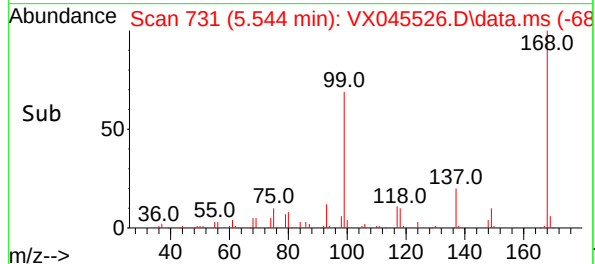
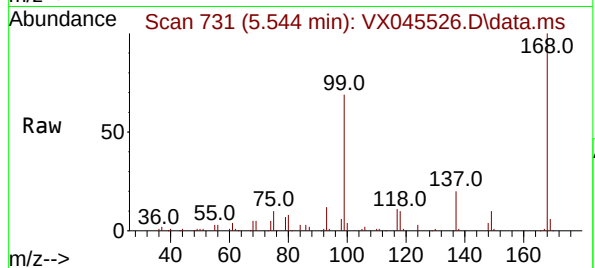
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 93234
Ion Ratio Lower Upper
168 100
99 68.8 52.3 78.5

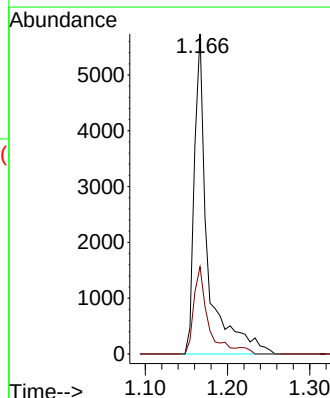
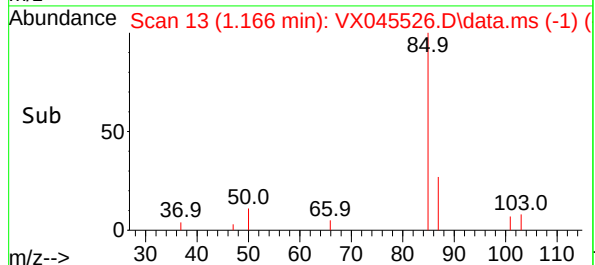
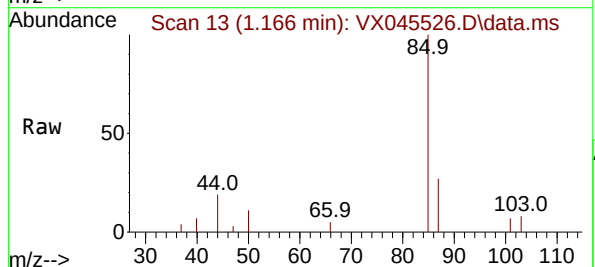
Manual Integrations
APPROVED

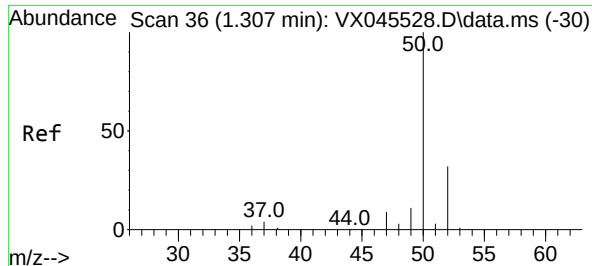
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 4.649 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 85 Resp: 6482
Ion Ratio Lower Upper
85 100
87 27.3 16.1 48.2





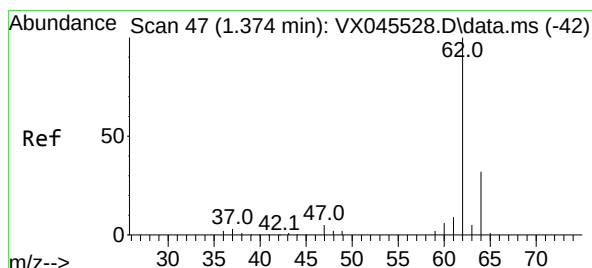
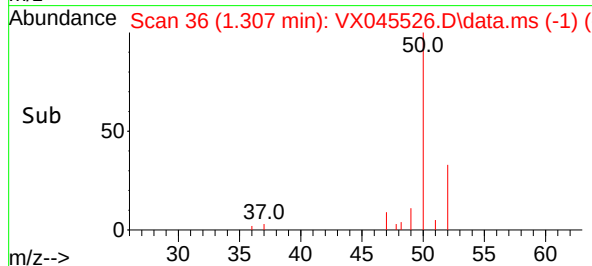
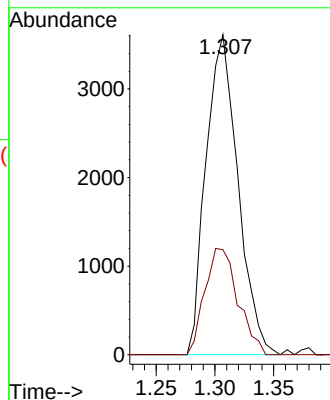
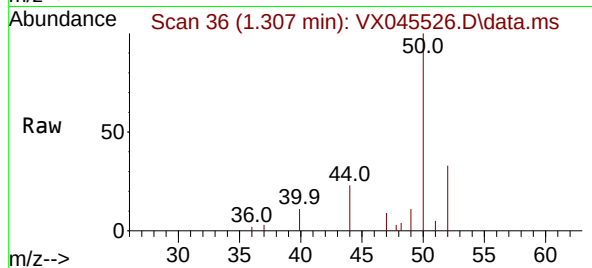
#3
Chloromethane
Concen: 4.779 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 6840
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9

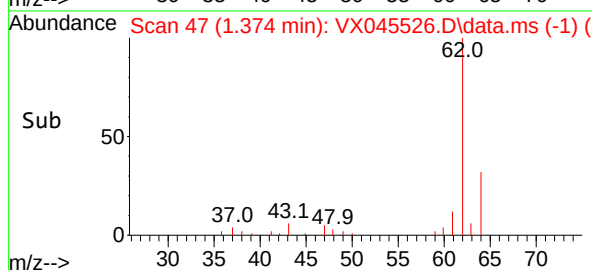
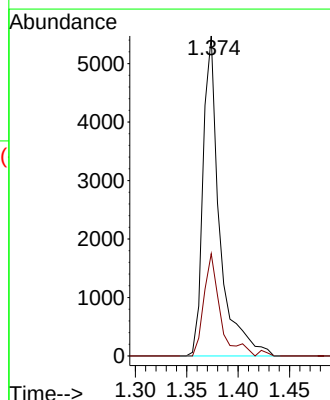
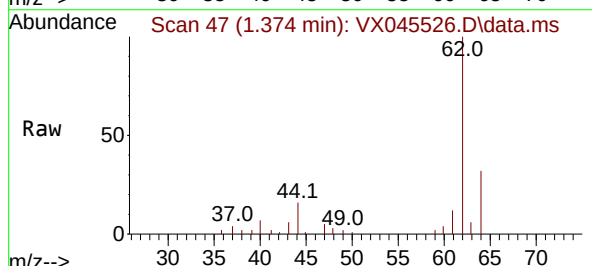
Manual Integrations
APPROVED

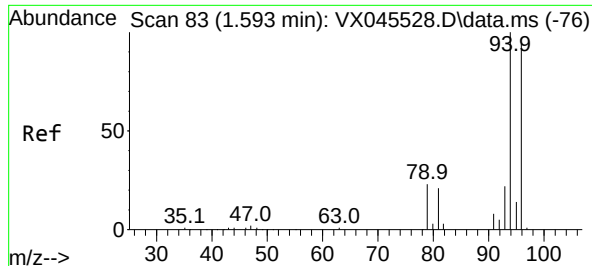
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 4.706 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 62 Resp: 6169
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





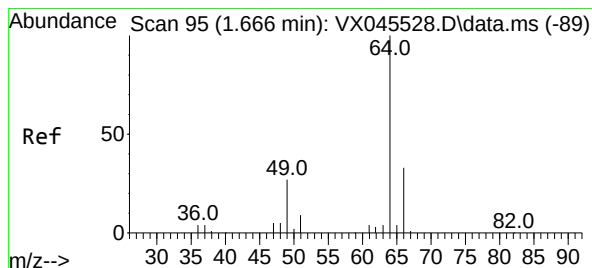
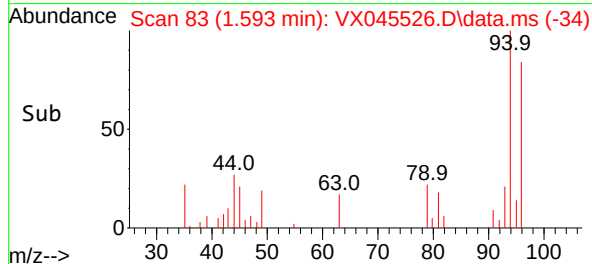
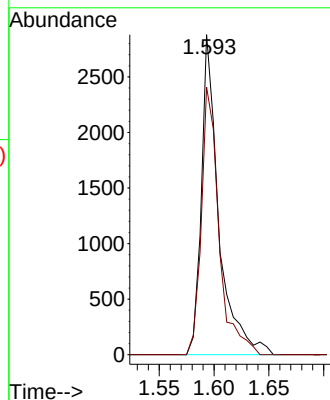
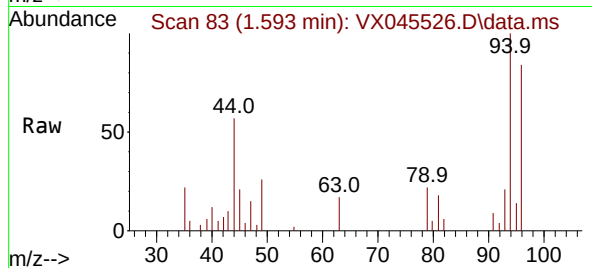
#5
Bromomethane
Concen: 5.124 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 3185
Ion Ratio Lower Upper
94 100
96 83.6 74.8 112.2

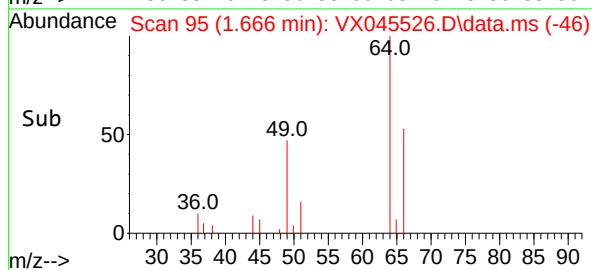
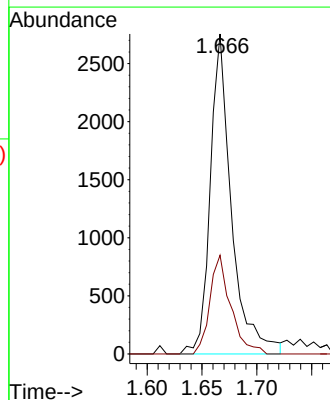
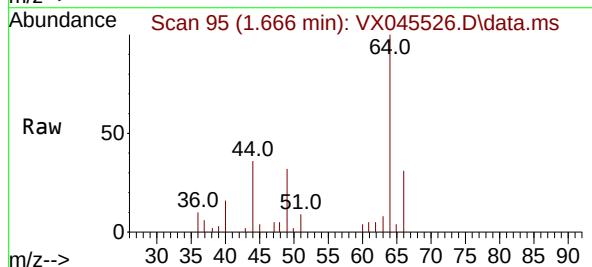
Manual Integrations
APPROVED

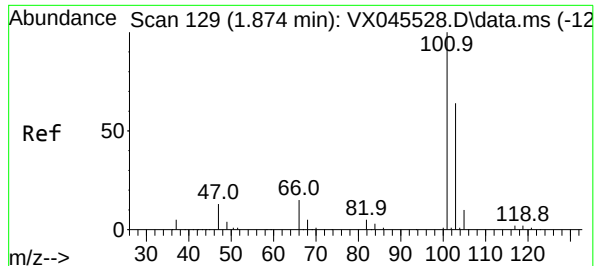
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 5.324 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

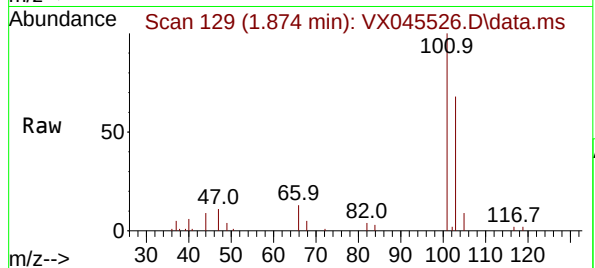
Tgt Ion: 64 Resp: 3703
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 4.766 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

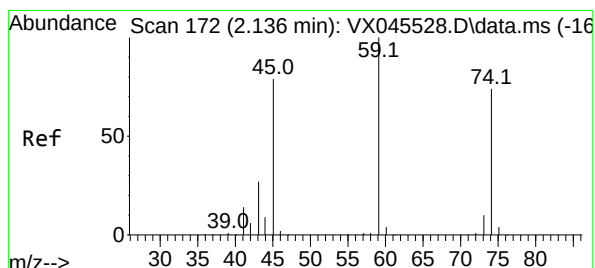
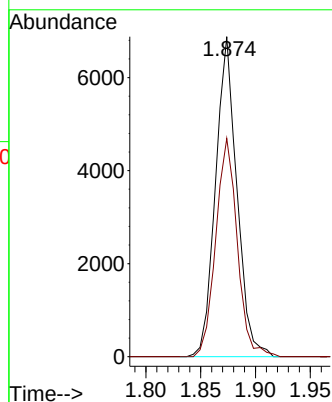
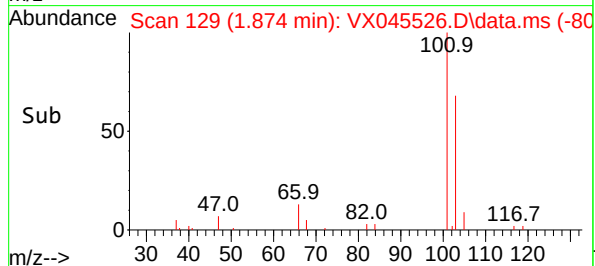
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 9310
Ion Ratio Lower Upper
101 100
103 68.2 51.1 76.7

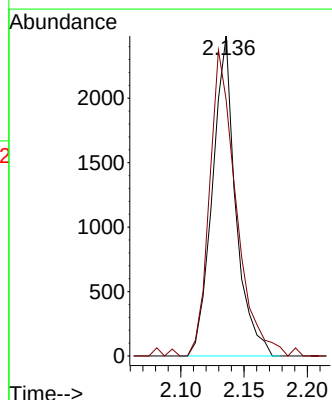
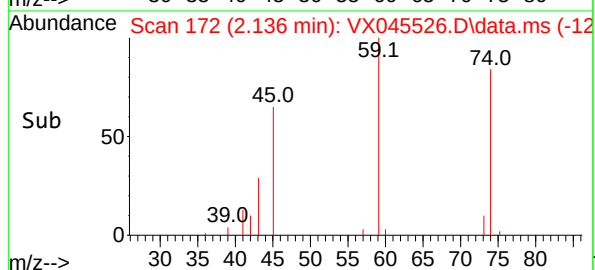
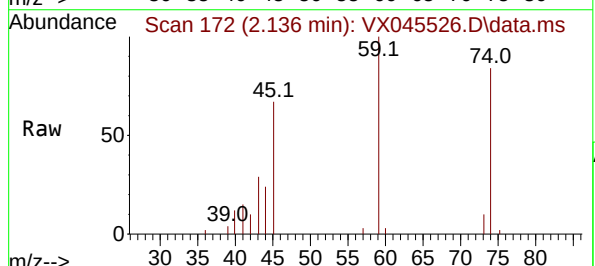
Manual Integrations
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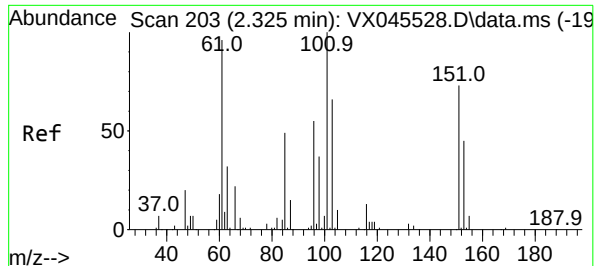
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#8
Diethyl Ether
Concen: 4.832 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 74 Resp: 3171
Ion Ratio Lower Upper
74 100
45 110.2 53.0 159.1





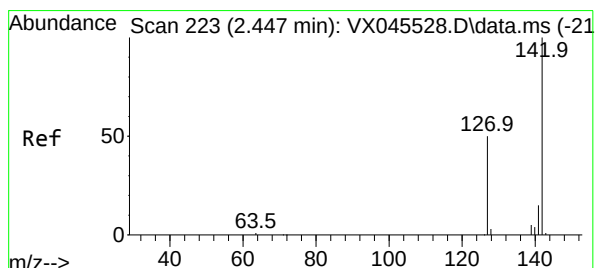
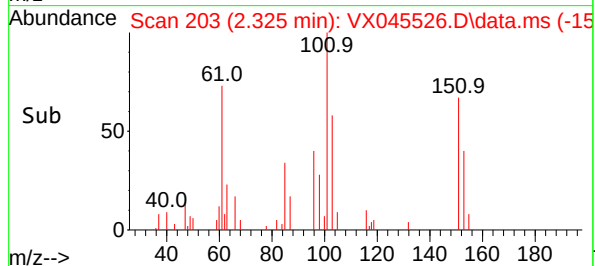
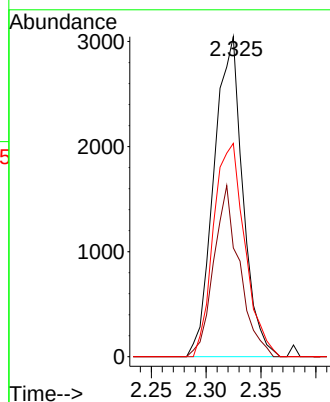
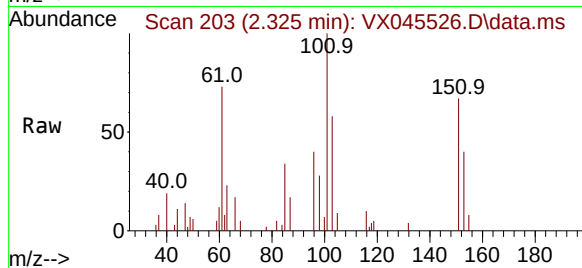
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.879 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 5589
Ion Ratio Lower Upper
101 100
85 47.8 38.9 58.3
151 72.4 57.5 86.3

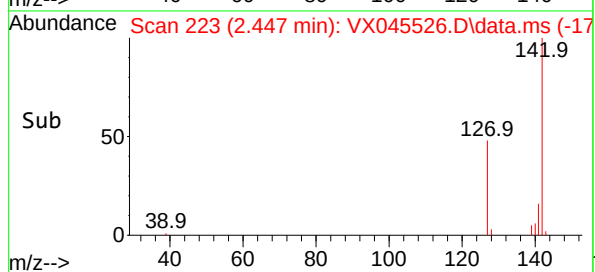
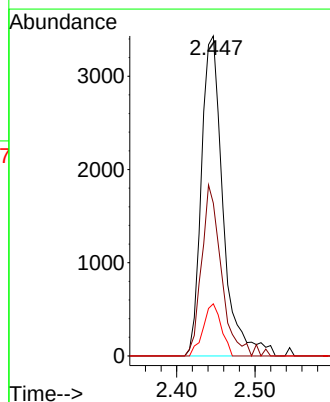
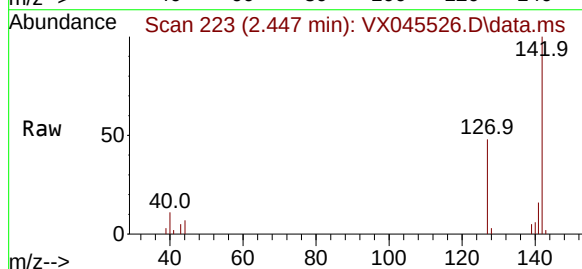
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APPROVED

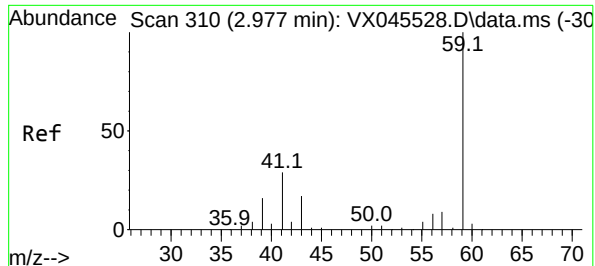
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 4.601 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:142 Resp: 6574
Ion Ratio Lower Upper
142 100
127 48.4 40.2 60.4
141 13.7 11.7 17.5





#11

Tert butyl alcohol

Concen: 22.633 ug/l

RT: 2.983 min Scan# 310

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 5180

Ion Ratio Lower Upper

59 100

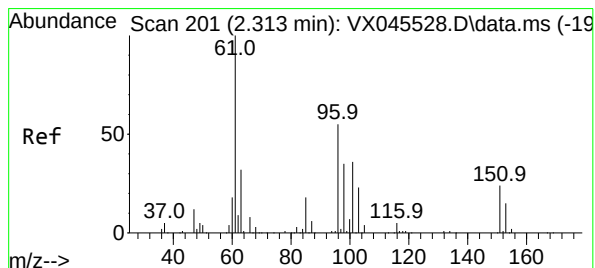
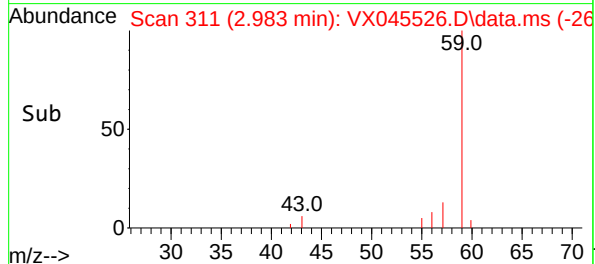
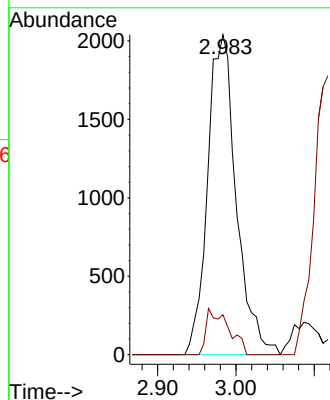
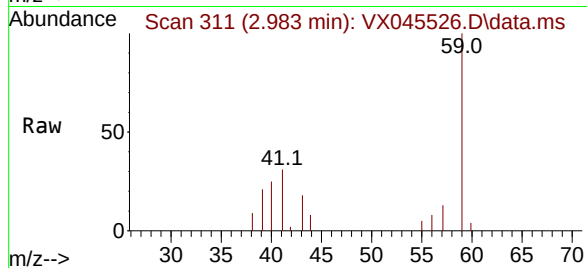
57 11.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#12

1,1-Dichloroethene

Concen: 4.901 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

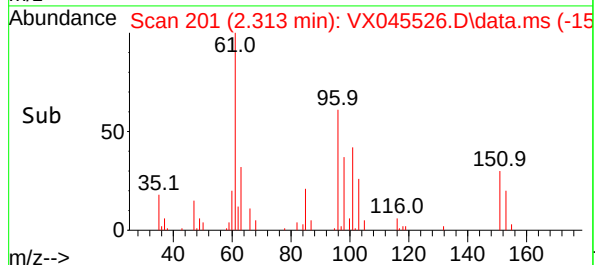
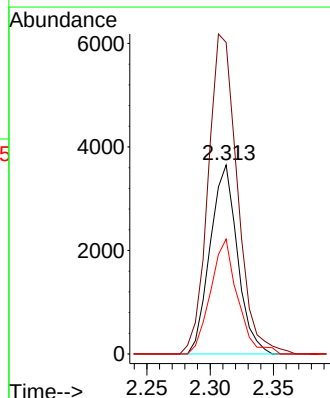
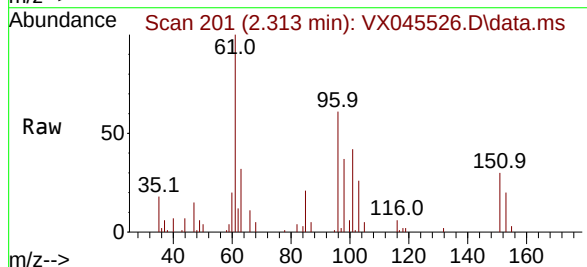
Tgt Ion: 96 Resp: 5485

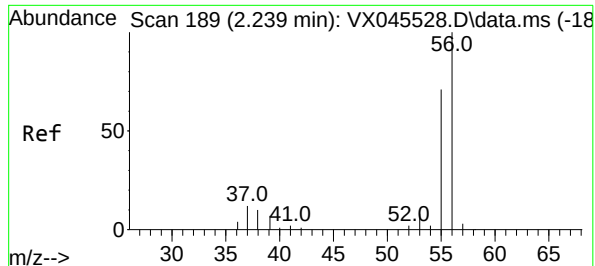
Ion Ratio Lower Upper

96 100

61 164.9 145.7 218.5

98 60.8 51.6 77.4





#13

Acrolein

Concen: 25.993 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 820

Ion Ratio Lower Upper

56 100

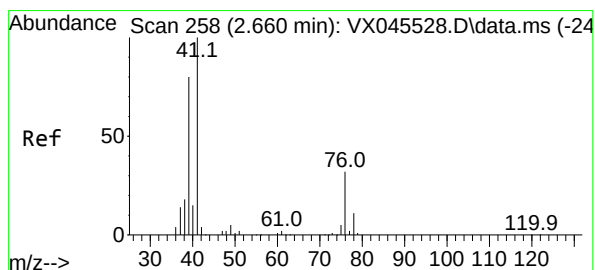
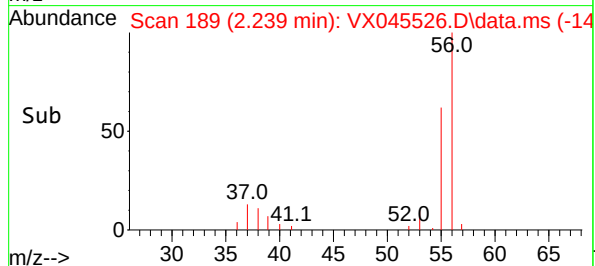
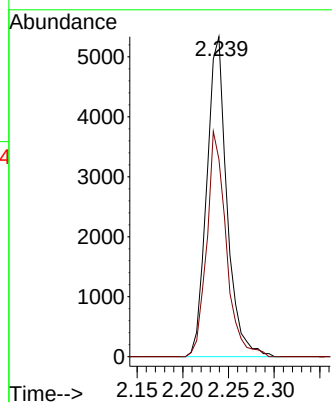
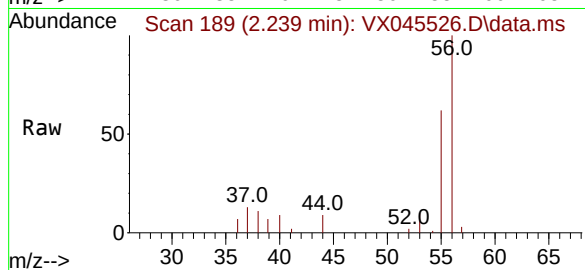
55 67.9 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#14

Allyl chloride

Concen: 4.690 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

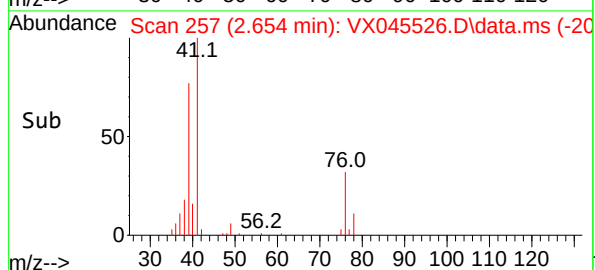
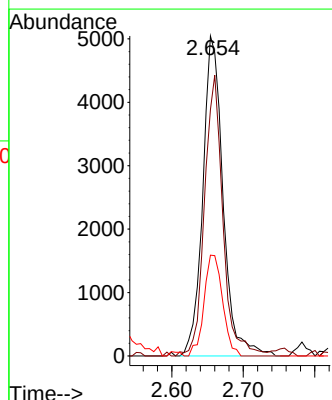
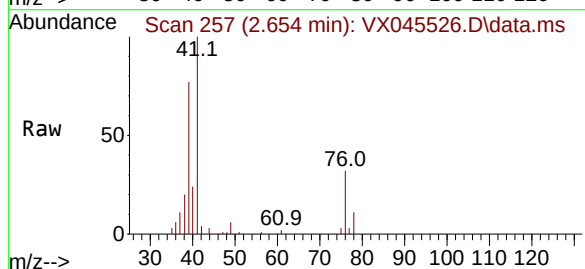
Tgt Ion: 41 Resp: 9960

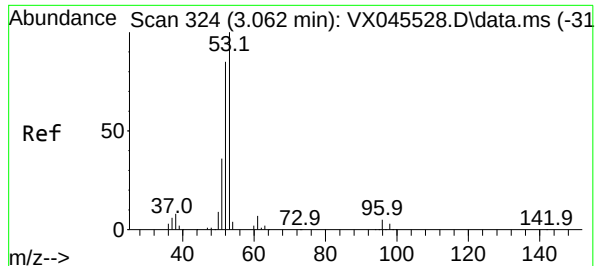
Ion Ratio Lower Upper

41 100

39 79.8 60.2 90.2

76 28.8 24.6 36.8





#15

Acrylonitrile

Concen: 24.624 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

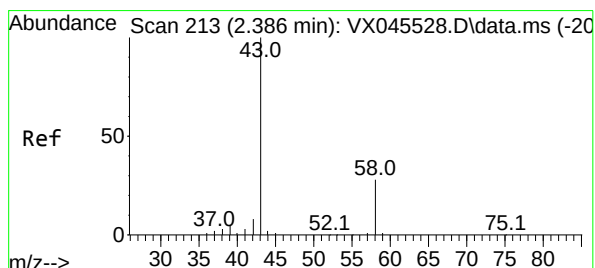
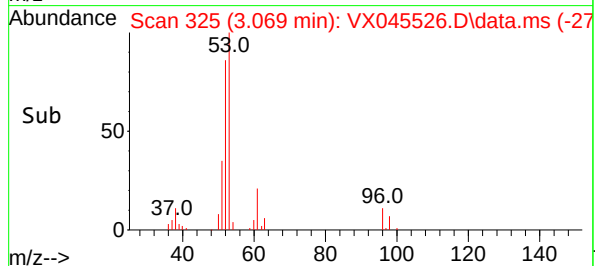
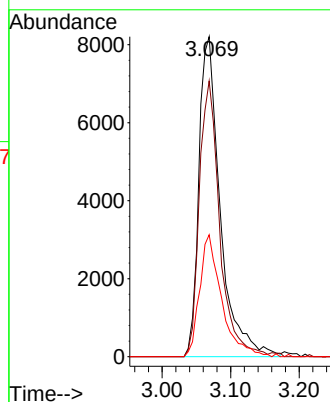
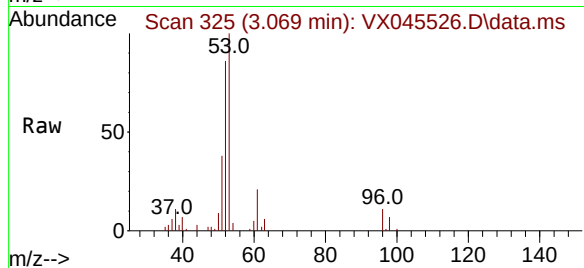
Tgt Ion:	53	Resp:	1781
Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.4	101.2
51	39.3	29.9	44.9

Manual Integrations

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Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#16

Acetone

Concen: 24.550 ug/l

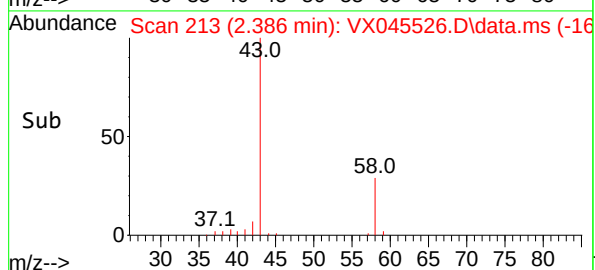
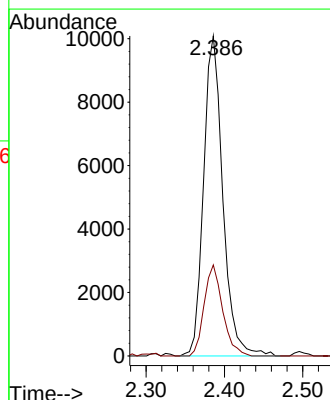
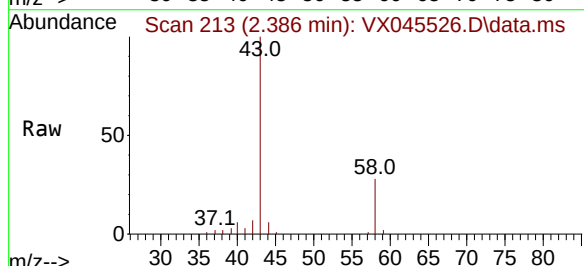
RT: 2.386 min Scan# 213

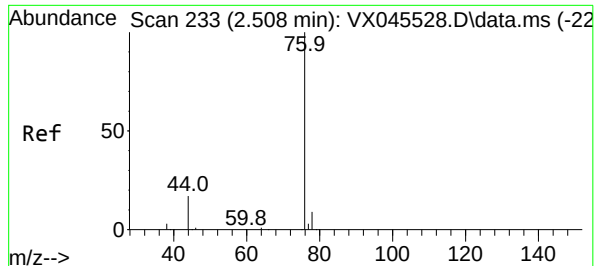
Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:	43	Resp:	17188
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.3	33.5





#17

Carbon Disulfide

Concen: 4.477 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 12370

Ion Ratio Lower Upper

76 100

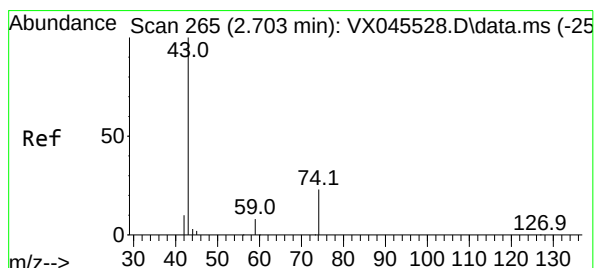
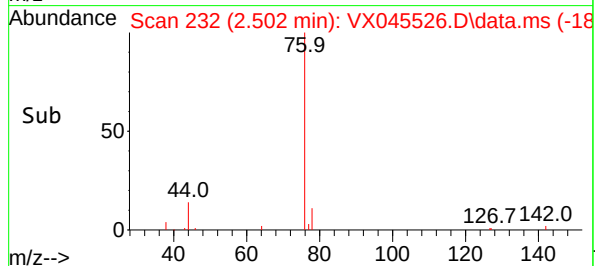
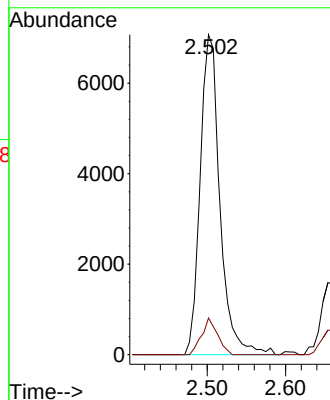
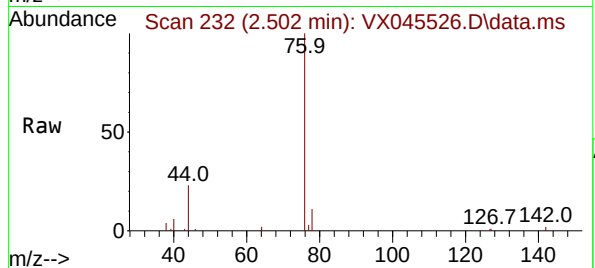
78 11.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#18

Methyl Acetate

Concen: 4.989 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045526.D

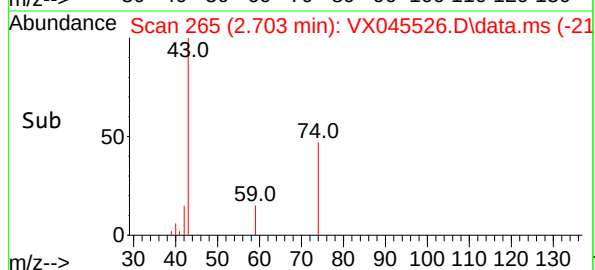
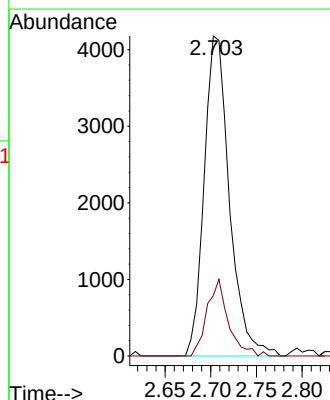
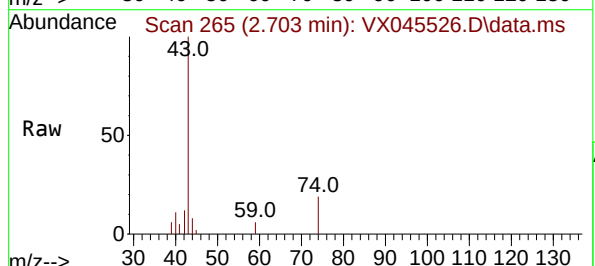
Acq: 01 Apr 2025 17:29

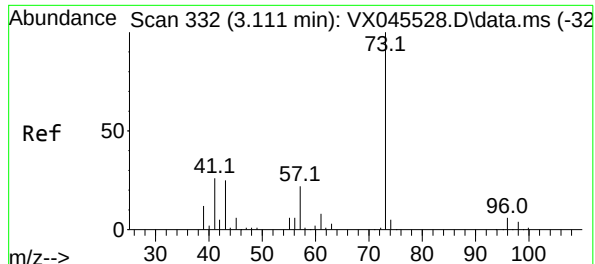
Tgt Ion: 43 Resp: 8042

Ion Ratio Lower Upper

43 100

74 20.2 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 4.677 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 18314

Ion Ratio Lower Upper

73 100

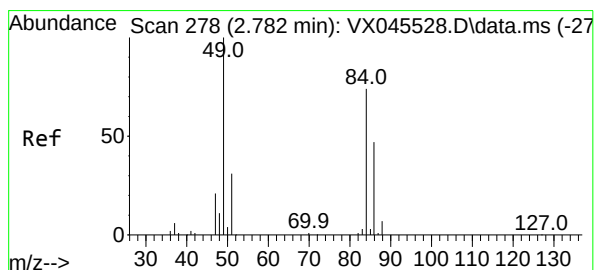
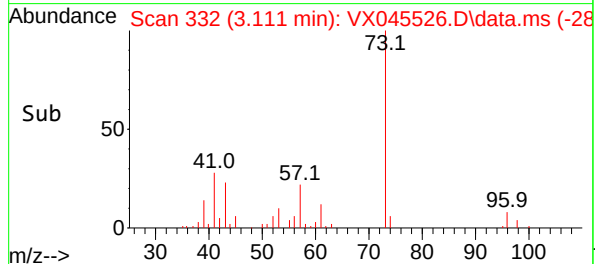
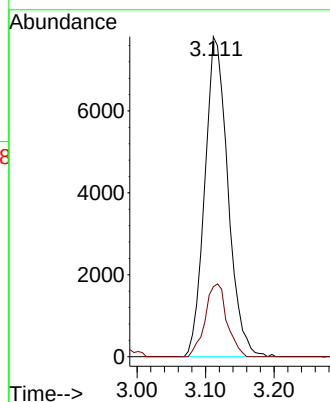
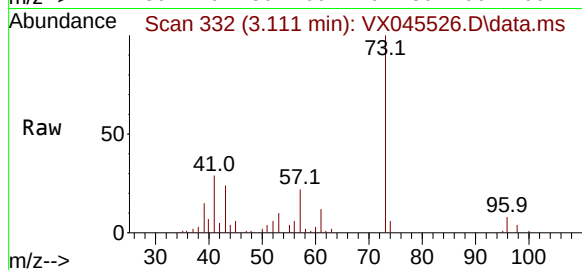
57 21.9 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#20

Methylene Chloride

Concen: 4.945 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion: 84 Resp: 6481

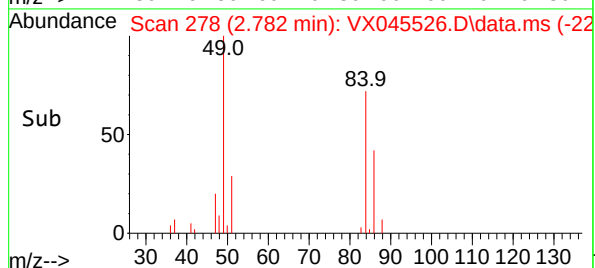
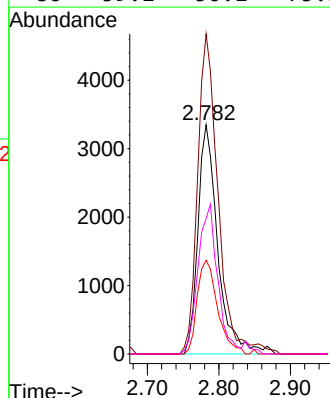
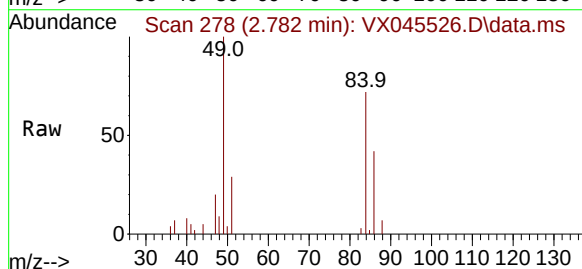
Ion Ratio Lower Upper

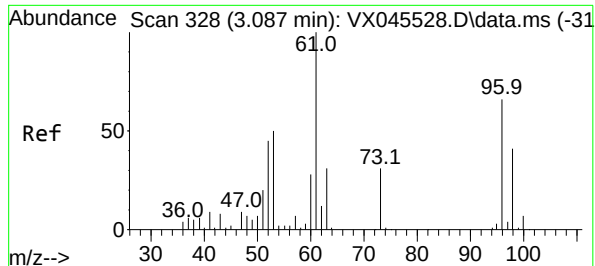
84 100

49 139.6 107.5 161.3

51 40.9 33.0 49.6

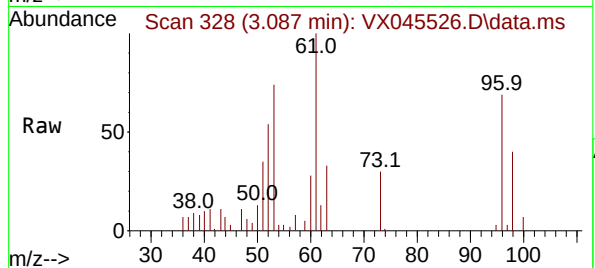
86 59.1 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 4.840 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

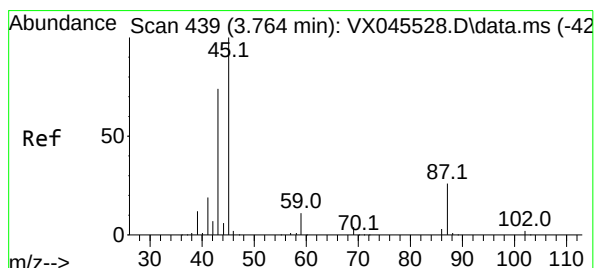
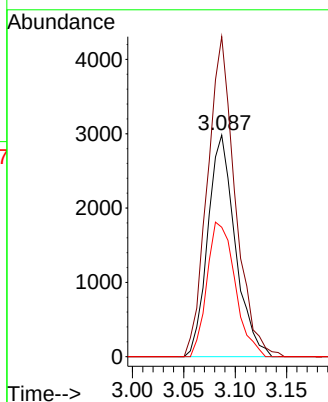
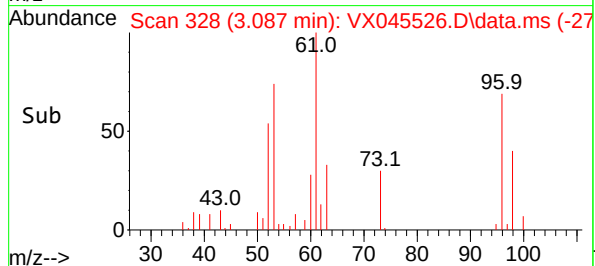
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 5534
Ion Ratio Lower Upper
96 100
61 144.4 121.0 181.6
98 58.5 49.7 74.5

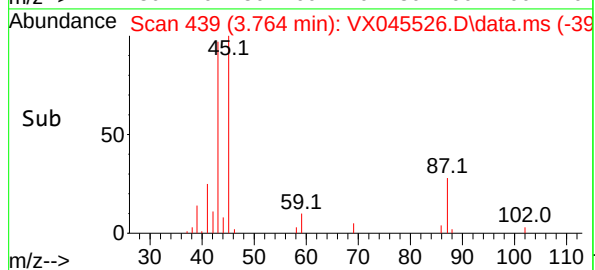
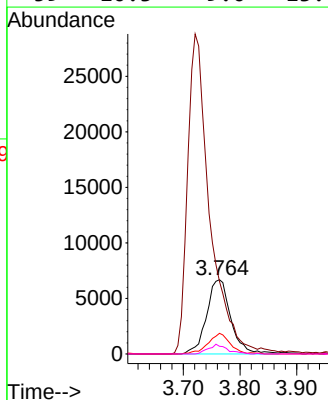
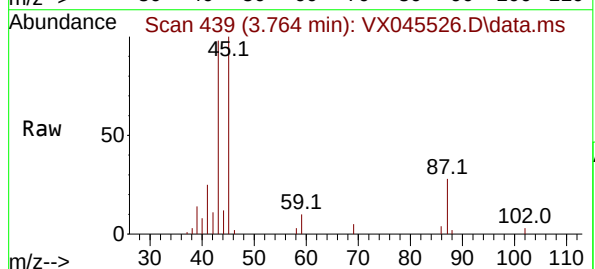
Manual Integrations
APPROVED

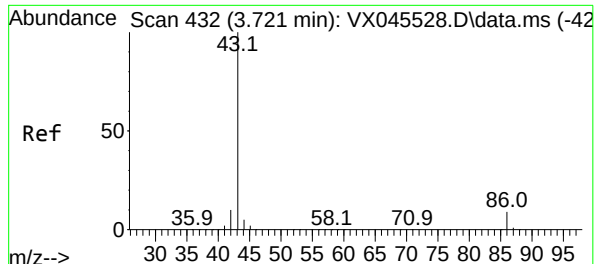
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#22
Diisopropyl ether
Concen: 4.725 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 45 Resp: 19765
Ion Ratio Lower Upper
45 100
43 94.7 59.3 88.9#
87 27.8 20.4 30.6
59 10.3 9.0 13.6





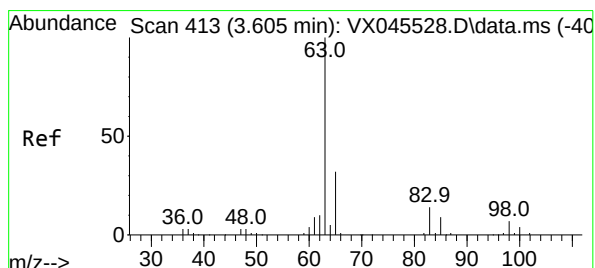
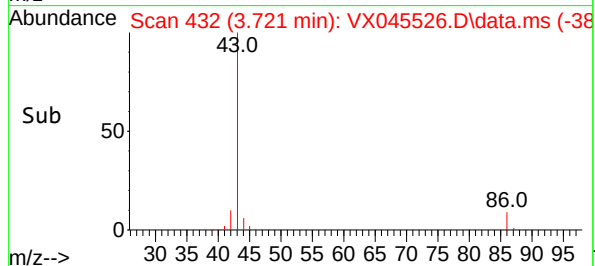
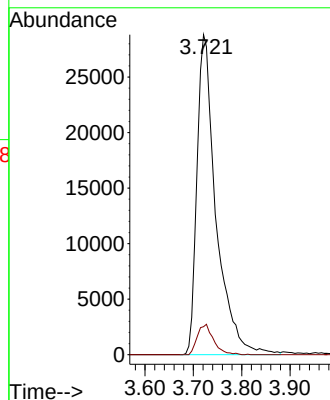
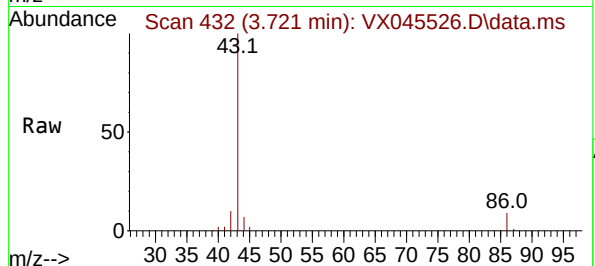
#23
Vinyl Acetate
Concen: 21.831 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 7890
Ion Ratio Lower Upper
43 100
86 8.7 7.5 11.3

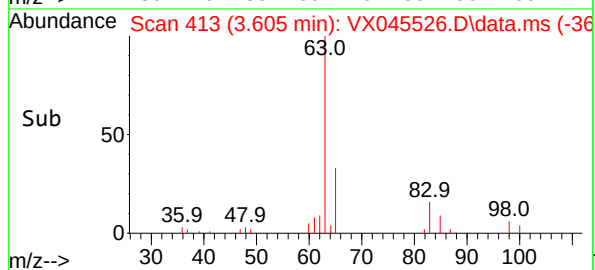
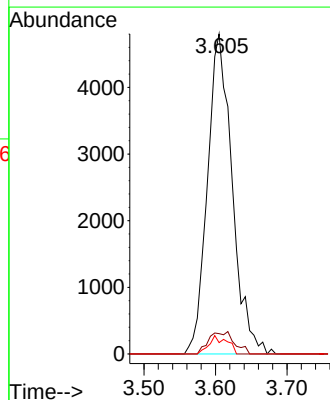
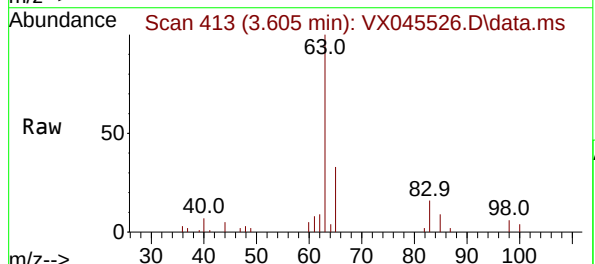
Manual Integrations
APPROVED

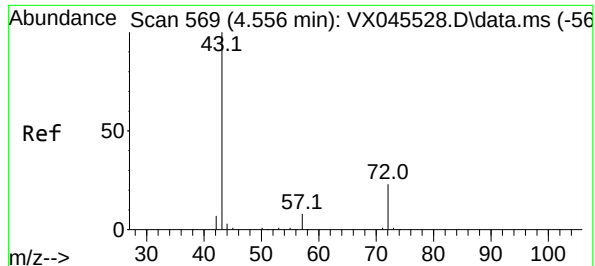
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#24
1,1-Dichloroethane
Concen: 4.887 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 63 Resp: 11562
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.1
100 3.6 2.2 6.6





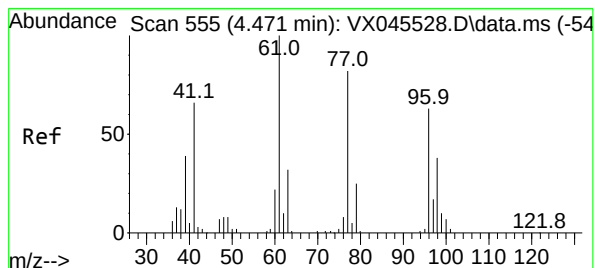
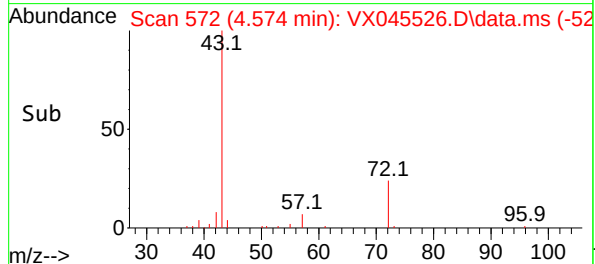
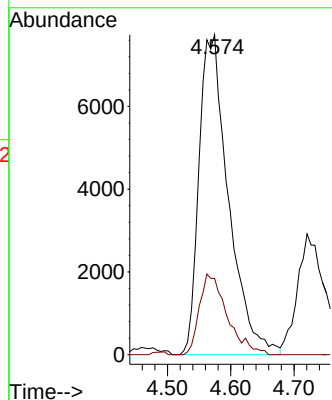
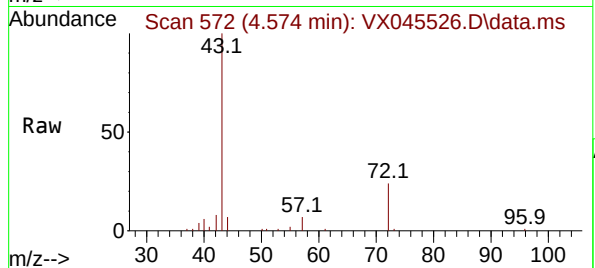
#25
2-Butanone
Concen: 24.419 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 25020
Ion Ratio Lower Upper
43 100
72 23.8 18.6 28.0

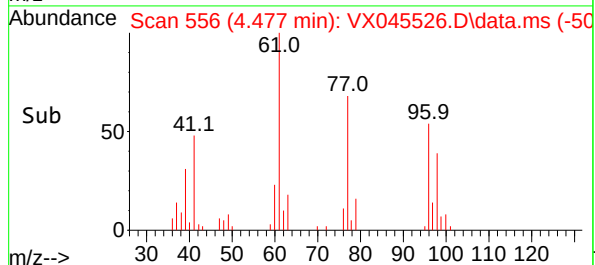
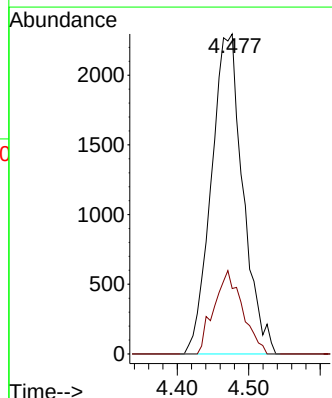
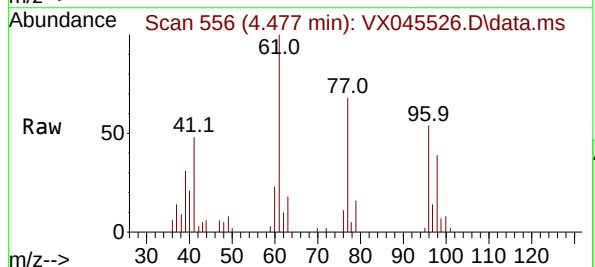
Manual Integrations
APPROVED

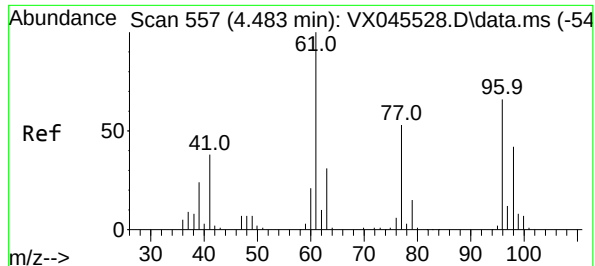
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 4.615 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 77 Resp: 7054
Ion Ratio Lower Upper
77 100
97 23.4 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 4.655 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 648

Ion Ratio Lower Upper

96 100

61 162.4 0.0 313.2

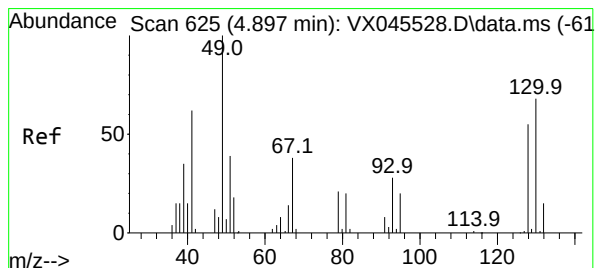
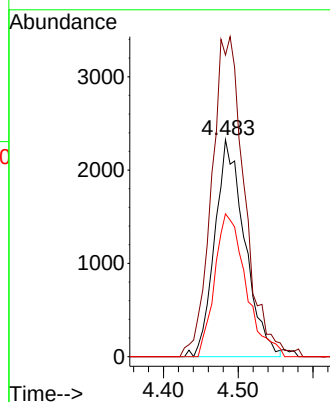
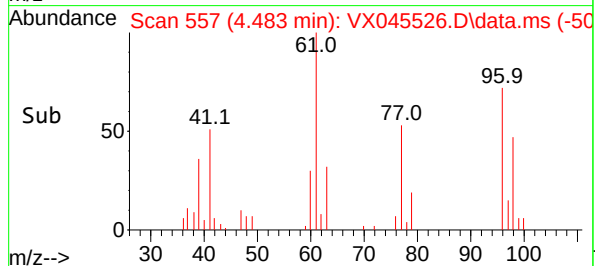
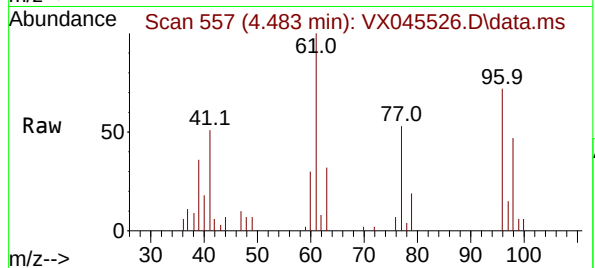
98 68.5 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 4.956 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

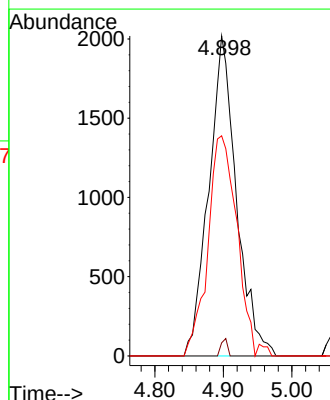
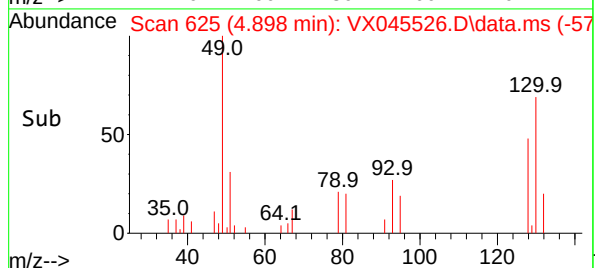
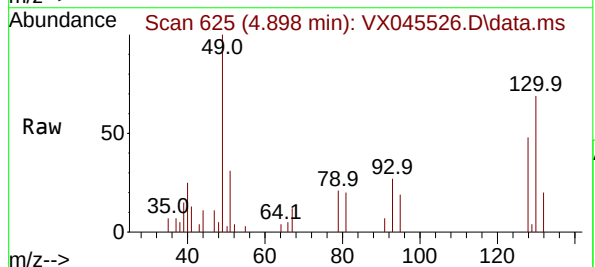
Tgt Ion: 49 Resp: 5666

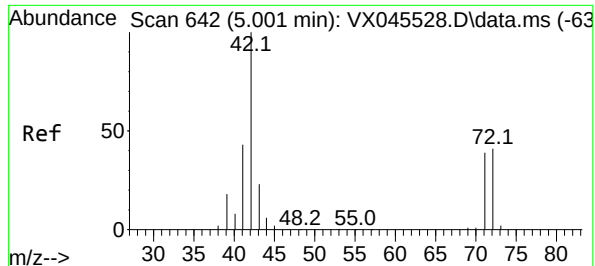
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

130 72.2 54.6 81.8





#29

Tetrahydrofuran

Concen: 23.950 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

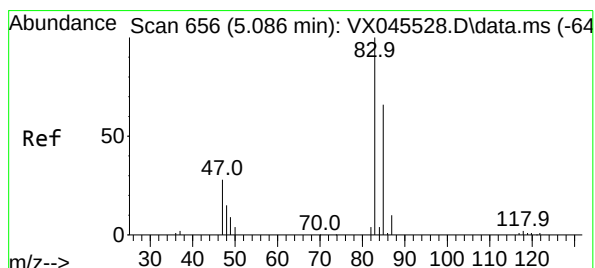
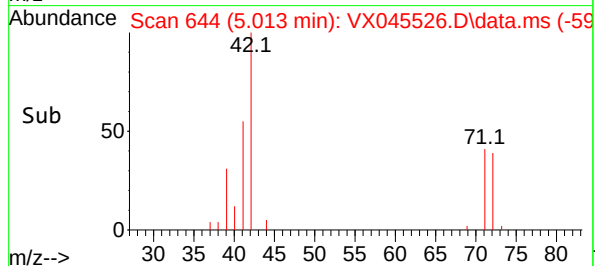
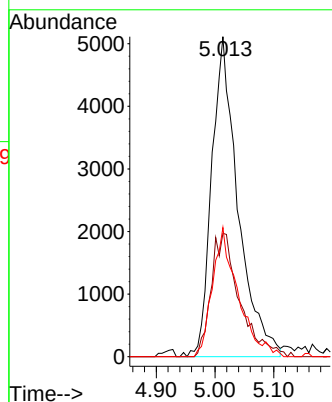
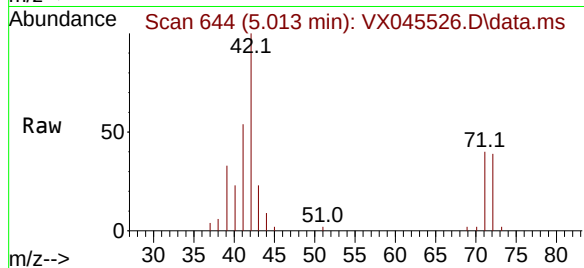
Tgt Ion:	42	Resp:	1591
Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.4	50.0
71	39.2	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#30

Chloroform

Concen: 5.012 ug/l

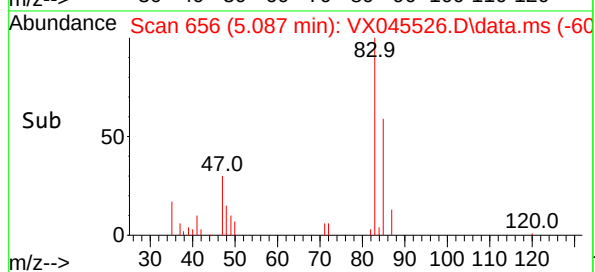
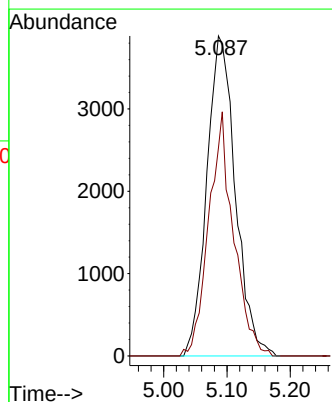
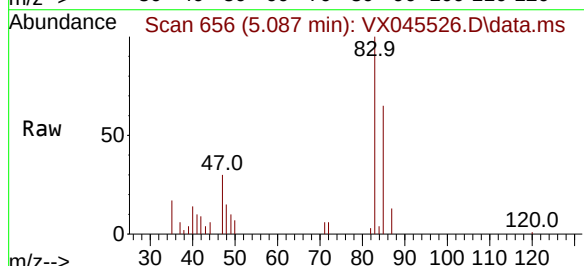
RT: 5.087 min Scan# 656

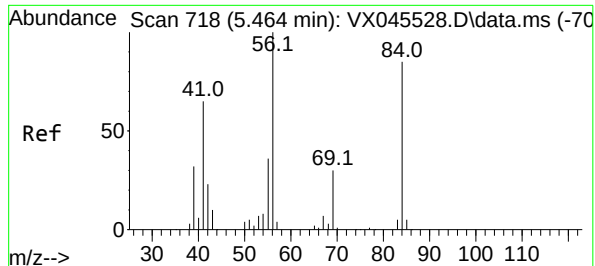
Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:	83	Resp:	12200
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.8	79.2





#31

Cyclohexane

Concen: 4.653 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 973

Ion Ratio Lower Upper

56 100

69 31.5 23.6 35.4

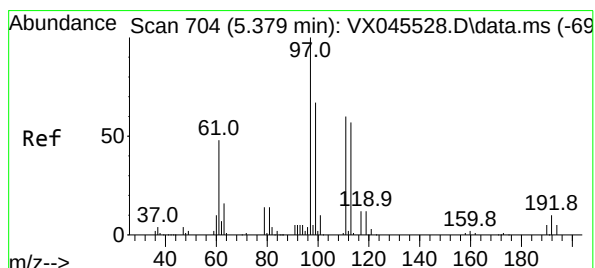
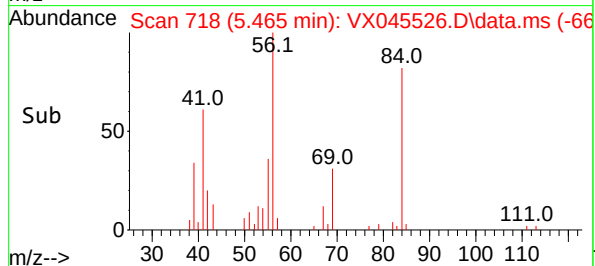
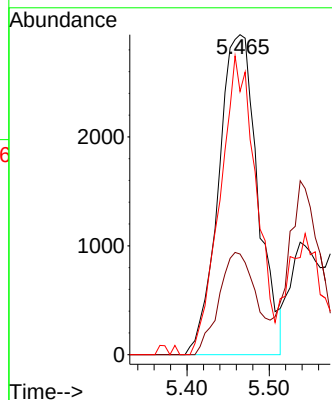
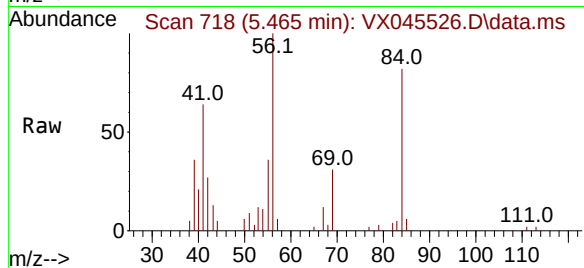
84 82.2 67.7 101.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#32

1,1,1-Trichloroethane

Concen: 4.763 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

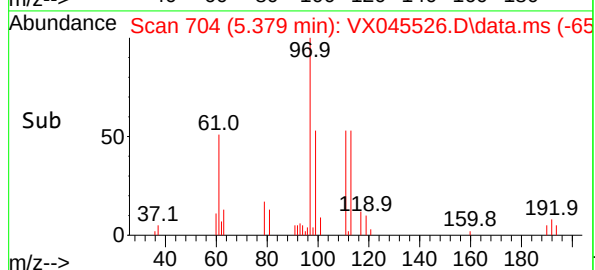
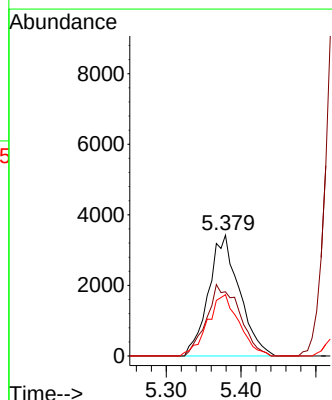
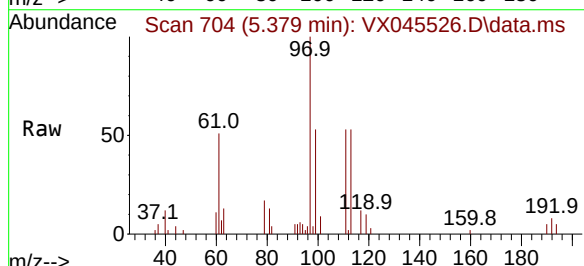
Tgt Ion: 97 Resp: 9811

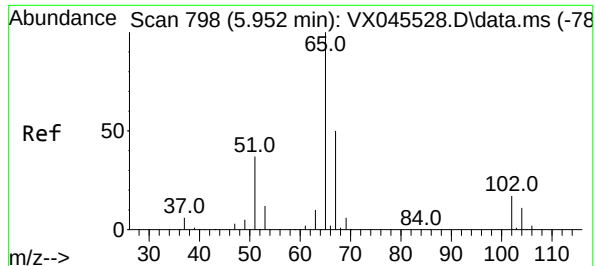
Ion Ratio Lower Upper

97 100

99 63.2 51.7 77.5

61 52.0 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 5.260 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 896

Ion Ratio Lower Upper

65 100

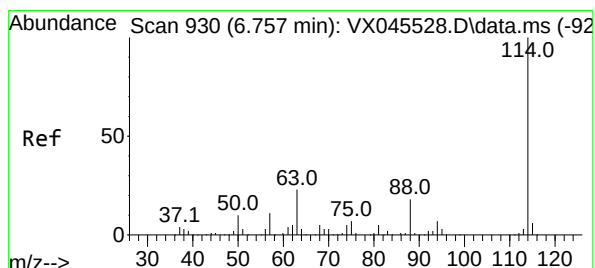
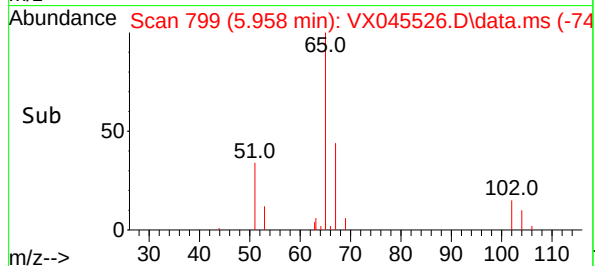
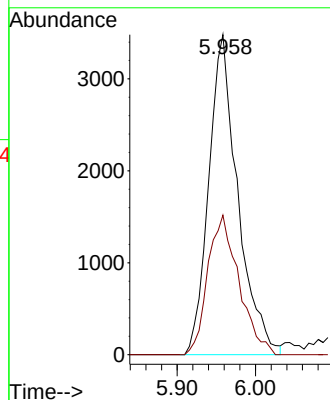
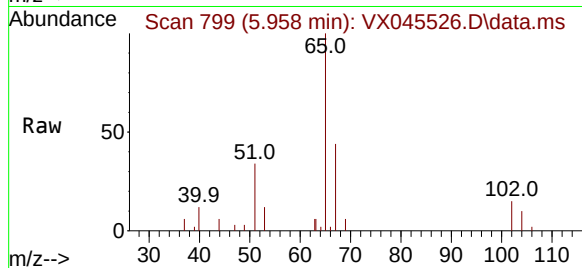
67 46.7 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

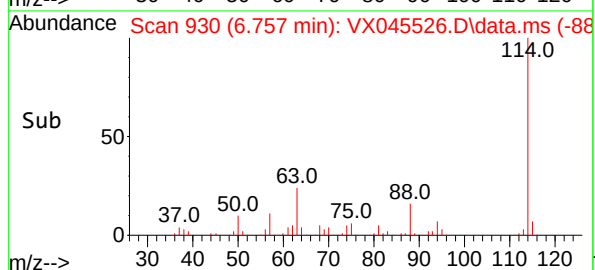
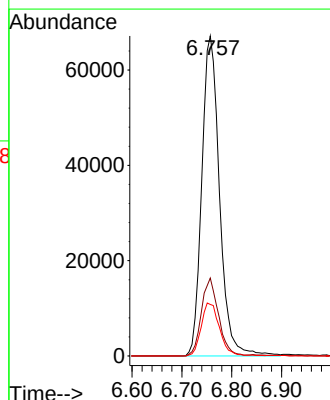
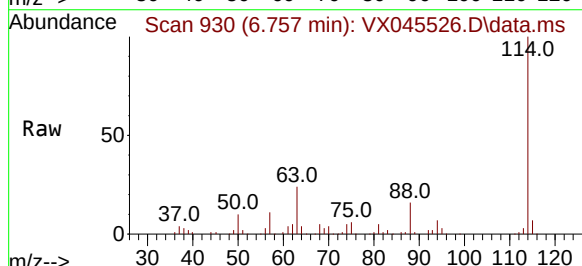
Tgt Ion:114 Resp: 166137

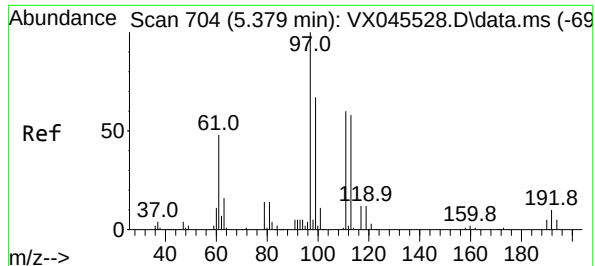
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 16.1 0.0 35.4





#35

Dibromofluoromethane

Concen: 5.244 ug/l

RT: 5.391 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

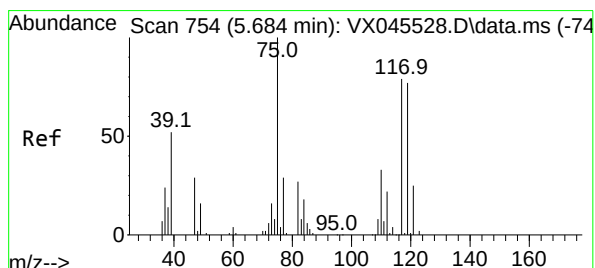
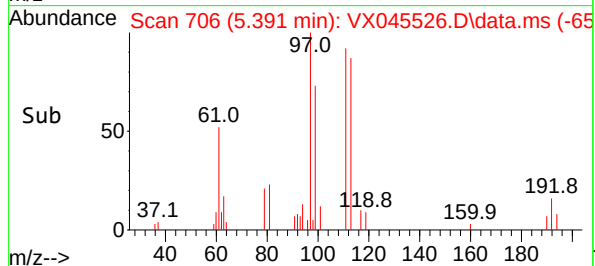
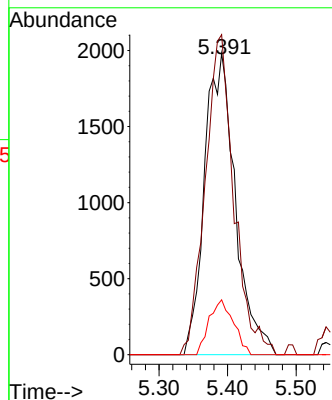
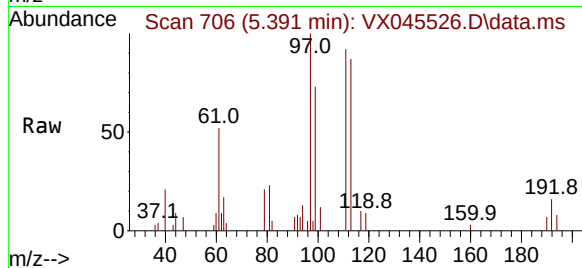
Tgt Ion:	113	Resp:	618
Ion	Ratio	Lower	Upper
113	100		
111	98.8	81.8	122.6
192	14.4	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#36

1,1-Dichloropropene

Concen: 4.621 ug/l

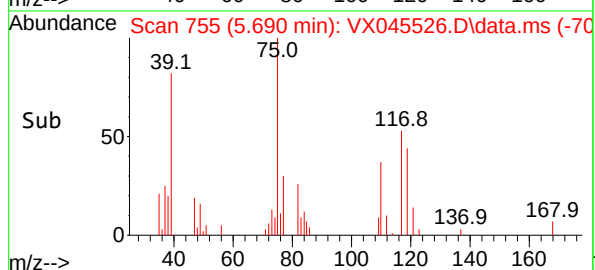
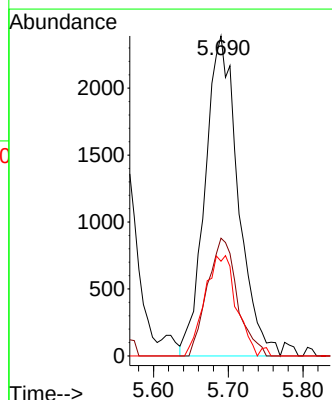
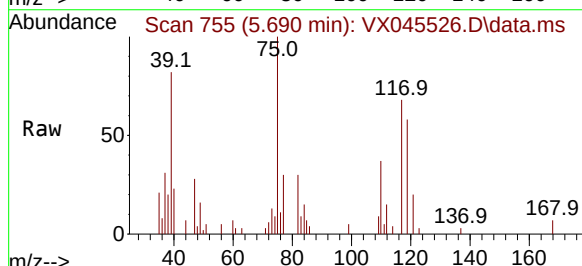
RT: 5.690 min Scan# 755

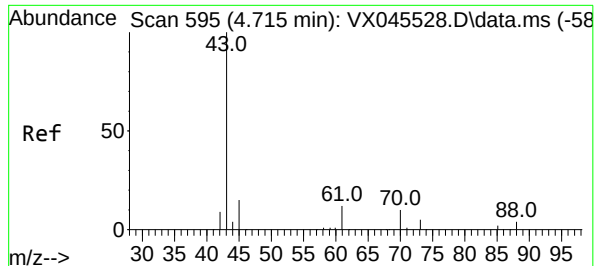
Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:	75	Resp:	7354
Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.9	50.6
77	29.8	25.0	37.4





#37

Ethyl Acetate

Concen: 4.679 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

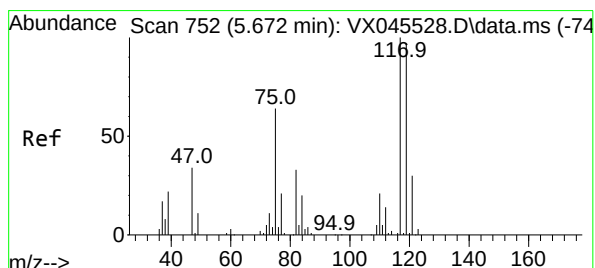
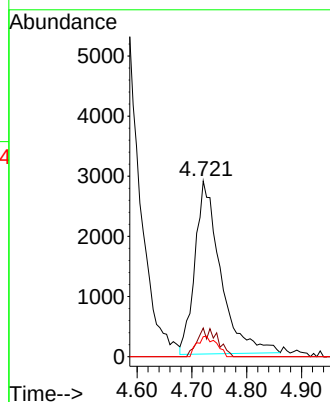
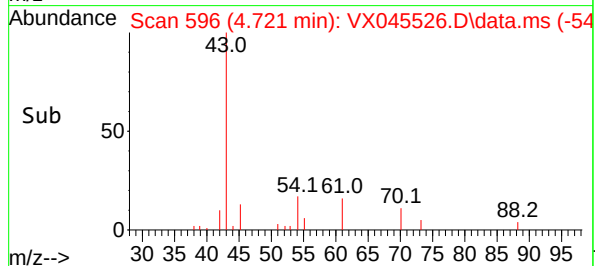
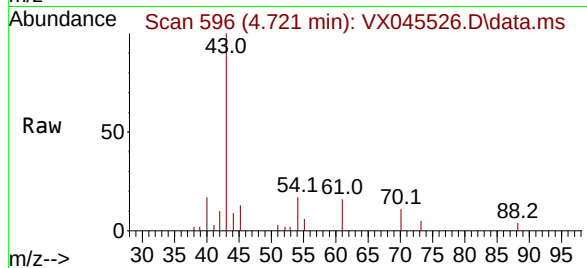
Tgt Ion:	43	Resp:	9384
Ion	Ratio	Lower	Upper
43	100		
61	6.3	9.9	14.9
70	8.9	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#38

Carbon Tetrachloride

Concen: 4.804 ug/l

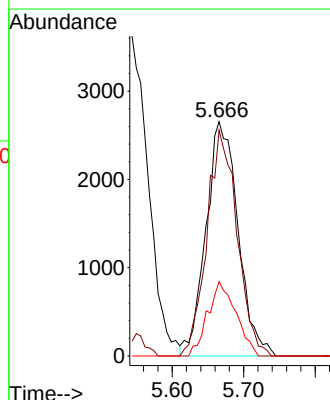
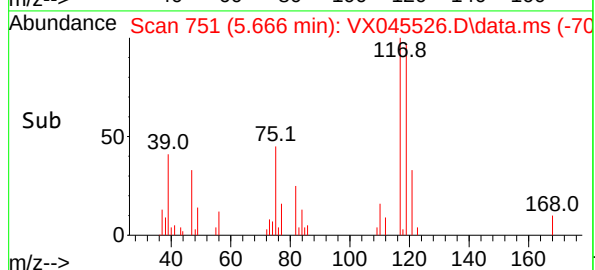
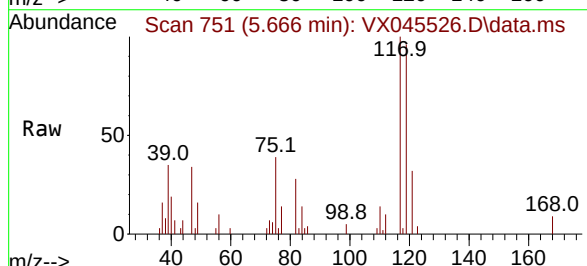
RT: 5.666 min Scan# 751

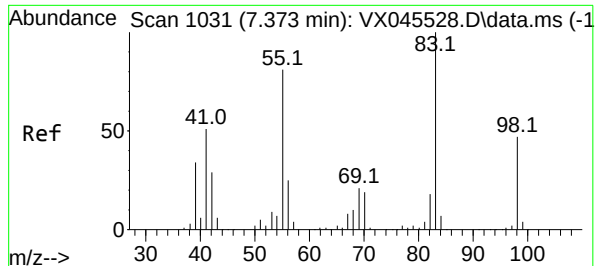
Delta R.T. -0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:	117	Resp:	8264
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
121	31.7	24.2	36.2





#39

Methylcyclohexane

Concen: 4.489 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 875

Ion Ratio Lower Upper

83 100

55 84.0 64.9 97.3

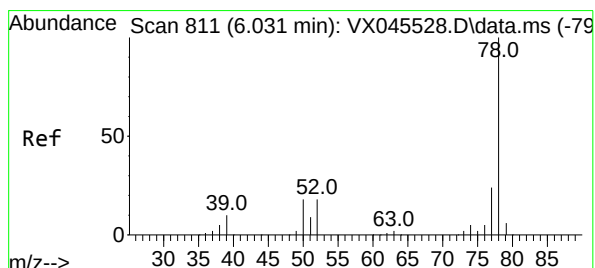
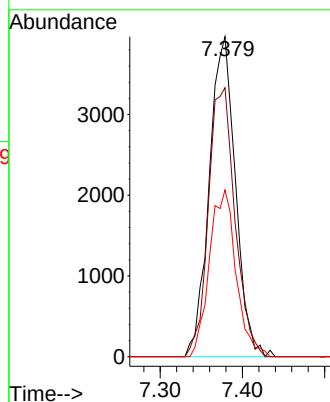
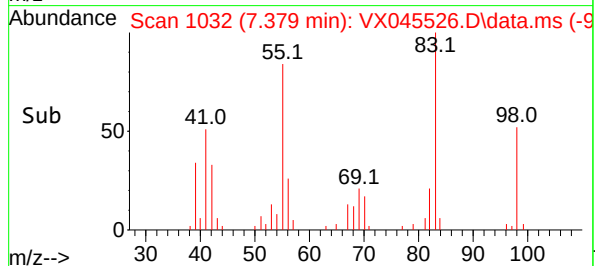
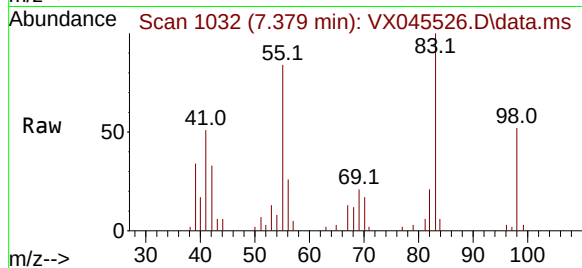
98 52.1 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#40

Benzene

Concen: 4.839 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX045526.D

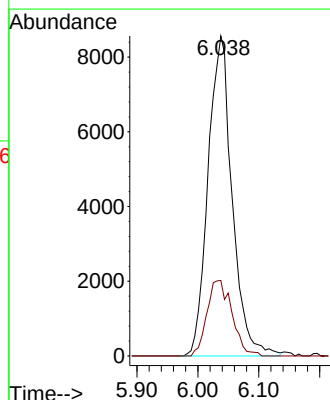
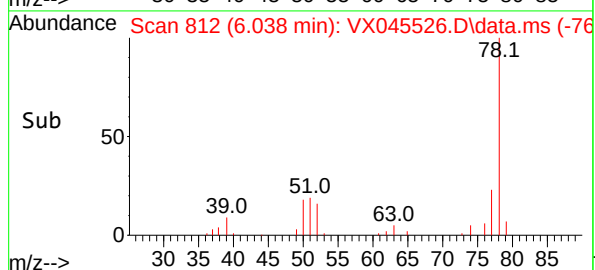
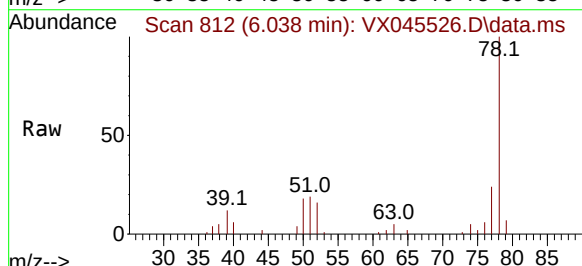
Acq: 01 Apr 2025 17:29

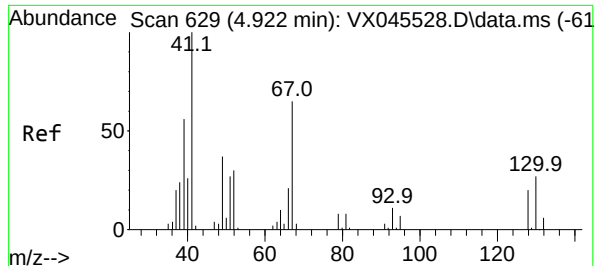
Tgt Ion: 78 Resp: 23522

Ion Ratio Lower Upper

78 100

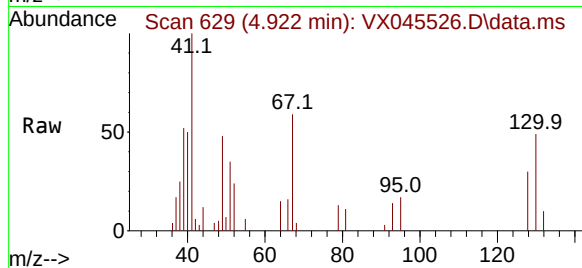
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 4.302 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

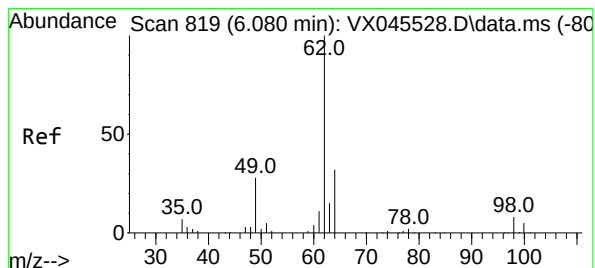
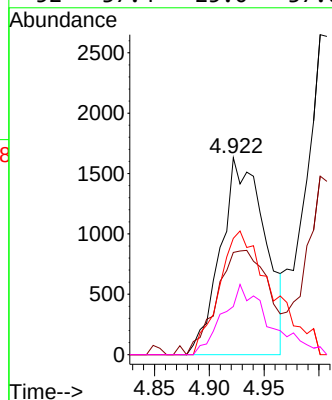
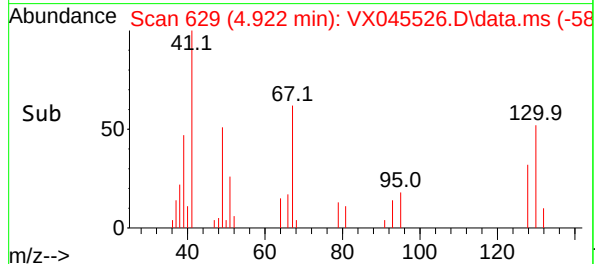
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 459
Ion Ratio Lower Upper
41 100
39 61.4 47.0 70.6
67 75.2 53.2 79.8
52 37.4 25.0 37.6

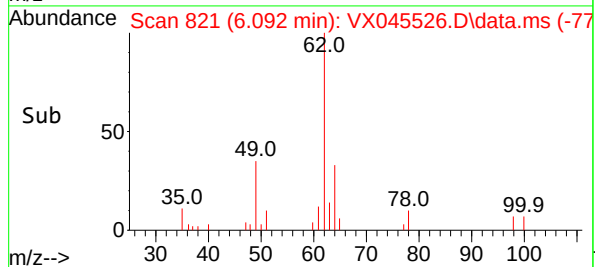
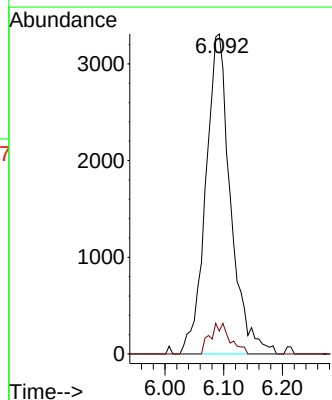
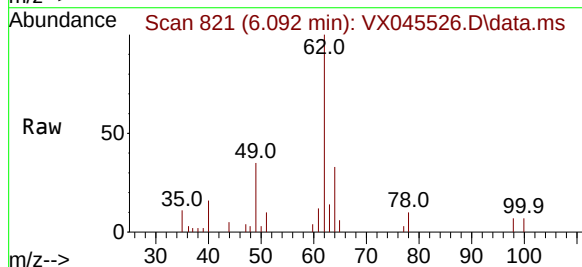
Manual Integrations
APPROVED

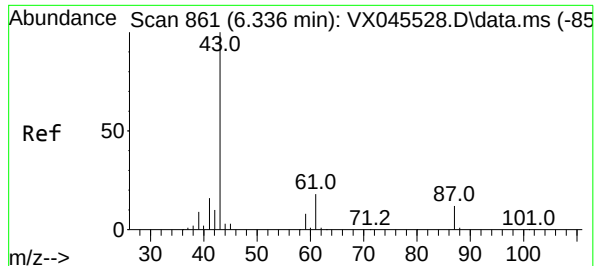
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#42
1,2-Dichloroethane
Concen: 4.838 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 62 Resp: 9713
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43

Isopropyl Acetate

Concen: 4.541 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX045526.D

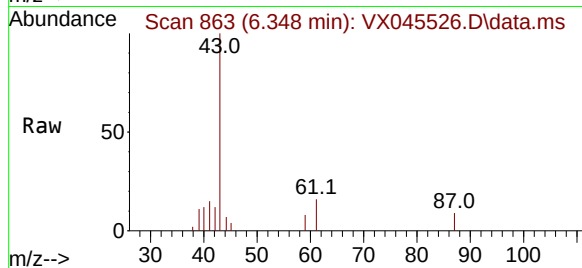
Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



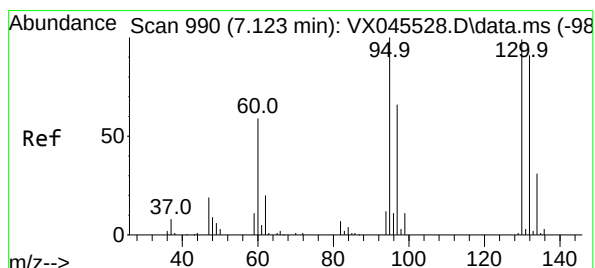
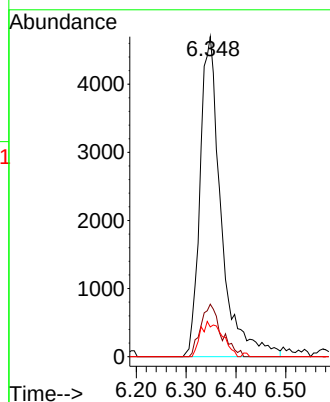
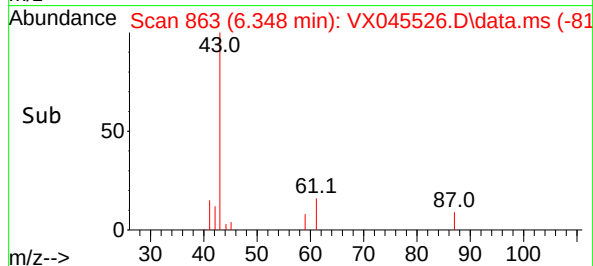
Tgt Ion: 43	Resp: 1380
Ion Ratio	Lower Upper
43	100
61	15.8 14.1 21.1
87	11.3 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#44

Trichloroethene

Concen: 4.635 ug/l

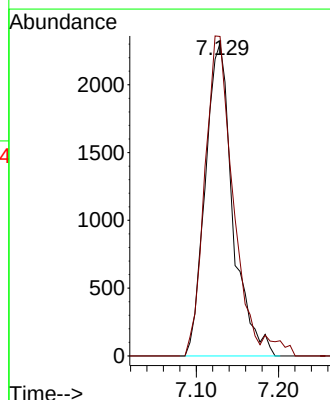
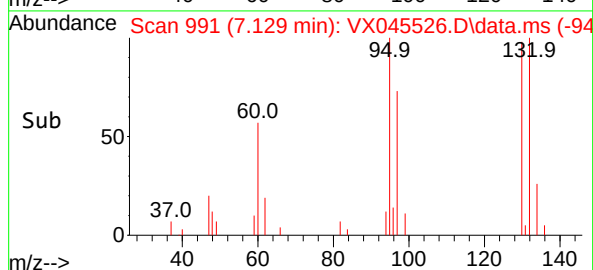
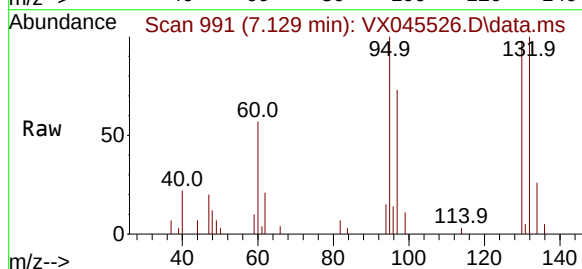
RT: 7.129 min Scan# 991

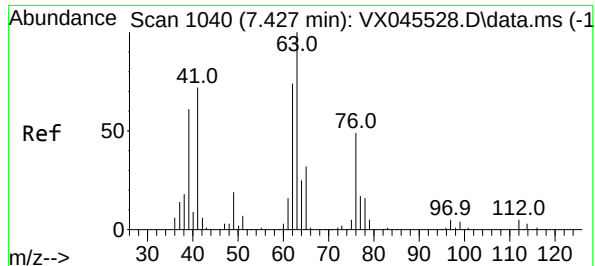
Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:130	Resp: 5355
Ion Ratio	Lower Upper
130	100
95	102.2 0.0 202.0





#45

1,2-Dichloropropane

Concen: 4.997 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 6060

Ion Ratio Lower Upper

63 100

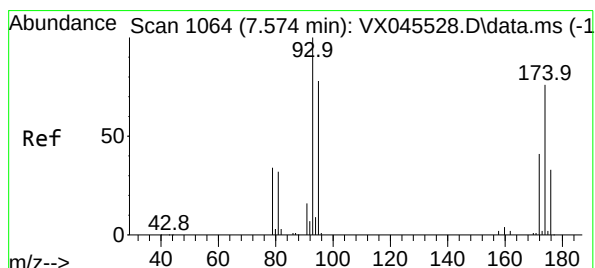
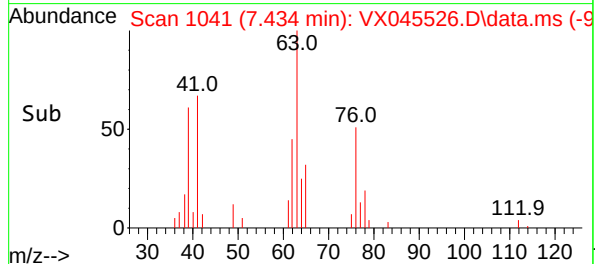
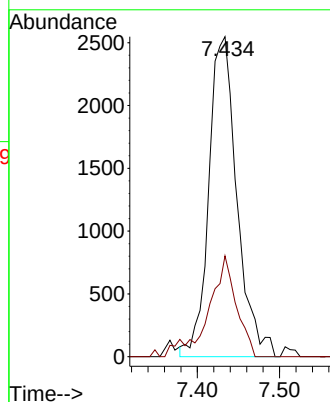
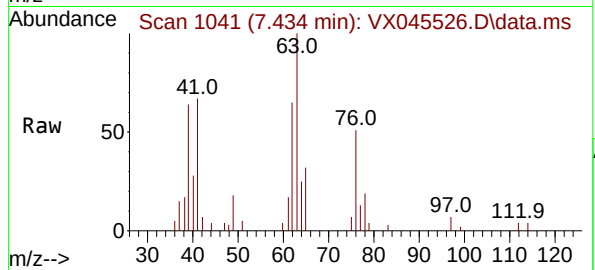
65 31.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#46

Dibromomethane

Concen: 5.120 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

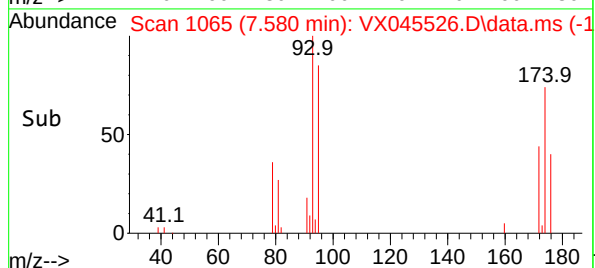
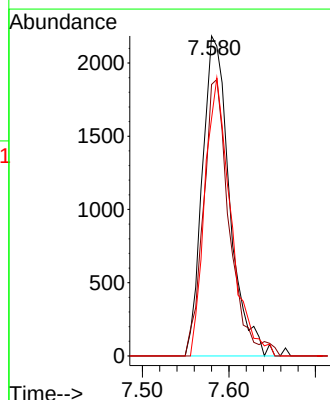
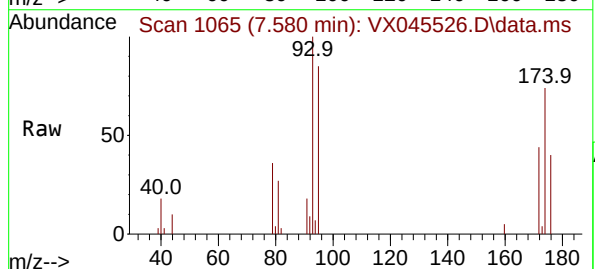
Tgt Ion: 93 Resp: 4767

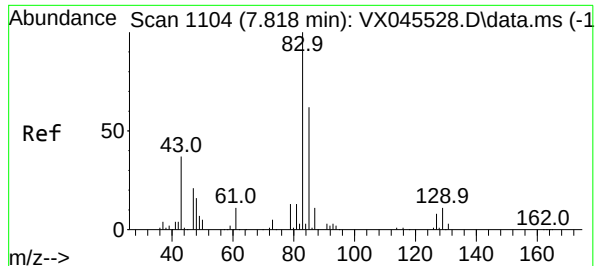
Ion Ratio Lower Upper

93 100

95 81.0 64.8 97.2

174 83.1 65.4 98.0





#47

Bromodichloromethane

Concen: 4.636 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

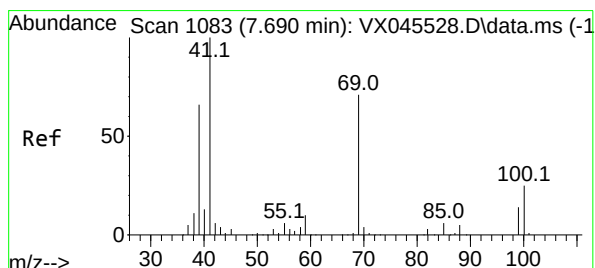
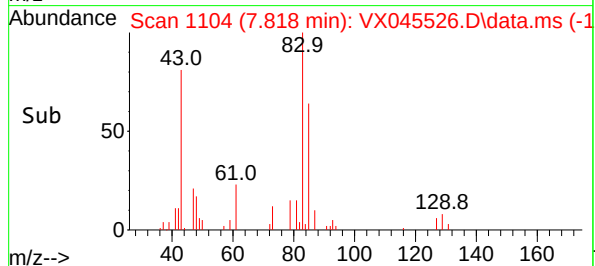
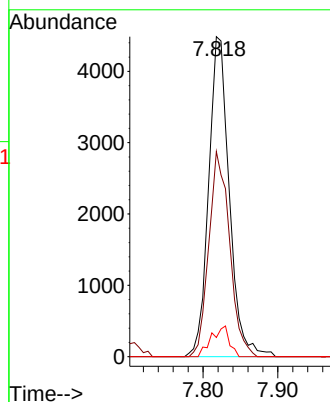
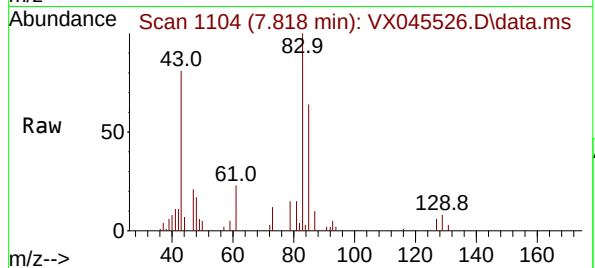
Tgt Ion:	83	Resp:	8619
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.7	74.5
127	6.0	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#48

Methyl methacrylate

Concen: 4.401 ug/l

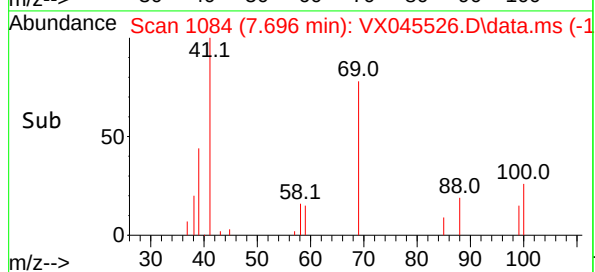
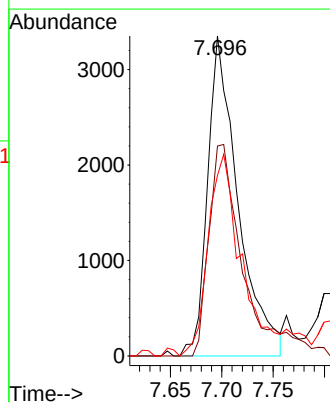
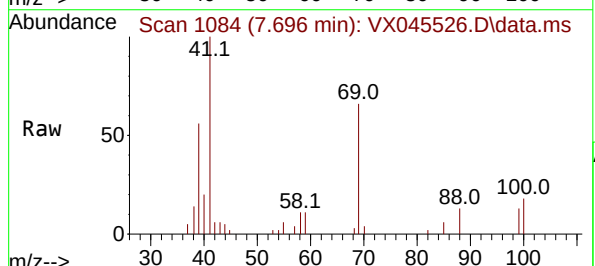
RT: 7.696 min Scan# 1084

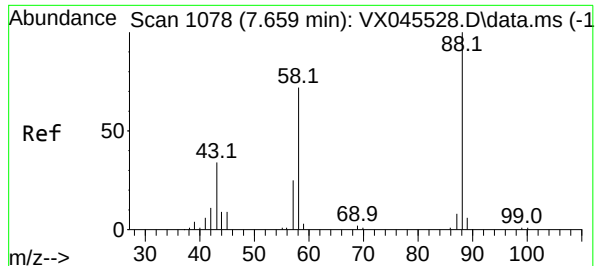
Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:	41	Resp:	6908
Ion	Ratio	Lower	Upper
41	100		
69	74.6	58.2	87.2
39	68.3	53.6	80.4





#49

1,4-Dioxane

Concen: 112.864 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

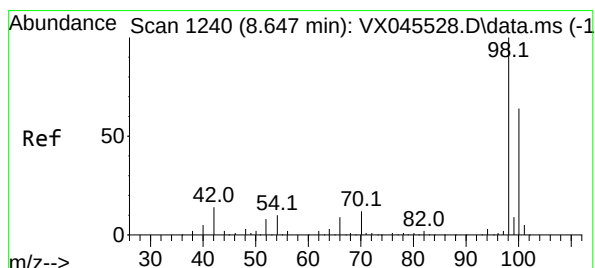
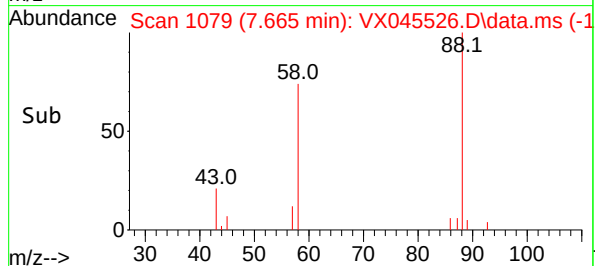
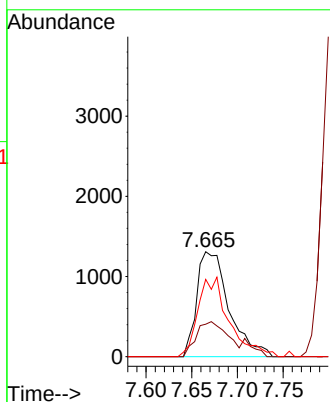
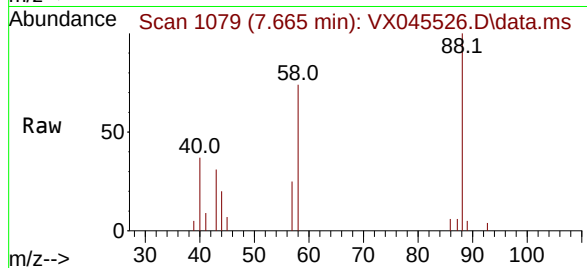
Tgt Ion:	88	Resp:	320
Ion	Ratio	Lower	Upper
88	100		
43	32.4	32.2	48.4
58	72.7	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#50

Toluene-d8

Concen: 5.077 ug/l

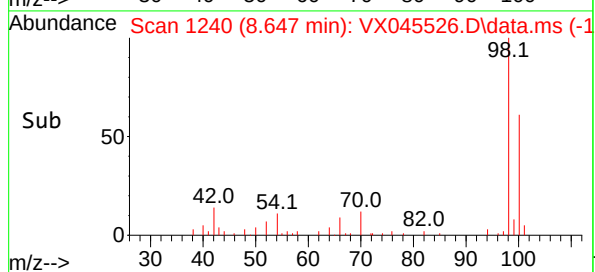
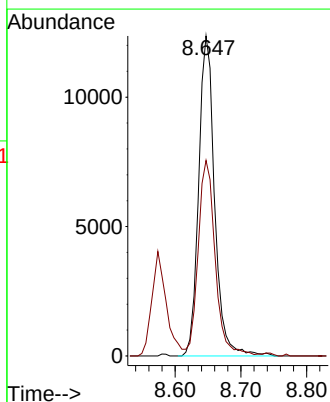
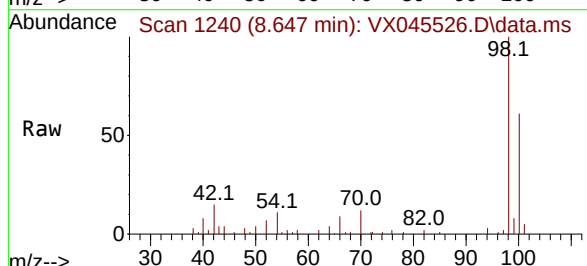
RT: 8.647 min Scan# 1240

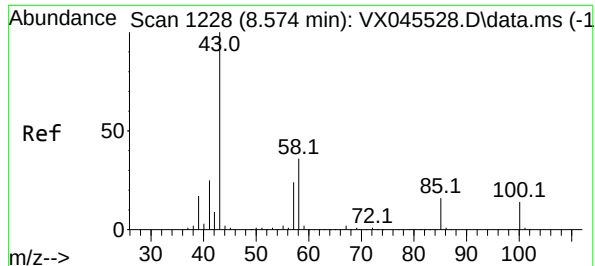
Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:	98	Resp:	20890
Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.2	78.4





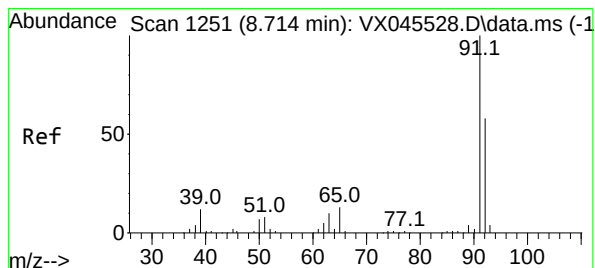
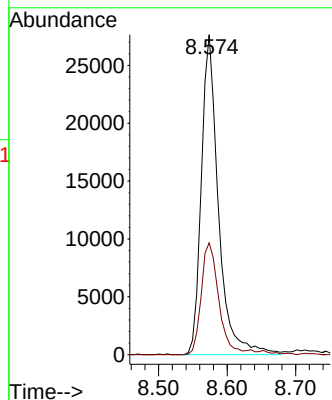
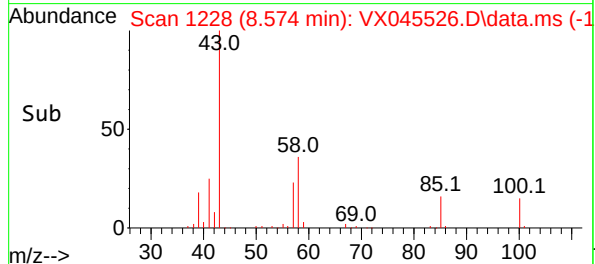
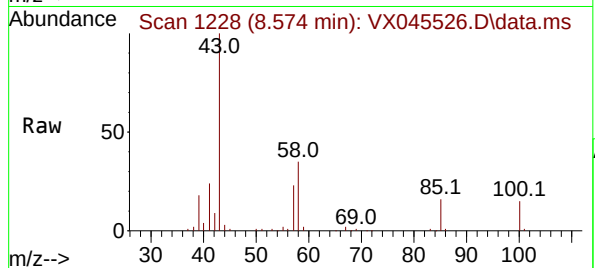
#51
4-Methyl-2-Pentanone
Concen: 23.844 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 48050
Ion Ratio Lower Upper
43 100
58 37.3 28.5 42.7

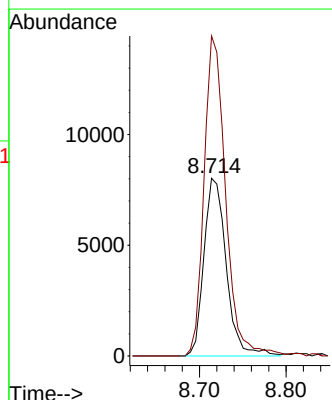
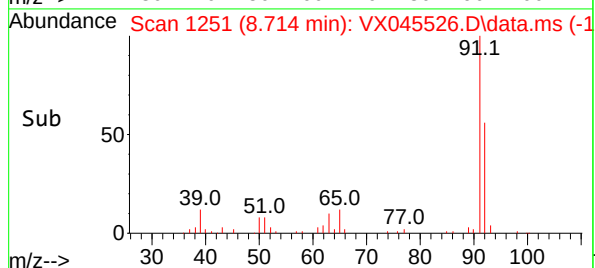
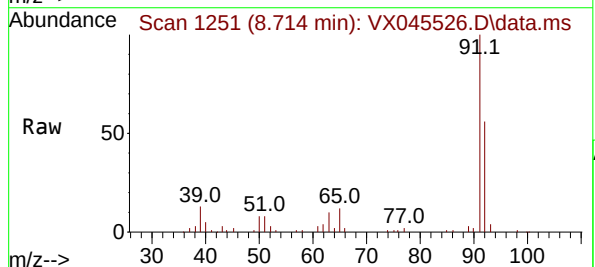
Manual Integrations
APPROVED

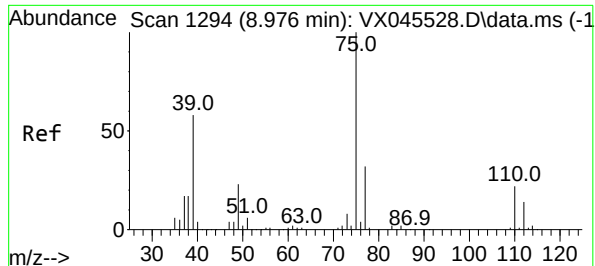
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 4.893 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 92 Resp: 14391
Ion Ratio Lower Upper
92 100
91 173.1 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 5.834 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 664

Ion Ratio Lower Upper

75 100

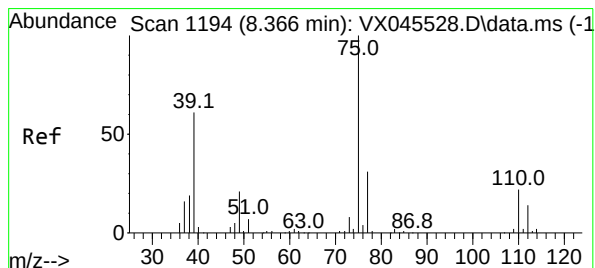
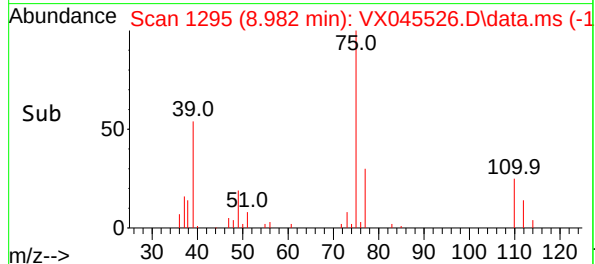
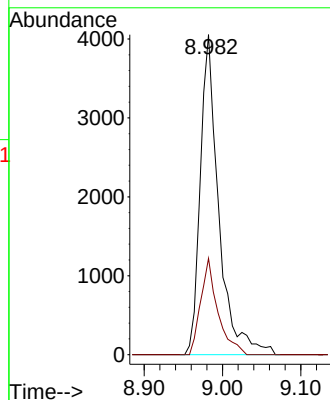
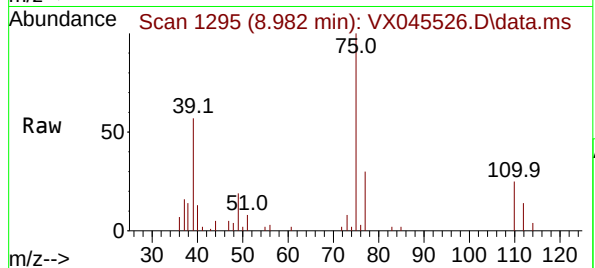
77 30.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#54

cis-1,3-Dichloropropene

Concen: 4.506 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

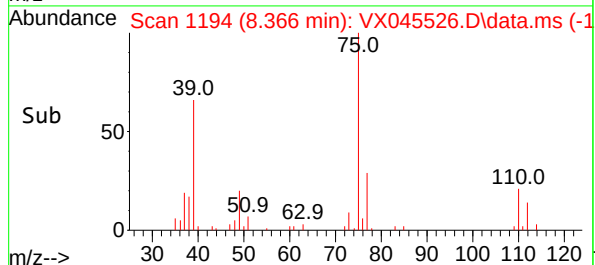
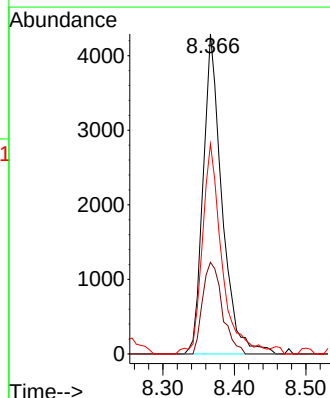
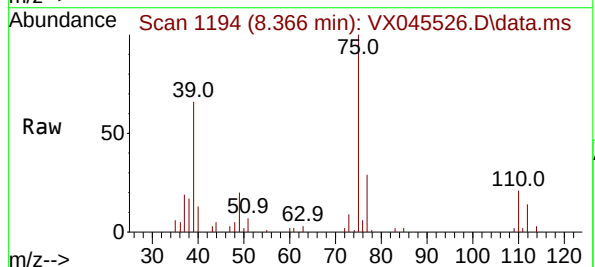
Tgt Ion: 75 Resp: 7873

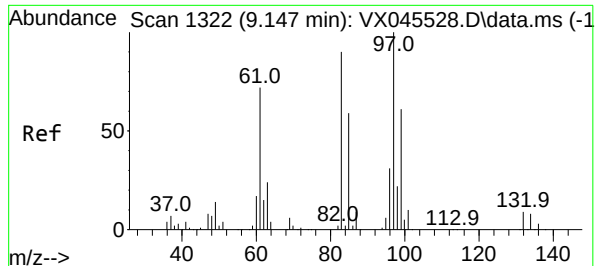
Ion Ratio Lower Upper

75 100

77 28.6 24.6 36.8

39 64.4 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 4.898 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 574

Ion Ratio Lower Upper

97 100

83 96.8 71.8 107.8

85 52.9 47.0 70.6

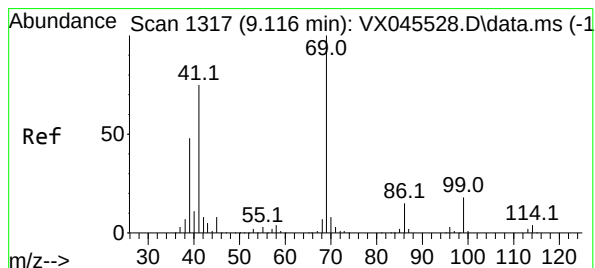
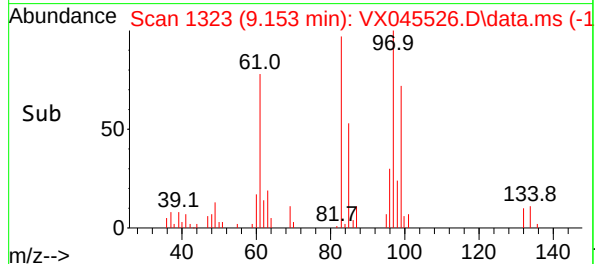
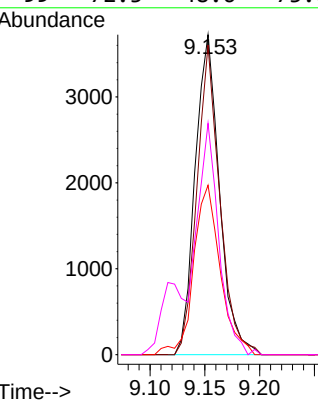
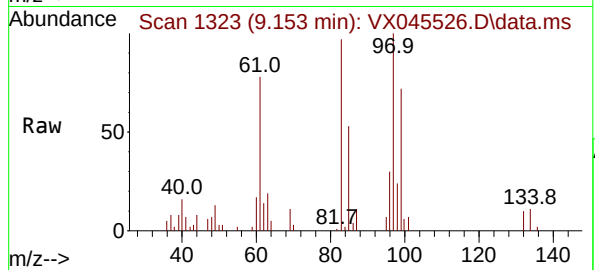
99 72.3 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#56

Ethyl methacrylate

Concen: 4.417 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

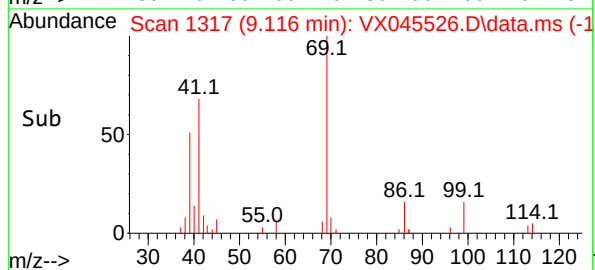
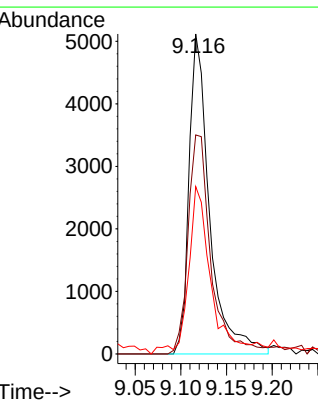
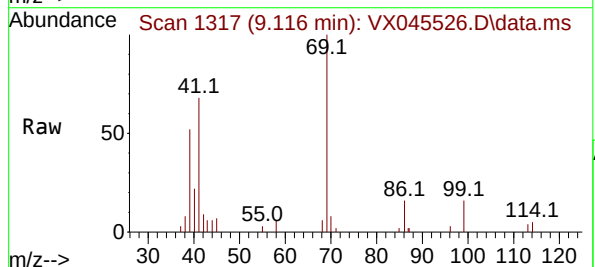
Tgt Ion: 69 Resp: 8012

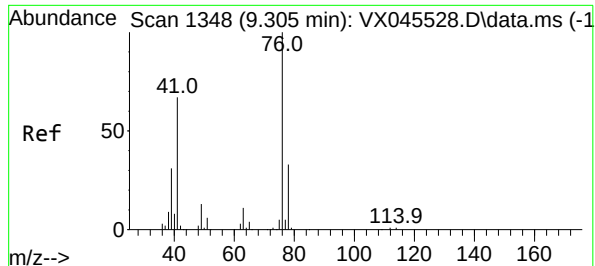
Ion Ratio Lower Upper

69 100

41 75.8 61.3 91.9

39 58.5 40.2 60.2





#57

1,3-Dichloropropane

Concen: 5.002 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 10208

Ion Ratio Lower Upper

76 100

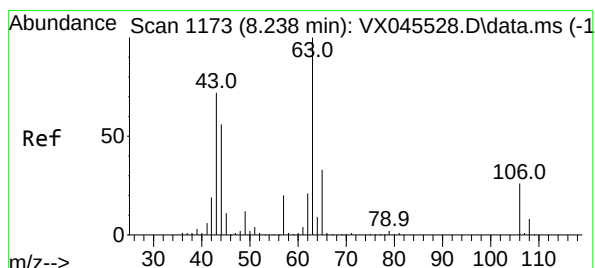
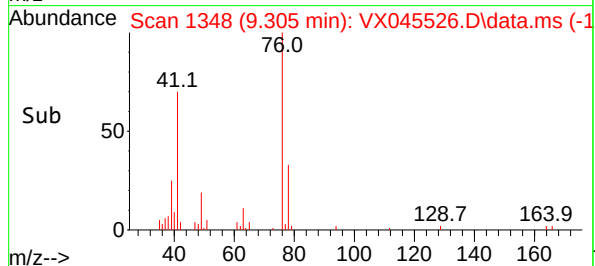
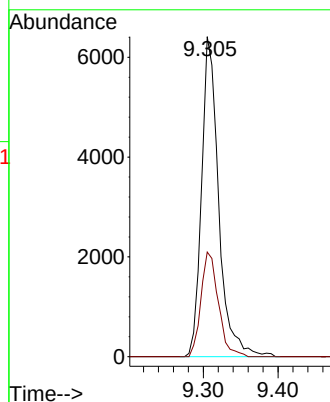
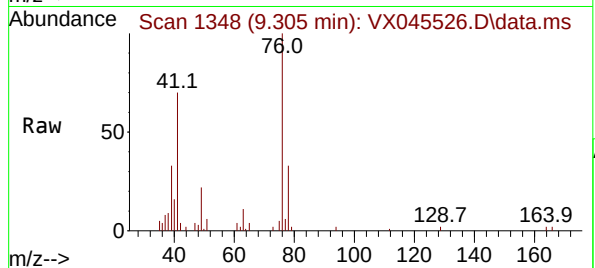
78 33.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 23.302 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX045526.D

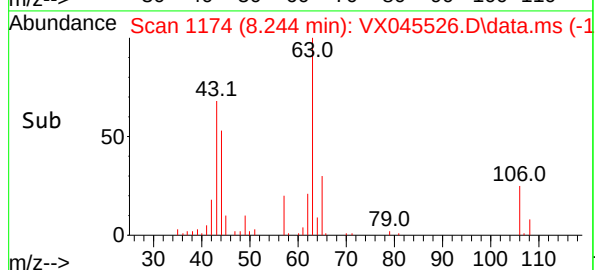
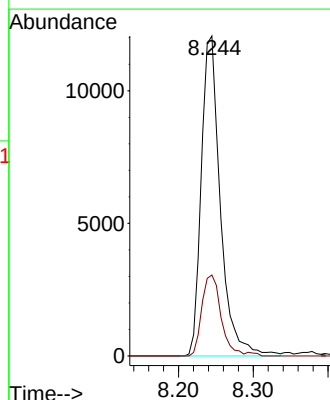
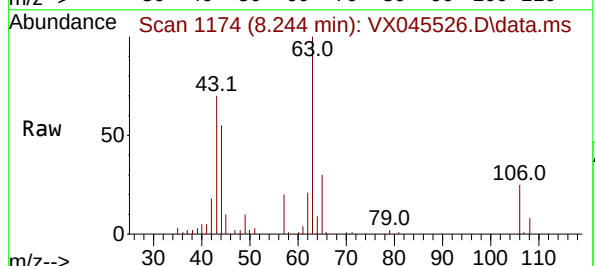
Acq: 01 Apr 2025 17:29

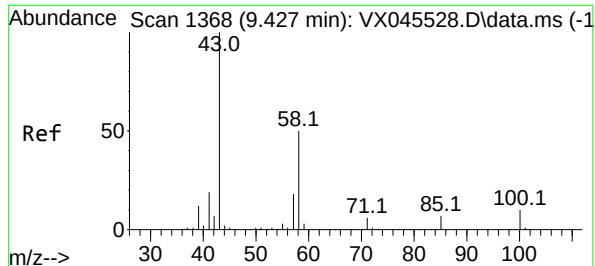
Tgt Ion: 63 Resp: 21382

Ion Ratio Lower Upper

63 100

106 25.8 21.0 31.6





#59

2-Hexanone

Concen: 23.875 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 35628

Ion Ratio Lower Upper

43 100

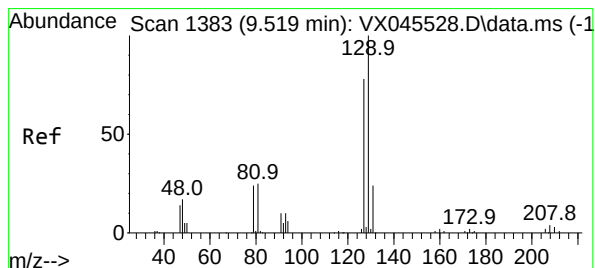
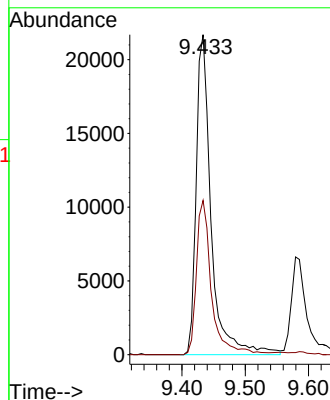
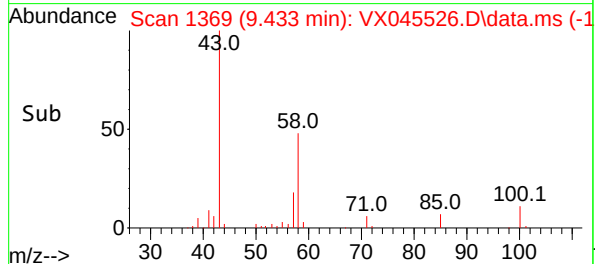
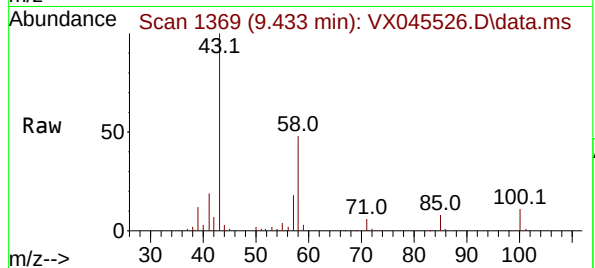
58 48.7 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#60

Dibromochloromethane

Concen: 4.582 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045526.D

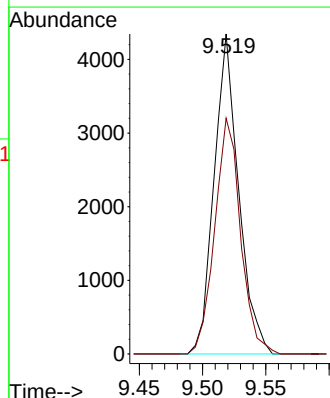
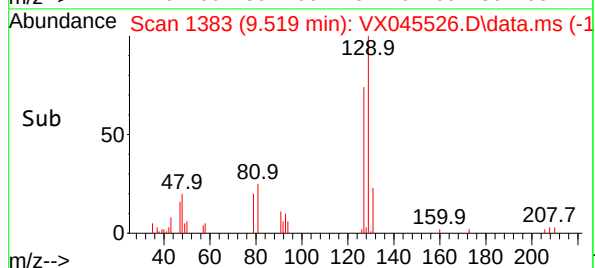
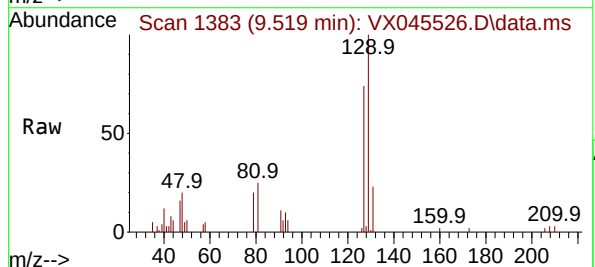
Acq: 01 Apr 2025 17:29

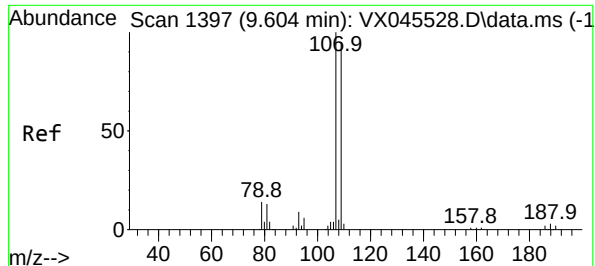
Tgt Ion:129 Resp: 5855

Ion Ratio Lower Upper

129 100

127 77.5 39.4 118.2





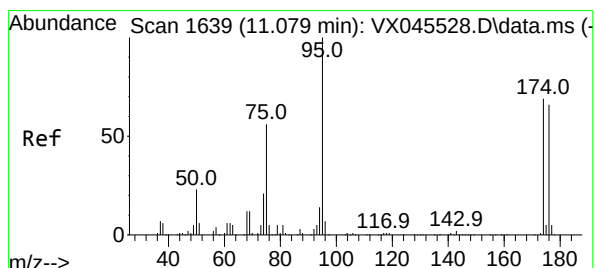
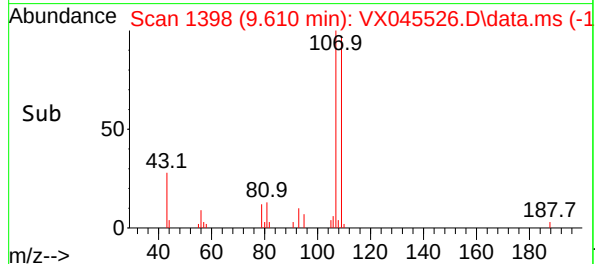
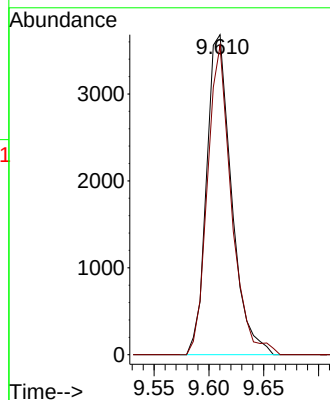
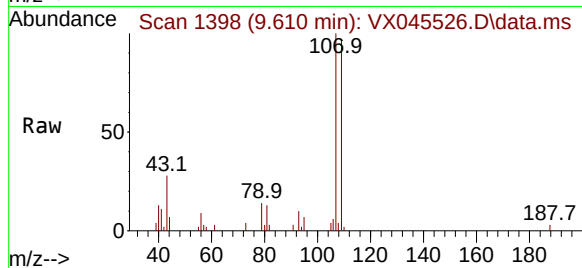
#61
1,2-Dibromoethane
Concen: 4.920 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 583
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5

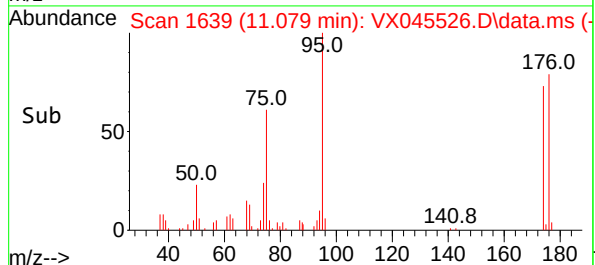
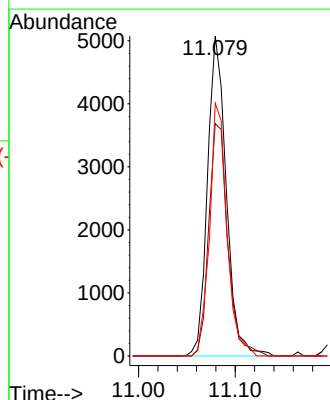
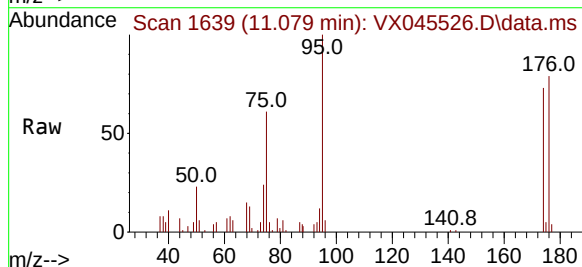
Manual Integrations
APPROVED

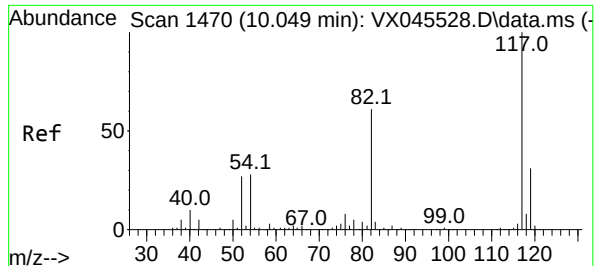
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#62
4-Bromofluorobenzene
Concen: 4.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

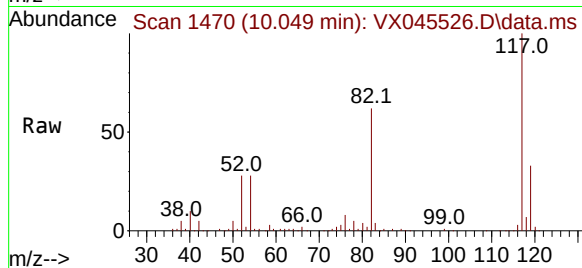
Tgt Ion: 95 Resp: 6867
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.8
176 73.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

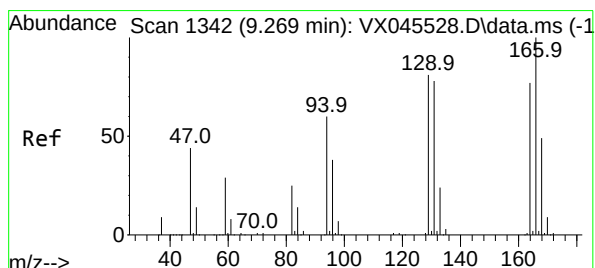
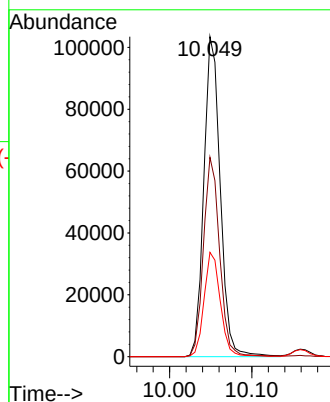
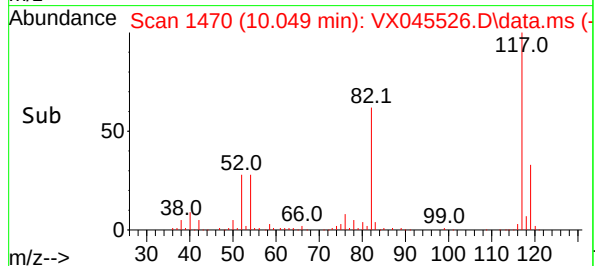
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 14393
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 32.6 25.1 37.7

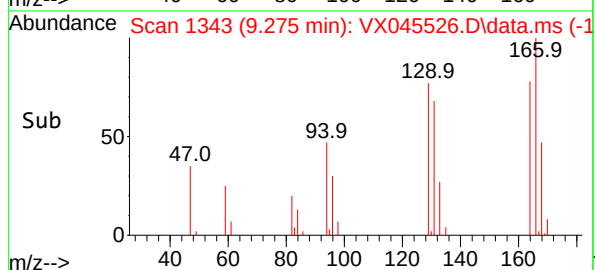
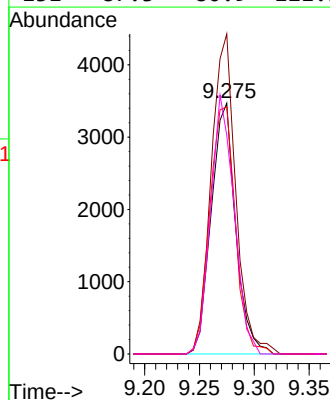
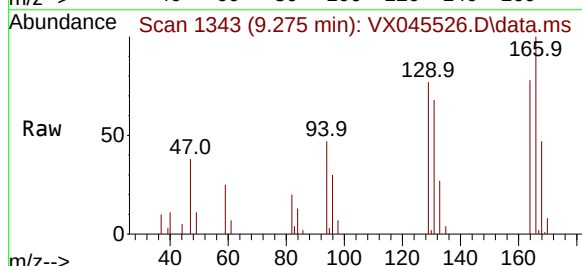
Manual Integrations
APPROVED

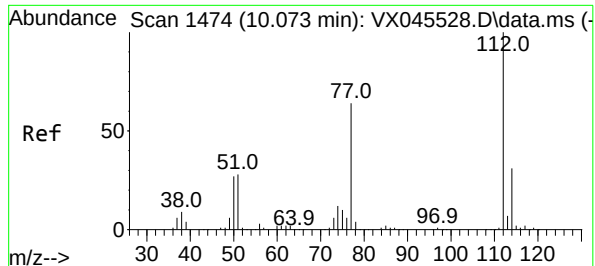
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#64
Tetrachloroethene
Concen: 5.287 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

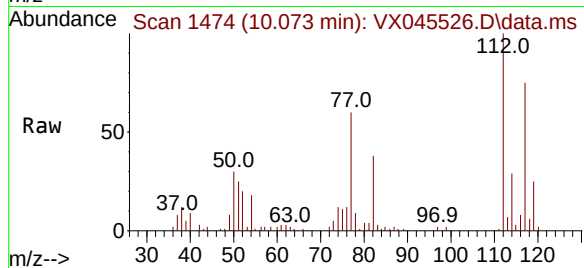
Tgt Ion:164 Resp: 5373
Ion Ratio Lower Upper
164 100
166 127.6 103.8 155.8
129 98.6 84.3 126.5
131 87.3 80.9 121.3





#65
Chlorobenzene
Concen: 4.935 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

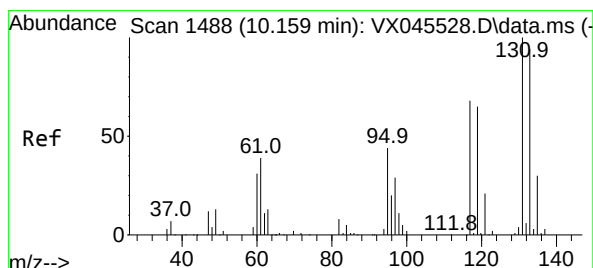
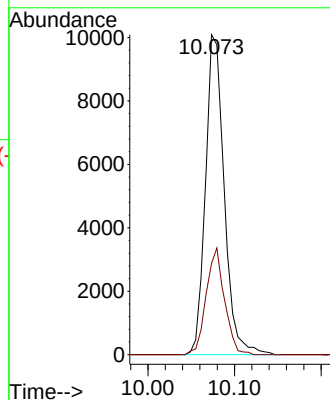
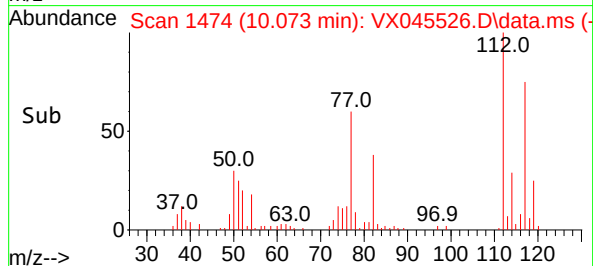
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:112 Resp: 15178
Ion Ratio Lower Upper
112 100
114 28.5 24.7 37.1

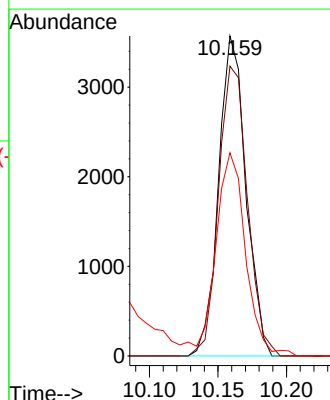
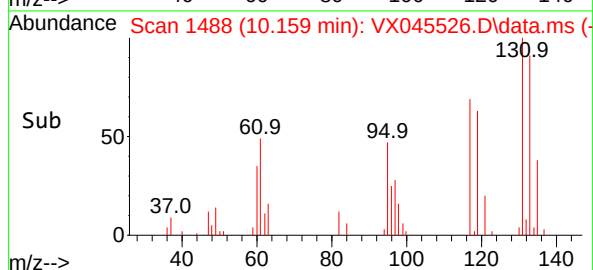
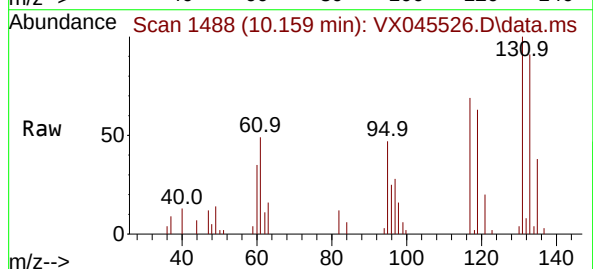
Manual Integrations
APPROVED

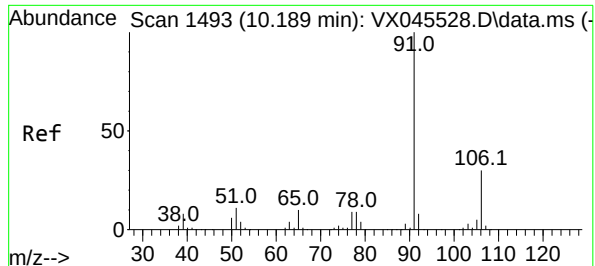
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.631 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:131 Resp: 4945
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 70.0 32.9 98.6





#67

Ethyl Benzene

Concen: 4.753 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 26180

Ion Ratio Lower Upper

91 100

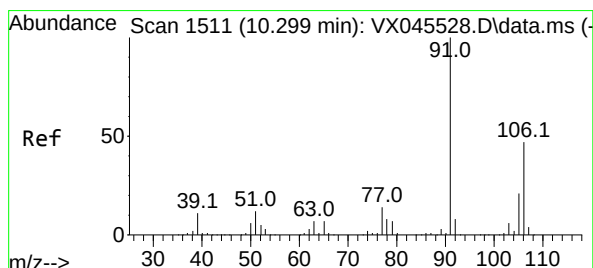
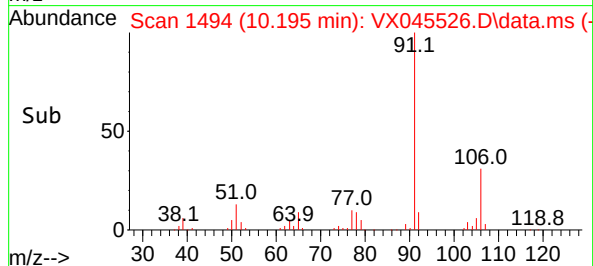
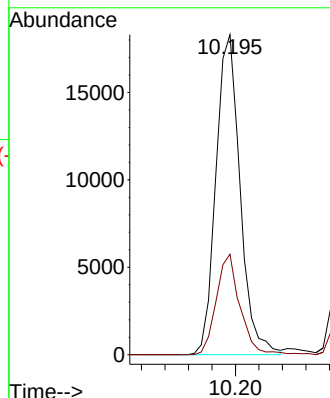
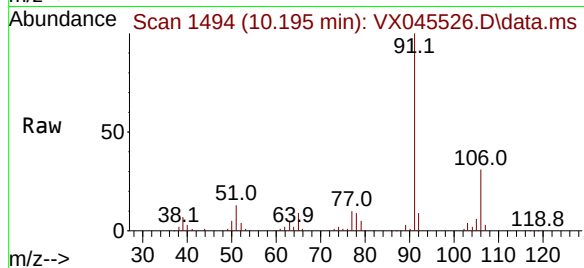
106 31.4 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#68

m/p-Xylenes

Concen: 9.617 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045526.D

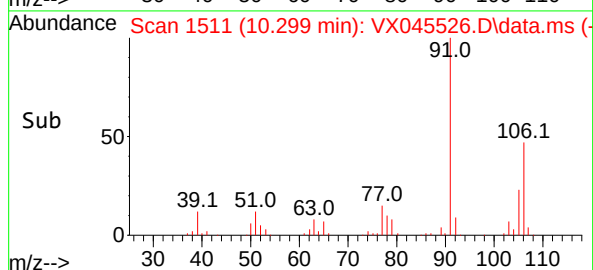
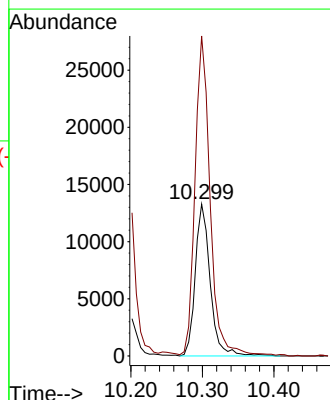
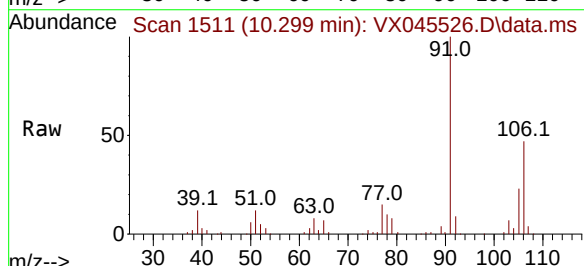
Acq: 01 Apr 2025 17:29

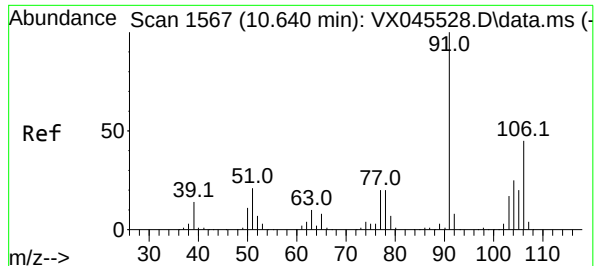
Tgt Ion:106 Resp: 19268

Ion Ratio Lower Upper

106 100

91 213.6 172.6 258.8





#69

o-Xylene

Concen: 4.932 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 9735

Ion Ratio Lower Upper

106 100

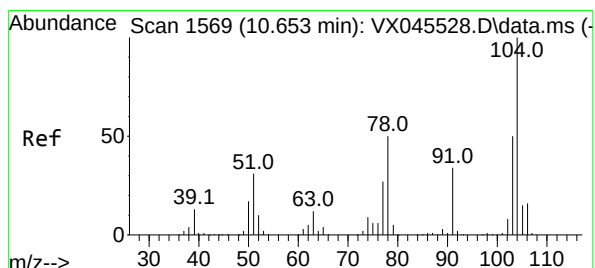
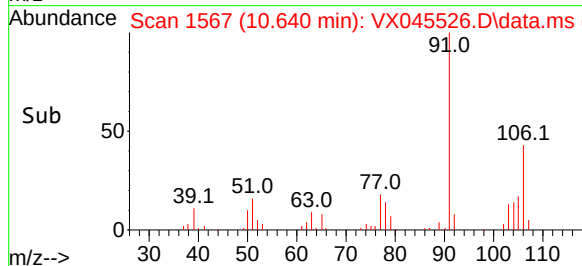
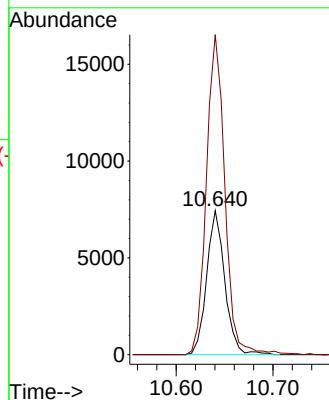
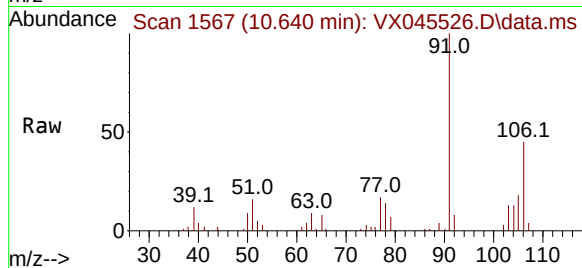
91 225.8 113.6 340.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#70

Styrene

Concen: 4.610 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

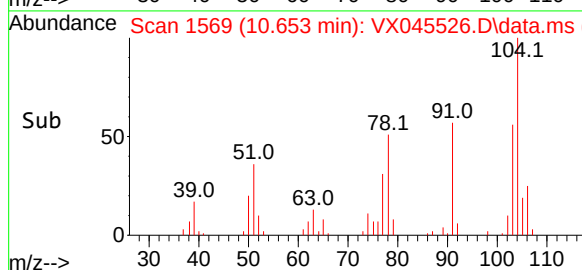
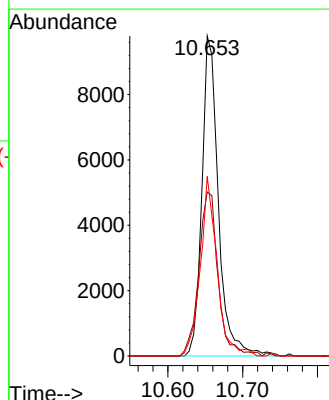
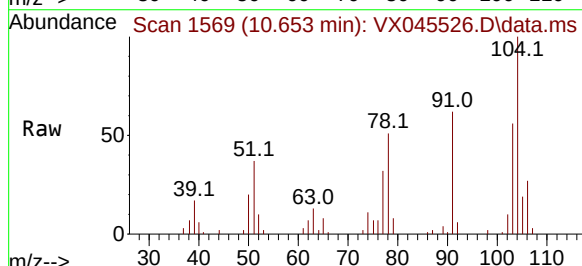
Tgt Ion:104 Resp: 15017

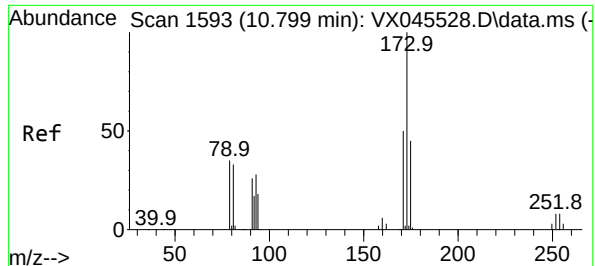
Ion Ratio Lower Upper

104 100

78 59.8 45.4 68.2

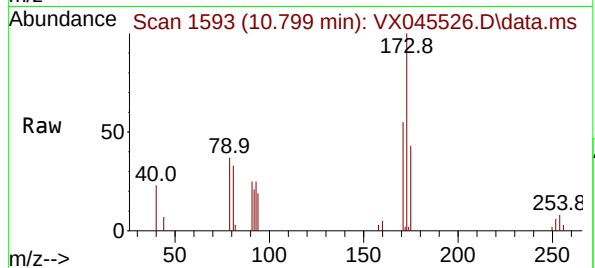
103 57.1 43.8 65.8





#71
Bromoform
Concen: 4.558 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

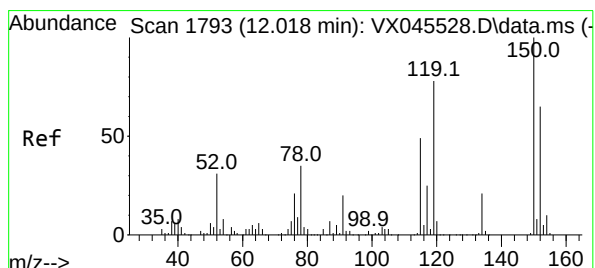
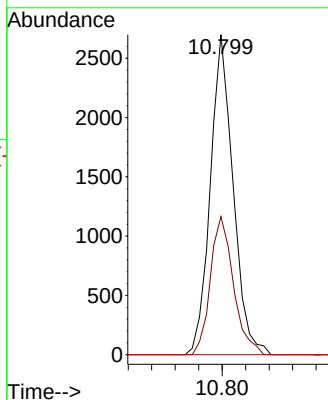
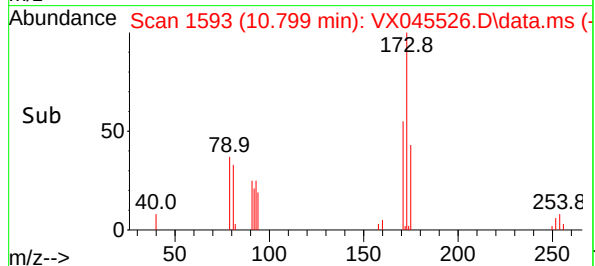
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 3634
Ion Ratio Lower Upper
173 100
175 43.7 23.4 70.2
254 0.0 0.0 0.0

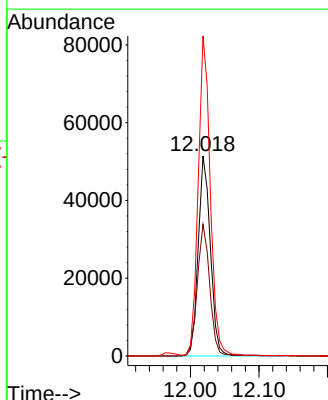
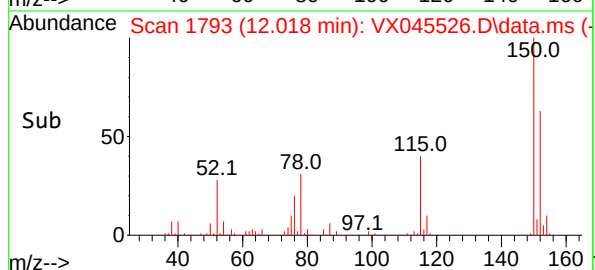
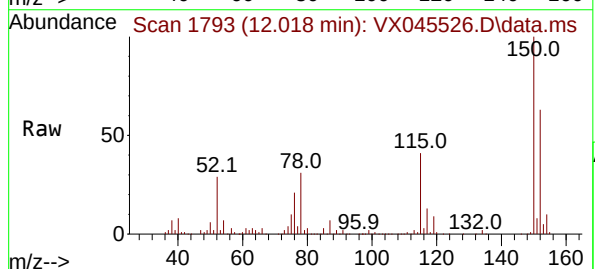
Manual Integrations
APPROVED

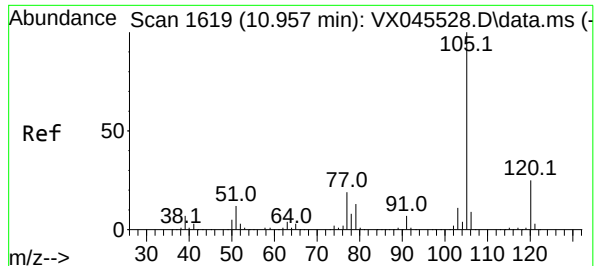
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

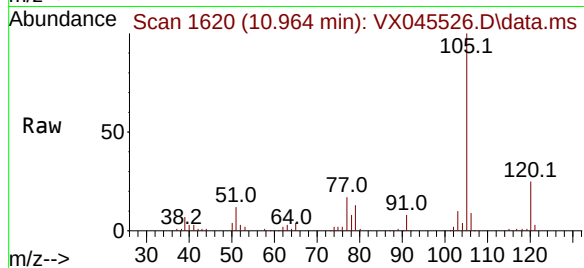
Tgt Ion:152 Resp: 63909
Ion Ratio Lower Upper
152 100
115 66.5 46.9 140.7
150 157.5 0.0 349.4





#73
Isopropylbenzene
Concen: 4.806 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

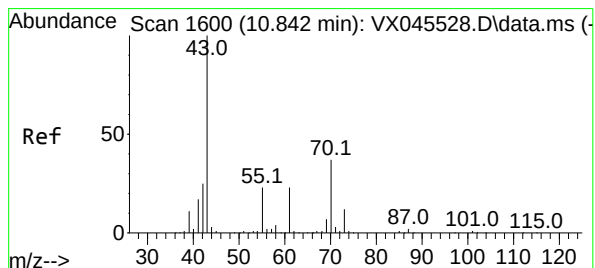
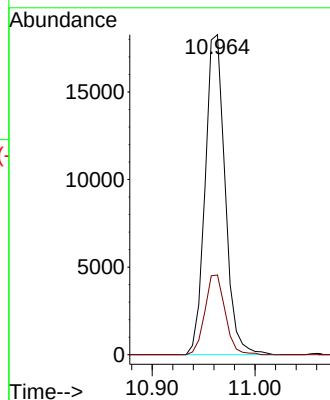
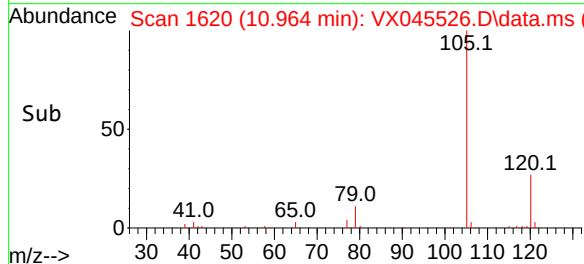
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 105 Resp: 24604
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

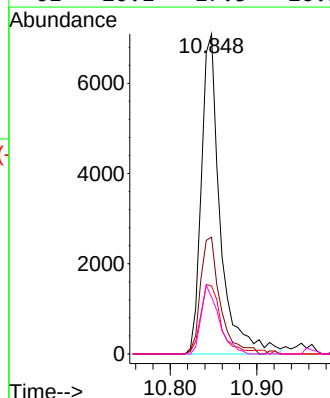
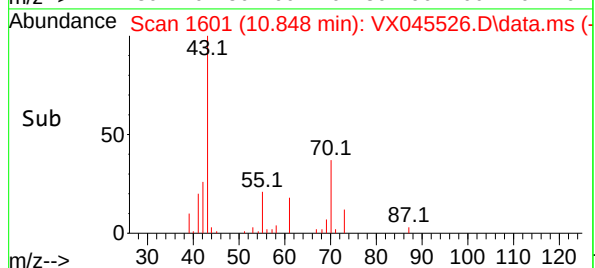
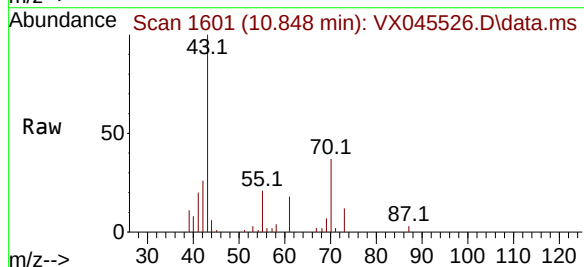
Manual Integrations
APPROVED

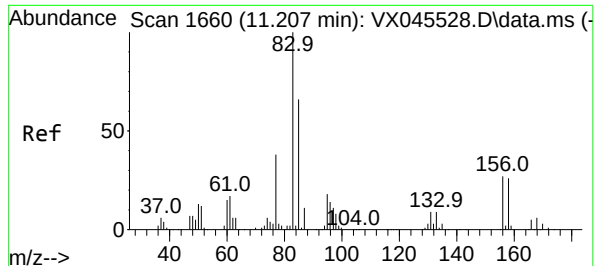
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#74
N-ethyl acetate
Concen: 4.390 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 10750
Ion Ratio Lower Upper
43 100
70 37.8 30.1 45.1
55 23.0 18.3 27.5
61 20.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 5.075 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

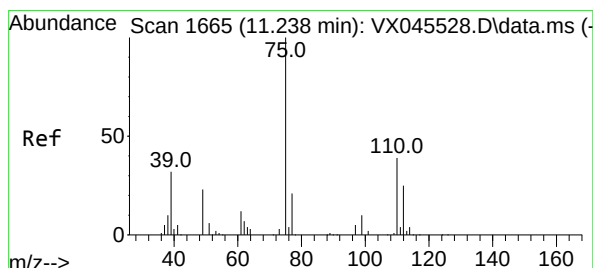
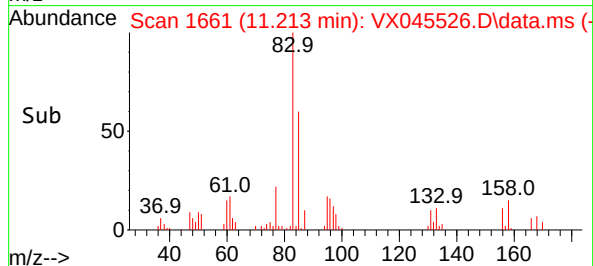
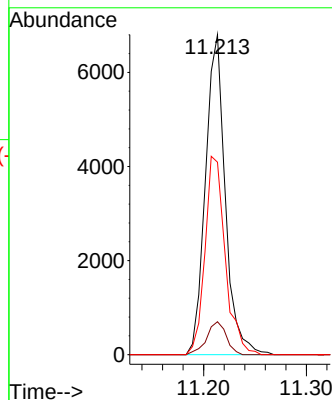
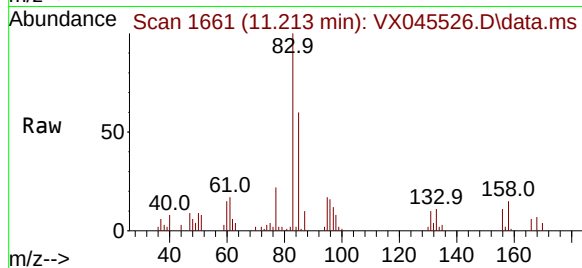
Tgt Ion:	83	Resp:	912
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.7	14.1
85	63.5	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#76

1,2,3-Trichloropropane

Concen: 5.152 ug/l m

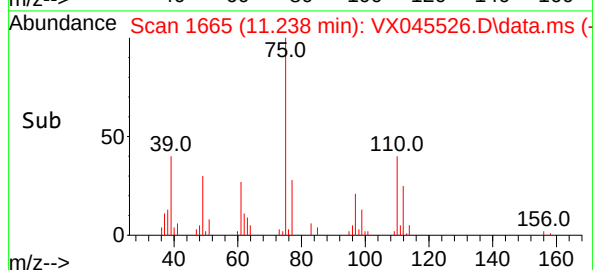
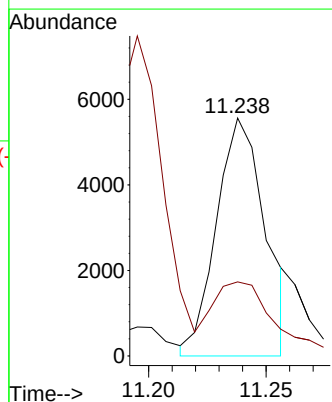
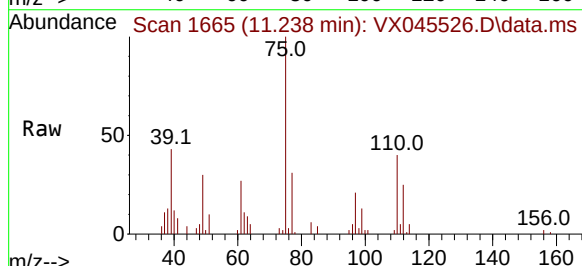
RT: 11.238 min Scan# 1665

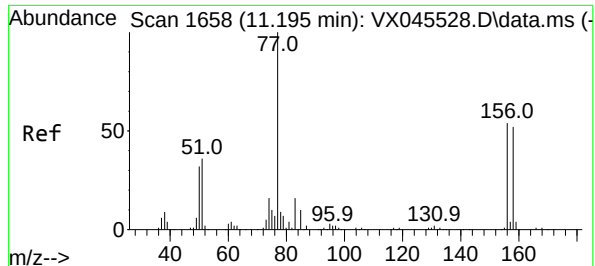
Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

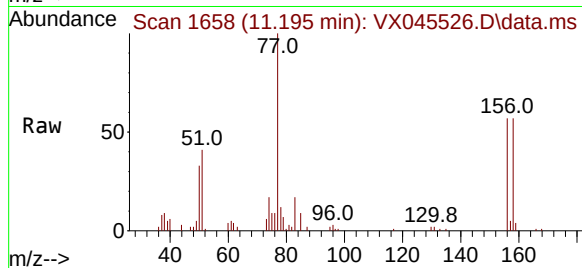
Tgt Ion:	75	Resp:	8032
Ion	Ratio	Lower	Upper
75	100		
77	40.2	20.0	59.9





#77
Bromobenzene
Concen: 5.011 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

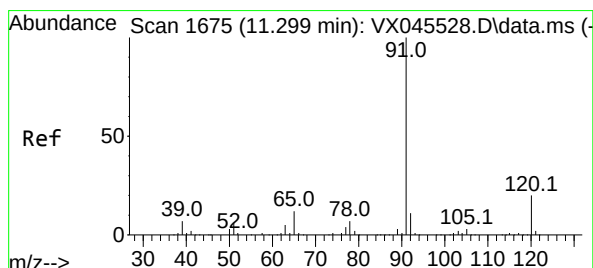
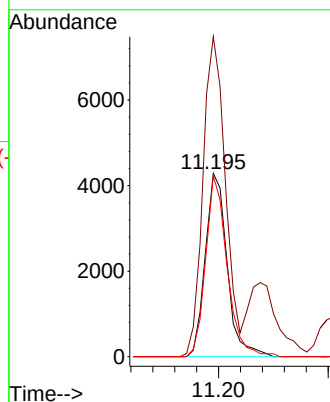
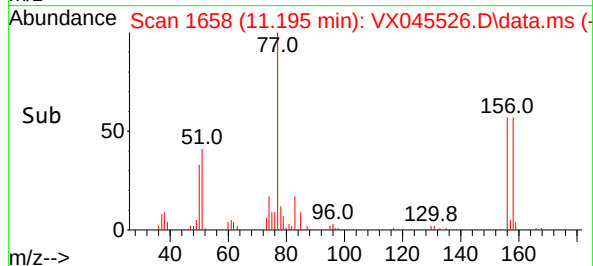
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



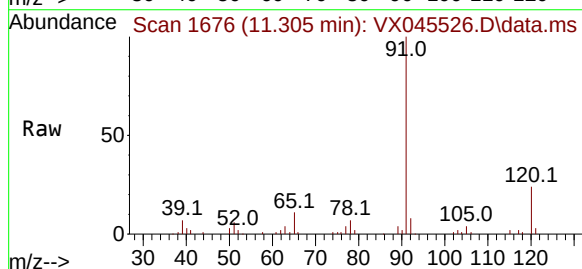
Tgt Ion:156 Resp: 5927
Ion Ratio Lower Upper
156 100
77 178.8 92.6 277.8
158 97.0 48.1 144.4

Manual Integrations
APPROVED

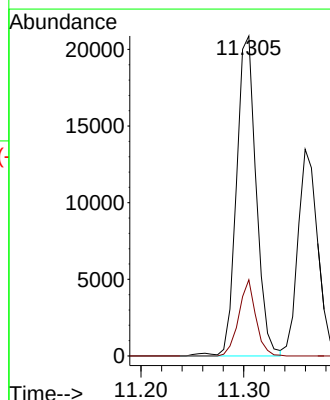
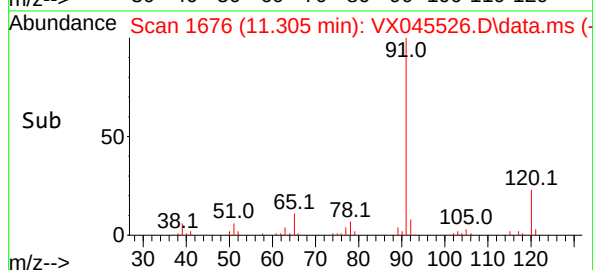
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

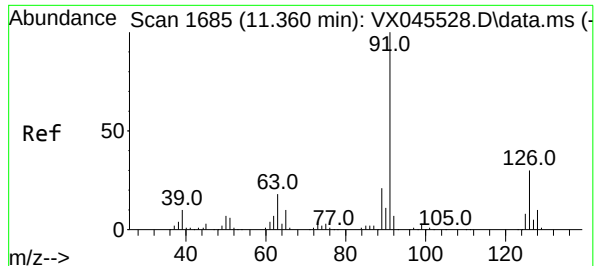


#78
n-propylbenzene
Concen: 4.711 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29



Tgt Ion: 91 Resp: 27777
Ion Ratio Lower Upper
91 100
120 20.6 10.8 32.3





#79

2-Chlorotoluene

Concen: 4.870 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 18358

Ion Ratio Lower Upper

91 100

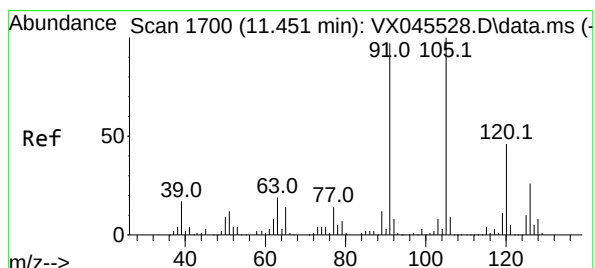
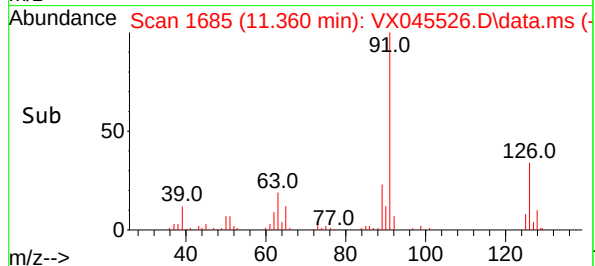
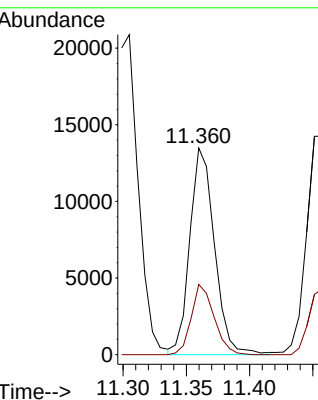
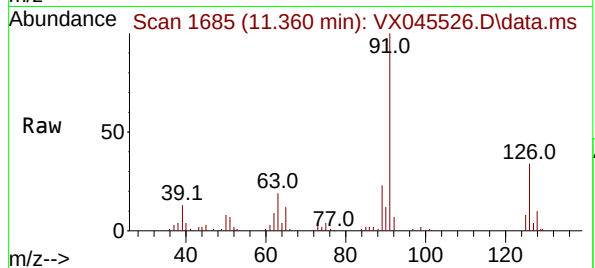
126 31.3 15.8 47.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#80

1,3,5-Trimethylbenzene

Concen: 4.710 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045526.D

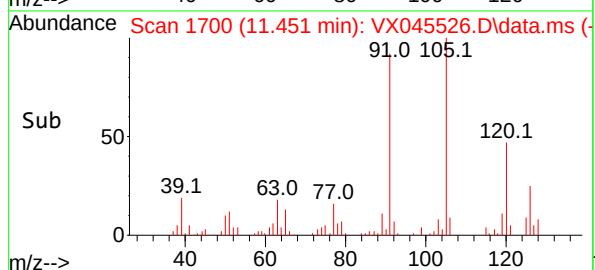
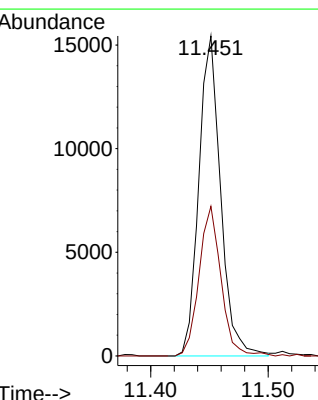
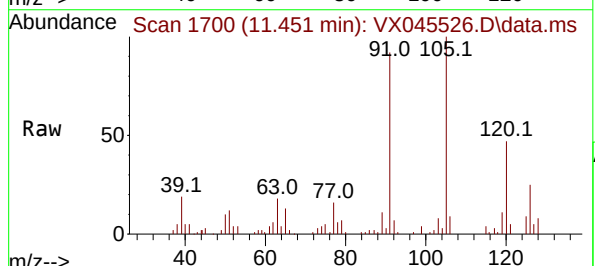
Acq: 01 Apr 2025 17:29

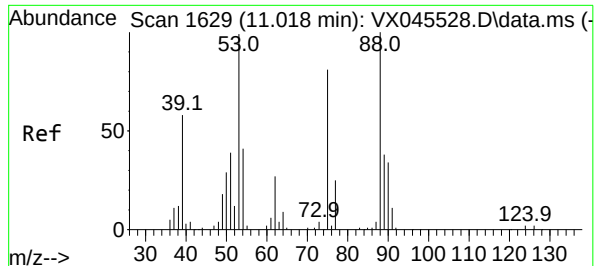
Tgt Ion:105 Resp: 19936

Ion Ratio Lower Upper

105 100

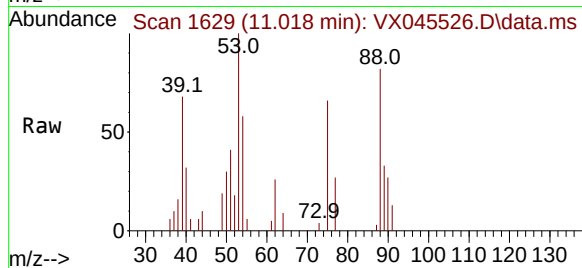
120 47.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.814 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

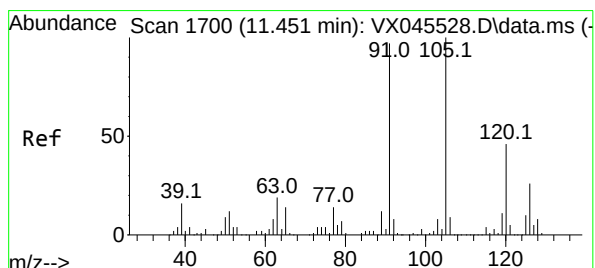
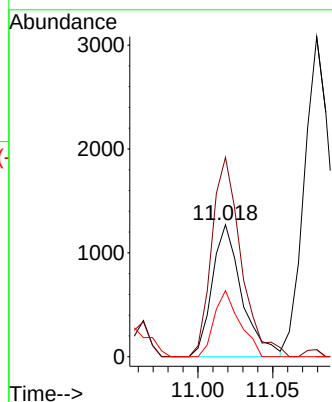
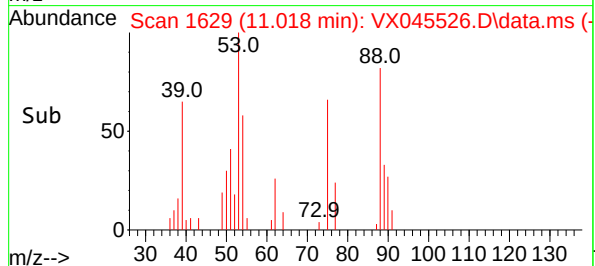
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 1752
Ion Ratio Lower Upper
75 100
53 149.1 101.8 152.6
89 43.1 37.2 55.8

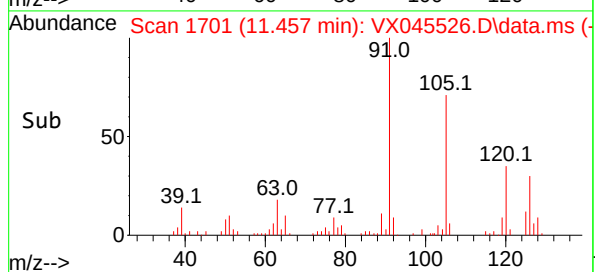
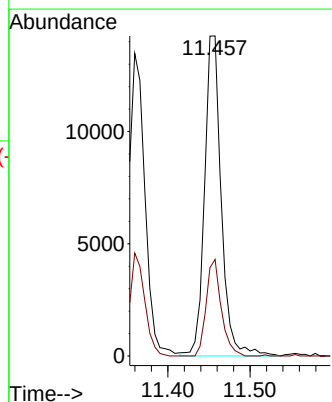
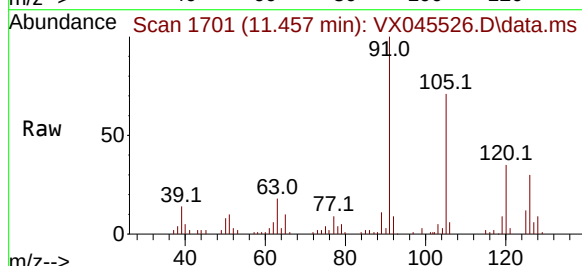
Manual Integrations
APPROVED

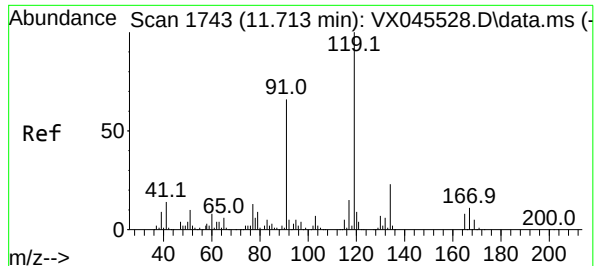
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#82
4-Chlorotoluene
Concen: 4.799 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 91 Resp: 20171
Ion Ratio Lower Upper
91 100
126 27.2 13.3 39.9





#83

tert-Butylbenzene

Concen: 4.763 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:119 Resp: 19962

Ion Ratio Lower Upper

119 100

91 65.7 32.4 97.2

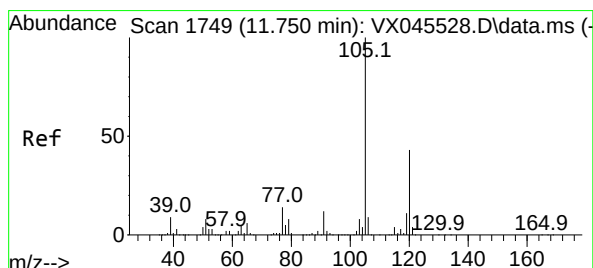
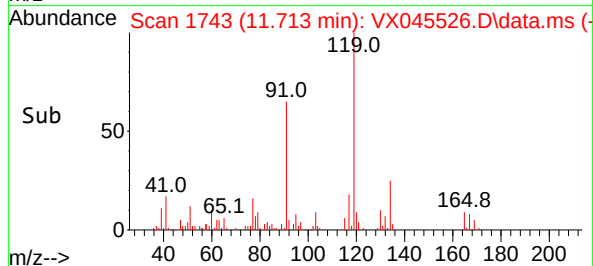
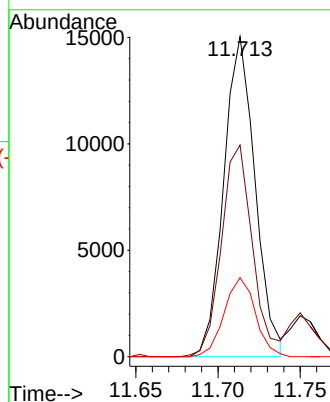
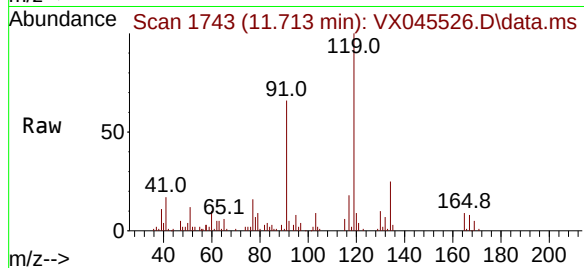
134 24.6 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.707 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045526.D

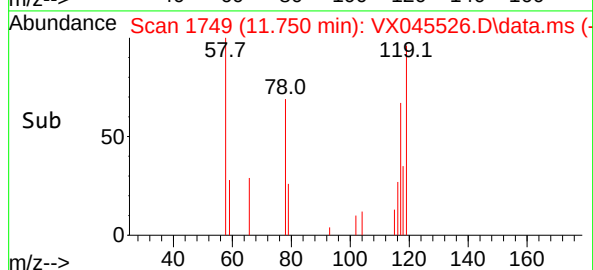
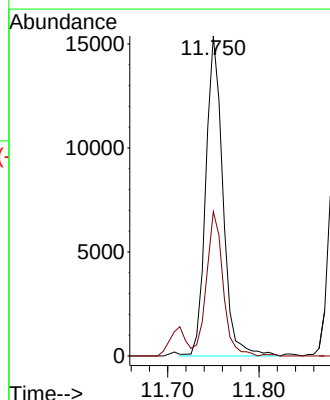
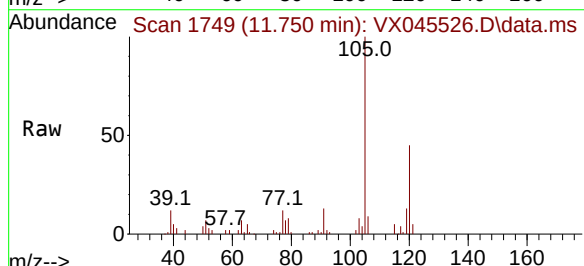
Acq: 01 Apr 2025 17:29

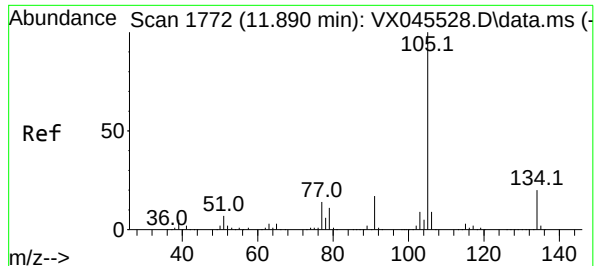
Tgt Ion:105 Resp: 19998

Ion Ratio Lower Upper

105 100

120 43.5 21.4 64.3





#85

sec-Butylbenzene

Concen: 4.753 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 2446

Ion Ratio Lower Upper

105 100

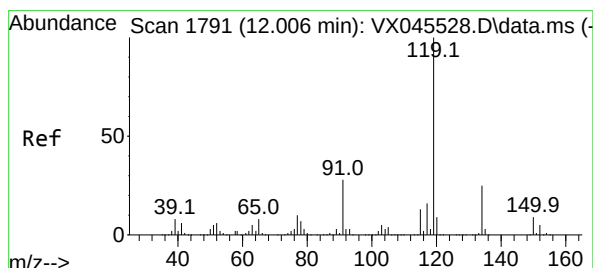
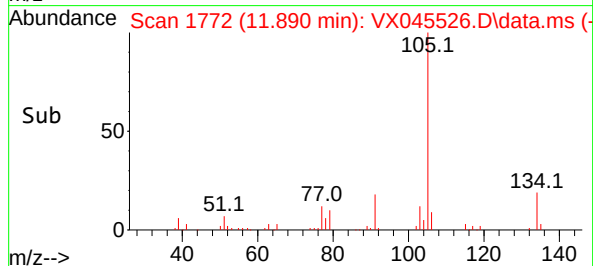
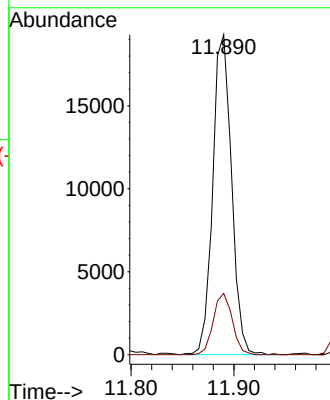
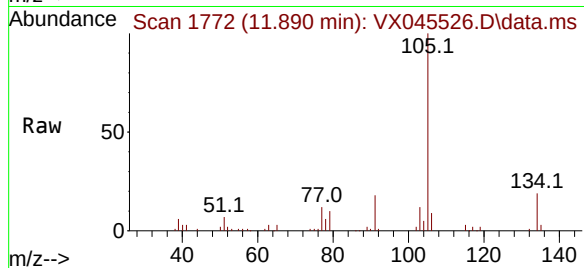
134 19.3 9.6 28.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#86

p-Isopropyltoluene

Concen: 4.755 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

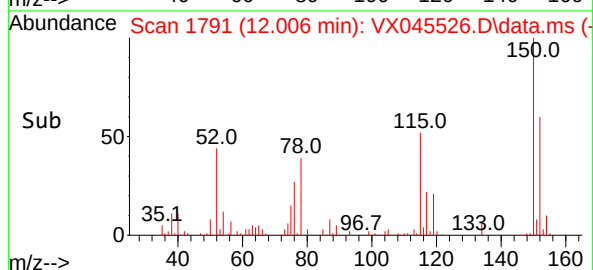
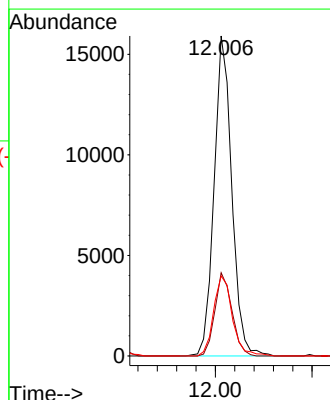
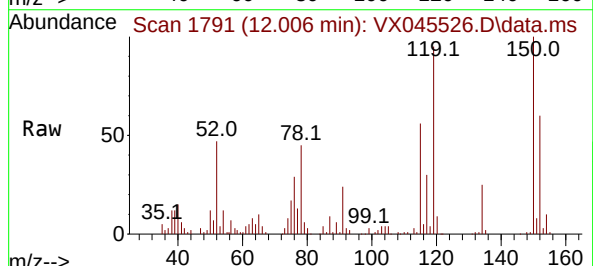
Tgt Ion:119 Resp: 20178

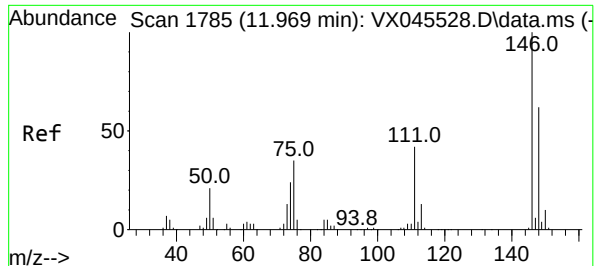
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

91 26.4 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 4.763 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

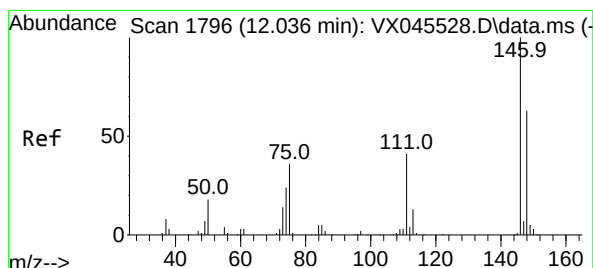
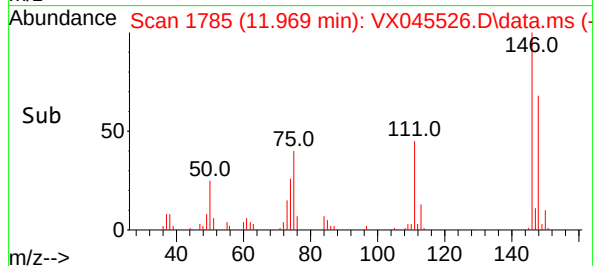
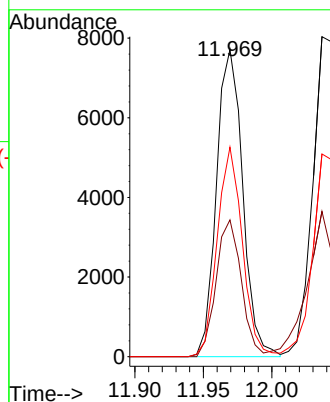
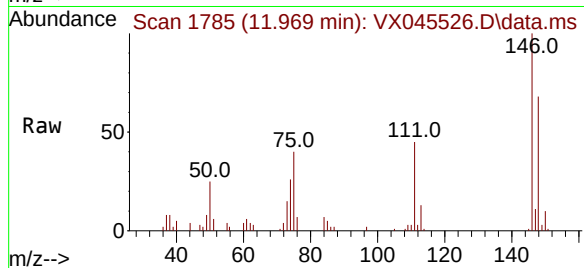
Tgt Ion:	146	Resp:	1025
Ion Ratio	Lower	Upper	
146	100		
111	42.9	22.2	66.6
148	65.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#88

1,4-Dichlorobenzene

Concen: 5.047 ug/l

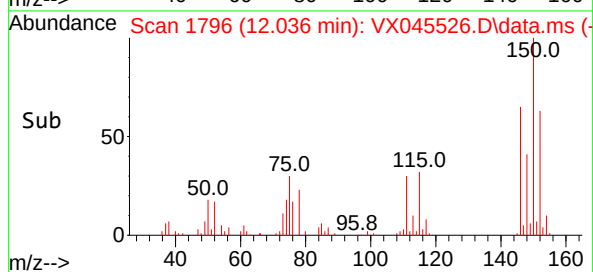
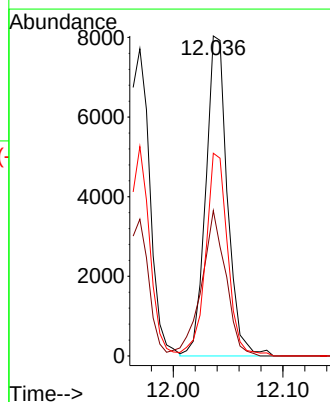
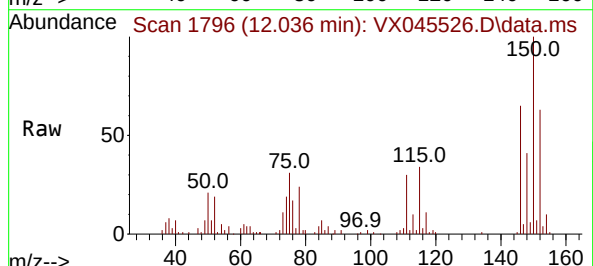
RT: 12.036 min Scan# 1796

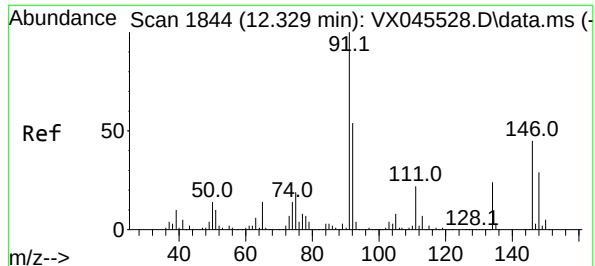
Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Tgt Ion:	146	Resp:	11016
Ion Ratio	Lower	Upper	
146	100		
111	51.4	20.9	62.8
148	64.2	31.5	94.5





#89

n-Butylbenzene

Concen: 4.317 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 1588

Ion Ratio Lower Upper

91 100

92 52.1 26.9 80.6

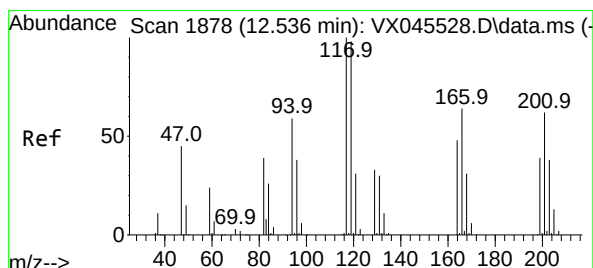
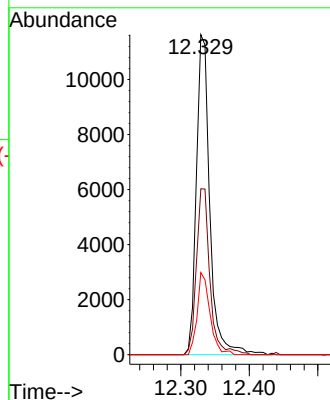
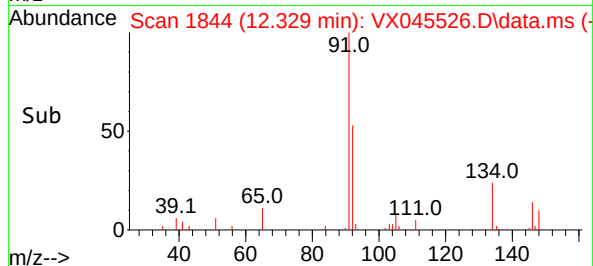
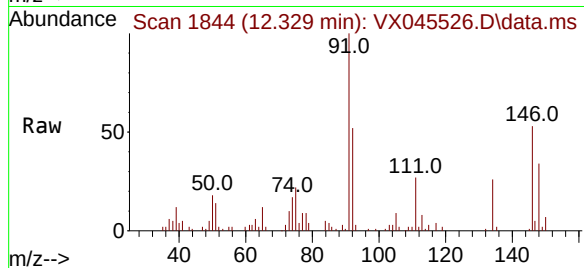
134 24.4 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#90

Hexachloroethane

Concen: 4.320 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045526.D

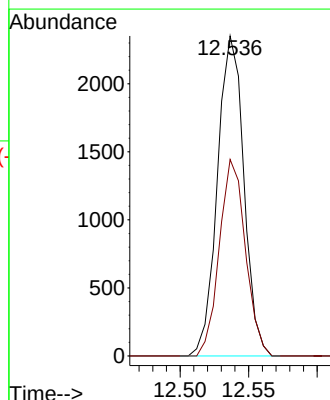
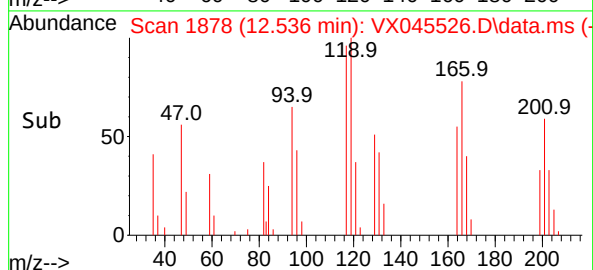
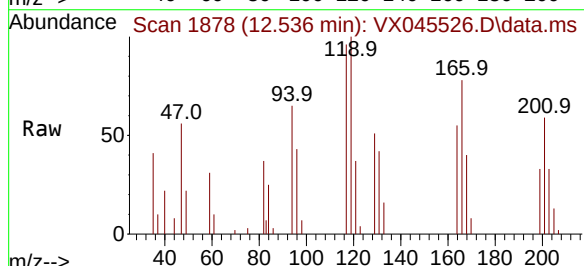
Acq: 01 Apr 2025 17:29

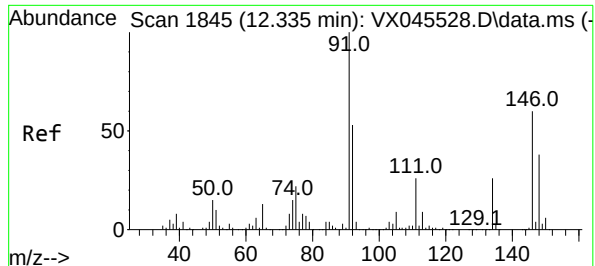
Tgt Ion:117 Resp: 3151

Ion Ratio Lower Upper

117 100

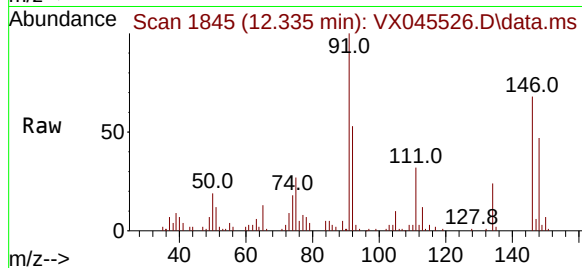
201 60.6 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 4.910 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

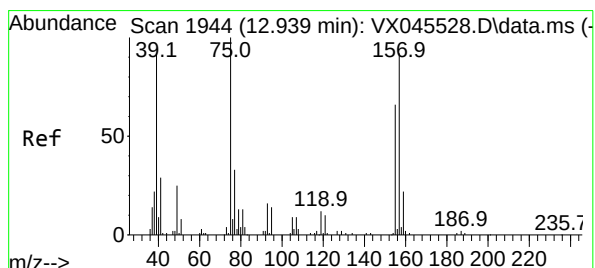
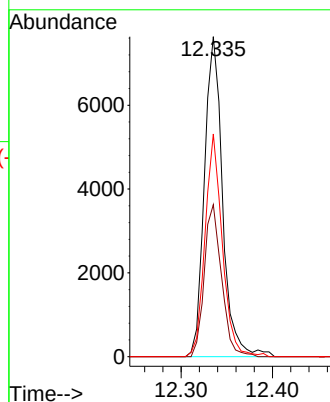
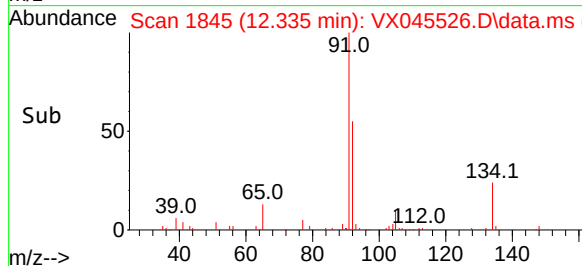
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:146 Resp: 10510
Ion Ratio Lower Upper
146 100
111 45.2 22.9 68.8
148 66.3 31.9 95.5

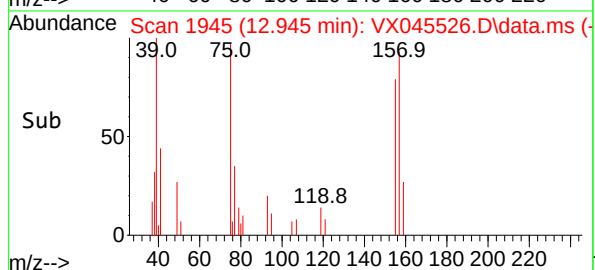
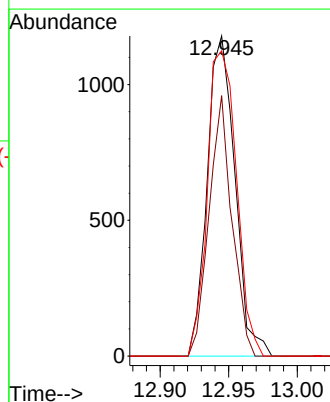
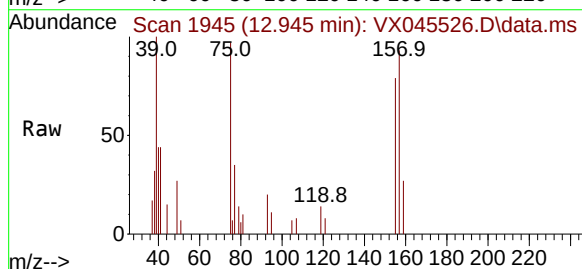
Manual Integrations
APPROVED

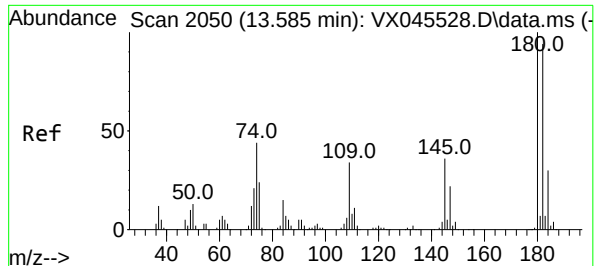
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.417 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 75 Resp: 1661
Ion Ratio Lower Upper
75 100
155 67.3 34.9 104.7
157 100.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.524 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

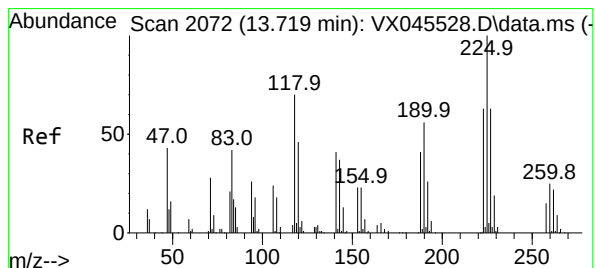
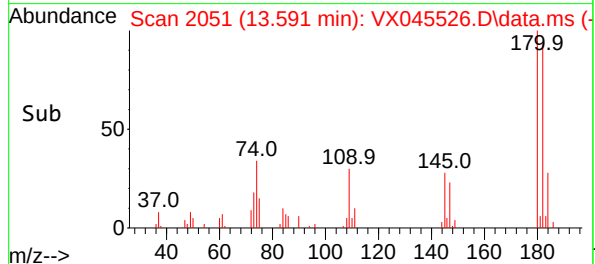
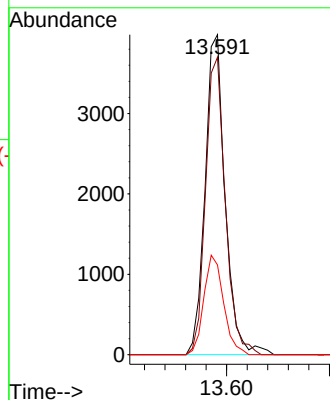
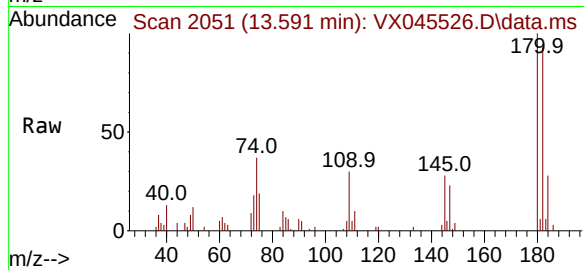
Tgt Ion:180	Resp:	539
Ion Ratio	Lower	Upper
180	100	
182	91.7	47.9 143.6
145	30.7	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#94

Hexachlorobutadiene

Concen: 4.836 ug/l

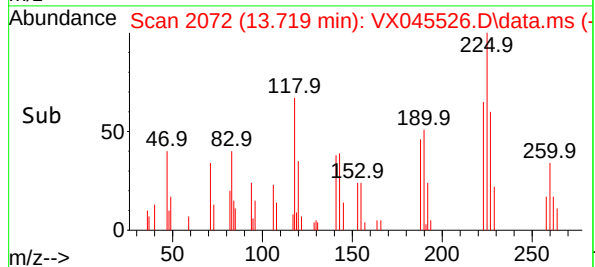
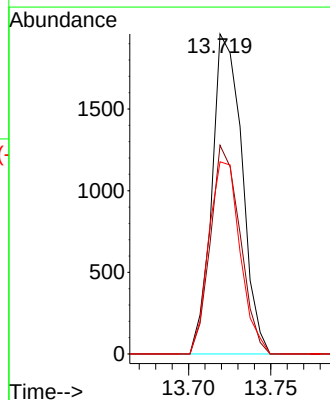
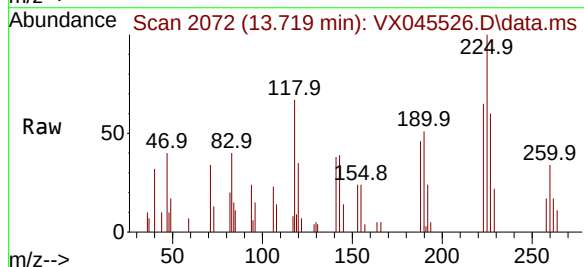
RT: 13.719 min Scan# 2072

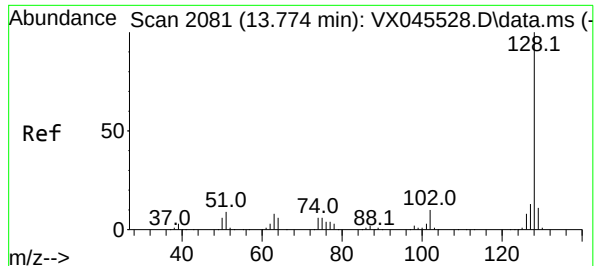
Delta R.T. 0.000 min

Lab File: VX045526.D

Acq: 01 Apr 2025 17:29

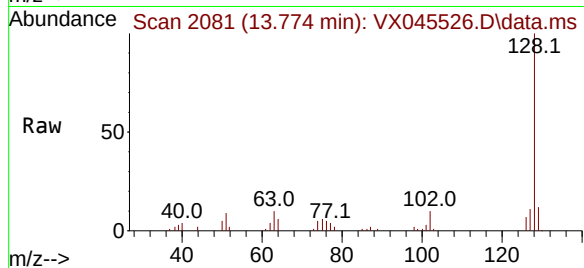
Tgt Ion:225	Resp:	2483
Ion Ratio	Lower	Upper
225	100	
223	64.4	31.1 93.3
227	62.8	32.2 96.6





#95
Naphthalene
Concen: 4.424 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

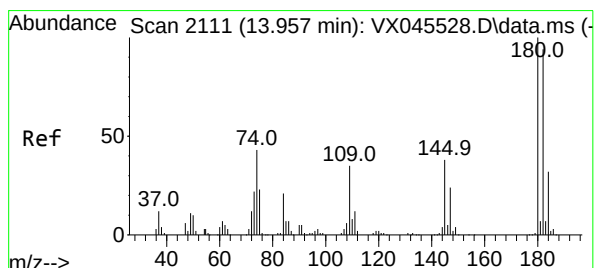
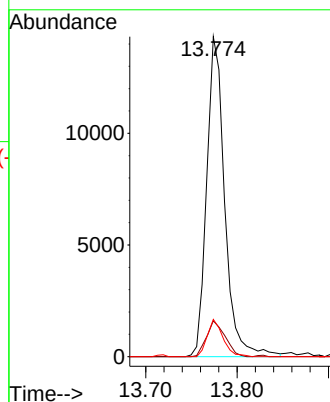
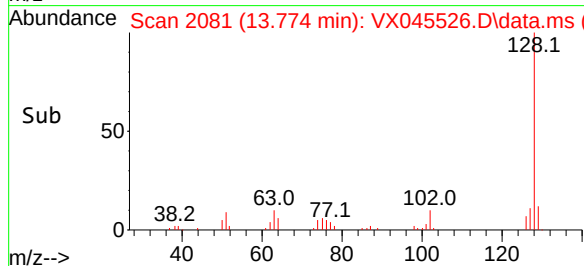
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 19618
Ion Ratio Lower Upper
128 100
127 11.5 10.3 15.5
129 10.2 8.6 12.8

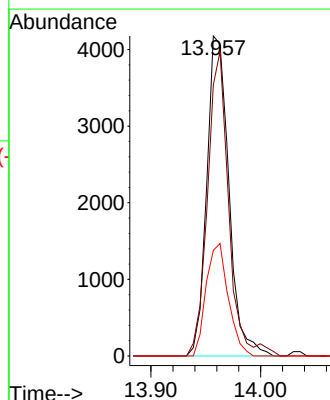
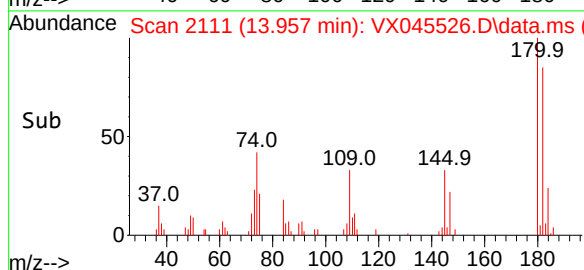
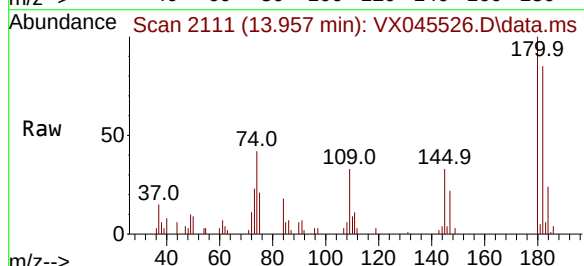
Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.692 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:180 Resp: 5854
Ion Ratio Lower Upper
180 100
182 90.7 47.3 141.8
145 35.2 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045527.D
 Acq On : 01 Apr 2025 17:52
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	90228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	32500	19.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.400%#		
35) Dibromofluoromethane	5.385	113	21963	19.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.520%#		
50) Toluene-d8	8.647	98	79303	19.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.840%#		
62) 4-Bromofluorobenzene	11.079	95	28795	19.858	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25265	18.724	ug/l	97
3) Chloromethane	1.301	50	28034	20.223	ug/l	98
4) Vinyl Chloride	1.374	62	25285	19.931	ug/l	97
5) Bromomethane	1.593	94	11815	19.642	ug/l	99
6) Chloroethane	1.666	64	14071	20.905	ug/l	98
7) Trichlorofluoromethane	1.874	101	38815	20.518	ug/l	98
8) Diethyl Ether	2.136	74	12852	20.235	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22917	20.673	ug/l	95
10) Methyl Iodide	2.441	142	28478	20.596	ug/l	99
11) Tert butyl alcohol	2.983	59	22453	101.253	ug/l	100
12) 1,1-Dichloroethene	2.306	96	22103	20.406	ug/l	96
13) Acrolein	2.239	56	28991	94.938	ug/l	99
14) Allyl chloride	2.660	41	41233	20.063	ug/l	99
15) Acrylonitrile	3.062	53	74487	106.412	ug/l	98
16) Acetone	2.386	43	69788	103.000	ug/l	99
17) Carbon Disulfide	2.502	76	51771	19.352	ug/l	98
18) Methyl Acetate	2.703	43	31190	19.994	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	78284	20.660	ug/l	96
20) Methylene Chloride	2.782	84	26212	20.664	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	22968	20.755	ug/l	92
22) Diisopropyl ether	3.757	45	84046	20.760	ug/l #	81
23) Vinyl Acetate	3.721	43	361881	103.458	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47560	20.772	ug/l	99
25) 2-Butanone	4.556	43	105062	105.931	ug/l	99
26) 2,2-Dichloropropane	4.471	77	28956	19.574	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27425	20.342	ug/l	98
28) Bromochloromethane	4.897	49	22285	20.141	ug/l	100
29) Tetrahydrofuran	5.007	42	66994	104.187	ug/l	99
30) Chloroform	5.093	83	48639	20.646	ug/l	100
31) Cyclohexane	5.458	56	41450	20.478	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	40407	20.270	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30504	19.808	ug/l	98
37) Ethyl Acetate	4.715	43	39163	20.180	ug/l	98
38) Carbon Tetrachloride	5.672	117	33533	20.148	ug/l	94
39) Methylcyclohexane	7.373	83	38303	20.291	ug/l	97
40) Benzene	6.031	78	97667	20.766	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045527.D
 Acq On : 01 Apr 2025 17:52
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21740	21.046	ug/l	97
42) 1,2-Dichloroethane	6.086	62	41733	21.484	ug/l	100
43) Isopropyl Acetate	6.342	43	61222	20.814	ug/l	99
44) Trichloroethene	7.123	130	22918	20.501	ug/l	97
45) 1,2-Dichloropropane	7.428	63	24926	21.241	ug/l	90
46) Dibromomethane	7.580	93	19104	21.207	ug/l	99
47) Bromodichloromethane	7.818	83	37036	20.587	ug/l	99
48) Methyl methacrylate	7.696	41	31247	20.575	ug/l	99
49) 1,4-Dioxane	7.659	88	12104	440.515	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	212645	109.055	ug/l	99
52) Toluene	8.714	92	60357	21.208	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29870	18.764	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	35099	20.762	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	24191	21.331	ug/l	96
56) Ethyl methacrylate	9.116	69	36155	20.600	ug/l	99
57) 1,3-Dichloropropane	9.305	76	41900	21.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	91923	103.534	ug/l	100
59) 2-Hexanone	9.427	43	156999	108.730	ug/l	99
60) Dibromochloromethane	9.519	129	25992	21.023	ug/l	98
61) 1,2-Dibromoethane	9.604	107	24456	21.303	ug/l	99
64) Tetrachloroethene	9.269	164	21379	21.015	ug/l	98
65) Chlorobenzene	10.079	112	64727	21.023	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21447	20.064	ug/l	98
67) Ethyl Benzene	10.189	91	115368	20.921	ug/l	99
68) m/p-Xylenes	10.299	106	84420	42.092	ug/l	99
69) o-Xylene	10.640	106	41803	21.158	ug/l	100
70) Styrene	10.653	104	69290	21.249	ug/l	99
71) Bromoform	10.799	173	15659	19.619	ug/l #	99
73) Isopropylbenzene	10.957	105	110396	21.093	ug/l	100
74) N-amyl acetate	10.842	43	51238	20.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38177	20.764	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32690m	20.510	ug/l	
77) Bromobenzene	11.195	156	24902	20.592	ug/l	100
78) n-propylbenzene	11.299	91	130994	21.729	ug/l	98
79) 2-Chlorotoluene	11.360	91	81817	21.229	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	93328	21.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8435	17.961	ug/l	88
82) 4-Chlorotoluene	11.451	91	90704	21.108	ug/l	99
83) tert-Butylbenzene	11.713	119	89828	20.964	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	92242	21.235	ug/l	100
85) sec-Butylbenzene	11.890	105	112800	21.433	ug/l	100
86) p-Isopropyltoluene	12.006	119	91866	21.173	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45105	20.490	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	46208	20.706	ug/l	99
89) n-Butylbenzene	12.329	91	77739	20.662	ug/l	100
90) Hexachloroethane	12.536	117	14544	19.505	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	45732	20.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8153	21.203	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	24787	20.347	ug/l	98
94) Hexachlorobutadiene	13.725	225	10488	19.979	ug/l	97
95) Naphthalene	13.774	128	94875	20.928	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	26113	20.471	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

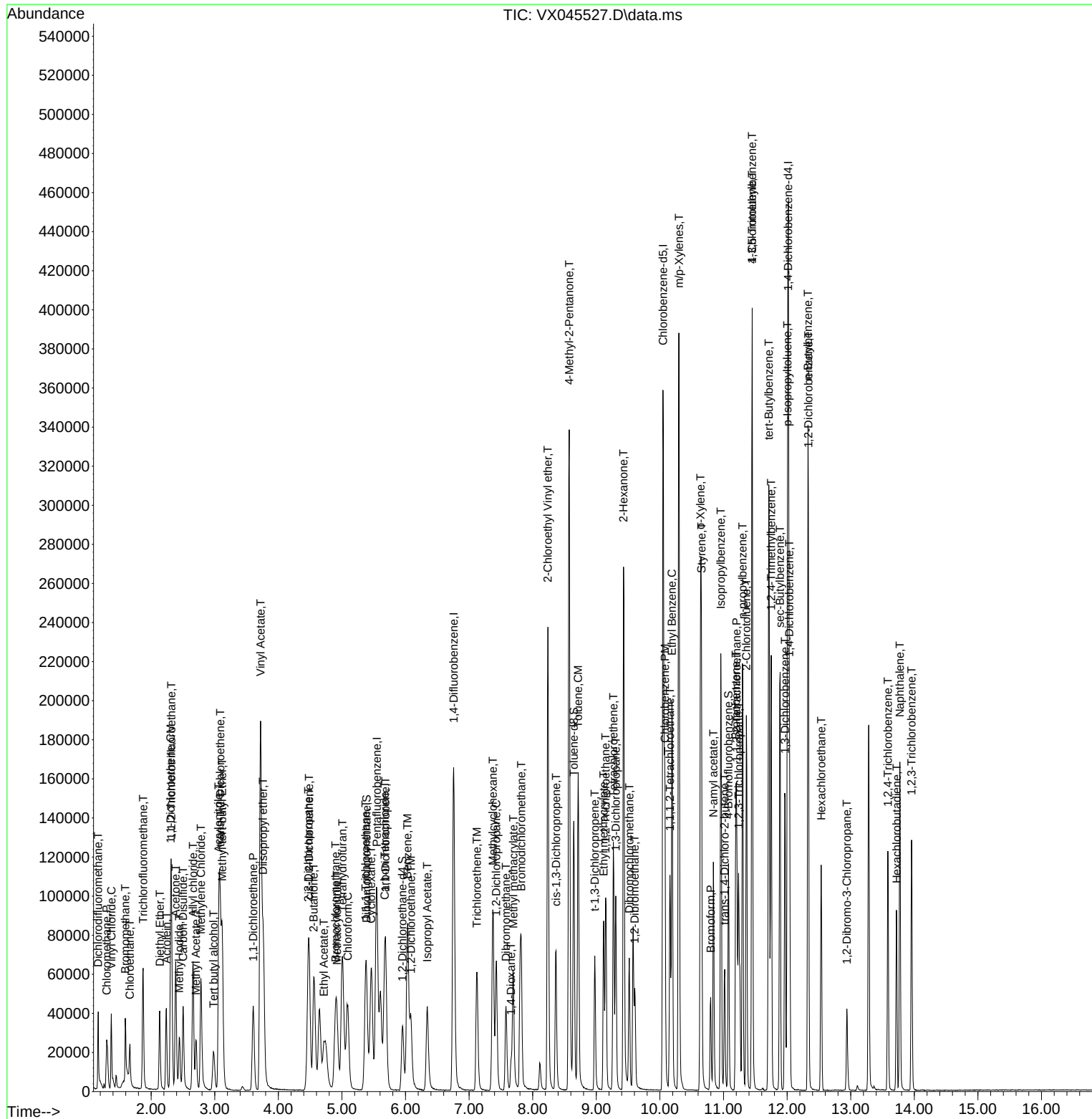
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

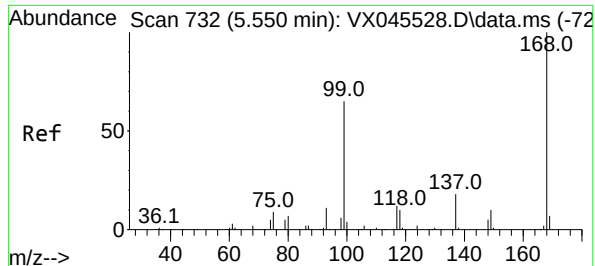
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations

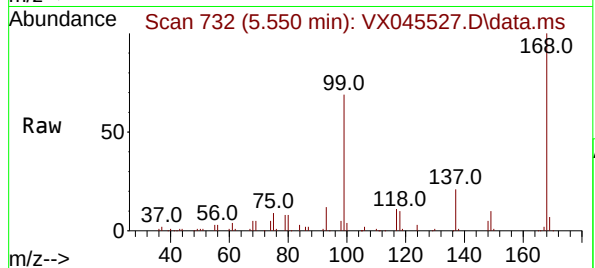
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

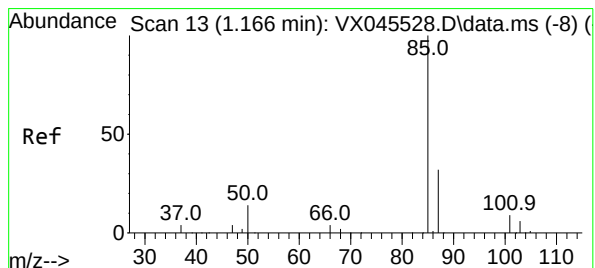
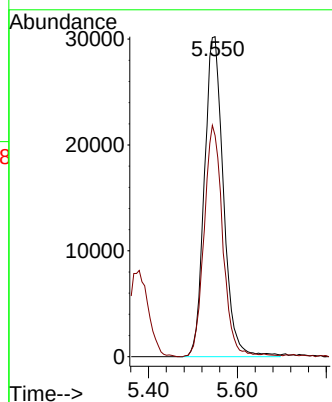
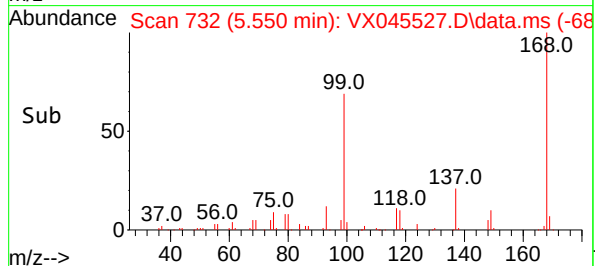
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 168 Resp: 90228
Ion Ratio Lower Upper
168 100
99 69.1 52.3 78.5

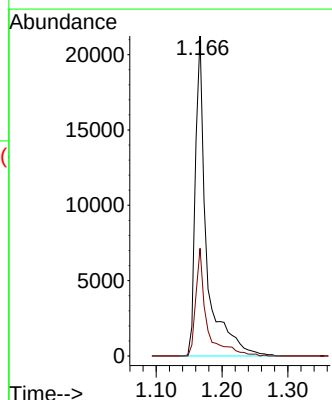
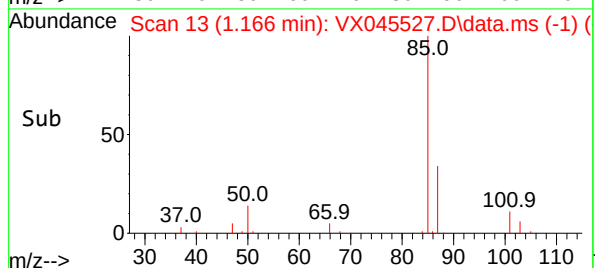
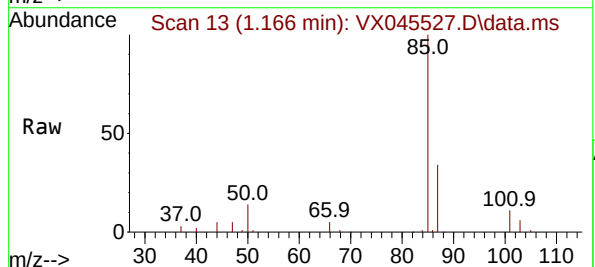
Manual Integrations
APPROVED

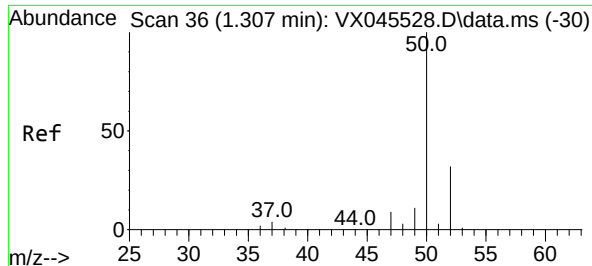
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 18.724 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 85 Resp: 25265
Ion Ratio Lower Upper
85 100
87 33.7 16.1 48.2





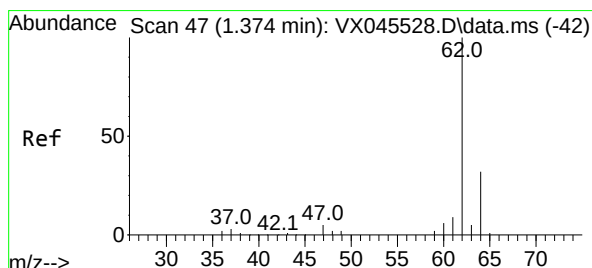
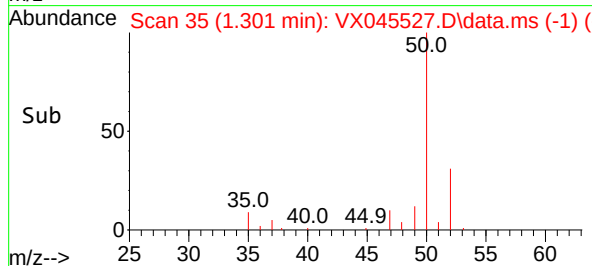
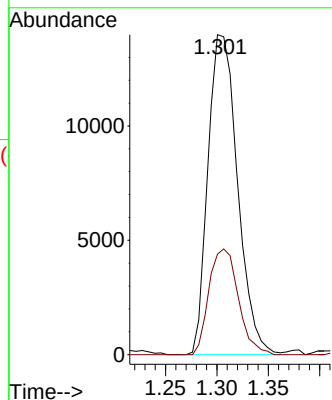
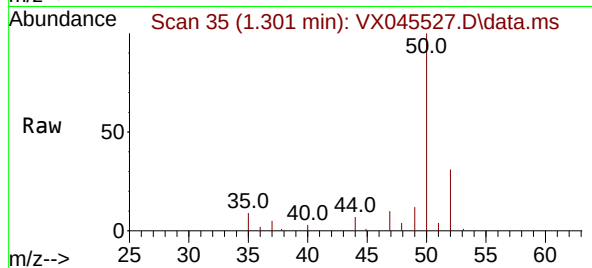
#3
Chloromethane
Concen: 20.223 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 28034
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9

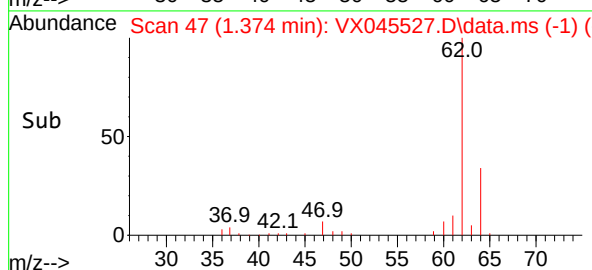
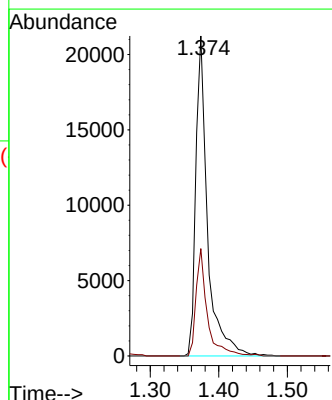
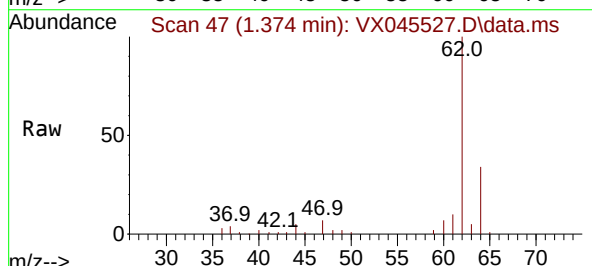
Manual Integrations
APPROVED

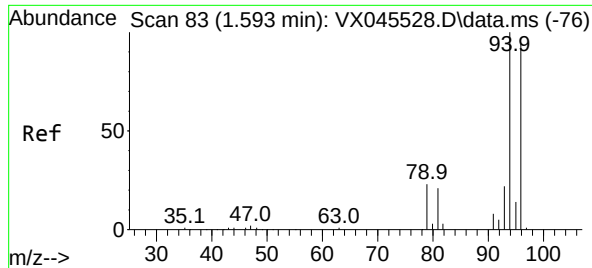
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 19.931 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 62 Resp: 25285
Ion Ratio Lower Upper
62 100
64 33.5 25.5 38.3





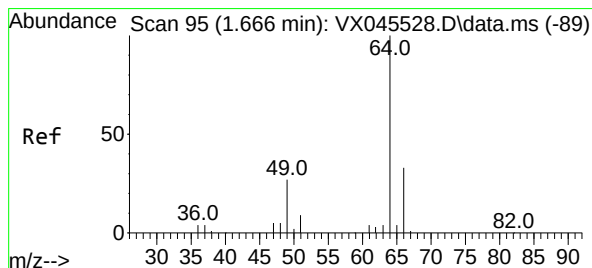
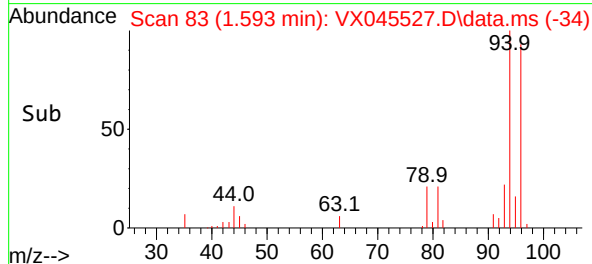
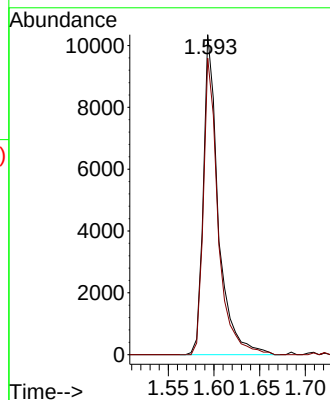
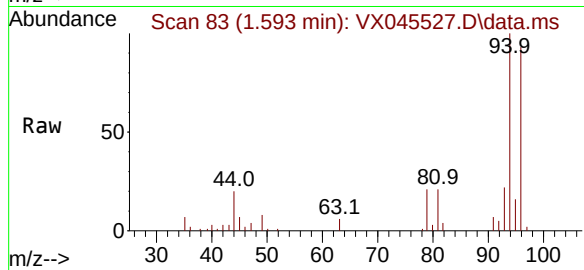
#5
Bromomethane
Concen: 19.642 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 1181
Ion Ratio Lower Upper
94 100
96 92.7 74.8 112.2

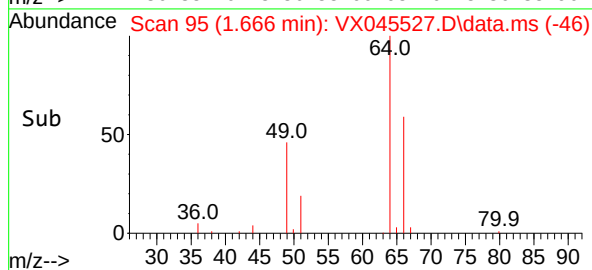
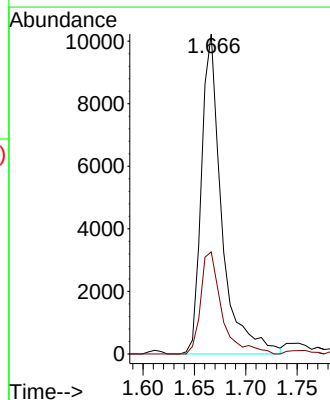
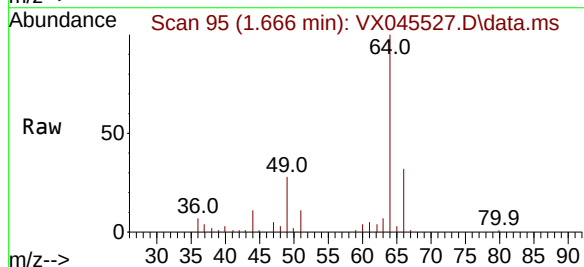
Manual Integrations
APPROVED

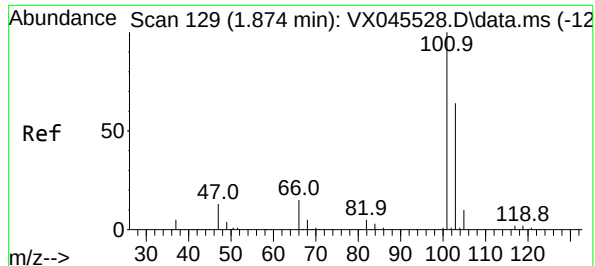
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 20.905 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

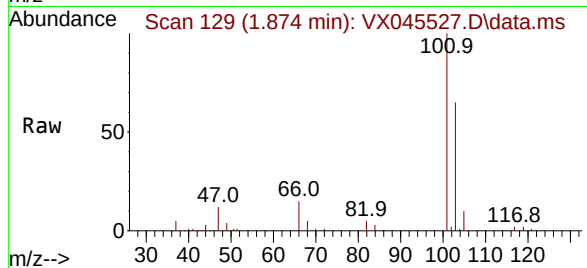
Tgt Ion: 64 Resp: 14071
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 20.518 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

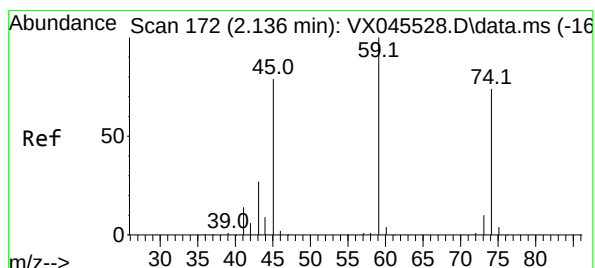
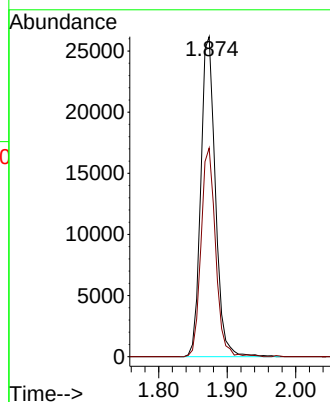
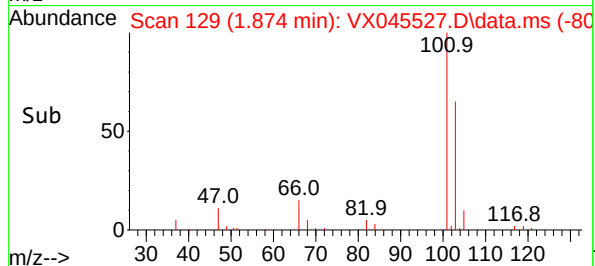
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 101 Resp: 3881
Ion Ratio Lower Upper
101 100
103 65.2 51.1 76.7

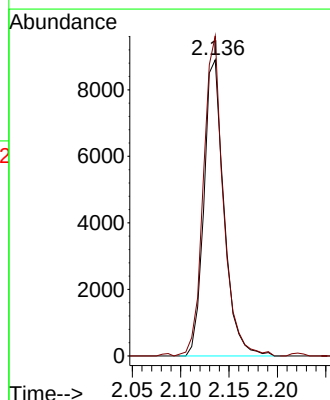
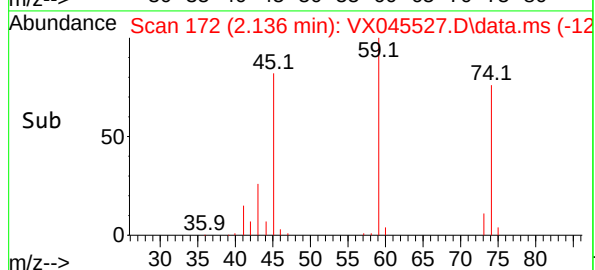
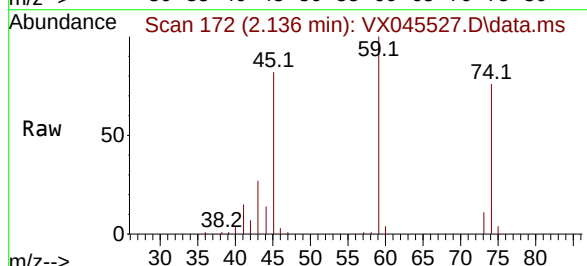
Manual Integrations
APPROVED

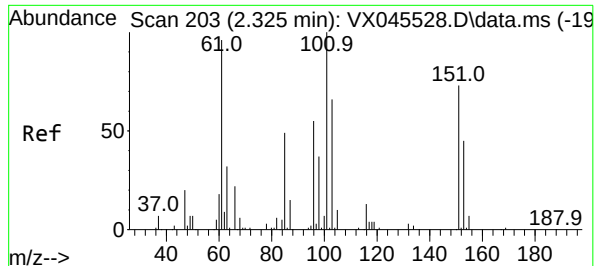
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#8
Diethyl Ether
Concen: 20.235 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 74 Resp: 12852
Ion Ratio Lower Upper
74 100
45 107.6 53.0 159.1





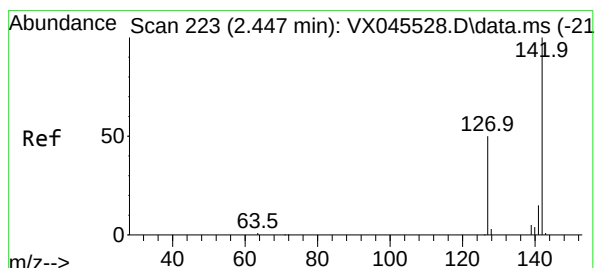
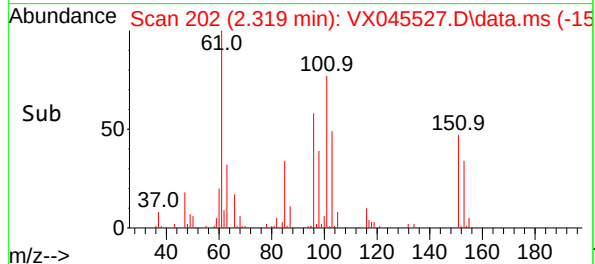
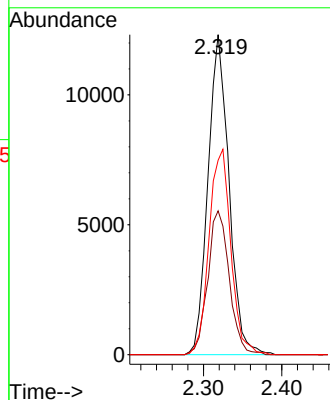
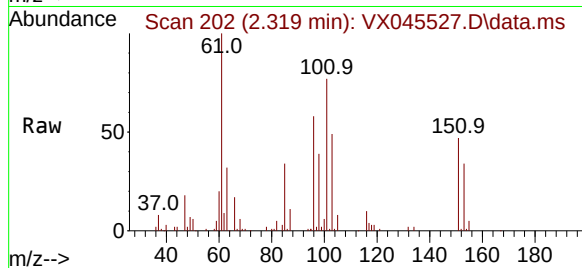
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.673 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2291
Ion Ratio Lower Upper
101 100
85 46.2 38.9 58.3
151 66.8 57.5 86.3

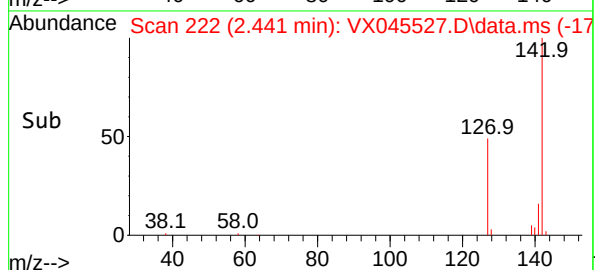
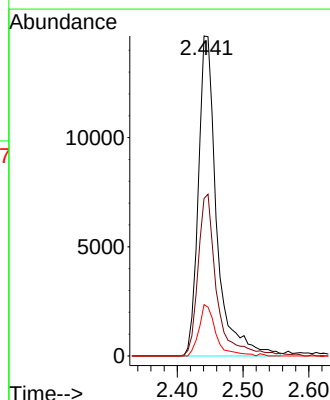
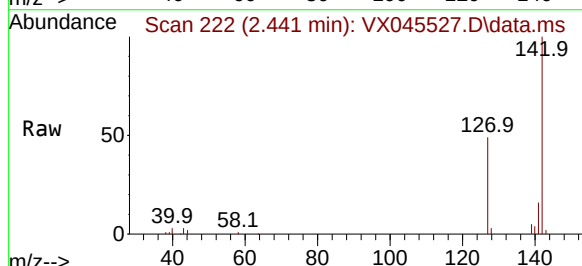
Manual Integrations
APPROVED

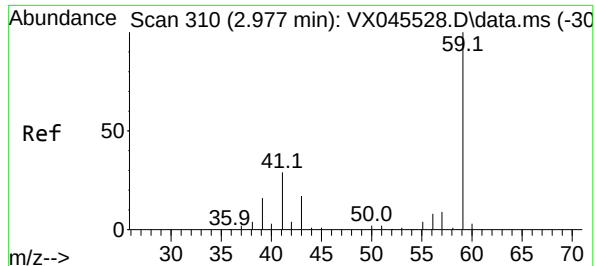
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 20.596 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:142 Resp: 28478
Ion Ratio Lower Upper
142 100
127 51.5 40.2 60.4
141 14.8 11.7 17.5





#11

Tert butyl alcohol

Concen: 101.253 ug/l

RT: 2.983 min Scan# 310

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 2245

Ion Ratio Lower Upper

59 100

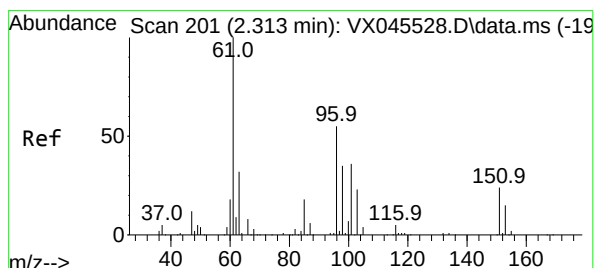
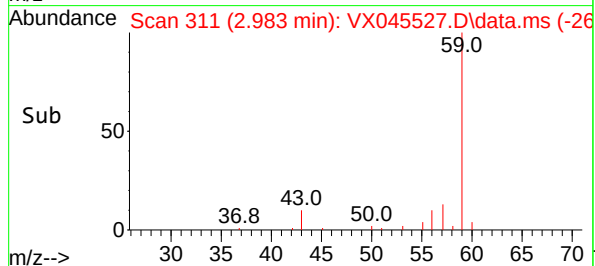
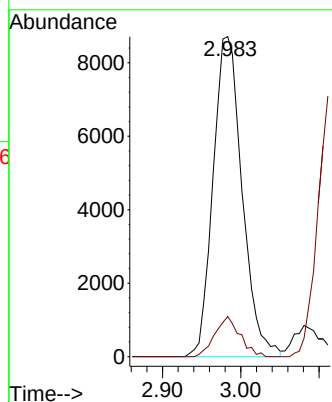
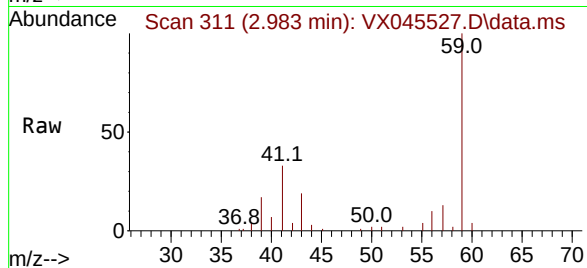
57 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#12

1,1-Dichloroethene

Concen: 20.406 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

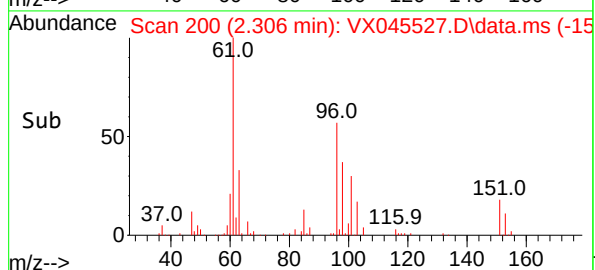
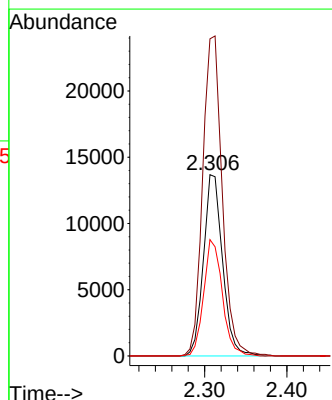
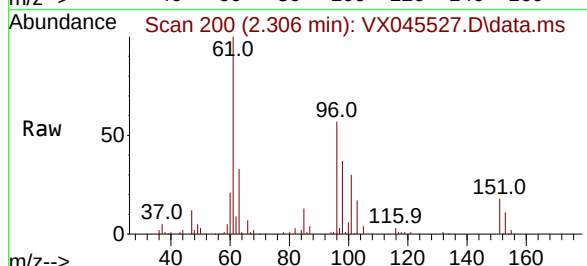
Tgt Ion: 96 Resp: 22103

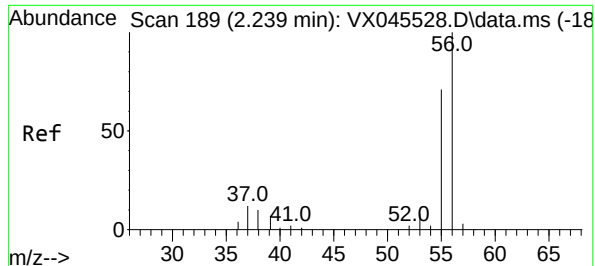
Ion Ratio Lower Upper

96 100

61 175.0 145.7 218.5

98 64.2 51.6 77.4





#13

Acrolein

Concen: 94.938 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 2899

Ion Ratio Lower Upper

56 100

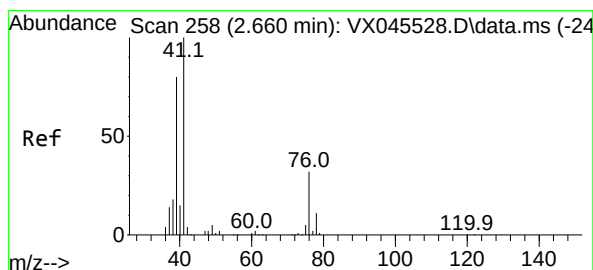
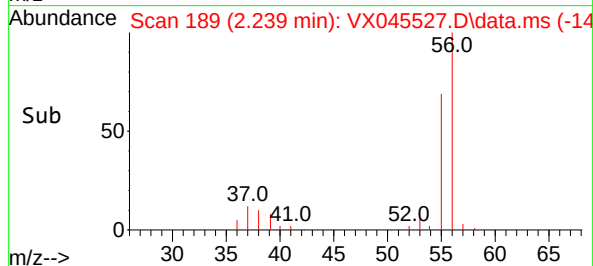
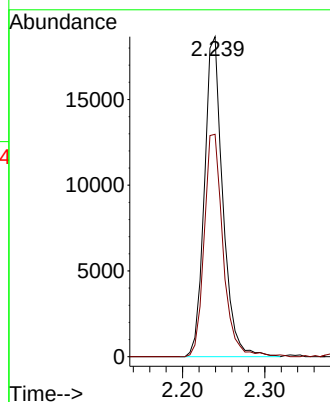
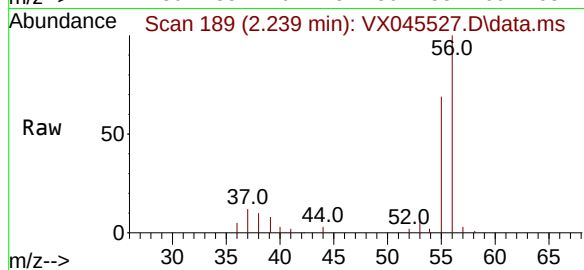
55 71.2 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#14

Allyl chloride

Concen: 20.063 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

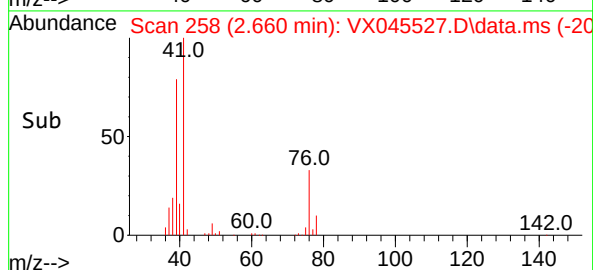
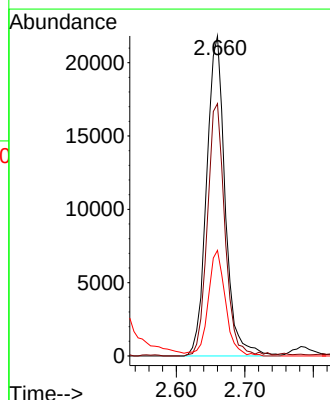
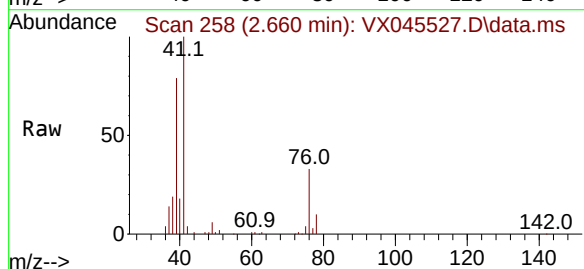
Tgt Ion: 41 Resp: 41233

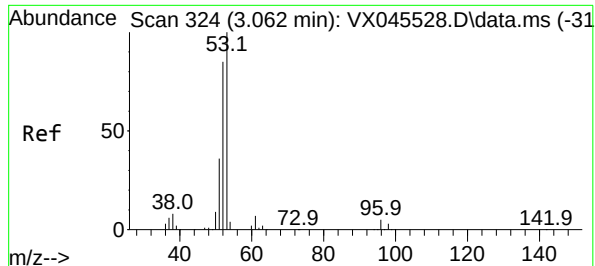
Ion Ratio Lower Upper

41 100

39 74.2 60.2 90.2

76 31.0 24.6 36.8





#15

Acrylonitrile

Concen: 106.412 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

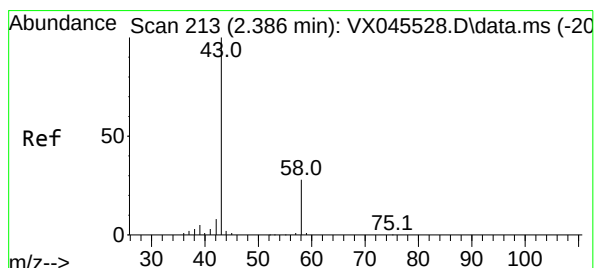
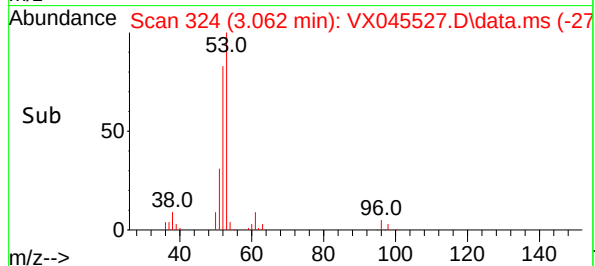
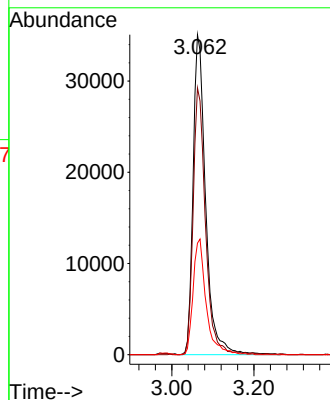
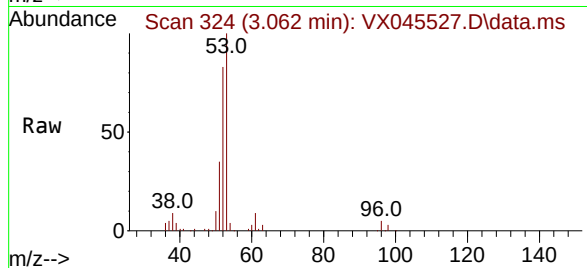
Tgt Ion:	53	Resp:	7448
Ion	Ratio	Lower	Upper
53	100		
52	81.8	67.4	101.2
51	37.6	29.9	44.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#16

Acetone

Concen: 103.000 ug/l

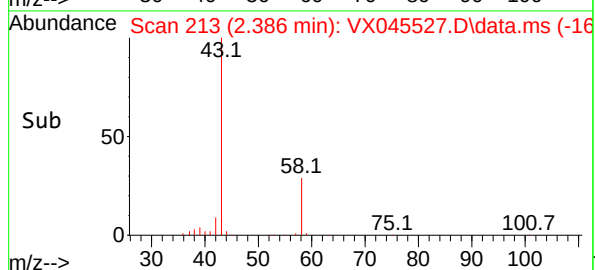
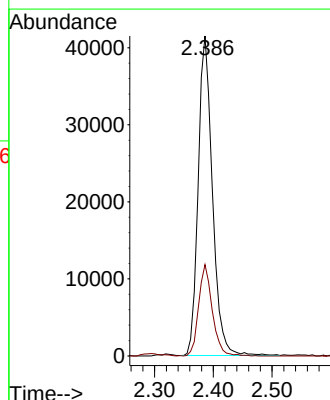
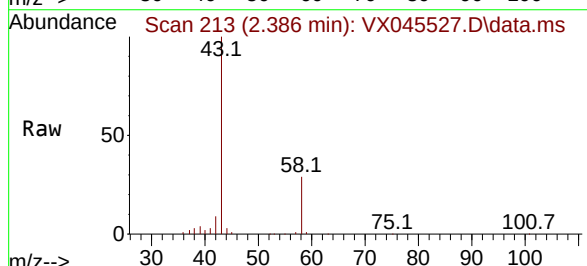
RT: 2.386 min Scan# 213

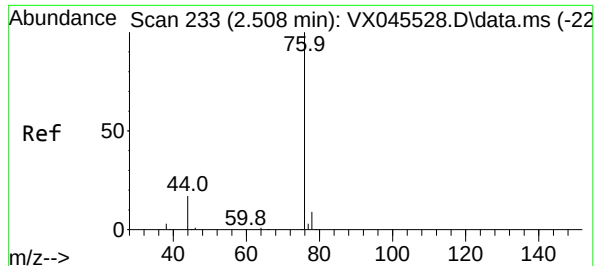
Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Tgt Ion:	43	Resp:	69788
Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.3	33.5





#17

Carbon Disulfide

Concen: 19.352 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 5177

Ion Ratio Lower Upper

76 100

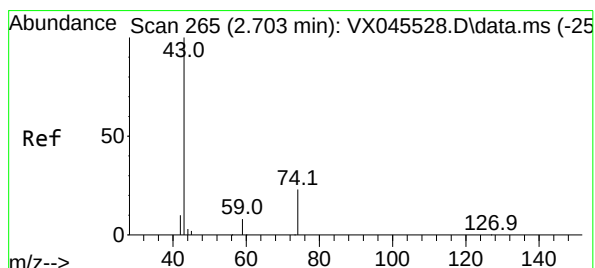
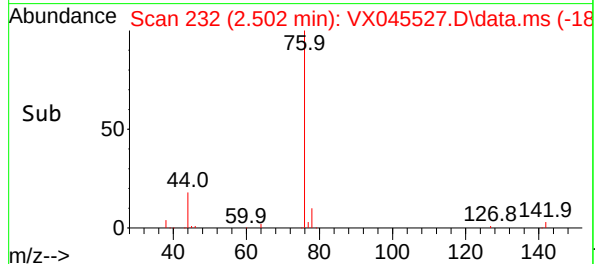
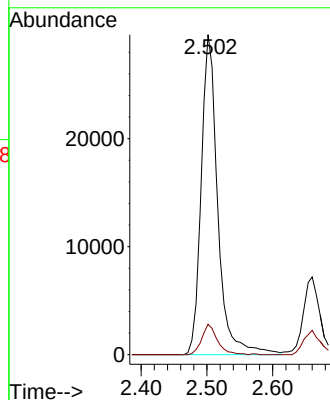
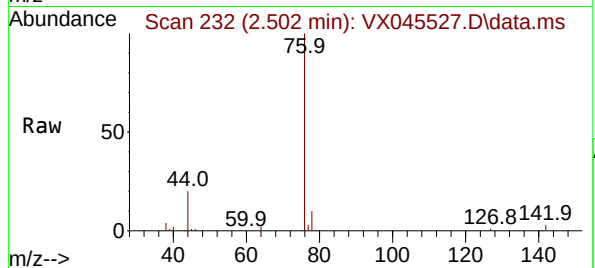
78 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#18

Methyl Acetate

Concen: 19.994 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045527.D

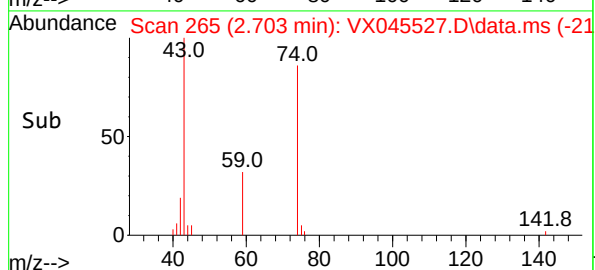
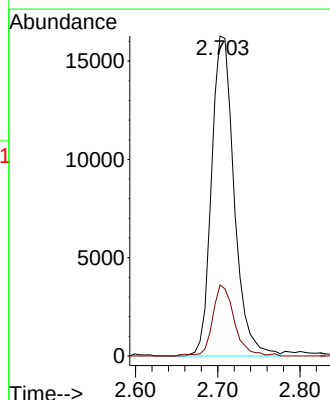
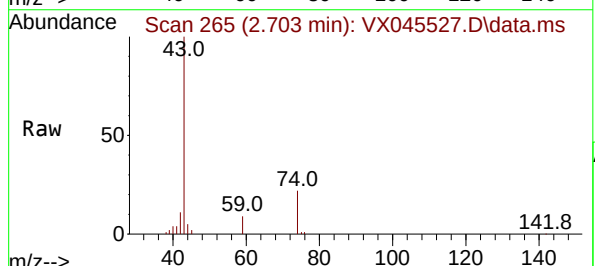
Acq: 01 Apr 2025 17:52

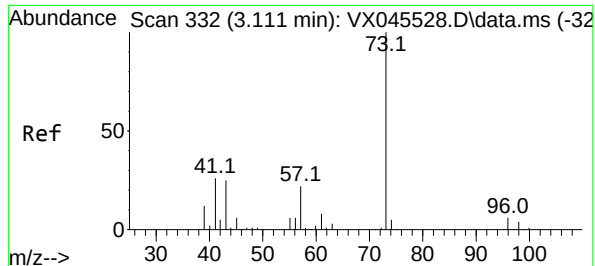
Tgt Ion: 43 Resp: 31190

Ion Ratio Lower Upper

43 100

74 21.3 17.5 26.3





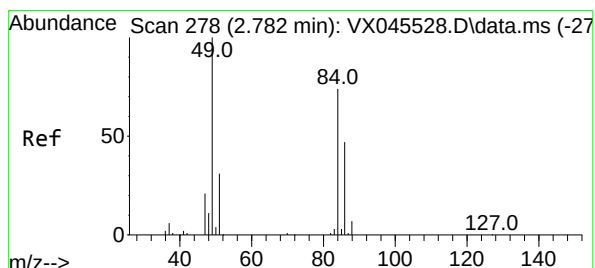
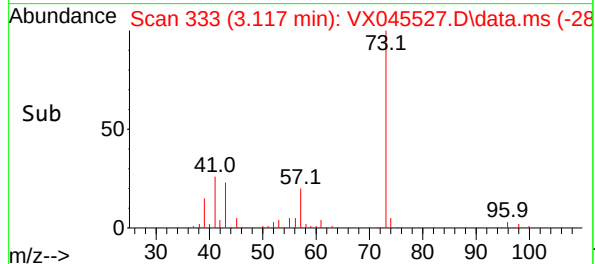
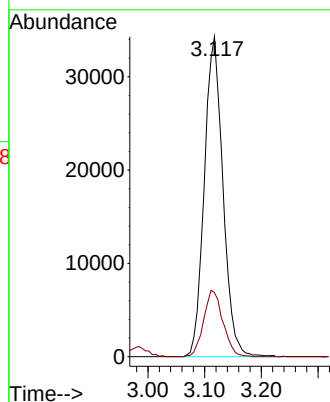
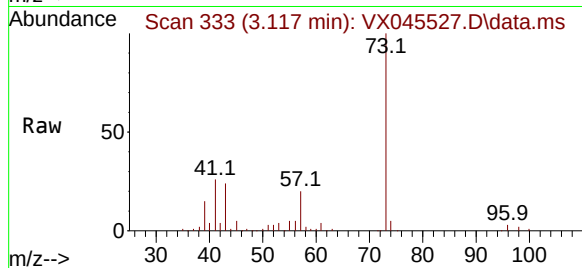
#19
Methyl tert-butyl Ether
Concen: 20.660 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 78284
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4

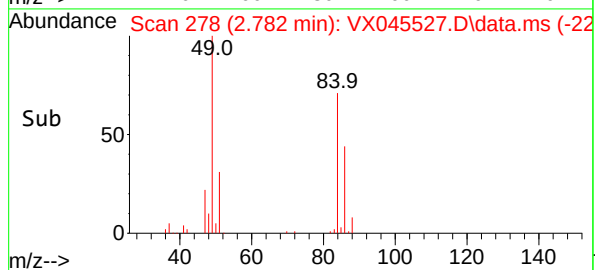
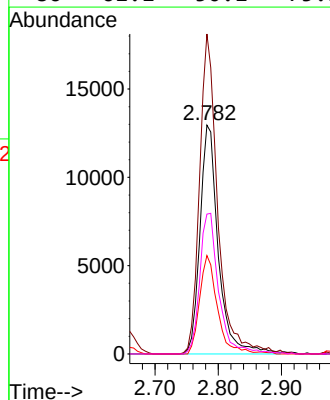
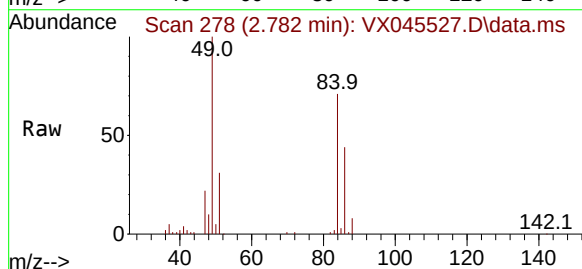
Manual Integrations
APPROVED

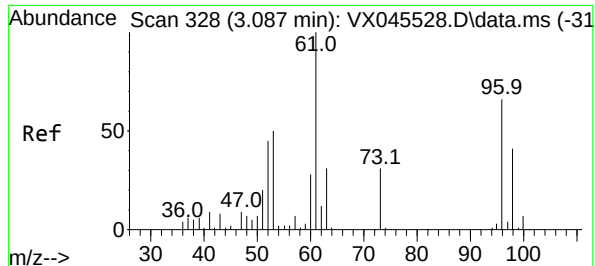
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#20
Methylene Chloride
Concen: 20.664 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

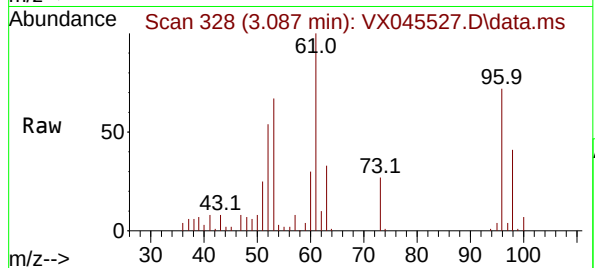
Tgt Ion: 84 Resp: 26212
Ion Ratio Lower Upper
84 100
49 139.9 107.5 161.3
51 43.0 33.0 49.6
86 61.1 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 20.755 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

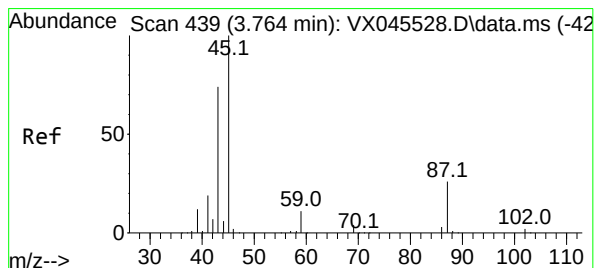
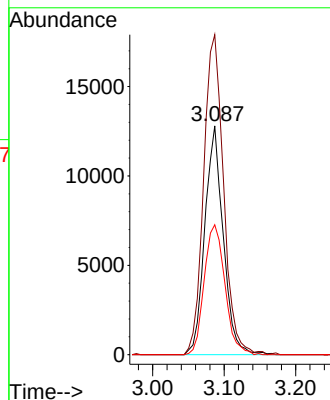
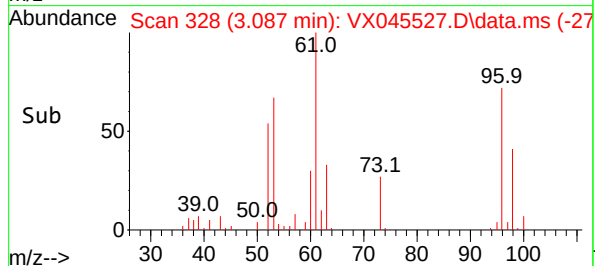
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 22968
Ion Ratio Lower Upper
96 100
61 139.8 121.0 181.6
98 56.7 49.7 74.5

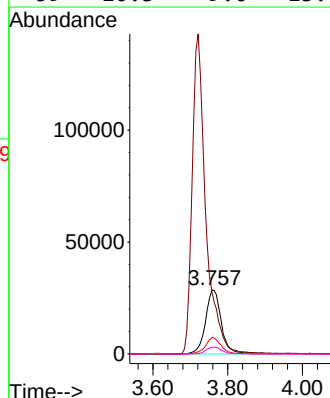
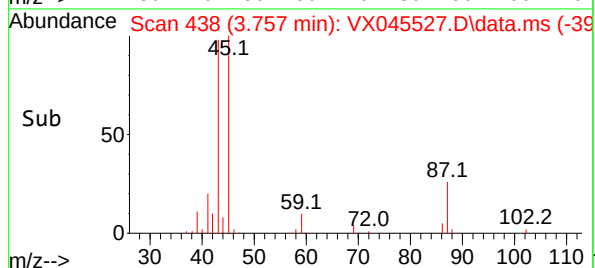
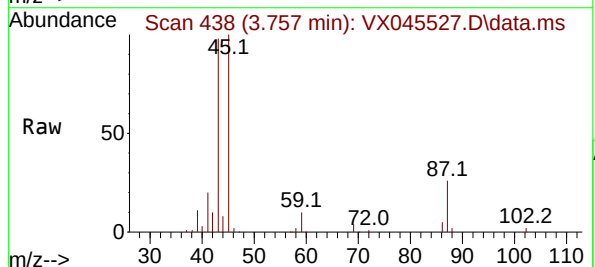
Manual Integrations
APPROVED

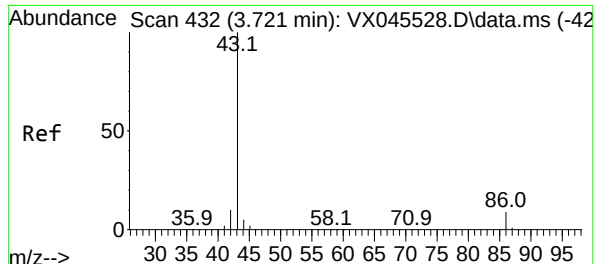
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#22
Diisopropyl ether
Concen: 20.760 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 45 Resp: 84046
Ion Ratio Lower Upper
45 100
43 98.0 59.3 88.9#
87 25.9 20.4 30.6
59 10.3 9.0 13.6





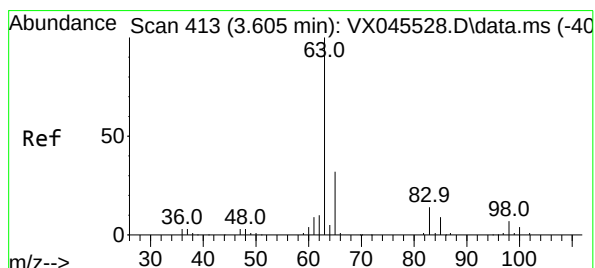
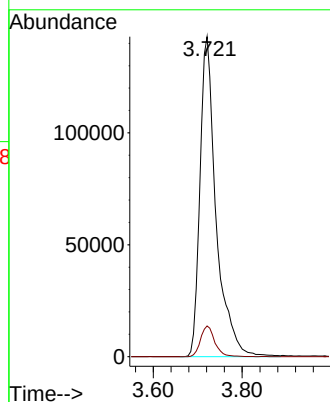
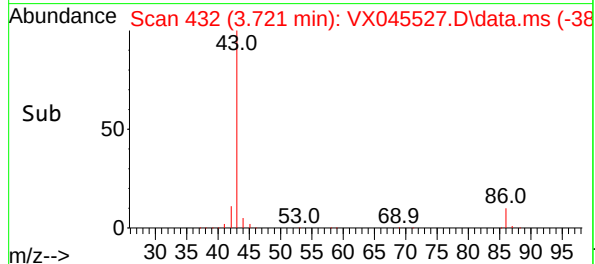
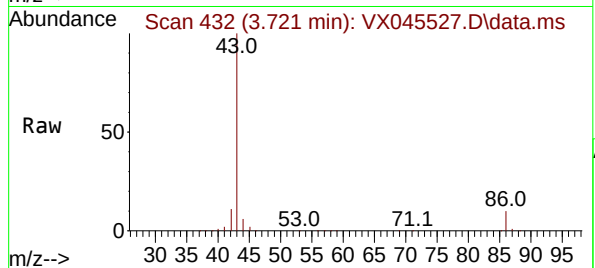
#23
Vinyl Acetate
Concen: 103.458 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 36188
Ion Ratio Lower Upper
43 100
86 9.6 7.5 11.3

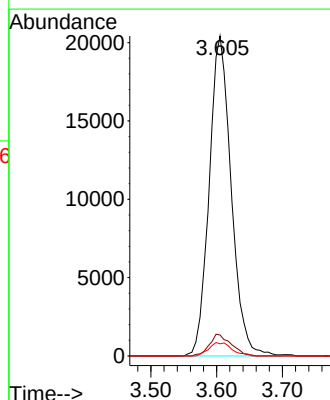
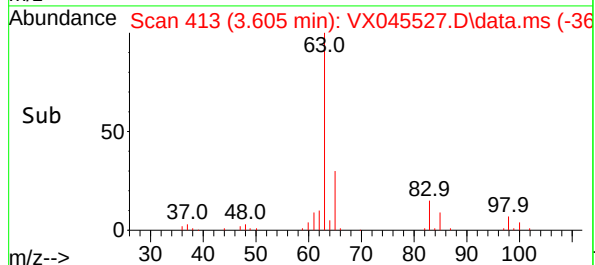
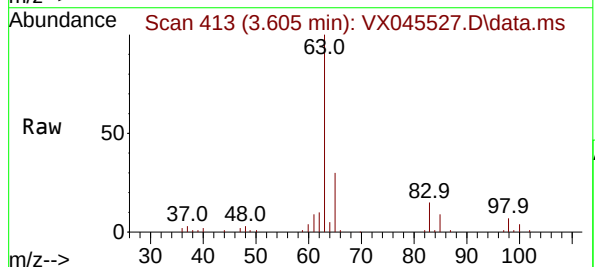
Manual Integrations
APPROVED

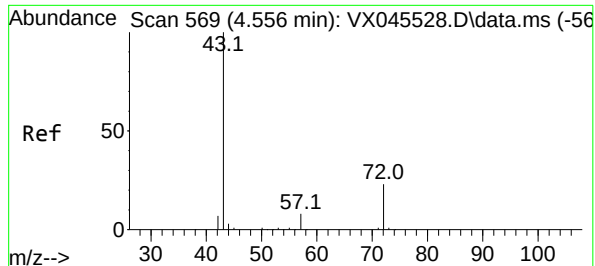
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#24
1,1-Dichloroethane
Concen: 20.772 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 63 Resp: 47560
Ion Ratio Lower Upper
63 100
98 6.5 3.4 10.1
100 3.8 2.2 6.6





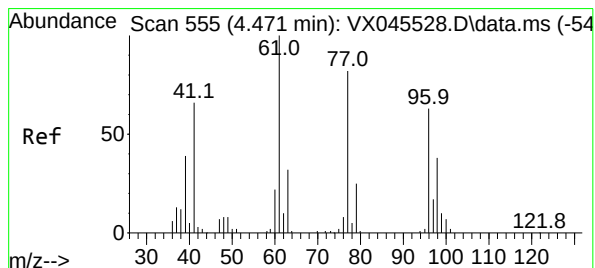
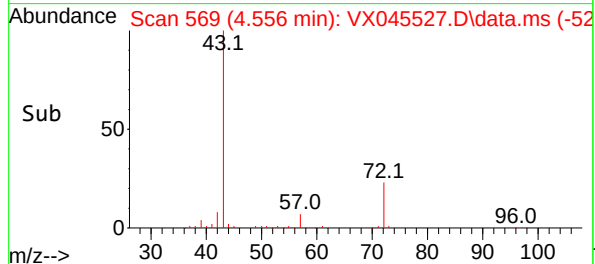
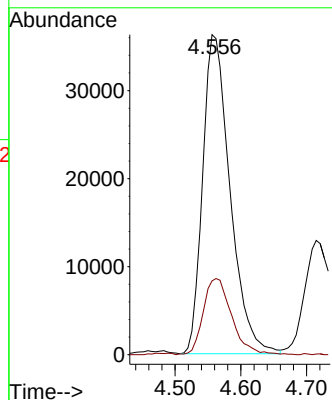
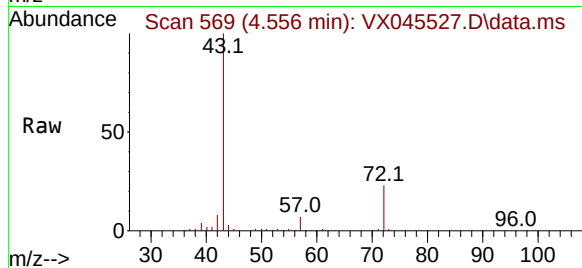
#25
2-Butanone
Concen: 105.931 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 105062
Ion Ratio Lower Upper
43 100
72 22.9 18.6 28.0

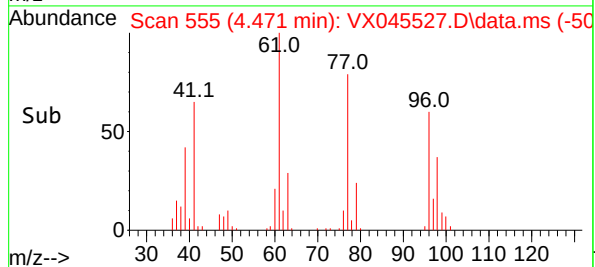
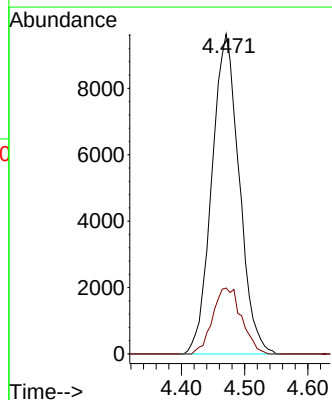
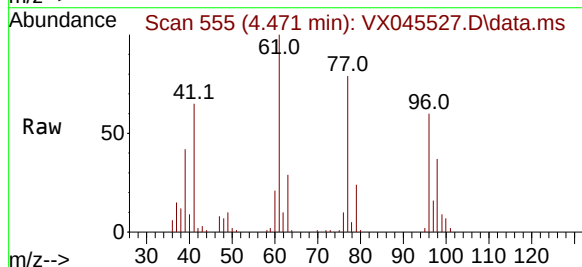
Manual Integrations
APPROVED

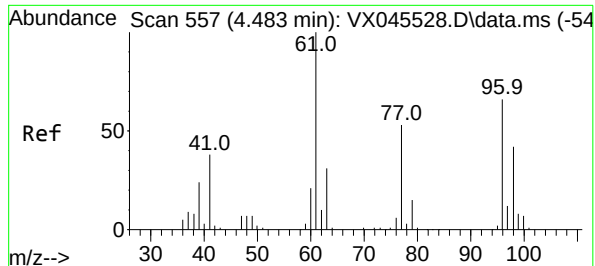
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 19.574 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 77 Resp: 28956
Ion Ratio Lower Upper
77 100
97 21.8 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 20.342 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 27425

Ion Ratio Lower Upper

96 100

61 155.2 0.0 313.2

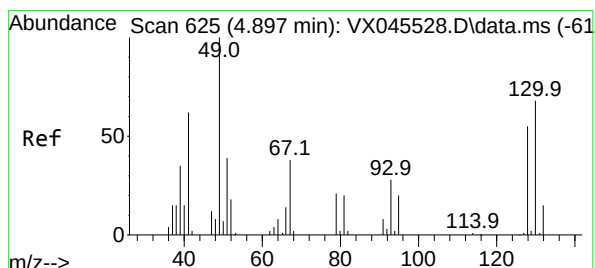
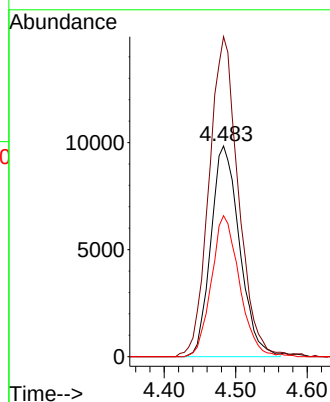
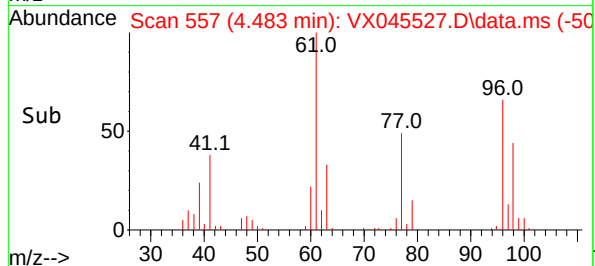
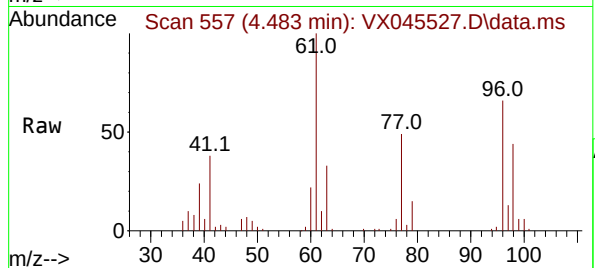
98 65.5 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 20.141 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

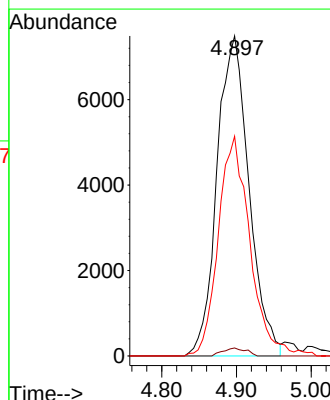
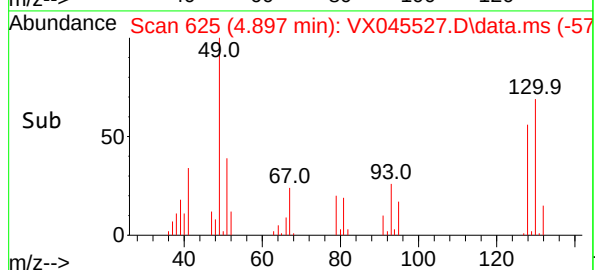
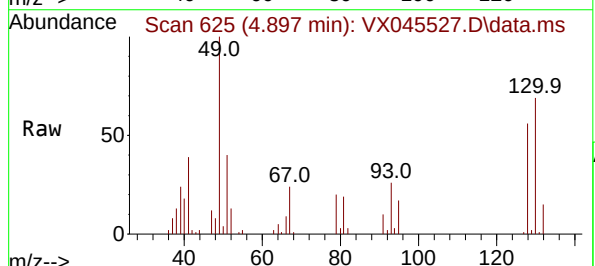
Tgt Ion: 49 Resp: 22285

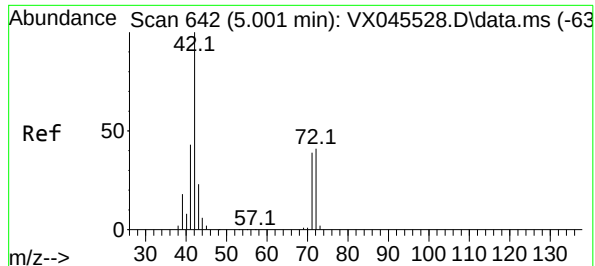
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 68.0 54.6 81.8





#29

Tetrahydrofuran

Concen: 104.187 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

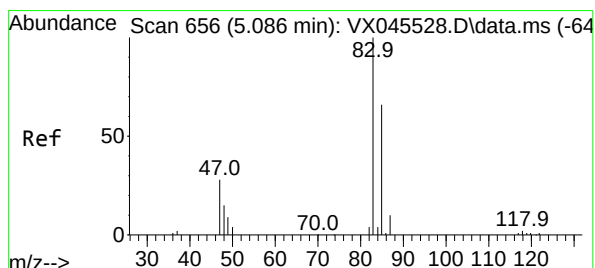
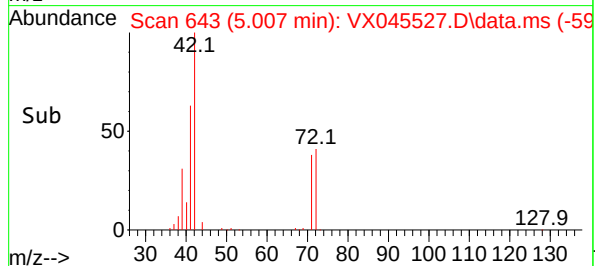
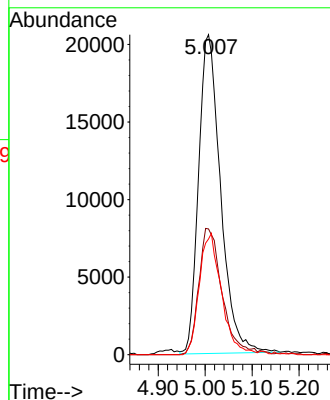
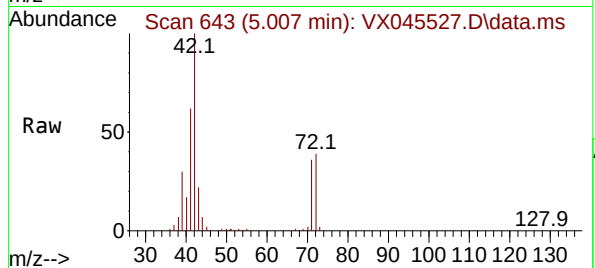
Tgt Ion:	42	Resp:	66994
Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.4	50.0
71	38.2	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#30

Chloroform

Concen: 20.646 ug/l

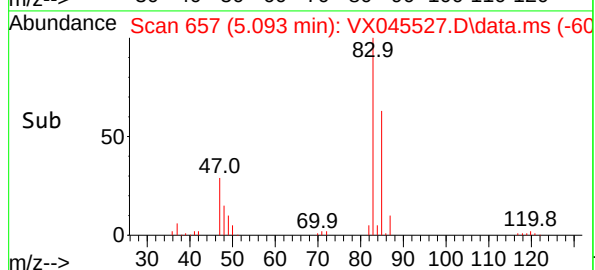
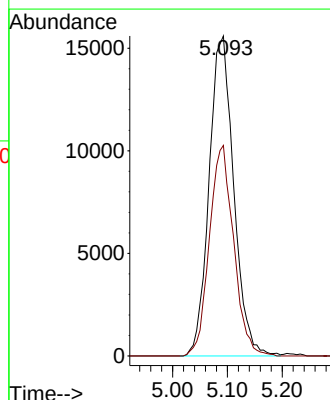
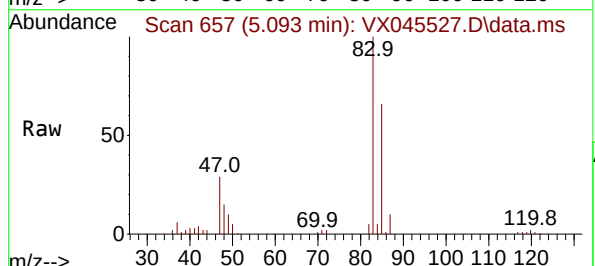
RT: 5.093 min Scan# 657

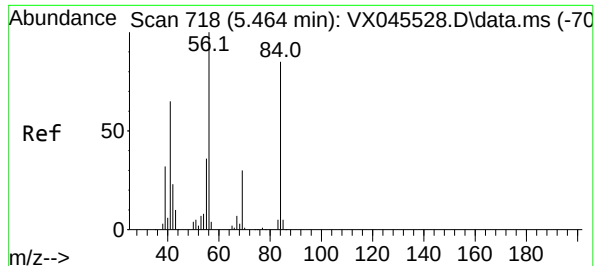
Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Tgt Ion:	83	Resp:	48639
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.8	79.2





#31

Cyclohexane

Concen: 20.478 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX045527.D

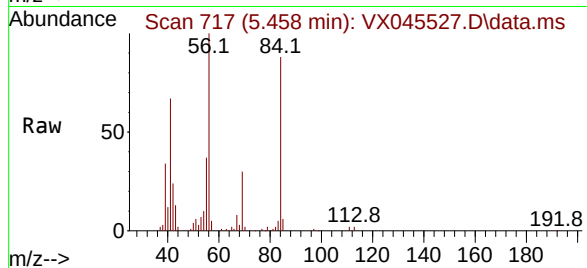
Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



Tgt Ion: 56 Resp: 41450

Ion Ratio Lower Upper

56 100

69 30.0 23.6 35.4

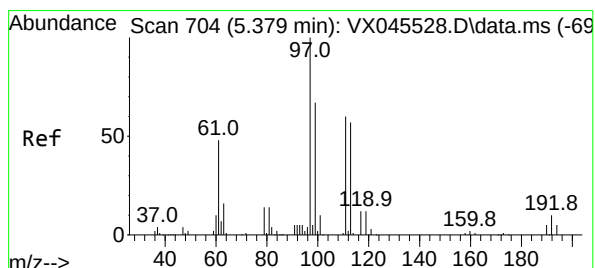
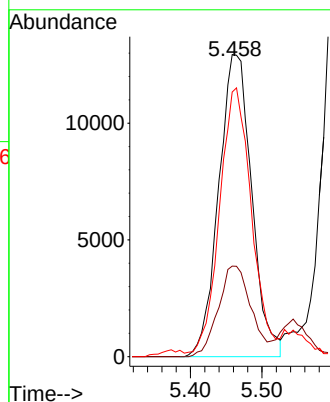
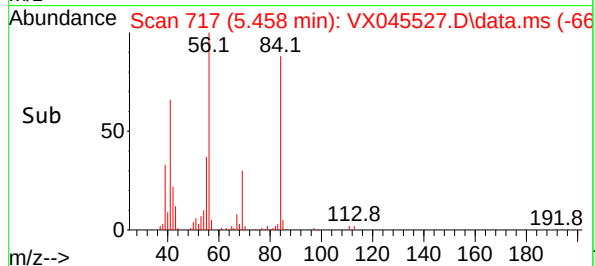
84 85.5 67.7 101.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#32

1,1,1-Trichloroethane

Concen: 20.270 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

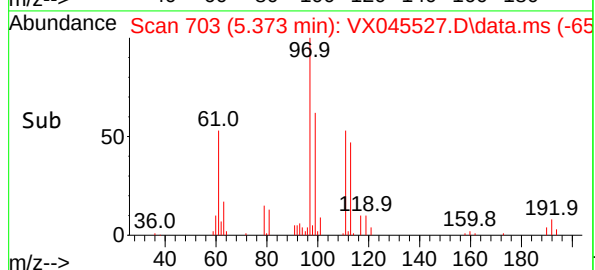
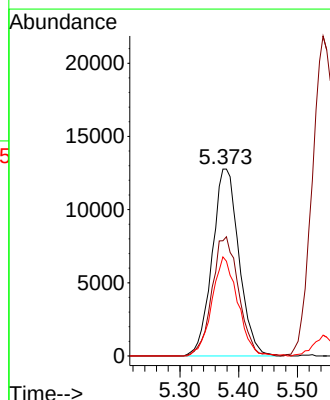
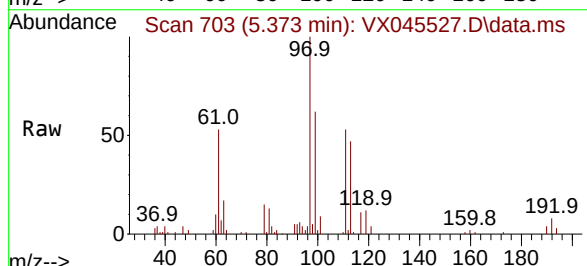
Tgt Ion: 97 Resp: 40407

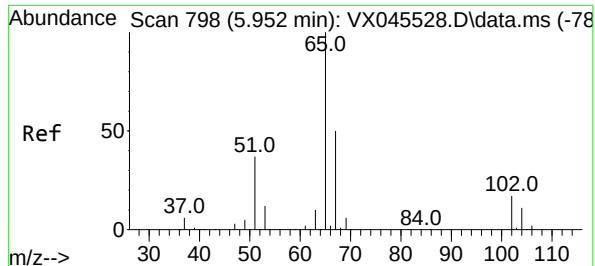
Ion Ratio Lower Upper

97 100

99 63.3 51.7 77.5

61 51.3 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 19.697 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 32500

Ion Ratio Lower Upper

65 100

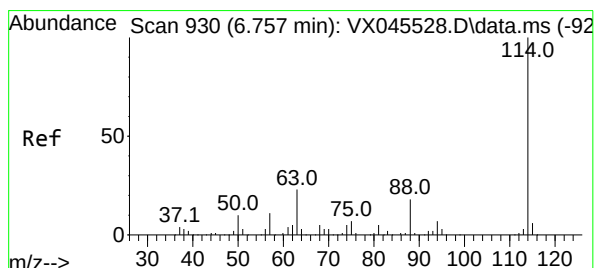
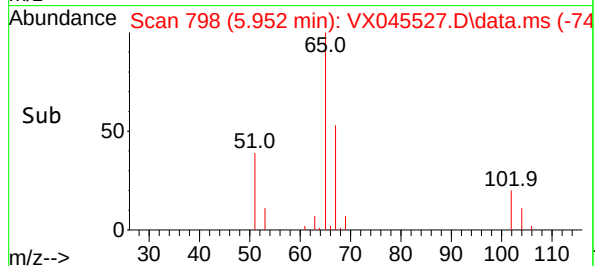
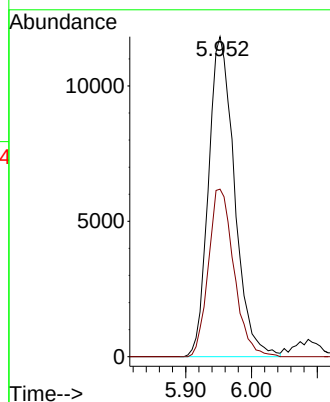
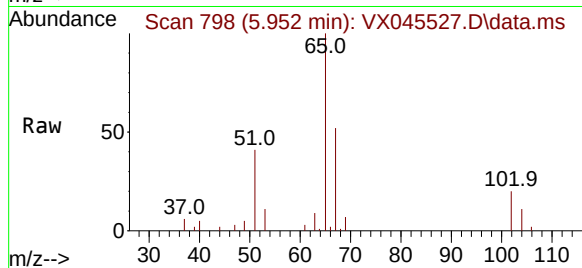
67 51.5 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

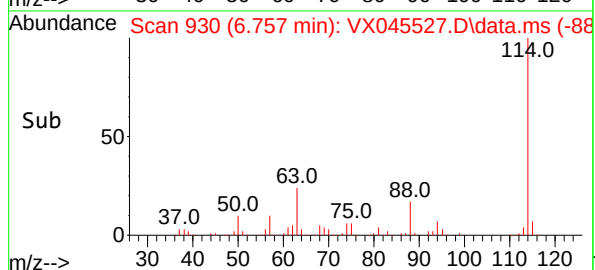
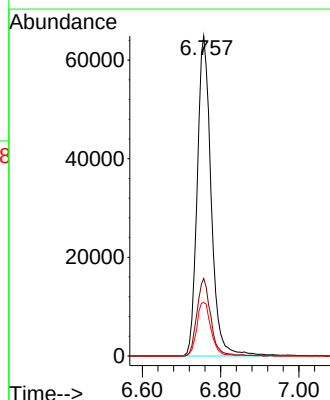
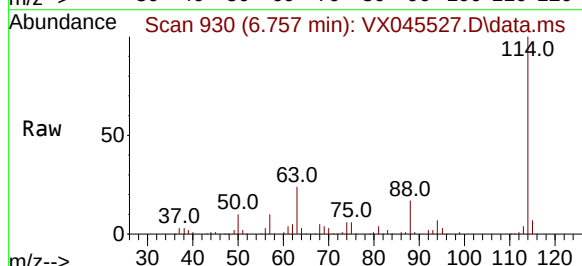
Tgt Ion:114 Resp: 160754

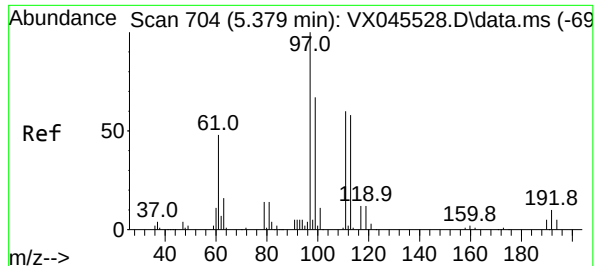
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.8

88 16.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 19.256 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

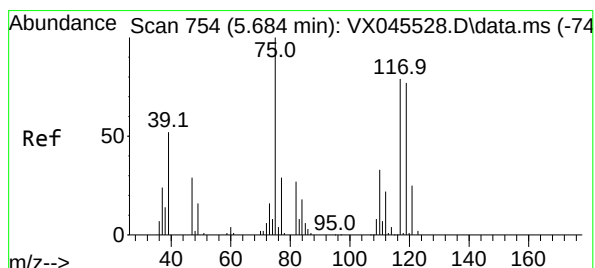
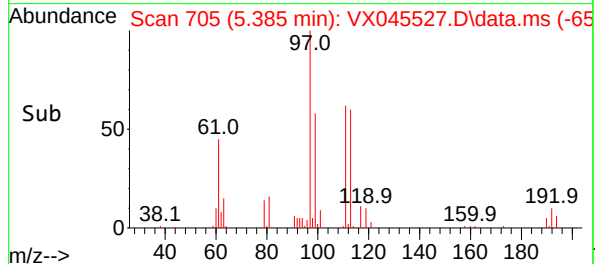
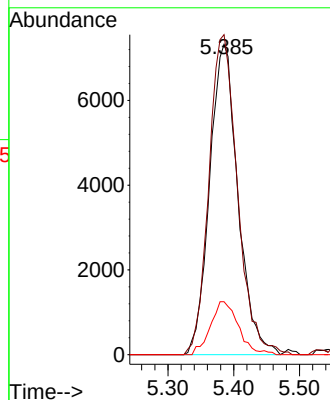
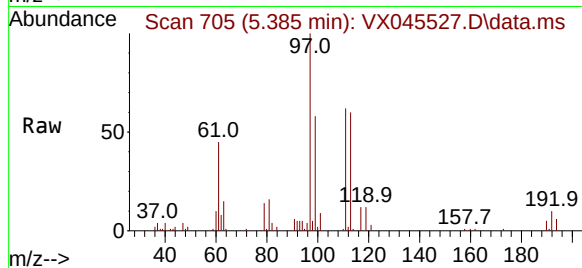
Tgt Ion:	113	Resp:	2196
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	17.0	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#36

1,1-Dichloropropene

Concen: 19.808 ug/l

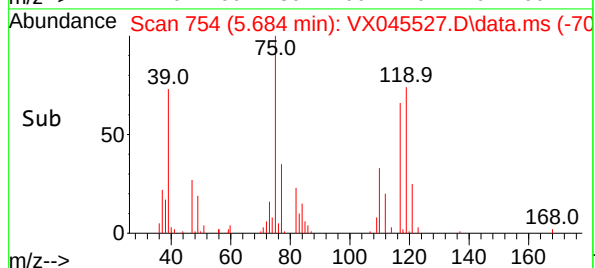
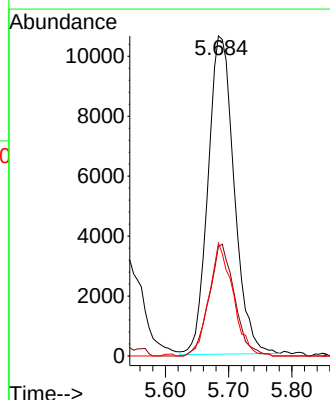
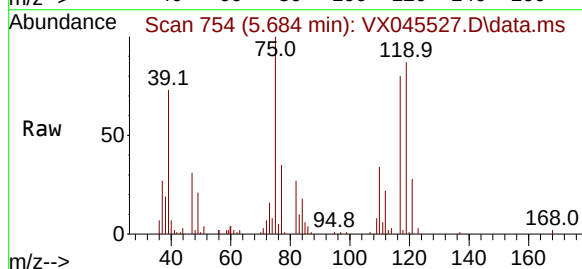
RT: 5.684 min Scan# 754

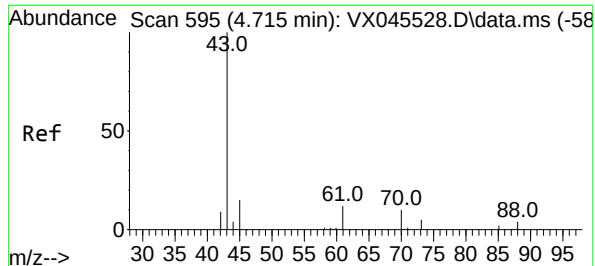
Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Tgt Ion:	75	Resp:	30504
Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.9	50.6
77	32.7	25.0	37.4





#37

Ethyl Acetate

Concen: 20.180 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 3916

Ion Ratio Lower Upper

43 100

61 13.1 9.9 14.9

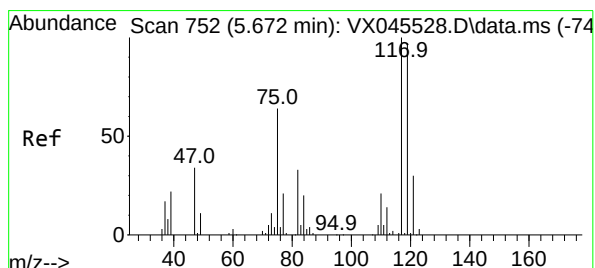
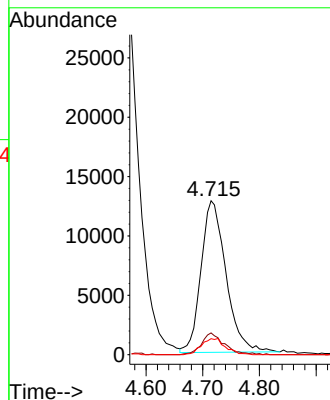
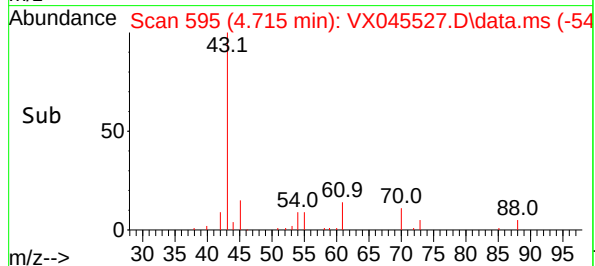
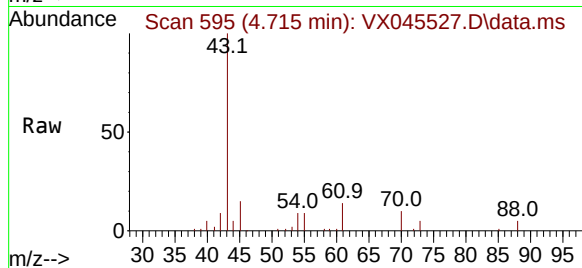
70 10.1 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#38

Carbon Tetrachloride

Concen: 20.148 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

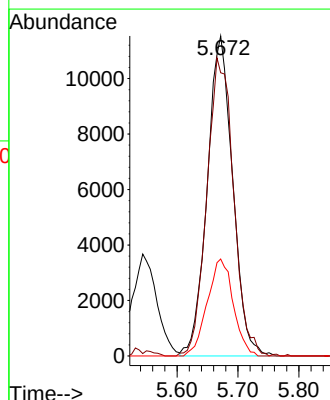
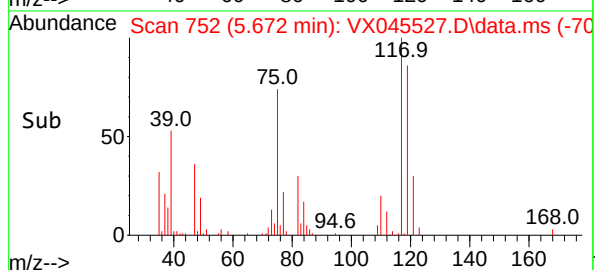
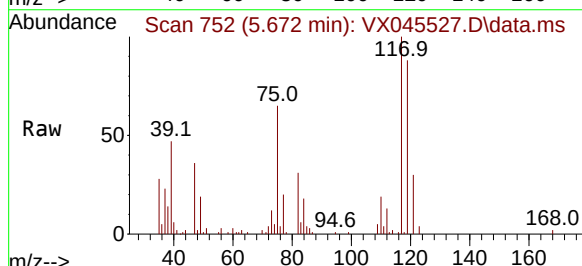
Tgt Ion:117 Resp: 33533

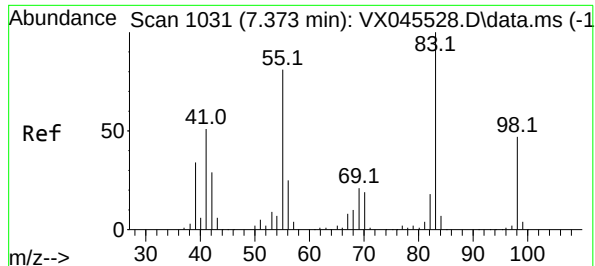
Ion Ratio Lower Upper

117 100

119 88.5 76.9 115.3

121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 20.291 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 3830

Ion Ratio Lower Upper

83 100

55 82.7 64.9 97.3

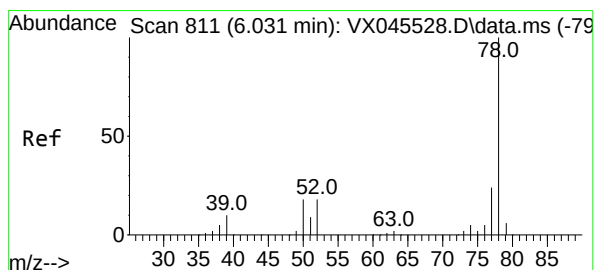
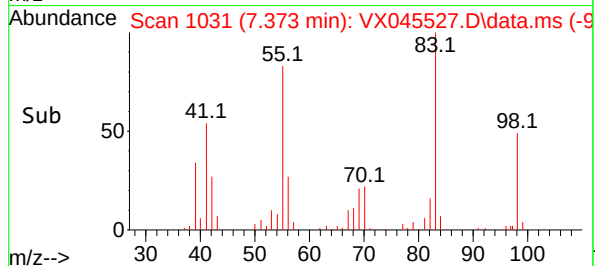
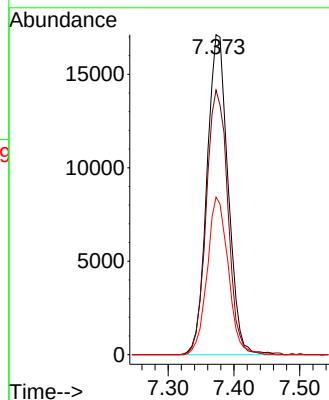
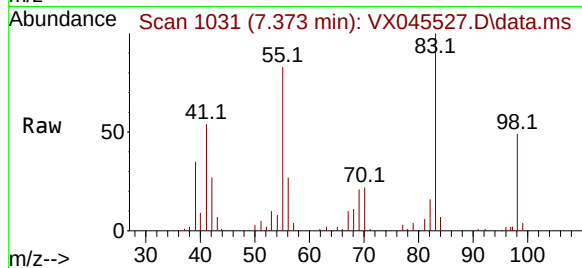
98 49.2 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#40

Benzene

Concen: 20.766 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045527.D

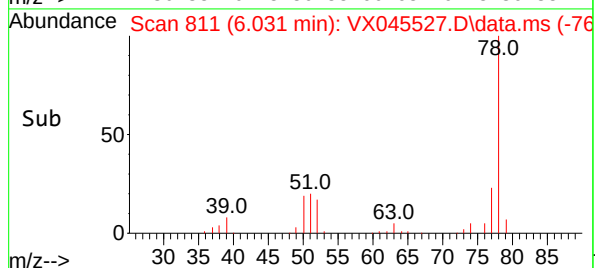
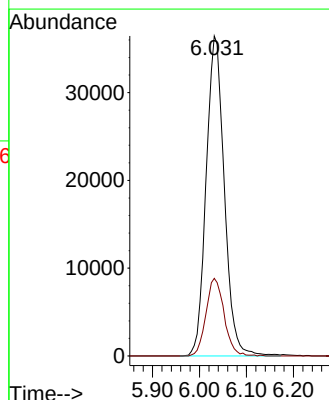
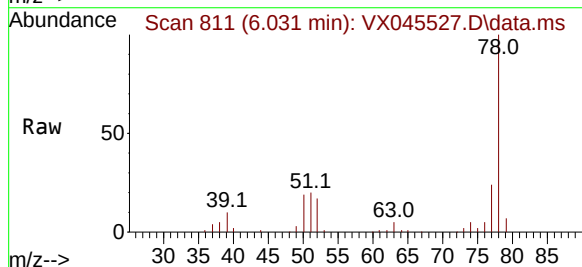
Acq: 01 Apr 2025 17:52

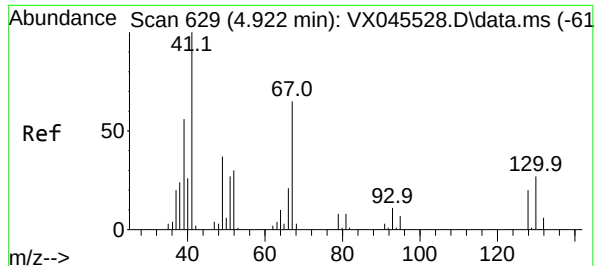
Tgt Ion: 78 Resp: 97667

Ion Ratio Lower Upper

78 100

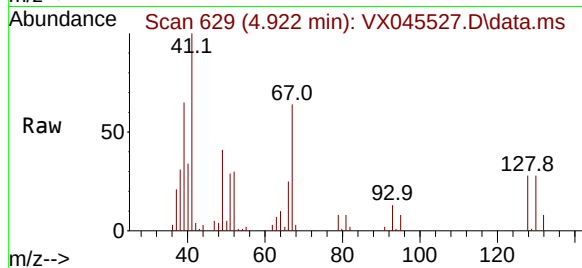
77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 21.046 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

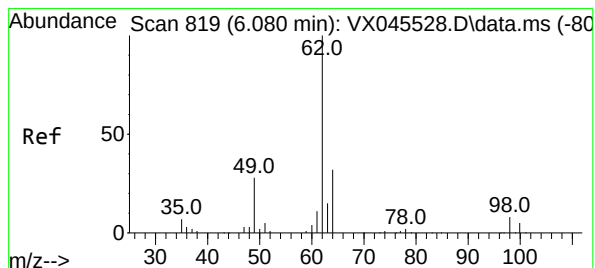
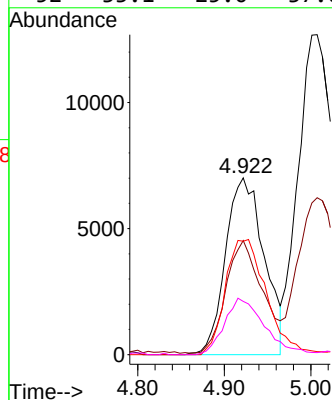
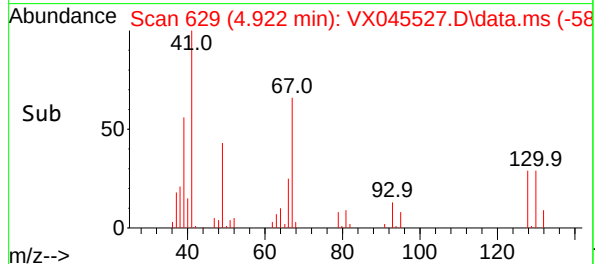
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



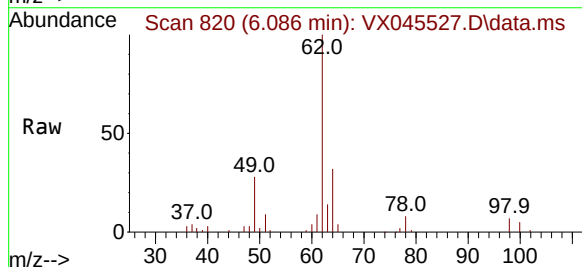
Tgt Ion: 41 Resp: 21740
Ion Ratio Lower Upper
41 100
39 60.3 47.0 70.6
67 69.9 53.2 79.8
52 33.1 25.0 37.6

Manual Integrations
APPROVED

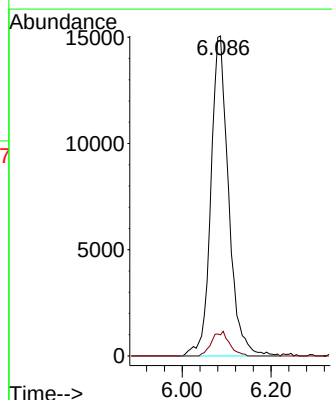
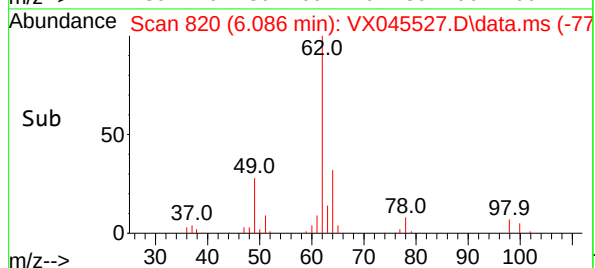
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

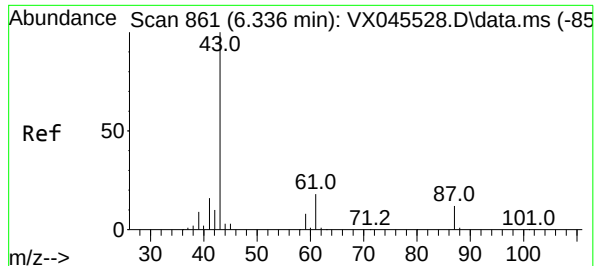


#42
1,2-Dichloroethane
Concen: 21.484 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52



Tgt Ion: 62 Resp: 41733
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43

Isopropyl Acetate

Concen: 20.814 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

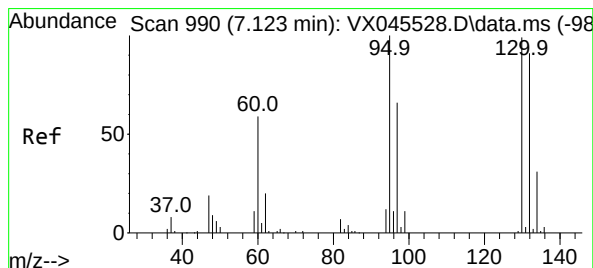
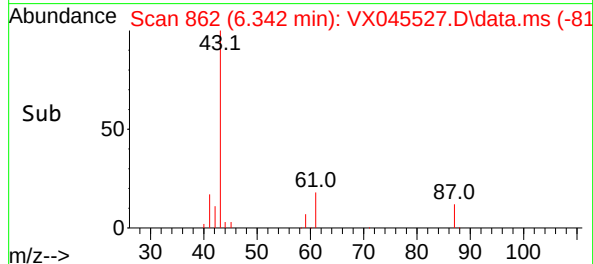
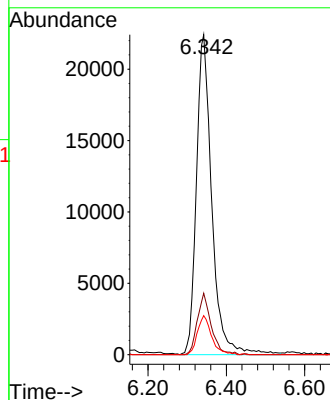
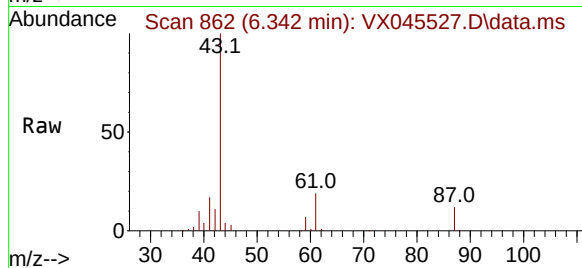
Tgt Ion: 43	Resp: 6122
Ion Ratio	Lower Upper
43	100
61	17.3 14.1 21.1
87	11.2 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#44

Trichloroethene

Concen: 20.501 ug/l

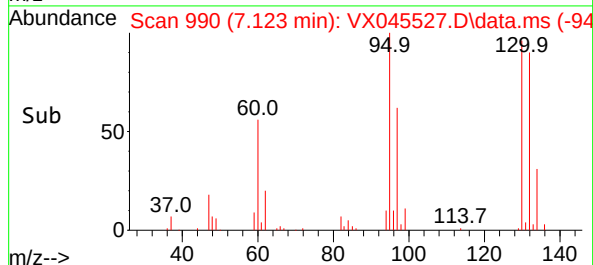
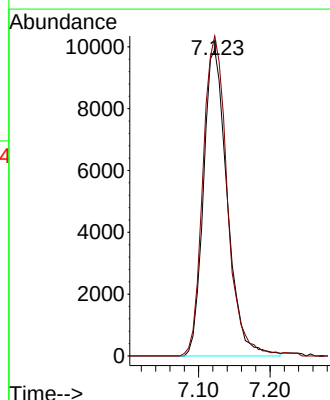
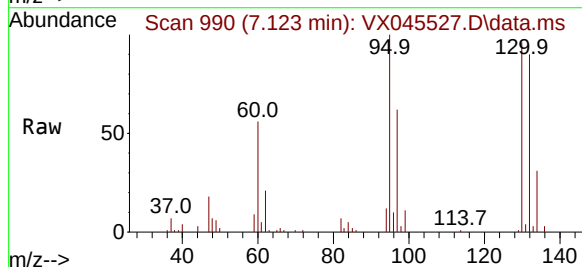
RT: 7.123 min Scan# 990

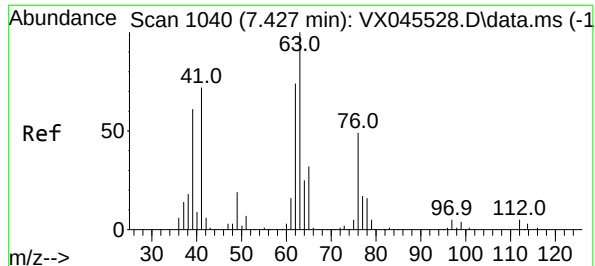
Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Tgt Ion:130	Resp: 22918
Ion Ratio	Lower Upper
130	100
95	104.4 0.0 202.0





#45

1,2-Dichloropropane

Concen: 21.241 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 24920

Ion Ratio Lower Upper

63 100

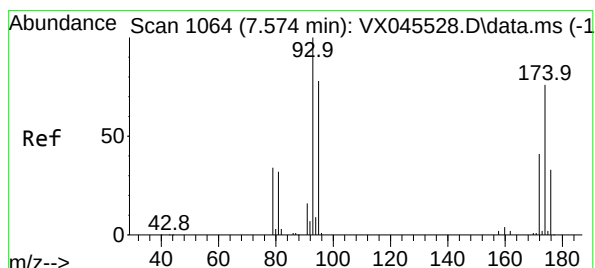
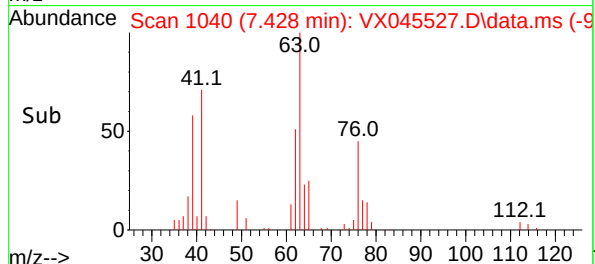
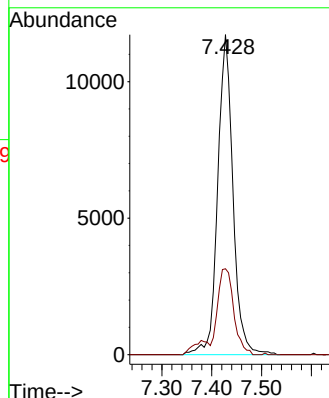
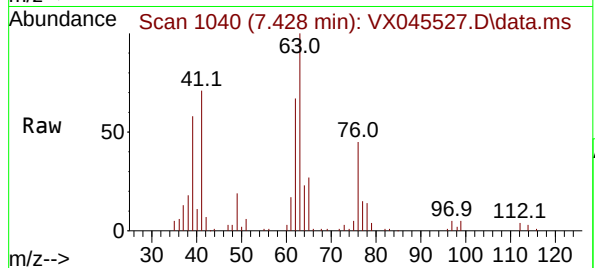
65 26.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#46

Dibromomethane

Concen: 21.207 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

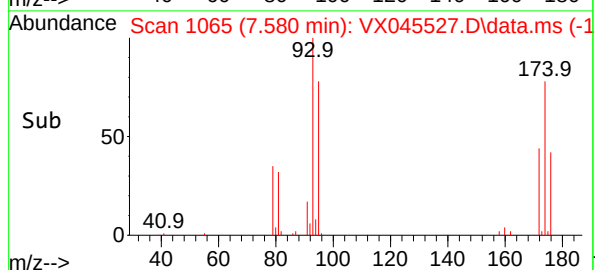
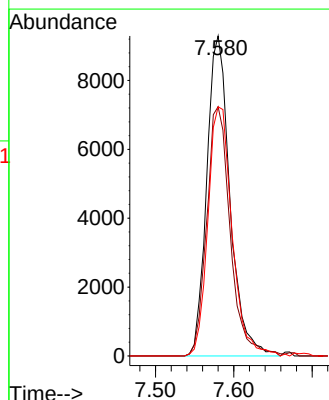
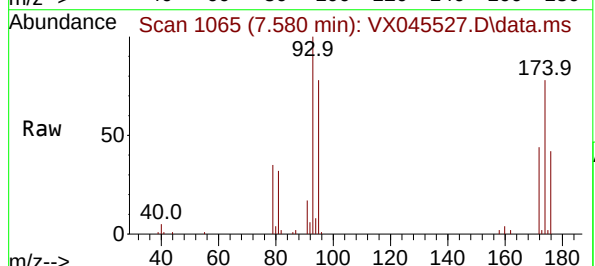
Tgt Ion: 93 Resp: 19104

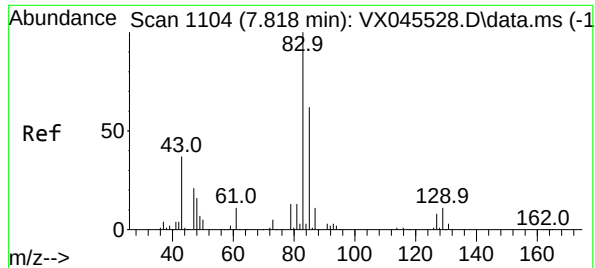
Ion Ratio Lower Upper

93 100

95 79.2 64.8 97.2

174 81.1 65.4 98.0





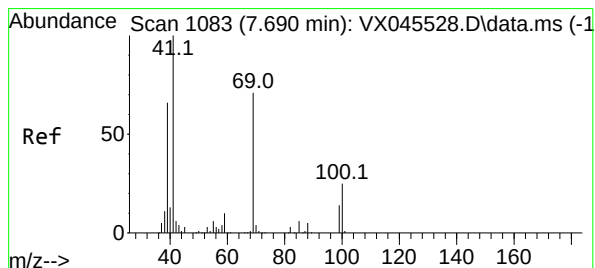
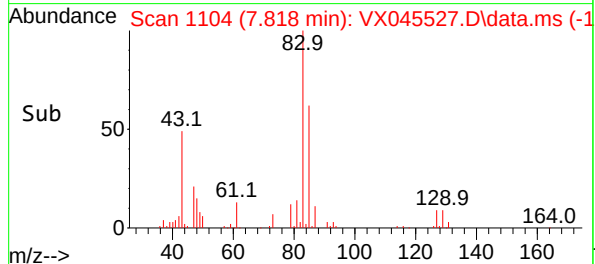
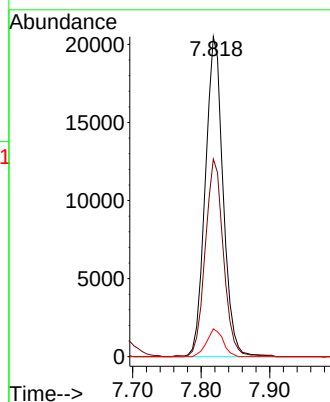
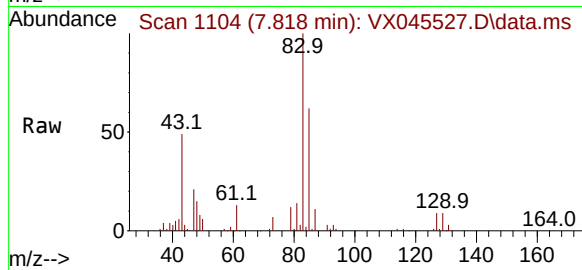
#47
Bromodichloromethane
Concen: 20.587 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 37030
Ion Ratio Lower Upper
83 100
85 61.7 49.7 74.5
127 8.7 6.1 9.1

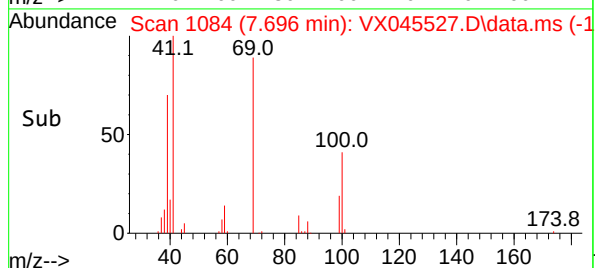
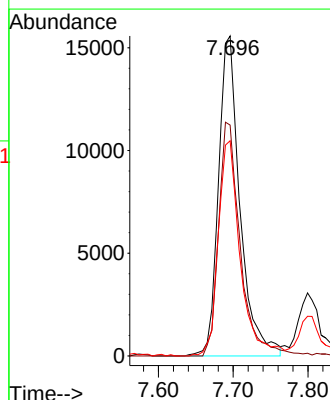
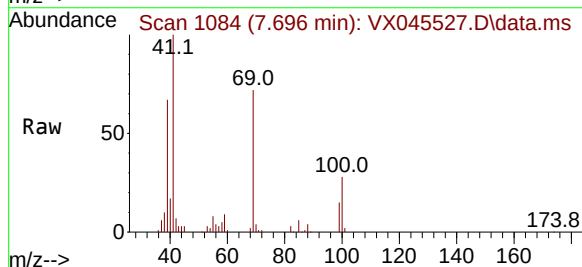
Manual Integrations
APPROVED

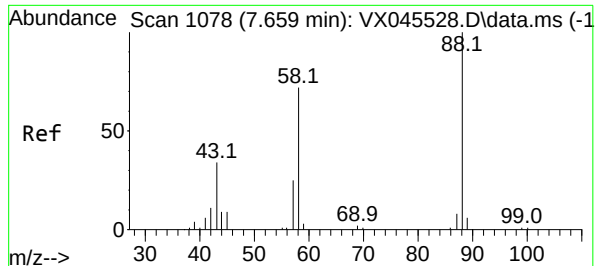
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#48
Methyl methacrylate
Concen: 20.575 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 41 Resp: 31247
Ion Ratio Lower Upper
41 100
69 73.4 58.2 87.2
39 68.7 53.6 80.4





#49

1,4-Dioxane

Concen: 440.515 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 12104

Ion Ratio Lower Upper

88 100

43 43.5 32.2 48.4

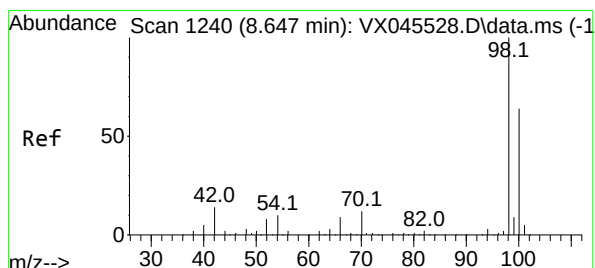
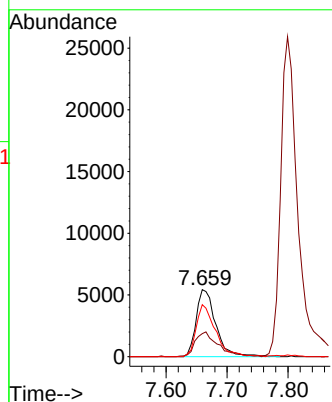
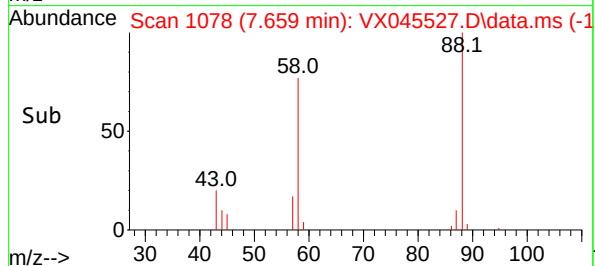
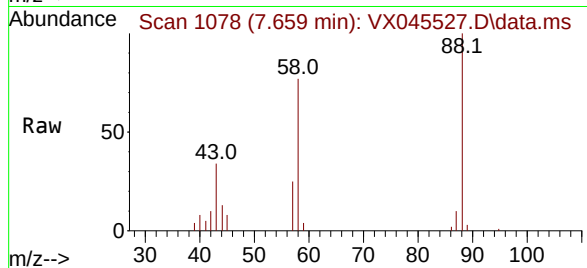
58 76.4 58.6 88.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#50

Toluene-d8

Concen: 19.921 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045527.D

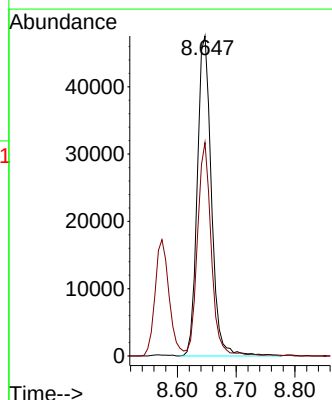
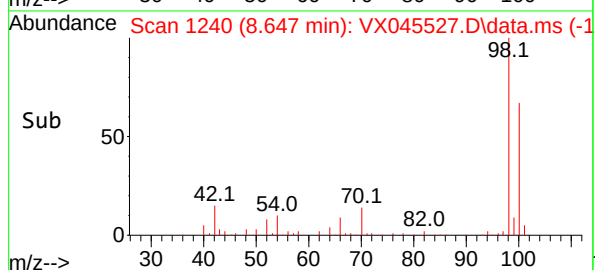
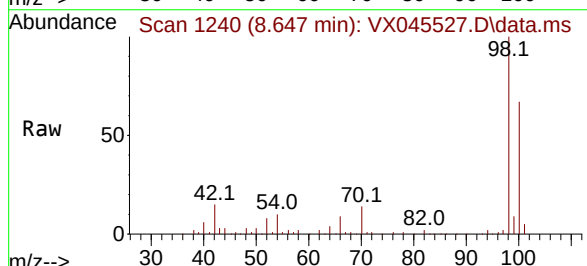
Acq: 01 Apr 2025 17:52

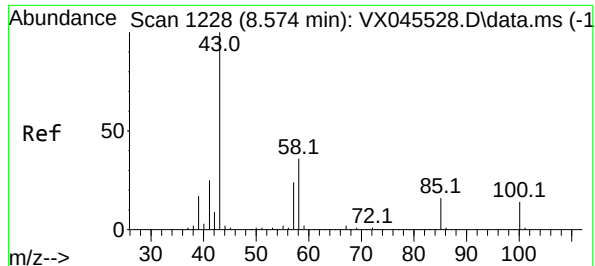
Tgt Ion: 98 Resp: 79303

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4





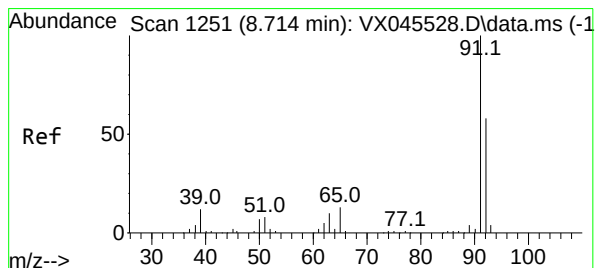
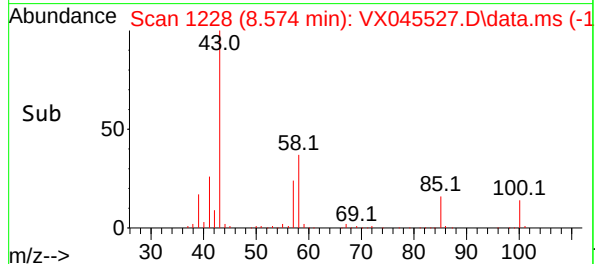
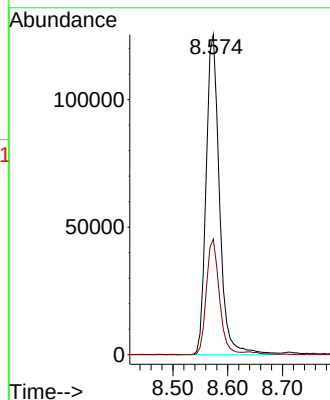
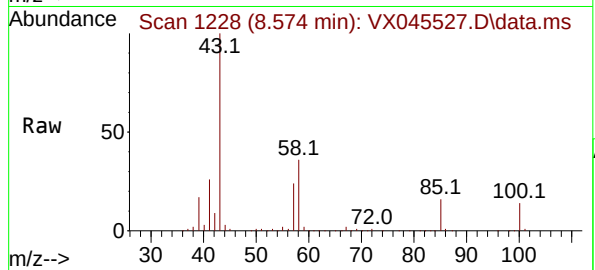
#51
4-Methyl-2-Pentanone
Concen: 109.055 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 212649
Ion Ratio Lower Upper
43 100
58 35.2 28.5 42.7

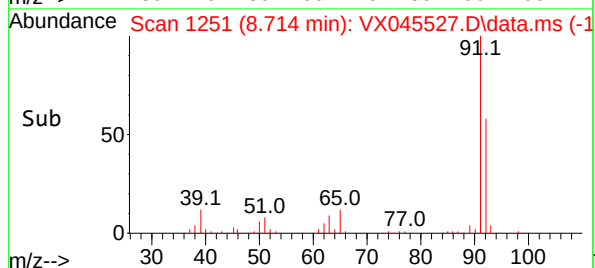
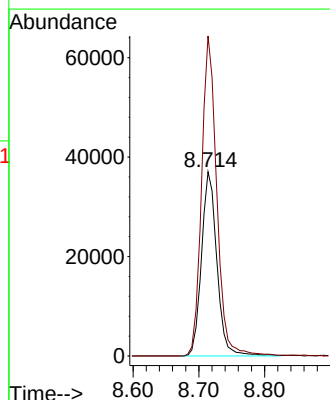
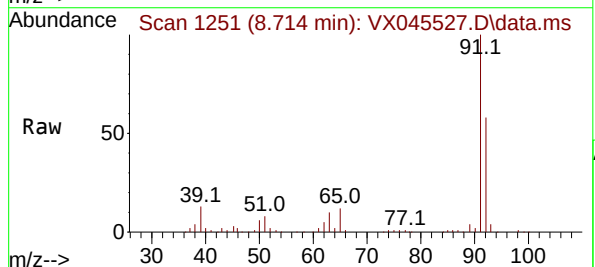
Manual Integrations
APPROVED

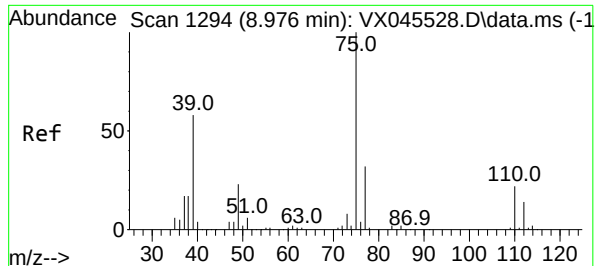
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 21.208 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 92 Resp: 60357
Ion Ratio Lower Upper
92 100
91 171.6 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 18.764 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 29870

Ion Ratio Lower Upper

75 100

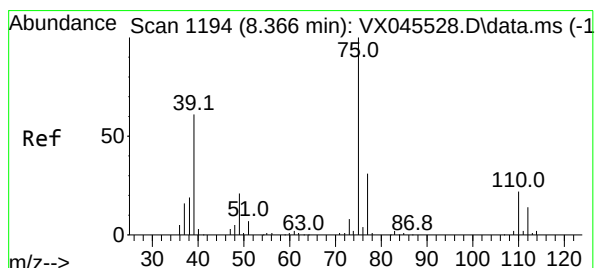
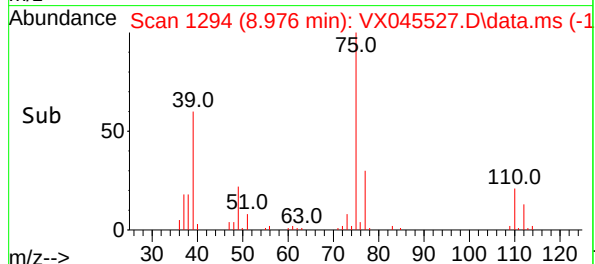
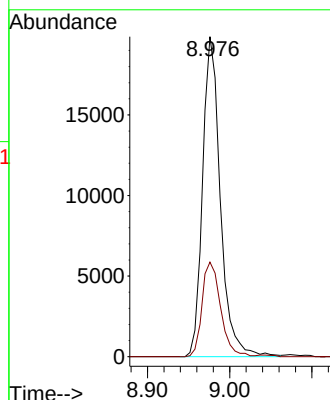
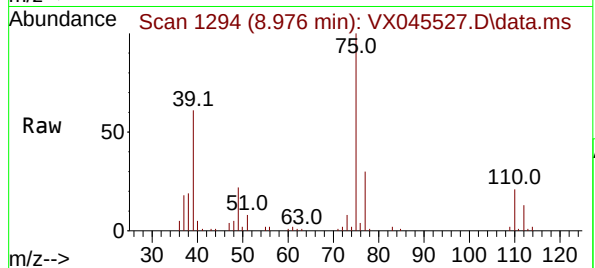
77 29.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#54

cis-1,3-Dichloropropene

Concen: 20.762 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

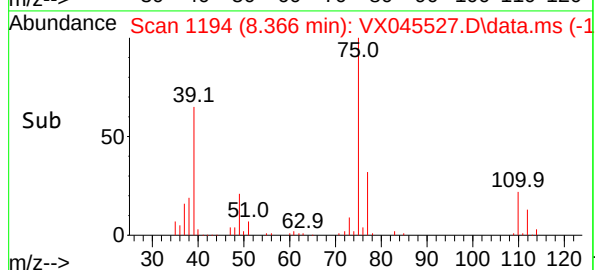
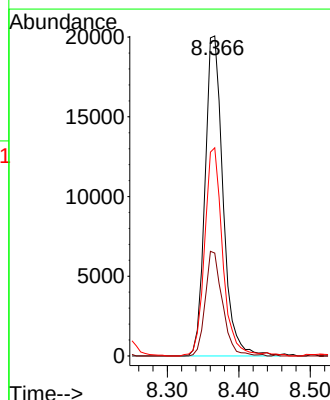
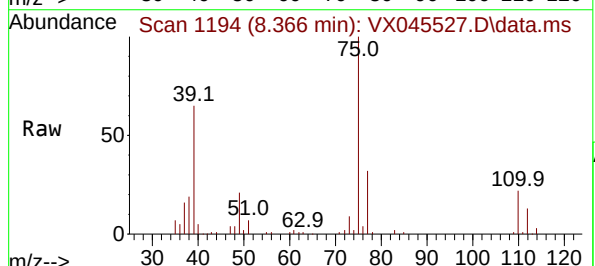
Tgt Ion: 75 Resp: 35099

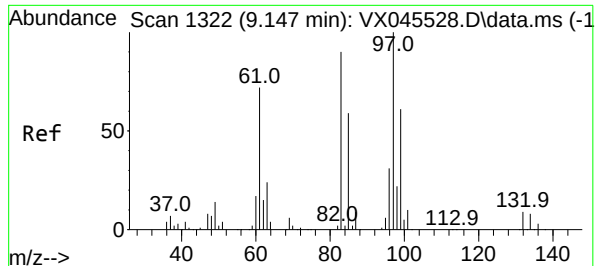
Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

39 65.0 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 21.331 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 2419

Ion Ratio Lower Upper

97 100

83 93.4 71.8 107.8

85 55.9 47.0 70.6

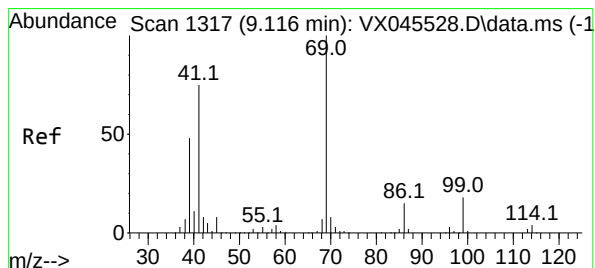
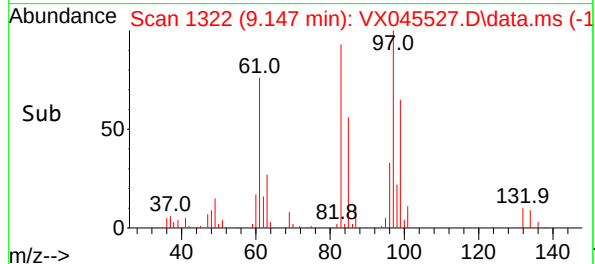
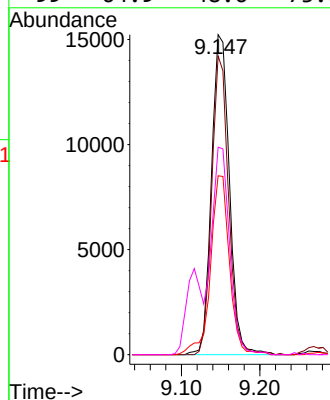
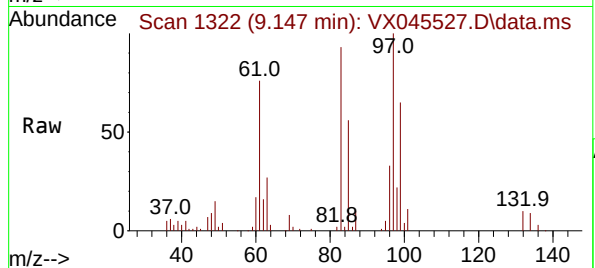
99 64.9 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#56

Ethyl methacrylate

Concen: 20.600 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

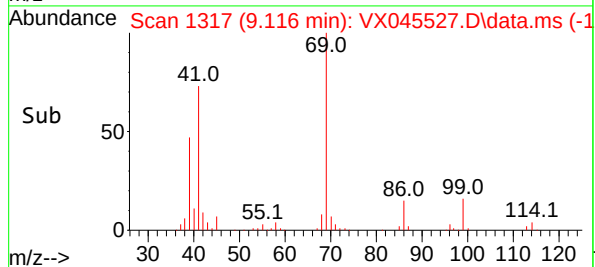
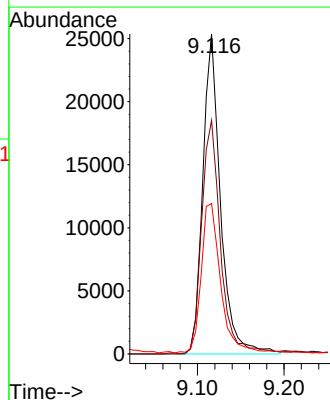
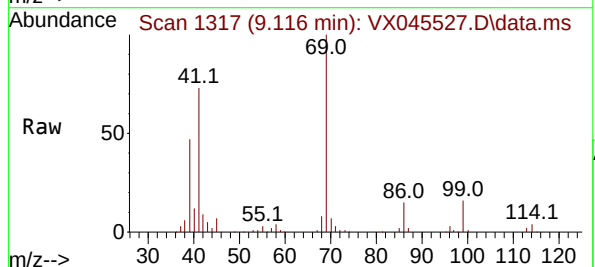
Tgt Ion: 69 Resp: 36155

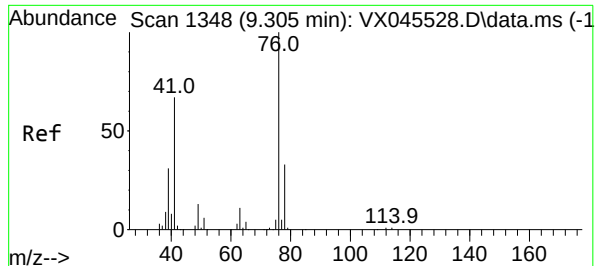
Ion Ratio Lower Upper

69 100

41 77.4 61.3 91.9

39 51.5 40.2 60.2





#57

1,3-Dichloropropane

Concen: 21.217 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 41900

Ion Ratio Lower Upper

76 100

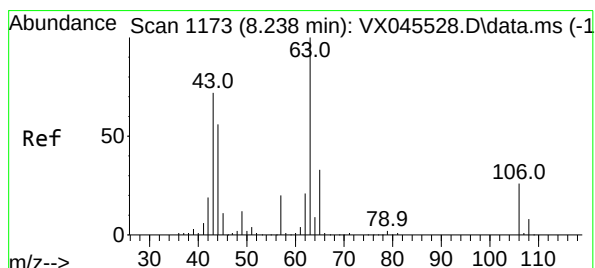
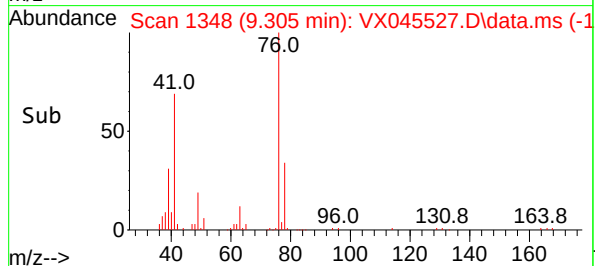
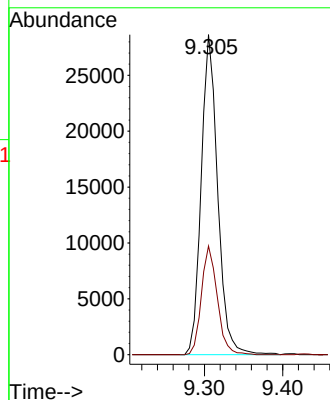
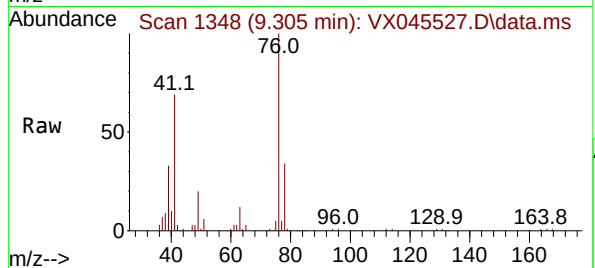
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 103.534 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045527.D

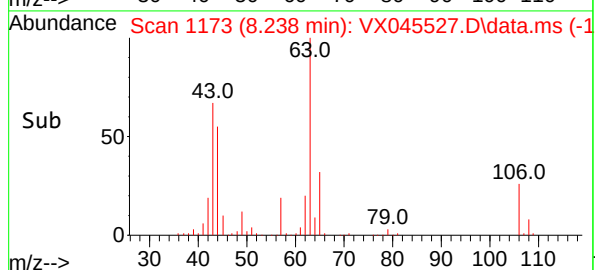
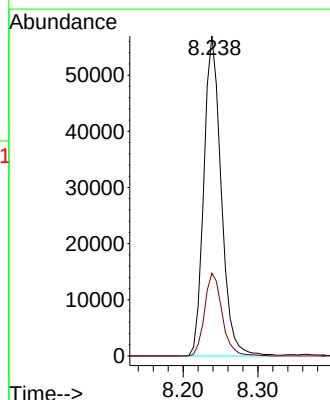
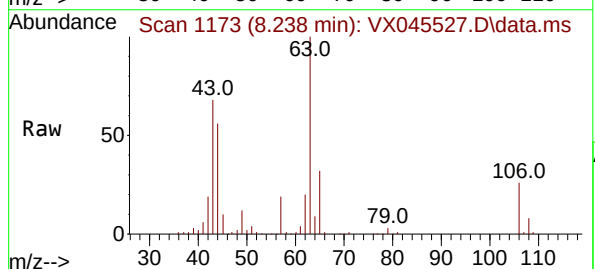
Acq: 01 Apr 2025 17:52

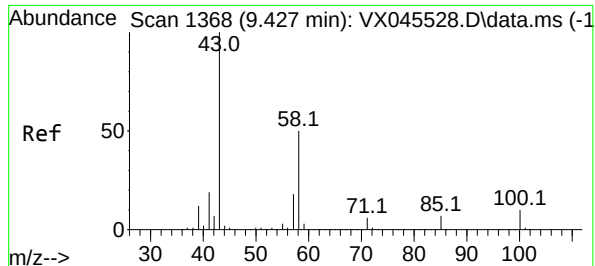
Tgt Ion: 63 Resp: 91923

Ion Ratio Lower Upper

63 100

106 26.1 21.0 31.6





#59

2-Hexanone

Concen: 108.730 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 15699

Ion Ratio Lower Upper

43 100

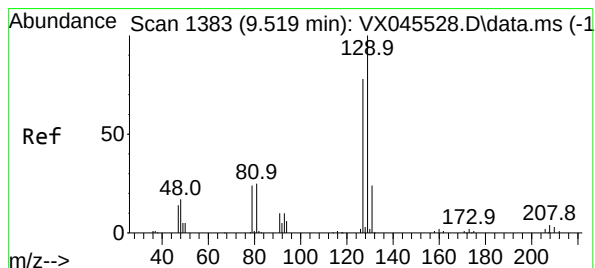
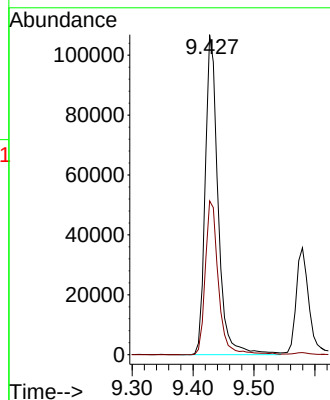
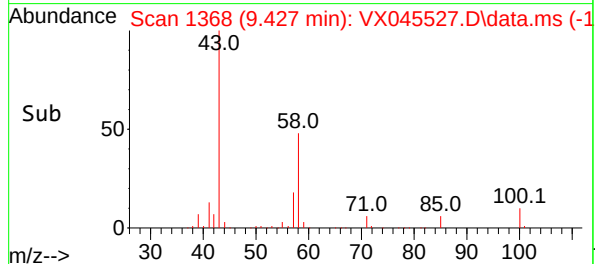
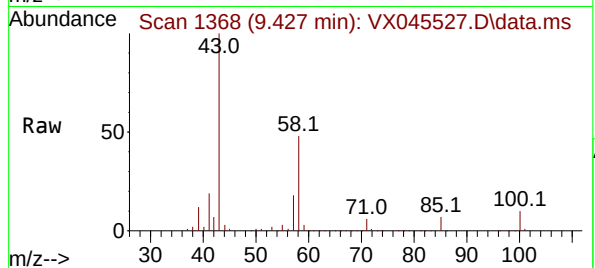
58 49.1 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#60

Dibromochloromethane

Concen: 21.023 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045527.D

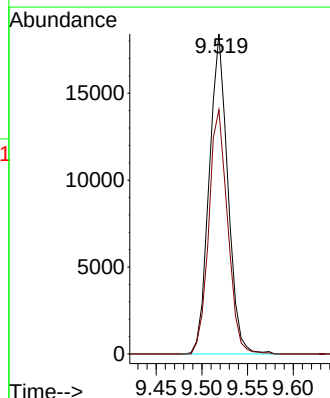
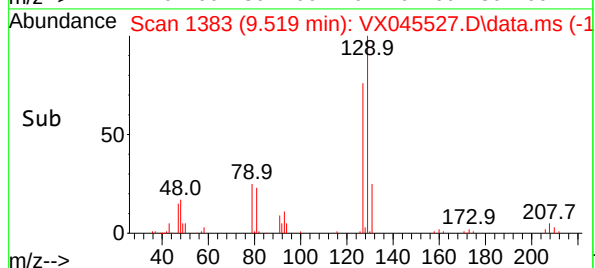
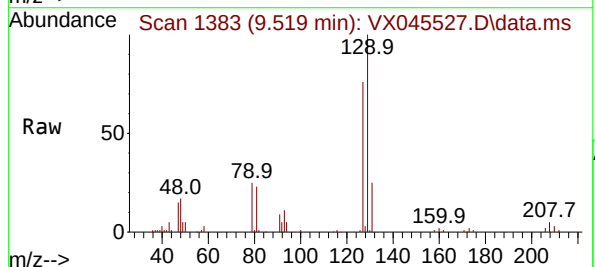
Acq: 01 Apr 2025 17:52

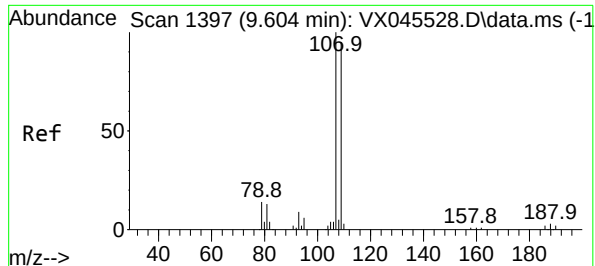
Tgt Ion:129 Resp: 25992

Ion Ratio Lower Upper

129 100

127 77.3 39.4 118.2





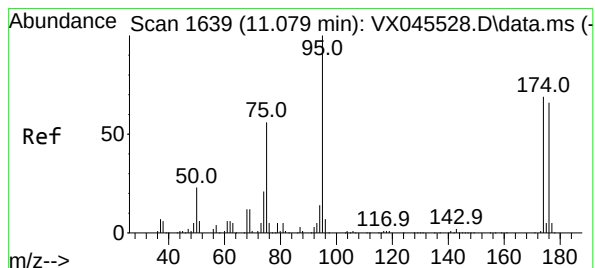
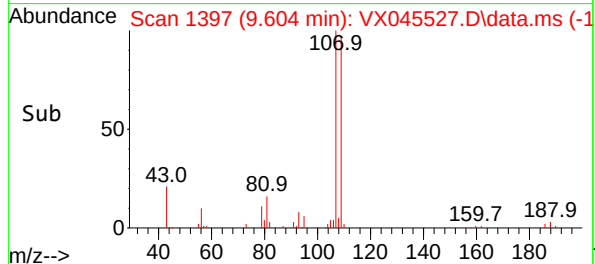
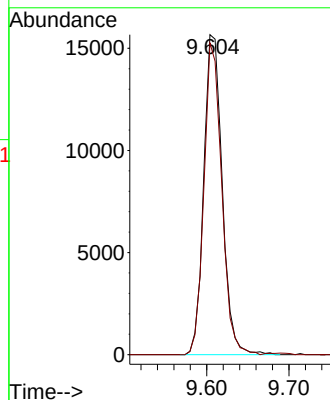
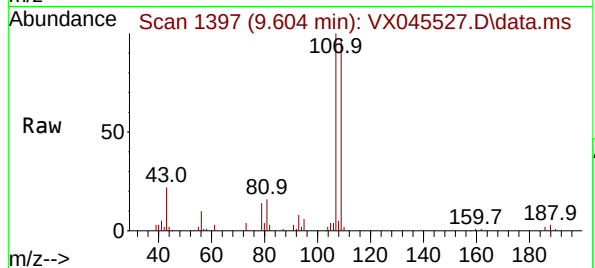
#61
1,2-Dibromoethane
Concen: 21.303 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 24456
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

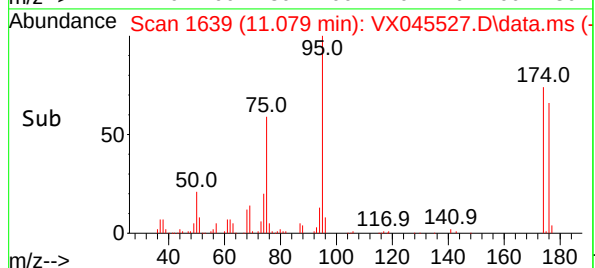
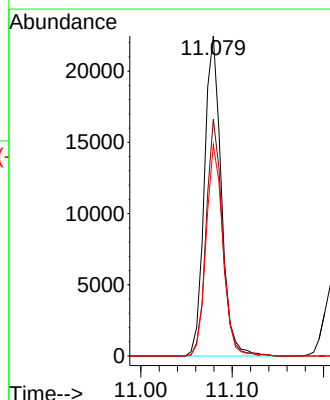
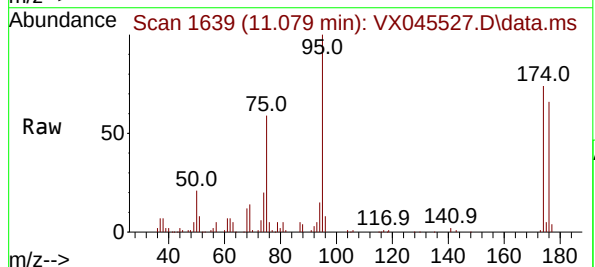
Manual Integrations
APPROVED

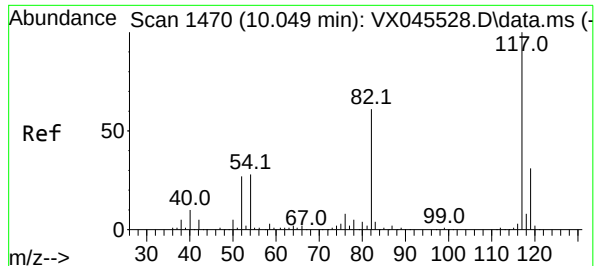
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#62
4-Bromofluorobenzene
Concen: 19.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

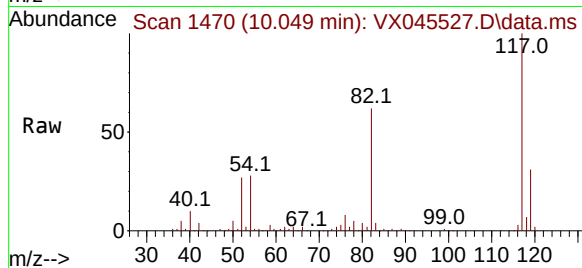
Tgt Ion: 95 Resp: 28795
Ion Ratio Lower Upper
95 100
174 71.1 0.0 135.8
176 65.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

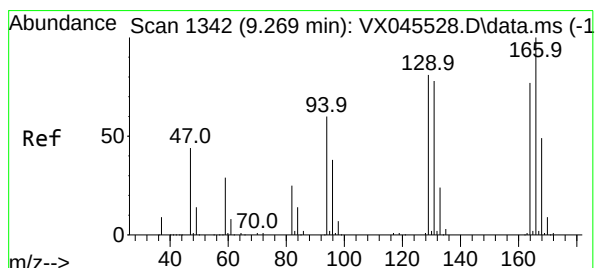
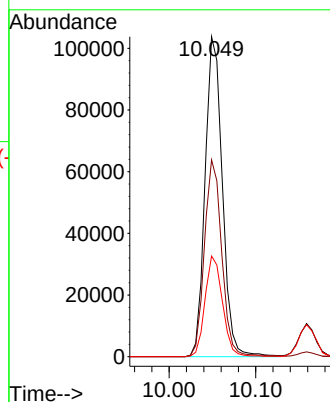
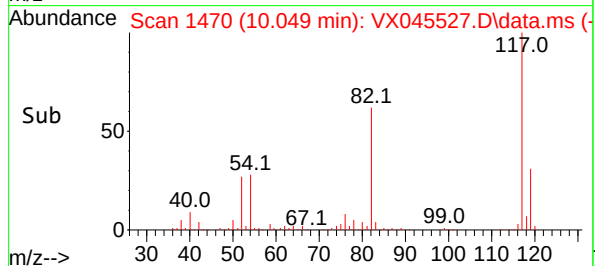
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 14408
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 31.5 25.1 37.7

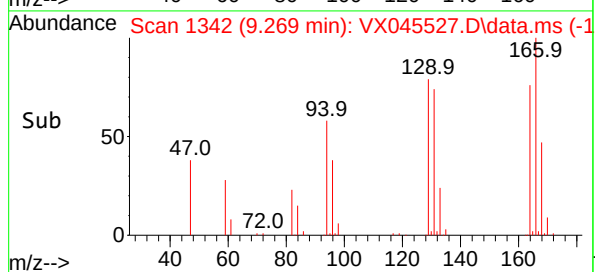
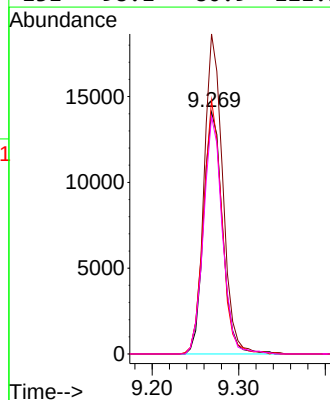
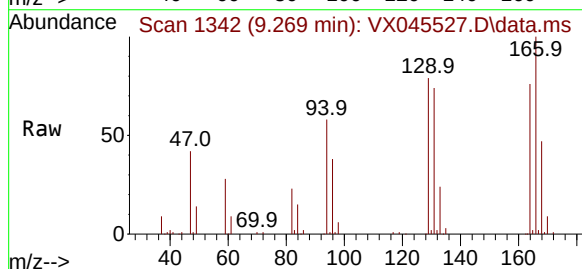
Manual Integrations
APPROVED

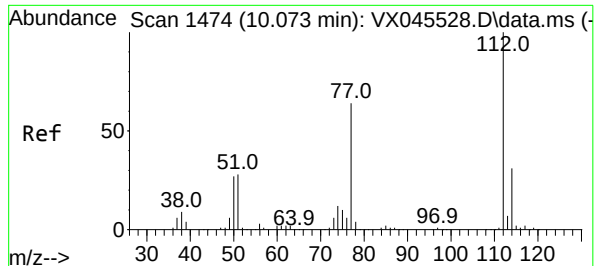
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#64
Tetrachloroethene
Concen: 21.015 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:164 Resp: 21379
Ion Ratio Lower Upper
164 100
166 132.2 103.8 155.8
129 104.9 84.3 126.5
131 98.1 80.9 121.3





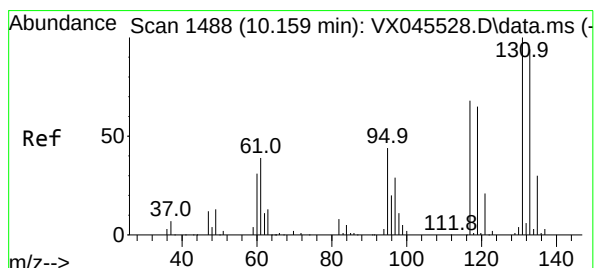
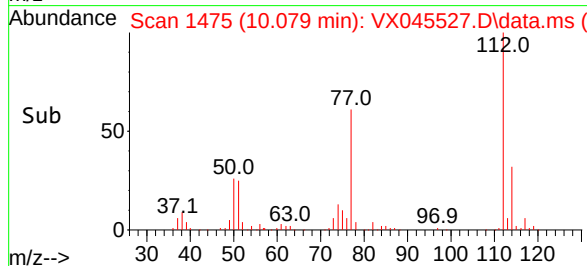
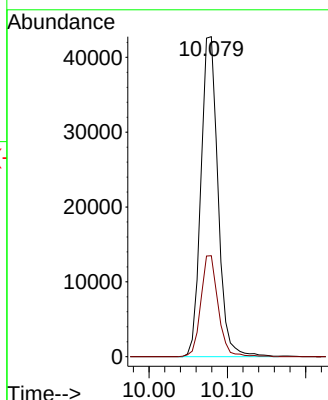
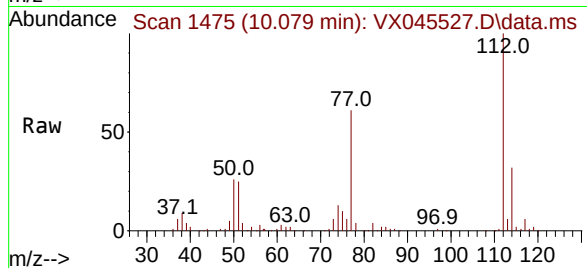
#65
Chlorobenzene
Concen: 21.023 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 6472
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1

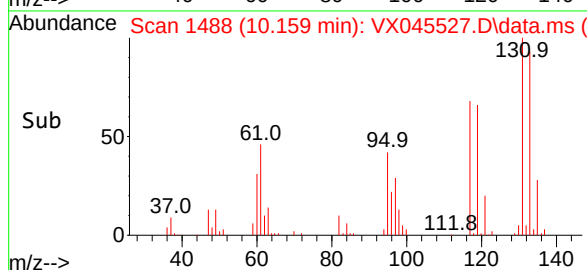
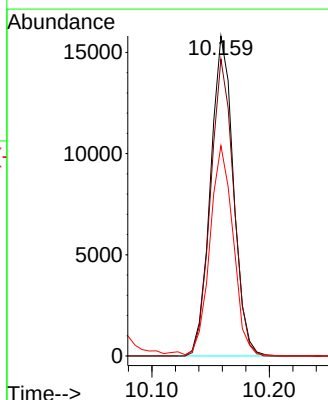
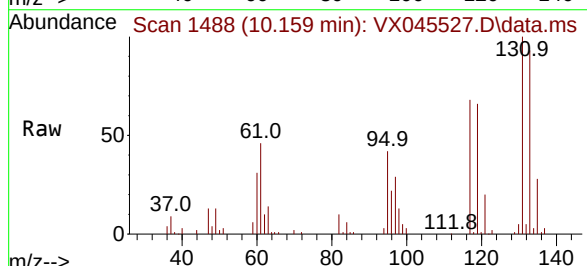
Manual Integrations
APPROVED

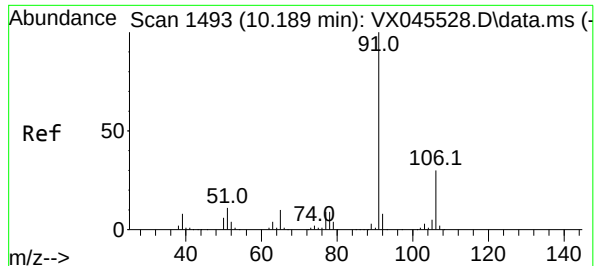
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.064 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:131 Resp: 21447
Ion Ratio Lower Upper
131 100
133 92.8 47.5 142.5
119 66.3 32.9 98.6





#67

Ethyl Benzene

Concen: 20.921 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 115368

Ion Ratio Lower Upper

91 100

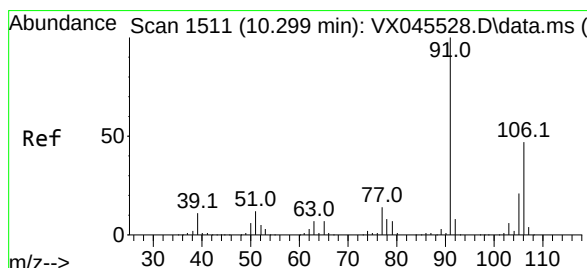
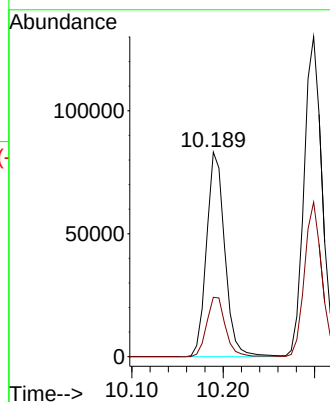
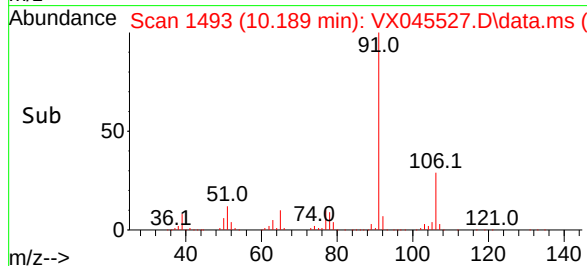
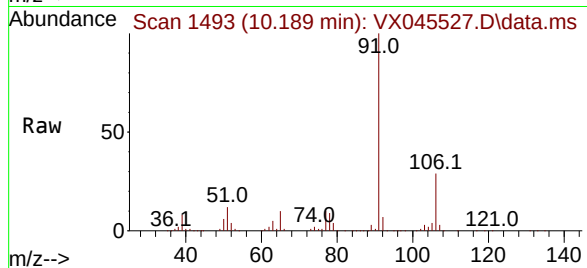
106 29.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#68

m/p-Xylenes

Concen: 42.092 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045527.D

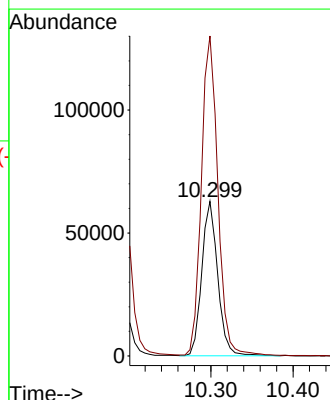
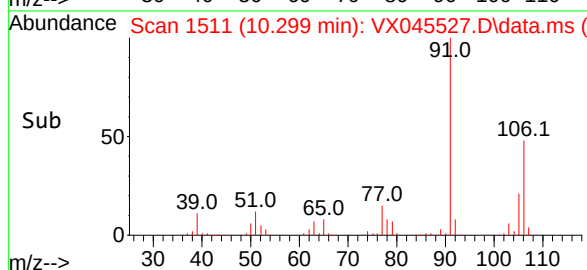
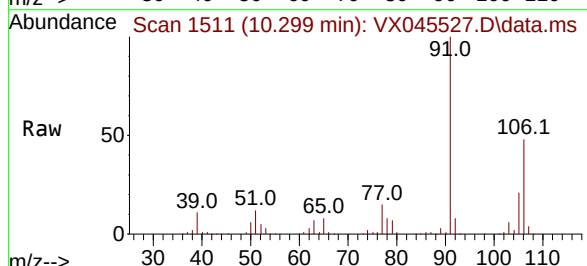
Acq: 01 Apr 2025 17:52

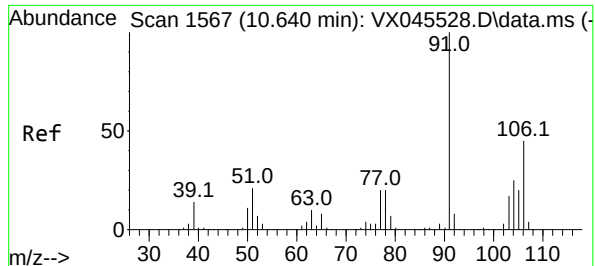
Tgt Ion:106 Resp: 84420

Ion Ratio Lower Upper

106 100

91 214.4 172.6 258.8





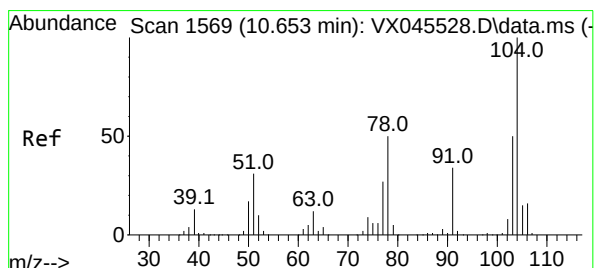
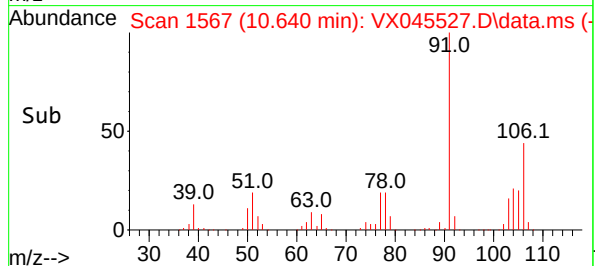
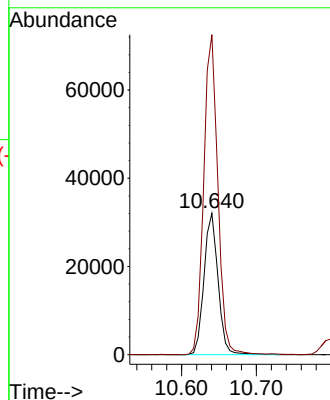
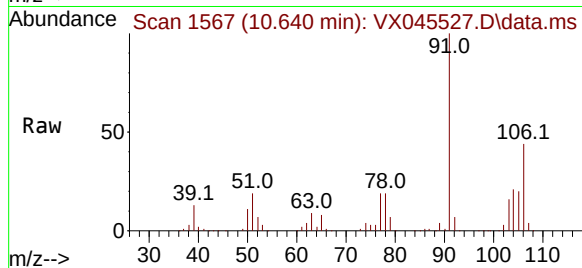
#69
o-Xylene
Concen: 21.158 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 4180
Ion Ratio Lower Upper
106 100
91 226.9 113.6 340.6

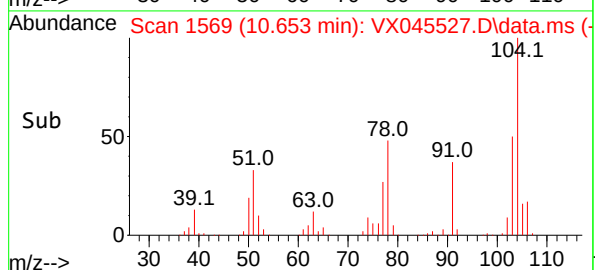
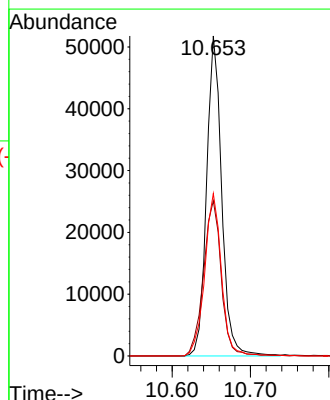
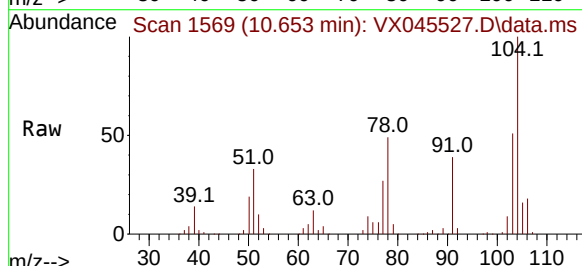
Manual Integrations
APPROVED

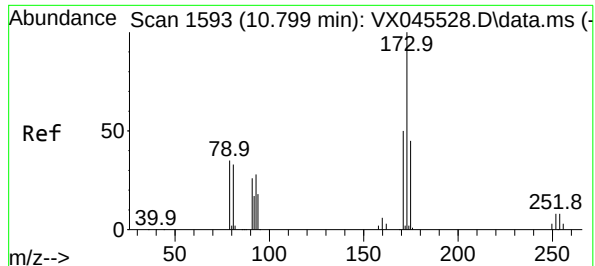
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#70
Styrene
Concen: 21.249 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

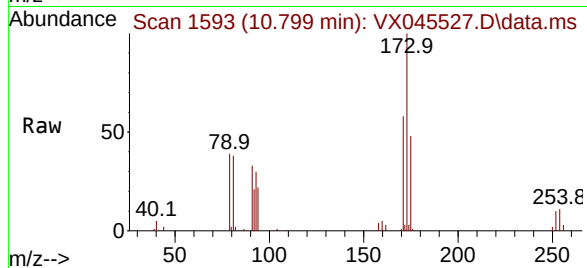
Tgt Ion:104 Resp: 69290
Ion Ratio Lower Upper
104 100
78 57.0 45.4 68.2
103 56.5 43.8 65.8





#71
Bromoform
Concen: 19.619 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

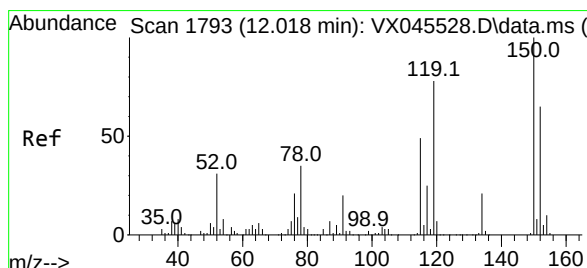
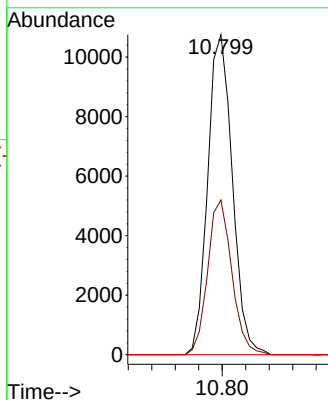
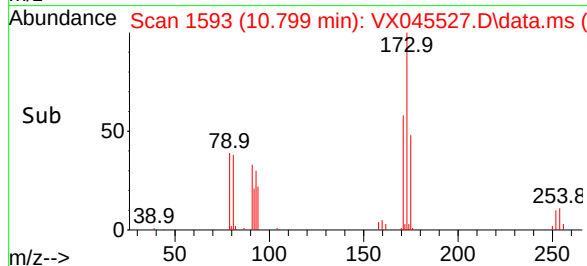
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 15659
Ion Ratio Lower Upper
173 100
175 47.5 23.4 70.2
254 0.0 0.0 0.0

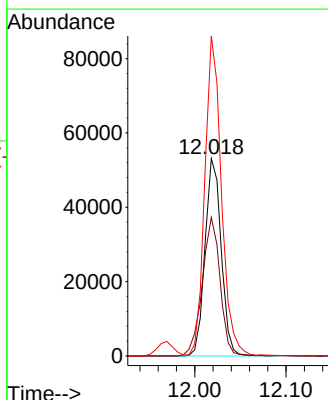
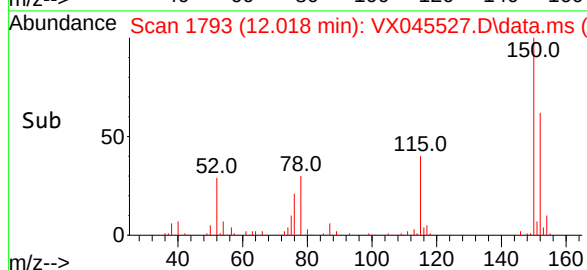
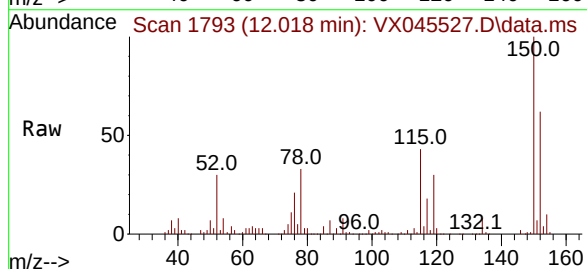
Manual Integrations
APPROVED

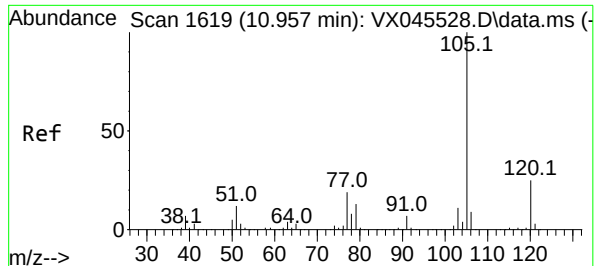
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

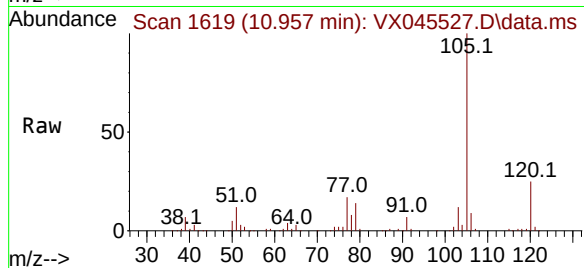
Tgt Ion:152 Resp: 65341
Ion Ratio Lower Upper
152 100
115 76.8 46.9 140.7
150 166.0 0.0 349.4





#73
Isopropylbenzene
Concen: 21.093 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

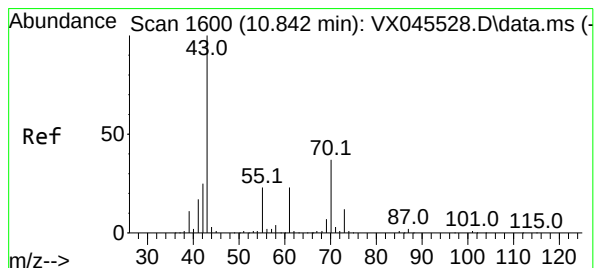
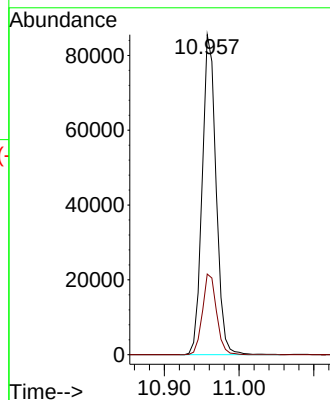
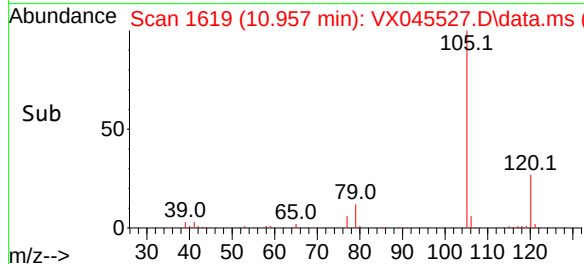
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 110390
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

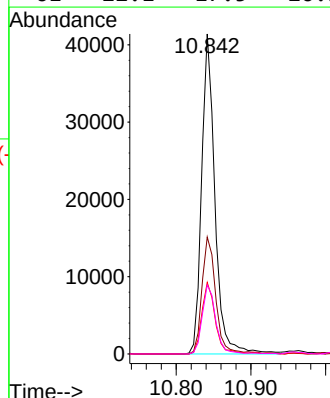
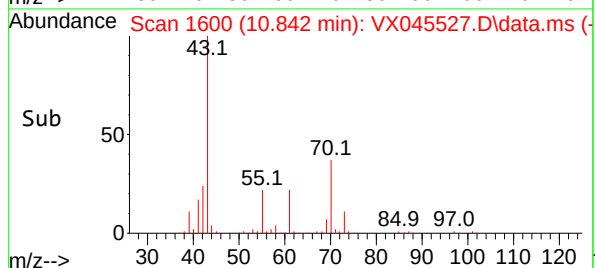
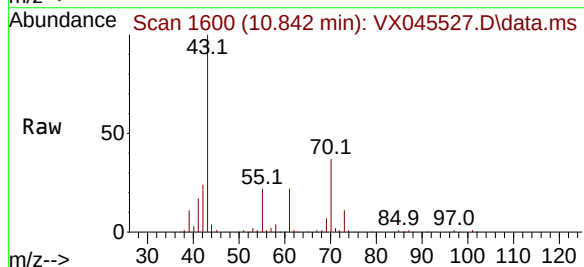
Manual Integrations
APPROVED

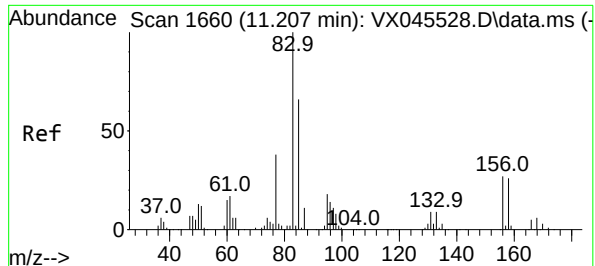
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#74
N-ethyl acetate
Concen: 20.466 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 51238
Ion Ratio Lower Upper
43 100
70 38.1 30.1 45.1
55 22.5 18.3 27.5
61 22.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.764 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

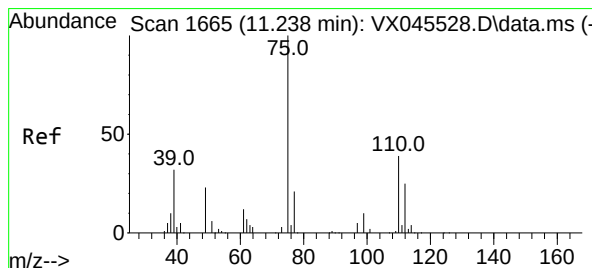
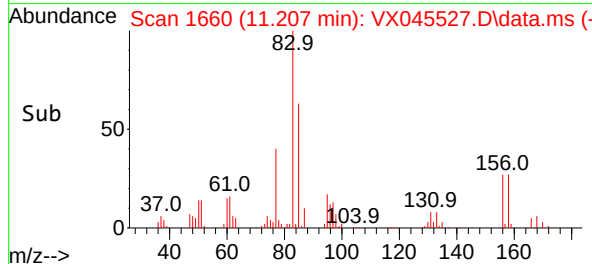
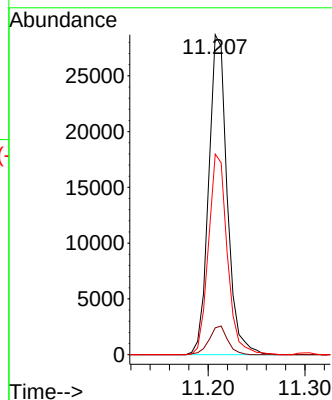
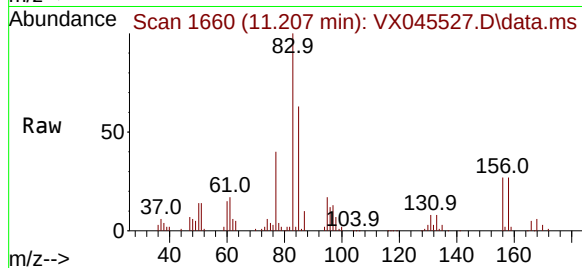
Tgt Ion:	83	Resp:	3817
Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.7	14.1
85	63.7	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#76

1,2,3-Trichloropropane

Concen: 20.510 ug/l m

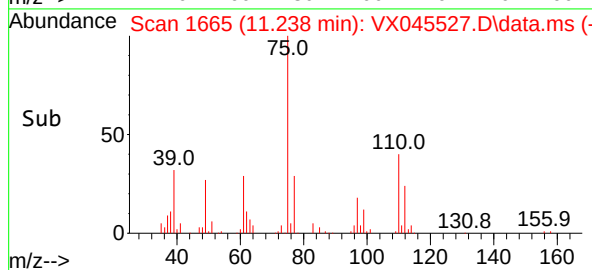
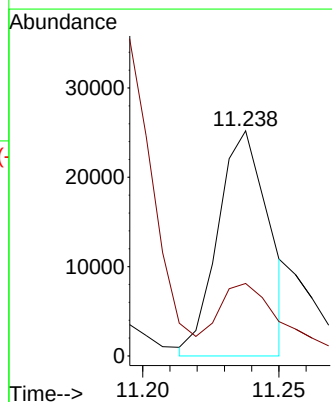
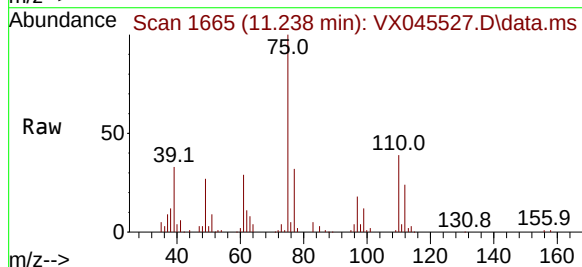
RT: 11.238 min Scan# 1665

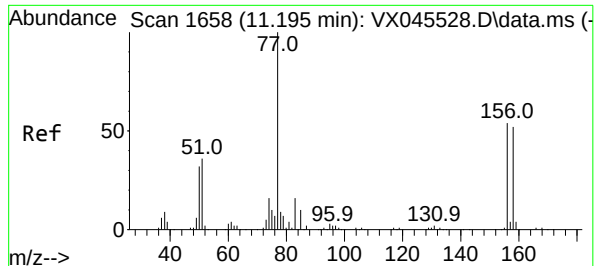
Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

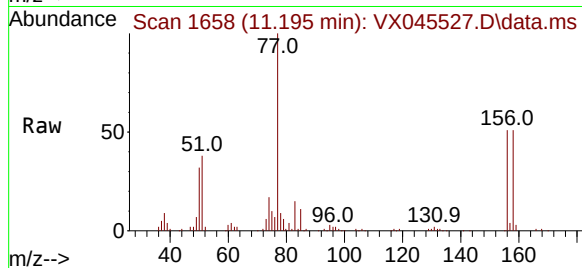
Tgt Ion:	75	Resp:	32690
Ion	Ratio	Lower	Upper
75	100		
77	41.2	20.0	59.9





#77
Bromobenzene
Concen: 20.592 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

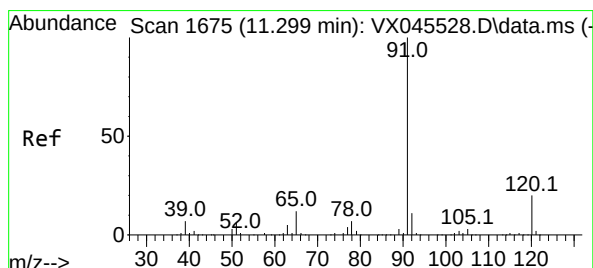
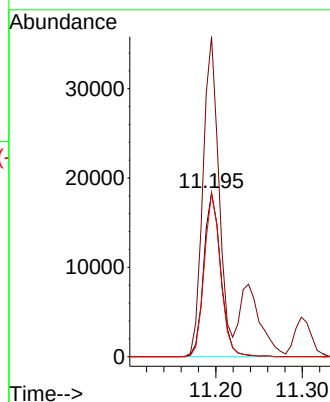
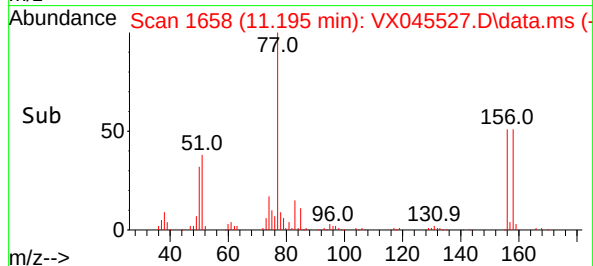
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:156 Resp: 24902
Ion Ratio Lower Upper
156 100
77 185.0 92.6 277.8
158 96.7 48.1 144.4

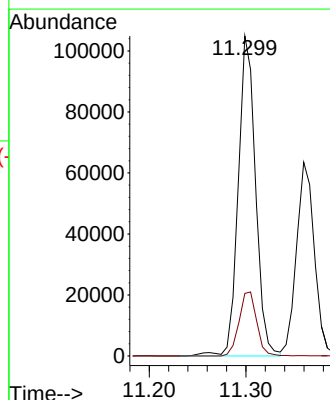
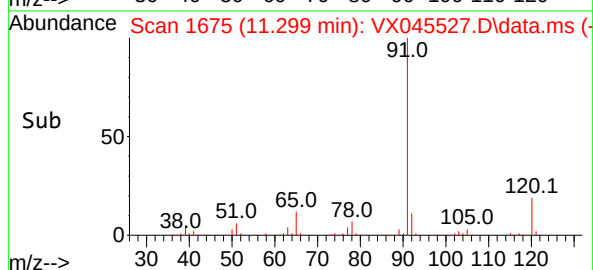
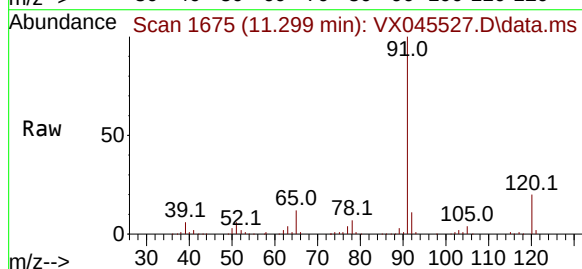
Manual Integrations
APPROVED

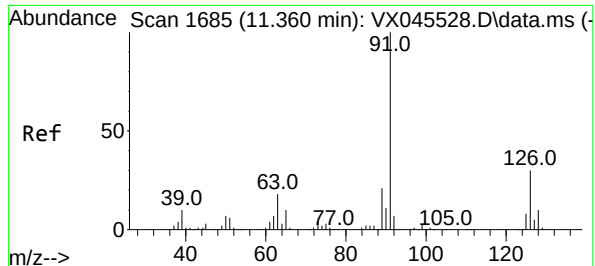
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#78
n-propylbenzene
Concen: 21.729 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 91 Resp: 130994
Ion Ratio Lower Upper
91 100
120 20.5 10.8 32.3





#79

2-Chlorotoluene

Concen: 21.229 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 8181

Ion Ratio Lower Upper

91 100

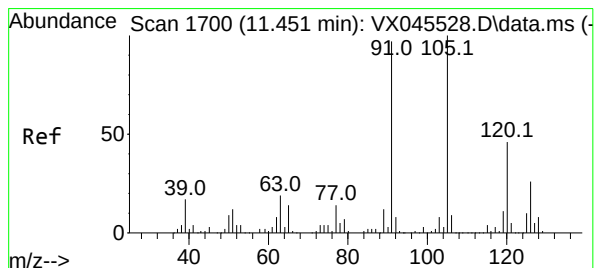
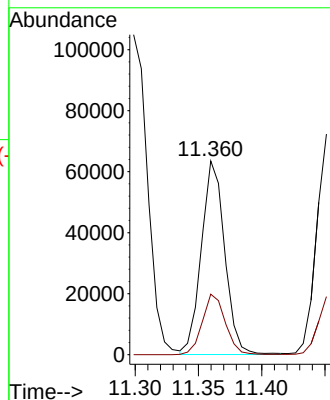
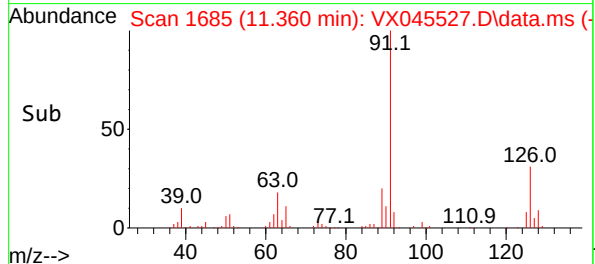
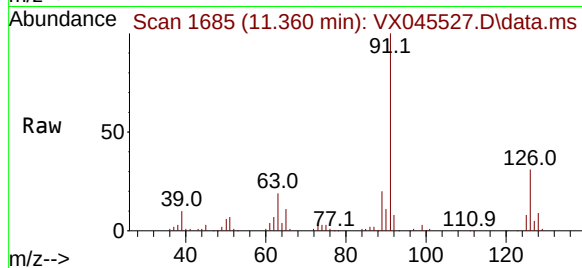
126 30.9 15.8 47.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#80

1,3,5-Trimethylbenzene

Concen: 21.564 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045527.D

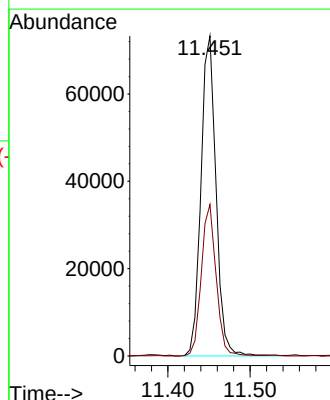
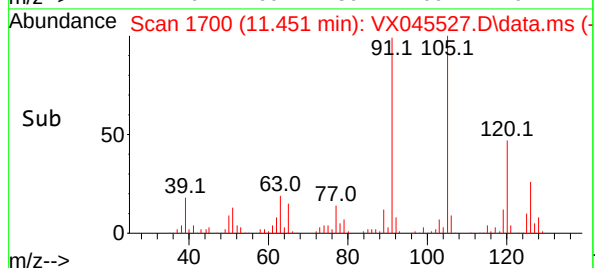
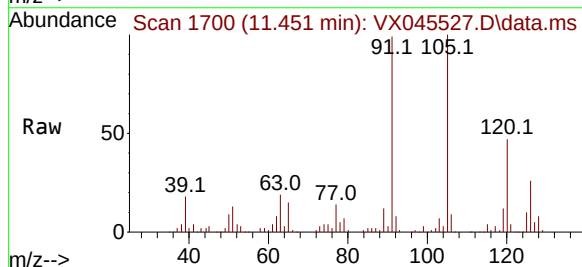
Acq: 01 Apr 2025 17:52

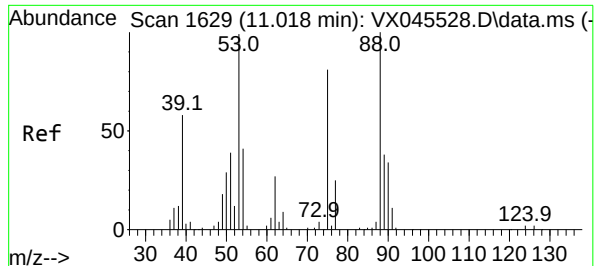
Tgt Ion:105 Resp: 93328

Ion Ratio Lower Upper

105 100

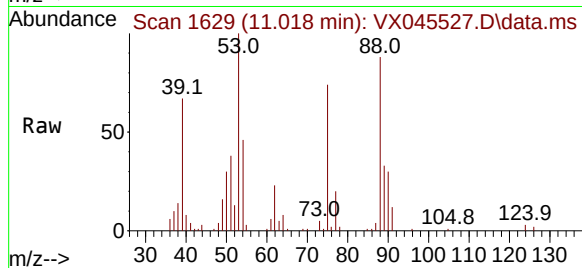
120 46.5 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.961 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

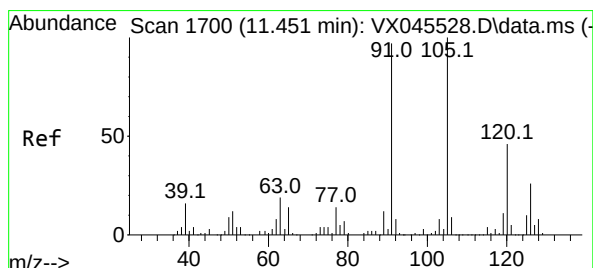
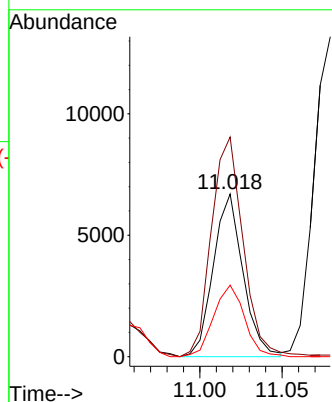
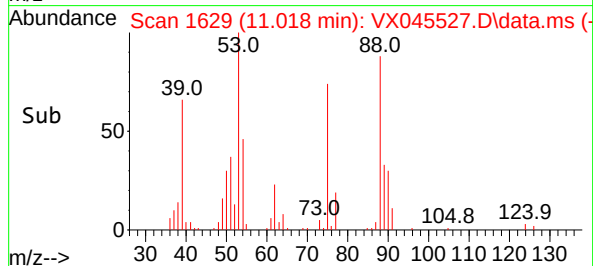
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 843
Ion Ratio Lower Upper
75 100
53 144.7 101.8 152.6
89 45.5 37.2 55.8

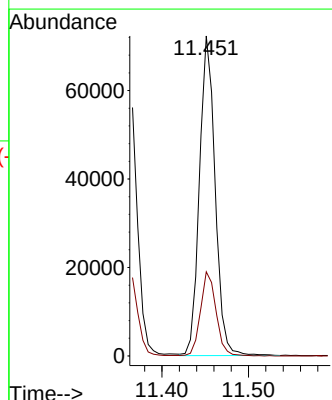
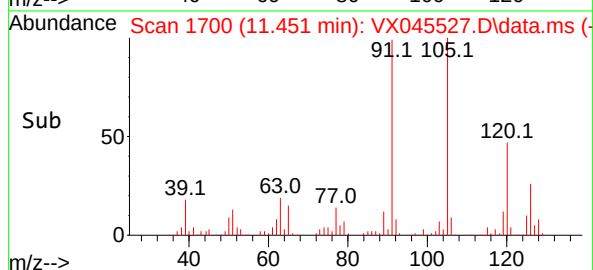
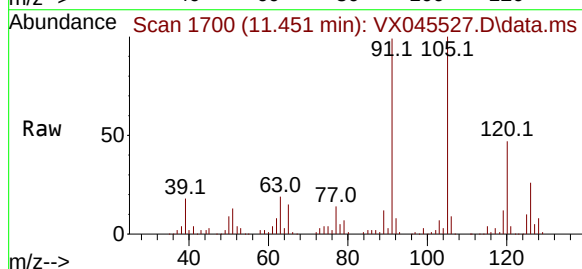
Manual Integrations
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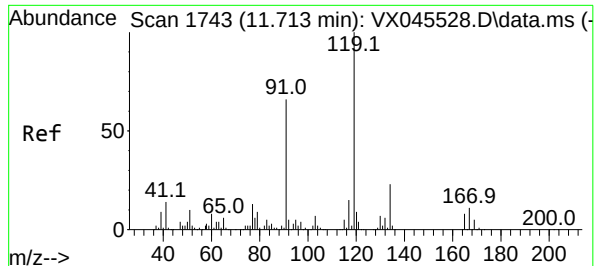
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#82
4-Chlorotoluene
Concen: 21.108 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 91 Resp: 90704
Ion Ratio Lower Upper
91 100
126 26.2 13.3 39.9





#83

tert-Butylbenzene

Concen: 20.964 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 89828

Ion Ratio Lower Upper

119 100

91 65.7 32.4 97.2

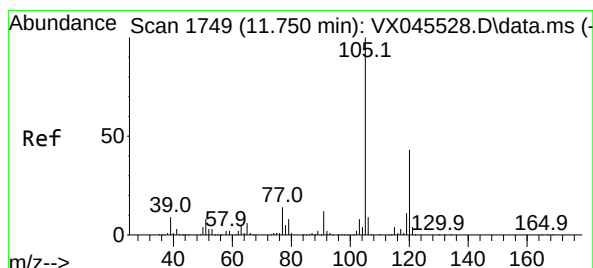
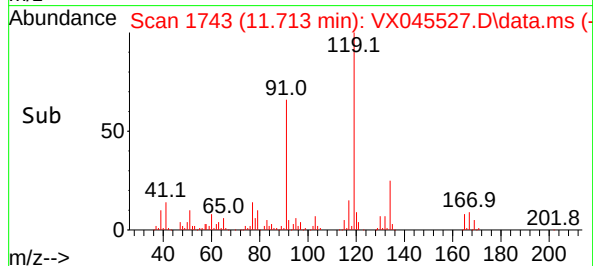
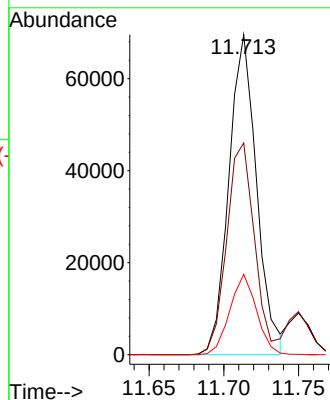
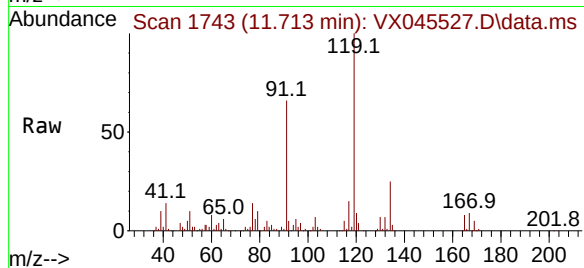
134 24.2 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#84

1,2,4-Trimethylbenzene

Concen: 21.235 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045527.D

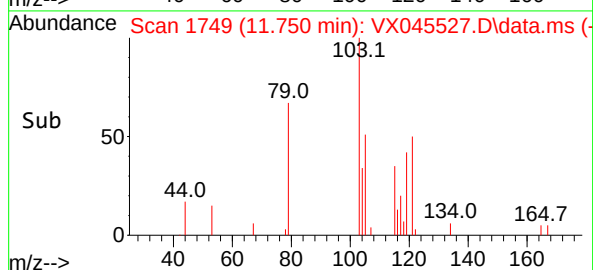
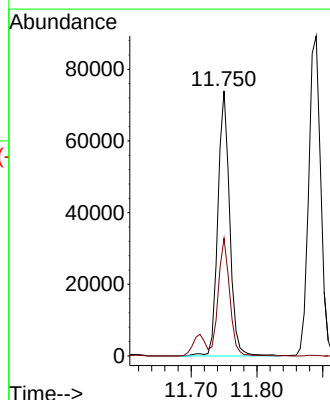
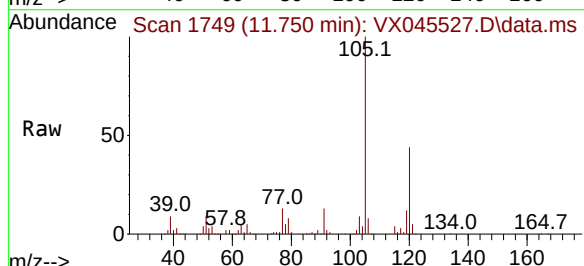
Acq: 01 Apr 2025 17:52

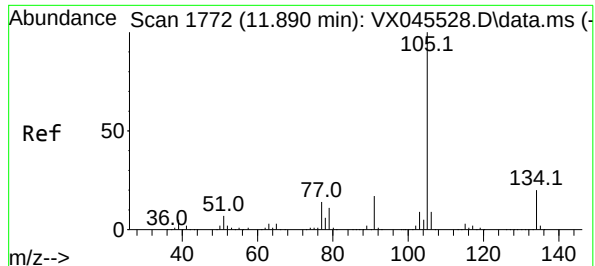
Tgt Ion:105 Resp: 92242

Ion Ratio Lower Upper

105 100

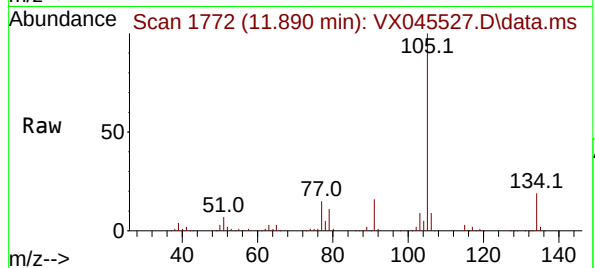
120 43.1 21.4 64.3





#85
sec-Butylbenzene
Concen: 21.433 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

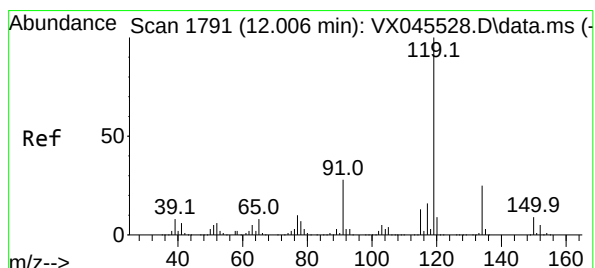
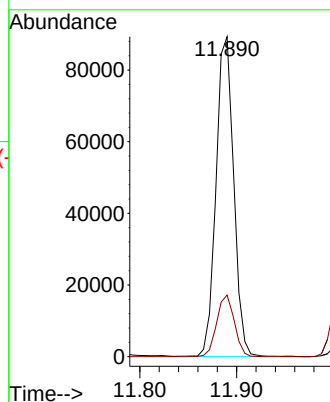
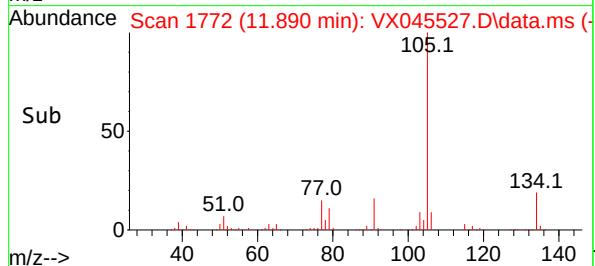
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 112800
Ion Ratio Lower Upper
105 100
134 19.3 9.6 28.6

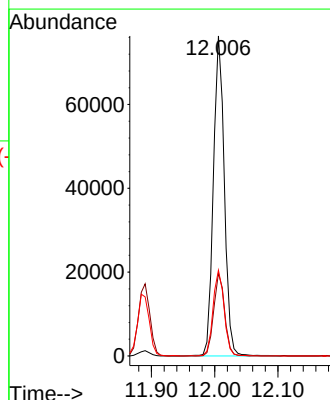
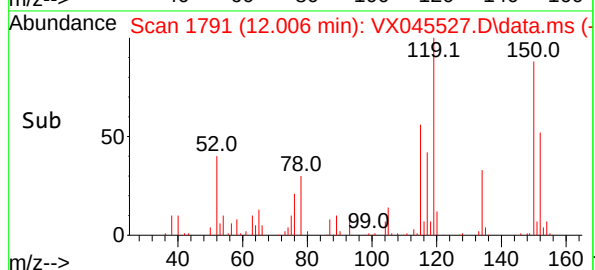
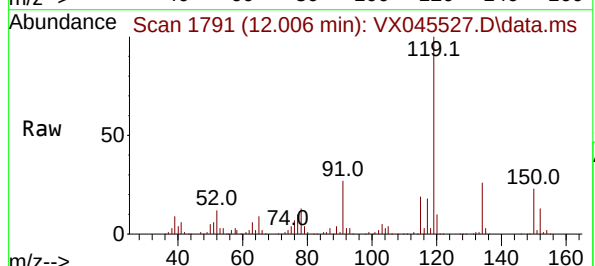
Manual Integrations
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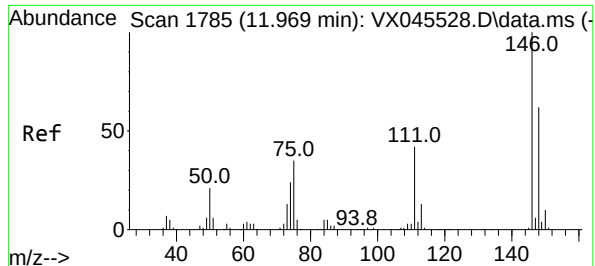
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#86
p-Isopropyltoluene
Concen: 21.173 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:119 Resp: 91866
Ion Ratio Lower Upper
119 100
134 25.7 12.6 37.8
91 27.1 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 20.490 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 4510

Ion Ratio Lower Upper

146 100

111 43.9 22.2 66.6

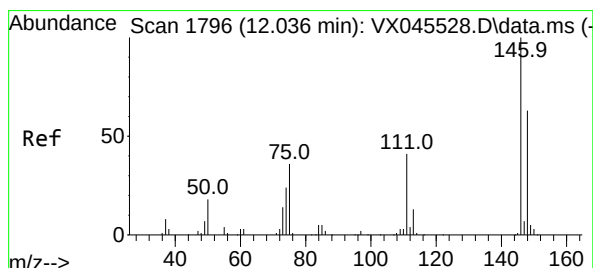
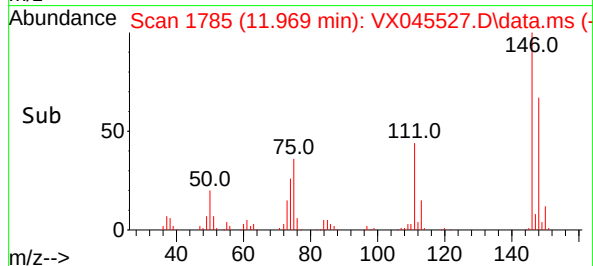
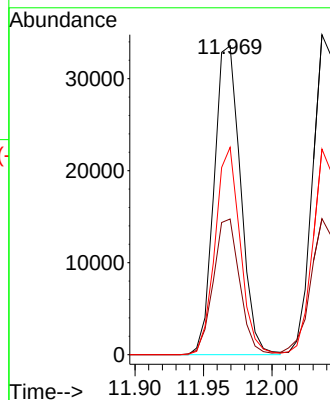
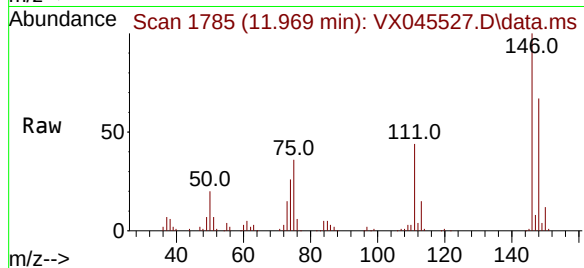
148 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#88

1,4-Dichlorobenzene

Concen: 20.706 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

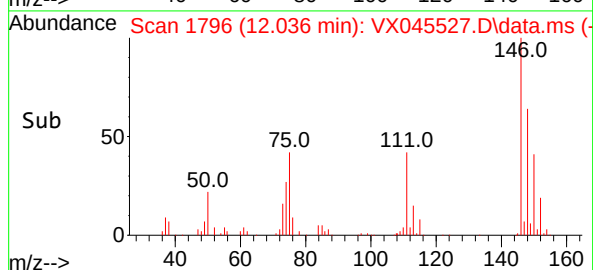
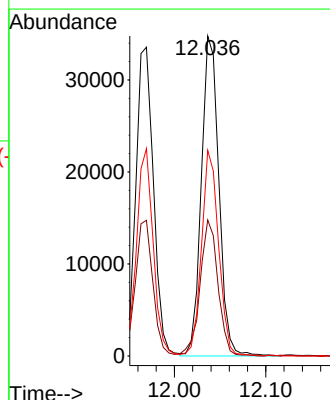
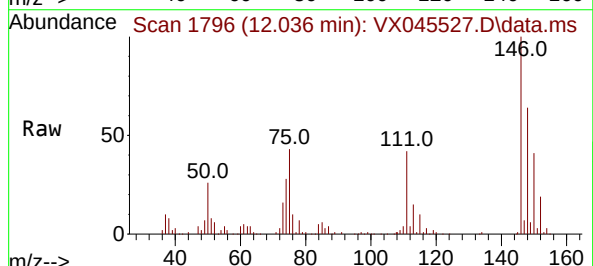
Tgt Ion:146 Resp: 46208

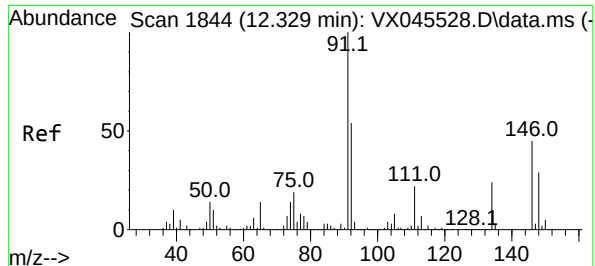
Ion Ratio Lower Upper

146 100

111 43.6 20.9 62.8

148 62.6 31.5 94.5





#89

n-Butylbenzene

Concen: 20.662 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045527.D

Acq: 01 Apr 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 77739

Ion Ratio Lower Upper

91 100

92 53.5 26.9 80.6

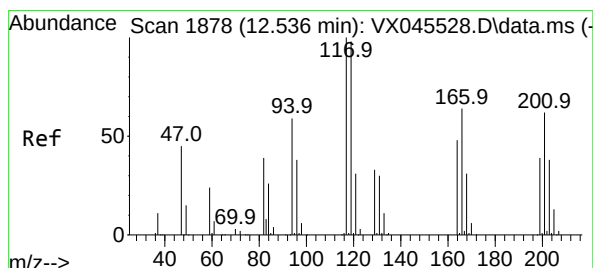
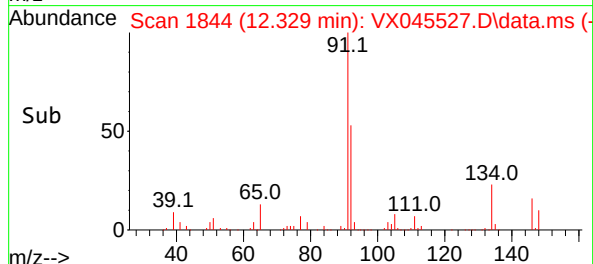
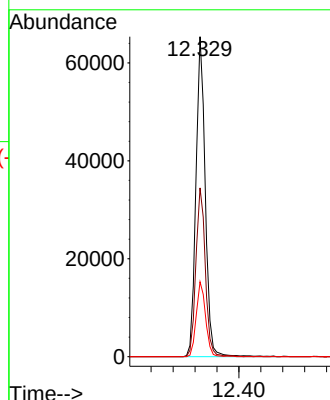
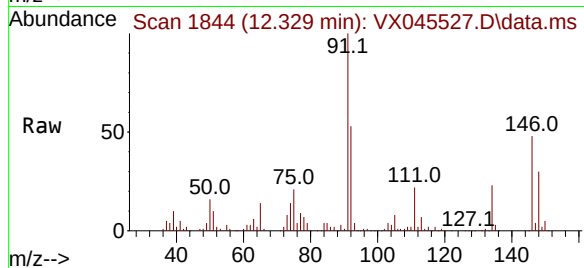
134 23.4 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#90

Hexachloroethane

Concen: 19.505 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045527.D

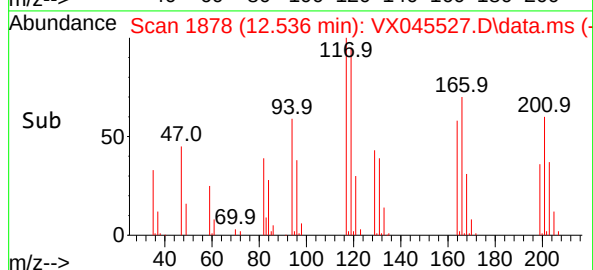
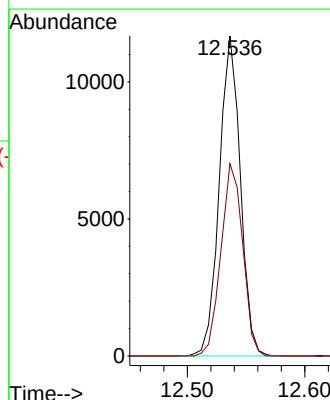
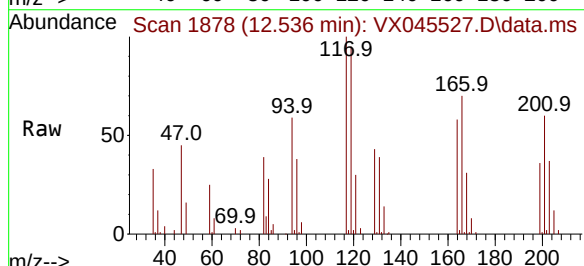
Acq: 01 Apr 2025 17:52

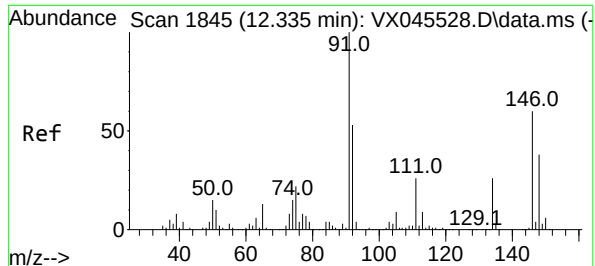
Tgt Ion:117 Resp: 14544

Ion Ratio Lower Upper

117 100

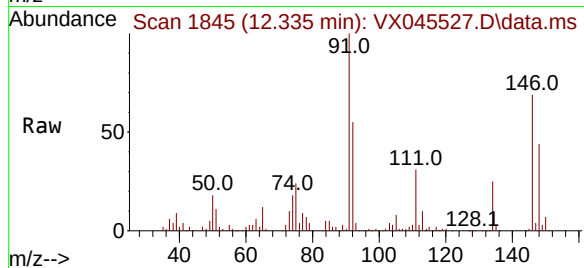
201 62.2 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 20.896 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

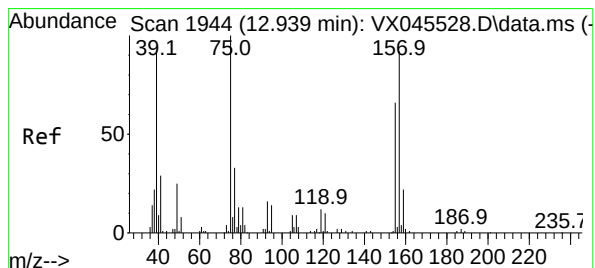
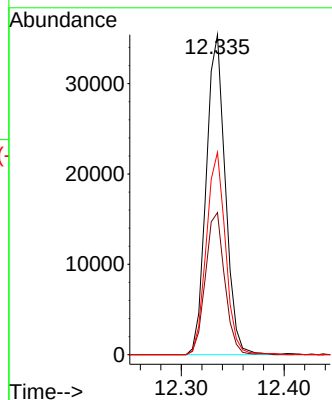
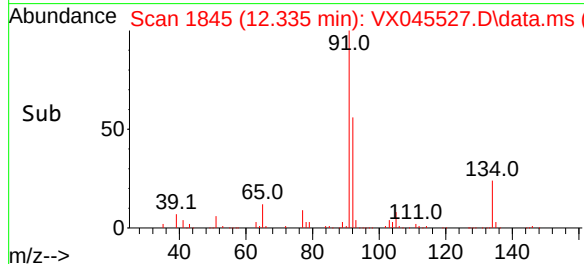
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 4573
Ion Ratio Lower Upper
146 100
111 45.0 22.9 68.8
148 63.6 31.9 95.5

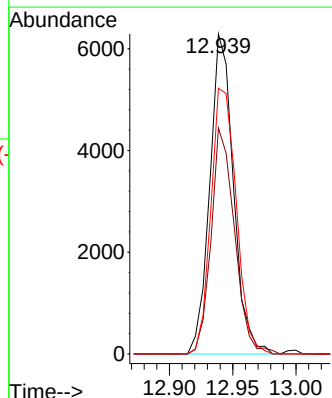
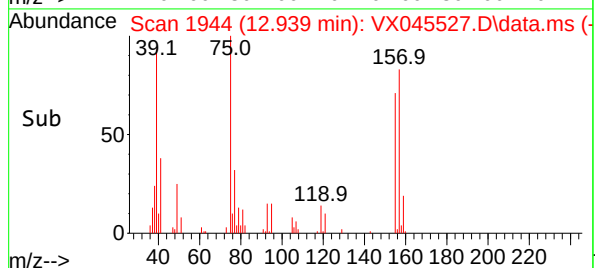
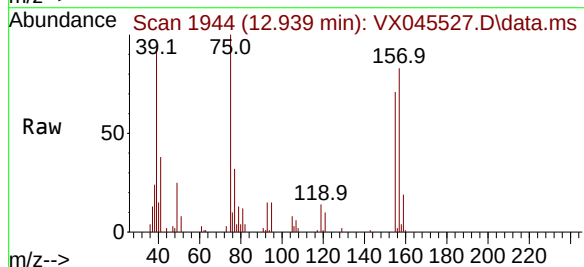
Manual Integrations
APPROVED

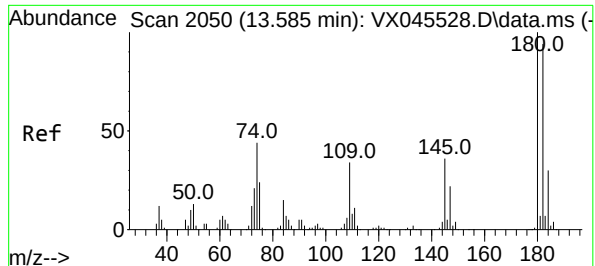
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.203 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

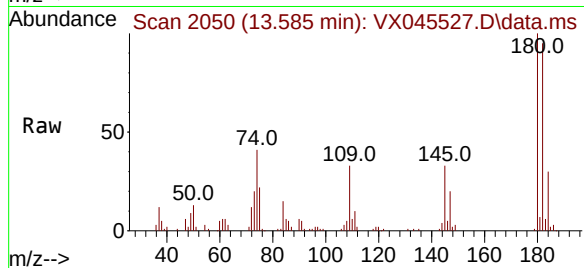
Tgt Ion: 75 Resp: 8153
Ion Ratio Lower Upper
75 100
155 70.0 34.9 104.7
157 89.1 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.347 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

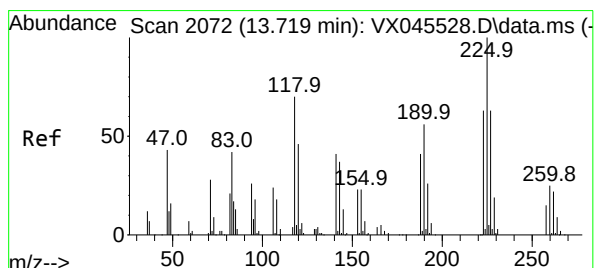
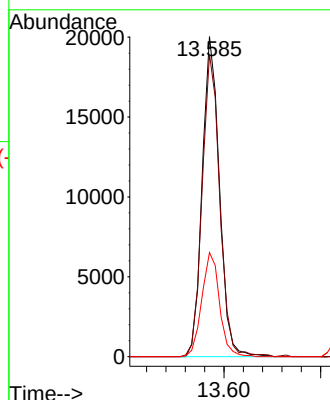
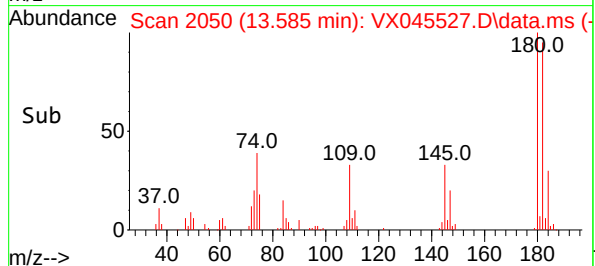
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:180 Resp: 2478
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.6
145 33.6 17.9 53.8

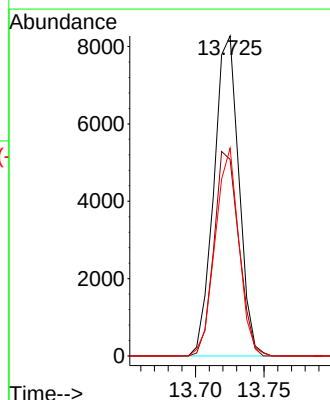
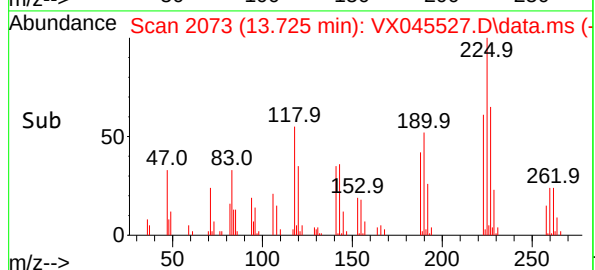
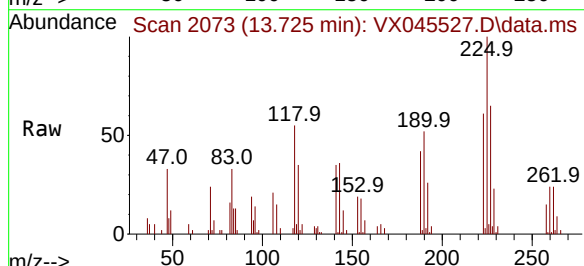
Manual Integrations
APPROVED

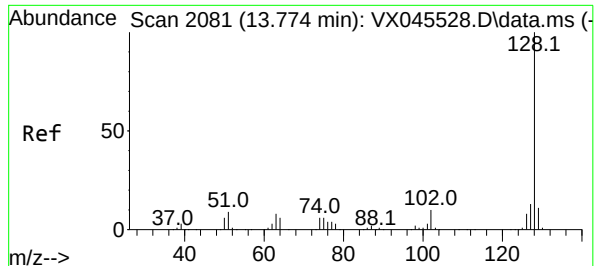
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#94
Hexachlorobutadiene
Concen: 19.979 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

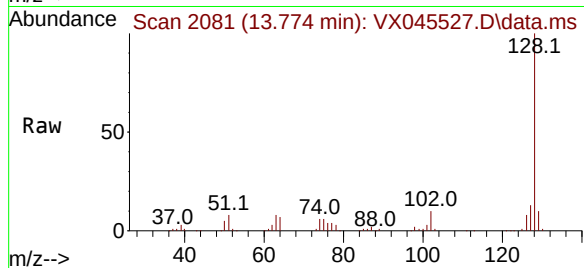
Tgt Ion:225 Resp: 10488
Ion Ratio Lower Upper
225 100
223 63.6 31.1 93.3
227 61.6 32.2 96.6





#95
Naphthalene
Concen: 20.928 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

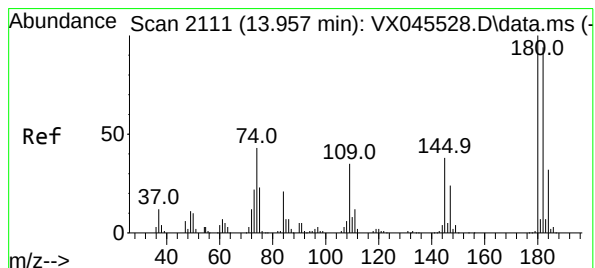
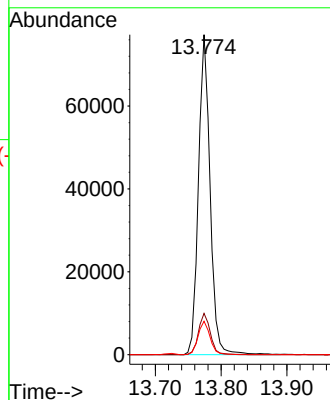
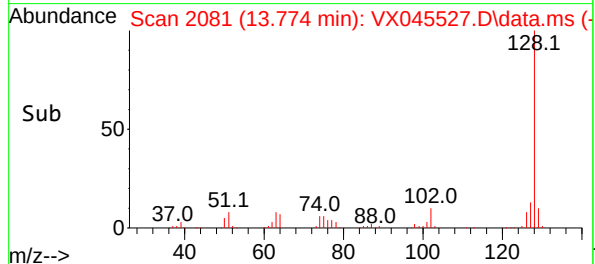
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 94875
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.7 8.6 12.8

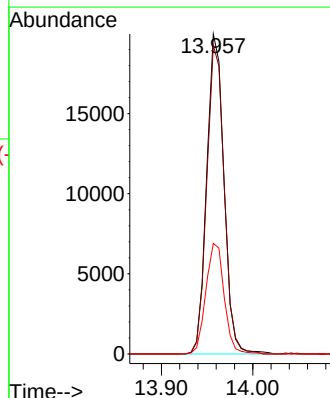
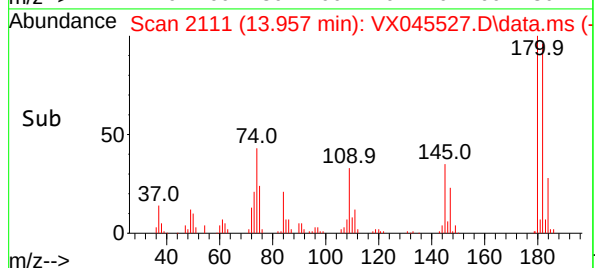
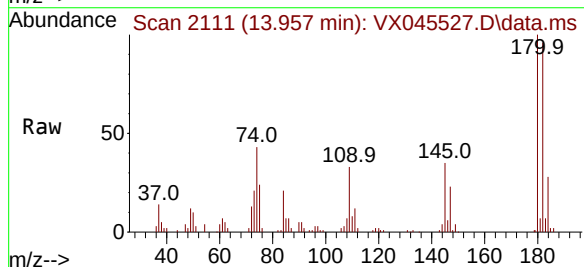
Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.471 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:180 Resp: 26113
Ion Ratio Lower Upper
180 100
182 97.4 47.3 141.8
145 36.7 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045528.D
 Acq On : 01 Apr 2025 18:15
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	95658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83054	47.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.960%		
35) Dibromofluoromethane	5.379	113	58108	48.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.340%		
50) Toluene-d8	8.647	98	204338	49.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.060%		
62) 4-Bromofluorobenzene	11.079	95	76190	50.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78444	54.834	ug/l	100
3) Chloromethane	1.307	50	75032	51.054	ug/l	100
4) Vinyl Chloride	1.374	62	68516	50.942	ug/l	100
5) Bromomethane	1.593	94	31584	49.526	ug/l	100
6) Chloroethane	1.666	64	38112	53.409	ug/l	100
7) Trichlorofluoromethane	1.874	101	103888	51.798	ug/l	100
8) Diethyl Ether	2.136	74	33953	50.424	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	59431	50.569	ug/l	100
10) Methyl Iodide	2.447	142	76404	52.121	ug/l	100
11) Tert butyl alcohol	2.977	59	60610	257.809	ug/l	100
12) 1,1-Dichloroethene	2.313	96	57738	50.278	ug/l	100
13) Acrolein	2.239	56	79989	247.074	ug/l	100
14) Allyl chloride	2.660	41	112085	51.441	ug/l	100
15) Acrylonitrile	3.062	53	194445	262.015	ug/l	100
16) Acetone	2.386	43	180563	251.366	ug/l	100
17) Carbon Disulfide	2.508	76	148601	52.393	ug/l	100
18) Methyl Acetate	2.703	43	82000	49.581	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	202582	50.429	ug/l	100
20) Methylene Chloride	2.782	84	67855	50.457	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59696	50.882	ug/l	100
22) Diisopropyl ether	3.764	45	219374	51.111	ug/l	100
23) Vinyl Acetate	3.721	43	998064	269.139	ug/l	100
24) 1,1-Dichloroethane	3.605	63	121348	49.992	ug/l	100
25) 2-Butanone	4.556	43	280076	266.363	ug/l	100
26) 2,2-Dichloropropane	4.471	77	81054	51.683	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71871	50.282	ug/l	100
28) Bromochloromethane	4.897	49	57046	48.632	ug/l	100
29) Tetrahydrofuran	5.001	42	177402	260.230	ug/l	100
30) Chloroform	5.086	83	125797	50.366	ug/l	100
31) Cyclohexane	5.464	56	107407	50.052	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	106062	50.184	ug/l	100
36) 1,1-Dichloropropene	5.684	75	81607	50.620	ug/l	100
37) Ethyl Acetate	4.715	43	104896	51.632	ug/l	100
38) Carbon Tetrachloride	5.672	117	90247	51.797	ug/l	100
39) Methylcyclohexane	7.373	83	104678	52.970	ug/l	100
40) Benzene	6.031	78	249161	50.605	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045528.D
 Acq On : 01 Apr 2025 18:15
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59068	54.623	ug/l	100
42) 1,2-Dichloroethane	6.080	62	104601	51.437	ug/l	100
43) Isopropyl Acetate	6.336	43	164588	53.452	ug/l	100
44) Trichloroethene	7.123	130	59042	50.452	ug/l	100
45) 1,2-Dichloropropane	7.427	63	63316	51.540	ug/l	100
46) Dibromomethane	7.574	93	49125	52.092	ug/l	100
47) Bromodichloromethane	7.818	83	96176	51.068	ug/l	100
48) Methyl methacrylate	7.690	41	85483	53.768	ug/l	100
49) 1,4-Dioxane	7.659	88	31199	1084.635	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	558029	273.375	ug/l	100
52) Toluene	8.714	92	153143	51.402	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	85462	47.317	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	95524	53.975	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	60452	50.919	ug/l	100
56) Ethyl methacrylate	9.116	69	100998	54.970	ug/l	100
57) 1,3-Dichloropropane	9.305	76	106580	51.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	250428	269.434	ug/l	100
59) 2-Hexanone	9.427	43	413824	273.765	ug/l	100
60) Dibromochloromethane	9.519	129	69258	53.511	ug/l	100
61) 1,2-Dibromoethane	9.604	107	62812	52.264	ug/l	100
64) Tetrachloroethene	9.269	164	52155	49.181	ug/l	100
65) Chlorobenzene	10.073	112	162829	50.733	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55974	50.233	ug/l	100
67) Ethyl Benzene	10.189	91	301481	52.447	ug/l	100
68) m/p-Xylenes	10.299	106	218702	104.606	ug/l	100
69) o-Xylene	10.640	106	108028	52.452	ug/l	100
70) Styrene	10.653	104	182620	53.723	ug/l	100
71) Bromoform	10.799	173	44397	53.361	ug/l #	100
73) Isopropylbenzene	10.957	105	287628	52.203	ug/l	100
74) N-amyl acetate	10.842	43	141589	53.721	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	95200	49.185	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84279m	50.230	ug/l	
77) Bromobenzene	11.195	156	64527	50.686	ug/l	100
78) n-propylbenzene	11.299	91	336796	53.069	ug/l	100
79) 2-Chlorotoluene	11.360	91	203994	50.279	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	241536	53.013	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25488	51.556	ug/l	100
82) 4-Chlorotoluene	11.451	91	237213	52.439	ug/l	100
83) tert-Butylbenzene	11.713	119	235715	52.256	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	242301	52.986	ug/l	100
85) sec-Butylbenzene	11.890	105	295799	53.391	ug/l	100
86) p-Isopropyltoluene	12.006	119	242416	53.073	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	116890	50.441	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	117164	49.871	ug/l	100
89) n-Butylbenzene	12.329	91	217345	54.874	ug/l	100
90) Hexachloroethane	12.536	117	41095	52.352	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	115426	50.099	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21712	53.638	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	65145	50.797	ug/l	100
94) Hexachlorobutadiene	13.719	225	27795	50.296	ug/l	100
95) Naphthalene	13.774	128	256009	53.643	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68781	51.219	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

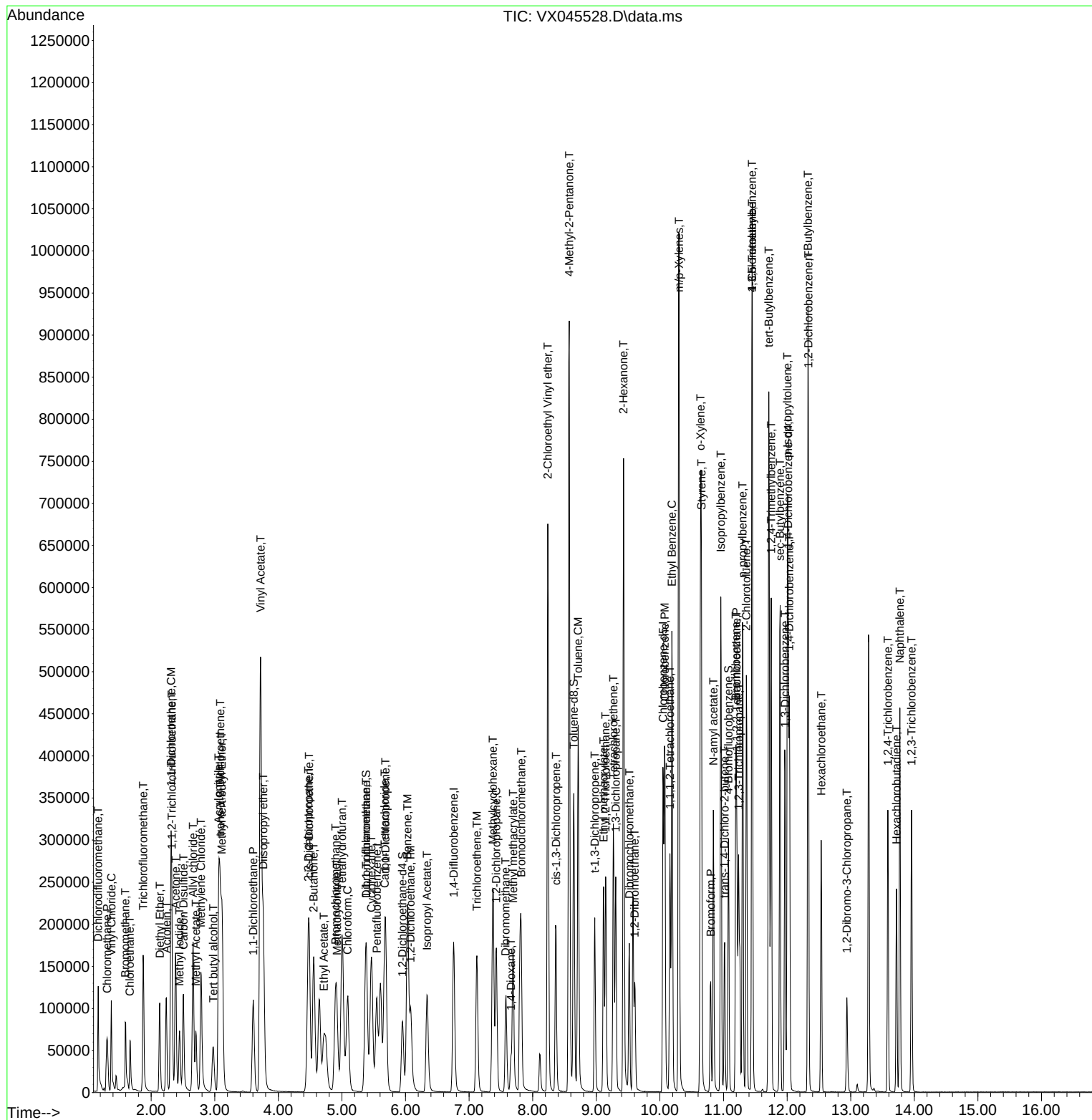

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\  
Data File : VX045528.D  
Acq On    : 01 Apr 2025  18:15  
Operator  : JC/MD  
Sample    : VSTDICCC050  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 6   Sample Multiplier: 1
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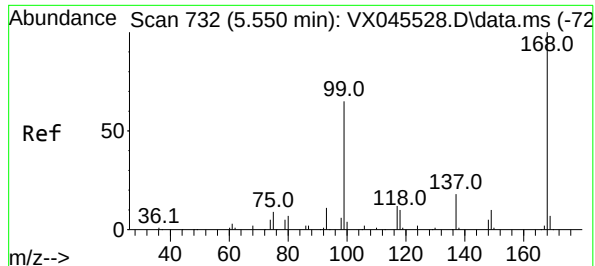
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration





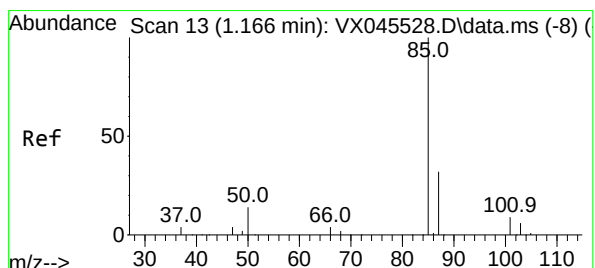
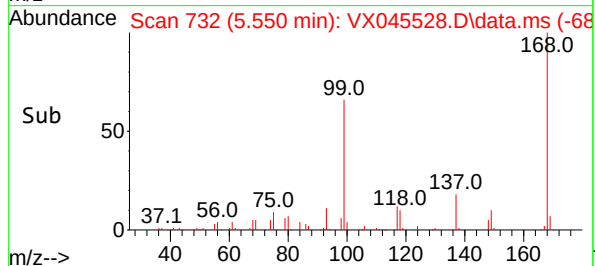
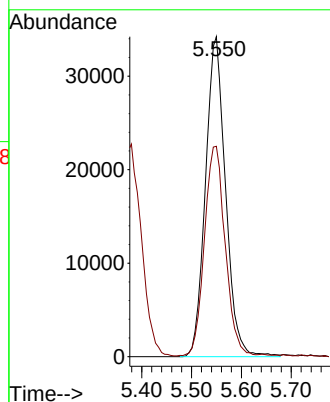
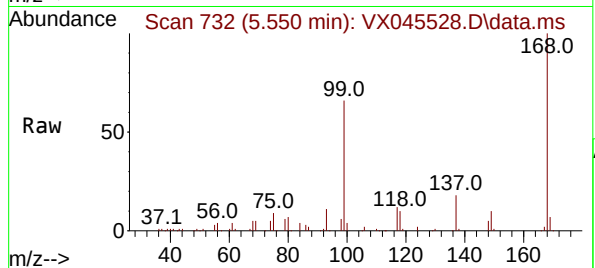
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 95658
Ion Ratio Lower Upper
168 100
99 65.4 52.3 78.5

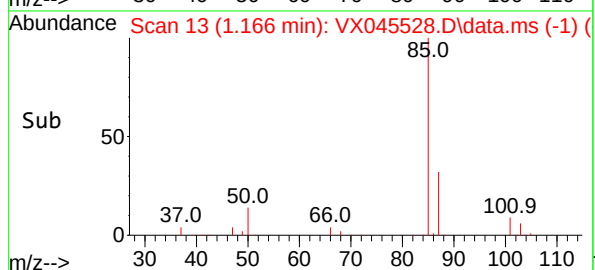
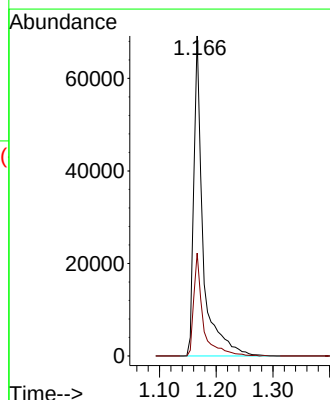
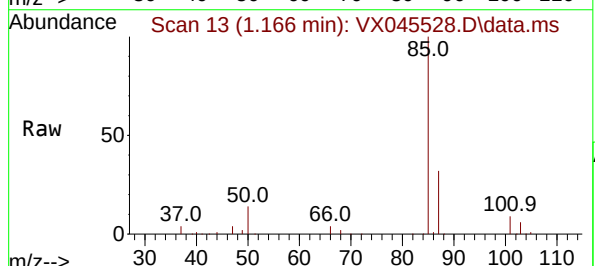
Manual Integrations
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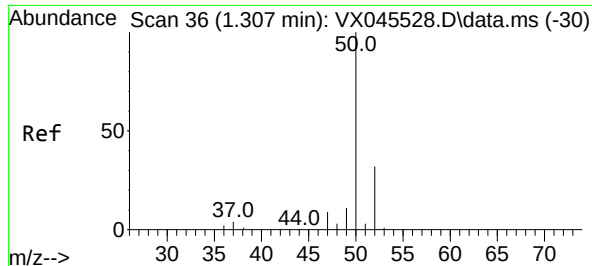
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 54.834 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 85 Resp: 78444
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





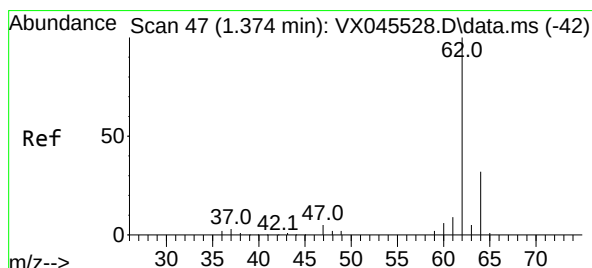
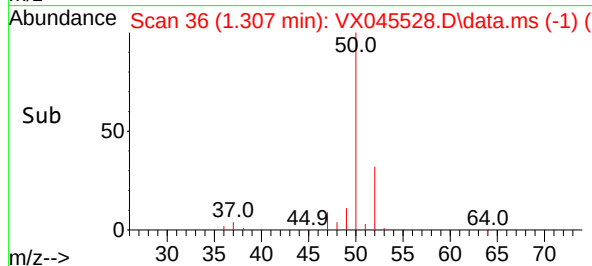
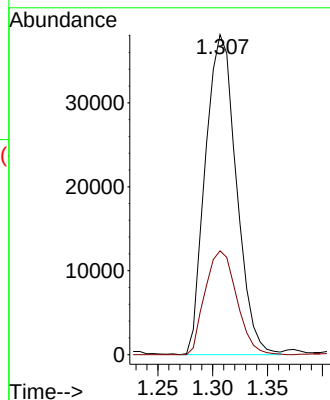
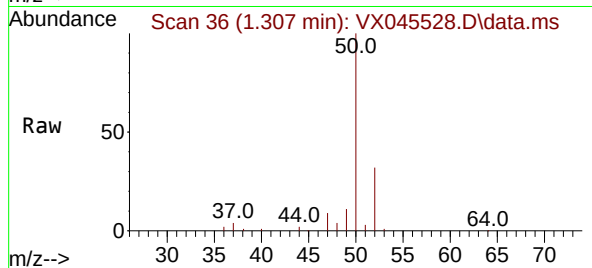
#3
Chloromethane
Concen: 51.054 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 75032
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

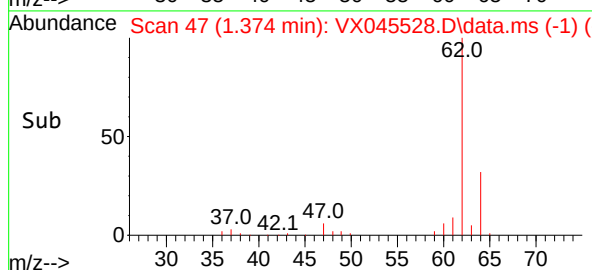
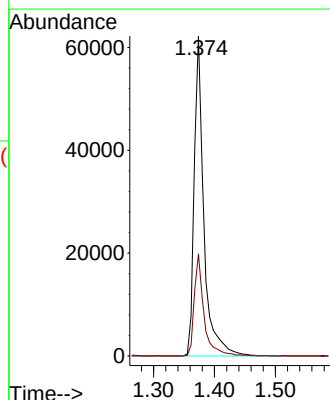
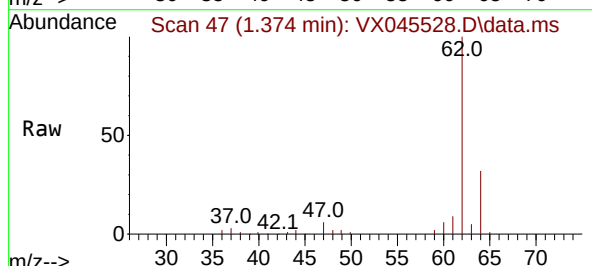
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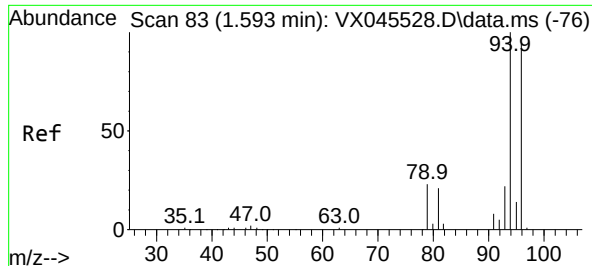
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 50.942 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 62 Resp: 68516
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





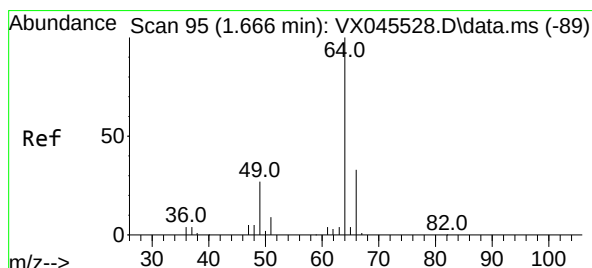
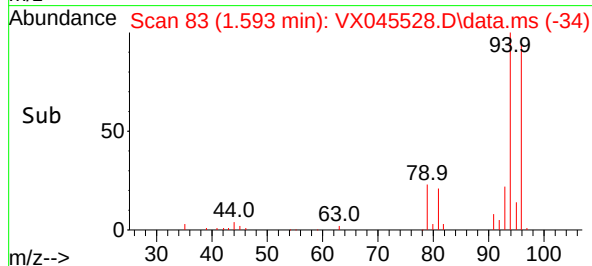
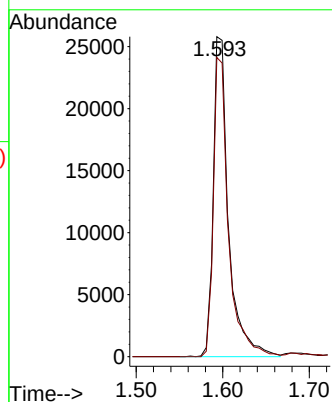
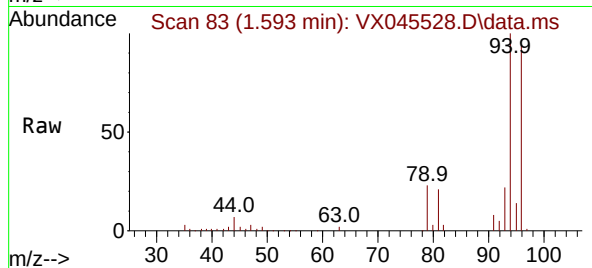
#5
Bromomethane
Concen: 49.526 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 31584
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2

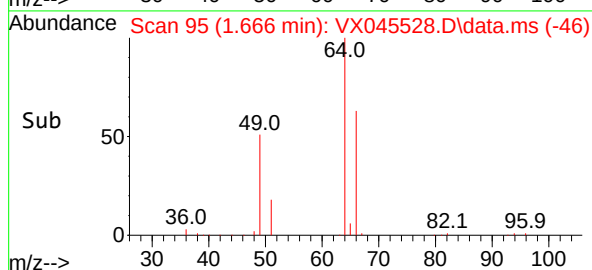
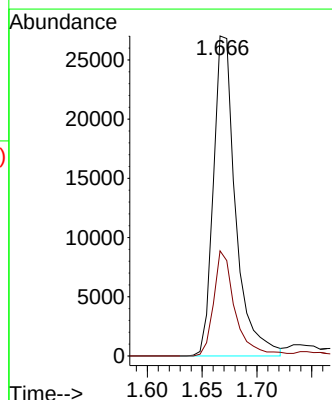
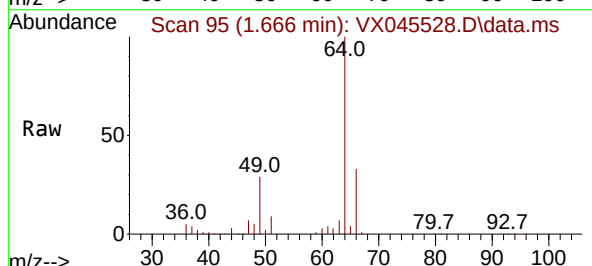
Manual Integrations
APPROVED

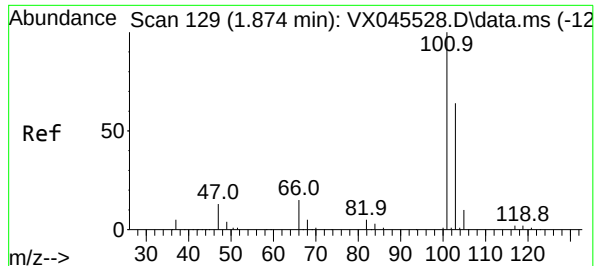
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 53.409 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

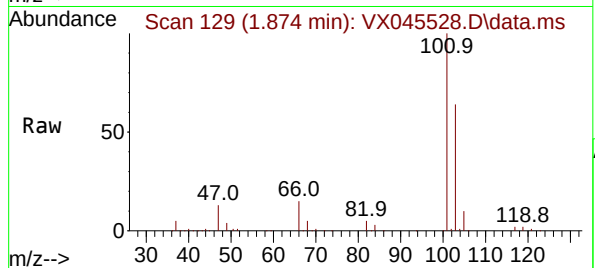
Tgt Ion: 64 Resp: 38112
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 51.798 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

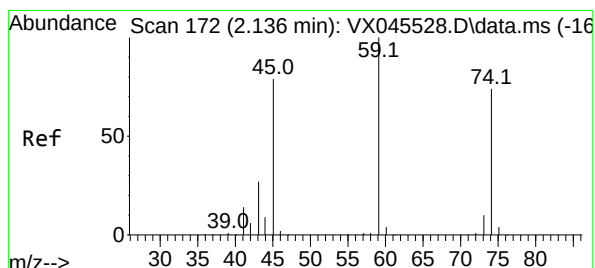
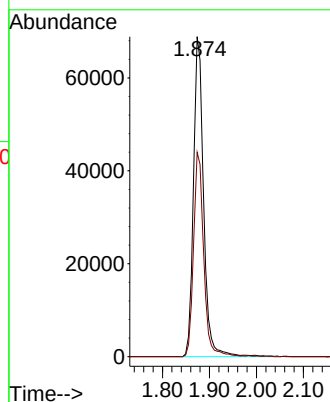
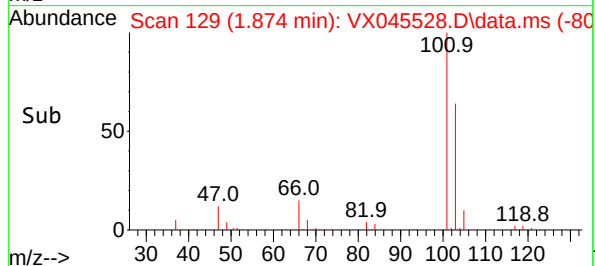
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 10388
Ion Ratio Lower Upper
101 100
103 63.9 51.1 76.7

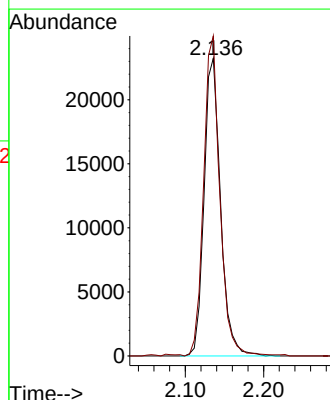
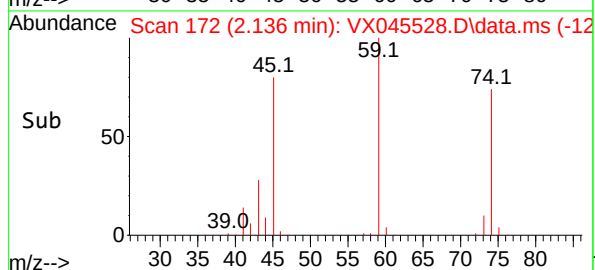
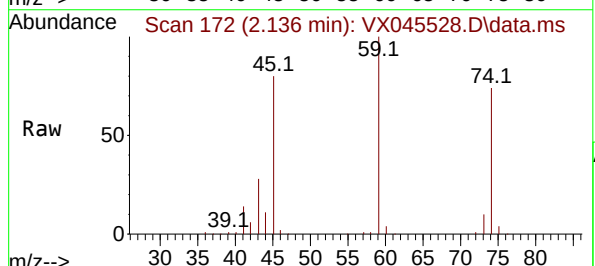
Manual Integrations
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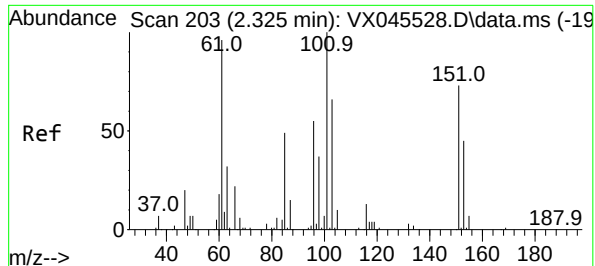
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#8
Diethyl Ether
Concen: 50.424 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 74 Resp: 33953
Ion Ratio Lower Upper
74 100
45 106.1 53.0 159.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.569 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

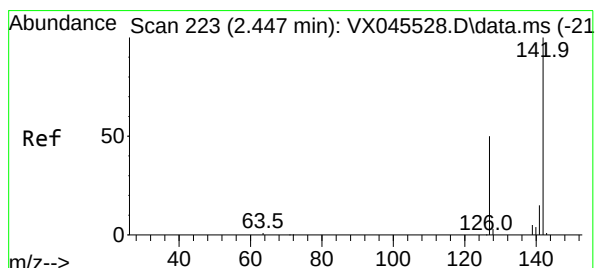
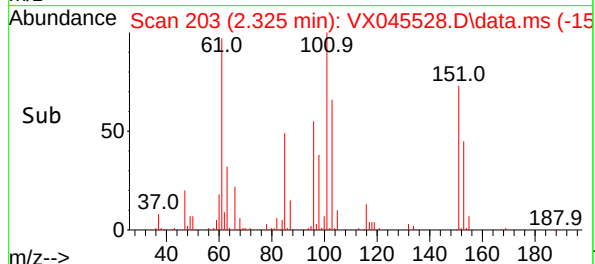
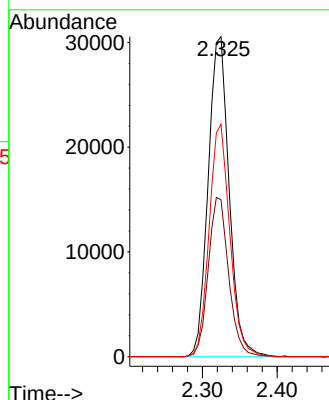
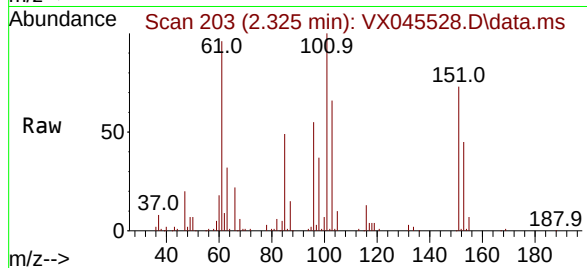
Tgt Ion:	101	Resp:	5943
Ion	Ratio	Lower	Upper
101	100		
85	48.6	38.9	58.3
151	71.9	57.5	86.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#10

Methyl Iodide

Concen: 52.121 ug/l

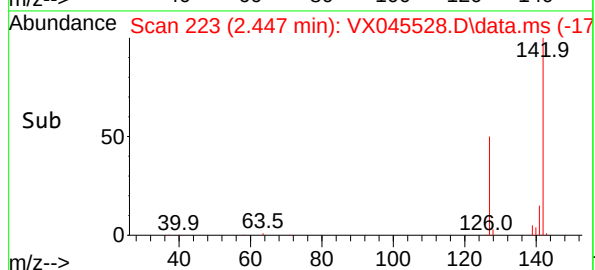
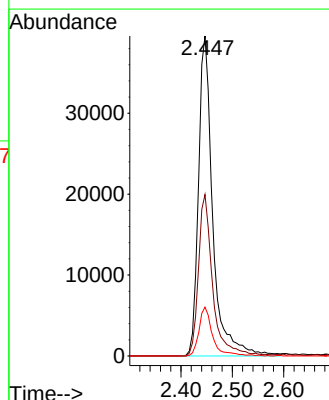
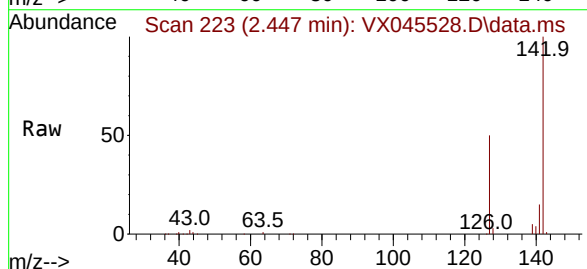
RT: 2.447 min Scan# 223

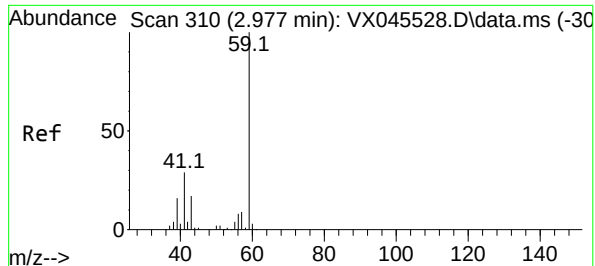
Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion:	142	Resp:	76404
Ion	Ratio	Lower	Upper
142	100		
127	50.3	40.2	60.4
141	14.6	11.7	17.5





#11

Tert butyl alcohol

Concen: 257.809 ug/l

RT: 2.977 min Scan# 310

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 60610

Ion Ratio Lower Upper

59 100

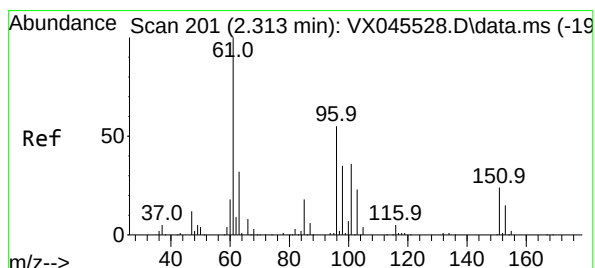
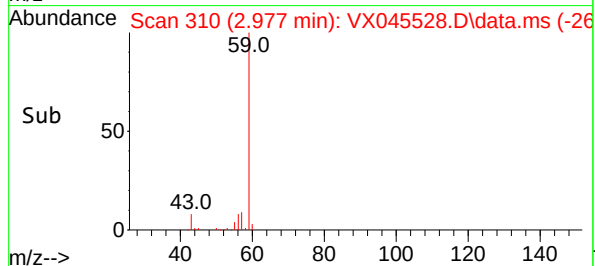
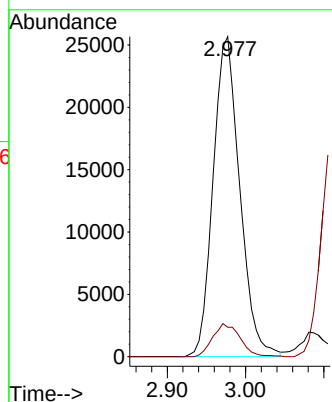
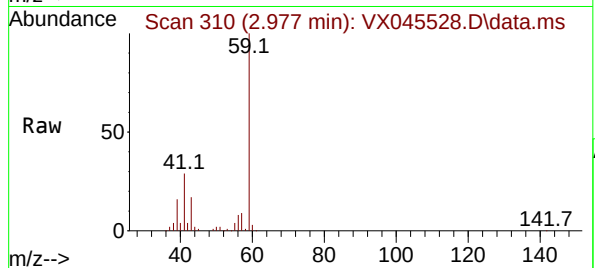
57 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#12

1,1-Dichloroethene

Concen: 50.278 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

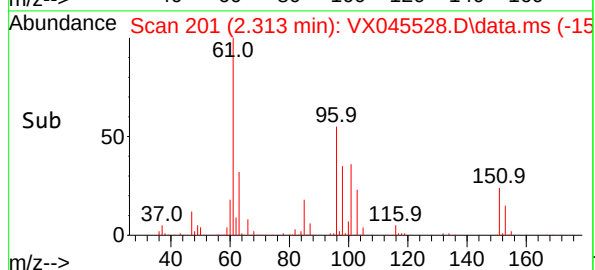
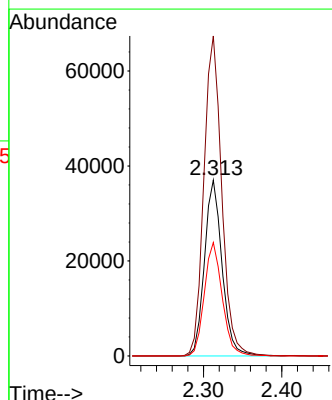
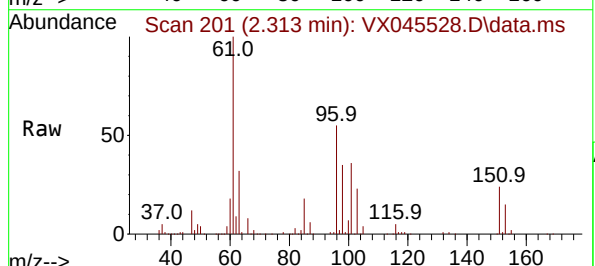
Tgt Ion: 96 Resp: 57738

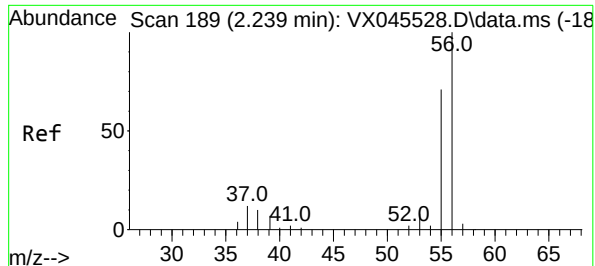
Ion Ratio Lower Upper

96 100

61 182.1 145.7 218.5

98 64.5 51.6 77.4





#13

Acrolein

Concen: 247.074 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 79989

Ion Ratio Lower Upper

56 100

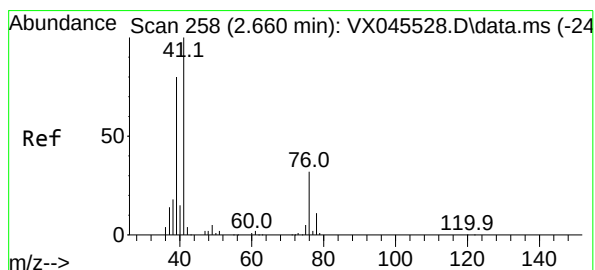
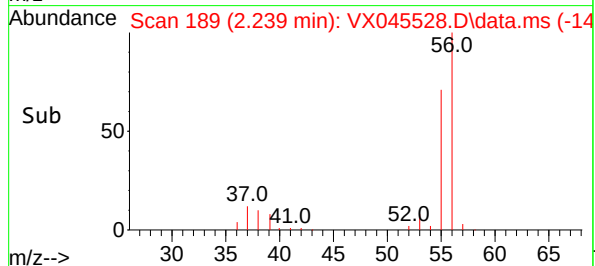
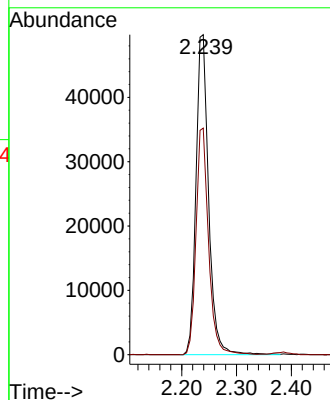
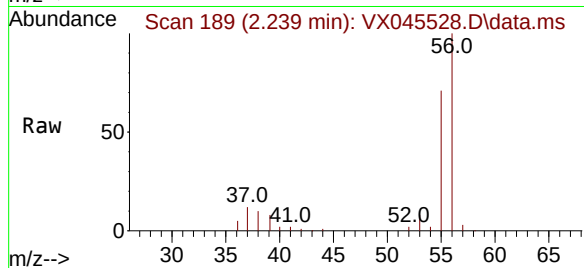
55 70.2 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#14

Allyl chloride

Concen: 51.441 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

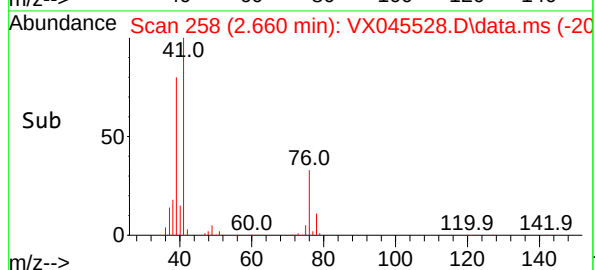
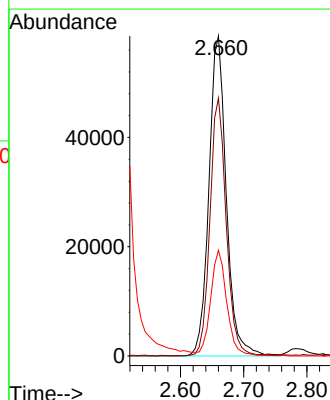
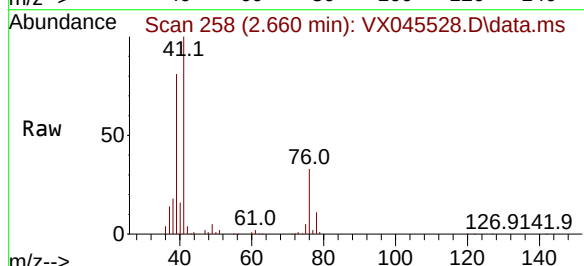
Tgt Ion: 41 Resp: 112085

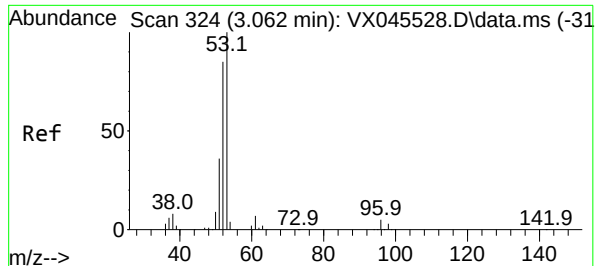
Ion Ratio Lower Upper

41 100

39 75.2 60.2 90.2

76 30.7 24.6 36.8





#15

Acrylonitrile

Concen: 262.015 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

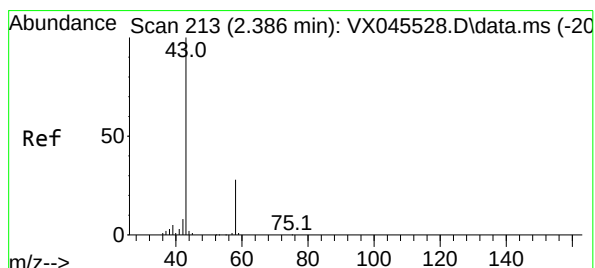
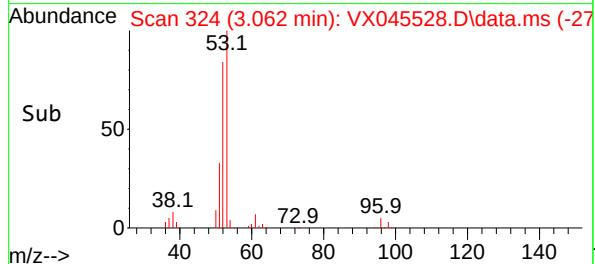
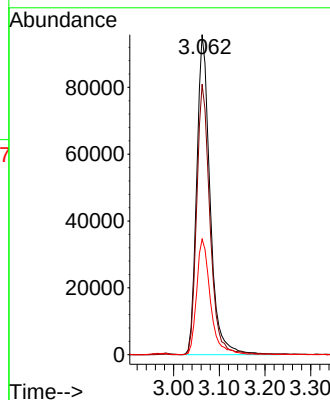
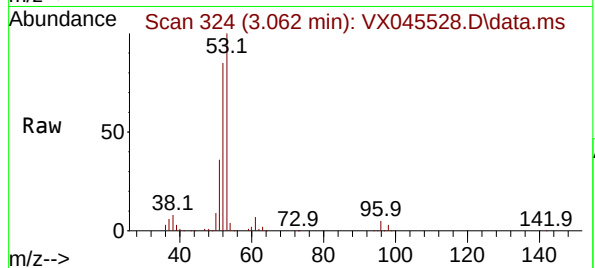
Tgt Ion:	53	Resp:	19444
Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.4	101.2
51	37.4	29.9	44.9

Manual Integrations

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Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#16

Acetone

Concen: 251.366 ug/l

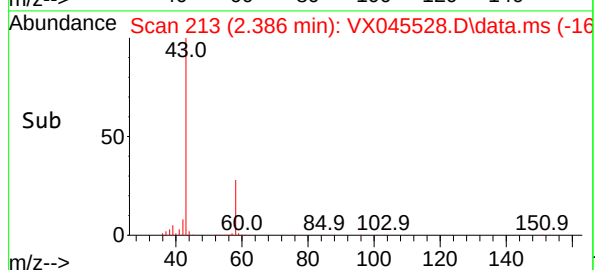
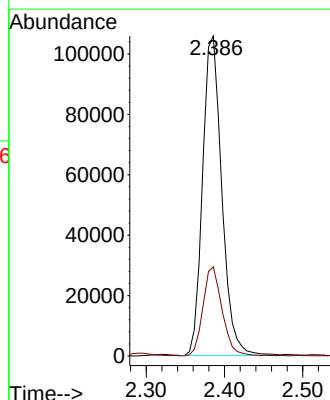
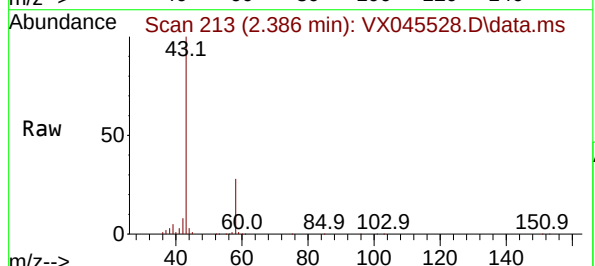
RT: 2.386 min Scan# 213

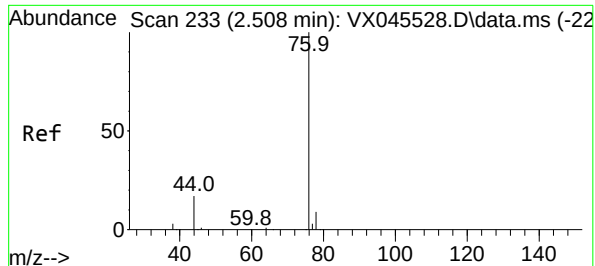
Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion:	43	Resp:	180563
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.3	33.5





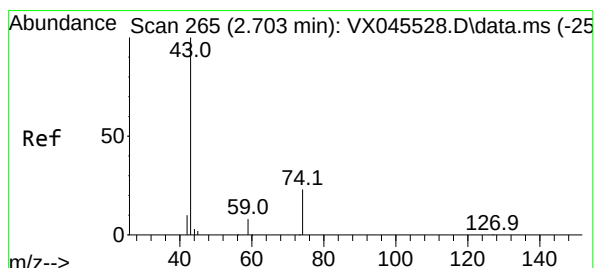
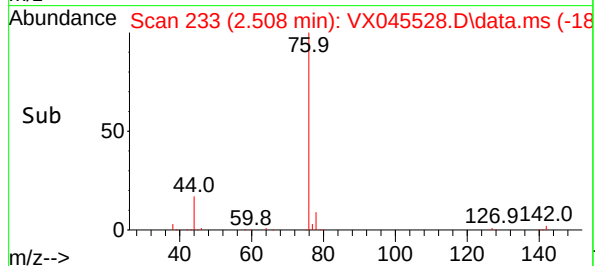
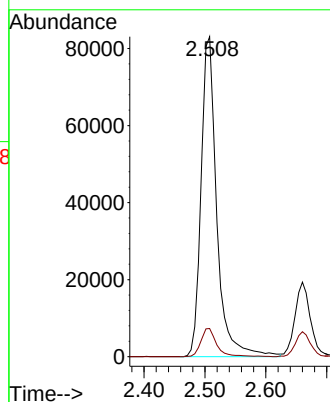
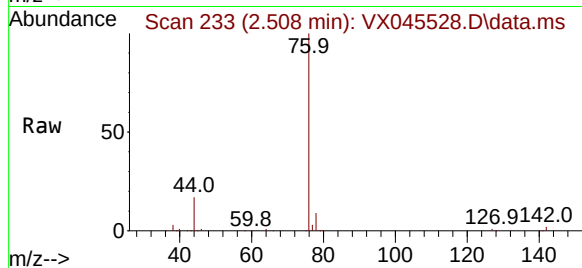
#17
Carbon Disulfide
Concen: 52.393 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 14860
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

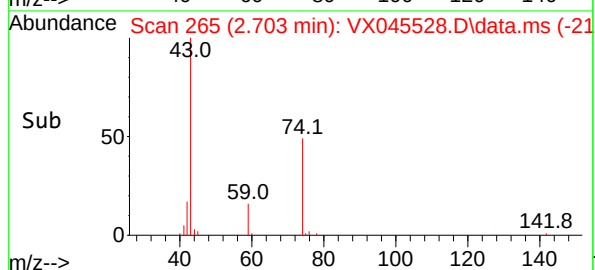
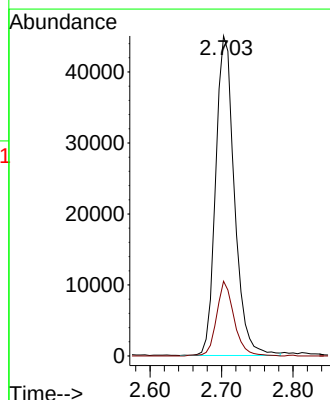
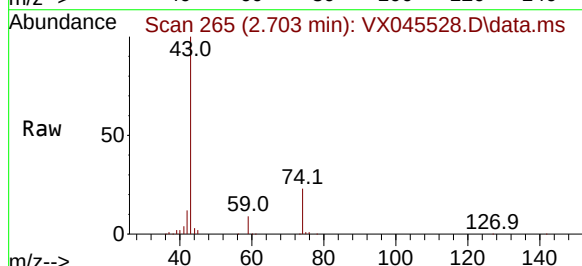
Manual Integrations
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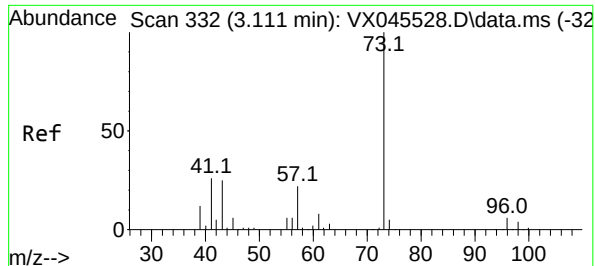
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#18
Methyl Acetate
Concen: 49.581 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 82000
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 50.429 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 20258

Ion Ratio Lower Upper

73 100

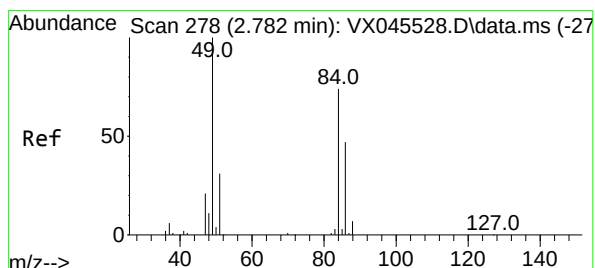
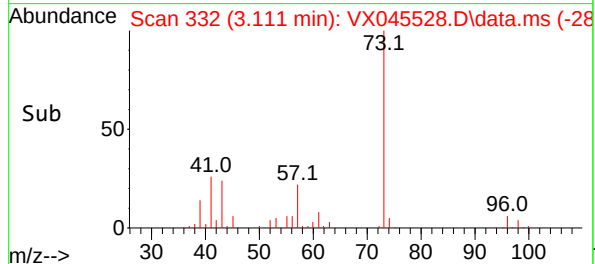
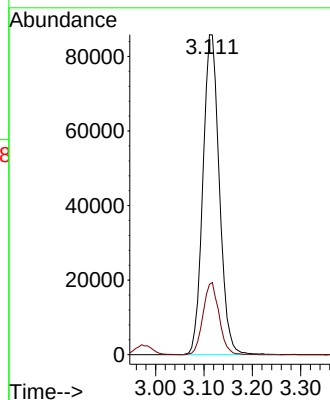
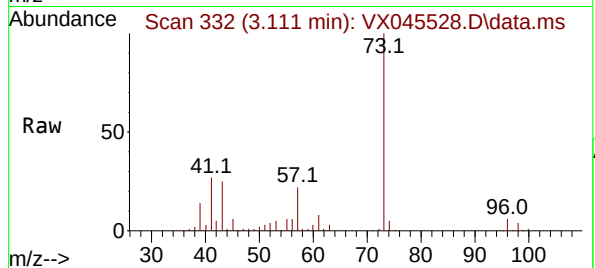
57 22.0 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#20

Methylene Chloride

Concen: 50.457 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion: 84 Resp: 67855

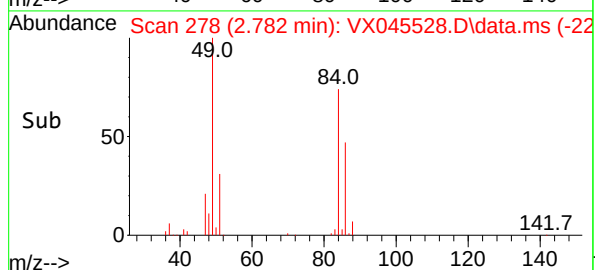
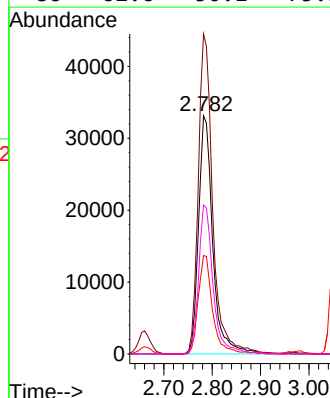
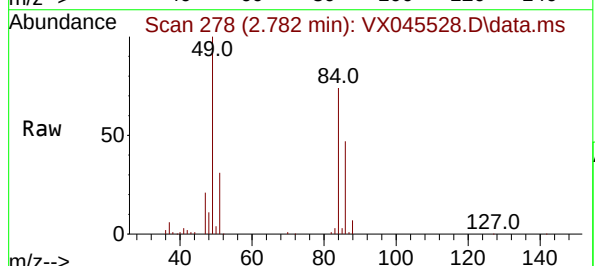
Ion Ratio Lower Upper

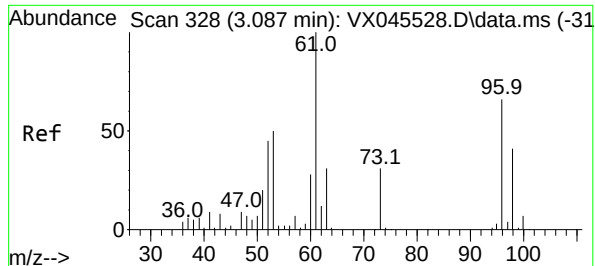
84 100

49 134.4 107.5 161.3

51 41.3 33.0 49.6

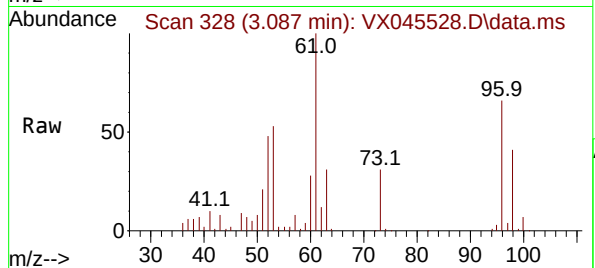
86 62.6 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 50.882 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

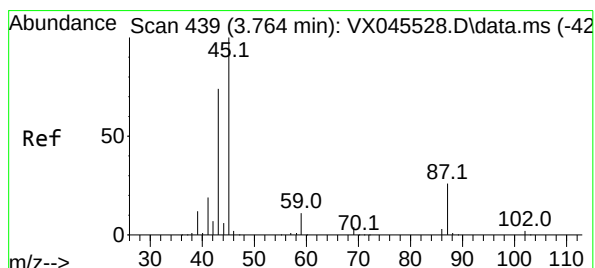
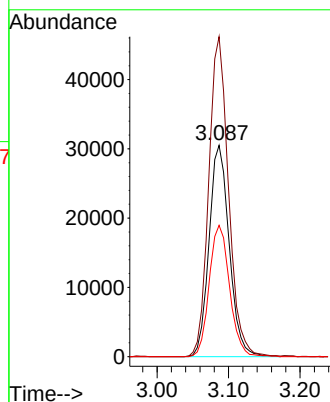
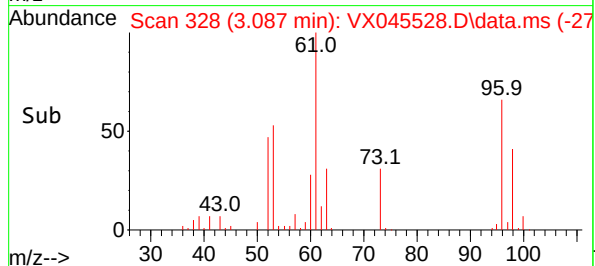
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 59690
Ion Ratio Lower Upper
96 100
61 151.3 121.0 181.6
98 62.1 49.7 74.5

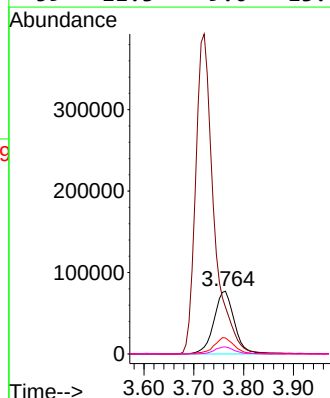
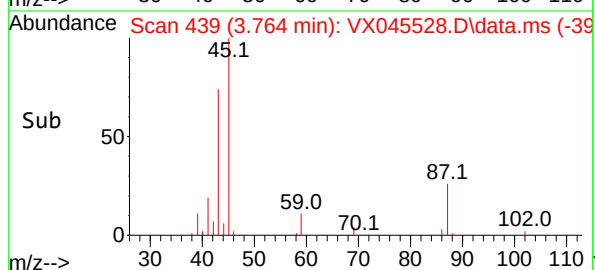
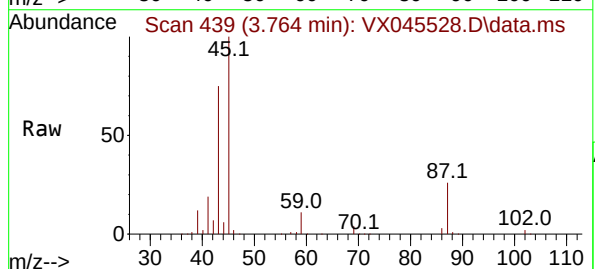
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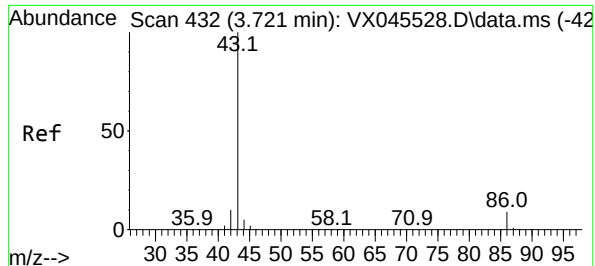
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#22
Diisopropyl ether
Concen: 51.111 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 45 Resp: 219374
Ion Ratio Lower Upper
45 100
43 74.1 59.3 88.9
87 25.5 20.4 30.6
59 11.3 9.0 13.6





#23

Vinyl Acetate

Concen: 269.139 ug/l

RT: 3.721 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 998064

Ion Ratio Lower Upper

43

100

86

9.4

7.5

11.3

Instrument :

MSVOA_X

ClientSampleId :

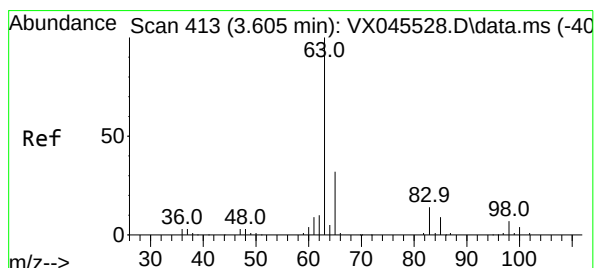
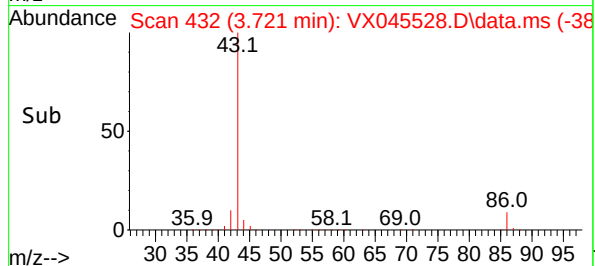
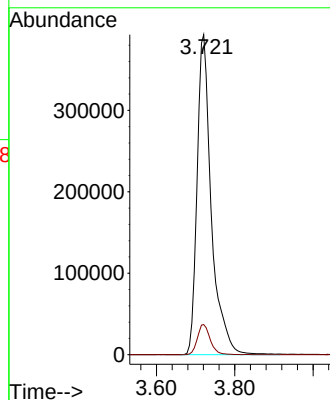
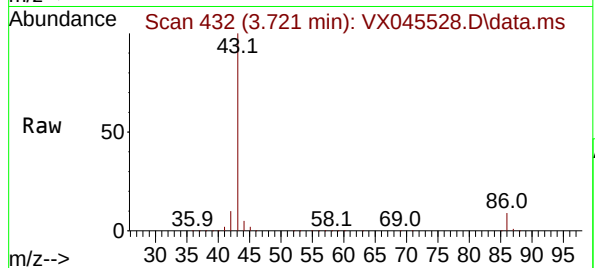
VSTDICCC050

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#24

1,1-Dichloroethane

Concen: 49.992 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion: 63 Resp: 121348

Ion Ratio Lower Upper

63

100

98

6.7

3.4

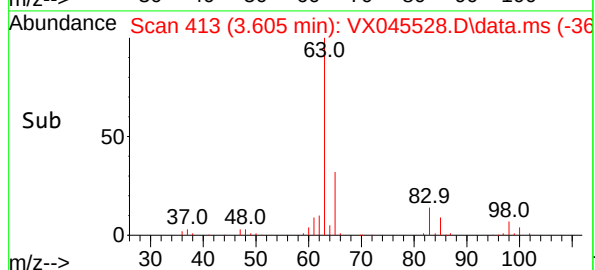
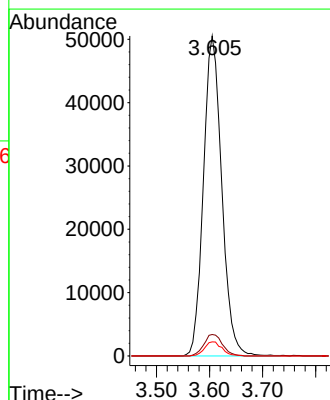
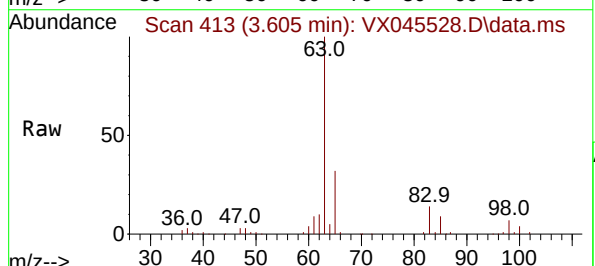
10.1

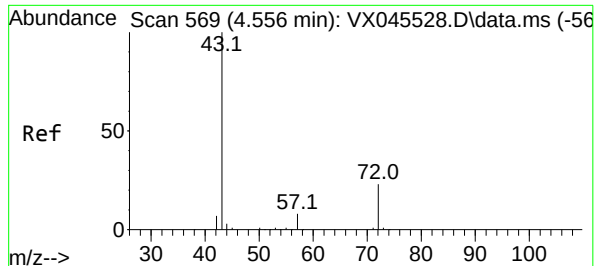
100

4.4

2.2

6.6





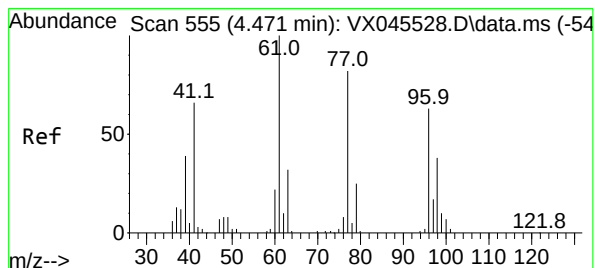
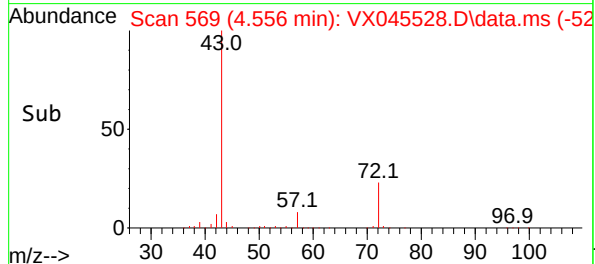
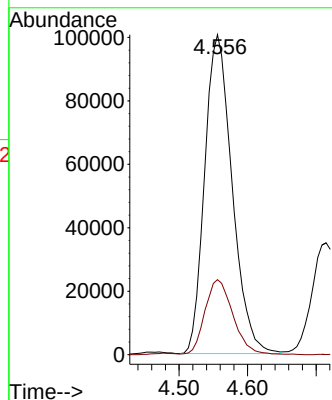
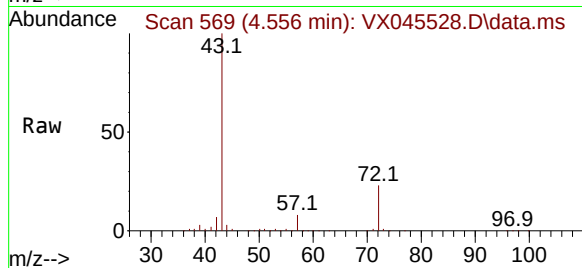
#25
2-Butanone
Concen: 266.363 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 280070
Ion Ratio Lower Upper
43 100
72 23.3 18.6 28.0

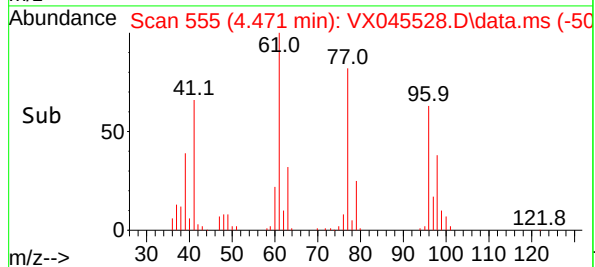
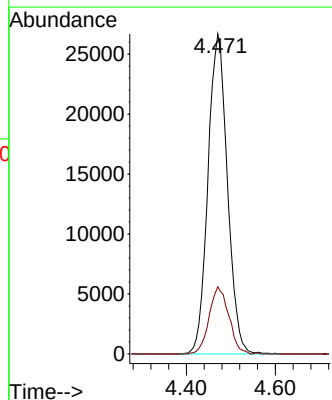
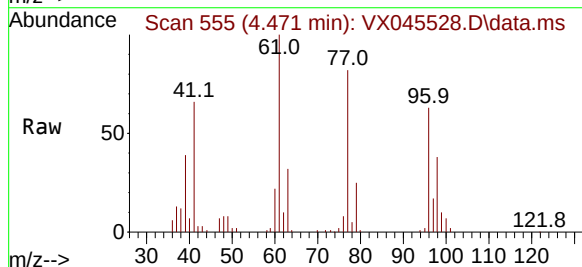
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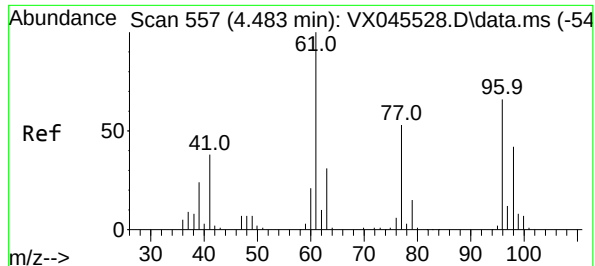
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 51.683 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 77 Resp: 81054
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 50.282 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 7187

Ion Ratio Lower Upper

96 100

61 156.6 0.0 313.2

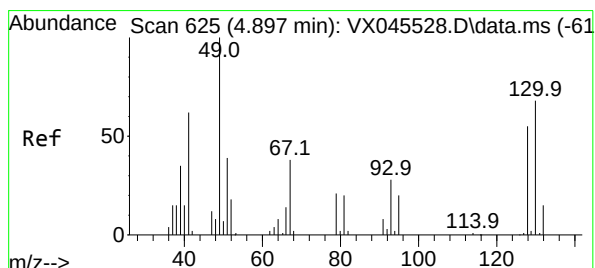
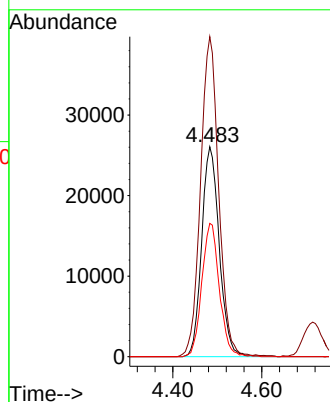
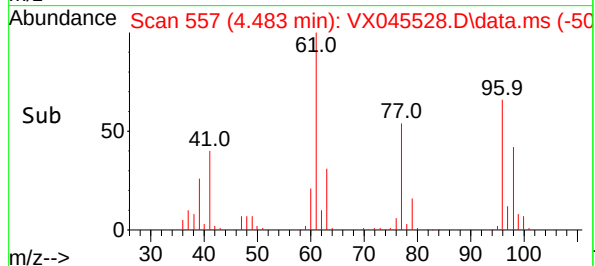
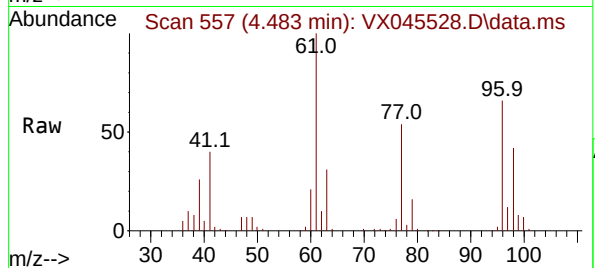
98 63.2 0.0 126.4

Manual Integrations

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Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 48.632 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

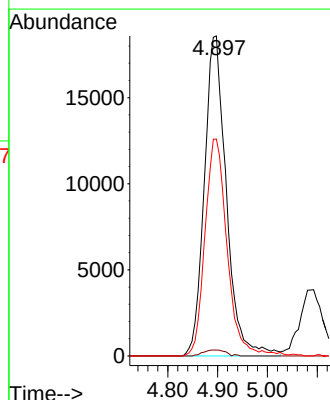
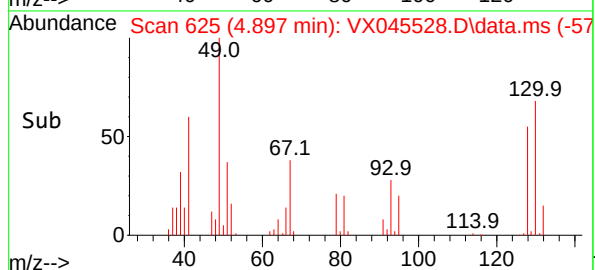
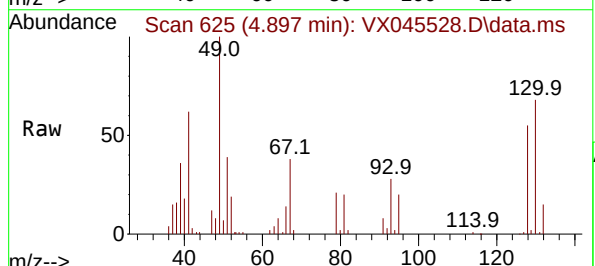
Tgt Ion: 49 Resp: 57046

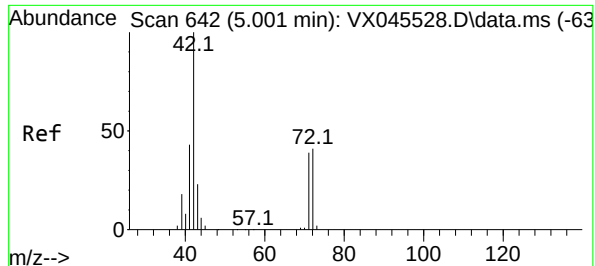
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 68.2 54.6 81.8





#29

Tetrahydrofuran

Concen: 260.230 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 17740

Ion Ratio Lower Upper

42 100

72 41.7 33.4 50.0

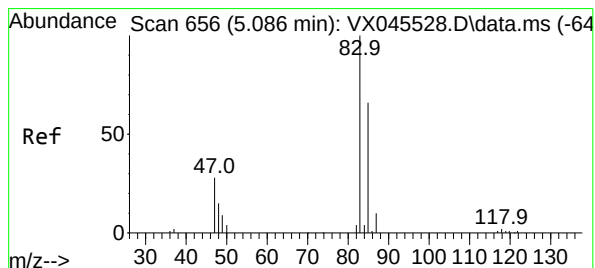
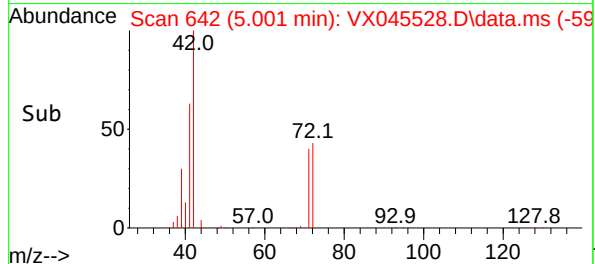
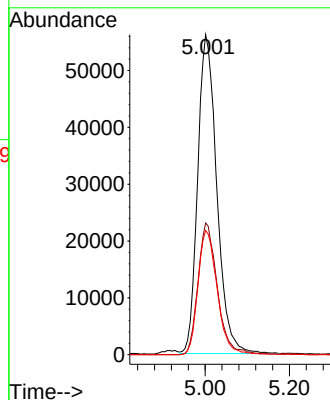
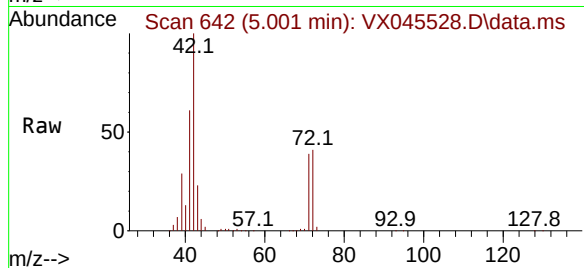
71 39.2 31.4 47.0

Manual Integrations

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Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#30

Chloroform

Concen: 50.366 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045528.D

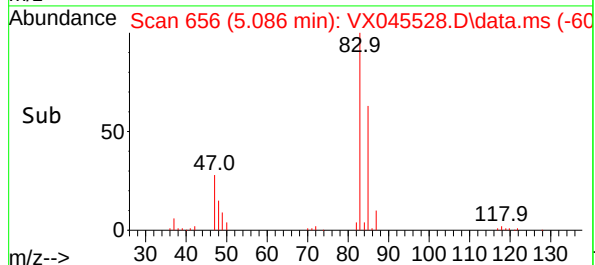
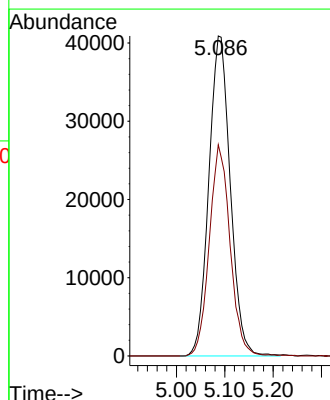
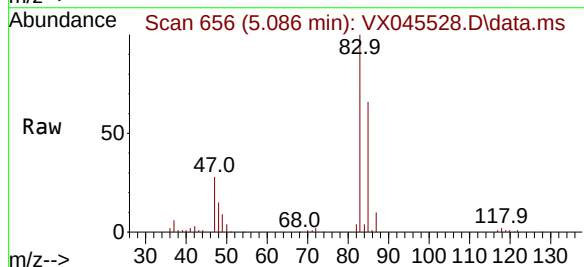
Acq: 01 Apr 2025 18:15

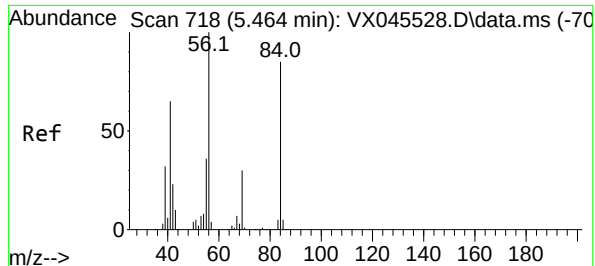
Tgt Ion: 83 Resp: 125797

Ion Ratio Lower Upper

83 100

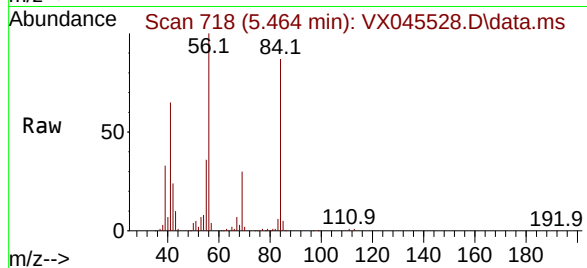
85 66.0 52.8 79.2





#31
Cyclohexane
Concen: 50.052 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

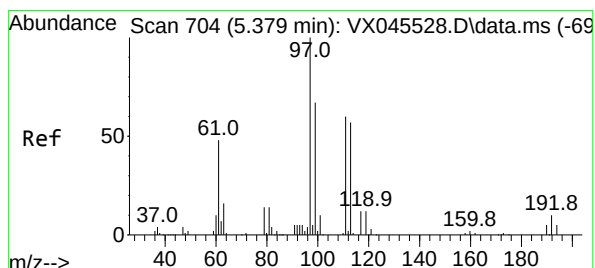
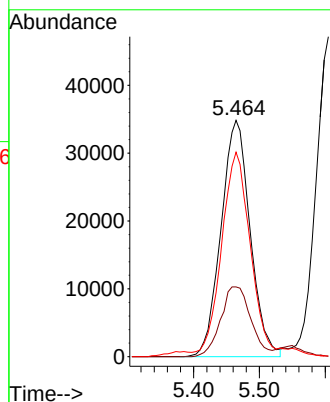
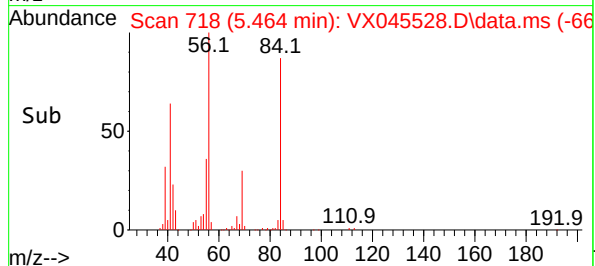
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 10740
Ion Ratio Lower Upper
56 100
69 29.5 23.6 35.4
84 84.6 67.7 101.5

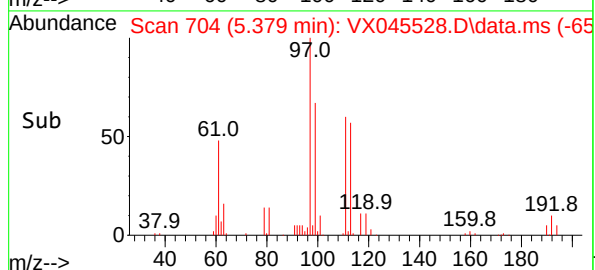
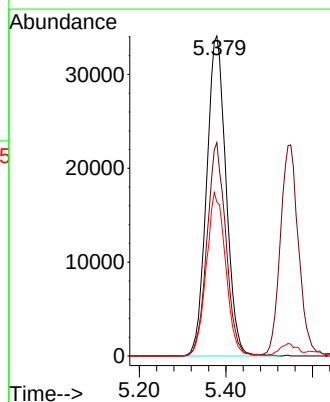
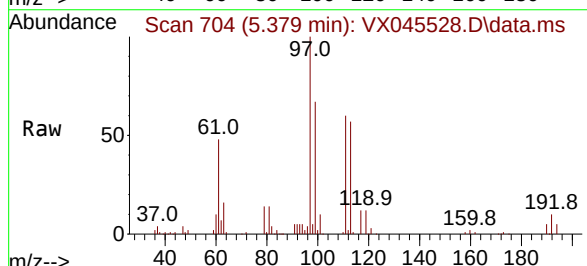
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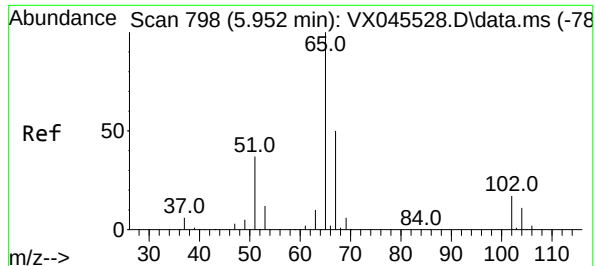
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#32
1,1,1-Trichloroethane
Concen: 50.184 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 97 Resp: 106062
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 51.2 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 47.477 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 83054

Ion Ratio Lower Upper

65 100

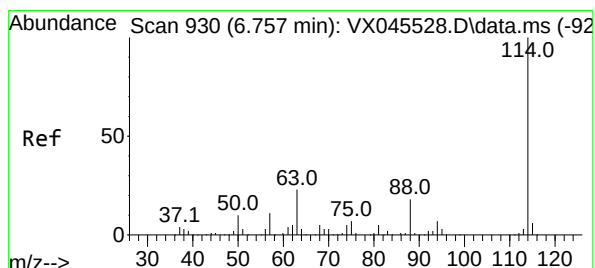
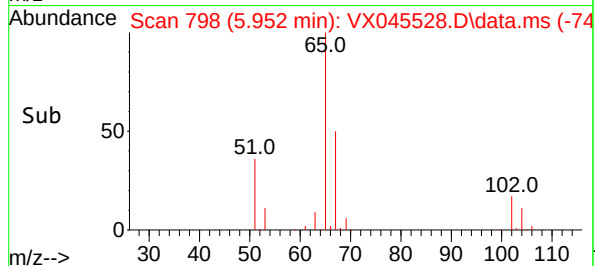
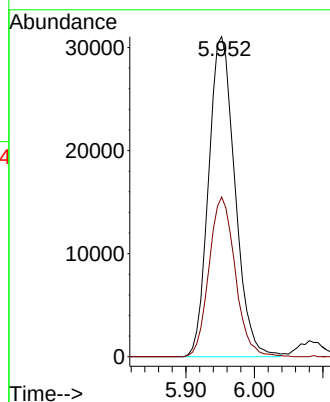
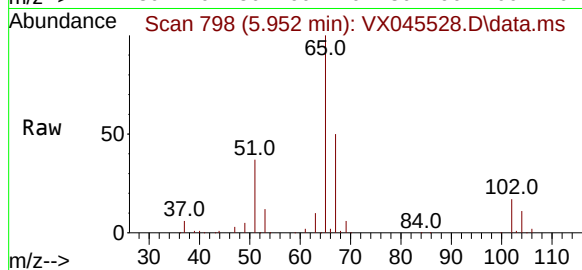
67 49.5 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

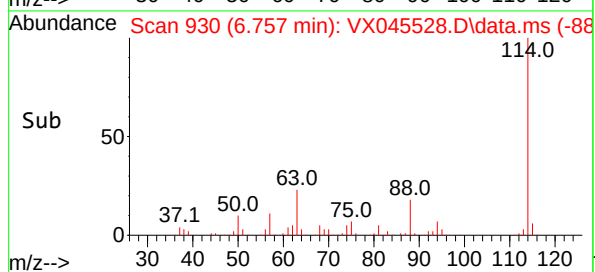
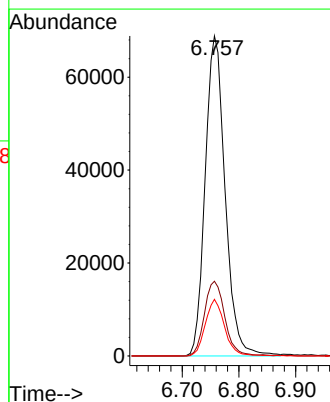
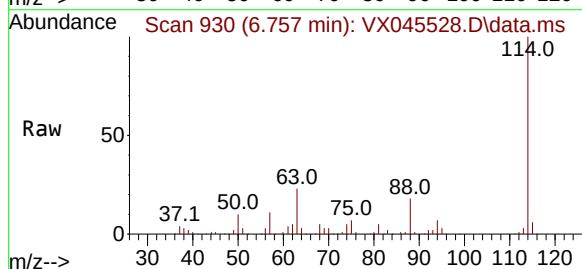
Tgt Ion:114 Resp: 168287

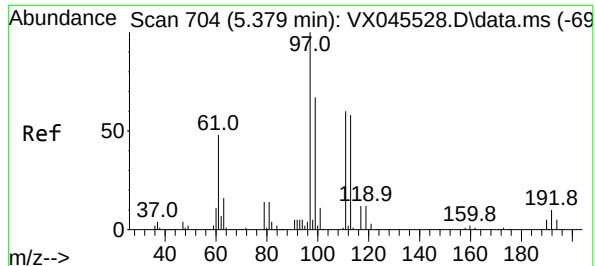
Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.8

88 17.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 48.667 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

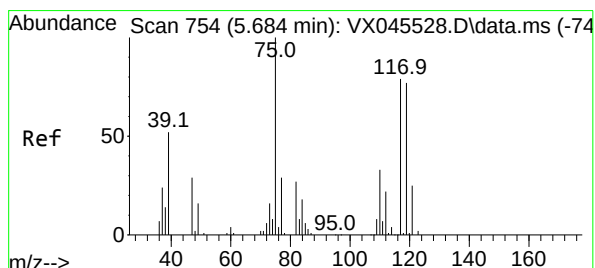
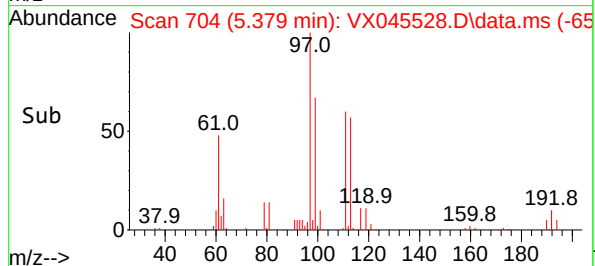
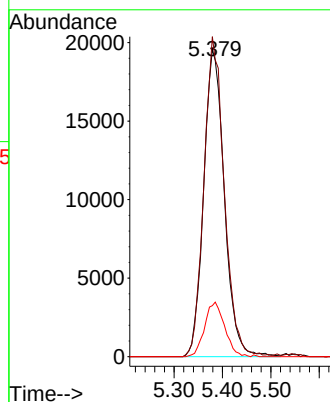
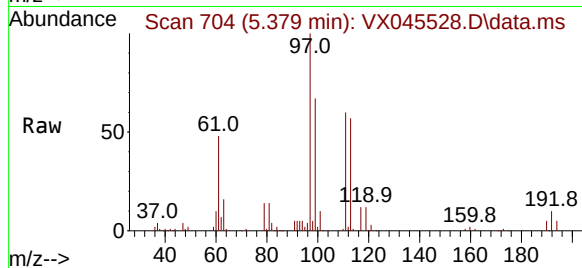
Tgt Ion:	113	Resp:	5810
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	17.2	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#36

1,1-Dichloropropene

Concen: 50.620 ug/l

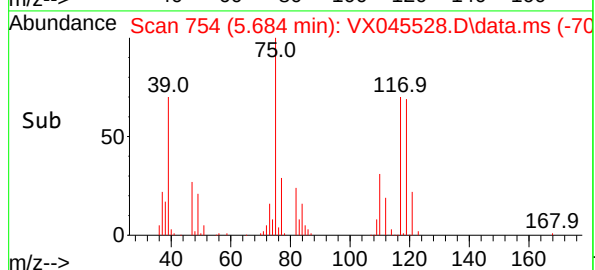
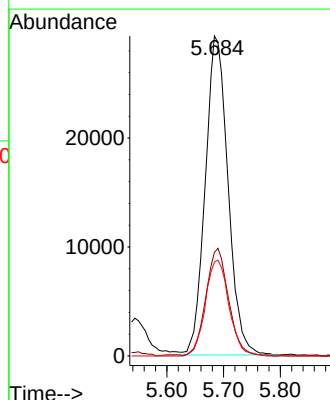
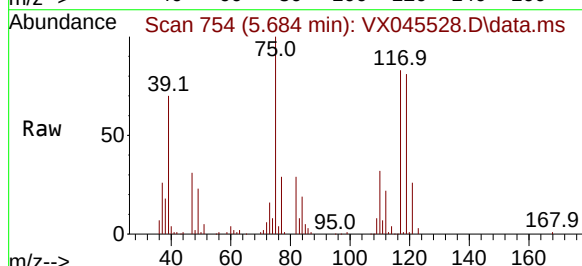
RT: 5.684 min Scan# 754

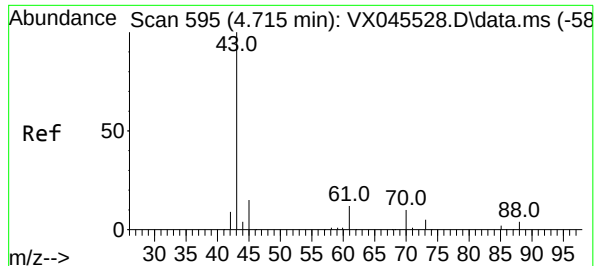
Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion:	75	Resp:	81607
Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	31.2	25.0	37.4





#37

Ethyl Acetate

Concen: 51.632 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 104890

Ion Ratio Lower Upper

43 100

61 12.4 9.9 14.9

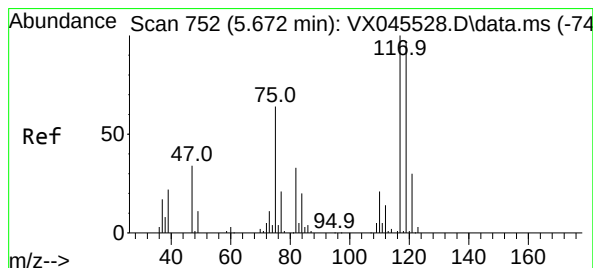
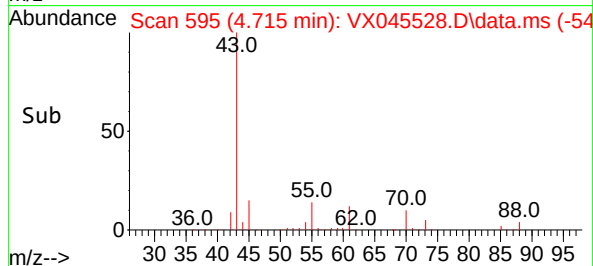
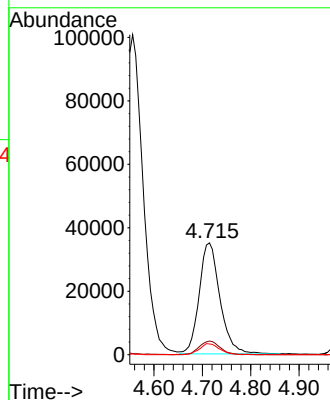
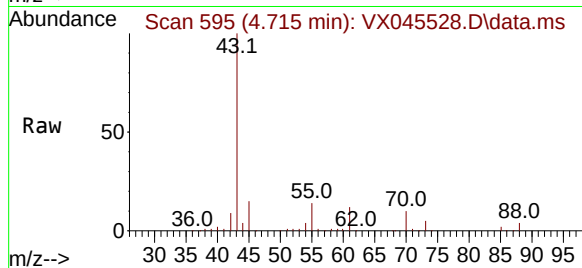
70 9.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#38

Carbon Tetrachloride

Concen: 51.797 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

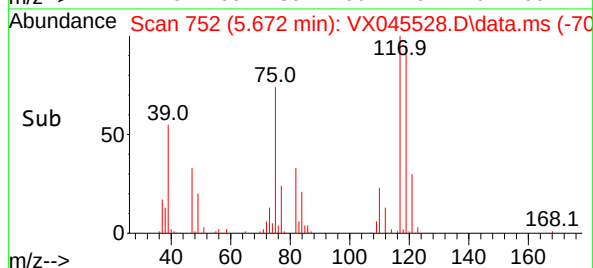
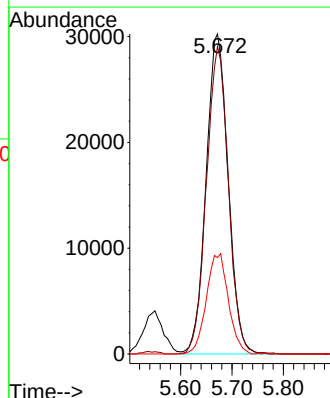
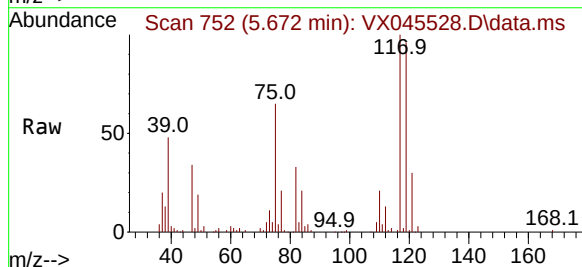
Tgt Ion:117 Resp: 90247

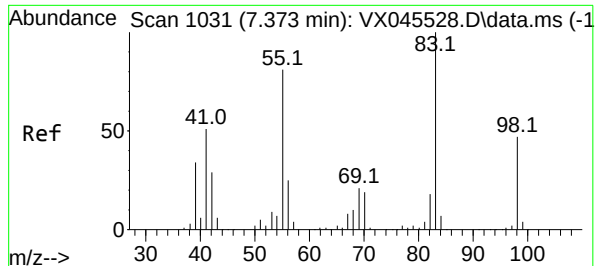
Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3

121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 52.970 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 104678

Ion Ratio Lower Upper

83 100

55 81.1 64.9 97.3

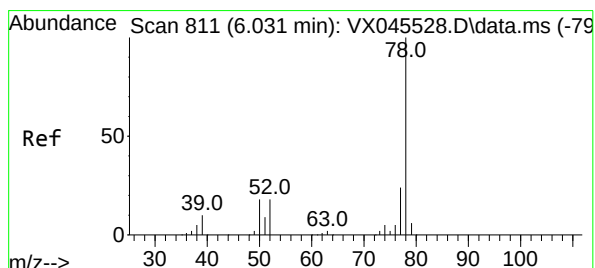
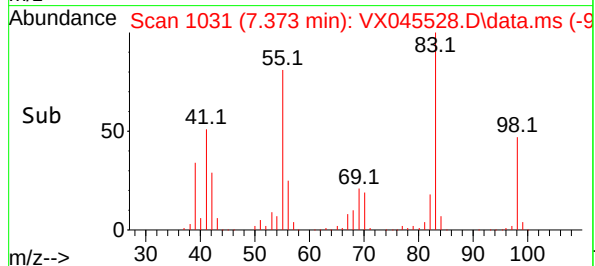
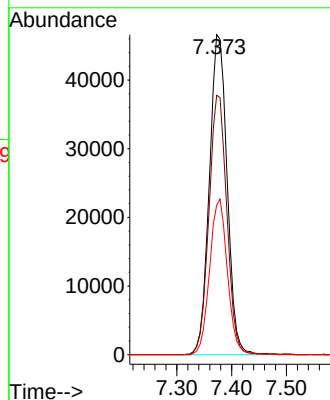
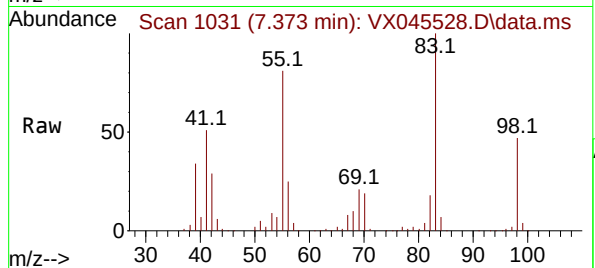
98 46.7 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#40

Benzene

Concen: 50.605 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045528.D

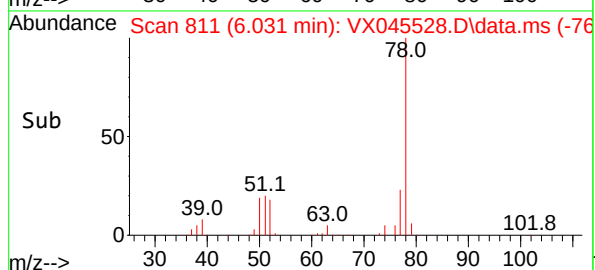
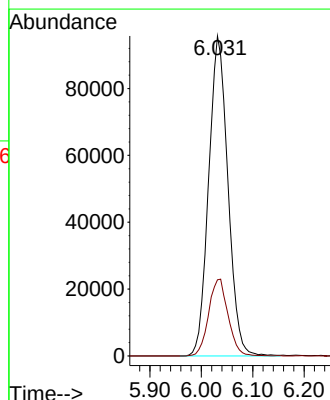
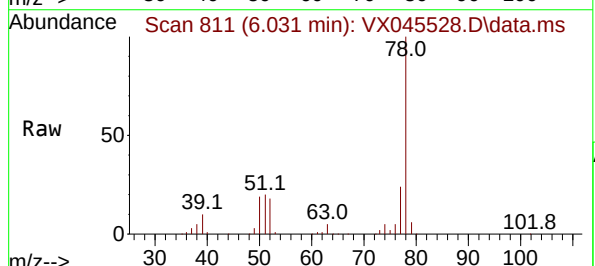
Acq: 01 Apr 2025 18:15

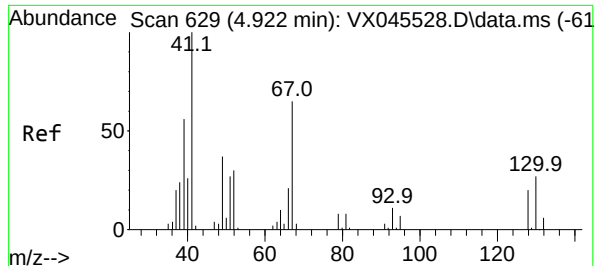
Tgt Ion: 78 Resp: 249161

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6





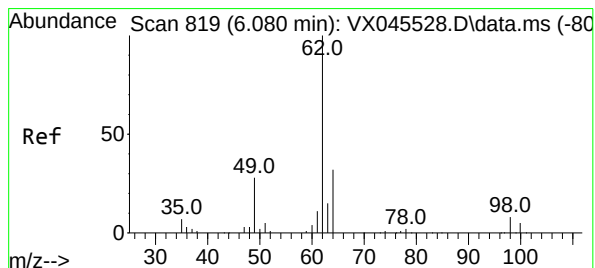
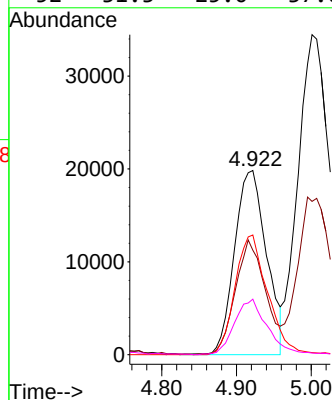
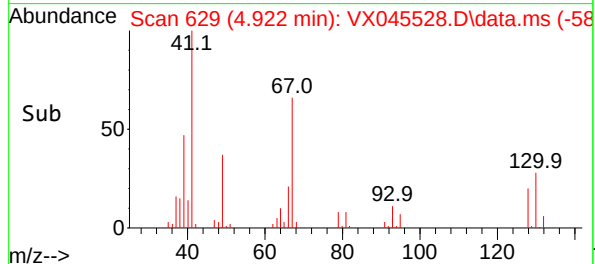
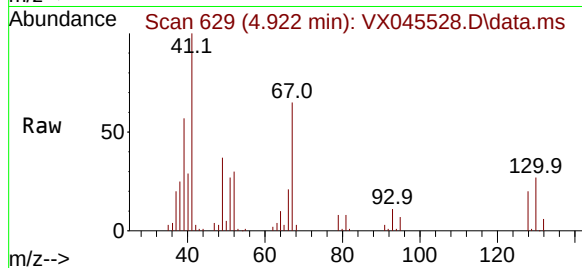
#41
Methacrylonitrile
Concen: 54.623 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 5906
Ion Ratio Lower Upper
41 100
39 58.8 47.0 70.6
67 66.5 53.2 79.8
52 31.3 25.0 37.6

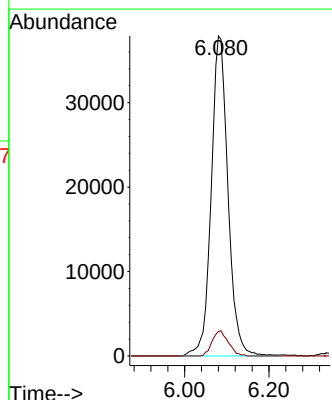
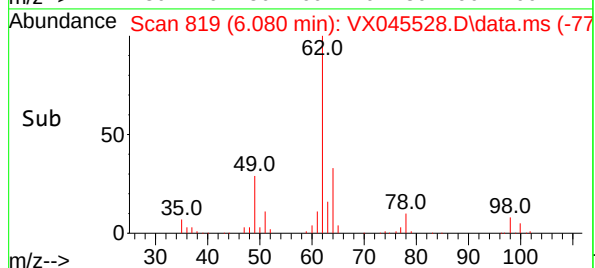
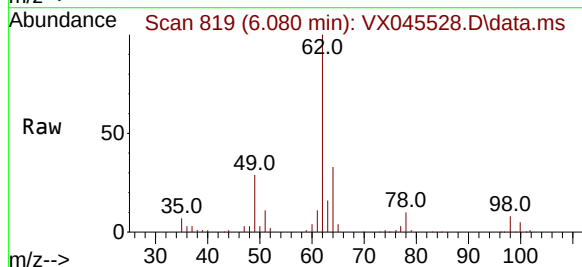
Manual Integrations
APPROVED

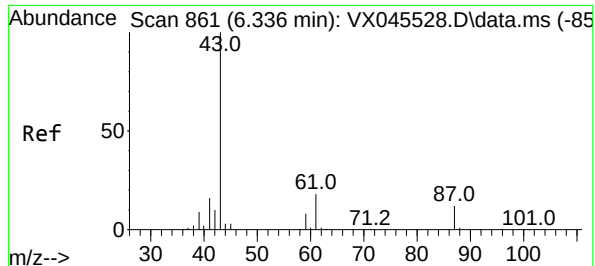
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#42
1,2-Dichloroethane
Concen: 51.437 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 62 Resp: 104601
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43

Isopropyl Acetate

Concen: 53.452 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 16458

Ion Ratio Lower Upper

43 100

61 17.6 14.1 21.1

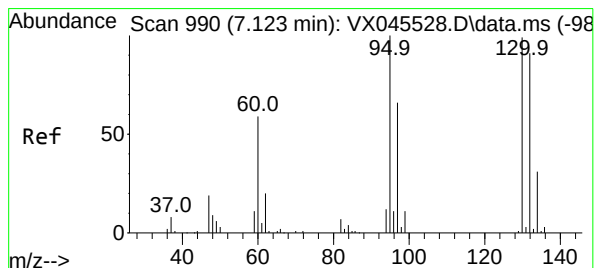
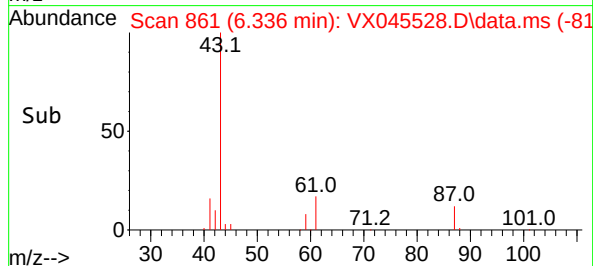
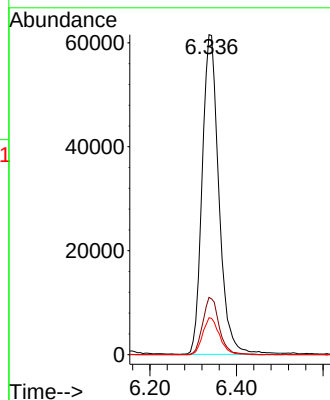
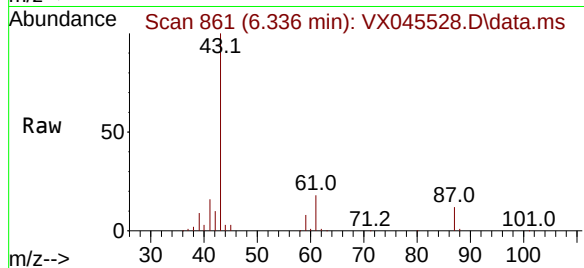
87 11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#44

Trichloroethene

Concen: 50.452 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045528.D

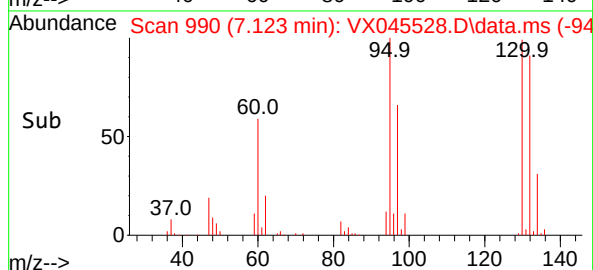
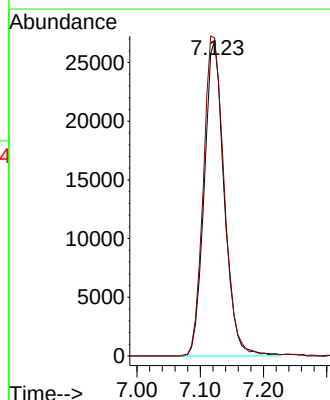
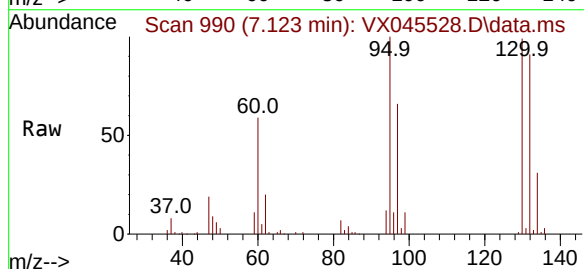
Acq: 01 Apr 2025 18:15

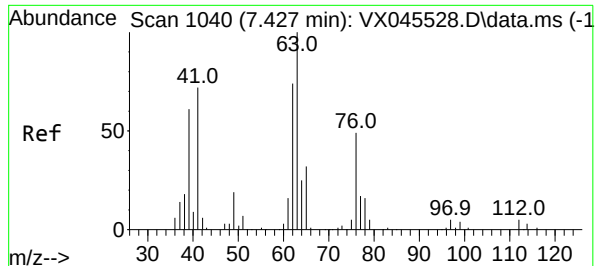
Tgt Ion:130 Resp: 59042

Ion Ratio Lower Upper

130 100

95 101.0 0.0 202.0





#45

1,2-Dichloropropane

Concen: 51.540 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 63310

Ion Ratio Lower Upper

63 100

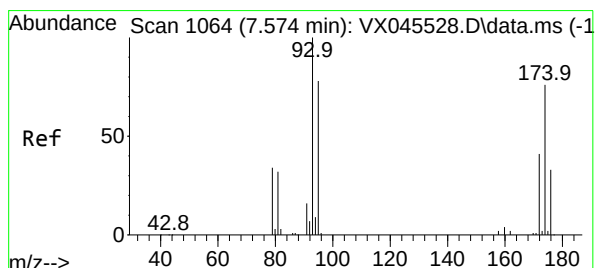
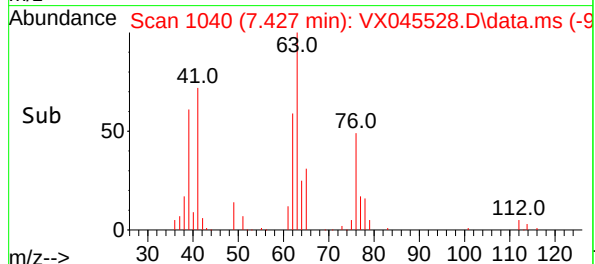
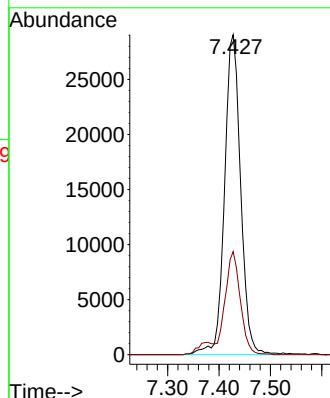
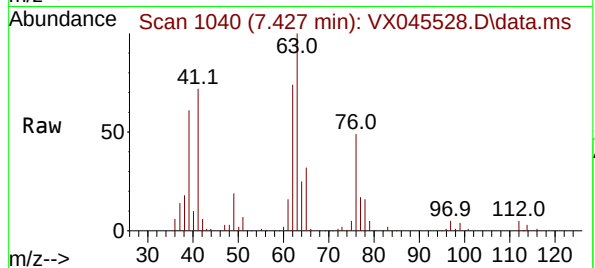
65 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#46

Dibromomethane

Concen: 52.092 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

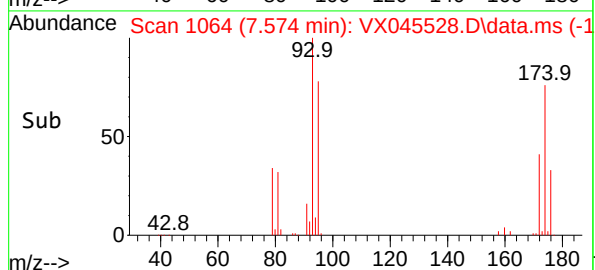
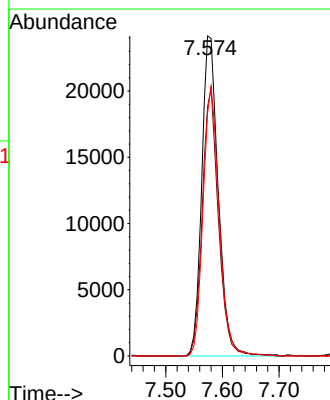
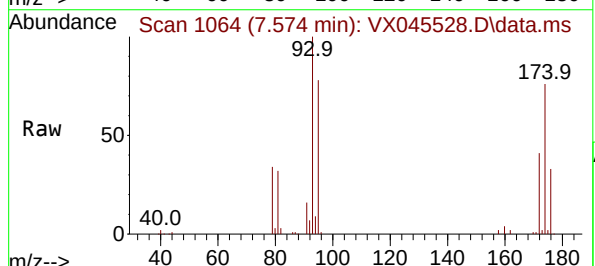
Tgt Ion: 93 Resp: 49125

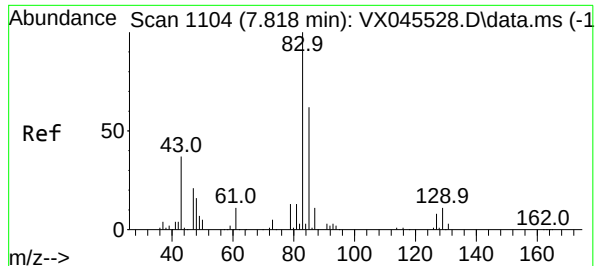
Ion Ratio Lower Upper

93 100

95 81.0 64.8 97.2

174 81.7 65.4 98.0





#47

Bromodichloromethane

Concen: 51.068 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

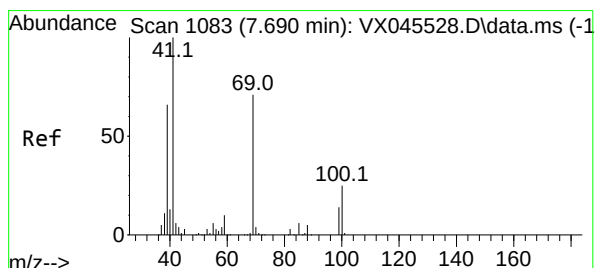
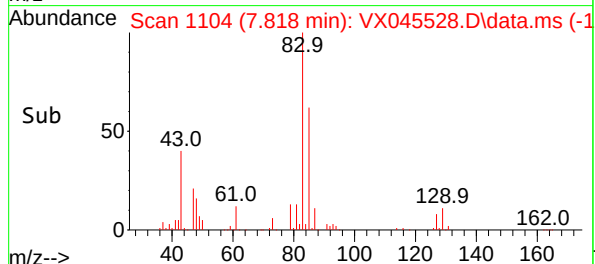
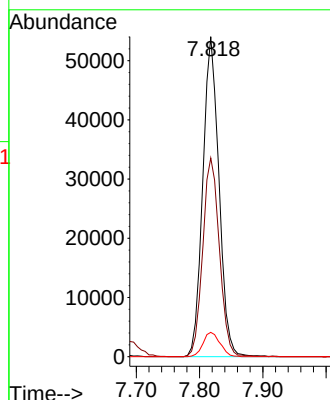
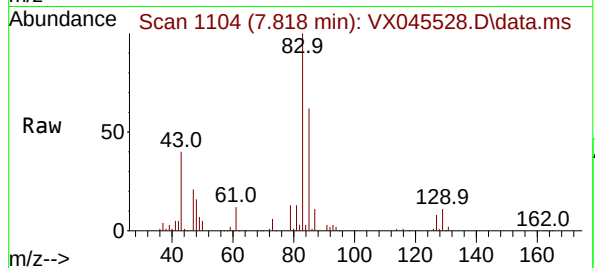
Tgt Ion:	83	Resp:	96170
Ion	Ratio	Lower	Upper
83	100		
85	62.1	49.7	74.5
127	7.6	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#48

Methyl methacrylate

Concen: 53.768 ug/l

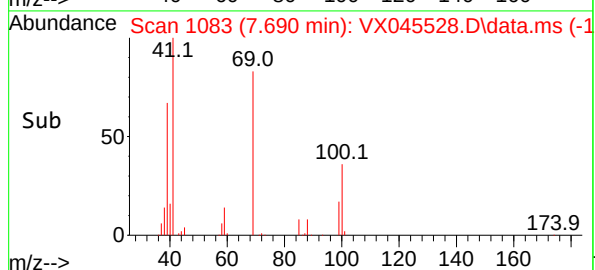
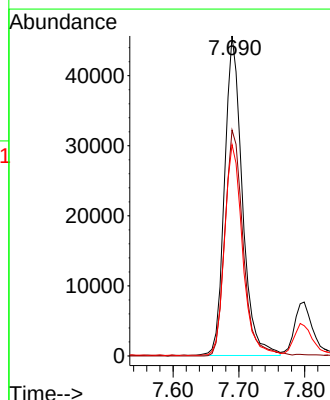
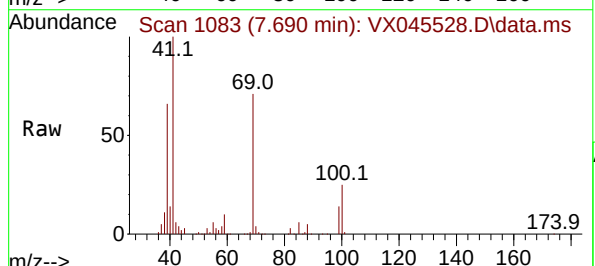
RT: 7.690 min Scan# 1083

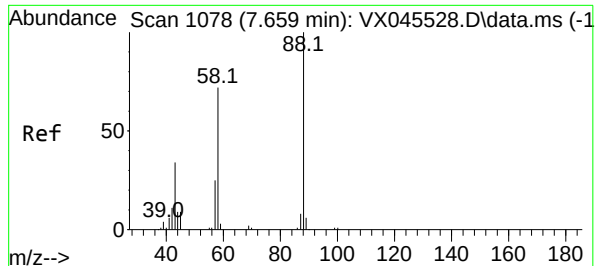
Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion:	41	Resp:	85483
Ion	Ratio	Lower	Upper
41	100		
69	72.7	58.2	87.2
39	67.0	53.6	80.4





#49

1,4-Dioxane

Concen: 1084.635 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

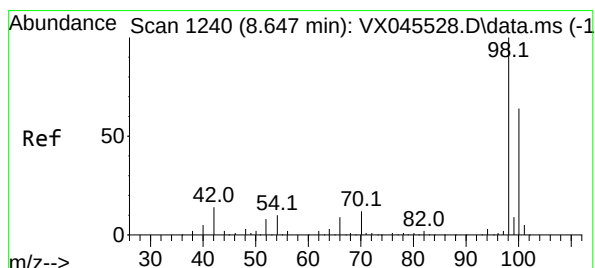
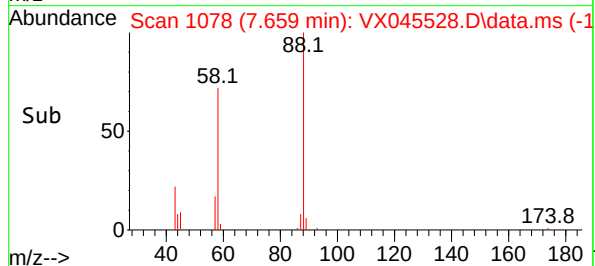
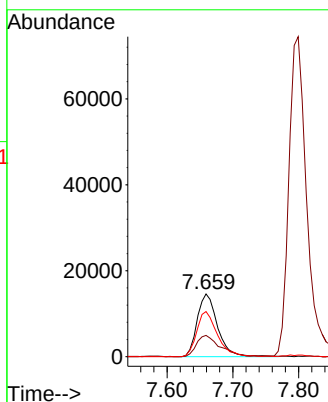
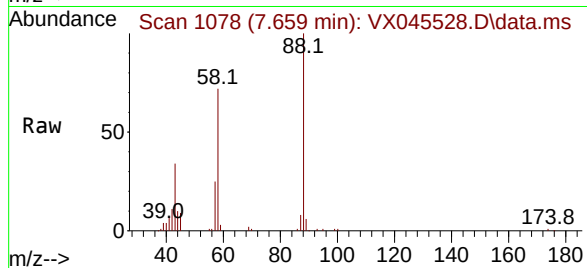
Tgt Ion:	88	Resp:	31199
Ion	Ratio	Lower	Upper
88	100		
43	40.3	32.2	48.4
58	73.3	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#50

Toluene-d8

Concen: 49.031 ug/l

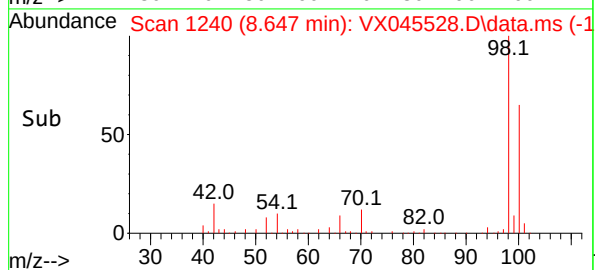
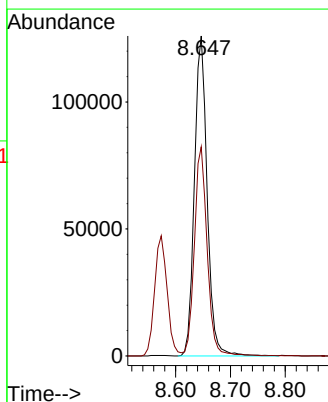
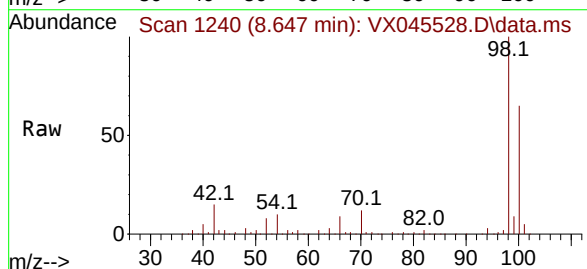
RT: 8.647 min Scan# 1240

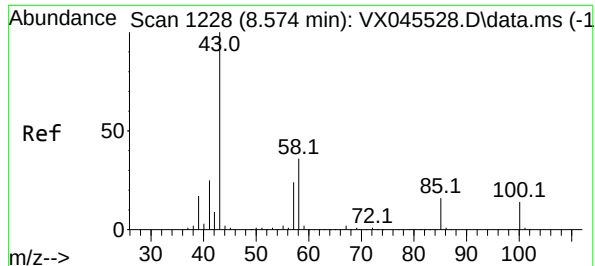
Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Tgt Ion:	98	Resp:	204338
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.4





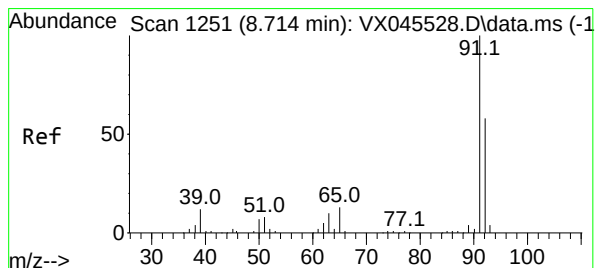
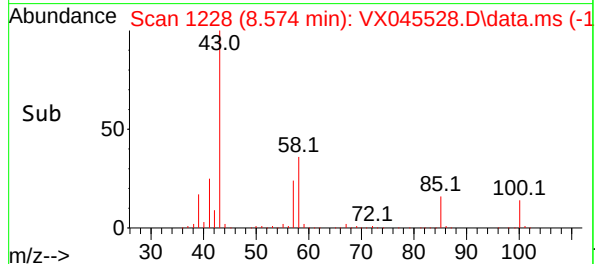
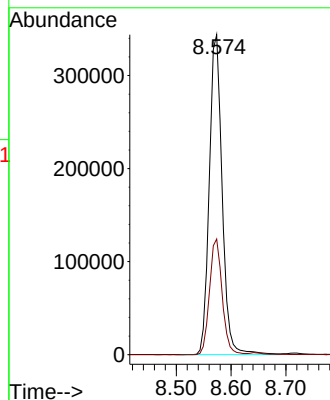
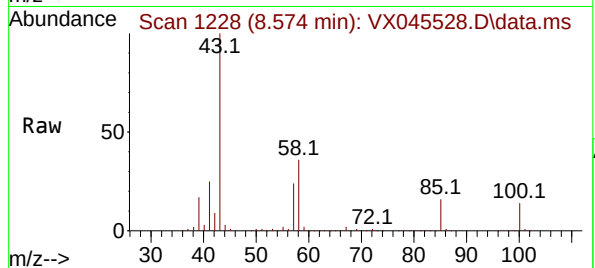
#51
4-Methyl-2-Pentanone
Concen: 273.375 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 558029
Ion Ratio Lower Upper
43 100
58 35.6 28.5 42.7

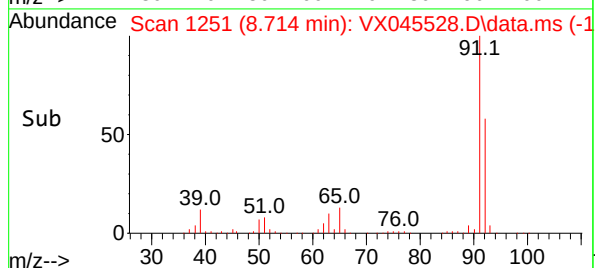
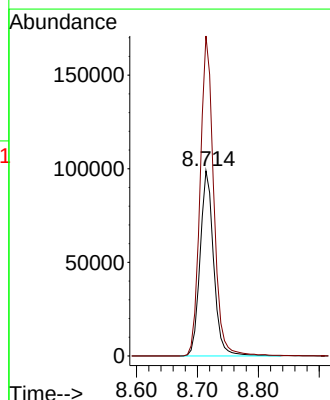
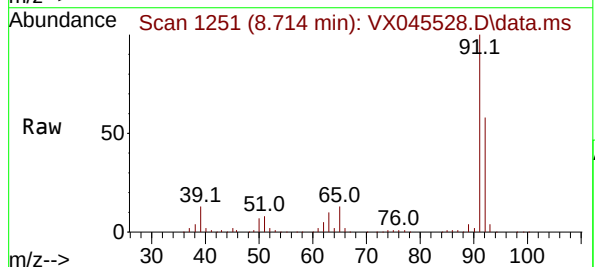
Manual Integrations
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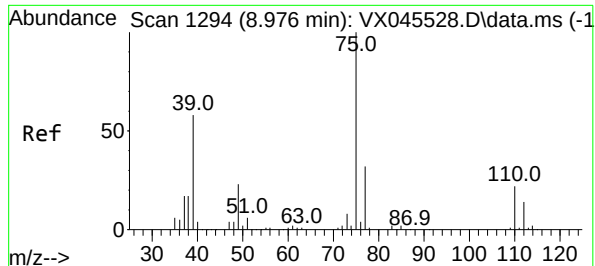
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 51.402 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 92 Resp: 153143
Ion Ratio Lower Upper
92 100
91 173.4 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 47.317 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 85462

Ion Ratio Lower Upper

75 100

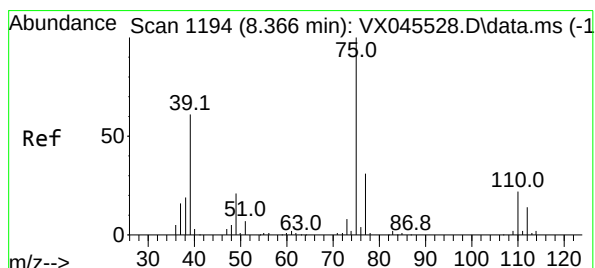
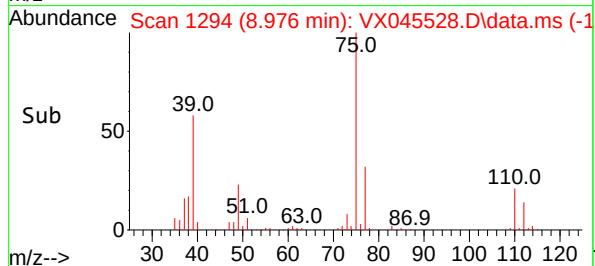
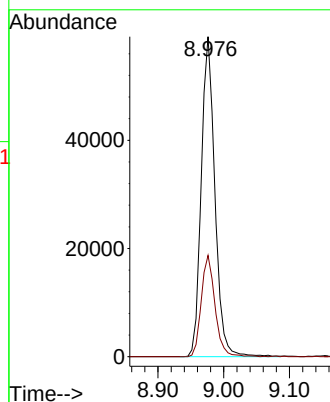
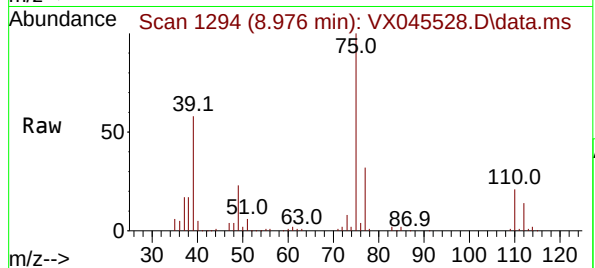
77 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#54

cis-1,3-Dichloropropene

Concen: 53.975 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

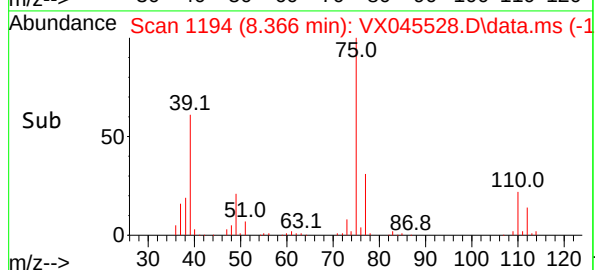
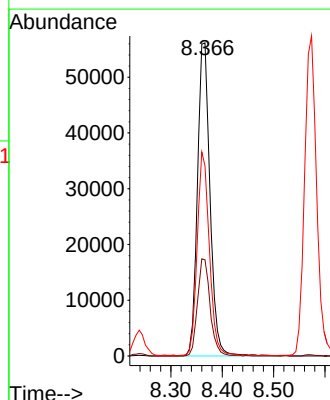
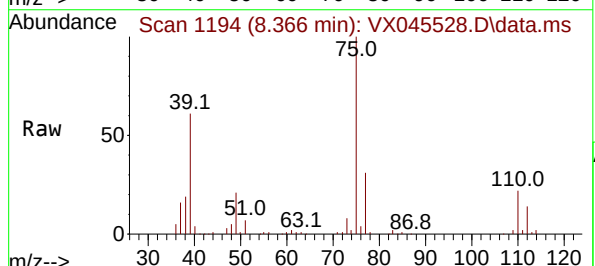
Tgt Ion: 75 Resp: 95524

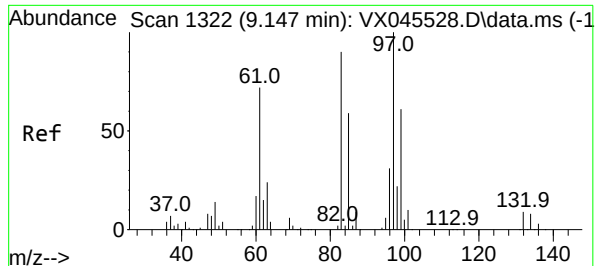
Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

39 60.5 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 50.919 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 60452

Ion Ratio Lower Upper

97 100

83 89.8 71.8 107.8

85 58.8 47.0 70.6

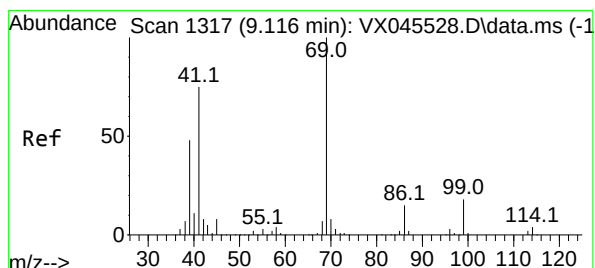
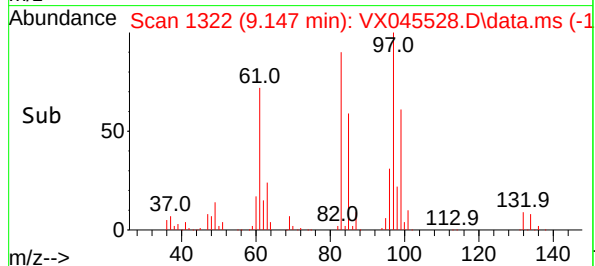
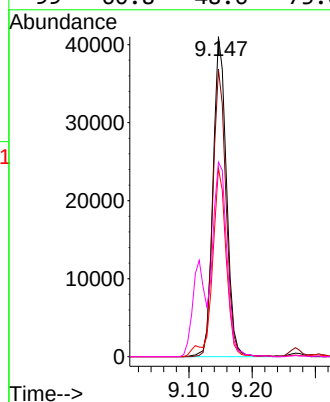
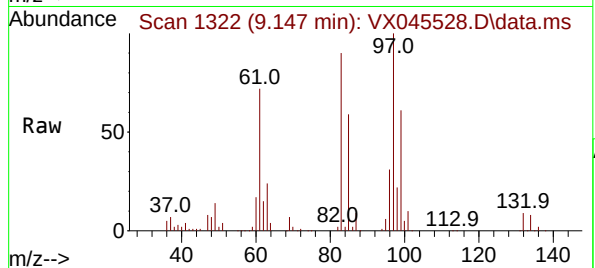
99 60.8 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#56

Ethyl methacrylate

Concen: 54.970 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

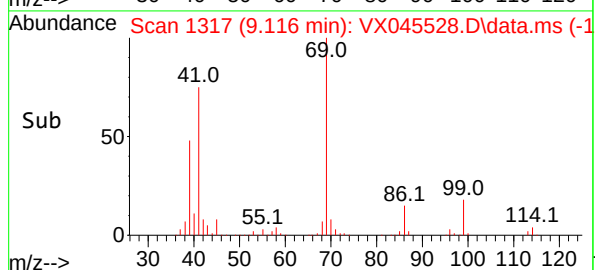
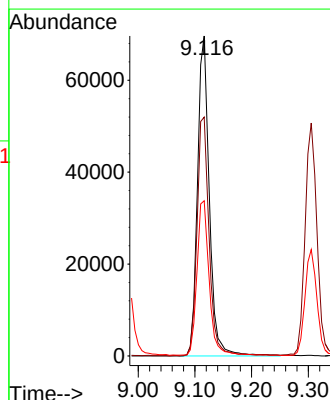
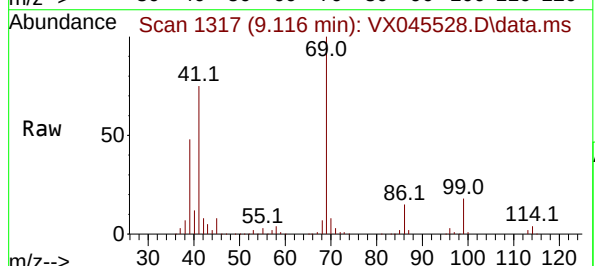
Tgt Ion: 69 Resp: 100998

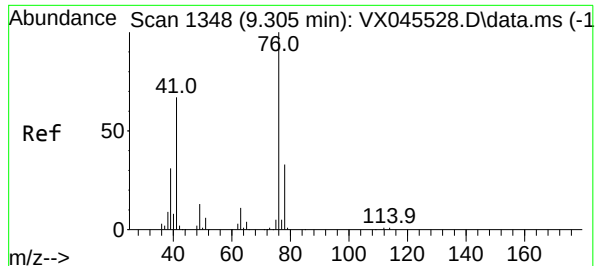
Ion Ratio Lower Upper

69 100

41 76.6 61.3 91.9

39 50.2 40.2 60.2





#57

1,3-Dichloropropane

Concen: 51.554 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 106580

Ion Ratio Lower Upper

76 100

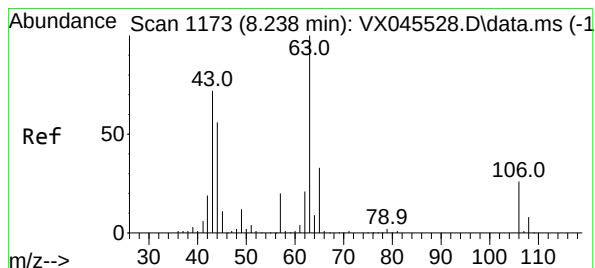
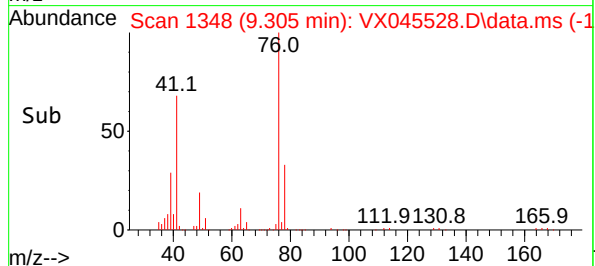
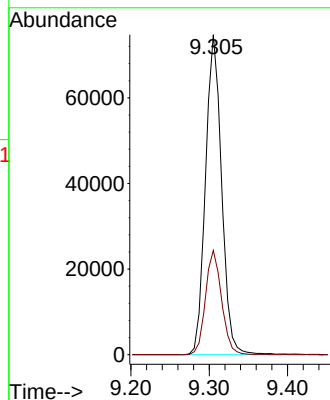
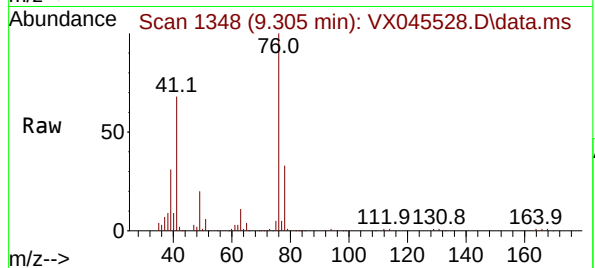
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 269.434 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045528.D

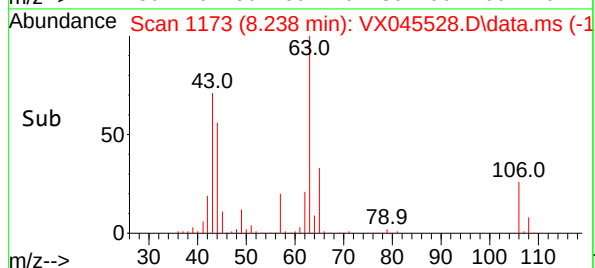
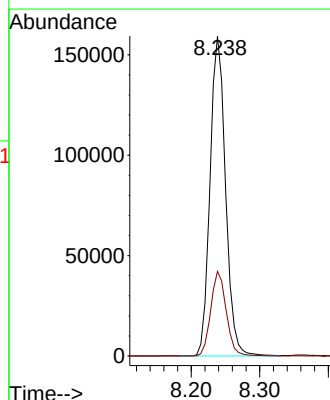
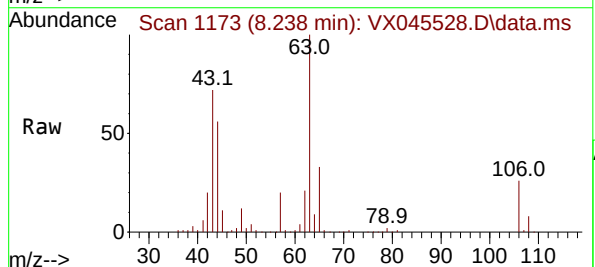
Acq: 01 Apr 2025 18:15

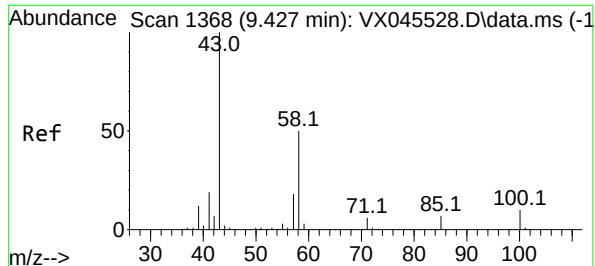
Tgt Ion: 63 Resp: 250428

Ion Ratio Lower Upper

63 100

106 26.3 21.0 31.6





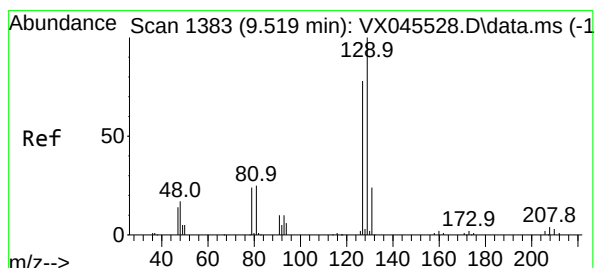
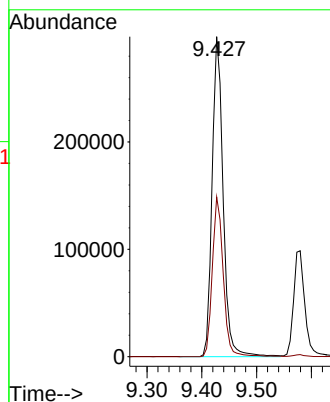
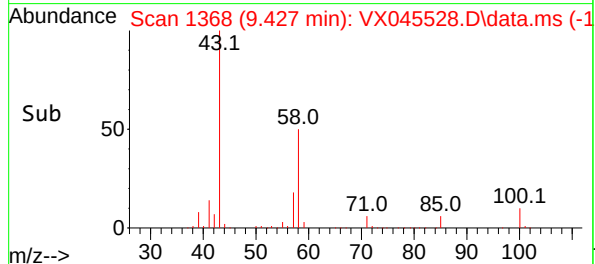
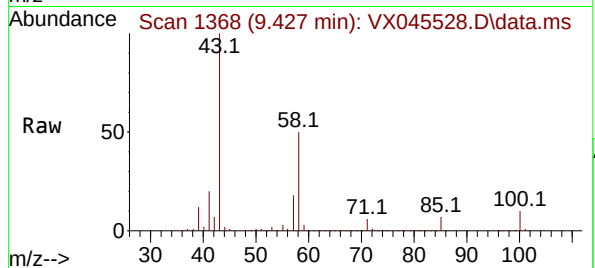
#59
2-Hexanone
Concen: 273.765 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 413824
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6

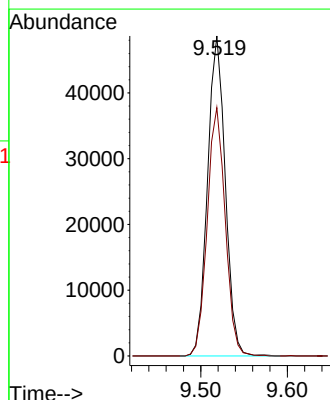
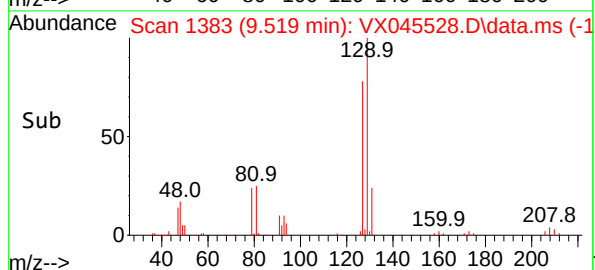
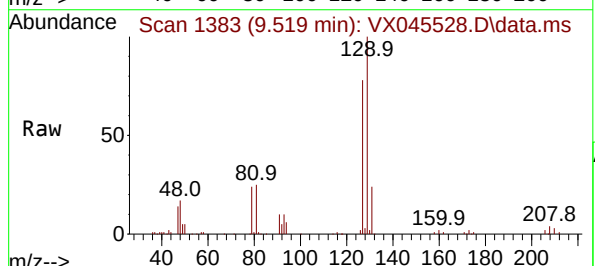
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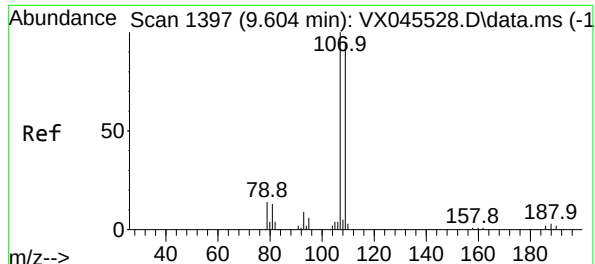
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#60
Dibromochloromethane
Concen: 53.511 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:129 Resp: 69258
Ion Ratio Lower Upper
129 100
127 78.8 39.4 118.2





#61

1,2-Dibromoethane

Concen: 52.264 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:107 Resp: 6281

Ion Ratio Lower Upper

107 100

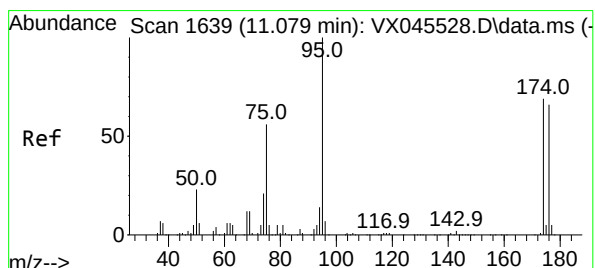
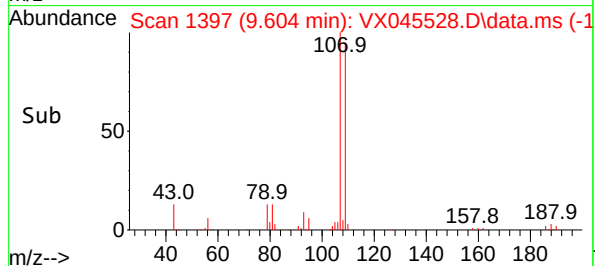
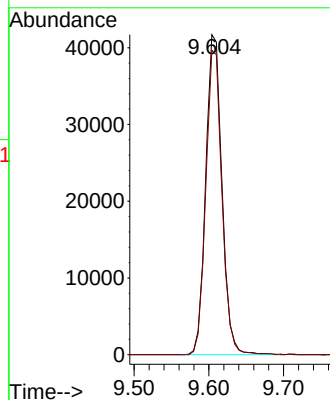
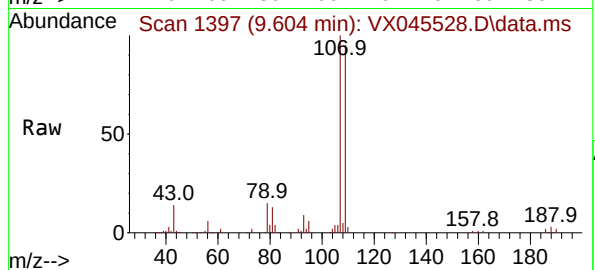
109 94.6 75.7 113.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#62

4-Bromofluorobenzene

Concen: 50.190 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

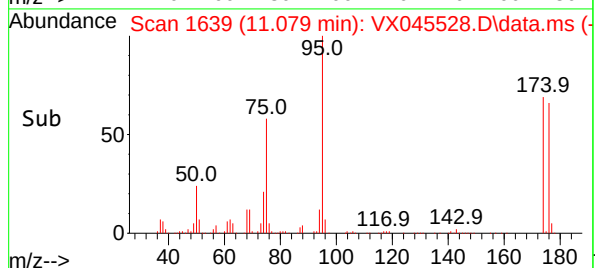
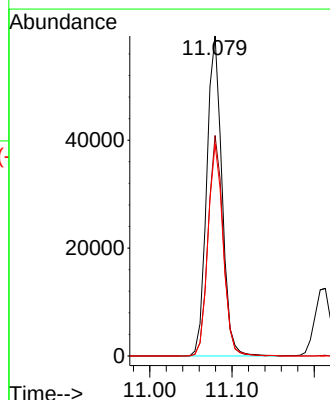
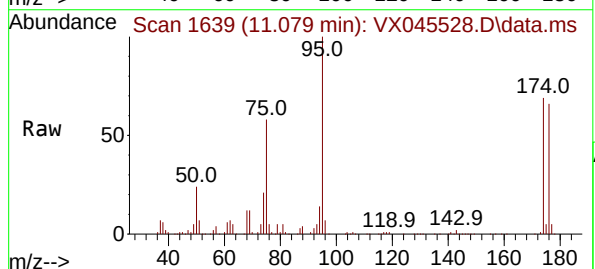
Tgt Ion: 95 Resp: 76190

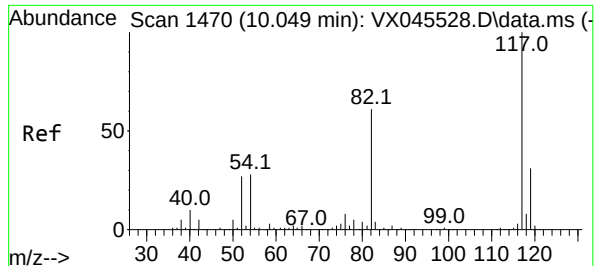
Ion Ratio Lower Upper

95 100

174 67.9 0.0 135.8

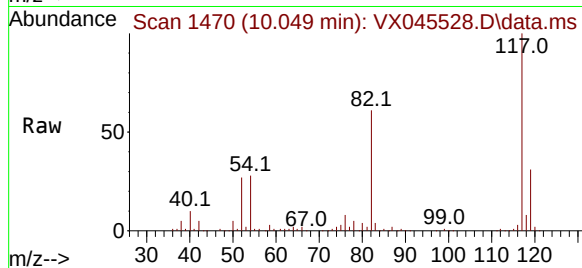
176 65.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

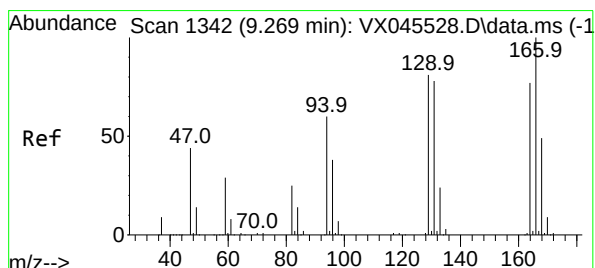
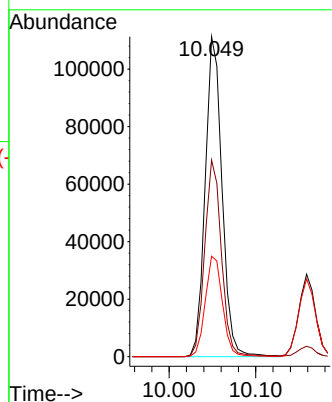
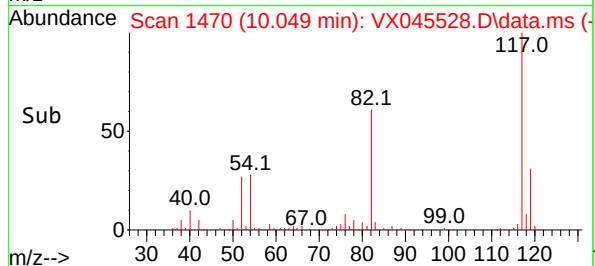
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 15020
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 31.4 25.1 37.7

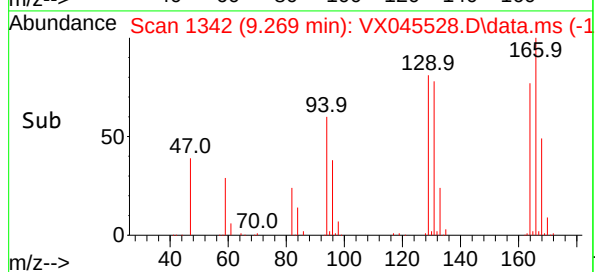
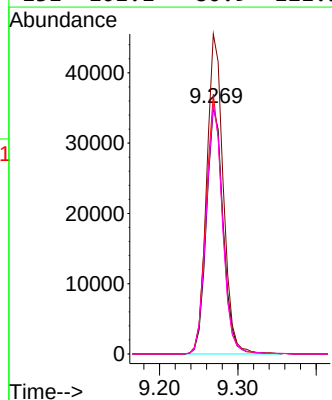
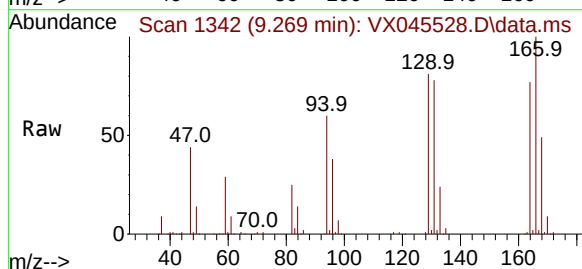
Manual Integrations
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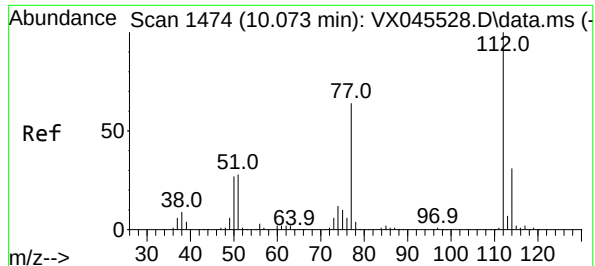
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#64
Tetrachloroethene
Concen: 49.181 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

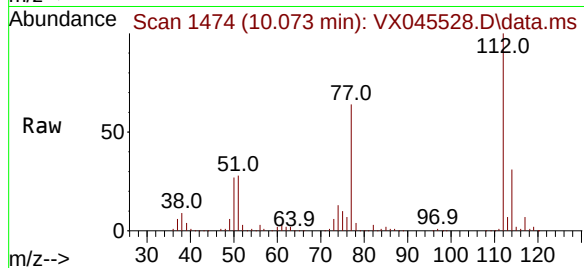
Tgt Ion:164 Resp: 52155
Ion Ratio Lower Upper
164 100
166 129.8 103.8 155.8
129 105.4 84.3 126.5
131 101.1 80.9 121.3





#65
Chlorobenzene
Concen: 50.733 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

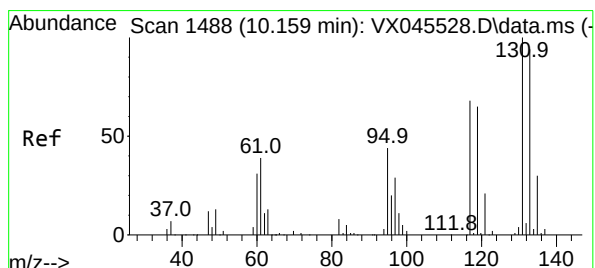
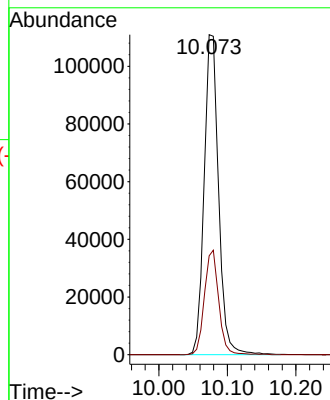
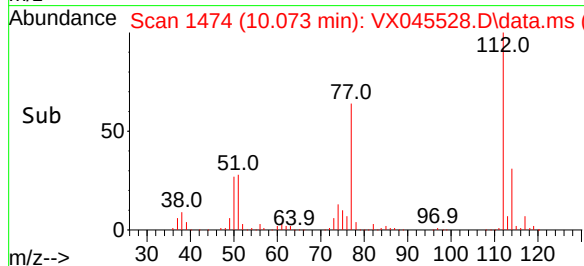
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 162829
Ion Ratio Lower Upper
112 100
114 30.9 24.7 37.1

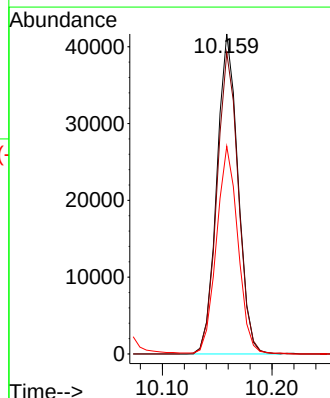
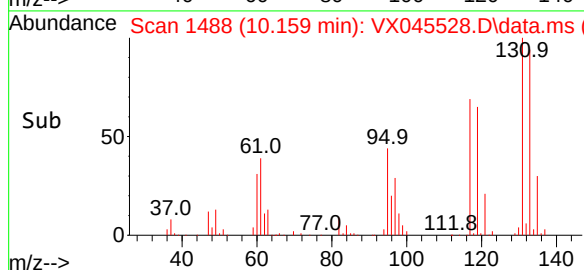
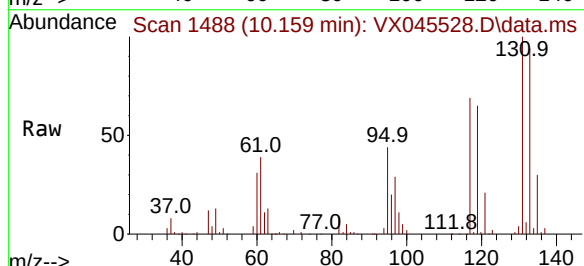
Manual Integrations
APPROVED

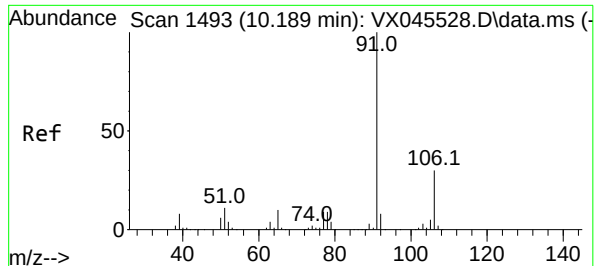
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.233 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:131 Resp: 55974
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 65.7 32.9 98.6





#67

Ethyl Benzene

Concen: 52.447 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 30148

Ion Ratio Lower Upper

91 100

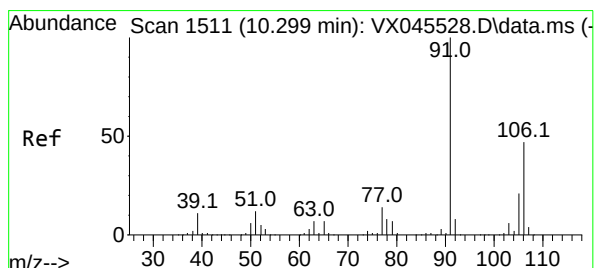
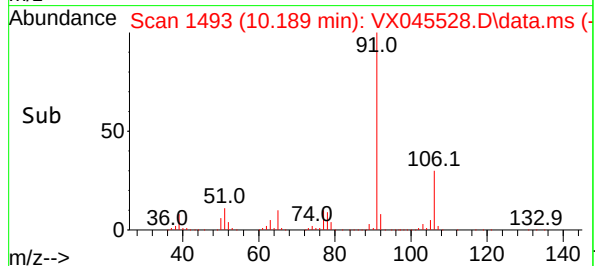
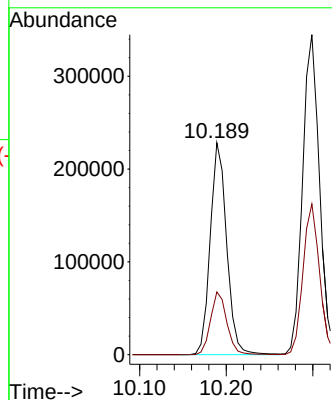
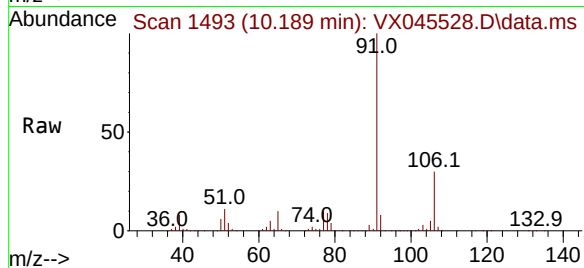
106 29.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#68

m/p-Xylenes

Concen: 104.606 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045528.D

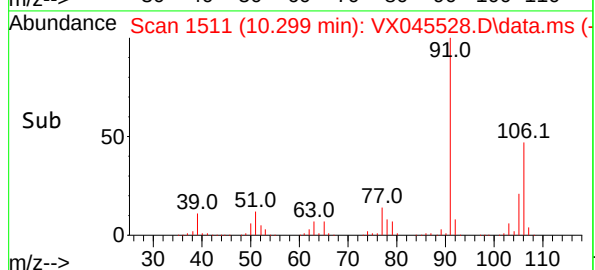
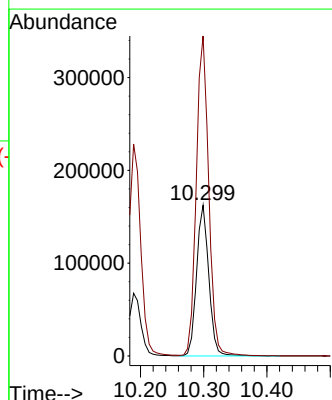
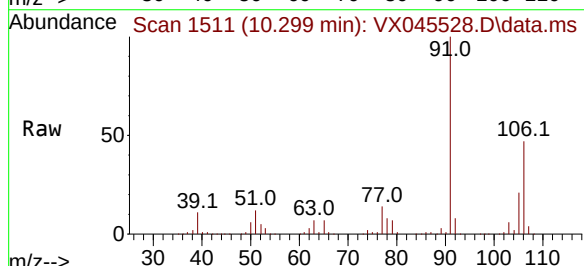
Acq: 01 Apr 2025 18:15

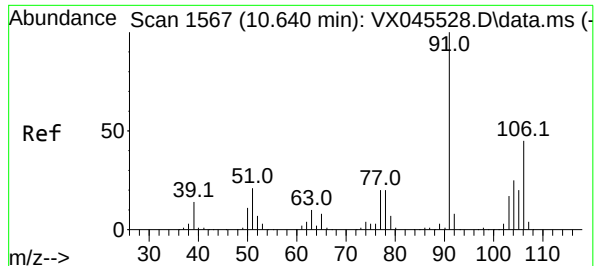
Tgt Ion:106 Resp: 218702

Ion Ratio Lower Upper

106 100

91 215.7 172.6 258.8





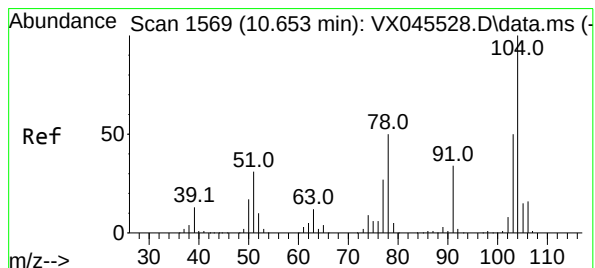
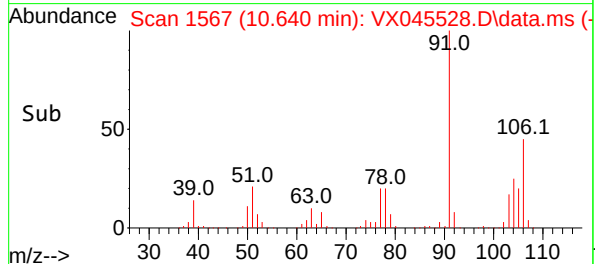
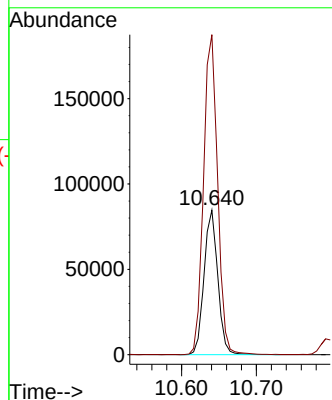
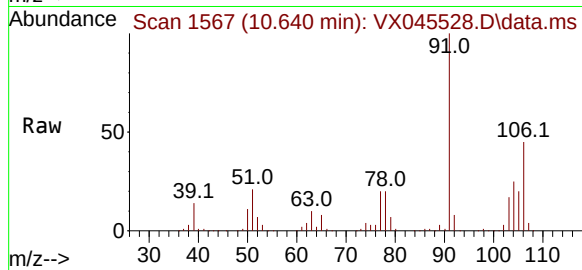
#69
o-Xylene
Concen: 52.452 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 108028
Ion Ratio Lower Upper
106 100
91 227.1 113.6 340.6

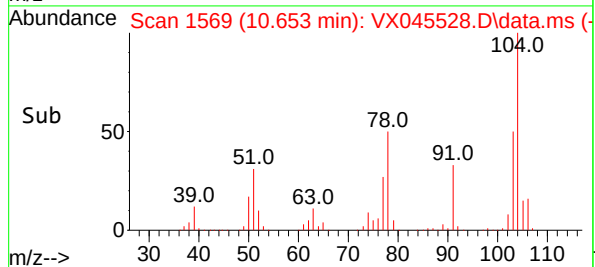
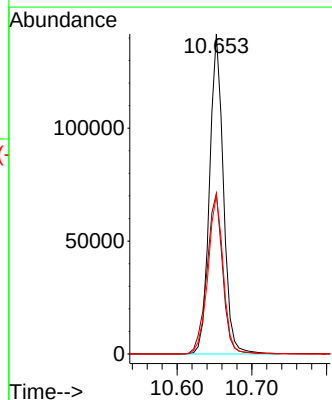
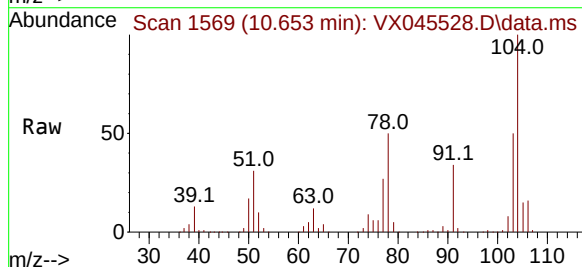
Manual Integrations
APPROVED

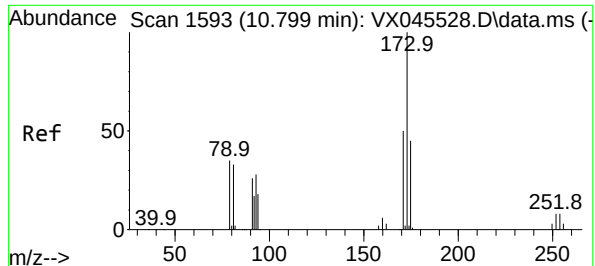
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#70
Styrene
Concen: 53.723 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

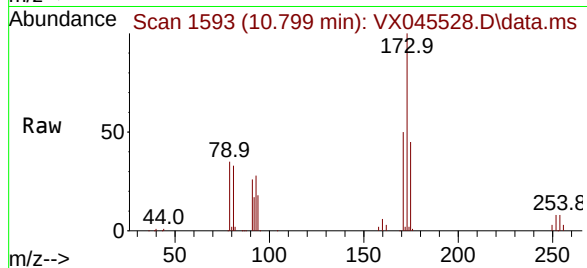
Tgt Ion:104 Resp: 182620
Ion Ratio Lower Upper
104 100
78 56.8 45.4 68.2
103 54.8 43.8 65.8





#71
Bromoform
Concen: 53.361 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

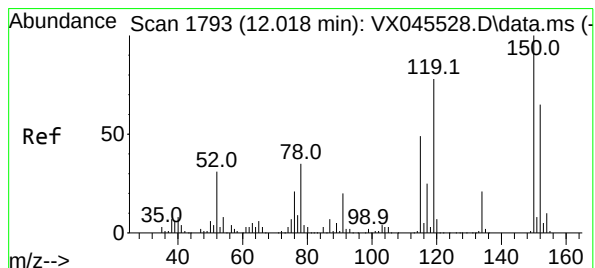
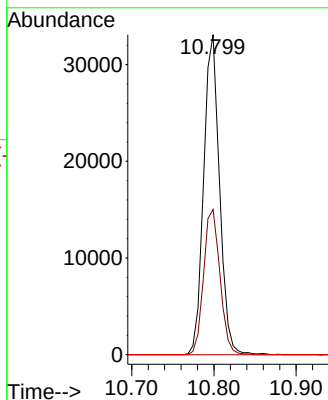
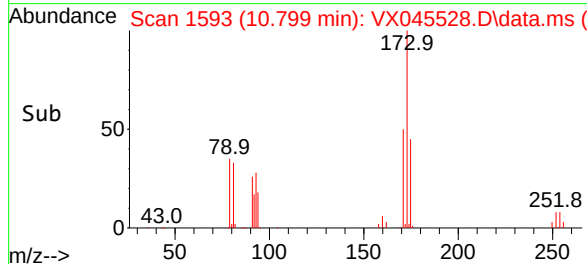
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 4439
Ion Ratio Lower Upper
173 100
175 46.8 23.4 70.2
254 0.0 0.0 0.0

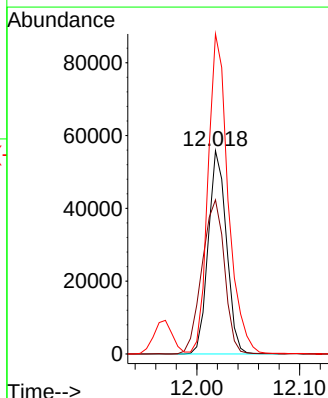
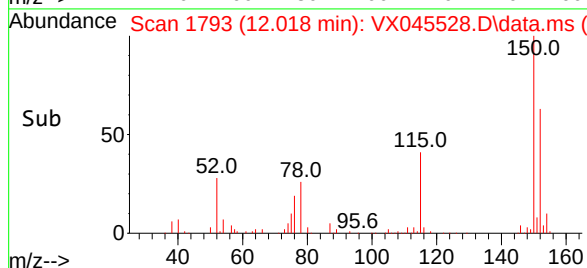
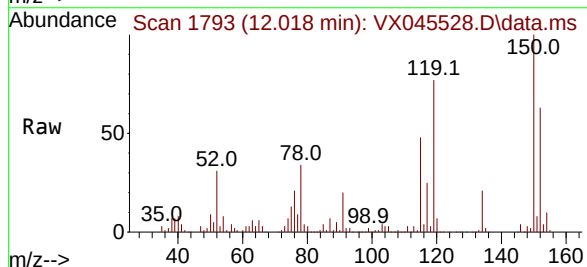
Manual Integrations
APPROVED

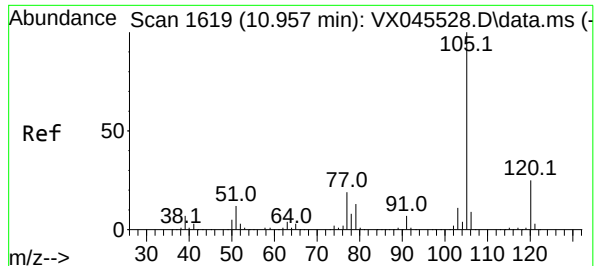
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:152 Resp: 68786
Ion Ratio Lower Upper
152 100
115 93.8 46.9 140.7
150 174.7 0.0 349.4





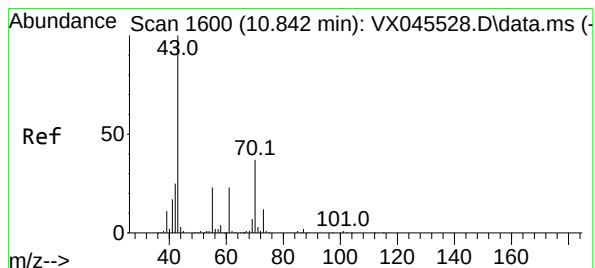
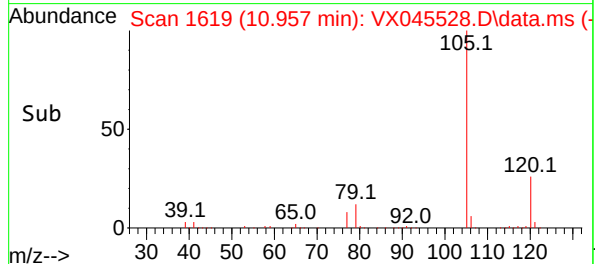
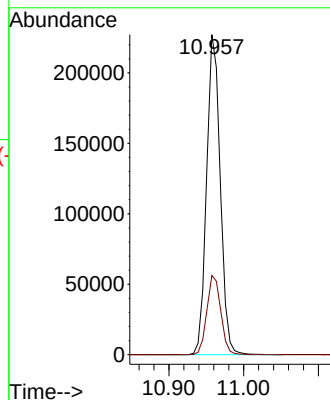
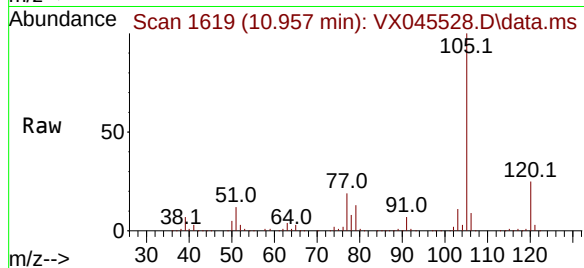
#73
Isopropylbenzene
Concen: 52.203 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 287628
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.0

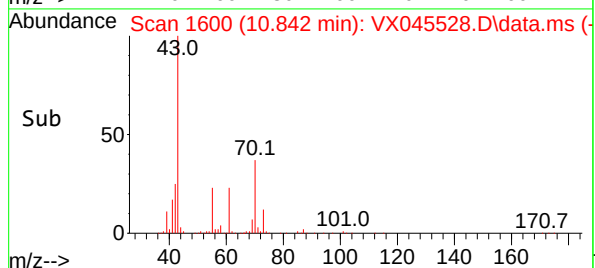
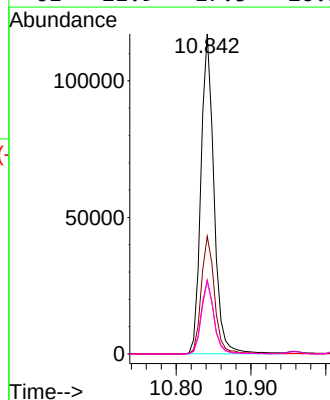
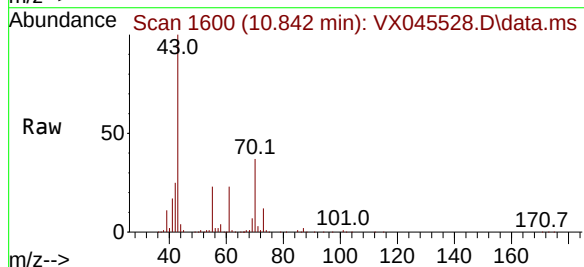
Manual Integrations
APPROVED

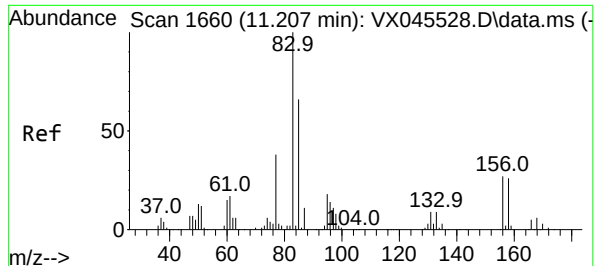
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#74
N-ethyl acetate
Concen: 53.721 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 141589
Ion Ratio Lower Upper
43 100
70 37.6 30.1 45.1
55 22.9 18.3 27.5
61 21.9 17.5 26.3





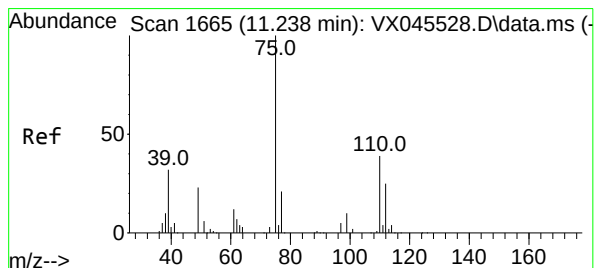
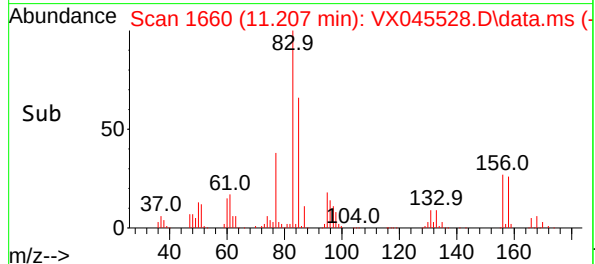
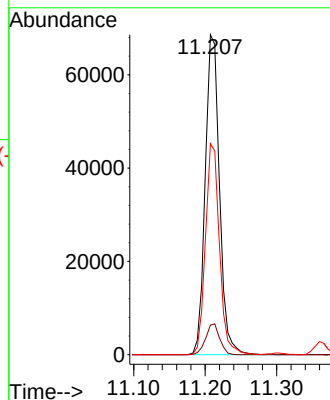
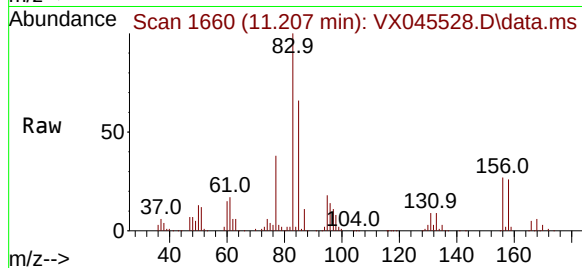
#75
1,1,2-Tetrachloroethane
Concen: 49.185 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 95200
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 64.8 32.4 97.2

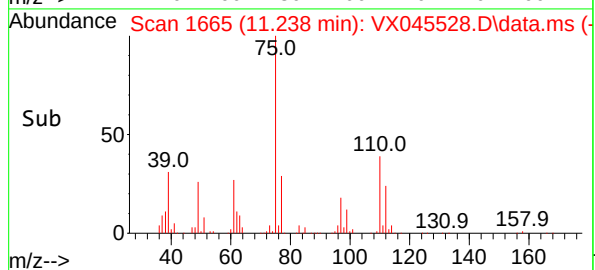
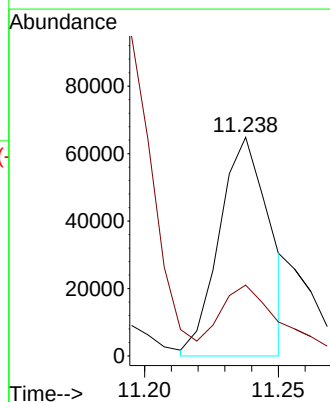
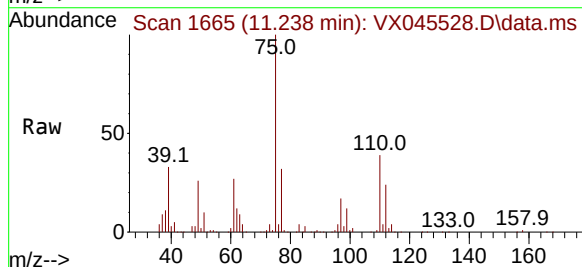
Manual Integrations
APPROVED

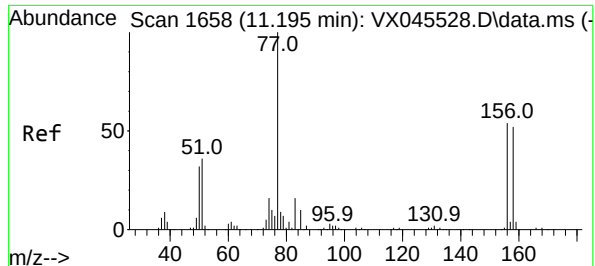
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#76
1,2,3-Trichloropropane
Concen: 50.230 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

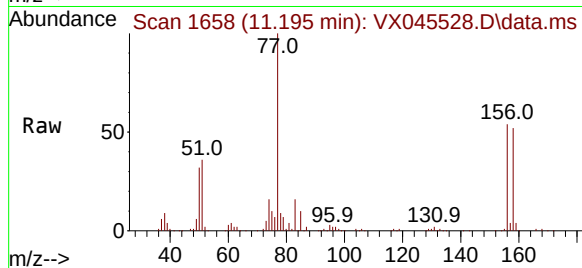
Tgt Ion: 75 Resp: 84279
Ion Ratio Lower Upper
75 100
77 39.9 20.0 59.9





#77
Bromobenzene
Concen: 50.686 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

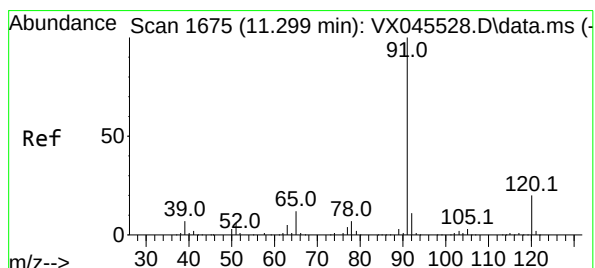
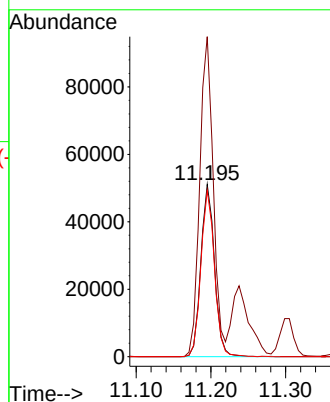
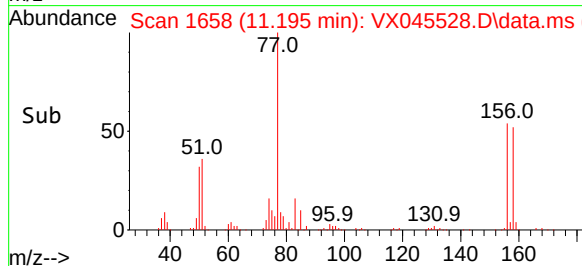
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 6452
Ion Ratio Lower Upper
156 100
77 185.2 92.6 277.8
158 96.3 48.1 144.4

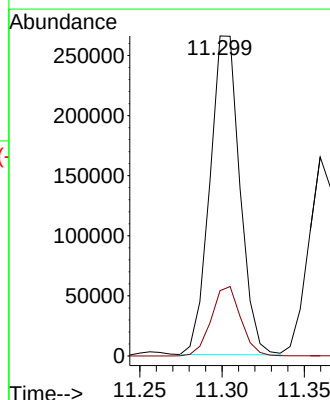
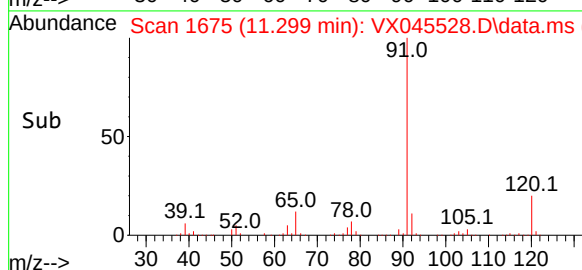
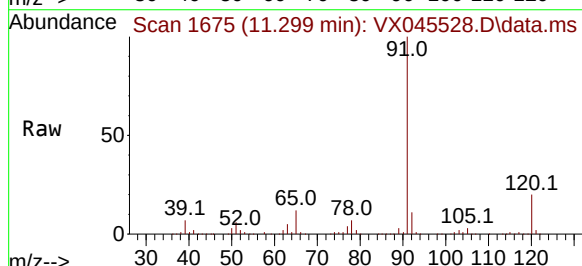
Manual Integrations
APPROVED

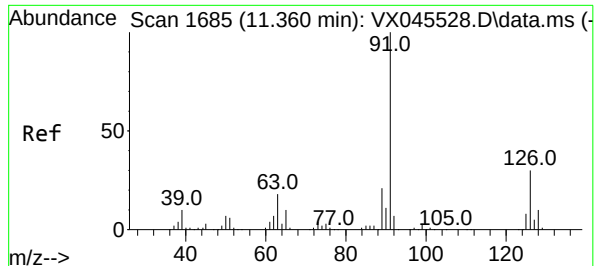
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#78
n-propylbenzene
Concen: 53.069 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 91 Resp: 336796
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





#79

2-Chlorotoluene

Concen: 50.279 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 203994

Ion Ratio Lower Upper

91 100

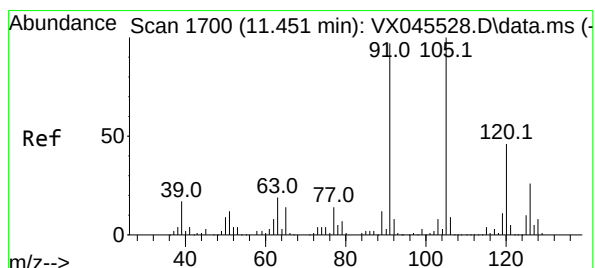
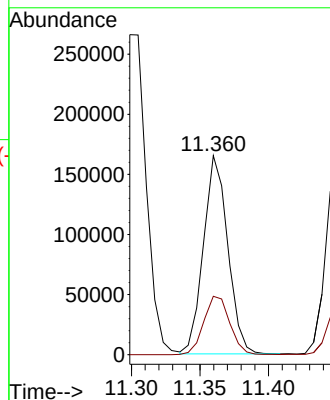
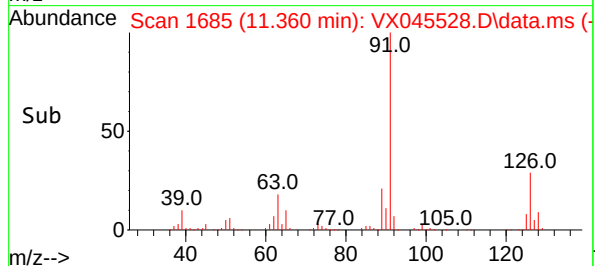
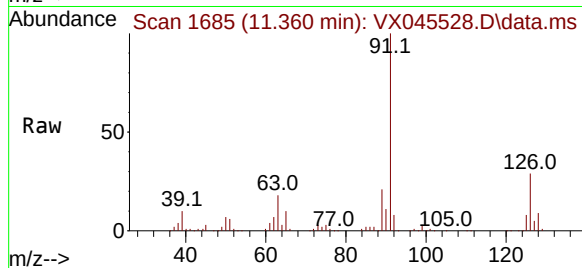
126 31.6 15.8 47.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#80

1,3,5-Trimethylbenzene

Concen: 53.013 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045528.D

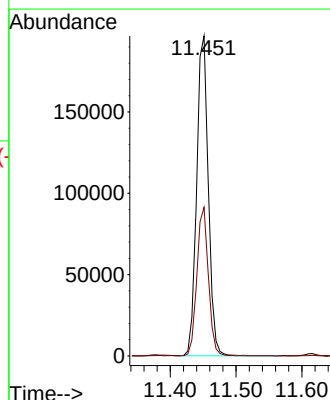
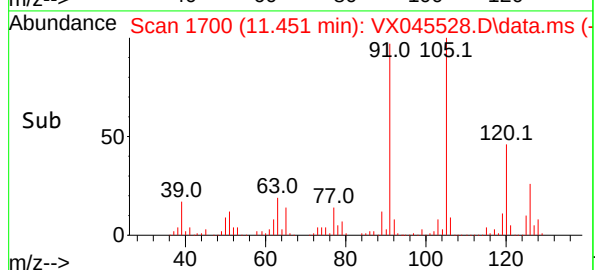
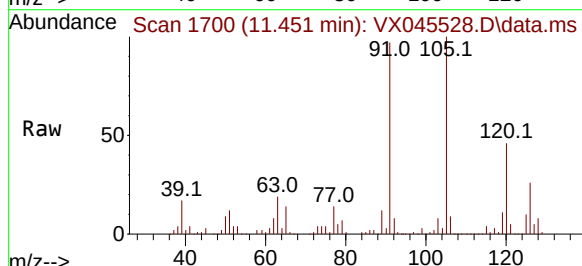
Acq: 01 Apr 2025 18:15

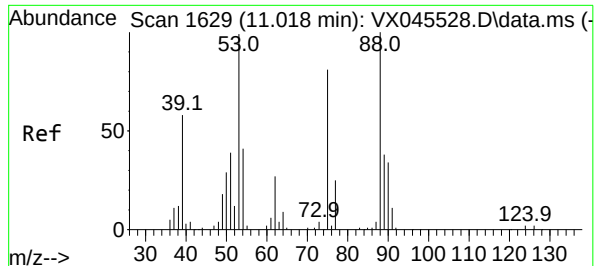
Tgt Ion:105 Resp: 241536

Ion Ratio Lower Upper

105 100

120 46.0 23.0 69.0





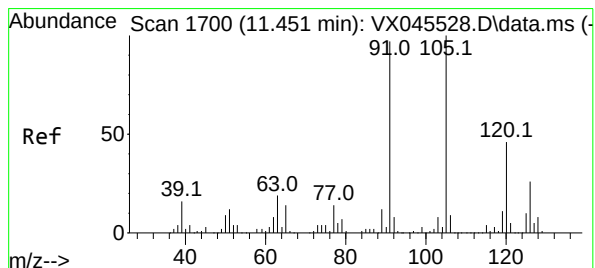
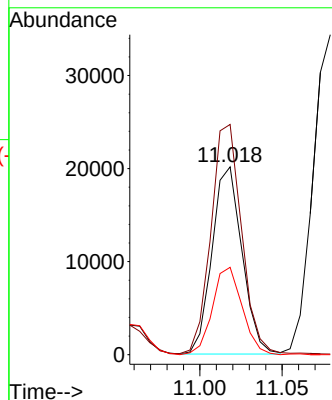
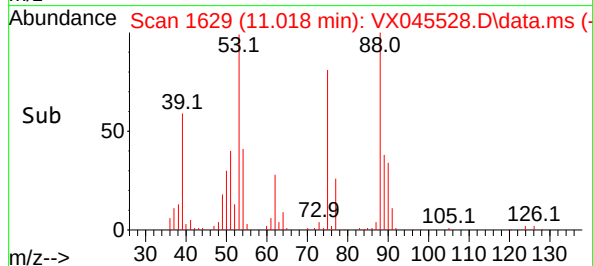
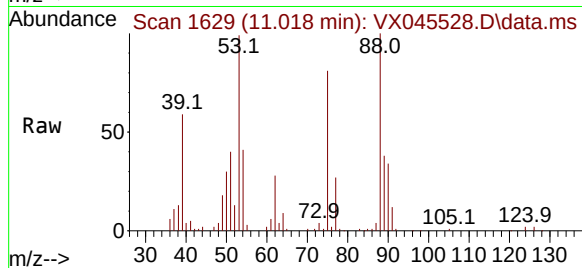
#81
trans-1,4-Dichloro-2-butene
Concen: 51.556 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 25488
Ion Ratio Lower Upper
75 100
53 127.2 101.8 152.6
89 46.5 37.2 55.8

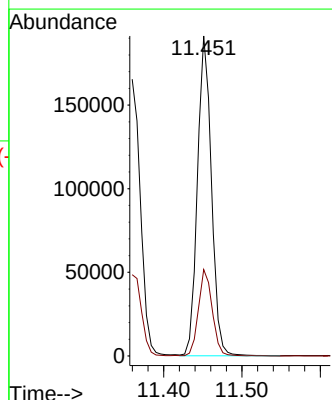
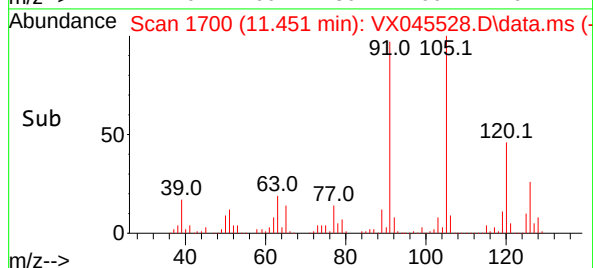
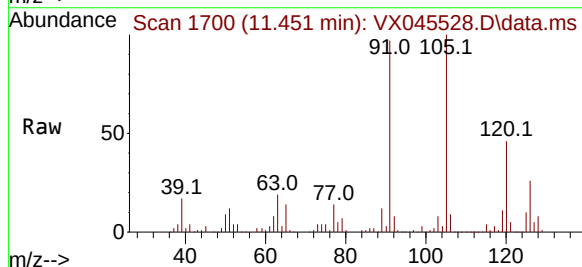
Manual Integrations
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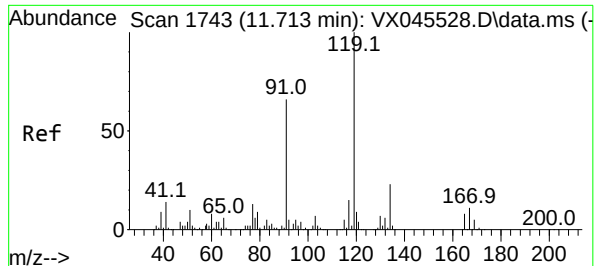
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#82
4-Chlorotoluene
Concen: 52.439 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

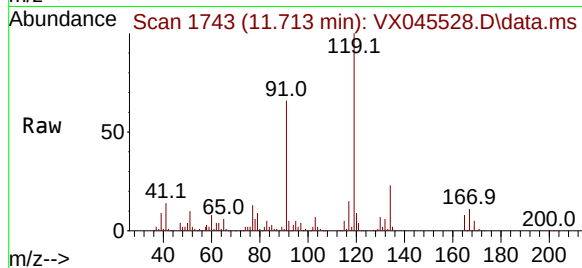
Tgt Ion: 91 Resp: 237213
Ion Ratio Lower Upper
91 100
126 26.6 13.3 39.9





#83
tert-Butylbenzene
Concen: 52.256 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

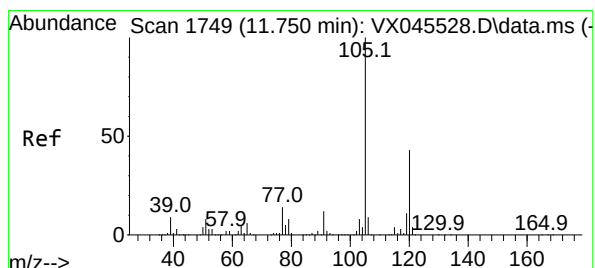
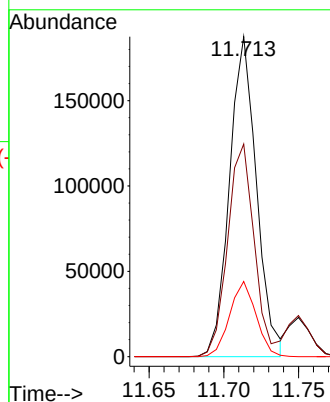
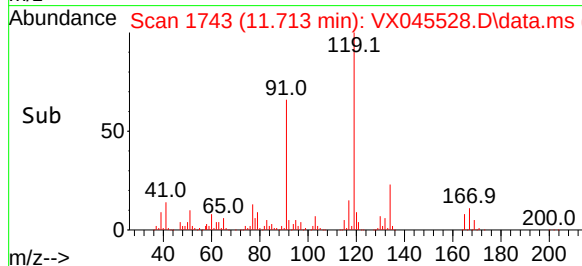
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 235715
Ion Ratio Lower Upper
119 100
91 64.8 32.4 97.2
134 23.0 11.5 34.5

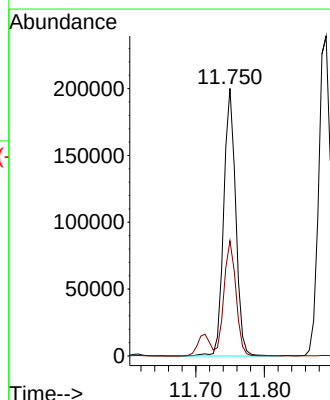
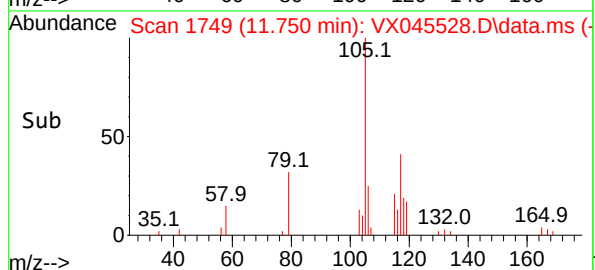
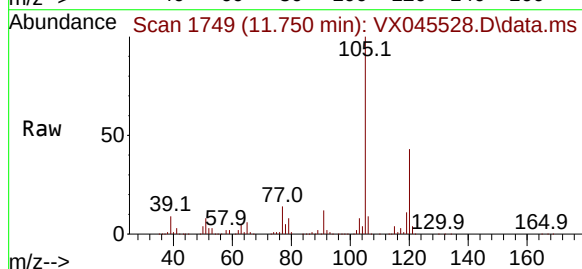
Manual Integrations
APPROVED

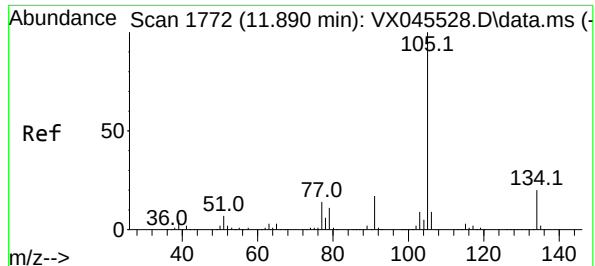
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 52.986 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

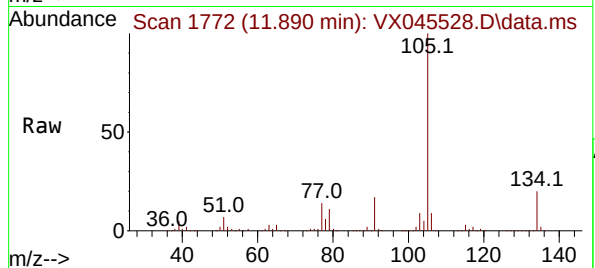
Tgt Ion:105 Resp: 242301
Ion Ratio Lower Upper
105 100
120 42.9 21.4 64.3





#85
sec-Butylbenzene
Concen: 53.391 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

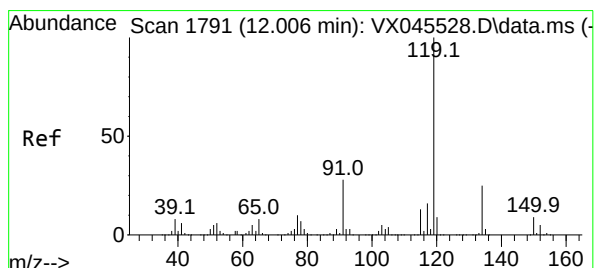
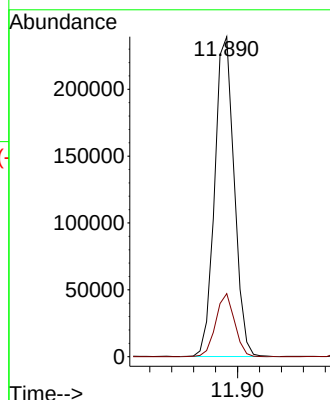
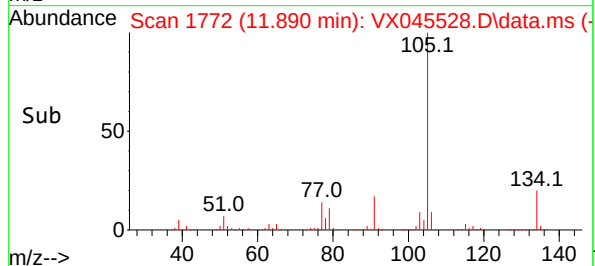
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 295799
Ion Ratio Lower Upper
105 100
134 19.1 9.6 28.6

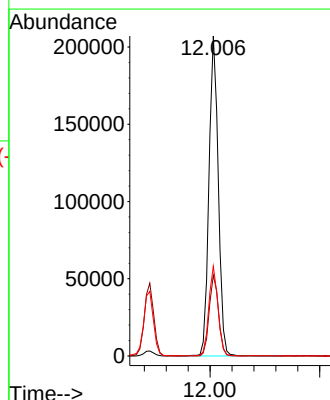
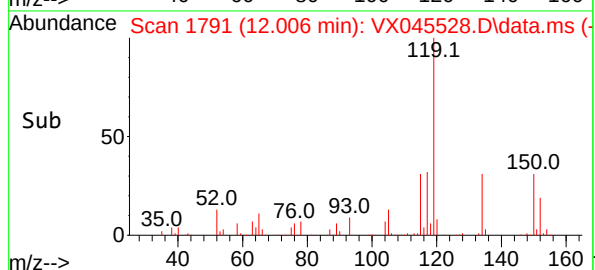
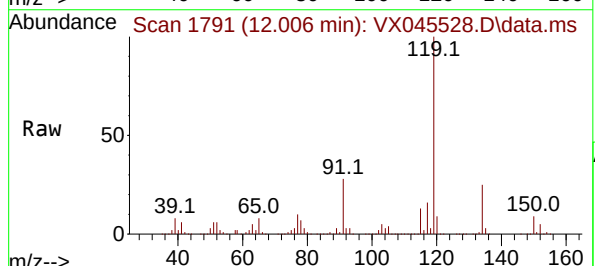
Manual Integrations
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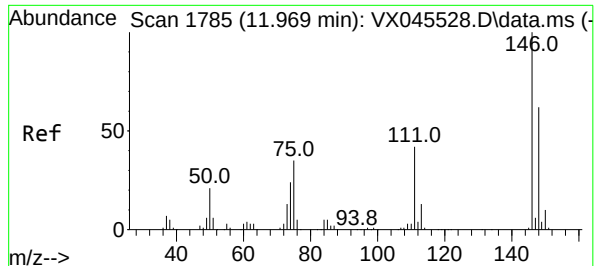
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#86
p-Isopropyltoluene
Concen: 53.073 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

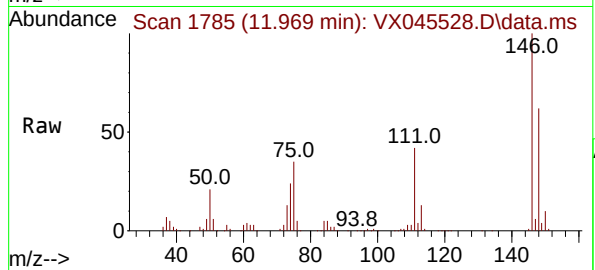
Tgt Ion:119 Resp: 242416
Ion Ratio Lower Upper
119 100
134 25.2 12.6 37.8
91 27.4 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 50.441 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

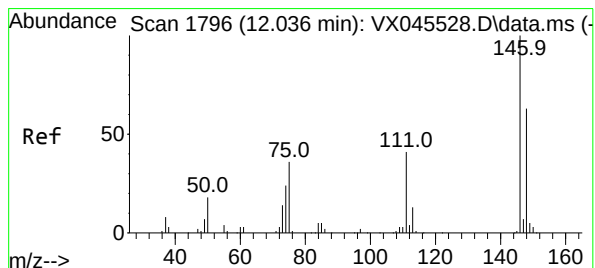
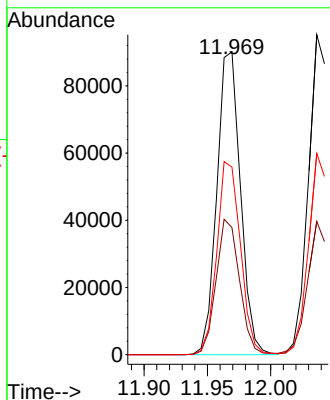
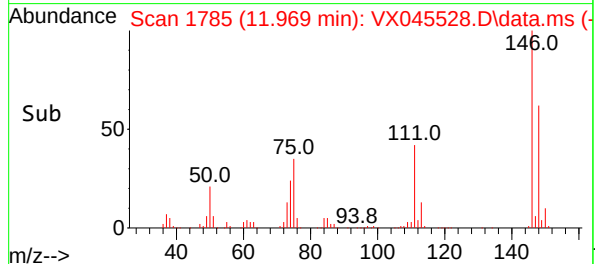
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 116890
Ion Ratio Lower Upper
146 100
111 44.4 22.2 66.6
148 63.8 31.9 95.7

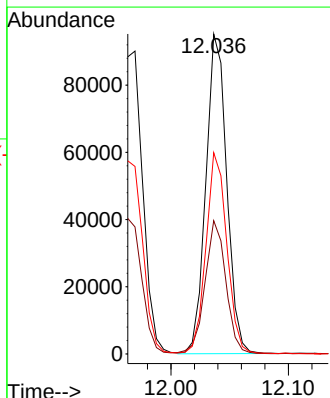
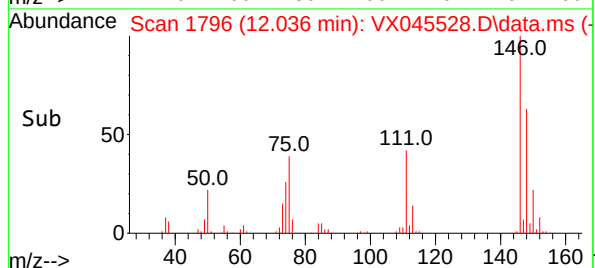
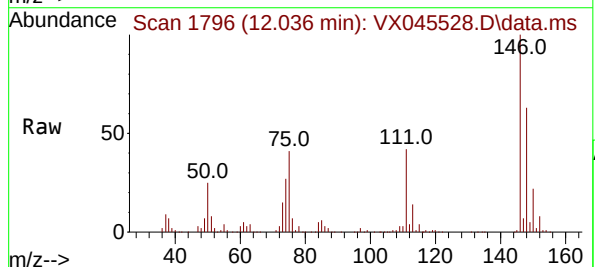
Manual Integrations
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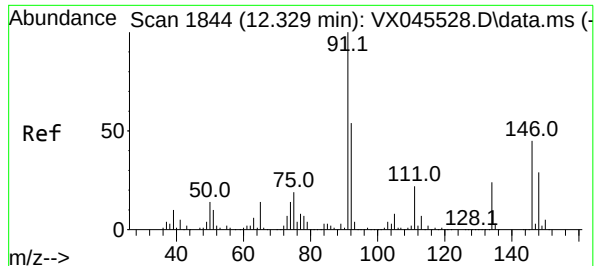
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#88
1,4-Dichlorobenzene
Concen: 49.871 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:146 Resp: 117164
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.8
148 63.0 31.5 94.5





#89

n-Butylbenzene

Concen: 54.874 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 21734

Ion Ratio Lower Upper

91 100

92 53.7 26.9 80.6

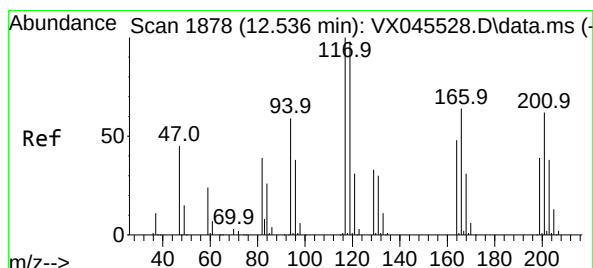
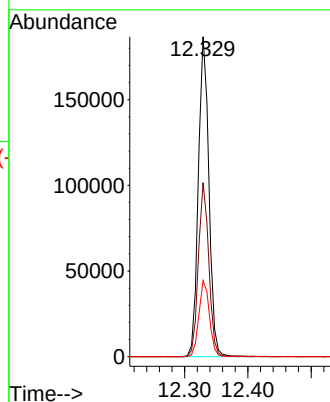
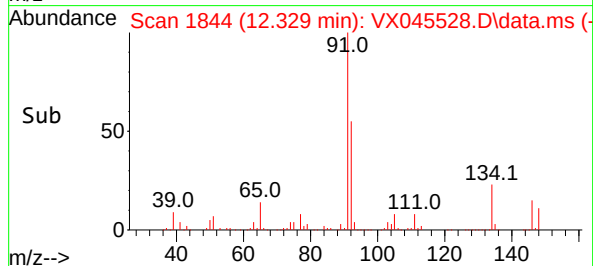
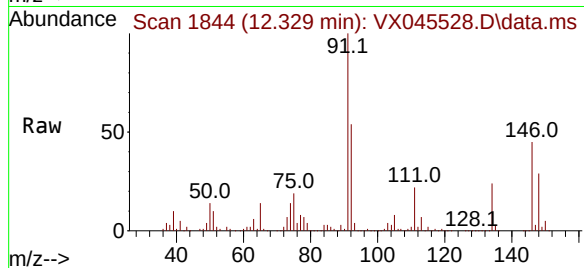
134 23.8 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#90

Hexachloroethane

Concen: 52.352 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045528.D

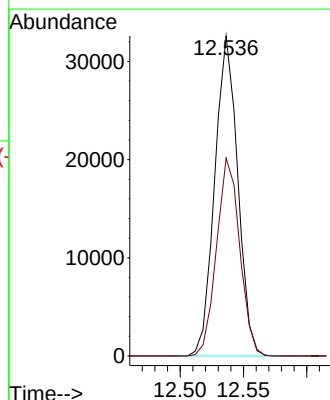
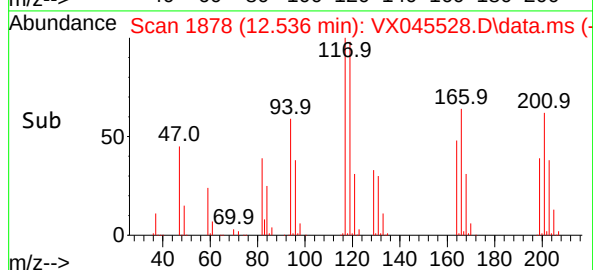
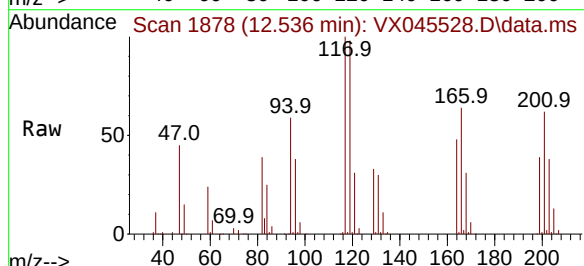
Acq: 01 Apr 2025 18:15

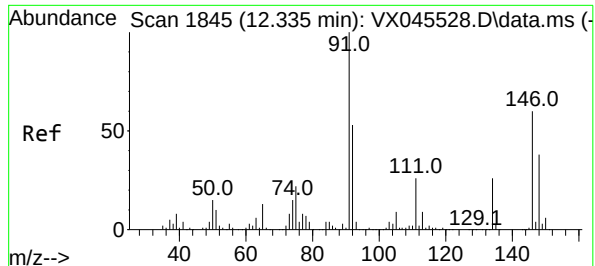
Tgt Ion:117 Resp: 41095

Ion Ratio Lower Upper

117 100

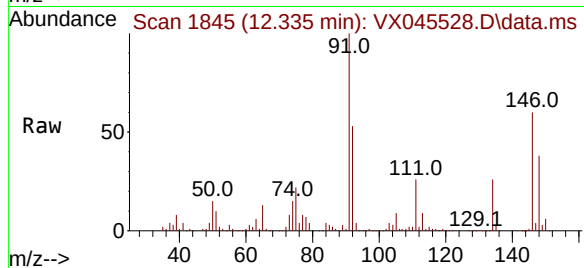
201 62.4 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 50.099 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

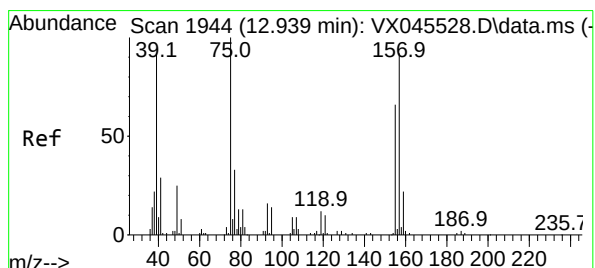
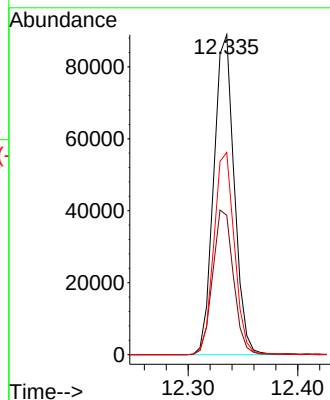
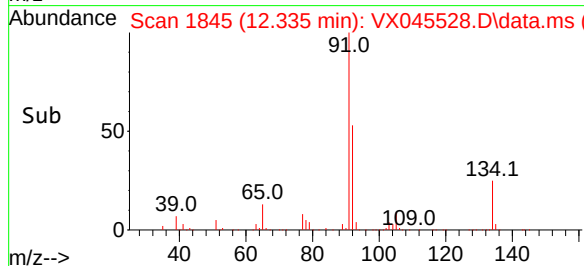
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 115420
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.8
148 63.7 31.9 95.5

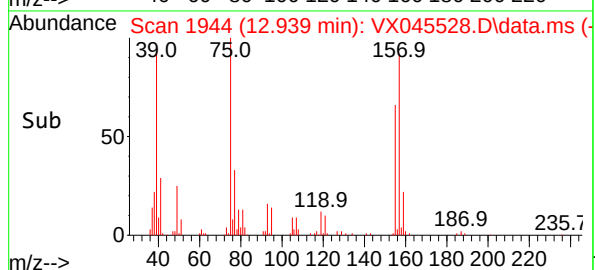
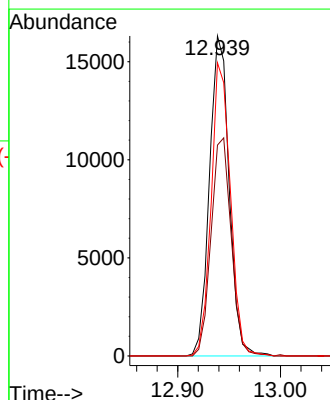
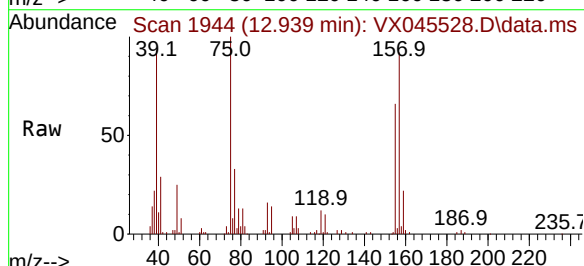
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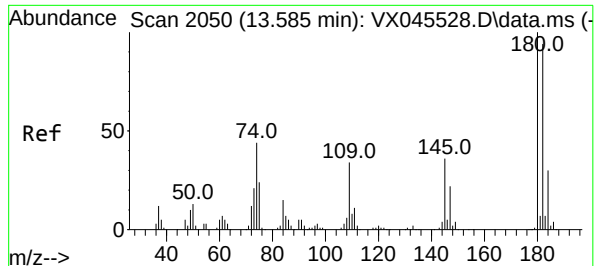
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.638 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 75 Resp: 21712
Ion Ratio Lower Upper
75 100
155 69.8 34.9 104.7
157 89.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.797 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

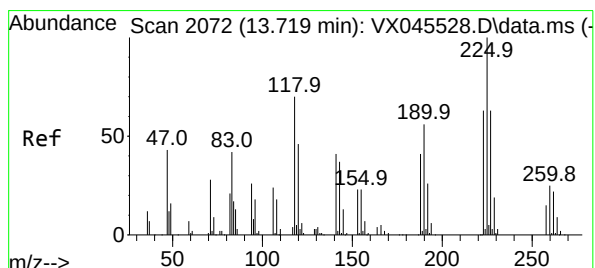
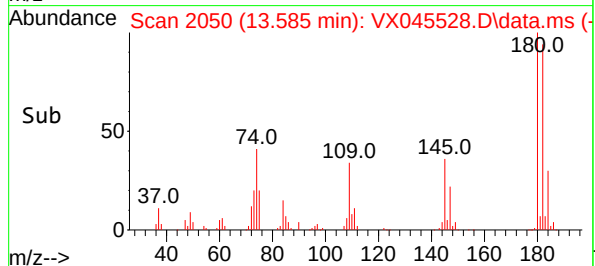
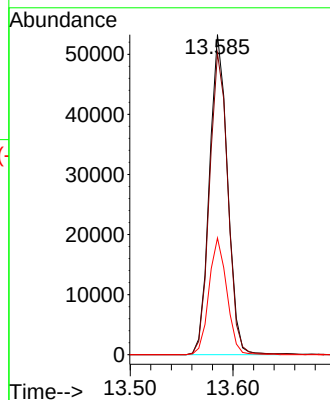
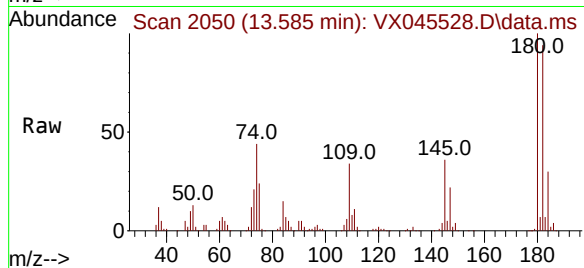
Tgt Ion:180	Resp:	6514
Ion Ratio	Lower	Upper
180	100	
182	95.7	47.9 143.6
145	35.9	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#94

Hexachlorobutadiene

Concen: 50.296 ug/l

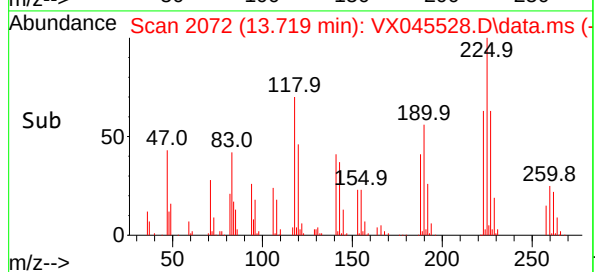
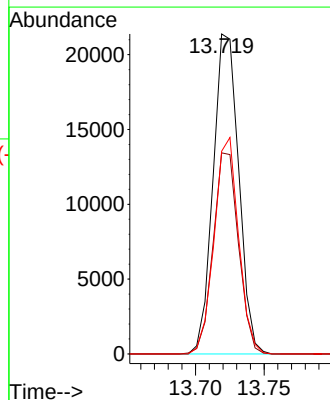
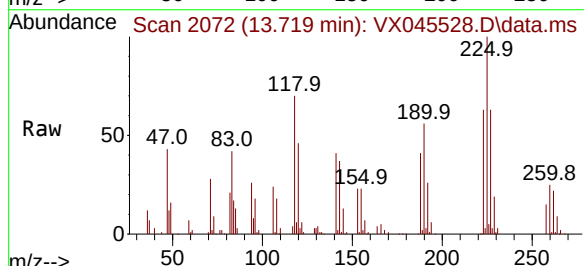
RT: 13.719 min Scan# 2072

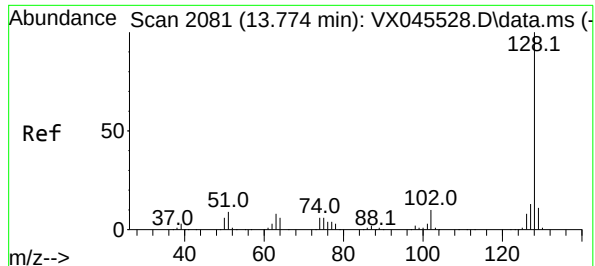
Delta R.T. 0.000 min

Lab File: VX045528.D

Acq: 01 Apr 2025 18:15

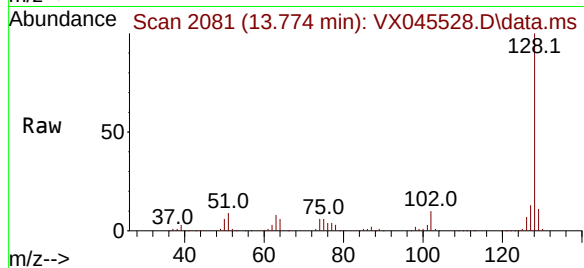
Tgt Ion:225	Resp:	27795
Ion Ratio	Lower	Upper
225	100	
223	62.2	31.1 93.3
227	64.4	32.2 96.6





#95
Naphthalene
Concen: 53.643 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

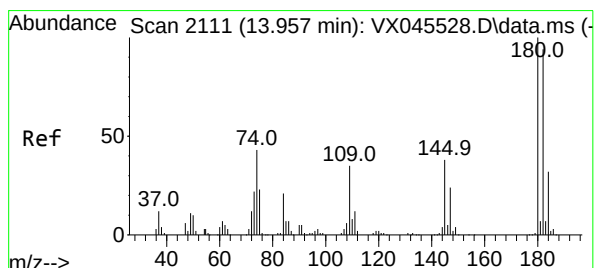
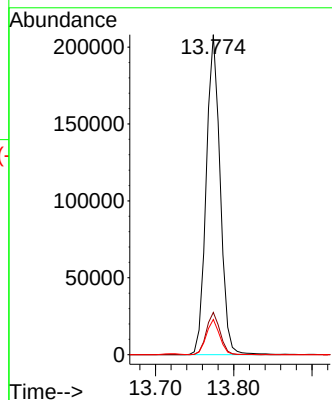
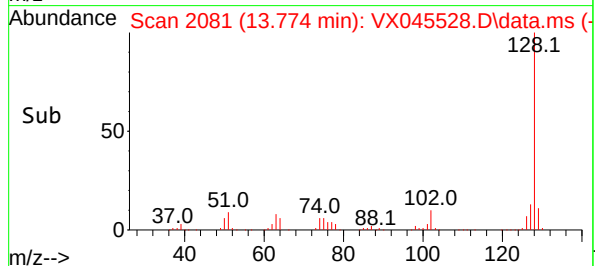
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 256009
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 12.8

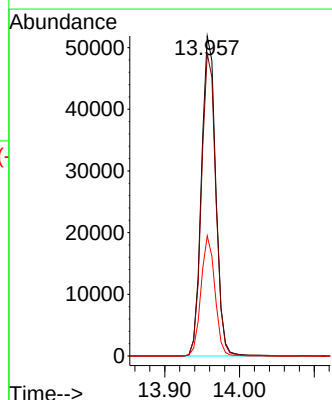
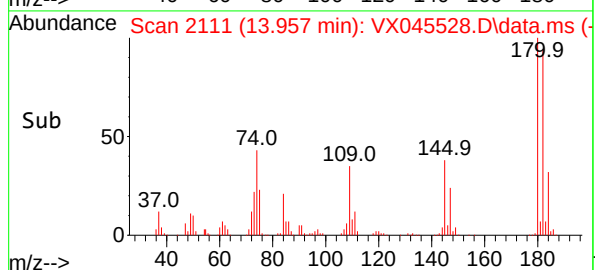
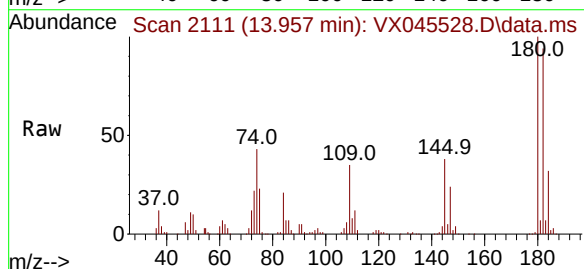
Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.219 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:180 Resp: 68781
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 36.4 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045529.D
 Acq On : 01 Apr 2025 18:38
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 02 02:54:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	86107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	155757	98.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 197.820%#			
35) Dibromofluoromethane	5.379	113	107908	99.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.160%#			
50) Toluene-d8	8.647	98	375599	99.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 198.620%#			
62) 4-Bromofluorobenzene	11.079	95	146944	106.664	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 213.320%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	144108	111.909	ug/l	99
3) Chloromethane	1.307	50	140360	106.098	ug/l	100
4) Vinyl Chloride	1.374	62	127174	105.042	ug/l	99
5) Bromomethane	1.593	94	58706	102.266	ug/l	98
6) Chloroethane	1.660	64	61099	95.120	ug/l	98
7) Trichlorofluoromethane	1.867	101	187555	103.887	ug/l	98
8) Diethyl Ether	2.136	74	61683	101.767	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	106989	101.133	ug/l	97
10) Methyl Iodide	2.441	142	135732	102.863	ug/l	100
11) Tert butyl alcohol	2.989	59	110044	519.999	ug/l	99
12) 1,1-Dichloroethene	2.306	96	106404	102.934	ug/l	99
13) Acrolein	2.233	56	146268	501.914	ug/l	99
14) Allyl chloride	2.654	41	206484	105.276	ug/l	99
15) Acrylonitrile	3.062	53	338970	507.426	ug/l	99
16) Acetone	2.386	43	314285	486.054	ug/l	100
17) Carbon Disulfide	2.502	76	276285	108.215	ug/l	100
18) Methyl Acetate	2.703	43	147272	98.925	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	381719	105.561	ug/l	99
20) Methylene Chloride	2.782	84	121435	100.316	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	106896	101.220	ug/l	98
22) Diisopropyl ether	3.757	45	406185	105.132	ug/l	95
23) Vinyl Acetate	3.721	43	1848817	553.853	ug/l	99
24) 1,1-Dichloroethane	3.605	63	220934	101.114	ug/l	100
25) 2-Butanone	4.556	43	491249	519.018	ug/l	100
26) 2,2-Dichloropropane	4.465	77	155592	110.215	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	129785	100.871	ug/l	98
28) Bromochloromethane	4.891	49	105093	99.530	ug/l	100
29) Tetrahydrofuran	5.001	42	313121	510.264	ug/l	99
30) Chloroform	5.086	83	225402	100.255	ug/l	99
31) Cyclohexane	5.458	56	197136	102.056	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	198511	104.346	ug/l	99
36) 1,1-Dichloropropene	5.684	75	151448	103.515	ug/l	99
37) Ethyl Acetate	4.715	43	192130	104.207	ug/l	99
38) Carbon Tetrachloride	5.672	117	166465	105.278	ug/l	99
39) Methylcyclohexane	7.373	83	191752	106.921	ug/l	99
40) Benzene	6.031	78	452946	101.369	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045529.D
 Acq On : 01 Apr 2025 18:38
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	107037	109.068	ug/l	99
42) 1,2-Dichloroethane	6.080	62	189528	102.696	ug/l	100
43) Isopropyl Acetate	6.336	43	305974	109.494	ug/l	100
44) Trichloroethene	7.123	130	107332	101.062	ug/l	97
45) 1,2-Dichloropropane	7.421	63	115731	103.806	ug/l	98
46) Dibromomethane	7.574	93	87381	102.101	ug/l	97
47) Bromodichloromethane	7.818	83	179265	104.886	ug/l	98
48) Methyl methacrylate	7.690	41	158241	109.675	ug/l	99
49) 1,4-Dioxane	7.665	88	52624	2015.906	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	988881	533.814	ug/l	99
52) Toluene	8.714	92	276323	102.199	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	169413	100.645	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	182328	113.521	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	109208	101.361	ug/l	98
56) Ethyl methacrylate	9.116	69	192034	115.168	ug/l	99
57) 1,3-Dichloropropane	9.305	76	192473	102.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	460297	545.696	ug/l	100
59) 2-Hexanone	9.427	43	738772	538.538	ug/l	99
60) Dibromochloromethane	9.519	129	128700	109.570	ug/l	98
61) 1,2-Dibromoethane	9.604	107	115919	106.282	ug/l	99
64) Tetrachloroethene	9.269	164	90817	94.325	ug/l	99
65) Chlorobenzene	10.073	112	296300	101.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	103437	102.243	ug/l	99
67) Ethyl Benzene	10.189	91	543568	104.152	ug/l	99
68) m/p-Xylenes	10.299	106	394241	207.694	ug/l	100
69) o-Xylene	10.640	106	195381	104.487	ug/l	99
70) Styrene	10.653	104	335333	108.654	ug/l	100
71) Bromoform	10.799	173	83632	110.714	ug/l #	97
73) Isopropylbenzene	10.957	105	522436	100.944	ug/l	100
74) N-amyl acetate	10.842	43	275462	111.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	174977	96.243	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	154048m	97.744	ug/l	
77) Bromobenzene	11.195	156	119561	99.983	ug/l	99
78) n-propylbenzene	11.299	91	622679	104.454	ug/l	100
79) 2-Chlorotoluene	11.360	91	376682	98.840	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	435137	101.675	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	51873	111.704	ug/l	95
82) 4-Chlorotoluene	11.451	91	432884	101.877	ug/l	99
83) tert-Butylbenzene	11.713	119	437649	103.292	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	444211	103.414	ug/l	99
85) sec-Butylbenzene	11.890	105	546857	105.082	ug/l	100
86) p-Isopropyltoluene	12.006	119	453109	105.609	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	221481	101.749	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	216367	98.047	ug/l	98
89) n-Butylbenzene	12.329	91	420694	113.075	ug/l	99
90) Hexachloroethane	12.536	117	80489	109.160	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	215157	99.419	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43047	113.214	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	135046	112.106	ug/l	99
94) Hexachlorobutadiene	13.725	225	53636	103.326	ug/l	98
95) Naphthalene	13.774	128	499719	111.473	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	137328	108.869	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

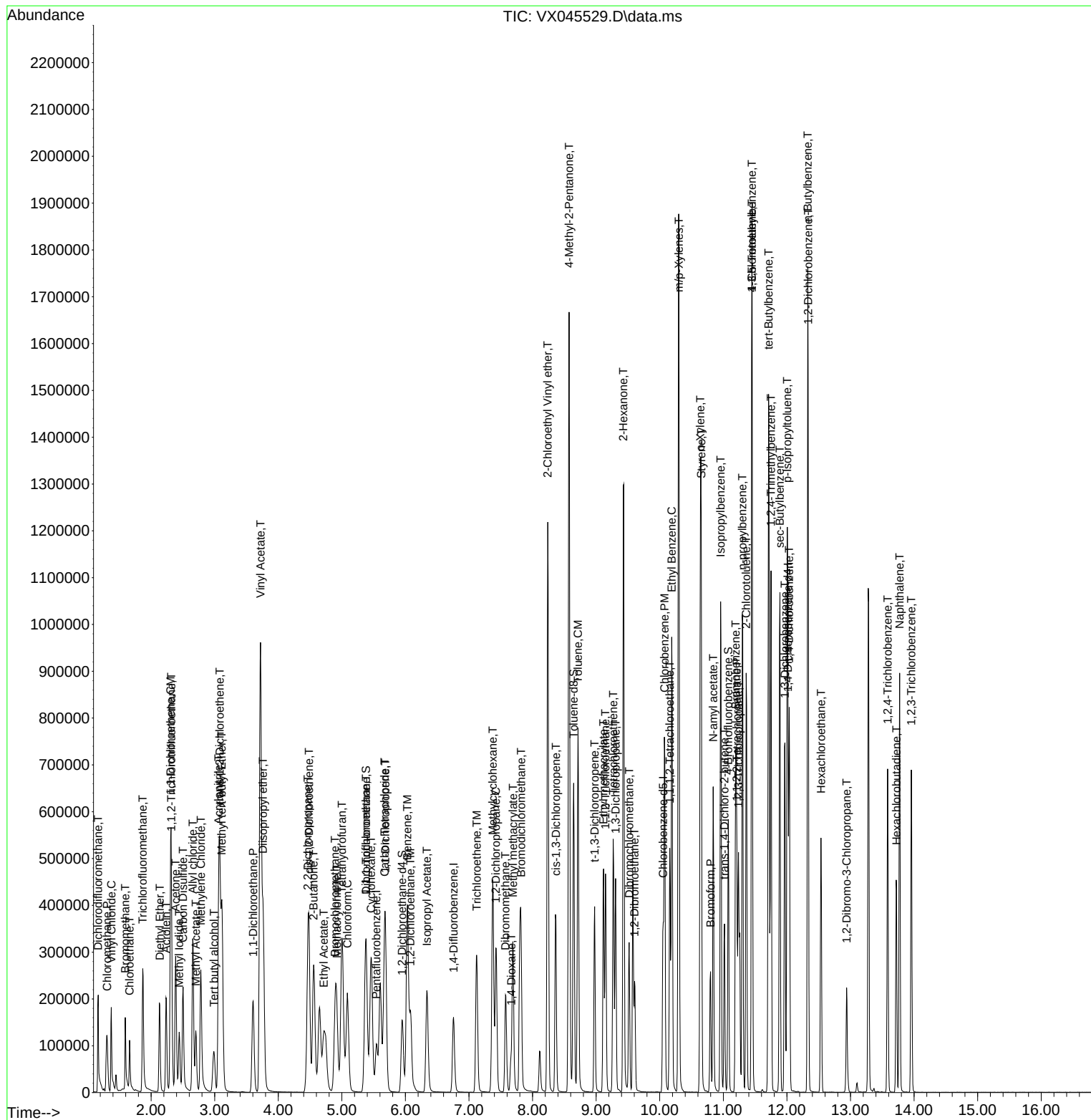
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

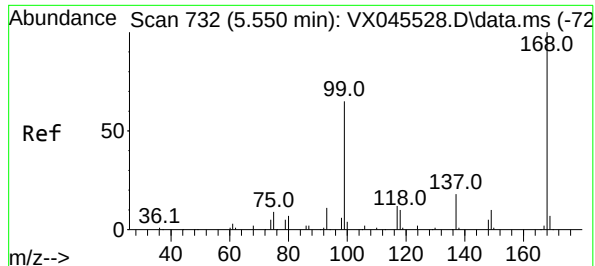
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025





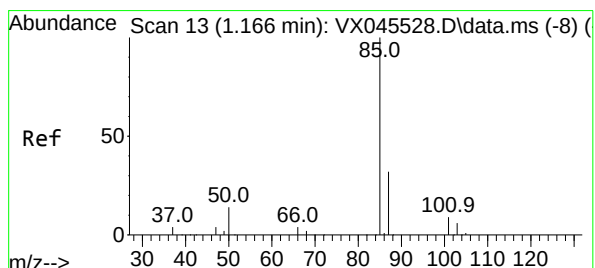
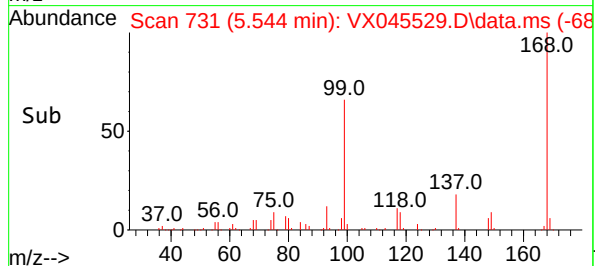
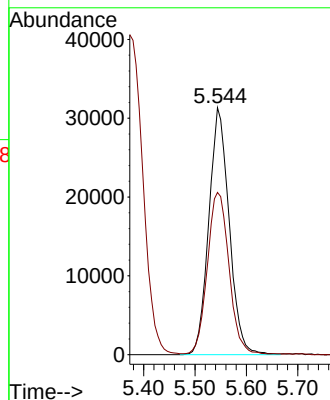
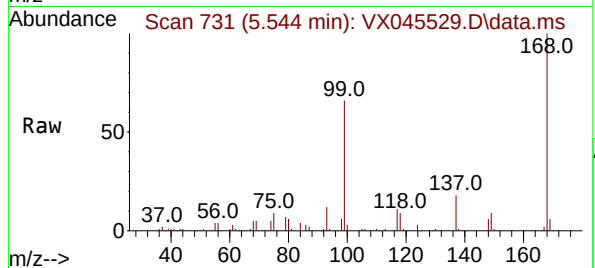
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 8610
Ion Ratio Lower Upper
168 100
99 65.3 52.3 78.5

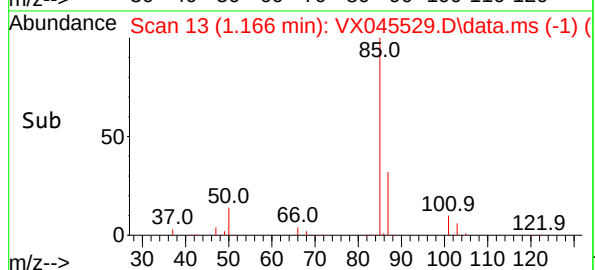
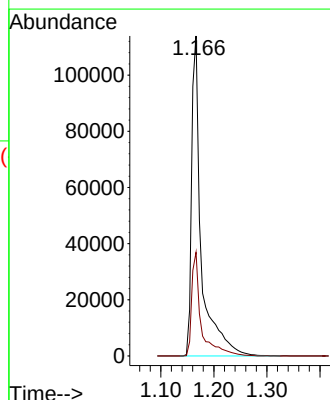
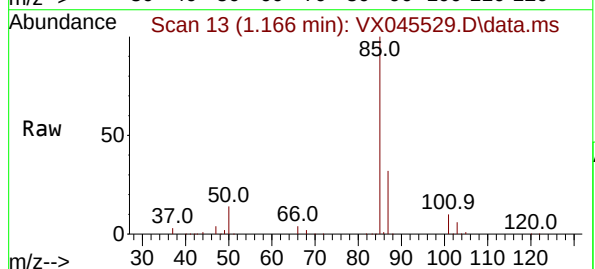
Manual Integrations
APPROVED

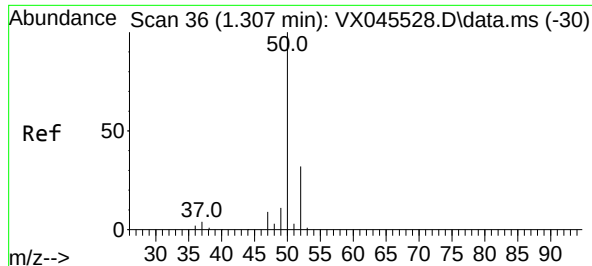
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 111.909 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 85 Resp: 144108
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2





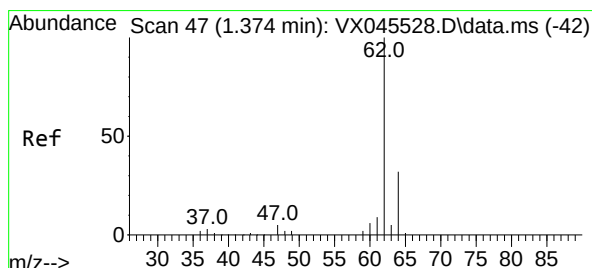
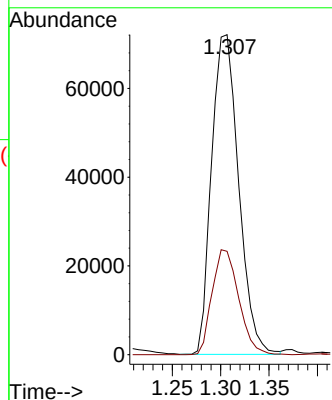
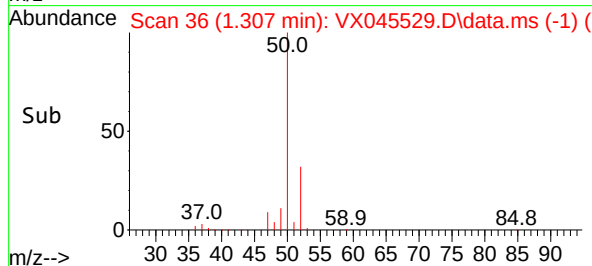
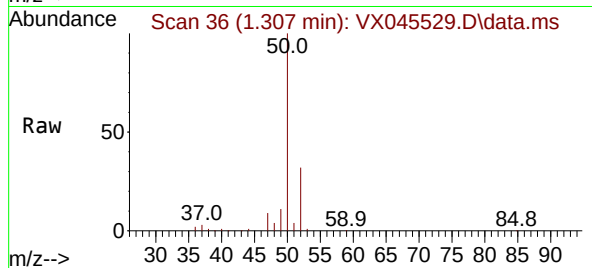
#3
Chloromethane
Concen: 106.098 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 140360
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

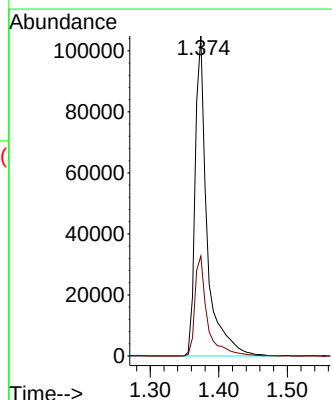
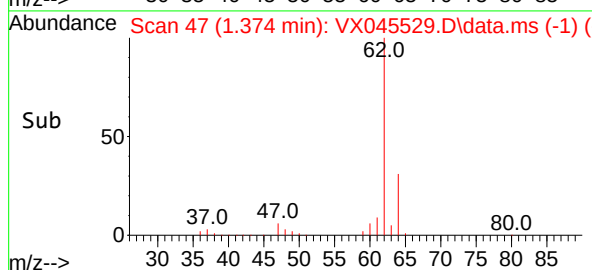
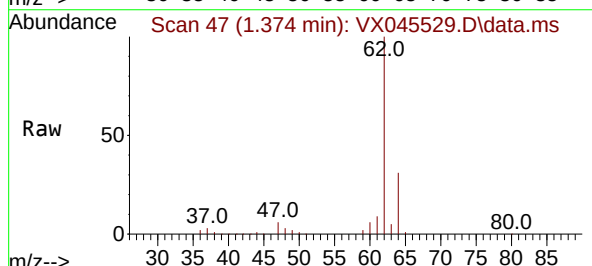
Manual Integrations
APPROVED

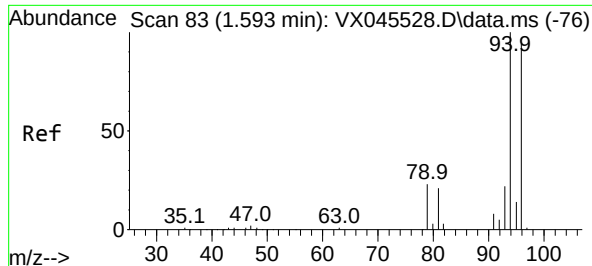
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 105.042 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

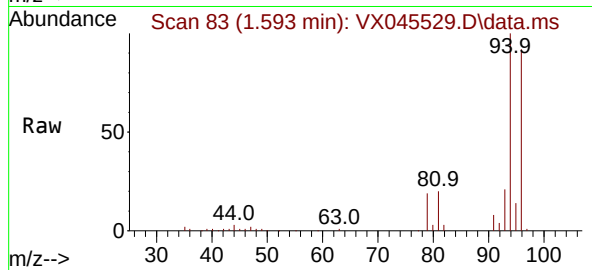
Tgt Ion: 62 Resp: 127174
Ion Ratio Lower Upper
62 100
64 31.2 25.5 38.3





#5
Bromomethane
Concen: 102.266 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

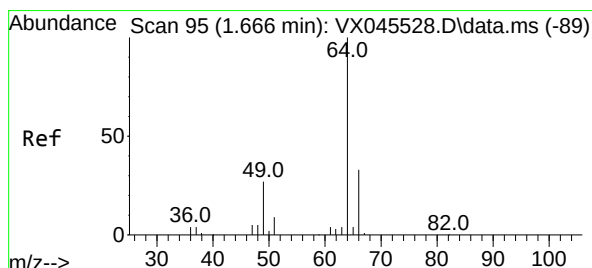
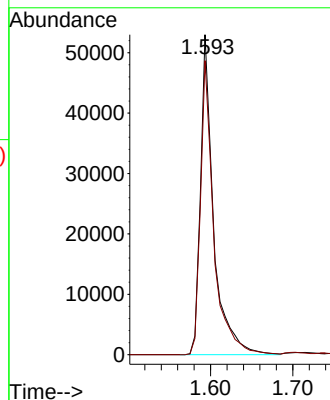
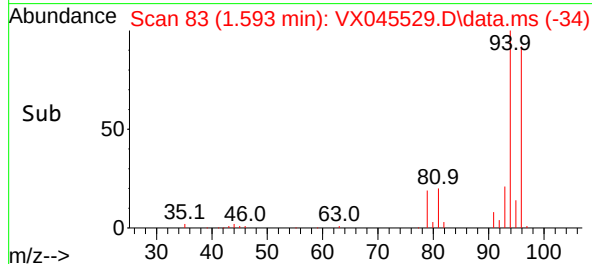
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 58700
Ion Ratio Lower Upper
94 100
96 91.9 74.8 112.2

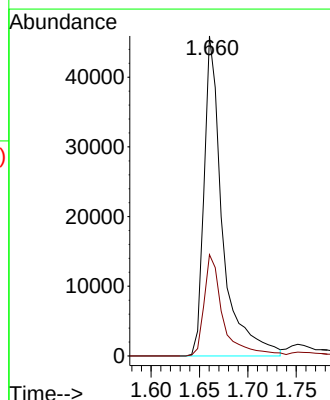
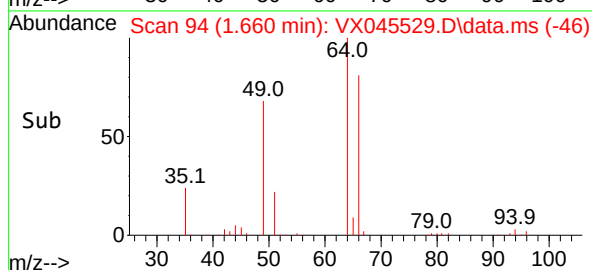
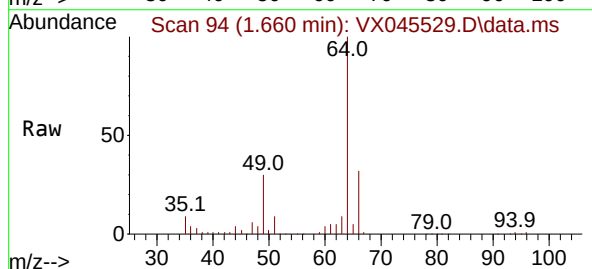
Manual Integrations
APPROVED

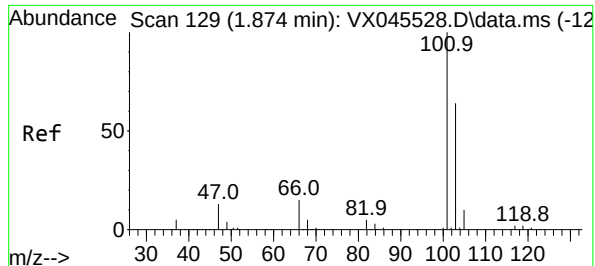
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 95.120 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

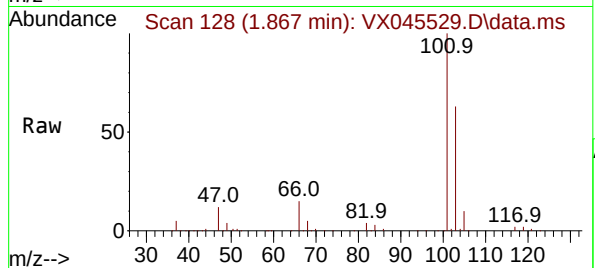
Tgt Ion: 64 Resp: 61099
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 103.887 ug/l
RT: 1.867 min Scan# 129
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

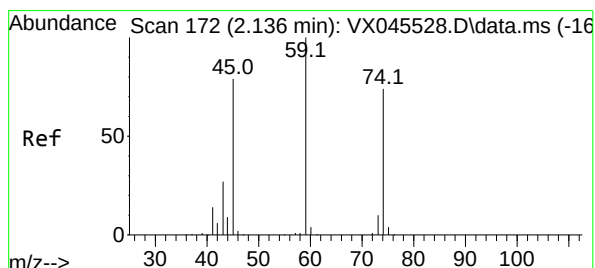
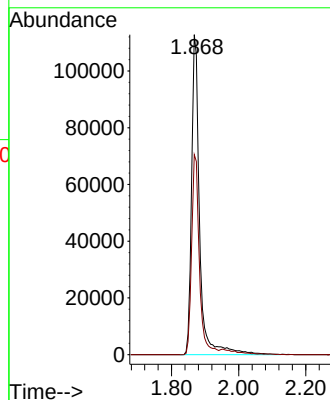
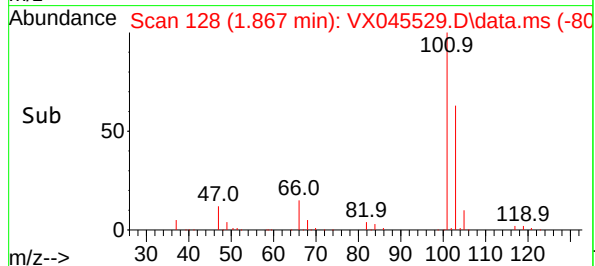
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 18755
Ion Ratio Lower Upper
101 100
103 62.5 51.1 76.7

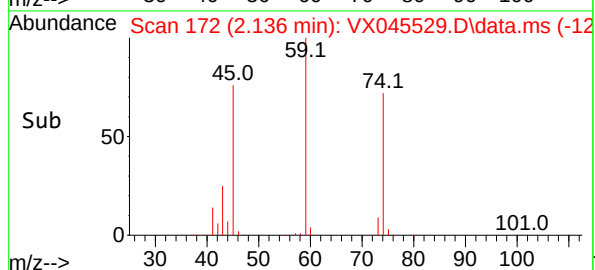
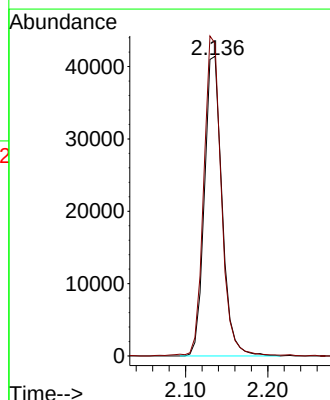
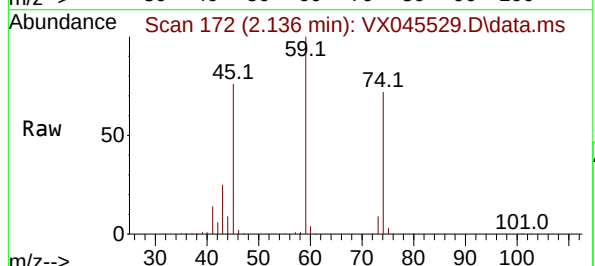
Manual Integrations
APPROVED

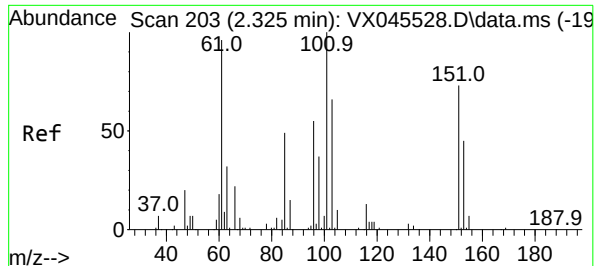
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#8
Diethyl Ether
Concen: 101.767 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 74 Resp: 61683
Ion Ratio Lower Upper
74 100
45 106.7 53.0 159.1





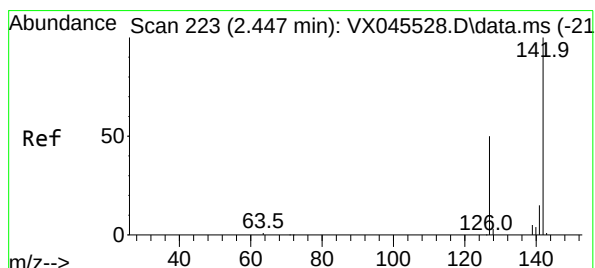
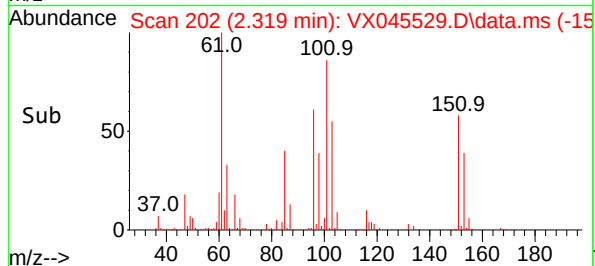
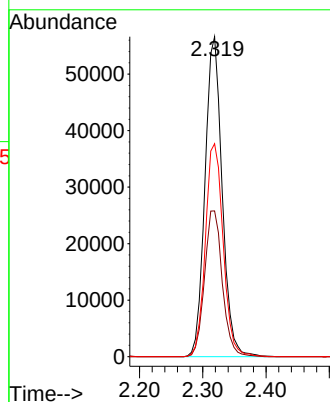
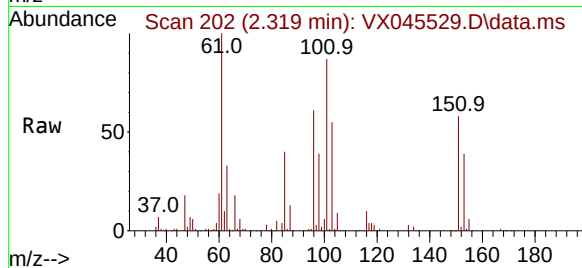
#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.133 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 106989
Ion Ratio Lower Upper
101 100
85 47.3 38.9 58.3
151 69.0 57.5 86.3

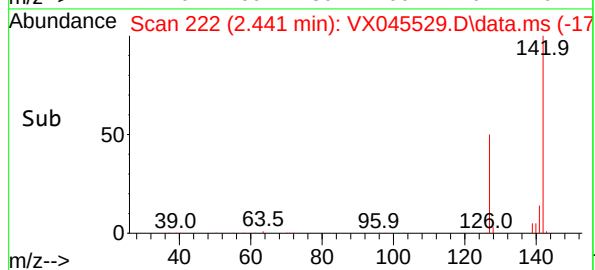
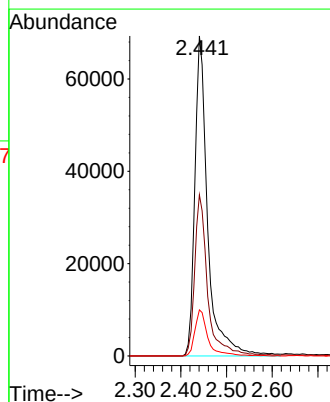
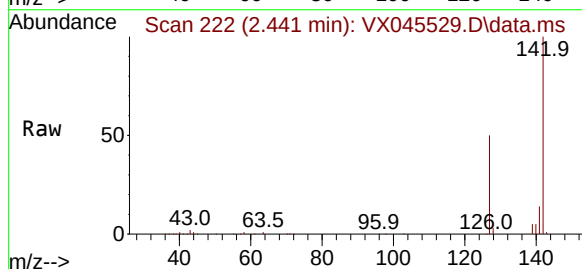
Manual Integrations
APPROVED

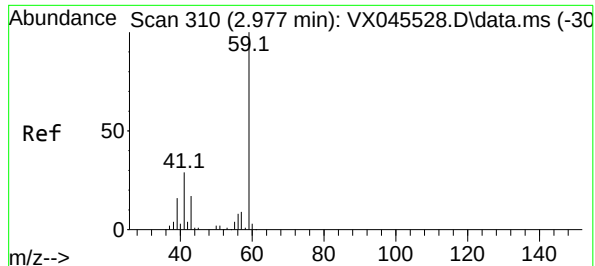
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 102.863 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:142 Resp: 135732
Ion Ratio Lower Upper
142 100
127 50.6 40.2 60.4
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 519.999 ug/l

RT: 2.989 min Scan# 310

Delta R.T. 0.012 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 110044

Ion Ratio Lower Upper

59 100

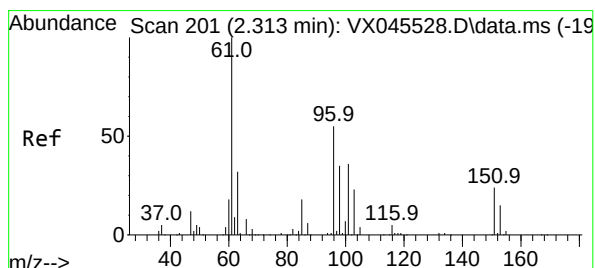
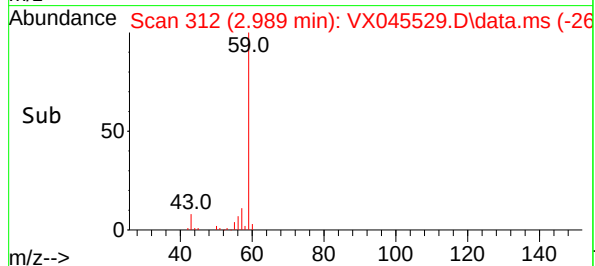
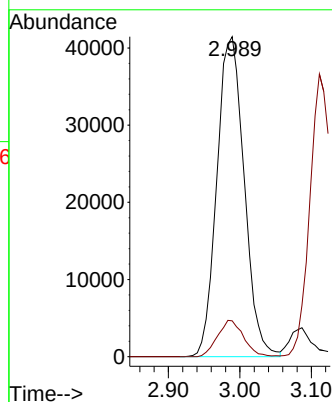
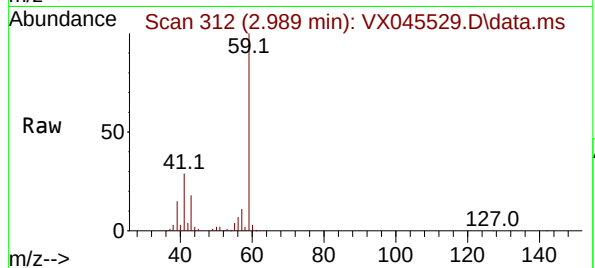
57 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#12

1,1-Dichloroethene

Concen: 102.934 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

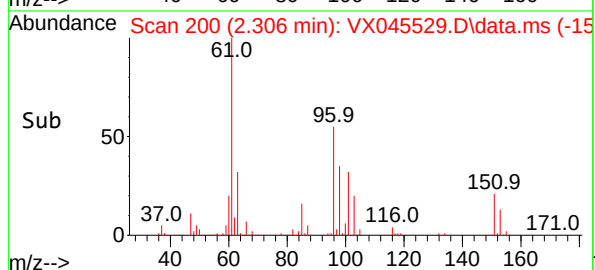
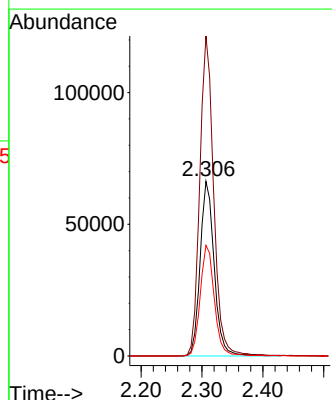
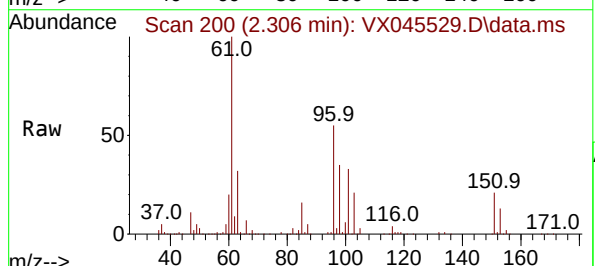
Tgt Ion: 96 Resp: 106404

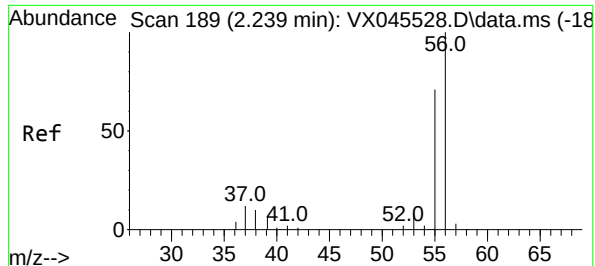
Ion Ratio Lower Upper

96 100

61 183.3 145.7 218.5

98 63.3 51.6 77.4





#13

Acrolein

Concen: 501.914 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 146268

Ion Ratio Lower Upper

56 100

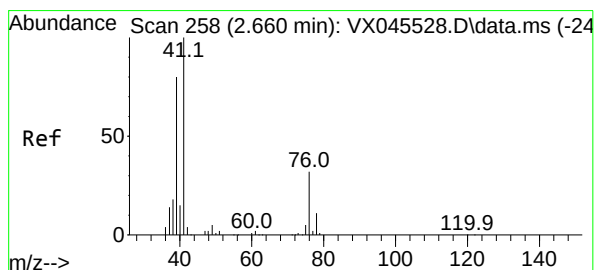
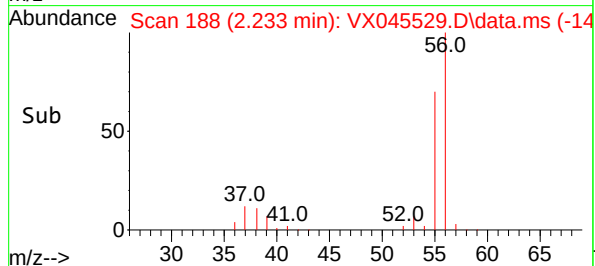
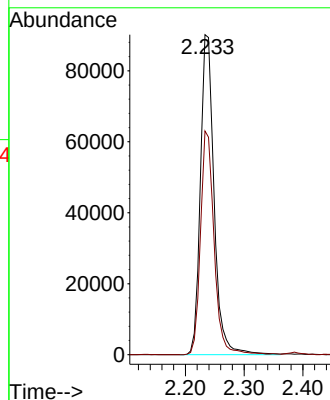
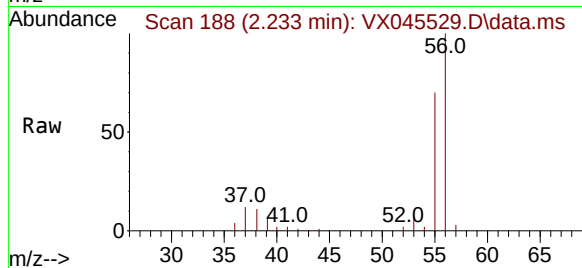
55 69.5 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#14

Allyl chloride

Concen: 105.276 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

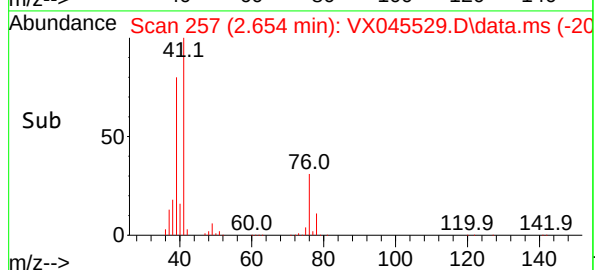
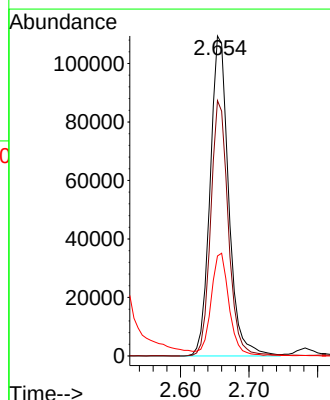
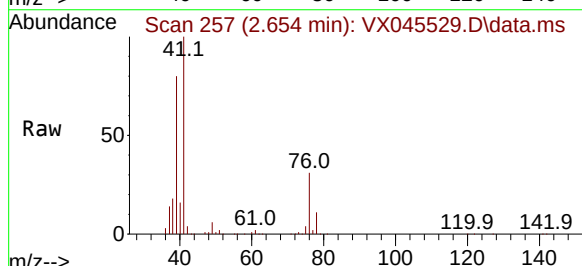
Tgt Ion: 41 Resp: 206484

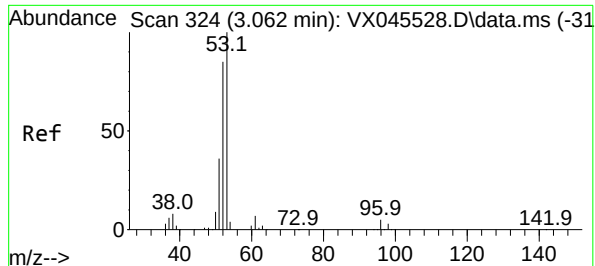
Ion Ratio Lower Upper

41 100

39 75.8 60.2 90.2

76 31.3 24.6 36.8





#15

Acrylonitrile

Concen: 507.426 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 53 Resp: 338970

Ion Ratio Lower Upper

53 100

52 83.9 67.4 101.2

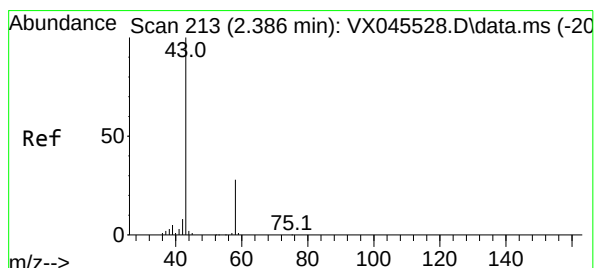
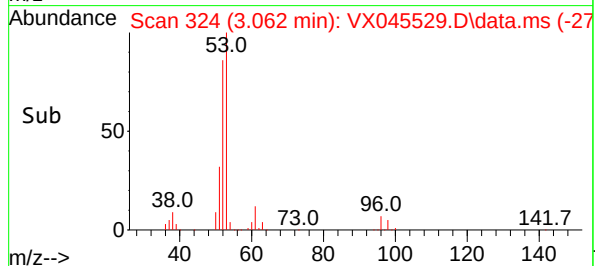
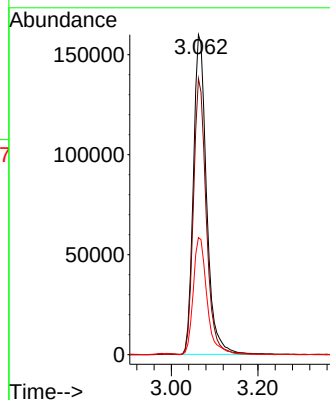
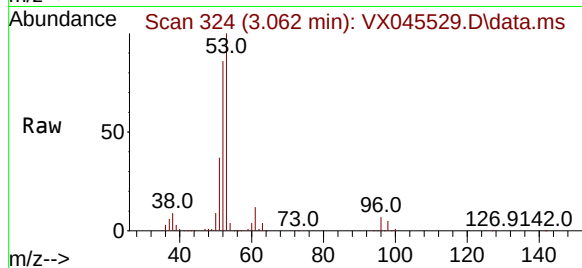
51 38.0 29.9 44.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#16

Acetone

Concen: 486.054 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045529.D

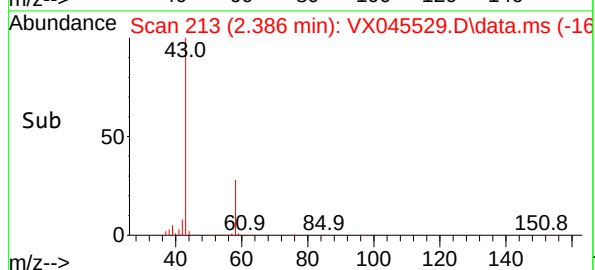
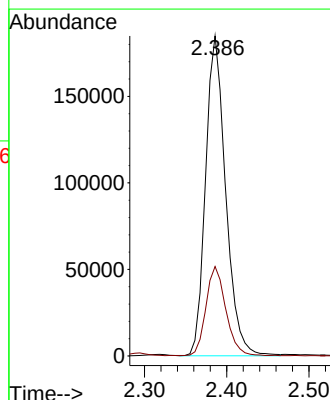
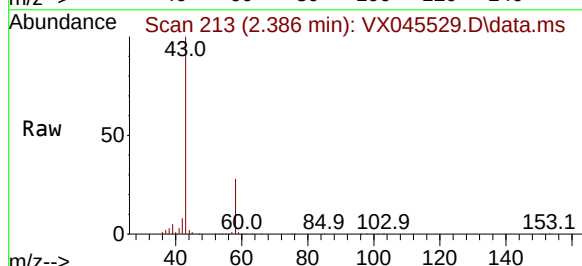
Acq: 01 Apr 2025 18:38

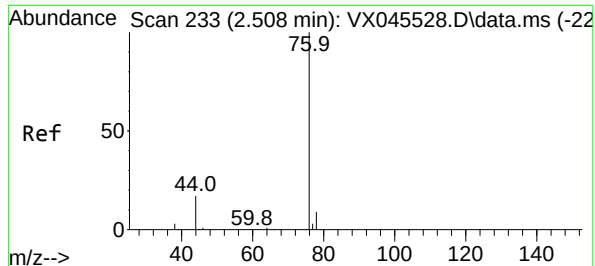
Tgt Ion: 43 Resp: 314285

Ion Ratio Lower Upper

43 100

58 27.8 22.3 33.5





#17

Carbon Disulfide

Concen: 108.215 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 27628

Ion Ratio Lower Upper

76 100

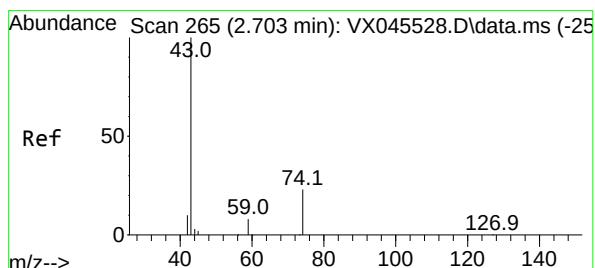
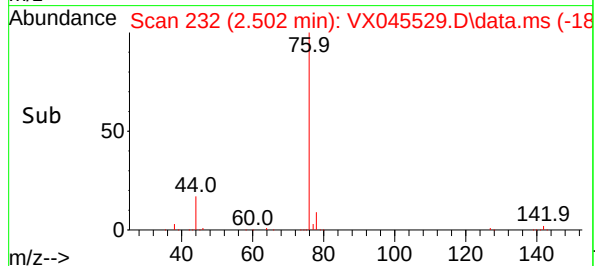
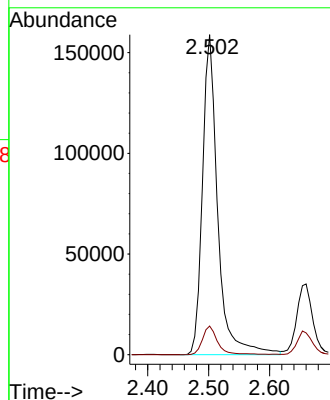
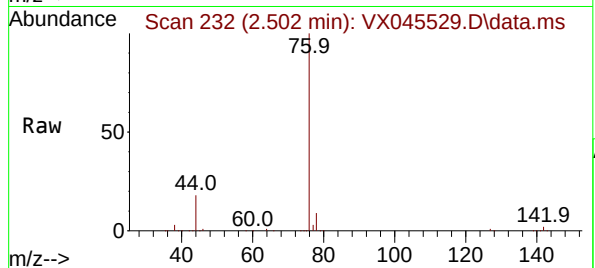
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#18

Methyl Acetate

Concen: 98.925 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045529.D

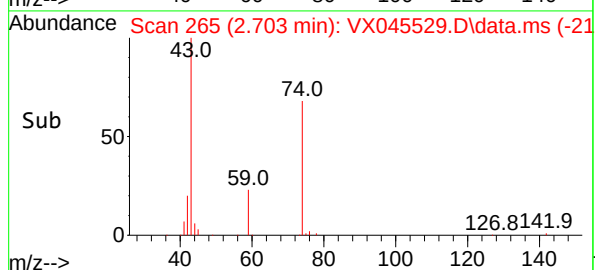
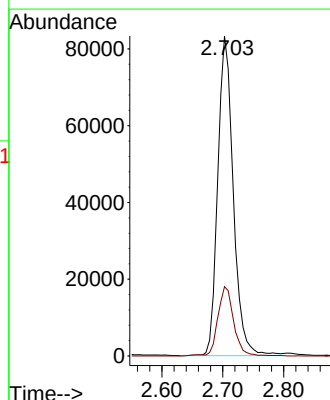
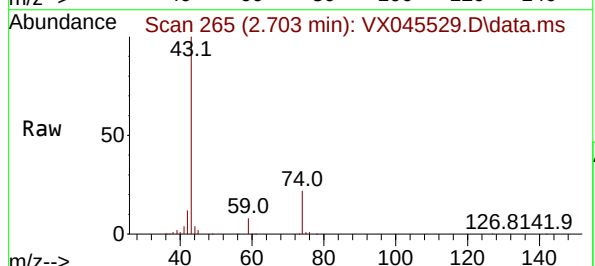
Acq: 01 Apr 2025 18:38

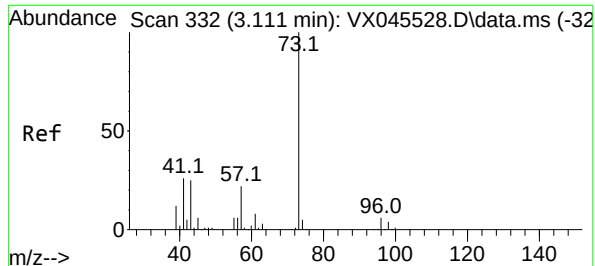
Tgt Ion: 43 Resp: 147272

Ion Ratio Lower Upper

43 100

74 22.2 17.5 26.3





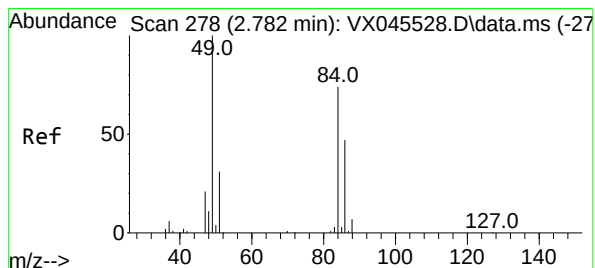
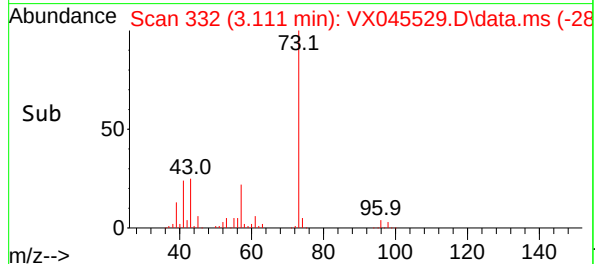
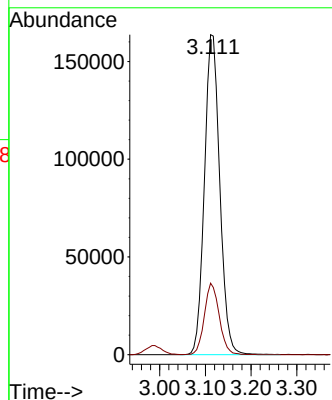
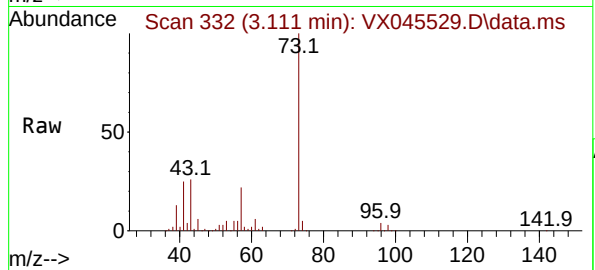
#19
Methyl tert-butyl Ether
Concen: 105.561 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 381719
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

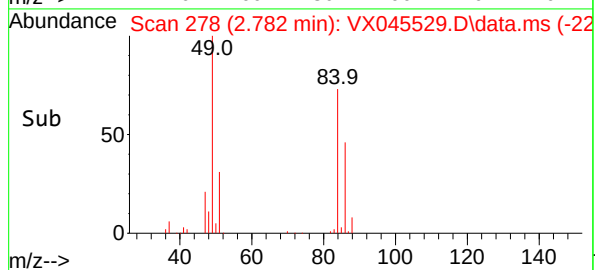
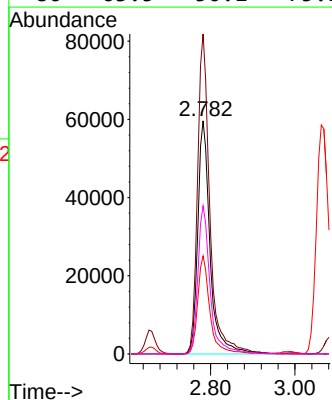
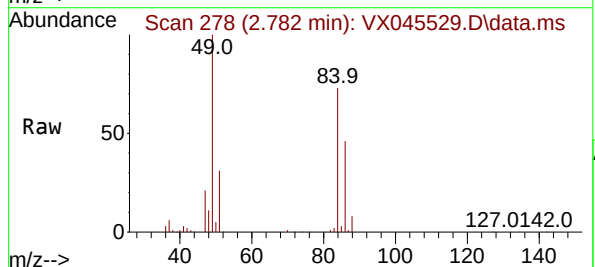
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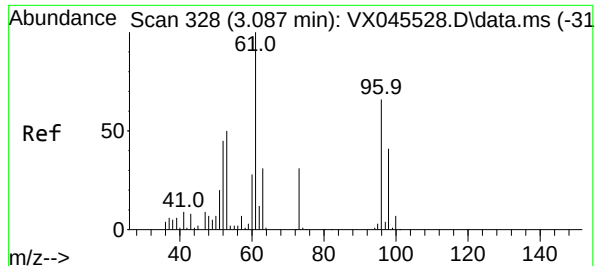
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#20
Methylene Chloride
Concen: 100.316 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

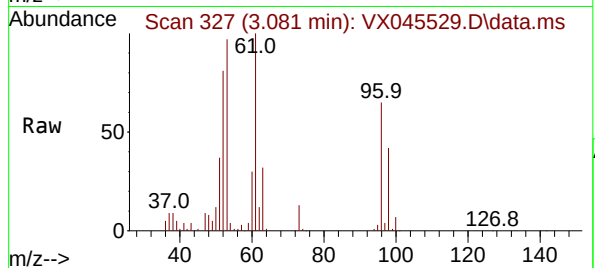
Tgt Ion: 84 Resp: 121435
Ion Ratio Lower Upper
84 100
49 137.2 107.5 161.3
51 42.1 33.0 49.6
86 63.5 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 101.220 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

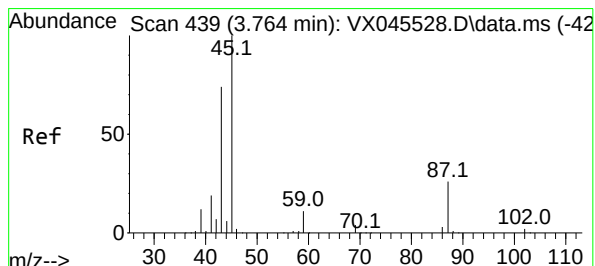
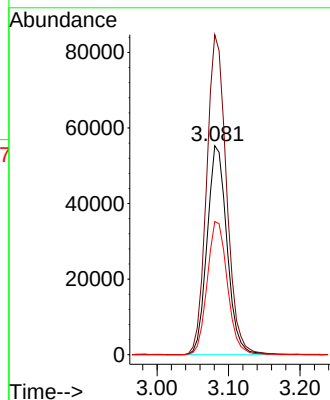
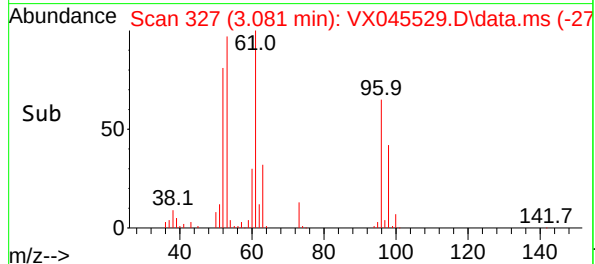
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 106890
Ion Ratio Lower Upper
96 100
61 153.1 121.0 181.6
98 63.7 49.7 74.5

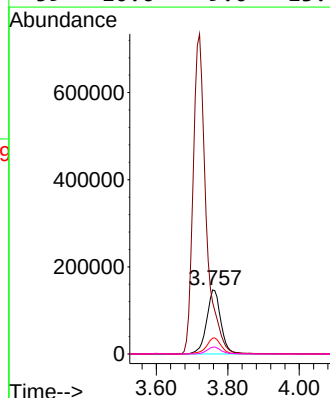
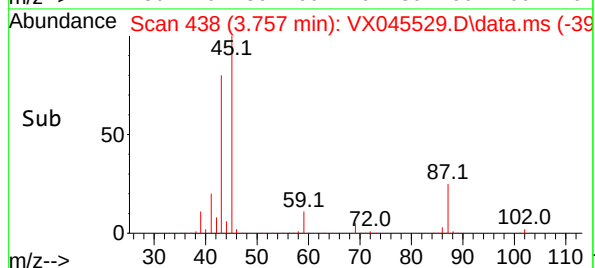
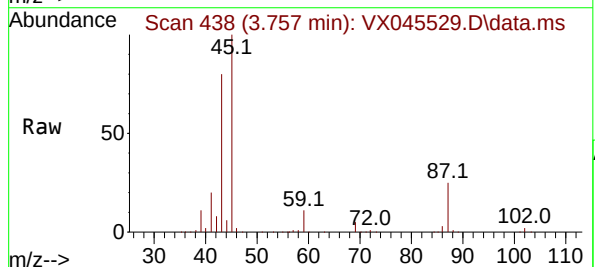
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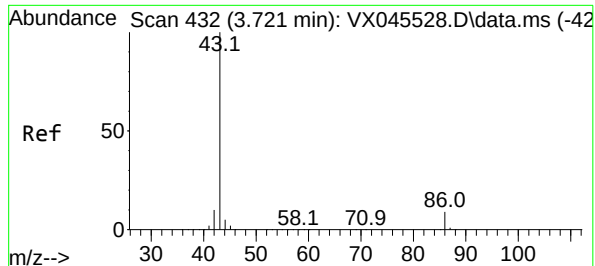
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#22
Diisopropyl ether
Concen: 105.132 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 45 Resp: 406185
Ion Ratio Lower Upper
45 100
43 80.1 59.3 88.9
87 24.7 20.4 30.6
59 10.6 9.0 13.6





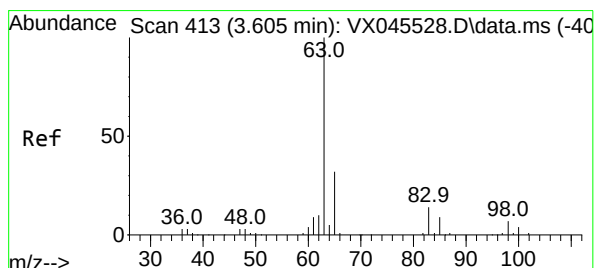
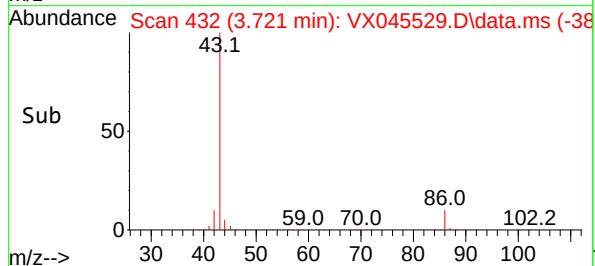
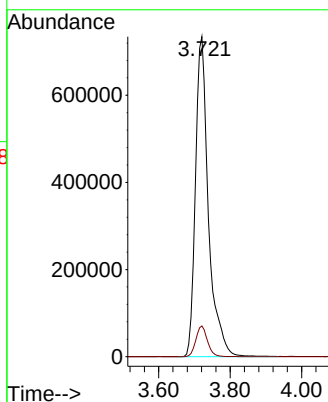
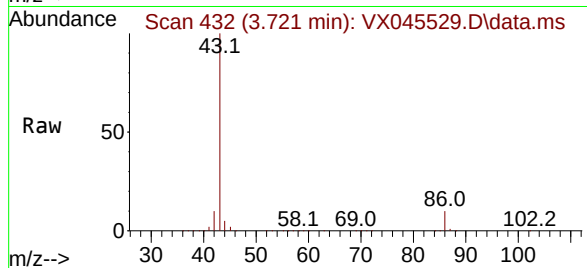
#23
Vinyl Acetate
Concen: 553.853 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 184881
Ion Ratio Lower Upper
43 100
86 9.6 7.5 11.3

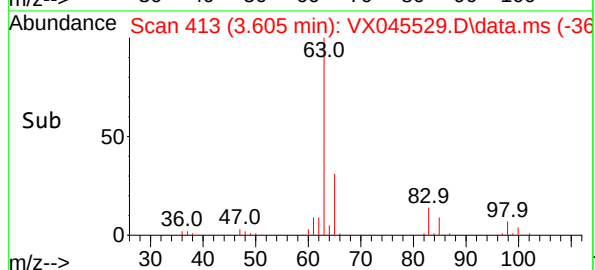
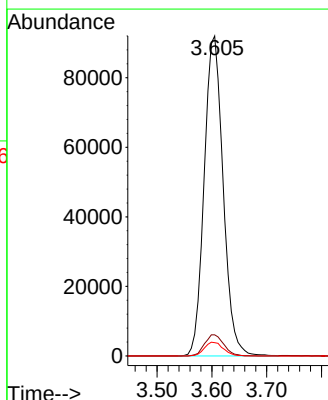
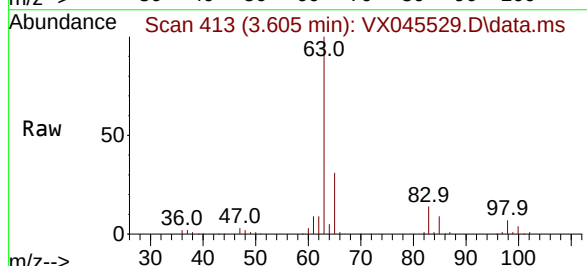
Manual Integrations
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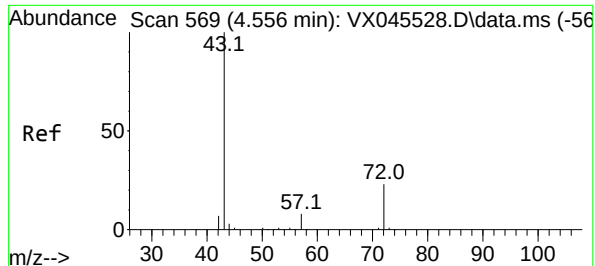
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#24
1,1-Dichloroethane
Concen: 101.114 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 63 Resp: 220934
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.1
100 4.2 2.2 6.6





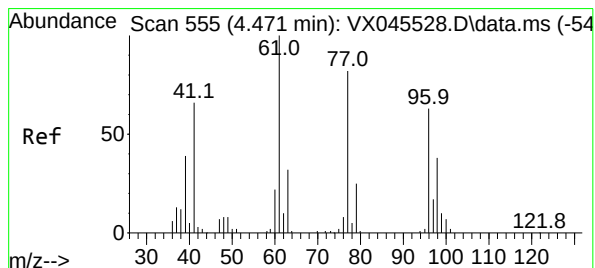
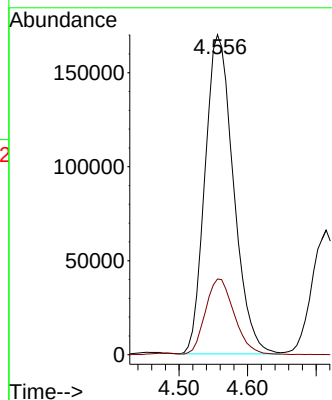
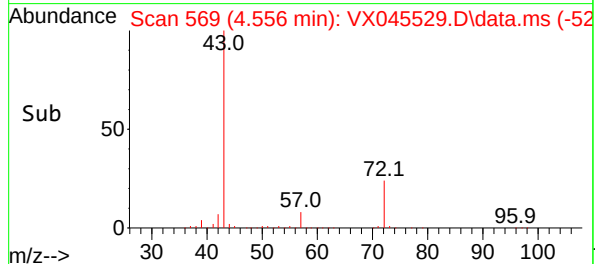
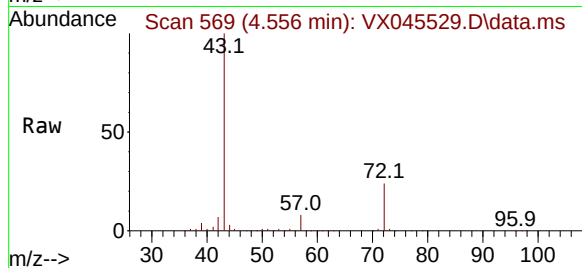
#25
2-Butanone
Concen: 519.018 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 491249
Ion Ratio Lower Upper
43 100
72 23.5 18.6 28.0

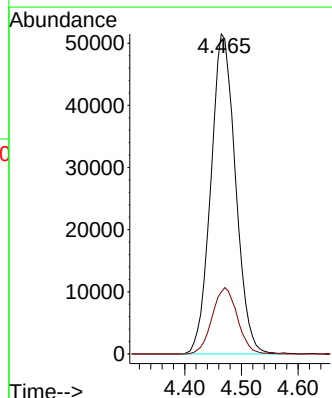
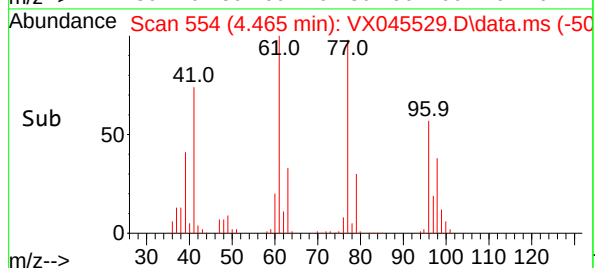
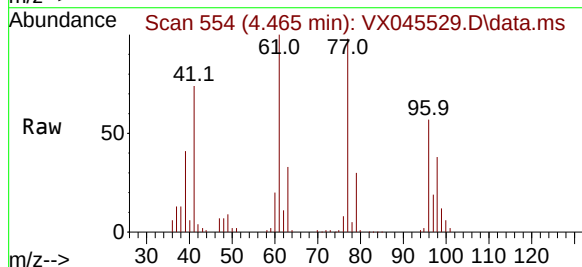
Manual Integrations
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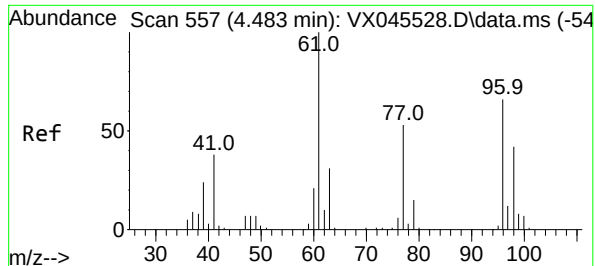
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 110.215 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 77 Resp: 155592
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 100.871 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 12978

Ion Ratio Lower Upper

96 100

61 159.4 0.0 313.2

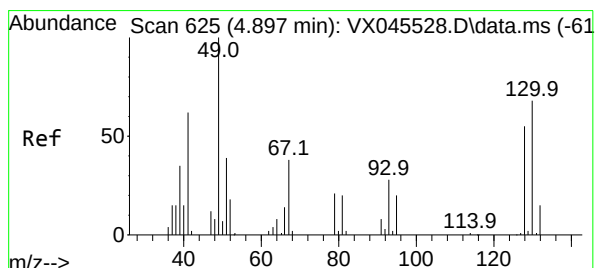
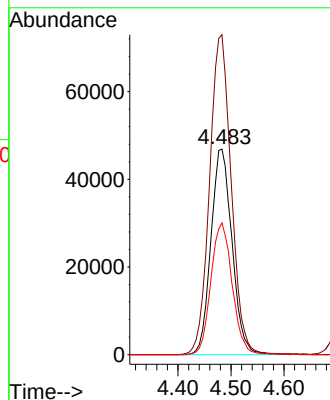
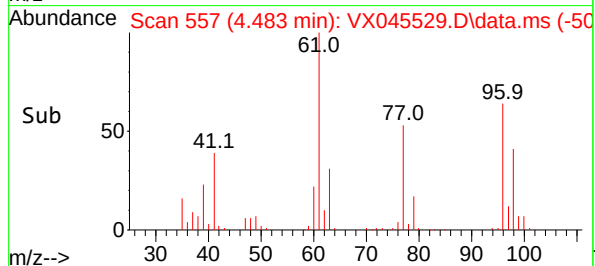
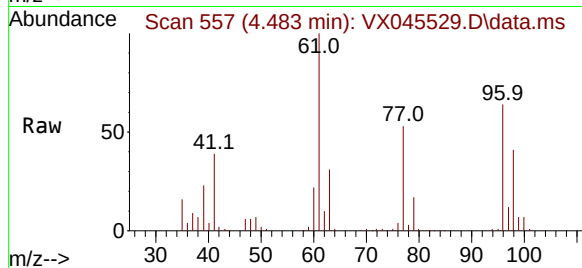
98 64.7 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 99.530 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

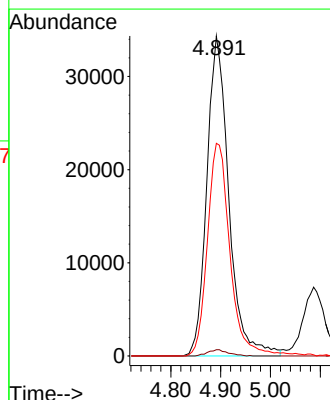
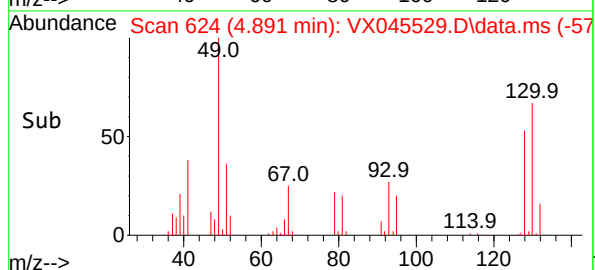
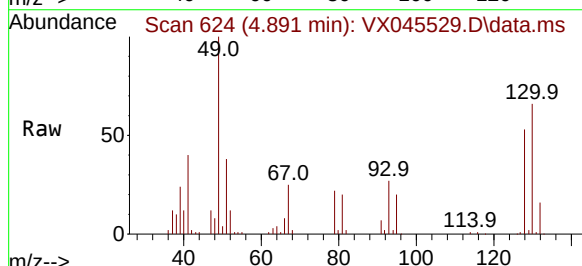
Tgt Ion: 49 Resp: 105093

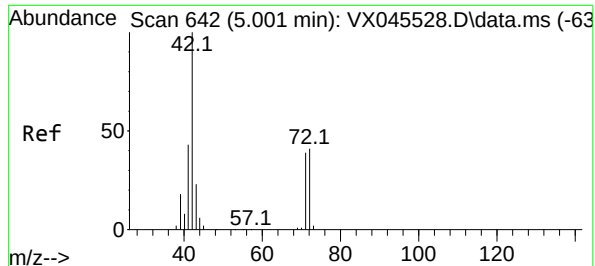
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 68.4 54.6 81.8





#29

Tetrahydrofuran

Concen: 510.264 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 31312

Ion Ratio Lower Upper

42 100

72 42.3 33.4 50.0

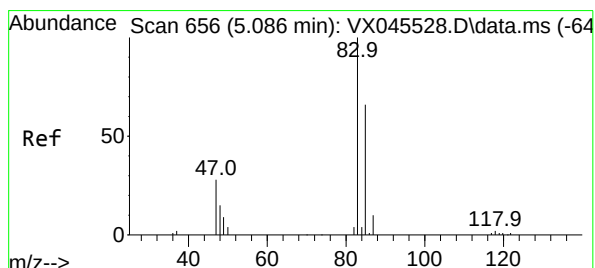
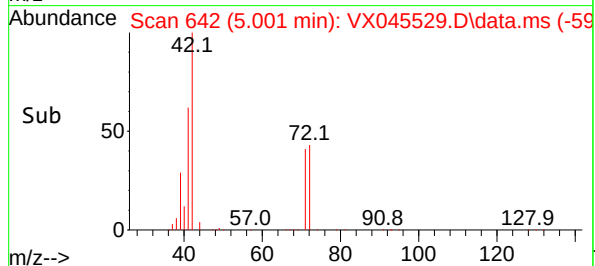
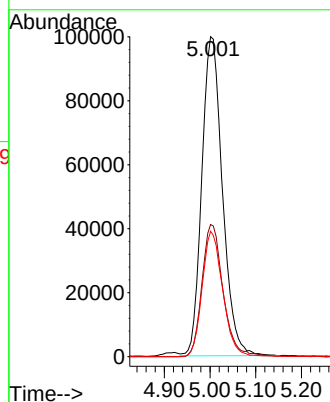
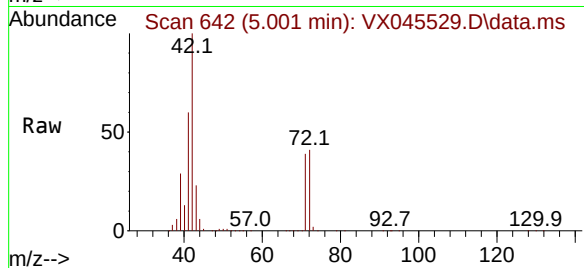
71 39.1 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#30

Chloroform

Concen: 100.255 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045529.D

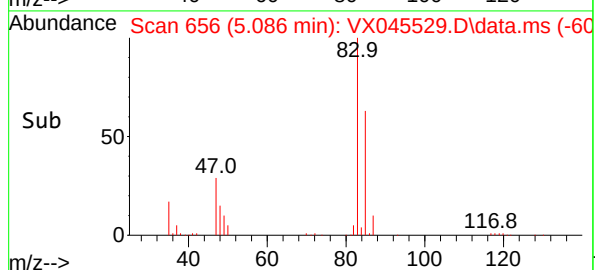
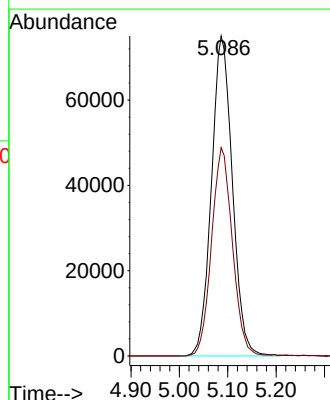
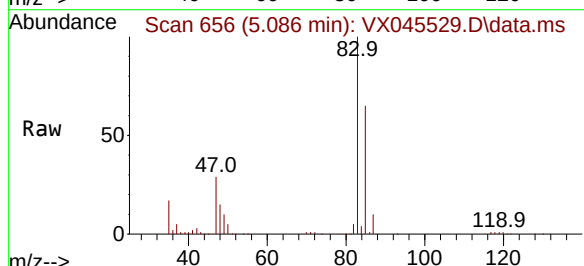
Acq: 01 Apr 2025 18:38

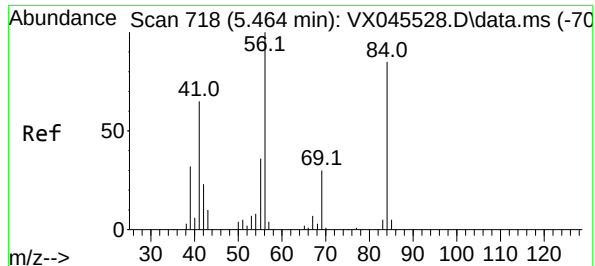
Tgt Ion: 83 Resp: 225402

Ion Ratio Lower Upper

83 100

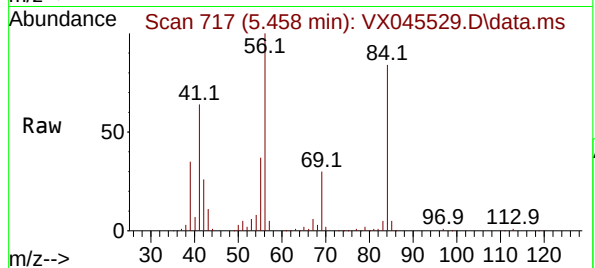
85 65.1 52.8 79.2





#31
Cyclohexane
Concen: 102.056 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

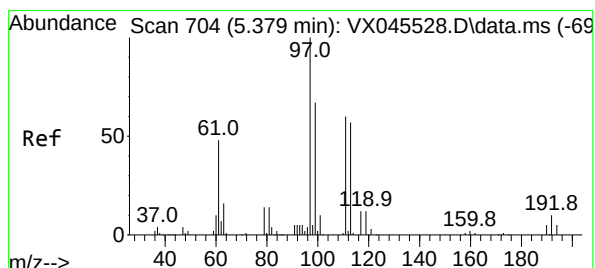
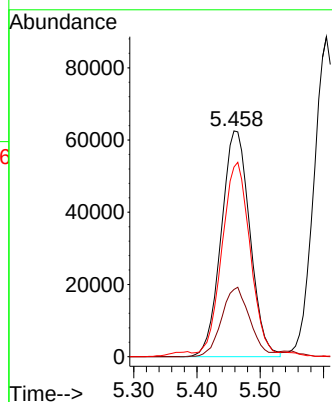
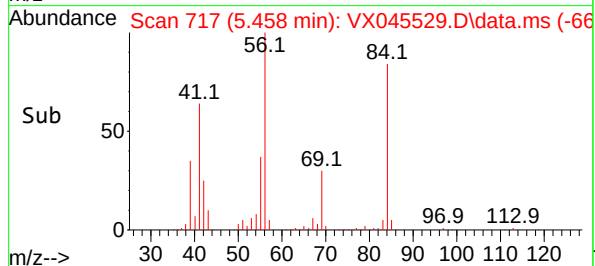
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 197130
Ion Ratio Lower Upper
56 100
69 29.8 23.6 35.4
84 82.1 67.7 101.5

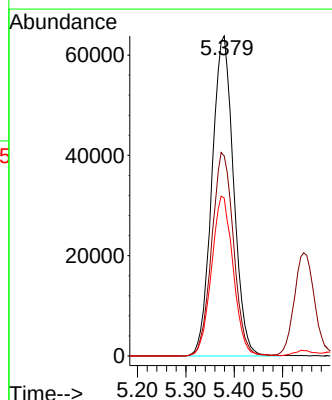
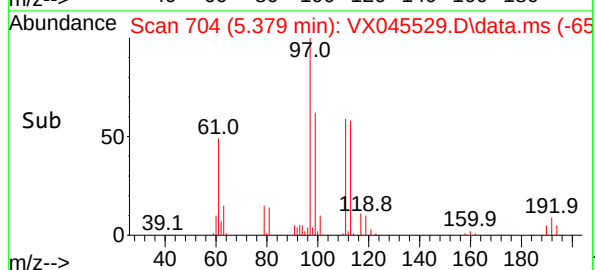
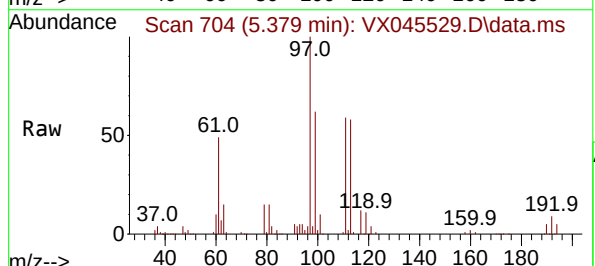
Manual Integrations
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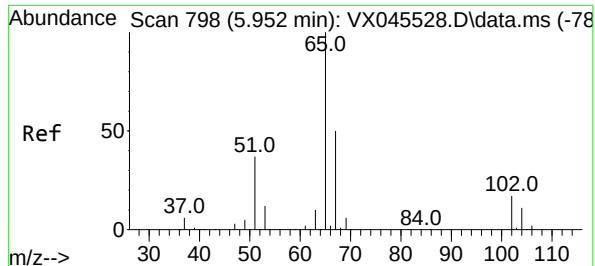
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#32
1,1,1-Trichloroethane
Concen: 104.346 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 97 Resp: 198511
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 50.2 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 98.914 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 15575

Ion Ratio Lower Upper

65 100

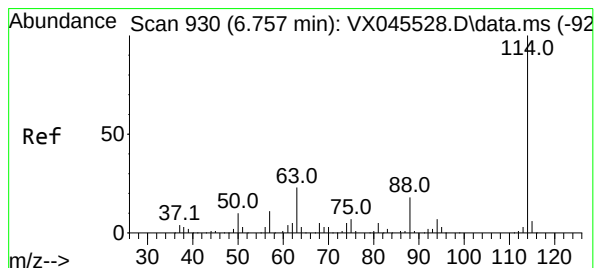
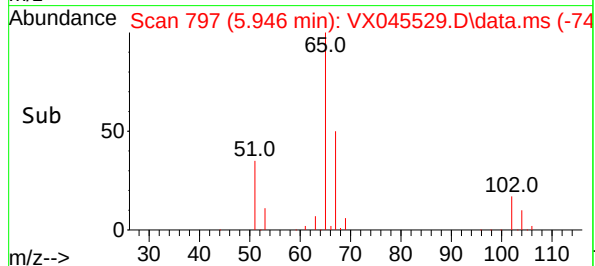
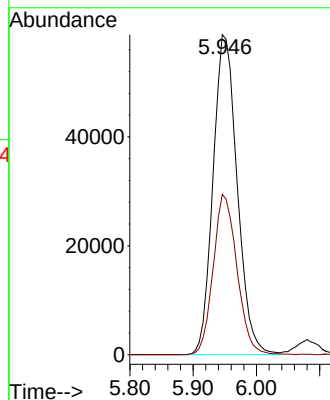
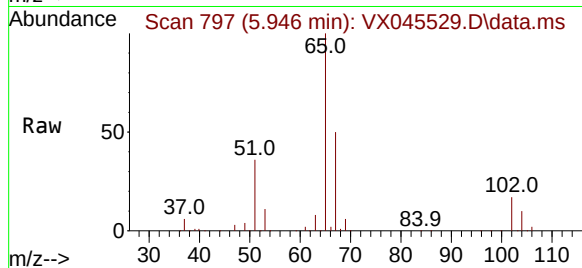
67 49.3 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

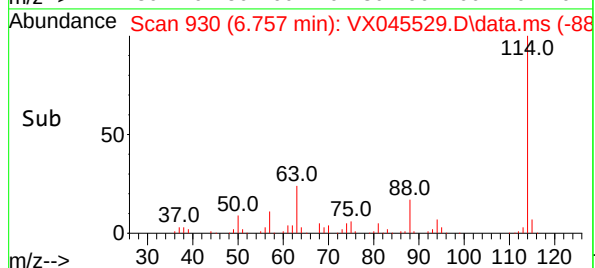
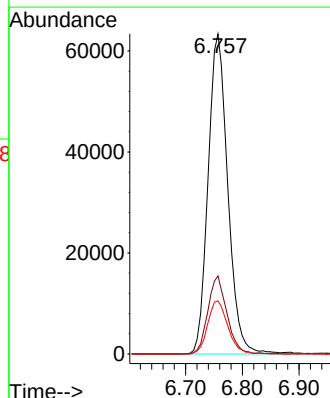
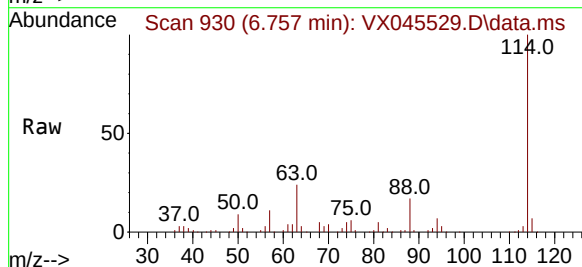
Tgt Ion:114 Resp: 152724

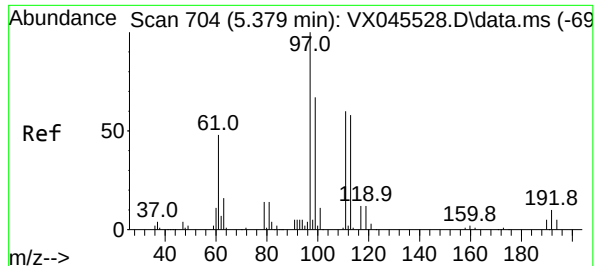
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 16.6 0.0 35.4





#35

Dibromofluoromethane

Concen: 99.585 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 107908

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

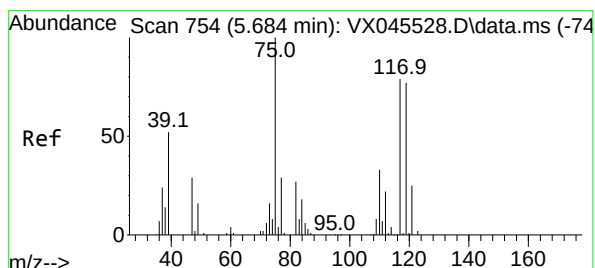
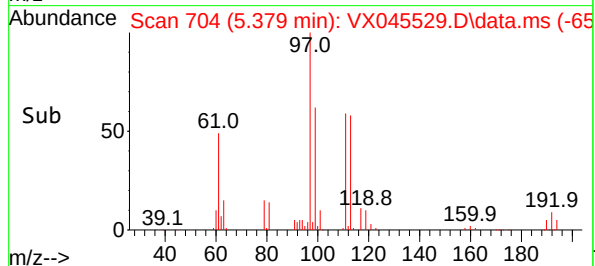
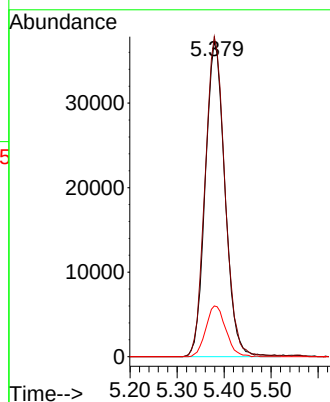
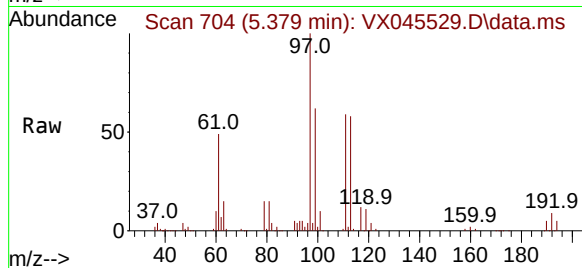
192 16.4 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#36

1,1-Dichloropropene

Concen: 103.515 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

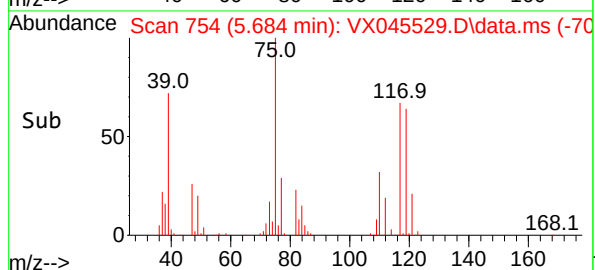
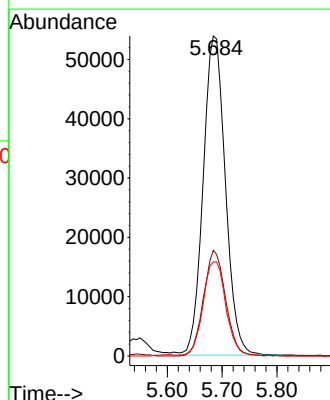
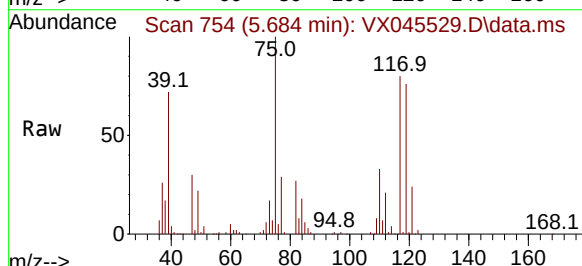
Tgt Ion: 75 Resp: 151448

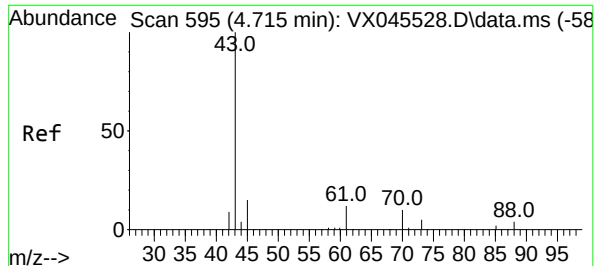
Ion Ratio Lower Upper

75 100

110 32.8 16.9 50.6

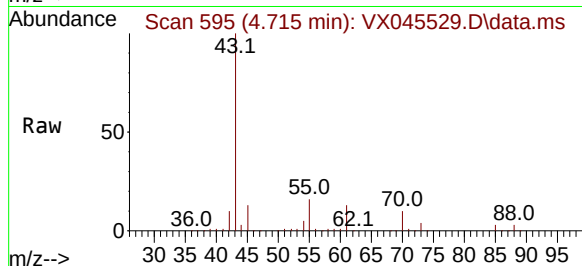
77 30.4 25.0 37.4





#37
Ethyl Acetate
Concen: 104.207 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

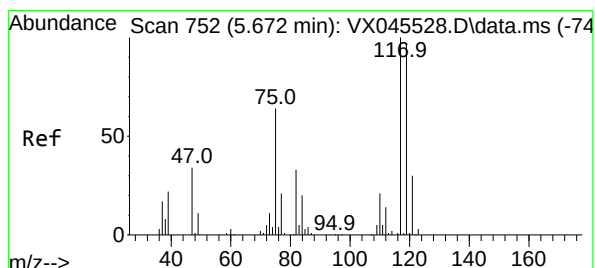
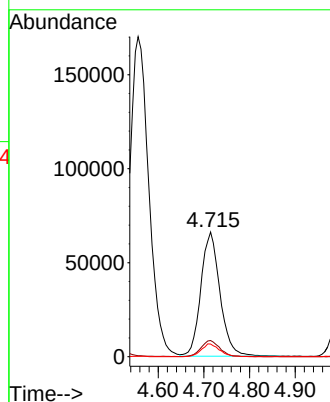
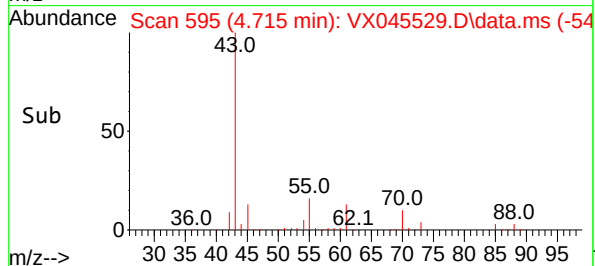
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 192130
Ion Ratio Lower Upper
43 100
61 12.9 9.9 14.9
70 9.8 7.5 11.3

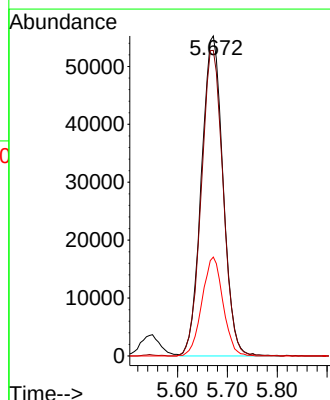
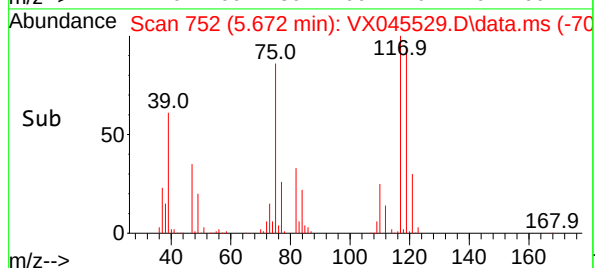
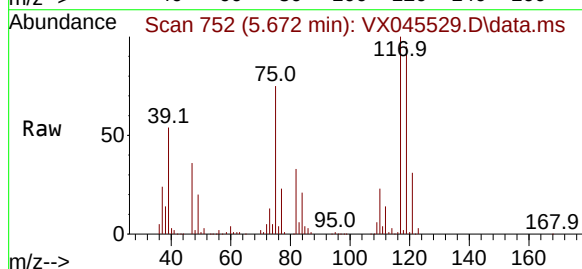
Manual Integrations
APPROVED

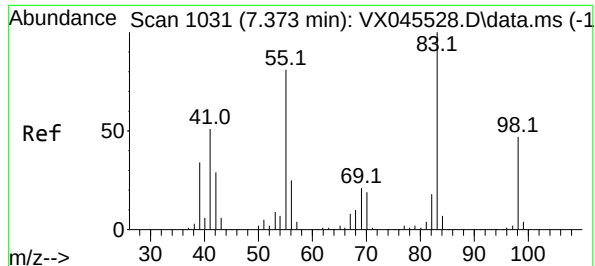
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#38
Carbon Tetrachloride
Concen: 105.278 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:117 Resp: 166465
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3
121 30.9 24.2 36.2





#39

Methylcyclohexane

Concen: 106.921 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 191752

Ion Ratio Lower Upper

83 100

55 80.4 64.9 97.3

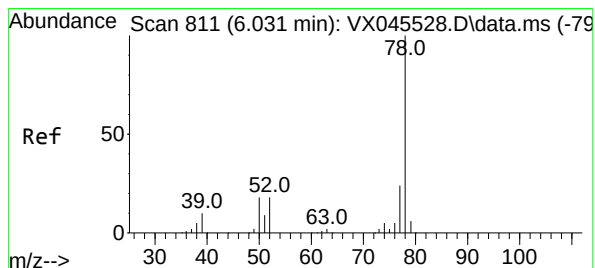
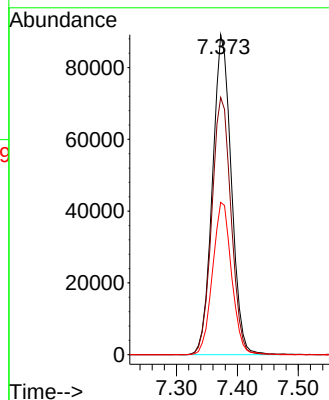
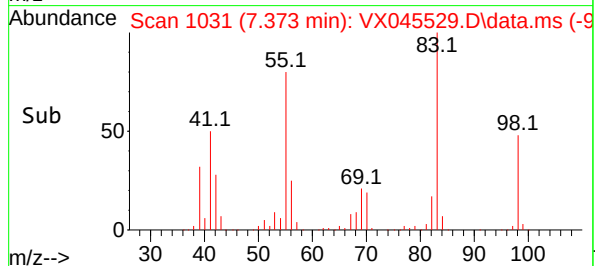
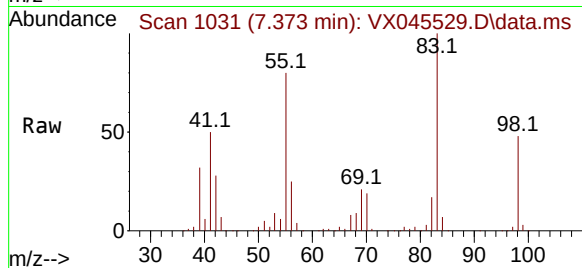
98 47.6 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#40

Benzene

Concen: 101.369 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045529.D

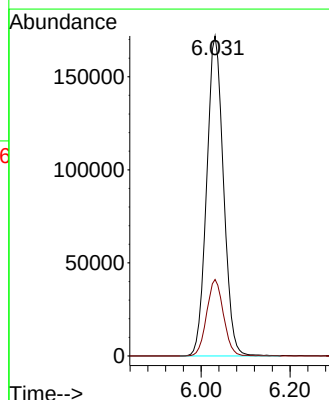
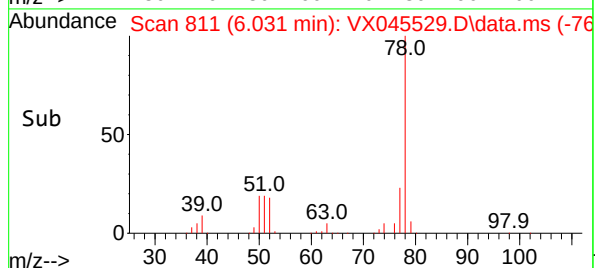
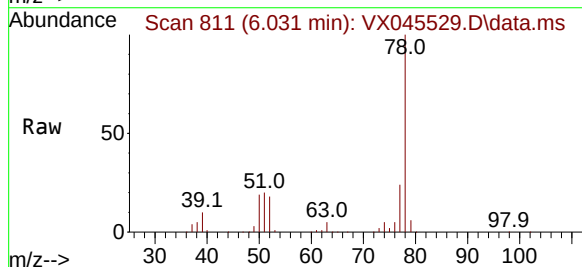
Acq: 01 Apr 2025 18:38

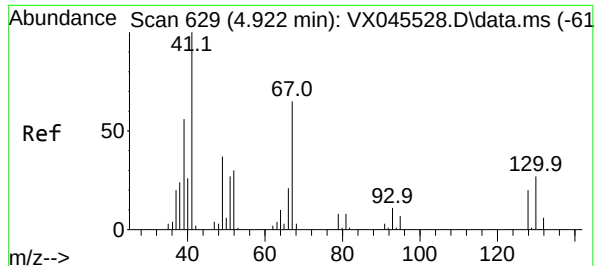
Tgt Ion: 78 Resp: 452946

Ion Ratio Lower Upper

78 100

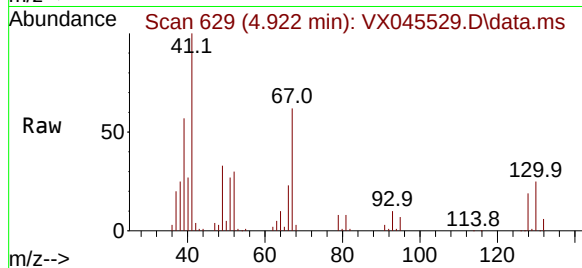
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 109.068 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

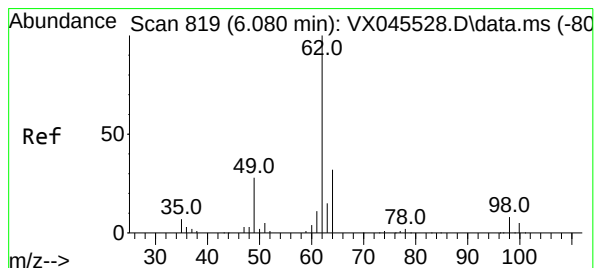
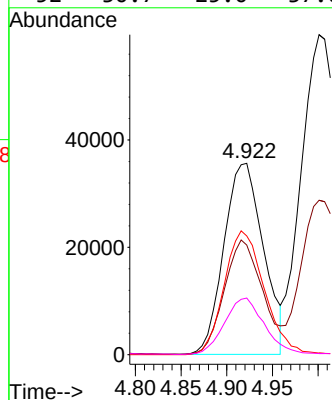
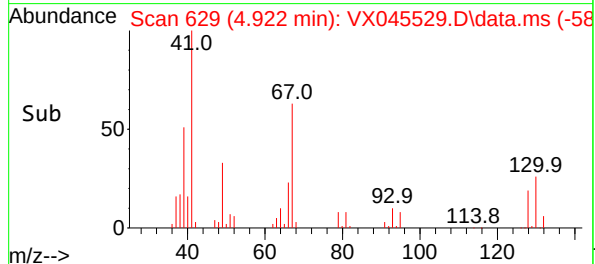
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 10703
Ion Ratio Lower Upper
41 100
39 57.9 47.0 70.6
67 66.2 53.2 79.8
52 30.7 25.0 37.6

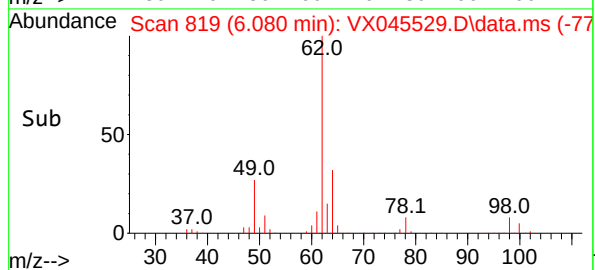
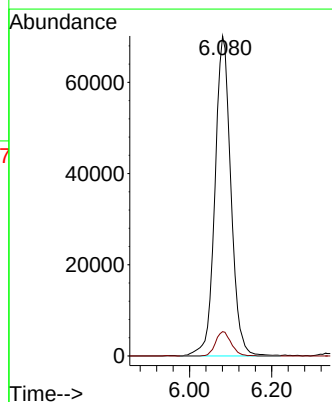
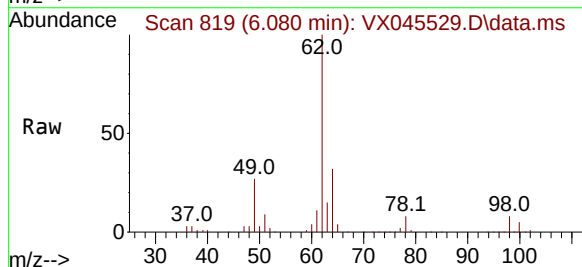
Manual Integrations
APPROVED

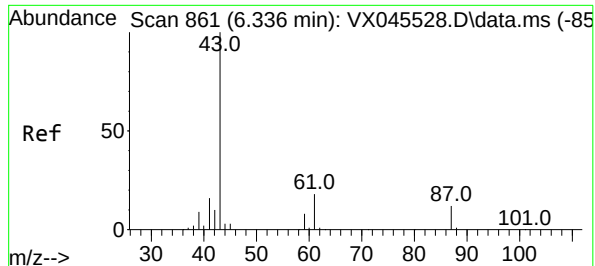
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#42
1,2-Dichloroethane
Concen: 102.696 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 62 Resp: 189528
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43

Isopropyl Acetate

Concen: 109.494 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 305974

Ion Ratio Lower Upper

43 100

61 17.6 14.1 21.1

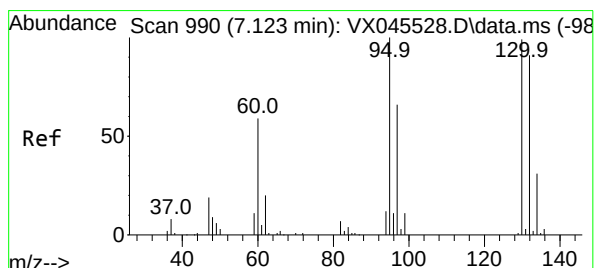
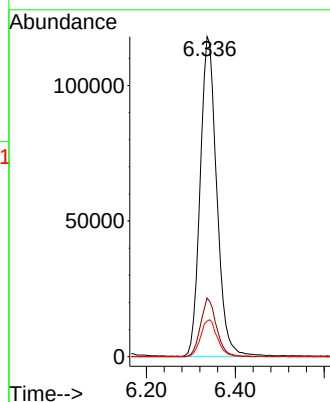
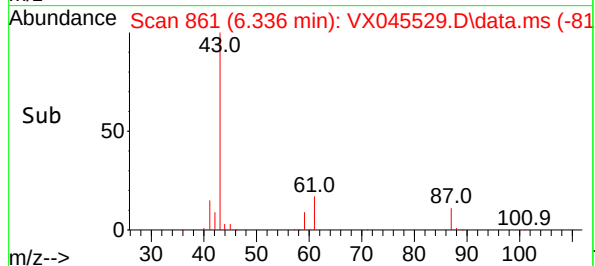
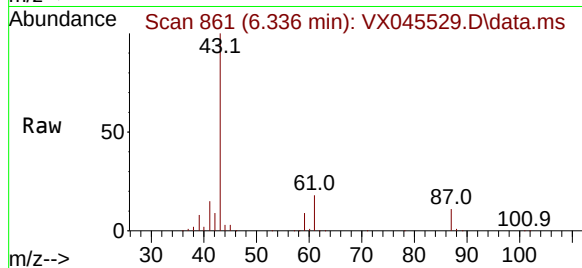
87 11.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#44

Trichloroethene

Concen: 101.062 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045529.D

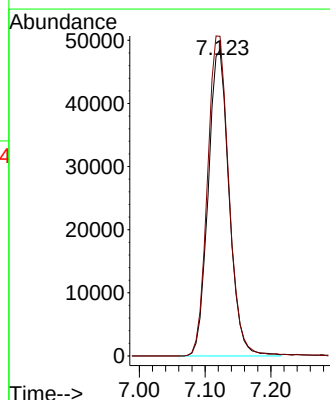
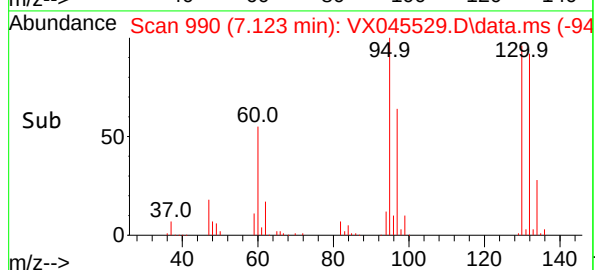
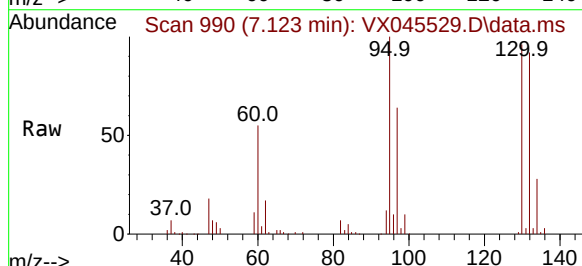
Acq: 01 Apr 2025 18:38

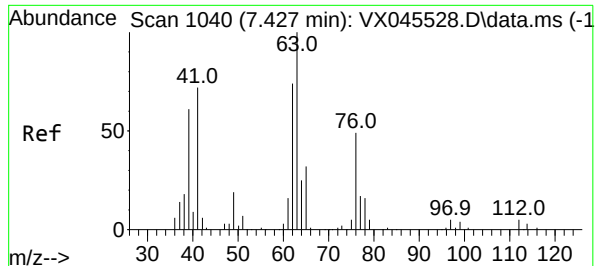
Tgt Ion:130 Resp: 107332

Ion Ratio Lower Upper

130 100

95 104.4 0.0 202.0





#45

1,2-Dichloropropane

Concen: 103.806 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 11573

Ion Ratio Lower Upper

63 100

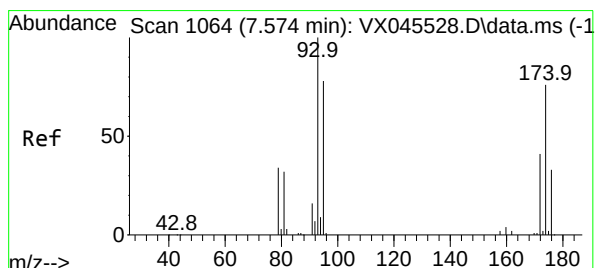
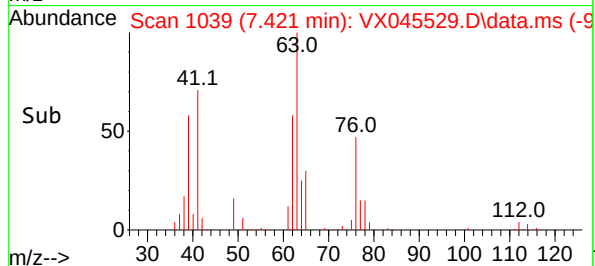
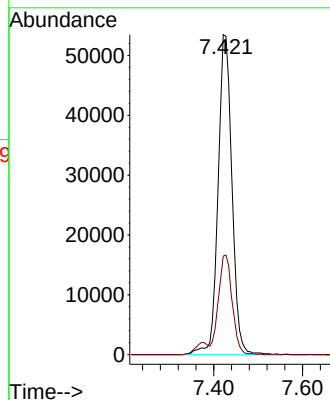
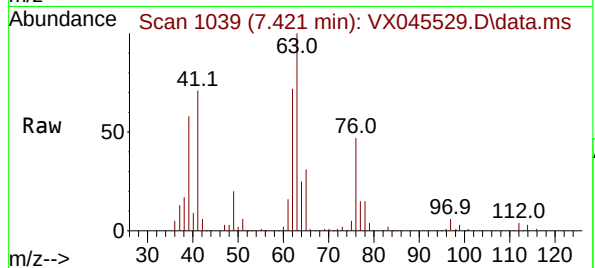
65 30.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#46

Dibromomethane

Concen: 102.101 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

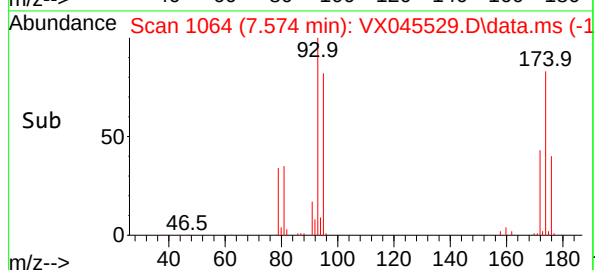
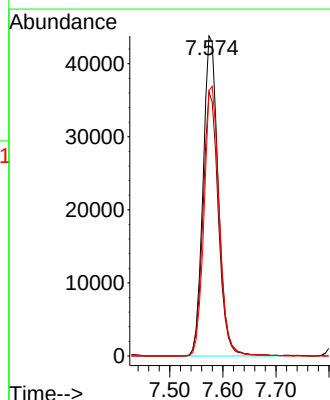
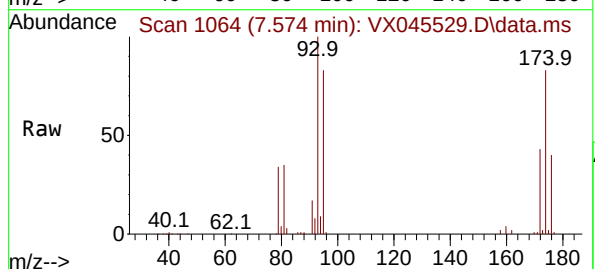
Tgt Ion: 93 Resp: 87381

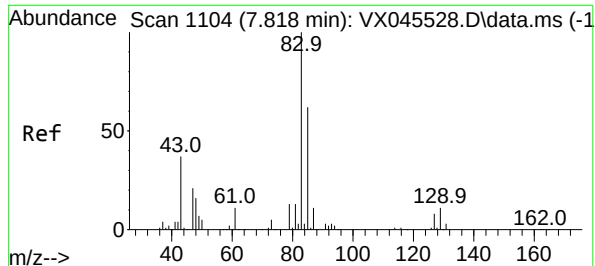
Ion Ratio Lower Upper

93 100

95 83.4 64.8 97.2

174 84.4 65.4 98.0





#47

Bromodichloromethane

Concen: 104.886 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 17926

Ion Ratio Lower Upper

83 100

85 63.8 49.7 74.5

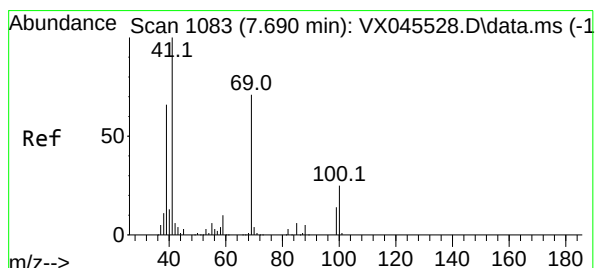
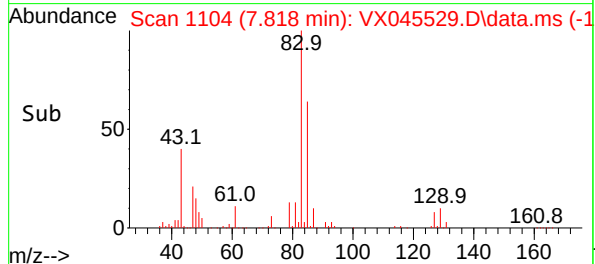
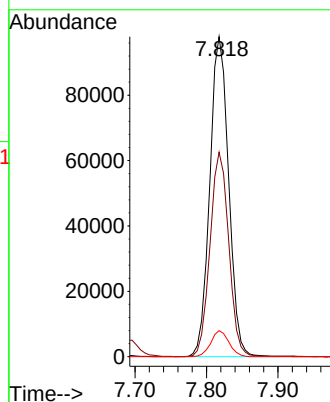
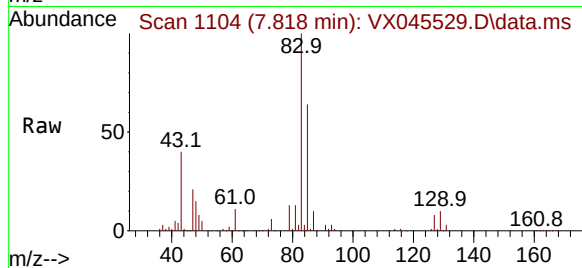
127 8.2 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#48

Methyl methacrylate

Concen: 109.675 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

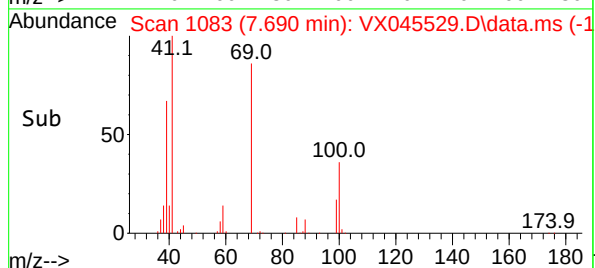
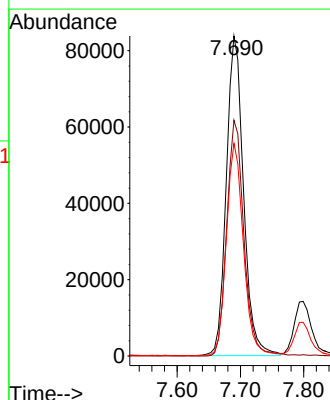
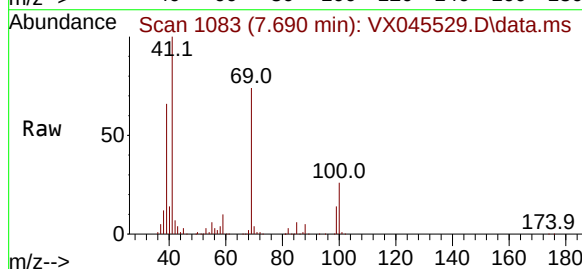
Tgt Ion: 41 Resp: 158241

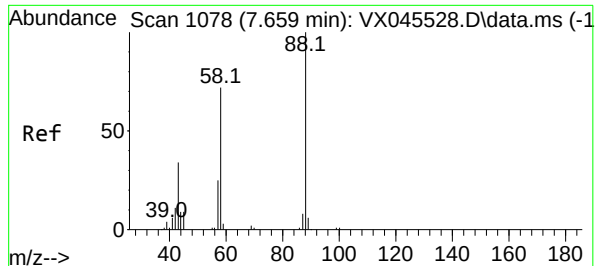
Ion Ratio Lower Upper

41 100

69 73.5 58.2 87.2

39 65.9 53.6 80.4





#49

1,4-Dioxane

Concen: 2015.906 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 52624

Ion Ratio Lower Upper

88 100

43 42.4 32.2 48.4

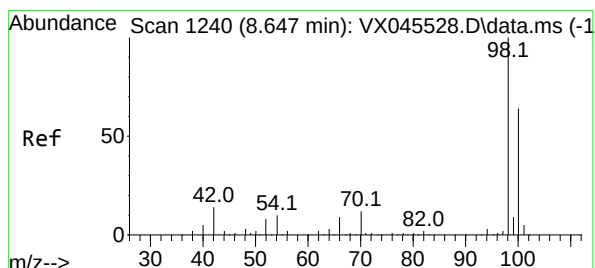
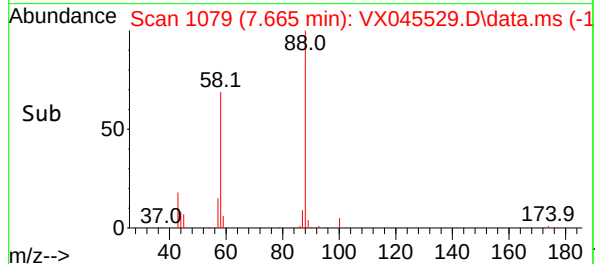
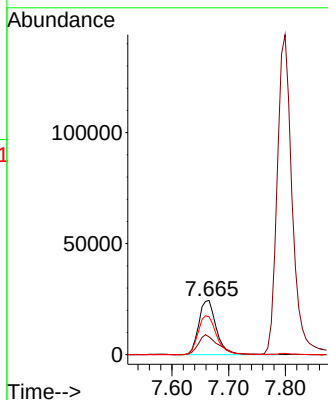
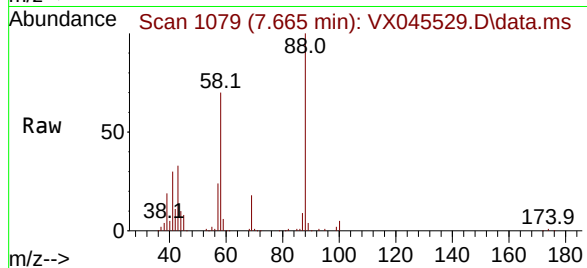
58 75.5 58.6 88.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#50

Toluene-d8

Concen: 99.309 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045529.D

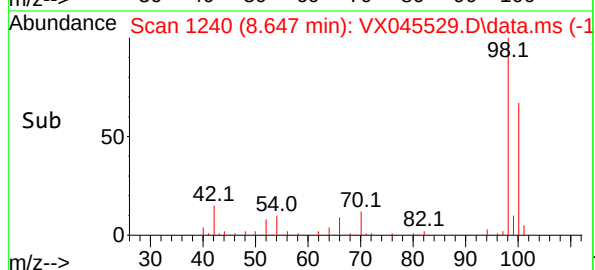
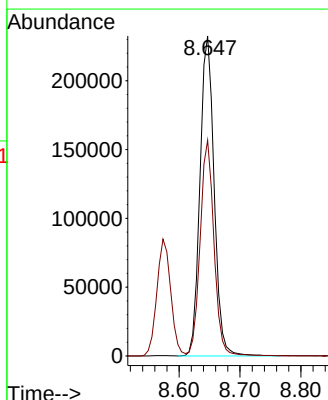
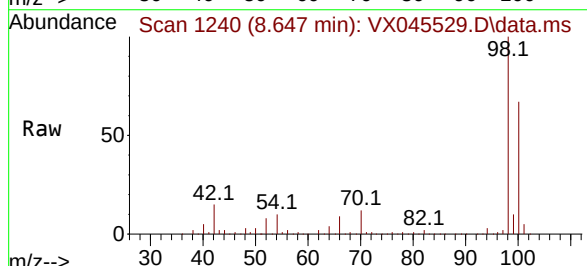
Acq: 01 Apr 2025 18:38

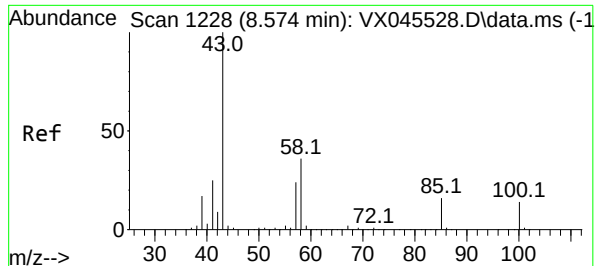
Tgt Ion: 98 Resp: 375599

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 533.814 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 98888

Ion Ratio Lower Upper

43 100

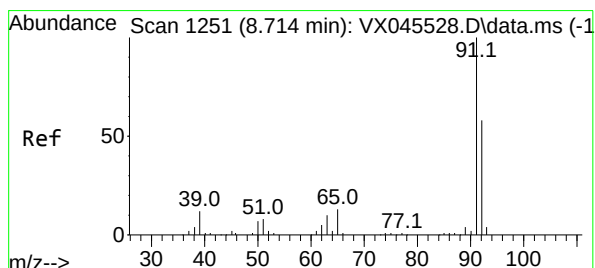
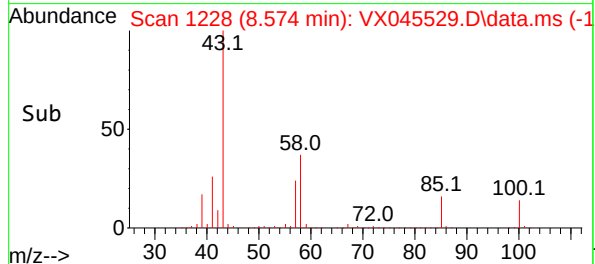
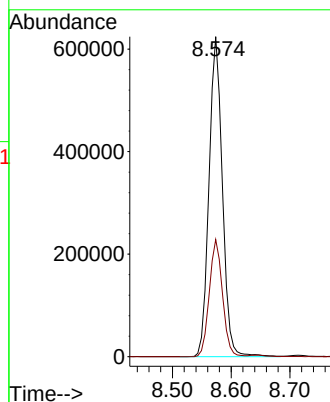
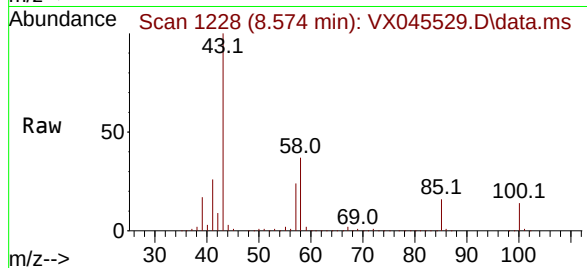
58 36.1 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#52

Toluene

Concen: 102.199 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX045529.D

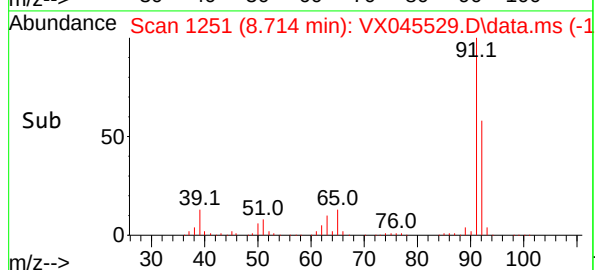
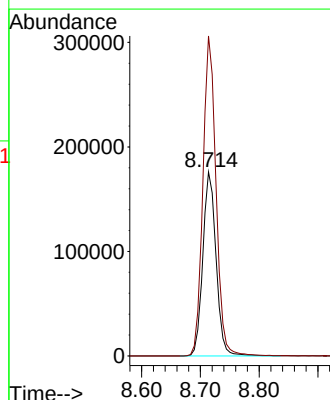
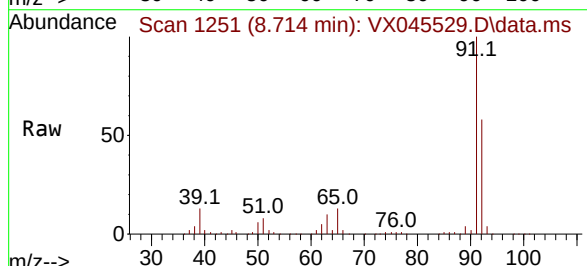
Acq: 01 Apr 2025 18:38

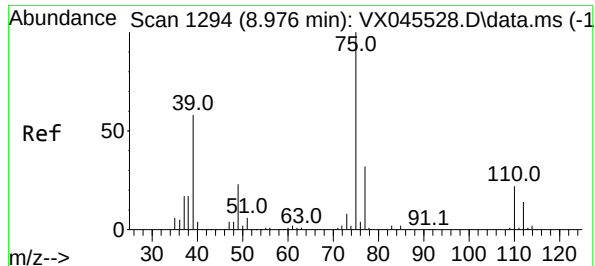
Tgt Ion: 92 Resp: 276323

Ion Ratio Lower Upper

92 100

91 172.5 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 100.645 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 16941

Ion Ratio Lower Upper

75 100

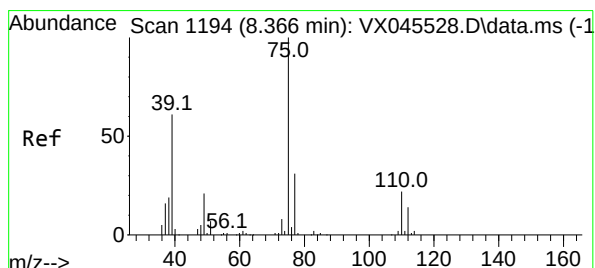
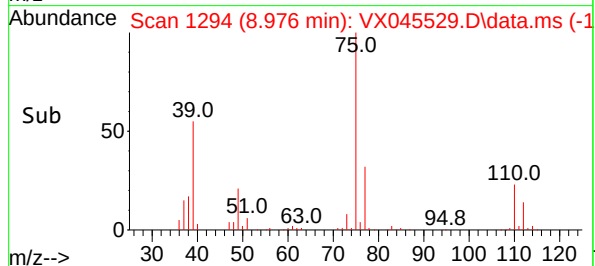
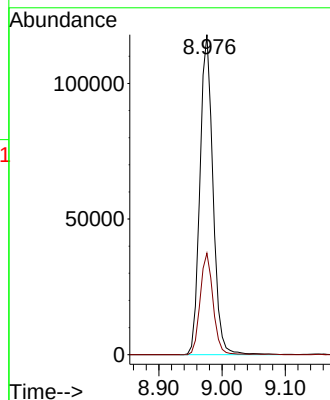
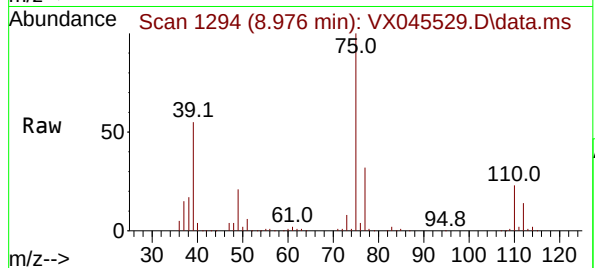
77 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#54

cis-1,3-Dichloropropene

Concen: 113.521 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

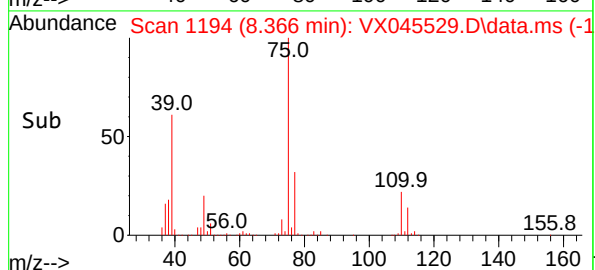
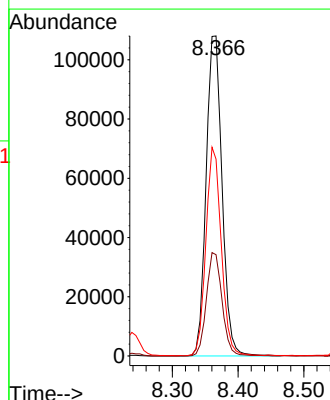
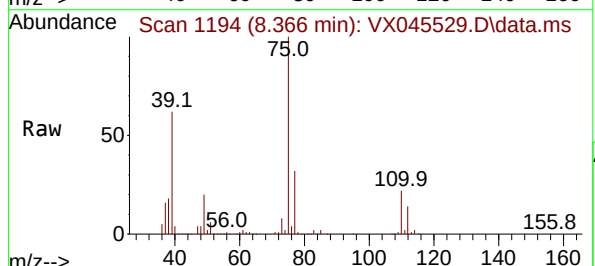
Tgt Ion: 75 Resp: 182328

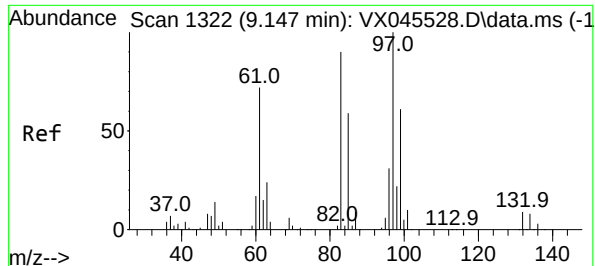
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 61.4 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 101.361 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 109208

Ion Ratio Lower Upper

97 100

83 90.8 71.8 107.8

85 58.2 47.0 70.6

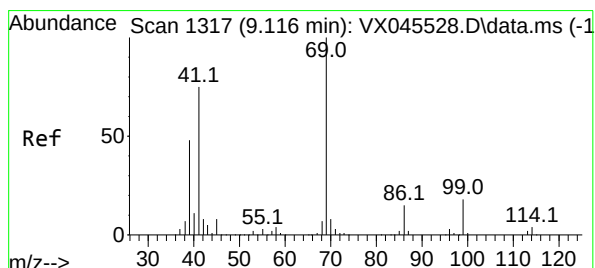
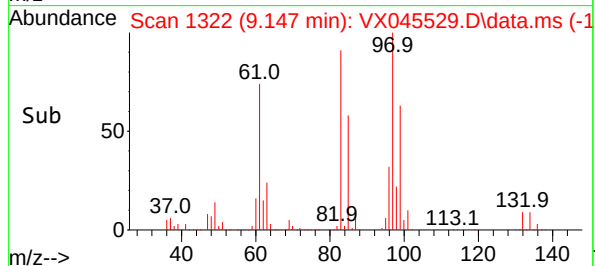
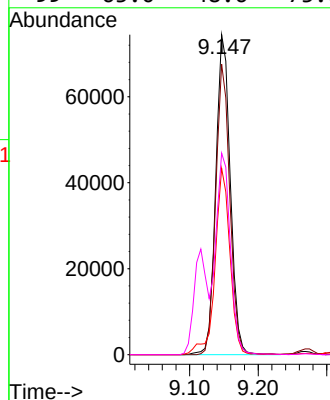
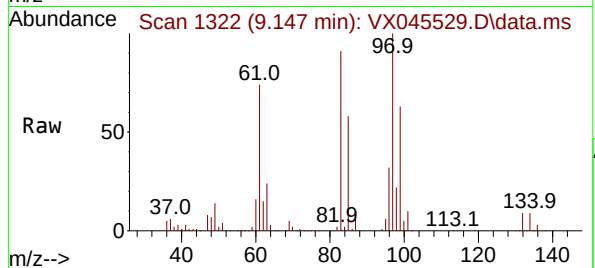
99 63.0 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#56

Ethyl methacrylate

Concen: 115.168 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

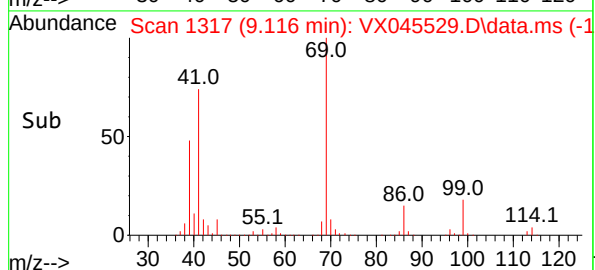
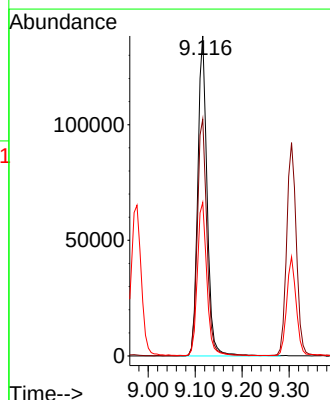
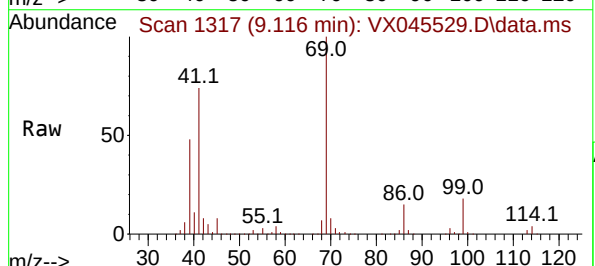
Tgt Ion: 69 Resp: 192034

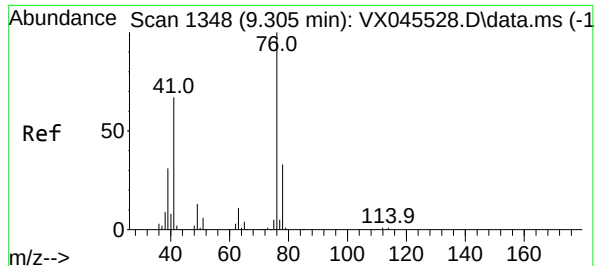
Ion Ratio Lower Upper

69 100

41 76.5 61.3 91.9

39 49.0 40.2 60.2





#57

1,3-Dichloropropane

Concen: 102.588 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 19247

Ion Ratio Lower Upper

76 100

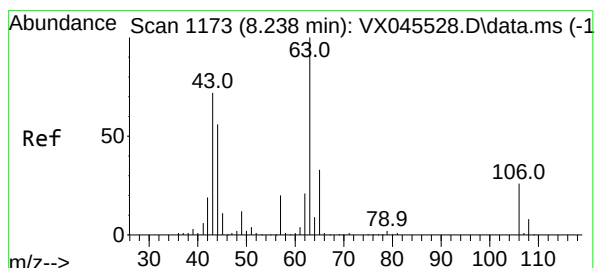
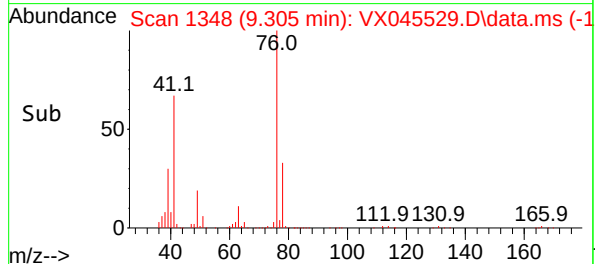
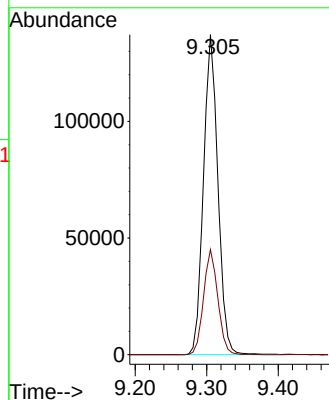
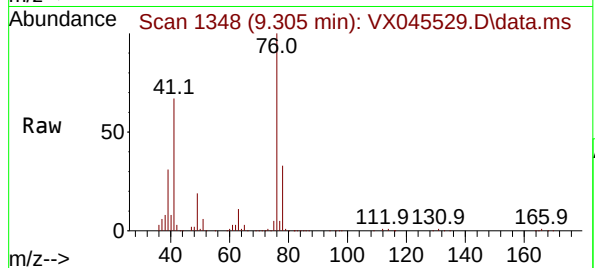
78 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 545.696 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045529.D

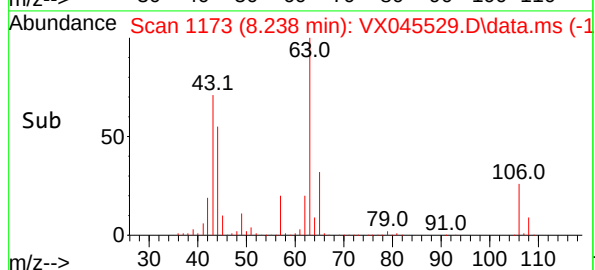
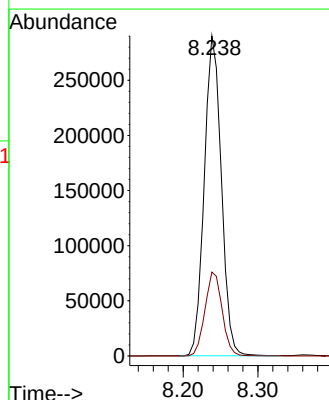
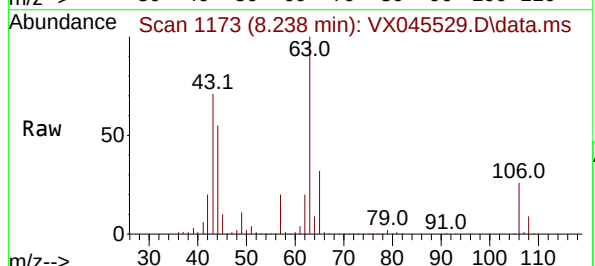
Acq: 01 Apr 2025 18:38

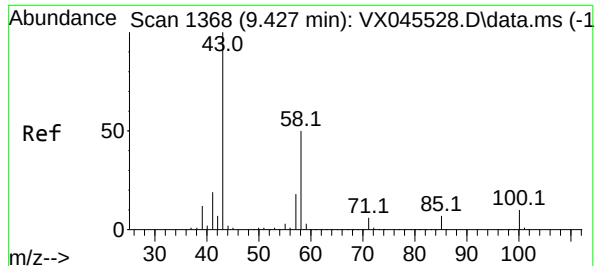
Tgt Ion: 63 Resp: 460297

Ion Ratio Lower Upper

63 100

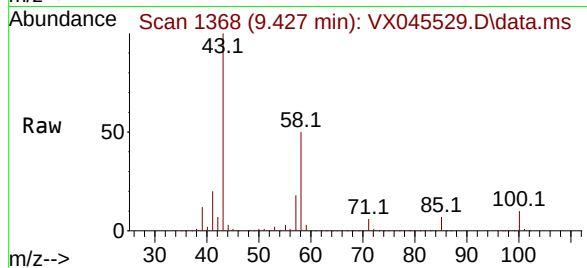
106 26.4 21.0 31.6





#59
2-Hexanone
Concen: 538.538 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

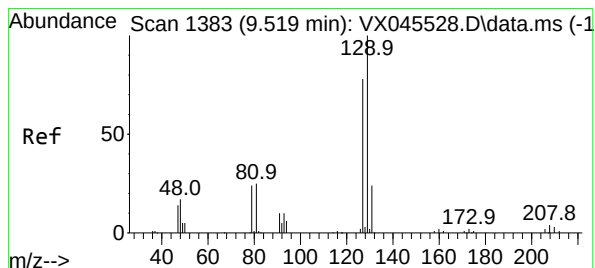
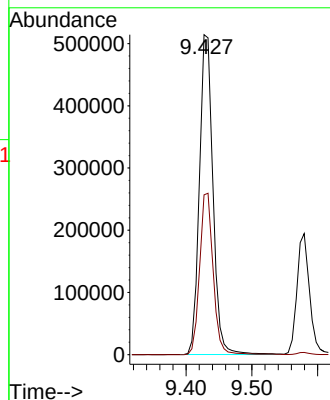
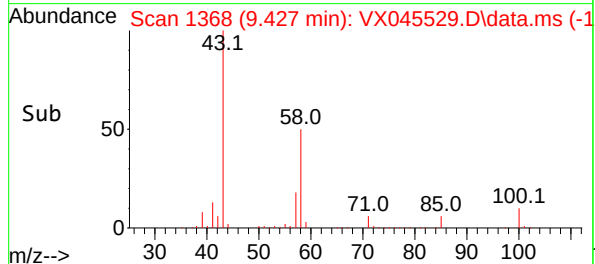
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 738772
Ion Ratio Lower Upper
43 100
58 50.3 24.9 74.6

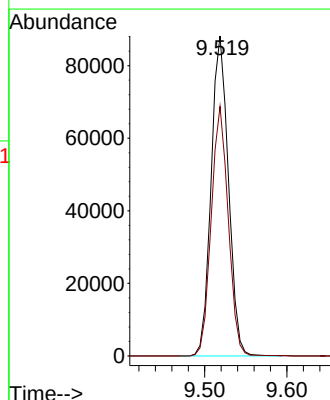
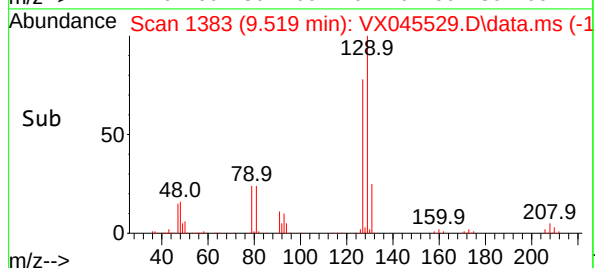
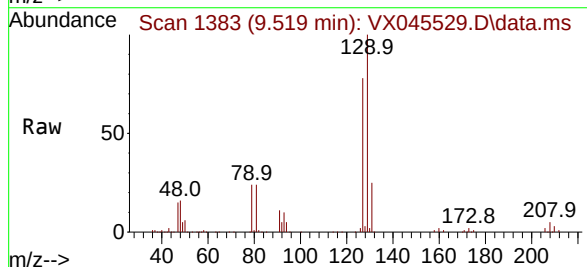
Manual Integrations
APPROVED

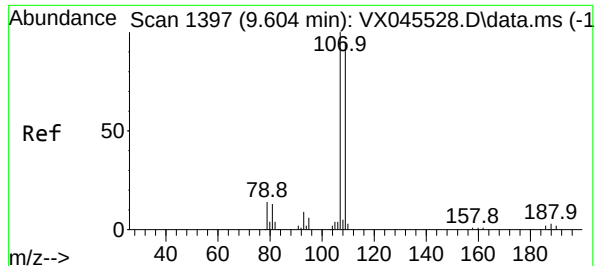
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#60
Dibromochloromethane
Concen: 109.570 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

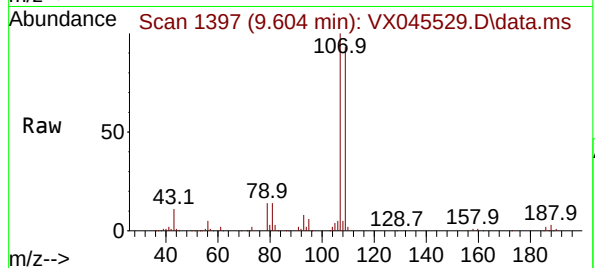
Tgt Ion:129 Resp: 128700
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 106.282 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

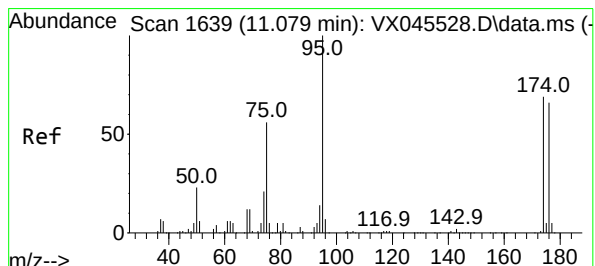
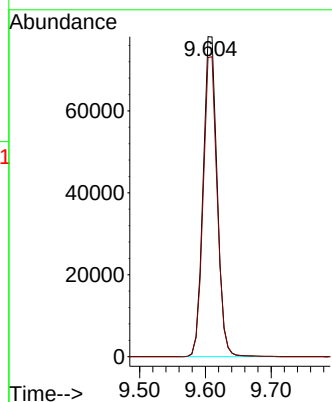
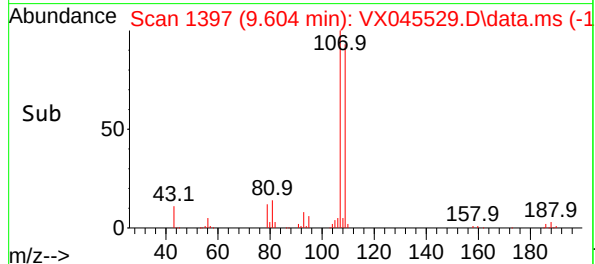
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 107 Resp: 115919
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

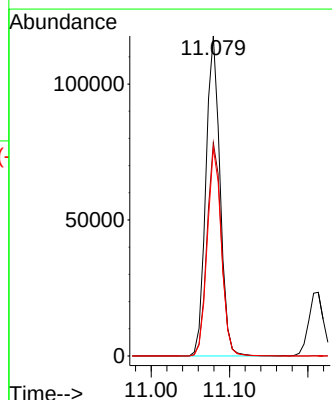
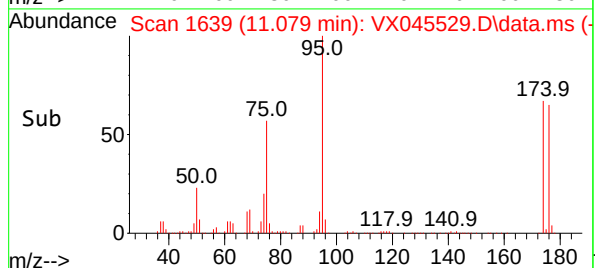
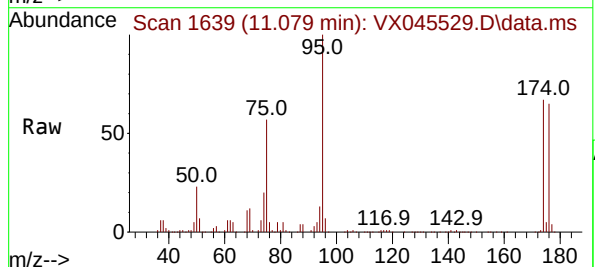
Manual Integrations
APPROVED

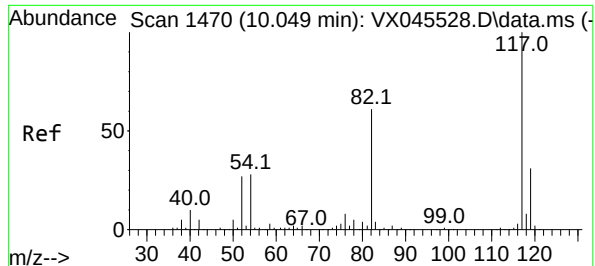
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#62
4-Bromofluorobenzene
Concen: 106.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 95 Resp: 146944
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 64.7 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:117 Resp: 136369

Ion Ratio Lower Upper

117 100

82 57.2 49.2 73.8

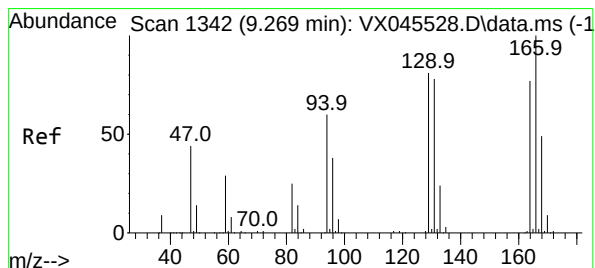
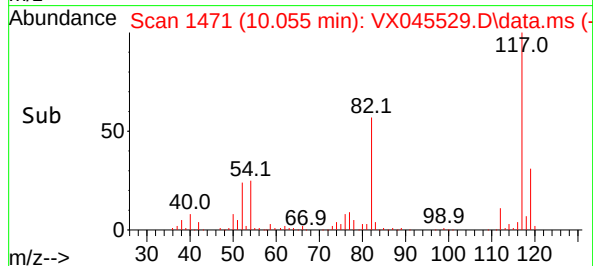
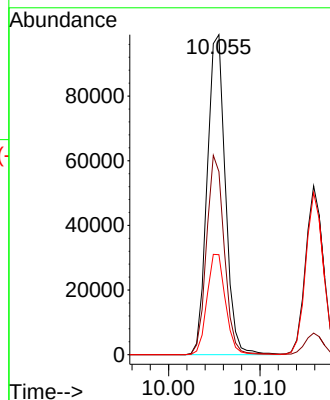
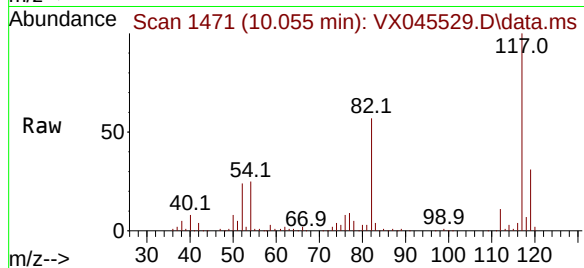
119 31.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#64

Tetrachloroethene

Concen: 94.325 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Tgt Ion:164 Resp: 90817

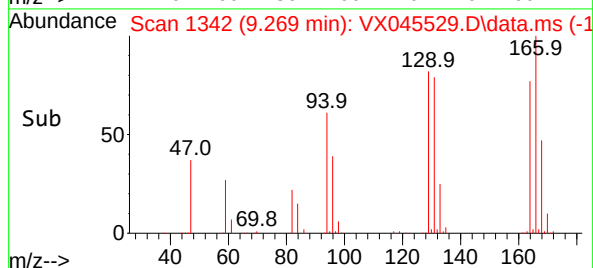
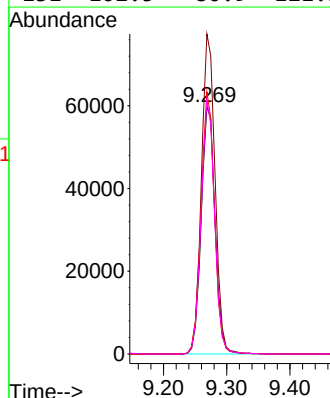
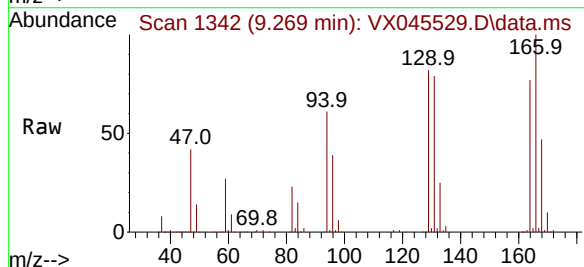
Ion Ratio Lower Upper

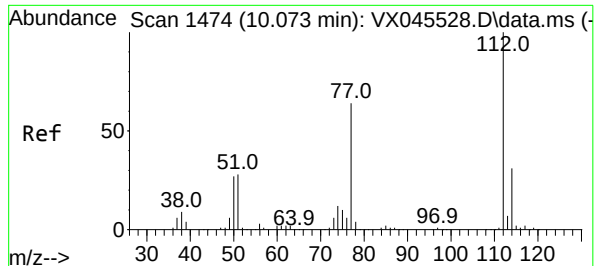
164 100

166 129.3 103.8 155.8

129 105.9 84.3 126.5

131 102.5 80.9 121.3





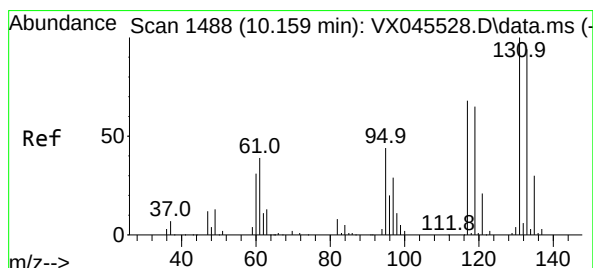
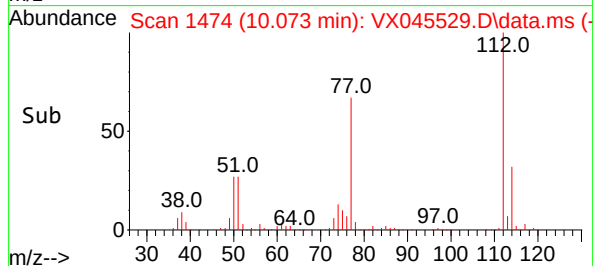
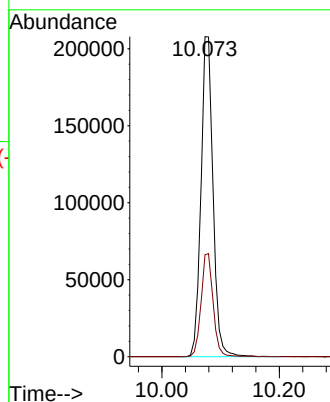
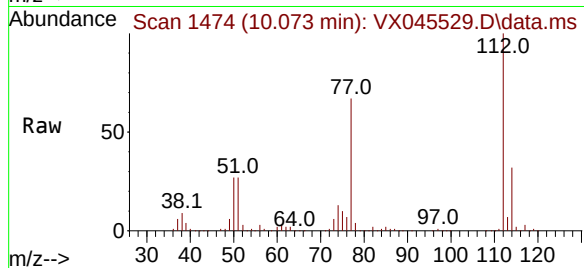
#65
Chlorobenzene
Concen: 101.682 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 296300
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

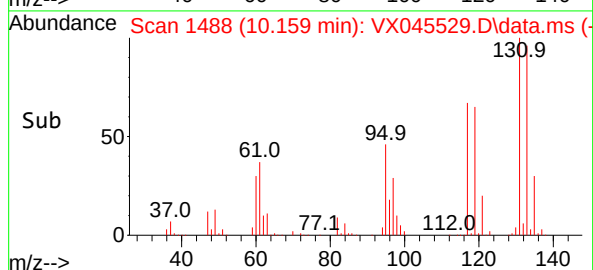
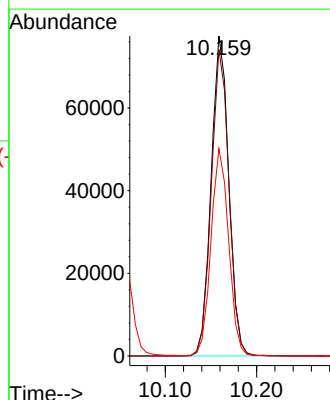
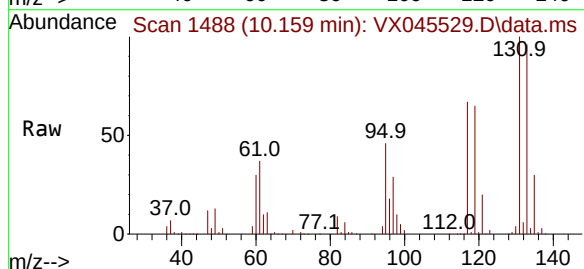
Manual Integrations
APPROVED

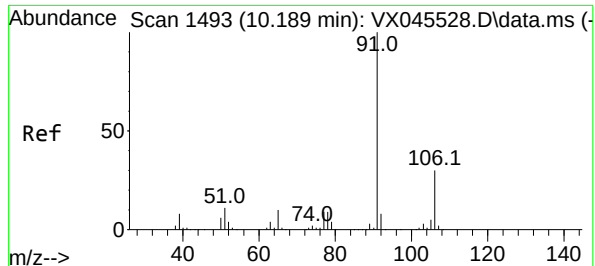
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 102.243 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:131 Resp: 103437
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 65.0 32.9 98.6





#67

Ethyl Benzene

Concen: 104.152 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 543568

Ion Ratio Lower Upper

91 100

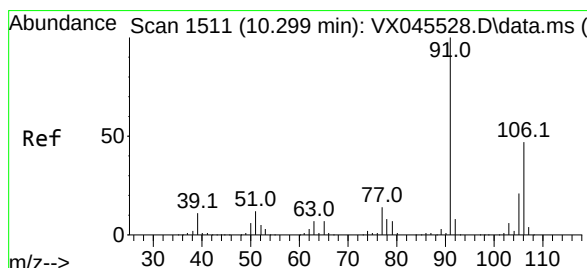
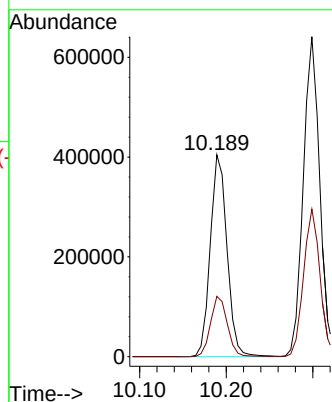
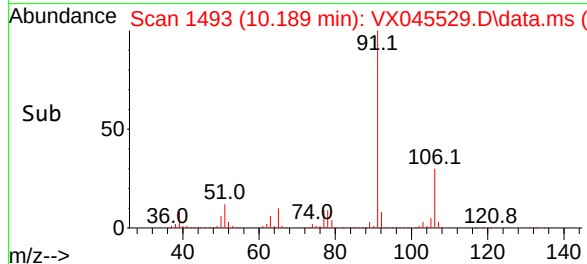
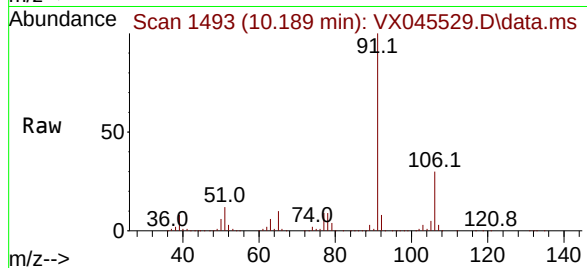
106 29.9 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#68

m/p-Xylenes

Concen: 207.694 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045529.D

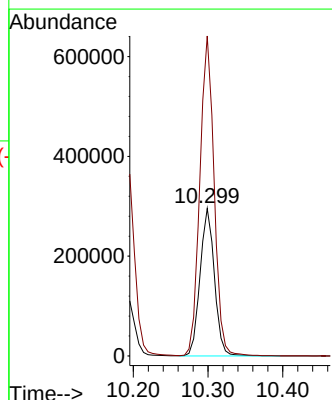
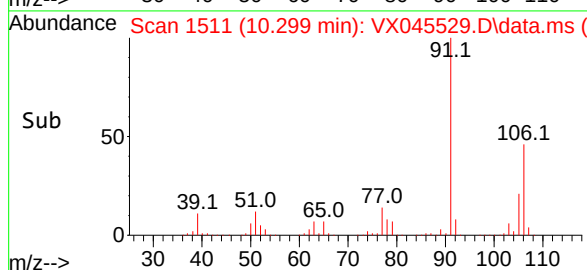
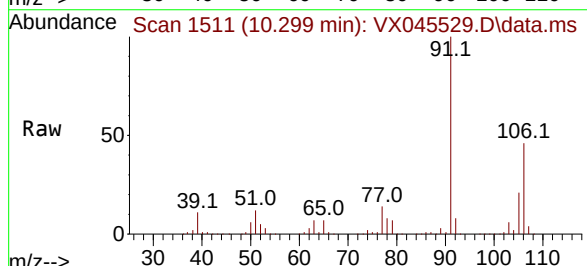
Acq: 01 Apr 2025 18:38

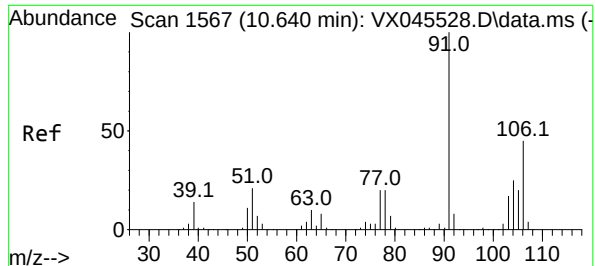
Tgt Ion:106 Resp: 394241

Ion Ratio Lower Upper

106 100

91 216.1 172.6 258.8





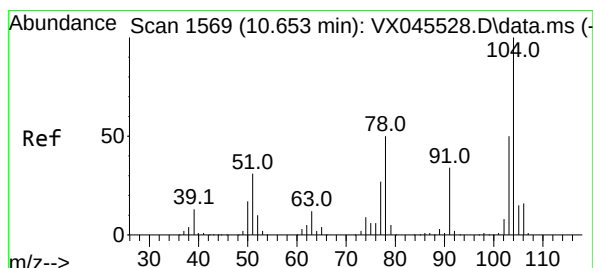
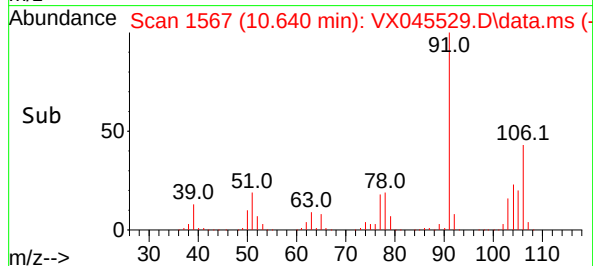
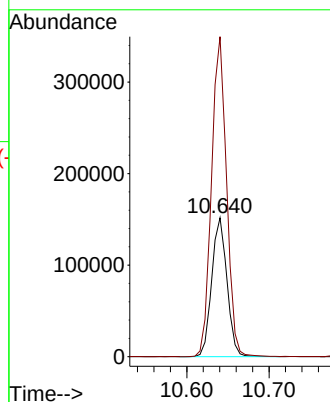
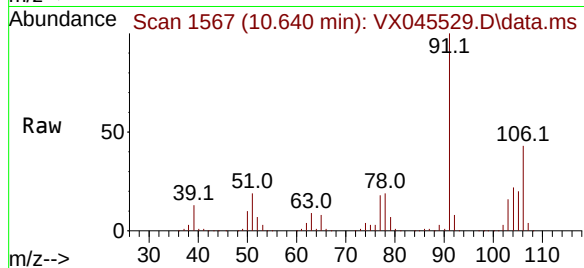
#69
o-Xylene
Concen: 104.487 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 19538
Ion Ratio Lower Upper
106 100
91 228.0 113.6 340.6

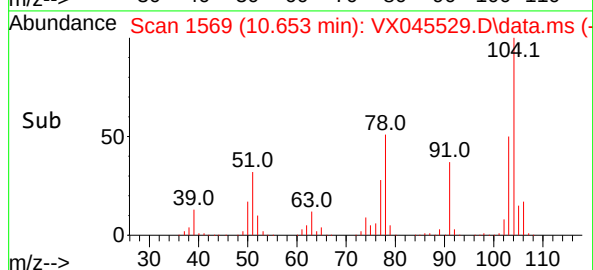
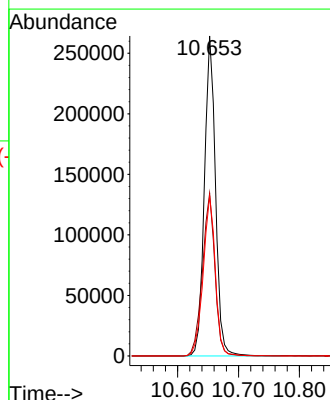
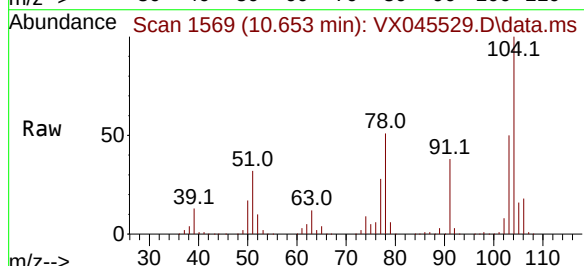
Manual Integrations
APPROVED

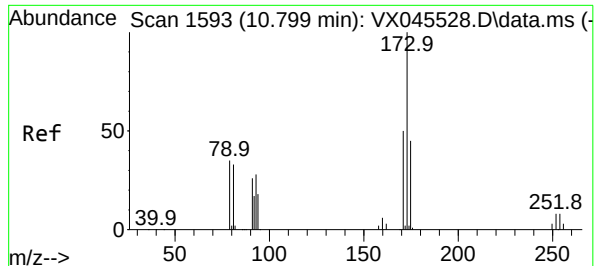
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#70
Styrene
Concen: 108.654 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

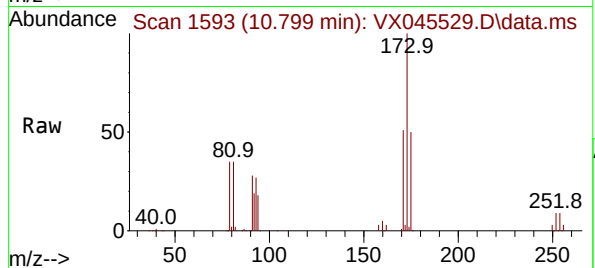
Tgt Ion:104 Resp: 335333
Ion Ratio Lower Upper
104 100
78 57.0 45.4 68.2
103 54.7 43.8 65.8





#71
Bromoform
Concen: 110.714 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

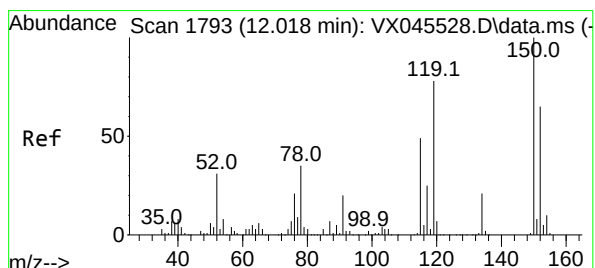
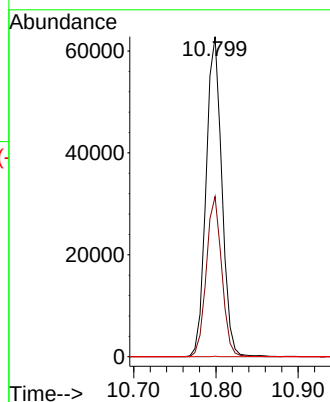
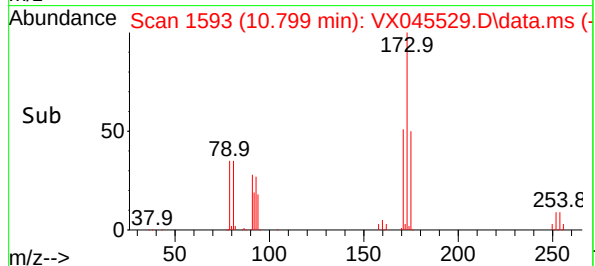
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 83632
Ion Ratio Lower Upper
173 100
175 49.0 23.4 70.2
254 0.0 0.0 0.0

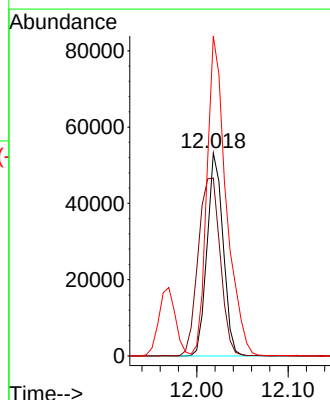
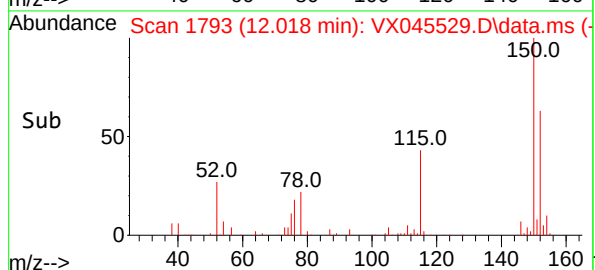
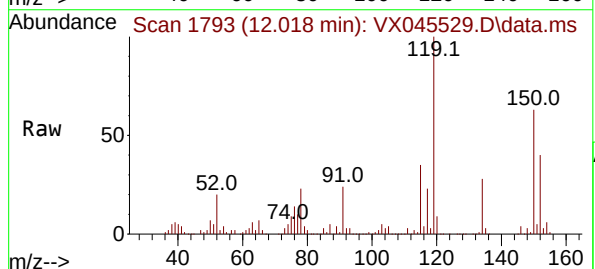
Manual Integrations
APPROVED

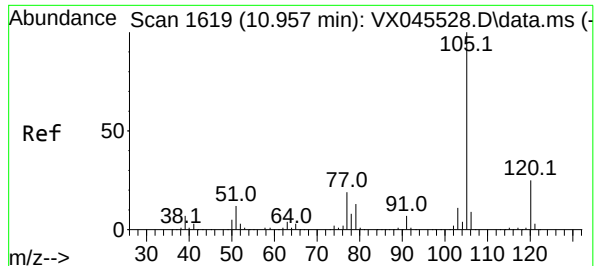
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:152 Resp: 64612
Ion Ratio Lower Upper
152 100
115 121.0 46.9 140.7
150 188.4 0.0 349.4





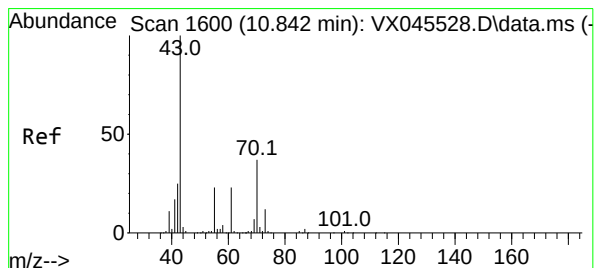
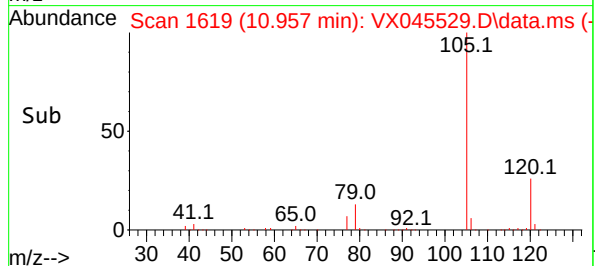
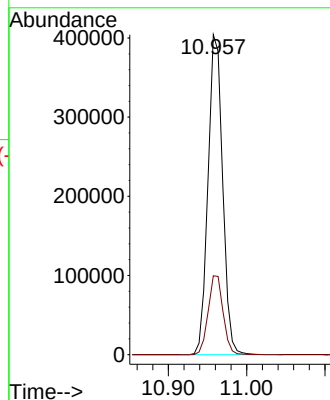
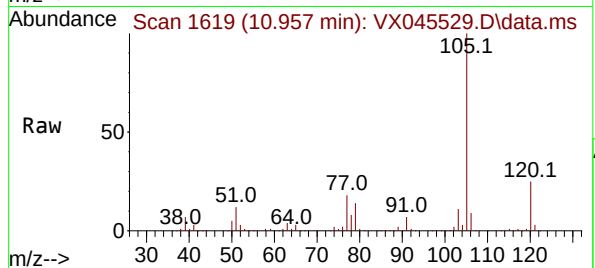
#73
Isopropylbenzene
Concen: 100.944 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 522430
Ion Ratio Lower Upper
105 100
120 25.2 12.7 38.0

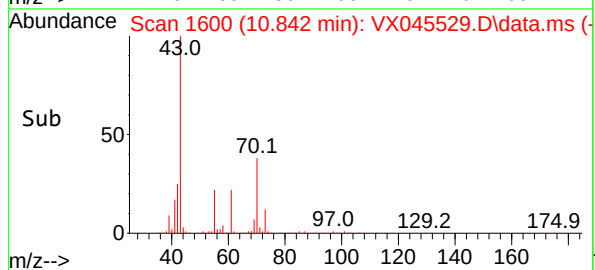
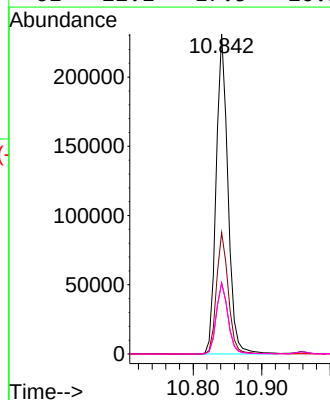
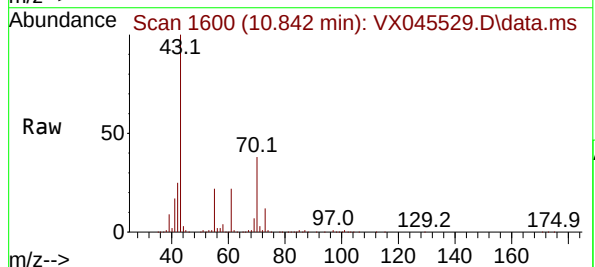
Manual Integrations
APPROVED

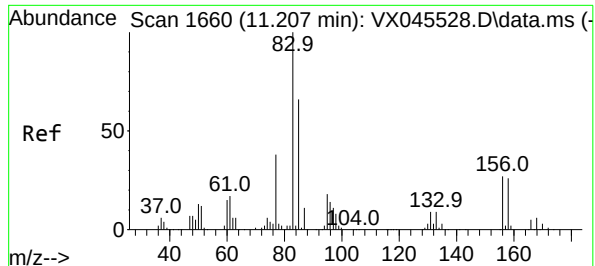
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#74
N-ethyl acetate
Concen: 111.267 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 275462
Ion Ratio Lower Upper
43 100
70 38.1 30.1 45.1
55 22.4 18.3 27.5
61 22.1 17.5 26.3





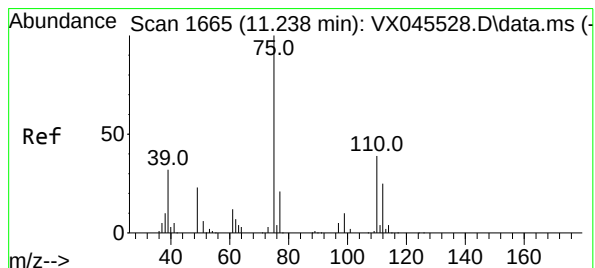
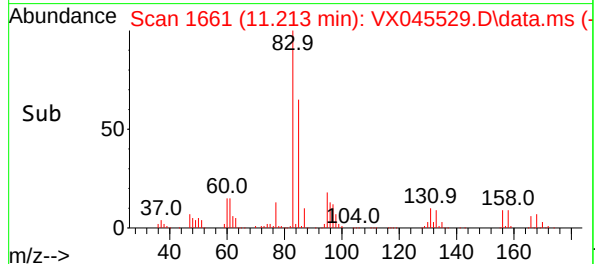
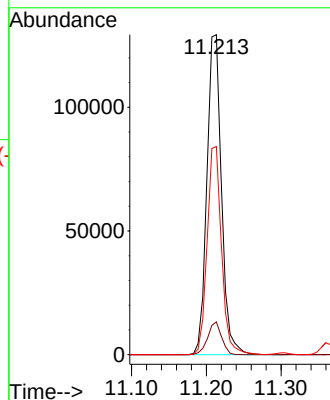
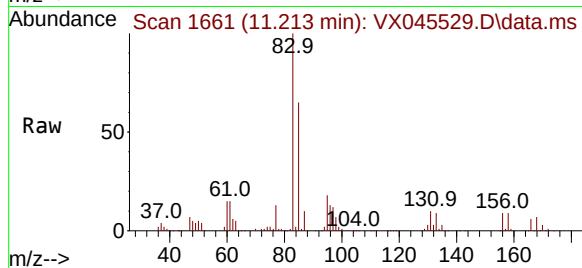
#75
1,1,2,2-Tetrachloroethane
Concen: 96.243 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 17497
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 64.3 32.4 97.2

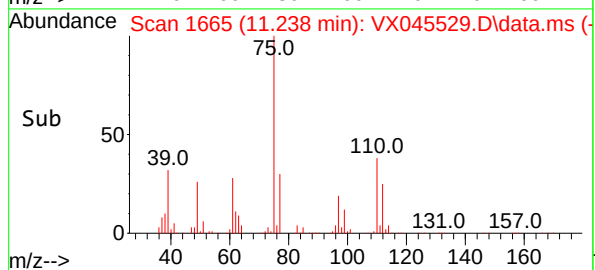
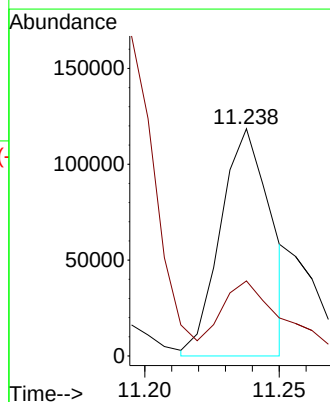
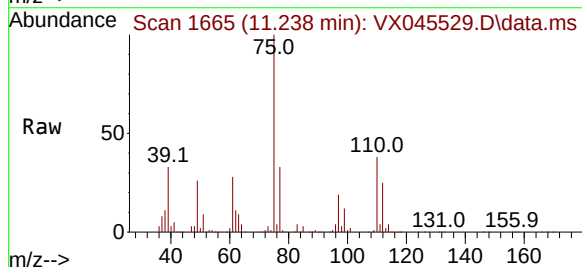
Manual Integrations
APPROVED

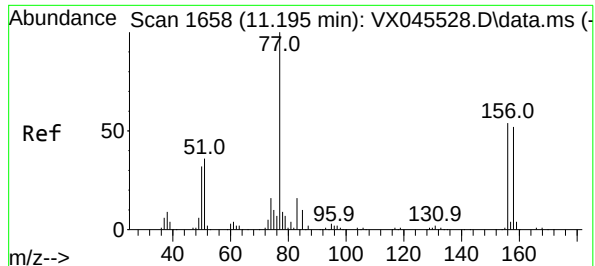
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#76
1,2,3-Trichloropropane
Concen: 97.744 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

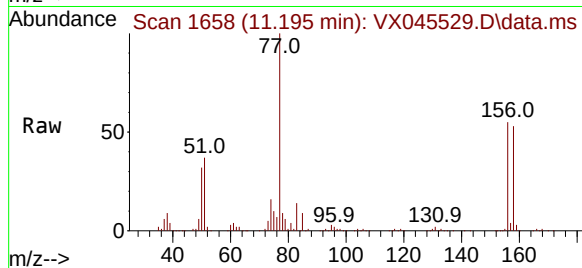
Tgt Ion: 75 Resp: 154048
Ion Ratio Lower Upper
75 100
77 41.8 20.0 59.9





#77
Bromobenzene
Concen: 99.983 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

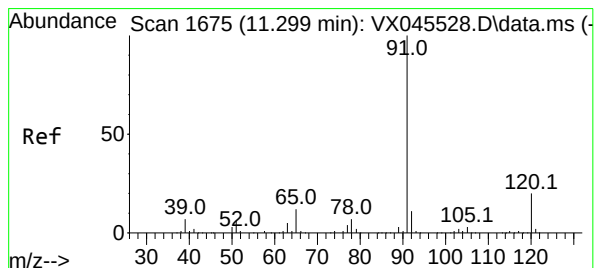
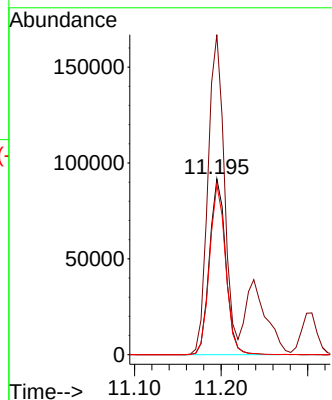
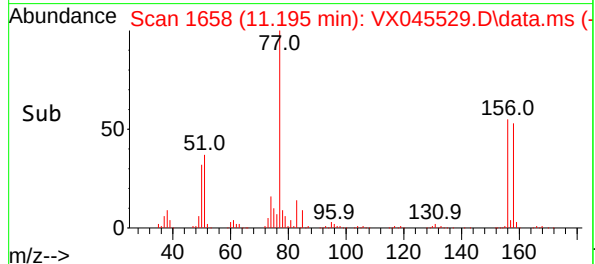
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



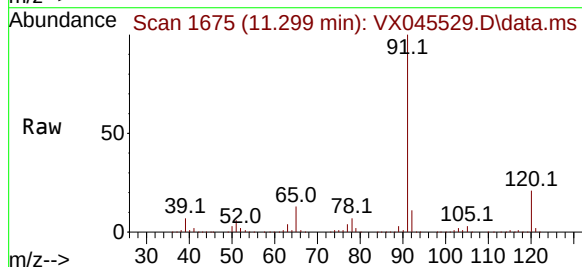
Tgt Ion:156 Resp: 11956
Ion Ratio Lower Upper
156 100
77 183.4 92.6 277.8
158 95.9 48.1 144.4

Manual Integrations
APPROVED

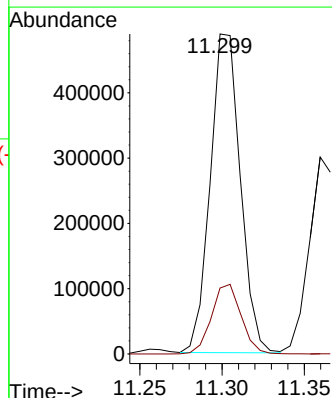
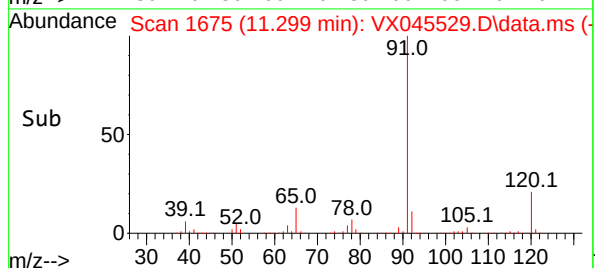
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

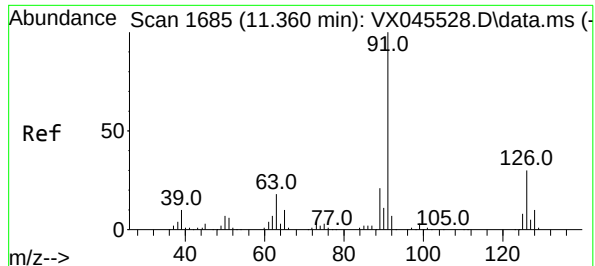


#78
n-propylbenzene
Concen: 104.454 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38



Tgt Ion: 91 Resp: 622679
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





#79

2-Chlorotoluene

Concen: 98.840 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 376682

Ion Ratio Lower Upper

91 100

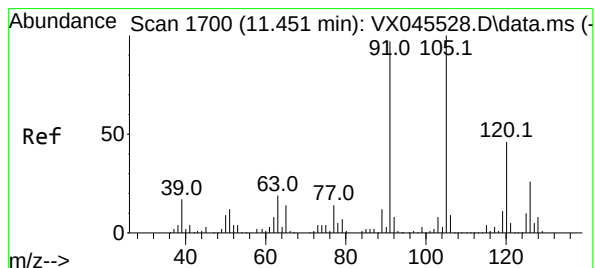
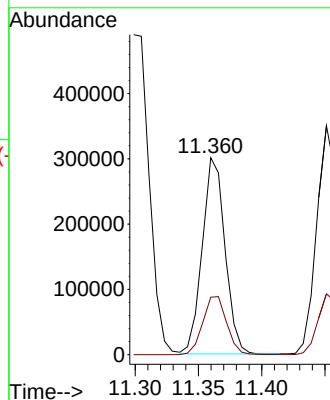
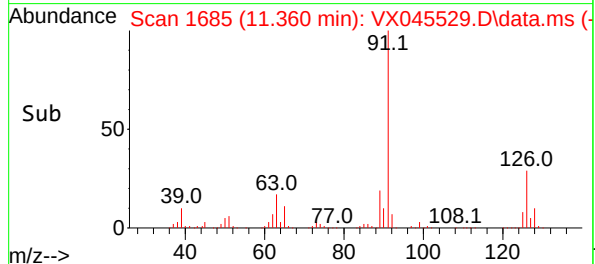
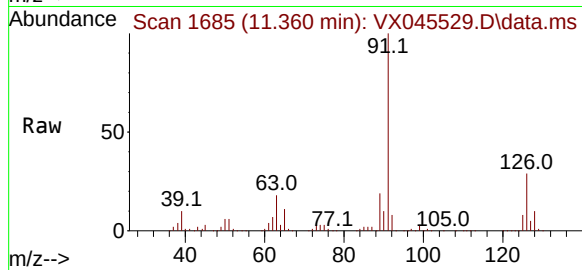
126 31.2 15.8 47.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#80

1,3,5-Trimethylbenzene

Concen: 101.675 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045529.D

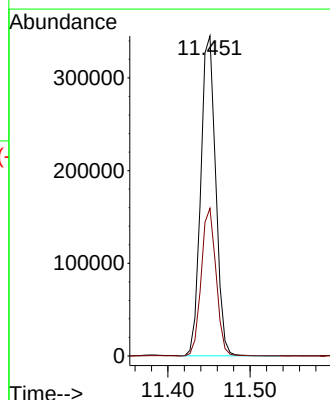
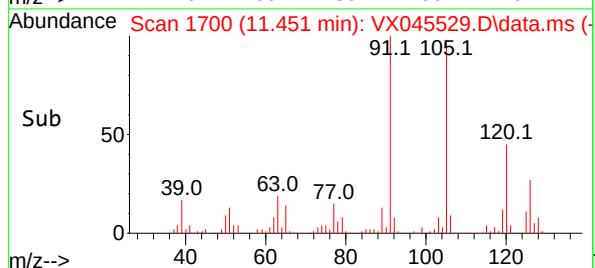
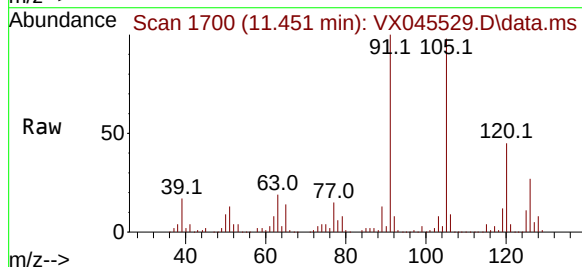
Acq: 01 Apr 2025 18:38

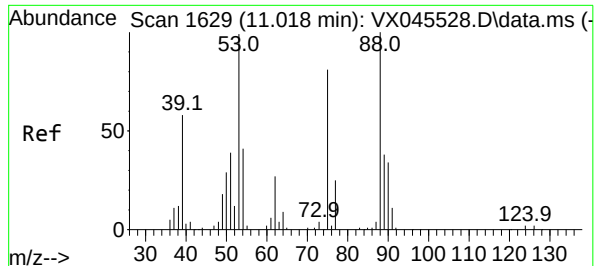
Tgt Ion:105 Resp: 435137

Ion Ratio Lower Upper

105 100

120 45.9 23.0 69.0





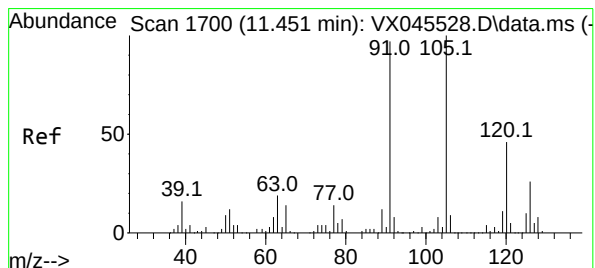
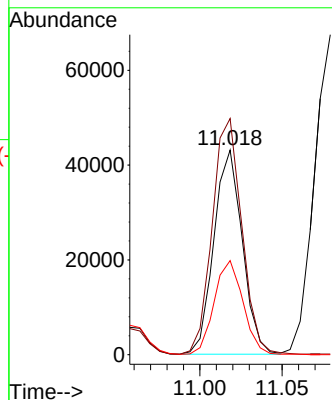
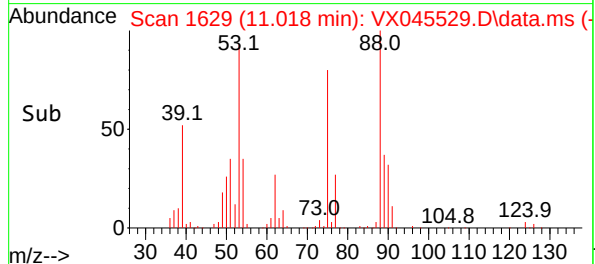
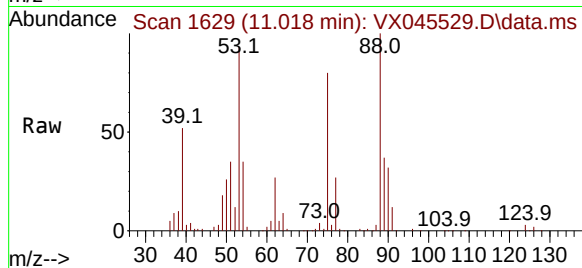
#81
trans-1,4-Dichloro-2-butene
Concen: 111.704 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 5187
Ion Ratio Lower Upper
75 100
53 119.5 101.8 152.6
89 46.9 37.2 55.8

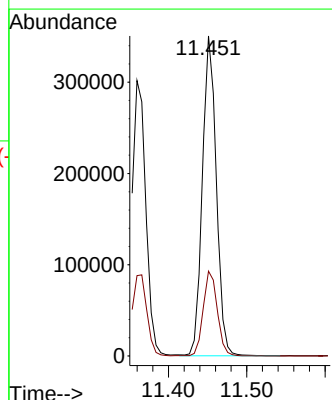
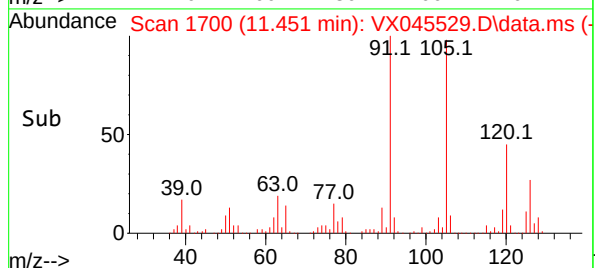
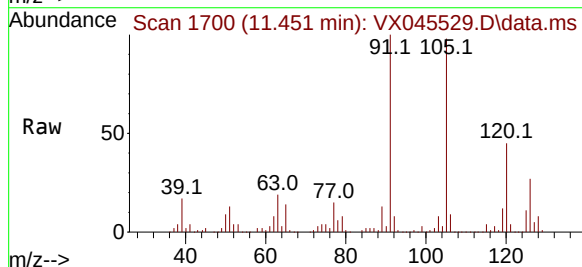
Manual Integrations
APPROVED

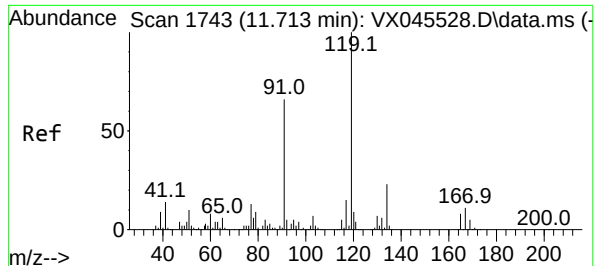
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#82
4-Chlorotoluene
Concen: 101.877 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

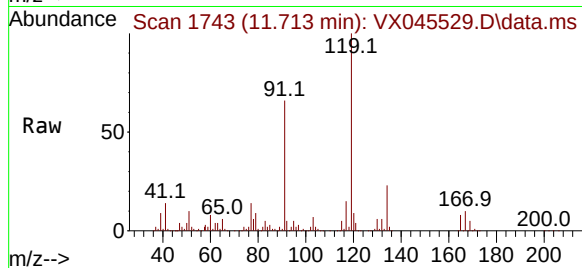
Tgt Ion: 91 Resp: 432884
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83
tert-Butylbenzene
Concen: 103.292 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

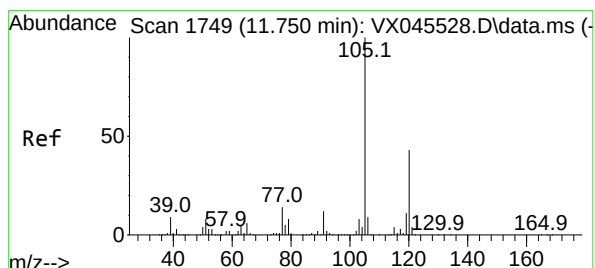
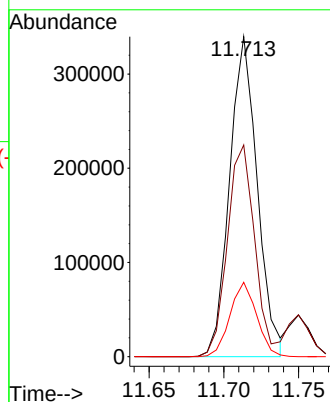
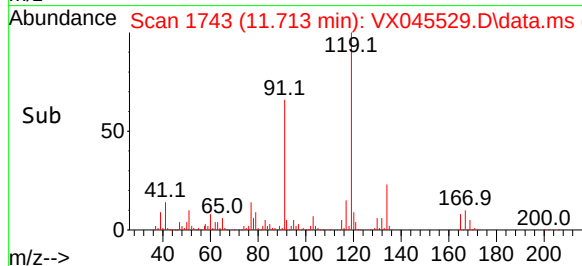
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



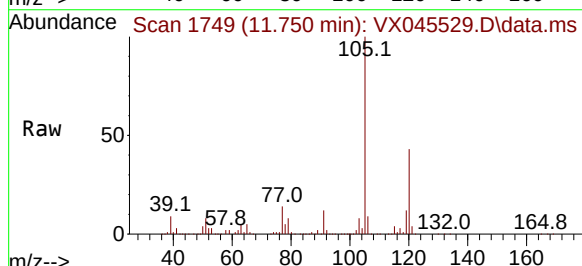
Tgt Ion:119 Resp: 437649
Ion Ratio Lower Upper
119 100
91 65.8 32.4 97.2
134 22.4 11.5 34.5

Manual Integrations
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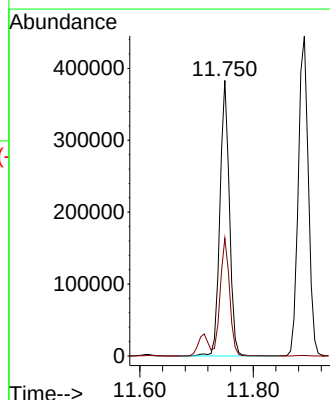
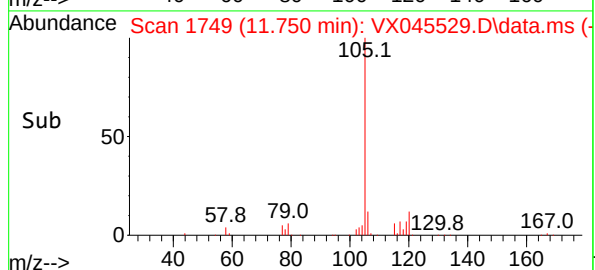
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

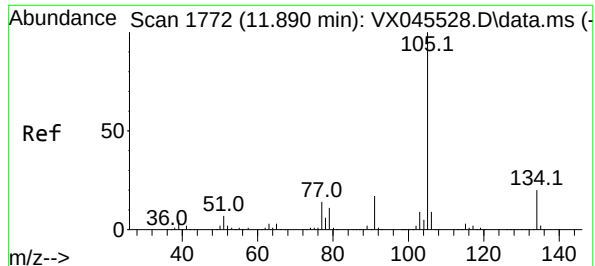


#84
1,2,4-Trimethylbenzene
Concen: 103.414 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38



Tgt Ion:105 Resp: 444211
Ion Ratio Lower Upper
105 100
120 42.4 21.4 64.3





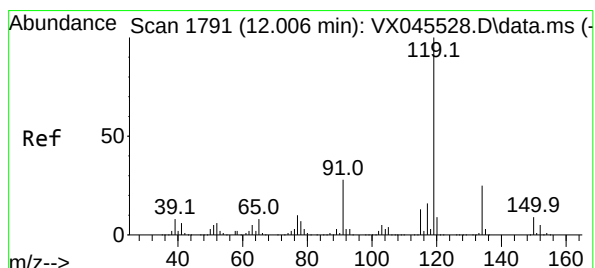
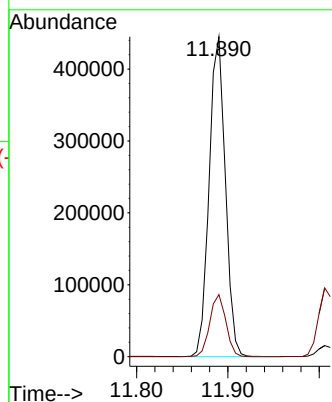
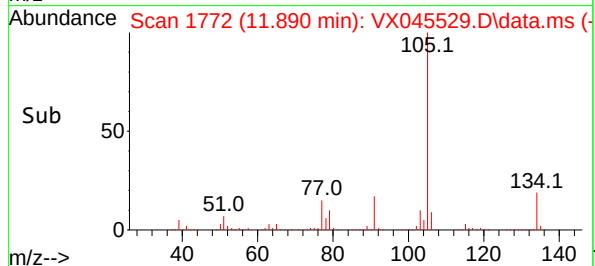
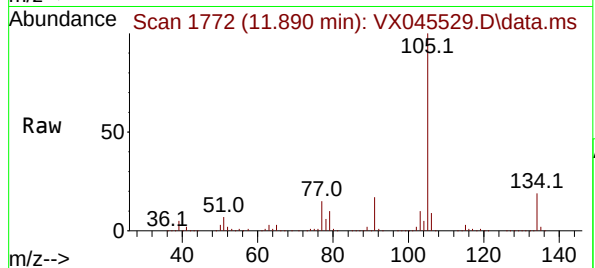
#85
sec-Butylbenzene
Concen: 105.082 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 54685
Ion Ratio Lower Upper
105 100
134 19.3 9.6 28.6

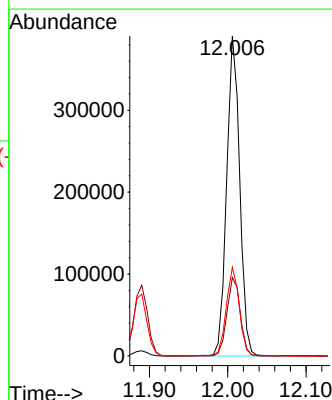
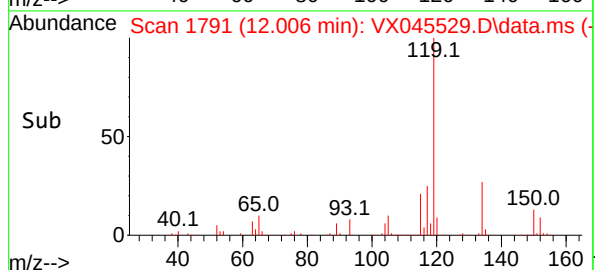
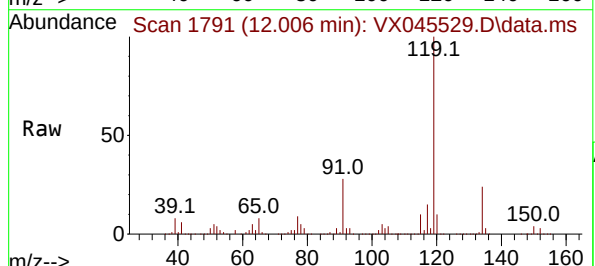
Manual Integrations
APPROVED

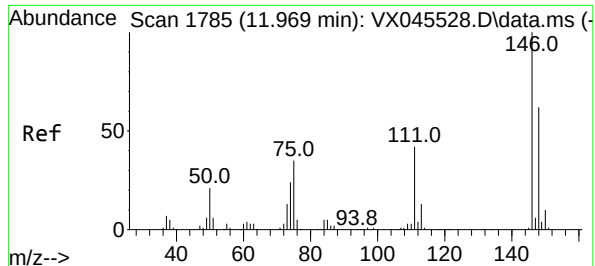
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#86
p-Isopropyltoluene
Concen: 105.609 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:119 Resp: 453109
Ion Ratio Lower Upper
119 100
134 25.1 12.6 37.8
91 27.4 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 101.749 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 22148

Ion Ratio Lower Upper

146 100

111 44.1 22.2 66.6

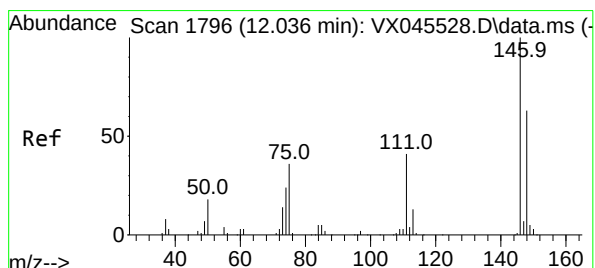
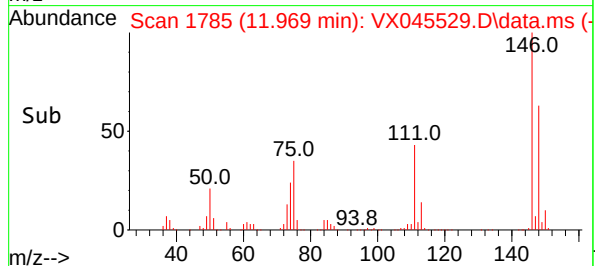
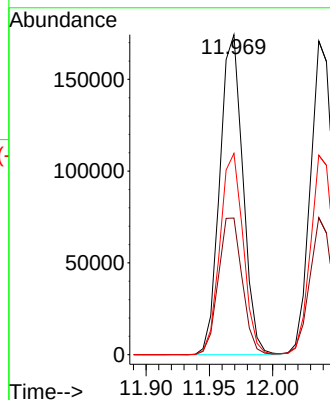
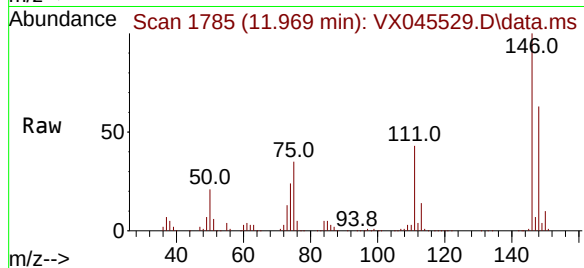
148 63.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#88

1,4-Dichlorobenzene

Concen: 98.047 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

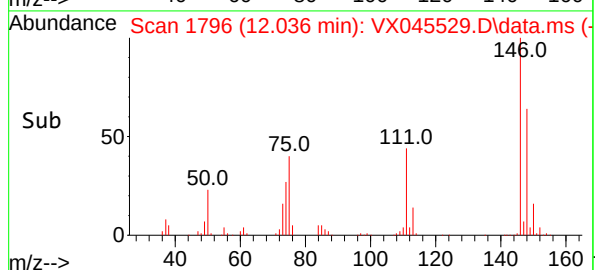
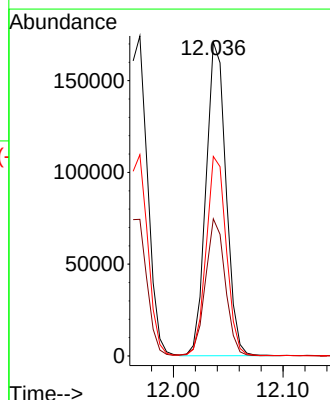
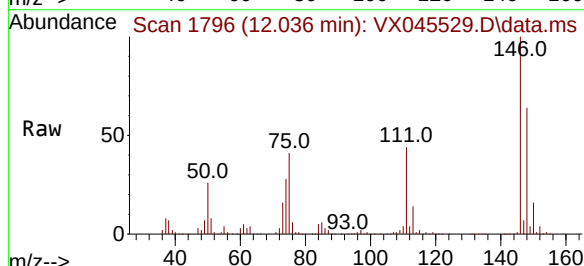
Tgt Ion:146 Resp: 216367

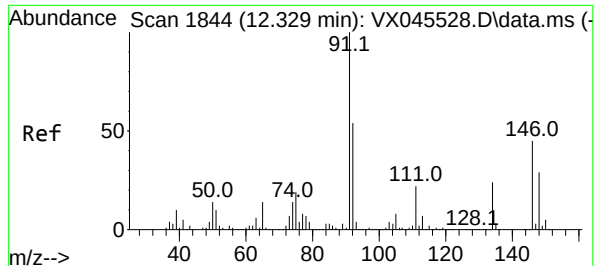
Ion Ratio Lower Upper

146 100

111 43.2 20.9 62.8

148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 113.075 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 420694

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.6

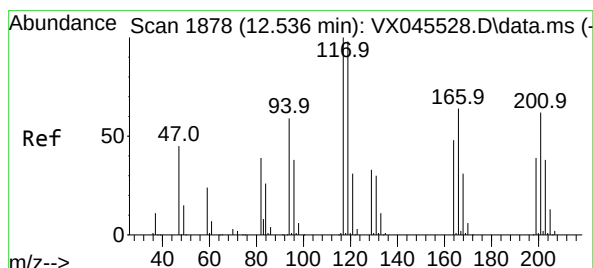
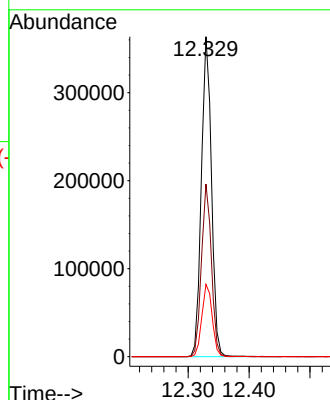
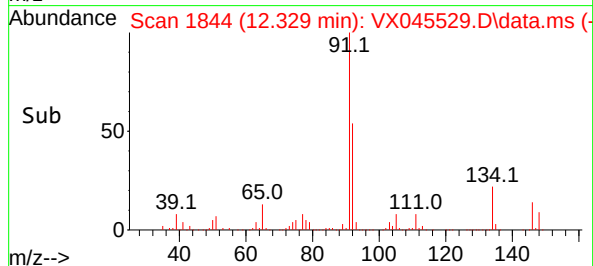
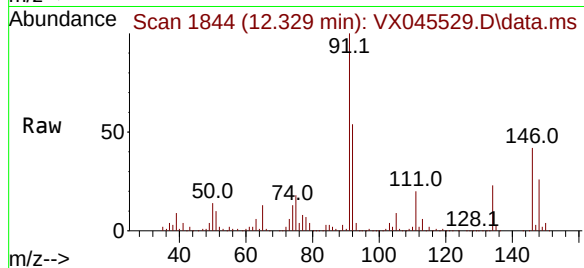
134 23.1 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#90

Hexachloroethane

Concen: 109.160 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045529.D

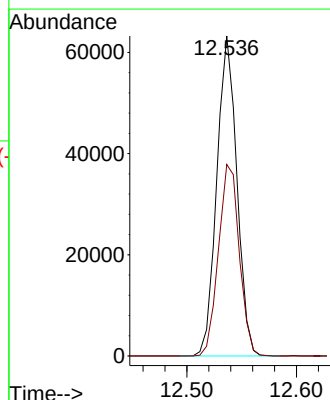
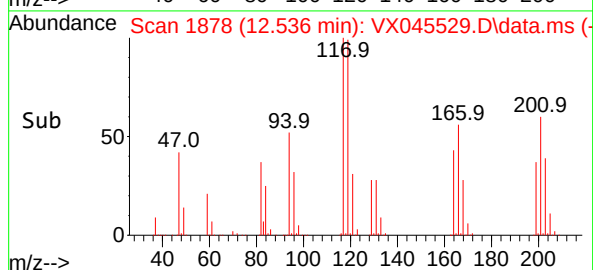
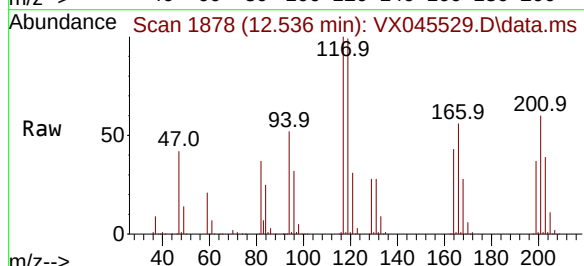
Acq: 01 Apr 2025 18:38

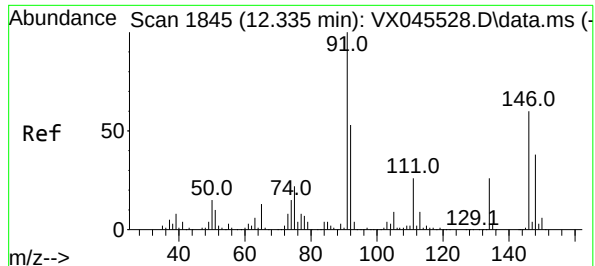
Tgt Ion:117 Resp: 80489

Ion Ratio Lower Upper

117 100

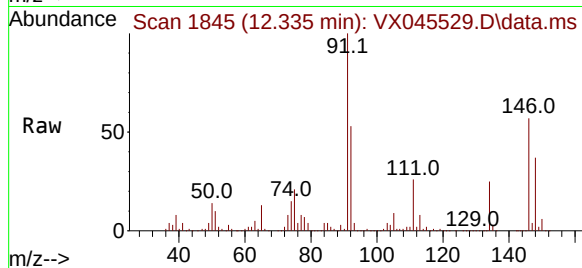
201 62.1 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 99.419 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

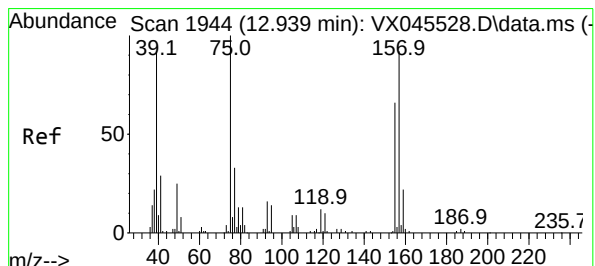
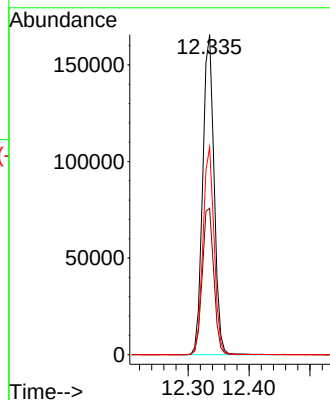
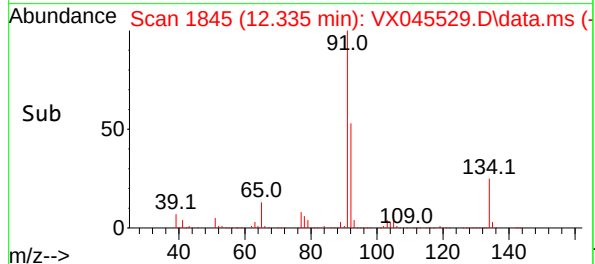
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 21515
Ion Ratio Lower Upper
146 100
111 46.6 22.9 68.8
148 63.7 31.9 95.5

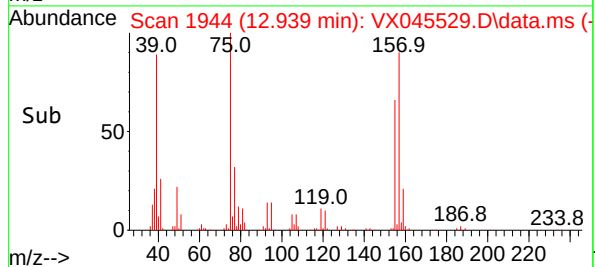
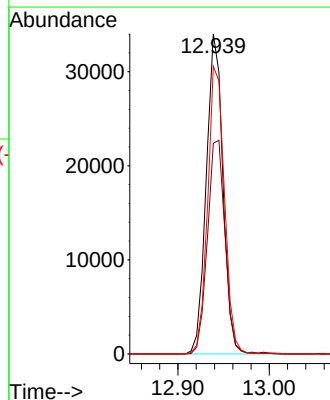
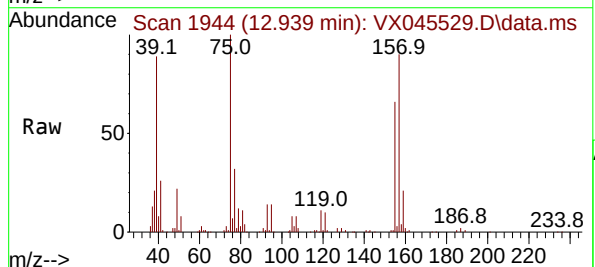
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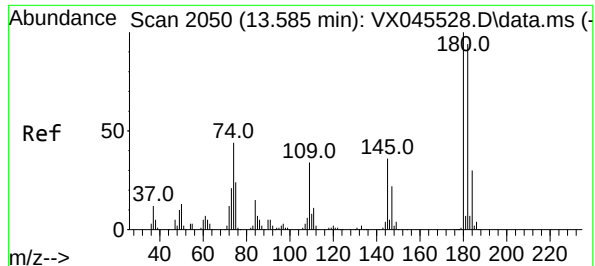
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 113.214 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 43047
Ion Ratio Lower Upper
75 100
155 70.2 34.9 104.7
157 90.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 112.106 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:180 Resp: 135040

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.6

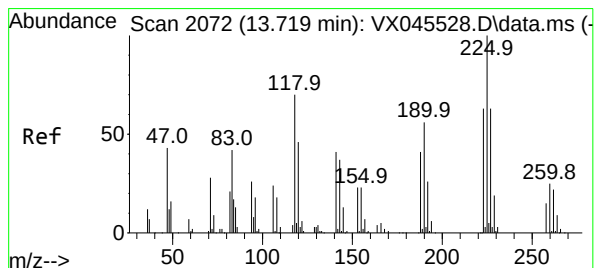
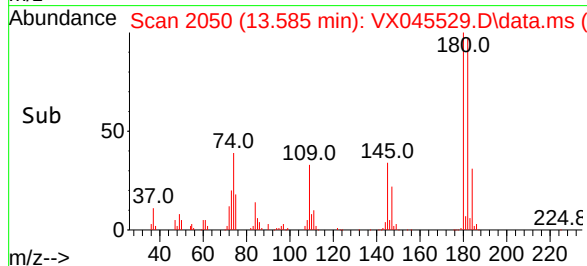
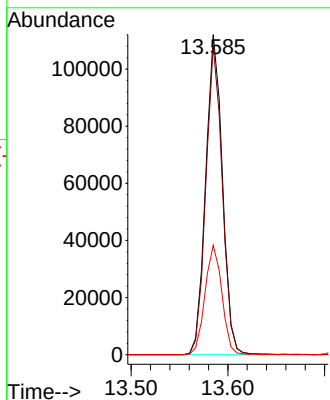
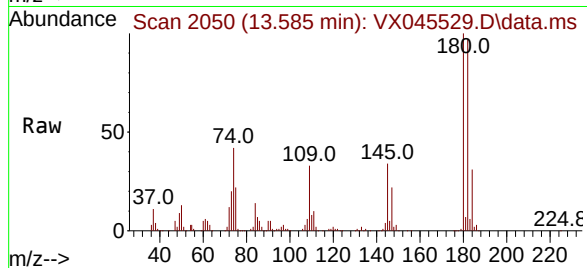
145 34.6 17.9 53.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#94

Hexachlorobutadiene

Concen: 103.326 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX045529.D

Acq: 01 Apr 2025 18:38

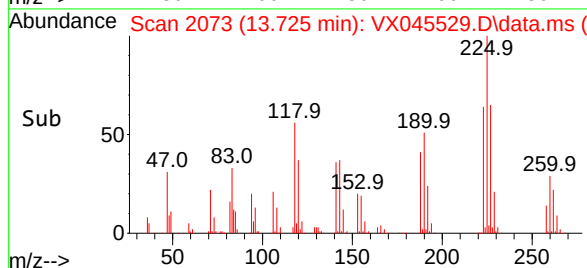
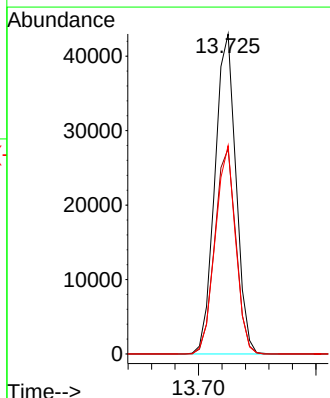
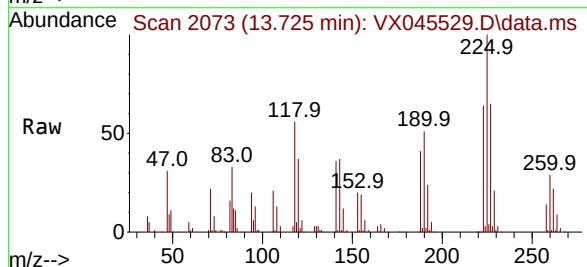
Tgt Ion:225 Resp: 53636

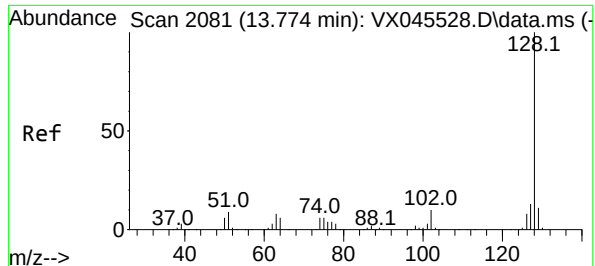
Ion Ratio Lower Upper

225 100

223 64.2 31.1 93.3

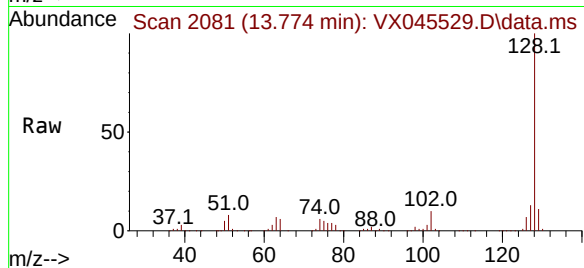
227 62.9 32.2 96.6





#95
Naphthalene
Concen: 111.473 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

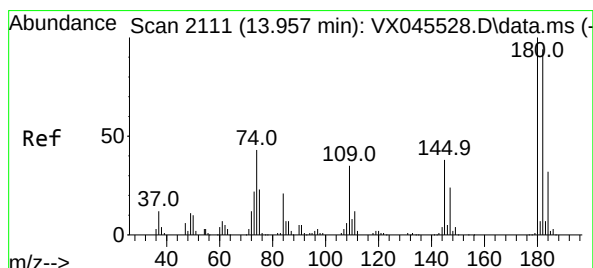
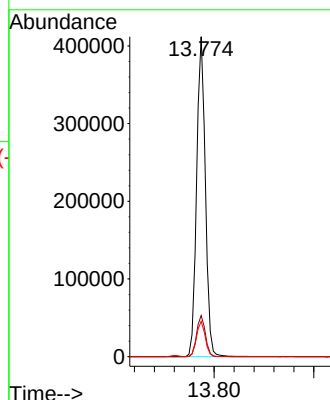
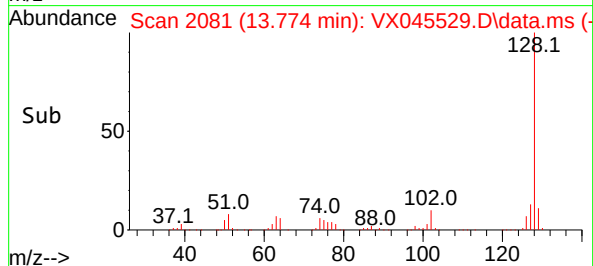
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 499719
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 12.8

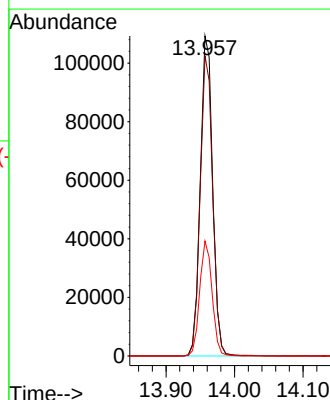
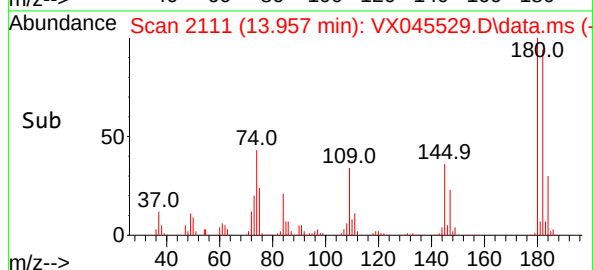
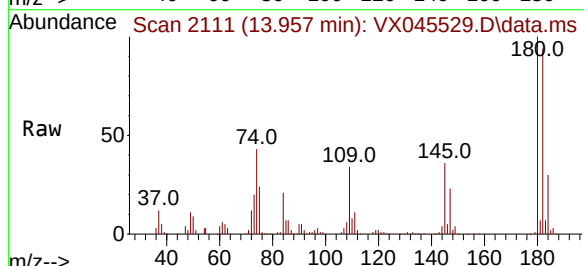
Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 108.869 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:180 Resp: 137328
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 36.0 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045530.D
 Acq On : 01 Apr 2025 19:02
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	90033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61380	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	252998	153.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 307.320%#			
35) Dibromofluoromethane	5.379	113	173598	152.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 305.780%#			
50) Toluene-d8	8.647	98	603264	152.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 304.440%#			
62) 4-Bromofluorobenzene	11.079	95	220921	153.035	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 306.060%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	221436	164.460	ug/l	100
3) Chloromethane	1.307	50	198321	143.373	ug/l	98
4) Vinyl Chloride	1.374	62	197096	155.697	ug/l	100
5) Bromomethane	1.593	94	88225	146.986	ug/l	97
6) Chloroethane	1.660	64	86251	128.421	ug/l	97
7) Trichlorofluoromethane	1.868	101	267098	141.495	ug/l	100
8) Diethyl Ether	2.136	74	96467	152.215	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	171118	154.698	ug/l	97
10) Methyl Iodide	2.441	142	202594	146.838	ug/l	99
11) Tert butyl alcohol	2.989	59	167769	758.202	ug/l	100
12) 1,1-Dichloroethene	2.307	96	166365	153.921	ug/l	97
13) Acrolein	2.239	56	232818	764.070	ug/l	100
14) Allyl chloride	2.654	41	313268	152.755	ug/l	99
15) Acrylonitrile	3.069	53	507965	727.247	ug/l	100
16) Acetone	2.386	43	479564	709.323	ug/l	99
17) Carbon Disulfide	2.502	76	443495	166.133	ug/l	99
18) Methyl Acetate	2.703	43	228558	146.832	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	598532	158.301	ug/l	99
20) Methylene Chloride	2.782	84	186382	147.254	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	170283	154.210	ug/l	98
22) Diisopropyl ether	3.764	45	636728	157.617	ug/l	94
23) Vinyl Acetate	3.721	43	2911326	834.120	ug/l	100
24) 1,1-Dichloroethane	3.605	63	349040	152.778	ug/l	99
25) 2-Butanone	4.556	43	740096	747.834	ug/l	99
26) 2,2-Dichloropropane	4.465	77	252063	170.765	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	205254	152.571	ug/l	98
28) Bromochloromethane	4.891	49	155600	140.938	ug/l	97
29) Tetrahydrofuran	5.001	42	475589	741.226	ug/l	100
30) Chloroform	5.087	83	353681	150.451	ug/l	98
31) Cyclohexane	5.458	56	310219	153.595	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	315136	158.426	ug/l	98
36) 1,1-Dichloropropene	5.684	75	239776	156.399	ug/l	98
37) Ethyl Acetate	4.715	43	294559	152.461	ug/l	99
38) Carbon Tetrachloride	5.672	117	266770	161.005	ug/l	99
39) Methylcyclohexane	7.373	83	303251	161.366	ug/l	96
40) Benzene	6.031	78	703311	150.208	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045530.D
 Acq On : 01 Apr 2025 19:02
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	164699	160.155	ug/l	98
42) 1,2-Dichloroethane	6.080	62	296168	153.146	ug/l	100
43) Isopropyl Acetate	6.336	43	475823	162.494	ug/l	99
44) Trichloroethene	7.117	130	170940	153.599	ug/l	95
45) 1,2-Dichloropropane	7.428	63	179457	153.610	ug/l	98
46) Dibromomethane	7.574	93	135415	150.996	ug/l	98
47) Bromodichloromethane	7.818	83	279881	156.272	ug/l	98
48) Methyl methacrylate	7.690	41	240818	159.281	ug/l	99
49) 1,4-Dioxane	7.659	88	74929	2739.196	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1414771	728.817	ug/l	99
52) Toluene	8.714	92	420015	148.245	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	267671	150.589	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	287973	171.104	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	163426	144.752	ug/l	98
56) Ethyl methacrylate	9.116	69	285895	163.624	ug/l	98
57) 1,3-Dichloropropane	9.305	76	288430	146.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	703881	796.340	ug/l	99
59) 2-Hexanone	9.433	43	1053971	733.198	ug/l	100
60) Dibromochloromethane	9.519	129	194342	157.895	ug/l	98
61) 1,2-Dibromoethane	9.610	107	174571	152.745	ug/l	99
64) Tetrachloroethene	9.269	164	138926	147.568	ug/l	98
65) Chlorobenzene	10.080	112	444631	156.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	156069	157.769	ug/l	99
67) Ethyl Benzene	10.189	91	821130	160.907	ug/l	99
68) m/p-Xylenes	10.299	106	583228	314.231	ug/l	99
69) o-Xylene	10.640	106	285670	156.241	ug/l	100
70) Styrene	10.653	104	480722	159.299	ug/l	99
71) Bromoform	10.799	173	126115	170.743	ug/l #	98
73) Isopropylbenzene	10.957	105	764406	155.475	ug/l	100
74) N-amyl acetate	10.842	43	408934	173.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	249980	144.737	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	215694m	144.064	ug/l	
77) Bromobenzene	11.195	156	171573	151.033	ug/l	99
78) n-propylbenzene	11.305	91	897084	158.408	ug/l	100
79) 2-Chlorotoluene	11.360	91	537263	148.399	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	620819	152.700	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	78805	178.636	ug/l	93
82) 4-Chlorotoluene	11.451	91	615594	152.505	ug/l	99
83) tert-Butylbenzene	11.713	119	627039	155.783	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	629704	154.317	ug/l	100
85) sec-Butylbenzene	11.890	105	790355	159.869	ug/l	100
86) p-Isopropyltoluene	12.006	119	641521	157.397	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	314077	151.885	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	314197	149.876	ug/l	99
89) n-Butylbenzene	12.329	91	604445	171.019	ug/l	100
90) Hexachloroethane	12.536	117	121761	173.829	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	307031	149.342	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64317	178.062	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	199365	174.213	ug/l	99
94) Hexachlorobutadiene	13.725	225	77792	157.752	ug/l	99
95) Naphthalene	13.774	128	733300	172.191	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	201989	168.562	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

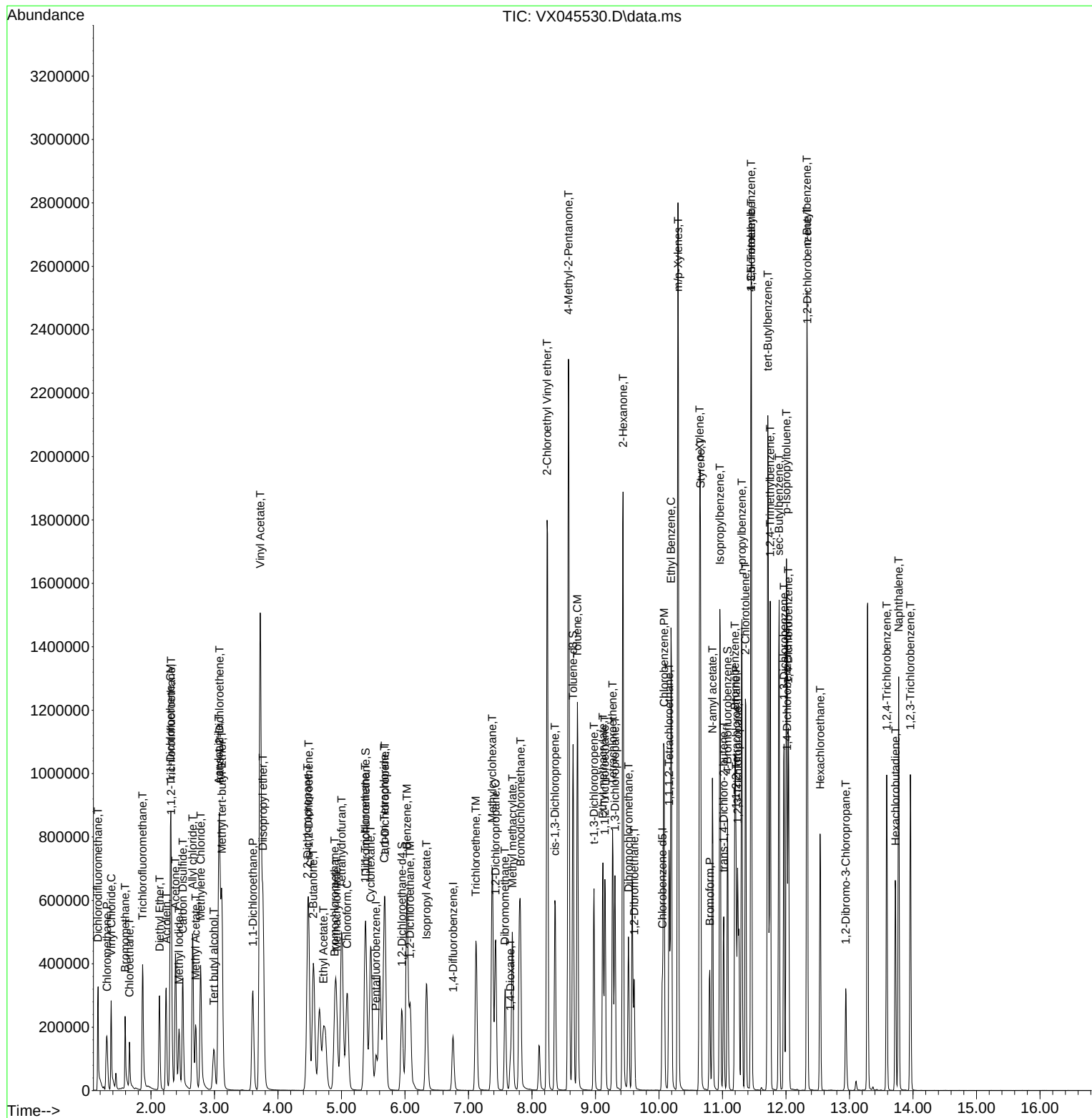
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 Acq On : 01 Apr 2025 19:02
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

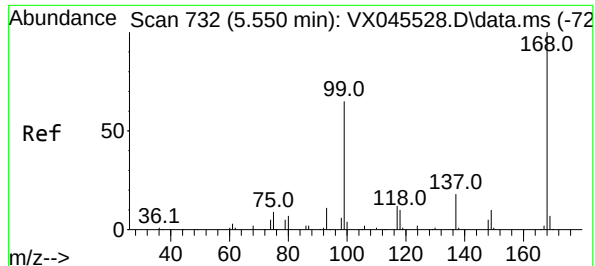
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration





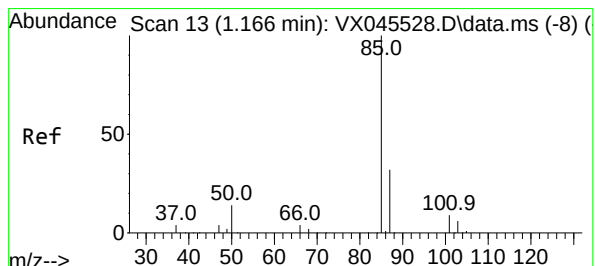
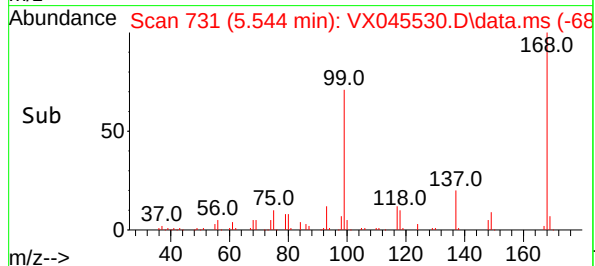
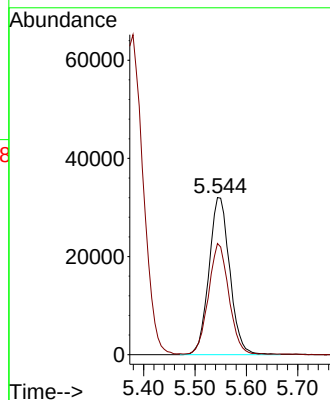
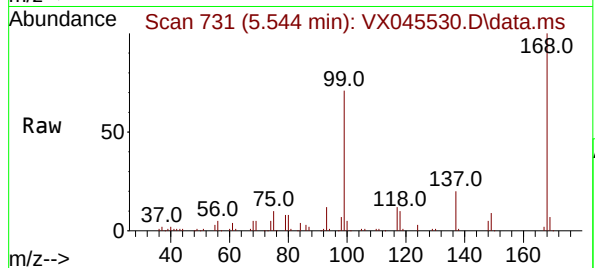
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 9003
Ion Ratio Lower Upper
168 100
99 70.3 52.3 78.5

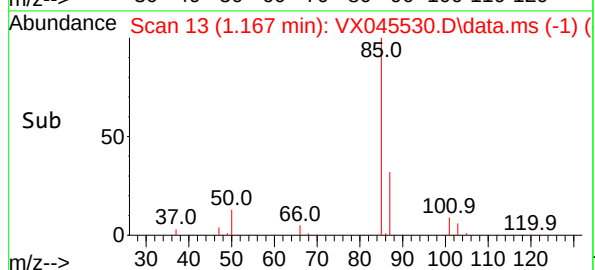
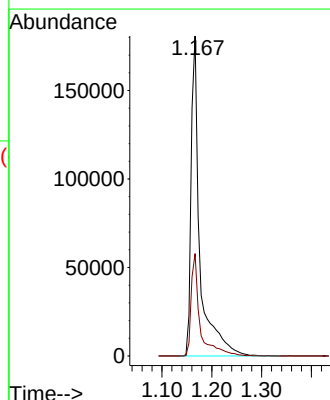
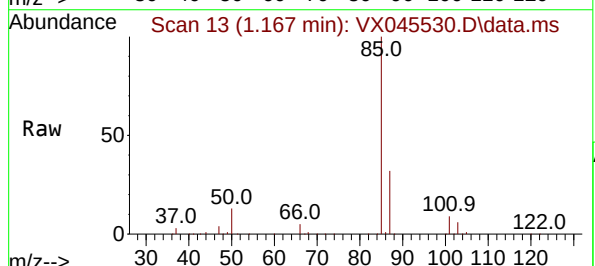
Manual Integrations
APPROVED

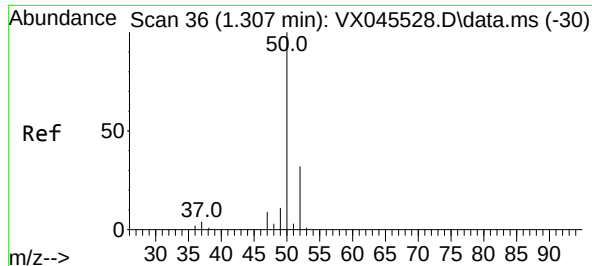
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 164.460 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 85 Resp: 221436
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2





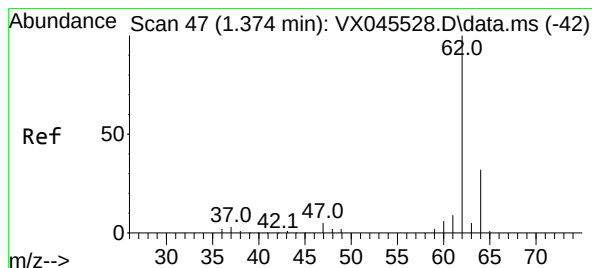
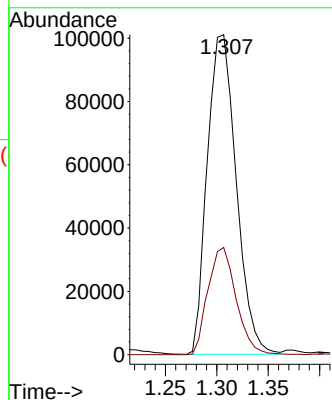
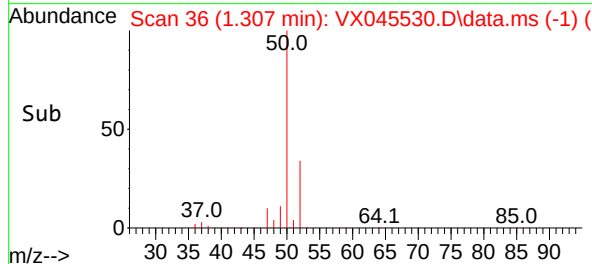
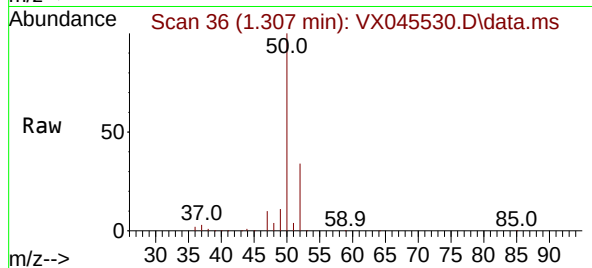
#3
Chloromethane
Concen: 143.373 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 19832
Ion Ratio Lower Upper
50 100
52 33.6 25.9 38.9

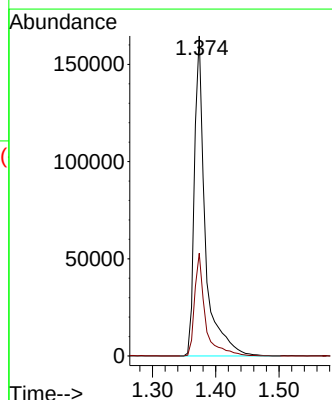
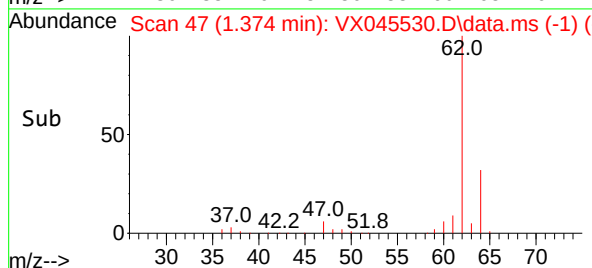
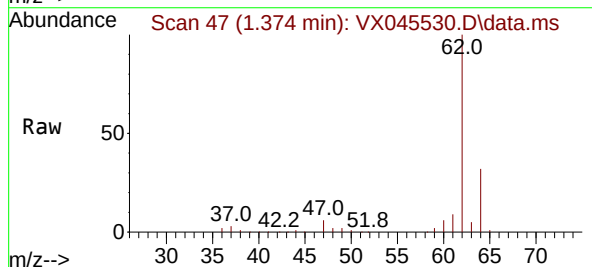
Manual Integrations
APPROVED

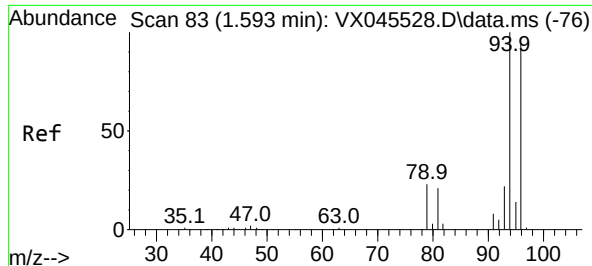
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 155.697 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 62 Resp: 197096
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3





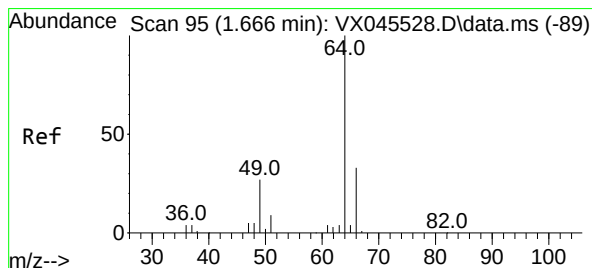
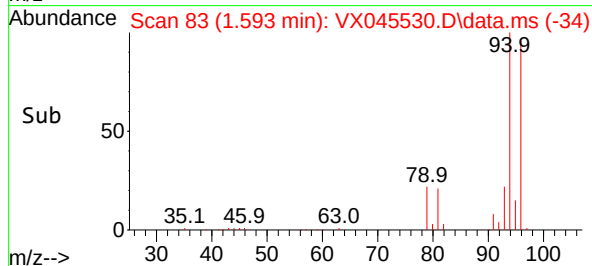
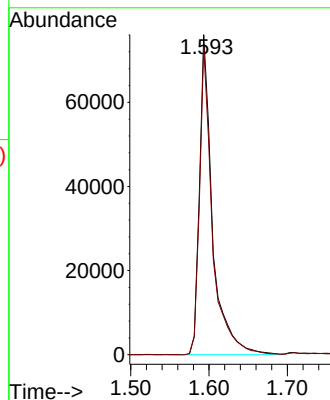
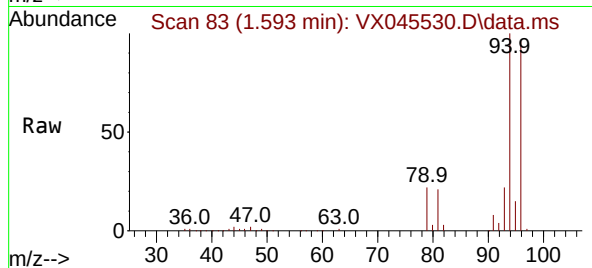
#5
Bromomethane
Concen: 146.986 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 88225
Ion Ratio Lower Upper
94 100
96 96.1 74.8 112.2

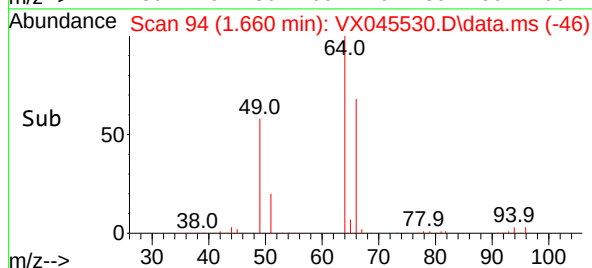
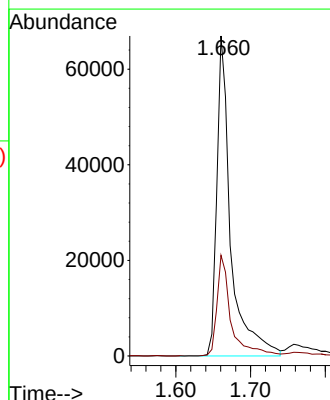
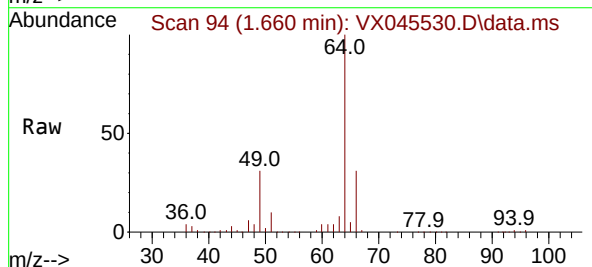
Manual Integrations
APPROVED

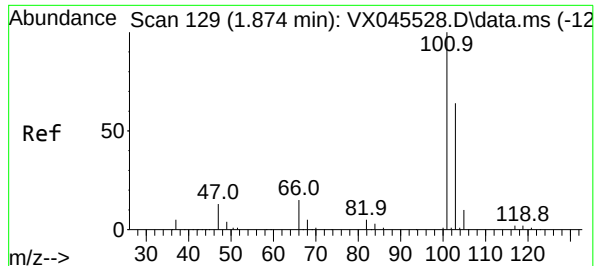
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 128.421 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

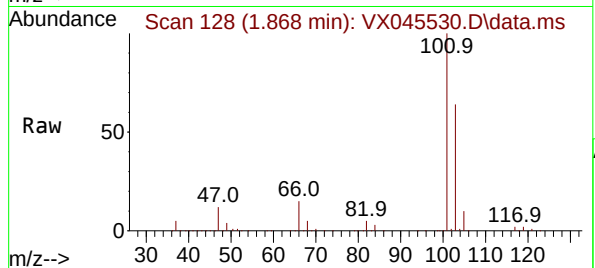
Tgt Ion: 64 Resp: 86251
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 141.495 ug/l
RT: 1.868 min Scan# 129
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

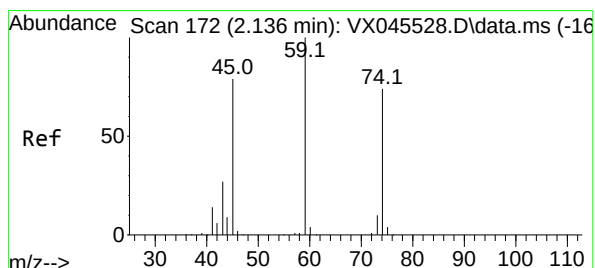
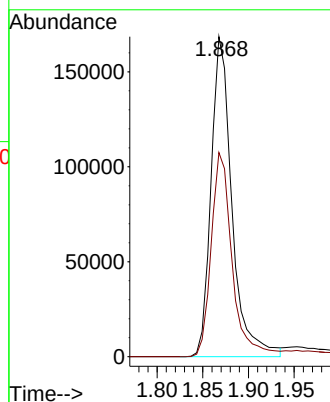
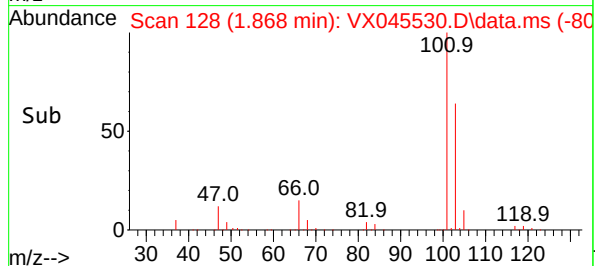
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 267098
Ion Ratio Lower Upper
101 100
103 63.8 51.1 76.7

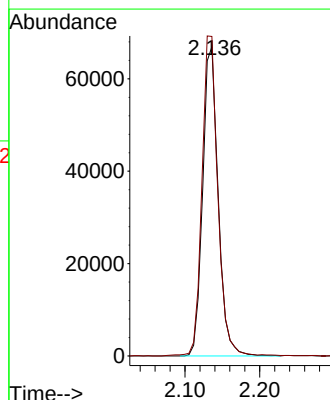
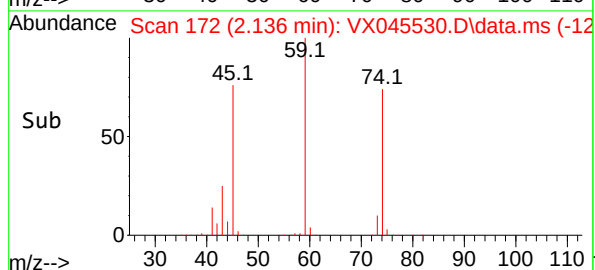
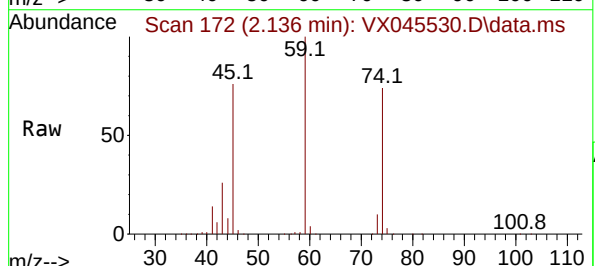
Manual Integrations
APPROVED

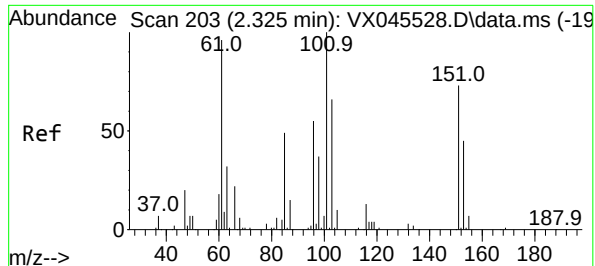
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#8
Diethyl Ether
Concen: 152.215 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 74 Resp: 96467
Ion Ratio Lower Upper
74 100
45 105.8 53.0 159.1





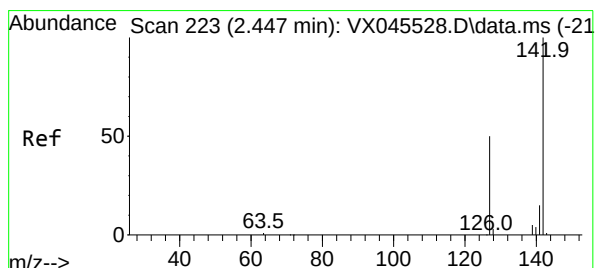
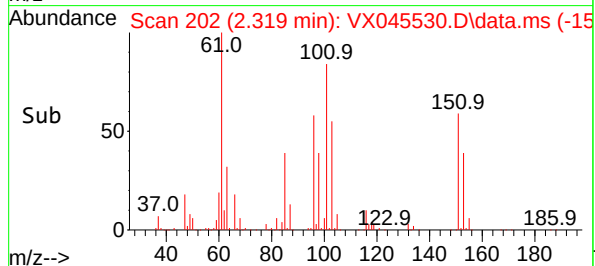
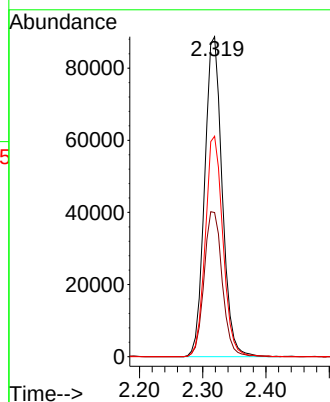
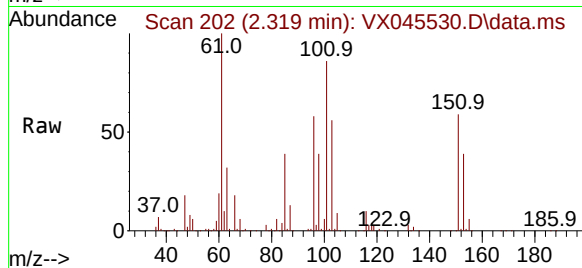
#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.698 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 171118
Ion Ratio Lower Upper
101 100
85 46.9 38.9 58.3
151 69.3 57.5 86.3

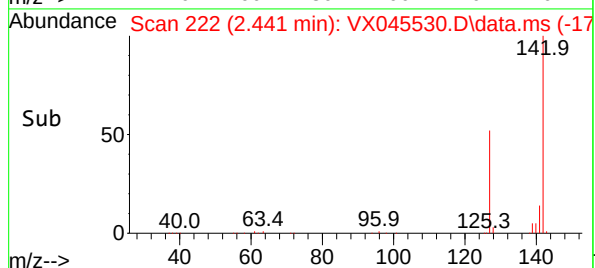
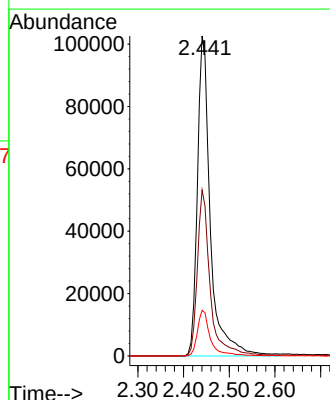
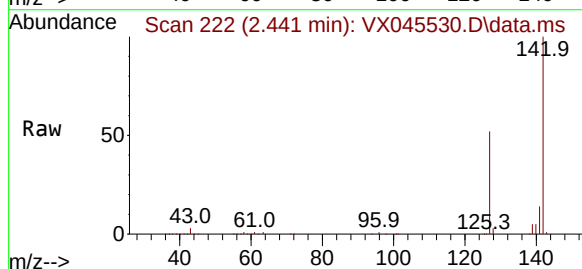
Manual Integrations
APPROVED

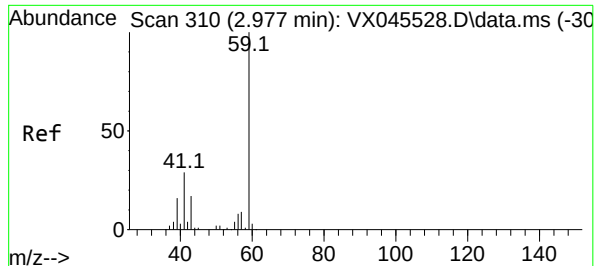
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 146.838 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

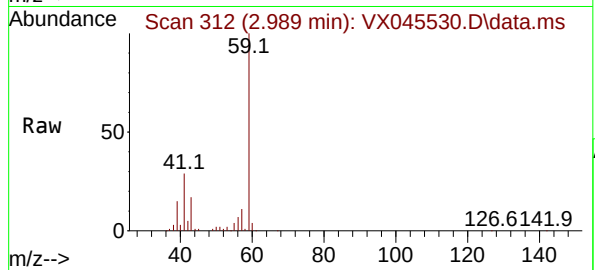
Tgt Ion:142 Resp: 202594
Ion Ratio Lower Upper
142 100
127 51.2 40.2 60.4
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 758.202 ug/l
RT: 2.989 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

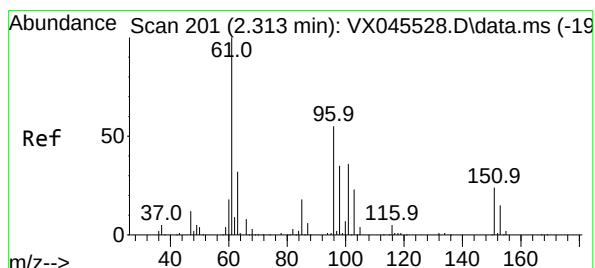
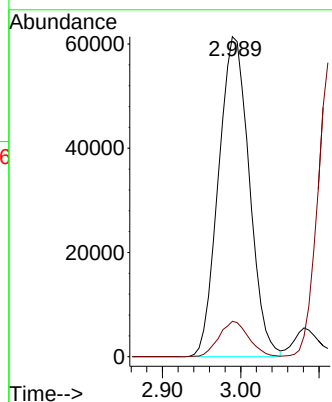
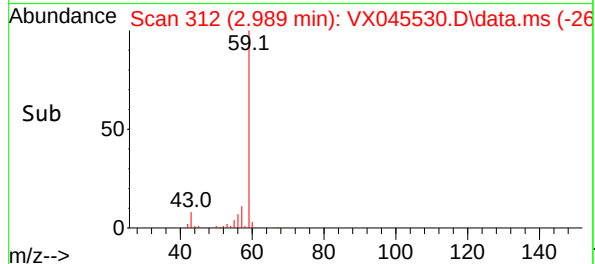
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 59 Resp: 167769
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

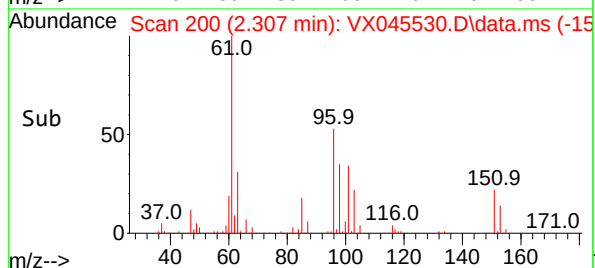
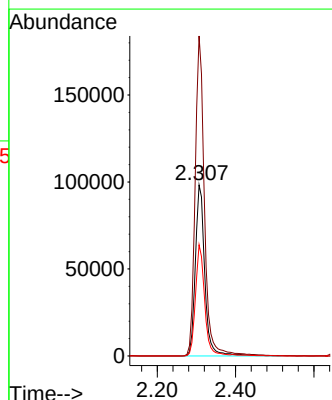
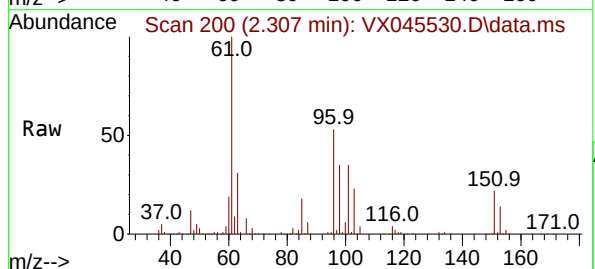
Manual Integrations
APPROVED

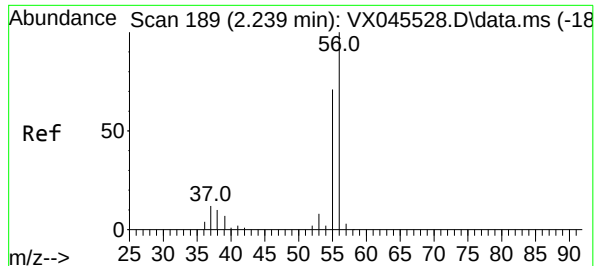
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#12
1,1-Dichloroethene
Concen: 153.921 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 96 Resp: 166365
Ion Ratio Lower Upper
96 100
61 187.0 145.7 218.5
98 65.0 51.6 77.4





#13

Acrolein

Concen: 764.070 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 232818

Ion Ratio Lower Upper

56 100

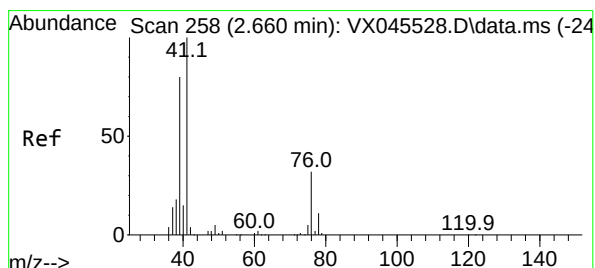
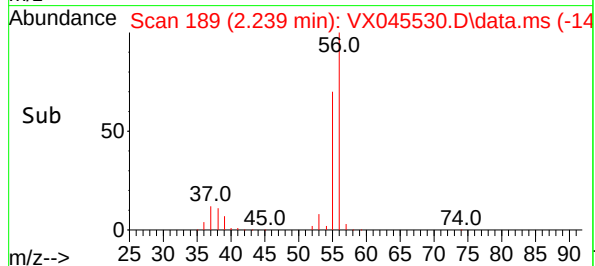
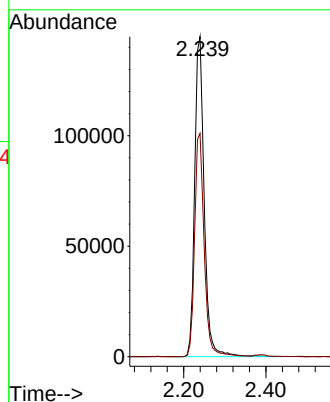
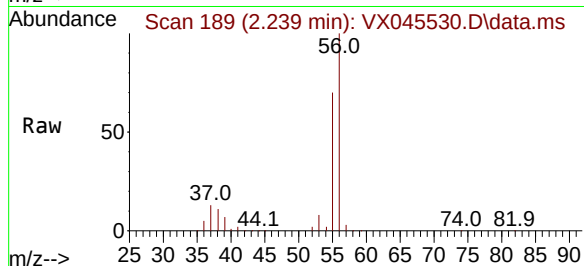
55 70.2 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#14

Allyl chloride

Concen: 152.755 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

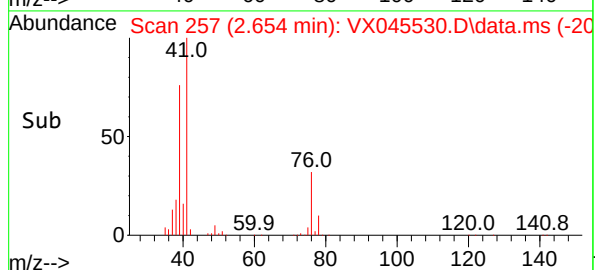
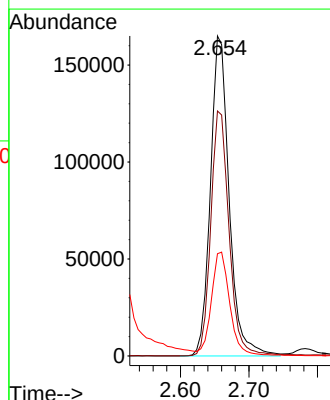
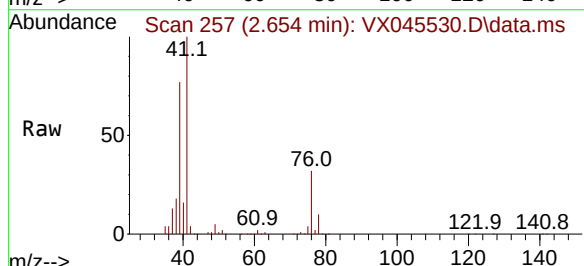
Tgt Ion: 41 Resp: 313268

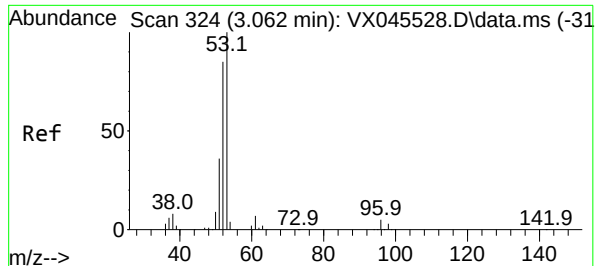
Ion Ratio Lower Upper

41 100

39 75.0 60.2 90.2

76 32.2 24.6 36.8





#15

Acrylonitrile

Concen: 727.247 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 53 Resp: 50796

Ion Ratio Lower Upper

53 100

52 83.8 67.4 101.2

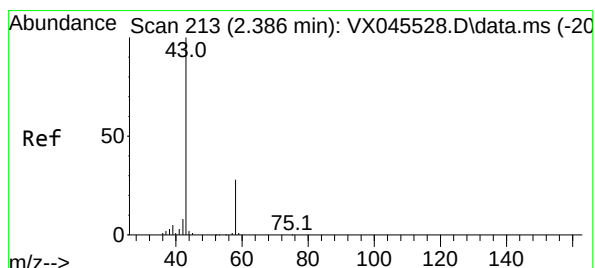
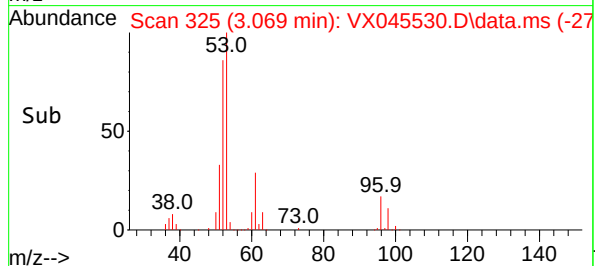
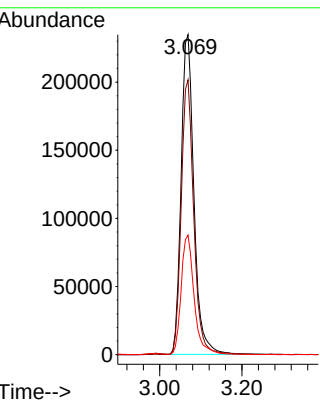
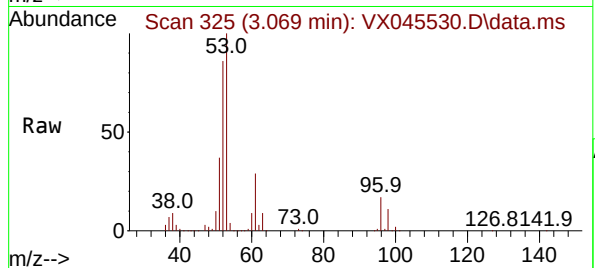
51 37.7 29.9 44.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#16

Acetone

Concen: 709.323 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045530.D

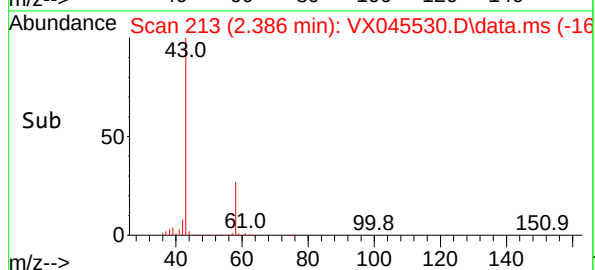
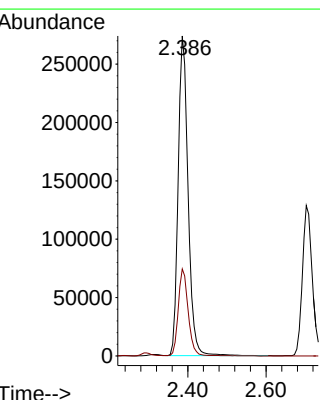
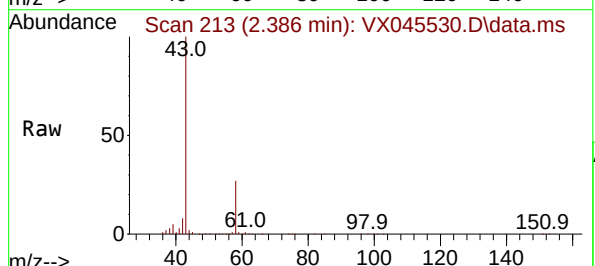
Acq: 01 Apr 2025 19:02

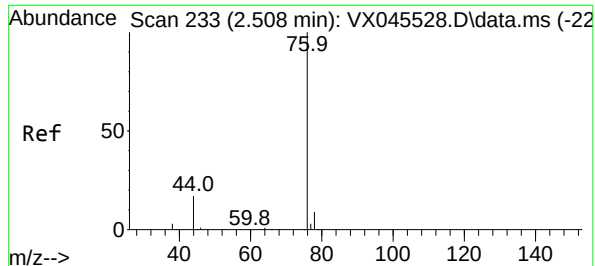
Tgt Ion: 43 Resp: 479564

Ion Ratio Lower Upper

43 100

58 27.2 22.3 33.5





#17

Carbon Disulfide

Concen: 166.133 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Tgt Ion: 76 Resp: 44349

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

Instrument :

MSVOA_X

ClientSampleId :

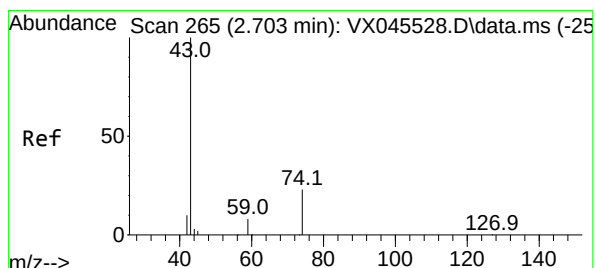
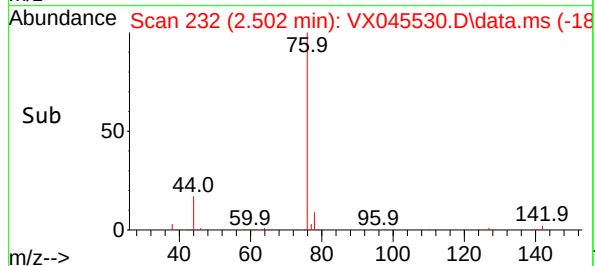
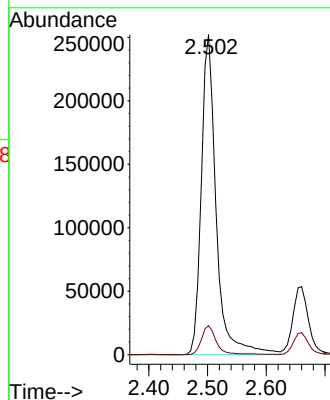
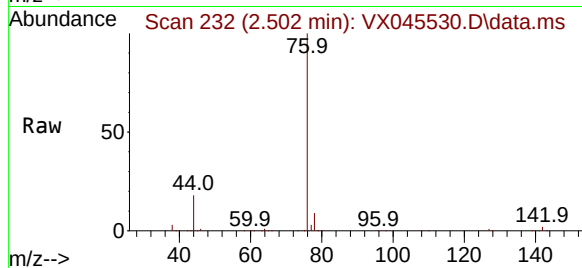
VSTDIC150

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#18

Methyl Acetate

Concen: 146.832 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045530.D

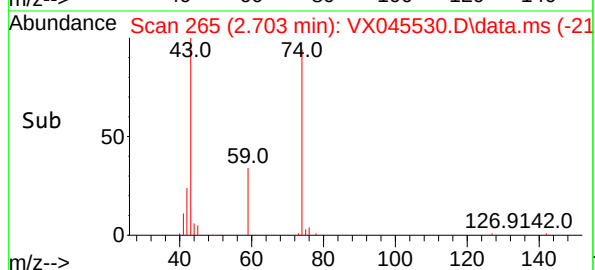
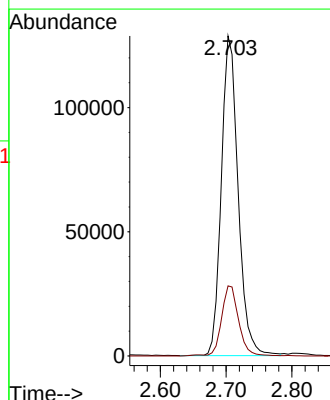
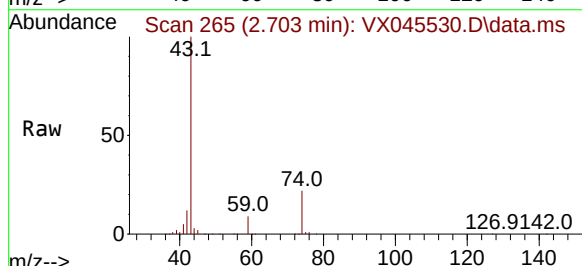
Acq: 01 Apr 2025 19:02

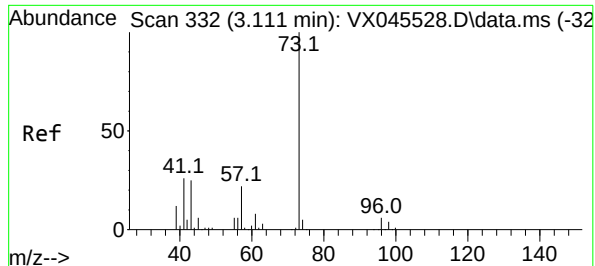
Tgt Ion: 43 Resp: 228558

Ion Ratio Lower Upper

43 100

74 22.4 17.5 26.3





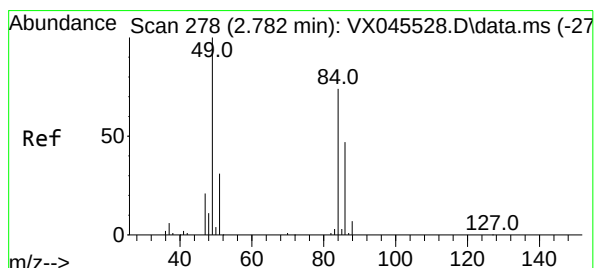
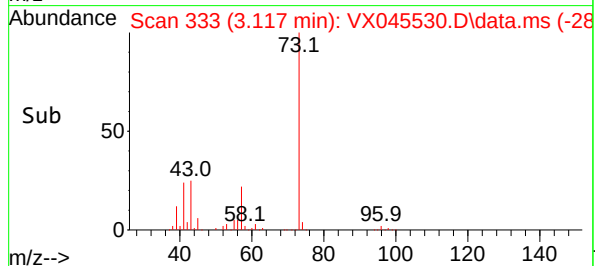
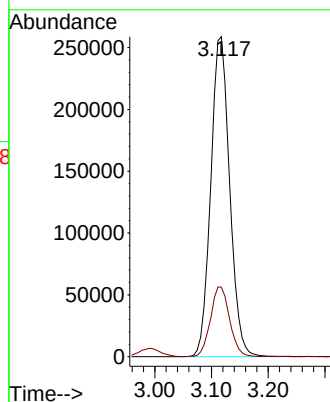
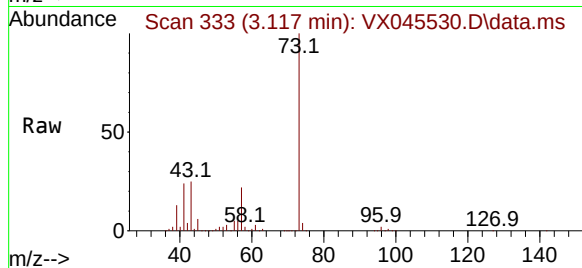
#19
Methyl tert-butyl Ether
Concen: 158.301 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 598532
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

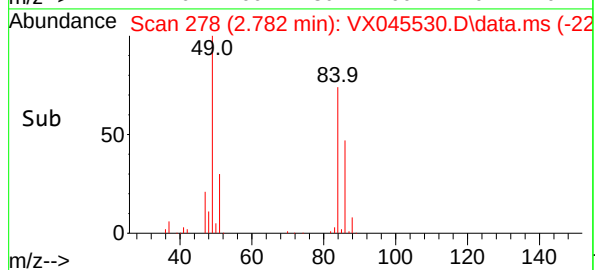
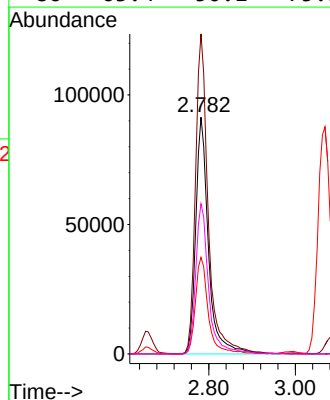
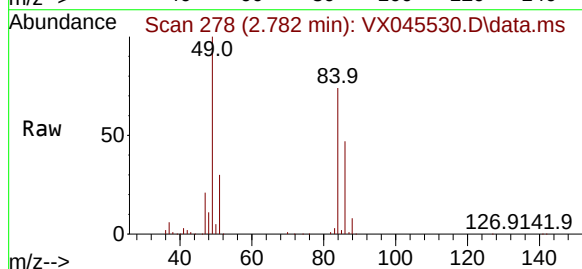
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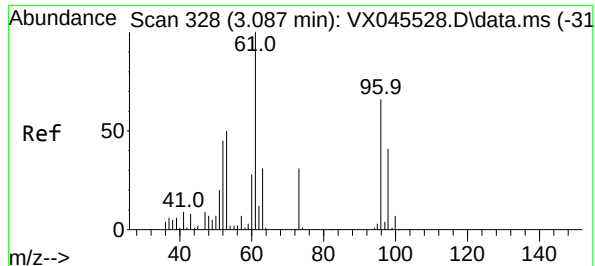
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#20
Methylene Chloride
Concen: 147.254 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

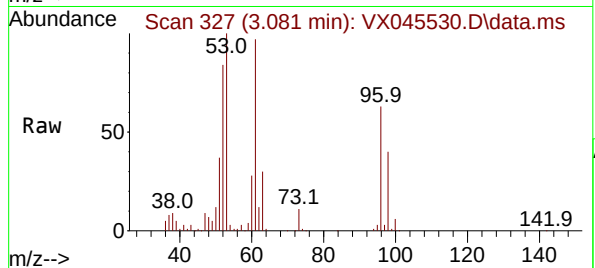
Tgt Ion: 84 Resp: 186382
Ion Ratio Lower Upper
84 100
49 135.1 107.5 161.3
51 40.8 33.0 49.6
86 63.4 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 154.210 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

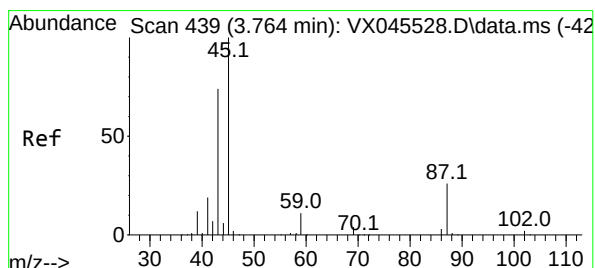
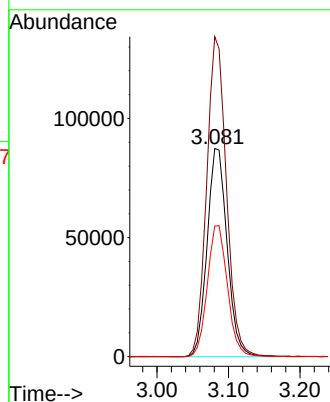
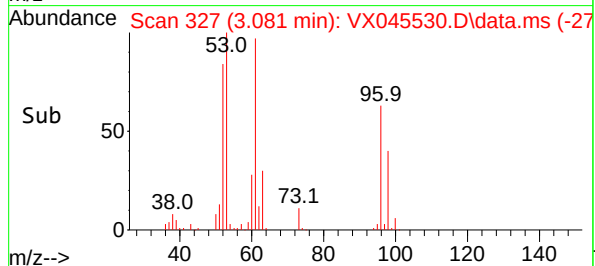
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 17028
Ion Ratio Lower Upper
96 100
61 153.7 121.0 181.6
98 62.7 49.7 74.5

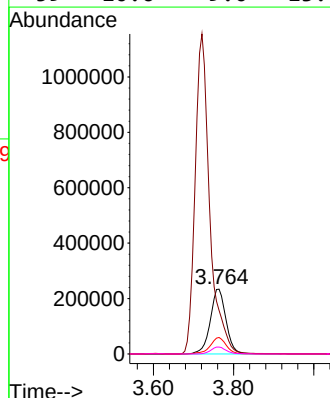
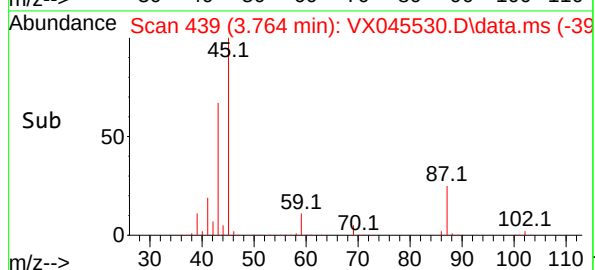
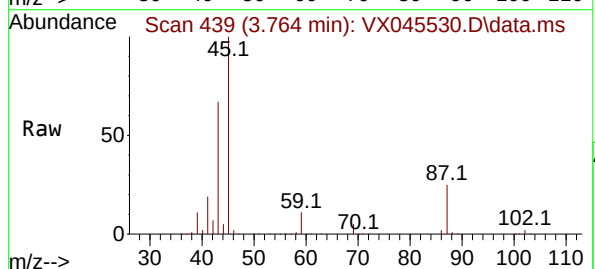
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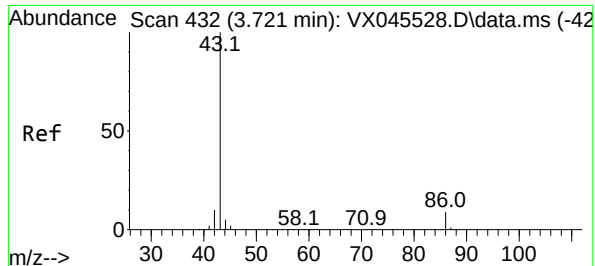
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#22
Diisopropyl ether
Concen: 157.617 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 45 Resp: 636728
Ion Ratio Lower Upper
45 100
43 67.0 59.3 88.9
87 25.5 20.4 30.6
59 10.6 9.0 13.6





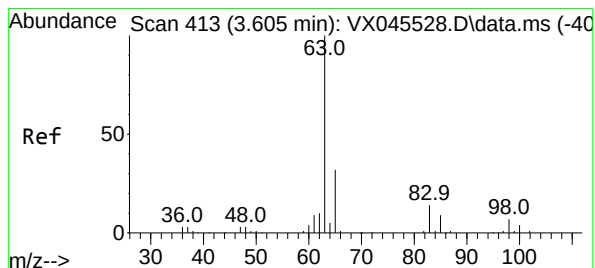
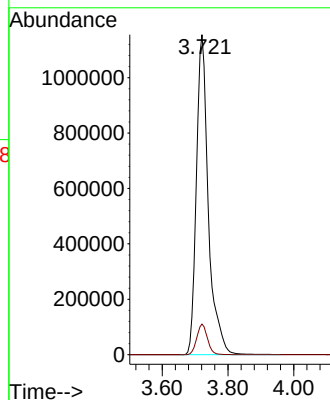
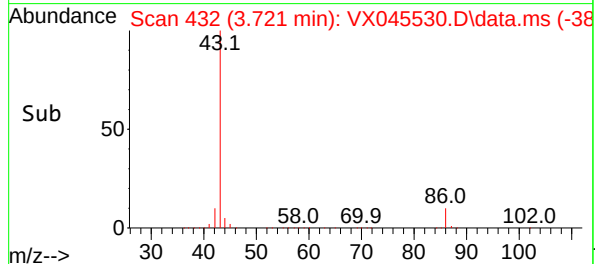
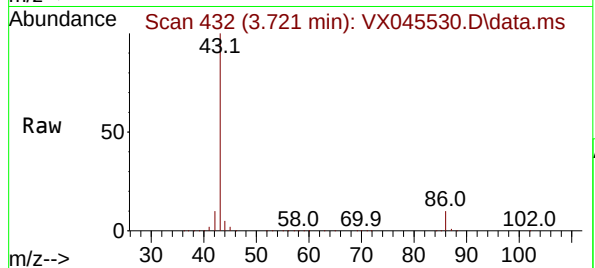
#23
Vinyl Acetate
Concen: 834.120 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2911320
Ion Ratio Lower Upper
43 100
86 9.6 7.5 11.3

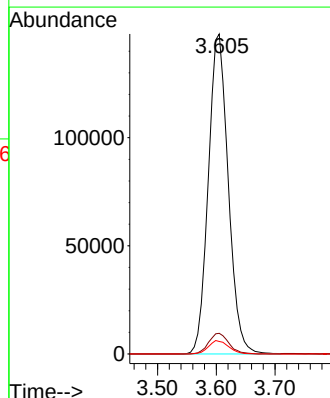
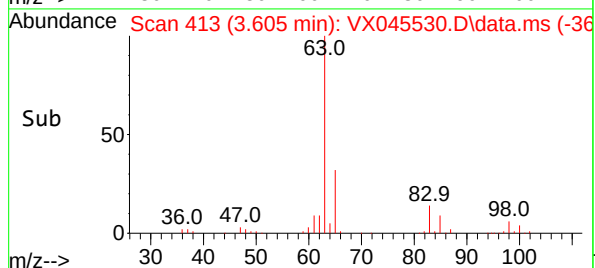
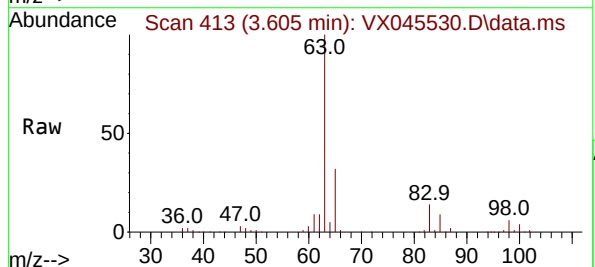
Manual Integrations
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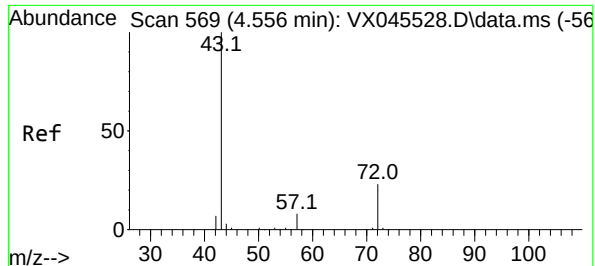
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#24
1,1-Dichloroethane
Concen: 152.778 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 63 Resp: 349040
Ion Ratio Lower Upper
63 100
98 6.4 3.4 10.1
100 3.9 2.2 6.6





#25

2-Butanone

Concen: 747.834 ug/l

RT: 4.556 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 740090

Ion Ratio Lower Upper

43 100

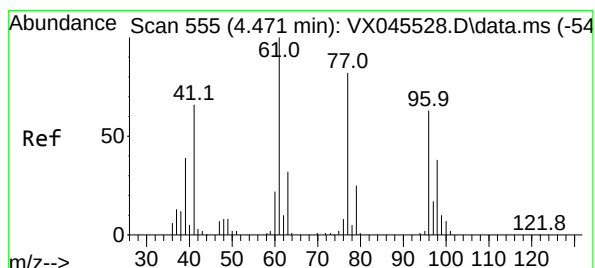
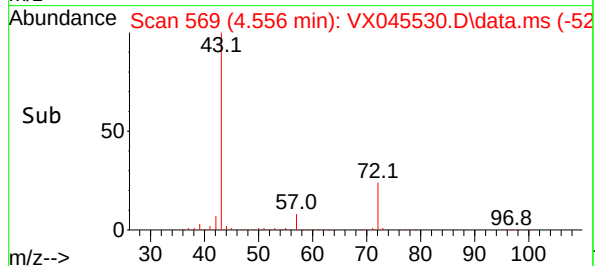
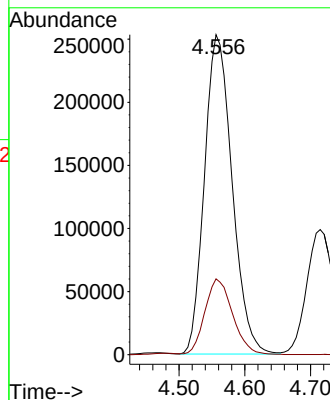
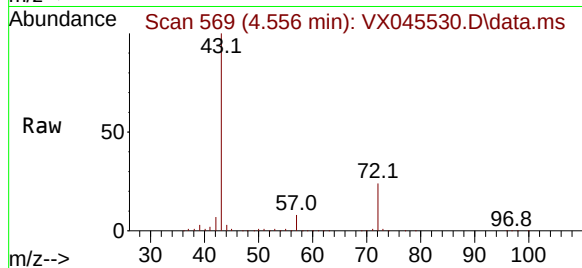
72 23.6 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#26

2,2-Dichloropropane

Concen: 170.765 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX045530.D

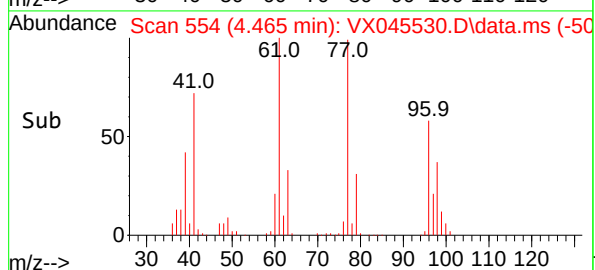
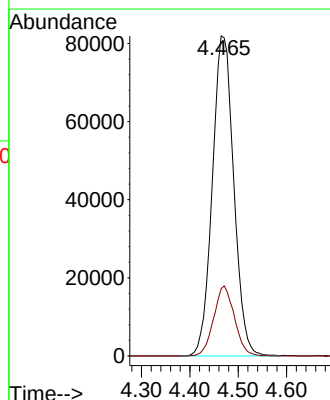
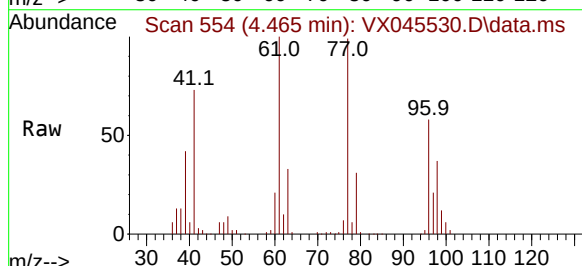
Acq: 01 Apr 2025 19:02

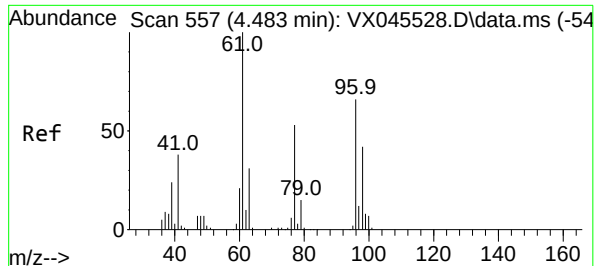
Tgt Ion: 77 Resp: 252063

Ion Ratio Lower Upper

77 100

97 21.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 152.571 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 205254

Ion Ratio Lower Upper

96 100

61 158.2 0.0 313.2

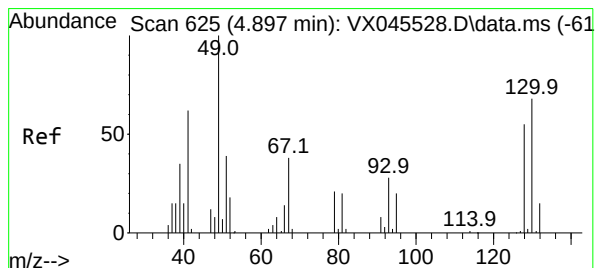
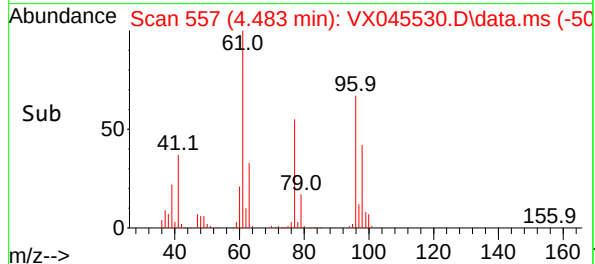
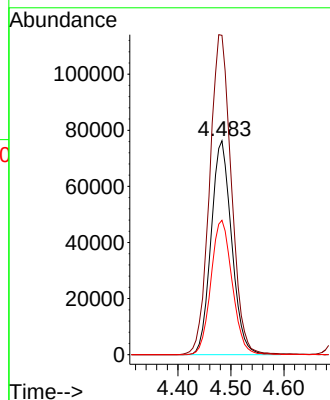
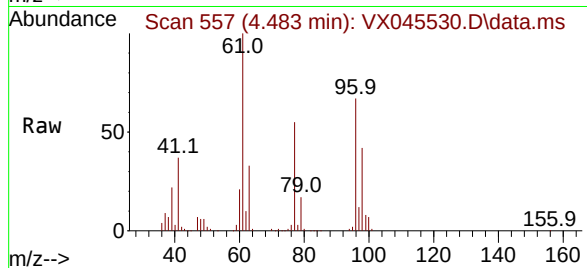
98 64.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 140.938 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

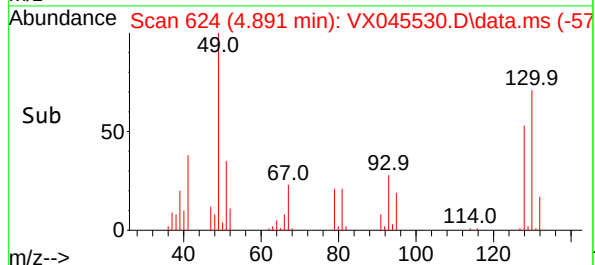
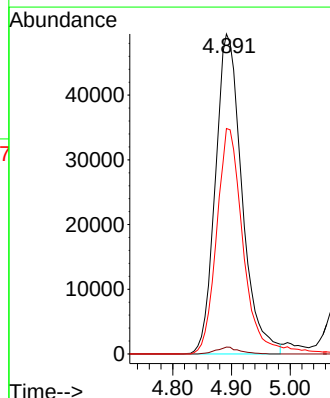
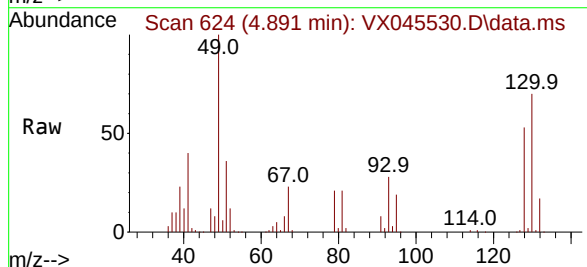
Tgt Ion: 49 Resp: 155600

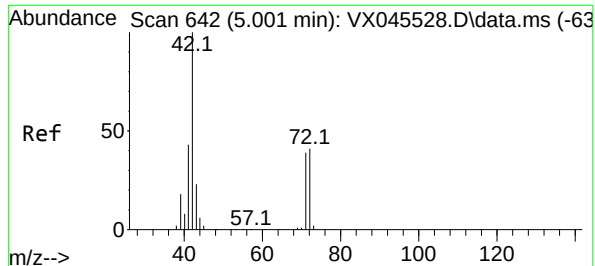
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 70.7 54.6 81.8





#29

Tetrahydrofuran

Concen: 741.226 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 475589

Ion Ratio Lower Upper

42 100

72 42.3 33.4 50.0

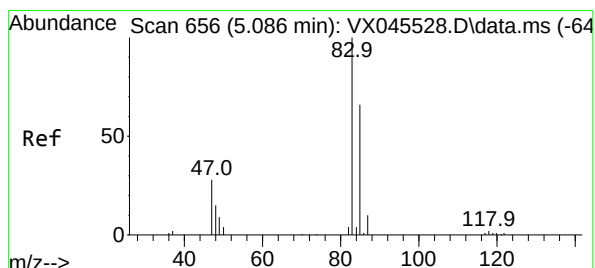
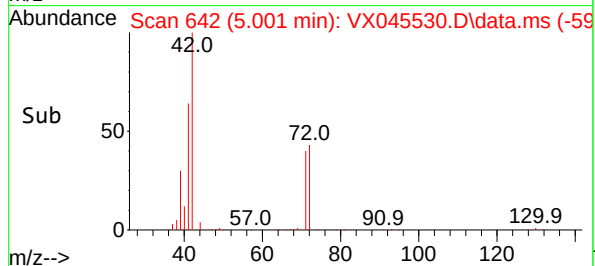
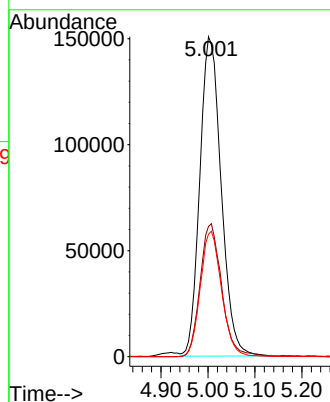
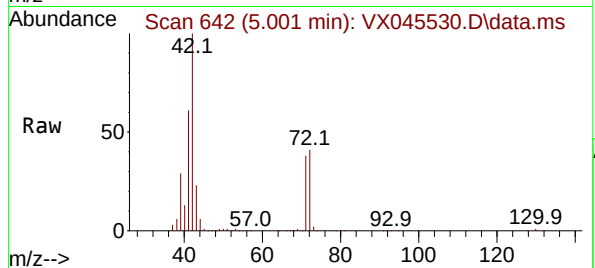
71 39.2 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#30

Chloroform

Concen: 150.451 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045530.D

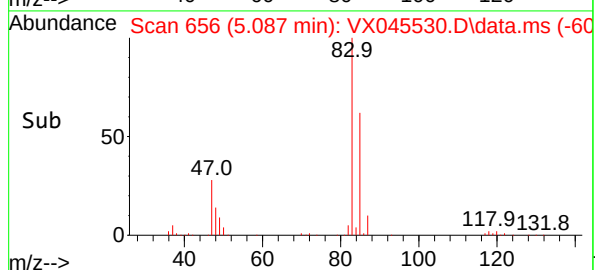
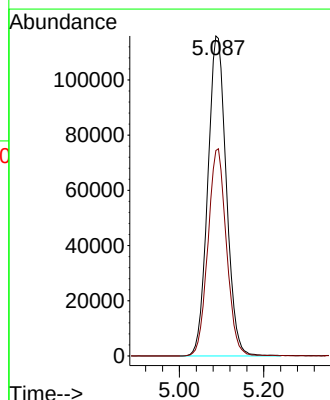
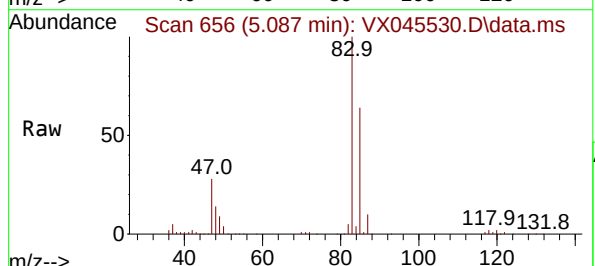
Acq: 01 Apr 2025 19:02

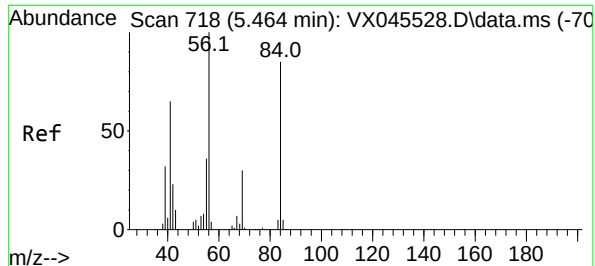
Tgt Ion: 83 Resp: 353681

Ion Ratio Lower Upper

83 100

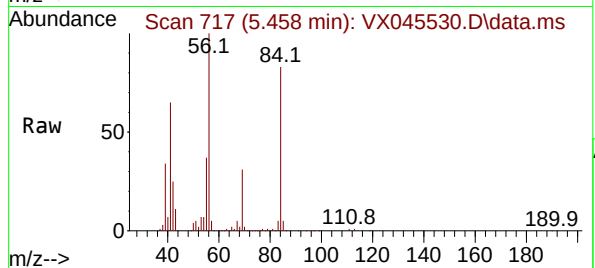
85 64.2 52.8 79.2





#31
Cyclohexane
Concen: 153.595 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

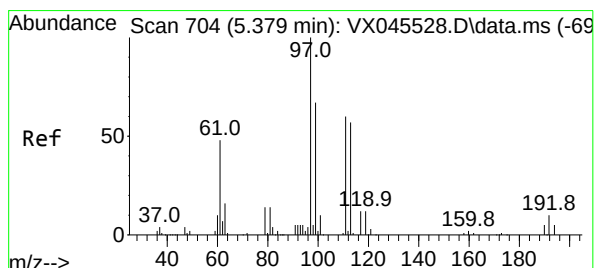
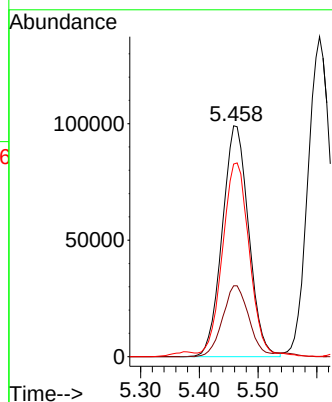
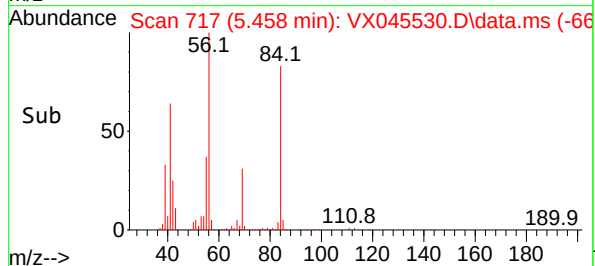
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 310219
Ion Ratio Lower Upper
56 100
69 30.7 23.6 35.4
84 81.9 67.7 101.5

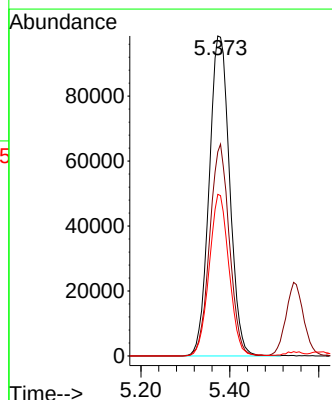
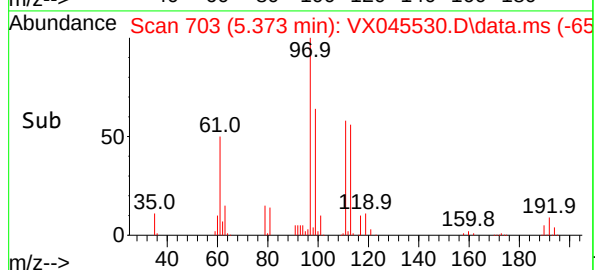
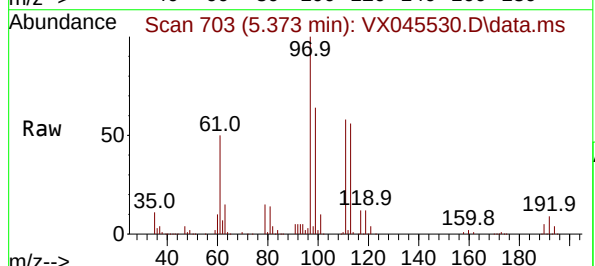
Manual Integrations
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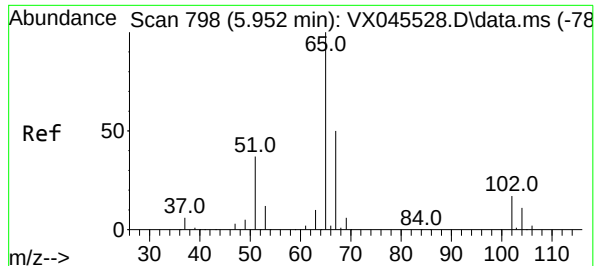
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#32
1,1,1-Trichloroethane
Concen: 158.426 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 97 Resp: 315136
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 49.1 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 153.661 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 252998

Ion Ratio Lower Upper

65 100

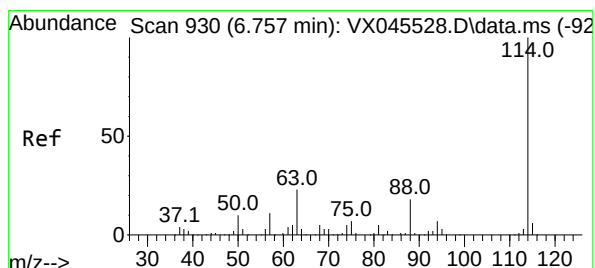
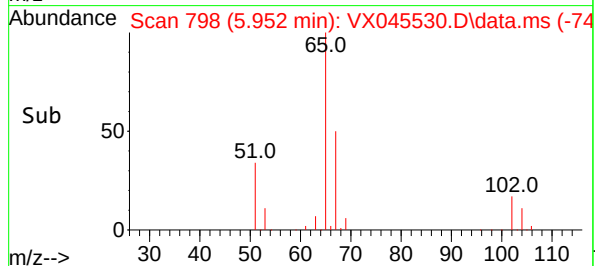
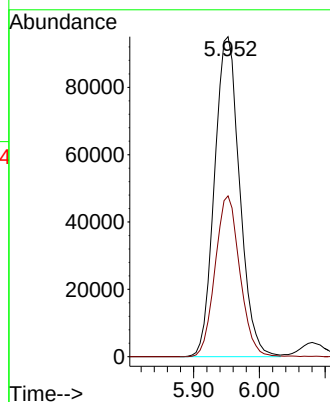
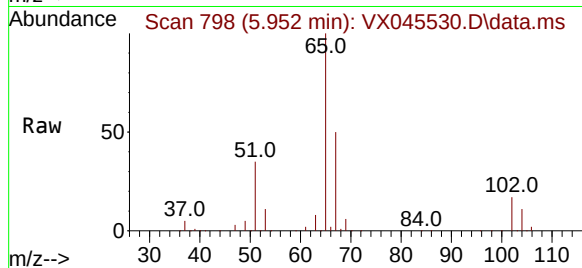
67 49.4 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

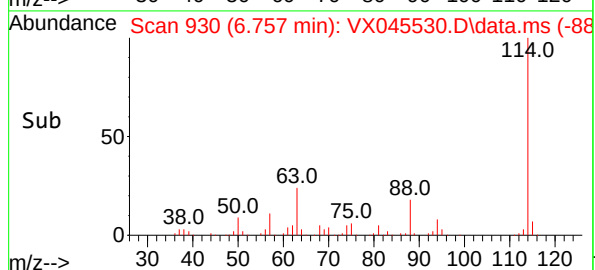
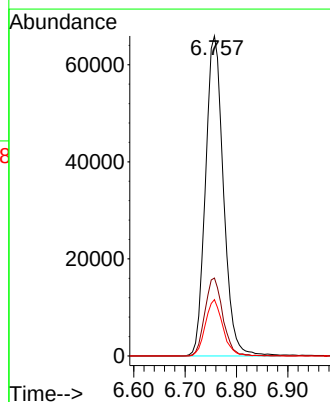
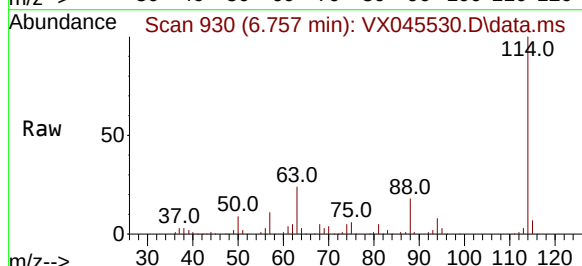
Tgt Ion:114 Resp: 160037

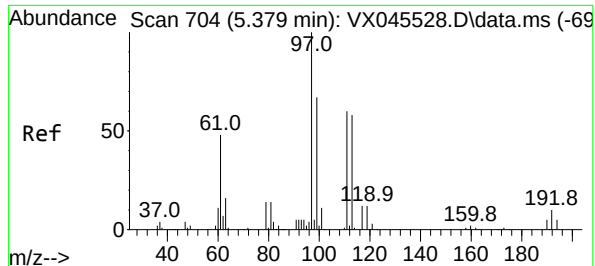
Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.8

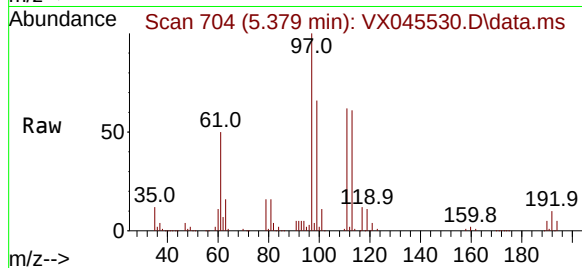
88 17.6 0.0 35.4





#35
Dibromofluoromethane
Concen: 152.887 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

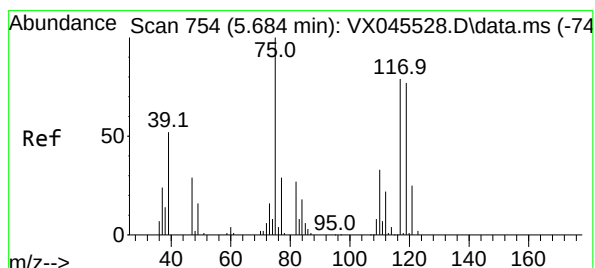
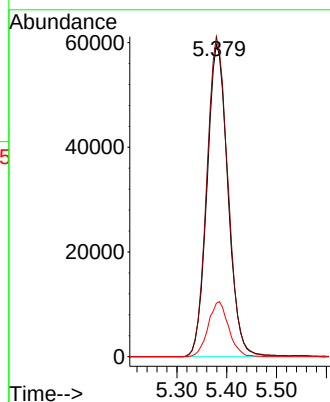
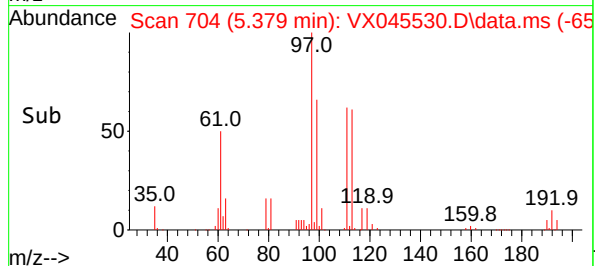
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 113 Resp: 173598
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 17.3 13.8 20.6

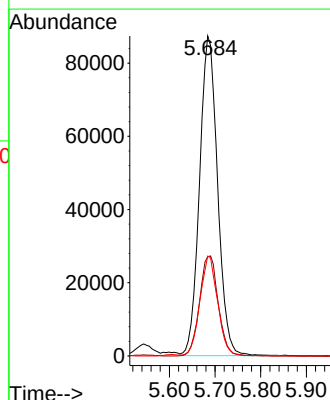
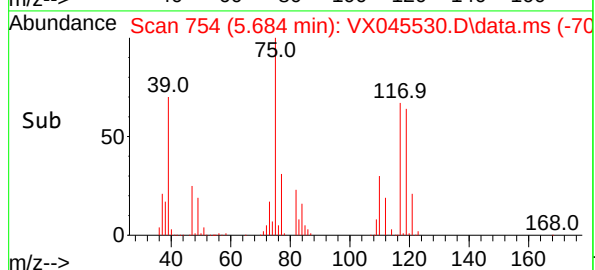
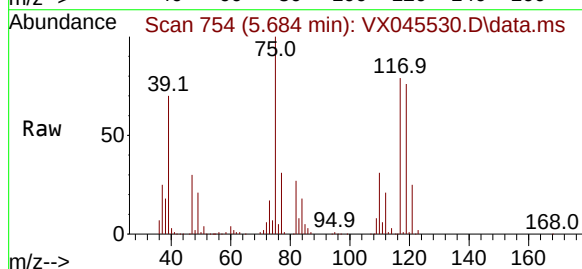
Manual Integrations
APPROVED

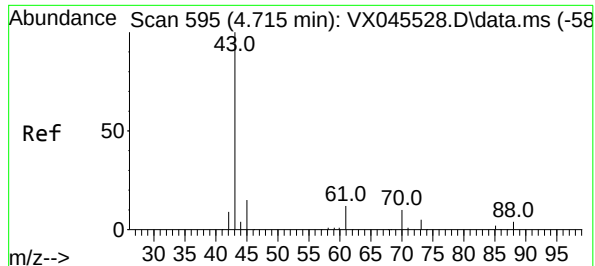
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#36
1,1-Dichloropropene
Concen: 156.399 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 75 Resp: 239776
Ion Ratio Lower Upper
75 100
110 32.4 16.9 50.6
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 152.461 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 294559

Ion Ratio Lower Upper

43 100

61 12.5 9.9 14.9

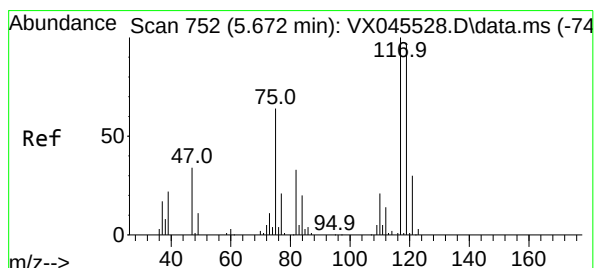
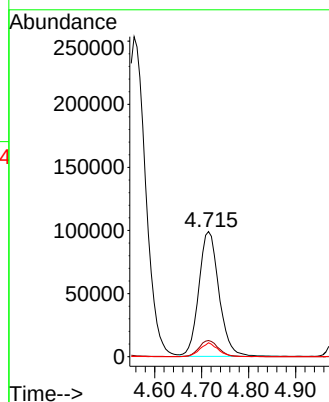
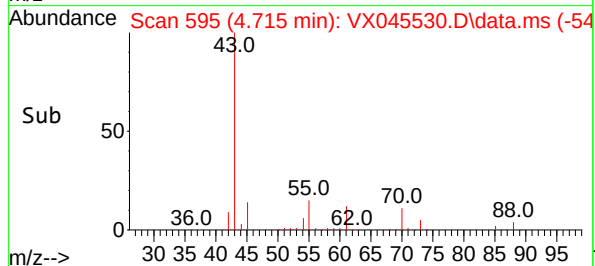
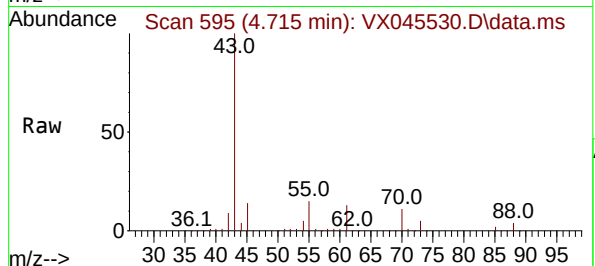
70 10.0 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#38

Carbon Tetrachloride

Concen: 161.005 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

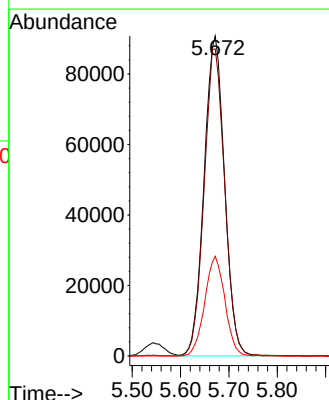
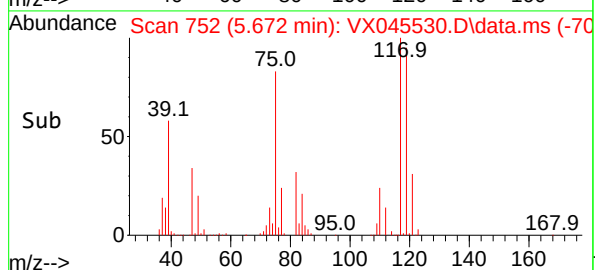
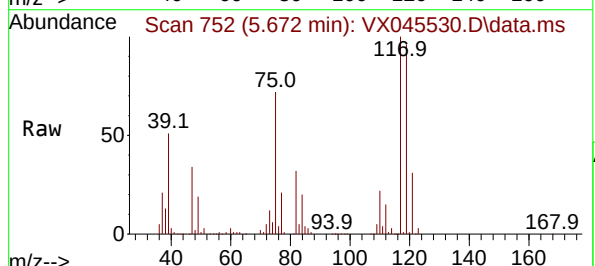
Tgt Ion:117 Resp: 266770

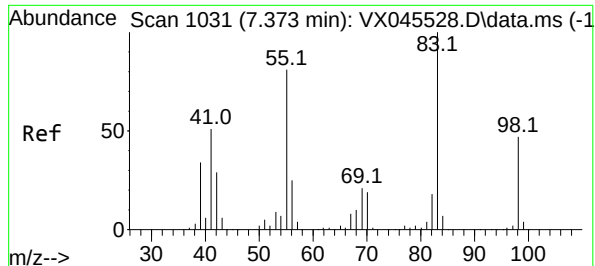
Ion Ratio Lower Upper

117 100

119 95.9 76.9 115.3

121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 161.366 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 30325

Ion Ratio Lower Upper

83 100

55 85.4 64.9 97.3

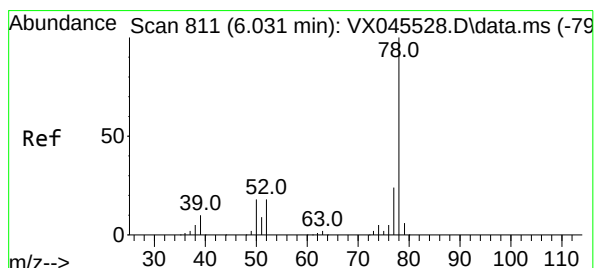
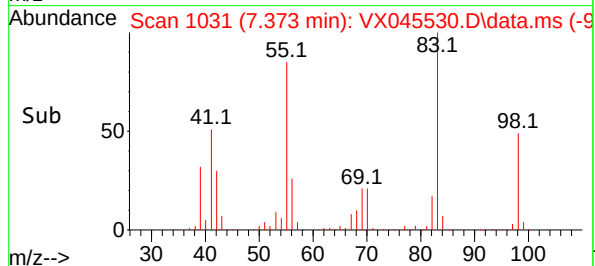
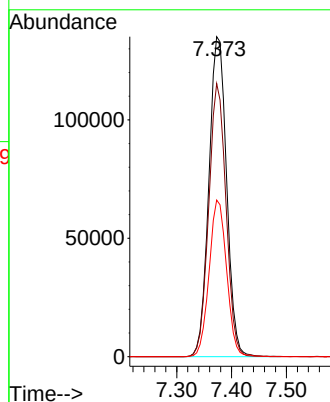
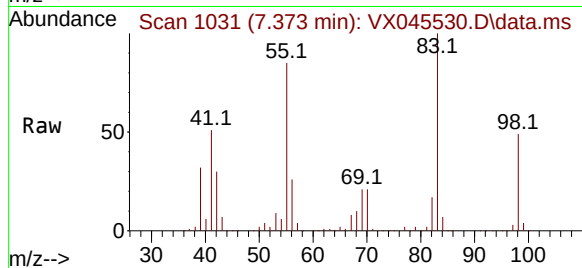
98 49.0 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#40

Benzene

Concen: 150.208 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045530.D

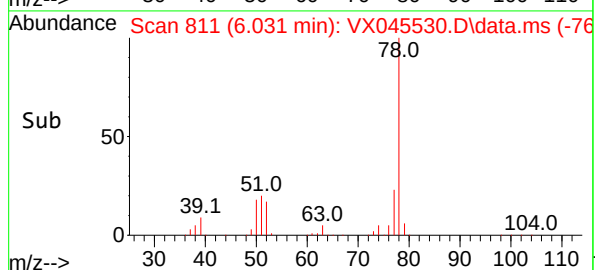
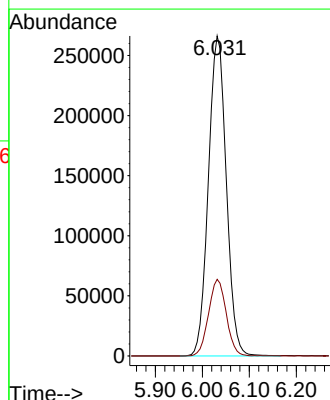
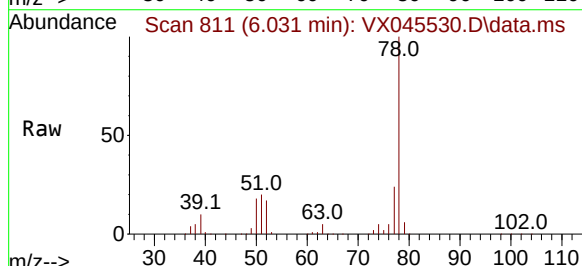
Acq: 01 Apr 2025 19:02

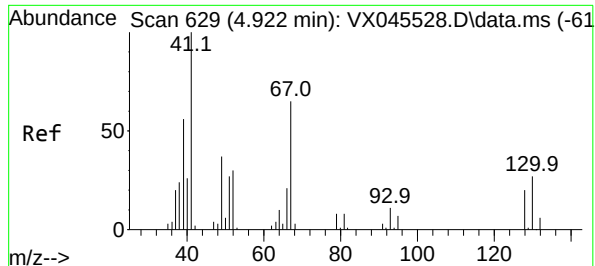
Tgt Ion: 78 Resp: 703311

Ion Ratio Lower Upper

78 100

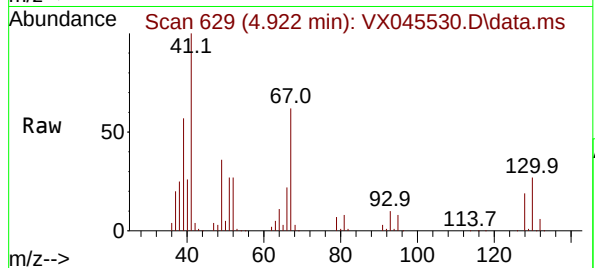
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 160.155 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

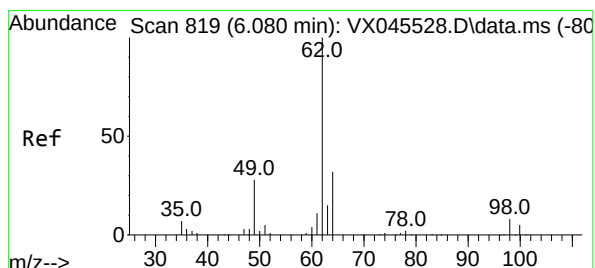
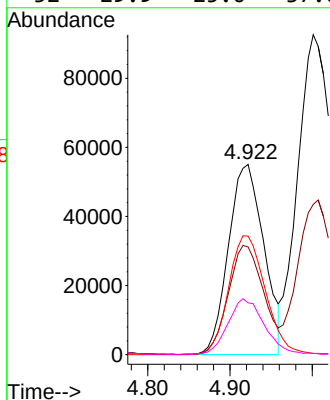
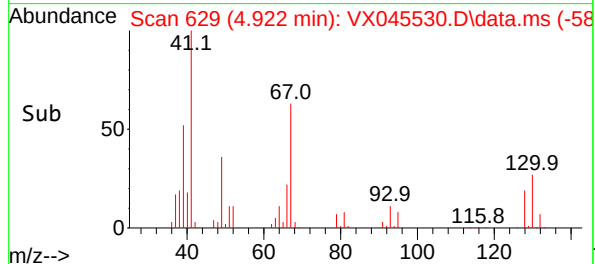
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 164699
Ion Ratio Lower Upper
41 100
39 57.4 47.0 70.6
67 65.5 53.2 79.8
52 29.9 25.0 37.6

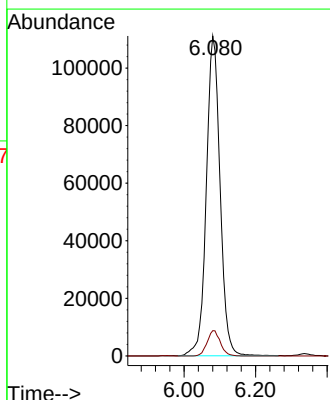
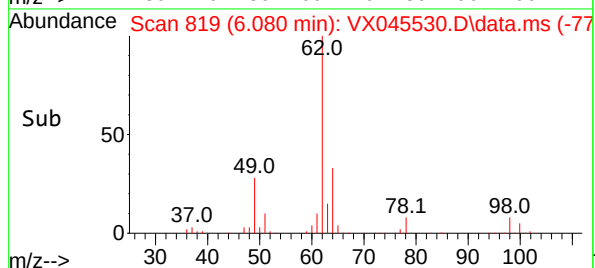
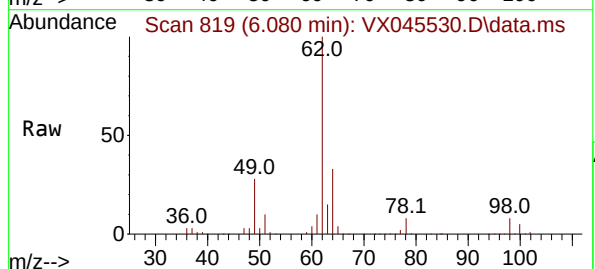
Manual Integrations
APPROVED

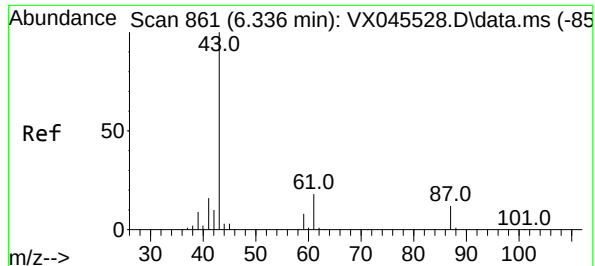
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#42
1,2-Dichloroethane
Concen: 153.146 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 62 Resp: 296168
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43

Isopropyl Acetate

Concen: 162.494 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 47582

Ion Ratio Lower Upper

43 100

61 18.1 14.1 21.1

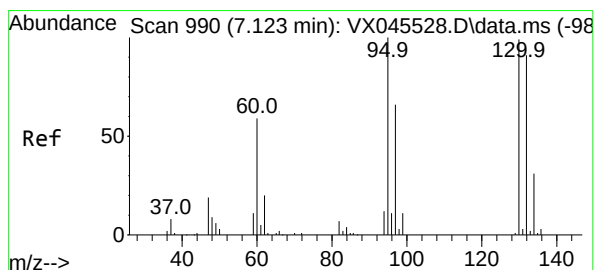
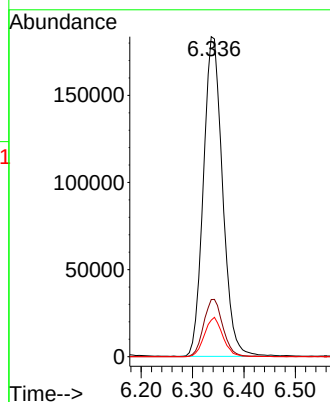
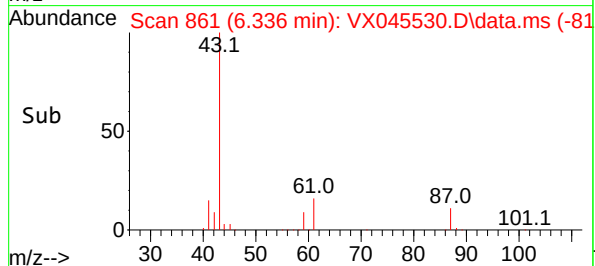
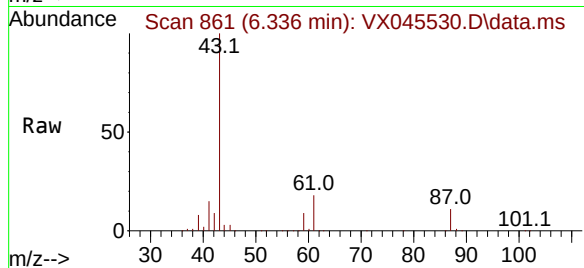
87 11.8 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#44

Trichloroethene

Concen: 153.599 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX045530.D

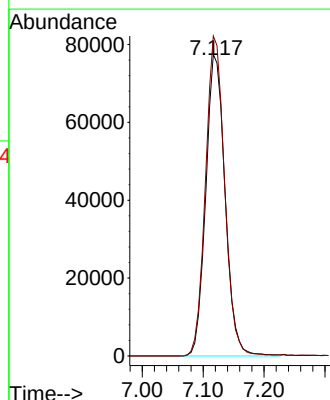
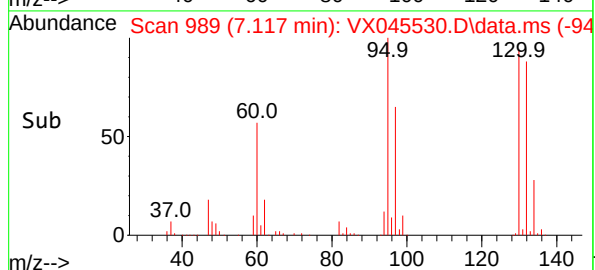
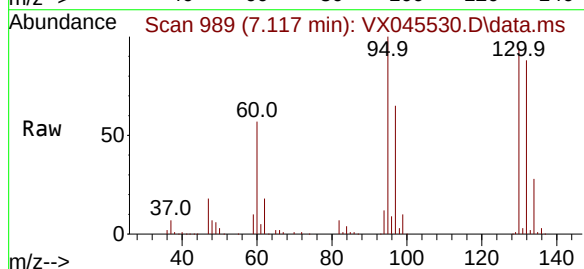
Acq: 01 Apr 2025 19:02

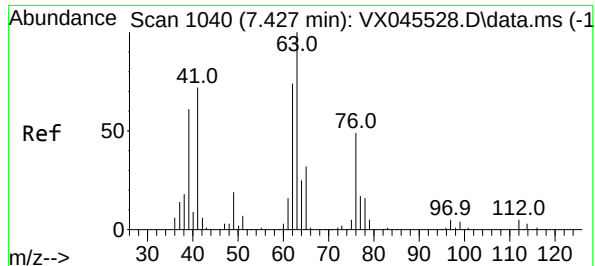
Tgt Ion:130 Resp: 170940

Ion Ratio Lower Upper

130 100

95 106.1 0.0 202.0





#45

1,2-Dichloropropane

Concen: 153.610 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 17945

Ion Ratio Lower Upper

63 100

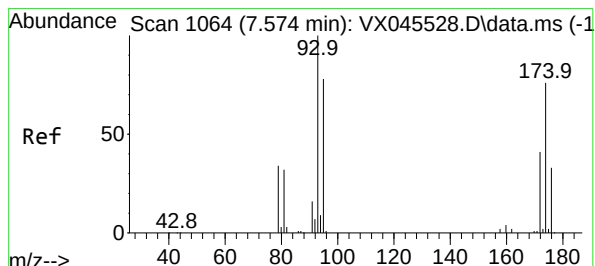
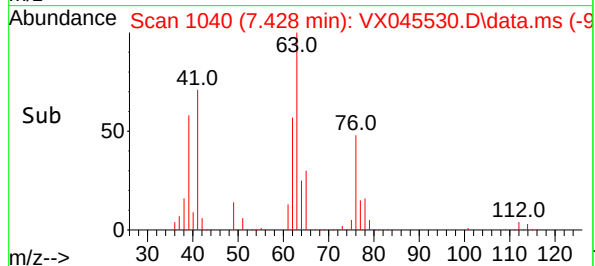
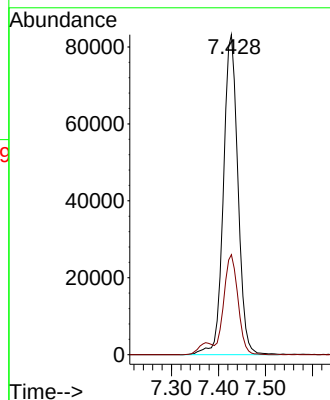
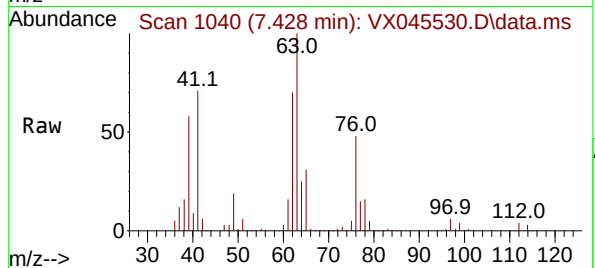
65 31.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#46

Dibromomethane

Concen: 150.996 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

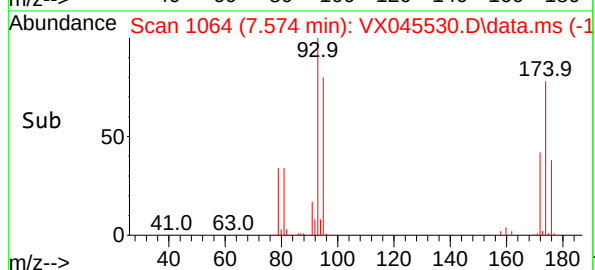
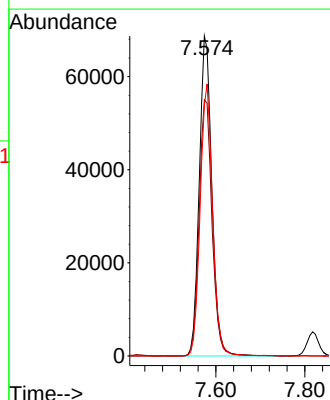
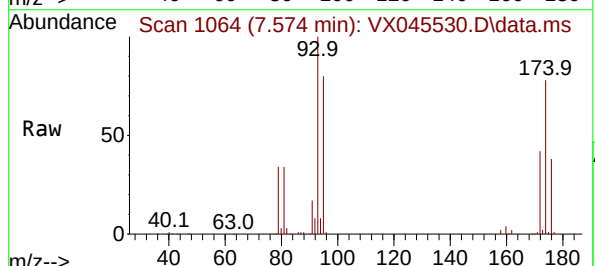
Tgt Ion: 93 Resp: 135415

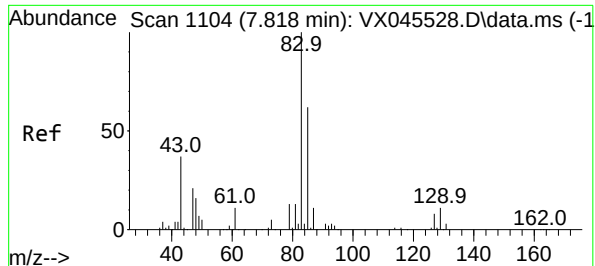
Ion Ratio Lower Upper

93 100

95 82.4 64.8 97.2

174 84.1 65.4 98.0





#47

Bromodichloromethane

Concen: 156.272 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 27988

Ion Ratio Lower Upper

83 100

85 63.6 49.7 74.5

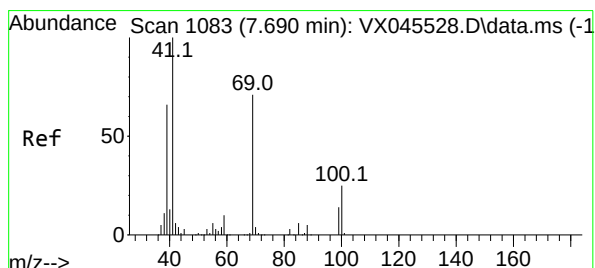
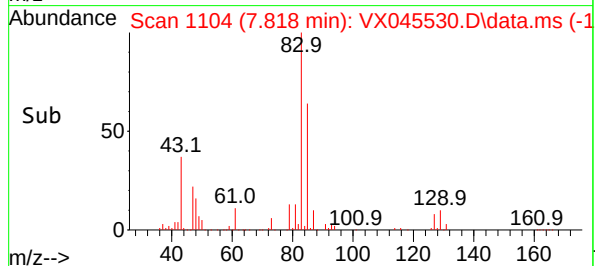
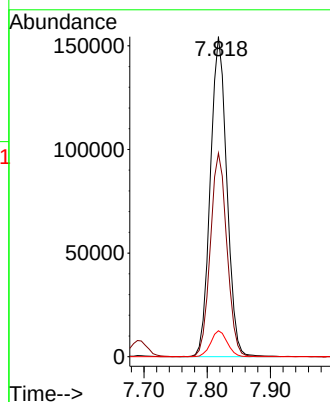
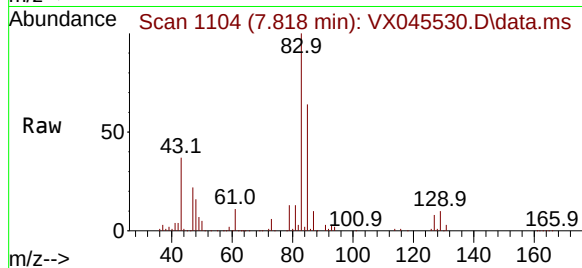
127 8.1 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#48

Methyl methacrylate

Concen: 159.281 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

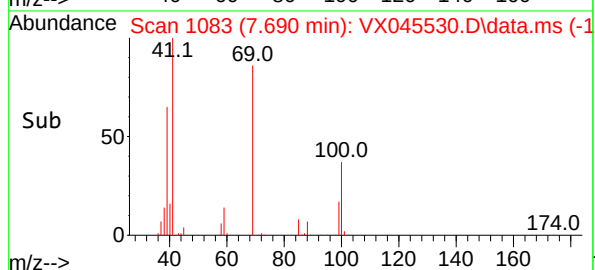
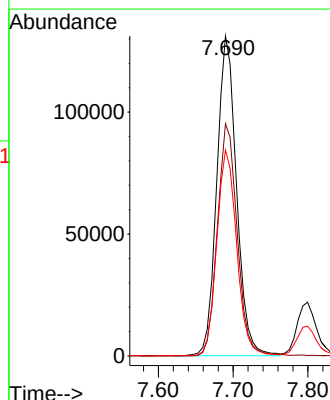
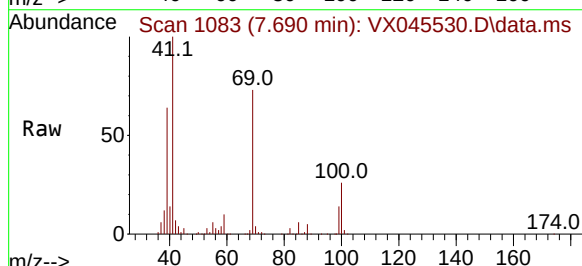
Tgt Ion: 41 Resp: 240818

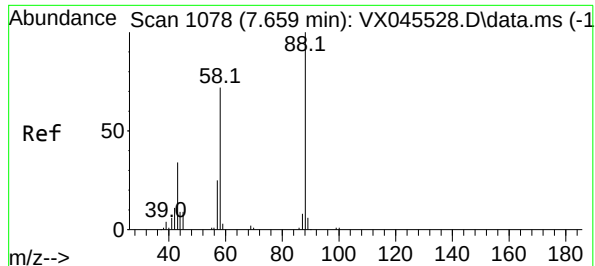
Ion Ratio Lower Upper

41 100

69 73.0 58.2 87.2

39 64.9 53.6 80.4





#49

1,4-Dioxane

Concen: 2739.196 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 74929

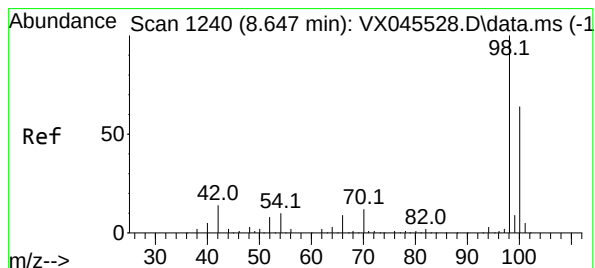
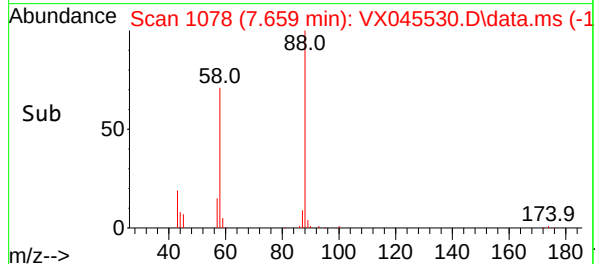
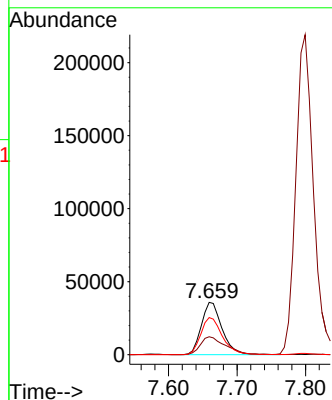
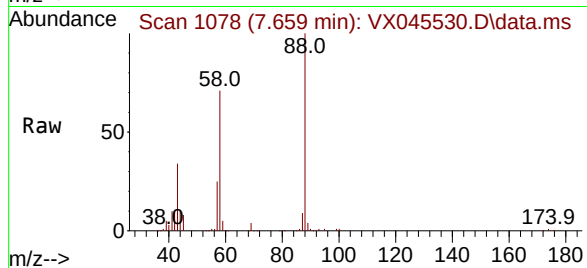
Ion	Ratio	Lower	Upper
88	100		
43	40.8	32.2	48.4
58	74.2	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#50

Toluene-d8

Concen: 152.216 ug/l

RT: 8.647 min Scan# 1240

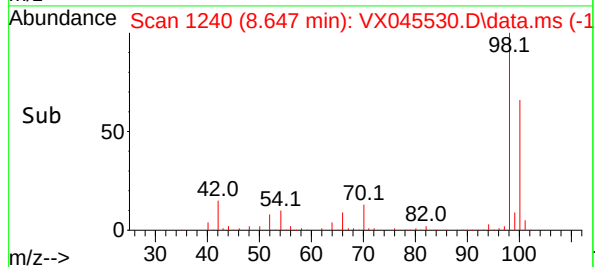
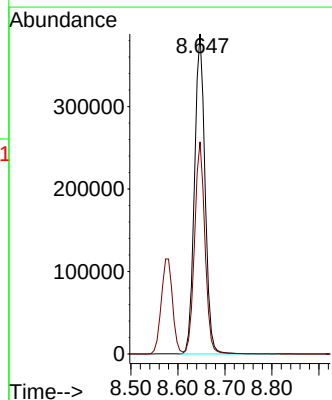
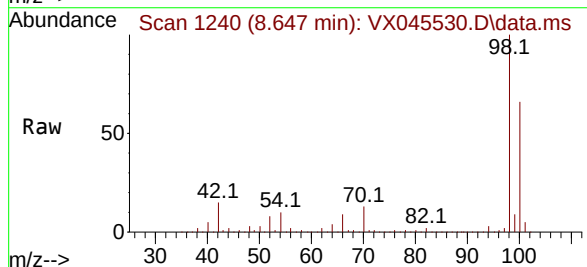
Delta R.T. 0.000 min

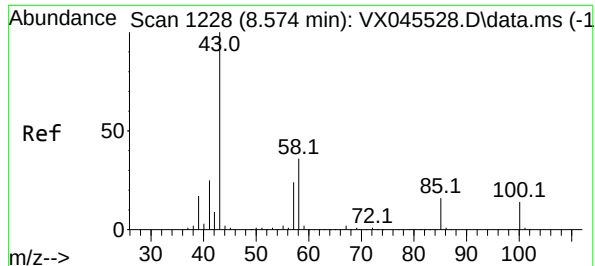
Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Tgt Ion: 98 Resp: 603264

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.4





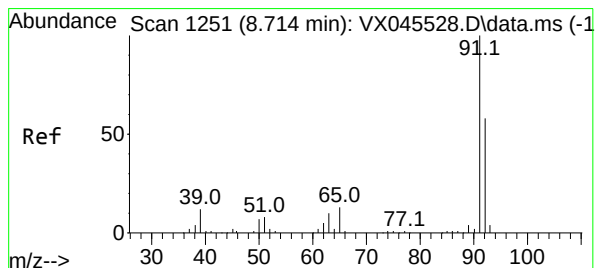
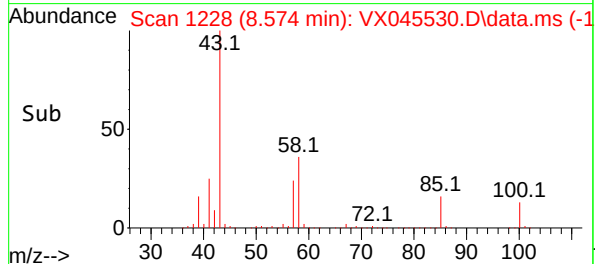
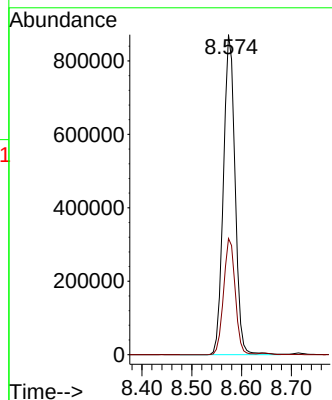
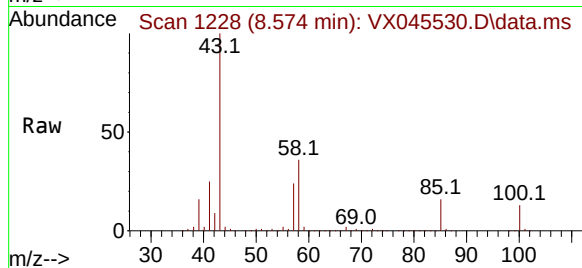
#51
4-Methyl-2-Pentanone
Concen: 728.817 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 141477
Ion Ratio Lower Upper
43 100
58 36.2 28.5 42.7

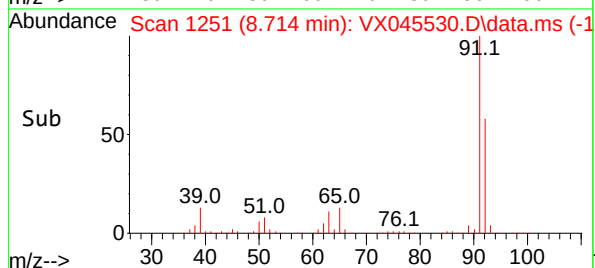
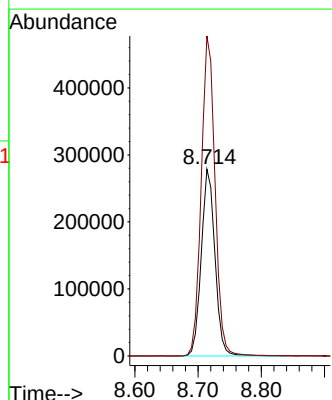
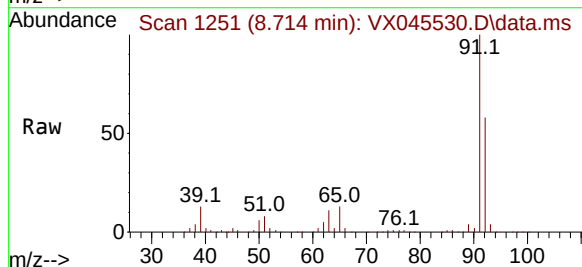
Manual Integrations
APPROVED

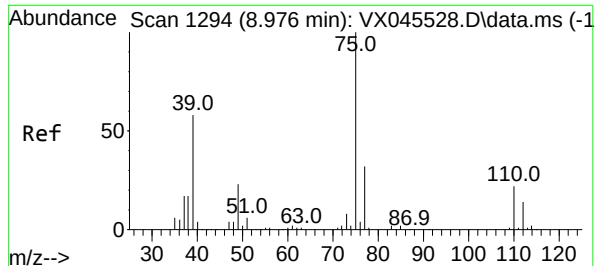
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 148.245 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 92 Resp: 420015
Ion Ratio Lower Upper
92 100
91 173.3 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 150.589 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 26767

Ion Ratio Lower Upper

75 100

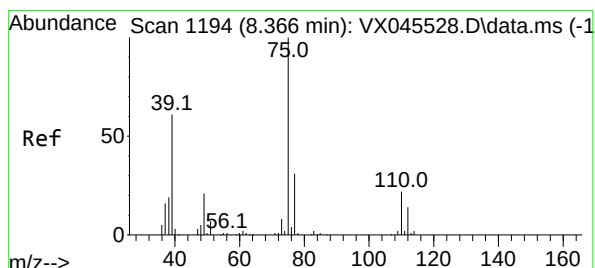
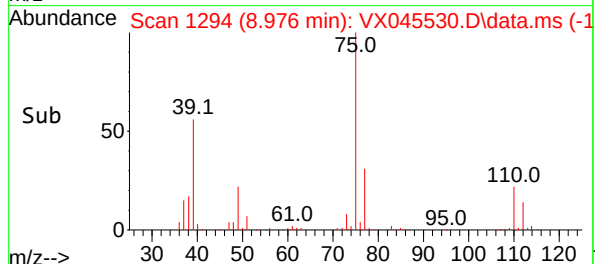
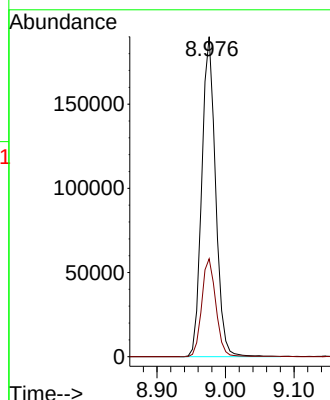
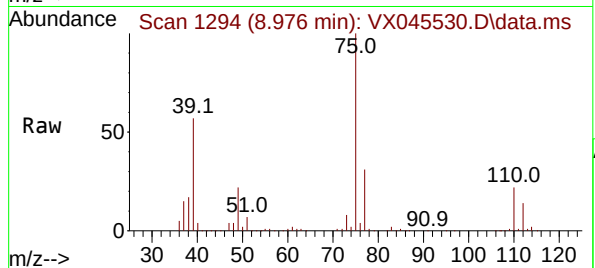
77 30.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#54

cis-1,3-Dichloropropene

Concen: 171.104 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

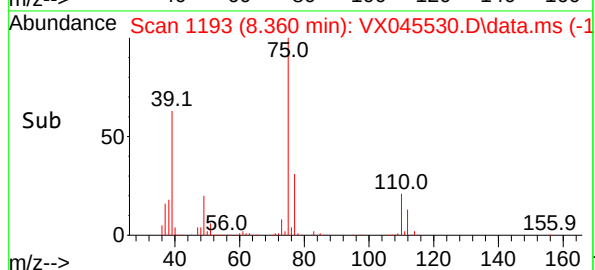
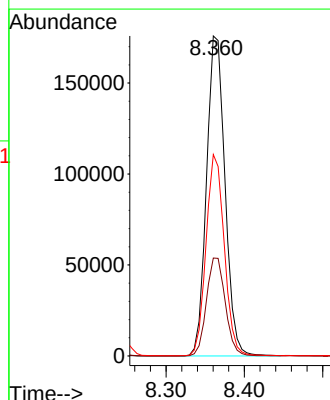
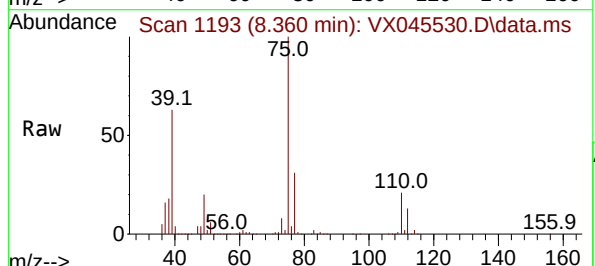
Tgt Ion: 75 Resp: 287973

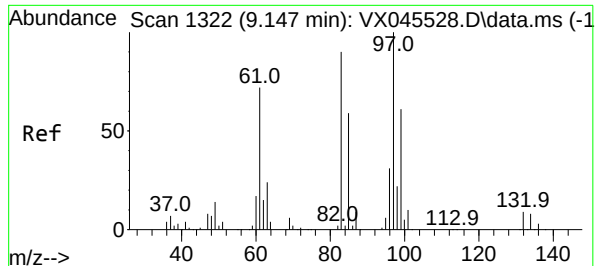
Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

39 62.9 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 144.752 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 163420

Ion Ratio Lower Upper

97 100

83 88.2 71.8 107.8

85 55.9 47.0 70.6

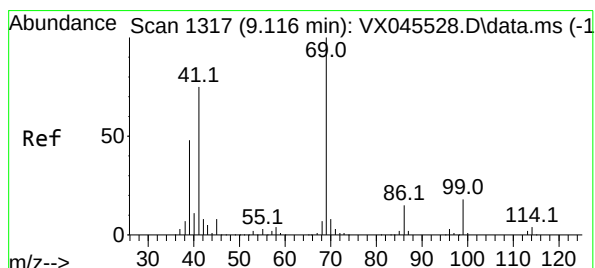
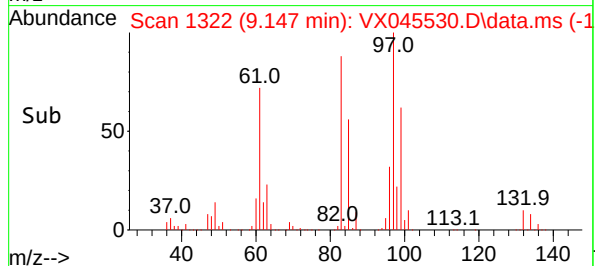
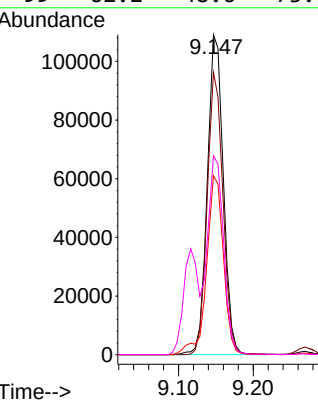
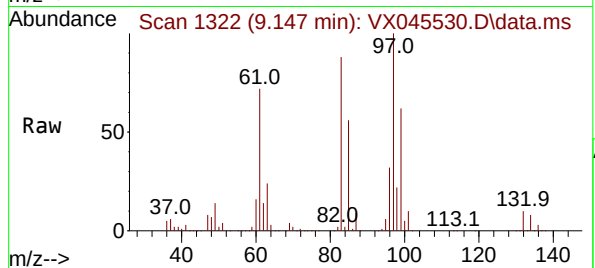
99 62.2 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#56

Ethyl methacrylate

Concen: 163.624 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

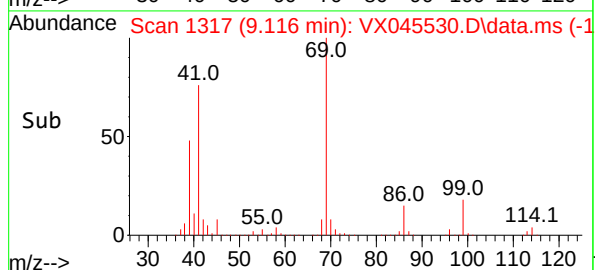
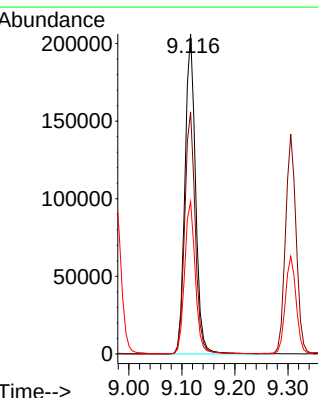
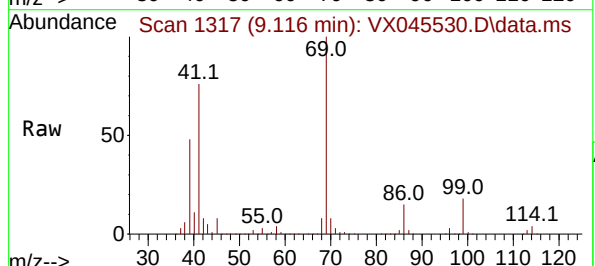
Tgt Ion: 69 Resp: 285895

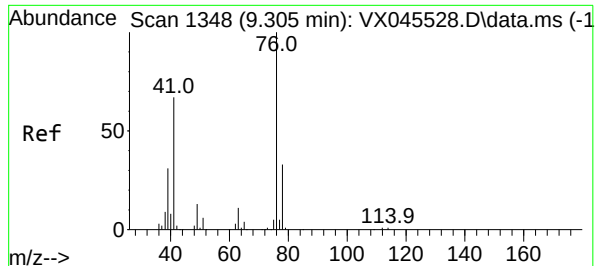
Ion Ratio Lower Upper

69 100

41 76.2 61.3 91.9

39 48.0 40.2 60.2





#57

1,3-Dichloropropane

Concen: 146.708 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 288430

Ion Ratio Lower Upper

76 100

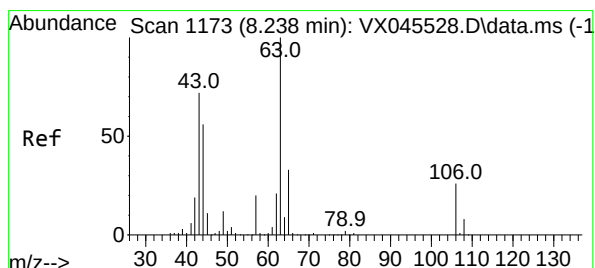
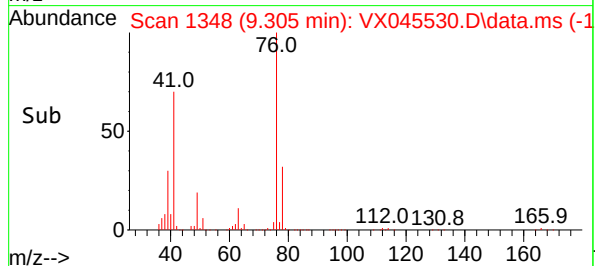
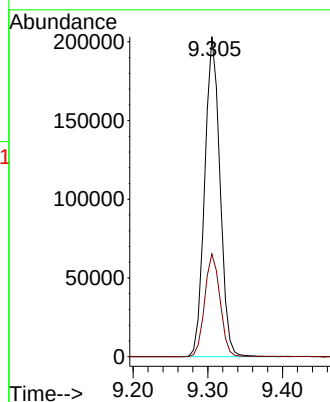
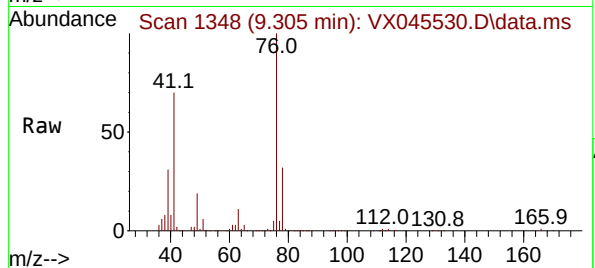
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 796.340 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045530.D

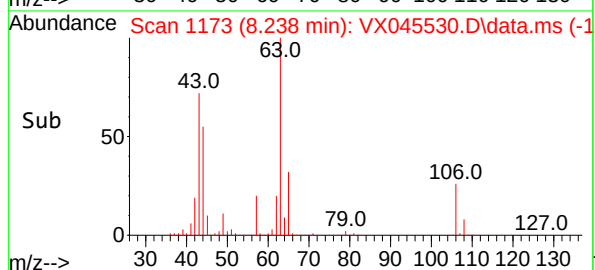
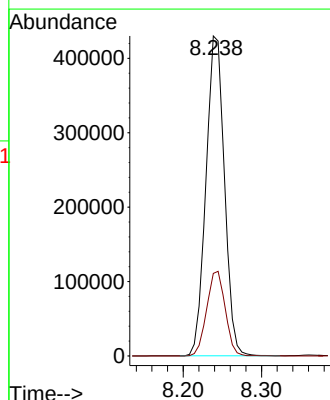
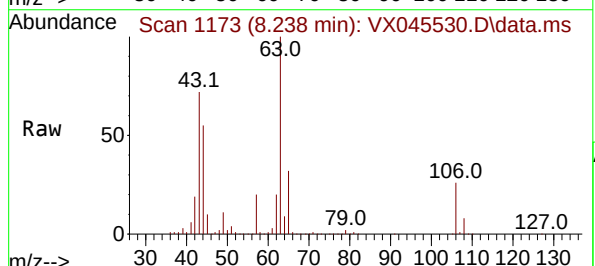
Acq: 01 Apr 2025 19:02

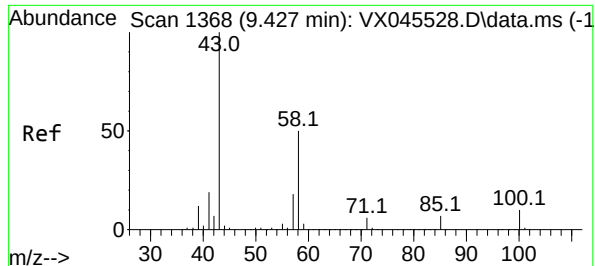
Tgt Ion: 63 Resp: 703881

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.6





#59

2-Hexanone

Concen: 733.198 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 105397

Ion Ratio Lower Upper

43 100

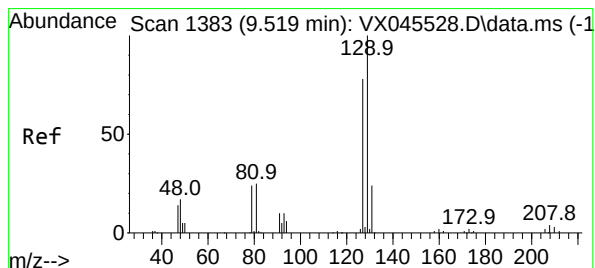
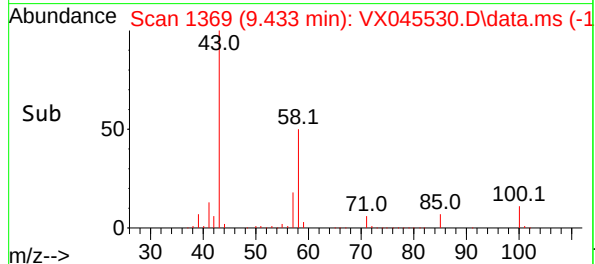
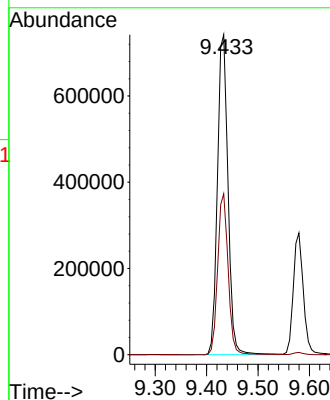
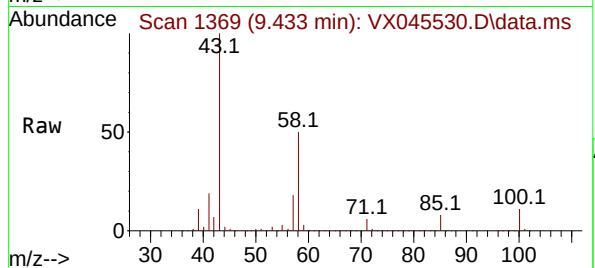
58 49.8 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#60

Dibromochloromethane

Concen: 157.895 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045530.D

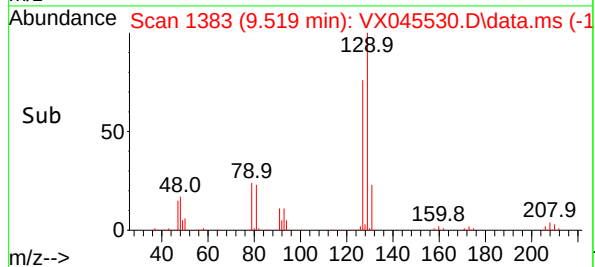
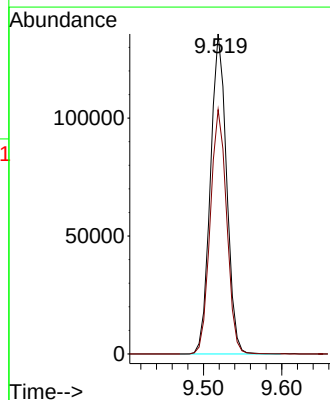
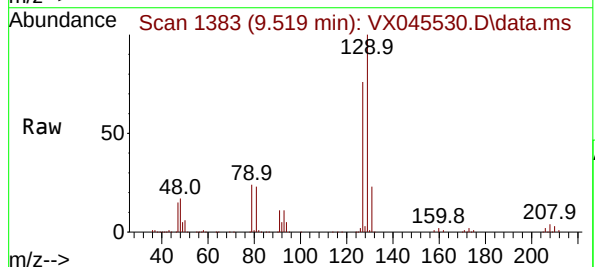
Acq: 01 Apr 2025 19:02

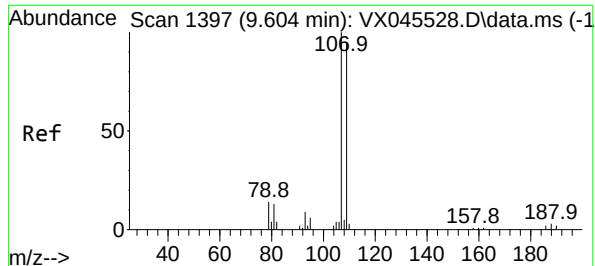
Tgt Ion:129 Resp: 194342

Ion Ratio Lower Upper

129 100

127 77.4 39.4 118.2





#61

1,2-Dibromoethane

Concen: 152.745 ug/l

RT: 9.610 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:107 Resp: 17457

Ion Ratio Lower Upper

107 100

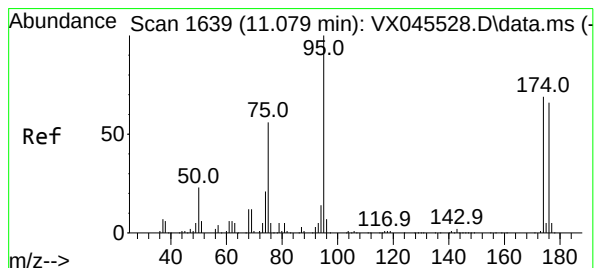
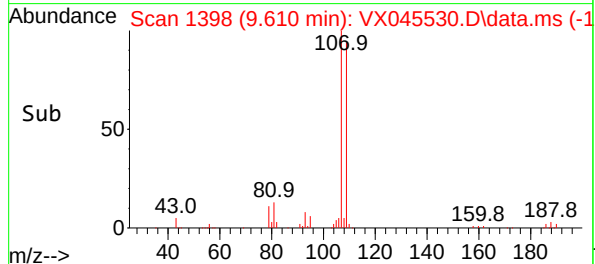
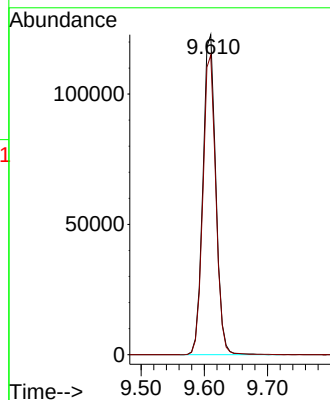
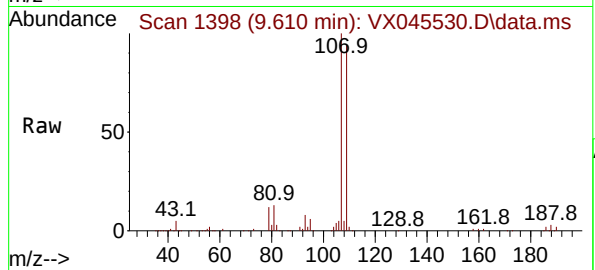
109 93.9 75.7 113.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#62

4-Bromofluorobenzene

Concen: 153.035 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

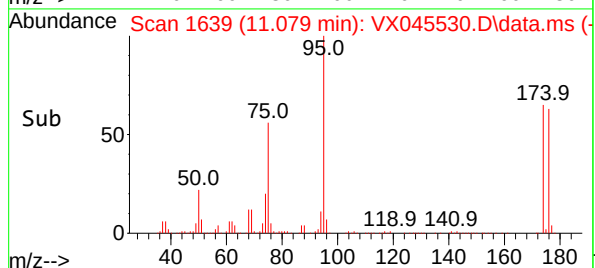
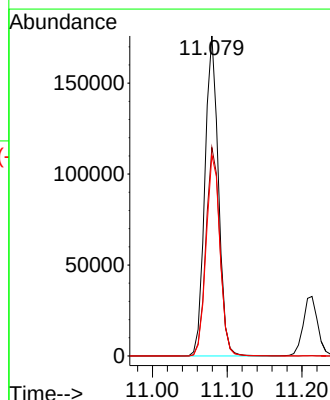
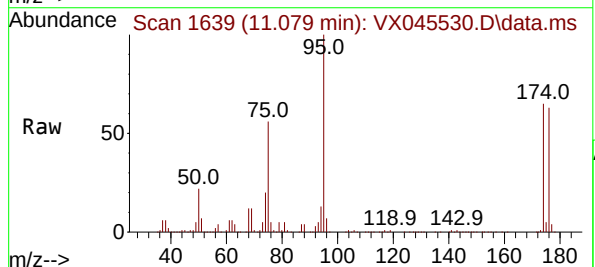
Tgt Ion: 95 Resp: 220921

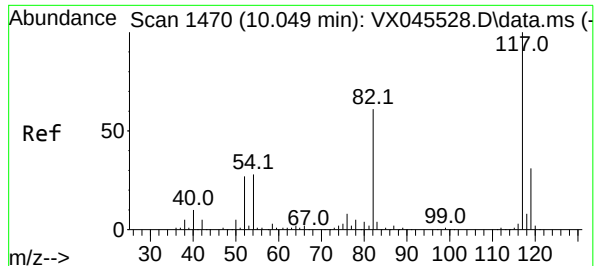
Ion Ratio Lower Upper

95 100

174 66.9 0.0 135.8

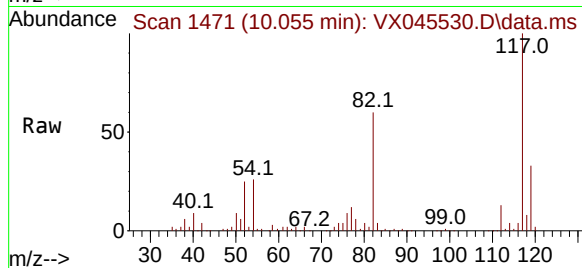
176 64.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

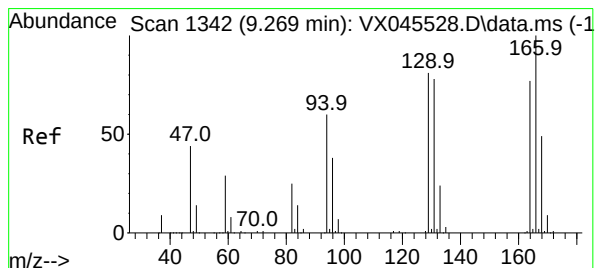
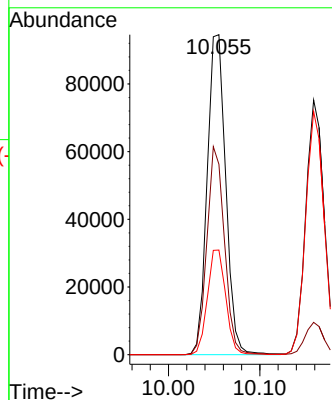
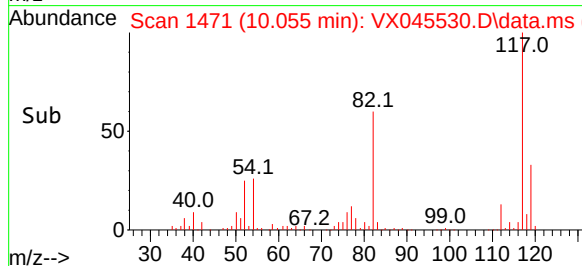
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 133342
Ion Ratio Lower Upper
117 100
82 59.5 49.2 73.8
119 32.7 25.1 37.7

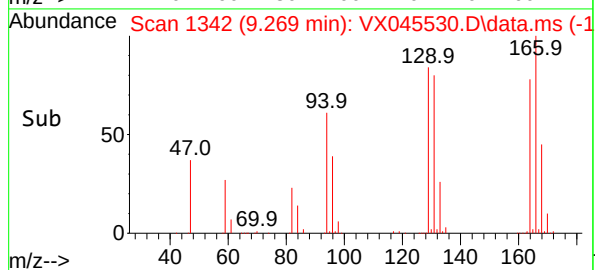
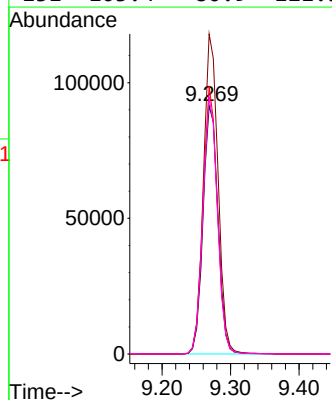
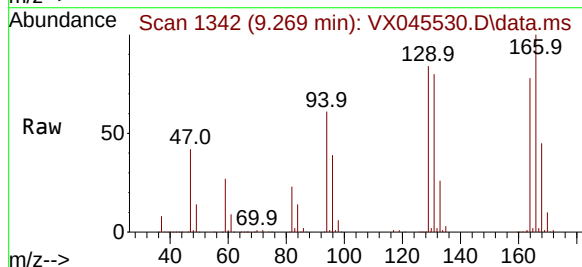
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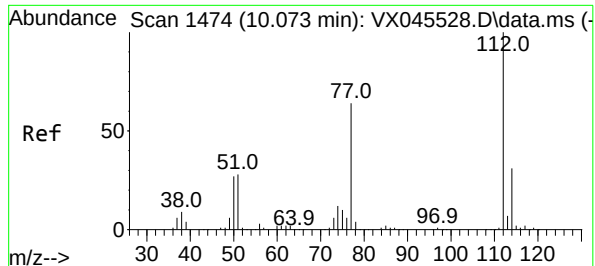
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#64
Tetrachloroethene
Concen: 147.568 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:164 Resp: 138926
Ion Ratio Lower Upper
164 100
166 128.9 103.8 155.8
129 107.9 84.3 126.5
131 103.4 80.9 121.3





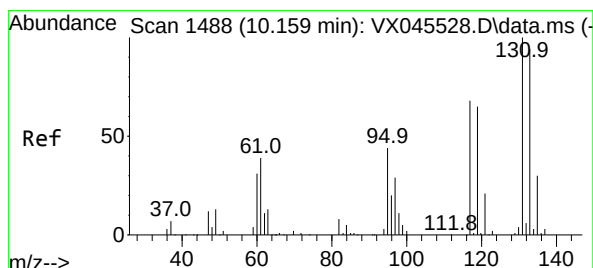
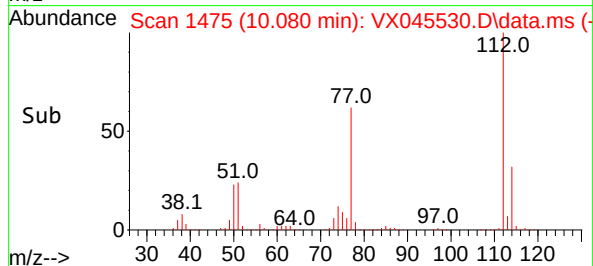
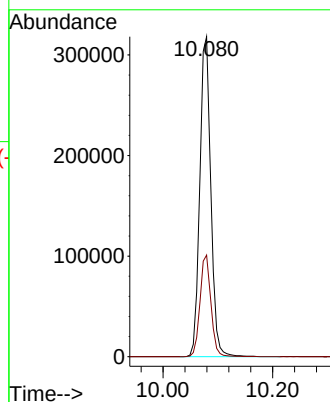
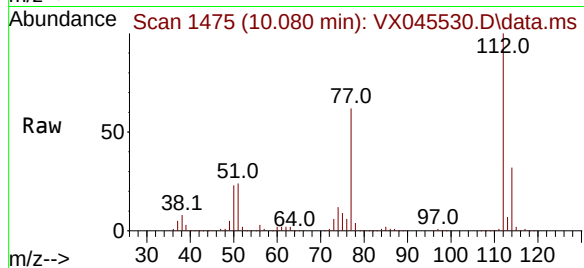
#65
Chlorobenzene
Concen: 156.049 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 44463
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1

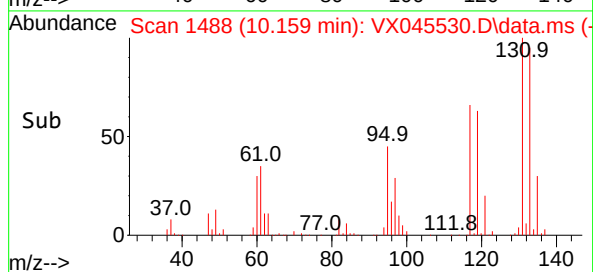
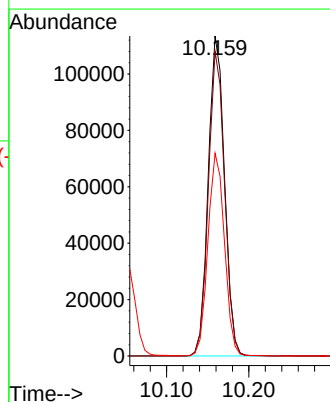
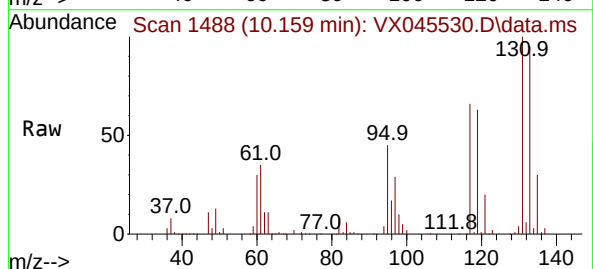
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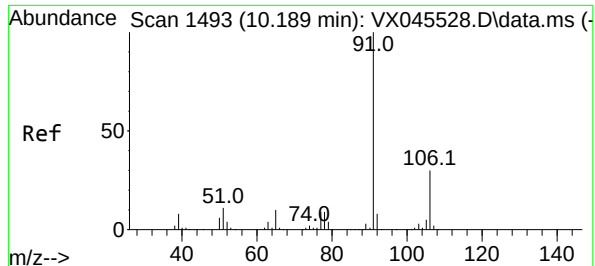
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 157.769 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

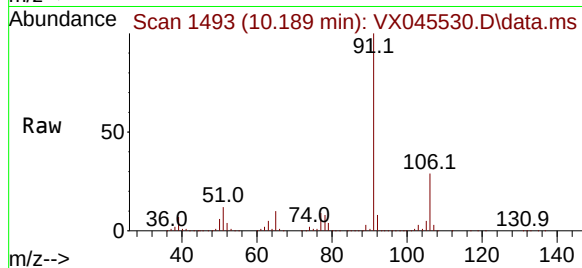
Tgt Ion:131 Resp: 156069
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 64.4 32.9 98.6





#67
Ethyl Benzene
Concen: 160.907 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

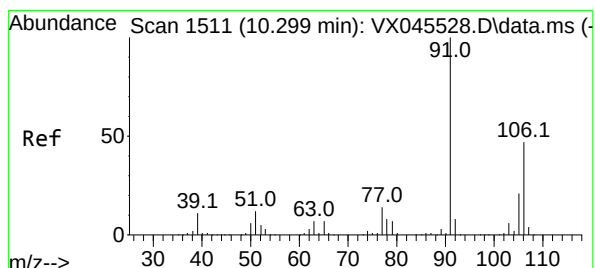
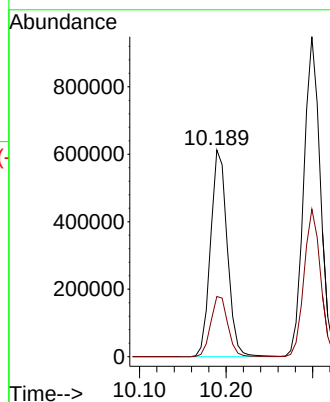
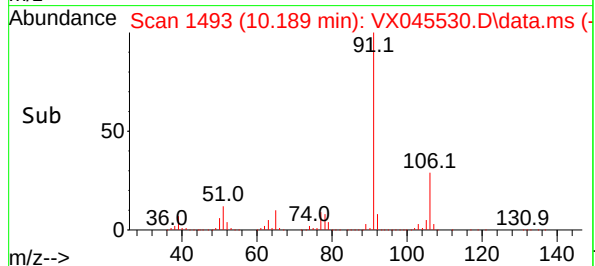
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 821130
Ion Ratio Lower Upper
91 100
106 29.1 23.7 35.5

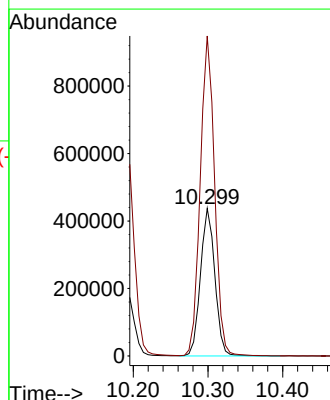
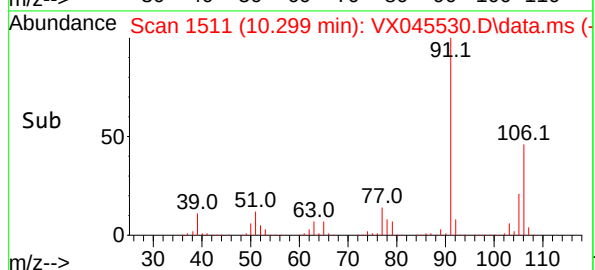
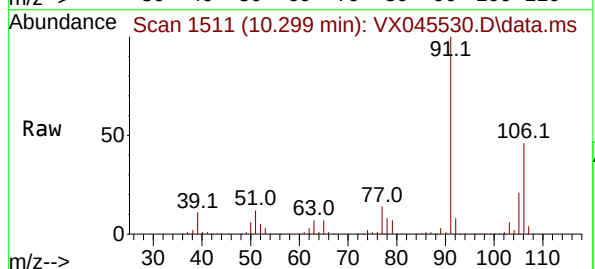
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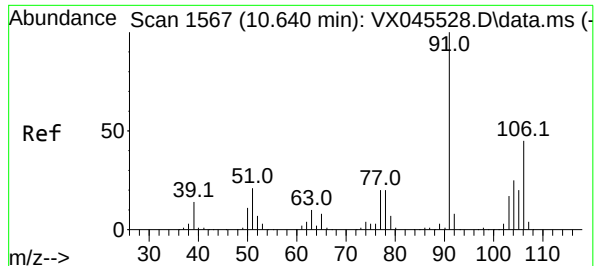
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#68
m/p-Xylenes
Concen: 314.231 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:106 Resp: 583228
Ion Ratio Lower Upper
106 100
91 216.7 172.6 258.8





#69

o-Xylene

Concen: 156.241 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:106 Resp: 285670

Ion Ratio Lower Upper

106 100

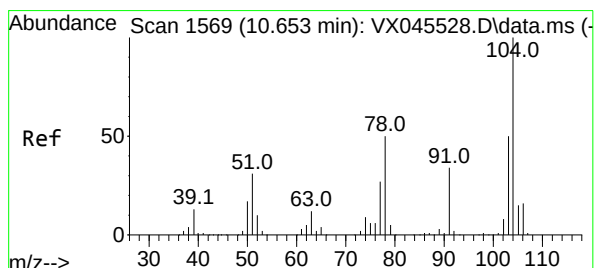
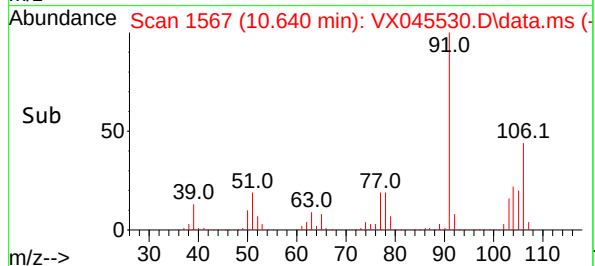
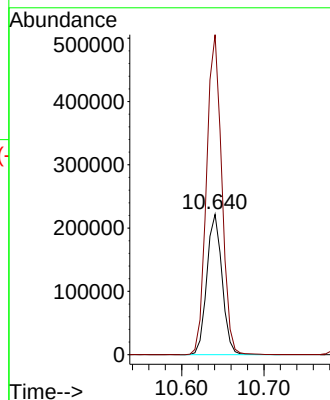
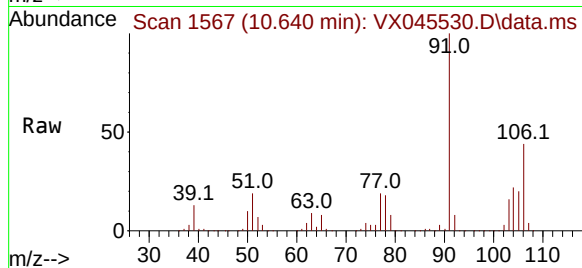
91 227.6 113.6 340.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#70

Styrene

Concen: 159.299 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

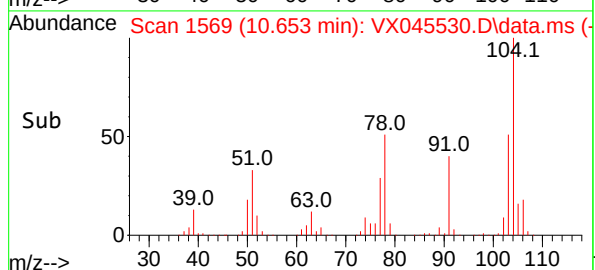
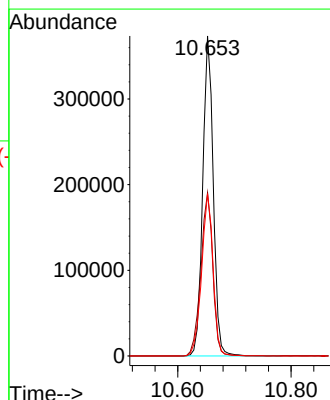
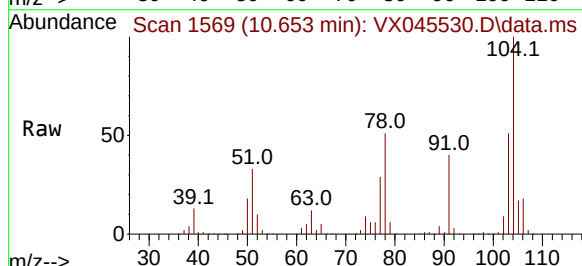
Tgt Ion:104 Resp: 480722

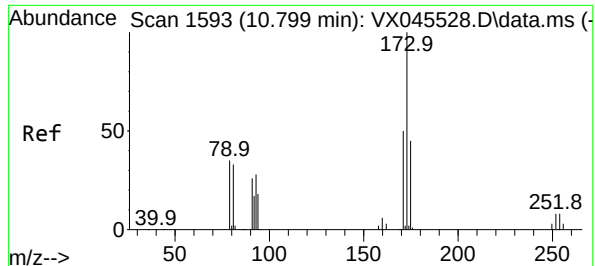
Ion Ratio Lower Upper

104 100

78 57.9 45.4 68.2

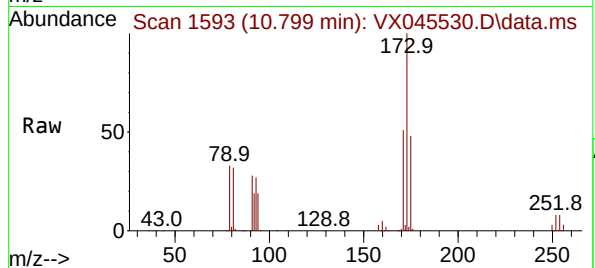
103 55.4 43.8 65.8





#71
Bromoform
Concen: 170.743 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

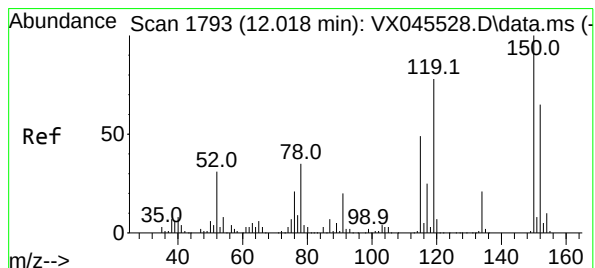
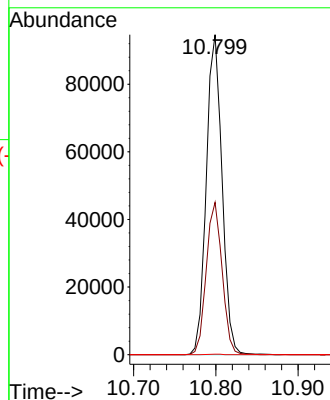
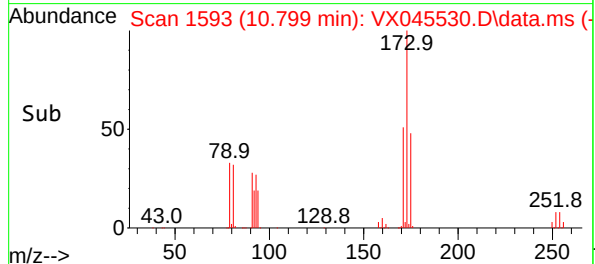
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 126115
Ion Ratio Lower Upper
173 100
175 48.0 23.4 70.2
254 0.1 0.0 0.0

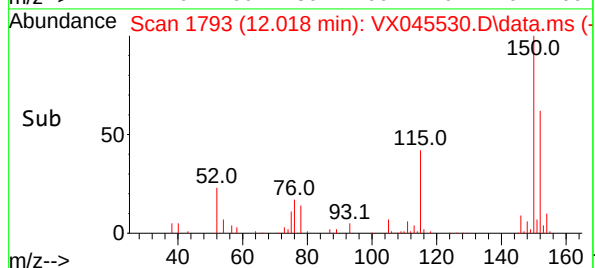
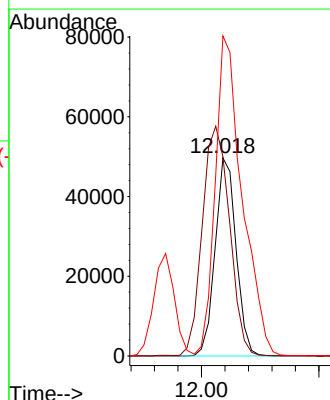
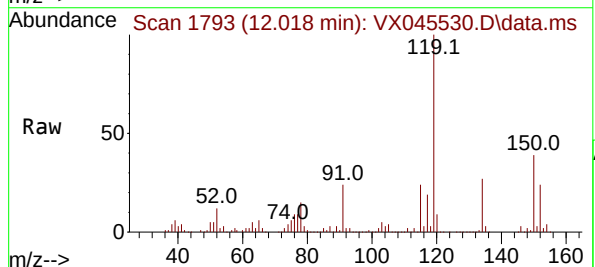
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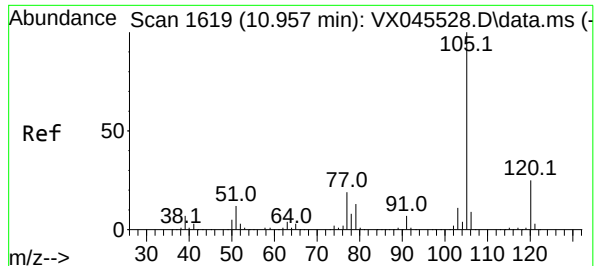
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:152 Resp: 61380
Ion Ratio Lower Upper
152 100
115 151.4 46.9 140.7#
150 208.6 0.0 349.4





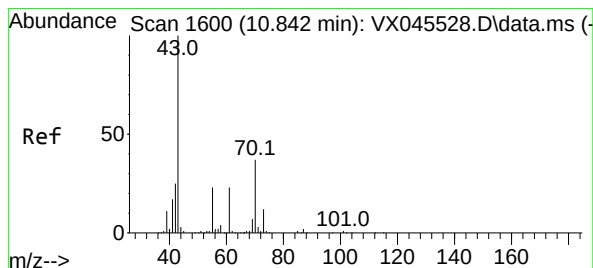
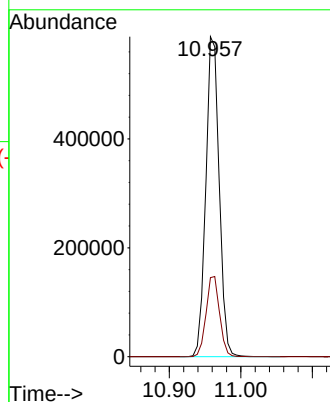
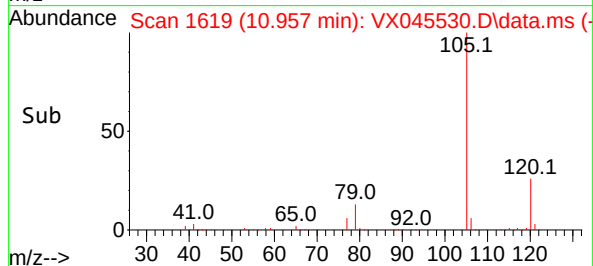
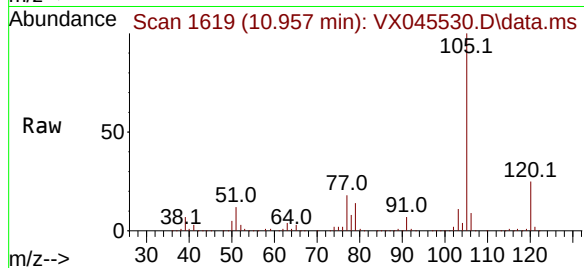
#73
Isopropylbenzene
Concen: 155.475 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 764400
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.0

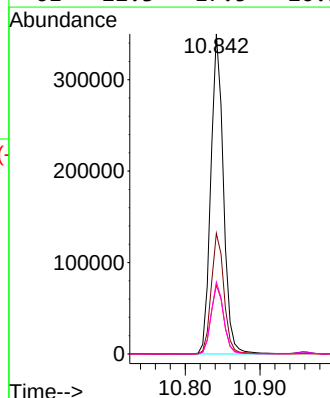
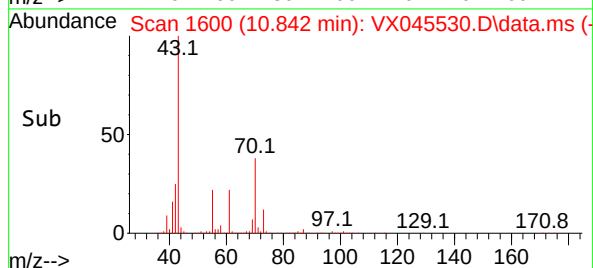
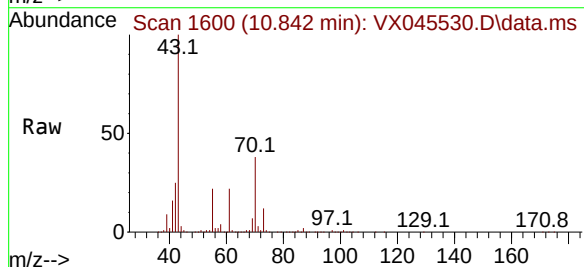
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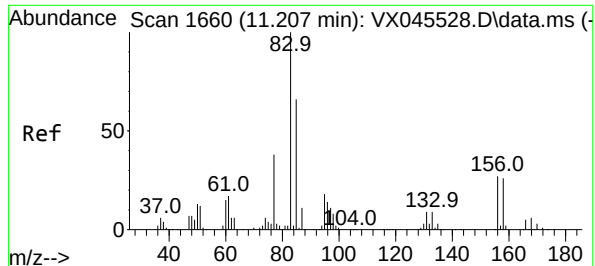
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#74
N-ethyl acetate
Concen: 173.877 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

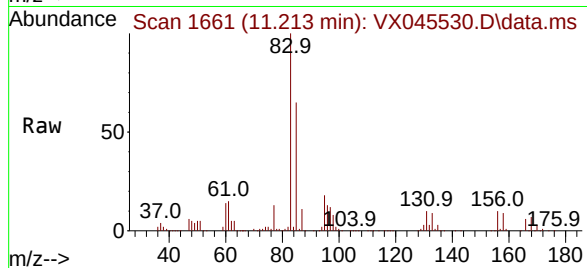
Tgt Ion: 43 Resp: 408934
Ion Ratio Lower Upper
43 100
70 38.3 30.1 45.1
55 22.0 18.3 27.5
61 22.3 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 144.737 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

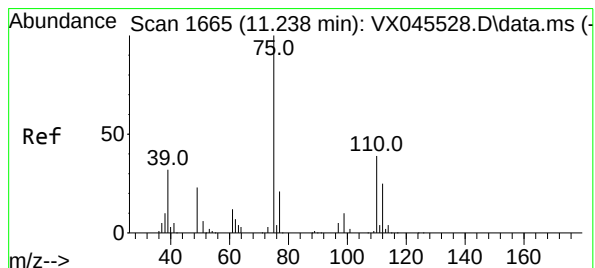
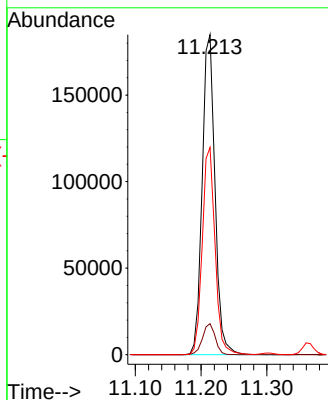
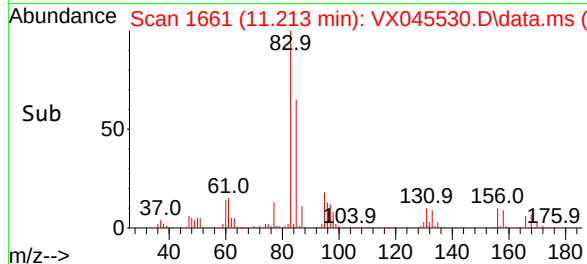
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 249980
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 64.8 32.4 97.2

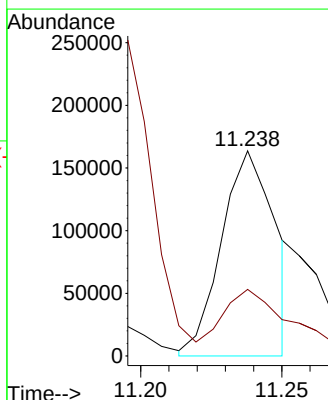
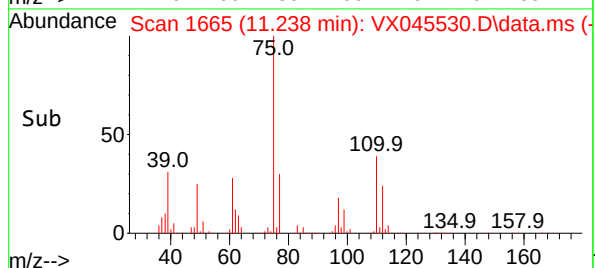
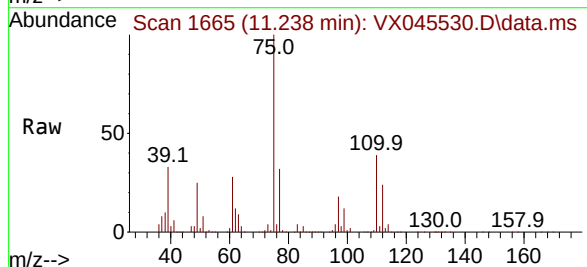
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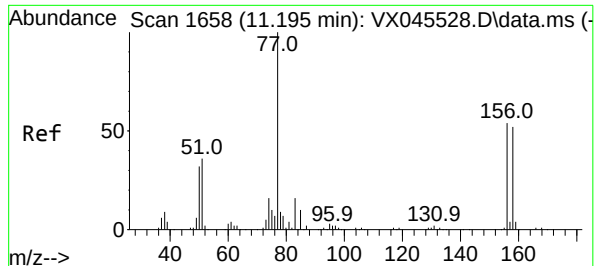
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#76
1,2,3-Trichloropropane
Concen: 144.064 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

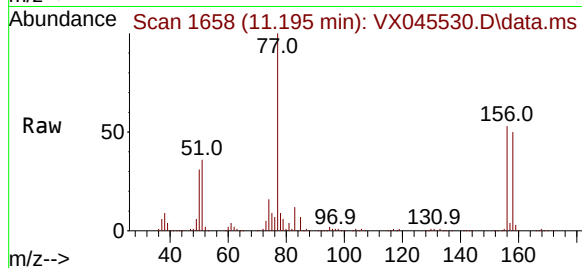
Tgt Ion: 75 Resp: 215694
Ion Ratio Lower Upper
75 100
77 42.3 20.0 59.9





#77
Bromobenzene
Concen: 151.033 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

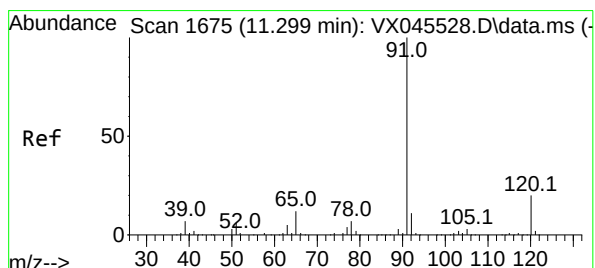
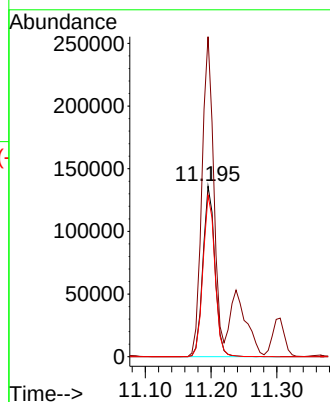
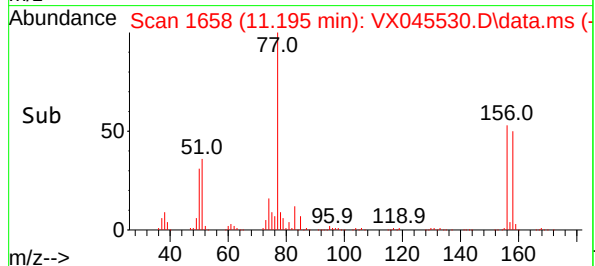
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



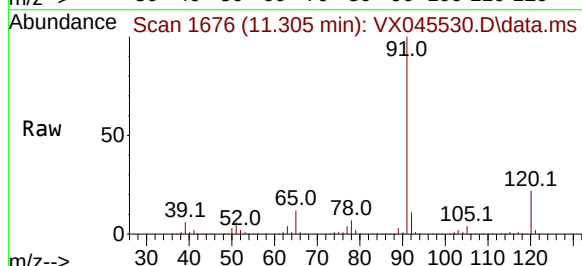
Tgt Ion:156 Resp: 17157
Ion Ratio Lower Upper
156 100
77 185.8 92.6 277.8
158 95.3 48.1 144.4

Manual Integrations
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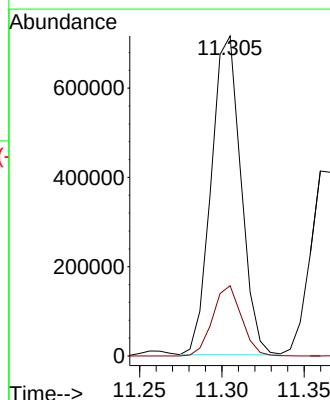
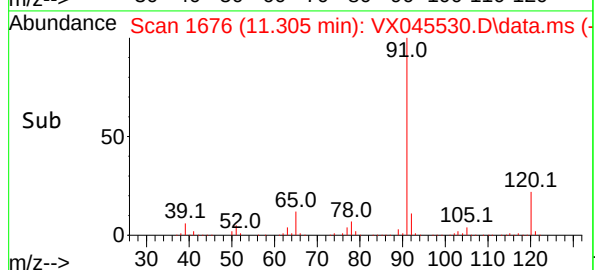
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

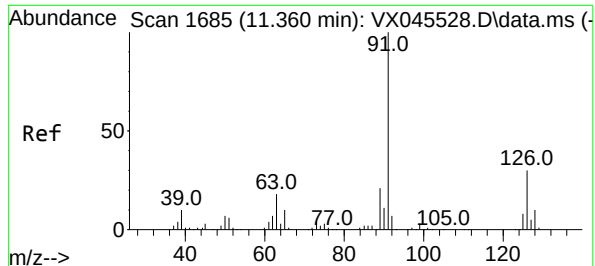


#78
n-propylbenzene
Concen: 158.408 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02



Tgt Ion: 91 Resp: 897084
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





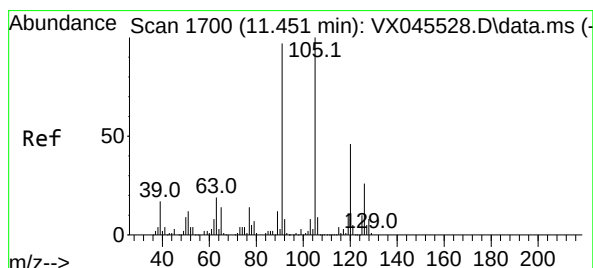
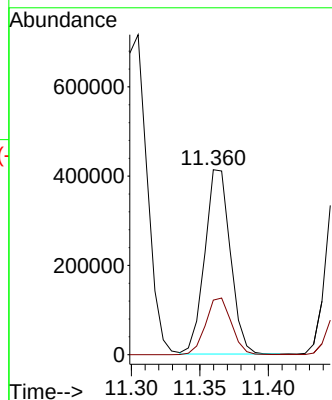
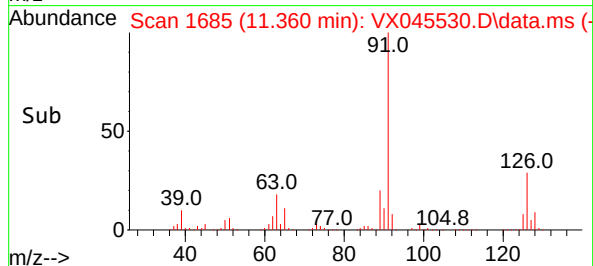
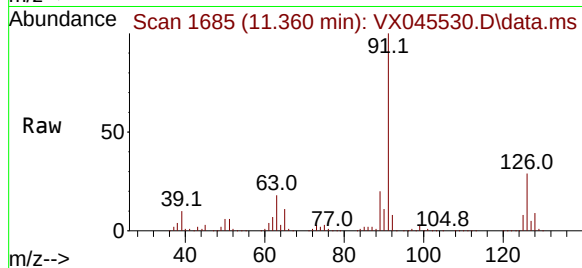
#79
2-Chlorotoluene
Concen: 148.399 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 53726
Ion Ratio Lower Upper
91 100
126 30.9 15.8 47.4

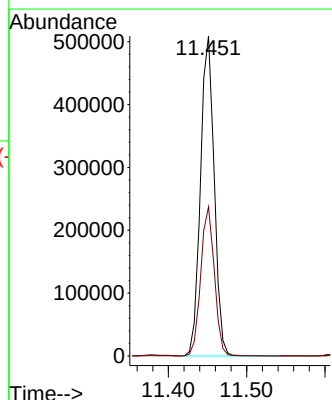
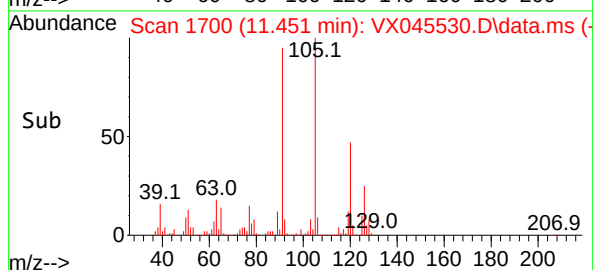
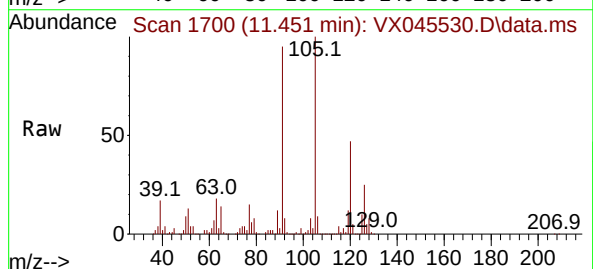
Manual Integrations
APPROVED

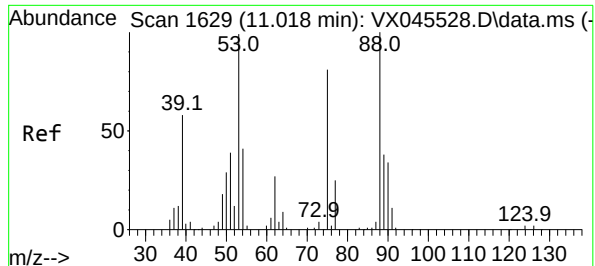
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 152.700 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

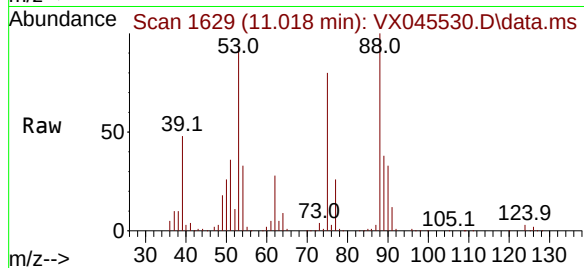
Tgt Ion:105 Resp: 620819
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 178.636 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

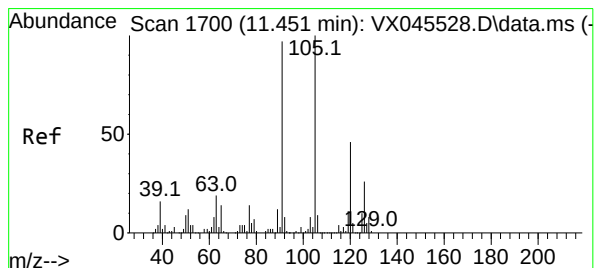
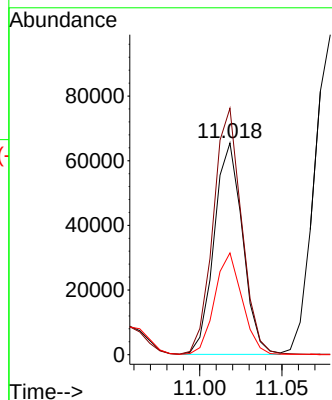
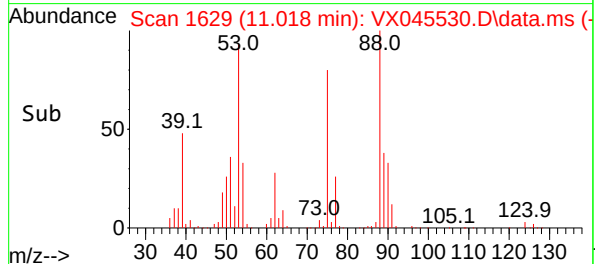
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 7880
Ion Ratio Lower Upper
75 100
53 116.0 101.8 152.6
89 46.8 37.2 55.8

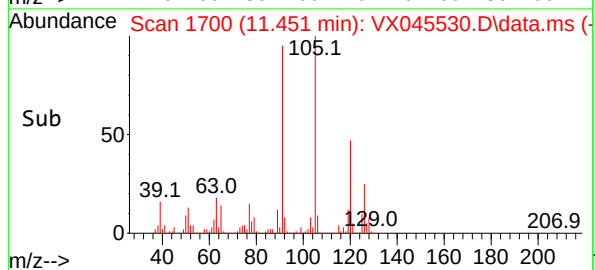
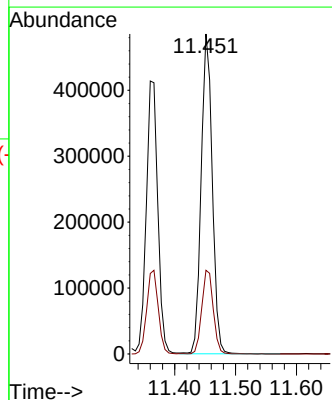
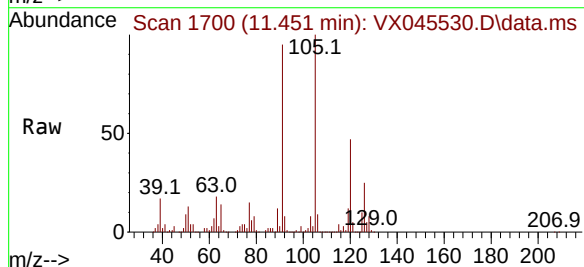
Manual Integrations
APPROVED

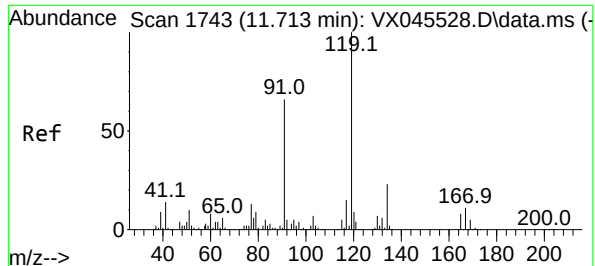
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#82
4-Chlorotoluene
Concen: 152.505 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

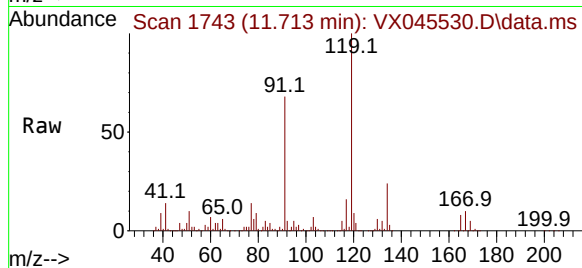
Tgt Ion: 91 Resp: 615594
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83
tert-Butylbenzene
Concen: 155.783 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

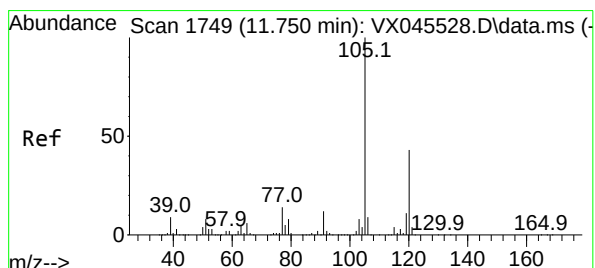
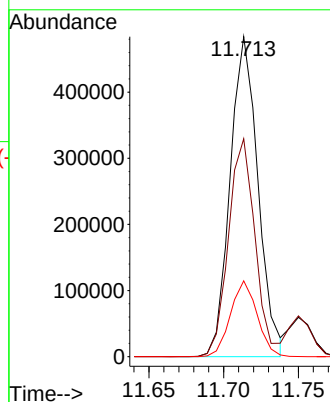
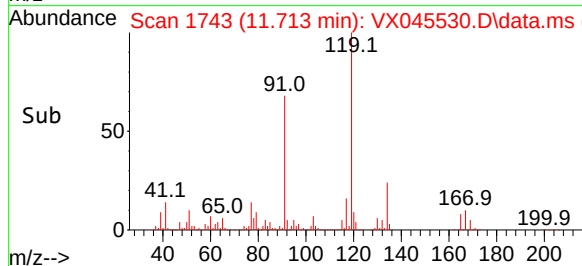
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 627039
Ion Ratio Lower Upper
119 100
91 65.2 32.4 97.2
134 22.7 11.5 34.5

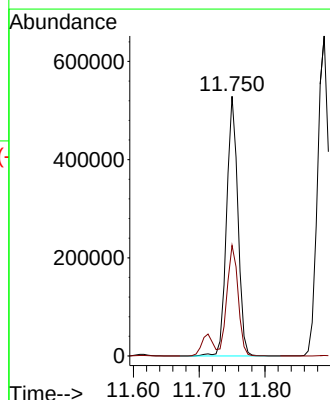
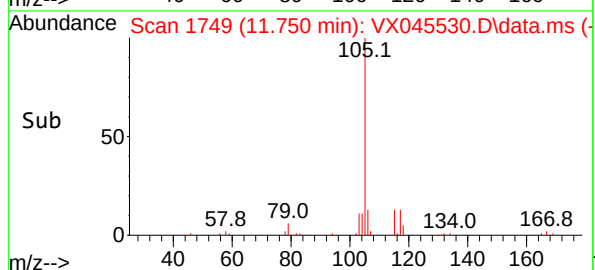
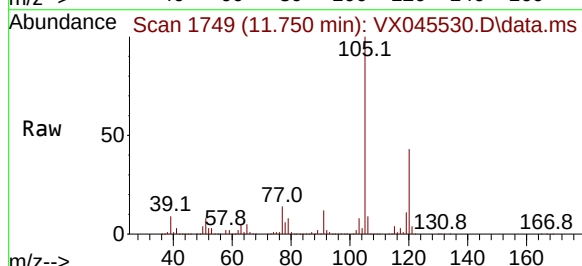
Manual Integrations
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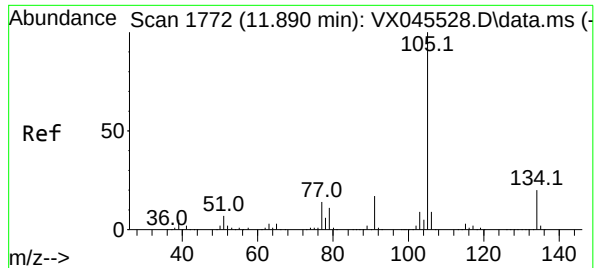
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 154.317 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

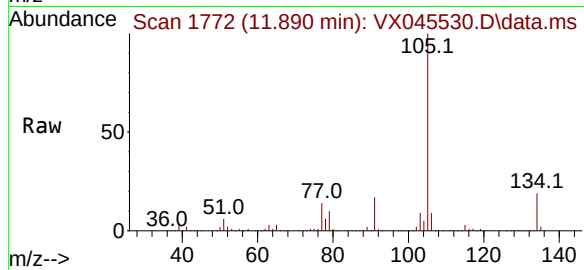
Tgt Ion:105 Resp: 629704
Ion Ratio Lower Upper
105 100
120 42.7 21.4 64.3





#85
sec-Butylbenzene
Concen: 159.869 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

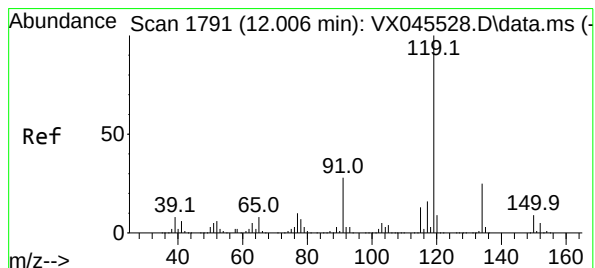
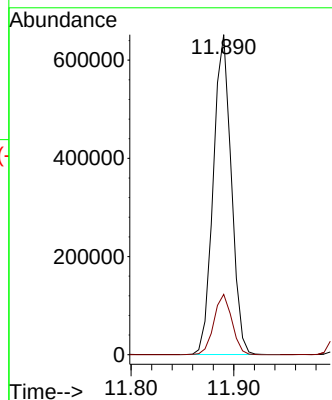
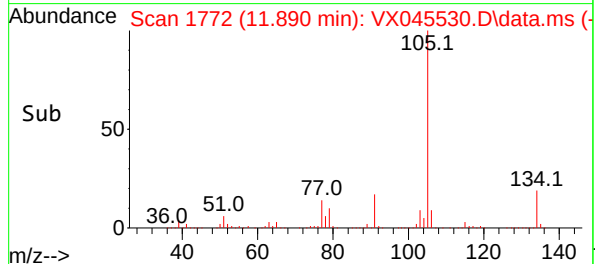
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:105 Resp: 790351
Ion Ratio Lower Upper
105 100
134 18.9 9.6 28.6

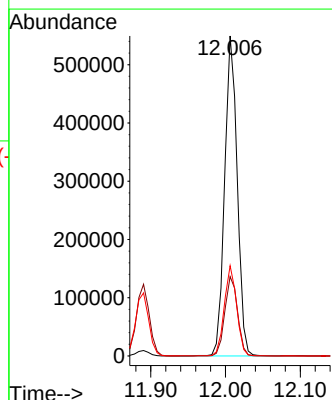
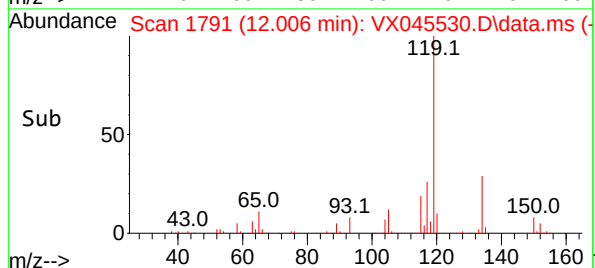
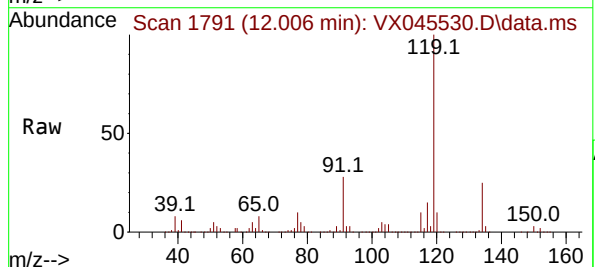
Manual Integrations
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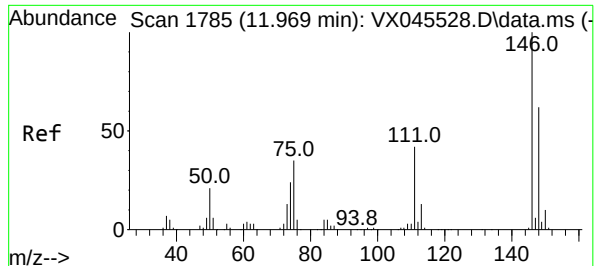
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#86
p-Isopropyltoluene
Concen: 157.397 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:119 Resp: 641521
Ion Ratio Lower Upper
119 100
134 25.3 12.6 37.8
91 27.6 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 151.885 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 31407

Ion Ratio Lower Upper

146 100

111 44.6 22.2 66.6

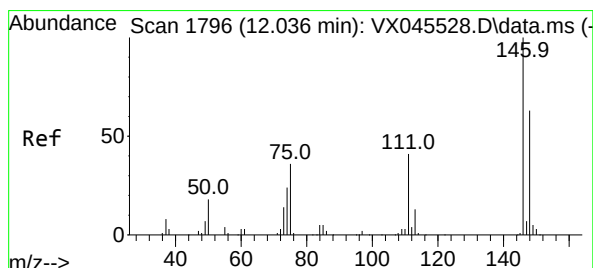
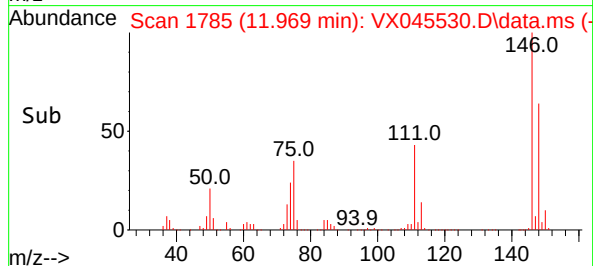
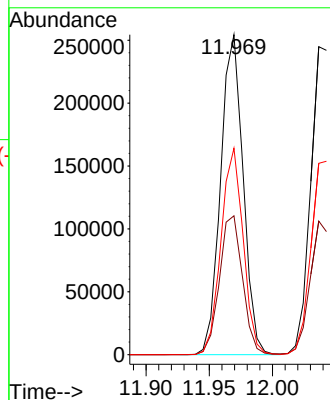
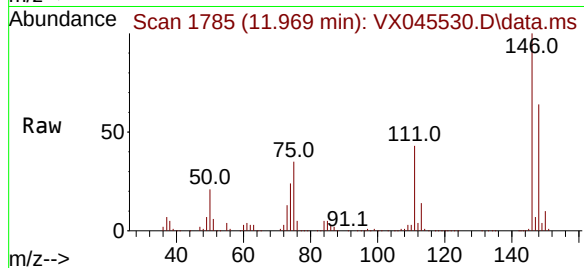
148 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#88

1,4-Dichlorobenzene

Concen: 149.876 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

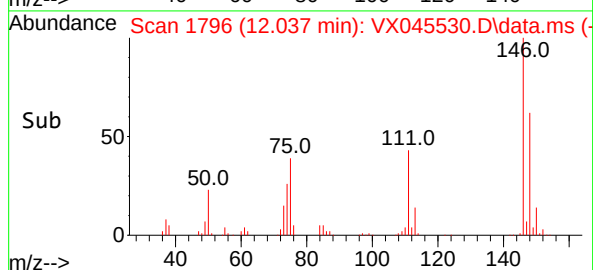
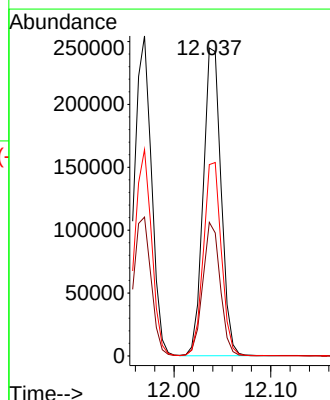
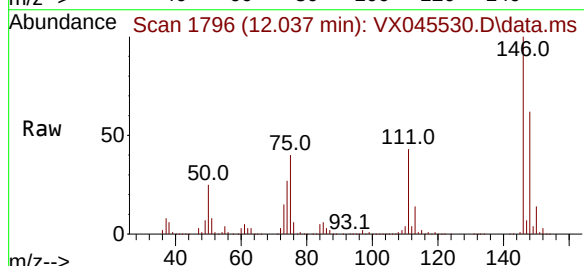
Tgt Ion:146 Resp: 314197

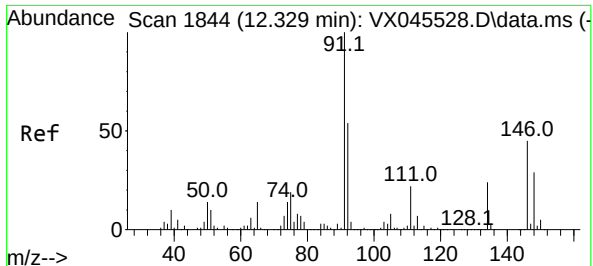
Ion Ratio Lower Upper

146 100

111 42.3 20.9 62.8

148 63.5 31.5 94.5





#89

n-Butylbenzene

Concen: 171.019 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 60444

Ion Ratio Lower Upper

91 100

92 53.9 26.9 80.6

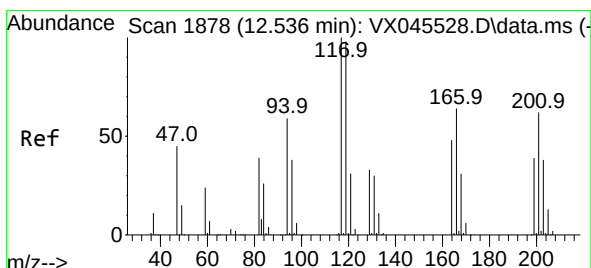
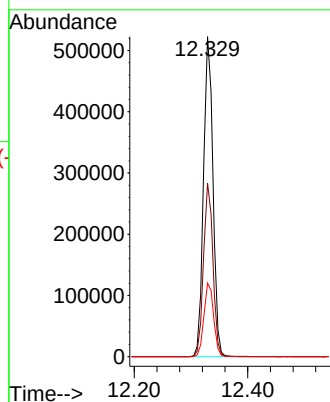
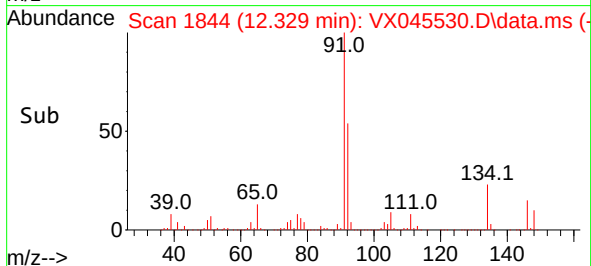
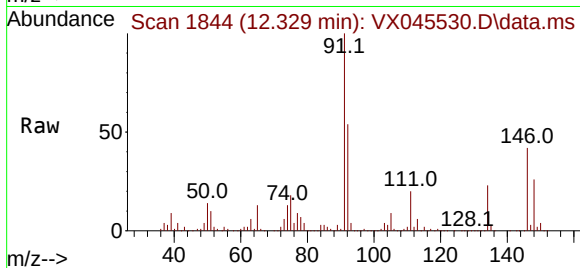
134 23.6 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#90

Hexachloroethane

Concen: 173.829 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045530.D

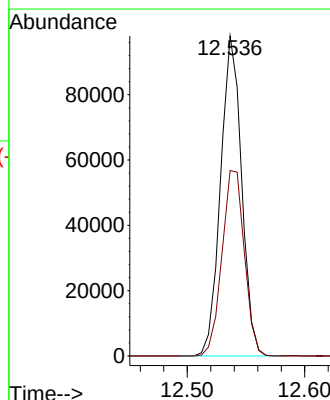
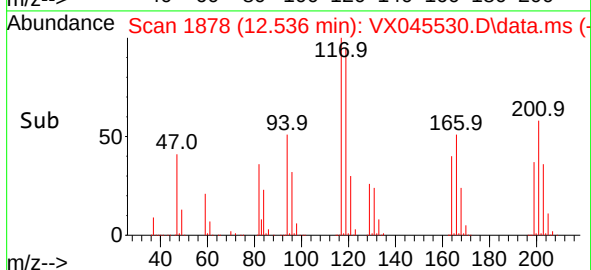
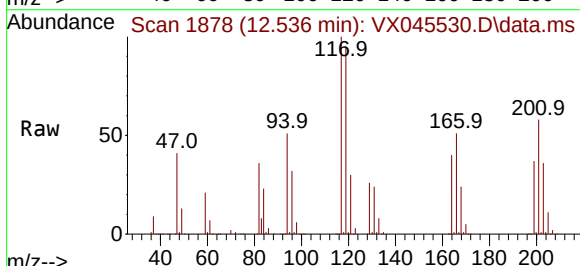
Acq: 01 Apr 2025 19:02

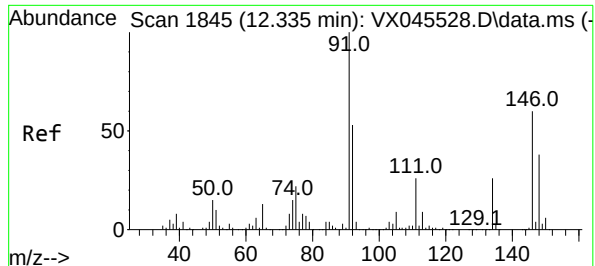
Tgt Ion:117 Resp: 121761

Ion Ratio Lower Upper

117 100

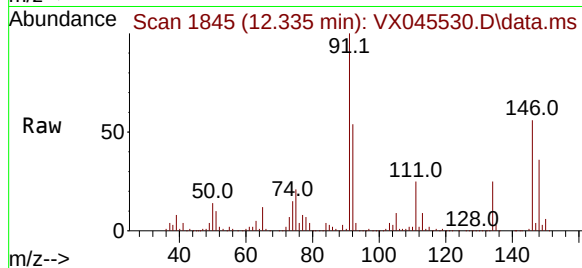
201 61.9 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 149.342 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

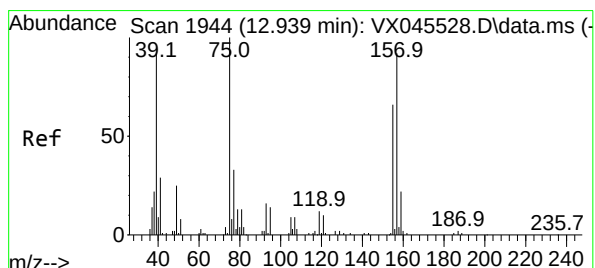
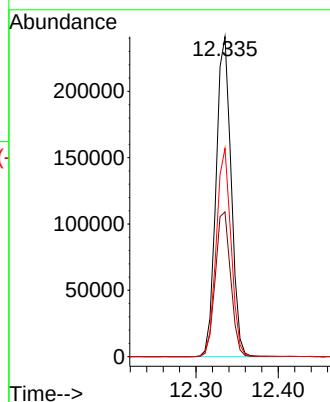
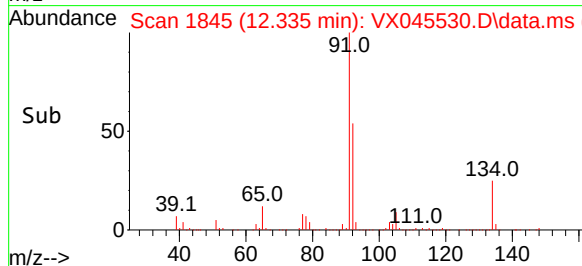
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 30703
Ion Ratio Lower Upper
146 100
111 46.3 22.9 68.8
148 63.8 31.9 95.5

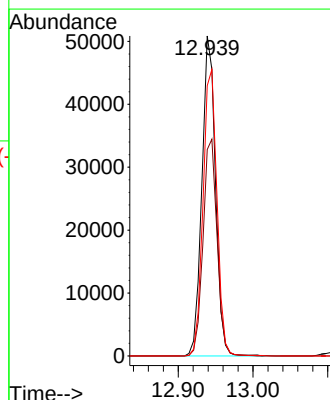
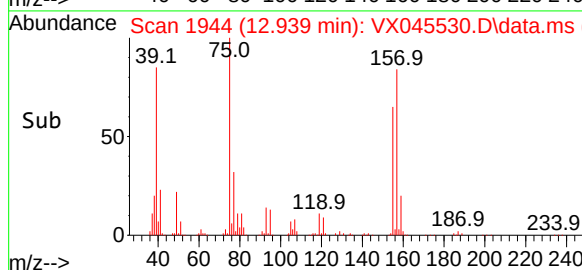
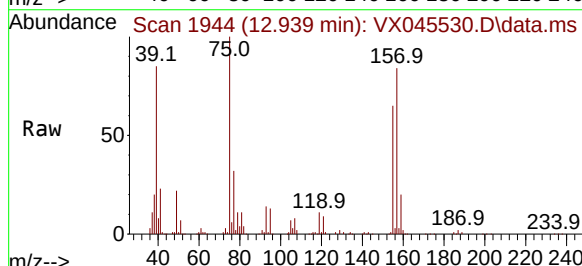
Manual Integrations
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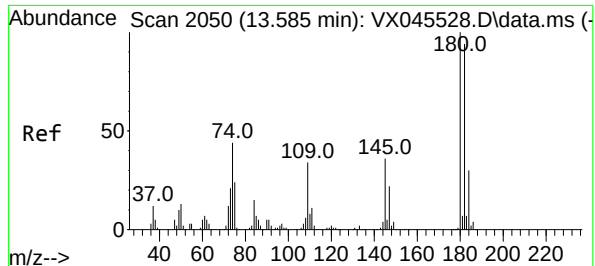
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 178.062 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 75 Resp: 64317
Ion Ratio Lower Upper
75 100
155 69.7 34.9 104.7
157 91.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 174.213 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 19936

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.6

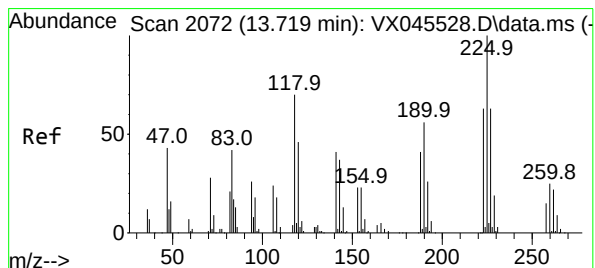
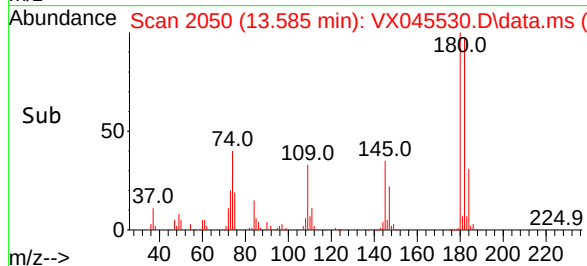
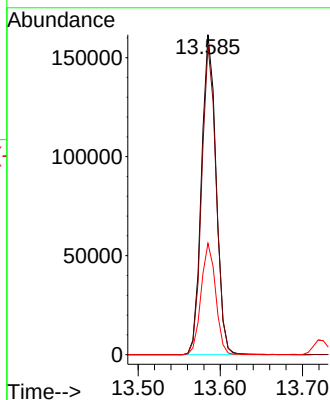
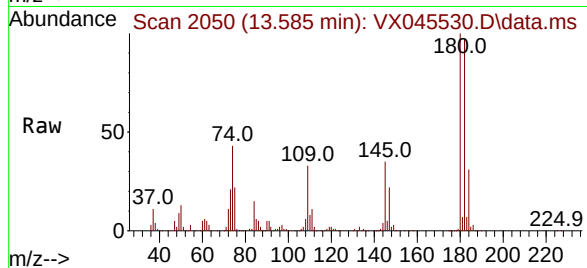
145 34.6 17.9 53.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#94

Hexachlorobutadiene

Concen: 157.752 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX045530.D

Acq: 01 Apr 2025 19:02

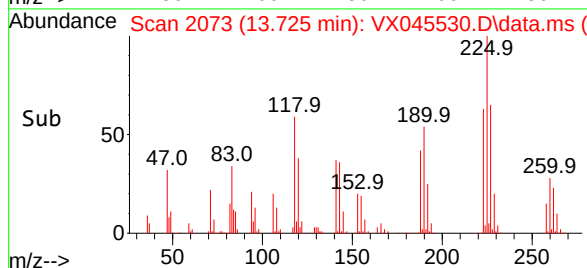
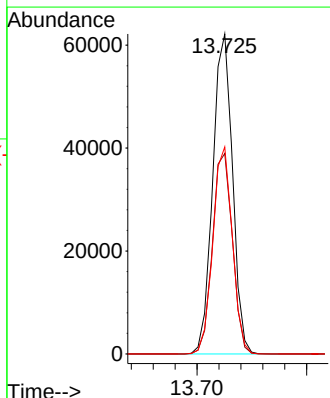
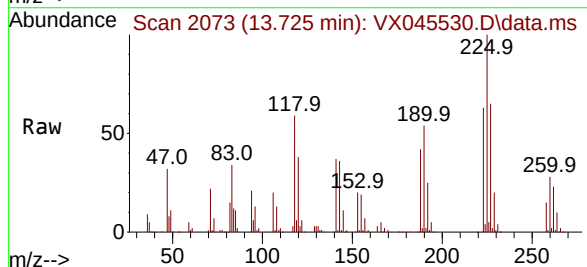
Tgt Ion:225 Resp: 77792

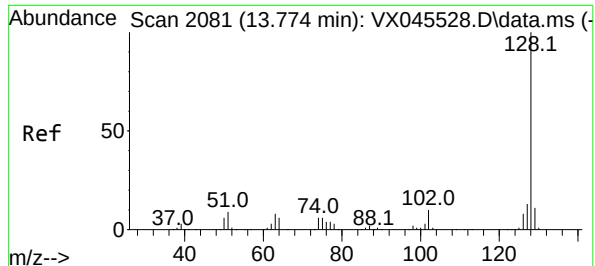
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.3

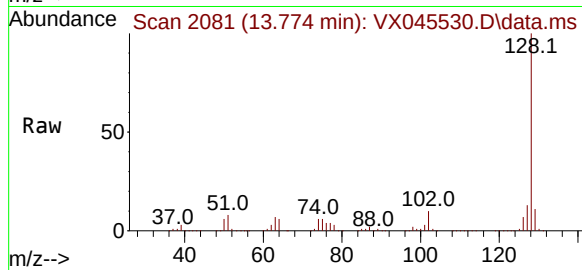
227 63.8 32.2 96.6





#95
Naphthalene
Concen: 172.191 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

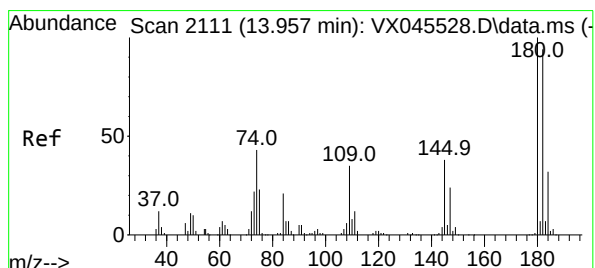
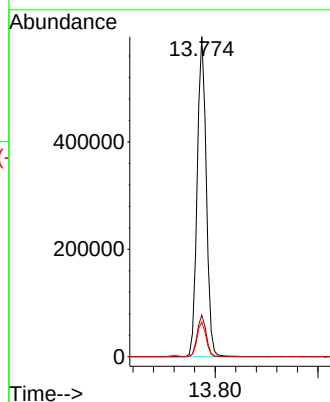
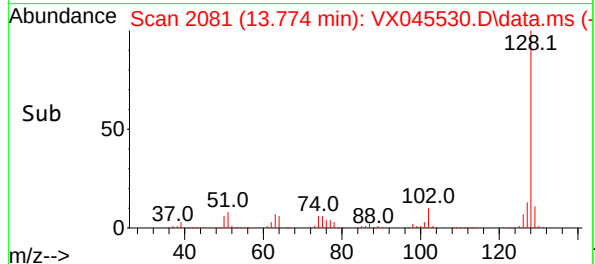
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 733300
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 12.8

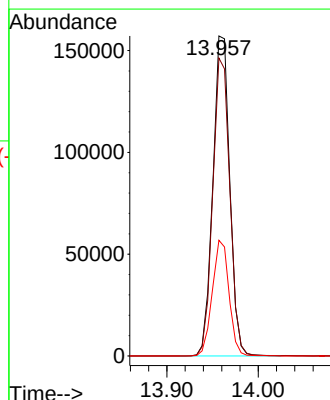
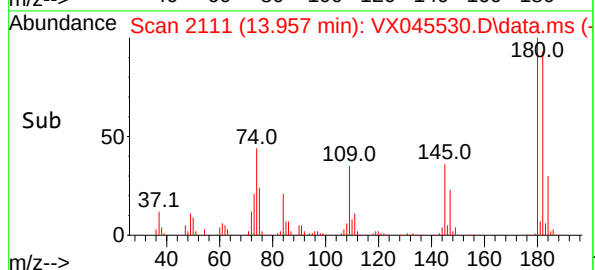
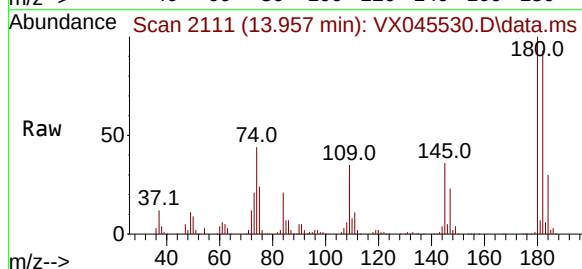
Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 168.562 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:180 Resp: 201989
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 35.8 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89251	50.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	5.379	113	61107	49.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.647	98	217200	50.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	80376	50.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76070	52.454	ug/l	97
3) Chloromethane	1.301	50	72033	48.349	ug/l	99
4) Vinyl Chloride	1.374	62	66559	48.816	ug/l	99
5) Bromomethane	1.593	94	30379	46.991	ug/l	99
6) Chloroethane	1.672	64	37317	51.586	ug/l	100
7) Trichlorofluoromethane	1.880	101	102379	50.354	ug/l	96
8) Diethyl Ether	2.130	74	33603	49.228	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	59007	49.528	ug/l	98
10) Methyl Iodide	2.447	142	72261	48.626	ug/l	99
11) Tert butyl alcohol	2.971	59	58774	246.612	ug/l	99
12) 1,1-Dichloroethene	2.313	96	57888	49.726	ug/l	99
13) Acrolein	2.233	56	78156	238.141	ug/l	99
14) Allyl chloride	2.660	41	111636	50.541	ug/l	99
15) Acrylonitrile	3.062	53	186837	248.351	ug/l	100
16) Acetone	2.380	43	176153	241.904	ug/l	99
17) Carbon Disulfide	2.508	76	149677	52.057	ug/l	100
18) Methyl Acetate	2.703	43	81720	48.742	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	207487	50.950	ug/l	100
20) Methylene Chloride	2.782	84	66875	49.055	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	59229	49.800	ug/l	98
22) Diisopropyl ether	3.757	45	221449	50.895	ug/l	92
23) Vinyl Acetate	3.715	43	1005423	267.449	ug/l	99
24) 1,1-Dichloroethane	3.605	63	122240	49.677	ug/l	99
25) 2-Butanone	4.550	43	271686	254.882	ug/l	97
26) 2,2-Dichloropropane	4.471	77	82704	52.020	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71072	49.049	ug/l	98
28) Bromochloromethane	4.891	49	57557	48.403	ug/l	99
29) Tetrahydrofuran	5.001	42	172405	249.473	ug/l	100
30) Chloroform	5.086	83	125621	49.614	ug/l	98
31) Cyclohexane	5.458	56	107862	49.583	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	107830	50.330	ug/l	99
36) 1,1-Dichloropropene	5.684	75	83901	50.088	ug/l	99
37) Ethyl Acetate	4.708	43	105095	49.787	ug/l	98
38) Carbon Tetrachloride	5.672	117	91723	50.667	ug/l	100
39) Methylcyclohexane	7.373	83	102919	50.124	ug/l	99
40) Benzene	6.031	78	251758	49.212	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59140	53.098	ug/l	99
42) 1,2-Dichloroethane	6.080	62	103270	48.875	ug/l	100
43) Isopropyl Acetate	6.336	43	164894	51.539	ug/l	100
44) Trichloroethene	7.123	130	57931	47.643	ug/l	92
45) 1,2-Dichloropropane	7.421	63	63210	49.521	ug/l	95
46) Dibromomethane	7.574	93	47564	48.542	ug/l	97
47) Bromodichloromethane	7.818	83	96418	49.273	ug/l	96
48) Methyl methacrylate	7.690	41	85084	51.507	ug/l	99
49) 1,4-Dioxane	7.659	88	28552	955.327	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	540822	254.994	ug/l	100
52) Toluene	8.714	92	151664	48.994	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	87744	46.783	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	99074	53.878	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	60452	49.007	ug/l	97
56) Ethyl methacrylate	9.116	69	102525	53.705	ug/l	100
57) 1,3-Dichloropropane	9.305	76	107121	49.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	251285	260.201	ug/l	99
59) 2-Hexanone	9.427	43	395336	251.710	ug/l	100
60) Dibromochloromethane	9.519	129	68562	50.983	ug/l	99
61) 1,2-Dibromoethane	9.604	107	63301	50.693	ug/l	100
64) Tetrachloroethene	9.269	164	50834	47.239	ug/l	99
65) Chlorobenzene	10.073	112	163518	50.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	57096	50.495	ug/l	99
67) Ethyl Benzene	10.189	91	300747	51.558	ug/l	100
68) m/p-Xylenes	10.299	106	217943	102.728	ug/l	99
69) o-Xylene	10.640	106	107947	51.650	ug/l	100
70) Styrene	10.653	104	181524	52.624	ug/l	100
71) Bromoform	10.799	173	44489	52.694	ug/l #	98
73) Isopropylbenzene	10.957	105	286010	52.794	ug/l	100
74) N-amyl acetate	10.842	43	140941	54.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	92505	48.608	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82060m	49.741	ug/l	
77) Bromobenzene	11.195	156	63244	50.525	ug/l	98
78) n-propylbenzene	11.299	91	336753	53.967	ug/l	100
79) 2-Chlorotoluene	11.360	91	203677	51.057	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	239822	53.534	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25511	52.482	ug/l	98
82) 4-Chlorotoluene	11.451	91	233159	52.422	ug/l	100
83) tert-Butylbenzene	11.713	119	236276	53.274	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	238257	52.990	ug/l	100
85) sec-Butylbenzene	11.890	105	293633	53.903	ug/l	100
86) p-Isopropyltoluene	12.006	119	244031	54.337	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	115113	50.521	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	113458	49.117	ug/l	97
89) n-Butylbenzene	12.329	91	214931	55.189	ug/l	99
90) Hexachloroethane	12.536	117	41729	54.066	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	113126	49.938	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21184	53.226	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	65488	51.935	ug/l	98
94) Hexachlorobutadiene	13.725	225	27147	49.961	ug/l	99
95) Naphthalene	13.774	128	247600	52.765	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	66542	50.396	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

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

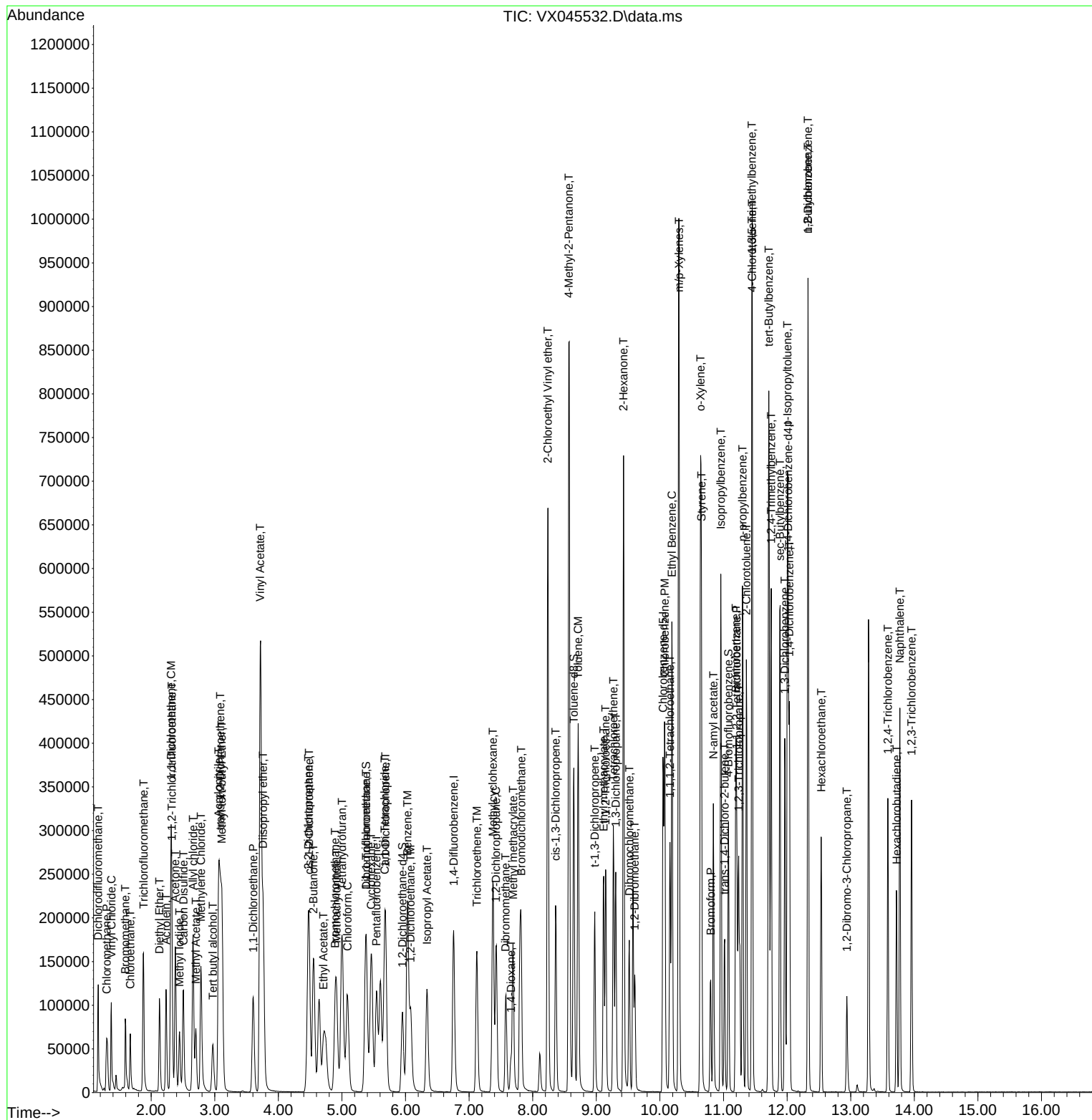
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Data File : VX045532.D  
Acq On    : 01 Apr 2025   19:48  
Operator  : JC/MD  
Sample    : VSTDICV050  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 10   Sample Multiplier: 1
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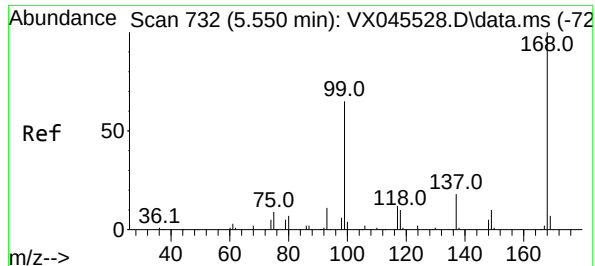
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

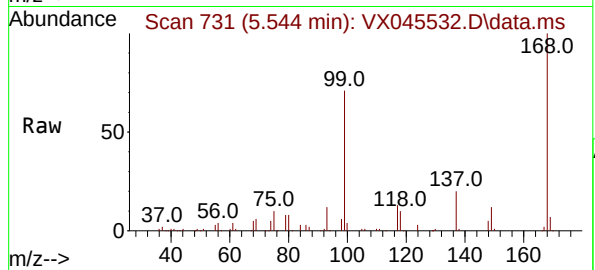
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

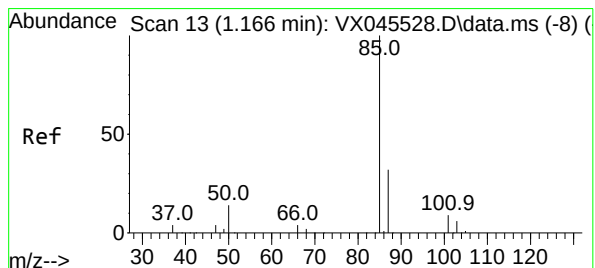
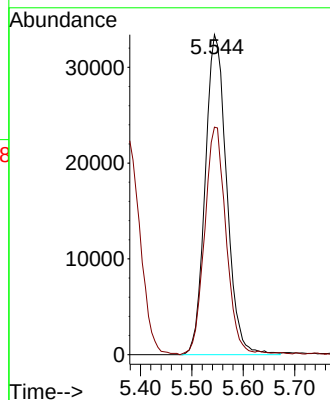
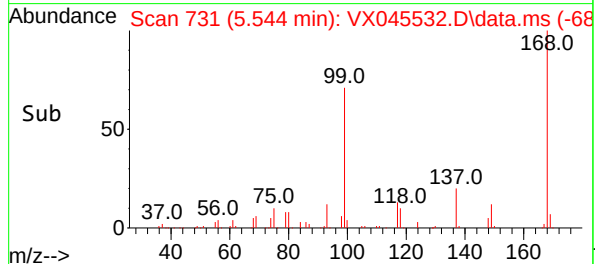
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:168 Resp: 96972
Ion Ratio Lower Upper
168 100
99 71.1 52.3 78.5

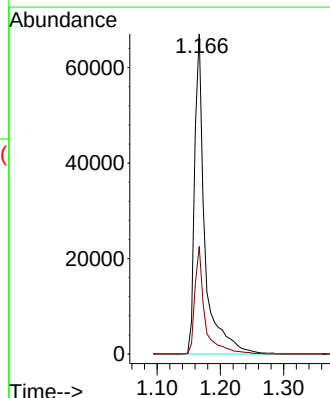
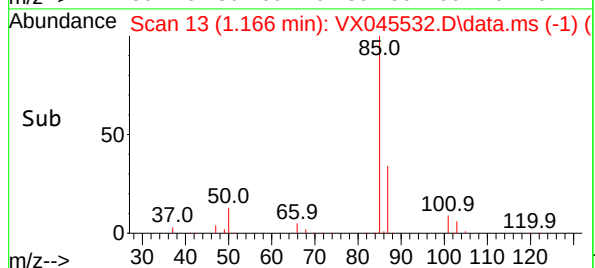
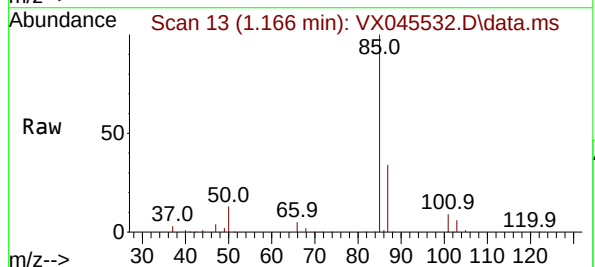
Manual Integrations
APPROVED

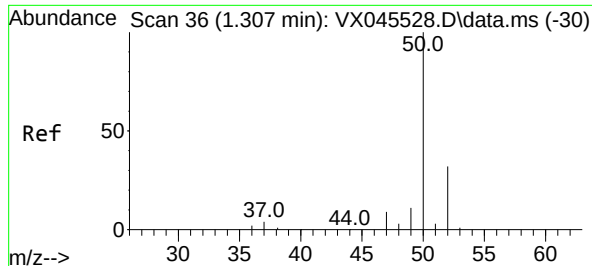
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 52.454 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 85 Resp: 76070
Ion Ratio Lower Upper
85 100
87 33.6 16.1 48.2





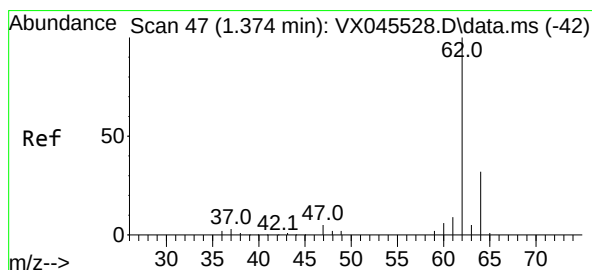
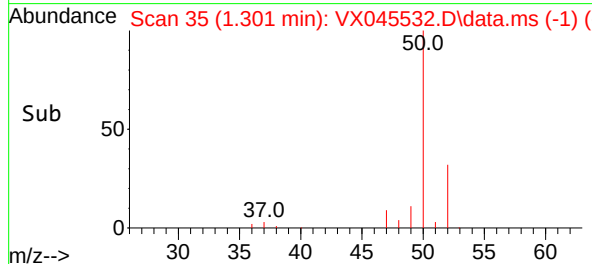
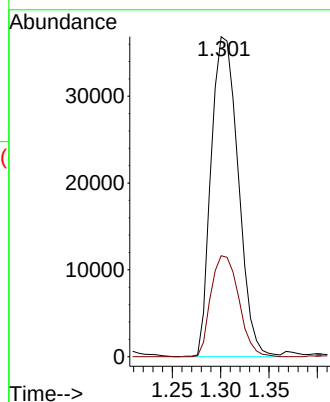
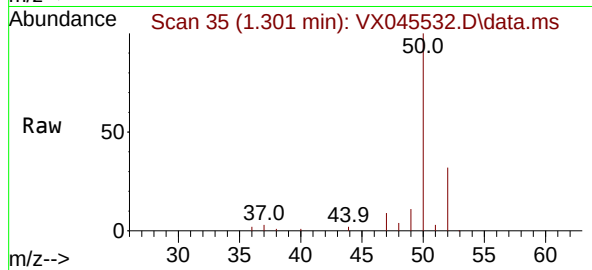
#3
Chloromethane
Concen: 48.349 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion: 50 Resp: 72033
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9

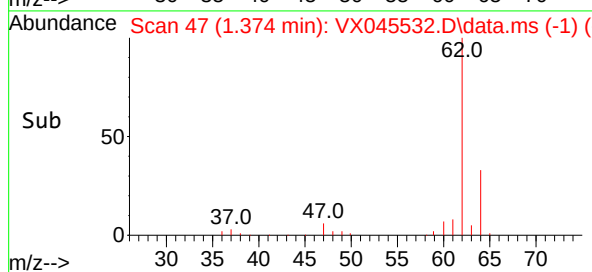
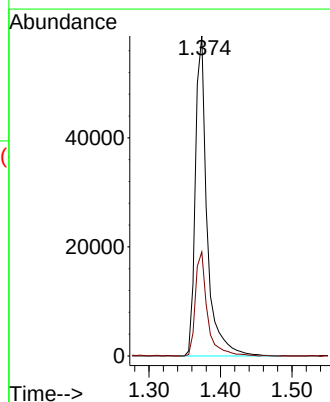
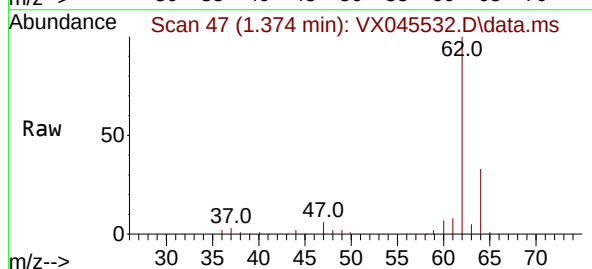
Manual Integrations
APPROVED

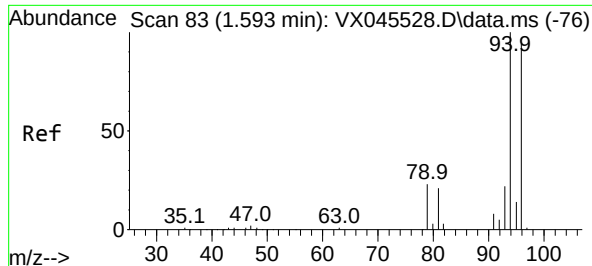
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 48.816 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

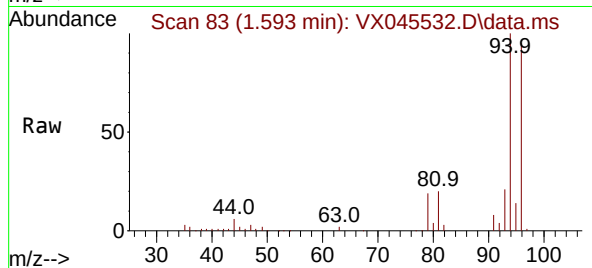
Tgt Ion: 62 Resp: 66559
Ion Ratio Lower Upper
62 100
64 32.5 25.5 38.3





#5
Bromomethane
Concen: 46.991 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

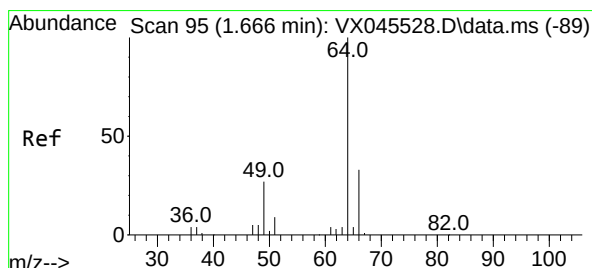
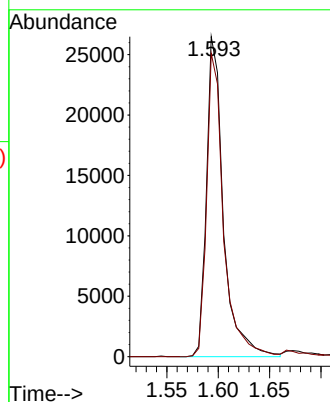
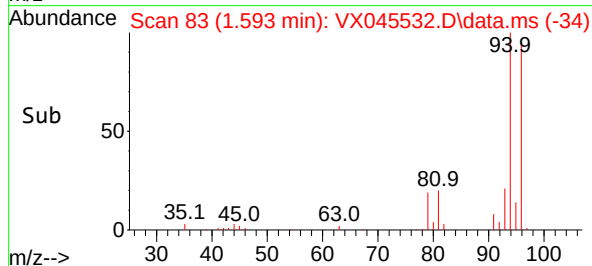
Instrument :
MSVOA_X
ClientSampleId :
ICVX040225



Tgt Ion: 94 Resp: 30379
Ion Ratio Lower Upper
94 100
96 94.7 74.8 112.2

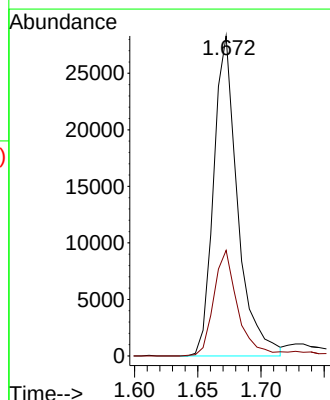
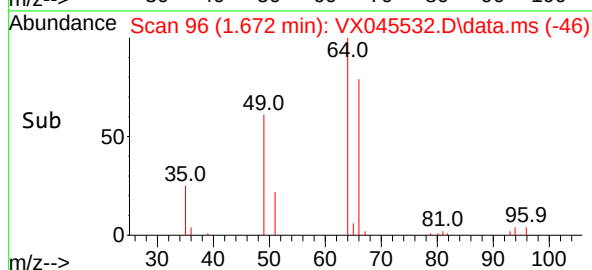
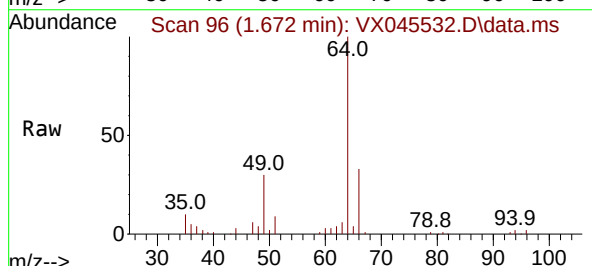
Manual Integrations
APPROVED

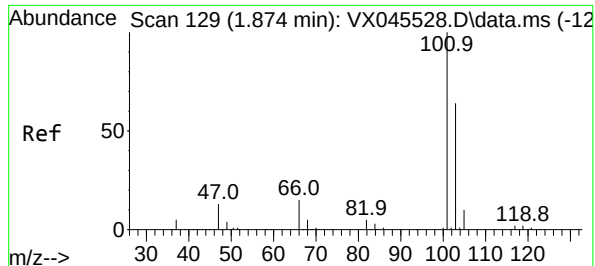
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#6
Chloroethane
Concen: 51.586 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

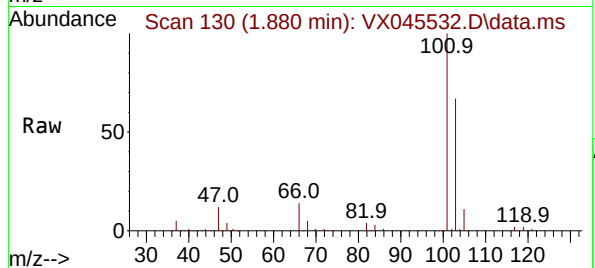
Tgt Ion: 64 Resp: 37317
Ion Ratio Lower Upper
64 100
66 33.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 50.354 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

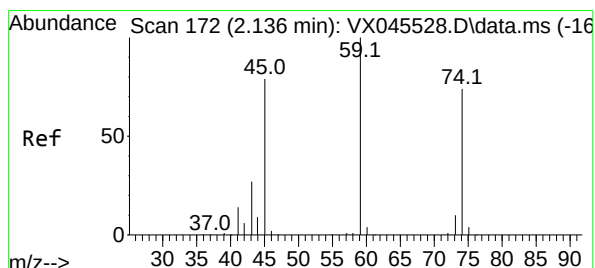
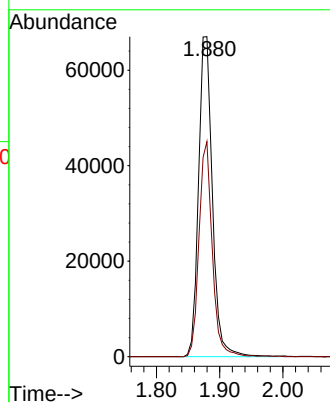
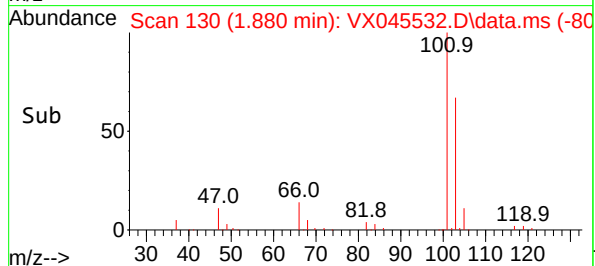
Instrument :
MSVOA_X
ClientSampleId :
ICVX040225



Tgt Ion:101 Resp: 102379
Ion Ratio Lower Upper
101 100
103 67.2 51.1 76.7

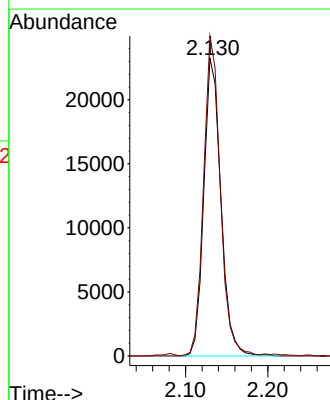
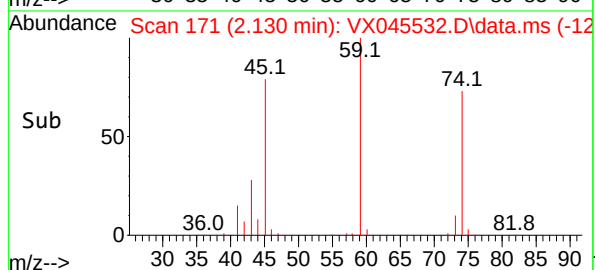
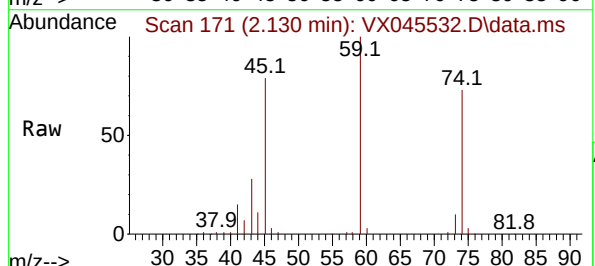
Manual Integrations
APPROVED

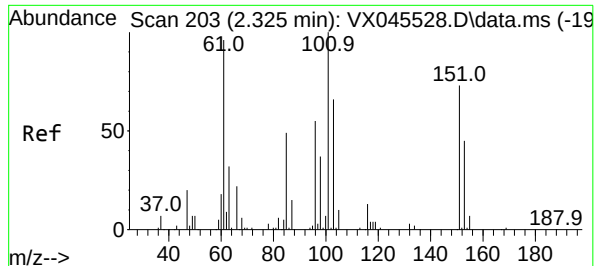
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#8
Diethyl Ether
Concen: 49.228 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

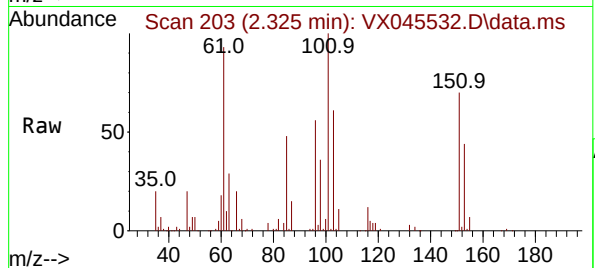
Tgt Ion: 74 Resp: 33603
Ion Ratio Lower Upper
74 100
45 105.2 53.0 159.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.528 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

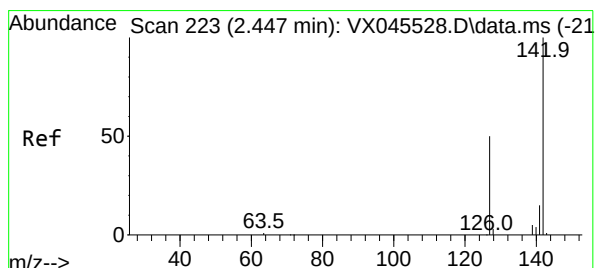
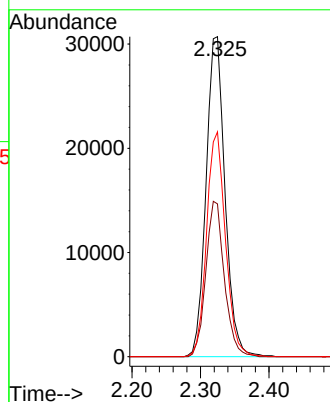
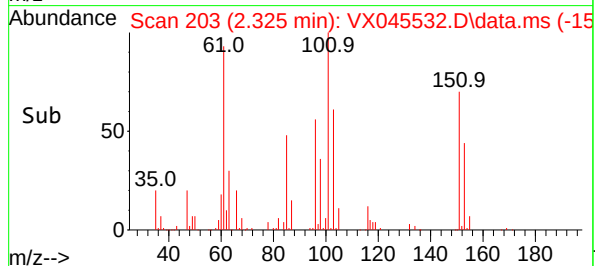
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:101 Resp: 5900
Ion Ratio Lower Upper
101 100
85 47.5 38.9 58.3
151 70.1 57.5 86.3

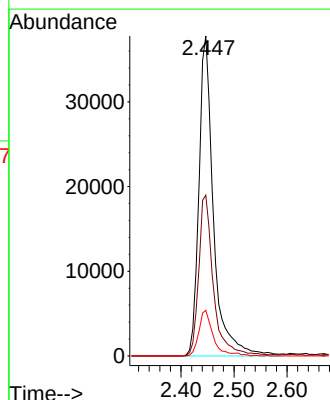
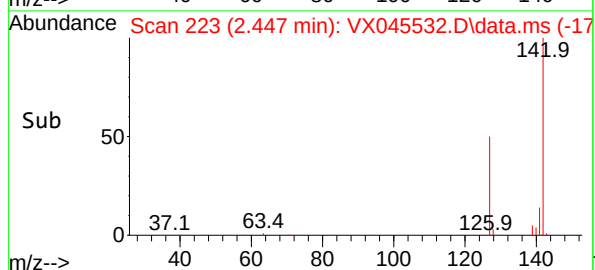
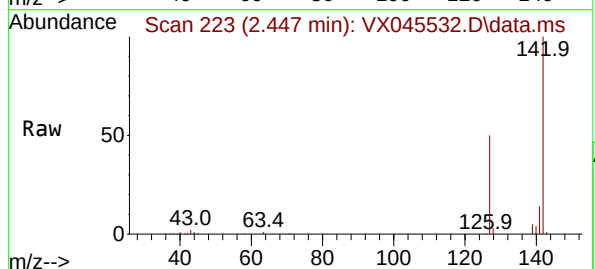
Manual Integrations
APPROVED

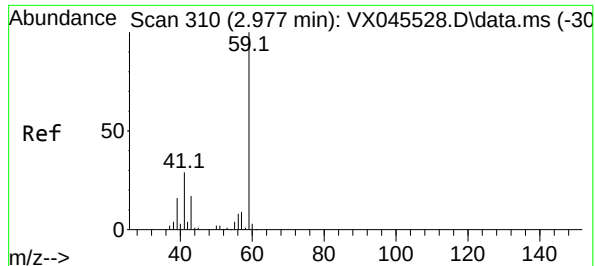
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 48.626 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:142 Resp: 72261
Ion Ratio Lower Upper
142 100
127 50.6 40.2 60.4
141 14.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 246.612 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

Tgt Ion: 59 Resp: 58774

Ion Ratio Lower Upper

59 100

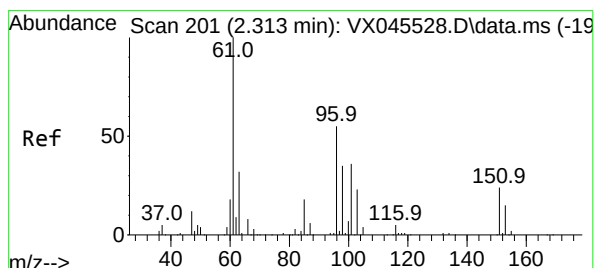
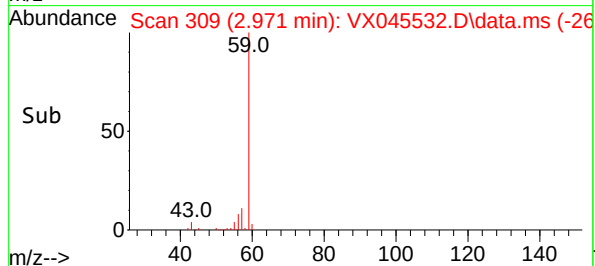
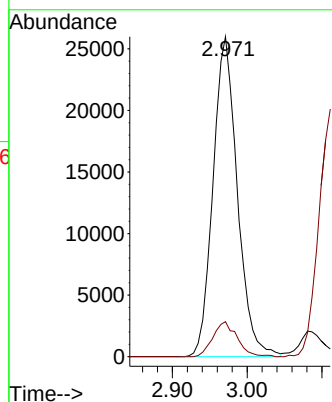
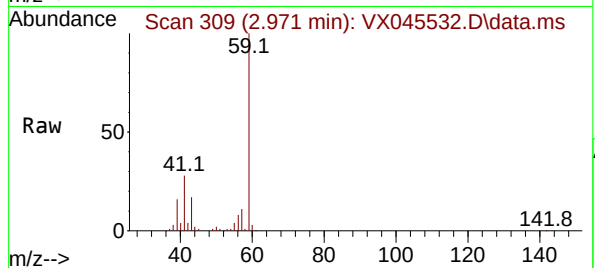
57 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#12

1,1-Dichloroethene

Concen: 49.726 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

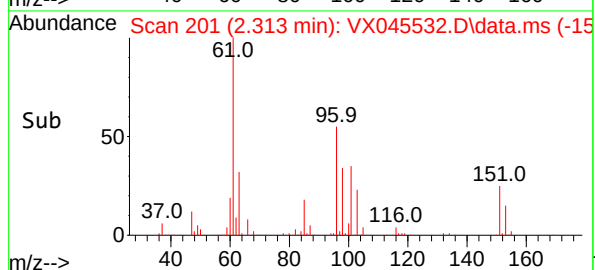
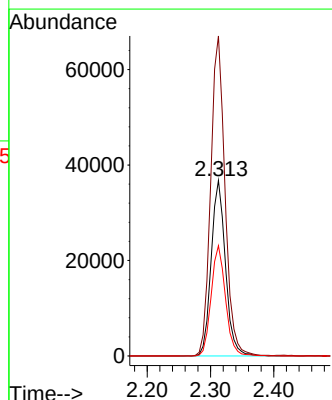
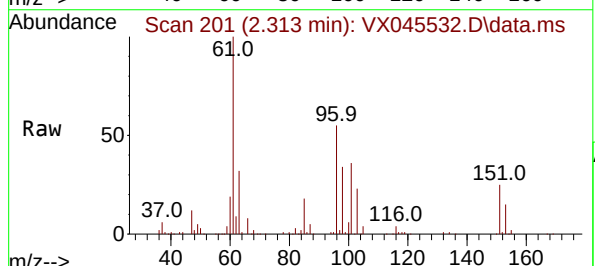
Tgt Ion: 96 Resp: 57888

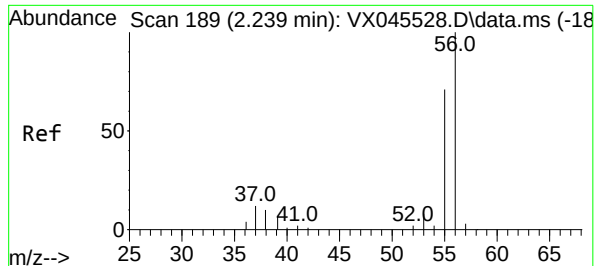
Ion Ratio Lower Upper

96 100

61 182.3 145.7 218.5

98 62.8 51.6 77.4





#13

Acrolein

Concen: 238.141 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion: 56 Resp: 78150

Ion Ratio Lower Upper

56 100

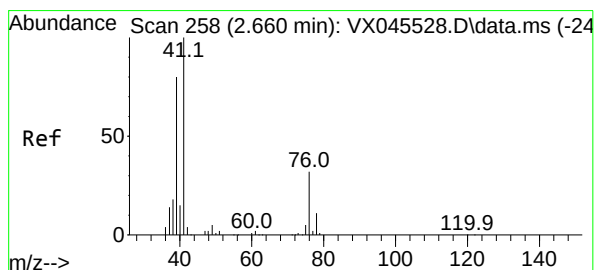
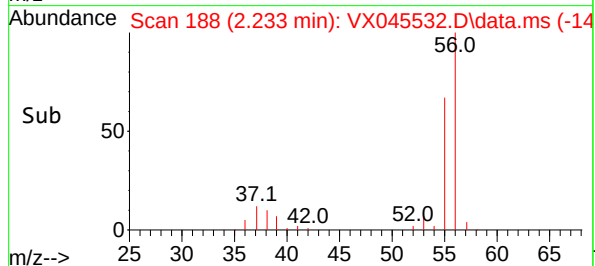
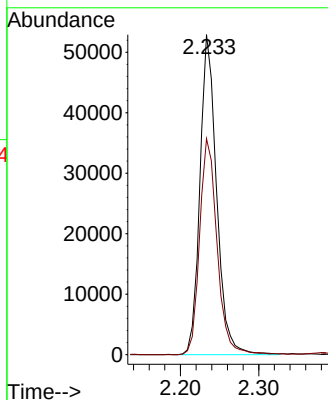
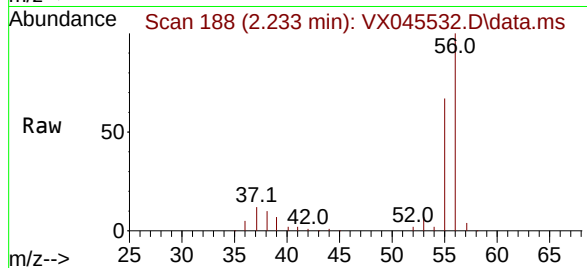
55 71.0 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#14

Allyl chloride

Concen: 50.541 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

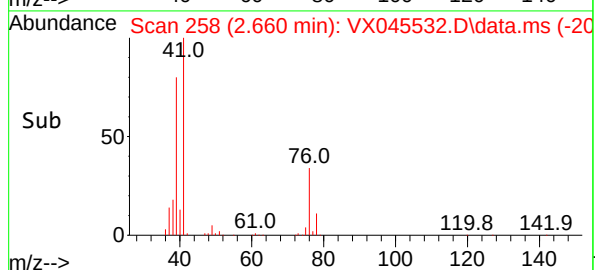
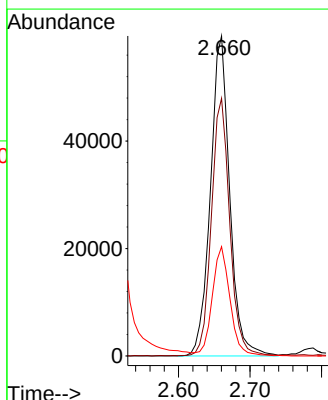
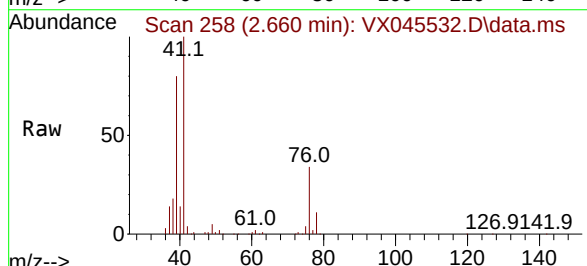
Tgt Ion: 41 Resp: 111636

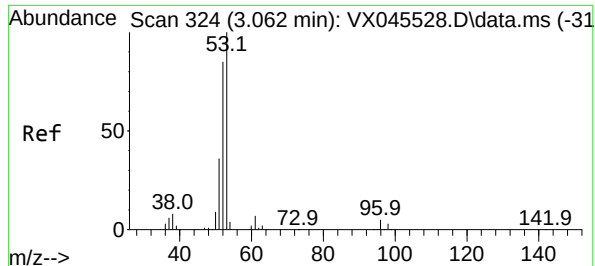
Ion Ratio Lower Upper

41 100

39 76.2 60.2 90.2

76 31.6 24.6 36.8





#15

Acrylonitrile

Concen: 248.351 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

Tgt Ion: 53 Resp: 18683

Ion Ratio Lower Upper

53 100

52 84.1 67.4 101.2

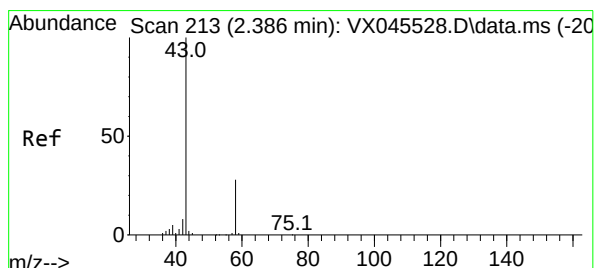
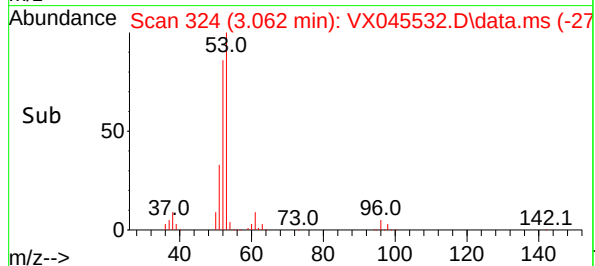
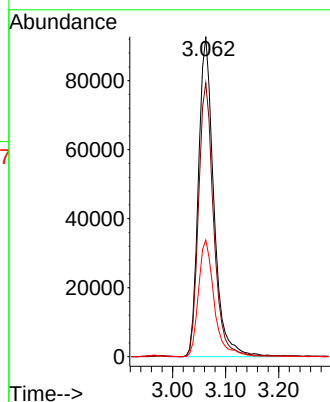
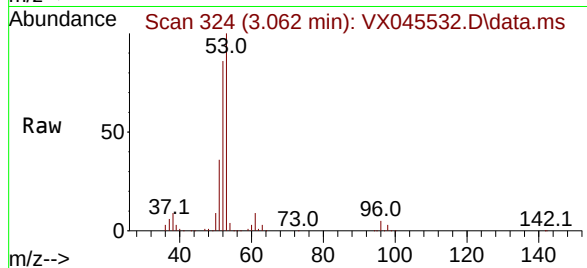
51 37.6 29.9 44.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#16

Acetone

Concen: 241.904 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045532.D

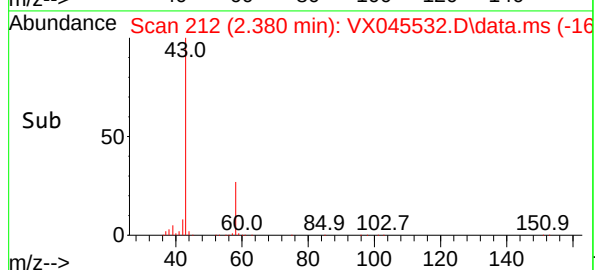
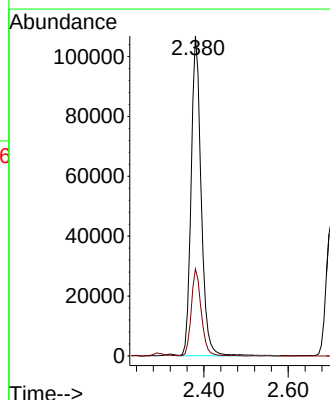
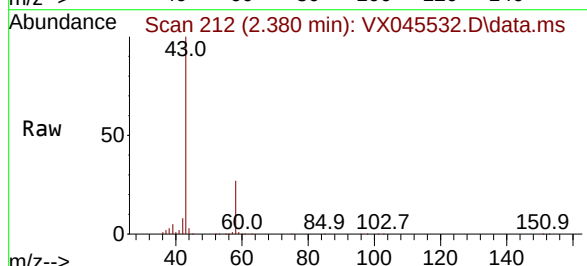
Acq: 01 Apr 2025 19:48

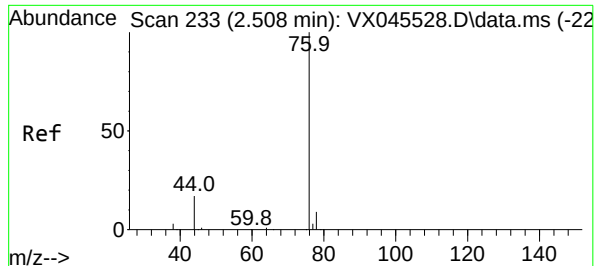
Tgt Ion: 43 Resp: 176153

Ion Ratio Lower Upper

43 100

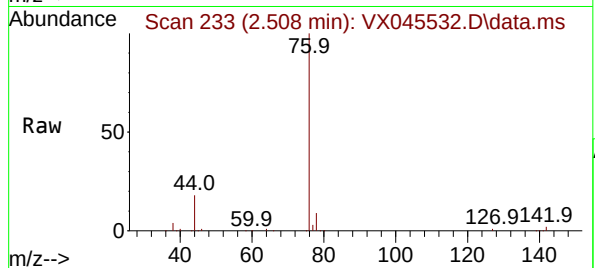
58 27.2 22.3 33.5





#17
Carbon Disulfide
Concen: 52.057 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

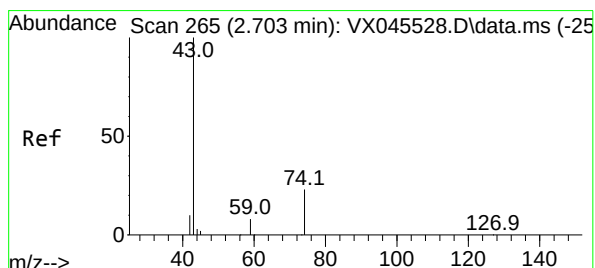
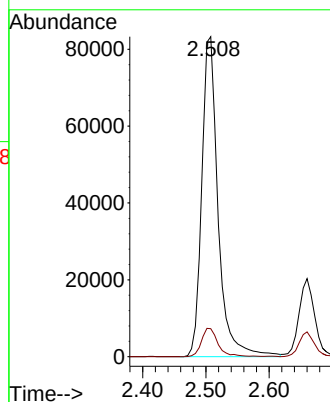
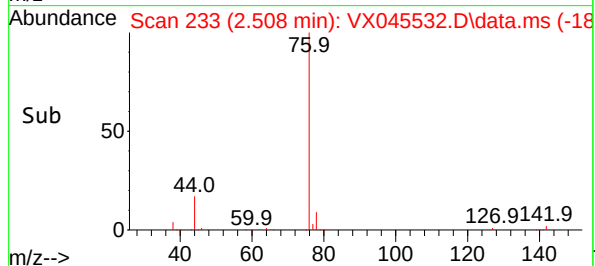
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 76 Resp: 14967
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

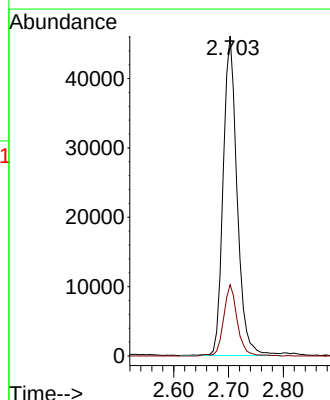
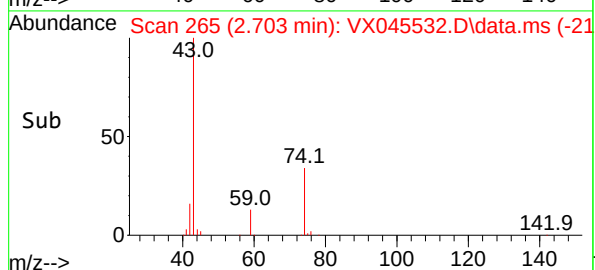
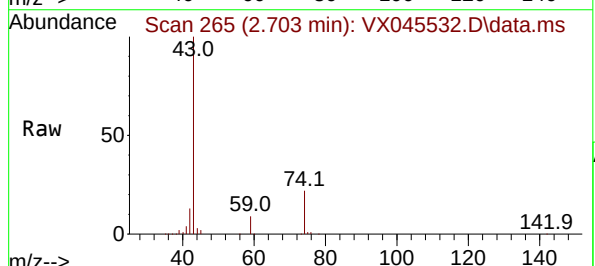
Manual Integrations
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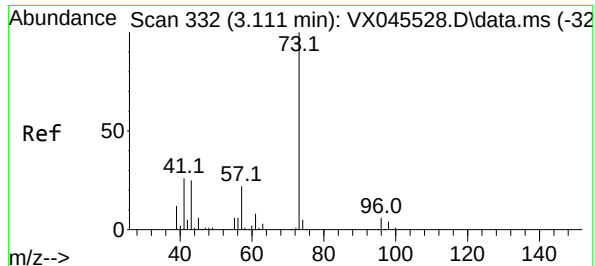
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#18
Methyl Acetate
Concen: 48.742 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

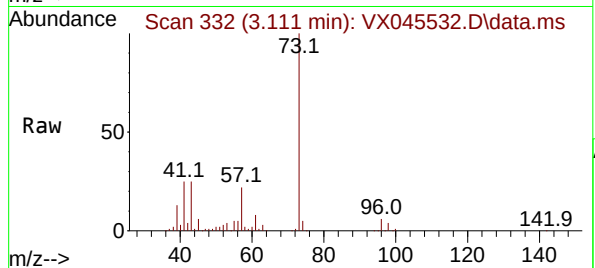
Tgt Ion: 43 Resp: 81720
Ion Ratio Lower Upper
43 100
74 21.8 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 50.950 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

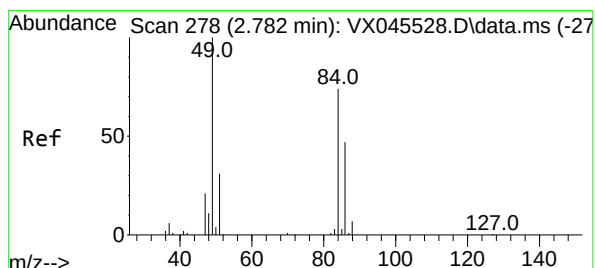
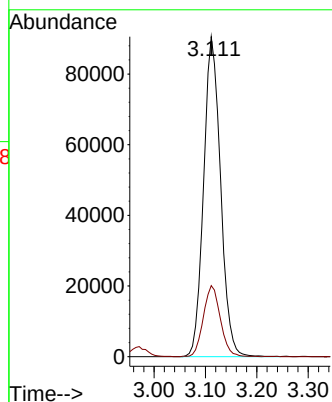
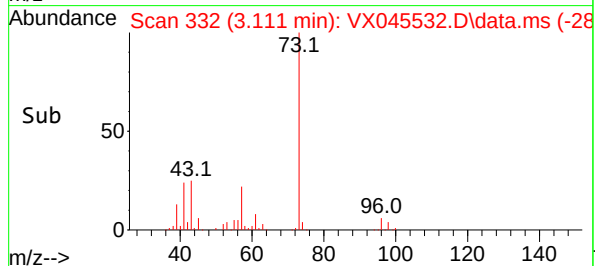
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 73 Resp: 20748
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

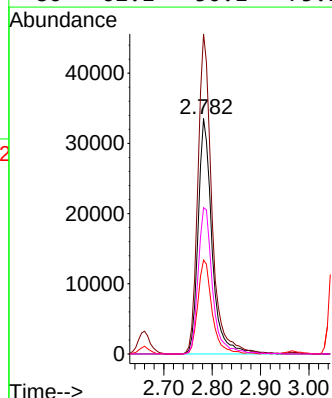
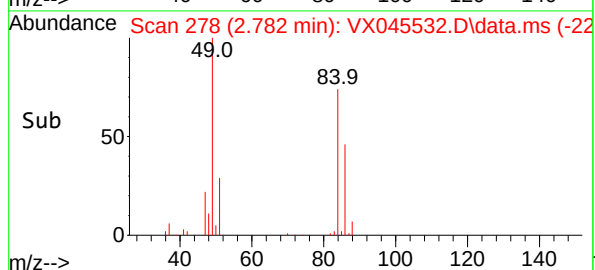
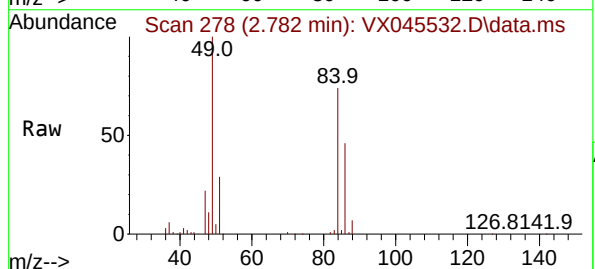
Manual Integrations
APPROVED

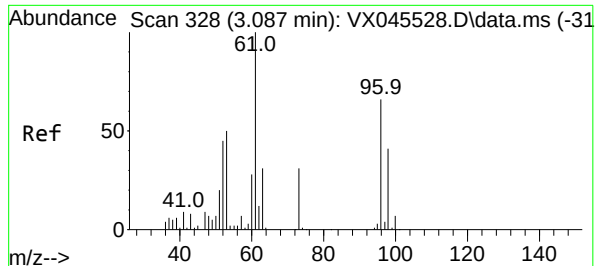
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#20
Methylene Chloride
Concen: 49.055 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

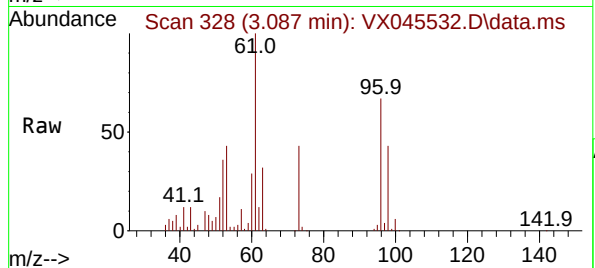
Tgt Ion: 84 Resp: 66875
Ion Ratio Lower Upper
84 100
49 135.9 107.5 161.3
51 39.9 33.0 49.6
86 62.1 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 49.800 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

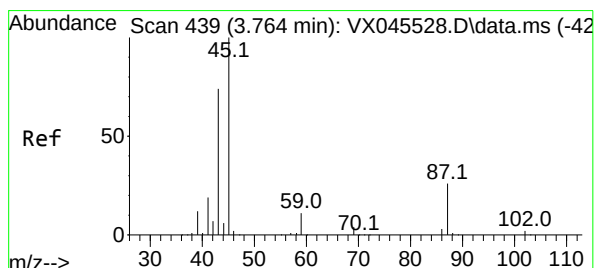
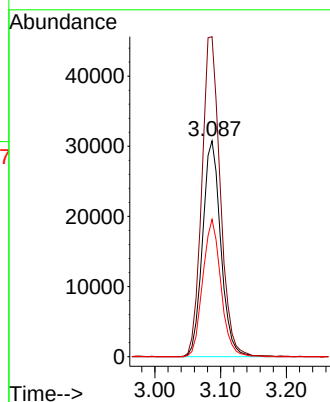
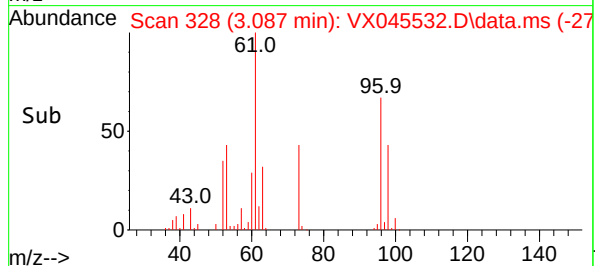
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 96 Resp: 59229
Ion Ratio Lower Upper
96 100
61 148.2 121.0 181.6
98 63.6 49.7 74.5

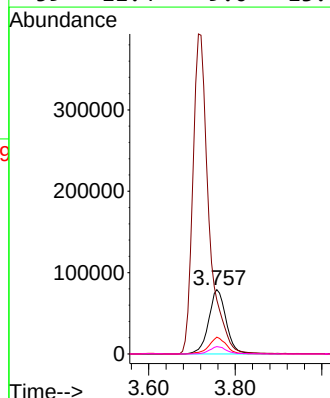
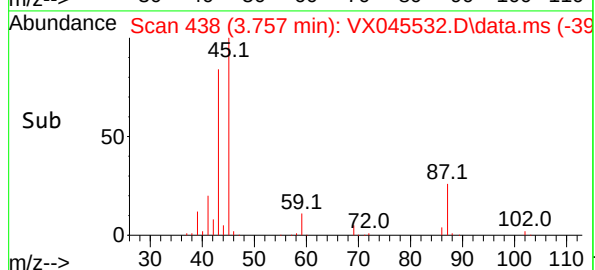
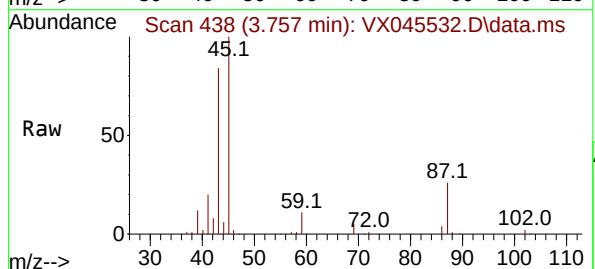
Manual Integrations
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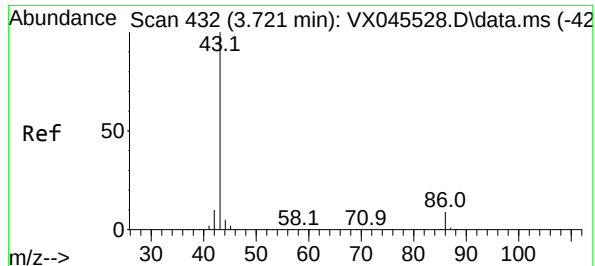
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#22
Diisopropyl ether
Concen: 50.895 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 45 Resp: 221449
Ion Ratio Lower Upper
45 100
43 83.3 59.3 88.9
87 26.0 20.4 30.6
59 11.4 9.0 13.6





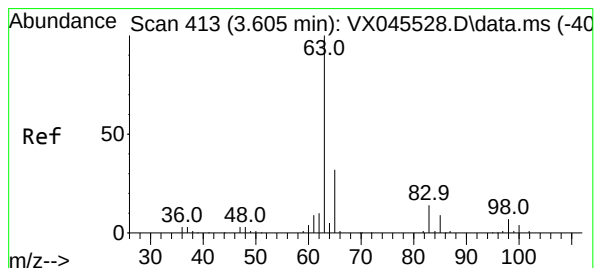
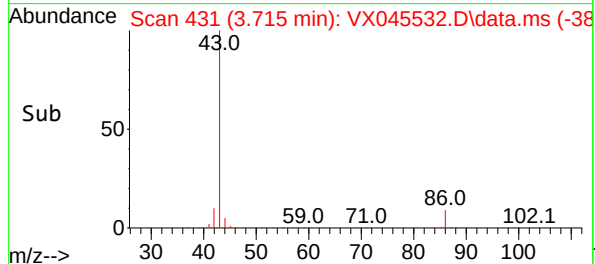
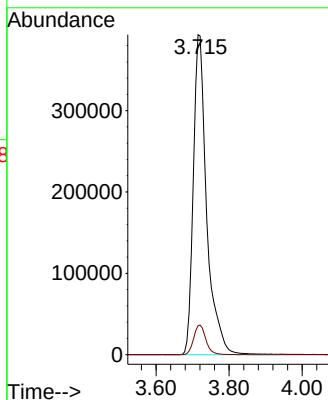
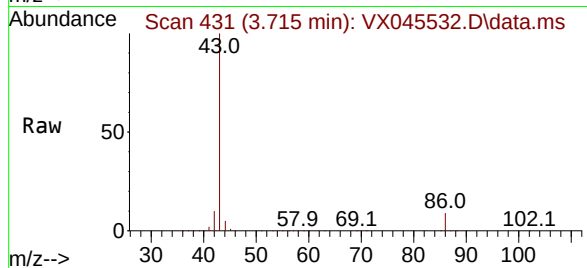
#23
Vinyl Acetate
Concen: 267.449 ug/l
RT: 3.715 min Scan# 411
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion: 43 Resp: 100542
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3

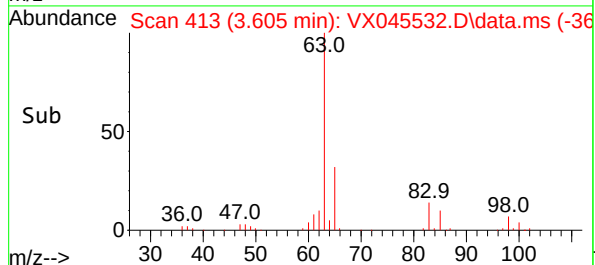
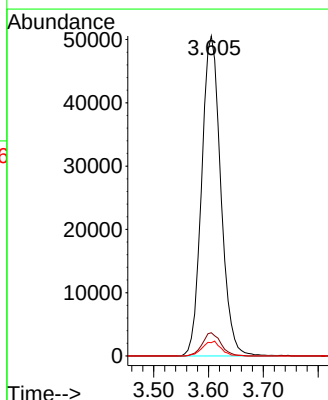
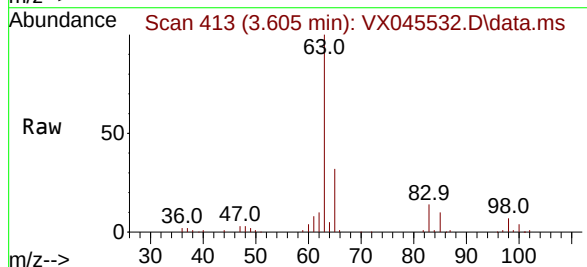
Manual Integrations
APPROVED

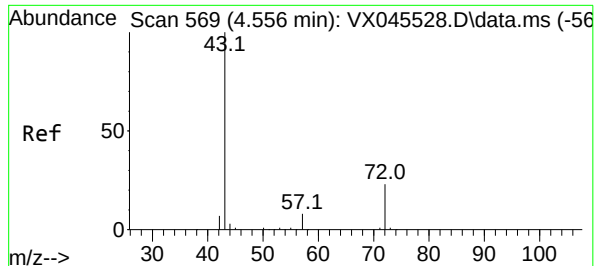
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#24
1,1-Dichloroethane
Concen: 49.677 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

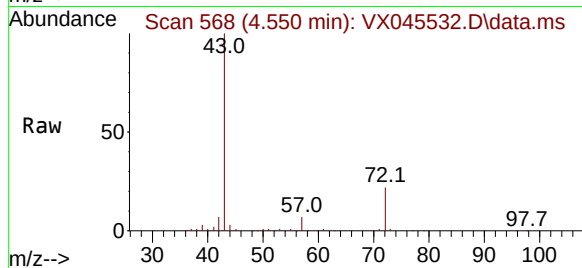
Tgt Ion: 63 Resp: 122240
Ion Ratio Lower Upper
63 100
98 7.3 3.4 10.1
100 4.2 2.2 6.6





#25
2-Butanone
Concen: 254.882 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

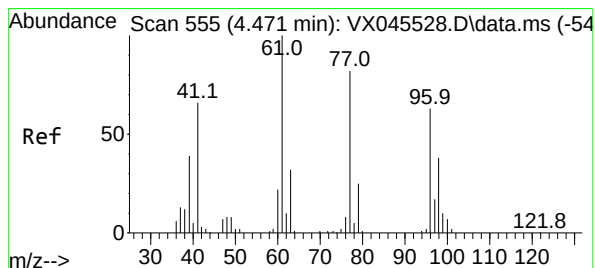
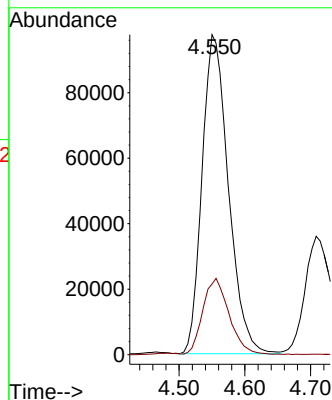
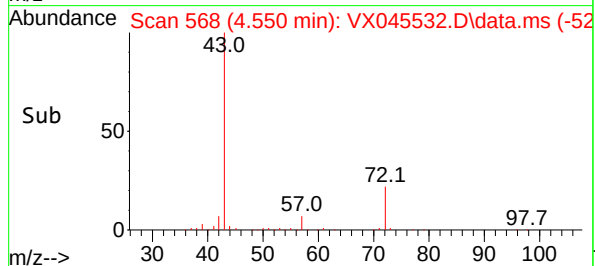
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 43 Resp: 271680
Ion Ratio Lower Upper
43 100
72 22.0 18.6 28.0

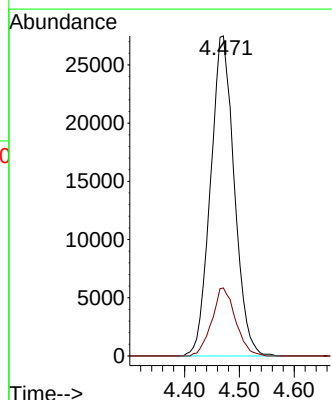
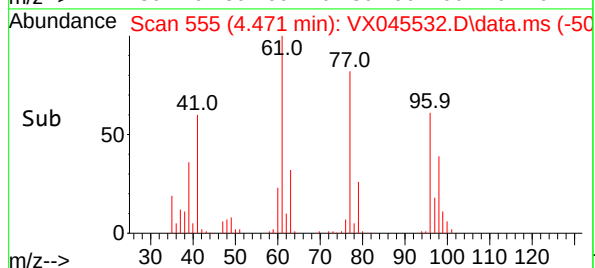
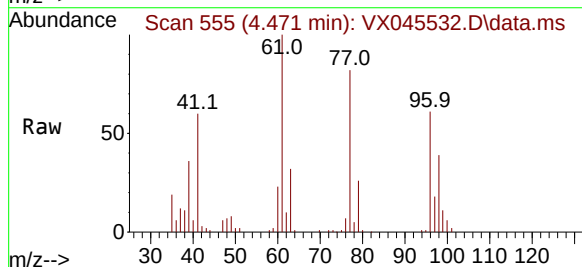
Manual Integrations
APPROVED

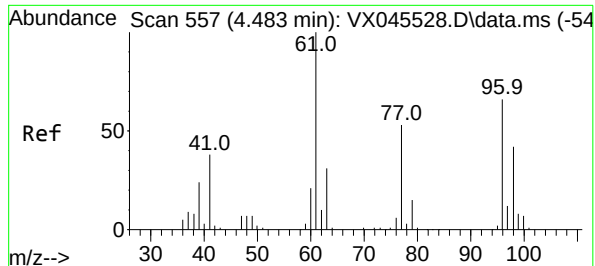
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 52.020 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 77 Resp: 82704
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 49.049 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

Tgt Ion: 96 Resp: 71072

Ion Ratio Lower Upper

96 100

61 158.6 0.0 313.2

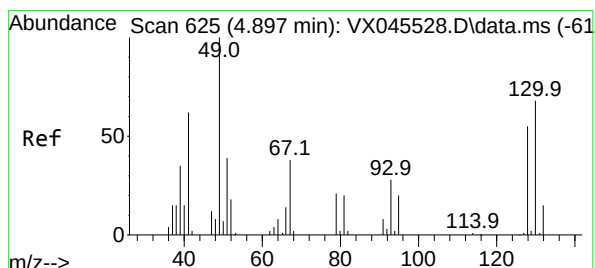
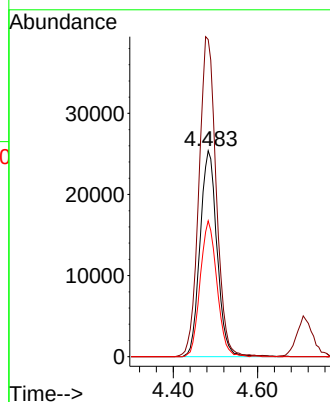
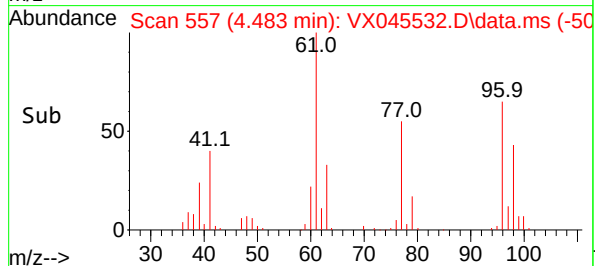
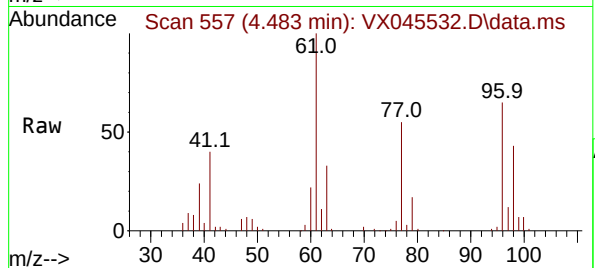
98 65.1 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 48.403 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

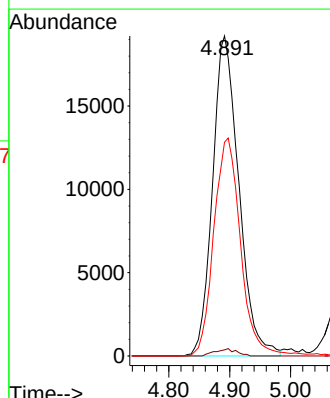
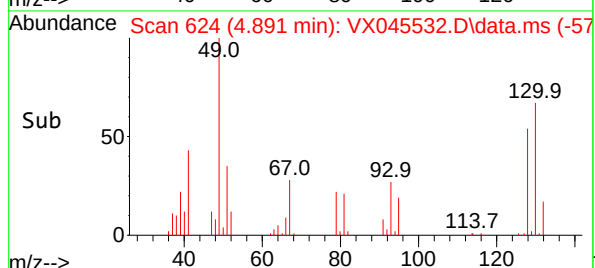
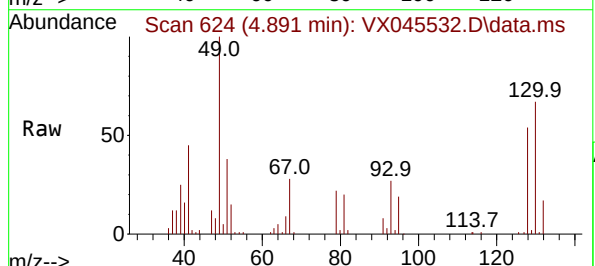
Tgt Ion: 49 Resp: 57557

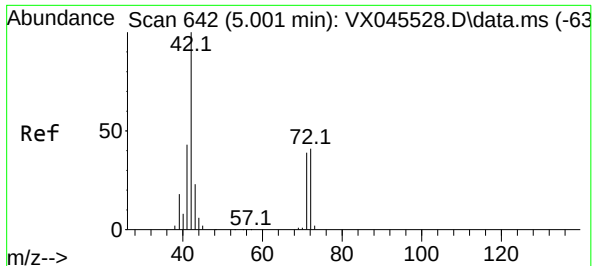
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 69.3 54.6 81.8





#29

Tetrahydrofuran

Concen: 249.473 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion: 42 Resp: 17240

Ion Ratio Lower Upper

42 100

72 41.7 33.4 50.0

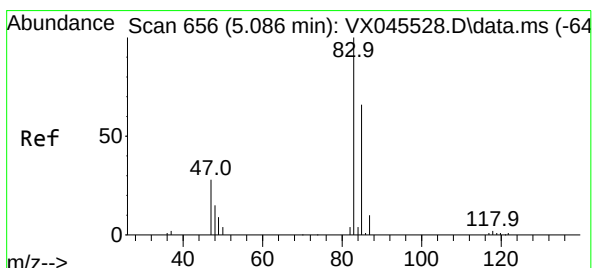
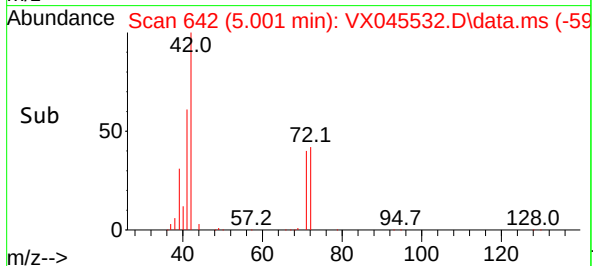
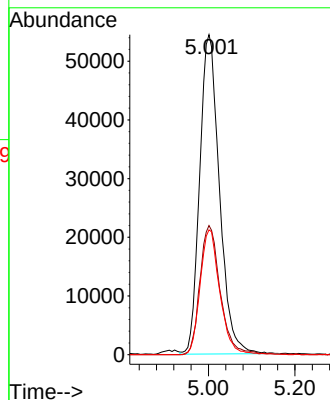
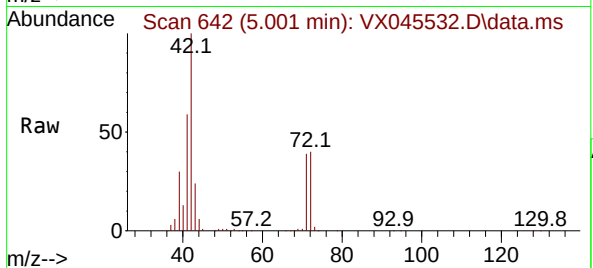
71 39.0 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#30

Chloroform

Concen: 49.614 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045532.D

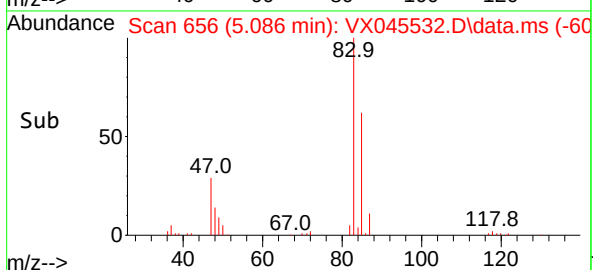
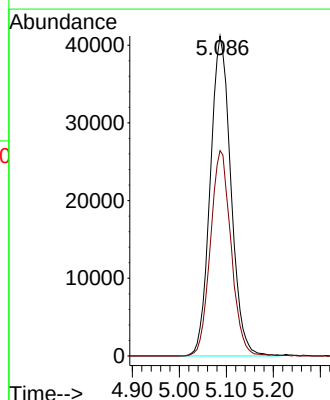
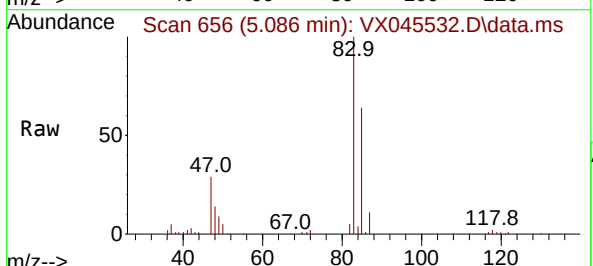
Acq: 01 Apr 2025 19:48

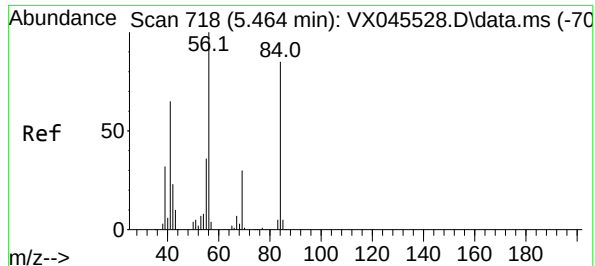
Tgt Ion: 83 Resp: 125621

Ion Ratio Lower Upper

83 100

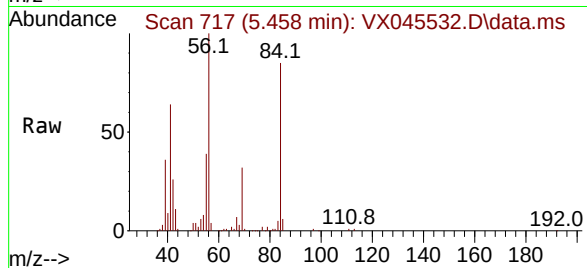
85 64.2 52.8 79.2





#31
Cyclohexane
Concen: 49.583 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

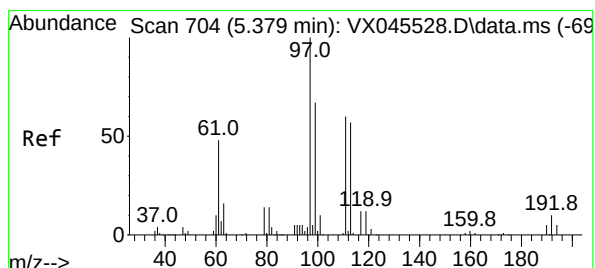
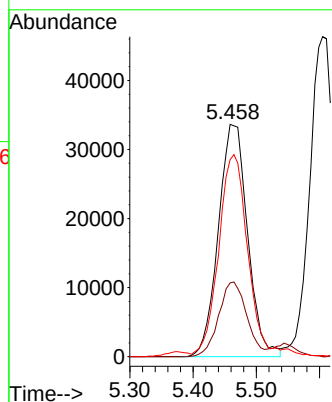
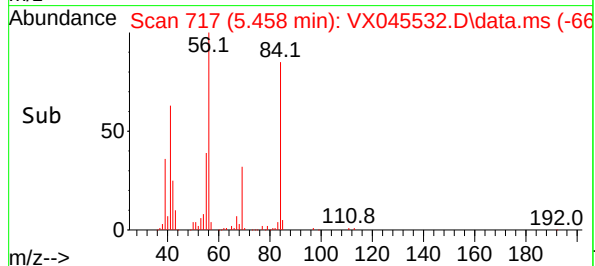
Instrument :
MSVOA_X
ClientSampleId :
ICVX040225



Tgt Ion: 56 Resp: 107862
Ion Ratio Lower Upper
56 100
69 31.7 23.6 35.4
84 82.7 67.7 101.5

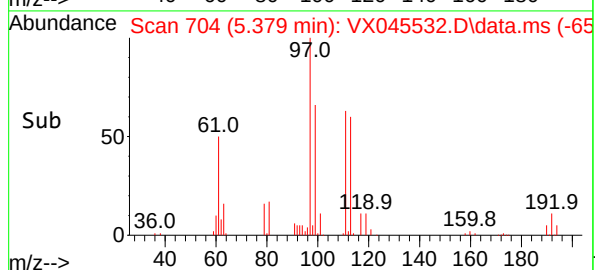
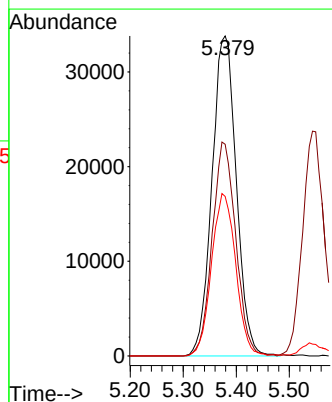
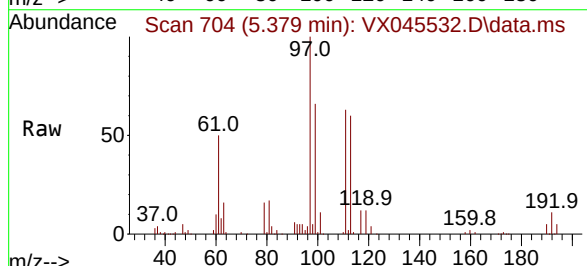
Manual Integrations
APPROVED

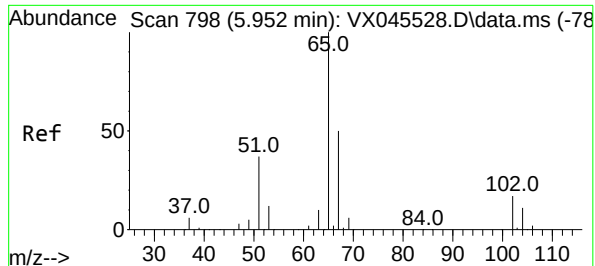
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#32
1,1,1-Trichloroethane
Concen: 50.330 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 97 Resp: 107830
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 50.5 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 50.329 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

Tgt Ion: 65 Resp: 8925

Ion Ratio Lower Upper

65 100

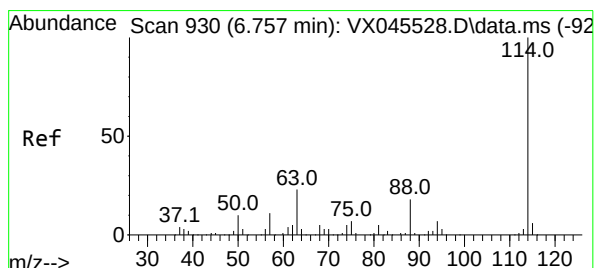
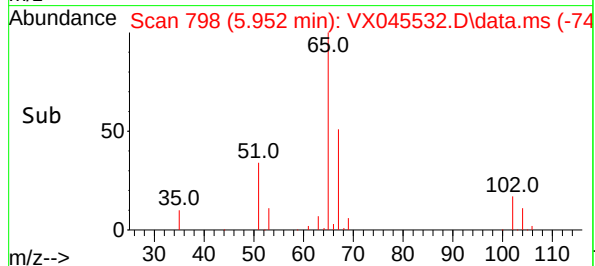
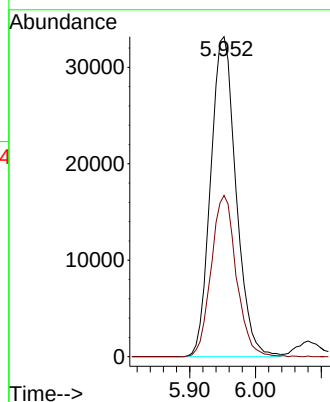
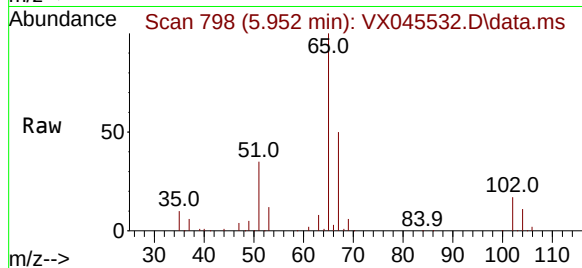
67 49.8 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

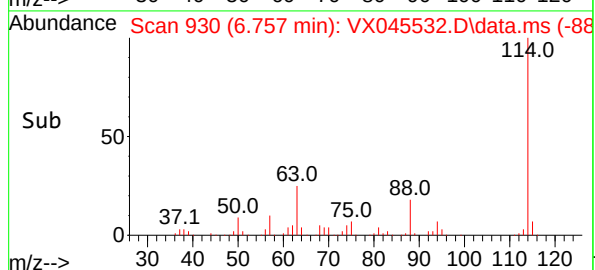
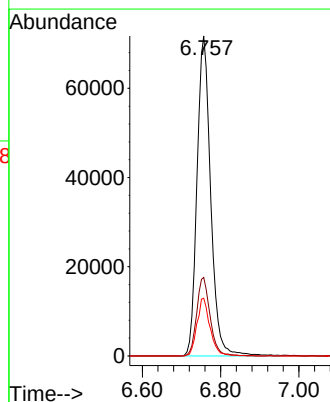
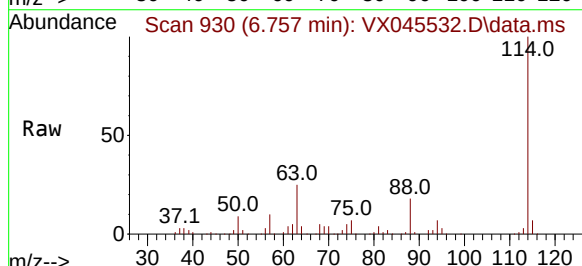
Tgt Ion:114 Resp: 174855

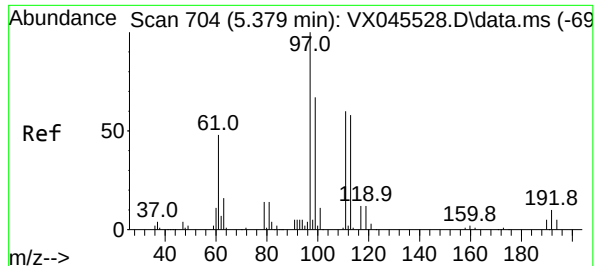
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.8

88 18.1 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.256 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

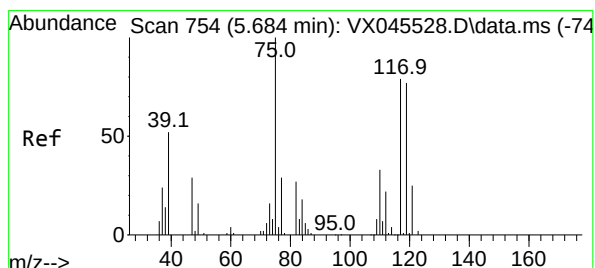
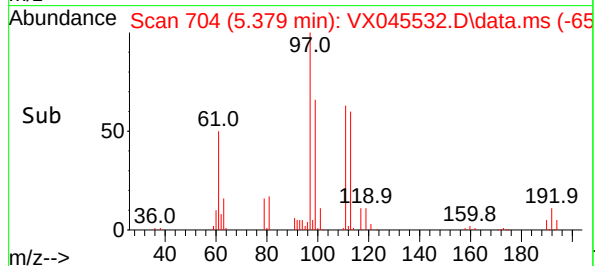
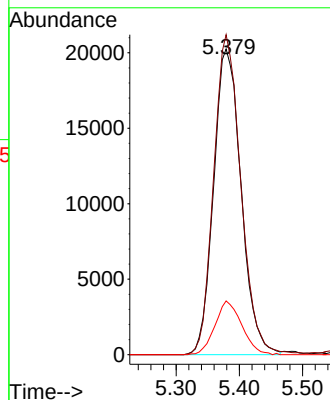
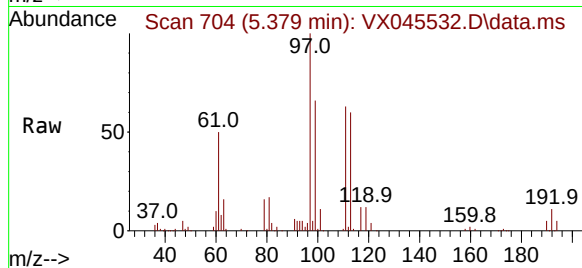
Tgt Ion:	113	Resp:	6110
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	17.2	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#36

1,1-Dichloropropene

Concen: 50.088 ug/l

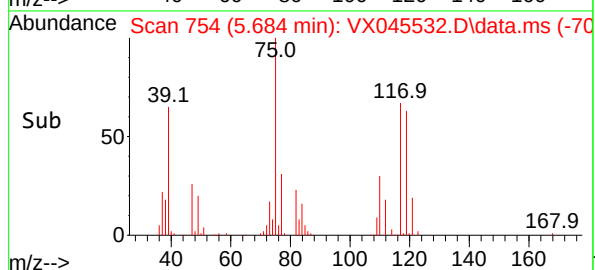
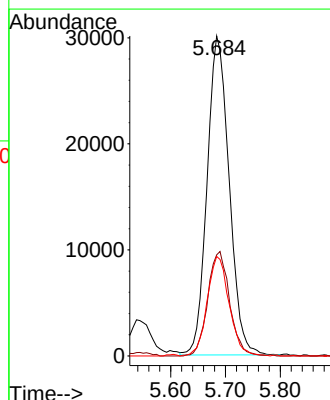
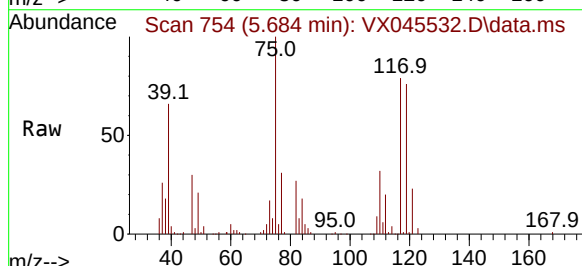
RT: 5.684 min Scan# 754

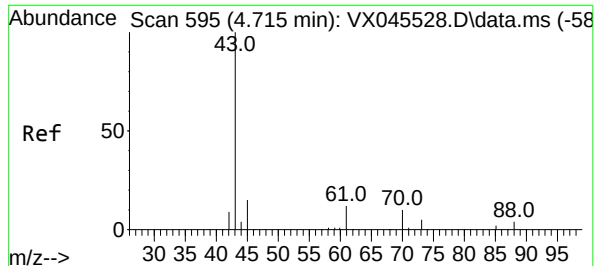
Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Tgt Ion:	75	Resp:	83901
Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.9	50.6
77	31.1	25.0	37.4





#37

Ethyl Acetate

Concen: 49.787 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

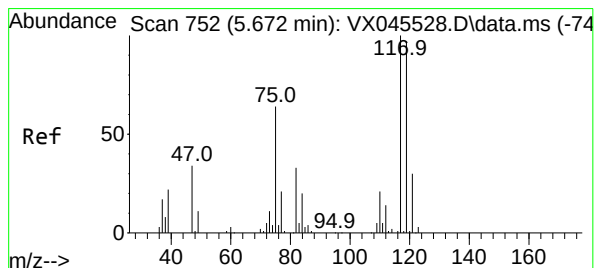
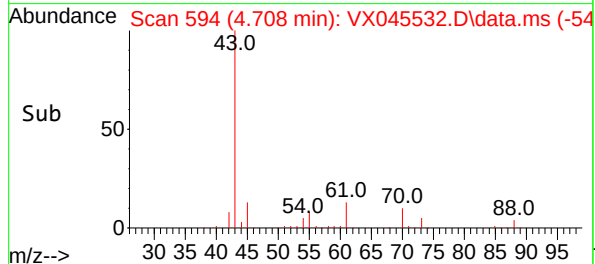
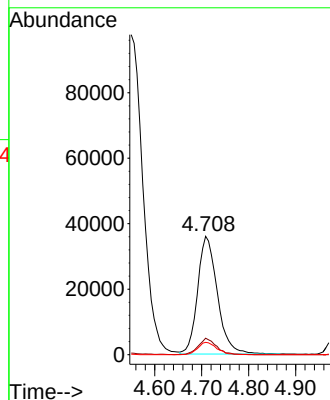
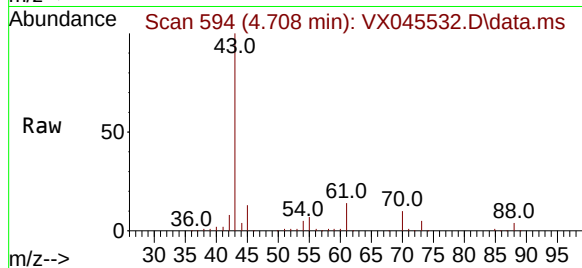
Tgt Ion:	43	Resp:	10509
Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	10.2	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#38

Carbon Tetrachloride

Concen: 50.667 ug/l

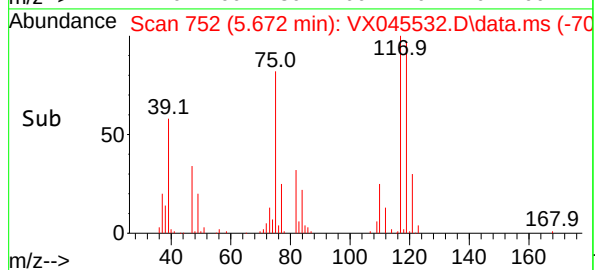
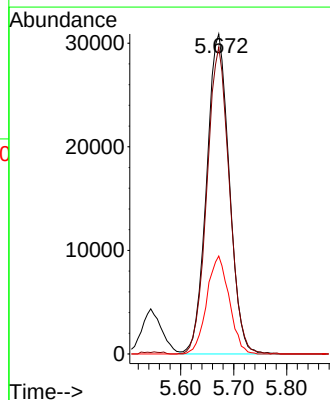
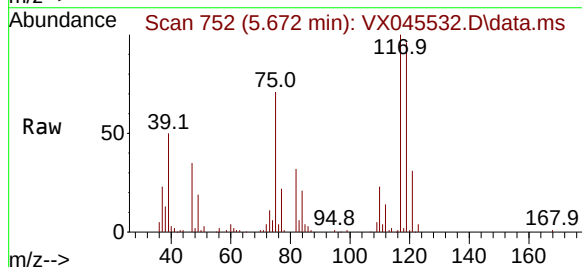
RT: 5.672 min Scan# 752

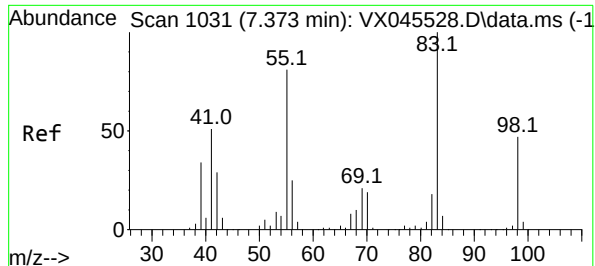
Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Tgt Ion:	117	Resp:	91723
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
121	30.6	24.2	36.2





#39

Methylcyclohexane

Concen: 50.124 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion: 83 Resp: 102919

Ion Ratio Lower Upper

83 100

55 82.1 64.9 97.3

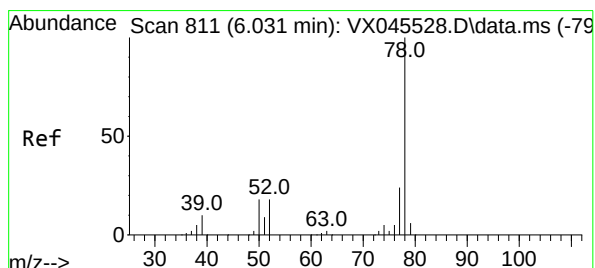
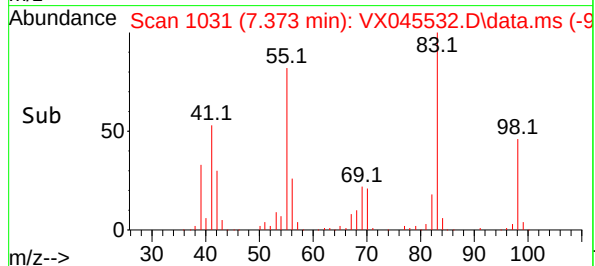
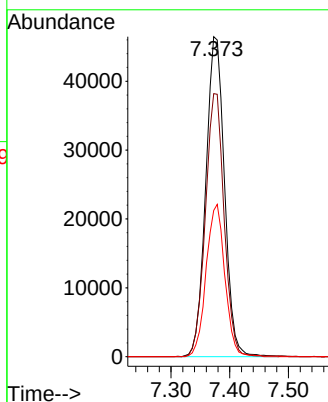
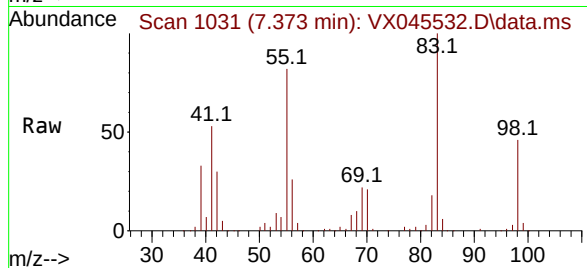
98 45.7 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#40

Benzene

Concen: 49.212 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045532.D

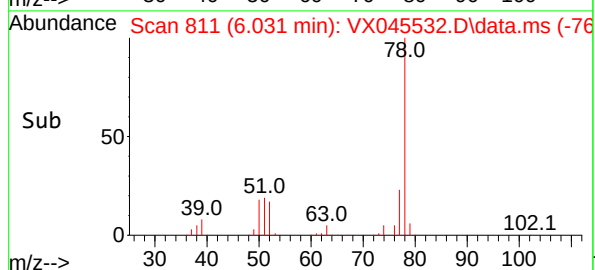
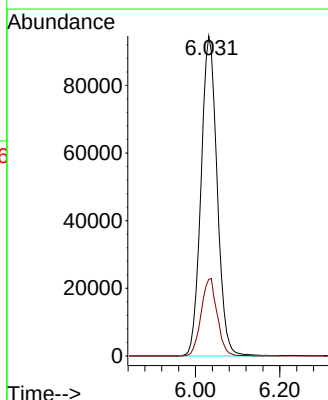
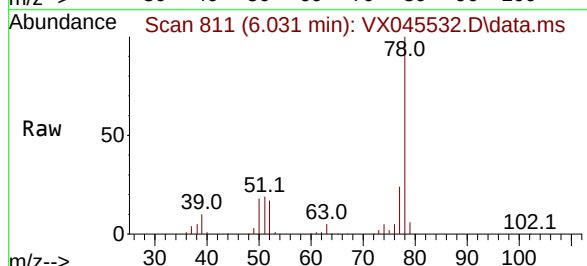
Acq: 01 Apr 2025 19:48

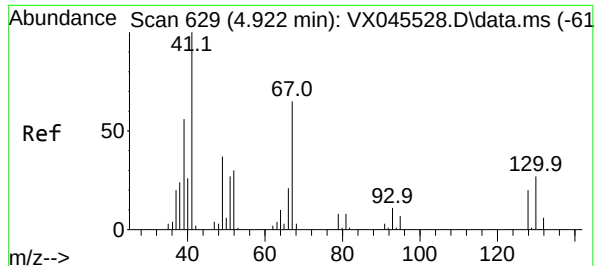
Tgt Ion: 78 Resp: 251758

Ion Ratio Lower Upper

78 100

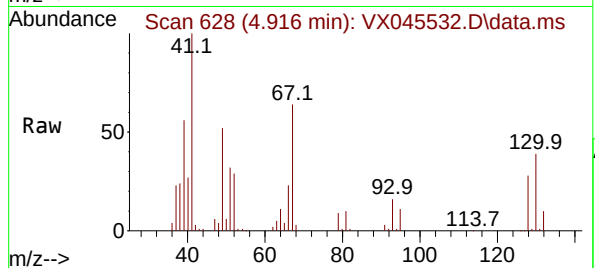
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 53.098 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

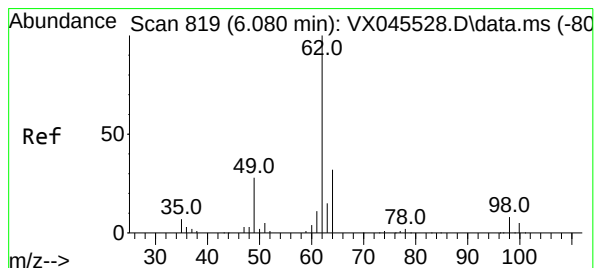
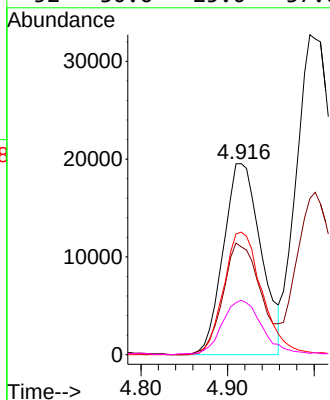
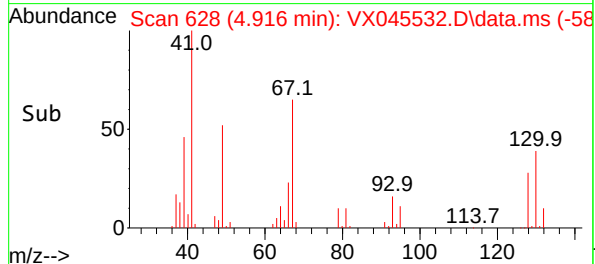
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 41 Resp: 59140
Ion Ratio Lower Upper
41 100
39 58.5 47.0 70.6
67 65.5 53.2 79.8
52 30.6 25.0 37.6

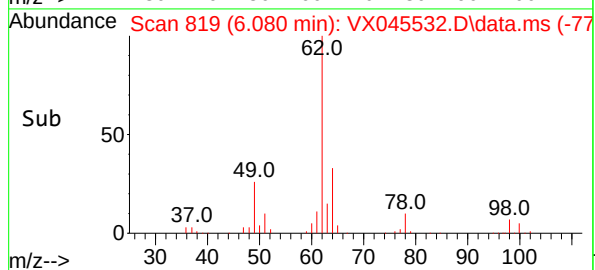
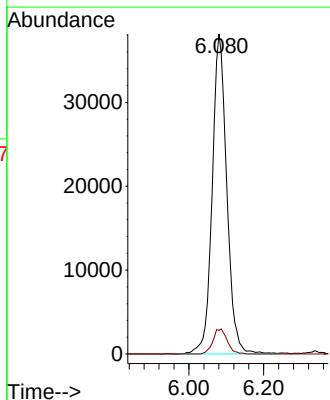
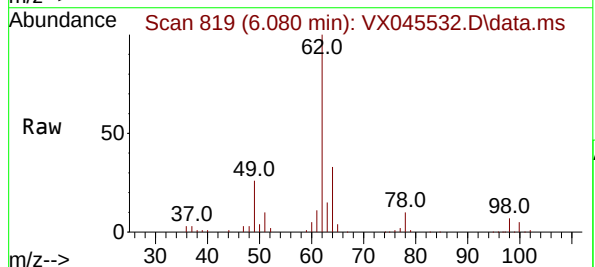
Manual Integrations
APPROVED

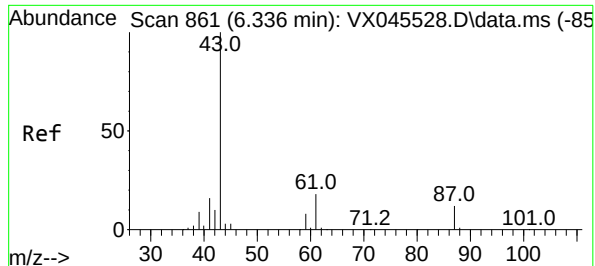
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#42
1,2-Dichloroethane
Concen: 48.875 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 62 Resp: 103270
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43

Isopropyl Acetate

Concen: 51.539 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

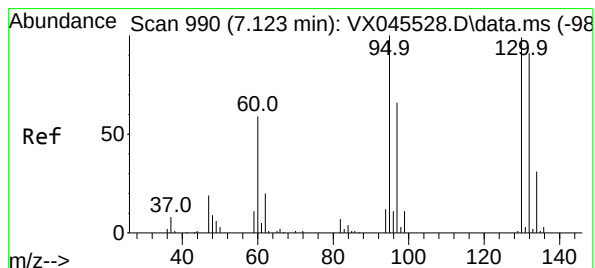
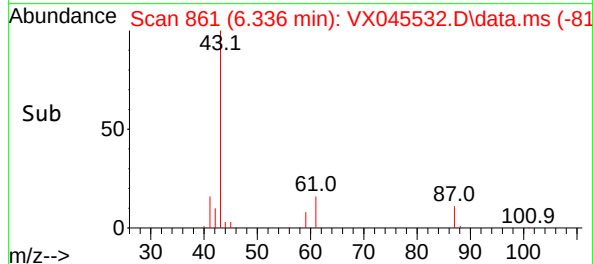
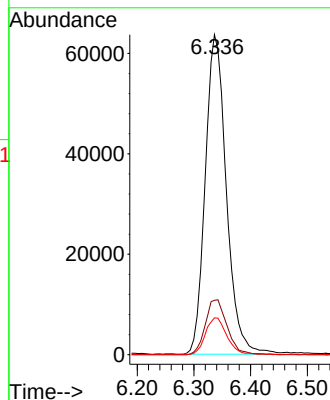
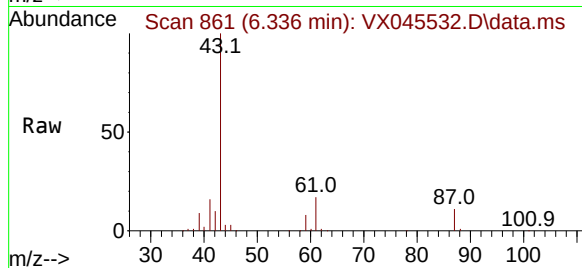
Tgt Ion:	43	Resp:	164894
Ion Ratio	Lower	Upper	
43	100		
61	17.7	14.1	21.1
87	11.6	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#44

Trichloroethene

Concen: 47.643 ug/l

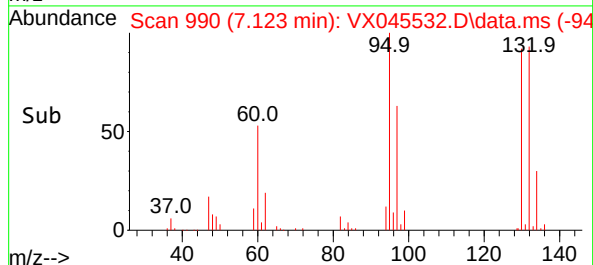
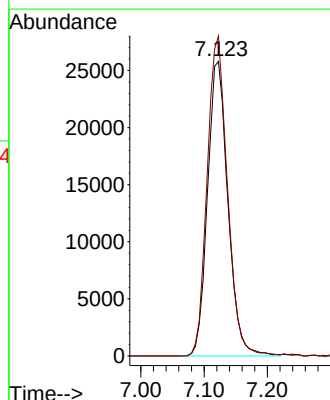
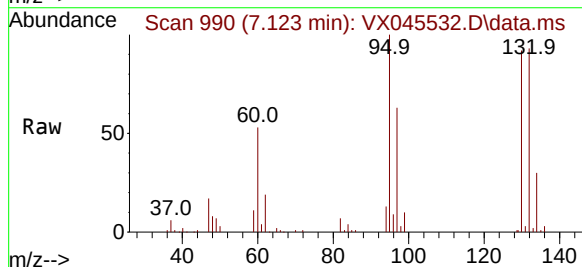
RT: 7.123 min Scan# 990

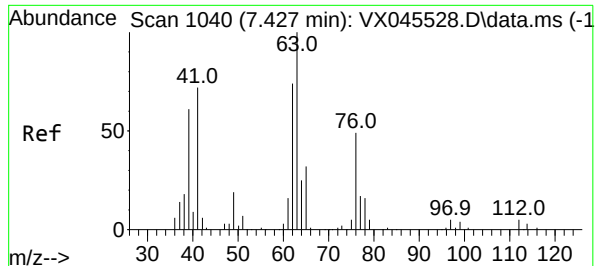
Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Tgt Ion:	130	Resp:	57931
Ion Ratio	Lower	Upper	
130	100		
95	108.6	0.0	202.0





#45

1,2-Dichloropropane

Concen: 49.521 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion: 63 Resp: 63210

Ion Ratio Lower Upper

63 100

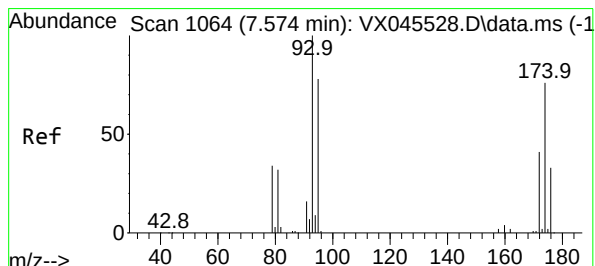
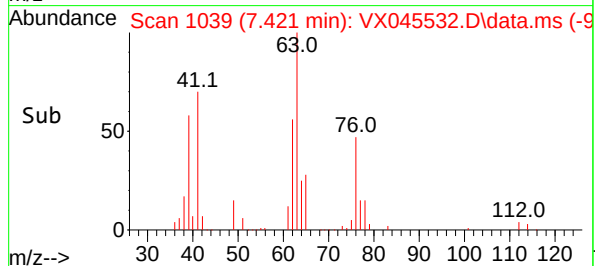
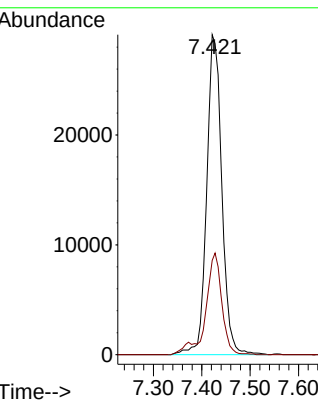
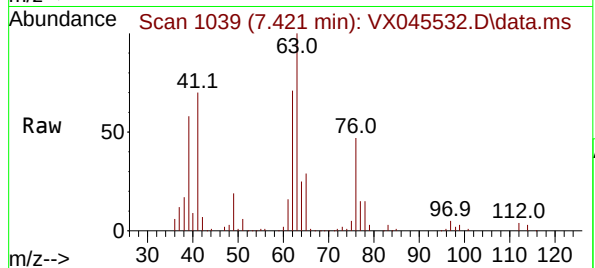
65 29.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#46

Dibromomethane

Concen: 48.542 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

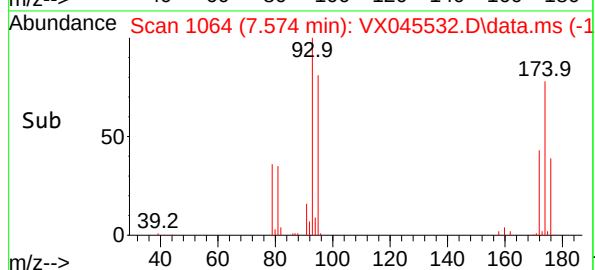
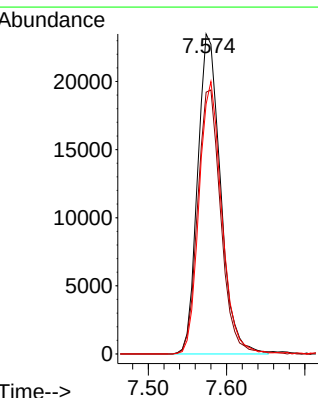
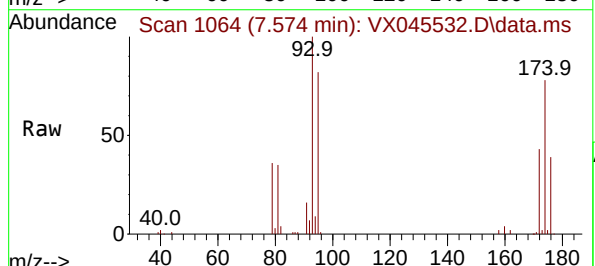
Tgt Ion: 93 Resp: 47564

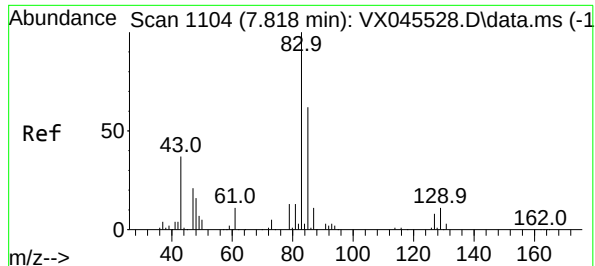
Ion Ratio Lower Upper

93 100

95 83.6 64.8 97.2

174 84.5 65.4 98.0





#47

Bromodichloromethane

Concen: 49.273 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

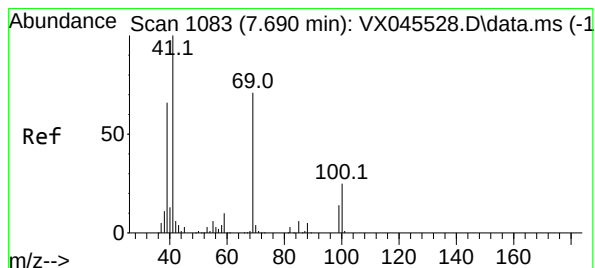
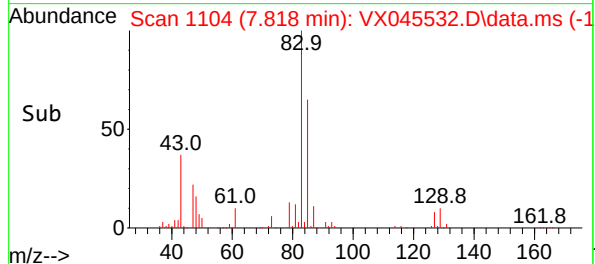
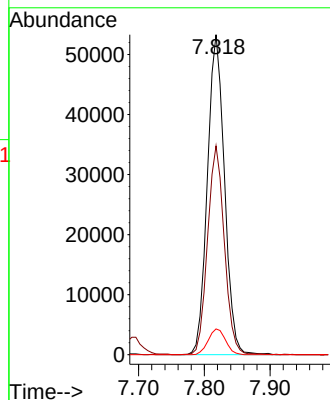
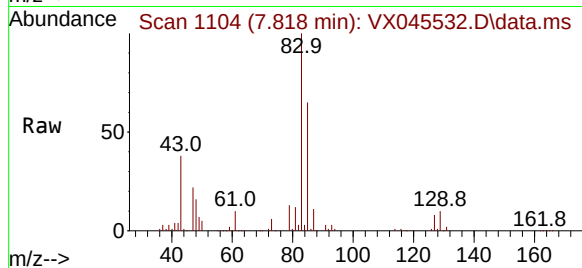
Tgt Ion:	83	Resp:	96418
Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.7	74.5
127	8.1	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#48

Methyl methacrylate

Concen: 51.507 ug/l

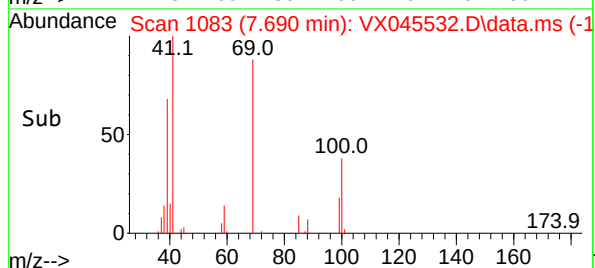
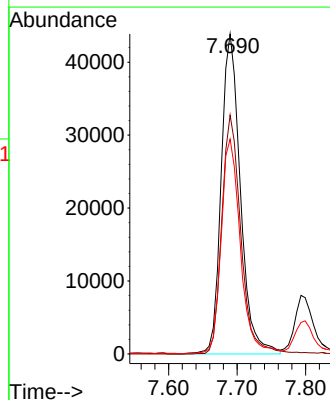
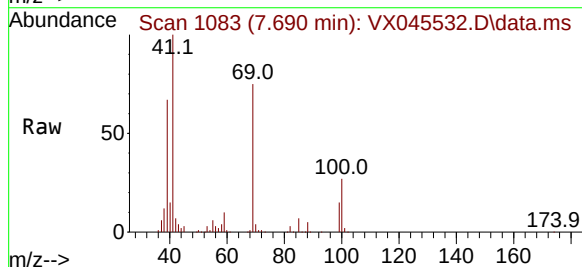
RT: 7.690 min Scan# 1083

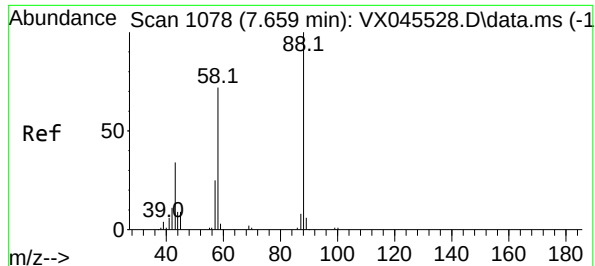
Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Tgt Ion:	41	Resp:	85084
Ion	Ratio	Lower	Upper
41	100		
69	74.5	58.2	87.2
39	67.3	53.6	80.4





#49

1,4-Dioxane

Concen: 955.327 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

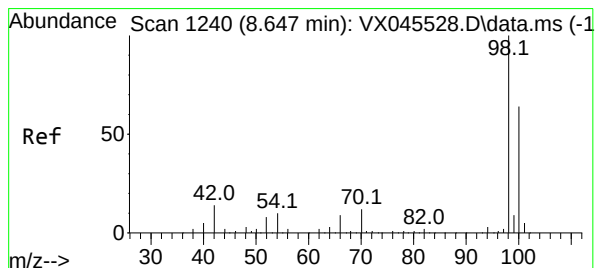
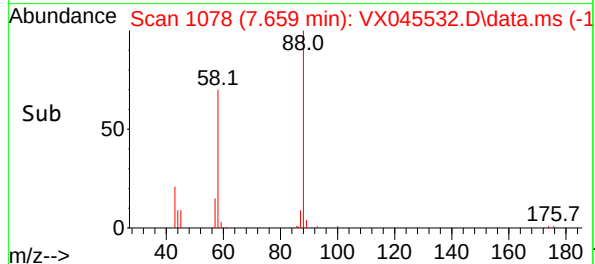
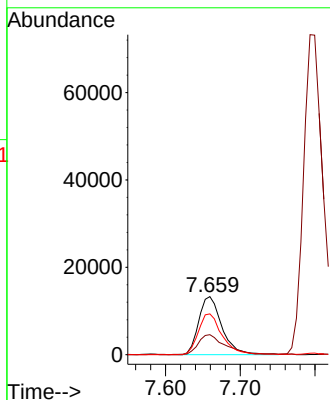
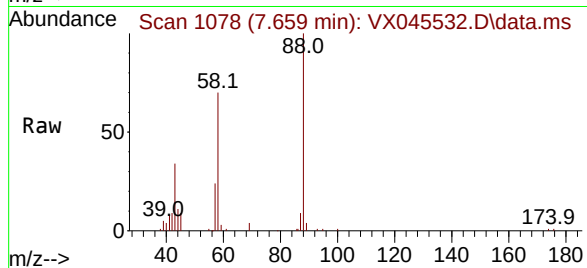
Tgt Ion:	88	Resp:	2855
Ion	Ratio	Lower	Upper
88	100		
43	40.3	32.2	48.4
58	72.2	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#50

Toluene-d8

Concen: 50.160 ug/l

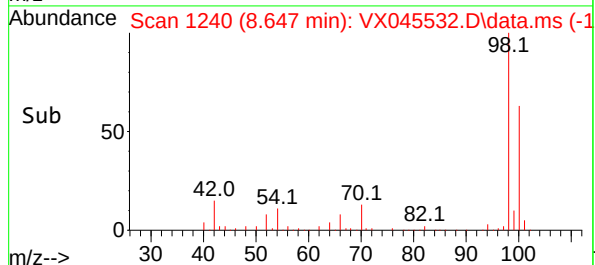
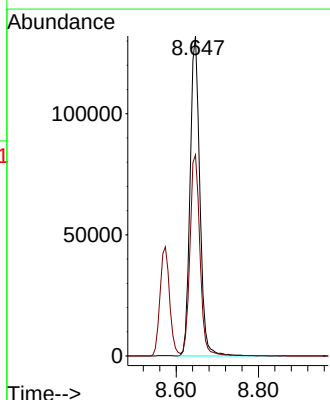
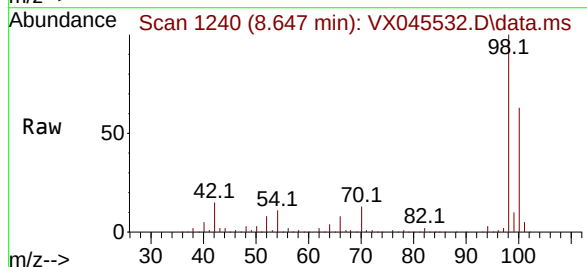
RT: 8.647 min Scan# 1240

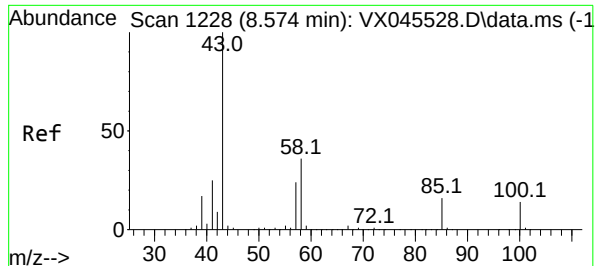
Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Tgt Ion:	98	Resp:	217200
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4





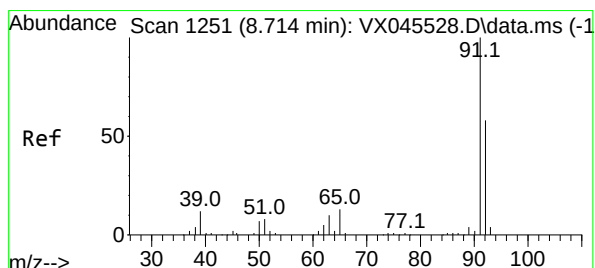
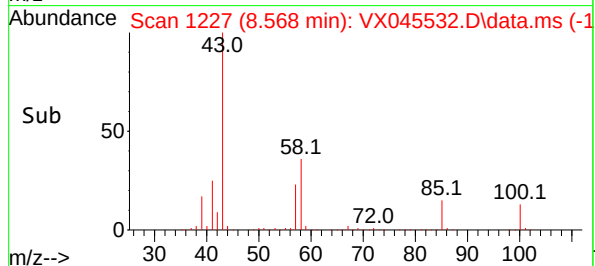
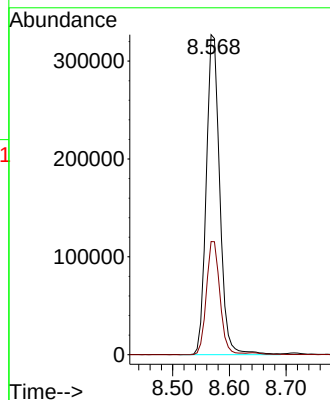
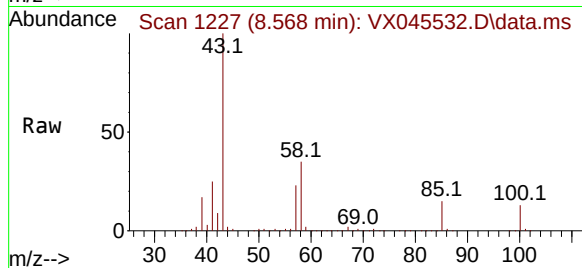
#51
4-Methyl-2-Pentanone
Concen: 254.994 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion: 43 Resp: 54082
Ion Ratio Lower Upper
43 100
58 35.5 28.5 42.7

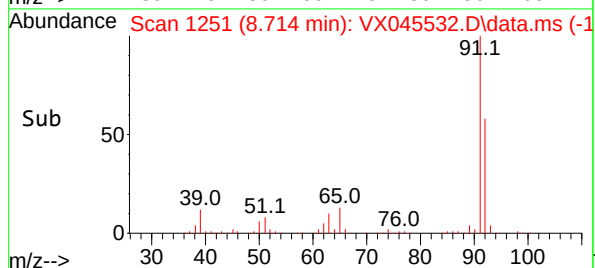
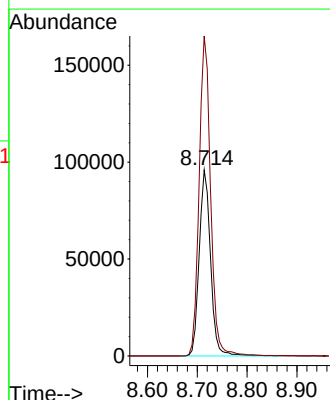
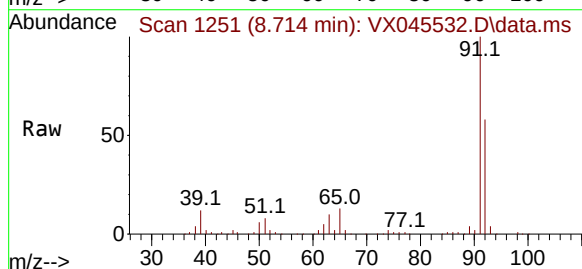
Manual Integrations
APPROVED

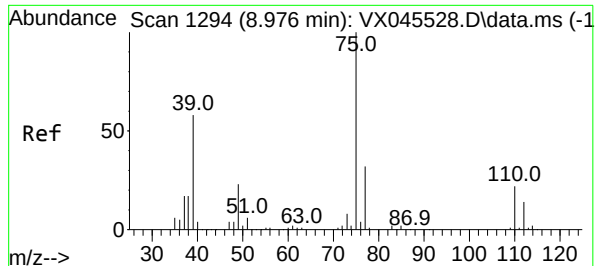
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 48.994 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 92 Resp: 151664
Ion Ratio Lower Upper
92 100
91 174.0 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 46.783 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

Tgt Ion: 75 Resp: 8774

Ion Ratio Lower Upper

75 100

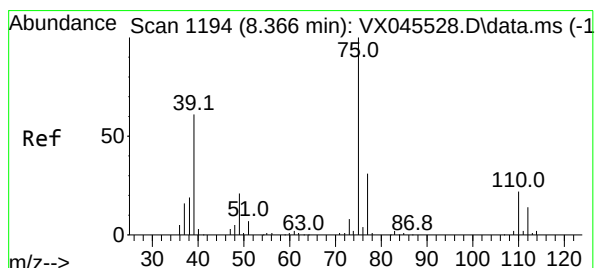
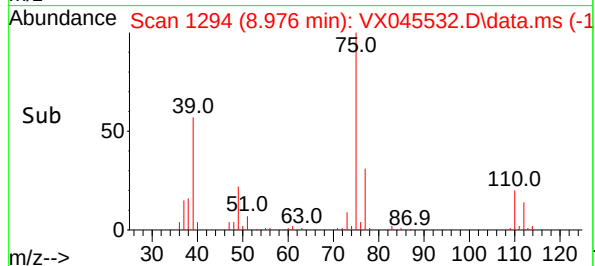
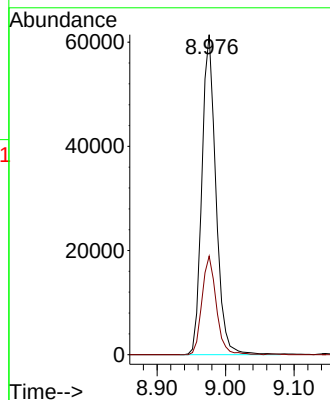
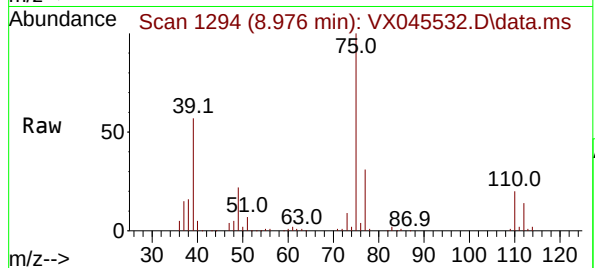
77 30.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#54

cis-1,3-Dichloropropene

Concen: 53.878 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

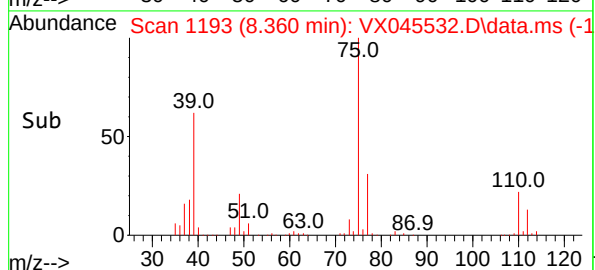
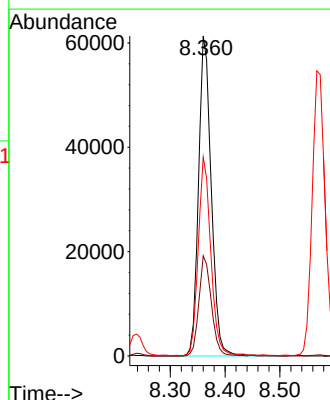
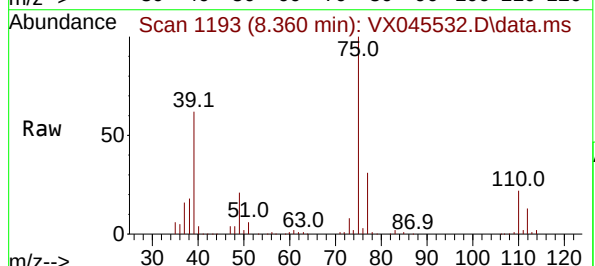
Tgt Ion: 75 Resp: 99074

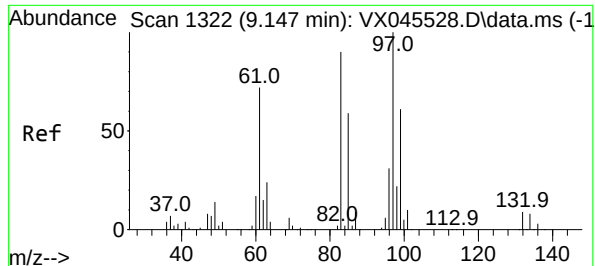
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 62.0 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 49.007 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion: 97 Resp: 60452

Ion Ratio Lower Upper

97 100

83 86.6 71.8 107.8

85 55.7 47.0 70.6

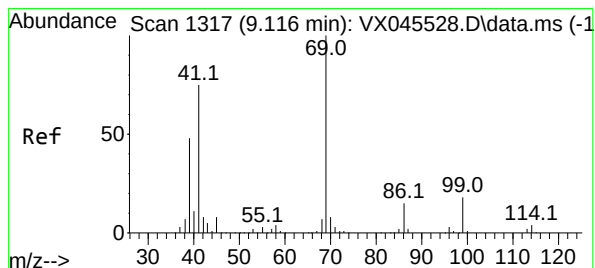
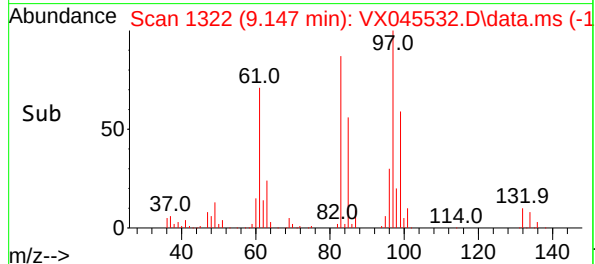
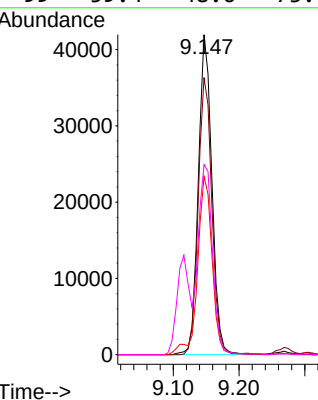
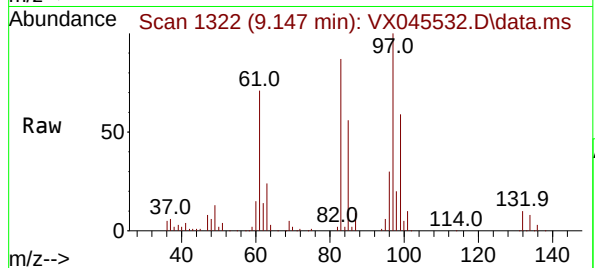
99 59.4 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#56

Ethyl methacrylate

Concen: 53.705 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

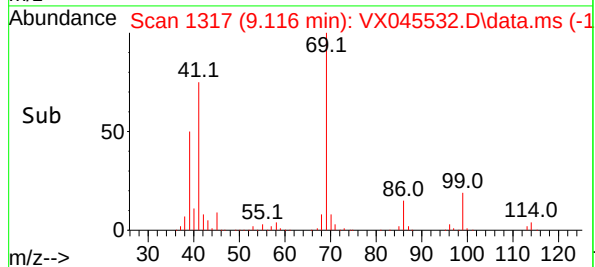
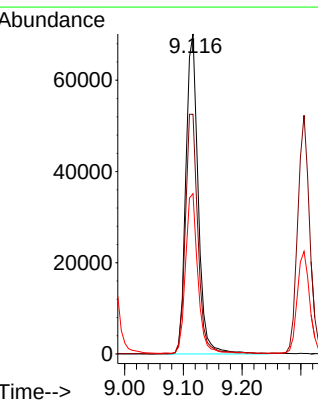
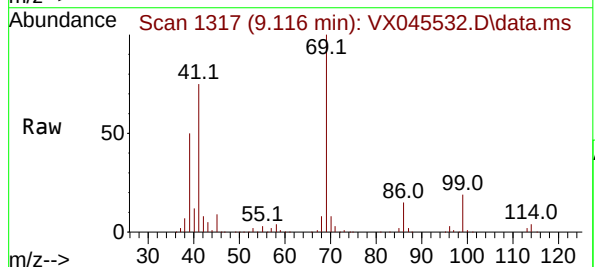
Tgt Ion: 69 Resp: 102525

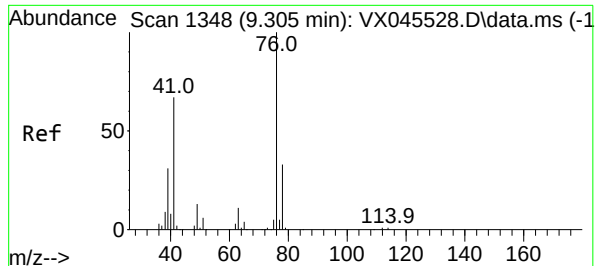
Ion Ratio Lower Upper

69 100

41 76.7 61.3 91.9

39 50.7 40.2 60.2





#57

1,3-Dichloropropane

Concen: 49.869 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion: 76 Resp: 10712

Ion Ratio Lower Upper

76 100

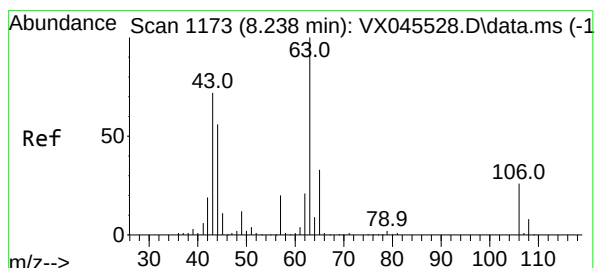
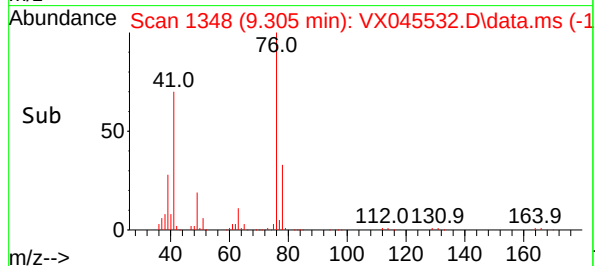
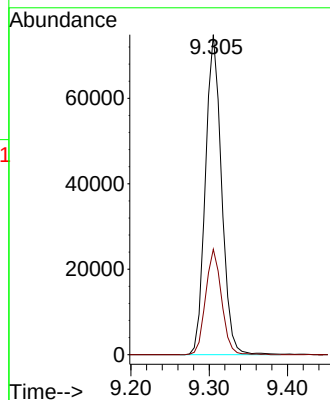
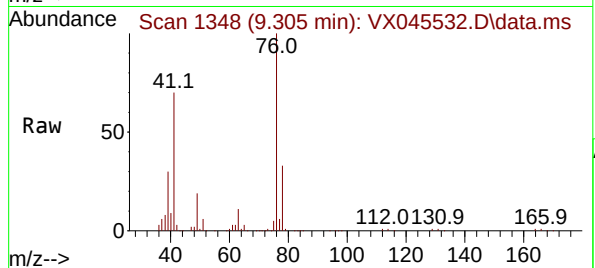
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 260.201 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045532.D

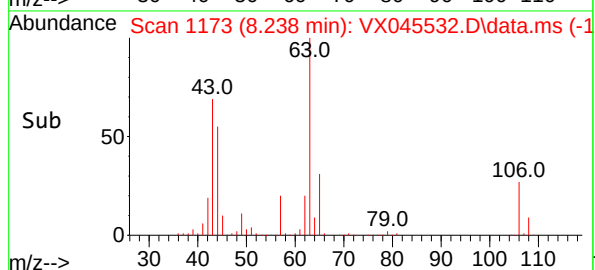
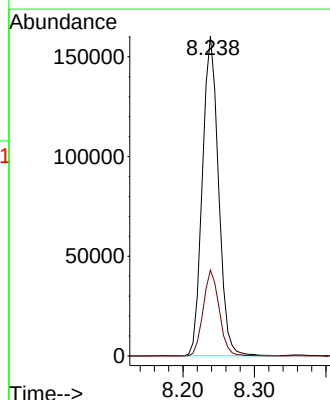
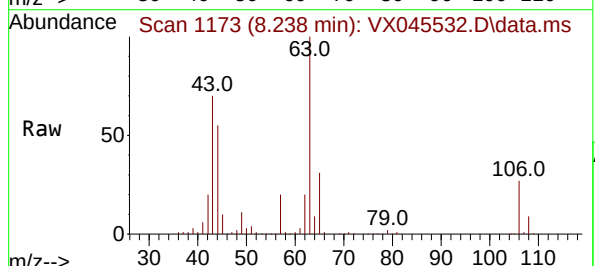
Acq: 01 Apr 2025 19:48

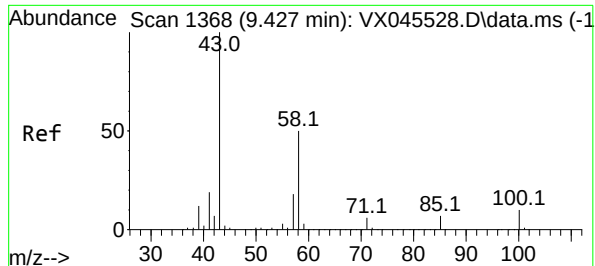
Tgt Ion: 63 Resp: 251285

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.6





#59

2-Hexanone

Concen: 251.710 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion: 43 Resp: 395330

Ion Ratio Lower Upper

43 100

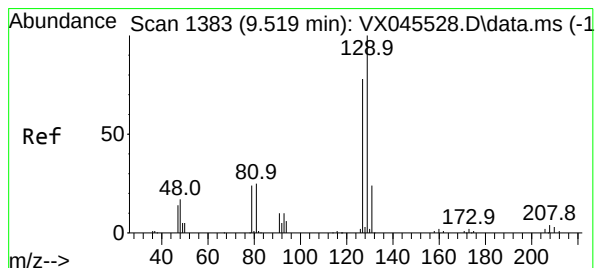
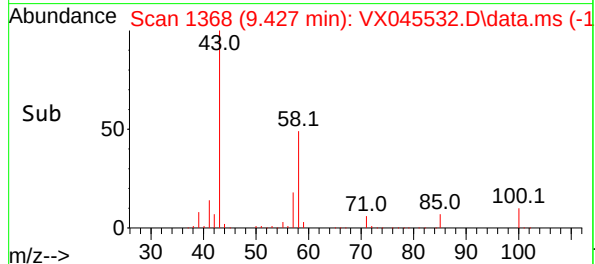
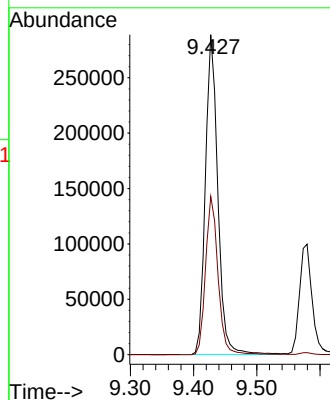
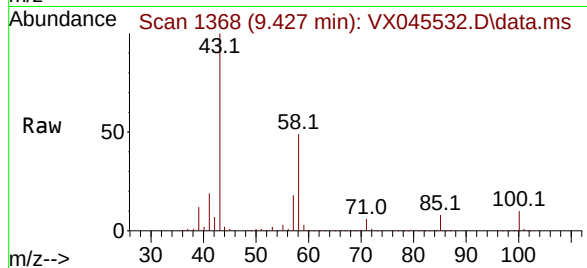
58 49.8 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#60

Dibromochloromethane

Concen: 50.983 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045532.D

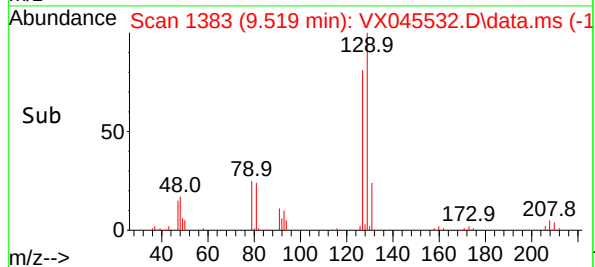
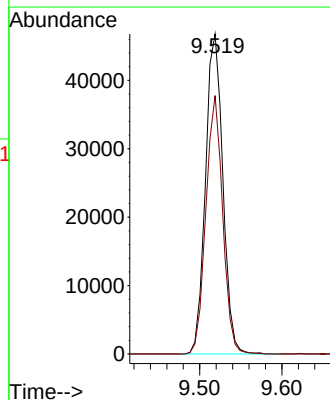
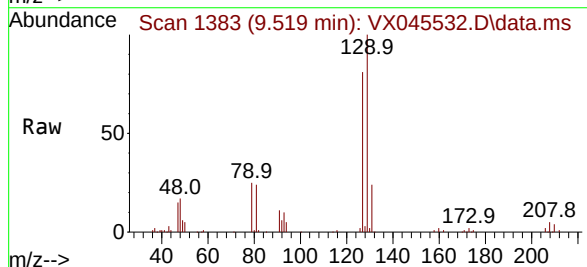
Acq: 01 Apr 2025 19:48

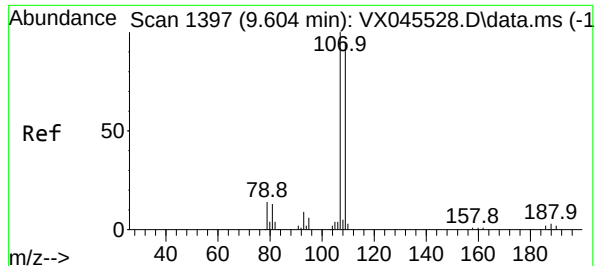
Tgt Ion:129 Resp: 68562

Ion Ratio Lower Upper

129 100

127 78.2 39.4 118.2





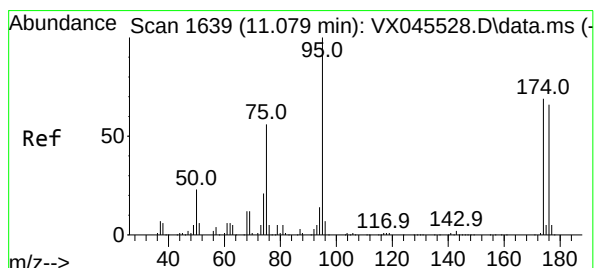
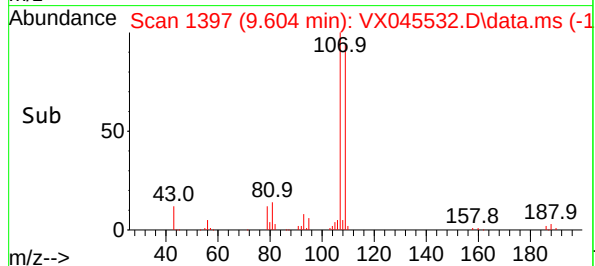
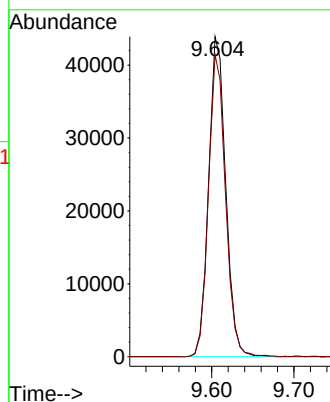
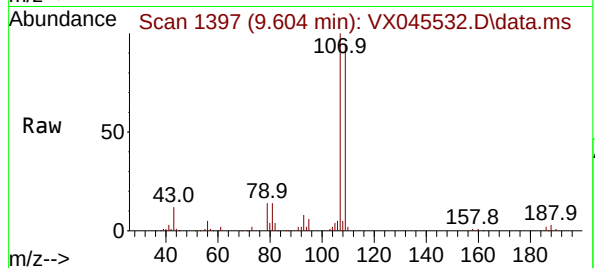
#61
1,2-Dibromoethane
Concen: 50.693 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion:107 Resp: 6330
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

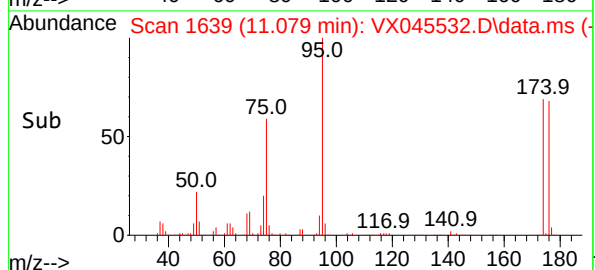
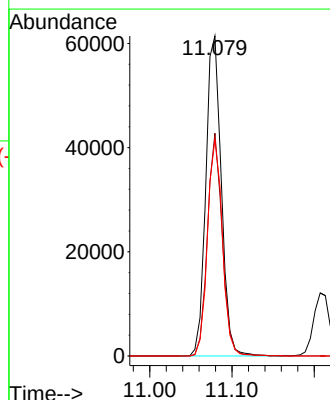
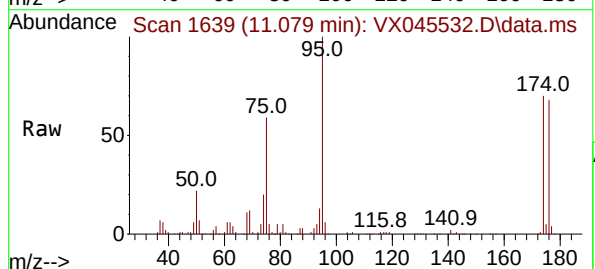
Manual Integrations
APPROVED

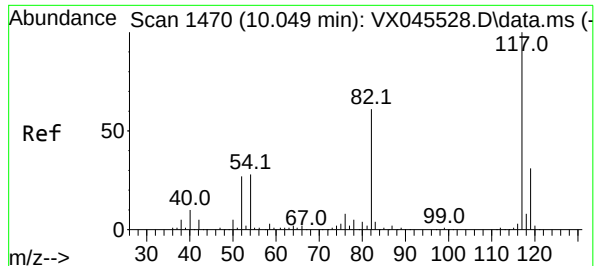
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#62
4-Bromofluorobenzene
Concen: 50.959 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

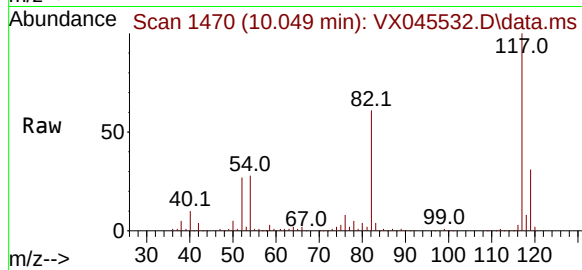
Tgt Ion: 95 Resp: 80376
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 65.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

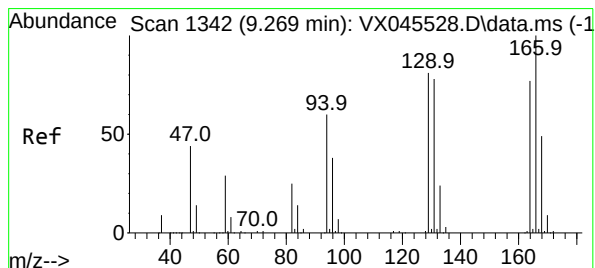
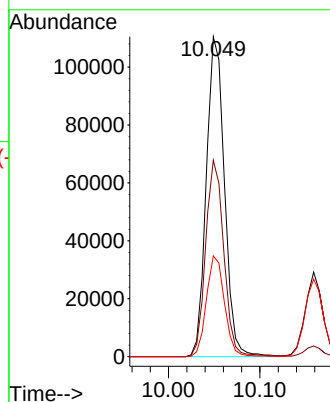
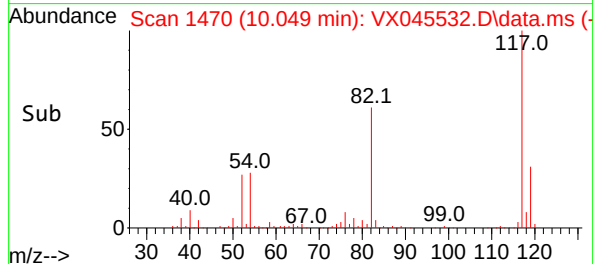
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:117 Resp: 15241
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 31.5 25.1 37.7

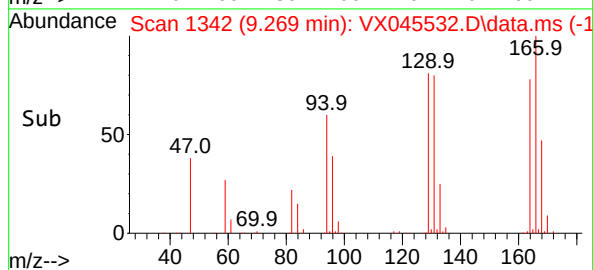
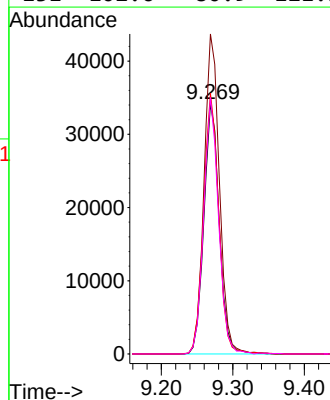
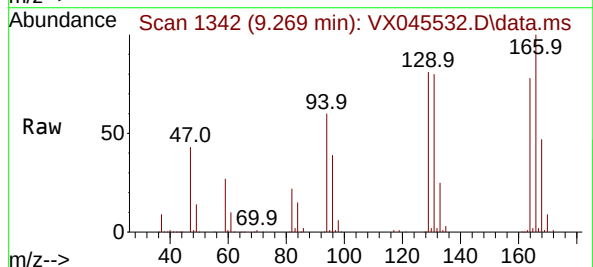
Manual Integrations
APPROVED

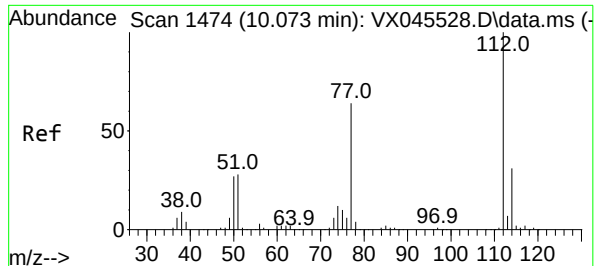
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#64
Tetrachloroethene
Concen: 47.239 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

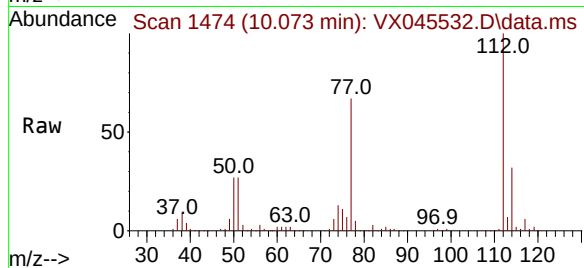
Tgt Ion:164 Resp: 50834
Ion Ratio Lower Upper
164 100
166 128.0 103.8 155.8
129 104.3 84.3 126.5
131 102.6 80.9 121.3





#65
Chlorobenzene
Concen: 50.207 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

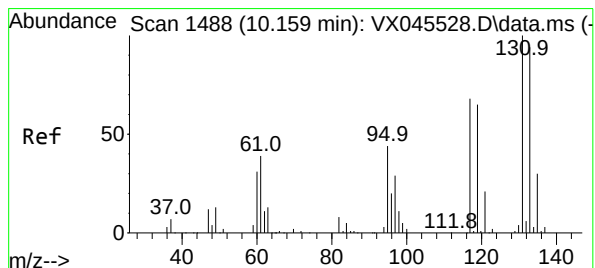
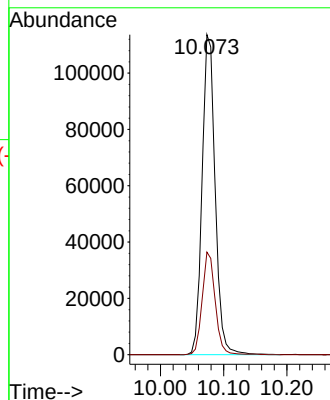
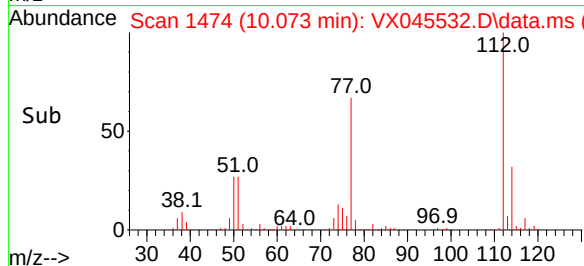
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:112 Resp: 163518
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1

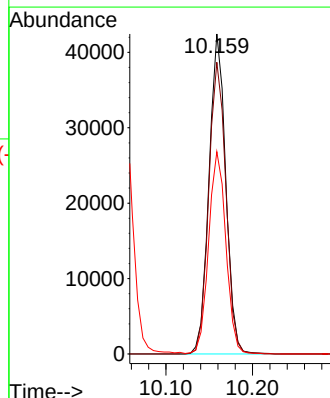
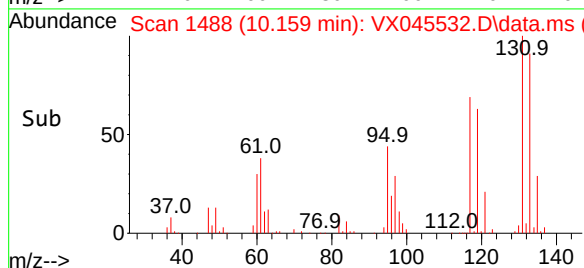
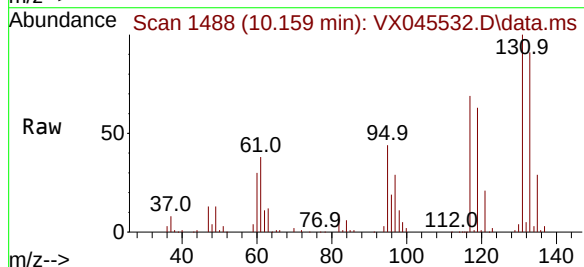
Manual Integrations
APPROVED

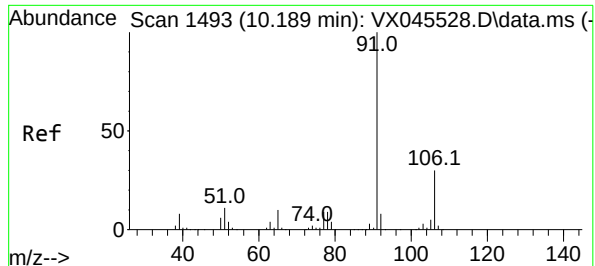
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.495 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:131 Resp: 57096
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.5
119 65.0 32.9 98.6





#67

Ethyl Benzene

Concen: 51.558 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

Tgt Ion: 91 Resp: 30074

Ion Ratio Lower Upper

91 100

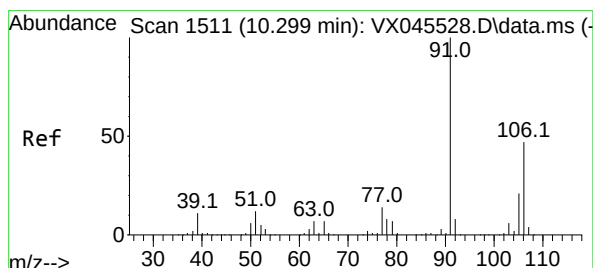
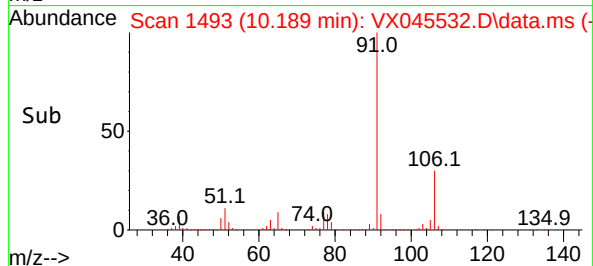
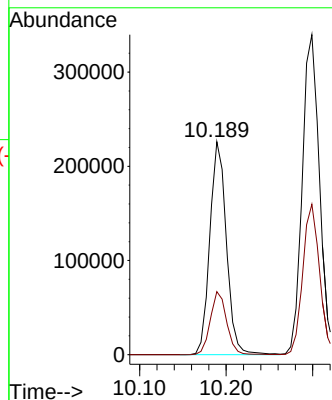
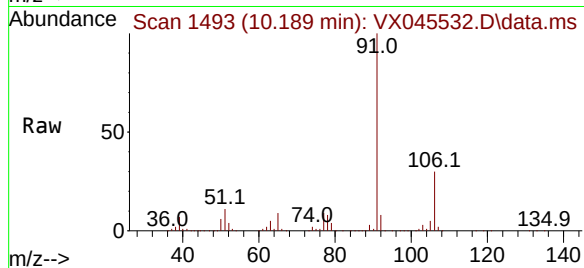
106 29.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#68

m/p-Xylenes

Concen: 102.728 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045532.D

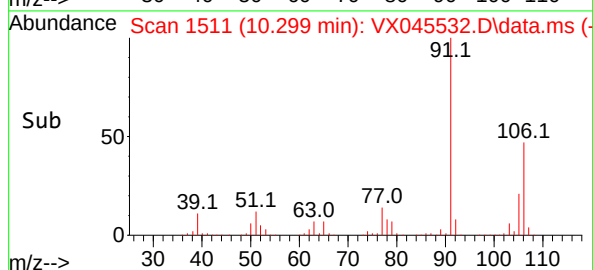
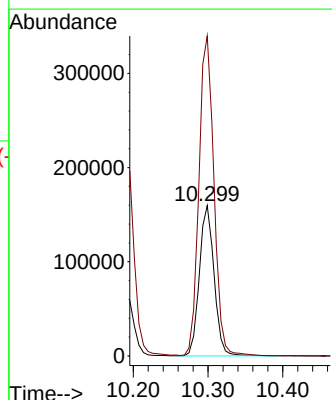
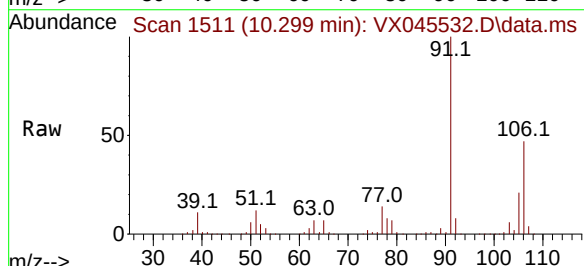
Acq: 01 Apr 2025 19:48

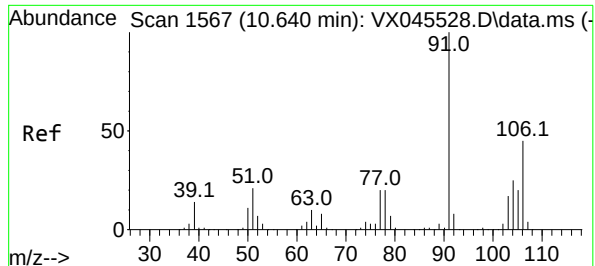
Tgt Ion:106 Resp: 217943

Ion Ratio Lower Upper

106 100

91 217.6 172.6 258.8





#69

o-Xylene

Concen: 51.650 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion:106 Resp: 10794

Ion Ratio Lower Upper

106 100

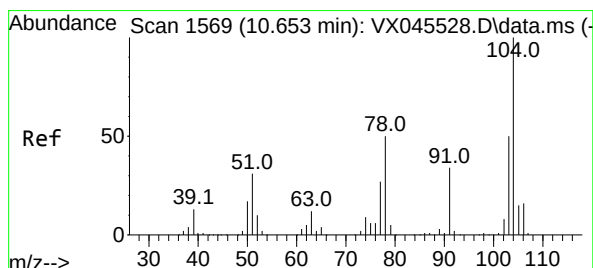
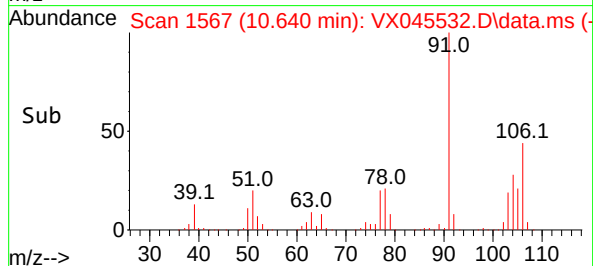
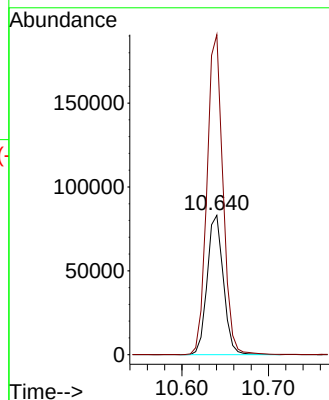
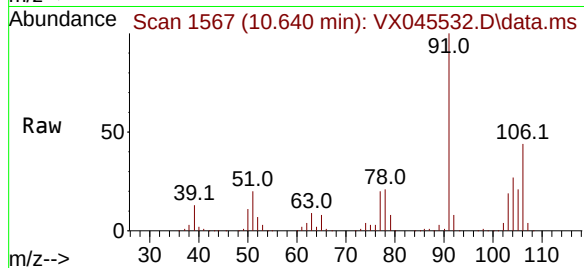
91 226.8 113.6 340.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#70

Styrene

Concen: 52.624 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

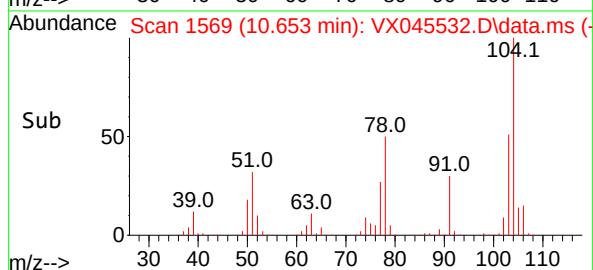
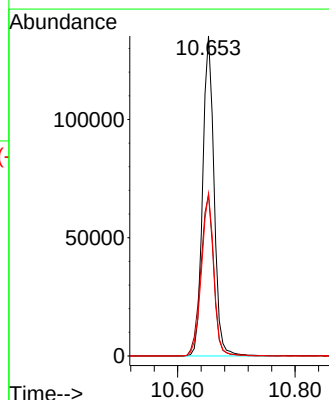
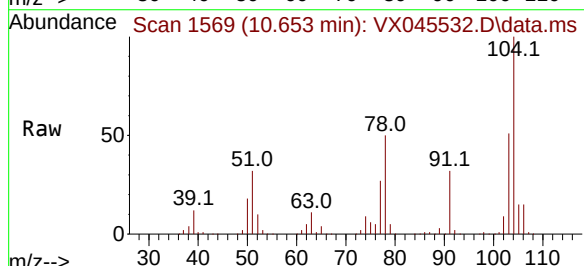
Tgt Ion:104 Resp: 181524

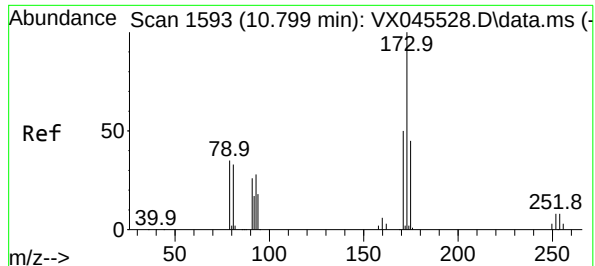
Ion Ratio Lower Upper

104 100

78 57.0 45.4 68.2

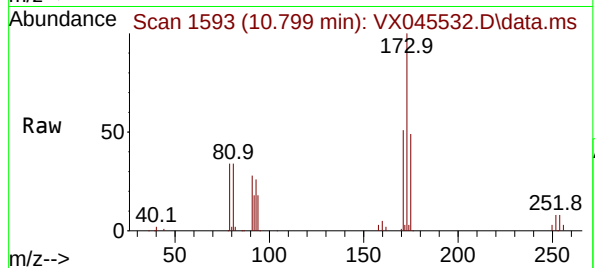
103 55.2 43.8 65.8





#71
Bromoform
Concen: 52.694 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

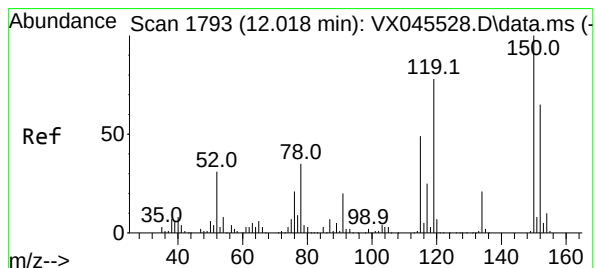
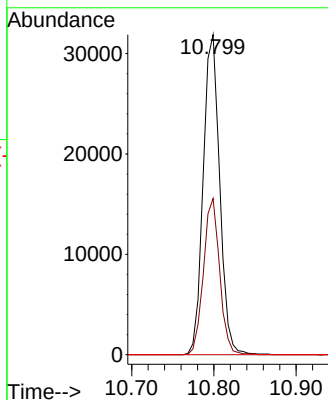
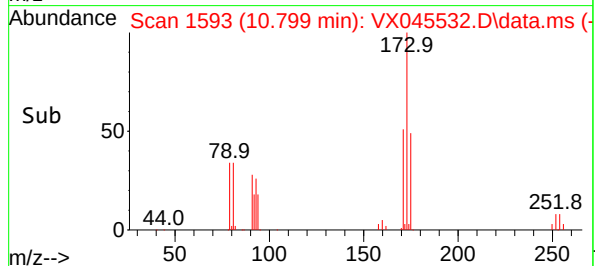
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:173 Resp: 44489
Ion Ratio Lower Upper
173 100
175 47.8 23.4 70.2
254 0.0 0.0 0.0

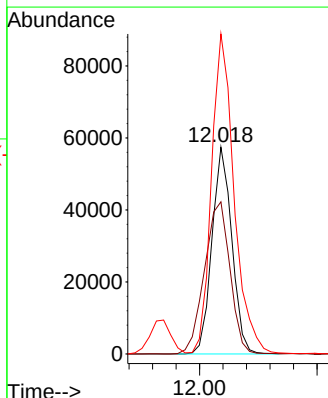
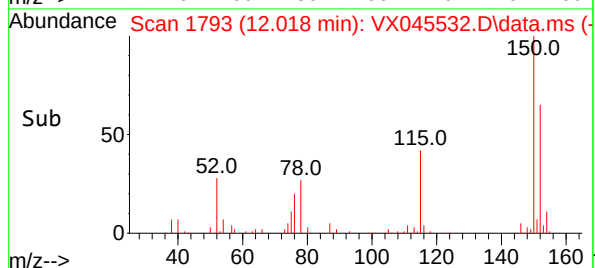
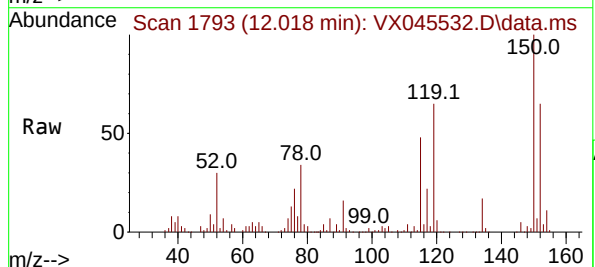
Manual Integrations
APPROVED

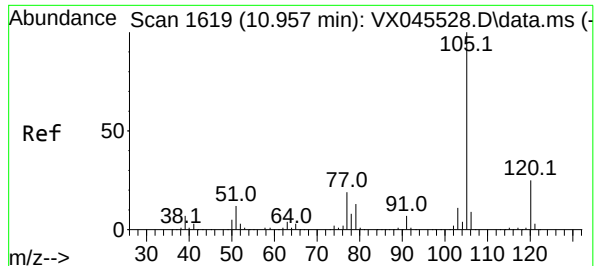
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

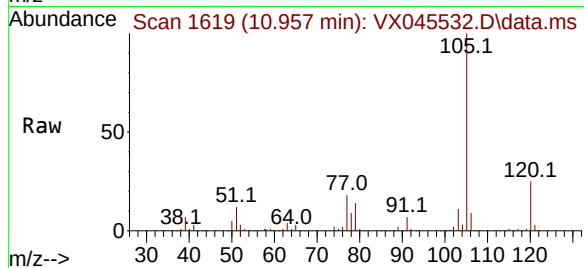
Tgt Ion:152 Resp: 67633
Ion Ratio Lower Upper
152 100
115 94.2 46.9 140.7
150 175.4 0.0 349.4





#73
Isopropylbenzene
Concen: 52.794 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

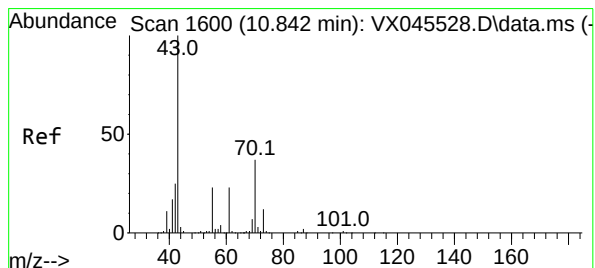
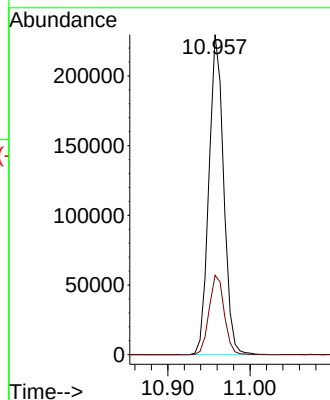
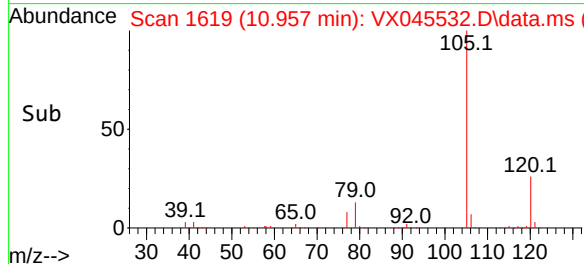
Instrument :
MSVOA_X
ClientSampleId :
ICVX040225



Tgt Ion:105 Resp: 286010
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

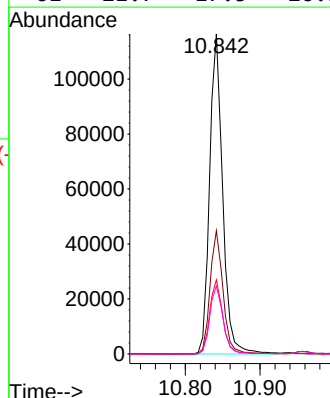
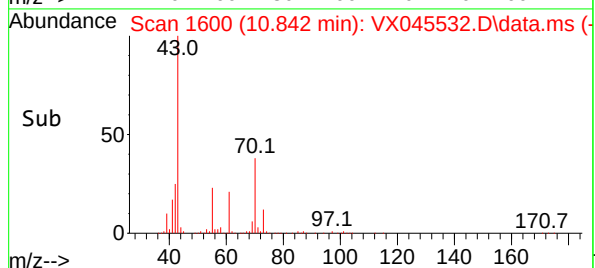
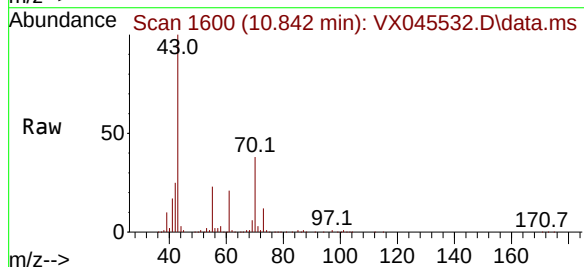
Manual Integrations
APPROVED

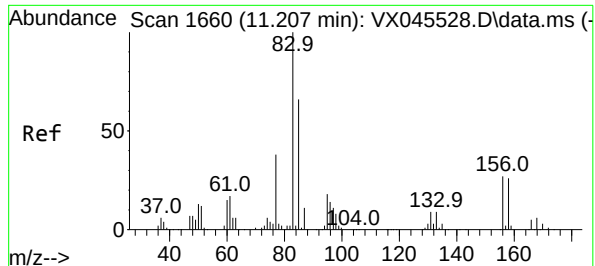
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#74
N-ethyl acetate
Concen: 54.387 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 43 Resp: 140941
Ion Ratio Lower Upper
43 100
70 38.2 30.1 45.1
55 23.3 18.3 27.5
61 21.7 17.5 26.3





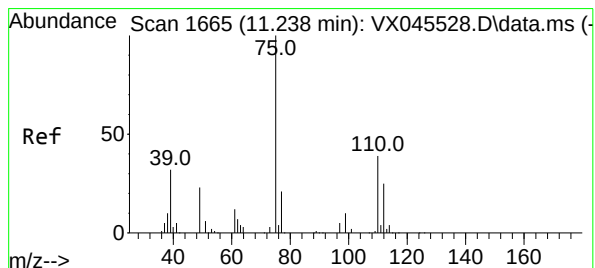
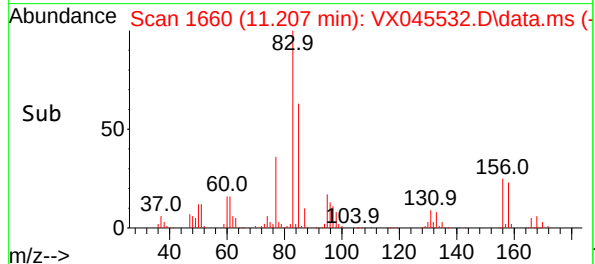
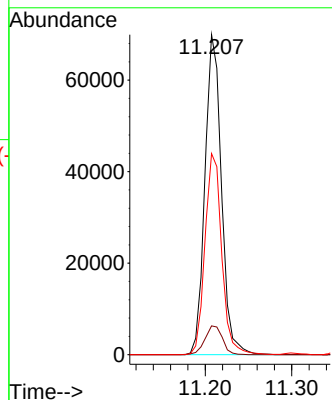
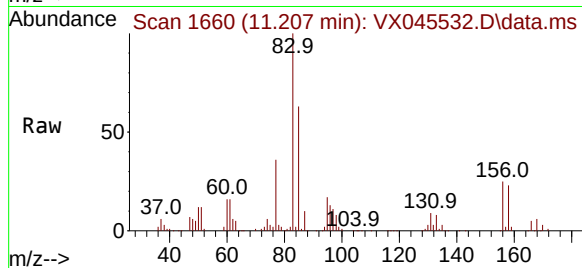
#75
1,1,2,2-Tetrachloroethane
Concen: 48.608 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Tgt Ion:	83	Resp:	9250
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.1
85	63.9	32.4	97.2

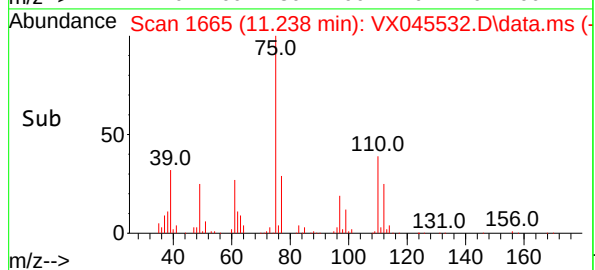
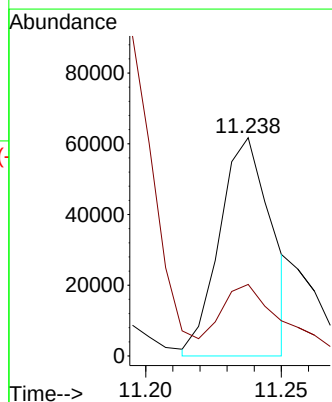
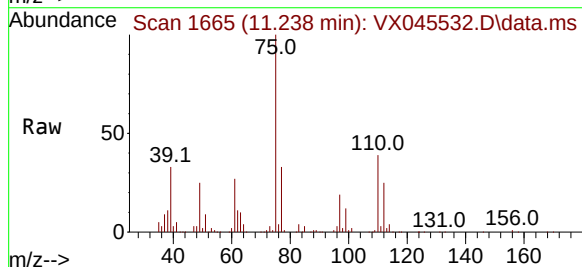
Manual Integrations
APPROVED

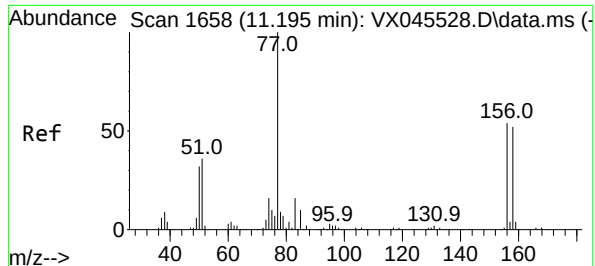
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#76
1,2,3-Trichloropropane
Concen: 49.741 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

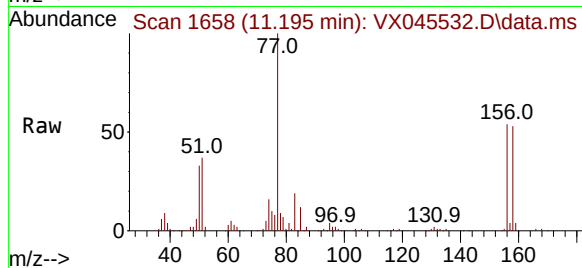
Tgt Ion:	75	Resp:	82060
Ion	Ratio	Lower	Upper
75	100		
77	40.0	20.0	59.9





#77
Bromobenzene
Concen: 50.525 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

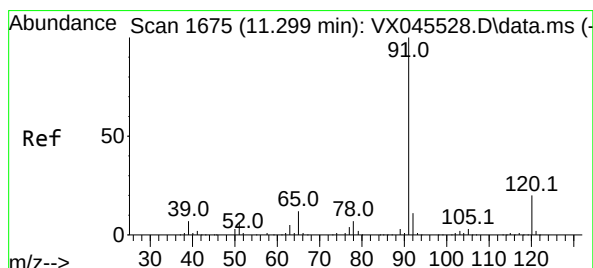
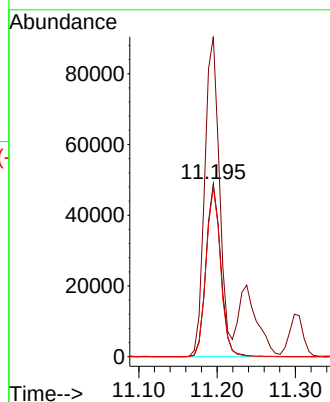
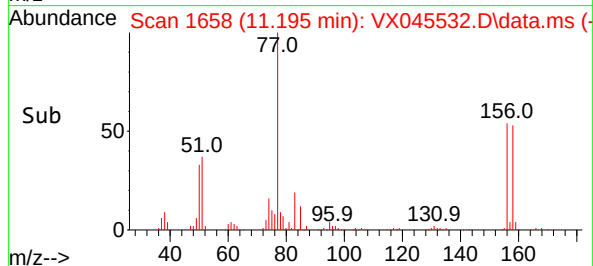
Instrument :
MSVOA_X
ClientSampleId :
ICVX040225



Tgt Ion:156 Resp: 63244
Ion Ratio Lower Upper
156 100
77 188.0 92.6 277.8
158 97.5 48.1 144.4

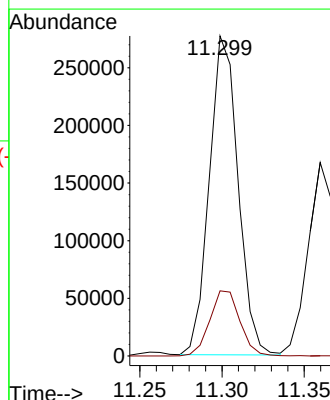
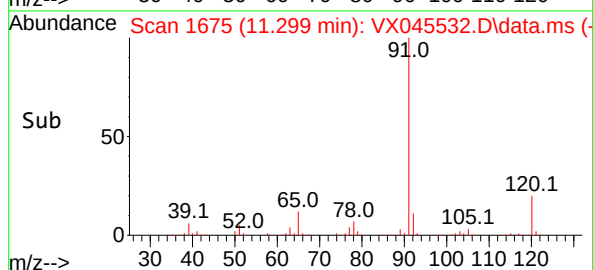
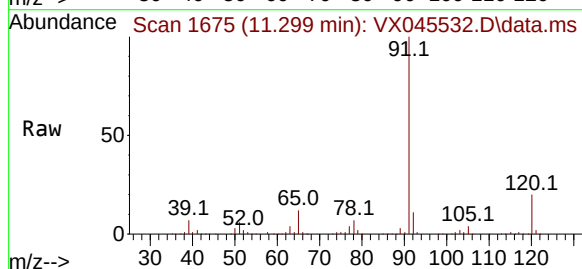
Manual Integrations
APPROVED

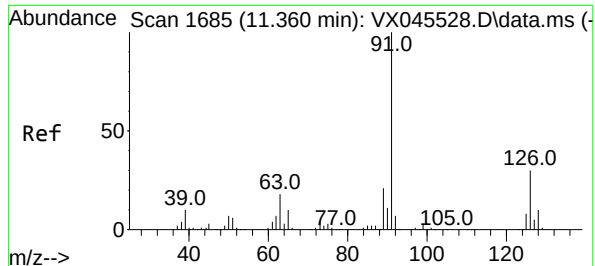
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#78
n-propylbenzene
Concen: 53.967 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 91 Resp: 336753
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.3





#79

2-Chlorotoluene

Concen: 51.057 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040225

Tgt Ion: 91 Resp: 20367

Ion Ratio Lower Upper

91 100

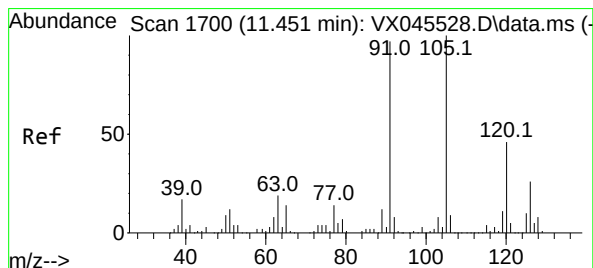
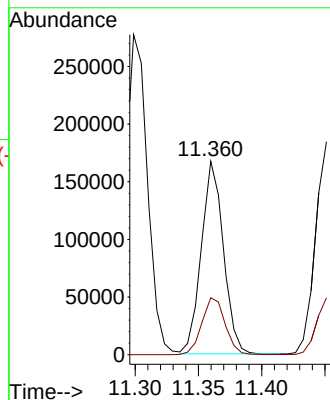
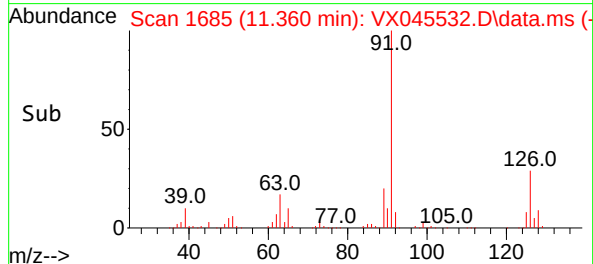
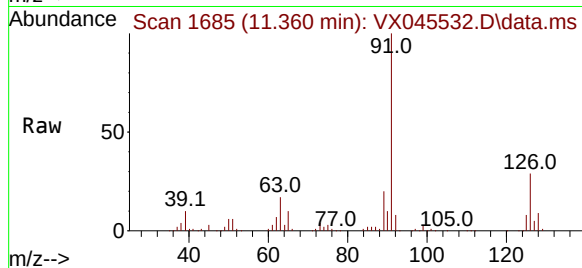
126 31.2 15.8 47.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#80

1,3,5-Trimethylbenzene

Concen: 53.534 ug/l

RT: 11.445 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VX045532.D

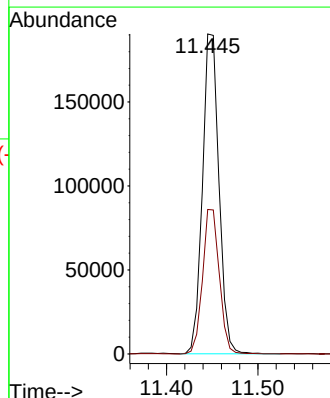
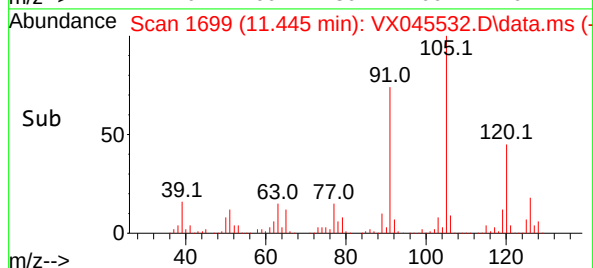
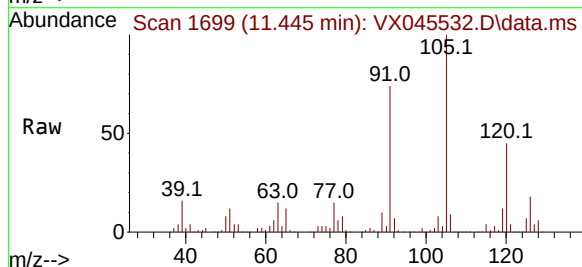
Acq: 01 Apr 2025 19:48

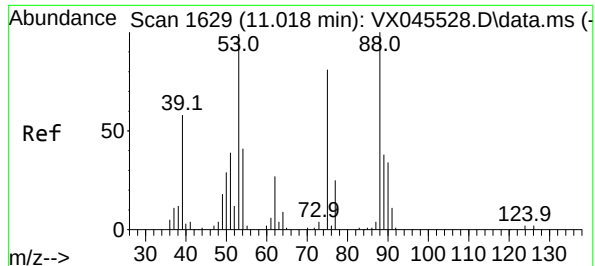
Tgt Ion:105 Resp: 239822

Ion Ratio Lower Upper

105 100

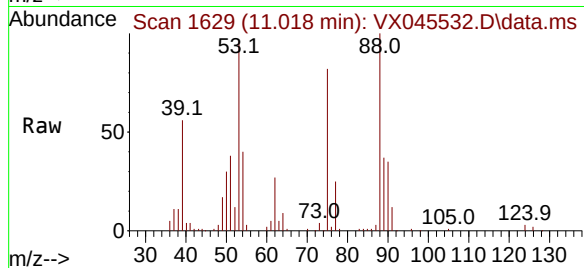
120 45.8 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.482 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

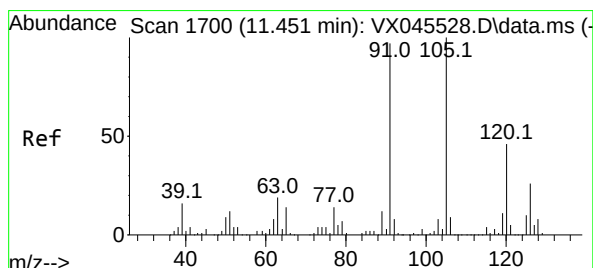
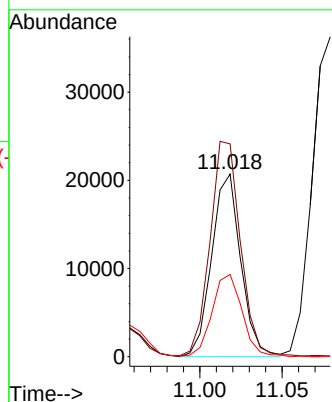
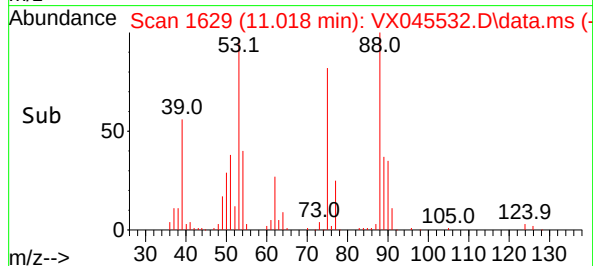
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion: 75 Resp: 2551
Ion Ratio Lower Upper
75 100
53 124.4 101.8 152.6
89 46.4 37.2 55.8

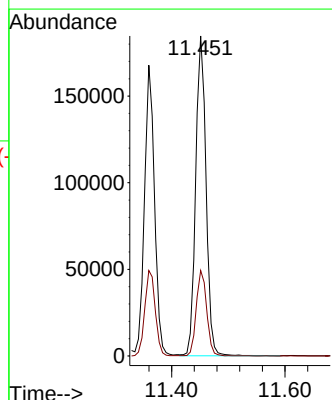
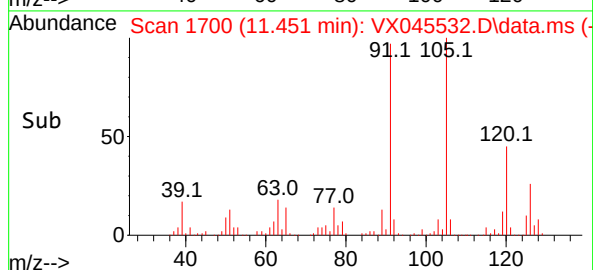
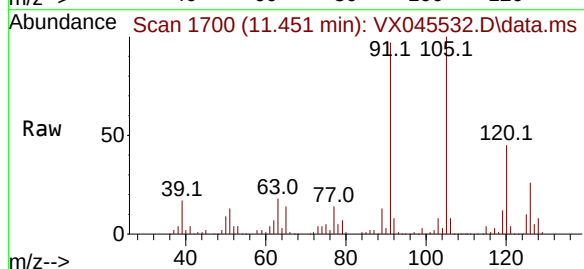
Manual Integrations
APPROVED

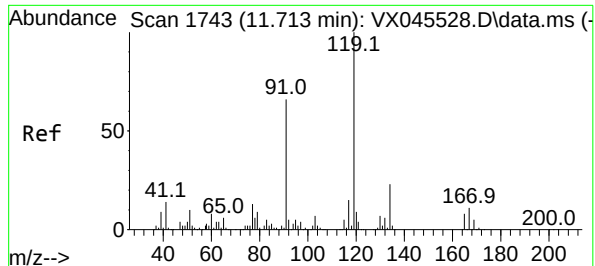
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#82
4-Chlorotoluene
Concen: 52.422 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

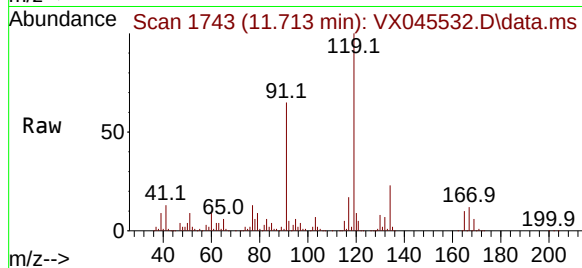
Tgt Ion: 91 Resp: 233159
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.9





#83
tert-Butylbenzene
Concen: 53.274 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

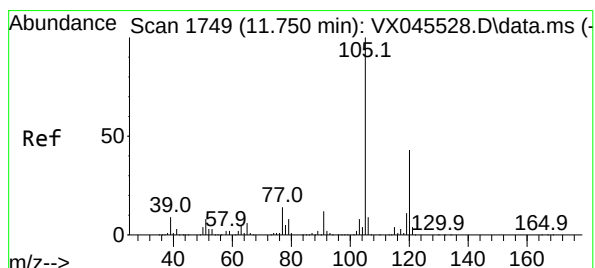
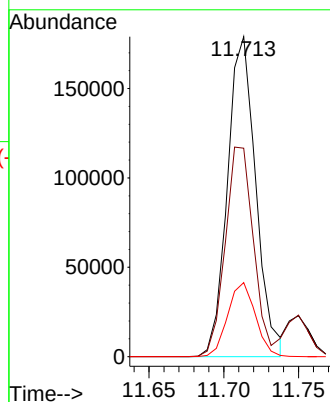
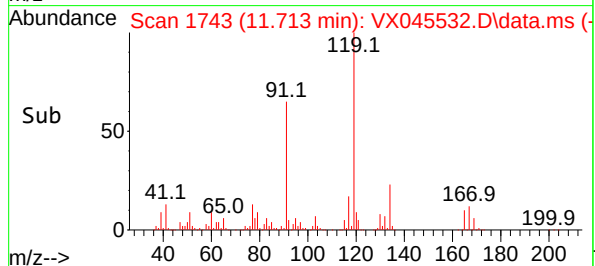
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:119 Resp: 236270
Ion Ratio Lower Upper
119 100
91 64.8 32.4 97.2
134 22.6 11.5 34.5

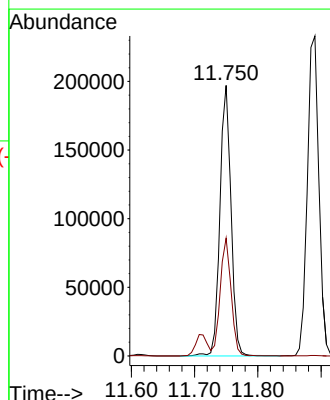
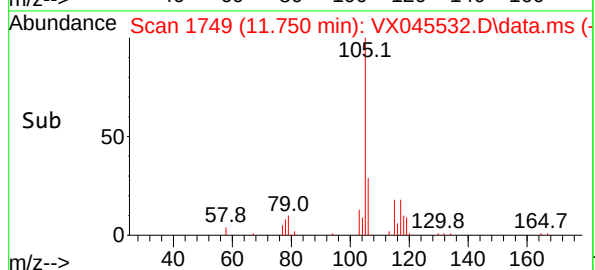
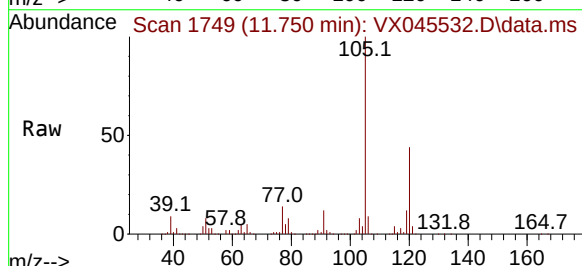
Manual Integrations
APPROVED

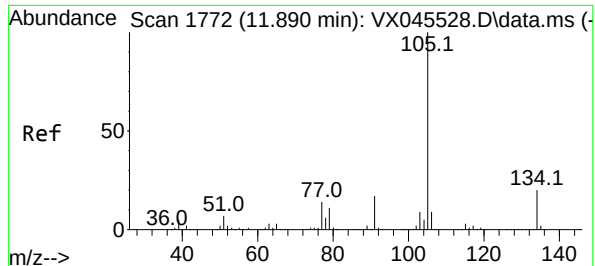
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#84
1,2,4-Trimethylbenzene
Concen: 52.990 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:105 Resp: 238257
Ion Ratio Lower Upper
105 100
120 42.8 21.4 64.3





#85

sec-Butylbenzene

Concen: 53.903 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion:105 Resp: 29363

Ion Ratio Lower Upper

105 100

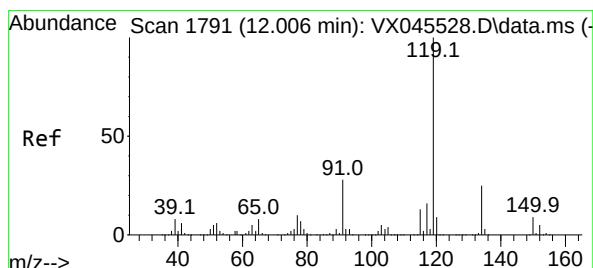
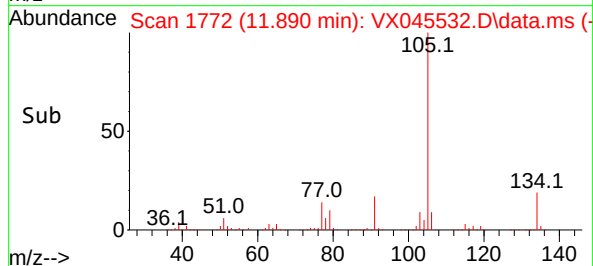
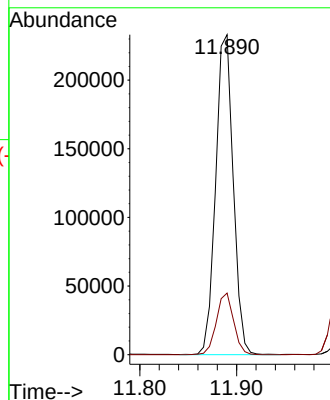
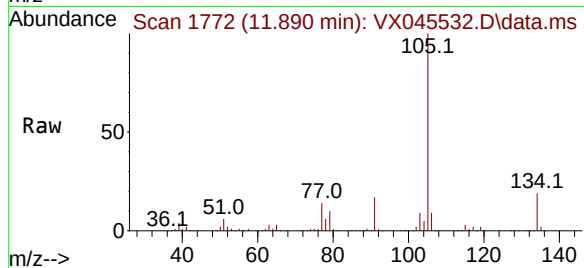
134 18.9 9.6 28.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#86

p-Isopropyltoluene

Concen: 54.337 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

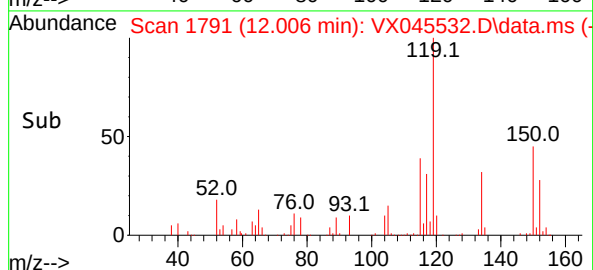
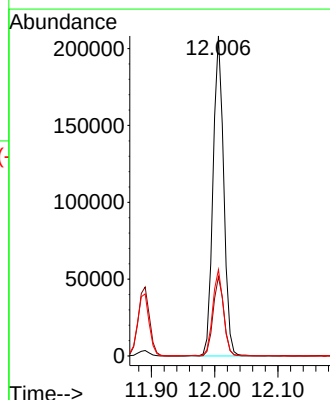
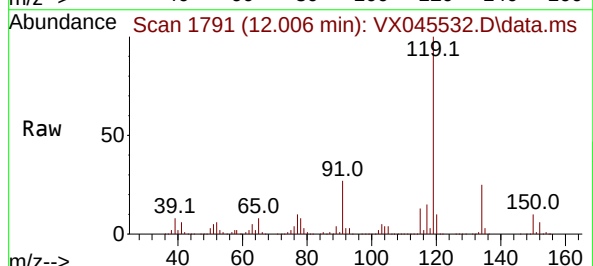
Tgt Ion:119 Resp: 244031

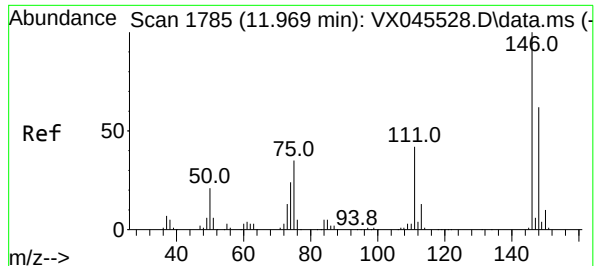
Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.8

91 27.0 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 50.521 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion:146 Resp: 11511

Ion Ratio Lower Upper

146 100

111 44.3 22.2 66.6

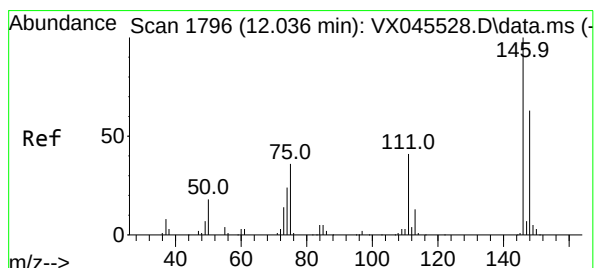
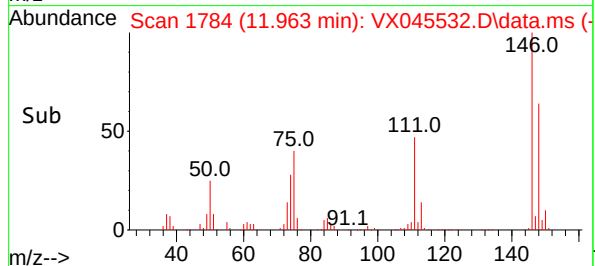
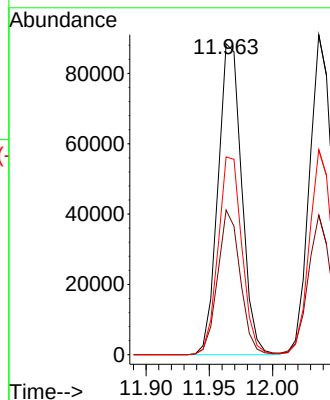
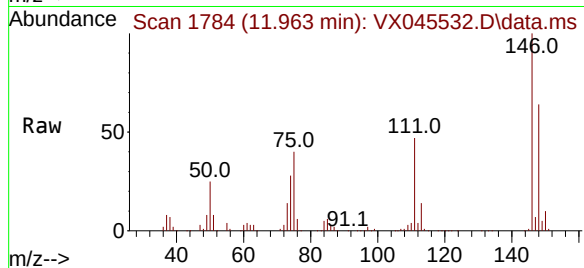
148 63.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#88

1,4-Dichlorobenzene

Concen: 49.117 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

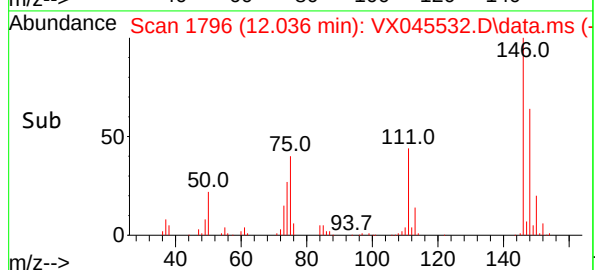
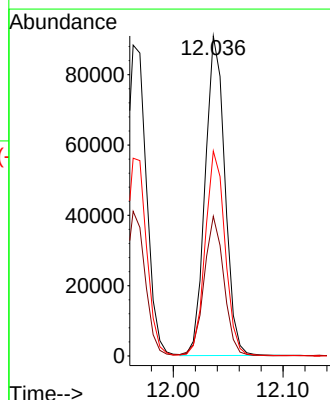
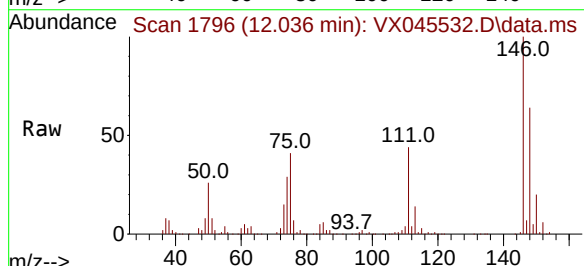
Tgt Ion:146 Resp: 113458

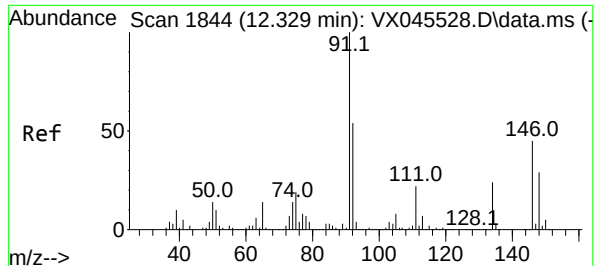
Ion Ratio Lower Upper

146 100

111 44.1 20.9 62.8

148 64.5 31.5 94.5





#89

n-Butylbenzene

Concen: 55.189 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

Tgt Ion: 91 Resp: 21493

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.6

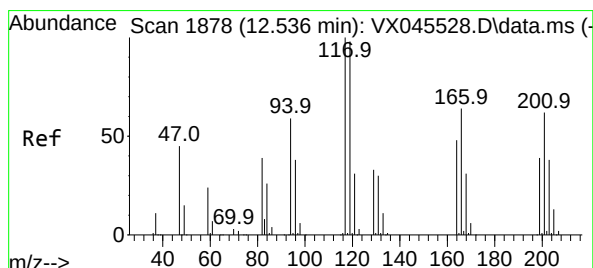
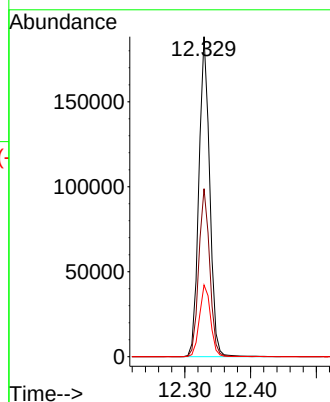
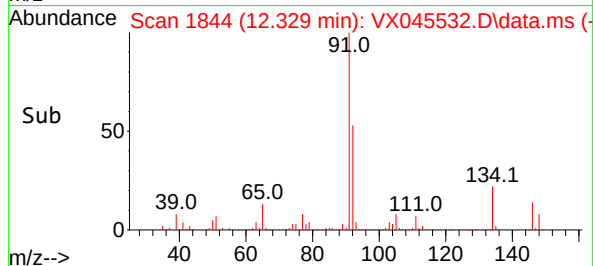
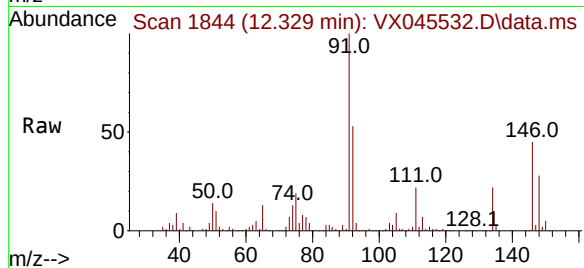
134 23.0 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#90

Hexachloroethane

Concen: 54.066 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045532.D

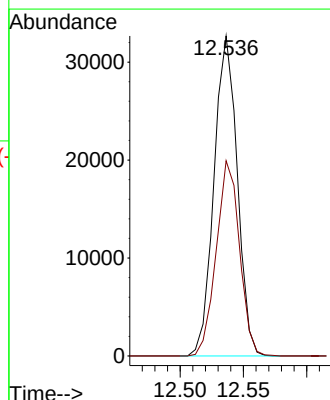
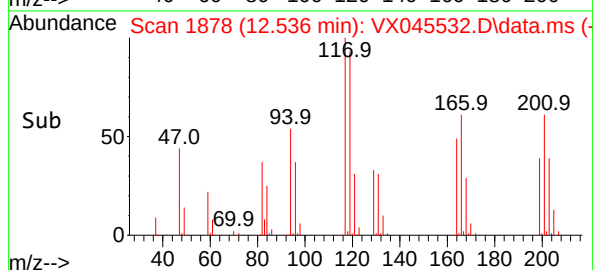
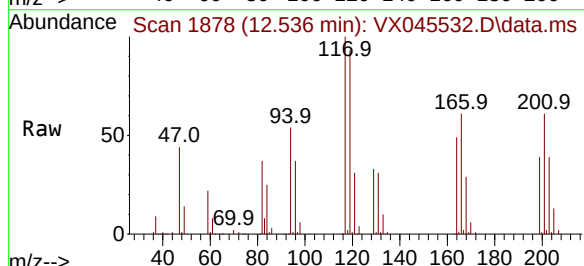
Acq: 01 Apr 2025 19:48

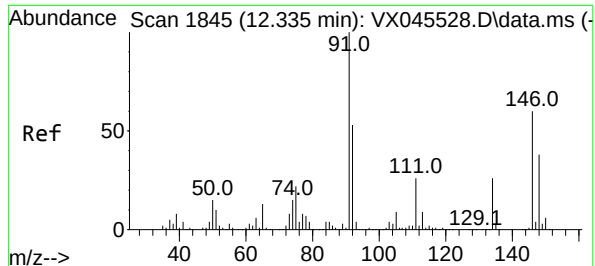
Tgt Ion:117 Resp: 41729

Ion Ratio Lower Upper

117 100

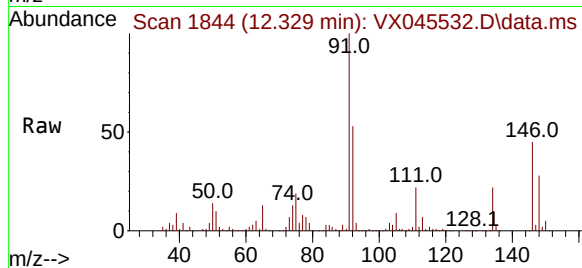
201 61.0 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 49.938 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

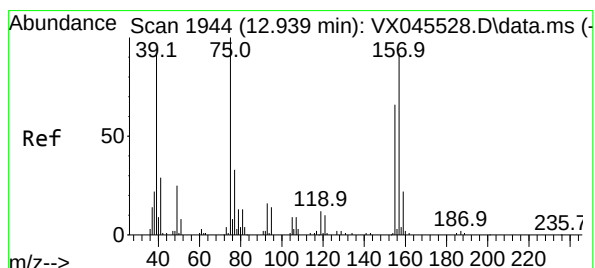
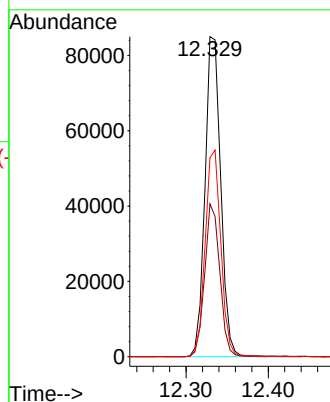
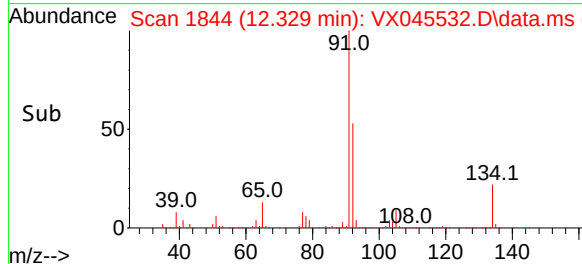
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:146 Resp: 113120
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.8
148 64.1 31.9 95.5

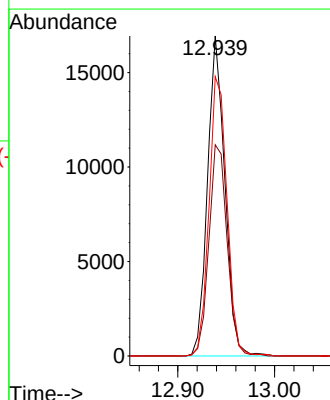
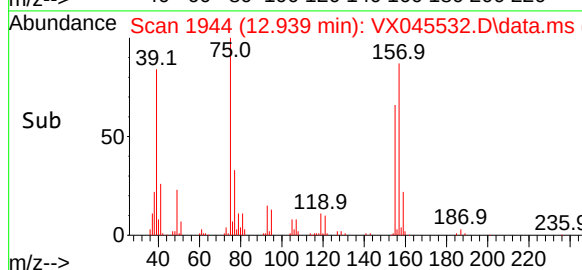
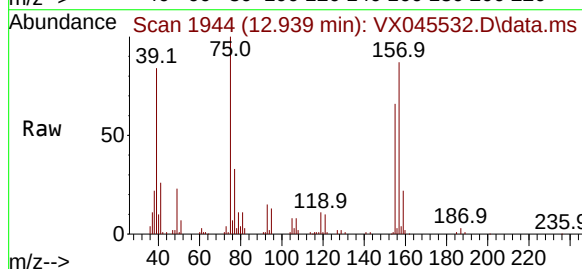
Manual Integrations
APPROVED

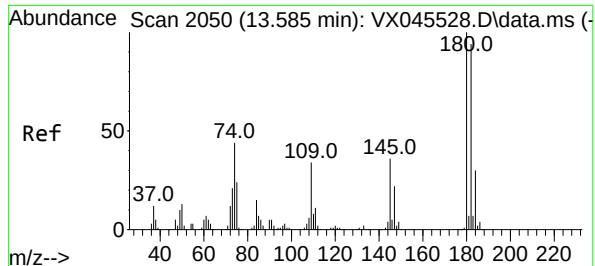
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.226 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 75 Resp: 21184
Ion Ratio Lower Upper
75 100
155 69.4 34.9 104.7
157 90.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.935 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

Instrument :

MSVOA_X

ClientSampleId :

ICVX040225

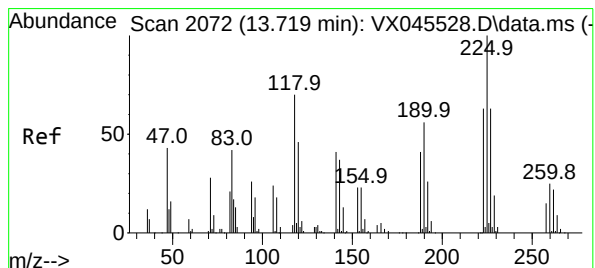
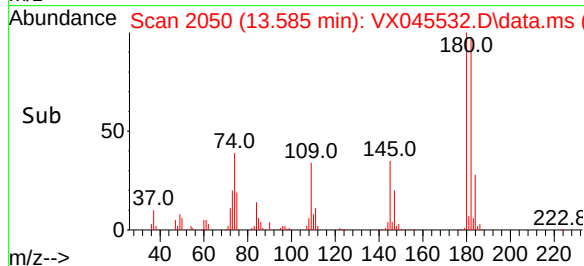
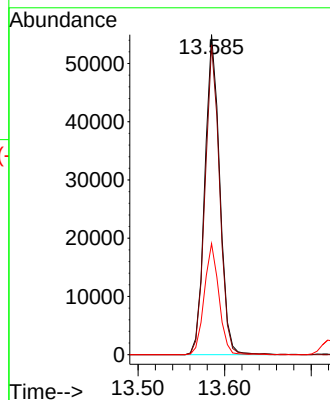
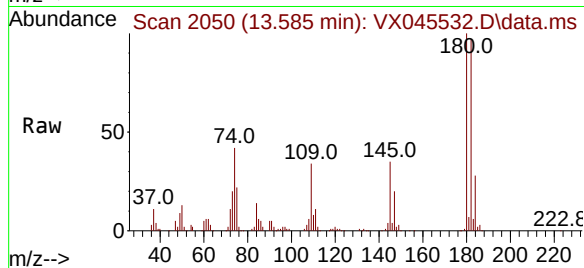
Tgt Ion:180	Resp:	65488
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.9 143.6
145	34.1	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#94

Hexachlorobutadiene

Concen: 49.961 ug/l

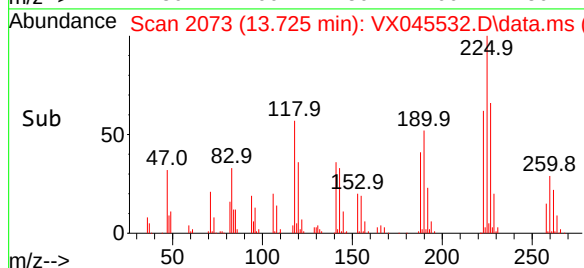
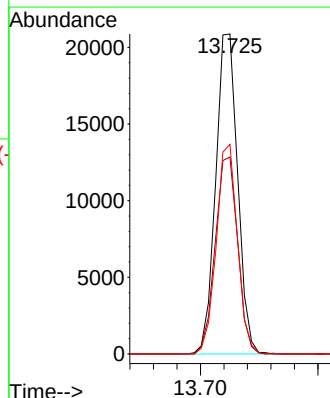
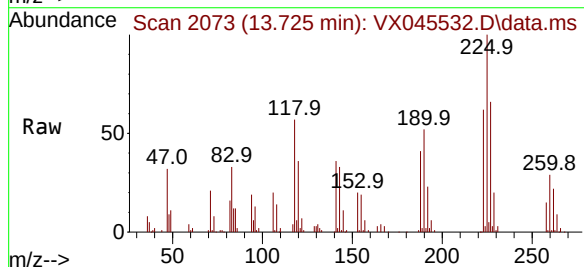
RT: 13.725 min Scan# 2073

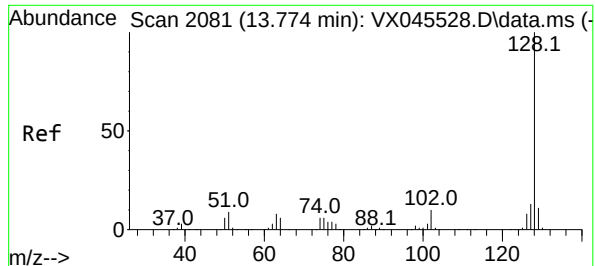
Delta R.T. 0.006 min

Lab File: VX045532.D

Acq: 01 Apr 2025 19:48

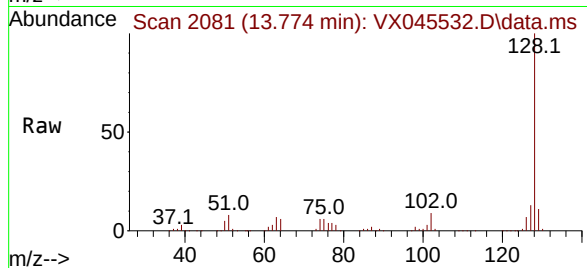
Tgt Ion:225	Resp:	27147
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.1 93.3
227	63.0	32.2 96.6





#95
Naphthalene
Concen: 52.765 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

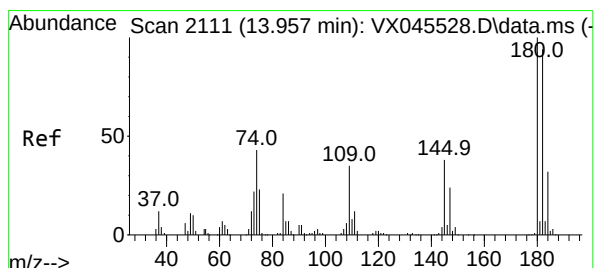
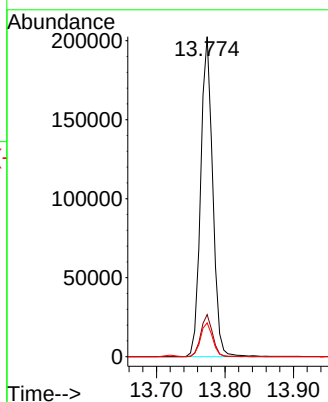
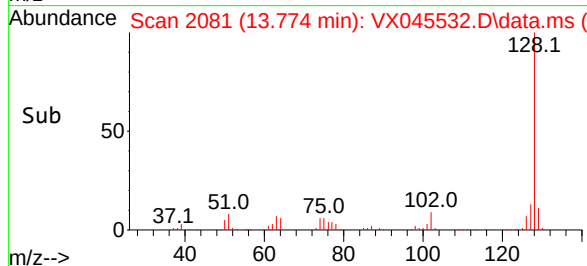
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225



Tgt Ion:128 Resp: 247600
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 12.8

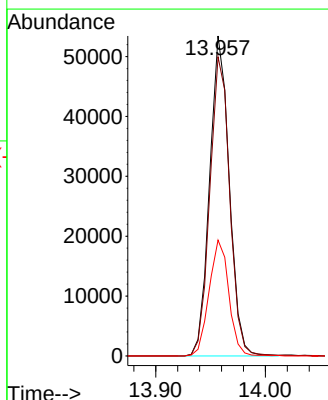
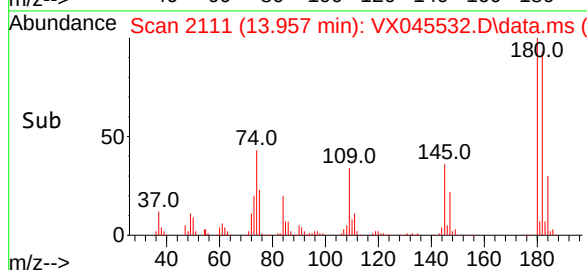
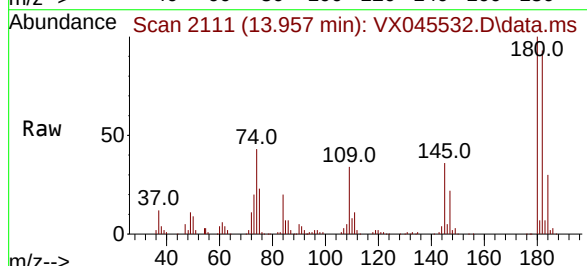
Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.396 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:180 Resp: 66542
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.8
145 36.4 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	0.748	0.784	-4.8	97	0.00
3 P	Chloromethane	0.768	0.743	3.3	96	0.00
4 C	Vinyl Chloride	0.703	0.686	2.4#	97	0.00
5 T	Bromomethane	0.333	0.313	6.0	96	0.00
6 T	Chloroethane	0.373	0.385	-3.2	98	0.00
7 T	Trichlorofluoromethane	1.048	1.056	-0.8	99	0.00
8 T	Diethyl Ether	0.352	0.347	1.4	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.608	1.0	99	0.00
10 T	Methyl Iodide	0.766	0.745	2.7	95	0.00
11 T	Tert butyl alcohol	0.123	0.121	1.6	97	0.00
12 CM	1,1-Dichloroethene	0.600	0.597	0.5#	100	0.00
13 T	Acrolein	0.169	0.161	4.7	98	0.00
14 T	Allyl chloride	1.139	1.151	-1.1	100	0.00
15 T	Acrylonitrile	0.388	0.385	0.8	96	0.00
16 T	Acetone	0.375	0.363	3.2	98	0.00
17 T	Carbon Disulfide	1.483	1.544	-4.1	101	0.00
18 T	Methyl Acetate	0.864	0.843	2.4	100	0.00
19 T	Methyl tert-butyl Ether	2.100	2.140	-1.9	102	0.00
20 T	Methylene Chloride	0.703	0.690	1.8	99	0.00
21 T	trans-1,2-Dichloroethene	0.613	0.611	0.3	99	0.00
22 T	Diisopropyl ether	2.243	2.284	-1.8	101	0.00
23 T	Vinyl Acetate	1.938	2.074	-7.0	101	0.00
24 P	1,1-Dichloroethane	1.269	1.261	0.6	101	0.00
25 T	2-Butanone	0.550	0.560	-1.8	97	0.00
26 T	2,2-Dichloropropane	0.820	0.853	-4.0	102	0.00
27 T	cis-1,2-Dichloroethene	0.747	0.733	1.9	99	0.00
28 T	Bromochloromethane	0.613	0.594	3.1	101	0.00
29 T	Tetrahydrofuran	0.356	0.356	0.0	97	0.00
30 C	Chloroform	1.306	1.295	0.8#	100	0.00
31 T	Cyclohexane	1.122	1.112	0.9	100	0.00
32 T	1,1,1-Trichloroethane	1.105	1.112	-0.6	102	0.00
33 S	1,2-Dichloroethane-d4	0.914	0.920	-0.7	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.355	0.349	1.7	105	0.00
36 T	1,1-Dichloropropene	0.479	0.480	-0.2	103	0.00
37 T	Ethyl Acetate	0.604	0.601	0.5	100	0.00
38 T	Carbon Tetrachloride	0.518	0.525	-1.4	102	0.00
39 T	Methylcyclohexane	0.587	0.589	-0.3	98	0.00
40 TM	Benzene	1.463	1.440	1.6	101	0.00
41 T	Methacrylonitrile	0.318	0.338	-6.3	100	0.00
42 TM	1,2-Dichloroethane	0.604	0.591	2.2	99	0.00
43 T	Isopropyl Acetate	0.915	0.943	-3.1	100	0.00
44 TM	Trichloroethene	0.348	0.331	4.9	98	0.00
45 C	1,2-Dichloropropane	0.365	0.361	1.1#	100	0.00
46 T	Dibromomethane	0.280	0.272	2.9	97	0.00
47 T	Bromodichloromethane	0.560	0.551	1.6	100	0.00
48 T	Methyl methacrylate	0.472	0.487	-3.2	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.009	0.008	11.1	92	0.00
50 S	Toluene-d8	1.238	1.242	-0.3	106	0.00
51 T	4-Methyl-2-Pentanone	0.606	0.619	-2.1	97	0.00
52 CM	Toluene	0.885	0.867	2.0#	99	0.00
53 T	t-1,3-Dichloropropene	0.467	0.502	-7.5	103	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.567	-7.8	104	0.00
55 T	1,1,2-Trichloroethane	0.353	0.346	2.0	100	0.00
56 T	Ethyl methacrylate	0.546	0.586	-7.3	102	0.00
57 T	1,3-Dichloropropane	0.614	0.613	0.2	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.276	0.287	-4.0	100	0.00
59 T	2-Hexanone	0.449	0.452	-0.7	96	0.00
60 T	Dibromochloromethane	0.385	0.392	-1.8	99	0.00
61 T	1,2-Dibromoethane	0.357	0.362	-1.4	101	0.00
62 S	4-Bromofluorobenzene	0.451	0.460	-2.0	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.353	0.334	5.4	97	0.00
65 PM	Chlorobenzene	1.068	1.073	-0.5	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.375	-1.1	102	0.00
67 C	Ethyl Benzene	1.914	1.973	-3.1#	100	0.00
68 T	m/p-Xylenes	0.696	0.715	-2.7	100	0.00
69 T	o-Xylene	0.686	0.708	-3.2	100	0.00
70 T	Styrene	1.132	1.191	-5.2	99	0.00
71 P	Bromoform	0.277	0.292	-5.4	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	4.005	4.229	-5.6	99	0.00
74 T	N-amyl acetate	1.916	2.084	-8.8	100	0.00
75 P	1,1,2,2-Tetrachloroethane	1.407	1.368	2.8	97	0.00
76 T	1,2,3-Trichloropropane	1.220	1.213	0.6	97	0.00
77 T	Bromobenzene	0.925	0.935	-1.1	98	0.00
78 T	n-propylbenzene	4.613	4.979	-7.9	100	0.00
79 T	2-Chlorotoluene	2.949	3.012	-2.1	100	0.00
80 T	1,3,5-Trimethylbenzene	3.312	3.546	-7.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.377	-5.0	100	0.00
82 T	4-Chlorotoluene	3.288	3.447	-4.8	98	0.00
83 T	tert-Butylbenzene	3.279	3.494	-6.6	100	0.00
84 T	1,2,4-Trimethylbenzene	3.324	3.523	-6.0	98	0.00
85 T	sec-Butylbenzene	4.027	4.342	-7.8	99	0.00
86 T	p-Isopropyltoluene	3.320	3.608	-8.7	101	0.00
87 T	1,3-Dichlorobenzene	1.684	1.702	-1.1	98	0.00
88 T	1,4-Dichlorobenzene	1.708	1.678	1.8	97	0.00
89 T	n-Butylbenzene	2.879	3.178	-10.4	99	0.00
90 T	Hexachloroethane	0.571	0.617	-8.1	102	0.00
91 T	1,2-Dichlorobenzene	1.675	1.673	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.294	0.313	-6.5	98	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.968	-3.9	101	0.00
94 T	Hexachlorobutadiene	0.402	0.401	0.2	98	0.00
95 T	Naphthalene	3.469	3.661	-5.5	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.976	0.984	-0.8	97	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	50.000	52.454	-4.9	97	0.00
3 P	Chloromethane	50.000	48.349	3.3	96	0.00
4 C	Vinyl Chloride	50.000	48.816	2.4#	97	0.00
5 T	Bromomethane	50.000	46.991	6.0	96	0.00
6 T	Chloroethane	50.000	51.586	-3.2	98	0.00
7 T	Trichlorofluoromethane	50.000	50.354	-0.7	99	0.00
8 T	Diethyl Ether	50.000	49.228	1.5	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.528	0.9	99	0.00
10 T	Methyl Iodide	50.000	48.626	2.7	95	0.00
11 T	Tert butyl alcohol	250.000	246.612	1.4	97	0.00
12 CM	1,1-Dichloroethene	50.000	49.726	0.5#	100	0.00
13 T	Acrolein	250.000	238.141	4.7	98	0.00
14 T	Allyl chloride	50.000	50.541	-1.1	100	0.00
15 T	Acrylonitrile	250.000	248.351	0.7	96	0.00
16 T	Acetone	250.000	241.904	3.2	98	0.00
17 T	Carbon Disulfide	50.000	52.057	-4.1	101	0.00
18 T	Methyl Acetate	50.000	48.742	2.5	100	0.00
19 T	Methyl tert-butyl Ether	50.000	50.950	-1.9	102	0.00
20 T	Methylene Chloride	50.000	49.055	1.9	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.800	0.4	99	0.00
22 T	Diisopropyl ether	50.000	50.895	-1.8	101	0.00
23 T	Vinyl Acetate	250.000	267.449	-7.0	101	0.00
24 P	1,1-Dichloroethane	50.000	49.677	0.6	101	0.00
25 T	2-Butanone	250.000	254.882	-2.0	97	0.00
26 T	2,2-Dichloropropane	50.000	52.020	-4.0	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.049	1.9	99	0.00
28 T	Bromochloromethane	50.000	48.403	3.2	101	0.00
29 T	Tetrahydrofuran	250.000	249.473	0.2	97	0.00
30 C	Chloroform	50.000	49.614	0.8#	100	0.00
31 T	Cyclohexane	50.000	49.583	0.8	100	0.00
32 T	1,1,1-Trichloroethane	50.000	50.330	-0.7	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.329	-0.7	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	49.256	1.5	105	0.00
36 T	1,1-Dichloropropene	50.000	50.088	-0.2	103	0.00
37 T	Ethyl Acetate	50.000	49.787	0.4	100	0.00
38 T	Carbon Tetrachloride	50.000	50.667	-1.3	102	0.00
39 T	Methylcyclohexane	50.000	50.124	-0.2	98	0.00
40 TM	Benzene	50.000	49.212	1.6	101	0.00
41 T	Methacrylonitrile	50.000	53.098	-6.2	100	0.00
42 TM	1,2-Dichloroethane	50.000	48.875	2.3	99	0.00
43 T	Isopropyl Acetate	50.000	51.539	-3.1	100	0.00
44 TM	Trichloroethene	50.000	47.643	4.7	98	0.00
45 C	1,2-Dichloropropane	50.000	49.521	1.0#	100	0.00
46 T	Dibromomethane	50.000	48.542	2.9	97	0.00
47 T	Bromodichloromethane	50.000	49.273	1.5	100	0.00
48 T	Methyl methacrylate	50.000	51.507	-3.0	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	955.327	4.5	92	0.00
50 S	Toluene-d8	50.000	50.160	-0.3	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	254.994	-2.0	97	0.00
52 CM	Toluene	50.000	48.994	2.0#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	46.783	6.4	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.878	-7.8	104	0.00
55 T	1,1,2-Trichloroethane	50.000	49.007	2.0	100	0.00
56 T	Ethyl methacrylate	50.000	53.705	-7.4	102	0.00
57 T	1,3-Dichloropropane	50.000	49.869	0.3	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.201	-4.1	100	0.00
59 T	2-Hexanone	250.000	251.710	-0.7	96	0.00
60 T	Dibromochloromethane	50.000	50.983	-2.0	99	0.00
61 T	1,2-Dibromoethane	50.000	50.693	-1.4	101	0.00
62 S	4-Bromofluorobenzene	50.000	50.959	-1.9	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	47.239	5.5	97	0.00
65 PM	Chlorobenzene	50.000	50.207	-0.4	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.495	-1.0	102	0.00
67 C	Ethyl Benzene	50.000	51.558	-3.1#	100	0.00
68 T	m/p-Xylenes	100.000	102.728	-2.7	100	0.00
69 T	o-Xylene	50.000	51.650	-3.3	100	0.00
70 T	Styrene	50.000	52.624	-5.2	99	0.00
71 P	Bromoform	50.000	52.694	-5.4	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	52.794	-5.6	99	0.00
74 T	N-amyl acetate	50.000	54.387	-8.8	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.608	2.8	97	0.00
76 T	1,2,3-Trichloropropane	50.000	49.741	0.5	97	0.00
77 T	Bromobenzene	50.000	50.525	-1.0	98	0.00
78 T	n-propylbenzene	50.000	53.967	-7.9	100	0.00
79 T	2-Chlorotoluene	50.000	51.057	-2.1	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.534	-7.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.482	-5.0	100	0.00
82 T	4-Chlorotoluene	50.000	52.422	-4.8	98	0.00
83 T	tert-Butylbenzene	50.000	53.274	-6.5	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.990	-6.0	98	0.00
85 T	sec-Butylbenzene	50.000	53.903	-7.8	99	0.00
86 T	p-Isopropyltoluene	50.000	54.337	-8.7	101	0.00
87 T	1,3-Dichlorobenzene	50.000	50.521	-1.0	98	0.00
88 T	1,4-Dichlorobenzene	50.000	49.117	1.8	97	0.00
89 T	n-Butylbenzene	50.000	55.189	-10.4	99	0.00
90 T	Hexachloroethane	50.000	54.066	-8.1	102	0.00
91 T	1,2-Dichlorobenzene	50.000	49.938	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.226	-6.5	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.935	-3.9	101	0.00
94 T	Hexachlorobutadiene	50.000	49.961	0.1	98	0.00
95 T	Naphthalene	50.000	52.765	-5.5	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.396	-0.8	97	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q1803 SAS No.: Q1803 SDG No.: Q1803

Instrument ID: MSVOA_X Calibration Date/Time: 04/16/2025 09:28

Lab File ID: VX045797.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.703	0.595		-15.36	20
1,1-Dichloroethene	0.600	0.535		-10.83	20
2-Butanone	0.550	0.603		9.64	20
Carbon Tetrachloride	0.518	0.503		-2.9	20
Chloroform	1.306	1.328		1.68	20
Benzene	1.463	1.414		-3.35	20
1,2-Dichloroethane	0.604	0.654		8.28	20
Trichloroethene	0.348	0.334		-4.02	20
Tetrachloroethene	0.353	0.315		-10.77	20
Chlorobenzene	1.068	1.095	0.3	2.53	20
1,2-Dichloroethane-d4	0.914	0.994		8.75	20
Dibromofluoromethane	0.355	0.371		4.51	20
Toluene-d8	1.238	1.235		-0.24	20
4-Bromofluorobenzene	0.451	0.505		11.97	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045797.D
 Acq On : 16 Apr 2025 09:28
 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 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:34:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	85794	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	152447	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85258	54.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.680%			
35) Dibromofluoromethane	5.379	113	56514	52.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	8.647	98	188345	49.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.780%			
62) 4-Bromofluorobenzene	11.079	95	77007	56.000	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56864	44.319	ug/l	99
3) Chloromethane	1.301	50	58067	44.053	ug/l	100
4) Vinyl Chloride	1.374	62	51042	42.313	ug/l	100
5) Bromomethane	1.593	94	25102	43.887	ug/l	97
6) Chloroethane	1.666	64	31371	49.017	ug/l	97
7) Trichlorofluoromethane	1.874	101	80612	44.814	ug/l	99
8) Diethyl Ether	2.130	74	31315	51.853	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	49923	47.363	ug/l	97
10) Methyl Iodide	2.441	142	62671	47.668	ug/l	98
11) Tert butyl alcohol	2.977	59	58600	277.917	ug/l	100
12) 1,1-Dichloroethene	2.306	96	45913	44.578	ug/l	98
13) Acrolein	2.233	56	81349	280.165	ug/l	98
14) Allyl chloride	2.654	41	99816	51.077	ug/l	99
15) Acrylonitrile	3.062	53	178859	268.722	ug/l	99
16) Acetone	2.386	43	168189	261.060	ug/l	99
17) Carbon Disulfide	2.502	76	98988	38.913	ug/l	97
18) Methyl Acetate	2.703	43	92549	62.394	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	201566	55.945	ug/l	99
20) Methylene Chloride	2.782	84	60009	49.754	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	47526	45.167	ug/l	96
22) Diisopropyl ether	3.757	45	207871	53.999	ug/l	97
23) Vinyl Acetate	3.715	43	915079	275.132	ug/l	100
24) 1,1-Dichloroethane	3.599	63	108165	49.684	ug/l	99
25) 2-Butanone	4.550	43	258726	274.348	ug/l	99
26) 2,2-Dichloropropane	4.465	77	82001	58.298	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	63840	49.799	ug/l	98
28) Bromochloromethane	4.891	49	52003	49.430	ug/l	99
29) Tetrahydrofuran	5.001	42	162217	265.314	ug/l	100
30) Chloroform	5.086	83	113975	50.879	ug/l	99
31) Cyclohexane	5.458	56	82171	42.695	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	93712	49.439	ug/l	98
36) 1,1-Dichloropropene	5.684	75	66526	45.553	ug/l	99
37) Ethyl Acetate	4.708	43	95198	51.727	ug/l	99
38) Carbon Tetrachloride	5.666	117	76701	48.596	ug/l	98
39) Methylcyclohexane	7.373	83	80833	45.154	ug/l	98
40) Benzene	6.031	78	215607	48.340	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045797.D
 Acq On : 16 Apr 2025 09:28
 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 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:34:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55377	57.028	ug/l	98
42) 1,2-Dichloroethane	6.080	62	99725	54.134	ug/l	99
43) Isopropyl Acetate	6.336	43	158110	56.683	ug/l	100
44) Trichloroethene	7.117	130	50885	47.999	ug/l	93
45) 1,2-Dichloropropane	7.421	63	57978	52.098	ug/l	94
46) Dibromomethane	7.574	93	45348	53.083	ug/l	99
47) Bromodichloromethane	7.818	83	91931	53.886	ug/l	95
48) Methyl methacrylate	7.690	41	82951	57.597	ug/l	98
49) 1,4-Dioxane	7.659	88	27700	1063.052	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	523522	283.119	ug/l	100
52) Toluene	8.714	92	131394	48.685	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	85387	51.952	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	92710	57.828	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	57736	53.685	ug/l	96
56) Ethyl methacrylate	9.116	69	97572	58.623	ug/l	98
57) 1,3-Dichloropropane	9.305	76	100890	53.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	240911	286.126	ug/l	100
59) 2-Hexanone	9.427	43	383752	280.249	ug/l	100
60) Dibromochloromethane	9.519	129	67592	57.650	ug/l	97
61) 1,2-Dibromoethane	9.604	107	59717	54.852	ug/l	99
64) Tetrachloroethene	9.269	164	43149	44.568	ug/l	97
65) Chlorobenzene	10.073	112	150112	51.229	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	54651	53.721	ug/l	98
67) Ethyl Benzene	10.189	91	258942	49.341	ug/l	99
68) m/p-Xylenes	10.299	106	189565	99.313	ug/l	99
69) o-Xylene	10.640	106	95182	50.620	ug/l	97
70) Styrene	10.653	104	168709	54.362	ug/l	99
71) Bromoform	10.799	173	43602	57.401	ug/l #	96
73) Isopropylbenzene	10.957	105	248367	46.854	ug/l	99
74) N-amyl acetate	10.841	43	135817	53.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	91338	49.050	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80513m	49.877	ug/l	
77) Bromobenzene	11.195	156	59517	48.593	ug/l	97
78) n-propylbenzene	11.299	91	289136	47.354	ug/l	100
79) 2-Chlorotoluene	11.360	91	186070	47.669	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	214243	48.876	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25224	53.033	ug/l	99
82) 4-Chlorotoluene	11.451	91	216767	49.808	ug/l	99
83) tert-Butylbenzene	11.713	119	209176	48.200	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	220858	50.200	ug/l	99
85) sec-Butylbenzene	11.890	105	259172	48.623	ug/l	100
86) p-Isopropyltoluene	12.006	119	216106	49.177	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	108860	48.827	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	110841	49.039	ug/l	98
89) n-Butylbenzene	12.329	91	191975	50.378	ug/l	100
90) Hexachloroethane	12.536	117	38783	51.353	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	111786	50.431	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22270	57.185	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	67177	54.446	ug/l	96
94) Hexachlorobutadiene	13.725	225	25870	48.658	ug/l	98
95) Naphthalene	13.774	128	249200	54.274	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67128	51.958	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045797.D
Acq On : 16 Apr 2025 09:28
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 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:34:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

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

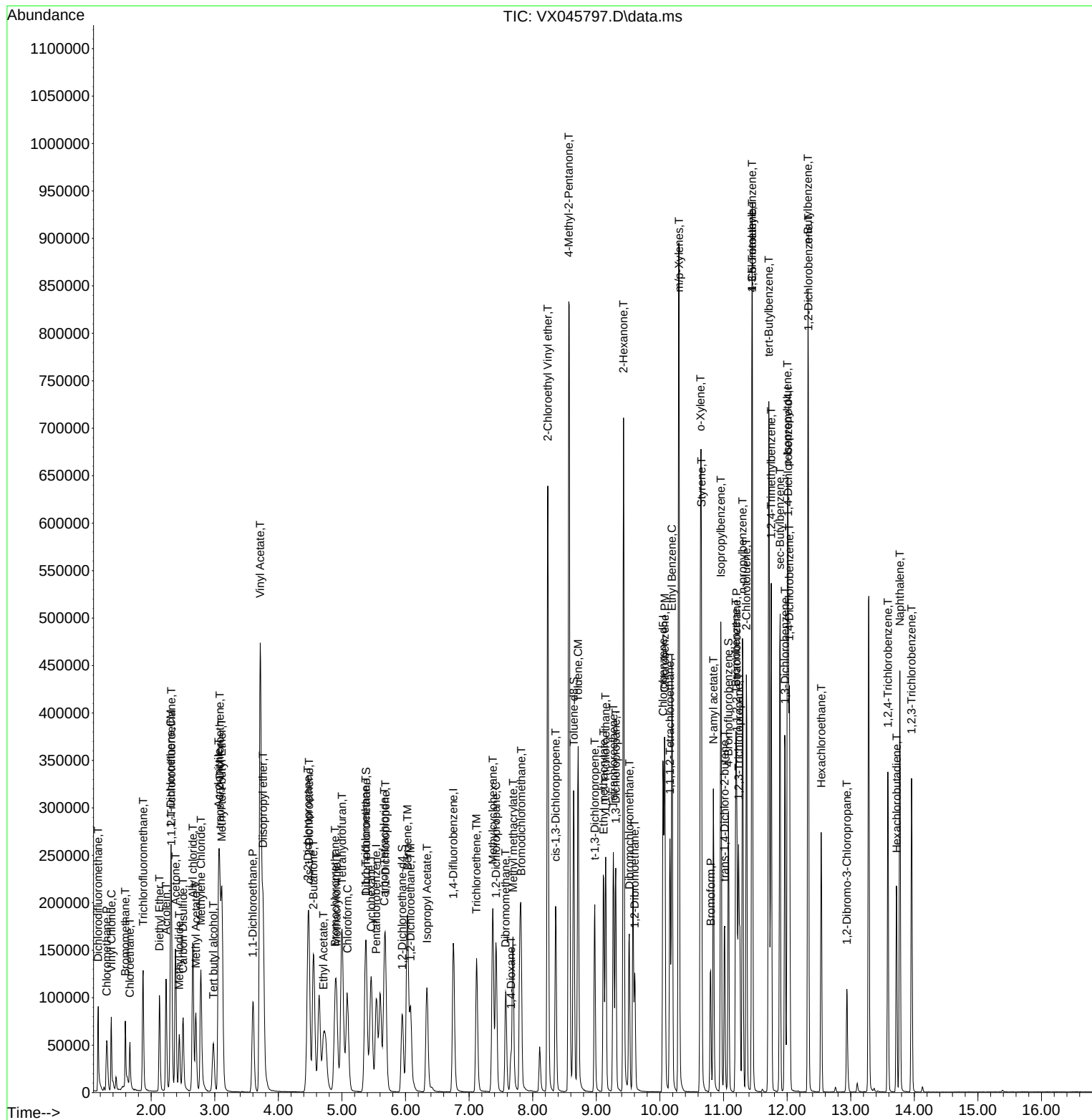
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045797.D
Acq On : 16 Apr 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

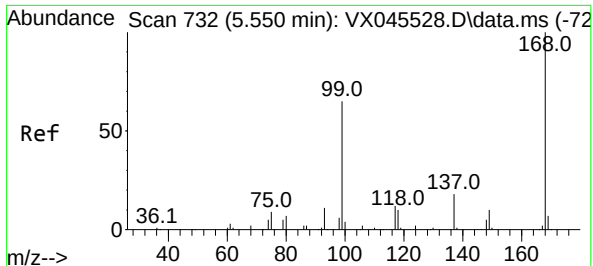
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:34:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration





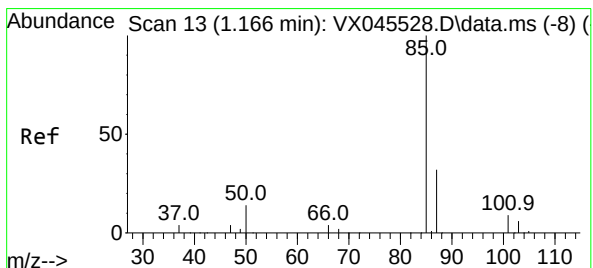
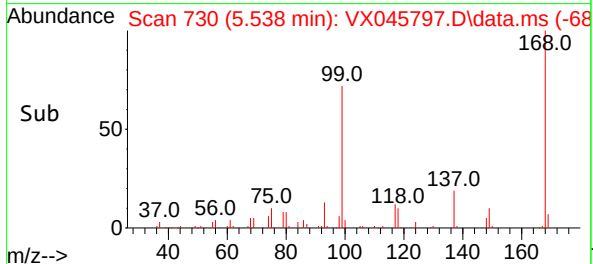
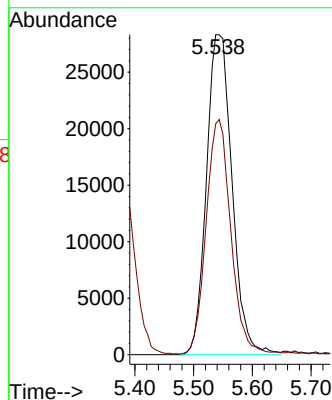
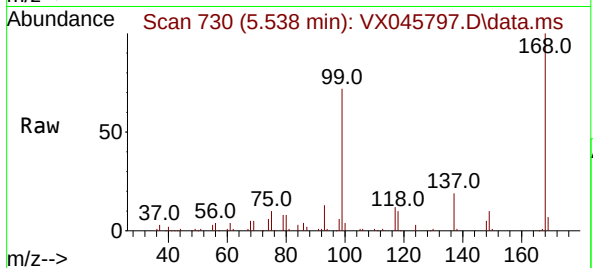
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 85794
Ion Ratio Lower Upper
168 100
99 72.0 52.3 78.5

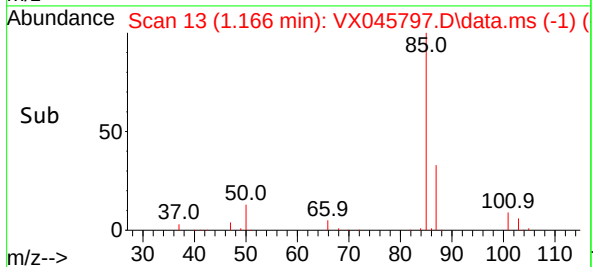
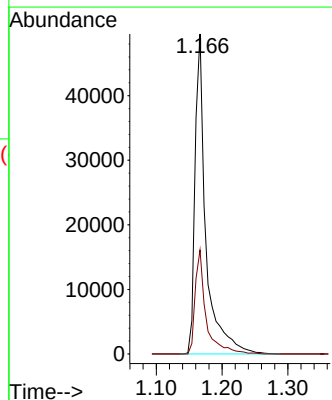
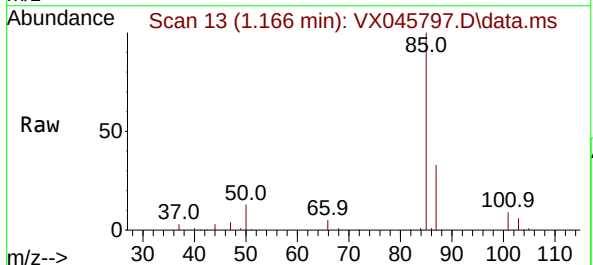
Manual Integrations
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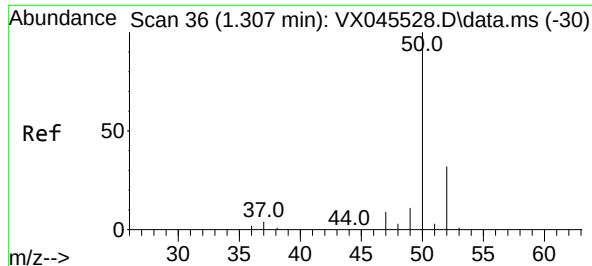
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#2
Dichlorodifluoromethane
Concen: 44.319 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Tgt Ion: 85 Resp: 56864
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2





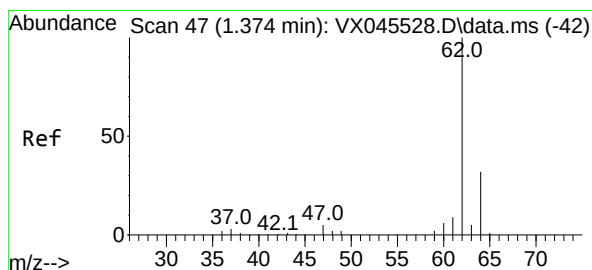
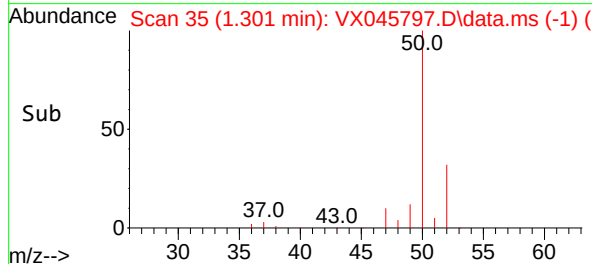
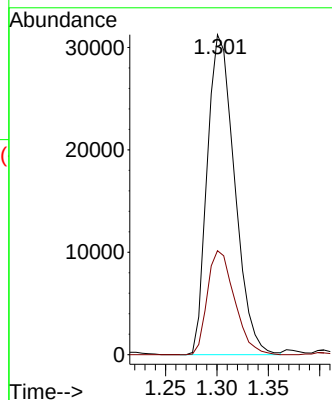
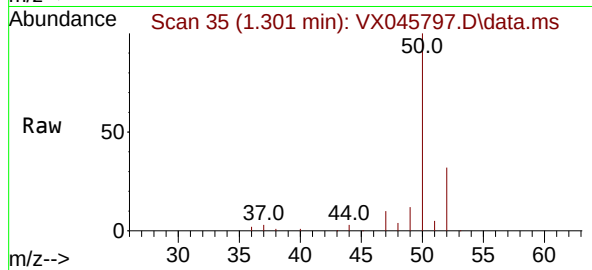
#3
Chloromethane
Concen: 44.053 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 5806
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9

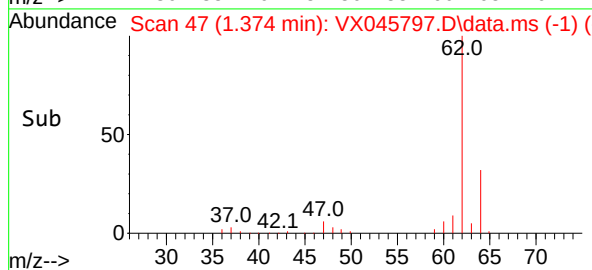
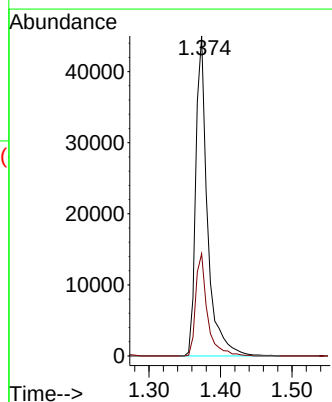
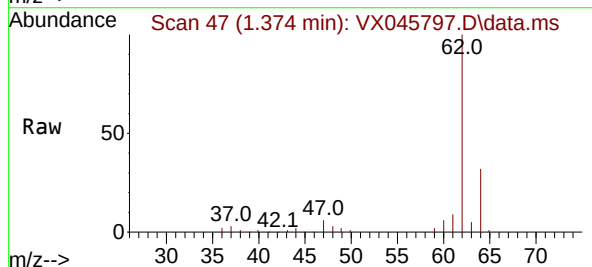
Manual Integrations
APPROVED

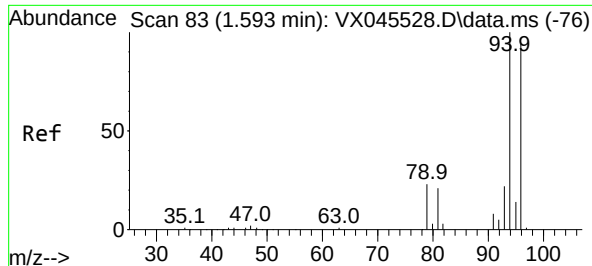
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#4
Vinyl Chloride
Concen: 42.313 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

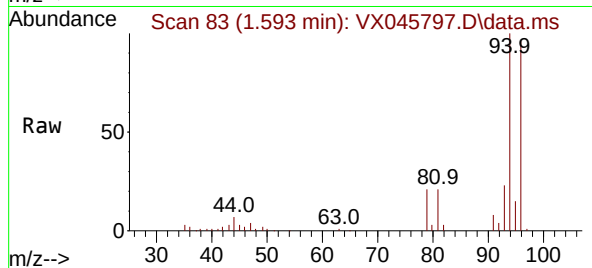
Tgt Ion: 62 Resp: 51042
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3





#5
Bromomethane
Concen: 43.887 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

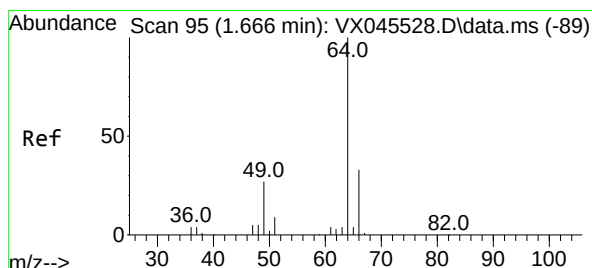
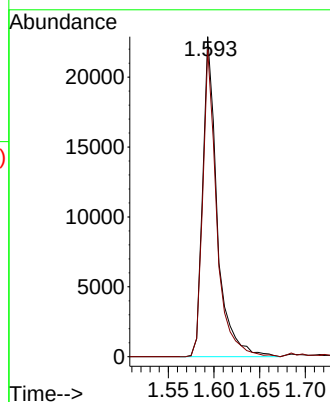
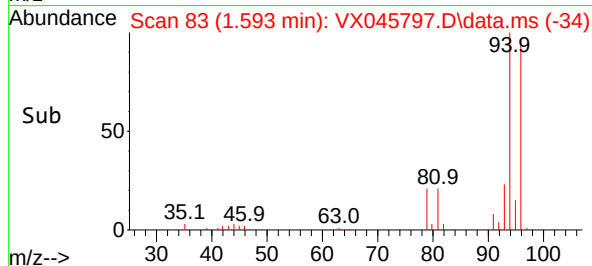
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 25102
Ion Ratio Lower Upper
94 100
96 95.9 74.8 112.2

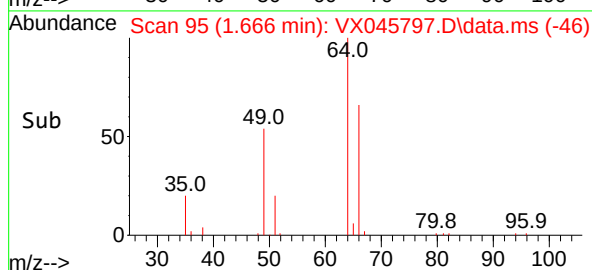
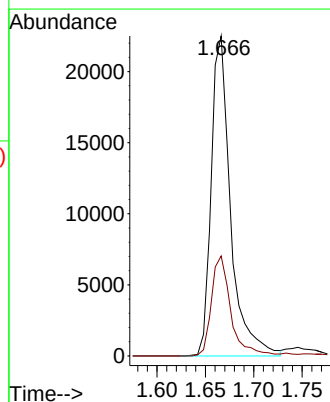
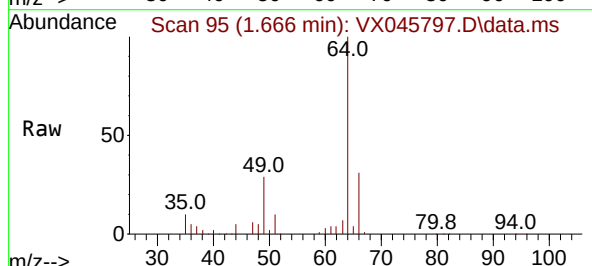
Manual Integrations
APPROVED

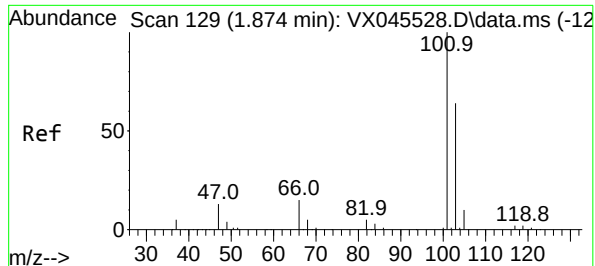
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#6
Chloroethane
Concen: 49.017 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

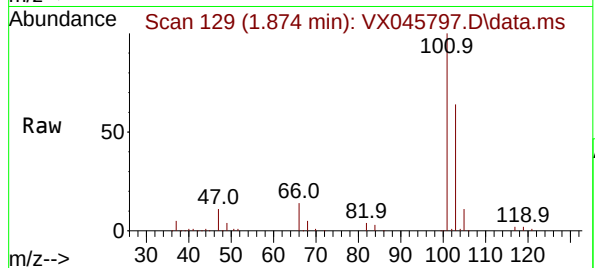
Tgt Ion: 64 Resp: 31371
Ion Ratio Lower Upper
64 100
66 31.2 26.3 39.5





#7
Trichlorofluoromethane
Concen: 44.814 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

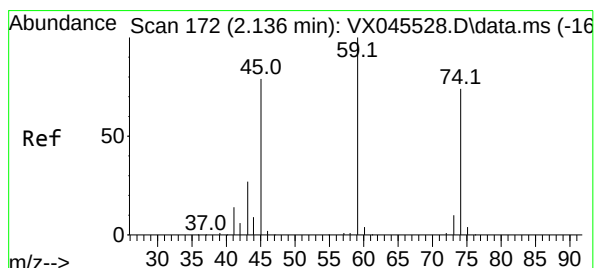
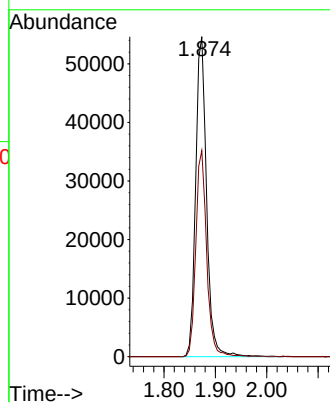
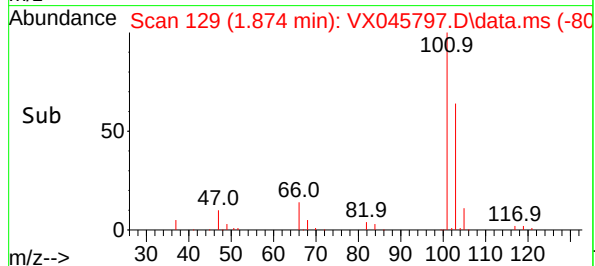
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 8061
Ion Ratio Lower Upper
101 100
103 64.4 51.1 76.7

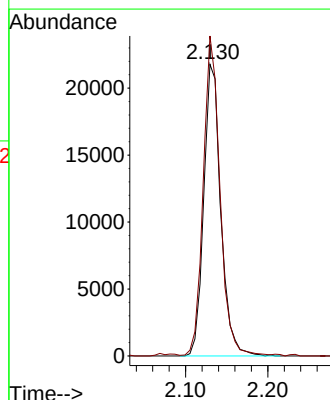
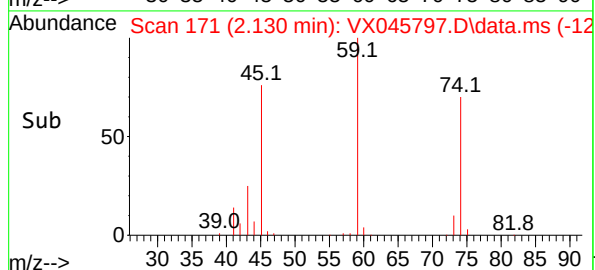
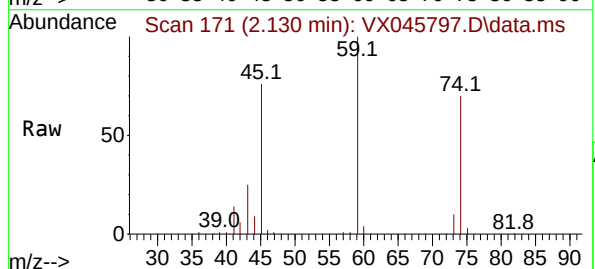
Manual Integrations
APPROVED

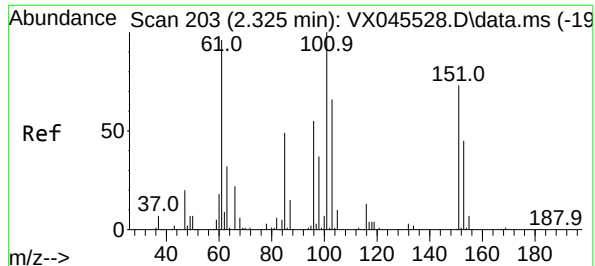
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#8
Diethyl Ether
Concen: 51.853 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Tgt Ion: 74 Resp: 31315
Ion Ratio Lower Upper
74 100
45 108.5 53.0 159.1





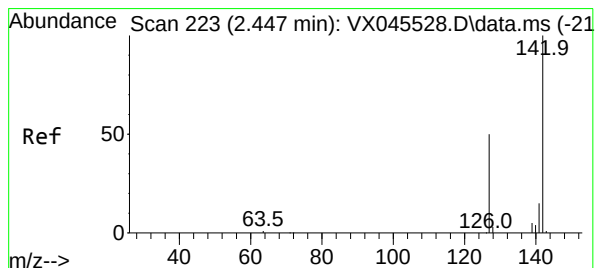
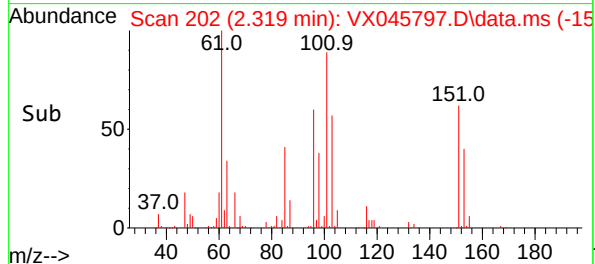
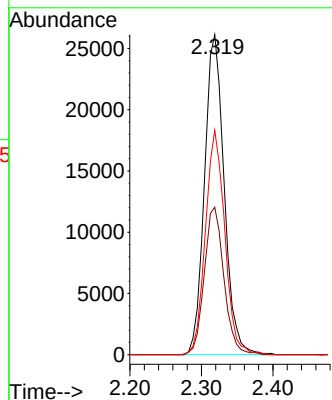
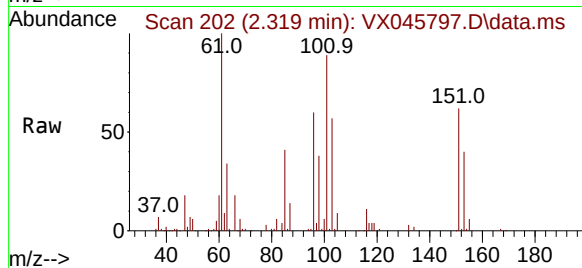
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.363 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 4992
Ion Ratio Lower Upper
101 100
85 46.0 38.9 58.3
151 69.3 57.5 86.3

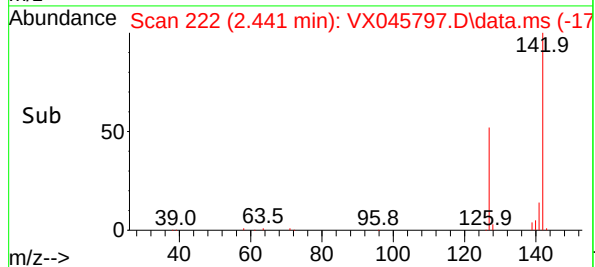
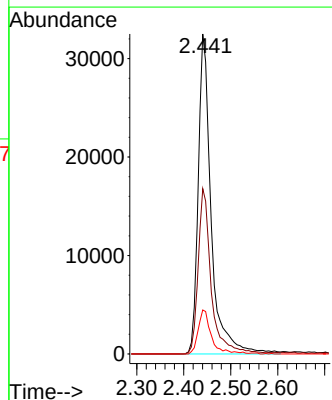
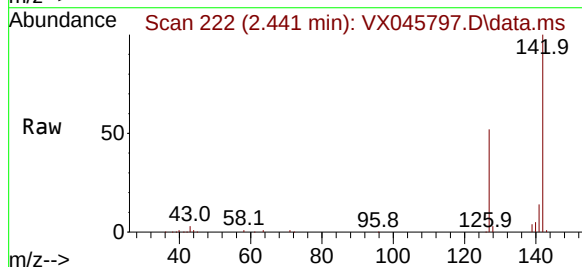
Manual Integrations
APPROVED

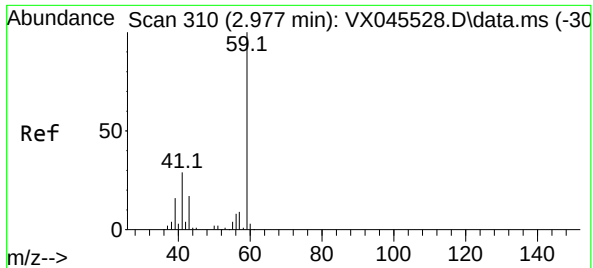
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#10
Methyl Iodide
Concen: 47.668 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Tgt Ion:142 Resp: 62671
Ion Ratio Lower Upper
142 100
127 52.0 40.2 60.4
141 13.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 277.917 ug/l

RT: 2.977 min Scan# 310

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 58600

Ion Ratio Lower Upper

59 100

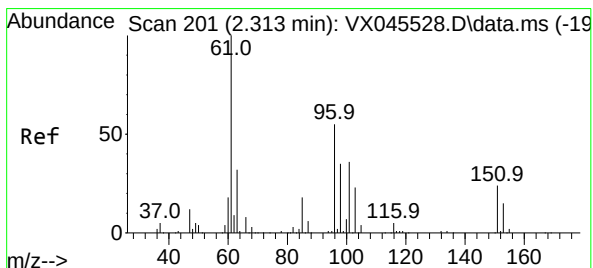
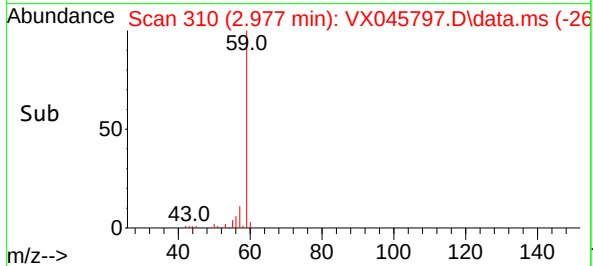
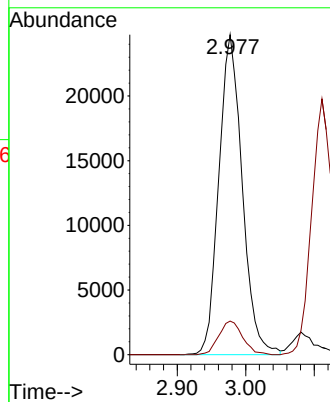
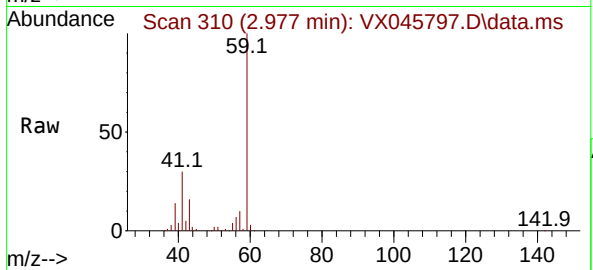
57 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#12

1,1-Dichloroethene

Concen: 44.578 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

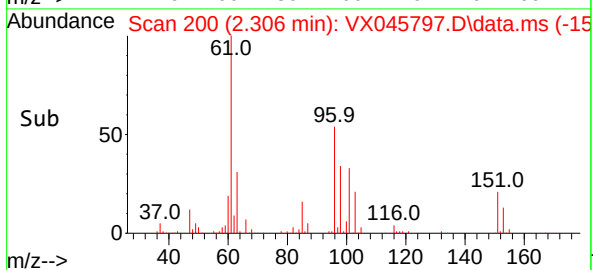
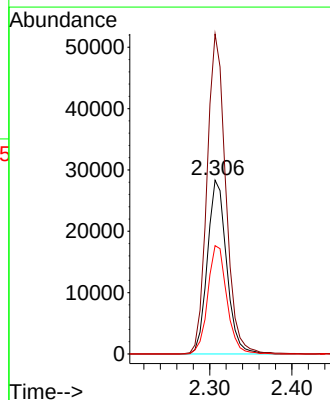
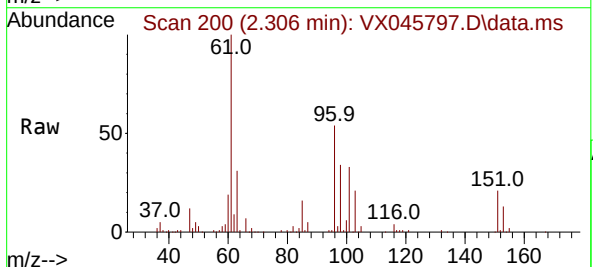
Tgt Ion: 96 Resp: 45913

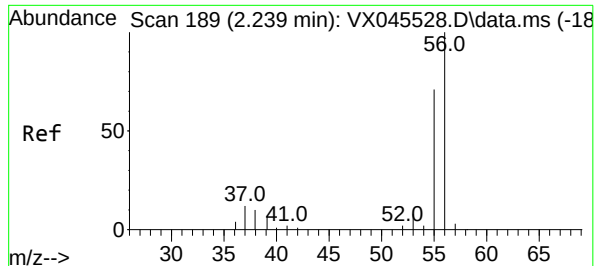
Ion Ratio Lower Upper

96 100

61 184.1 145.7 218.5

98 62.3 51.6 77.4





#13

Acrolein

Concen: 280.165 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 81349

Ion Ratio Lower Upper

56 100

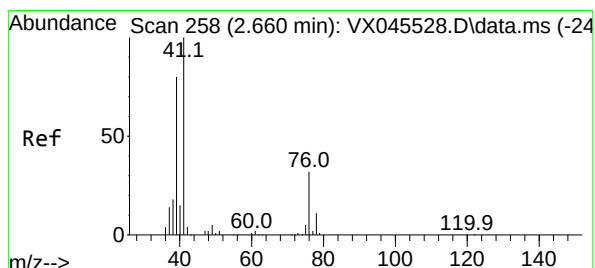
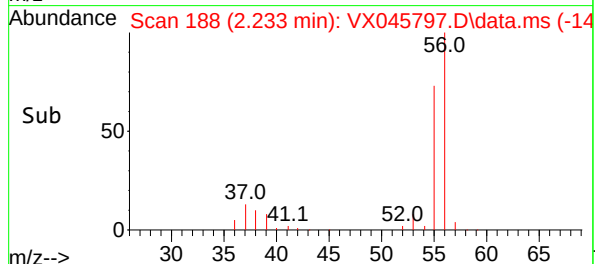
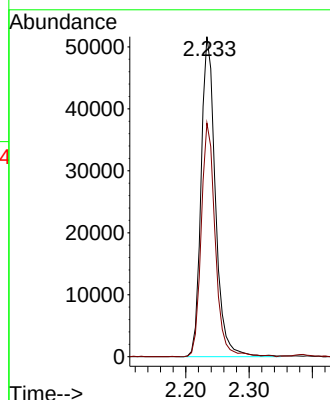
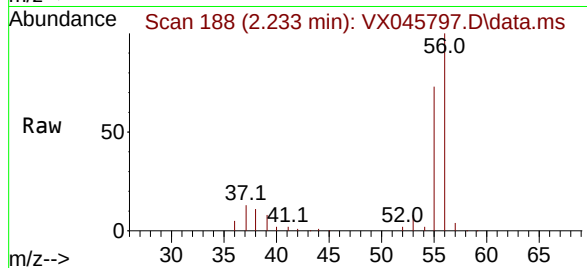
55 71.6 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#14

Allyl chloride

Concen: 51.077 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

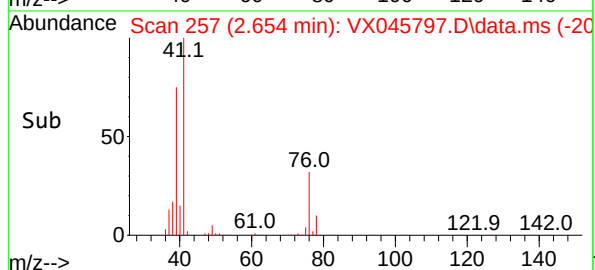
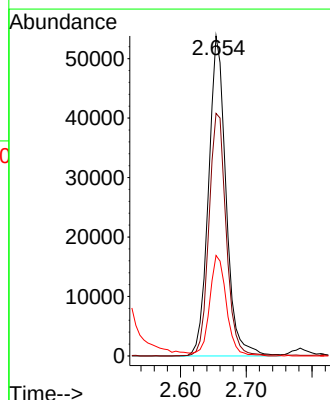
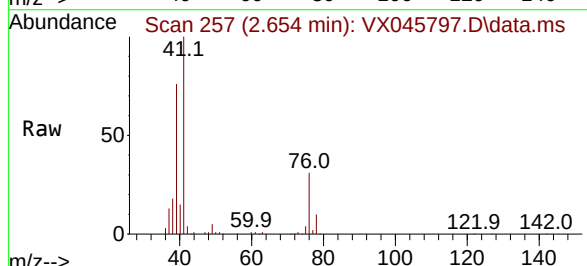
Tgt Ion: 41 Resp: 99816

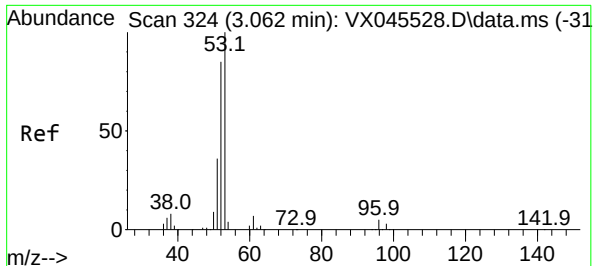
Ion Ratio Lower Upper

41 100

39 74.6 60.2 90.2

76 30.1 24.6 36.8





#15

Acrylonitrile

Concen: 268.722 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 17885

Ion Ratio Lower Upper

53 100

52 83.3 67.4 101.2

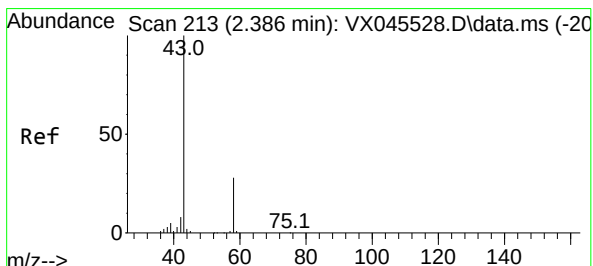
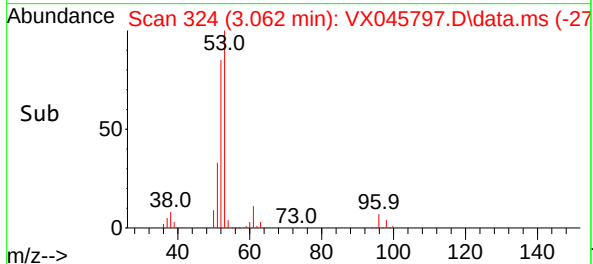
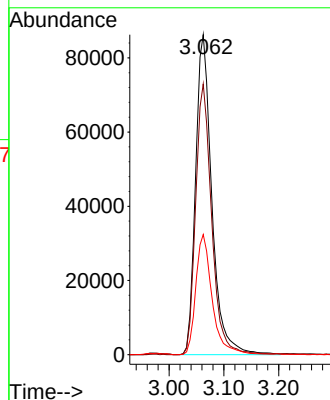
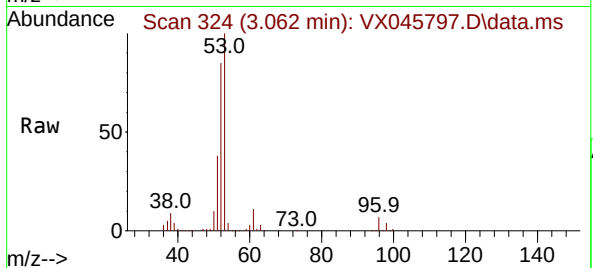
51 37.9 29.9 44.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#16

Acetone

Concen: 261.060 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045797.D

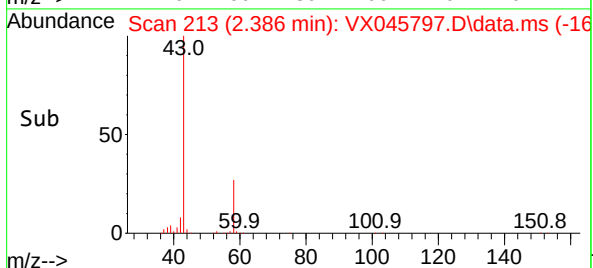
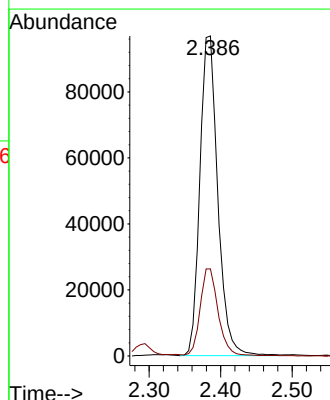
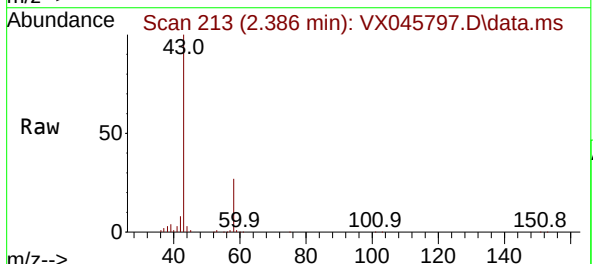
Acq: 16 Apr 2025 09:28

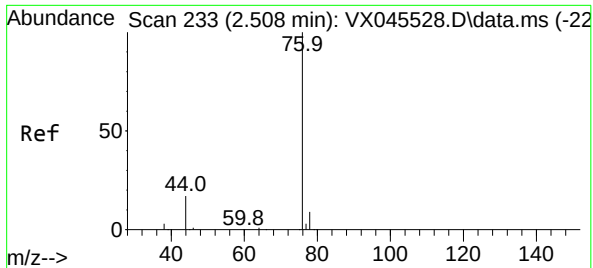
Tgt Ion: 43 Resp: 168189

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5





#17

Carbon Disulfide

Concen: 38.913 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9898

Ion Ratio Lower Upper

76 100

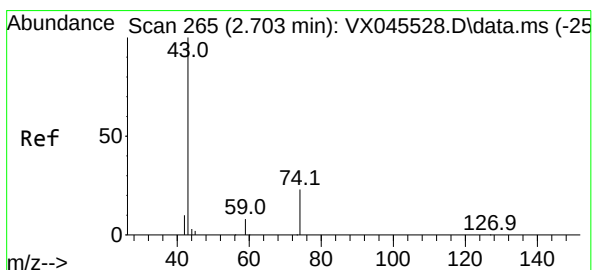
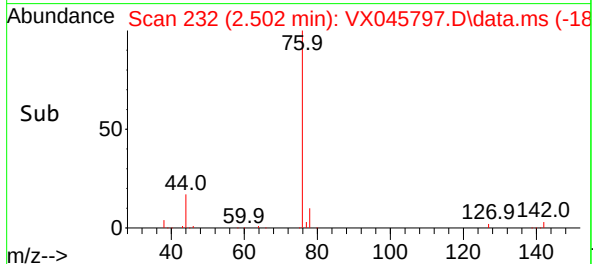
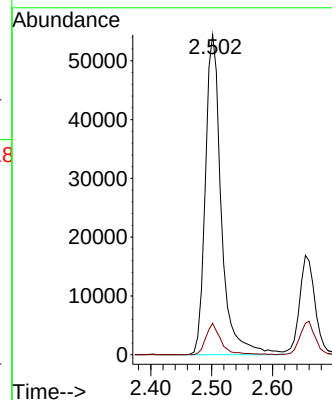
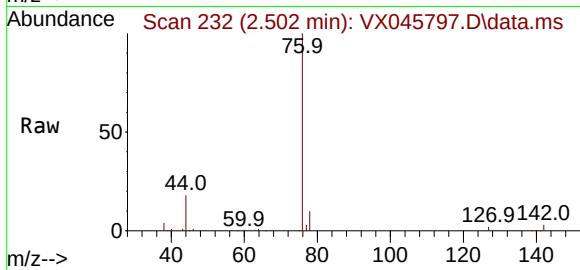
78 9.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#18

Methyl Acetate

Concen: 62.394 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045797.D

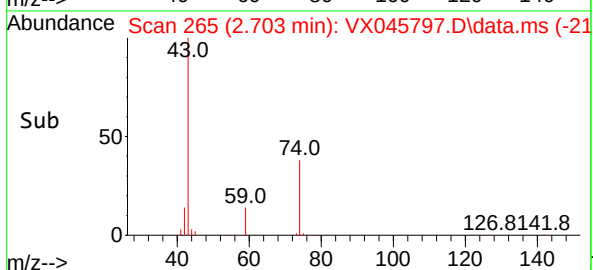
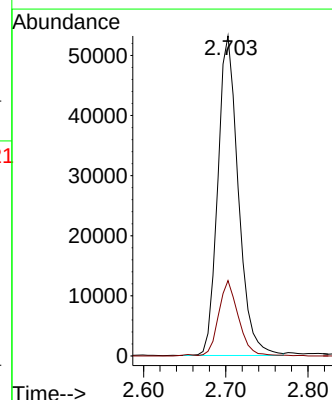
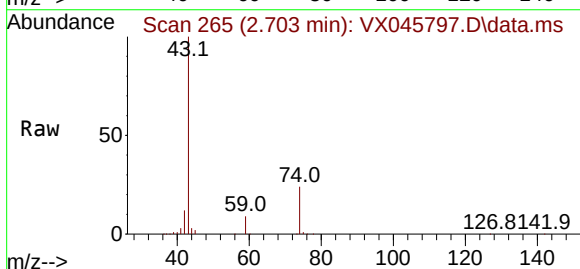
Acq: 16 Apr 2025 09:28

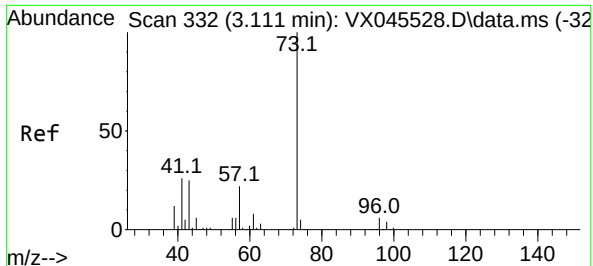
Tgt Ion: 43 Resp: 92549

Ion Ratio Lower Upper

43 100

74 22.8 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 55.945 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 20156

Ion Ratio Lower Upper

73 100

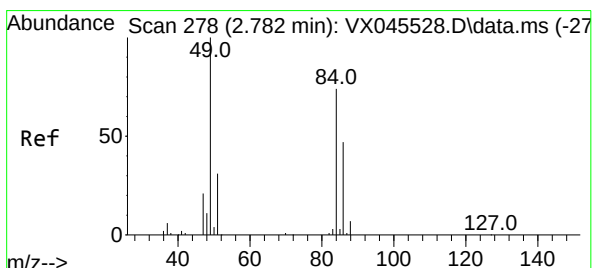
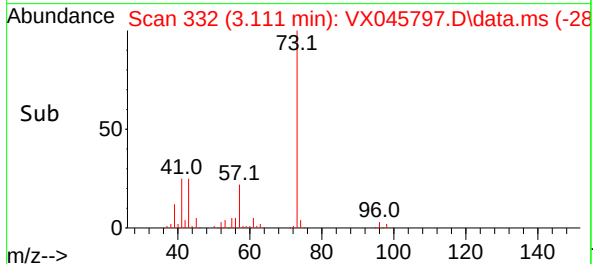
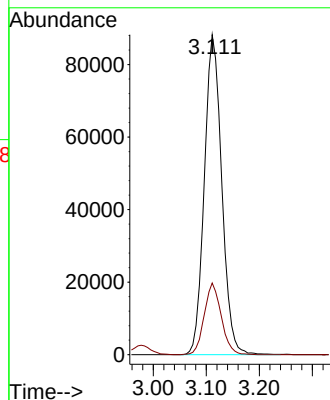
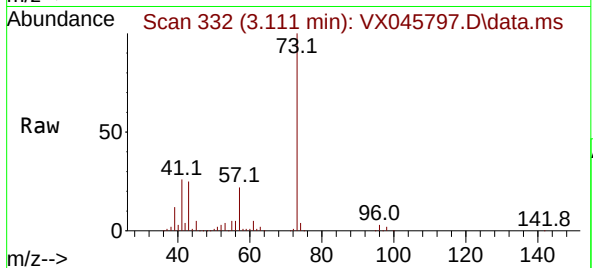
57 22.4 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#20

Methylene Chloride

Concen: 49.754 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Tgt Ion: 84 Resp: 60009

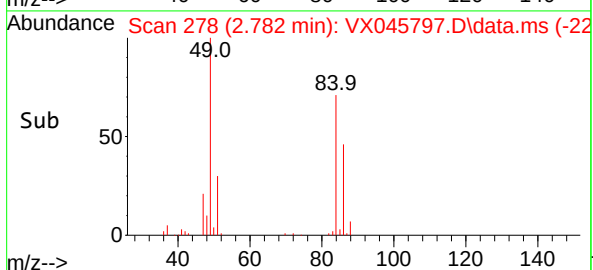
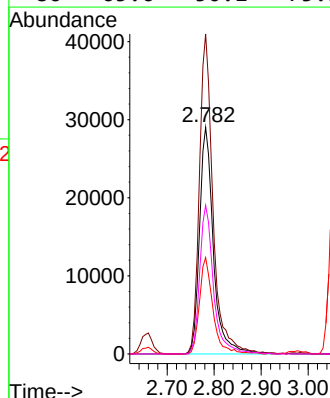
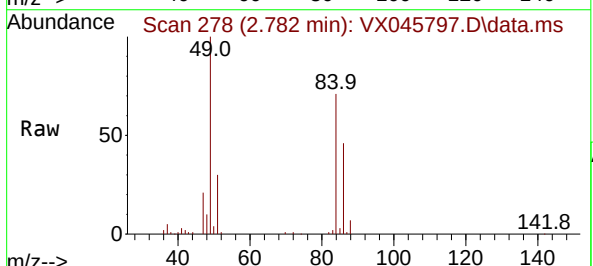
Ion Ratio Lower Upper

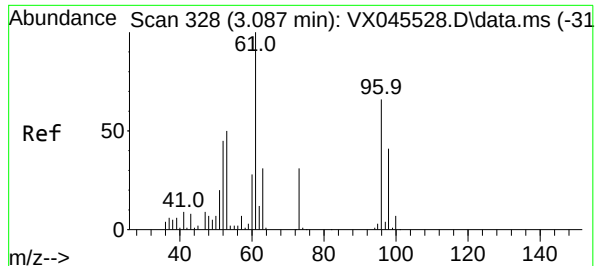
84 100

49 141.1 107.5 161.3

51 42.5 33.0 49.6

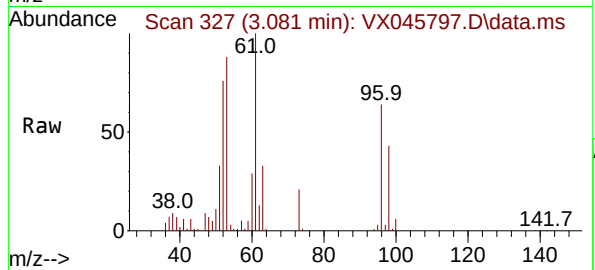
86 65.6 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 45.167 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

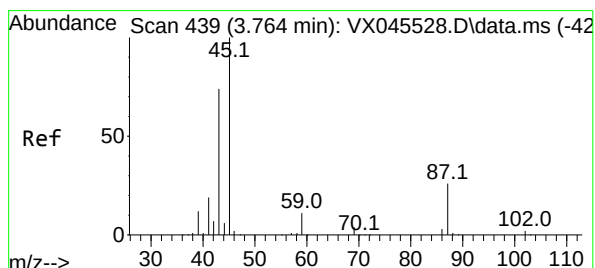
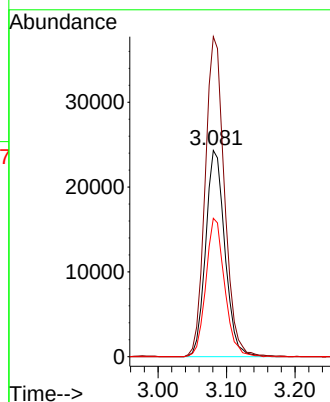
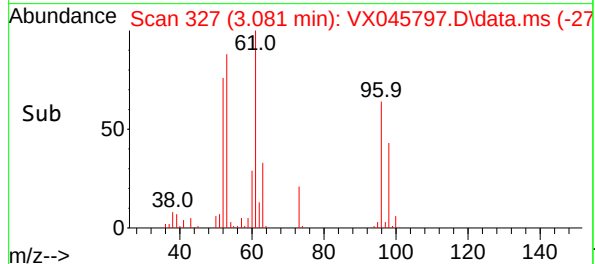
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 47520
Ion Ratio Lower Upper
96 100
61 155.1 121.0 181.6
98 67.1 49.7 74.5

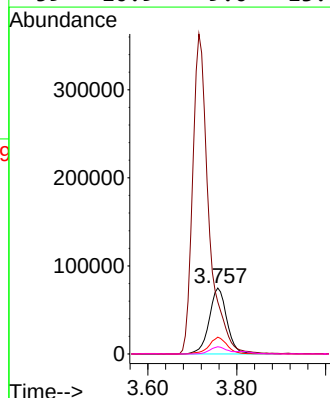
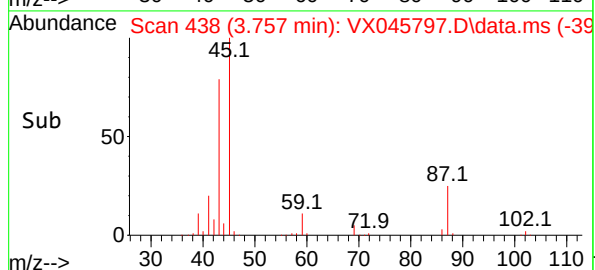
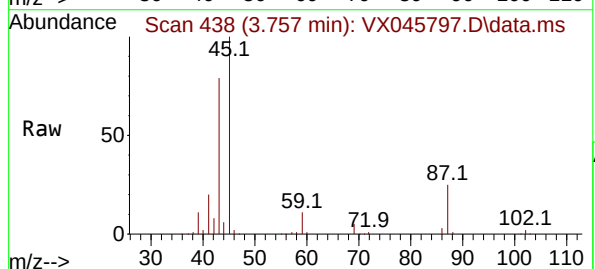
Manual Integrations
APPROVED

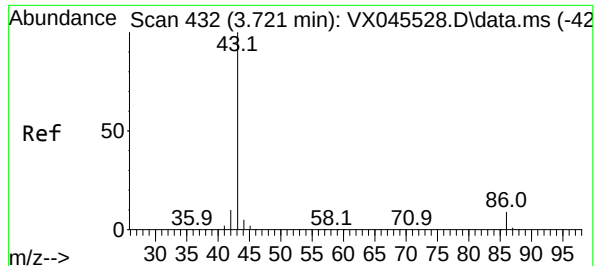
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#22
Diisopropyl ether
Concen: 53.999 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Tgt Ion: 45 Resp: 207871
Ion Ratio Lower Upper
45 100
43 78.1 59.3 88.9
87 25.4 20.4 30.6
59 10.9 9.0 13.6





#23

Vinyl Acetate

Concen: 275.132 ug/l

RT: 3.715 min Scan# 411

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 915079

Ion Ratio Lower Upper

43 100

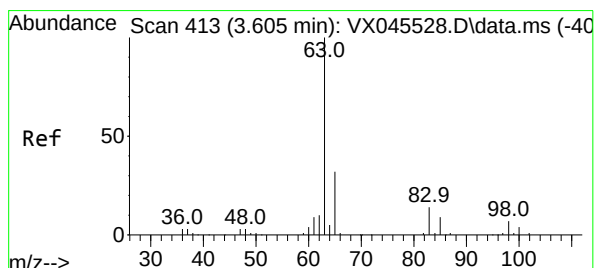
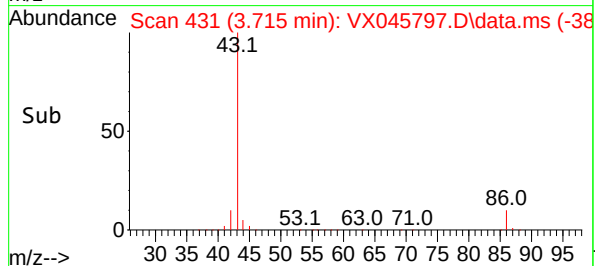
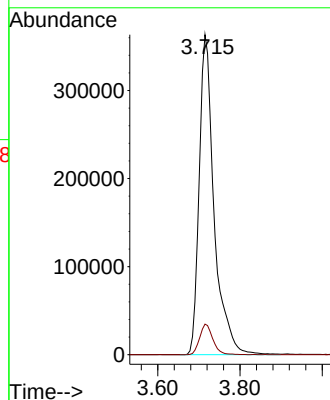
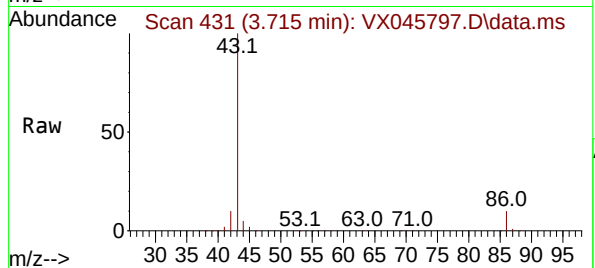
86 9.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#24

1,1-Dichloroethane

Concen: 49.684 ug/l

RT: 3.599 min Scan# 412

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

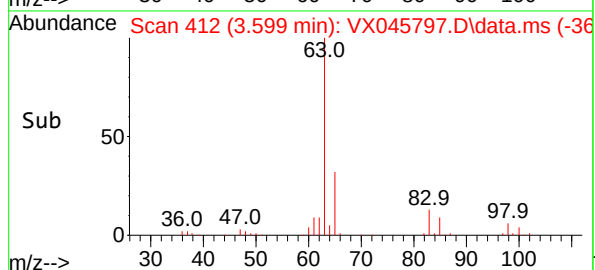
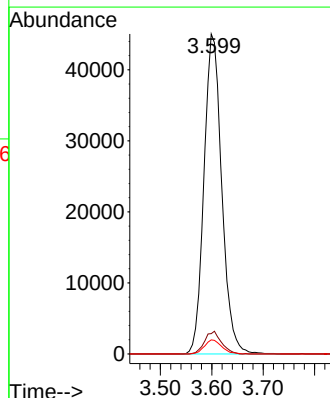
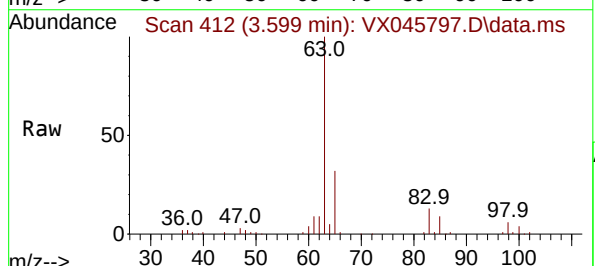
Tgt Ion: 63 Resp: 108165

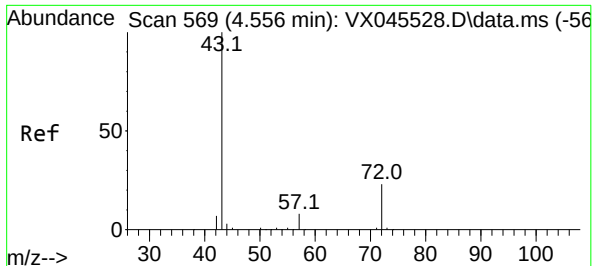
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 274.348 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 258720

Ion Ratio Lower Upper

43 100

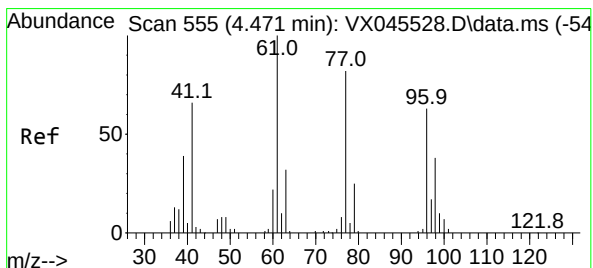
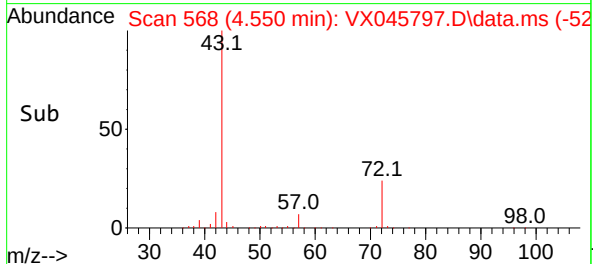
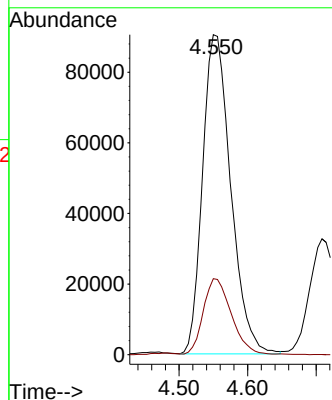
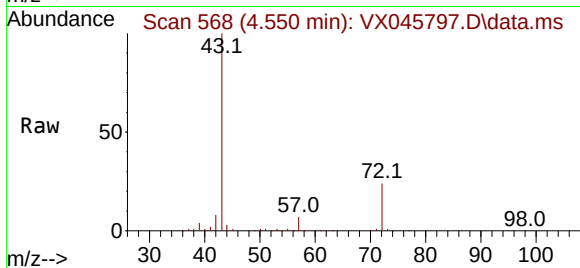
72 23.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#26

2,2-Dichloropropane

Concen: 58.298 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX045797.D

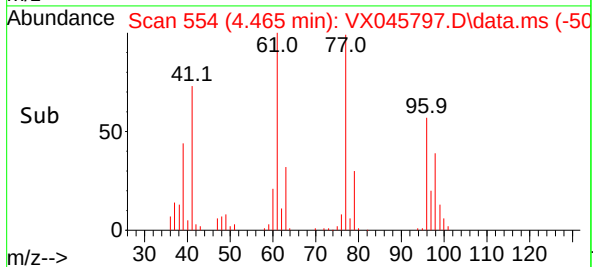
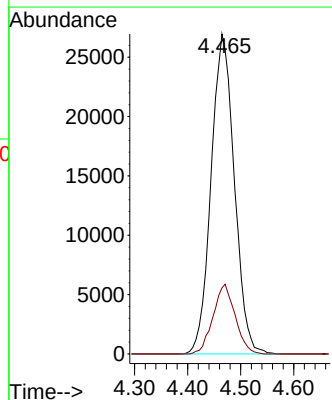
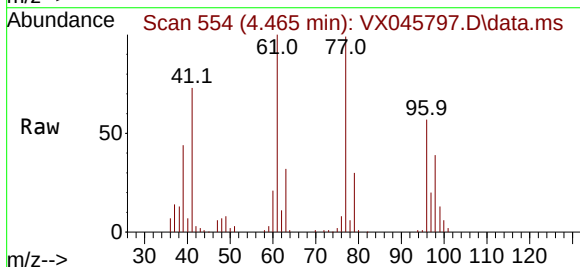
Acq: 16 Apr 2025 09:28

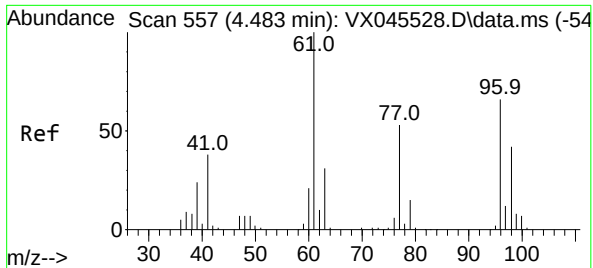
Tgt Ion: 77 Resp: 82001

Ion Ratio Lower Upper

77 100

97 20.8 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 49.799 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 63840

Ion Ratio Lower Upper

96 100

61 159.4 0.0 313.2

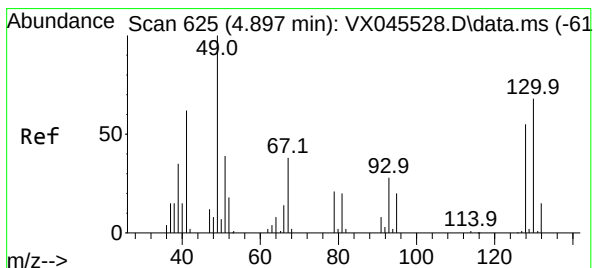
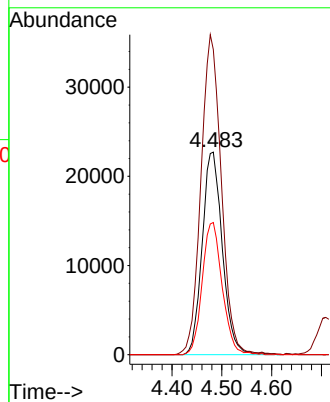
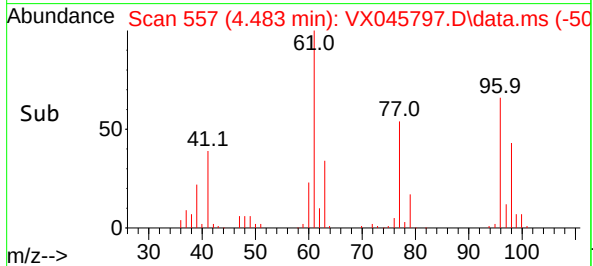
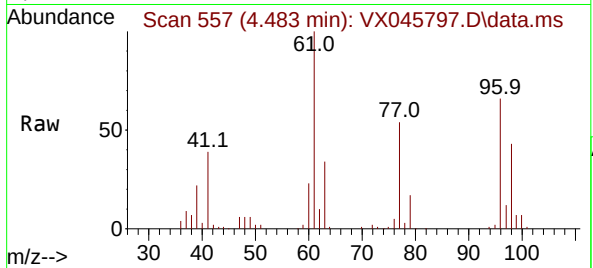
98 64.6 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#28

Bromochloromethane

Concen: 49.430 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

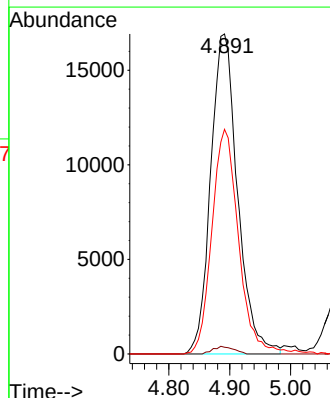
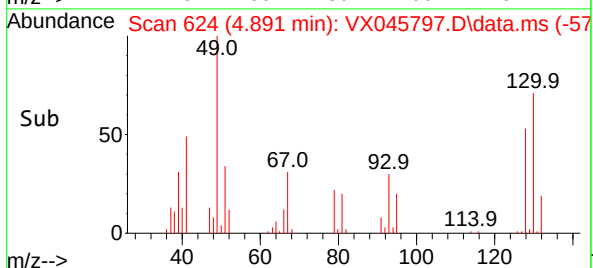
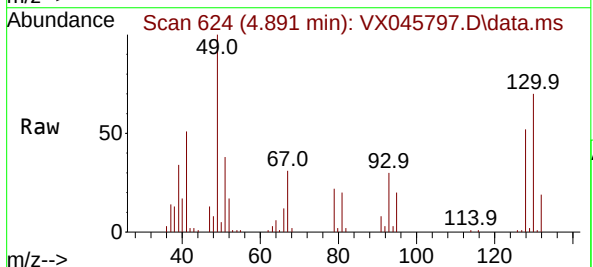
Tgt Ion: 49 Resp: 52003

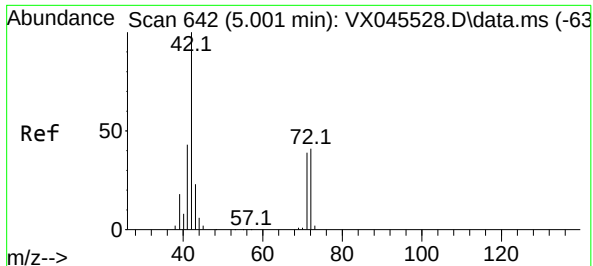
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 69.3 54.6 81.8





#29

Tetrahydrofuran

Concen: 265.314 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16221

Ion Ratio Lower Upper

42 100

72 41.8 33.4 50.0

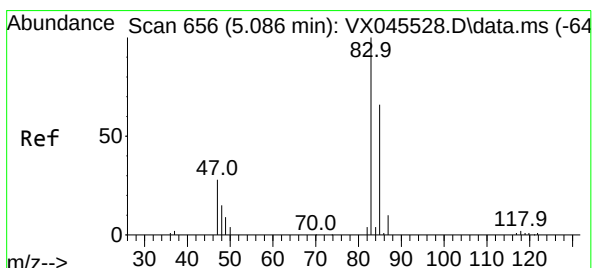
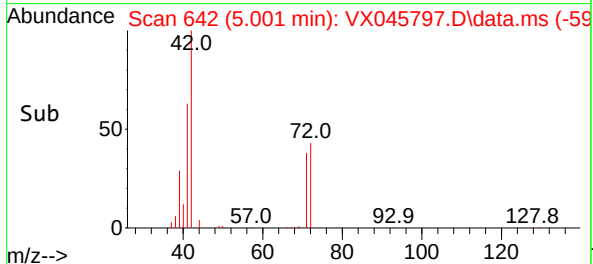
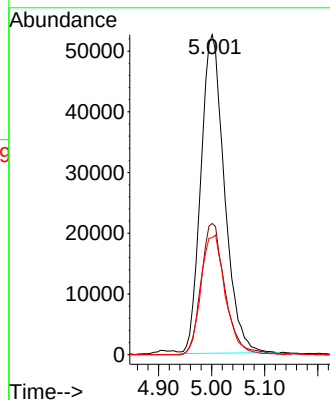
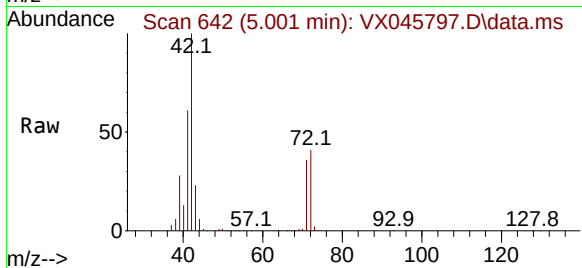
71 38.8 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#30

Chloroform

Concen: 50.879 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045797.D

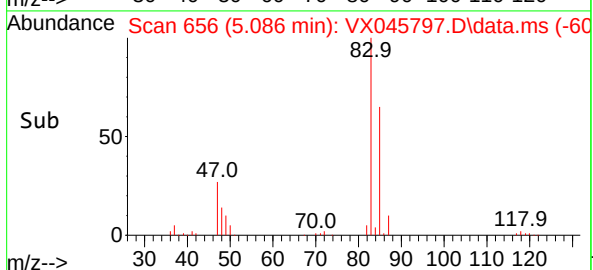
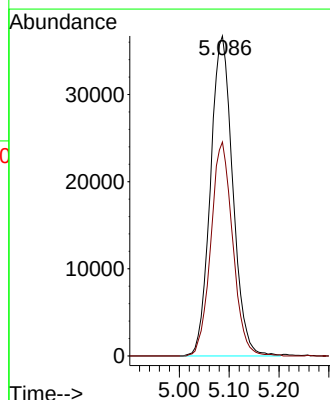
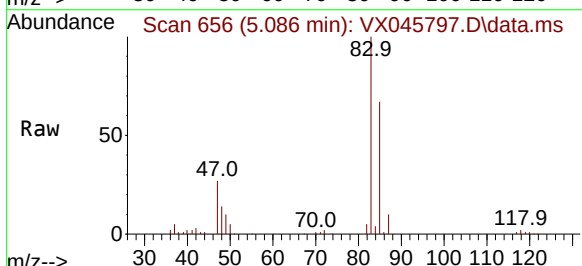
Acq: 16 Apr 2025 09:28

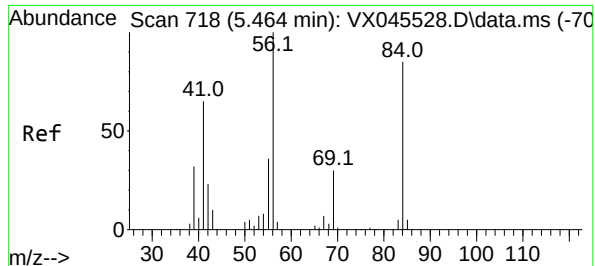
Tgt Ion: 83 Resp: 113975

Ion Ratio Lower Upper

83 100

85 66.8 52.8 79.2





#31

Cyclohexane

Concen: 42.695 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 8217

Ion Ratio Lower Upper

56 100

69 31.3 23.6 35.4

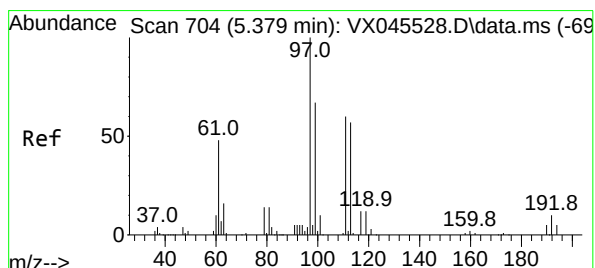
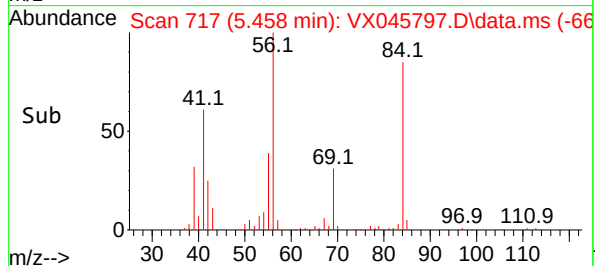
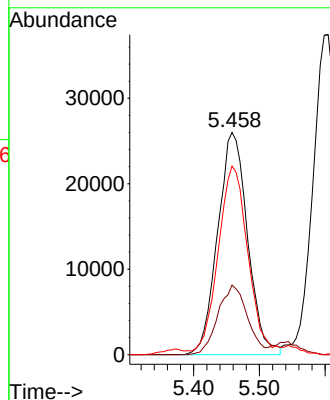
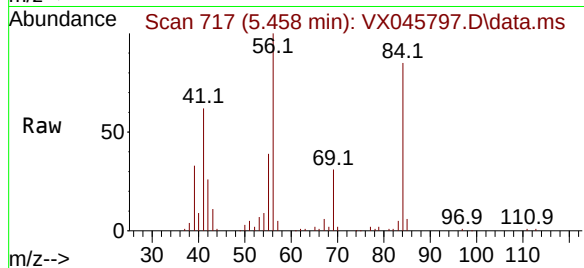
84 82.7 67.7 101.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#32

1,1,1-Trichloroethane

Concen: 49.439 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

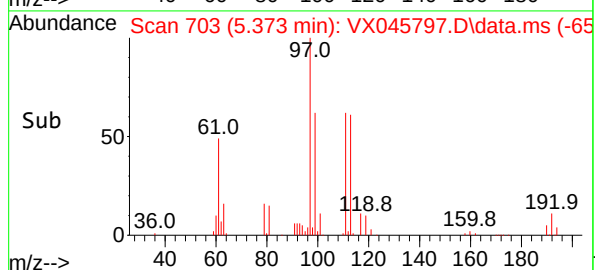
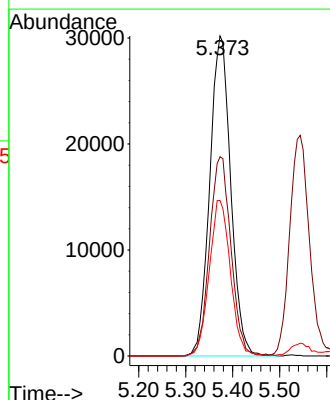
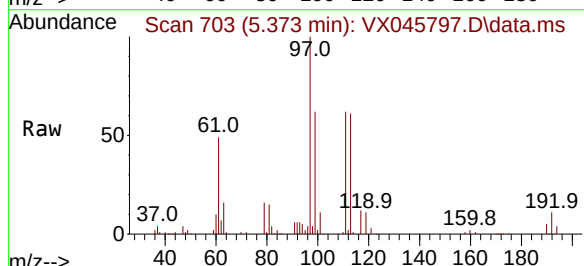
Tgt Ion: 97 Resp: 93712

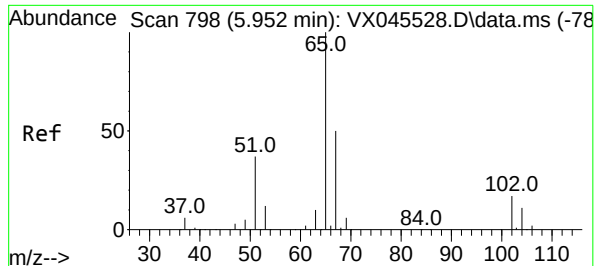
Ion Ratio Lower Upper

97 100

99 63.5 51.7 77.5

61 49.0 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 54.341 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 85258

Ion Ratio Lower Upper

65 100

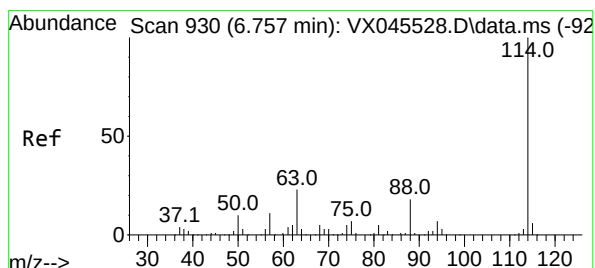
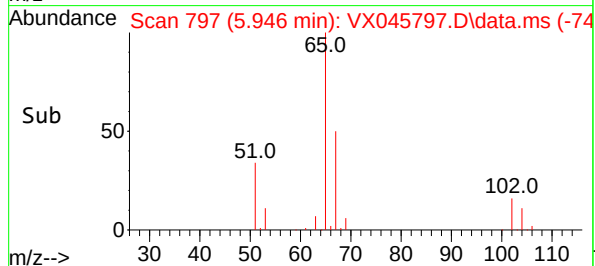
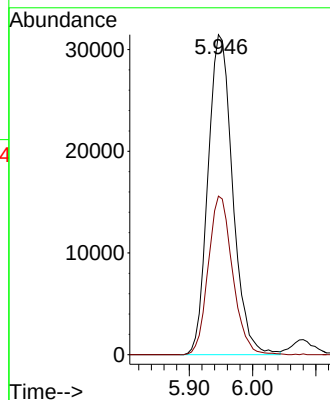
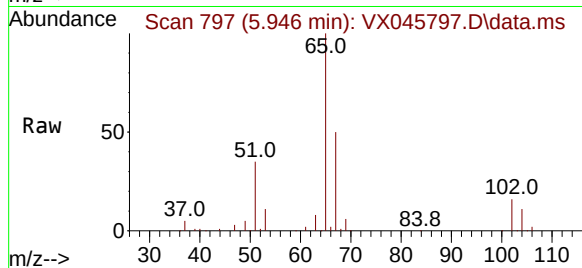
67 48.8 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

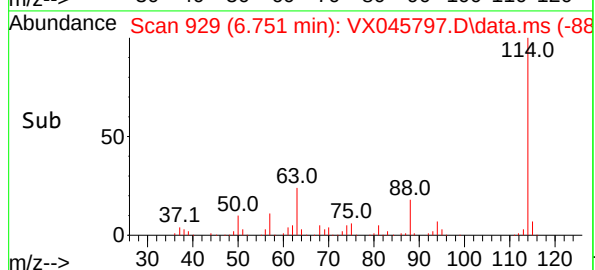
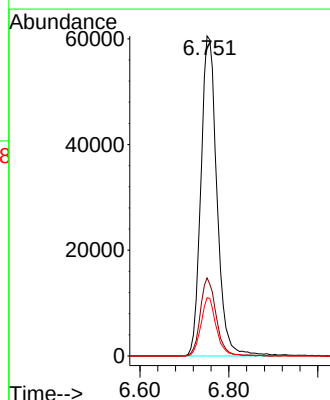
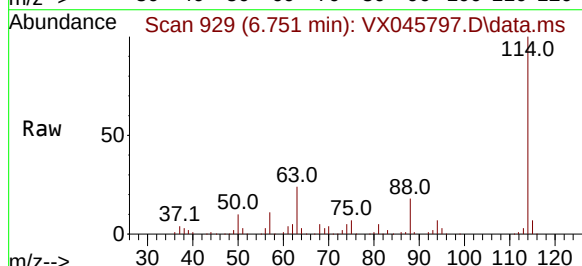
Tgt Ion:114 Resp: 152447

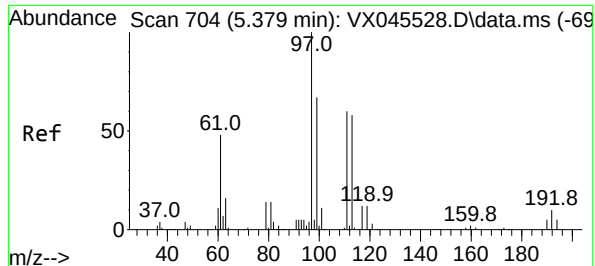
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 18.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.250 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

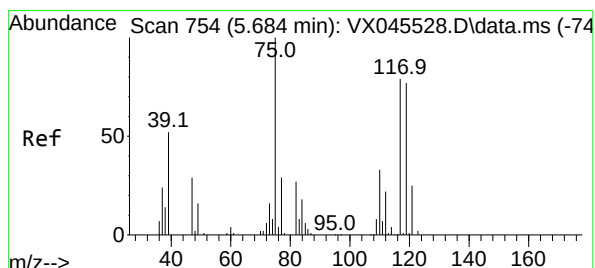
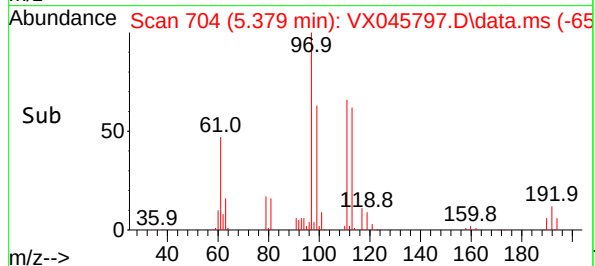
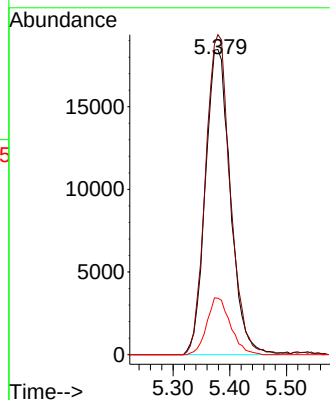
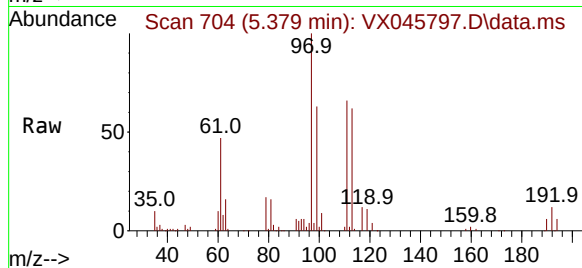
Tgt Ion:	113	Resp:	56514
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.8	122.6
192	17.6	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#36

1,1-Dichloropropene

Concen: 45.553 ug/l

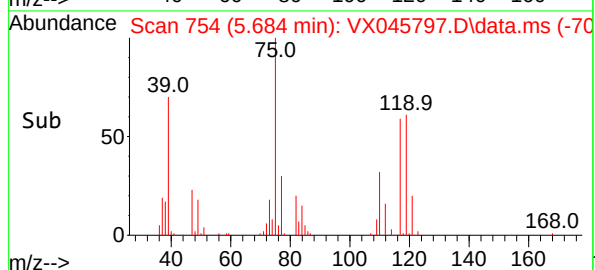
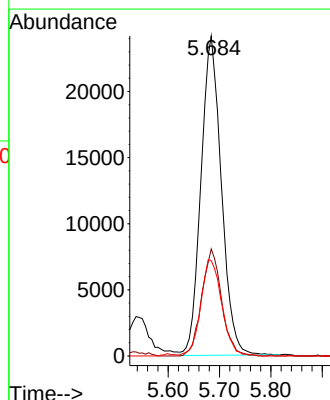
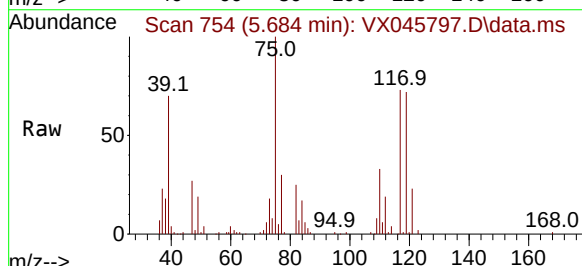
RT: 5.684 min Scan# 754

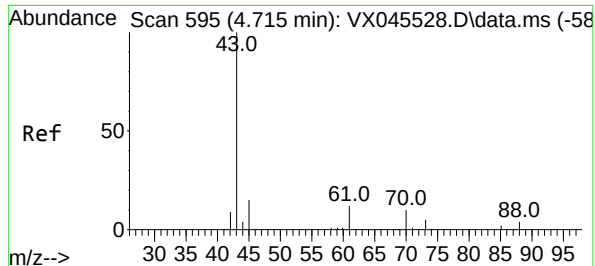
Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Tgt Ion:	75	Resp:	66526
Ion Ratio	Lower	Upper	
75	100		
110	32.7	16.9	50.6
77	31.2	25.0	37.4





#37

Ethyl Acetate

Concen: 51.727 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 95198

Ion Ratio Lower Upper

43 100

61 12.0 9.9 14.9

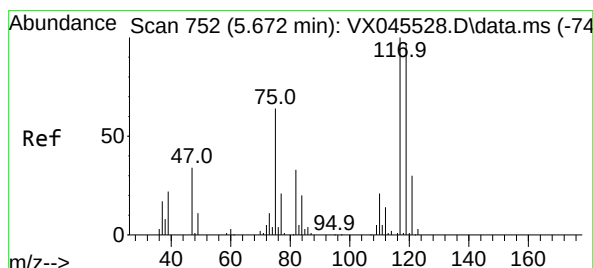
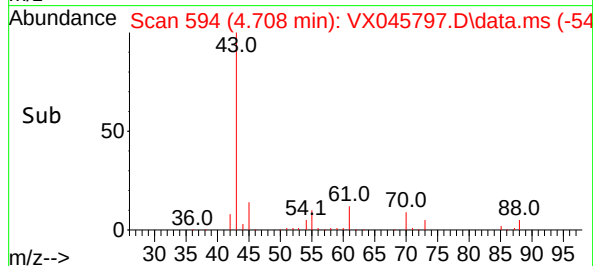
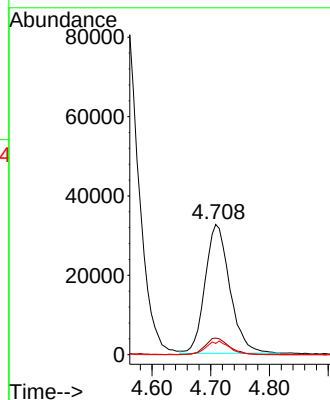
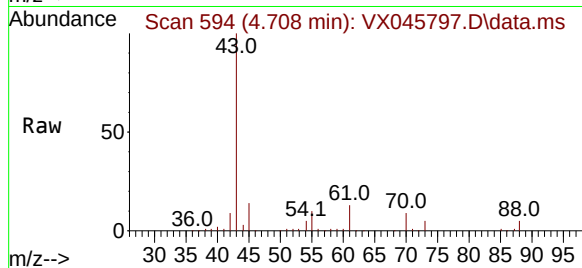
70 10.0 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#38

Carbon Tetrachloride

Concen: 48.596 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

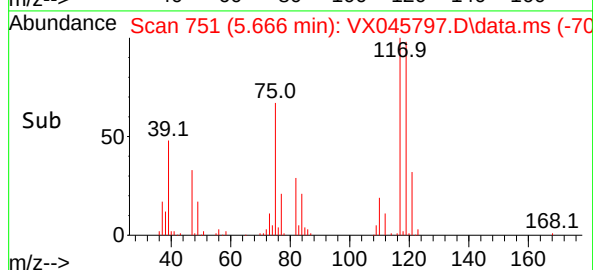
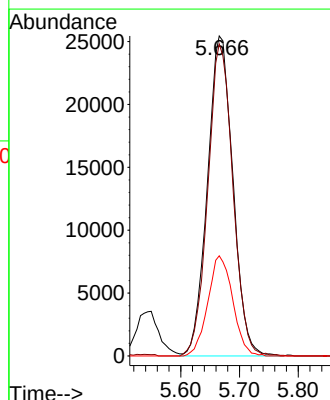
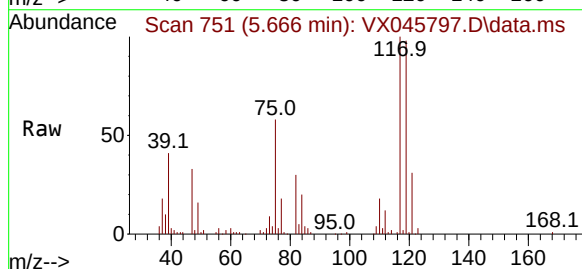
Tgt Ion:117 Resp: 76701

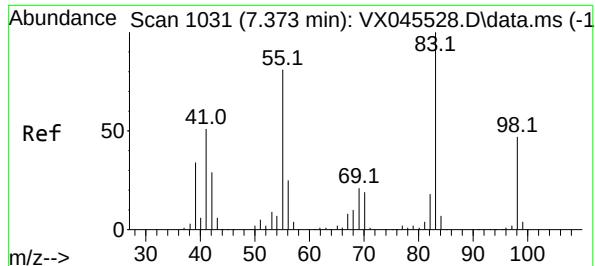
Ion Ratio Lower Upper

117 100

119 97.5 76.9 115.3

121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 45.154 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 8083

Ion Ratio Lower Upper

83 100

55 83.9 64.9 97.3

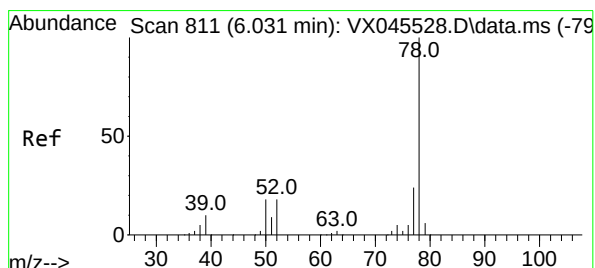
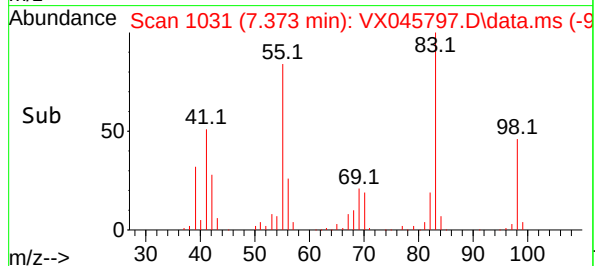
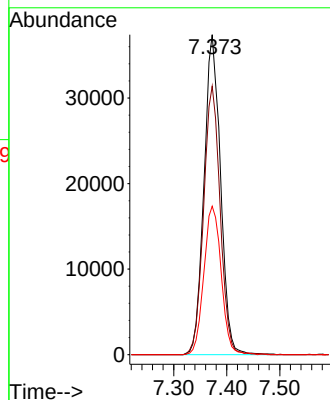
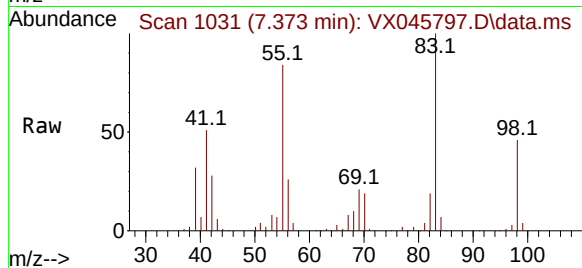
98 46.4 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#40

Benzene

Concen: 48.340 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045797.D

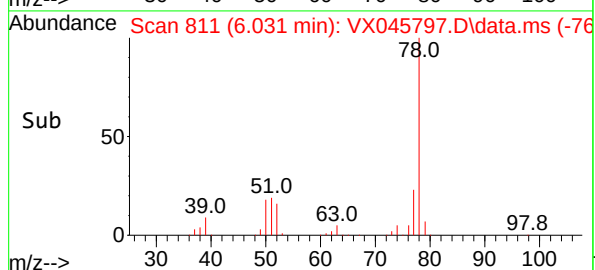
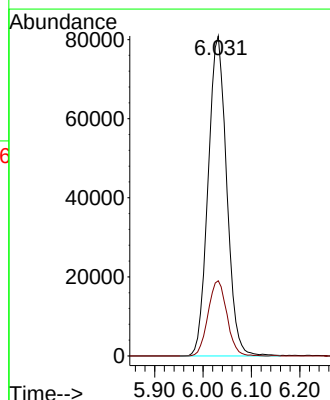
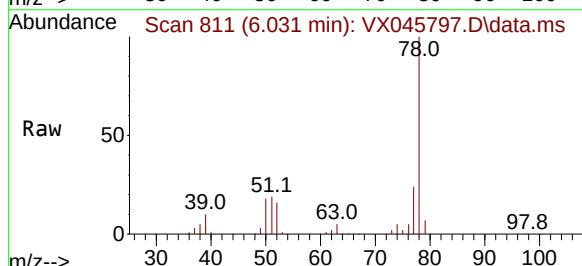
Acq: 16 Apr 2025 09:28

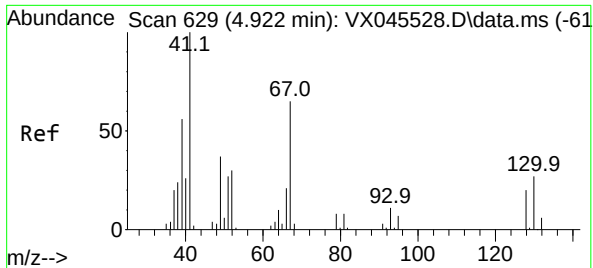
Tgt Ion: 78 Resp: 215607

Ion Ratio Lower Upper

78 100

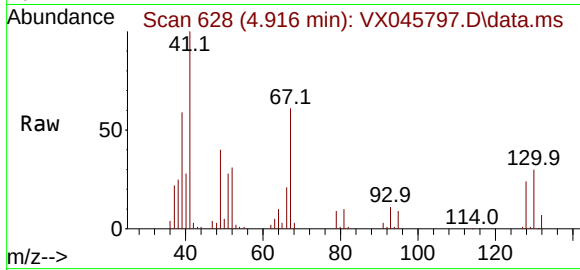
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 57.028 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

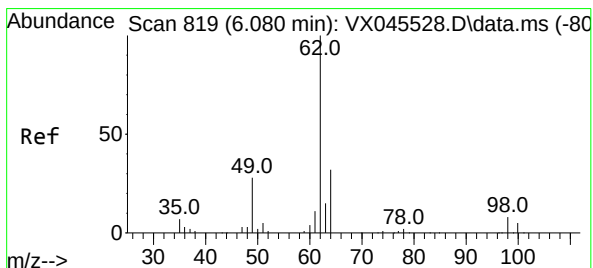
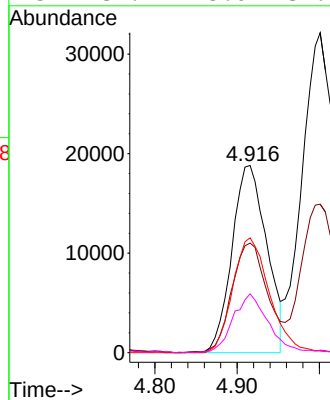
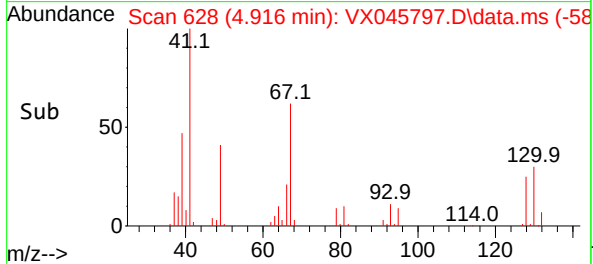
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5537
Ion Ratio Lower Upper
41 100
39 61.1 47.0 70.6
67 65.0 53.2 79.8
52 31.9 25.0 37.6

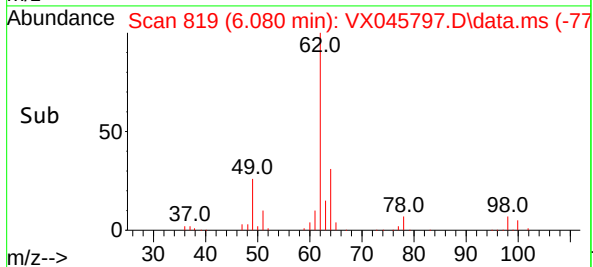
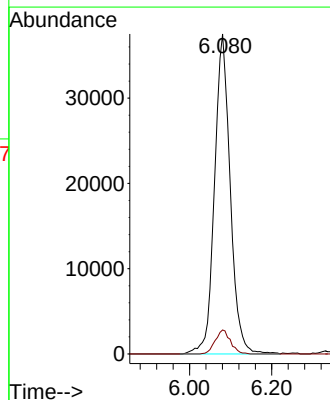
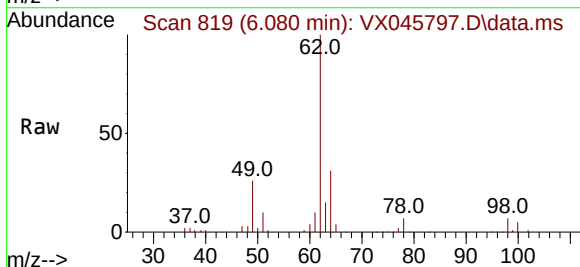
Manual Integrations
APPROVED

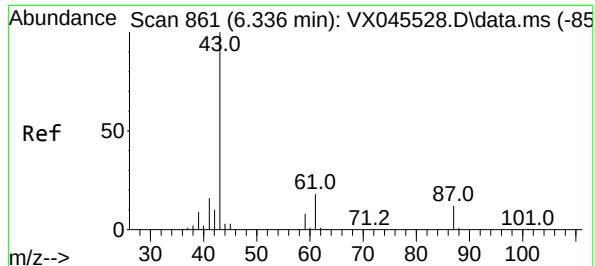
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#42
1,2-Dichloroethane
Concen: 54.134 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Tgt Ion: 62 Resp: 99725
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.2





#43

Isopropyl Acetate

Concen: 56.683 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 158110

Ion Ratio Lower Upper

43 100

61 17.4 14.1 21.1

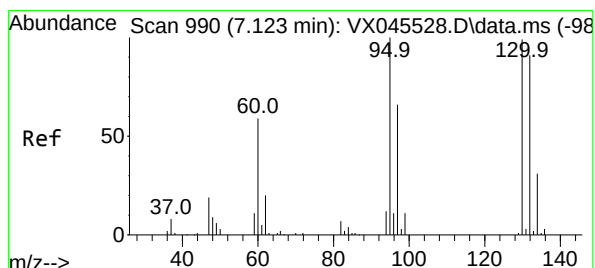
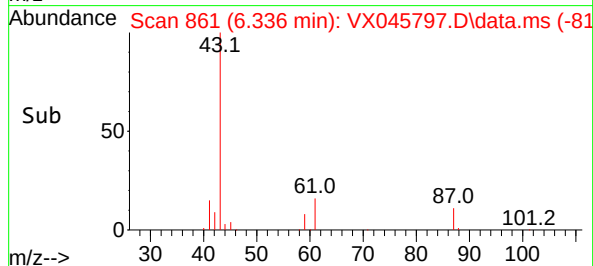
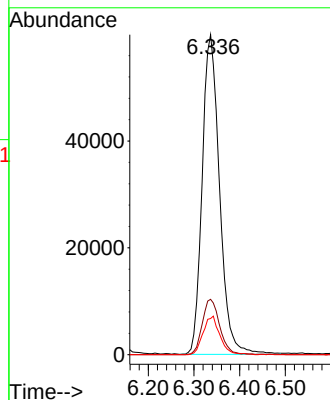
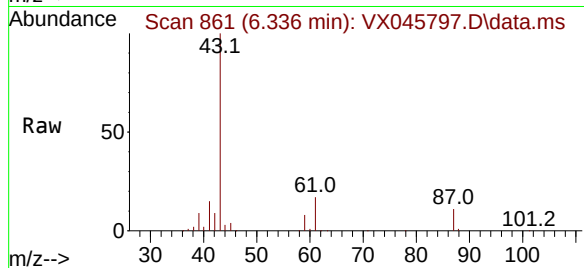
87 11.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#44

Trichloroethene

Concen: 47.999 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX045797.D

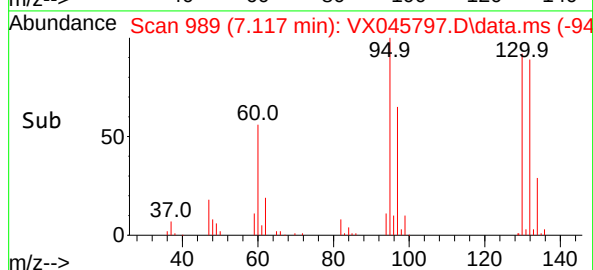
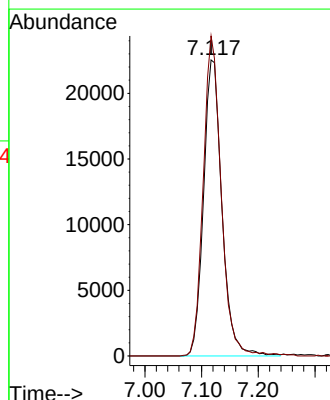
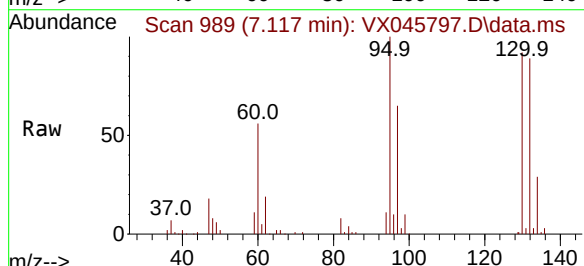
Acq: 16 Apr 2025 09:28

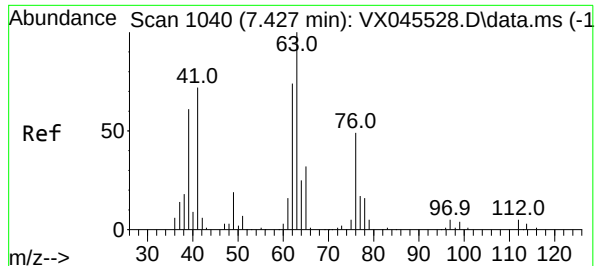
Tgt Ion:130 Resp: 50885

Ion Ratio Lower Upper

130 100

95 108.1 0.0 202.0





#45

1,2-Dichloropropane

Concen: 52.098 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 57978

Ion Ratio Lower Upper

63 100

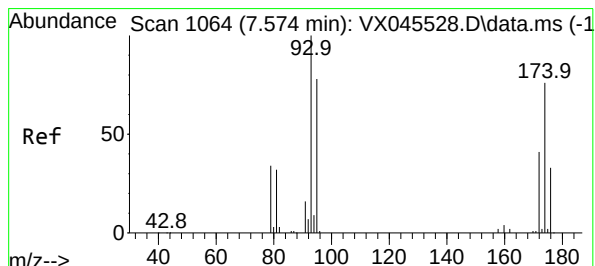
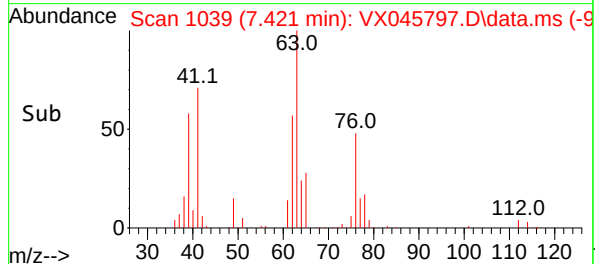
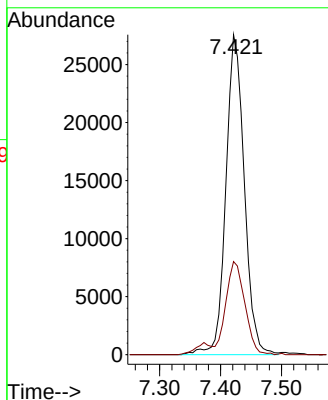
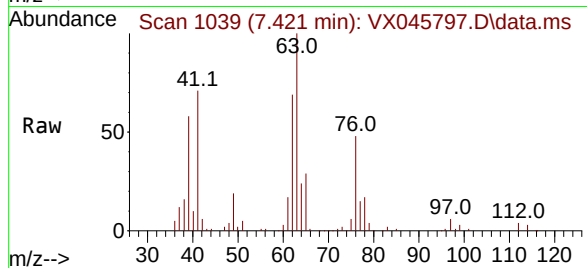
65 29.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#46

Dibromomethane

Concen: 53.083 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

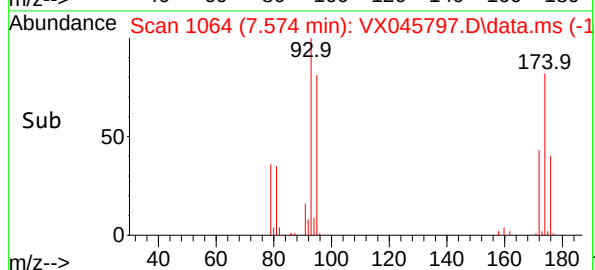
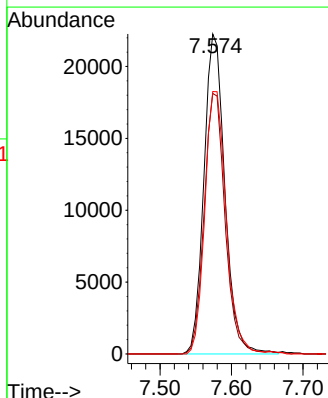
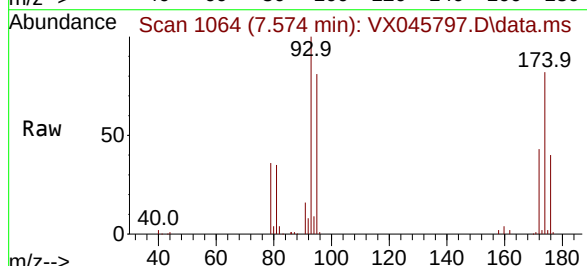
Tgt Ion: 93 Resp: 45348

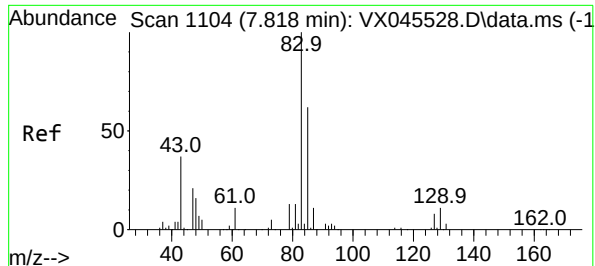
Ion Ratio Lower Upper

93 100

95 81.7 64.8 97.2

174 83.4 65.4 98.0





#47

Bromodichloromethane

Concen: 53.886 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 9193

Ion Ratio Lower Upper

83 100

85 66.0 49.7 74.5

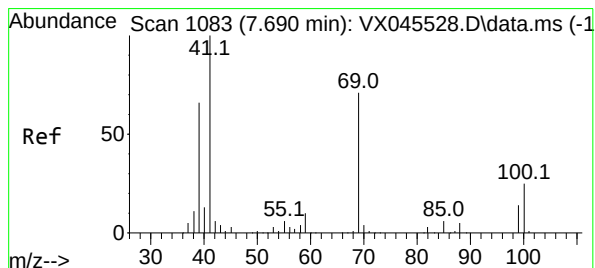
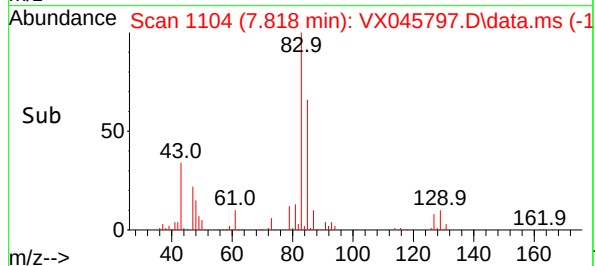
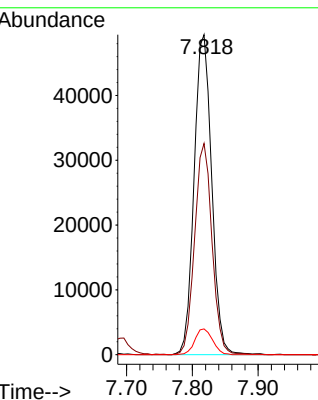
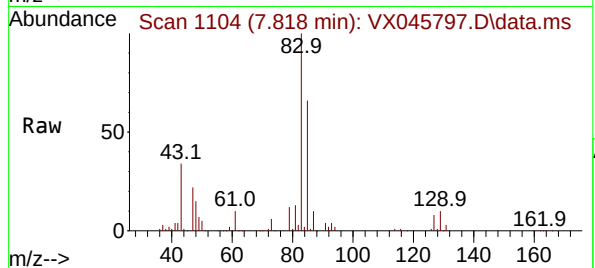
127 8.0 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#48

Methyl methacrylate

Concen: 57.597 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

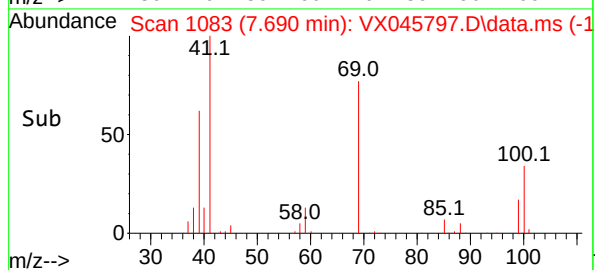
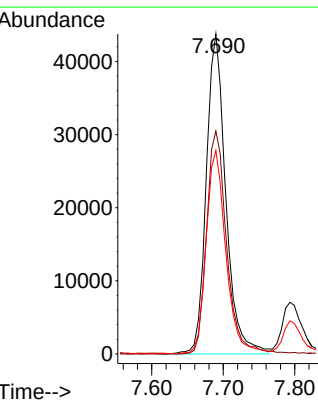
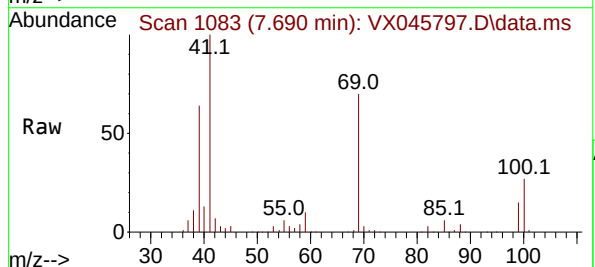
Tgt Ion: 41 Resp: 82951

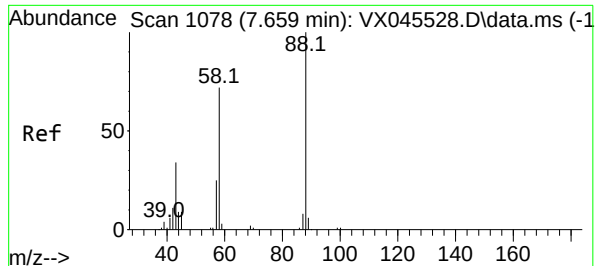
Ion Ratio Lower Upper

41 100

69 71.7 58.2 87.2

39 64.5 53.6 80.4





#49

1,4-Dioxane

Concen: 1063.052 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

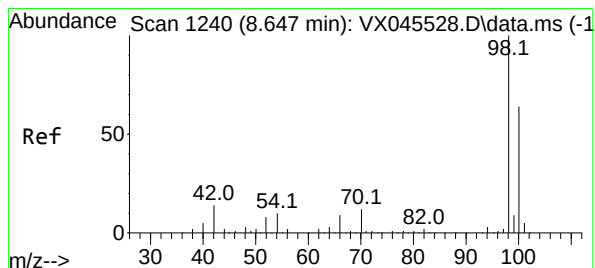
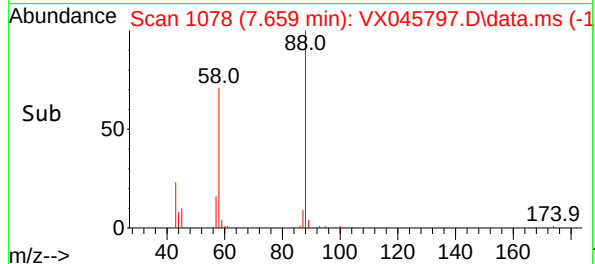
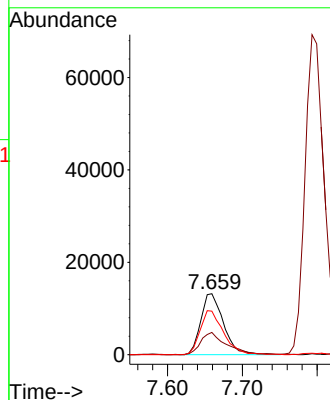
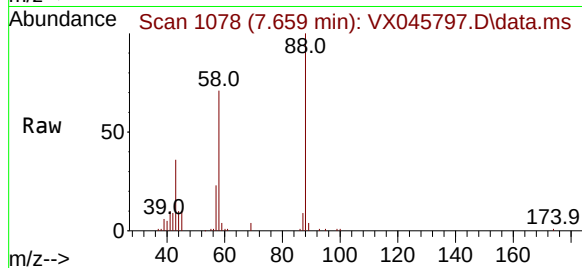
Tgt Ion:	88	Resp:	27700
Ion	Ratio	Lower	Upper
88	100		
43	42.0	32.2	48.4
58	74.5	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#50

Toluene-d8

Concen: 49.889 ug/l

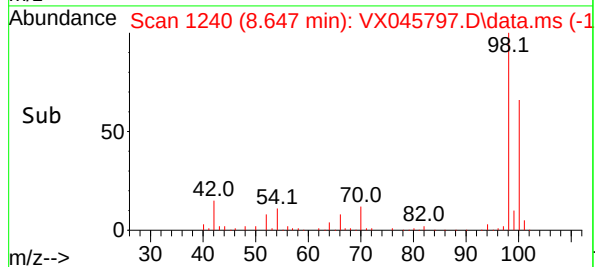
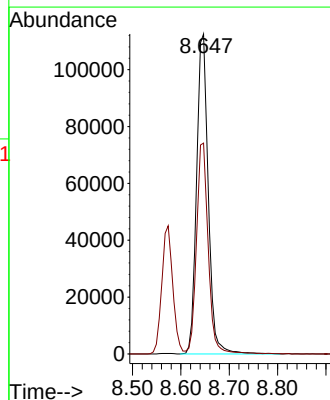
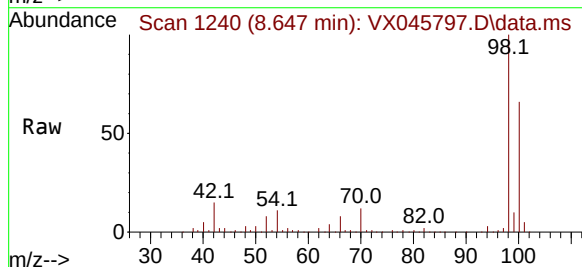
RT: 8.647 min Scan# 1240

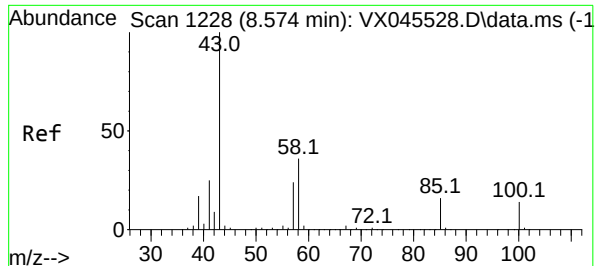
Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Tgt Ion:	98	Resp:	188345
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.4





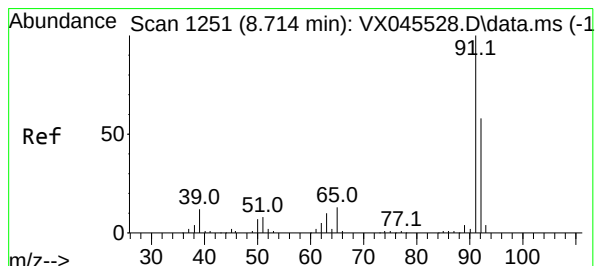
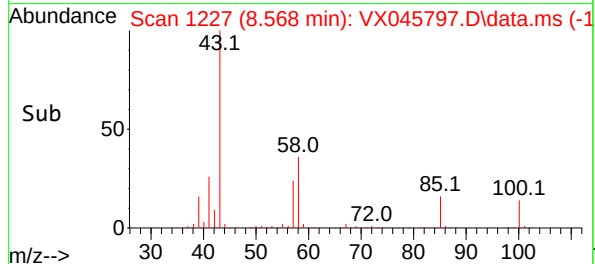
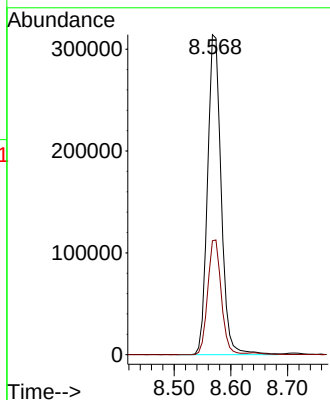
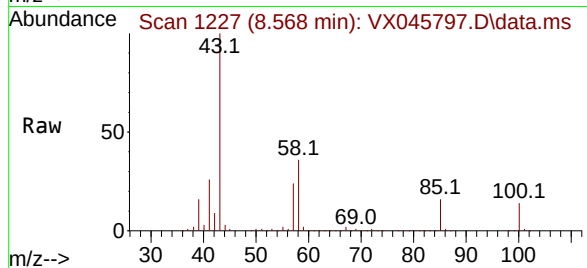
#51
4-Methyl-2-Pentanone
Concen: 283.119 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 52352
Ion Ratio Lower Upper
43 100
58 35.7 28.5 42.7

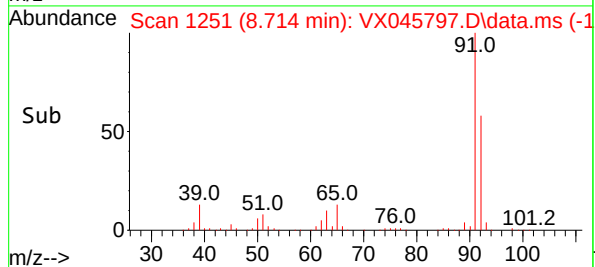
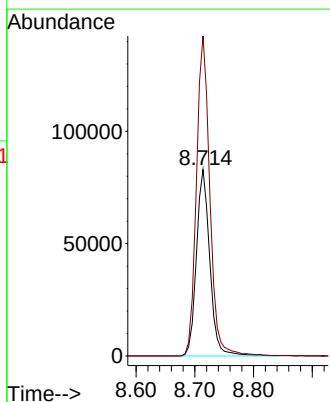
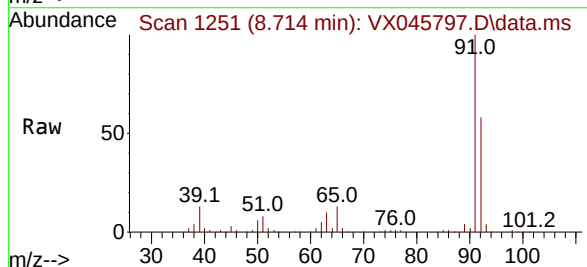
Manual Integrations
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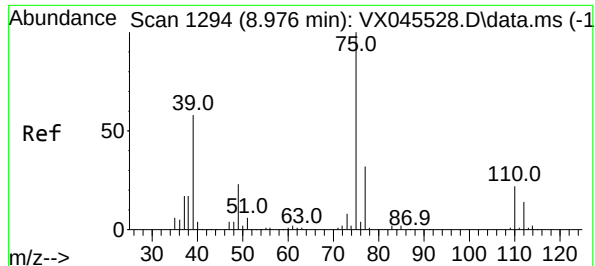
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#52
Toluene
Concen: 48.685 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Tgt Ion: 92 Resp: 131394
Ion Ratio Lower Upper
92 100
91 172.6 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 51.952 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 8538

Ion Ratio Lower Upper

75 100

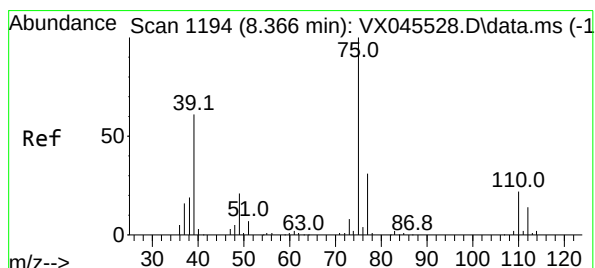
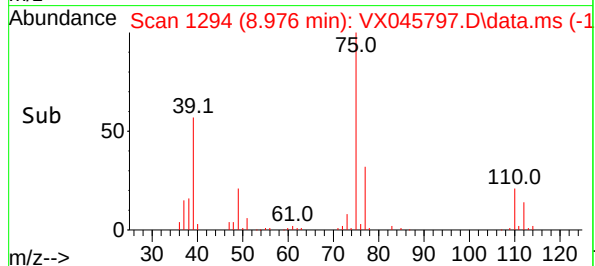
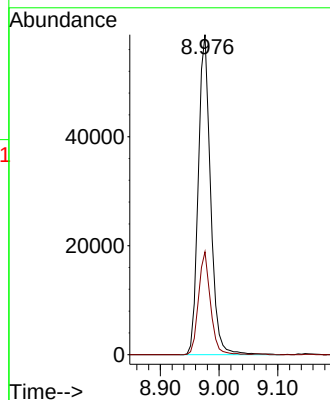
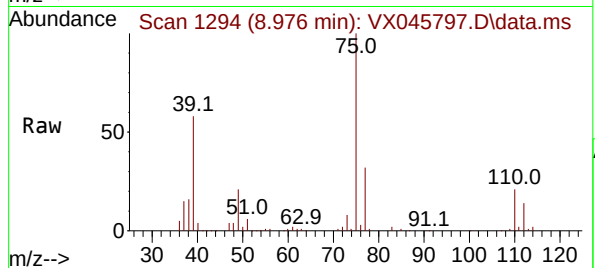
77 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#54

cis-1,3-Dichloropropene

Concen: 57.828 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

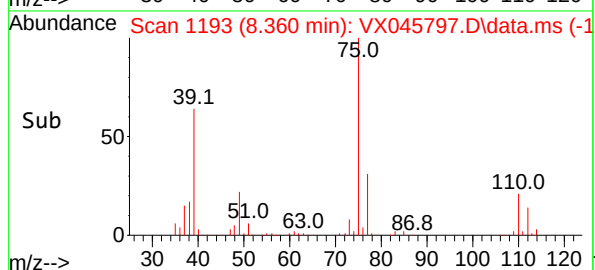
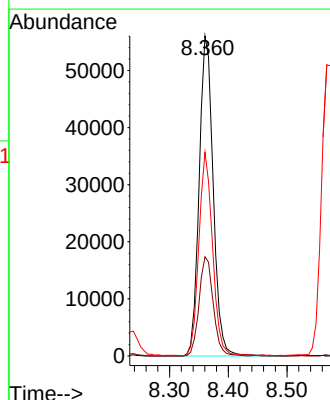
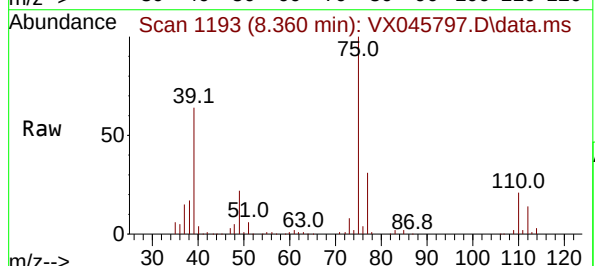
Tgt Ion: 75 Resp: 92710

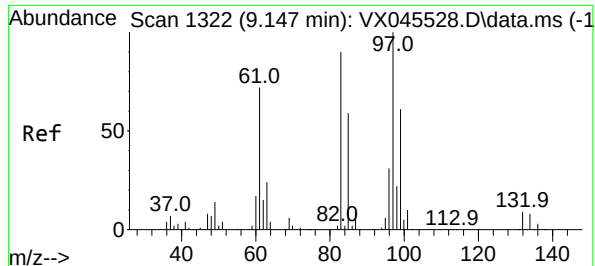
Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 63.5 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 53.685 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 57730

Ion Ratio Lower Upper

97 100

83 85.4 71.8 107.8

85 56.7 47.0 70.6

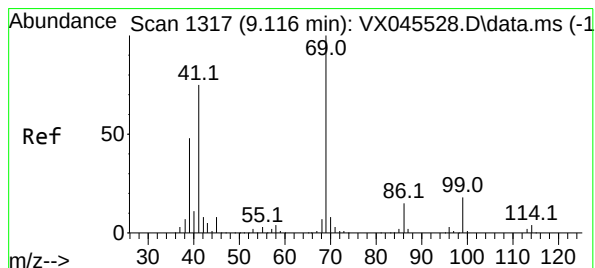
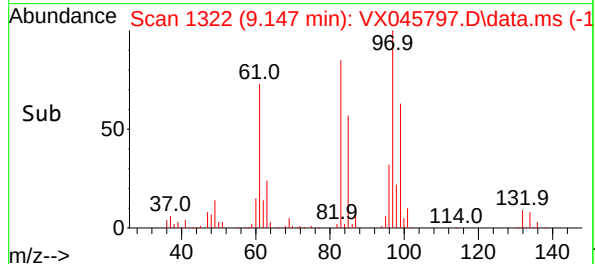
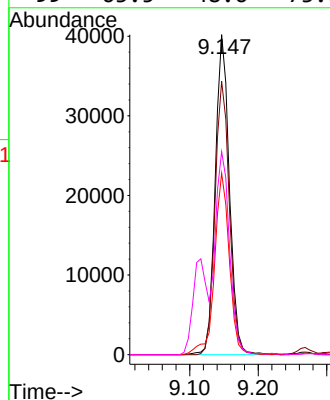
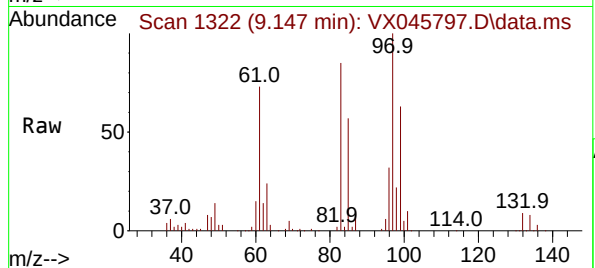
99 63.5 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#56

Ethyl methacrylate

Concen: 58.623 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

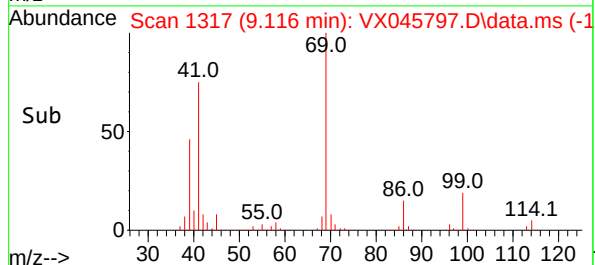
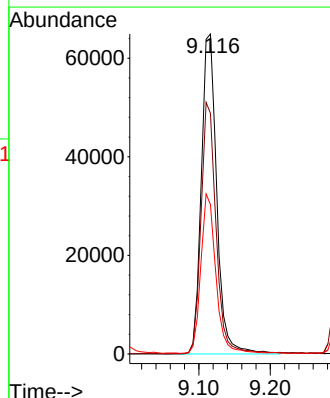
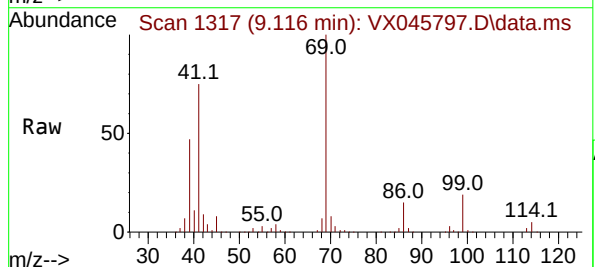
Tgt Ion: 69 Resp: 97572

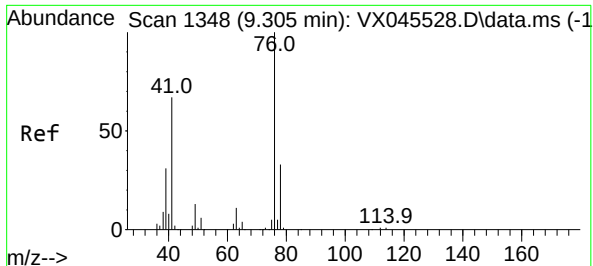
Ion Ratio Lower Upper

69 100

41 77.4 61.3 91.9

39 48.2 40.2 60.2





#57

1,3-Dichloropropane

Concen: 53.872 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 100890

Ion Ratio Lower Upper

76 100

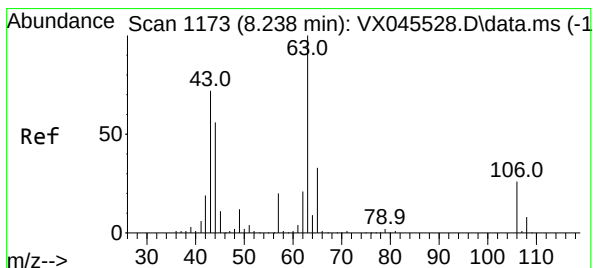
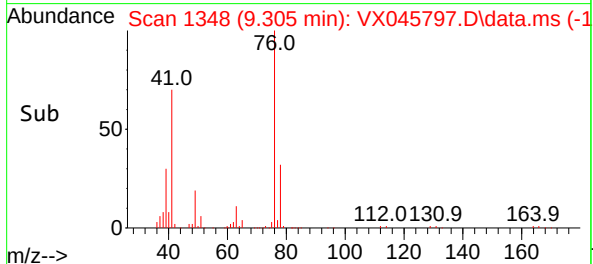
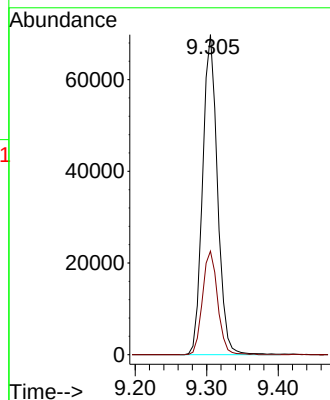
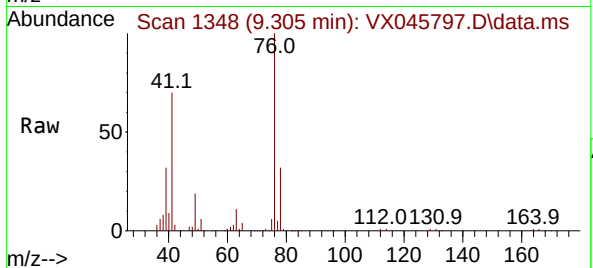
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 286.126 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045797.D

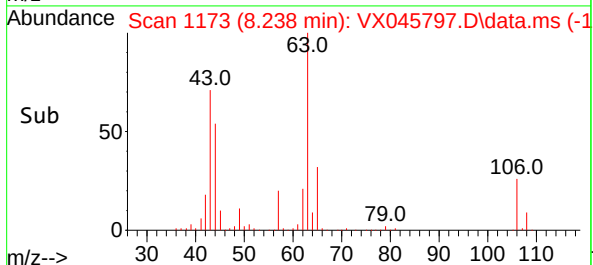
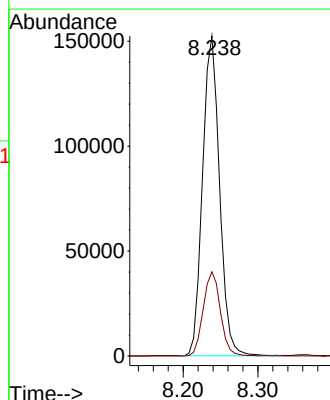
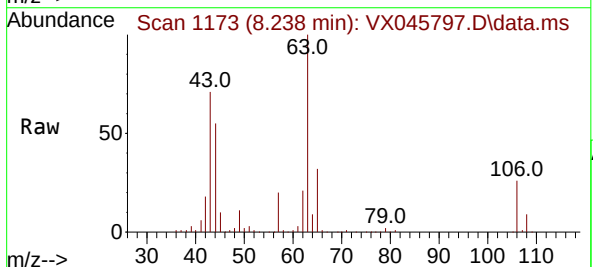
Acq: 16 Apr 2025 09:28

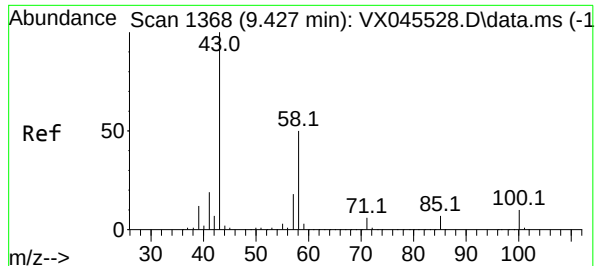
Tgt Ion: 63 Resp: 240911

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.6





#59

2-Hexanone

Concen: 280.249 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 383752

Ion Ratio Lower Upper

43 100

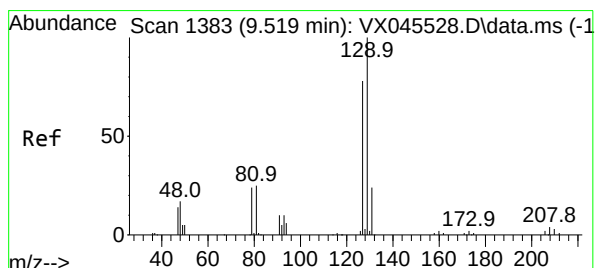
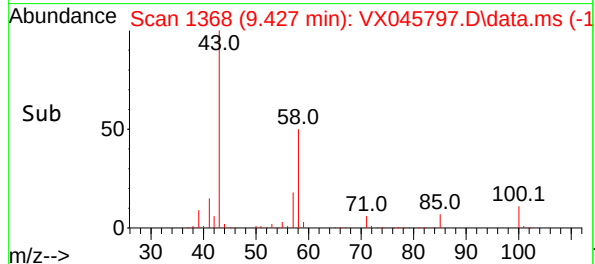
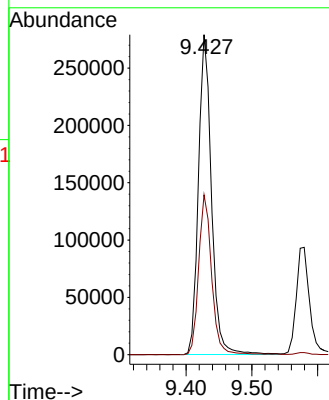
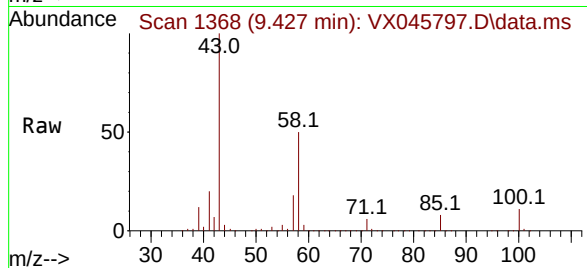
58 49.7 24.9 74.6

Manual Integrations

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Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#60

Dibromochloromethane

Concen: 57.650 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045797.D

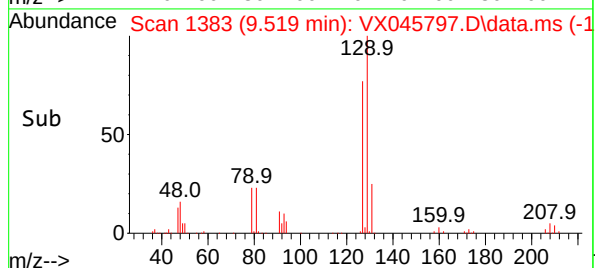
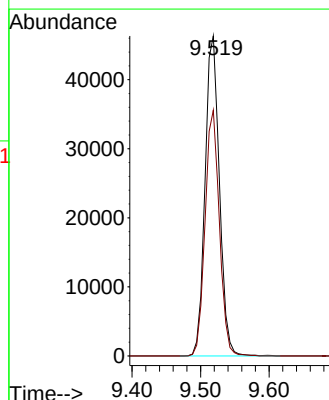
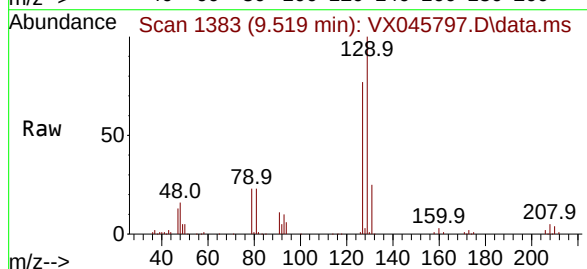
Acq: 16 Apr 2025 09:28

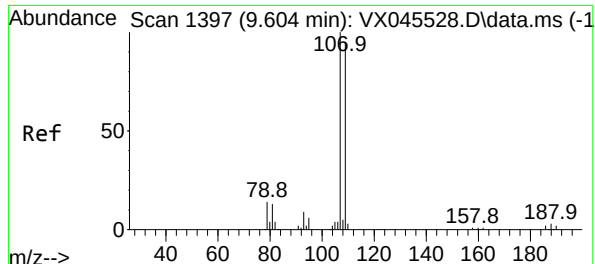
Tgt Ion:129 Resp: 67592

Ion Ratio Lower Upper

129 100

127 76.5 39.4 118.2





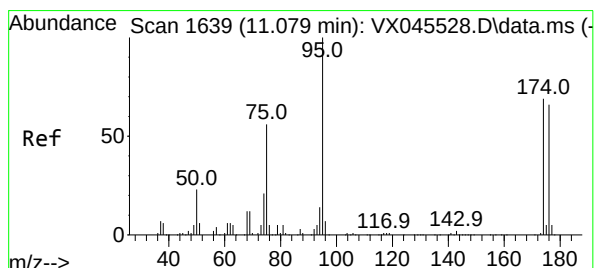
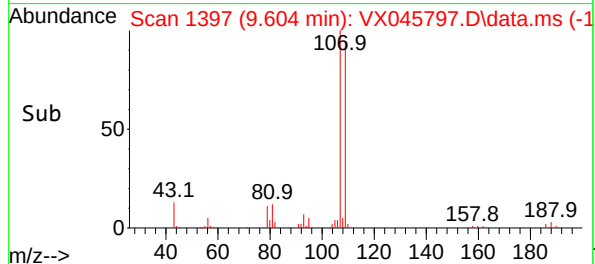
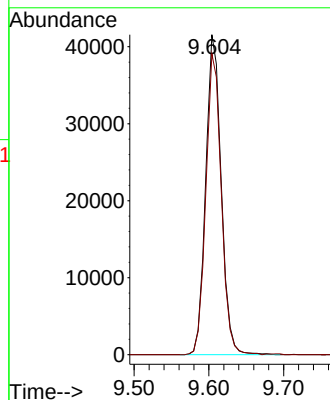
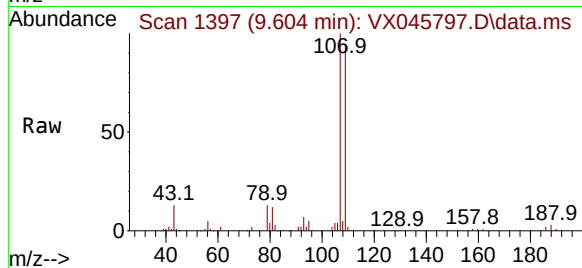
#61
1,2-Dibromoethane
Concen: 54.852 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 5971
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

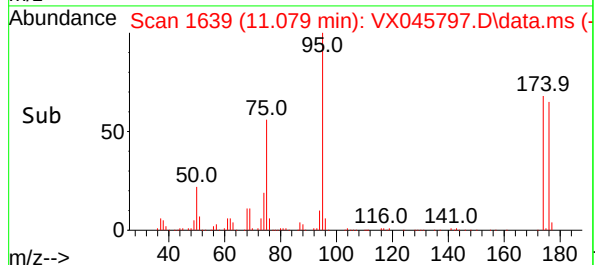
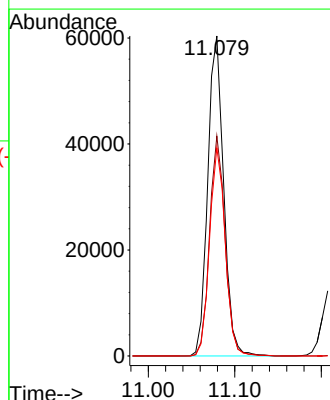
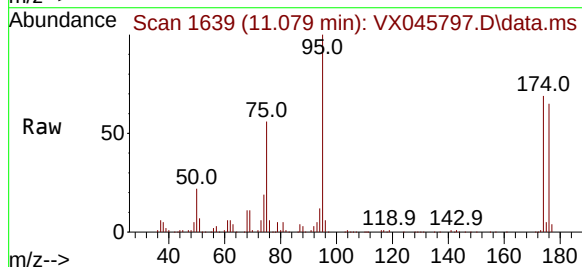
Manual Integrations
APPROVED

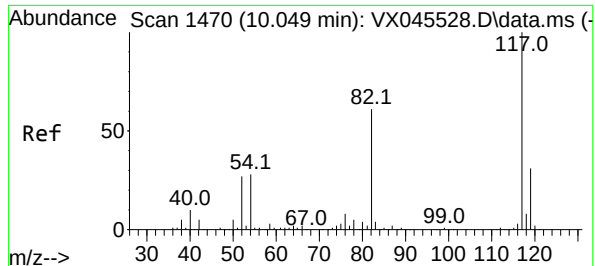
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#62
4-Bromofluorobenzene
Concen: 56.000 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Tgt Ion: 95 Resp: 77007
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.2 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 137129

Ion Ratio Lower Upper

117 100

82 63.5 49.2 73.8

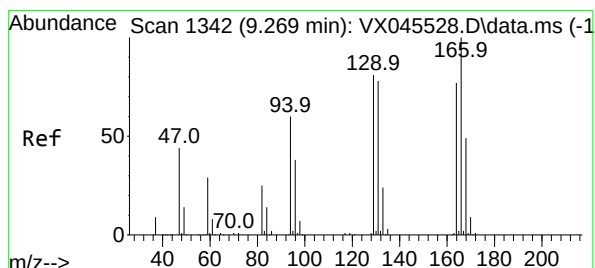
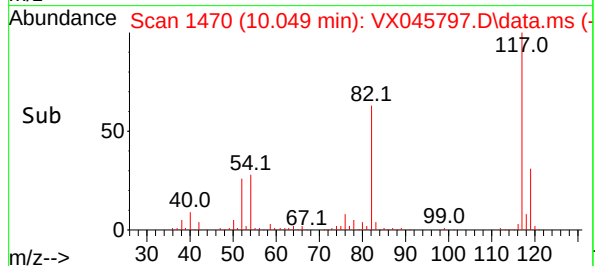
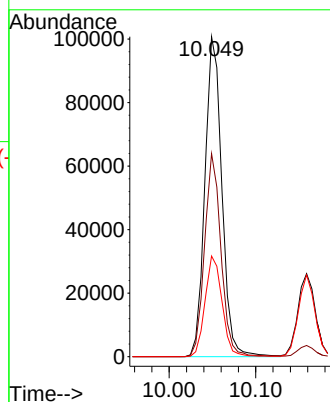
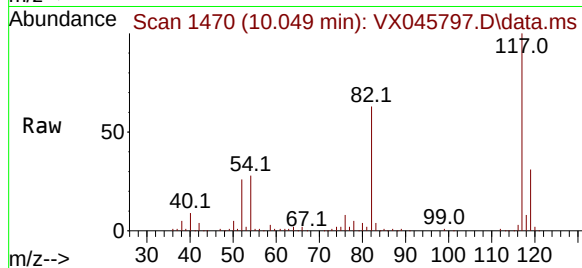
119 31.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#64

Tetrachloroethene

Concen: 44.568 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Tgt Ion:164 Resp: 43149

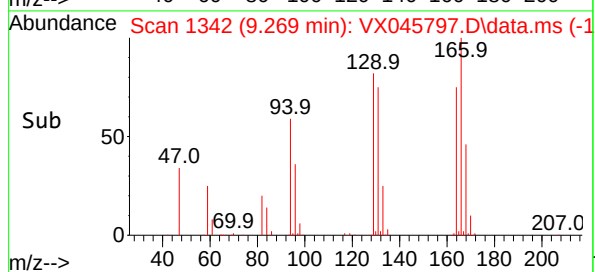
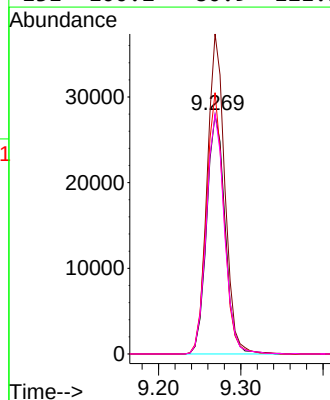
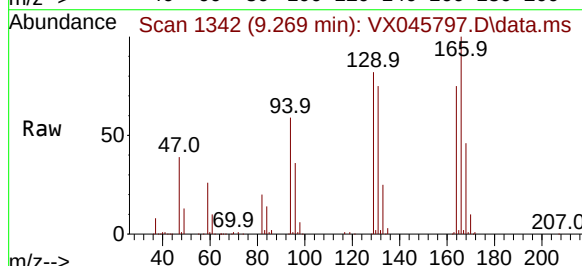
Ion Ratio Lower Upper

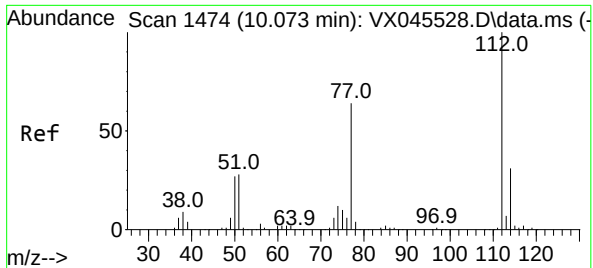
164 100

166 133.9 103.8 155.8

129 109.3 84.3 126.5

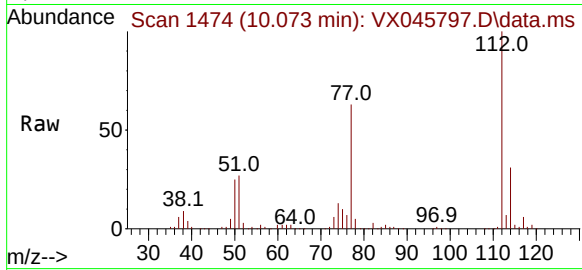
131 100.2 80.9 121.3





#65
Chlorobenzene
Concen: 51.229 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

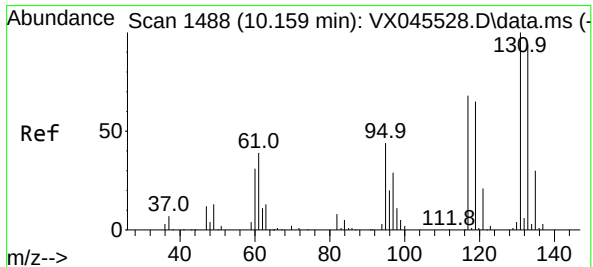
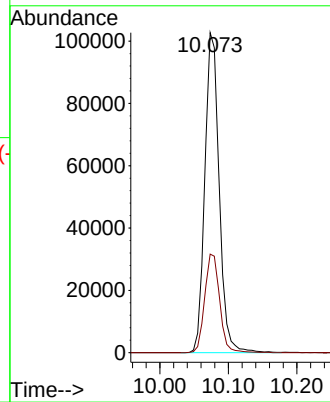
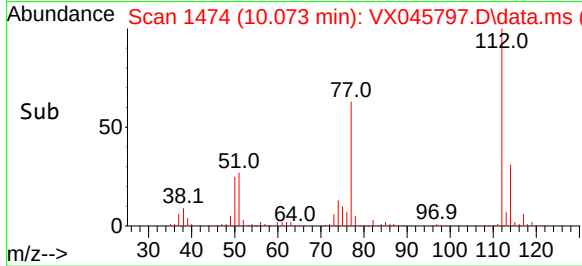
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



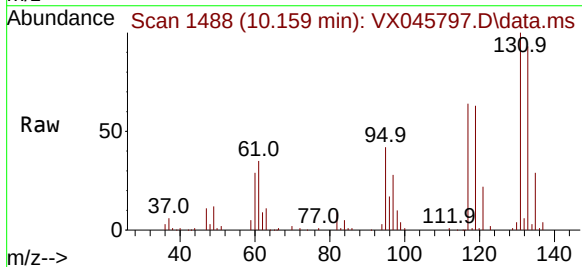
Tgt Ion:112 Resp: 150112
Ion Ratio Lower Upper
112 100
114 30.8 24.7 37.1

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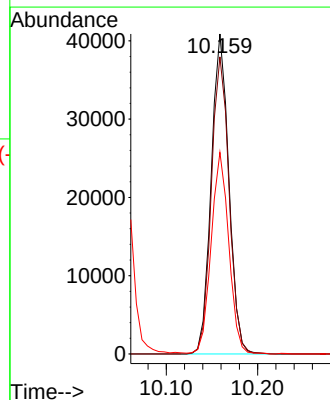
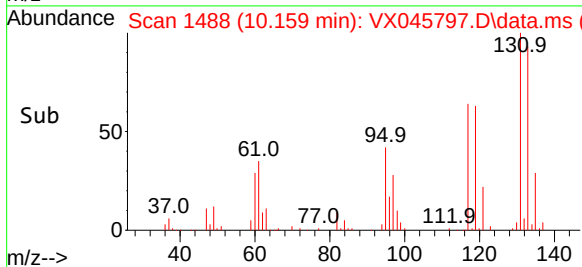
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

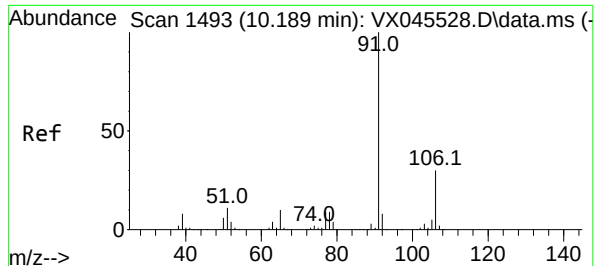


#66
1,1,1,2-Tetrachloroethane
Concen: 53.721 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28



Tgt Ion:131 Resp: 54651
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.5
119 63.1 32.9 98.6





#67

Ethyl Benzene

Concen: 49.341 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 25894

Ion Ratio Lower Upper

91 100

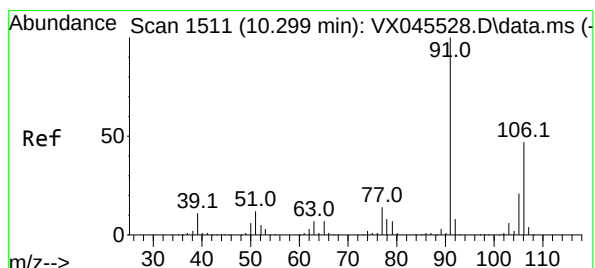
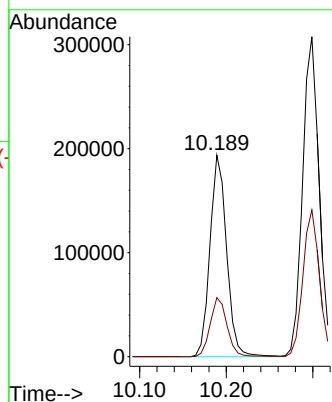
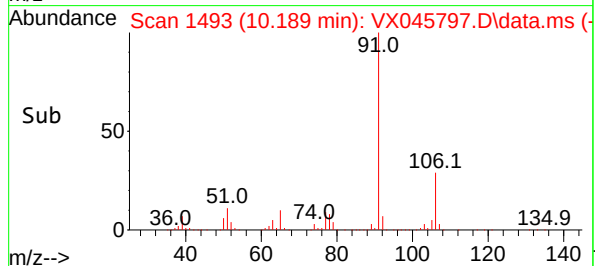
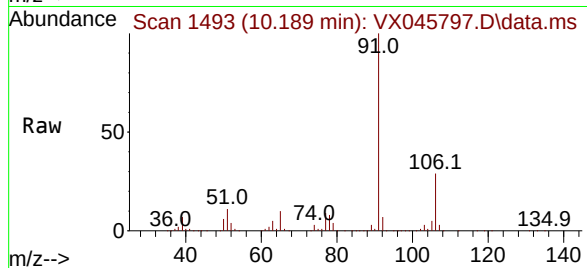
106 29.3 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#68

m/p-Xylenes

Concen: 99.313 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045797.D

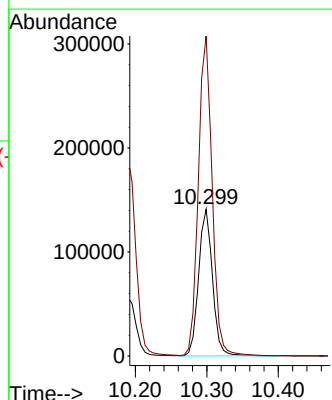
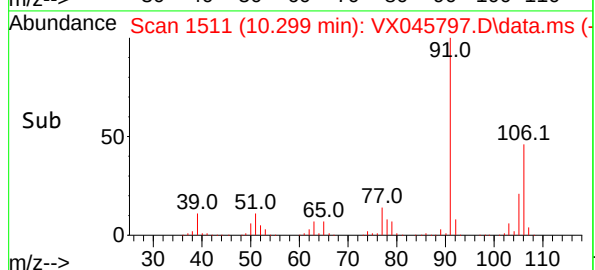
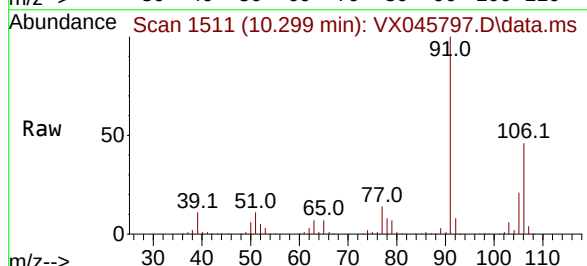
Acq: 16 Apr 2025 09:28

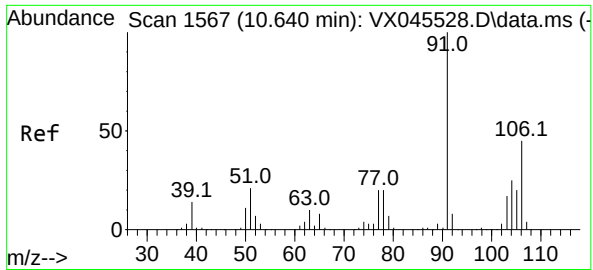
Tgt Ion:106 Resp: 189565

Ion Ratio Lower Upper

106 100

91 217.8 172.6 258.8





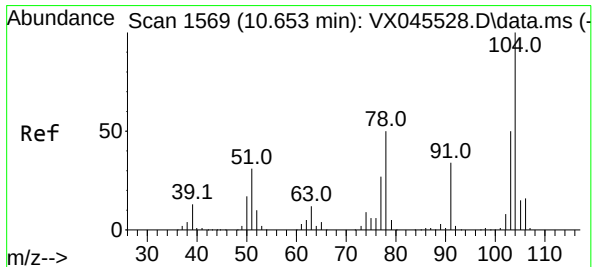
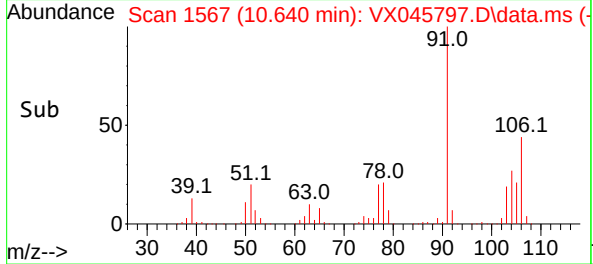
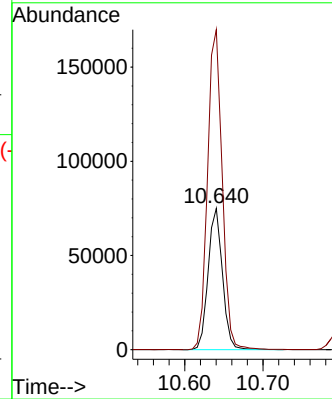
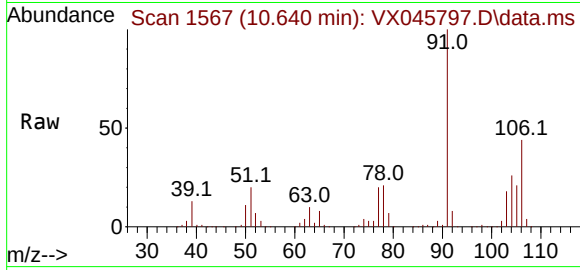
#69
o-Xylene
Concen: 50.620 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9518
Ion Ratio Lower Upper
106 100
91 231.7 113.6 340.6

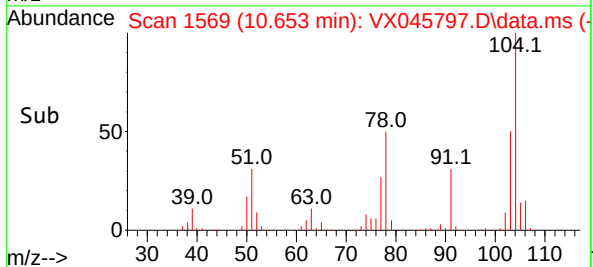
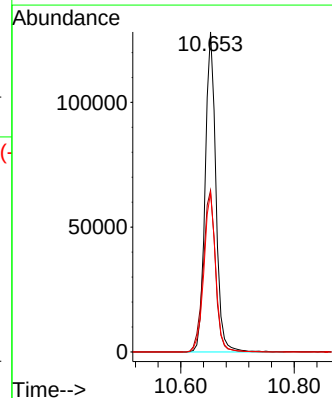
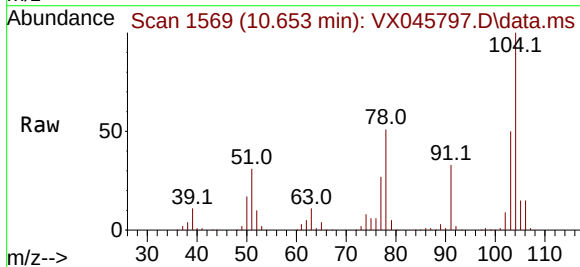
Manual Integrations
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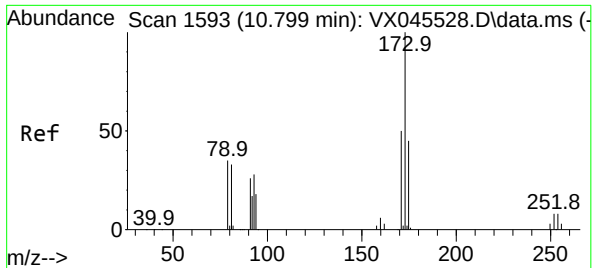
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#70
Styrene
Concen: 54.362 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

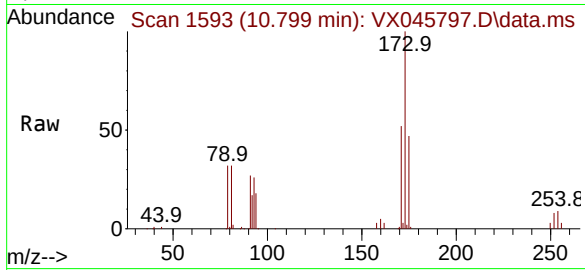
Tgt Ion:104 Resp: 168709
Ion Ratio Lower Upper
104 100
78 57.5 45.4 68.2
103 54.6 43.8 65.8





#71
Bromoform
Concen: 57.401 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

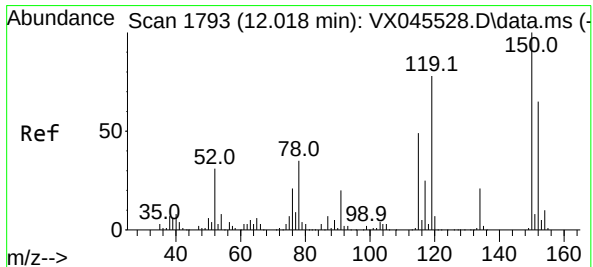
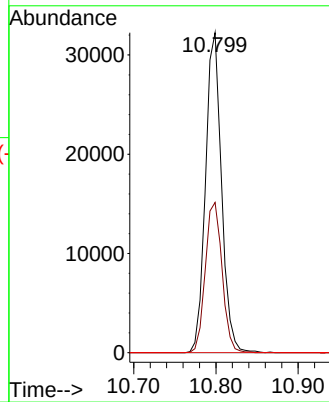
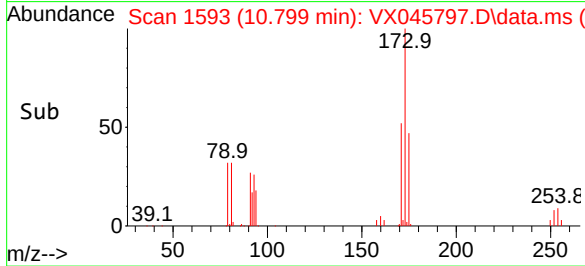
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 43602
Ion Ratio Lower Upper
173 100
175 49.2 23.4 70.2
254 0.0 0.0 0.0

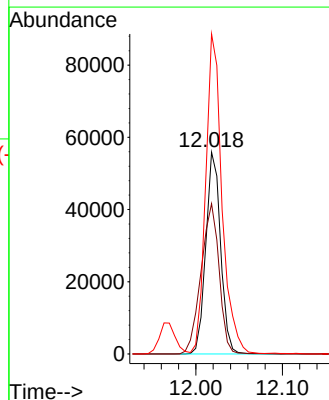
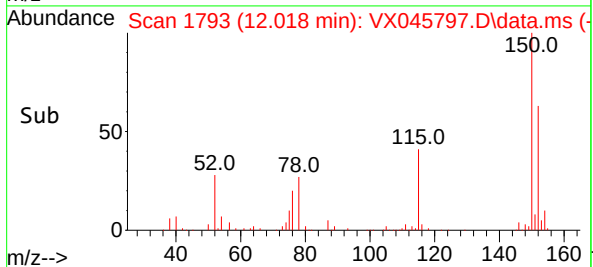
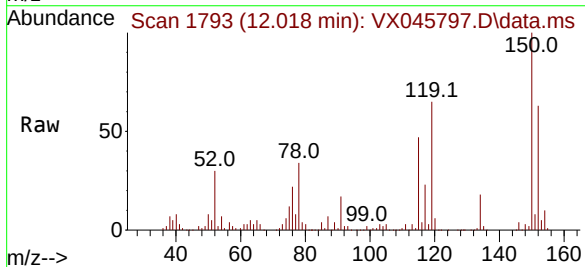
Manual Integrations
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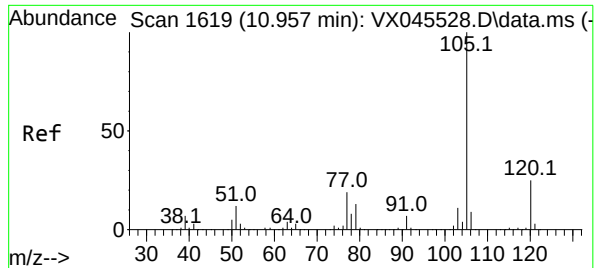
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Tgt Ion:152 Resp: 66178
Ion Ratio Lower Upper
152 100
115 91.1 46.9 140.7
150 174.5 0.0 349.4





#73

Isopropylbenzene

Concen: 46.854 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 24836

Ion Ratio Lower Upper

105 100

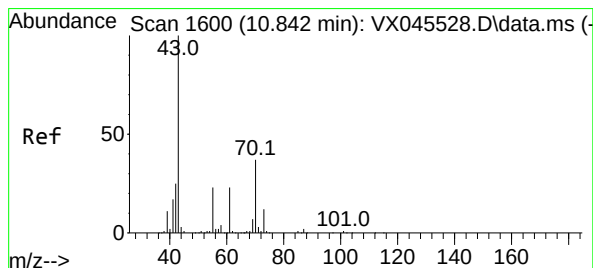
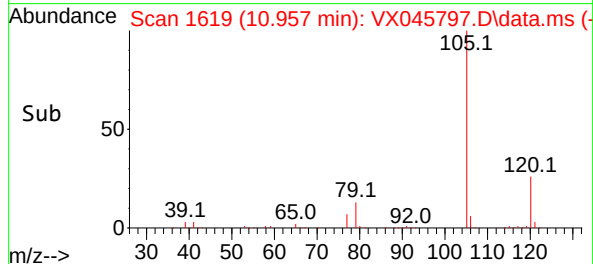
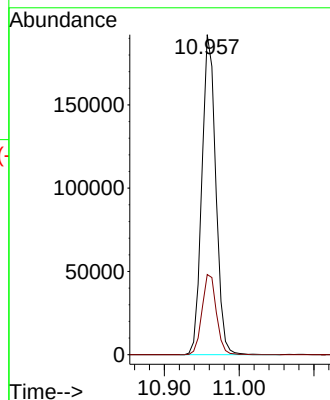
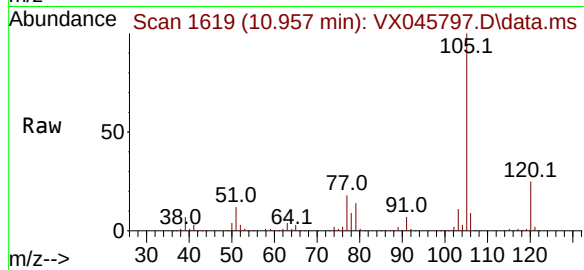
120 25.8 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#74

N-ethyl acetate

Concen: 53.562 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Tgt Ion: 43 Resp: 135817

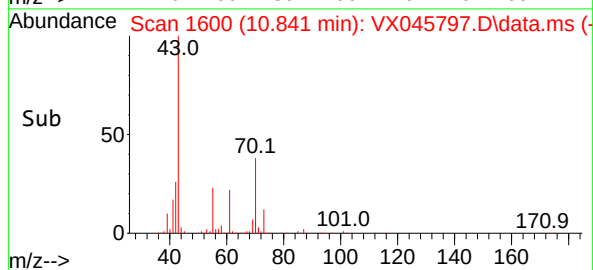
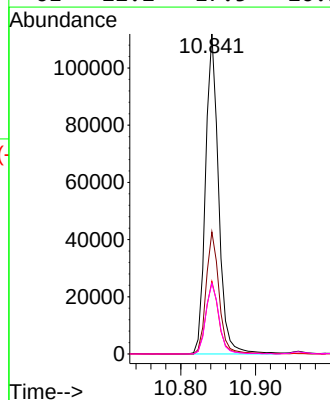
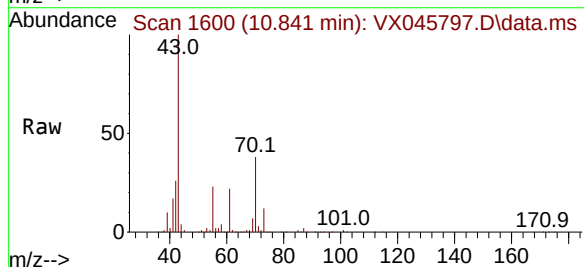
Ion Ratio Lower Upper

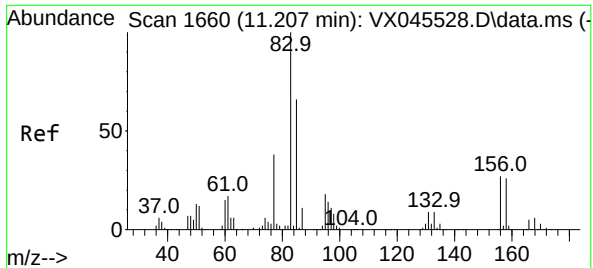
43 100

70 37.9 30.1 45.1

55 22.7 18.3 27.5

61 22.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.050 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

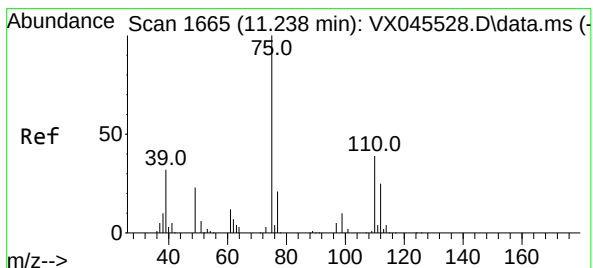
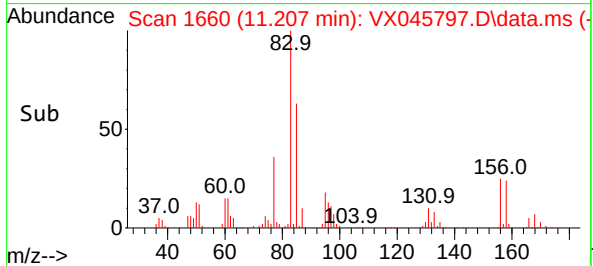
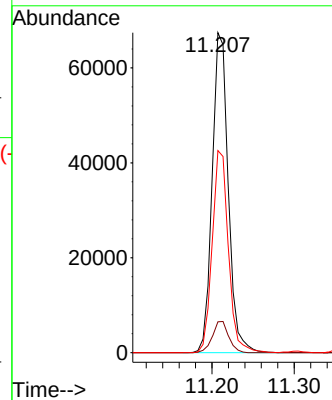
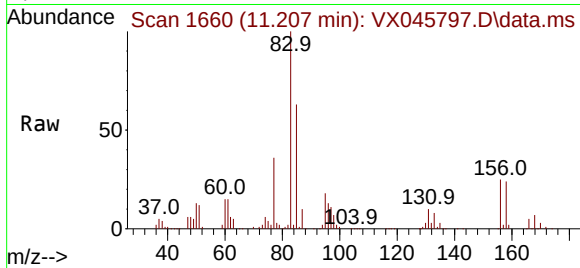
Tgt Ion:	83	Resp:	91338
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.7	14.1
85	63.6	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#76

1,2,3-Trichloropropane

Concen: 49.877 ug/l m

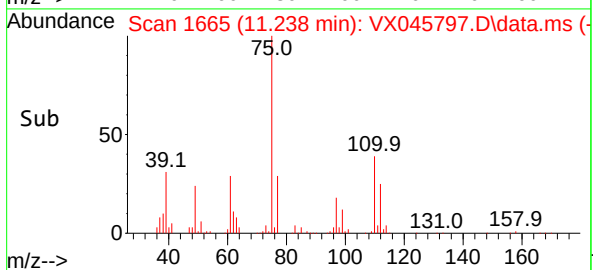
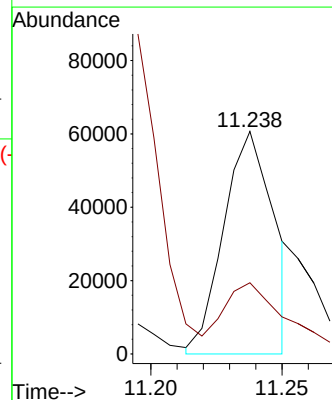
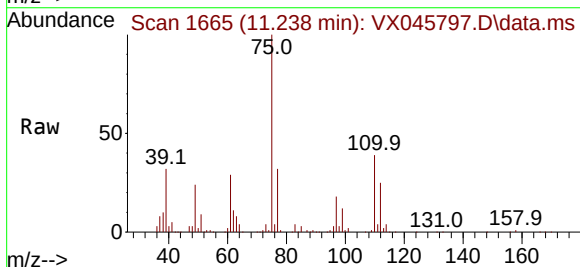
RT: 11.238 min Scan# 1665

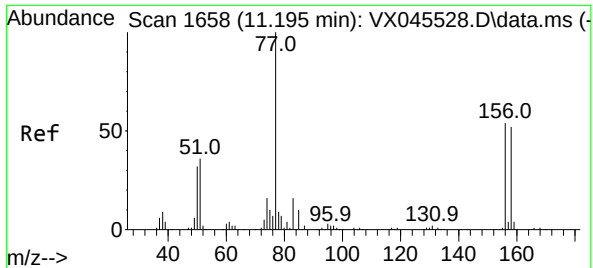
Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

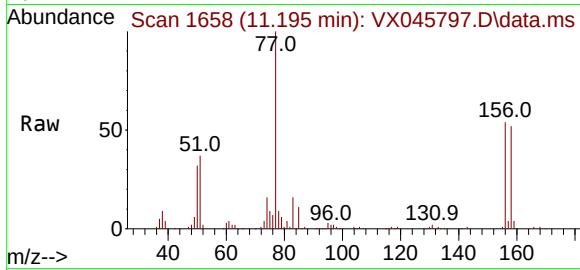
Tgt Ion:	75	Resp:	80513
Ion	Ratio	Lower	Upper
75	100		
77	40.9	20.0	59.9





#77
Bromobenzene
Concen: 48.593 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

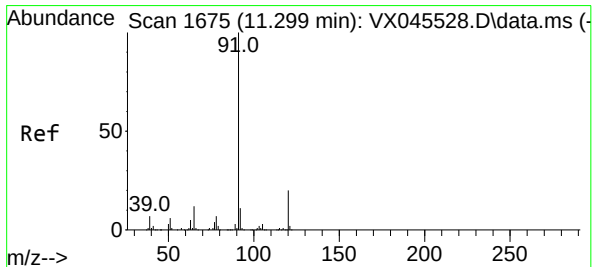
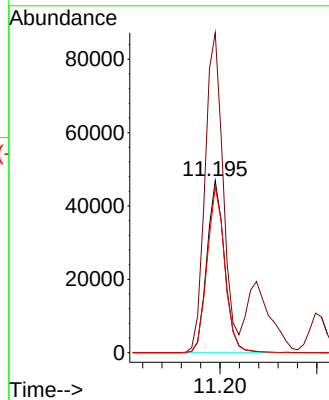
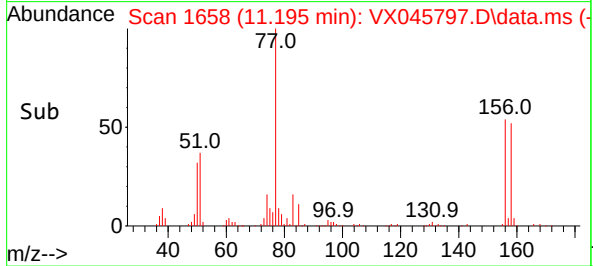
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 59517
Ion Ratio Lower Upper
156 100
77 191.3 92.6 277.8
158 96.4 48.1 144.4

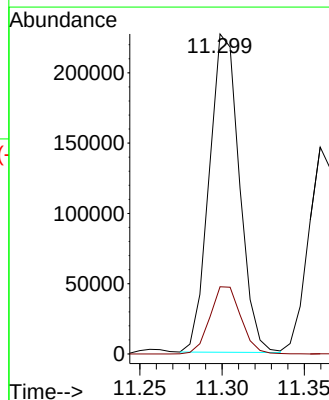
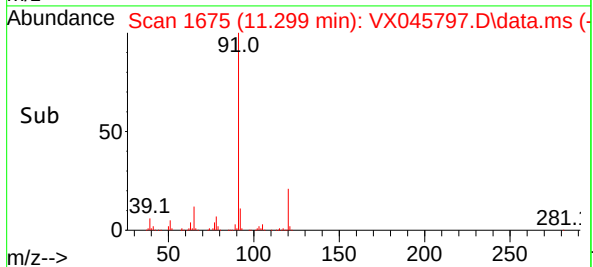
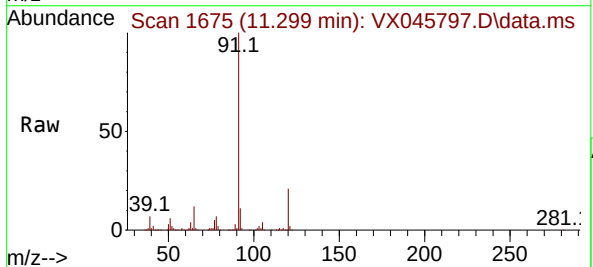
Manual Integrations
APPROVED

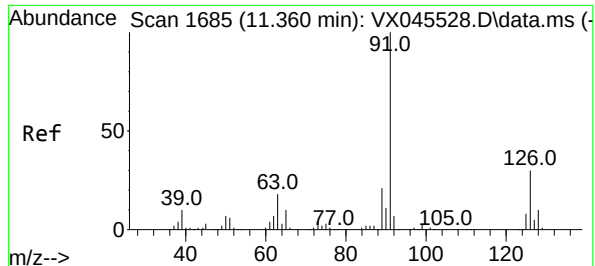
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#78
n-propylbenzene
Concen: 47.354 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Tgt Ion: 91 Resp: 289136
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.3





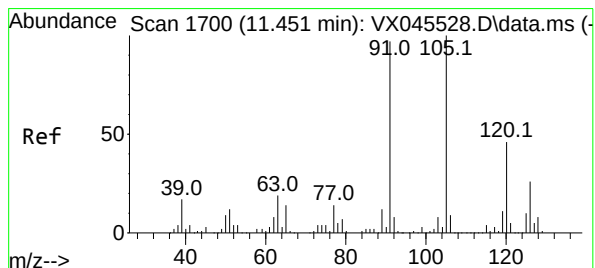
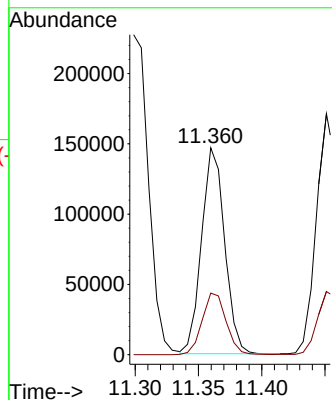
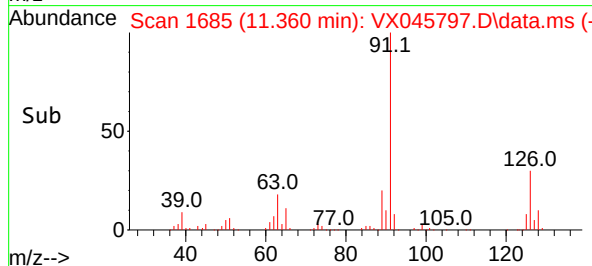
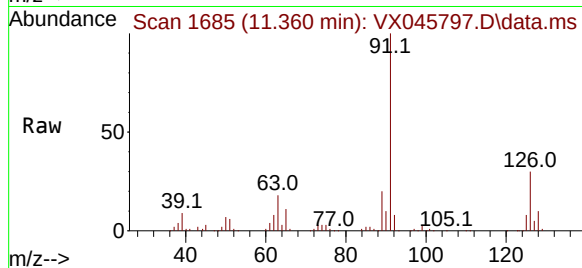
#79
2-Chlorotoluene
Concen: 47.669 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 186070
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.4

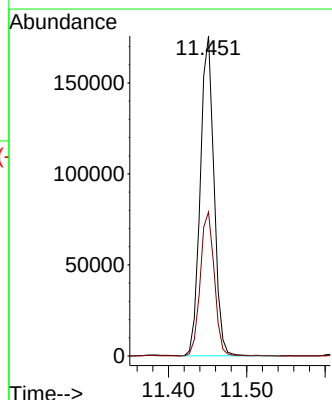
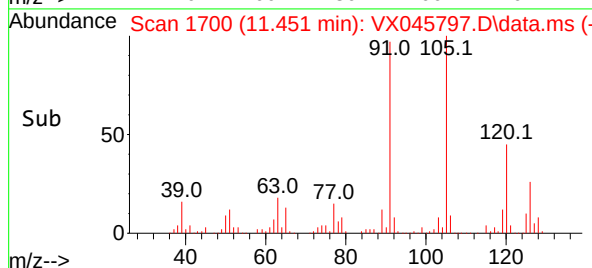
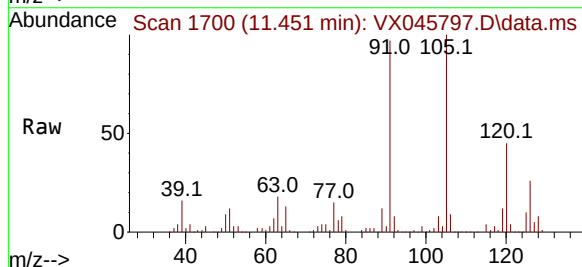
Manual Integrations
APPROVED

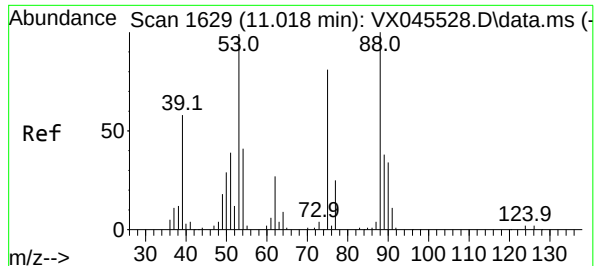
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.876 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Tgt Ion:105 Resp: 214243
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





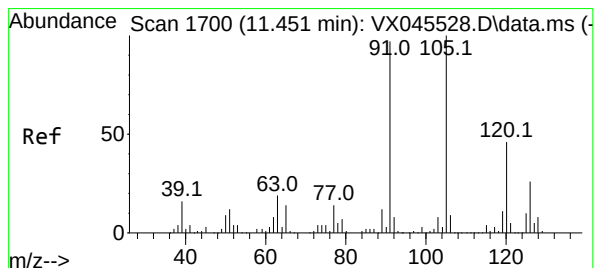
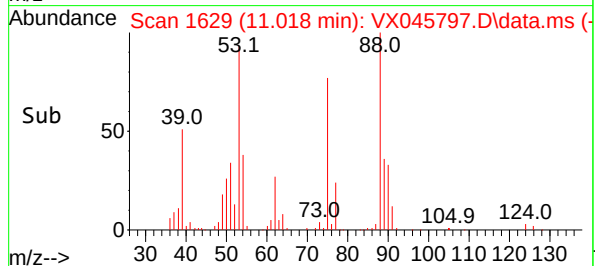
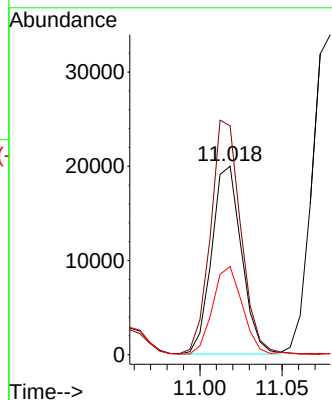
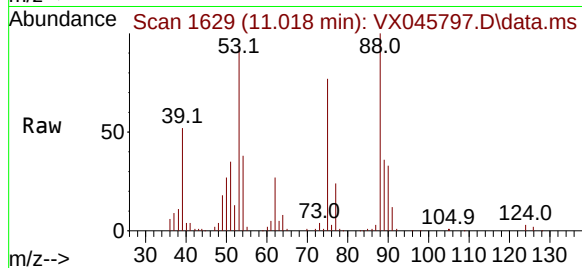
#81
trans-1,4-Dichloro-2-butene
Concen: 53.033 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 25224
Ion Ratio Lower Upper
75 100
53 127.9 101.8 152.6
89 46.7 37.2 55.8

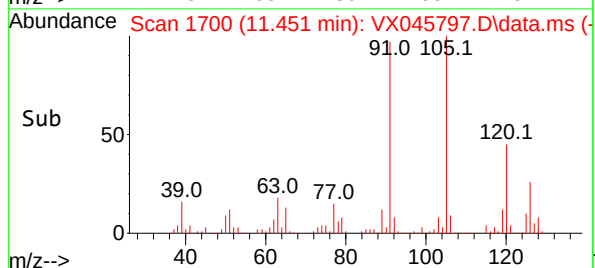
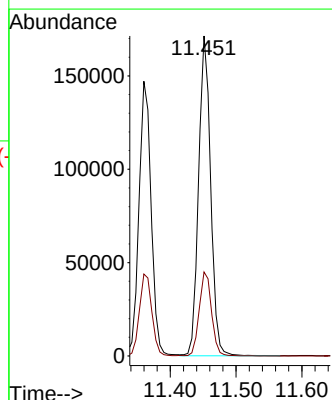
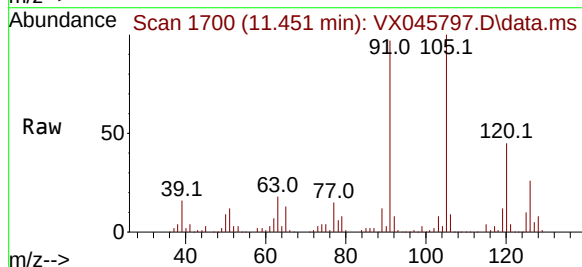
Manual Integrations
APPROVED

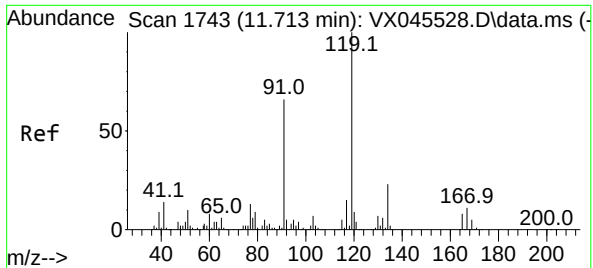
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#82
4-Chlorotoluene
Concen: 49.808 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

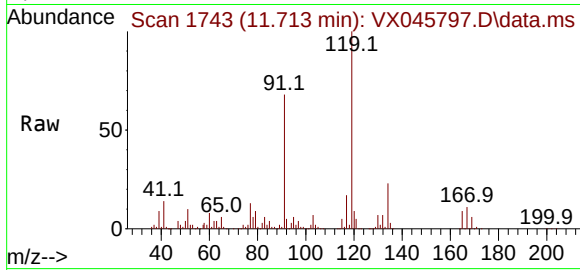
Tgt Ion: 91 Resp: 216767
Ion Ratio Lower Upper
91 100
126 27.0 13.3 39.9





#83
tert-Butylbenzene
Concen: 48.200 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

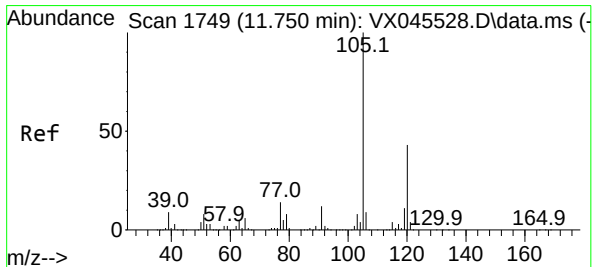
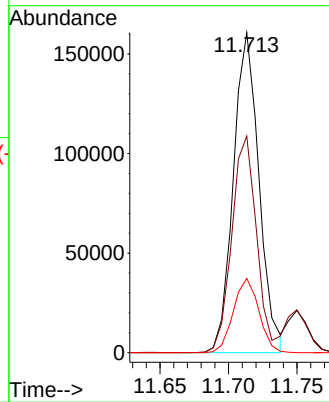
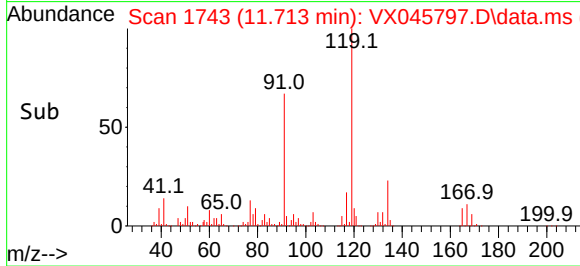
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



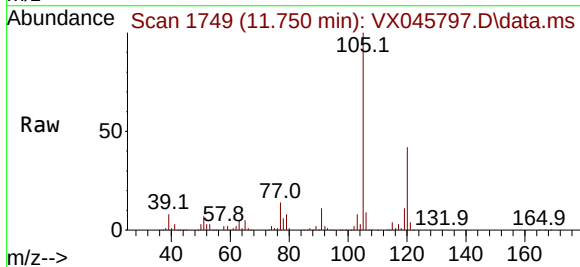
Tgt Ion:119 Resp: 209170
Ion Ratio Lower Upper
119 100
91 64.8 32.4 97.2
134 23.1 11.5 34.5

Manual Integrations
APPROVED

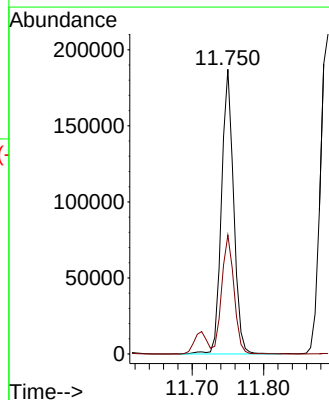
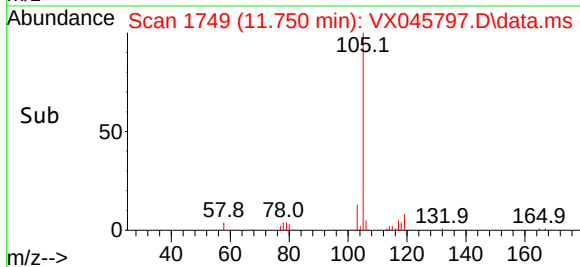
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

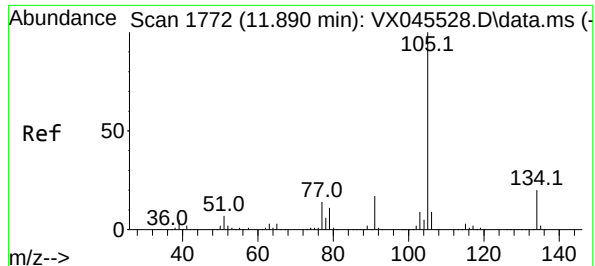


#84
1,2,4-Trimethylbenzene
Concen: 50.200 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28



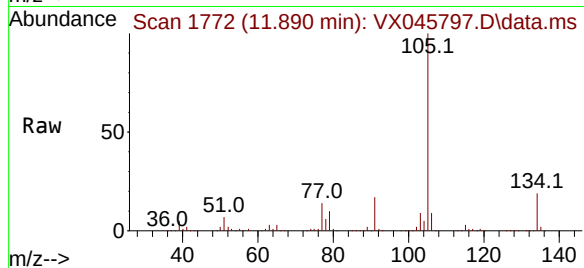
Tgt Ion:105 Resp: 220858
Ion Ratio Lower Upper
105 100
120 42.3 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 48.623 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045797.D
 Acq: 16 Apr 2025 09:28

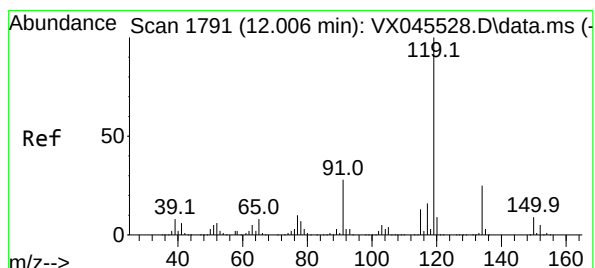
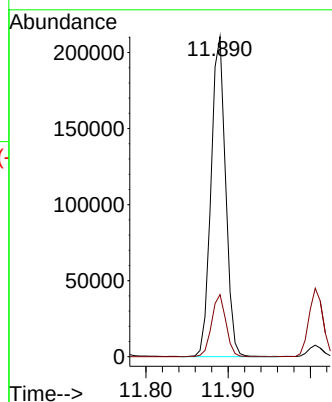
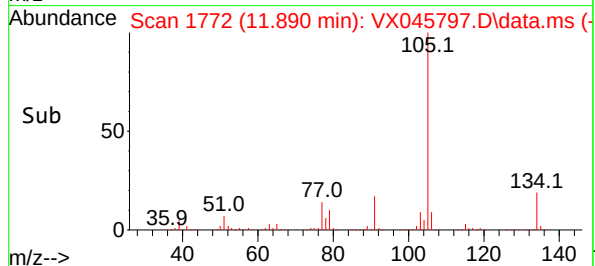
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



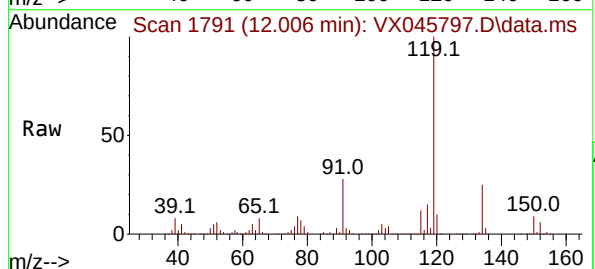
Tgt Ion:105 Resp: 259172
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

Manual Integrations
 APPROVED

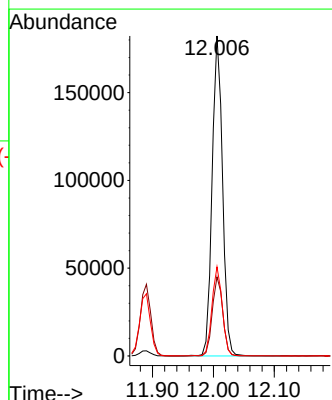
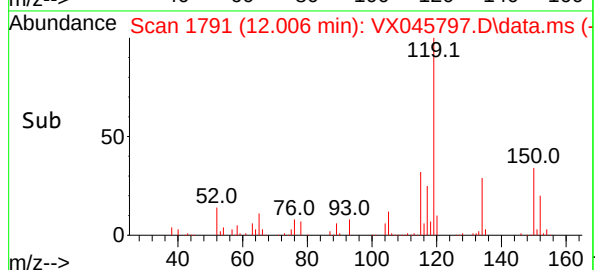
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

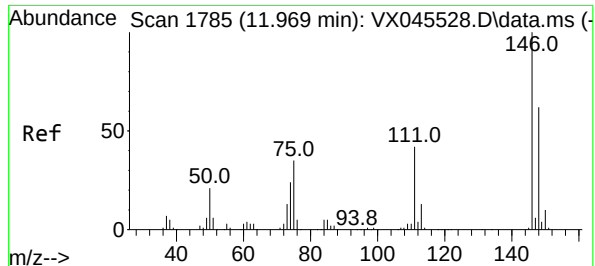


#86
 p-Isopropyltoluene
 Concen: 49.177 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045797.D
 Acq: 16 Apr 2025 09:28



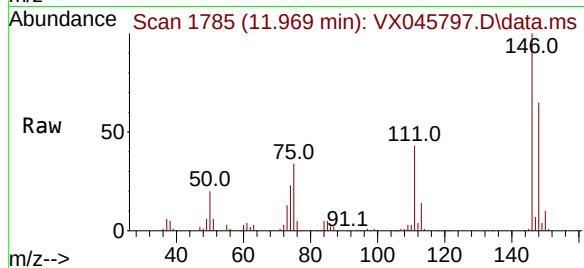
Tgt Ion:119 Resp: 216106
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 27.5 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 48.827 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

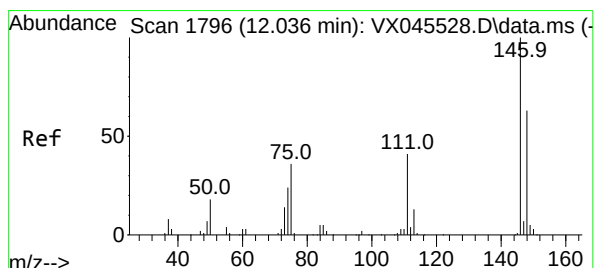
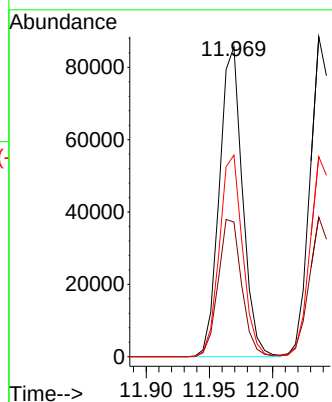
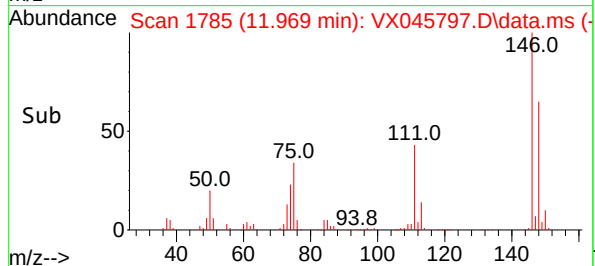
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



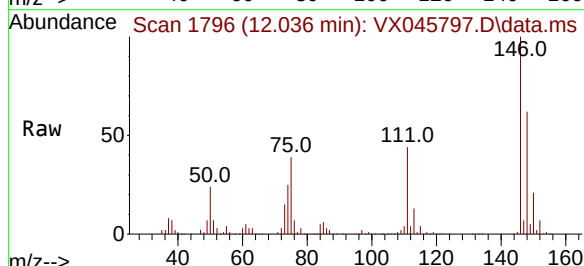
Tgt Ion:146 Resp: 108860
Ion Ratio Lower Upper
146 100
111 45.0 22.2 66.6
148 65.3 31.9 95.7

Manual Integrations
APPROVED

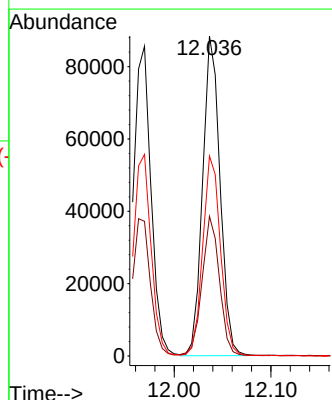
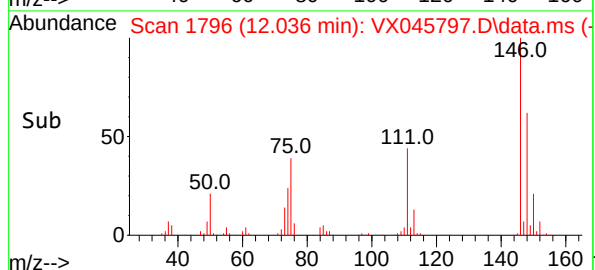
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

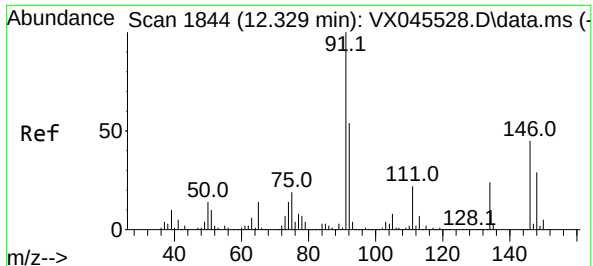


#88
1,4-Dichlorobenzene
Concen: 49.039 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28



Tgt Ion:146 Resp: 110841
Ion Ratio Lower Upper
146 100
111 43.6 20.9 62.8
148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 50.378 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 191979

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.6

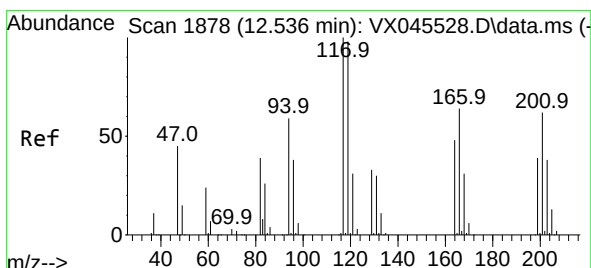
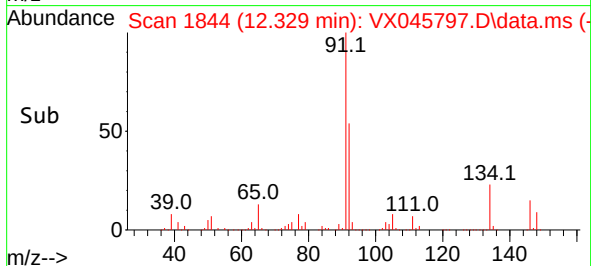
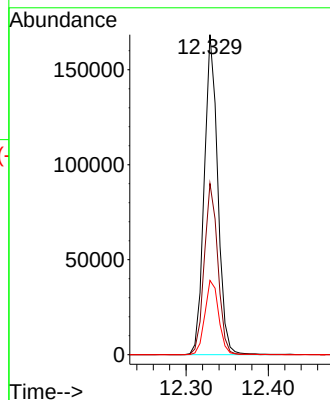
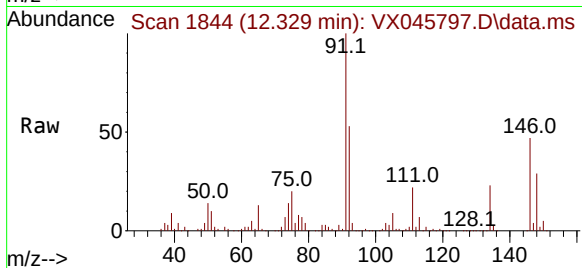
134 23.9 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#90

Hexachloroethane

Concen: 51.353 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045797.D

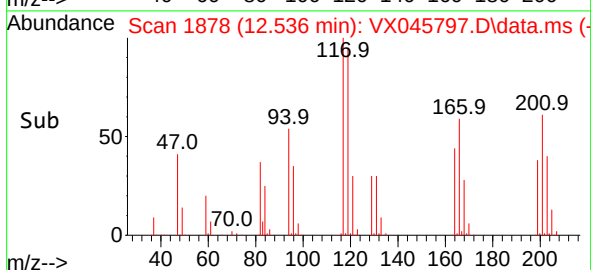
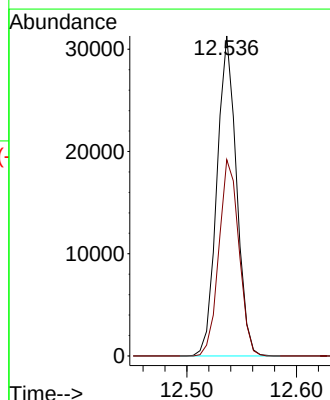
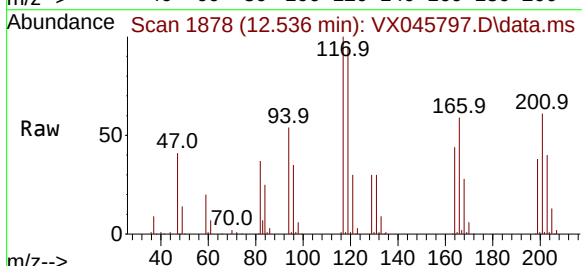
Acq: 16 Apr 2025 09:28

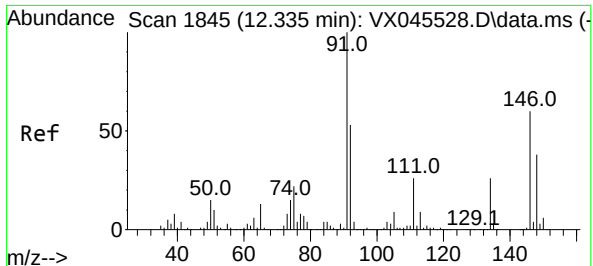
Tgt Ion:117 Resp: 38783

Ion Ratio Lower Upper

117 100

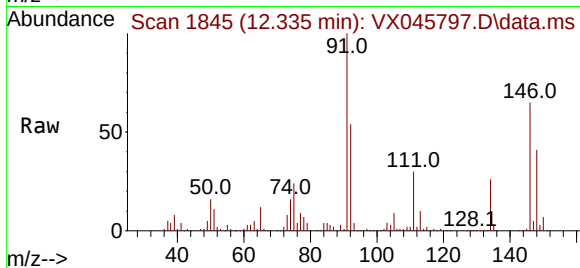
201 62.9 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 50.431 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

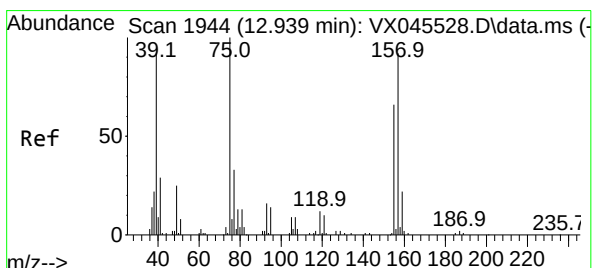
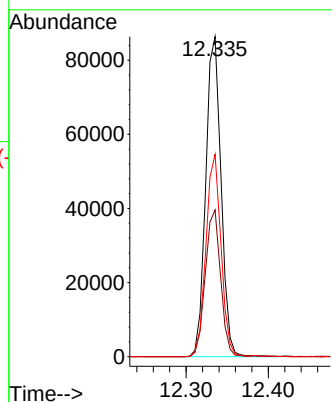
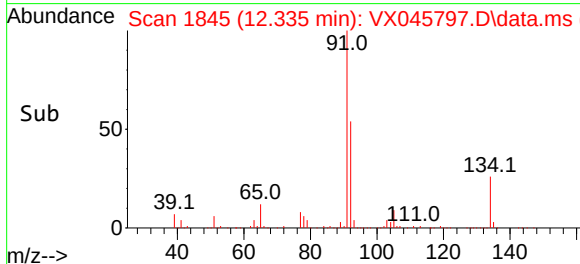
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



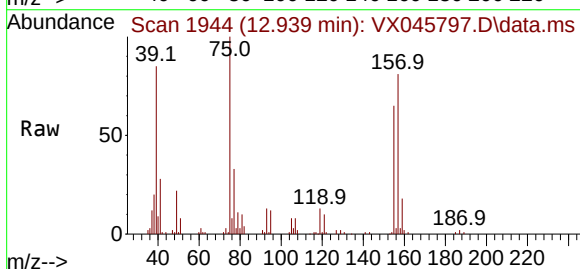
Tgt Ion:146 Resp: 111780
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.8
148 62.2 31.9 95.5

Manual Integrations
APPROVED

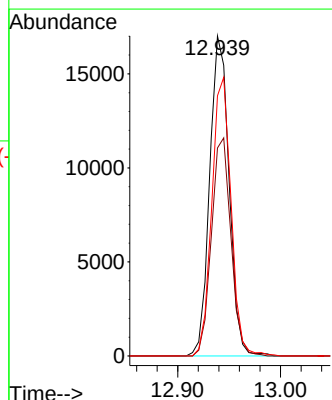
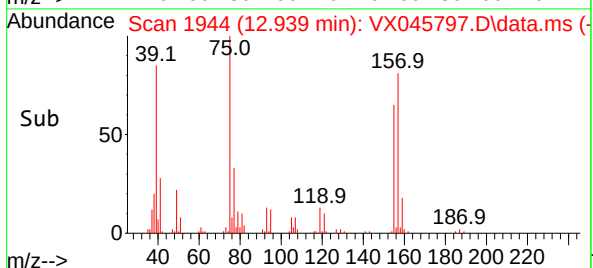
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

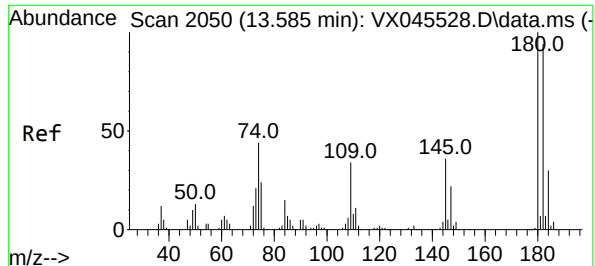


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.185 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28



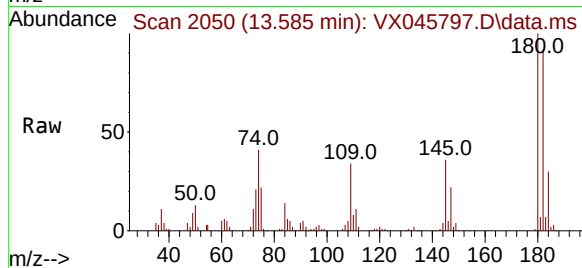
Tgt Ion: 75 Resp: 22270
Ion Ratio Lower Upper
75 100
155 68.6 34.9 104.7
157 86.2 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 54.446 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28

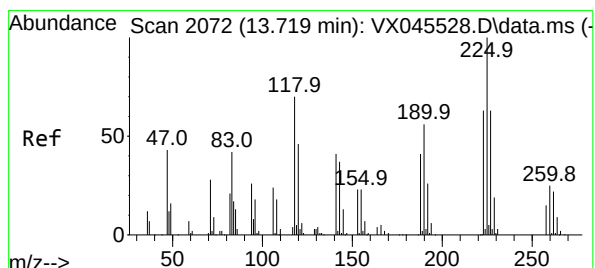
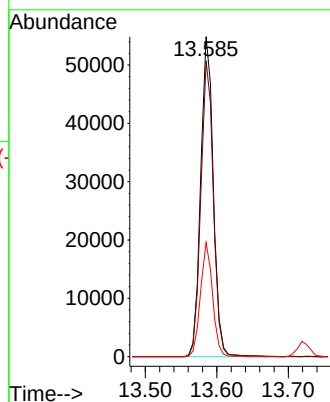
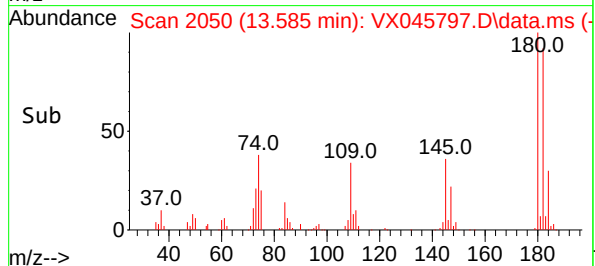
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



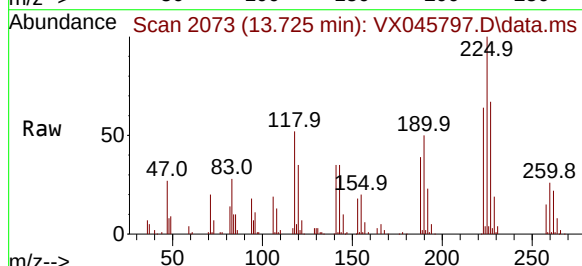
Tgt Ion:180 Resp: 6717
Ion Ratio Lower Upper
180 100
182 92.0 47.9 143.6
145 34.1 17.9 53.8

Manual Integrations
APPROVED

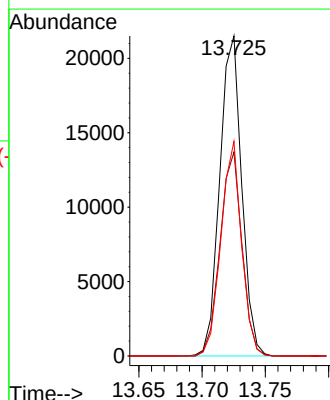
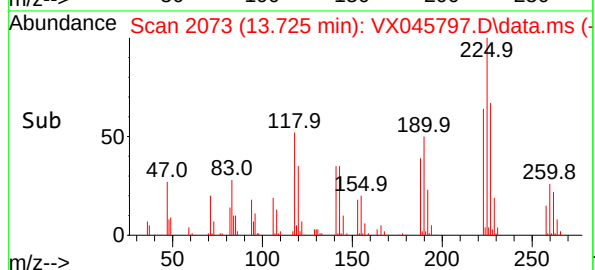
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

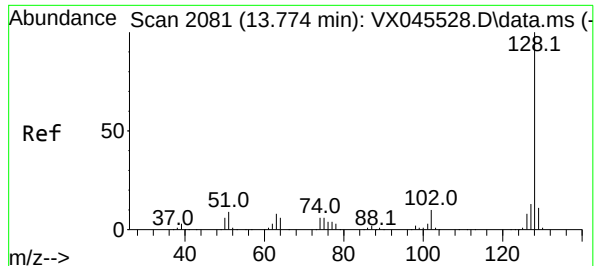


#94
Hexachlorobutadiene
Concen: 48.658 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045797.D
Acq: 16 Apr 2025 09:28



Tgt Ion:225 Resp: 25870
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.3
227 62.9 32.2 96.6





#95

Naphthalene

Concen: 54.274 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 249200

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

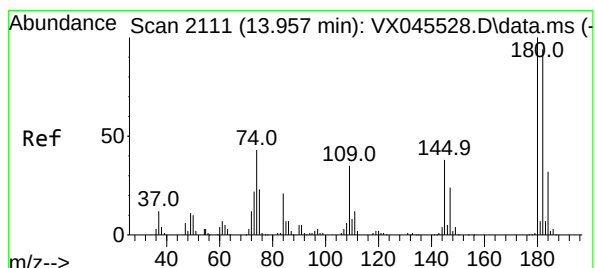
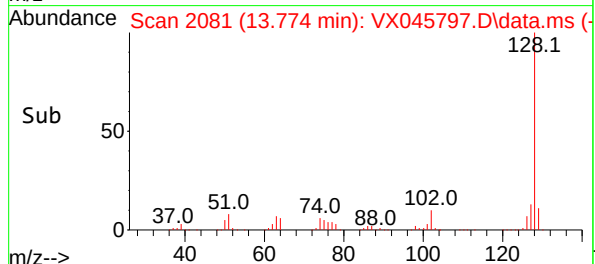
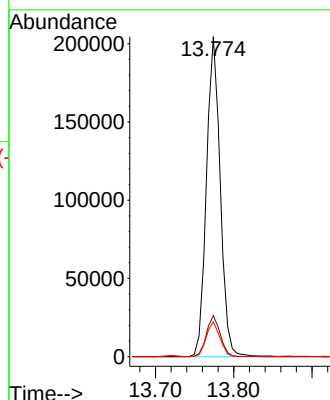
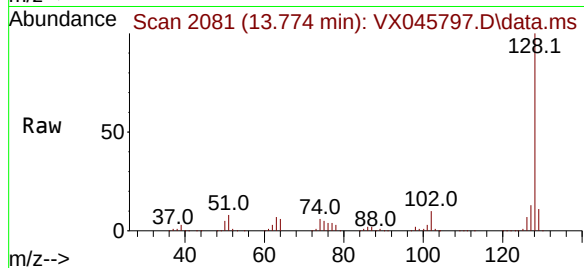
129 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.958 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045797.D

Acq: 16 Apr 2025 09:28

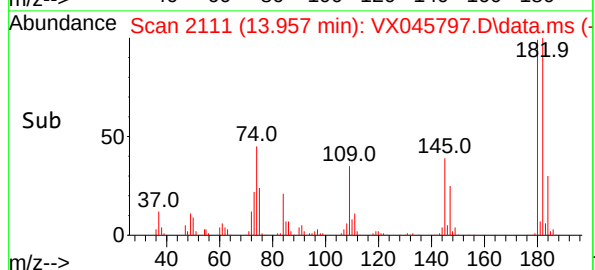
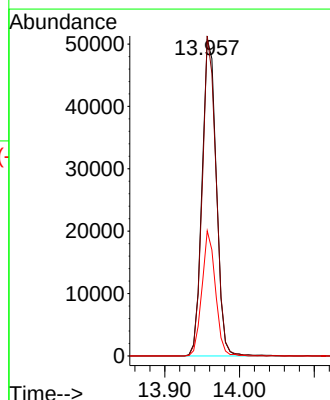
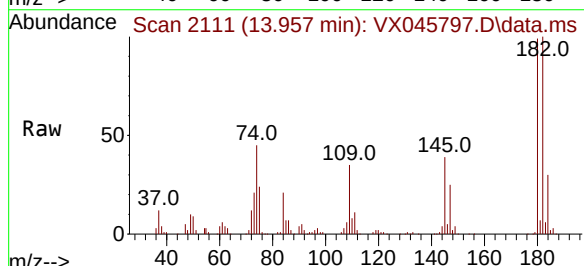
Tgt Ion:180 Resp: 67128

Ion Ratio Lower Upper

180 100

182 97.8 47.3 141.8

145 37.3 18.2 54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045797.D
 Acq On : 16 Apr 2025 09:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 17 01:34:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	90	-0.01
2 T	Dichlorodifluoromethane	0.748	0.663	11.4	72	0.00
3 P	Chloromethane	0.768	0.677	11.8	77	0.00
4 C	Vinyl Chloride	0.703	0.595	15.4#	74	0.00
5 T	Bromomethane	0.333	0.293	12.0	79	0.00
6 T	Chloroethane	0.373	0.366	1.9	82	0.00
7 T	Trichlorofluoromethane	1.048	0.940	10.3	78	0.00
8 T	Diethyl Ether	0.352	0.365	-3.7	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.582	5.2	84	0.00
10 T	Methyl Iodide	0.766	0.730	4.7	82	0.00
11 T	Tert butyl alcohol	0.123	0.137	-11.4	97	0.00
12 CM	1,1-Dichloroethene	0.600	0.535	10.8#	80	0.00
13 T	Acrolein	0.169	0.190	-12.4	102	0.00
14 T	Allyl chloride	1.139	1.163	-2.1	89	0.00
15 T	Acrylonitrile	0.388	0.417	-7.5	92	0.00
16 T	Acetone	0.375	0.392	-4.5	93	0.00
17 T	Carbon Disulfide	1.483	1.154	22.2	67	0.00
18 T	Methyl Acetate	0.864	1.079	-24.9	113	0.00
19 T	Methyl tert-butyl Ether	2.100	2.349	-11.9	99	0.00
20 T	Methylene Chloride	0.703	0.699	0.6	88	0.00
21 T	trans-1,2-Dichloroethene	0.613	0.554	9.6	80	0.00
22 T	Diisopropyl ether	2.243	2.423	-8.0	95	0.00
23 T	Vinyl Acetate	1.938	2.133	-10.1	92	0.00
24 P	1,1-Dichloroethane	1.269	1.261	0.6	89	0.00
25 T	2-Butanone	0.550	0.603	-9.6	92	0.00
26 T	2,2-Dichloropropane	0.820	0.956	-16.6	101	0.00
27 T	cis-1,2-Dichloroethene	0.747	0.744	0.4	89	0.00
28 T	Bromochloromethane	0.613	0.606	1.1	91	0.00
29 T	Tetrahydrofuran	0.356	0.378	-6.2	91	0.00
30 C	Chloroform	1.306	1.328	-1.7#	91	0.00
31 T	Cyclohexane	1.122	0.958	14.6	77	0.00
32 T	1,1,1-Trichloroethane	1.105	1.092	1.2	88	0.00
33 S	1,2-Dichloroethane-d4	0.914	0.994	-8.8	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.355	0.371	-4.5	97	0.00
36 T	1,1-Dichloropropene	0.479	0.436	9.0	82	0.00
37 T	Ethyl Acetate	0.604	0.624	-3.3	91	0.00
38 T	Carbon Tetrachloride	0.518	0.503	2.9	85	0.00
39 T	Methylcyclohexane	0.587	0.530	9.7	77	0.00
40 TM	Benzene	1.463	1.414	3.3	87	0.00
41 T	Methacrylonitrile	0.318	0.363	-14.2	94	0.00
42 TM	1,2-Dichloroethane	0.604	0.654	-8.3	95	0.00
43 T	Isopropyl Acetate	0.915	1.037	-13.3	96	0.00
44 TM	Trichloroethene	0.348	0.334	4.0	86	0.00
45 C	1,2-Dichloropropane	0.365	0.380	-4.1#	92	0.00
46 T	Dibromomethane	0.280	0.297	-6.1	92	0.00
47 T	Bromodichloromethane	0.560	0.603	-7.7	96	0.00
48 T	Methyl methacrylate	0.472	0.544	-15.3	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045797.D
 Acq On : 16 Apr 2025 09:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 17 01:34:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.009	0.009	0.0	89	0.00
50 S	Toluene-d8	1.238	1.235	0.2	92	0.00
51 T	4-Methyl-2-Pentanone	0.606	0.687	-13.4	94	0.00
52 CM	Toluene	0.885	0.862	2.6#	86	0.00
53 T	t-1,3-Dichloropropene	0.467	0.560	-19.9	100	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.608	-15.6	97	0.00
55 T	1,1,2-Trichloroethane	0.353	0.379	-7.4	96	0.00
56 T	Ethyl methacrylate	0.546	0.640	-17.2	97	0.00
57 T	1,3-Dichloropropane	0.614	0.662	-7.8	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.276	0.316	-14.5	96	0.00
59 T	2-Hexanone	0.449	0.503	-12.0	93	0.00
60 T	Dibromochloromethane	0.385	0.443	-15.1	98	0.00
61 T	1,2-Dibromoethane	0.357	0.392	-9.8	95	0.00
62 S	4-Bromofluorobenzene	0.451	0.505	-12.0	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.353	0.315	10.8	83	0.00
65 PM	Chlorobenzene	1.068	1.095	-2.5	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.399	-7.5	98	0.00
67 C	Ethyl Benzene	1.914	1.888	1.4#	86	0.00
68 T	m/p-Xylenes	0.696	0.691	0.7	87	0.00
69 T	o-Xylene	0.686	0.694	-1.2	88	0.00
70 T	Styrene	1.132	1.230	-8.7	92	0.00
71 P	Bromoform	0.277	0.318	-14.8	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	4.005	3.753	6.3	86	0.00
74 T	N-amyl acetate	1.916	2.052	-7.1	96	0.00
75 P	1,1,2,2-Tetrachloroethane	1.407	1.380	1.9	96	0.00
76 T	1,2,3-Trichloropropane	1.220	1.217	0.2	96	0.00
77 T	Bromobenzene	0.925	0.899	2.8	92	0.00
78 T	n-propylbenzene	4.613	4.369	5.3	86	0.00
79 T	2-Chlorotoluene	2.949	2.812	4.6	91	0.00
80 T	1,3,5-Trimethylbenzene	3.312	3.237	2.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.381	-6.1	99	0.00
82 T	4-Chlorotoluene	3.288	3.276	0.4	91	0.00
83 T	tert-Butylbenzene	3.279	3.161	3.6	89	0.00
84 T	1,2,4-Trimethylbenzene	3.324	3.337	-0.4	91	0.00
85 T	sec-Butylbenzene	4.027	3.916	2.8	88	0.00
86 T	p-Isopropyltoluene	3.320	3.266	1.6	89	0.00
87 T	1,3-Dichlorobenzene	1.684	1.645	2.3	93	0.00
88 T	1,4-Dichlorobenzene	1.708	1.675	1.9	95	0.00
89 T	n-Butylbenzene	2.879	2.901	-0.8	88	0.00
90 T	Hexachloroethane	0.571	0.586	-2.6	94	0.00
91 T	1,2-Dichlorobenzene	1.675	1.689	-0.8	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.294	0.337	-14.6	103	0.00
93 T	1,2,4-Trichlorobenzene	0.932	1.015	-8.9	103	0.00
94 T	Hexachlorobutadiene	0.402	0.391	2.7	93	0.00
95 T	Naphthalene	3.469	3.766	-8.6	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045797.D
Acq On : 16 Apr 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 17 01:34:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.976	1.014	-3.9	98	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045797.D
 Acq On : 16 Apr 2025 09:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 17 01:34:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	90	-0.01
2 T	Dichlorodifluoromethane	0.748	0.663	11.4	72	0.00
3 P	Chloromethane	0.768	0.677	11.8	77	0.00
4 C	Vinyl Chloride	0.703	0.595	15.4#	74	0.00
5 T	Bromomethane	0.333	0.293	12.0	79	0.00
6 T	Chloroethane	0.373	0.366	1.9	82	0.00
7 T	Trichlorofluoromethane	1.048	0.940	10.3	78	0.00
8 T	Diethyl Ether	0.352	0.365	-3.7	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.582	5.2	84	0.00
10 T	Methyl Iodide	0.766	0.730	4.7	82	0.00
11 T	Tert butyl alcohol	0.123	0.137	-11.4	97	0.00
12 CM	1,1-Dichloroethene	0.600	0.535	10.8#	80	0.00
13 T	Acrolein	0.169	0.190	-12.4	102	0.00
14 T	Allyl chloride	1.139	1.163	-2.1	89	0.00
15 T	Acrylonitrile	0.388	0.417	-7.5	92	0.00
16 T	Acetone	0.375	0.392	-4.5	93	0.00
17 T	Carbon Disulfide	1.483	1.154	22.2	67	0.00
18 T	Methyl Acetate	0.864	1.079	-24.9	113	0.00
19 T	Methyl tert-butyl Ether	2.100	2.349	-11.9	99	0.00
20 T	Methylene Chloride	0.703	0.699	0.6	88	0.00
21 T	trans-1,2-Dichloroethene	0.613	0.554	9.6	80	0.00
22 T	Diisopropyl ether	2.243	2.423	-8.0	95	0.00
23 T	Vinyl Acetate	1.938	2.133	-10.1	92	0.00
24 P	1,1-Dichloroethane	1.269	1.261	0.6	89	0.00
25 T	2-Butanone	0.550	0.603	-9.6	92	0.00
26 T	2,2-Dichloropropane	0.820	0.956	-16.6	101	0.00
27 T	cis-1,2-Dichloroethene	0.747	0.744	0.4	89	0.00
28 T	Bromochloromethane	0.613	0.606	1.1	91	0.00
29 T	Tetrahydrofuran	0.356	0.378	-6.2	91	0.00
30 C	Chloroform	1.306	1.328	-1.7#	91	0.00
31 T	Cyclohexane	1.122	0.958	14.6	77	0.00
32 T	1,1,1-Trichloroethane	1.105	1.092	1.2	88	0.00
33 S	1,2-Dichloroethane-d4	0.914	0.994	-8.8	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.355	0.371	-4.5	97	0.00
36 T	1,1-Dichloropropene	0.479	0.436	9.0	82	0.00
37 T	Ethyl Acetate	0.604	0.624	-3.3	91	0.00
38 T	Carbon Tetrachloride	0.518	0.503	2.9	85	0.00
39 T	Methylcyclohexane	0.587	0.530	9.7	77	0.00
40 TM	Benzene	1.463	1.414	3.3	87	0.00
41 T	Methacrylonitrile	0.318	0.363	-14.2	94	0.00
42 TM	1,2-Dichloroethane	0.604	0.654	-8.3	95	0.00
43 T	Isopropyl Acetate	0.915	1.037	-13.3	96	0.00
44 TM	Trichloroethene	0.348	0.334	4.0	86	0.00
45 C	1,2-Dichloropropane	0.365	0.380	-4.1#	92	0.00
46 T	Dibromomethane	0.280	0.297	-6.1	92	0.00
47 T	Bromodichloromethane	0.560	0.603	-7.7	96	0.00
48 T	Methyl methacrylate	0.472	0.544	-15.3	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045797.D
 Acq On : 16 Apr 2025 09:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 17 01:34:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.009	0.009	0.0	89	0.00
50 S	Toluene-d8	1.238	1.235	0.2	92	0.00
51 T	4-Methyl-2-Pentanone	0.606	0.687	-13.4	94	0.00
52 CM	Toluene	0.885	0.862	2.6#	86	0.00
53 T	t-1,3-Dichloropropene	0.467	0.560	-19.9	100	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.608	-15.6	97	0.00
55 T	1,1,2-Trichloroethane	0.353	0.379	-7.4	96	0.00
56 T	Ethyl methacrylate	0.546	0.640	-17.2	97	0.00
57 T	1,3-Dichloropropane	0.614	0.662	-7.8	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.276	0.316	-14.5	96	0.00
59 T	2-Hexanone	0.449	0.503	-12.0	93	0.00
60 T	Dibromochloromethane	0.385	0.443	-15.1	98	0.00
61 T	1,2-Dibromoethane	0.357	0.392	-9.8	95	0.00
62 S	4-Bromofluorobenzene	0.451	0.505	-12.0	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.353	0.315	10.8	83	0.00
65 PM	Chlorobenzene	1.068	1.095	-2.5	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.399	-7.5	98	0.00
67 C	Ethyl Benzene	1.914	1.888	1.4#	86	0.00
68 T	m/p-Xylenes	0.696	0.691	0.7	87	0.00
69 T	o-Xylene	0.686	0.694	-1.2	88	0.00
70 T	Styrene	1.132	1.230	-8.7	92	0.00
71 P	Bromoform	0.277	0.318	-14.8	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	4.005	3.753	6.3	86	0.00
74 T	N-amyl acetate	1.916	2.052	-7.1	96	0.00
75 P	1,1,2,2-Tetrachloroethane	1.407	1.380	1.9	96	0.00
76 T	1,2,3-Trichloropropane	1.220	1.217	0.2	96	0.00
77 T	Bromobenzene	0.925	0.899	2.8	92	0.00
78 T	n-propylbenzene	4.613	4.369	5.3	86	0.00
79 T	2-Chlorotoluene	2.949	2.812	4.6	91	0.00
80 T	1,3,5-Trimethylbenzene	3.312	3.237	2.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.381	-6.1	99	0.00
82 T	4-Chlorotoluene	3.288	3.276	0.4	91	0.00
83 T	tert-Butylbenzene	3.279	3.161	3.6	89	0.00
84 T	1,2,4-Trimethylbenzene	3.324	3.337	-0.4	91	0.00
85 T	sec-Butylbenzene	4.027	3.916	2.8	88	0.00
86 T	p-Isopropyltoluene	3.320	3.266	1.6	89	0.00
87 T	1,3-Dichlorobenzene	1.684	1.645	2.3	93	0.00
88 T	1,4-Dichlorobenzene	1.708	1.675	1.9	95	0.00
89 T	n-Butylbenzene	2.879	2.901	-0.8	88	0.00
90 T	Hexachloroethane	0.571	0.586	-2.6	94	0.00
91 T	1,2-Dichlorobenzene	1.675	1.689	-0.8	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.294	0.337	-14.6	103	0.00
93 T	1,2,4-Trichlorobenzene	0.932	1.015	-8.9	103	0.00
94 T	Hexachlorobutadiene	0.402	0.391	2.7	93	0.00
95 T	Naphthalene	3.469	3.766	-8.6	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045797.D
Acq On : 16 Apr 2025 09:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 17 01:34:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.976	1.014	-3.9	98	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6



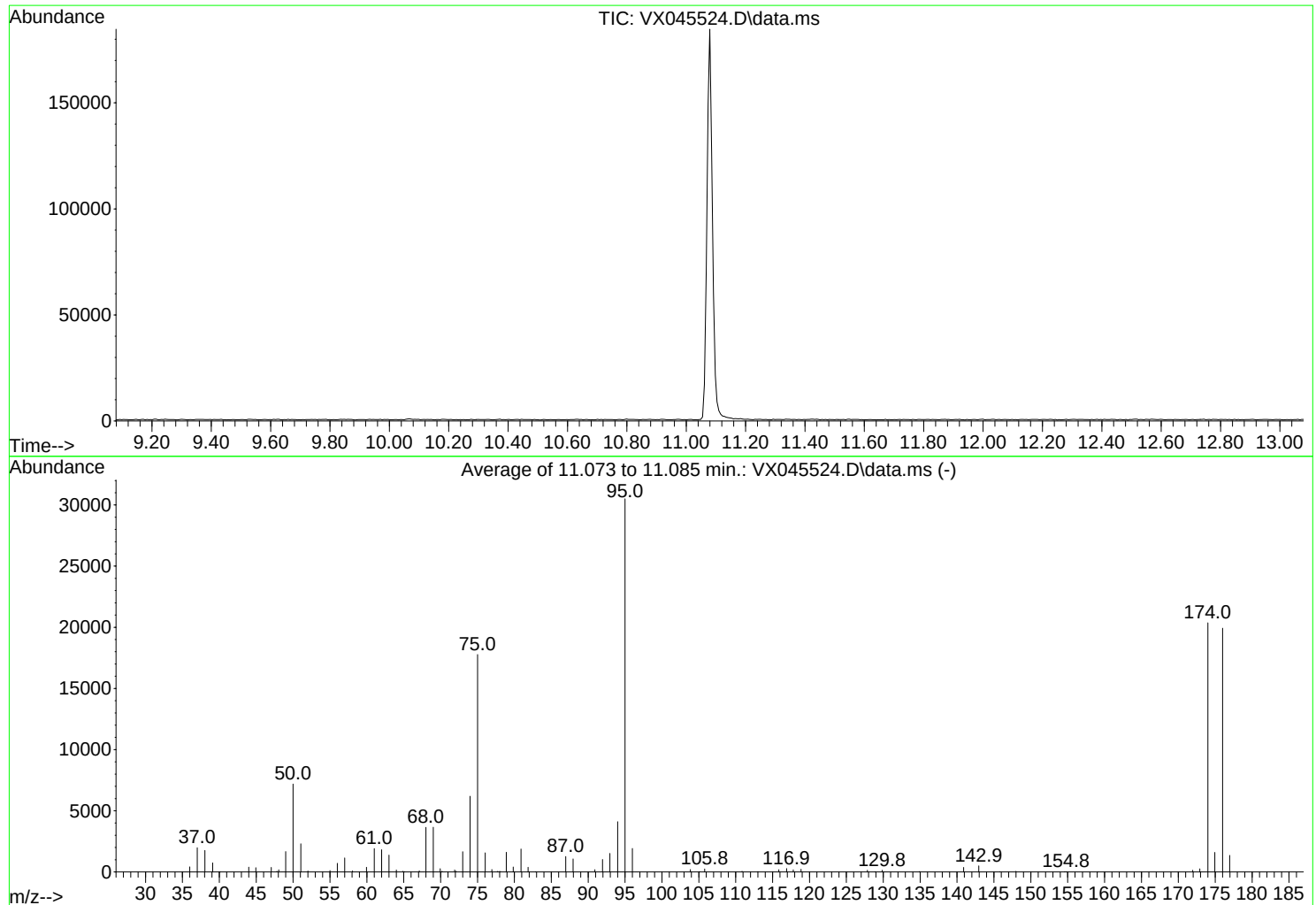
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045524.D
Acq On : 01 Apr 2025 16:15
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

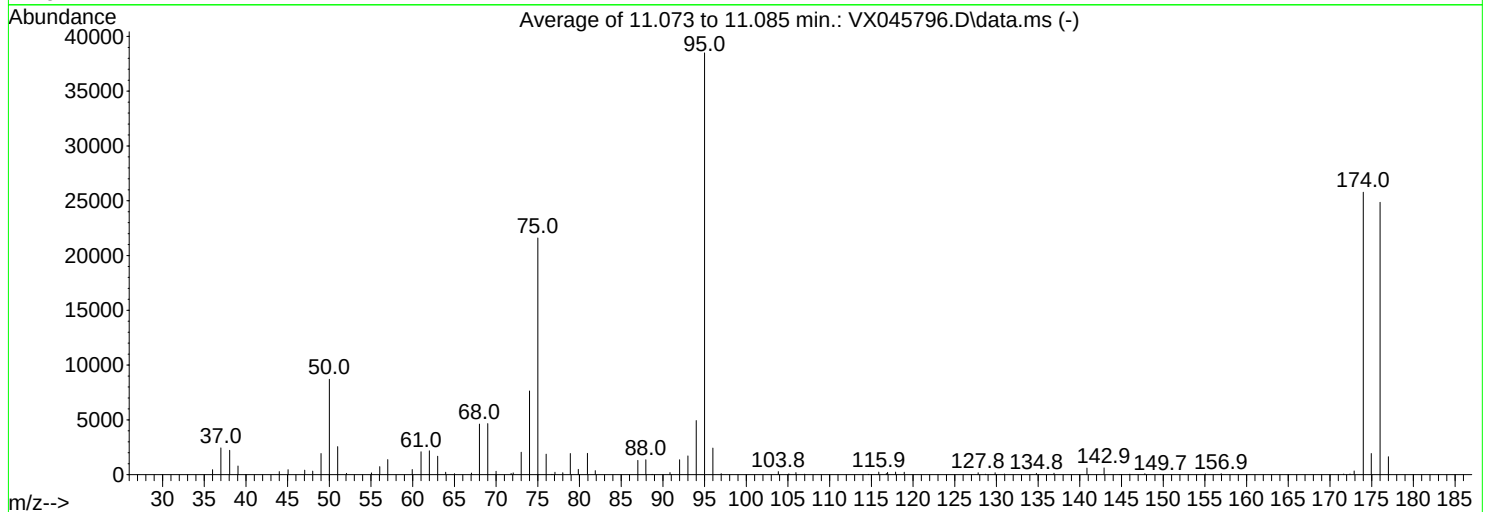
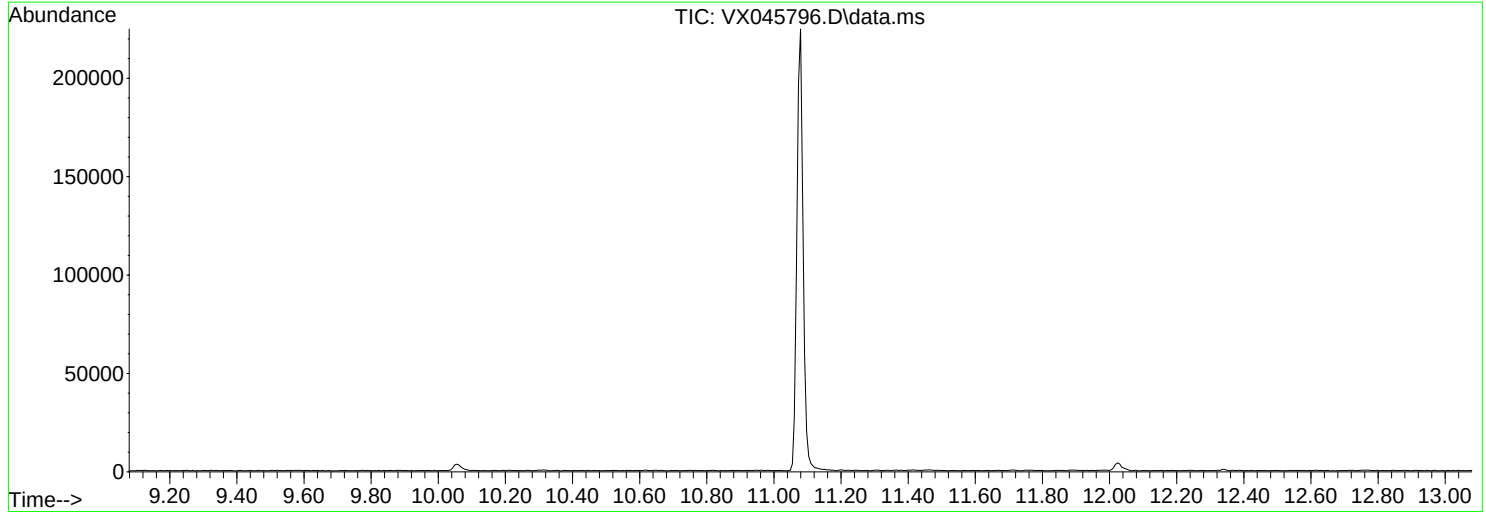
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.6	7184	PASS
75	95	30	60	58.2	17768	PASS
95	95	100	100	100.0	30504	PASS
96	95	5	9	6.3	1916	PASS
173	174	0.00	2	1.2	253	PASS
174	95	50	100	66.8	20365	PASS
175	174	5	9	7.8	1596	PASS
176	174	95	101	97.8	19923	PASS
177	176	5	9	6.8	1352	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045796.D
Acq On : 16 Apr 2025 08:26
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	8703	PASS
75	95	30	60	56.1	21597	PASS
95	95	100	100	100.0	38499	PASS
96	95	5	9	6.3	2426	PASS
173	174	0.00	2	1.3	341	PASS
174	95	50	100	67.0	25776	PASS
175	174	5	9	7.5	1933	PASS
176	174	95	101	96.5	24861	PASS
177	176	5	9	6.6	1642	PASS

Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VX0416WBL01	SDG No.:	Q1803
Lab Sample ID:	VX0416WBL01	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045799.D	1		04/16/25 11:47	VX041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.0		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	72500	5.544			
540-36-3	1,4-Difluorobenzene	142000	6.757			
3114-55-4	Chlorobenzene-d5	129000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	56300	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\VX041625\
 Data File : VX045799.D
 Acq On : 16 Apr 2025 11:47
 Operator : JC/MD
 Sample : VX0416WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBL01

Quant Time: Apr 17 01:35:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	72471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56266	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70188	52.960	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.920%
35) Dibromofluoromethane	5.379	113	50855	50.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	8.647	98	174406	49.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	11.079	95	66459	51.937	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.880%

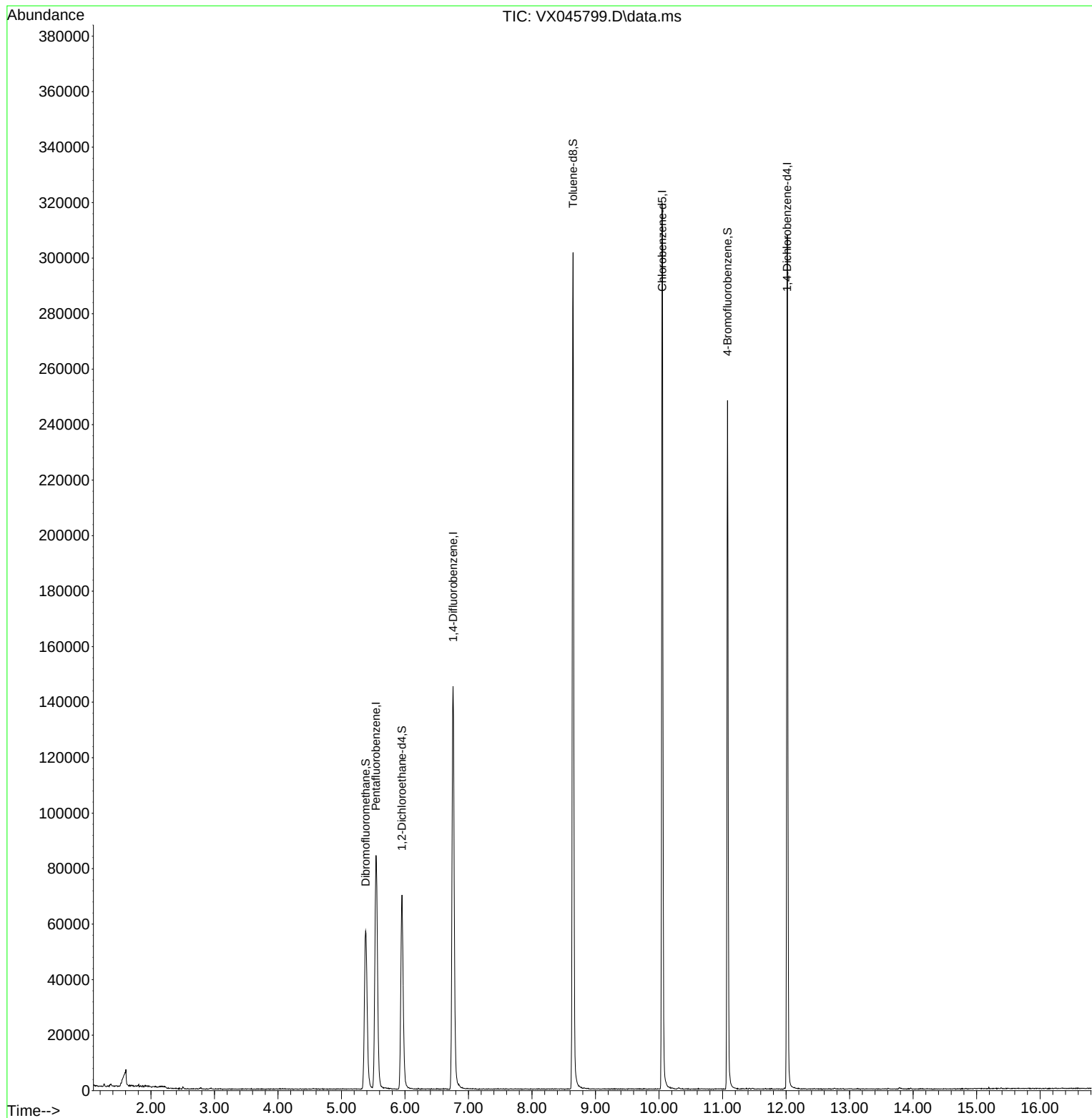
Target Compounds	Qvalue

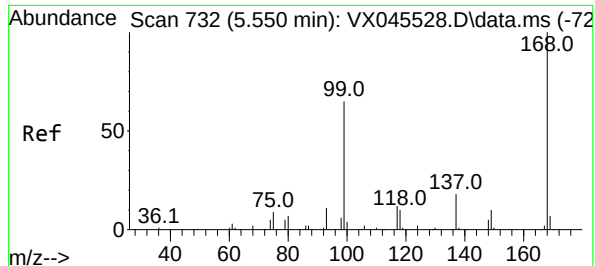
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045799.D
Acq On : 16 Apr 2025 11:47
Operator : JC/MD
Sample : VX0416WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBL01

Quant Time: Apr 17 01:35:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

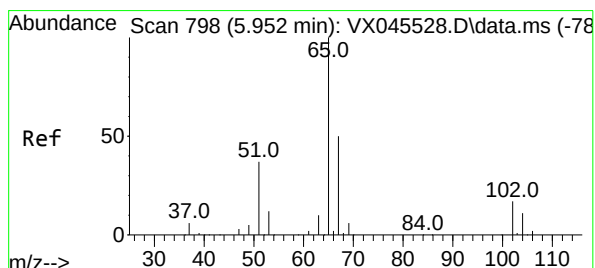
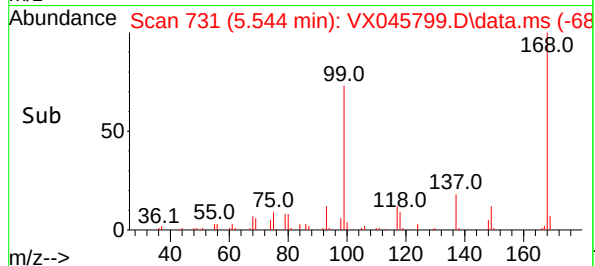
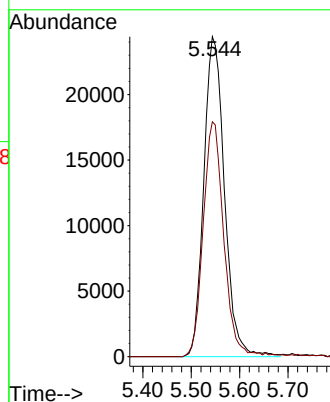
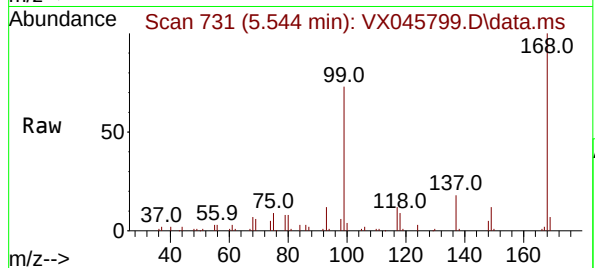




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

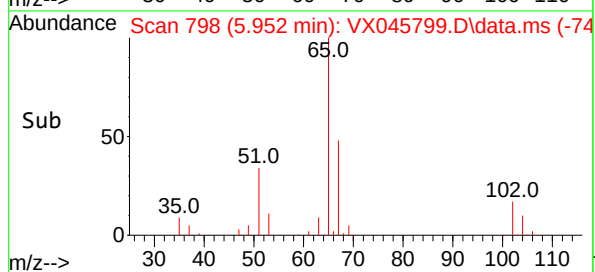
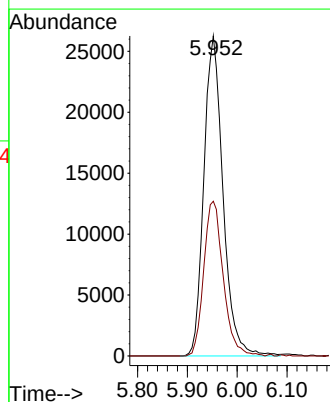
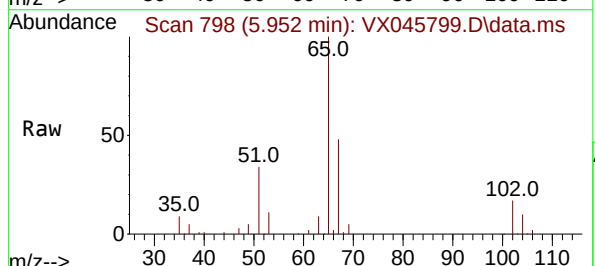
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBL01

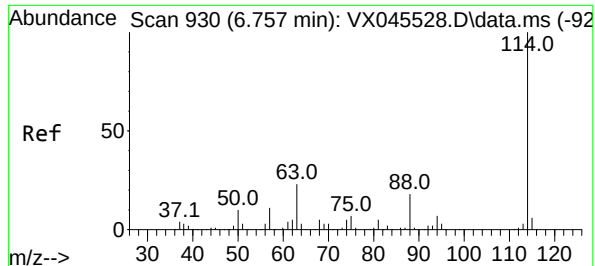
Tgt Ion:168 Resp: 72471
Ion Ratio Lower Upper
168 100
99 73.4 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 52.960 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

Tgt Ion: 65 Resp: 70188
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX045799.D

Acq: 16 Apr 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBL01

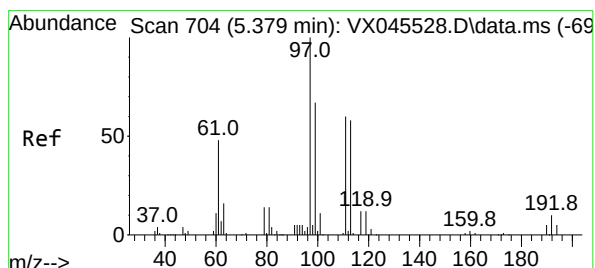
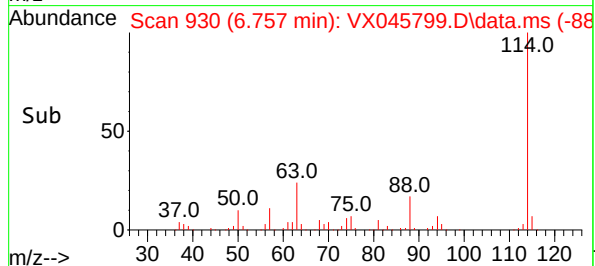
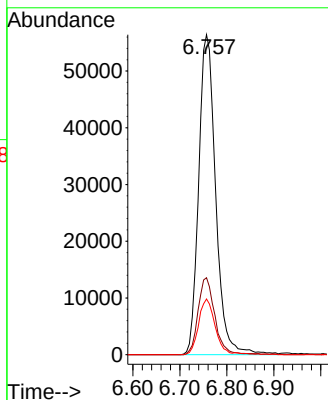
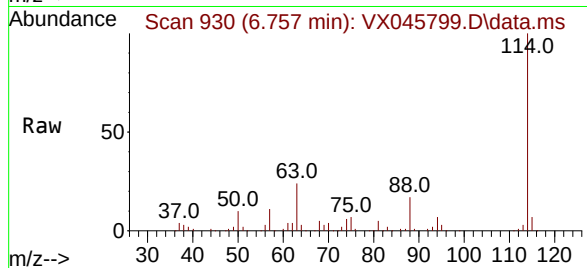
Tgt Ion:114 Resp: 141858

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.8

88 17.4 0.0 35.4



#35

Dibromofluoromethane

Concen: 50.527 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045799.D

Acq: 16 Apr 2025 11:47

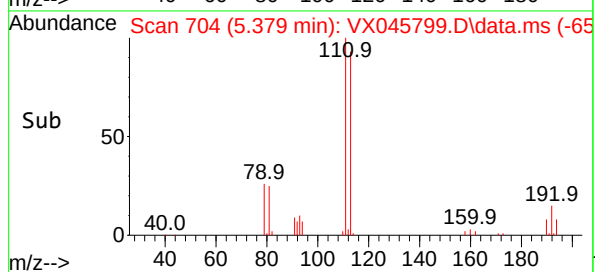
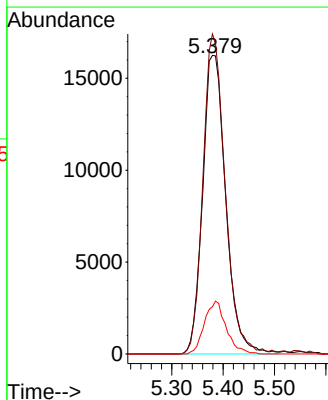
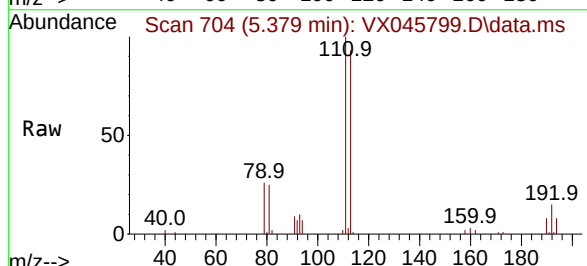
Tgt Ion:113 Resp: 50855

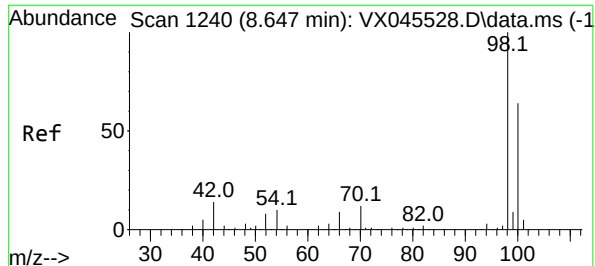
Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

192 16.6 13.8 20.6





#50

Toluene-d8

Concen: 49.646 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045799.D

Acq: 16 Apr 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

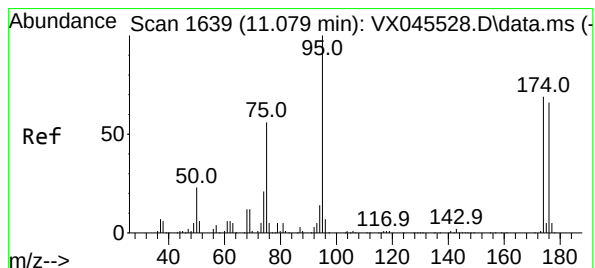
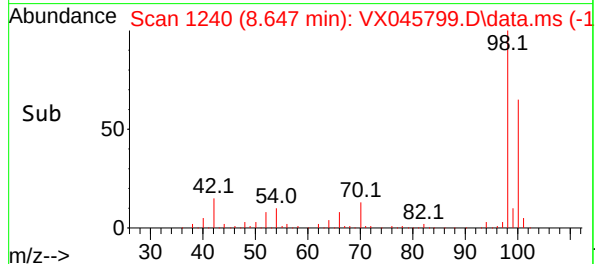
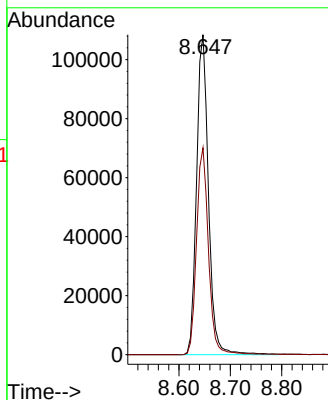
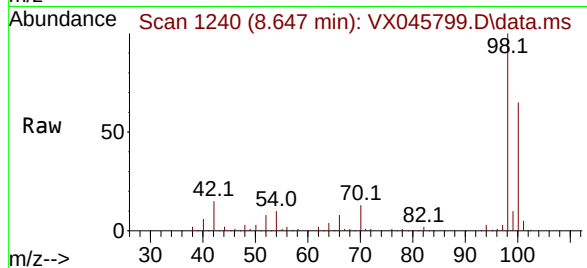
VX0416WBL01

Tgt Ion: 98 Resp: 174406

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 51.937 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045799.D

Acq: 16 Apr 2025 11:47

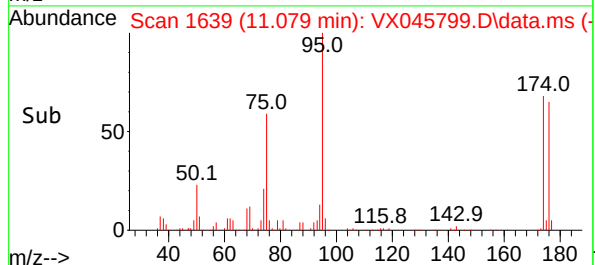
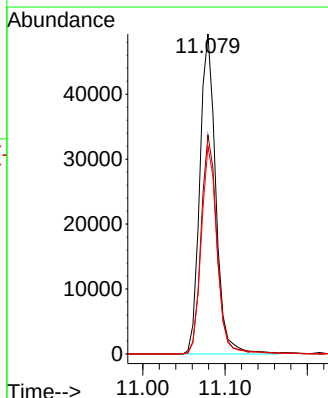
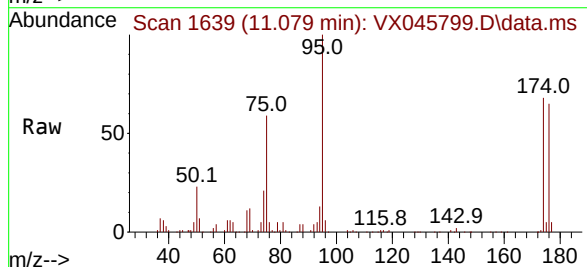
Tgt Ion: 95 Resp: 66459

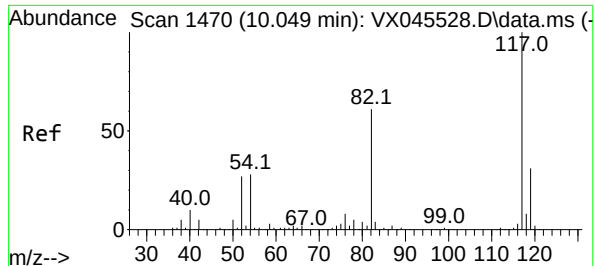
Ion Ratio Lower Upper

95 100

174 68.5 0.0 135.8

176 64.9 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: VX045799.D

Acq: 16 Apr 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBL01

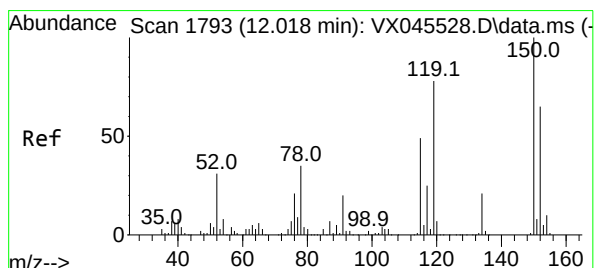
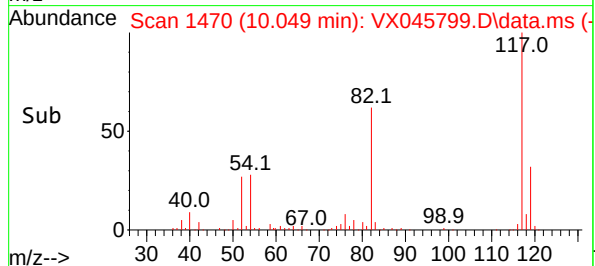
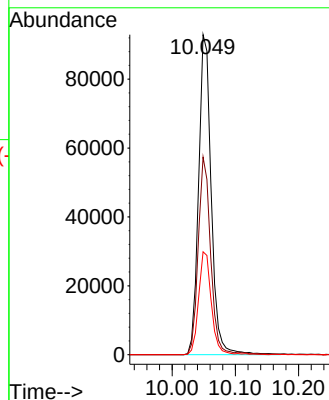
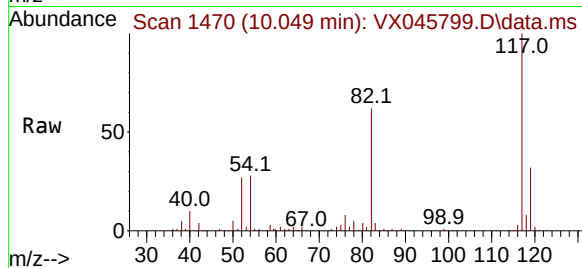
Tgt Ion:117 Resp: 129459

Ion Ratio Lower Upper

117 100

82 61.8 49.2 73.8

119 32.2 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045799.D

Acq: 16 Apr 2025 11:47

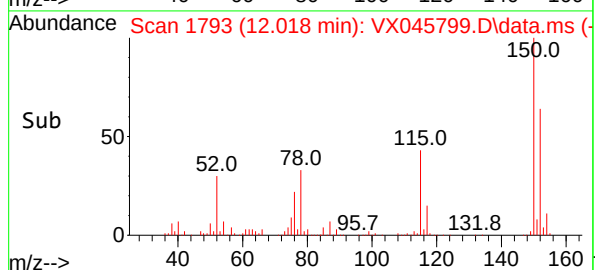
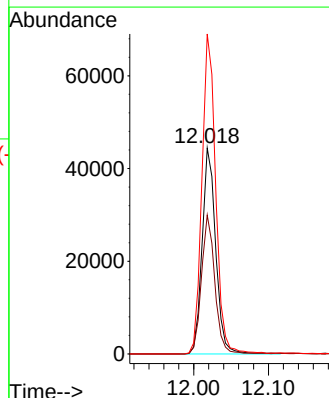
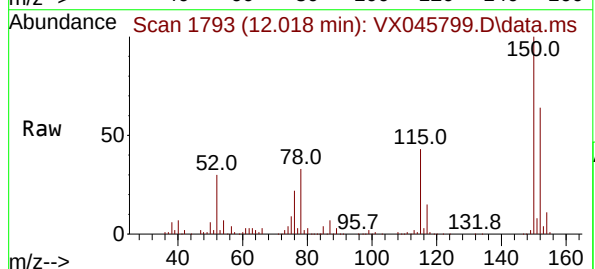
Tgt Ion:152 Resp: 56266

Ion Ratio Lower Upper

152 100

115 66.4 46.9 140.7

150 157.0 0.0 349.4



Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VX0416WBS01	SDG No.:	Q1803
Lab Sample ID:	VX0416WBS01	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045800.D	1		04/16/25 12:11	VX041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	17.8		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
78-93-3	2-Butanone	98.8		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.9		0.25	1.00	ug/L
67-66-3	Chloroform	19.7		0.25	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.3		0.090	1.00	ug/L
127-18-4	Tetrachloroethene	19.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	51.6		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.2		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	91300	5.544			
540-36-3	1,4-Difluorobenzene	163000	6.757			
3114-55-4	Chlorobenzene-d5	145000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	66600	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\VX041625\
 Data File : VX045800.D
 Acq On : 16 Apr 2025 12:11
 Operator : JC/MD
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	91256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89259	53.486	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.980%			
35) Dibromofluoromethane	5.379	113	60634	52.390	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.780%			
50) Toluene-d8	8.647	98	208286	51.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.120%			
62) 4-Bromofluorobenzene	11.079	95	79824	54.249	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26223	19.215	ug/l	97
3) Chloromethane	1.301	50	24106	17.194	ug/l	100
4) Vinyl Chloride	1.374	62	22830	17.793	ug/l	97
5) Bromomethane	1.593	94	10735	17.645	ug/l	100
6) Chloroethane	1.666	64	13251	19.465	ug/l	97
7) Trichlorofluoromethane	1.874	101	37615	19.659	ug/l	100
8) Diethyl Ether	2.130	74	12179	18.960	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	22629	20.183	ug/l	97
10) Methyl Iodide	2.447	142	24390	17.441	ug/l	99
11) Tert butyl alcohol	2.971	59	22536	100.482	ug/l	100
12) 1,1-Dichloroethene	2.313	96	20145	18.388	ug/l	99
13) Acrolein	2.233	56	22864	74.030	ug/l	99
14) Allyl chloride	2.654	41	41079	19.762	ug/l	99
15) Acrylonitrile	3.062	53	68066	96.143	ug/l	99
16) Acetone	2.386	43	64882	94.681	ug/l	98
17) Carbon Disulfide	2.502	76	40473	14.958	ug/l	98
18) Methyl Acetate	2.703	43	37513	23.776	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	78318	20.436	ug/l	100
20) Methylene Chloride	2.782	84	24113	18.796	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	20286	18.125	ug/l	97
22) Diisopropyl ether	3.764	45	81859	19.992	ug/l	99
23) Vinyl Acetate	3.721	43	339728	96.030	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44275	19.120	ug/l	99
25) 2-Butanone	4.562	43	99057	98.751	ug/l	99
26) 2,2-Dichloropropane	4.465	77	33716	22.535	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	26190	19.207	ug/l	96
28) Bromochloromethane	4.891	49	22857	20.426	ug/l	98
29) Tetrahydrofuran	5.001	42	63198	97.177	ug/l	99
30) Chloroform	5.087	83	47018	19.733	ug/l	99
31) Cyclohexane	5.465	56	38188	18.654	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	40463	20.069	ug/l	100
36) 1,1-Dichloropropene	5.690	75	28998	18.557	ug/l	99
37) Ethyl Acetate	4.715	43	36476	18.523	ug/l	97
38) Carbon Tetrachloride	5.666	117	33560	19.871	ug/l	95
39) Methylcyclohexane	7.373	83	36471	19.040	ug/l	94
40) Benzene	6.031	78	90157	18.891	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045800.D
 Acq On : 16 Apr 2025 12:11
 Operator : JC/MD
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21777	20.959	ug/l	96
42) 1,2-Dichloroethane	6.086	62	40085	20.336	ug/l	100
43) Isopropyl Acetate	6.342	43	59835	20.047	ug/l	99
44) Trichloroethene	7.123	130	21854	19.266	ug/l	97
45) 1,2-Dichloropropane	7.428	63	22835	19.176	ug/l	96
46) Dibromomethane	7.580	93	17700	19.363	ug/l	96
47) Bromodichloromethane	7.818	83	35805	19.614	ug/l	99
48) Methyl methacrylate	7.690	41	30857	20.023	ug/l	97
49) 1,4-Dioxane	7.659	88	11317	405.891	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	205623	103.922	ug/l	100
52) Toluene	8.714	92	55575	19.244	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30071	18.634	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34942	20.369	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	23308	20.254	ug/l	95
56) Ethyl methacrylate	9.116	69	36340	20.405	ug/l	98
57) 1,3-Dichloropropane	9.305	76	40377	20.149	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	85031	94.380	ug/l	99
59) 2-Hexanone	9.427	43	151213	103.202	ug/l	100
60) Dibromochloromethane	9.519	129	25122	20.024	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23511	20.182	ug/l	98
64) Tetrachloroethene	9.269	164	19633	19.227	ug/l	94
65) Chlorobenzene	10.080	112	59838	19.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21536	20.072	ug/l	98
67) Ethyl Benzene	10.189	91	108314	19.569	ug/l	99
68) m/p-Xylenes	10.299	106	78456	38.972	ug/l	97
69) o-Xylene	10.640	106	39382	19.858	ug/l	100
70) Styrene	10.653	104	64978	19.852	ug/l	99
71) Bromoform	10.799	173	15526	19.380	ug/l #	97
73) Isopropylbenzene	10.957	105	103860	19.471	ug/l	100
74) N-amyl acetate	10.842	43	50004	19.598	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	36361	19.405	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31787m	19.570	ug/l	
77) Bromobenzene	11.195	156	23662	19.199	ug/l	99
78) n-propylbenzene	11.305	91	119070	19.380	ug/l	100
79) 2-Chlorotoluene	11.360	91	76695	19.526	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	87621	19.865	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8601	17.971	ug/l	95
82) 4-Chlorotoluene	11.451	91	85739	19.578	ug/l	99
83) tert-Butylbenzene	11.713	119	87028	19.929	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	88156	19.913	ug/l	99
85) sec-Butylbenzene	11.890	105	107627	20.067	ug/l	99
86) p-Isopropyltoluene	12.006	119	88318	19.973	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43357	19.326	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	43462	19.110	ug/l	96
89) n-Butylbenzene	12.329	91	73529	19.176	ug/l	100
90) Hexachloroethane	12.536	117	14606	19.220	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	43884	19.675	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8271	21.106	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	24532	19.760	ug/l	97
94) Hexachlorobutadiene	13.725	225	10725	20.047	ug/l	99
95) Naphthalene	13.774	128	90877	19.670	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24818	19.090	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045800.D
Acq On : 16 Apr 2025 12:11
Operator : JC/MD
Sample : VX0416WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

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

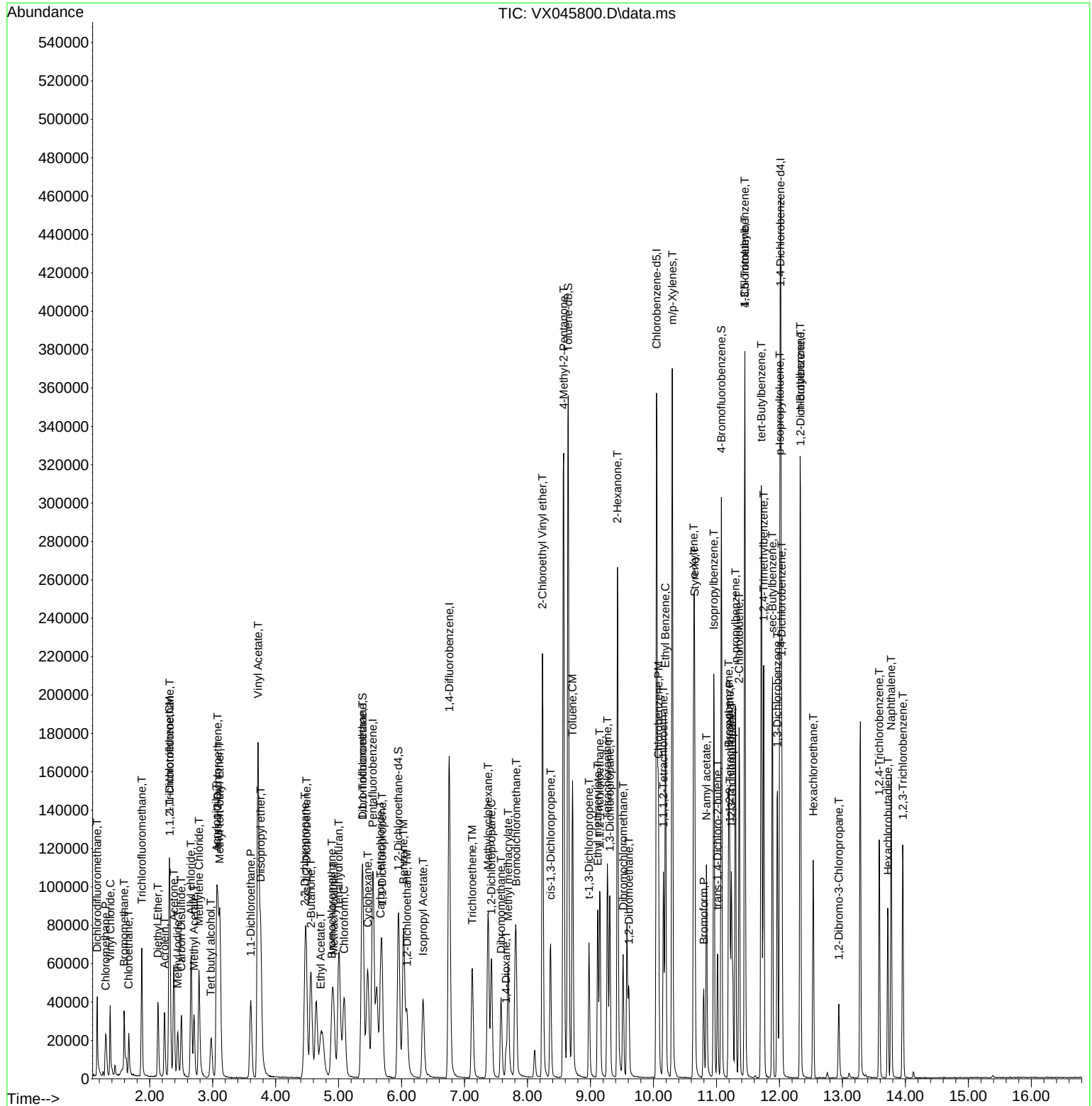
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Data File : VX045800.D
Acq On : 16 Apr 2025 12:11
Operator : JC/MD
Sample : VX0416WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

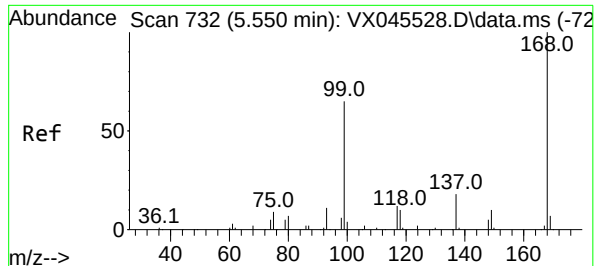
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration





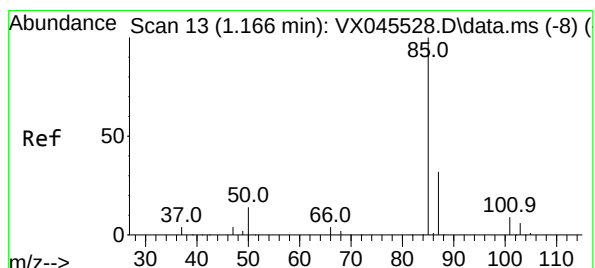
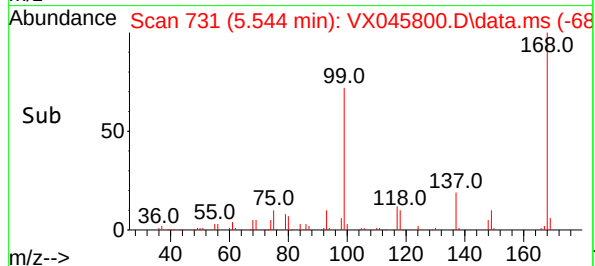
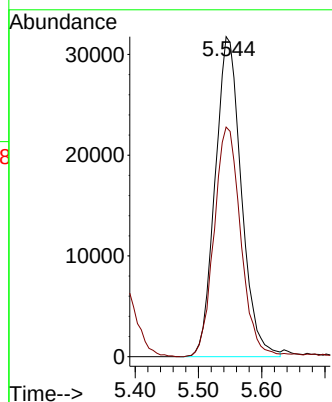
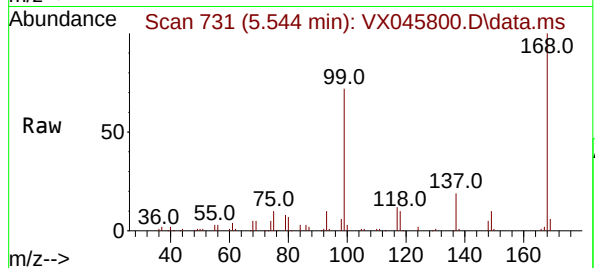
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion:168 Resp: 91250
Ion Ratio Lower Upper
168 100
99 71.8 52.3 78.5

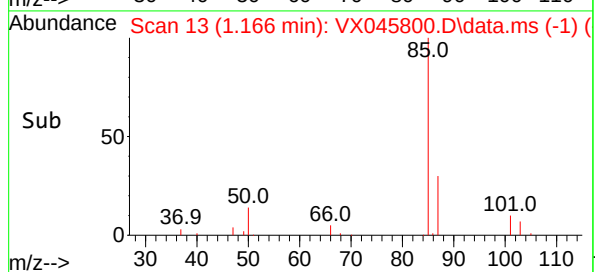
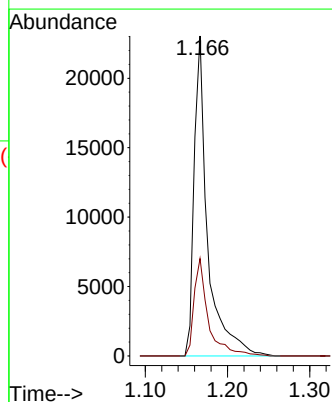
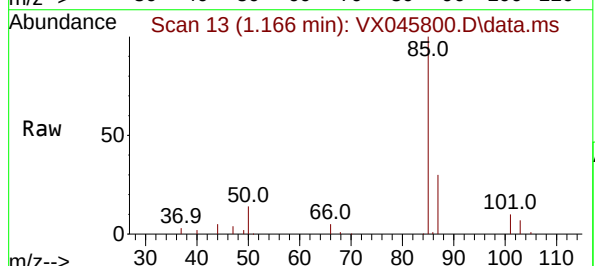
Manual Integrations
APPROVED

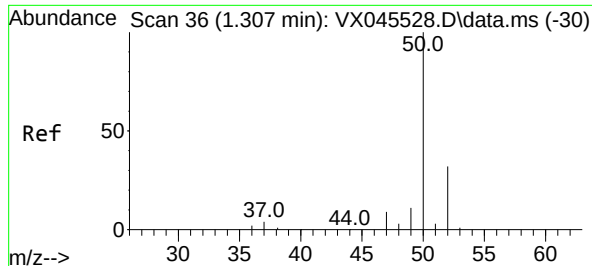
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#2
Dichlorodifluoromethane
Concen: 19.215 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 85 Resp: 26223
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.2





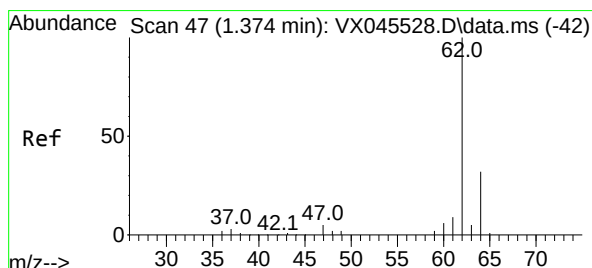
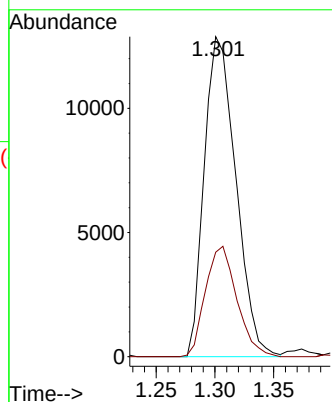
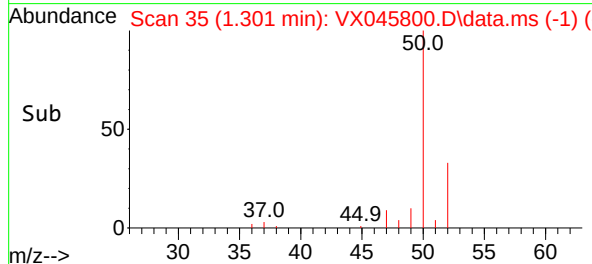
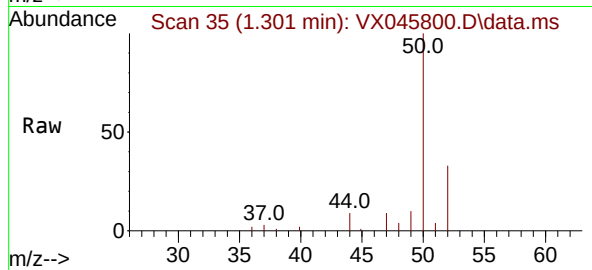
#3
Chloromethane
Concen: 17.194 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 50 Resp: 24100
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

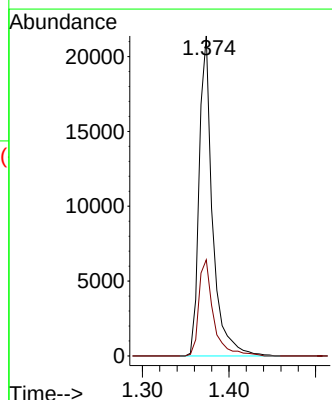
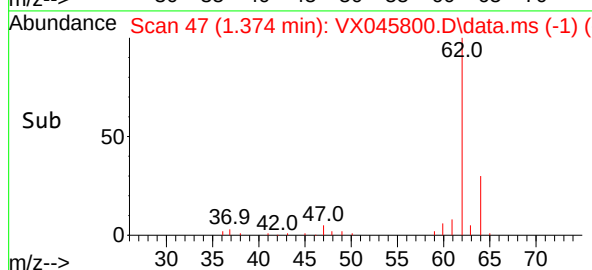
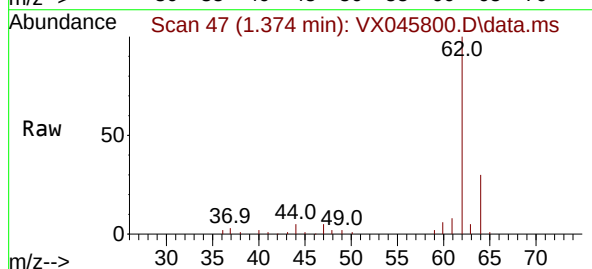
Manual Integrations
APPROVED

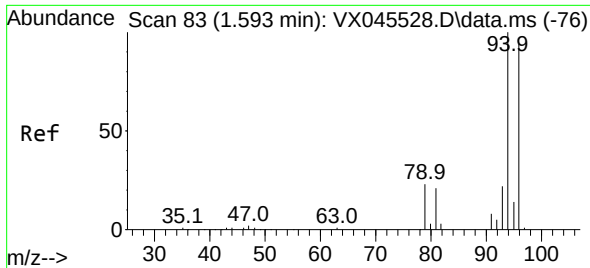
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#4
Vinyl Chloride
Concen: 17.793 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

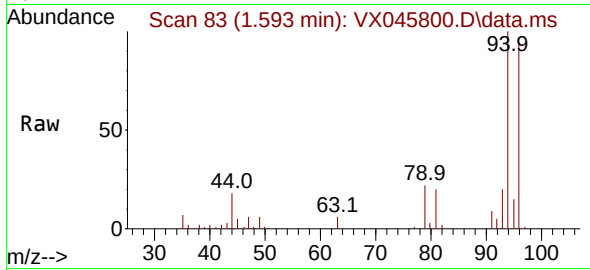
Tgt Ion: 62 Resp: 22830
Ion Ratio Lower Upper
62 100
64 30.1 25.5 38.3





#5
Bromomethane
Concen: 17.645 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

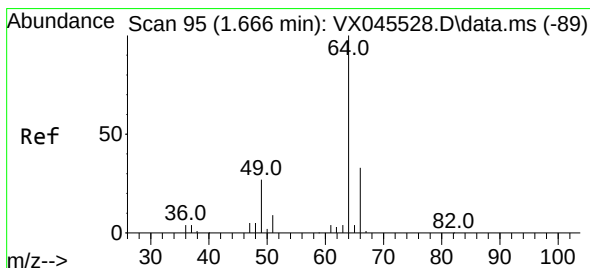
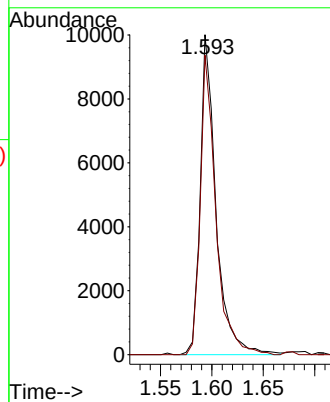
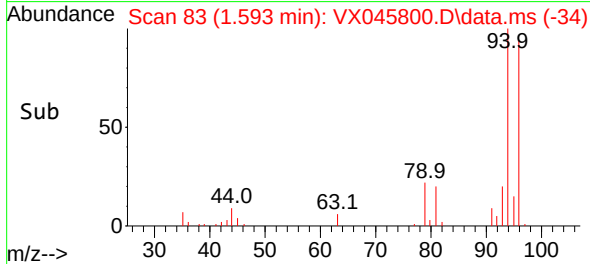
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 94 Resp: 10735
Ion Ratio Lower Upper
94 100
96 93.6 74.8 112.2

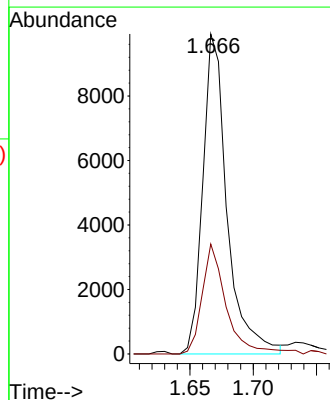
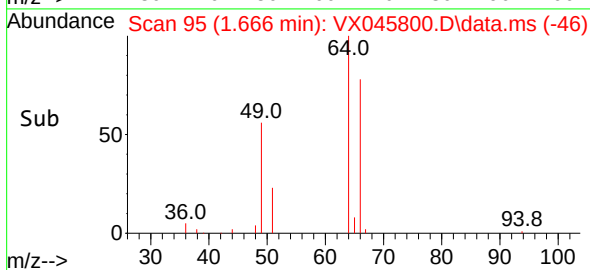
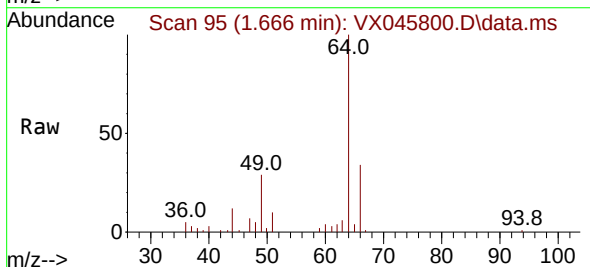
Manual Integrations
APPROVED

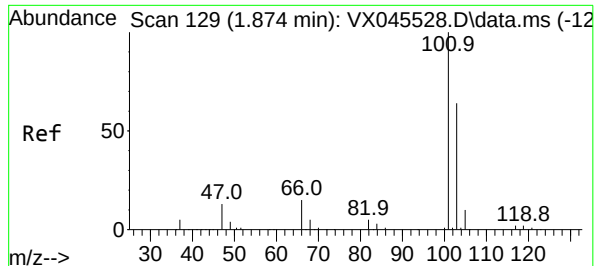
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#6
Chloroethane
Concen: 19.465 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

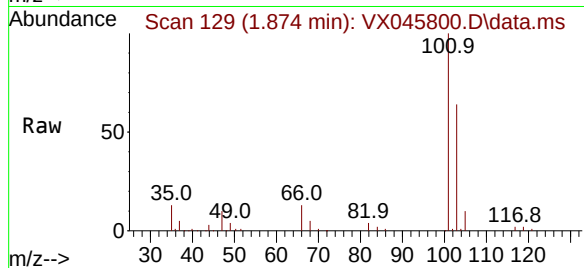
Tgt Ion: 64 Resp: 13251
Ion Ratio Lower Upper
64 100
66 34.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.659 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

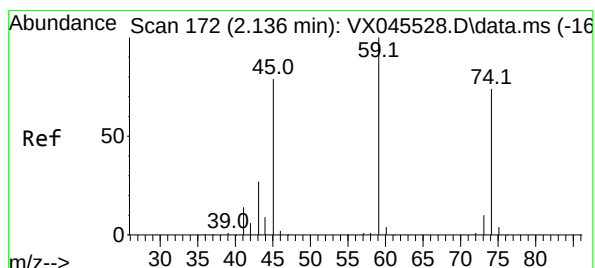
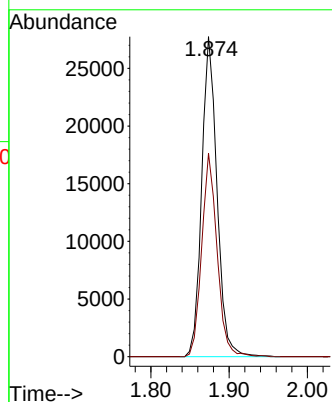
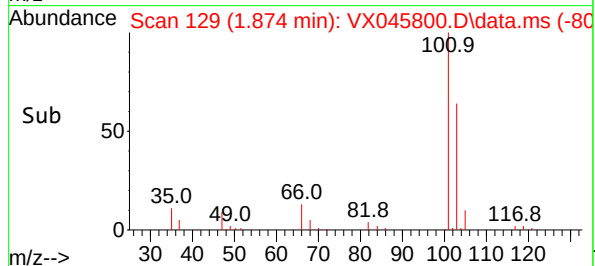
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion:101 Resp: 3761
Ion Ratio Lower Upper
101 100
103 63.5 51.1 76.7

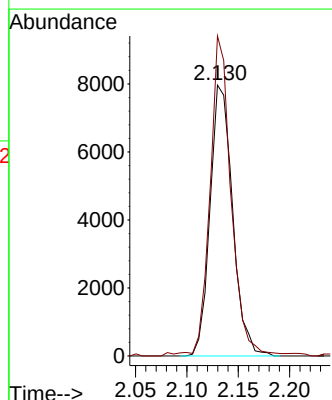
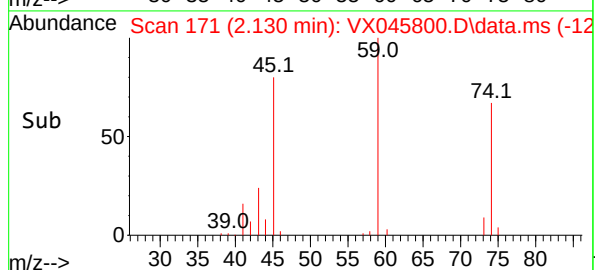
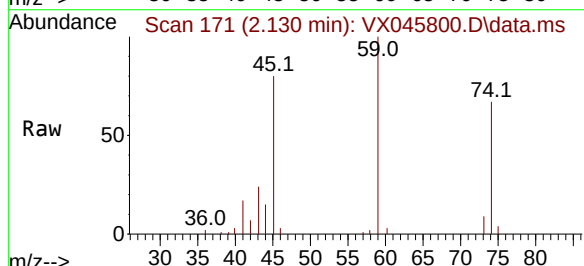
Manual Integrations
APPROVED

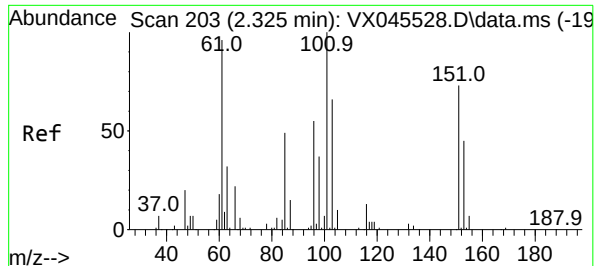
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#8
Diethyl Ether
Concen: 18.960 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 74 Resp: 12179
Ion Ratio Lower Upper
74 100
45 111.5 53.0 159.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.183 ug/l

RT: 2.319 min Scan# 203

Delta R.T. -0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

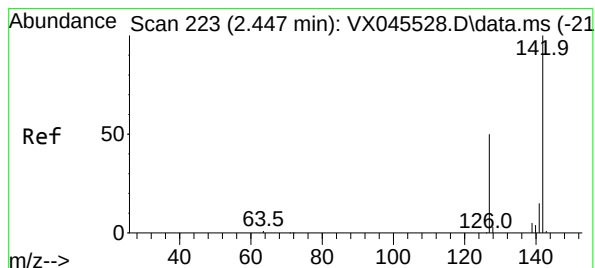
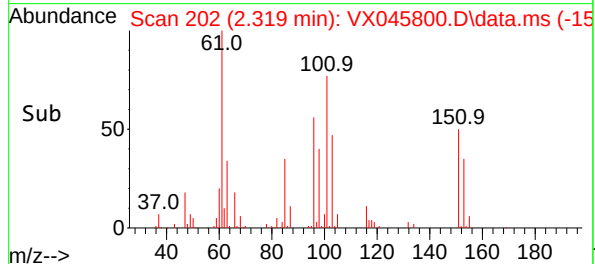
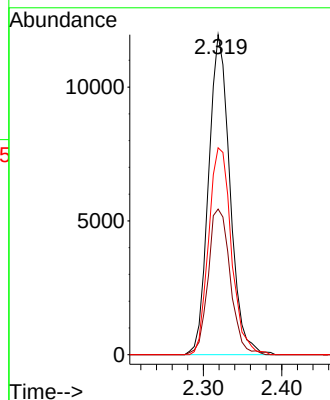
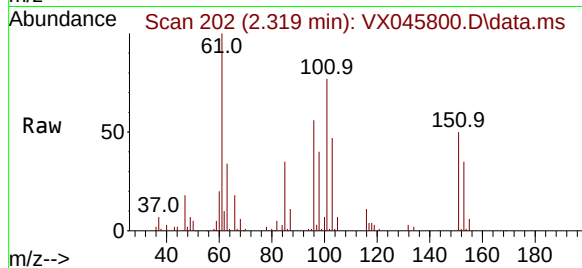
Tgt Ion:	101	Resp:	22629
Ion	Ratio	Lower	Upper
101	100		
85	47.2	38.9	58.3
151	68.9	57.5	86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#10

Methyl Iodide

Concen: 17.441 ug/l

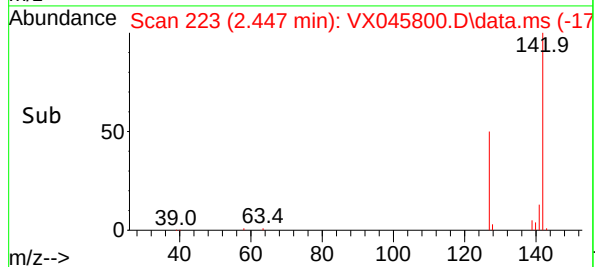
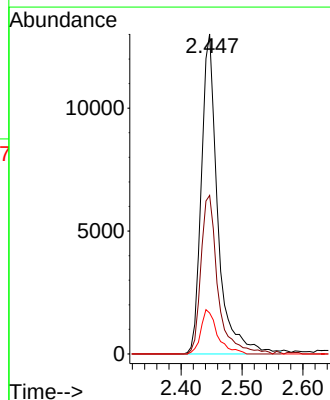
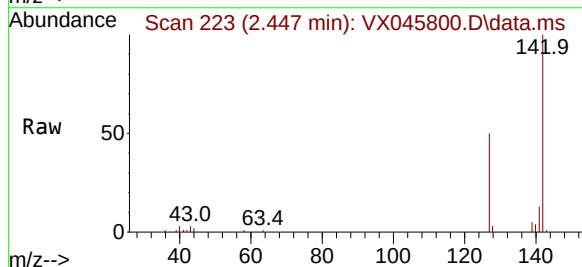
RT: 2.447 min Scan# 223

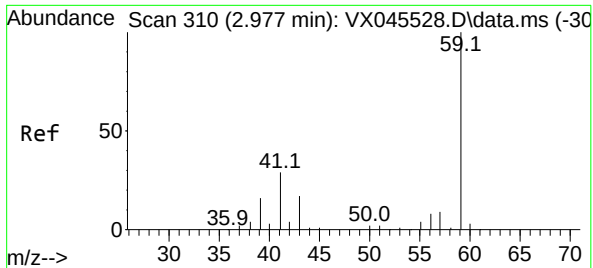
Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion:	142	Resp:	24390
Ion	Ratio	Lower	Upper
142	100		
127	51.0	40.2	60.4
141	14.0	11.7	17.5





#11

Tert butyl alcohol

Concen: 100.482 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 59 Resp: 22530

Ion Ratio Lower Upper

59 100

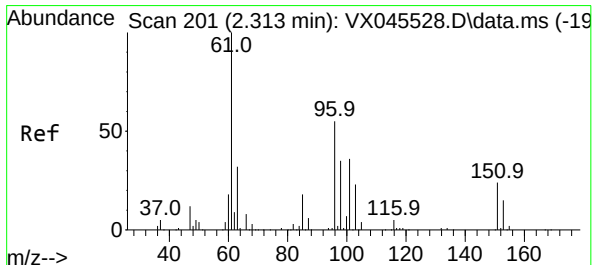
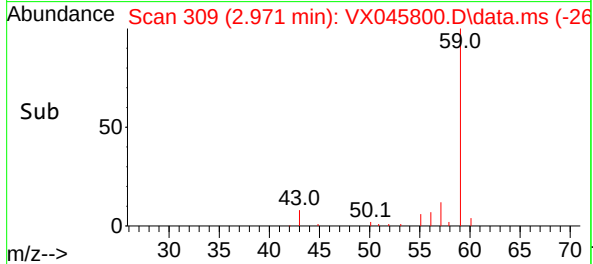
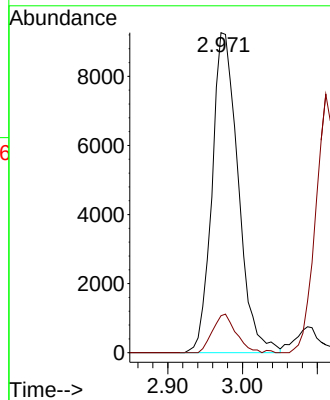
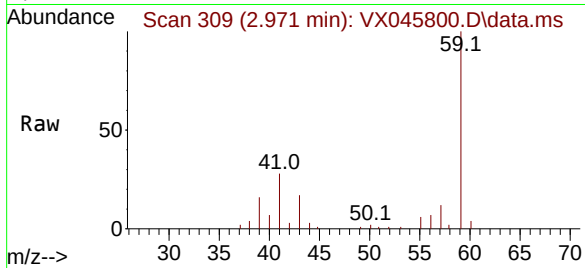
57 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#12

1,1-Dichloroethene

Concen: 18.388 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

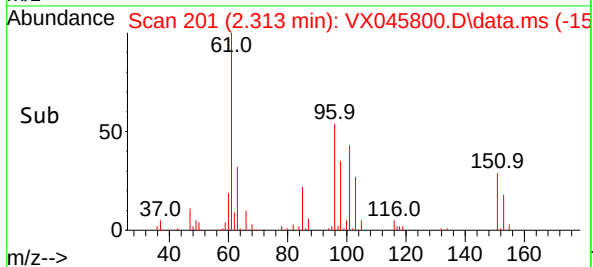
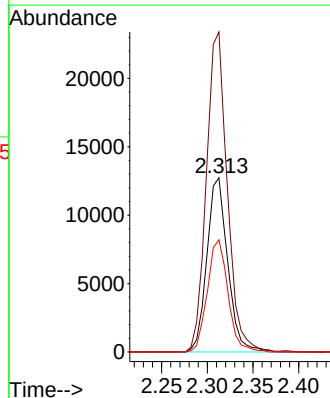
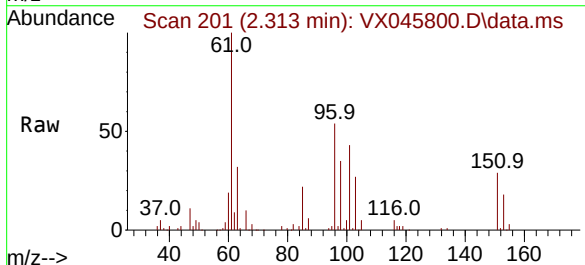
Tgt Ion: 96 Resp: 20145

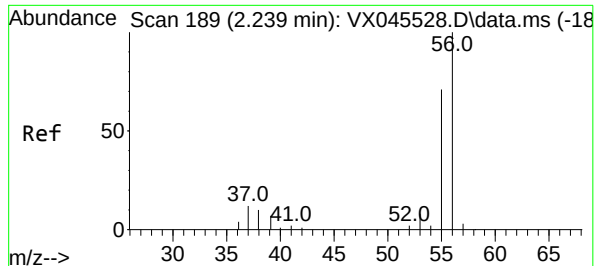
Ion Ratio Lower Upper

96 100

61 183.6 145.7 218.5

98 64.4 51.6 77.4





#13

Acrolein

Concen: 74.030 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 56 Resp: 22864

Ion Ratio Lower Upper

56 100

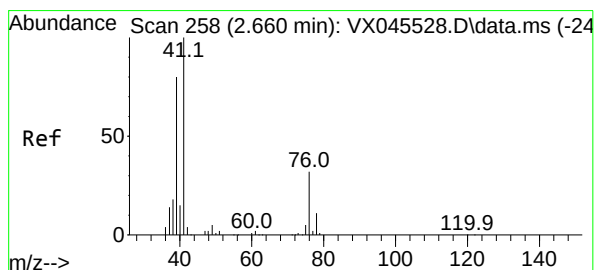
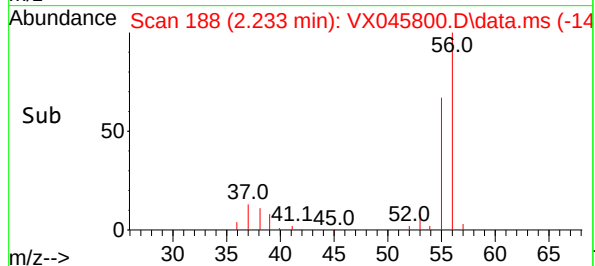
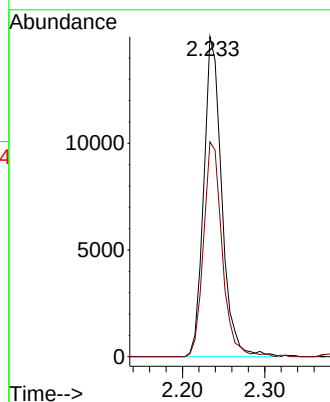
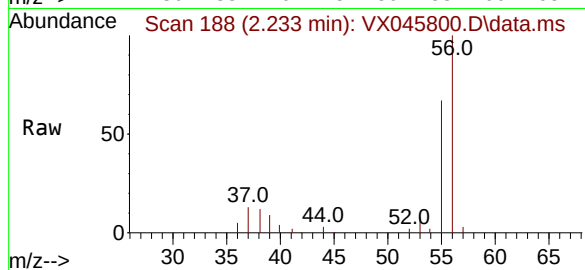
55 69.1 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#14

Allyl chloride

Concen: 19.762 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

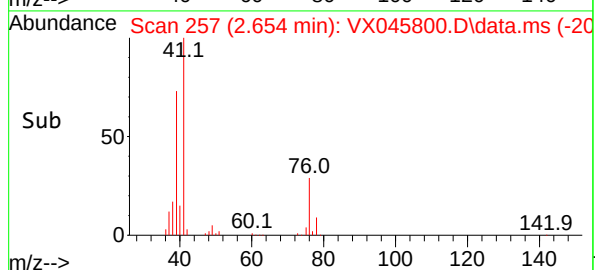
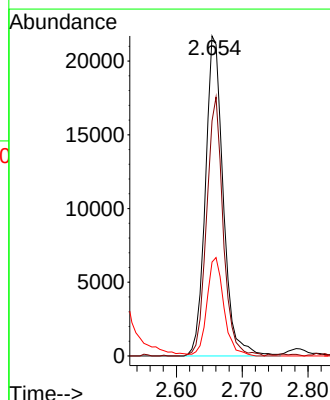
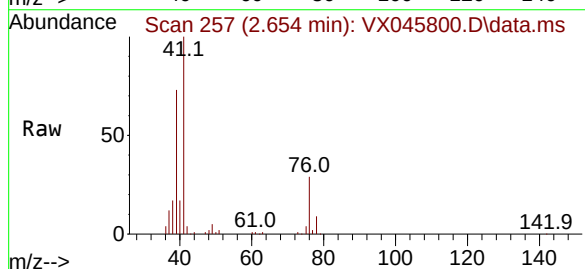
Tgt Ion: 41 Resp: 41079

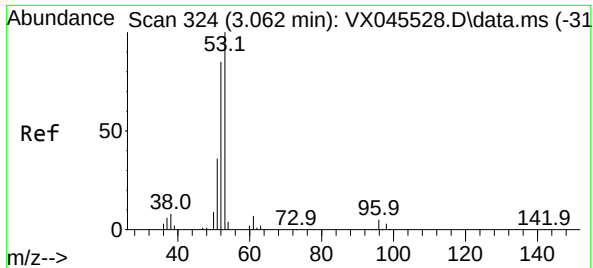
Ion Ratio Lower Upper

41 100

39 74.7 60.2 90.2

76 29.2 24.6 36.8





#15

Acrylonitrile

Concen: 96.143 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

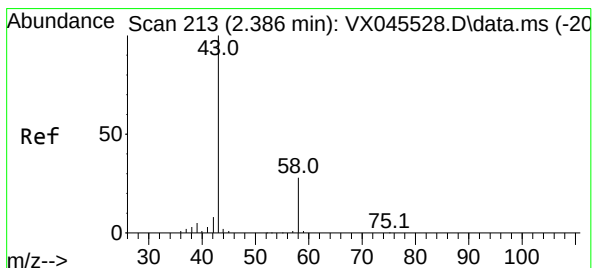
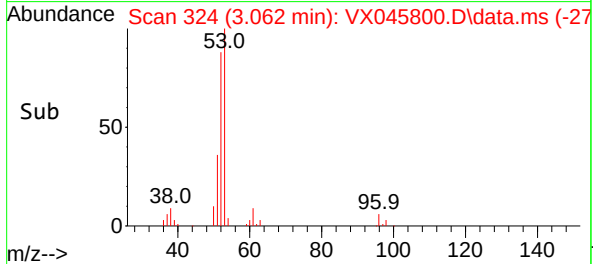
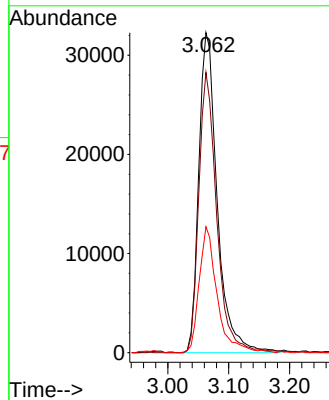
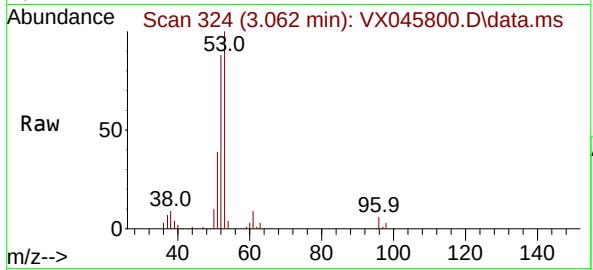
Tgt Ion:	53	Resp:	6806
Ion	Ratio	Lower	Upper
53	100		
52	85.4	67.4	101.2
51	38.3	29.9	44.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#16

Acetone

Concen: 94.681 ug/l

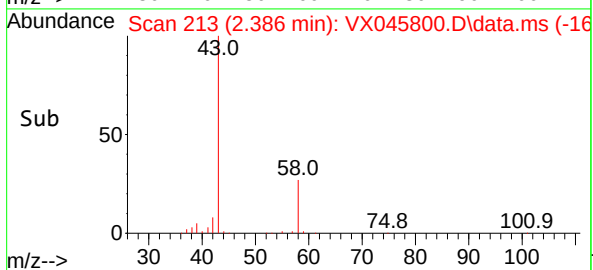
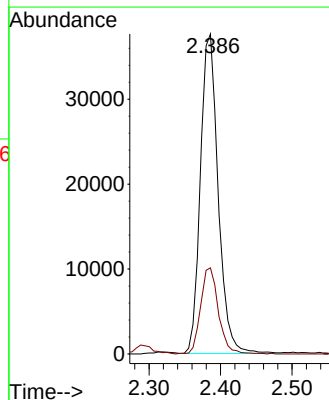
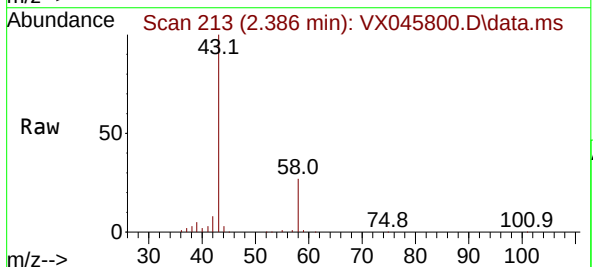
RT: 2.386 min Scan# 213

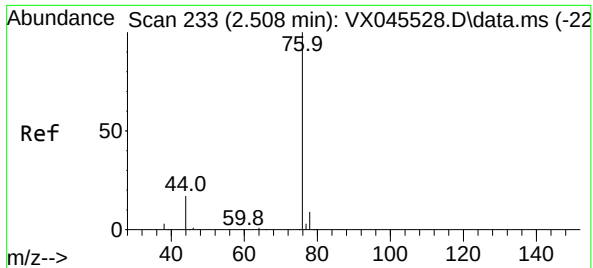
Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion:	43	Resp:	64882
Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.3	33.5





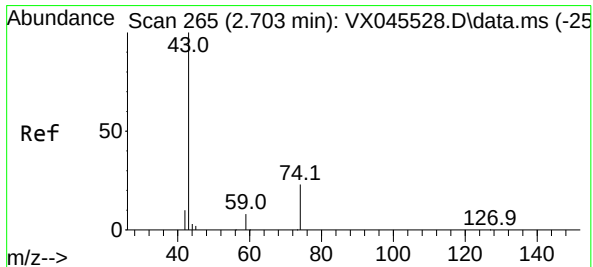
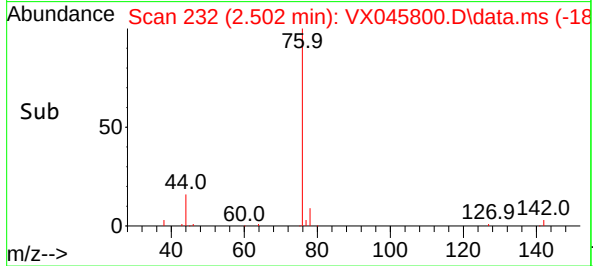
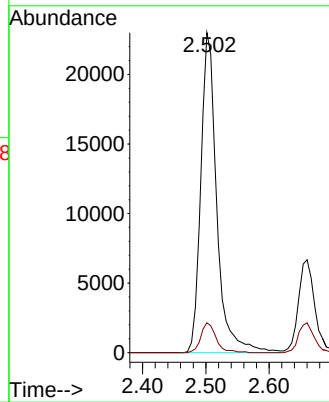
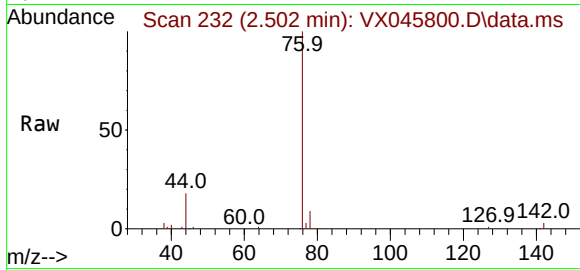
#17
Carbon Disulfide
Concen: 14.958 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 76 Resp: 4047
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

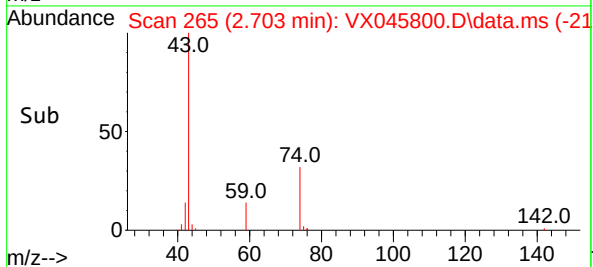
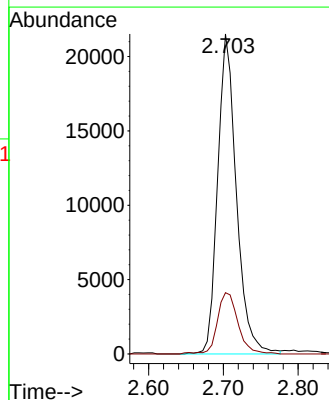
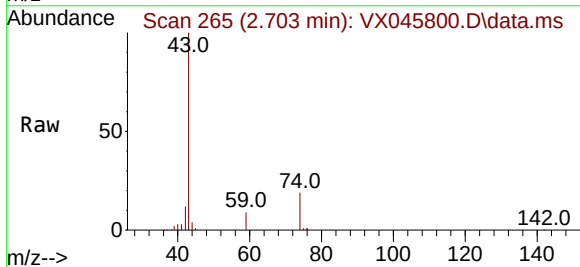
Manual Integrations
APPROVED

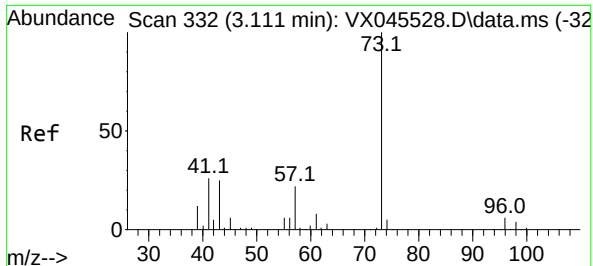
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#18
Methyl Acetate
Concen: 23.776 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 43 Resp: 37513
Ion Ratio Lower Upper
43 100
74 20.9 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 20.436 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 73 Resp: 78318

Ion Ratio Lower Upper

73 100

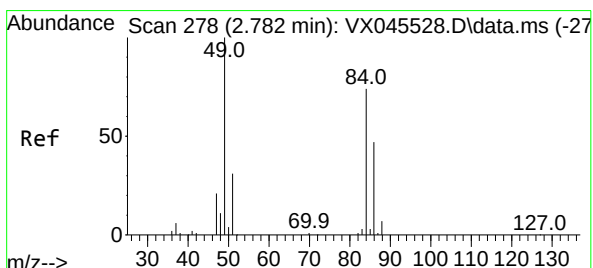
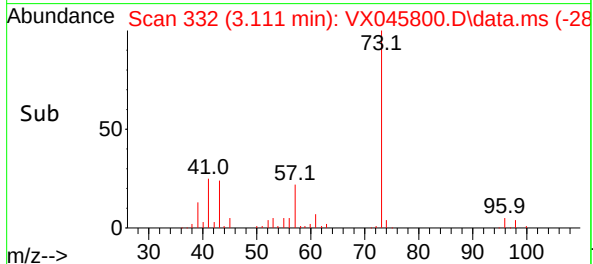
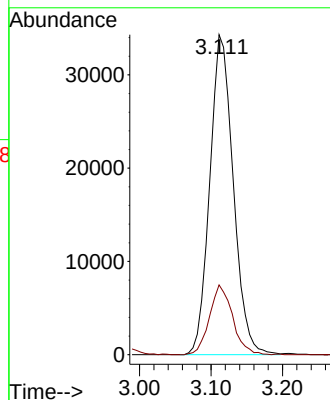
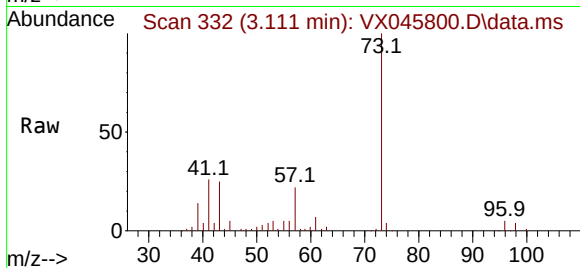
57 21.8 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#20

Methylene Chloride

Concen: 18.796 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion: 84 Resp: 24113

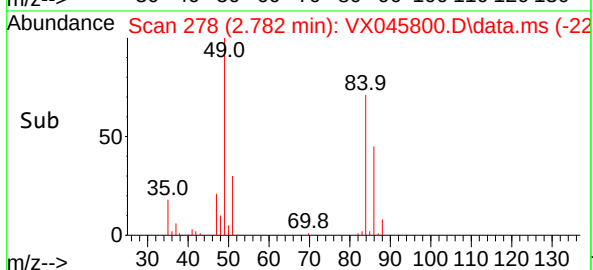
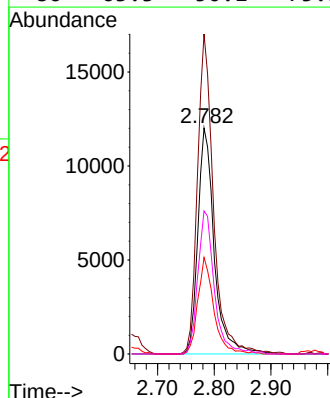
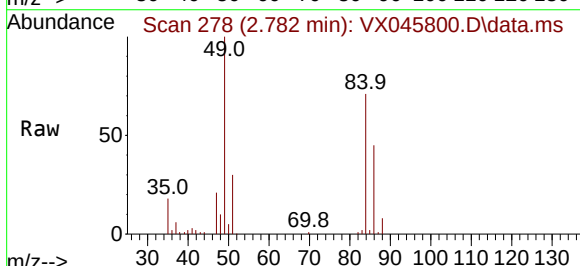
Ion Ratio Lower Upper

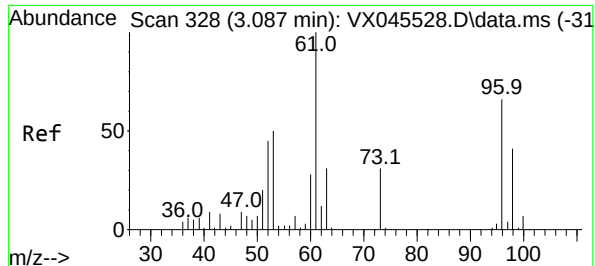
84 100

49 141.7 107.5 161.3

51 42.7 33.0 49.6

86 63.3 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 18.125 ug/l

RT: 3.081 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 96 Resp: 20280

Ion Ratio Lower Upper

96 100

61 154.4 121.0 181.6

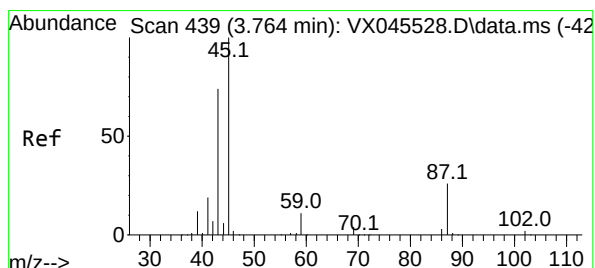
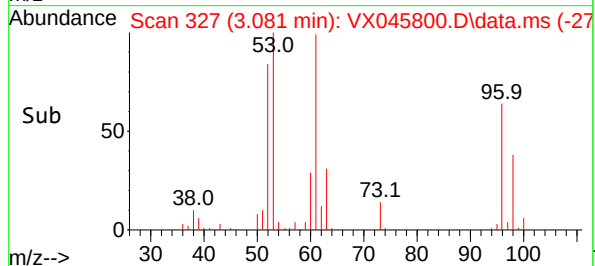
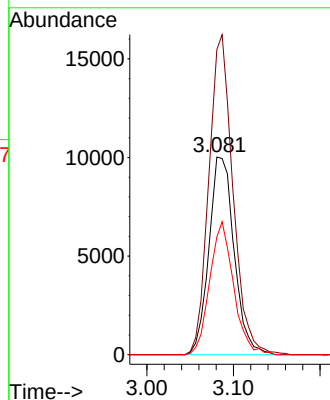
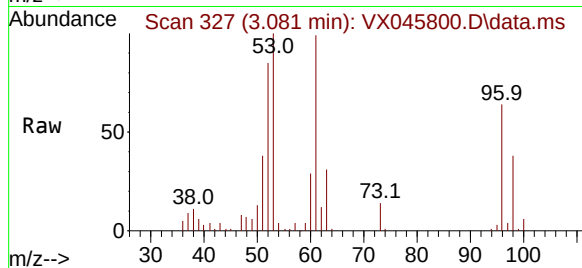
98 59.5 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#22

Diisopropyl ether

Concen: 19.992 ug/l

RT: 3.764 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion: 45 Resp: 81859

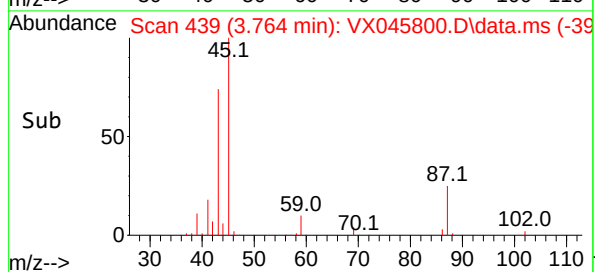
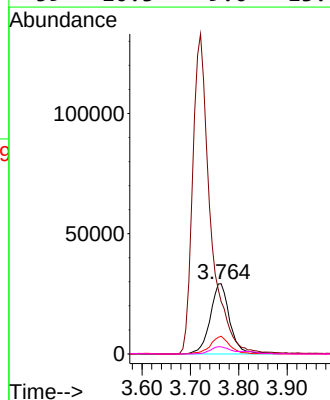
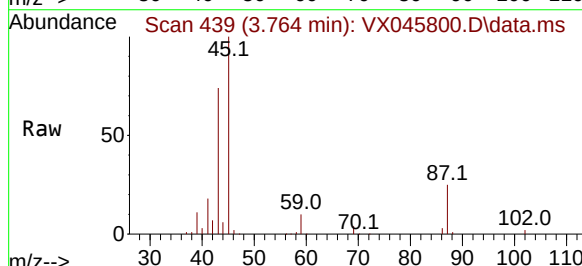
Ion Ratio Lower Upper

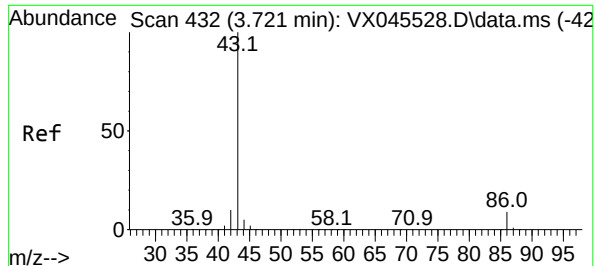
45 100

43 73.3 59.3 88.9

87 25.4 20.4 30.6

59 10.3 9.0 13.6





#23

Vinyl Acetate

Concen: 96.030 ug/l

RT: 3.721 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 43 Resp: 339728

Ion Ratio Lower Upper

43

100

86

9.2

7.5

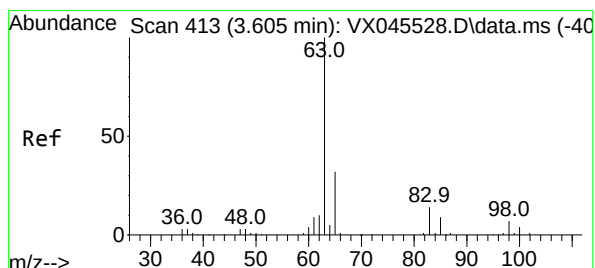
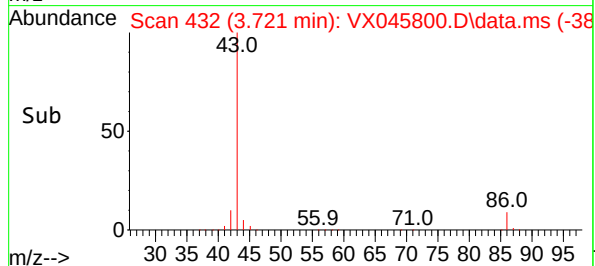
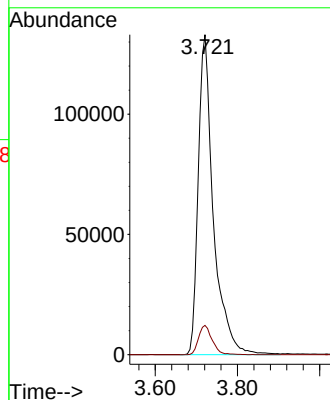
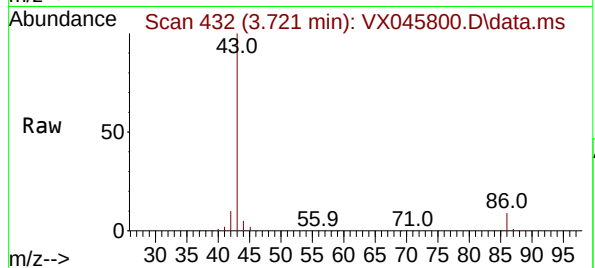
11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#24

1,1-Dichloroethane

Concen: 19.120 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion: 63 Resp: 44275

Ion Ratio Lower Upper

63

100

98

6.1

3.4

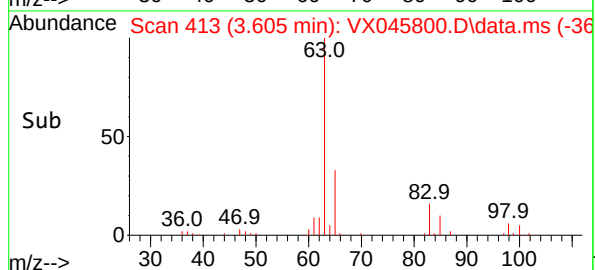
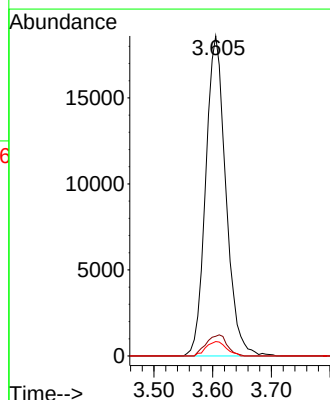
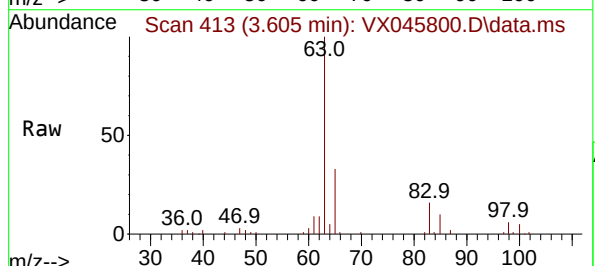
10.1

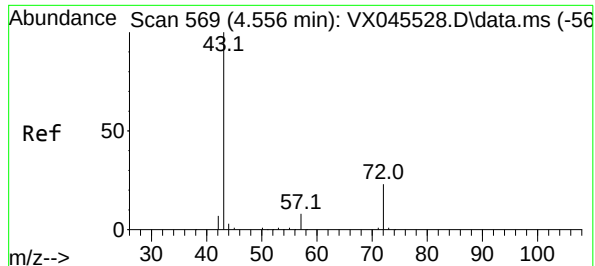
100

4.5

2.2

6.6





#25

2-Butanone

Concen: 98.751 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 43 Resp: 9905

Ion Ratio Lower Upper

43 100

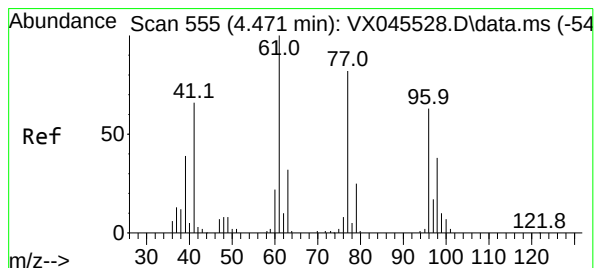
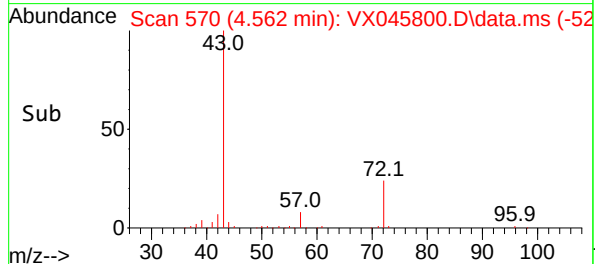
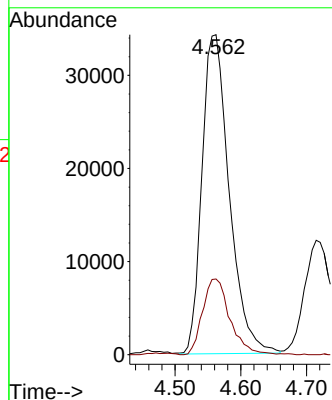
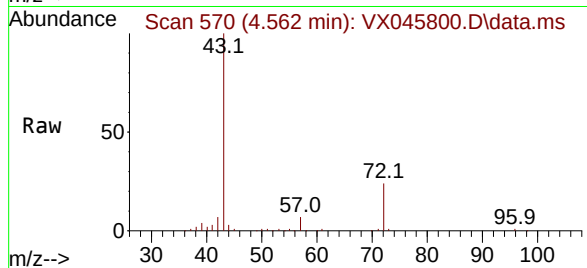
72 23.7 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#26

2,2-Dichloropropane

Concen: 22.535 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX045800.D

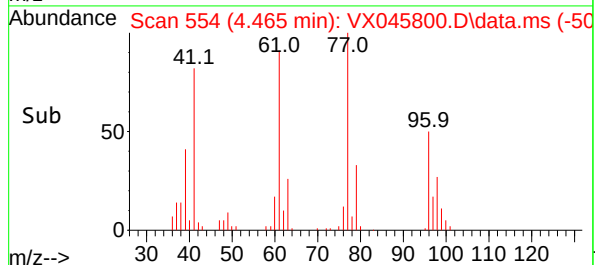
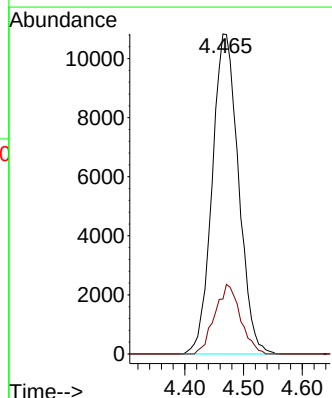
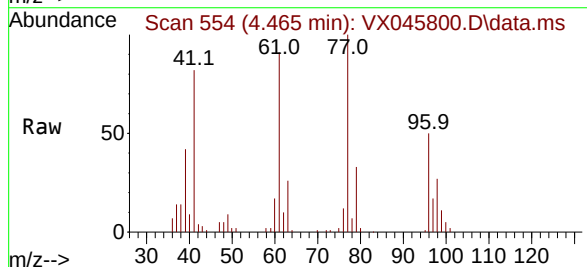
Acq: 16 Apr 2025 12:11

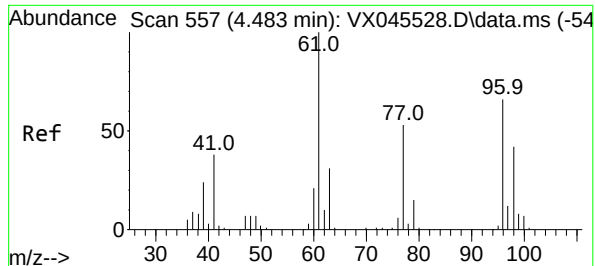
Tgt Ion: 77 Resp: 33716

Ion Ratio Lower Upper

77 100

97 21.1 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 19.207 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 96 Resp: 26190

Ion Ratio Lower Upper

96 100

61 162.3 0.0 313.2

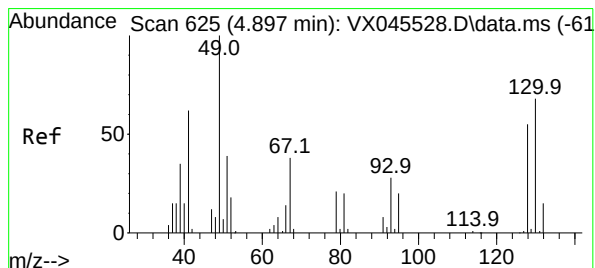
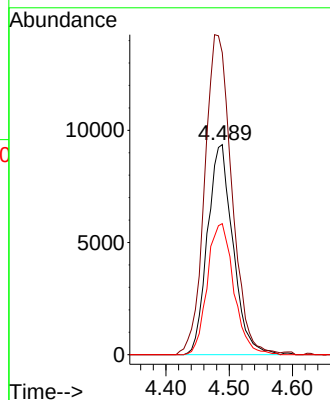
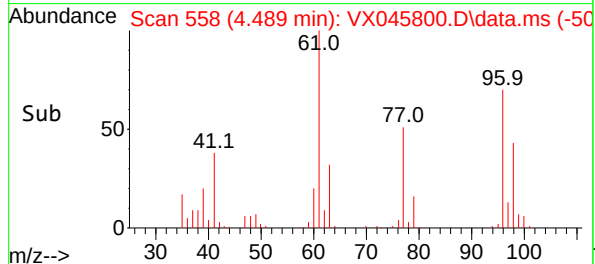
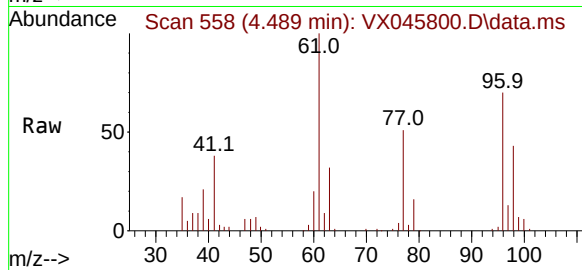
98 64.7 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#28

Bromochloromethane

Concen: 20.426 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

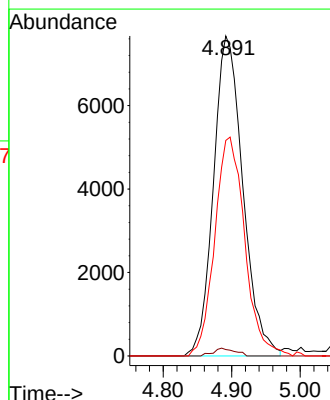
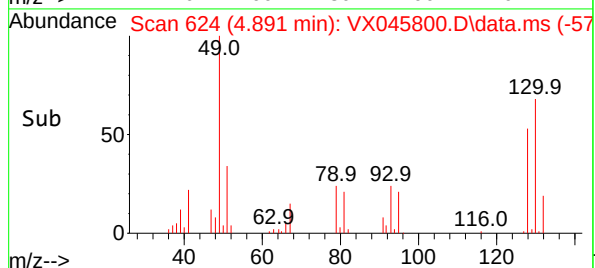
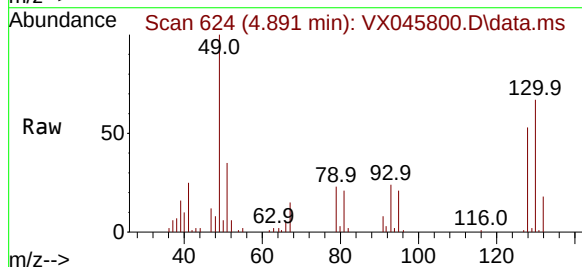
Tgt Ion: 49 Resp: 22857

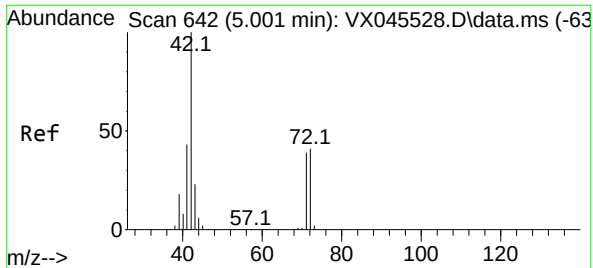
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 69.7 54.6 81.8





#29

Tetrahydrofuran

Concen: 97.177 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

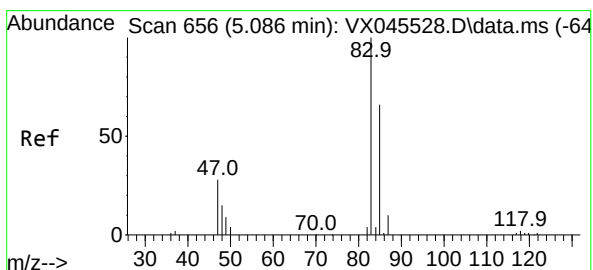
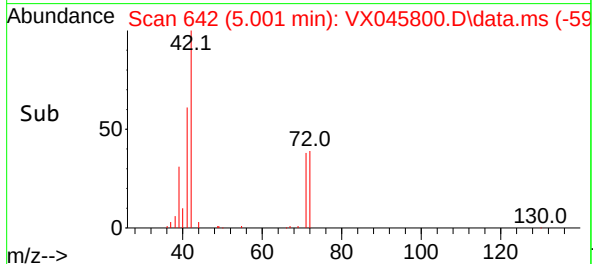
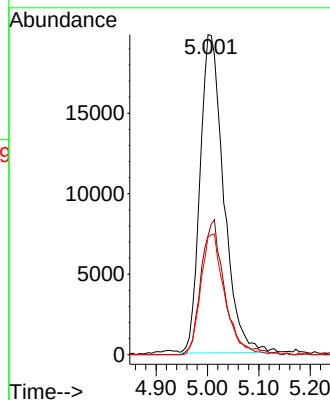
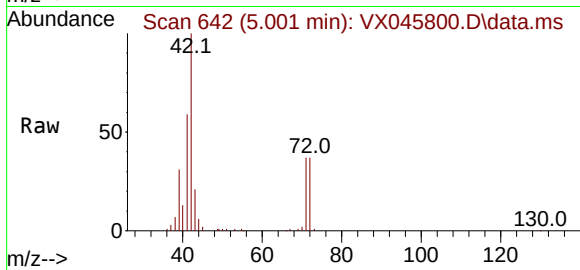
Tgt Ion:	42	Resp:	63198
Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.4	50.0
71	38.4	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#30

Chloroform

Concen: 19.733 ug/l

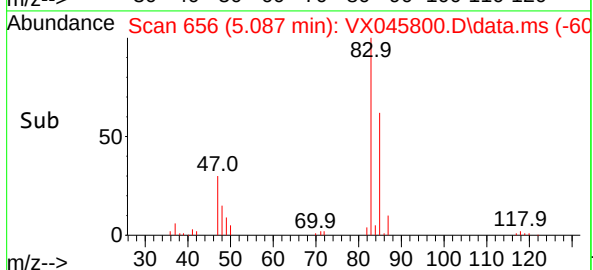
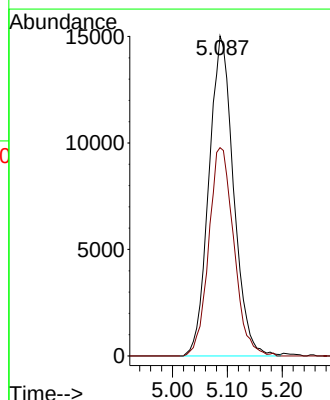
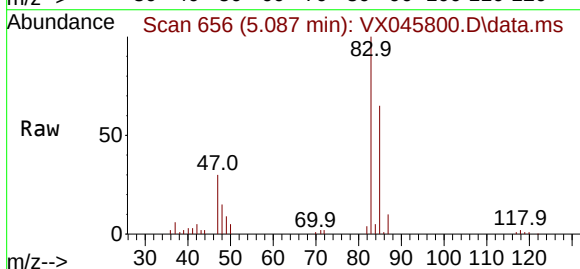
RT: 5.087 min Scan# 656

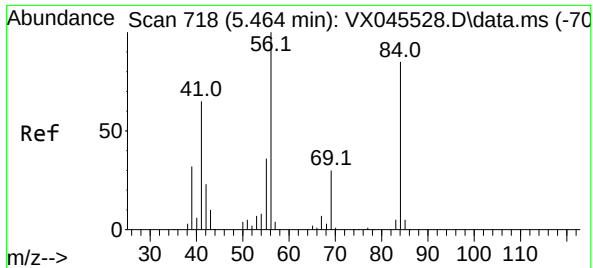
Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion:	83	Resp:	47018
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.8	79.2





#31

Cyclohexane

Concen: 18.654 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 56 Resp: 3818

Ion Ratio Lower Upper

56 100

69 32.6 23.6 35.4

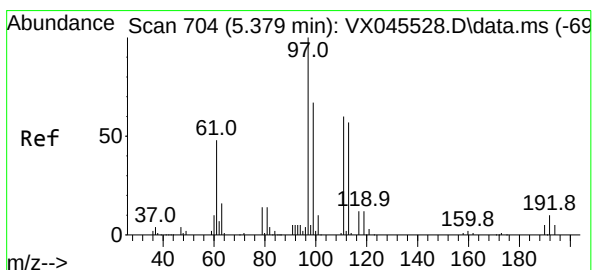
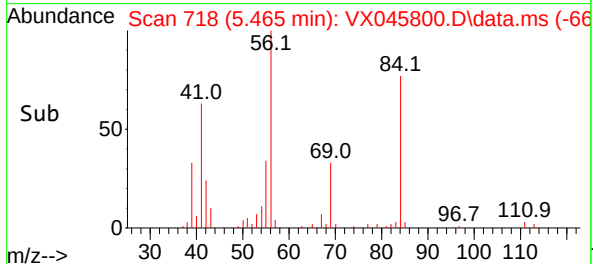
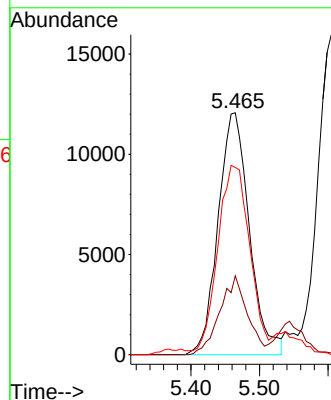
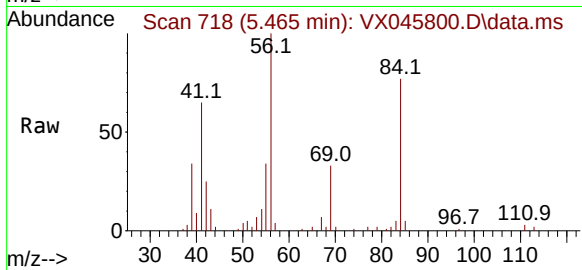
84 75.1 67.7 101.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#32

1,1,1-Trichloroethane

Concen: 20.069 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

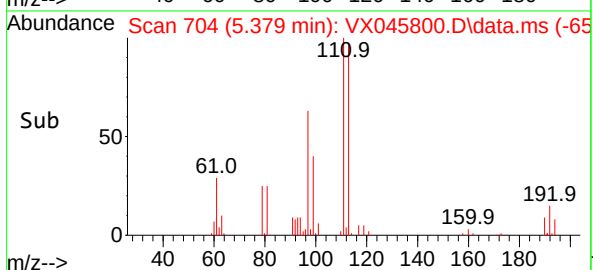
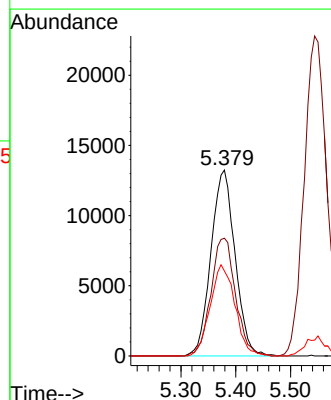
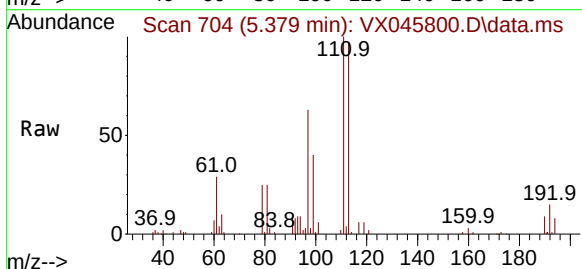
Tgt Ion: 97 Resp: 40463

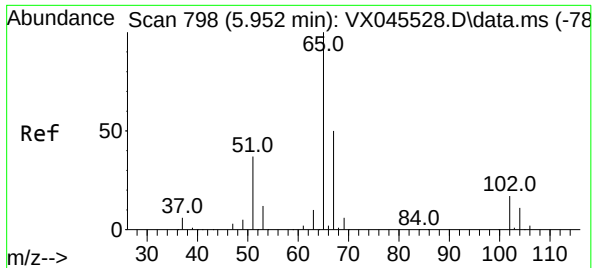
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 50.5 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 53.486 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 65 Resp: 8925

Ion Ratio Lower Upper

65 100

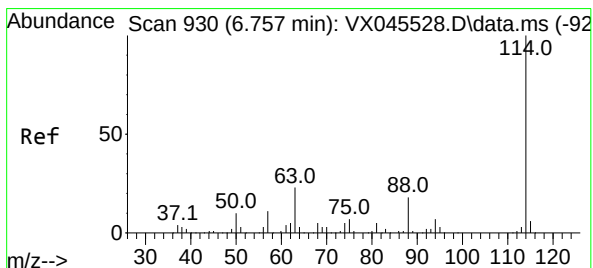
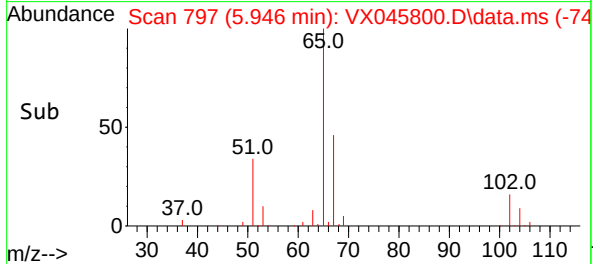
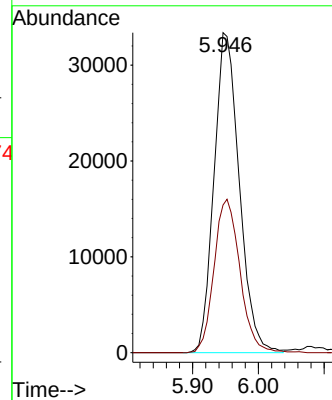
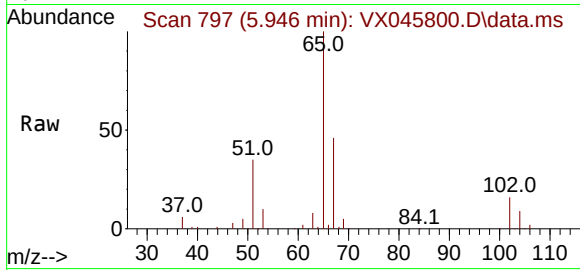
67 49.2 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

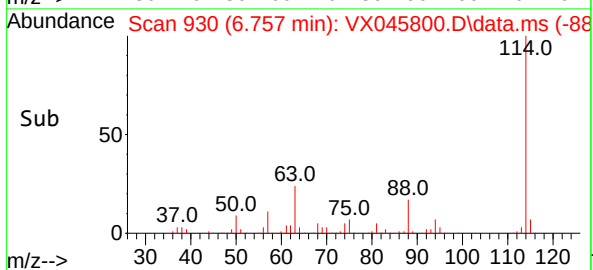
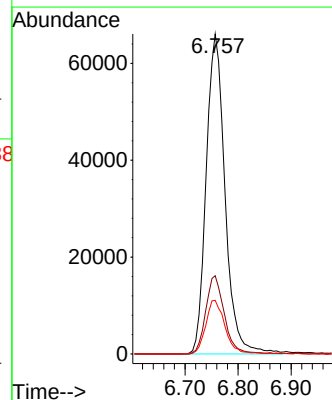
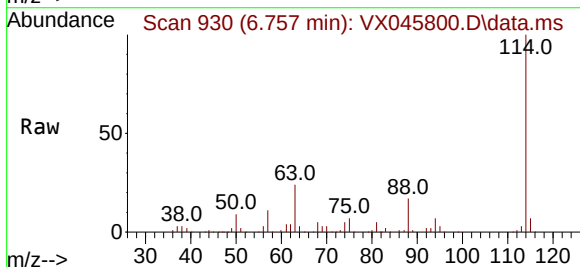
Tgt Ion:114 Resp: 163123

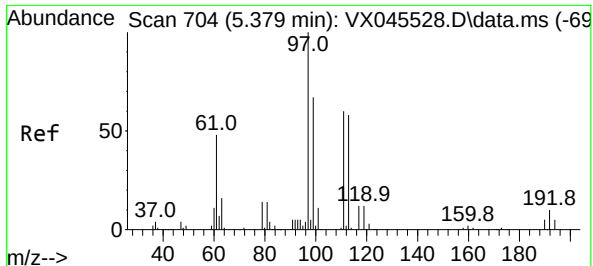
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.8

88 16.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.390 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion:113 Resp: 60634

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

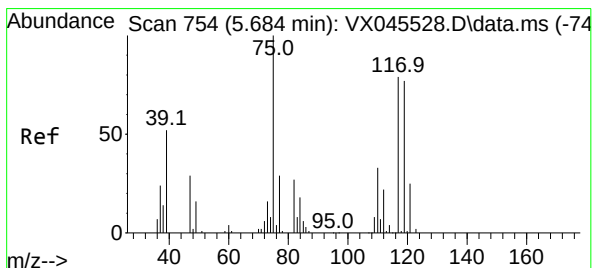
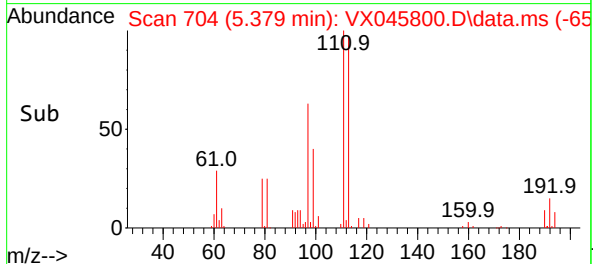
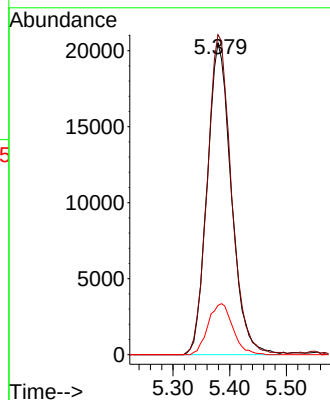
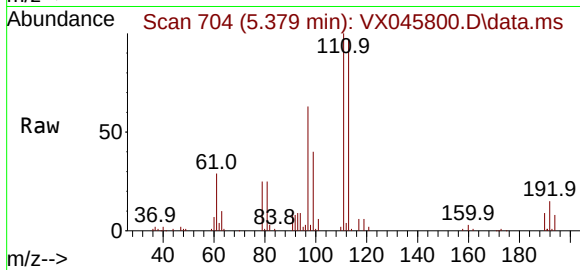
192 16.8 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#36

1,1-Dichloropropene

Concen: 18.557 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

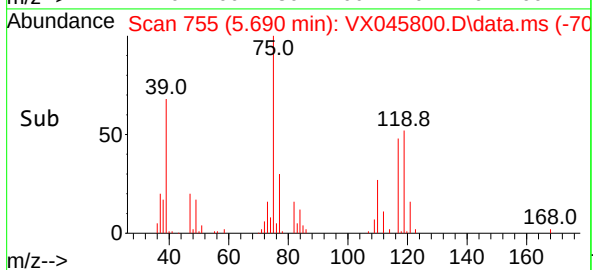
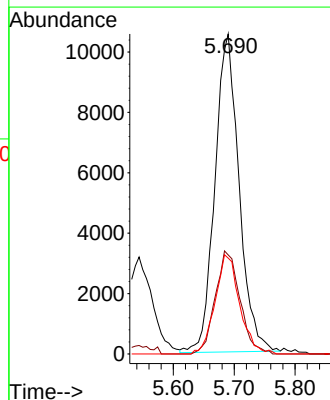
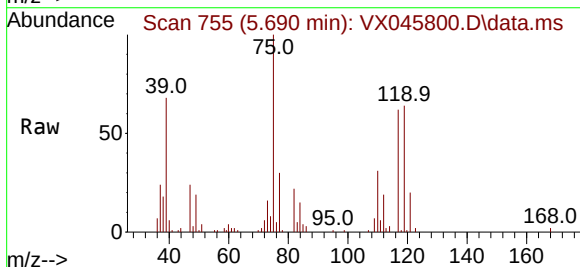
Tgt Ion: 75 Resp: 28998

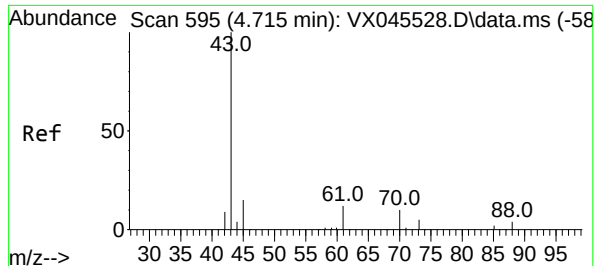
Ion Ratio Lower Upper

75 100

110 33.0 16.9 50.6

77 31.7 25.0 37.4





#37

Ethyl Acetate

Concen: 18.523 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

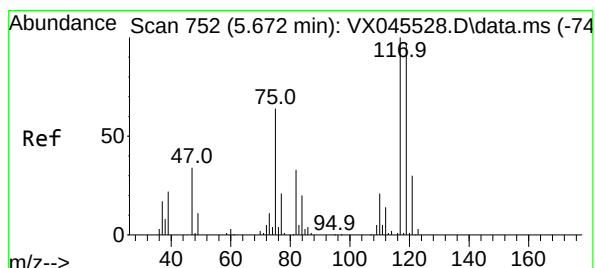
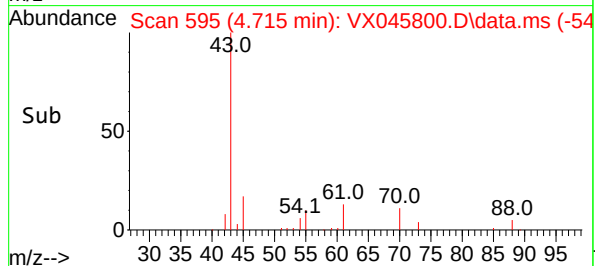
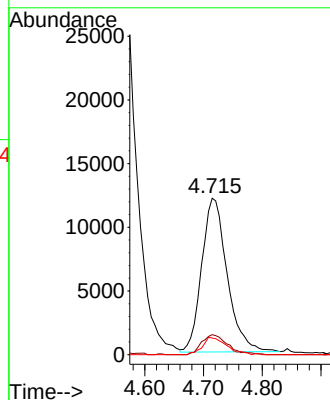
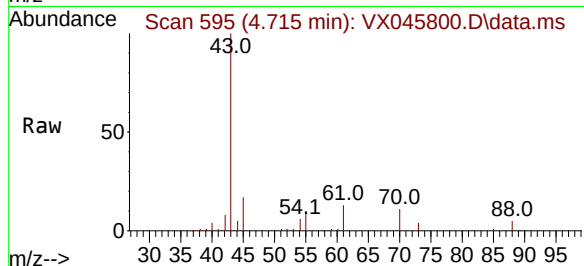
Tgt Ion:	43	Resp:	36470
Ion	Ratio	Lower	Upper
43	100		
61	13.3	9.9	14.9
70	10.6	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#38

Carbon Tetrachloride

Concen: 19.871 ug/l

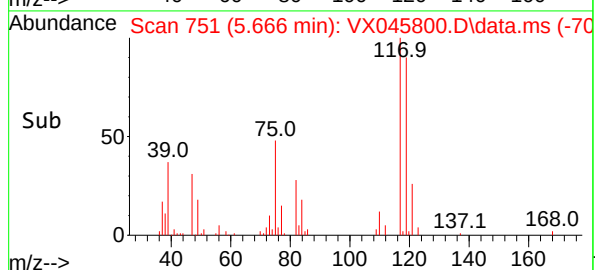
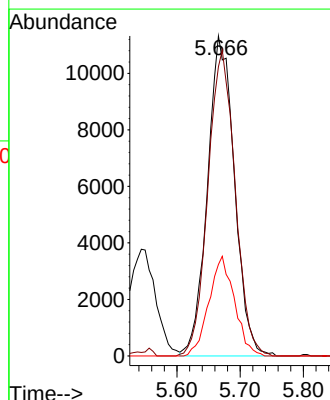
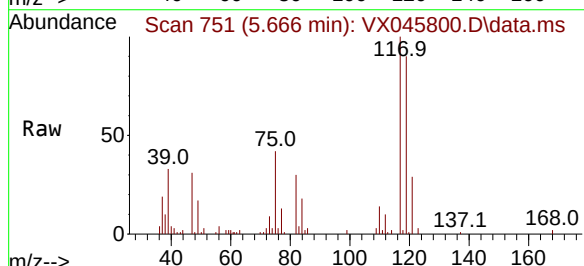
RT: 5.666 min Scan# 751

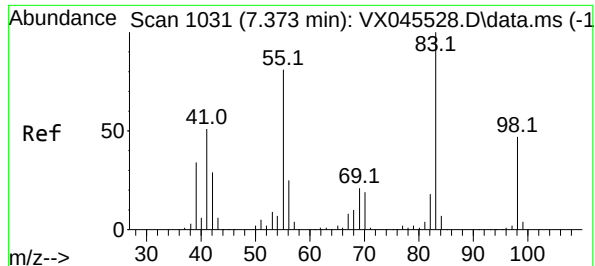
Delta R.T. -0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion:	117	Resp:	33560
Ion	Ratio	Lower	Upper
117	100		
119	90.4	76.9	115.3
121	28.6	24.2	36.2





#39

Methylcyclohexane

Concen: 19.040 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 83 Resp: 3647

Ion Ratio Lower Upper

83 100

55 88.4 64.9 97.3

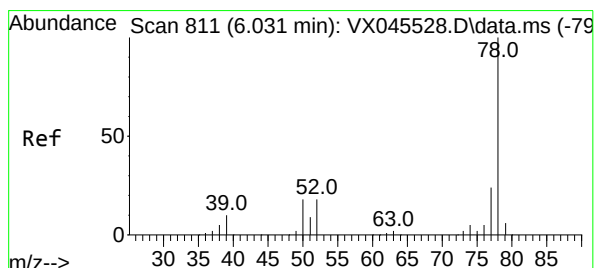
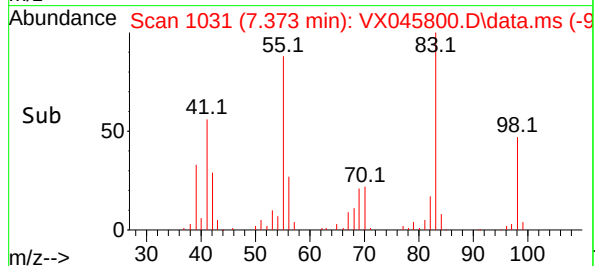
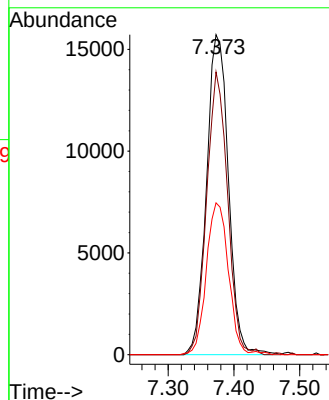
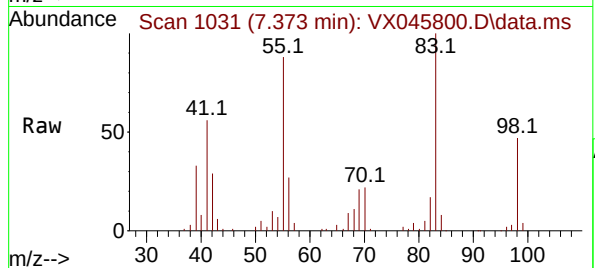
98 47.4 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#40

Benzene

Concen: 18.891 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045800.D

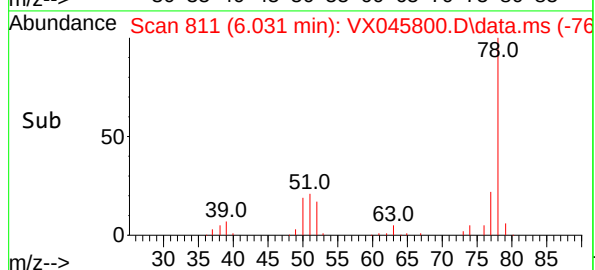
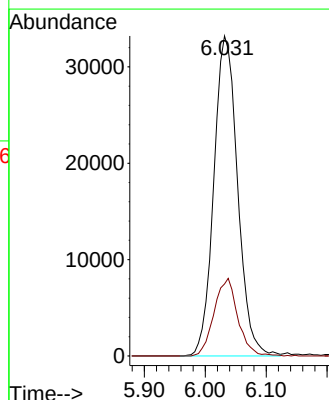
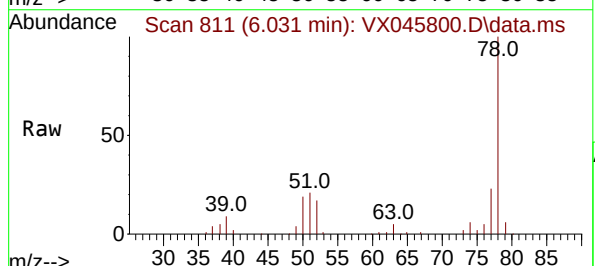
Acq: 16 Apr 2025 12:11

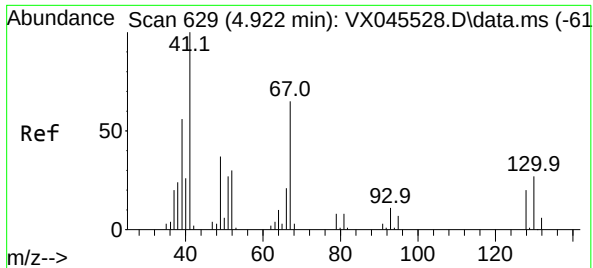
Tgt Ion: 78 Resp: 90157

Ion Ratio Lower Upper

78 100

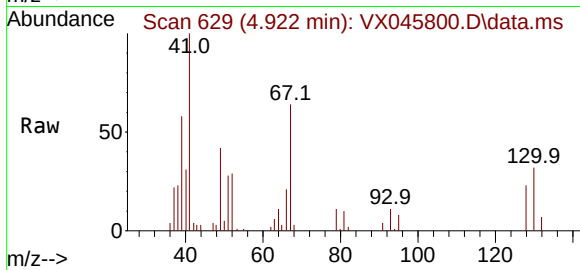
77 22.5 19.0 28.6





#41
Methacrylonitrile
Concen: 20.959 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

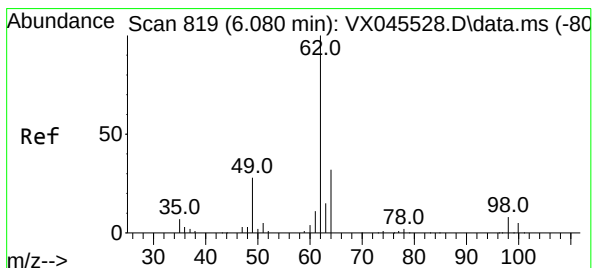
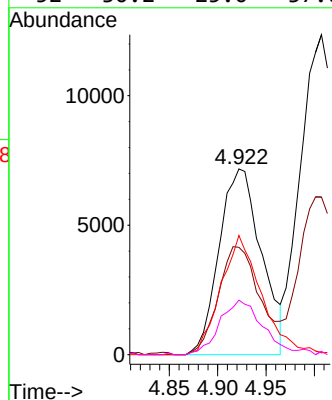
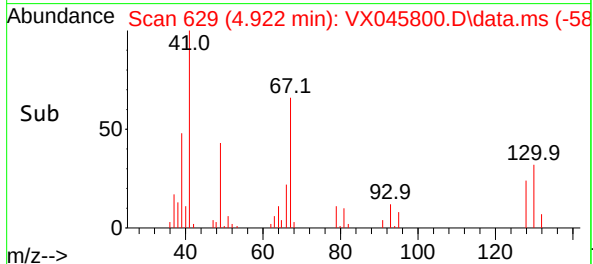
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 41 Resp: 2177
Ion Ratio Lower Upper
41 100
39 55.7 47.0 70.6
67 62.2 53.2 79.8
52 30.2 25.0 37.6

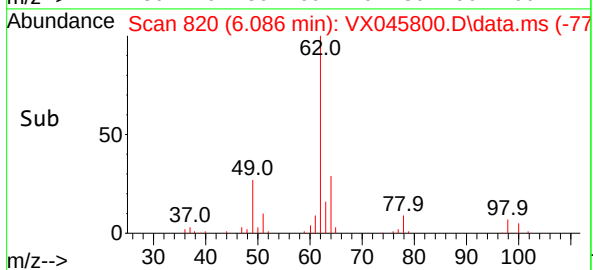
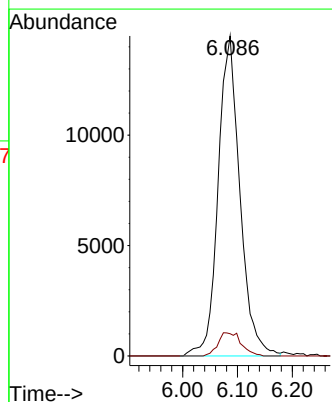
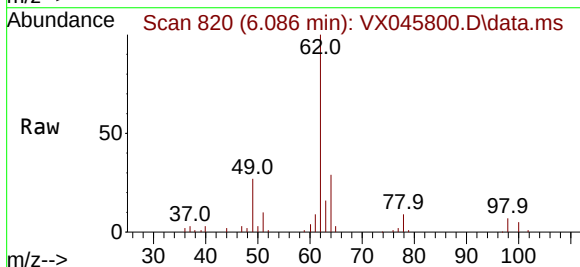
Manual Integrations
APPROVED

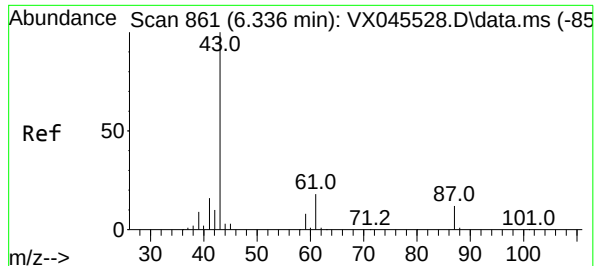
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#42
1,2-Dichloroethane
Concen: 20.336 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 62 Resp: 40085
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.2





#43

Isopropyl Acetate

Concen: 20.047 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 43 Resp: 5983

Ion Ratio Lower Upper

43 100

61 17.3 14.1 21.1

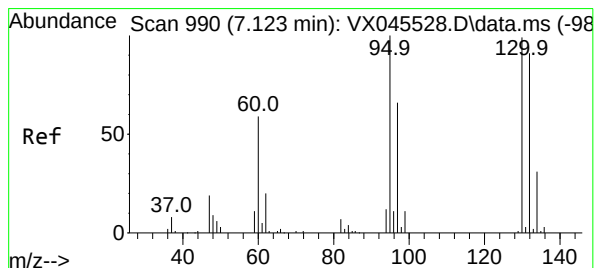
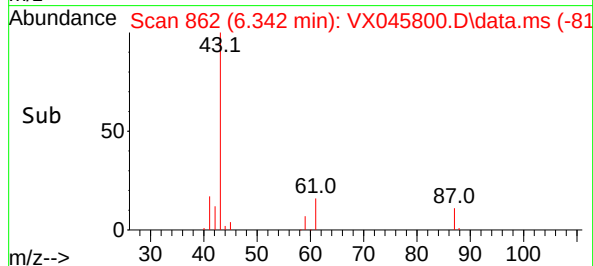
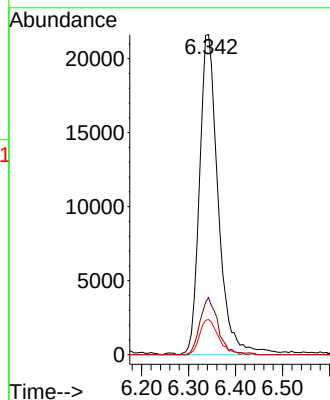
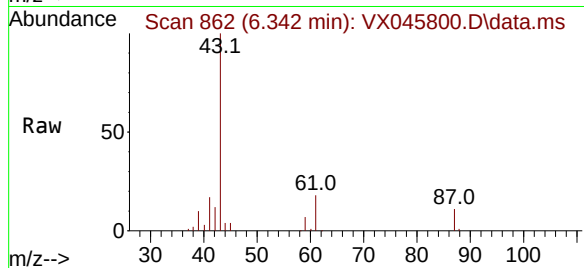
87 11.1 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#44

Trichloroethene

Concen: 19.266 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045800.D

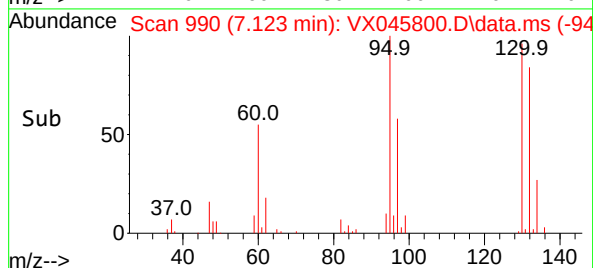
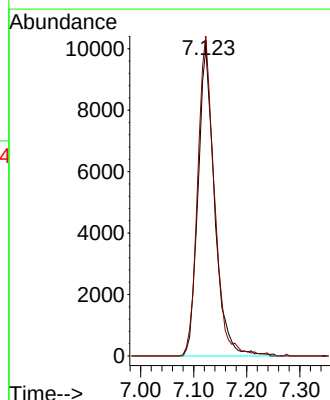
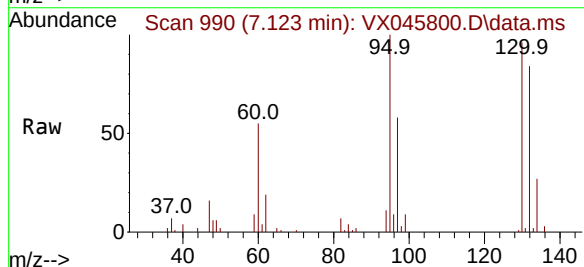
Acq: 16 Apr 2025 12:11

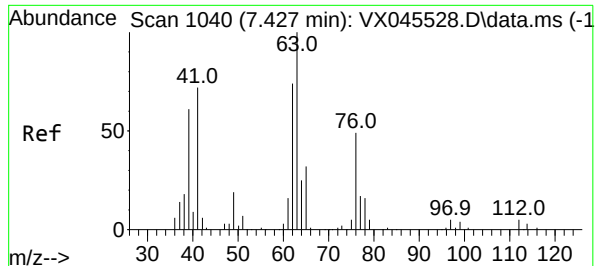
Tgt Ion:130 Resp: 21854

Ion Ratio Lower Upper

130 100

95 104.1 0.0 202.0





#45

1,2-Dichloropropane

Concen: 19.176 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 63 Resp: 2283

Ion Ratio Lower Upper

63 100

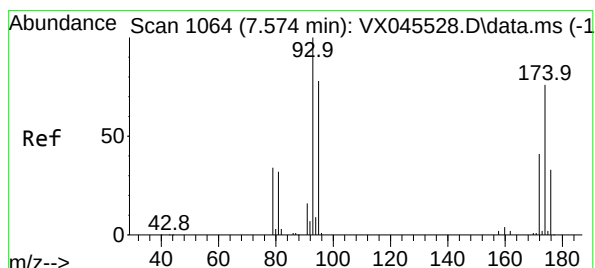
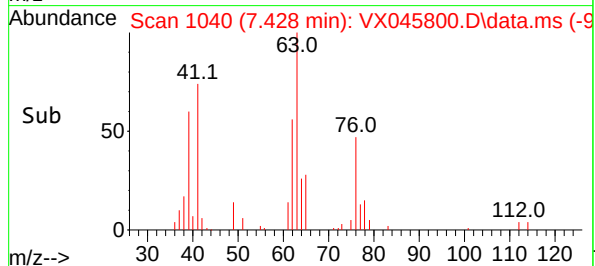
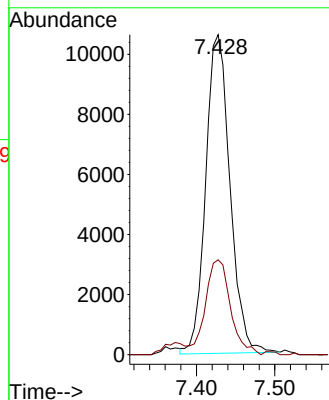
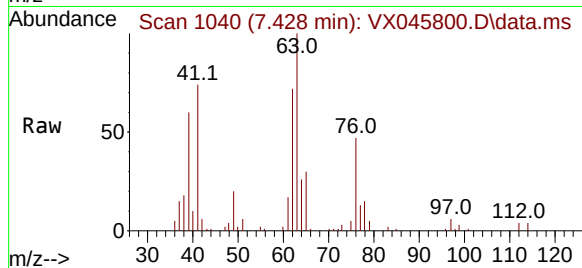
65 29.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#46

Dibromomethane

Concen: 19.363 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

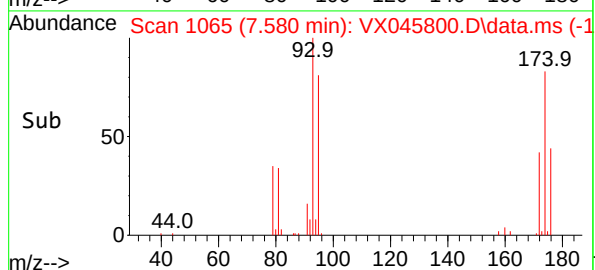
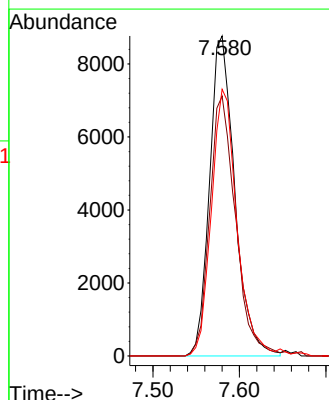
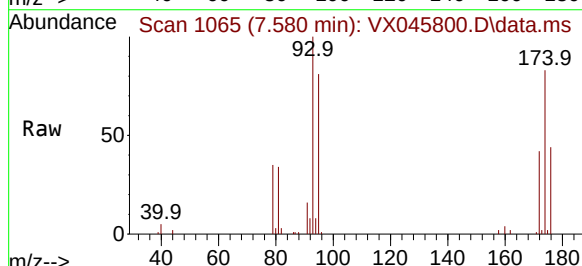
Tgt Ion: 93 Resp: 17700

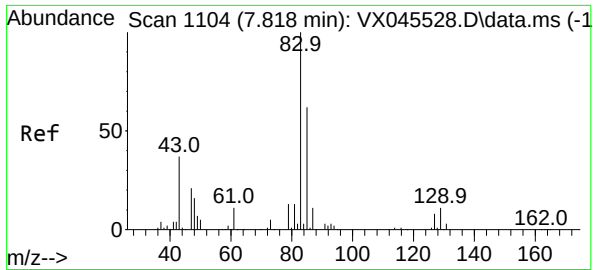
Ion Ratio Lower Upper

93 100

95 84.3 64.8 97.2

174 85.4 65.4 98.0





#47

Bromodichloromethane

Concen: 19.614 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

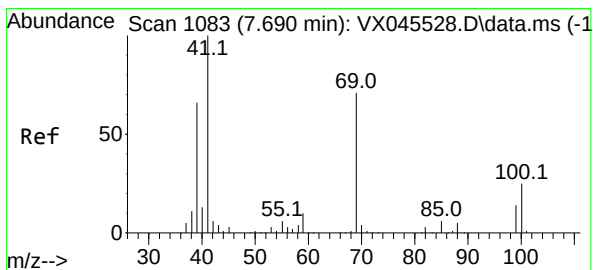
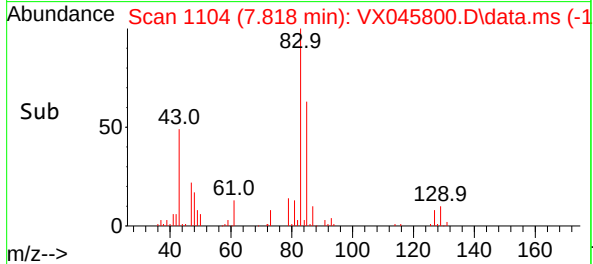
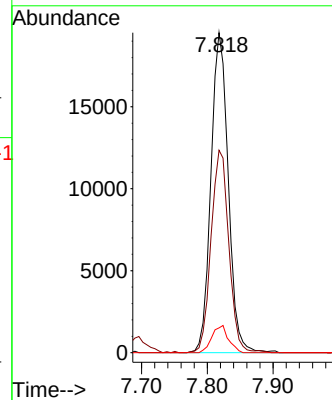
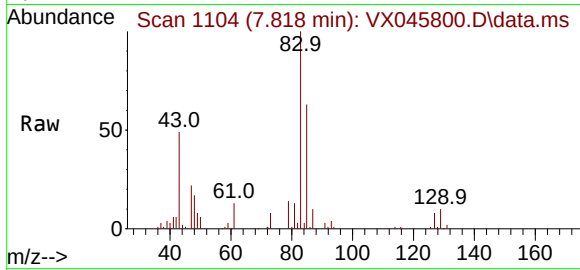
Tgt Ion:	83	Resp:	3580
Ion	Ratio	Lower	Upper
83	100		
85	63.3	49.7	74.5
127	7.8	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#48

Methyl methacrylate

Concen: 20.023 ug/l

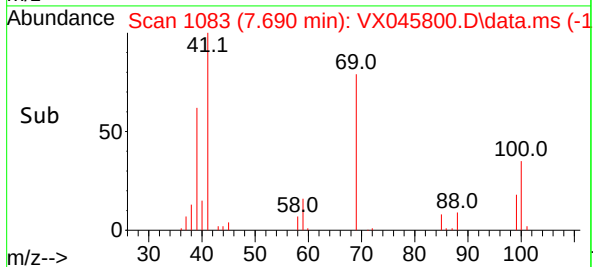
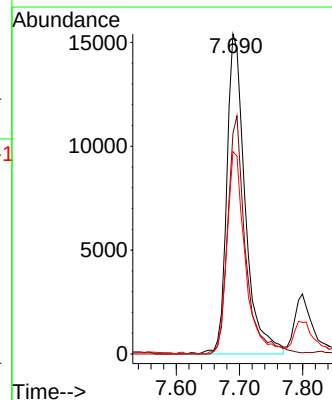
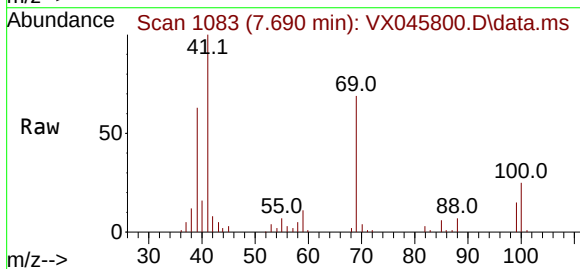
RT: 7.690 min Scan# 1083

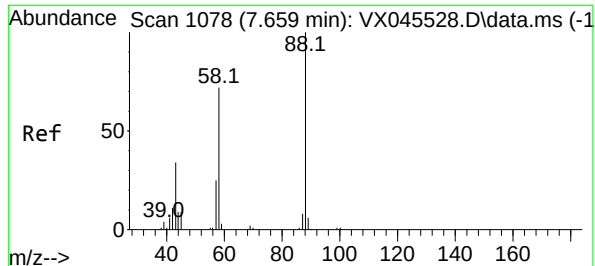
Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion:	41	Resp:	30857
Ion	Ratio	Lower	Upper
41	100		
69	71.6	58.2	87.2
39	63.6	53.6	80.4





#49

1,4-Dioxane

Concen: 405.891 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 88 Resp: 1131

Ion Ratio Lower Upper

88 100

43 43.3 32.2 48.4

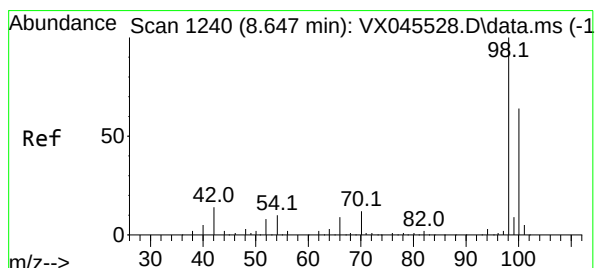
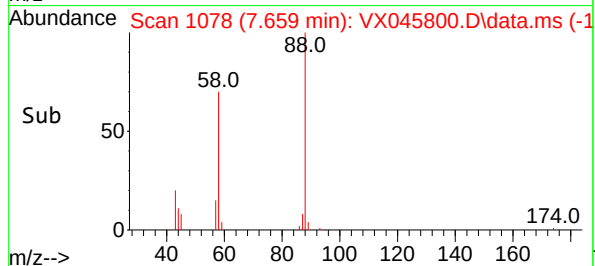
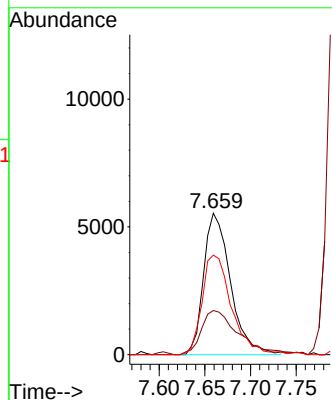
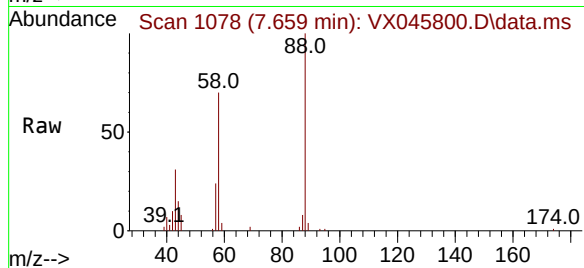
58 77.0 58.6 88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#50

Toluene-d8

Concen: 51.561 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045800.D

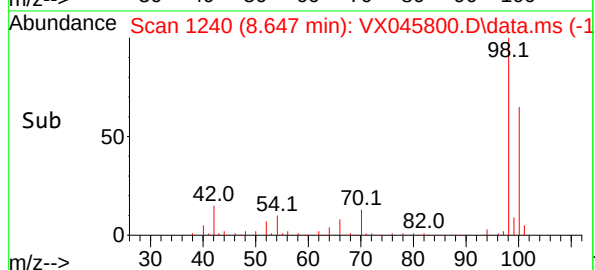
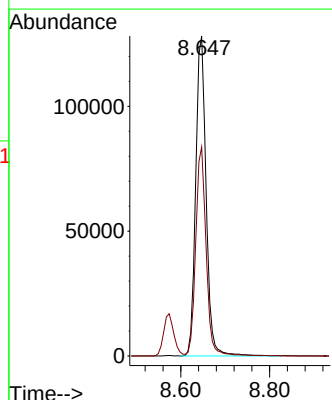
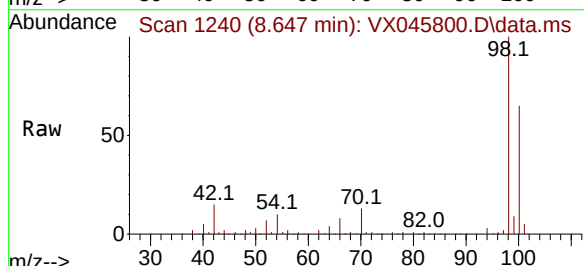
Acq: 16 Apr 2025 12:11

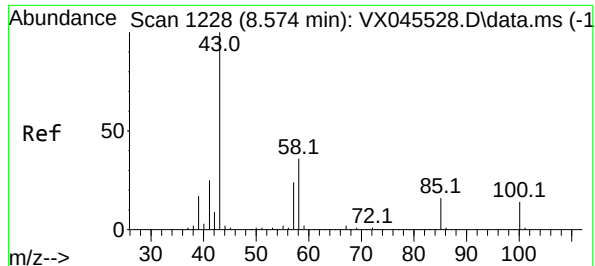
Tgt Ion: 98 Resp: 208286

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4





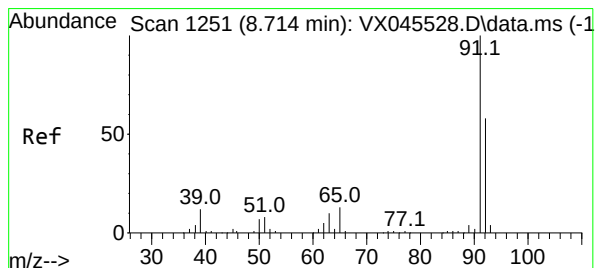
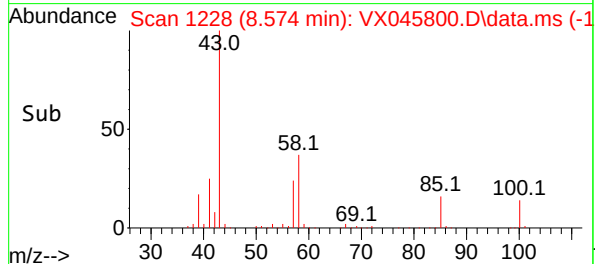
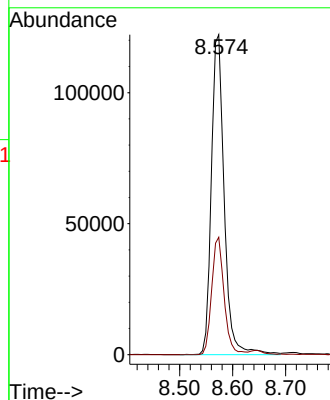
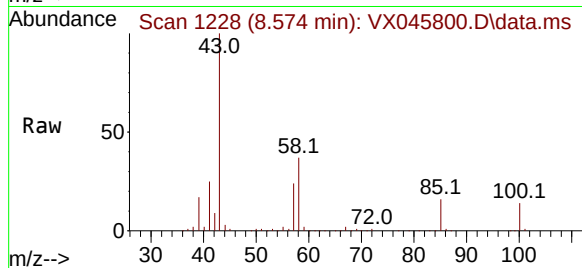
#51
4-Methyl-2-Pentanone
Concen: 103.922 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 43 Resp: 20562
Ion Ratio Lower Upper
43 100
58 35.6 28.5 42.7

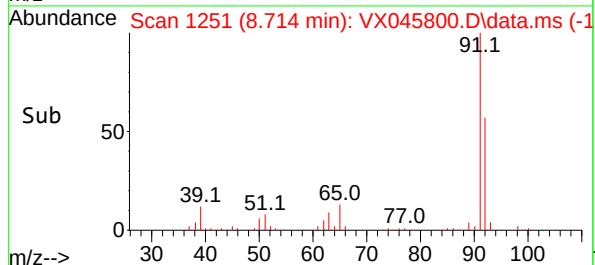
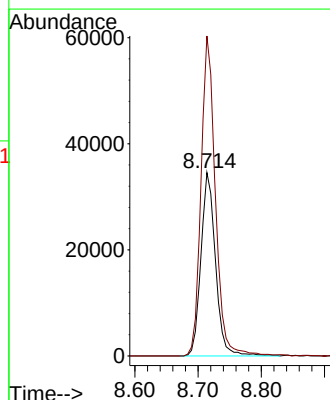
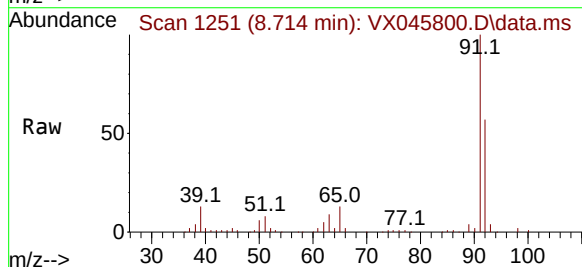
Manual Integrations
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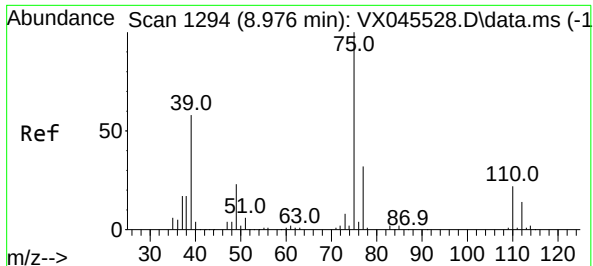
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#52
Toluene
Concen: 19.244 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 92 Resp: 55575
Ion Ratio Lower Upper
92 100
91 172.2 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 18.634 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 75 Resp: 3007

Ion Ratio Lower Upper

75 100

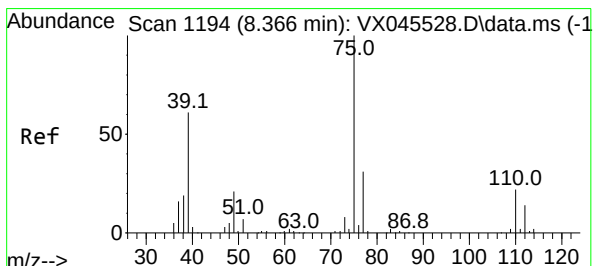
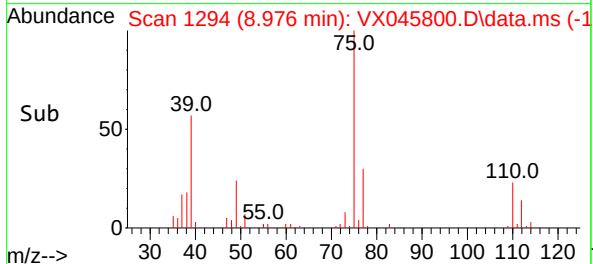
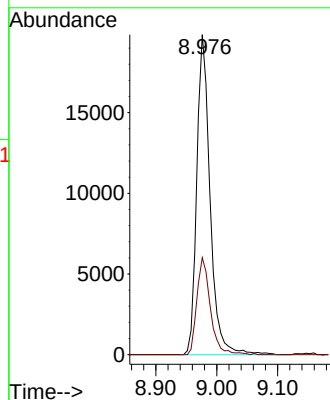
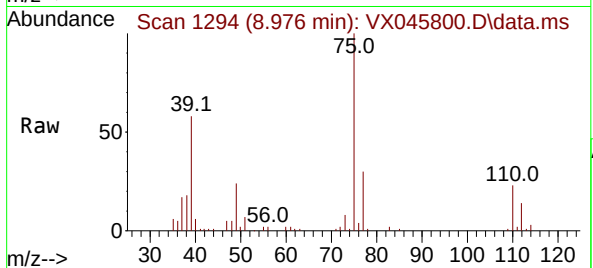
77 30.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#54

cis-1,3-Dichloropropene

Concen: 20.369 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

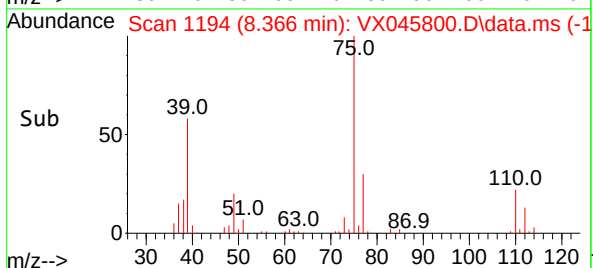
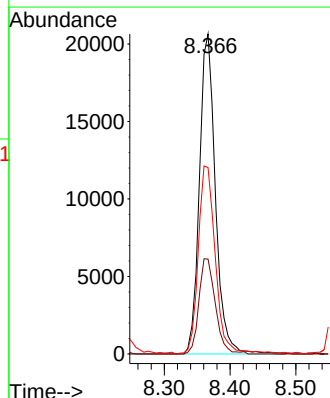
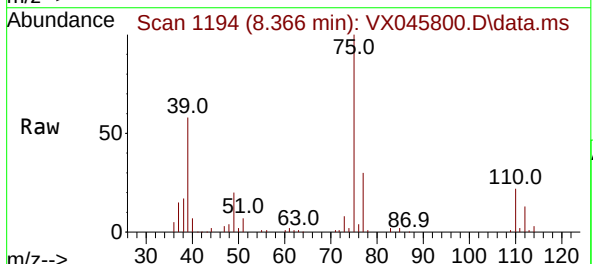
Tgt Ion: 75 Resp: 34942

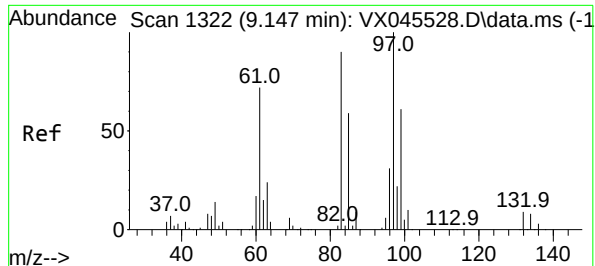
Ion Ratio Lower Upper

75 100

77 29.7 24.6 36.8

39 58.0 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 20.254 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 97 Resp: 23308

Ion Ratio Lower Upper

97 100

83 83.9 71.8 107.8

85 56.9 47.0 70.6

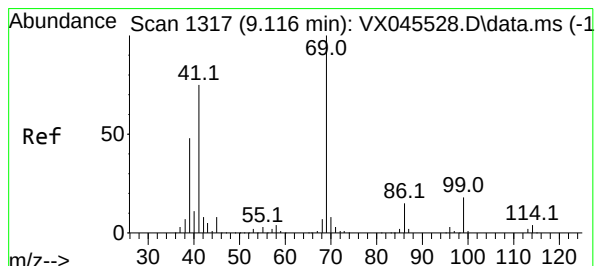
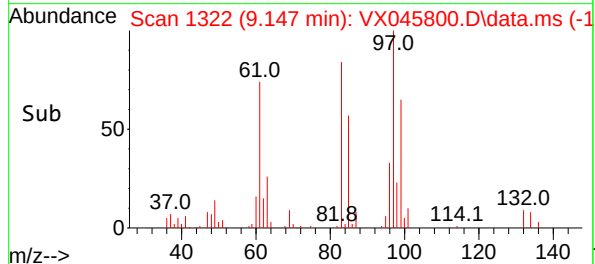
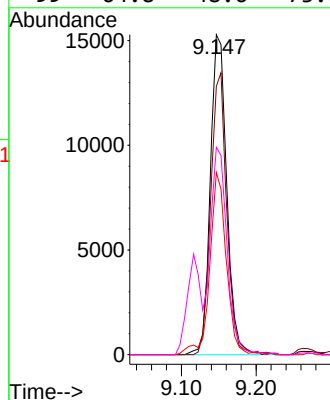
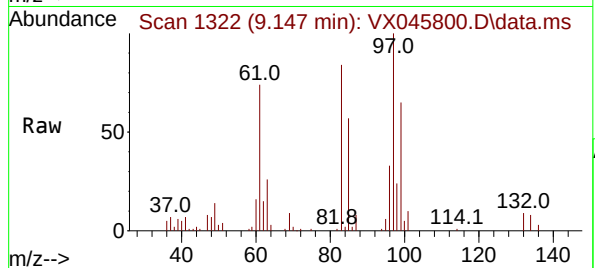
99 64.8 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#56

Ethyl methacrylate

Concen: 20.405 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

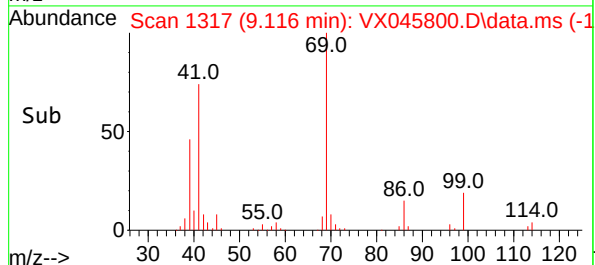
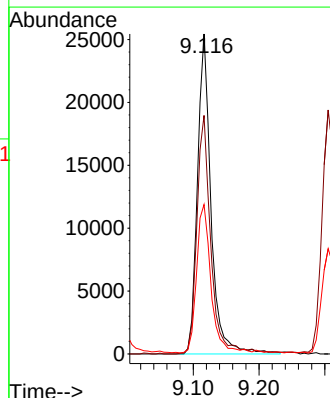
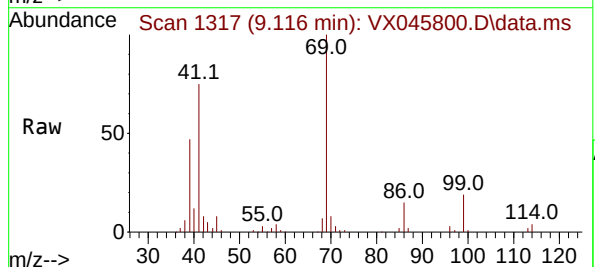
Tgt Ion: 69 Resp: 36340

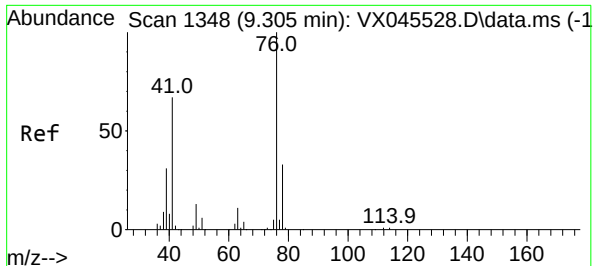
Ion Ratio Lower Upper

69 100

41 78.0 61.3 91.9

39 49.0 40.2 60.2





#57

1,3-Dichloropropane

Concen: 20.149 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 76 Resp: 4037

Ion Ratio Lower Upper

76 100

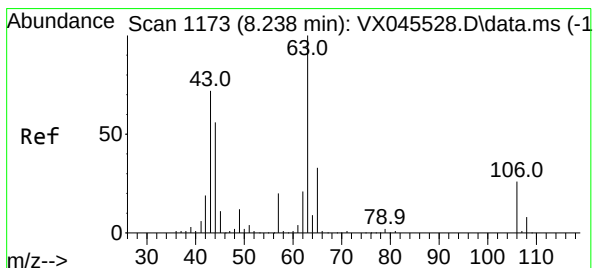
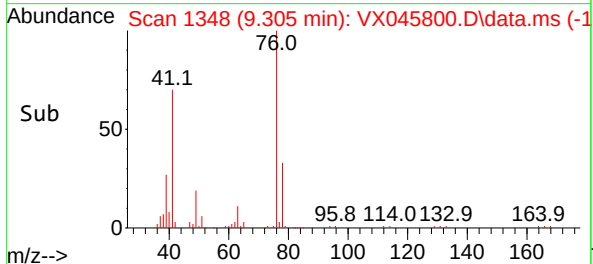
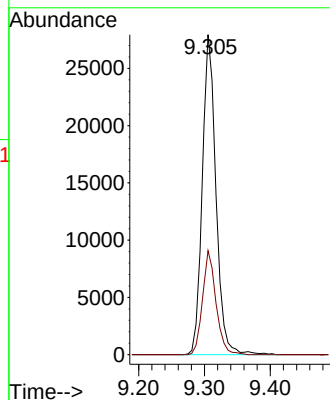
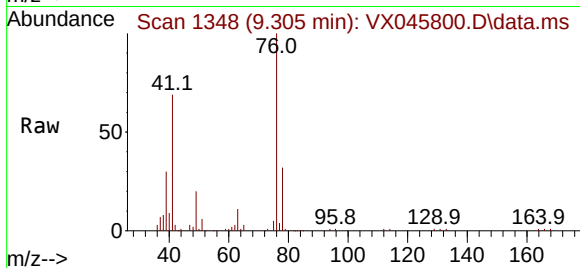
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 94.380 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045800.D

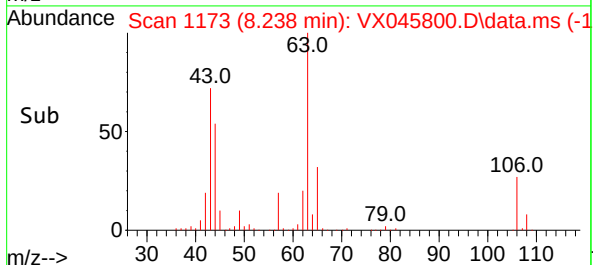
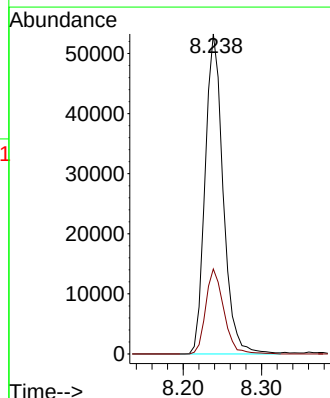
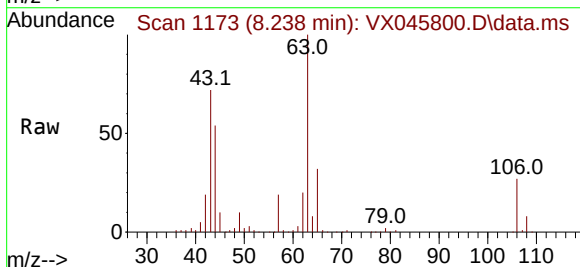
Acq: 16 Apr 2025 12:11

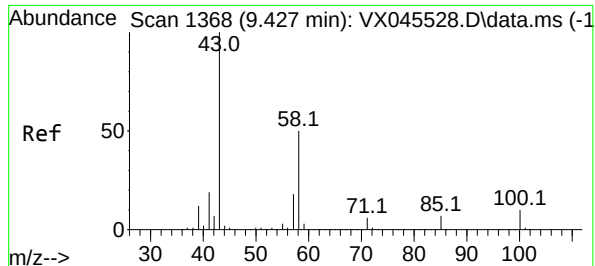
Tgt Ion: 63 Resp: 85031

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.6





#59

2-Hexanone

Concen: 103.202 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 43 Resp: 15121

Ion Ratio Lower Upper

43 100

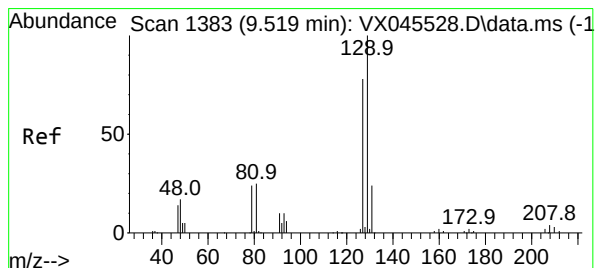
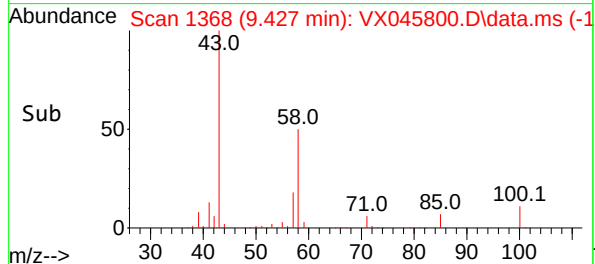
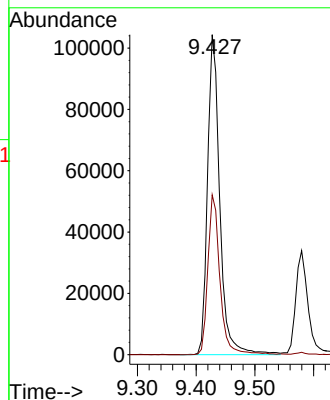
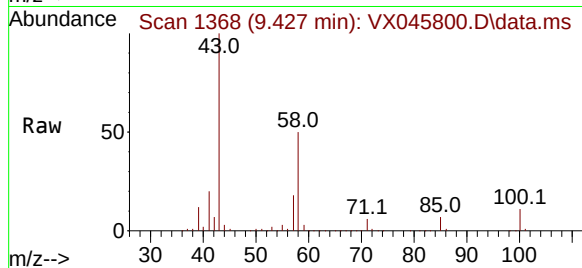
58 49.5 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#60

Dibromochloromethane

Concen: 20.024 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045800.D

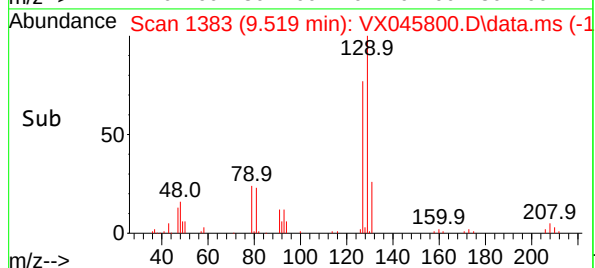
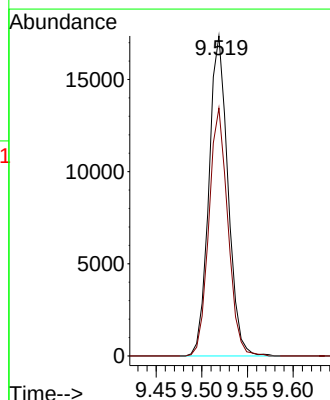
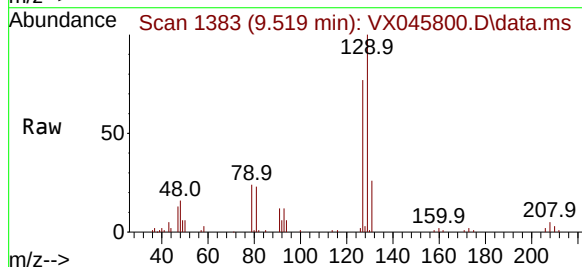
Acq: 16 Apr 2025 12:11

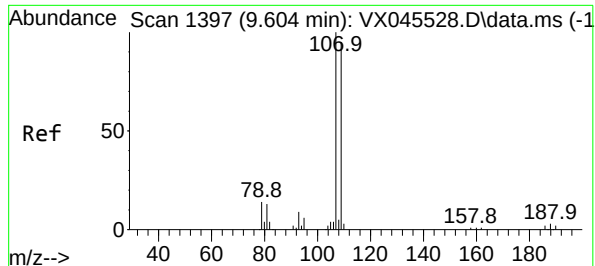
Tgt Ion:129 Resp: 25122

Ion Ratio Lower Upper

129 100

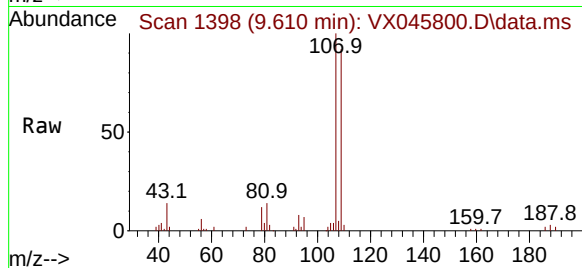
127 77.0 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.182 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

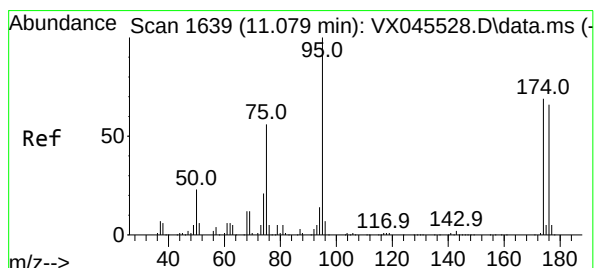
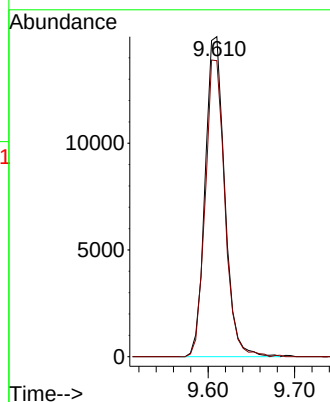
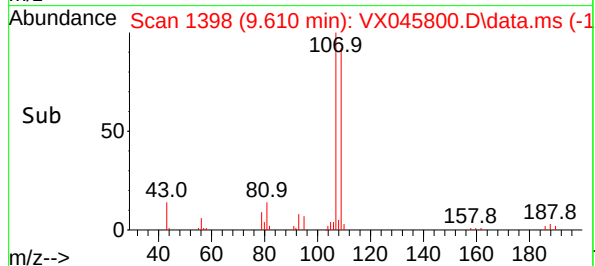
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion:107 Resp: 2351
Ion Ratio Lower Upper
107 100
109 93.1 75.7 113.5

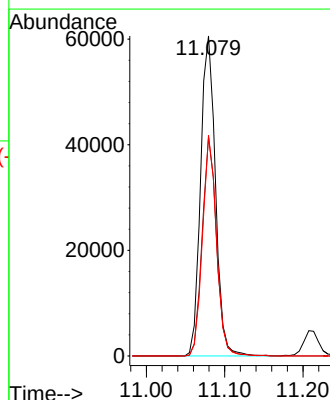
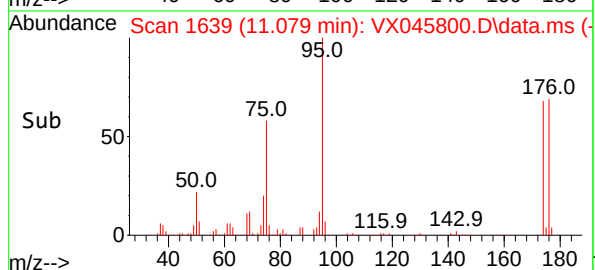
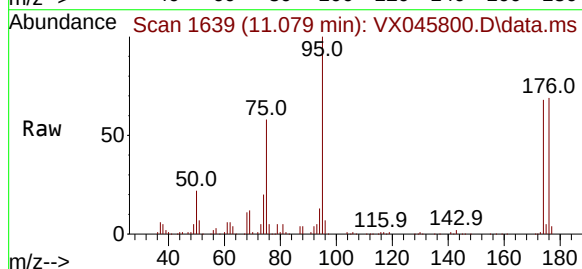
Manual Integrations
APPROVED

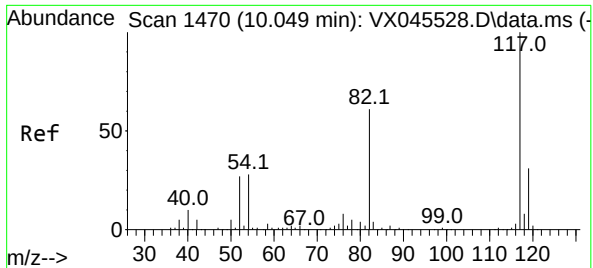
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#62
4-Bromofluorobenzene
Concen: 54.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

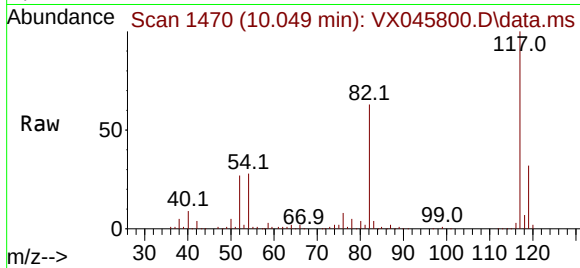
Tgt Ion: 95 Resp: 79824
Ion Ratio Lower Upper
95 100
174 65.8 0.0 135.8
176 64.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

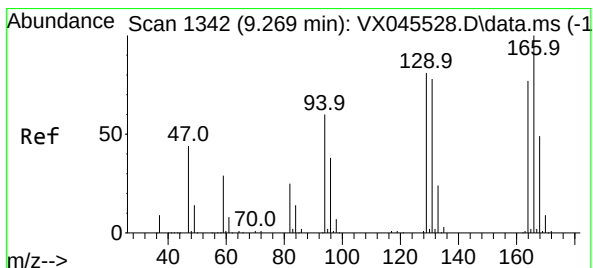
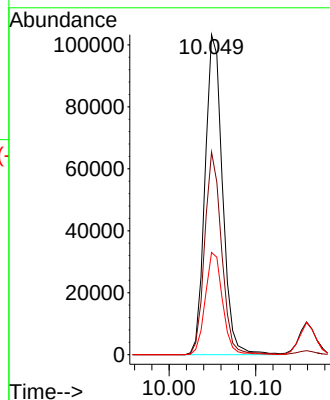
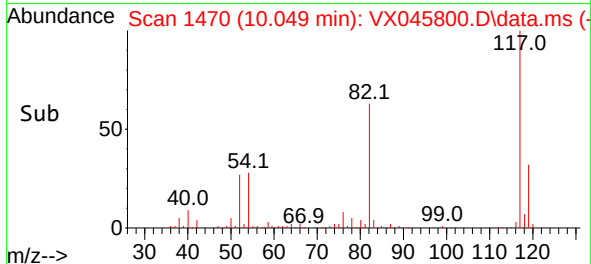
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion:117 Resp: 144629
Ion Ratio Lower Upper
117 100
82 63.3 49.2 73.8
119 31.9 25.1 37.7

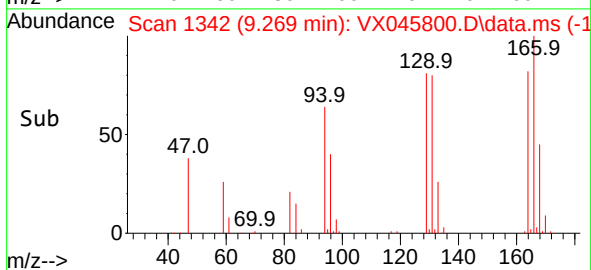
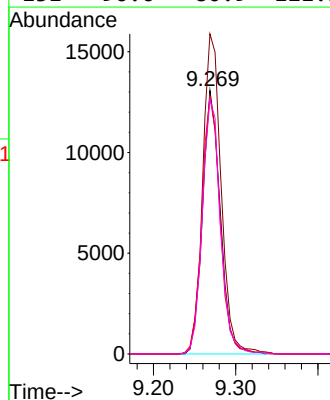
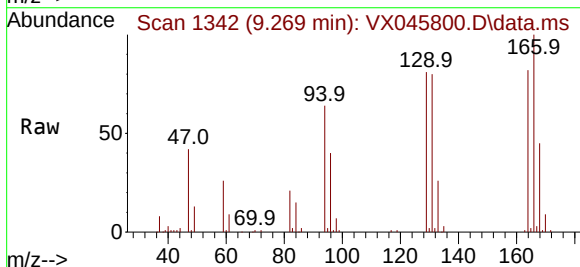
Manual Integrations
APPROVED

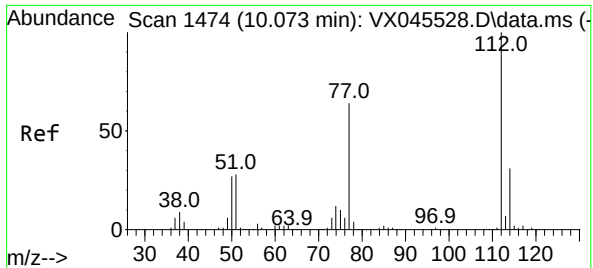
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#64
Tetrachloroethene
Concen: 19.227 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion:164 Resp: 19633
Ion Ratio Lower Upper
164 100
166 121.5 103.8 155.8
129 97.8 84.3 126.5
131 96.6 80.9 121.3





#65

Chlorobenzene

Concen: 19.362 ug/l

RT: 10.080 min Scan# 1474

Delta R.T. 0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion:112 Resp: 5983

Ion Ratio Lower Upper

112 100

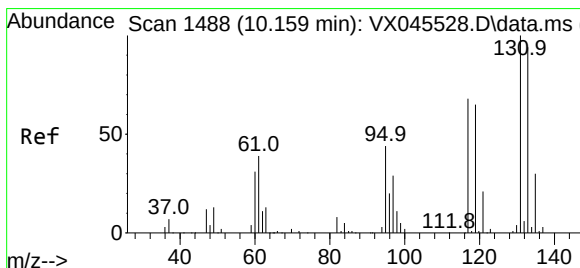
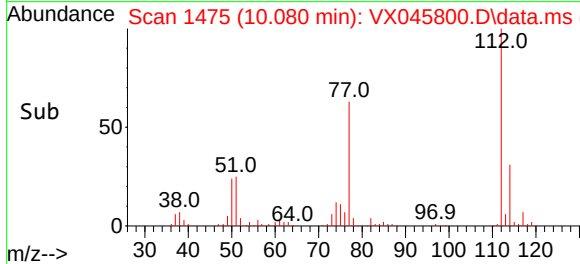
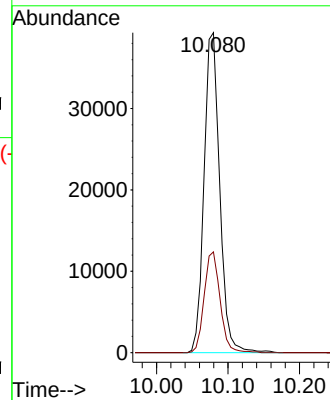
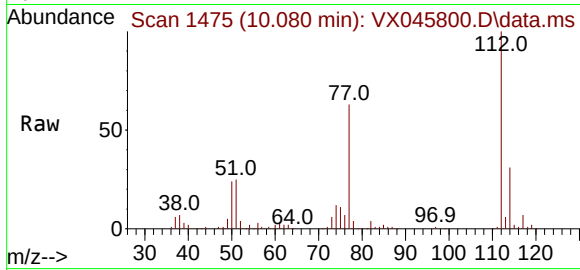
114 31.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 20.072 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

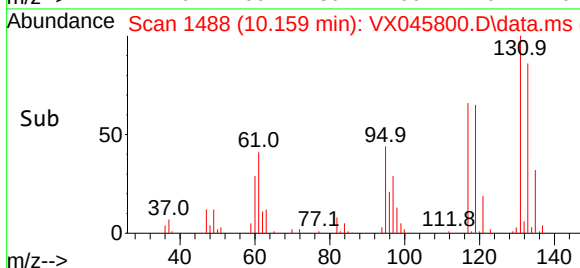
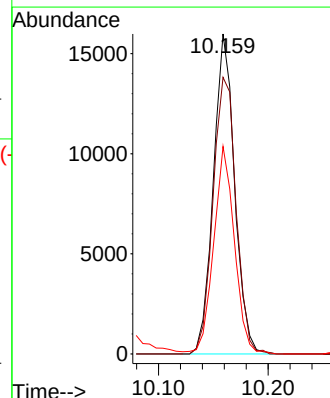
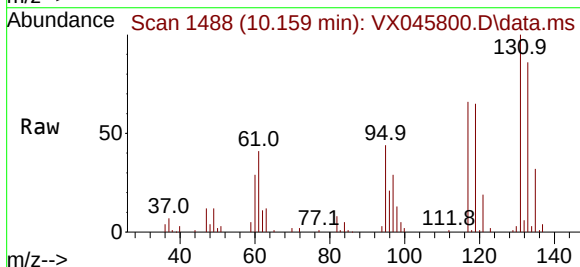
Tgt Ion:131 Resp: 21536

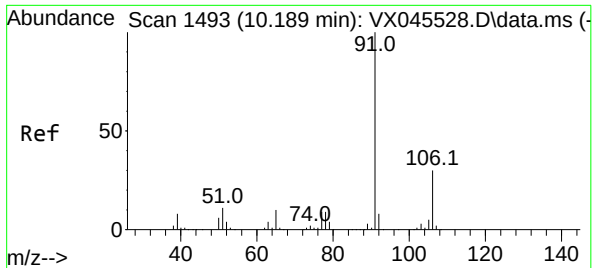
Ion Ratio Lower Upper

131 100

133 93.6 47.5 142.5

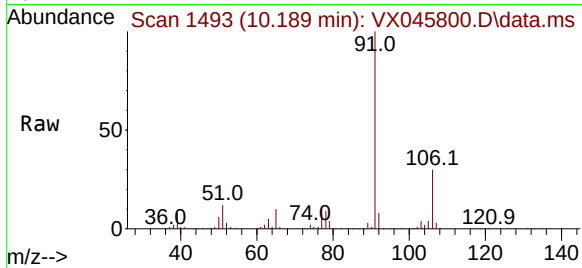
119 63.5 32.9 98.6





#67
Ethyl Benzene
Concen: 19.569 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

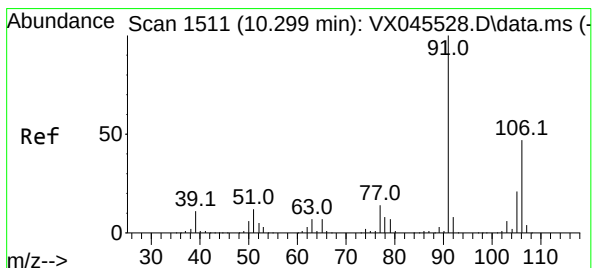
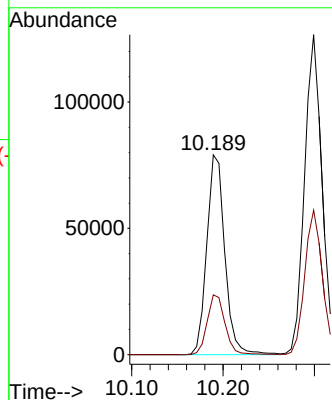
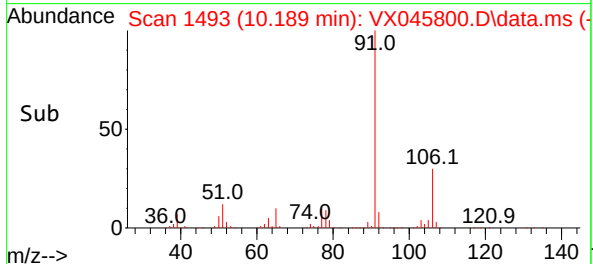
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 91 Resp: 108314
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5

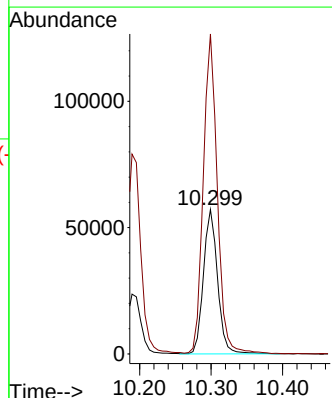
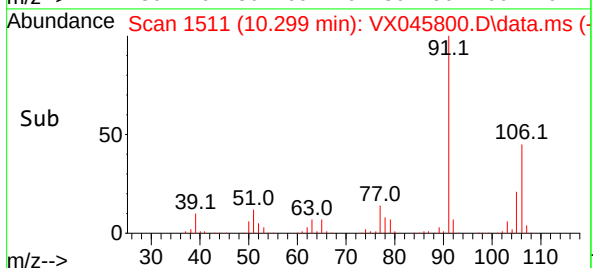
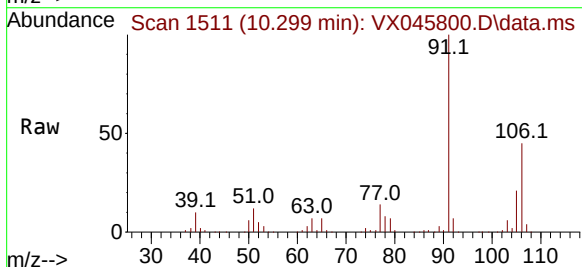
Manual Integrations
APPROVED

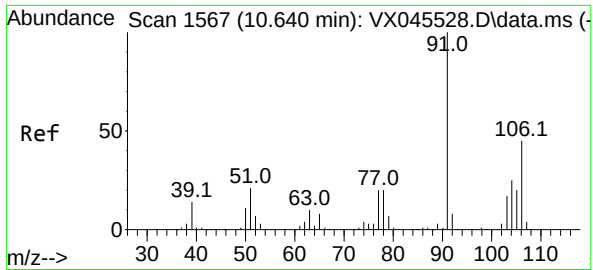
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#68
m/p-Xylenes
Concen: 38.972 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion:106 Resp: 78456
Ion Ratio Lower Upper
106 100
91 219.7 172.6 258.8





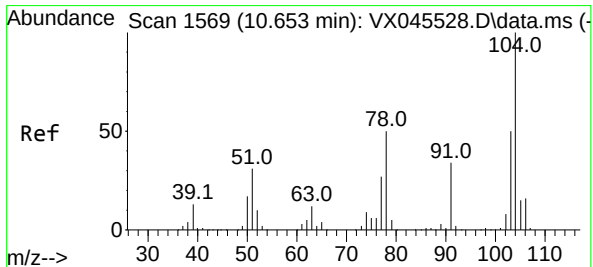
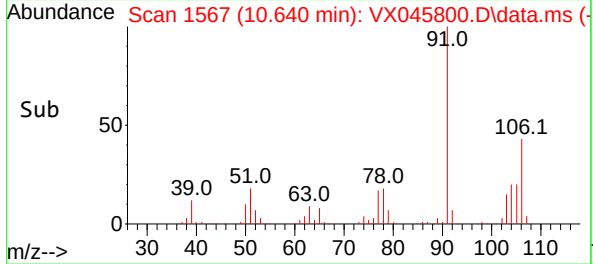
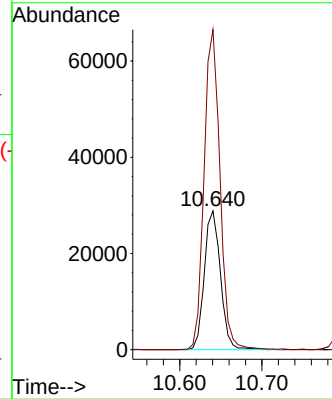
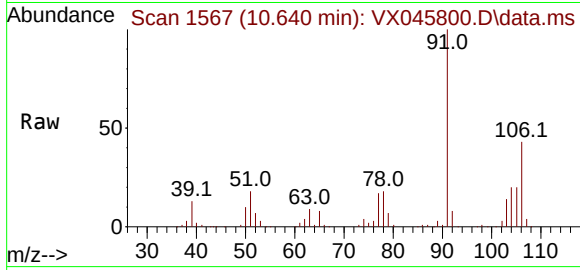
#69
o-Xylene
Concen: 19.858 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion:106 Resp: 3938
Ion Ratio Lower Upper
106 100
91 227.6 113.6 340.6

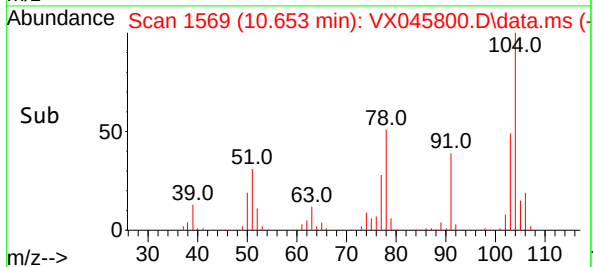
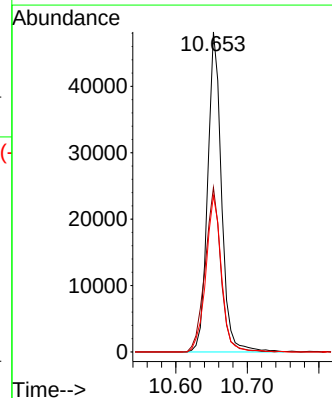
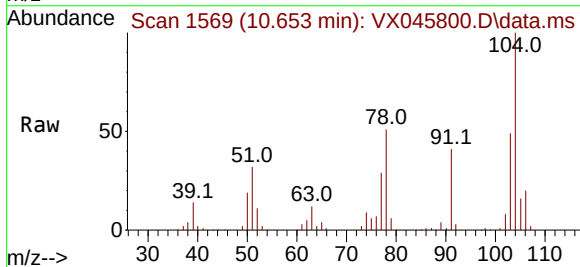
Manual Integrations
APPROVED

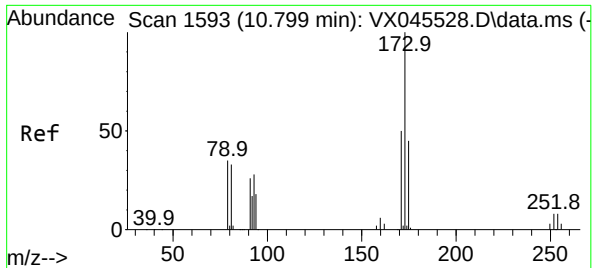
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#70
Styrene
Concen: 19.852 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

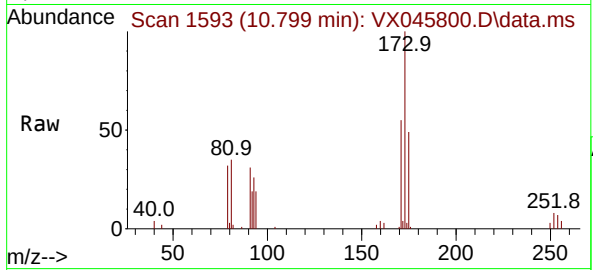
Tgt Ion:104 Resp: 64978
Ion Ratio Lower Upper
104 100
78 58.6 45.4 68.2
103 54.8 43.8 65.8





#71
Bromoform
Concen: 19.380 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

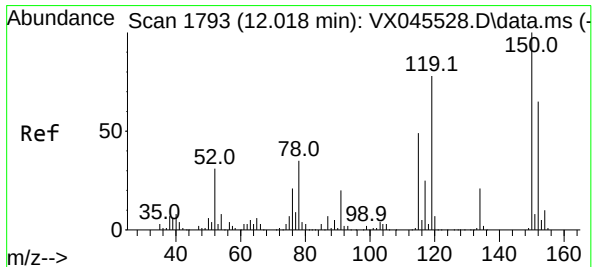
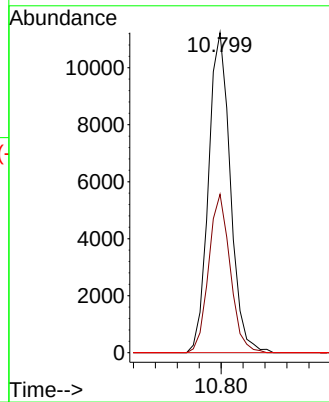
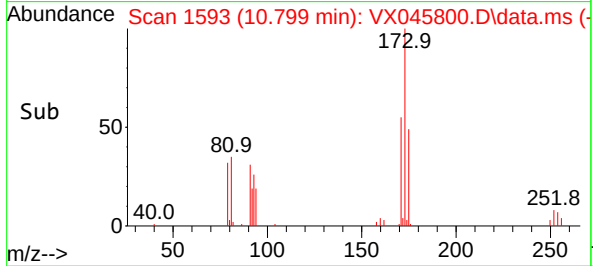
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion:173 Resp: 15520
Ion Ratio Lower Upper
173 100
175 48.7 23.4 70.2
254 0.0 0.0 0.0

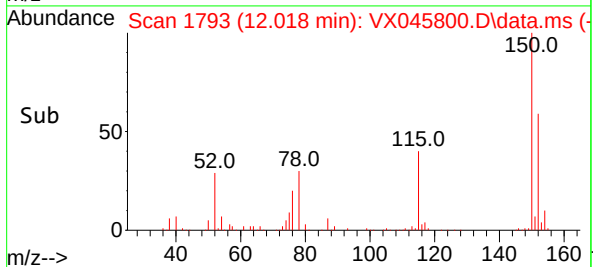
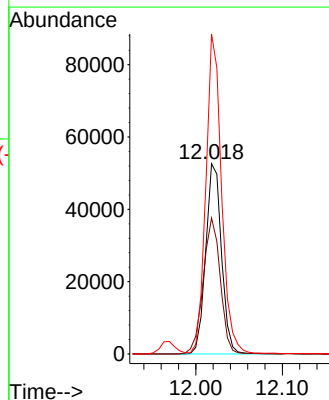
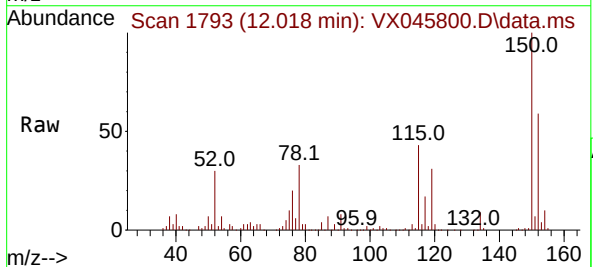
Manual Integrations
APPROVED

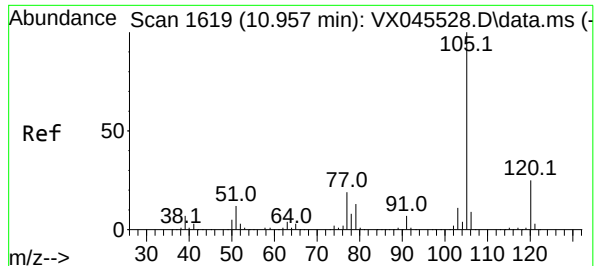
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion:152 Resp: 66591
Ion Ratio Lower Upper
152 100
115 77.4 46.9 140.7
150 166.3 0.0 349.4





#73

Isopropylbenzene

Concen: 19.471 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion:105 Resp: 103860

Ion Ratio Lower Upper

105 100

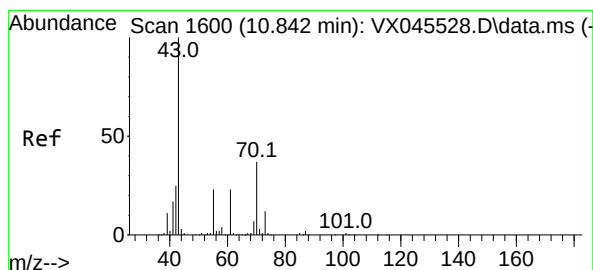
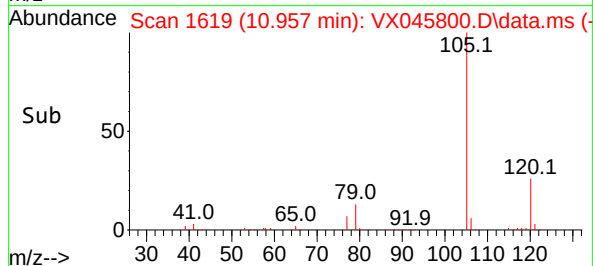
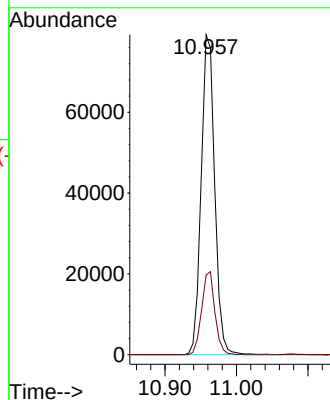
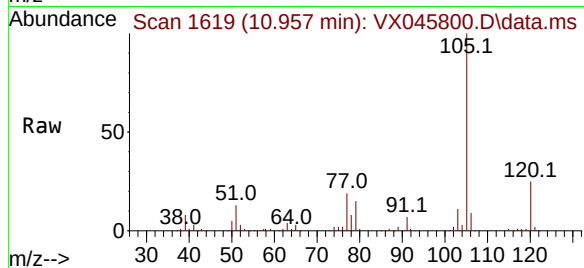
120 25.5 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#74

N-ethyl acetate

Concen: 19.598 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion: 43 Resp: 50004

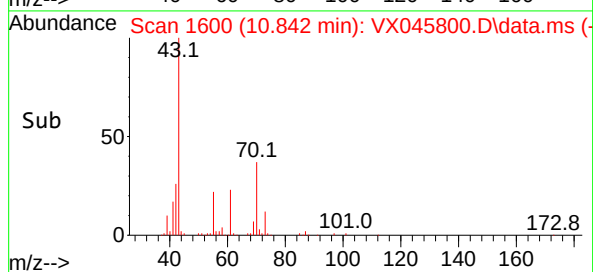
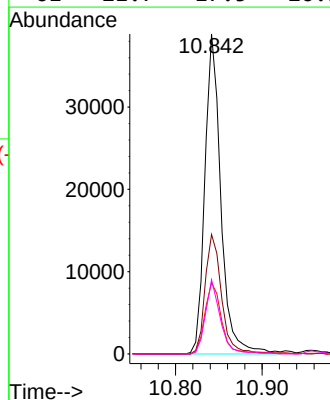
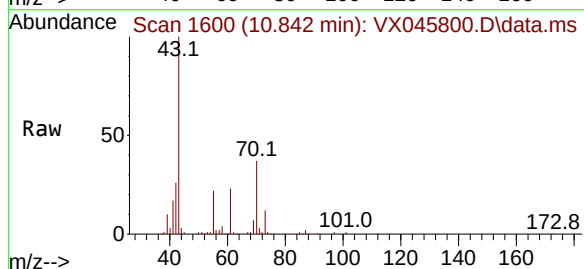
Ion Ratio Lower Upper

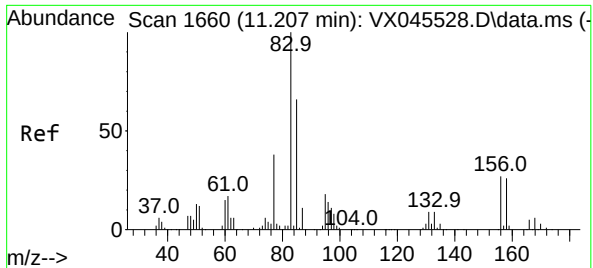
43 100

70 38.7 30.1 45.1

55 23.6 18.3 27.5

61 21.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.405 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 83 Resp: 3636

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

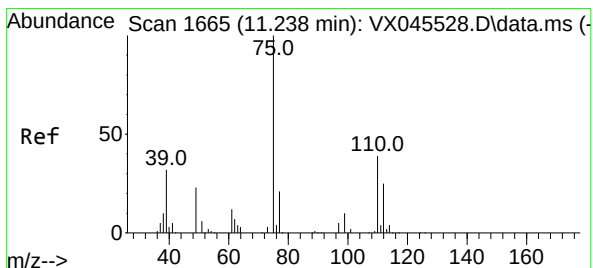
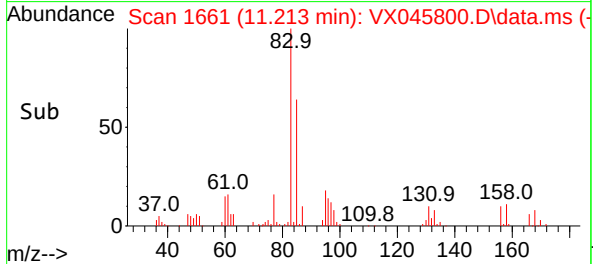
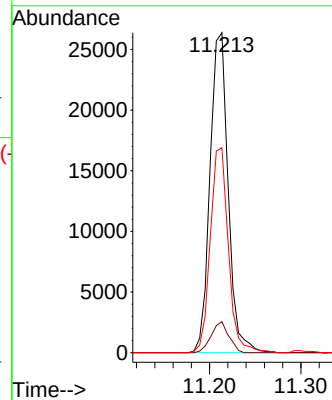
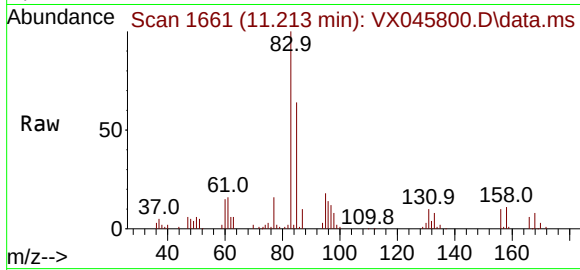
85 63.9 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#76

1,2,3-Trichloropropane

Concen: 19.570 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX045800.D

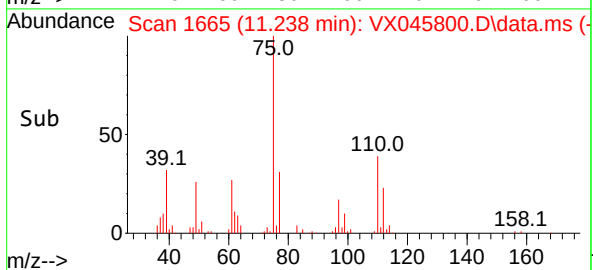
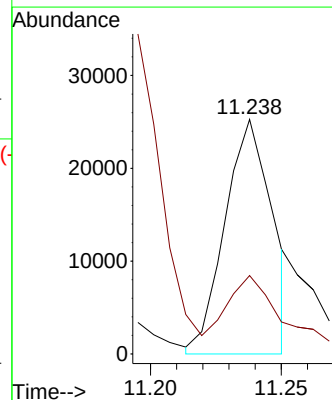
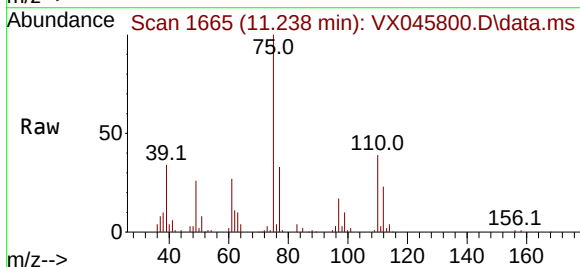
Acq: 16 Apr 2025 12:11

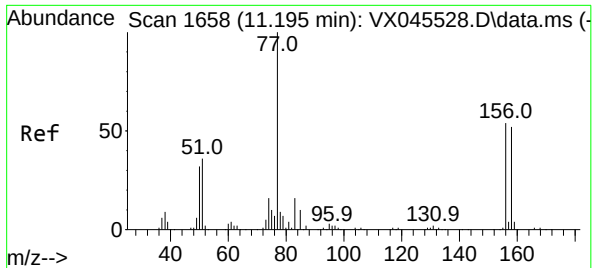
Tgt Ion: 75 Resp: 31787

Ion Ratio Lower Upper

75 100

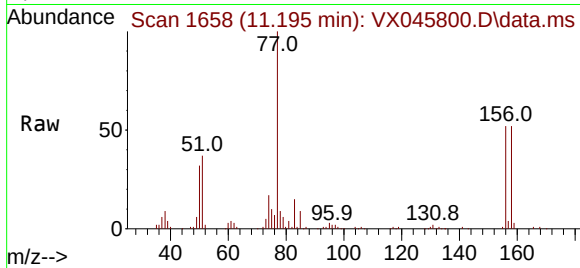
77 41.1 20.0 59.9





#77
Bromobenzene
Concen: 19.199 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

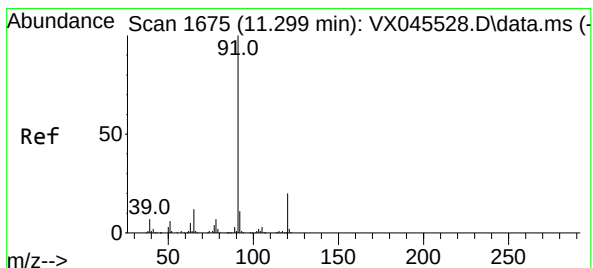
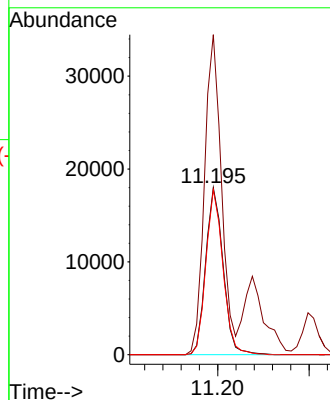
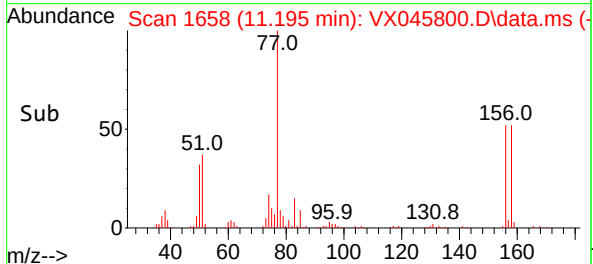
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



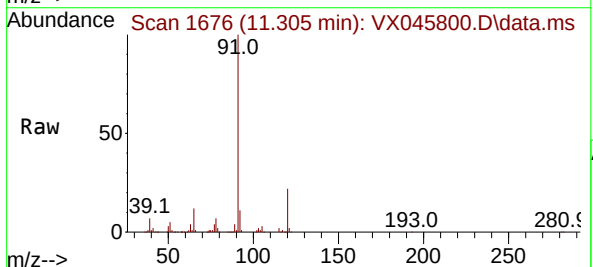
Tgt Ion:156 Resp: 23662
Ion Ratio Lower Upper
156 100
77 187.2 92.6 277.8
158 97.5 48.1 144.4

Manual Integrations
APPROVED

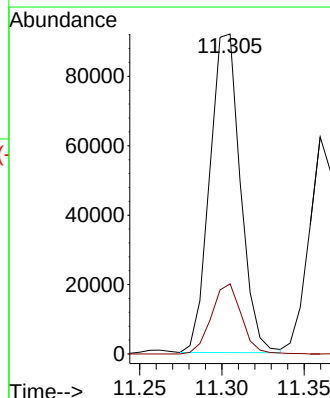
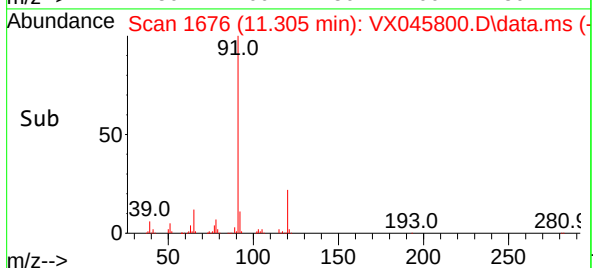
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

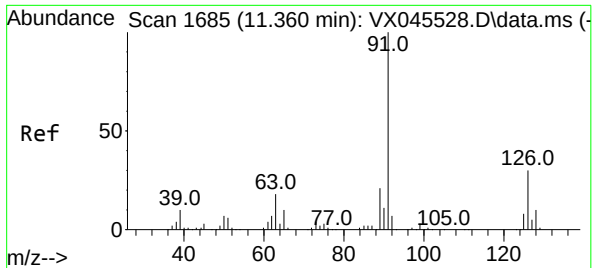


#78
n-propylbenzene
Concen: 19.380 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11



Tgt Ion: 91 Resp: 119070
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





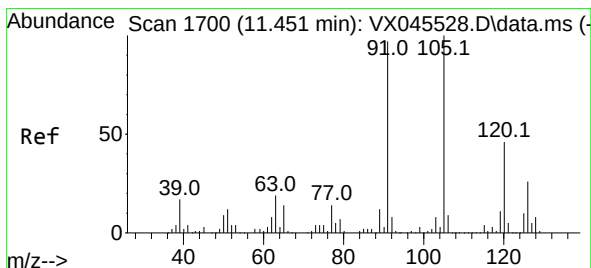
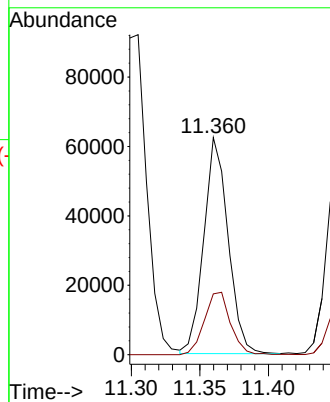
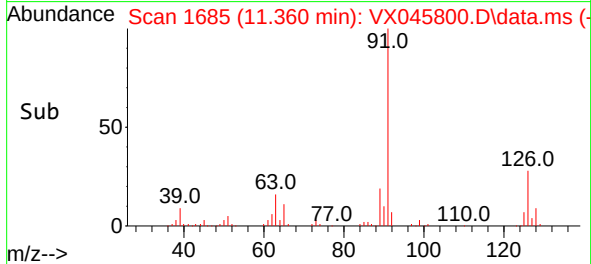
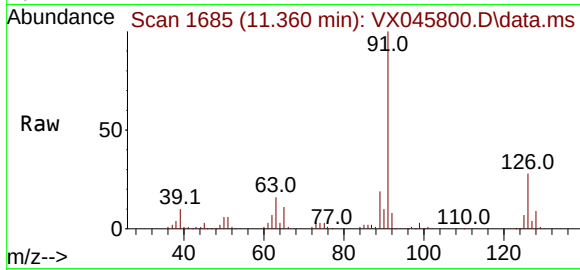
#79
2-Chlorotoluene
Concen: 19.526 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 91 Resp: 7669
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4

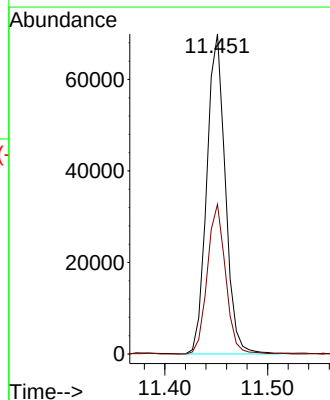
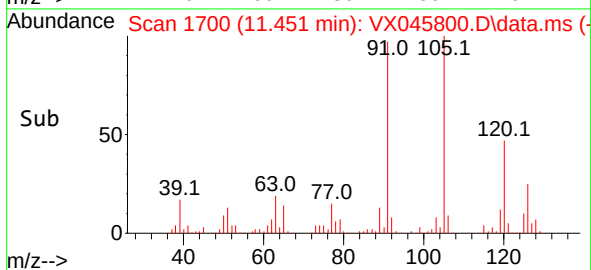
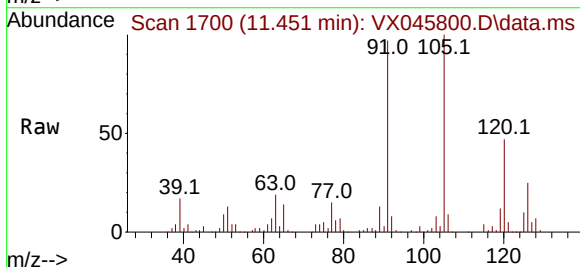
Manual Integrations
APPROVED

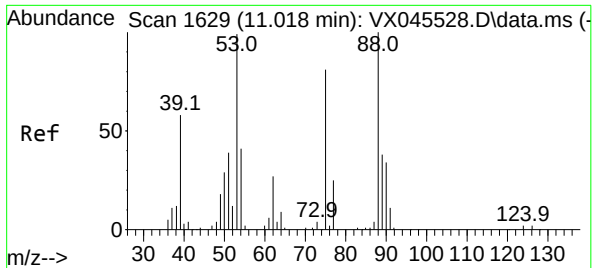
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.865 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion:105 Resp: 87621
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





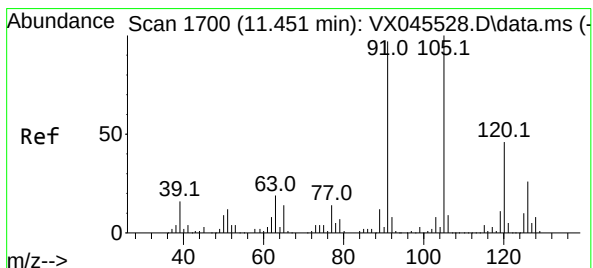
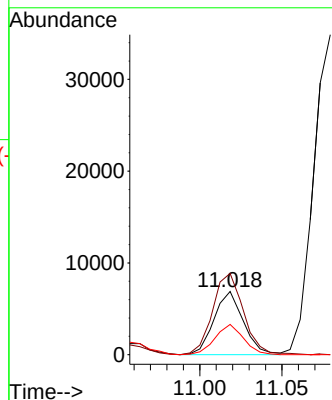
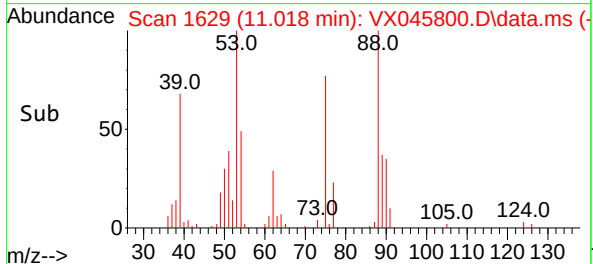
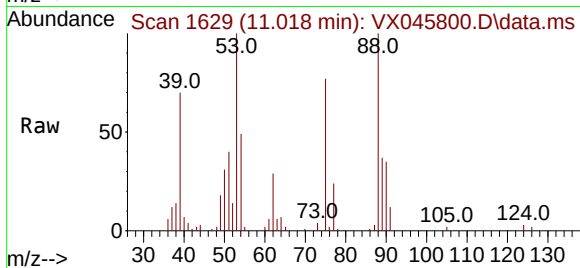
#81
trans-1,4-Dichloro-2-butene
Concen: 17.971 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 75 Resp: 860
Ion Ratio Lower Upper
75 100
53 135.0 101.8 152.6
89 46.0 37.2 55.8

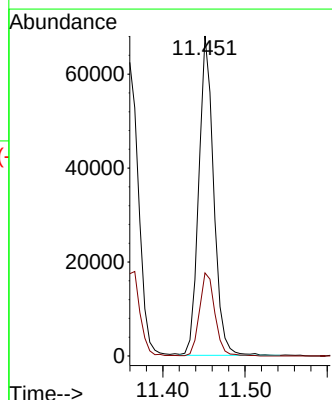
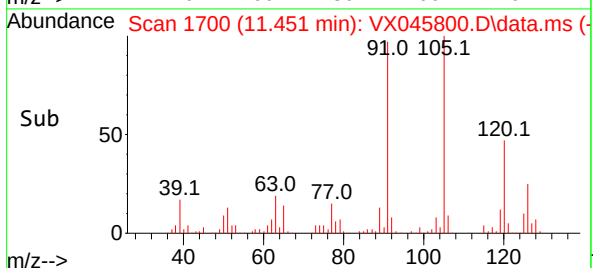
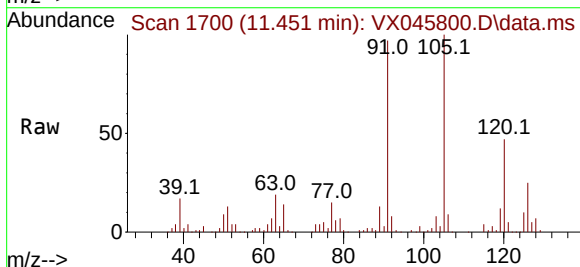
Manual Integrations
APPROVED

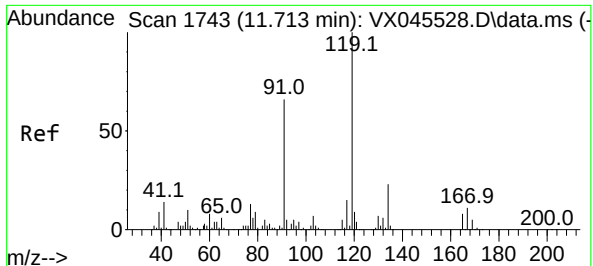
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#82
4-Chlorotoluene
Concen: 19.578 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 91 Resp: 85739
Ion Ratio Lower Upper
91 100
126 27.0 13.3 39.9





#83

tert-Butylbenzene

Concen: 19.929 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion:119 Resp: 87028

Ion Ratio Lower Upper

119 100

91 67.6 32.4 97.2

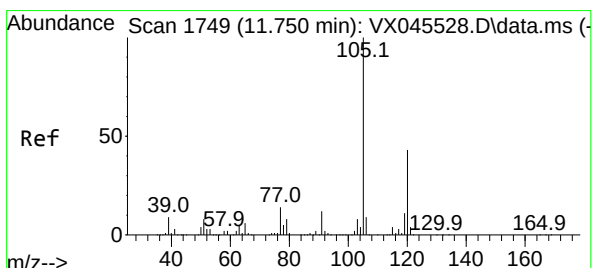
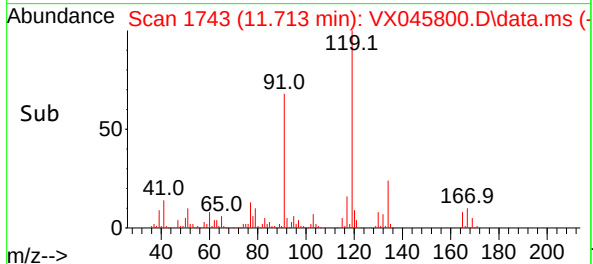
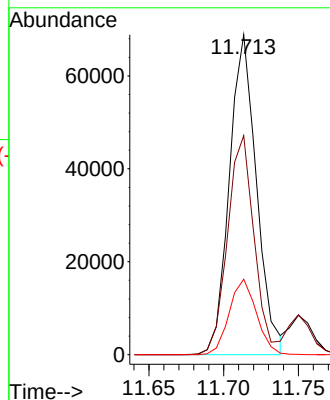
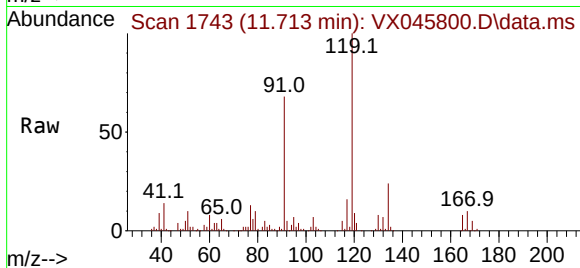
134 23.6 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.913 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045800.D

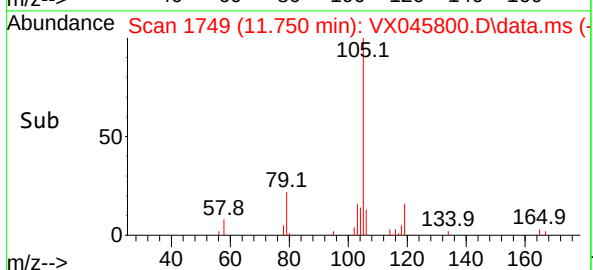
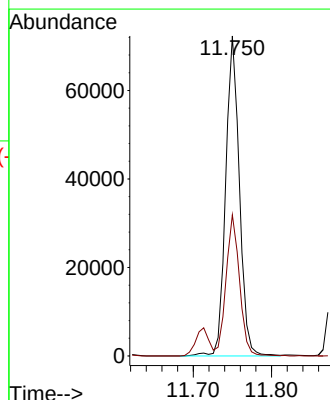
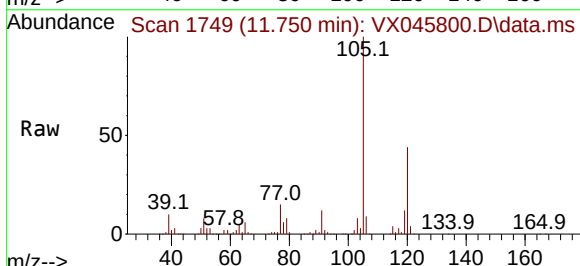
Acq: 16 Apr 2025 12:11

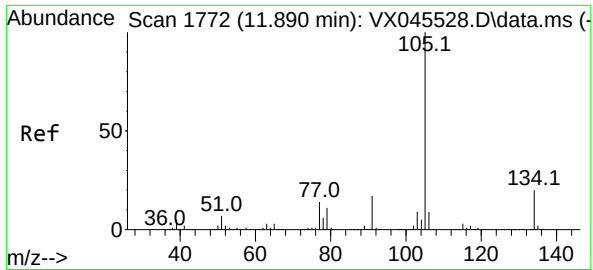
Tgt Ion:105 Resp: 88156

Ion Ratio Lower Upper

105 100

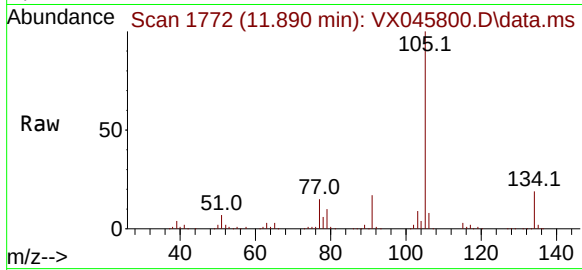
120 43.5 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 20.067 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045800.D
 Acq: 16 Apr 2025 12:11

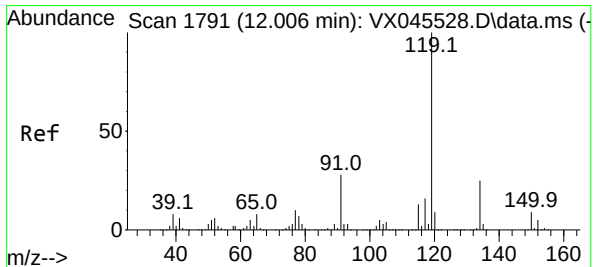
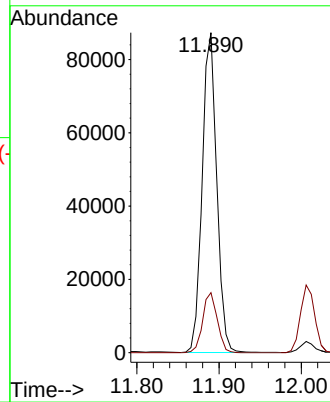
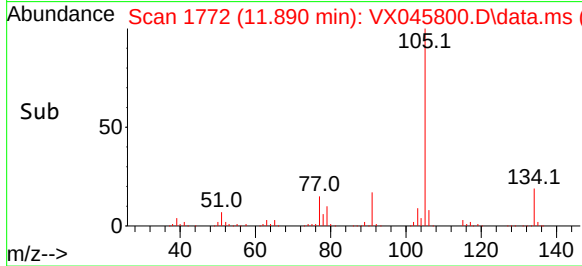
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01



Tgt Ion:105 Resp: 10762
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

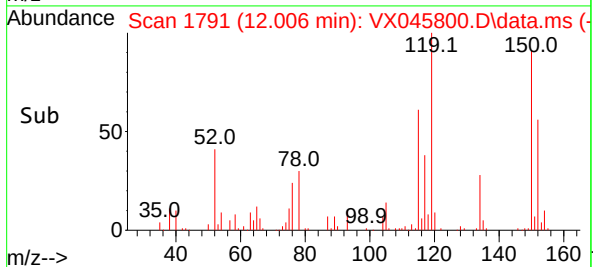
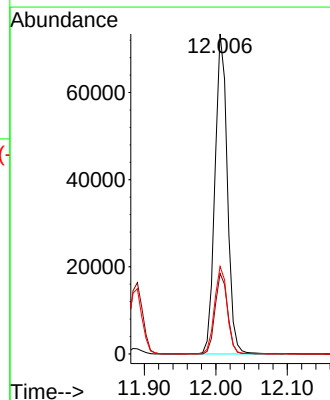
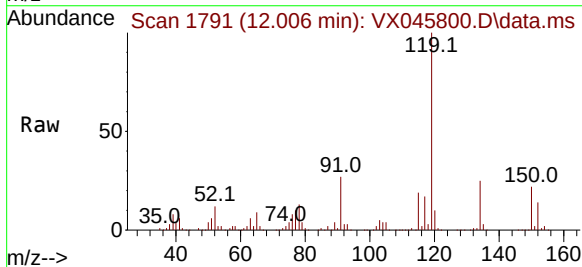
Manual Integrations
 APPROVED

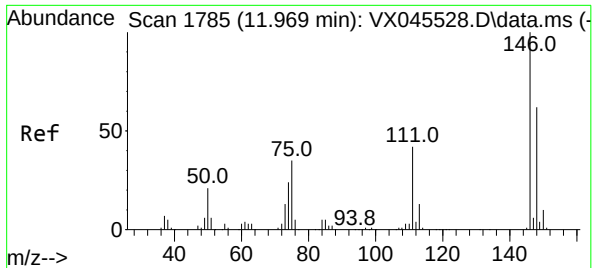
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#86
 p-Isopropyltoluene
 Concen: 19.973 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045800.D
 Acq: 16 Apr 2025 12:11

Tgt Ion:119 Resp: 88318
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 27.9 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 19.326 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

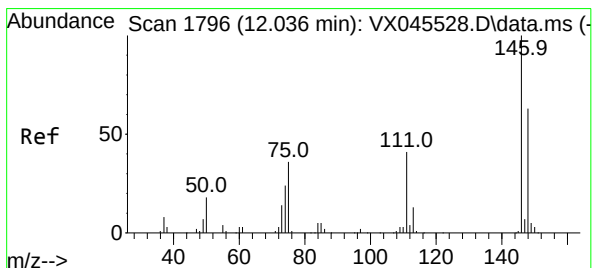
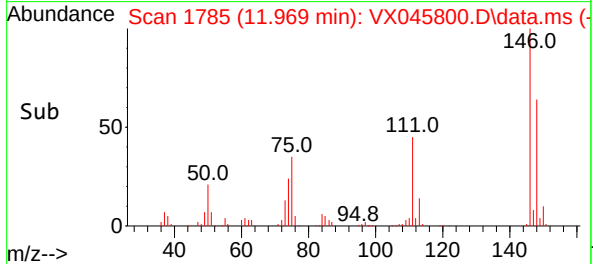
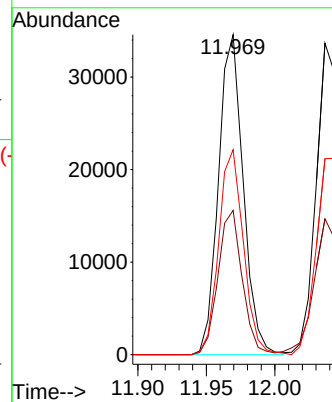
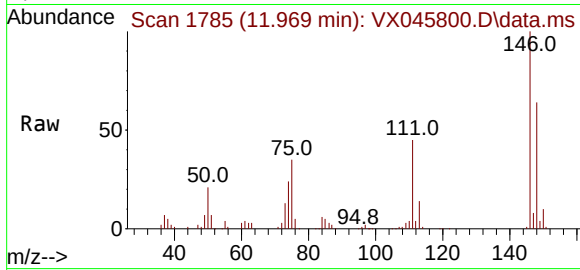
Tgt Ion:	146	Resp:	4335
Ion Ratio	Lower	Upper	
146	100		
111	44.3	22.2	66.6
148	64.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#88

1,4-Dichlorobenzene

Concen: 19.110 ug/l

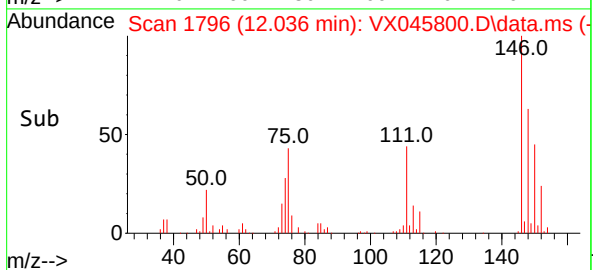
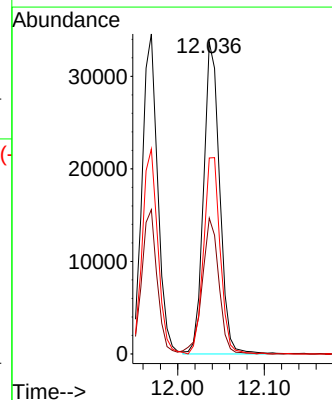
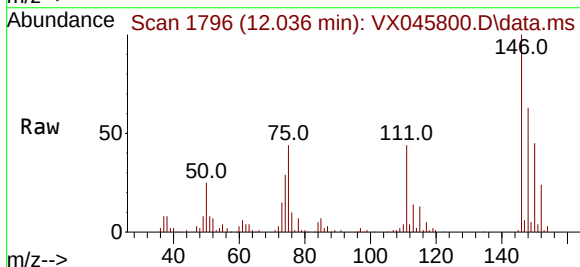
RT: 12.036 min Scan# 1796

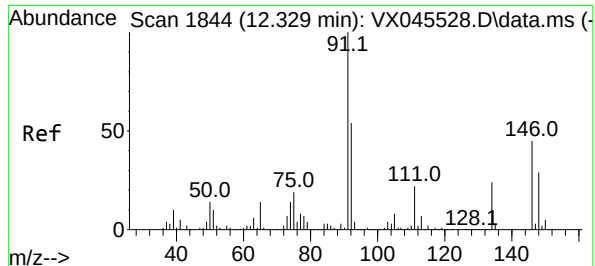
Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion:	146	Resp:	43462
Ion Ratio	Lower	Upper	
146	100		
111	45.1	20.9	62.8
148	65.1	31.5	94.5





#89

n-Butylbenzene

Concen: 19.176 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 91 Resp: 73529

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.6

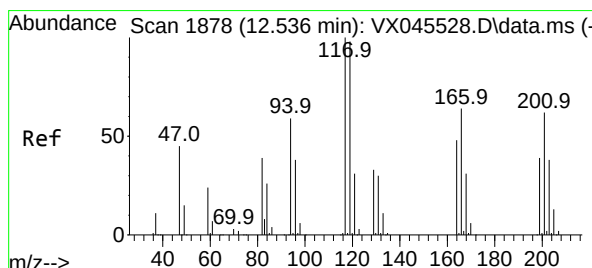
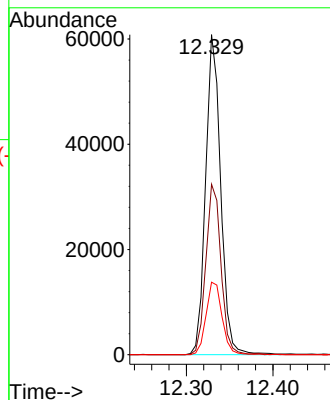
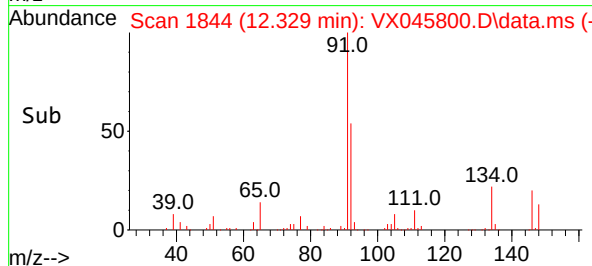
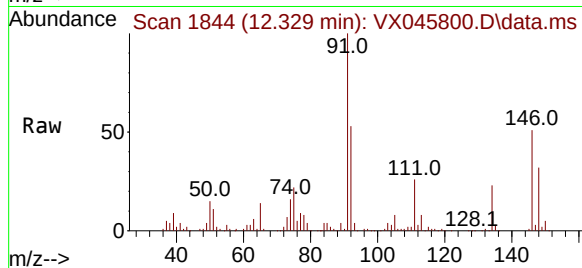
134 24.1 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#90

Hexachloroethane

Concen: 19.220 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045800.D

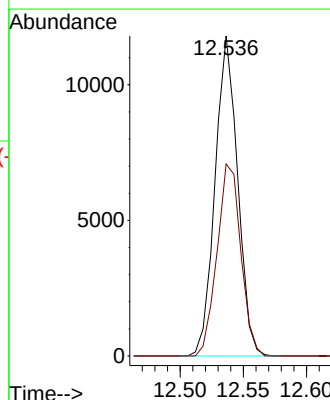
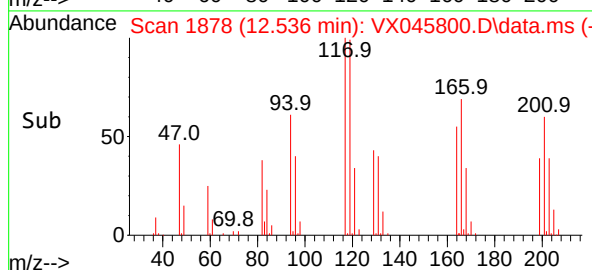
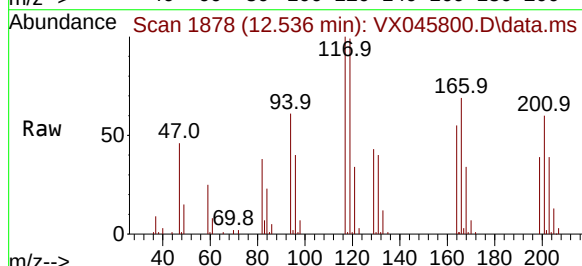
Acq: 16 Apr 2025 12:11

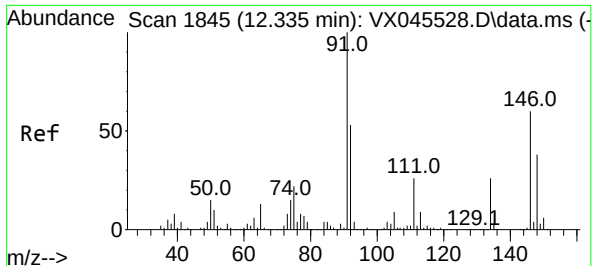
Tgt Ion:117 Resp: 14606

Ion Ratio Lower Upper

117 100

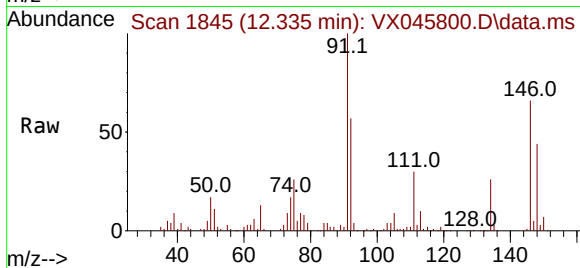
201 63.3 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 19.675 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

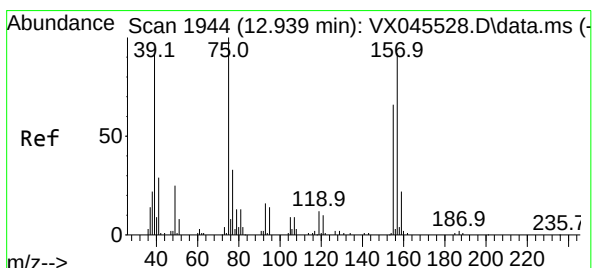
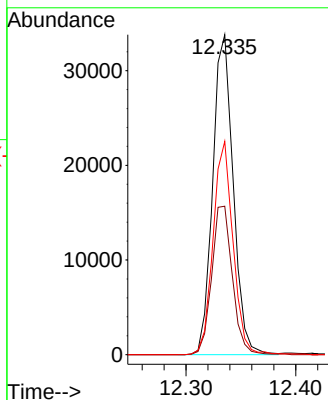
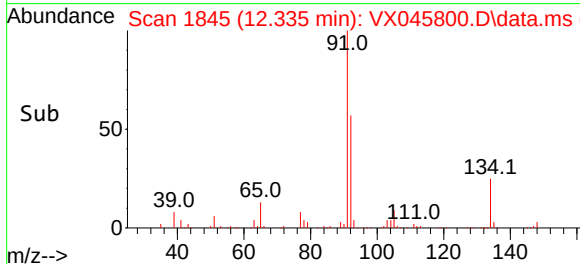
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



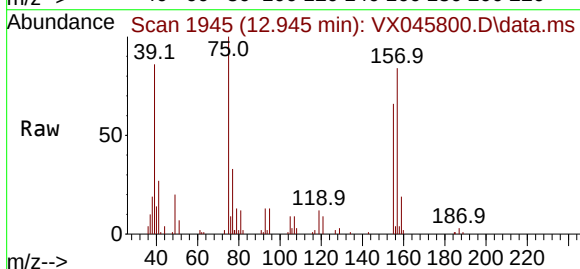
Tgt Ion:146 Resp: 43884
Ion Ratio Lower Upper
146 100
111 46.9 22.9 68.8
148 65.2 31.9 95.5

Manual Integrations
APPROVED

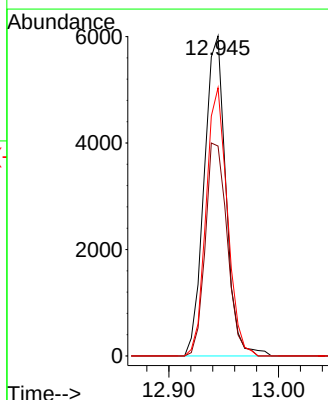
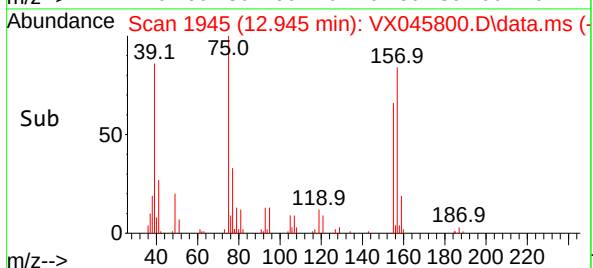
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

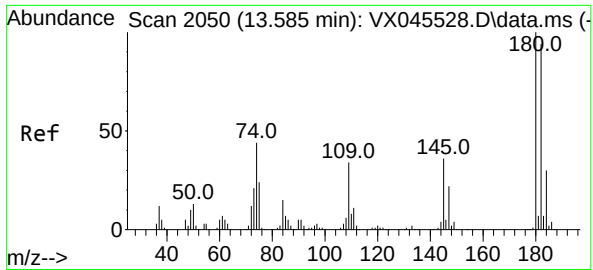


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.106 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11



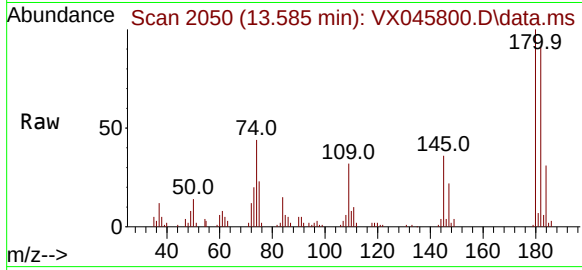
Tgt Ion: 75 Resp: 8271
Ion Ratio Lower Upper
75 100
155 67.3 34.9 104.7
157 82.1 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.760 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

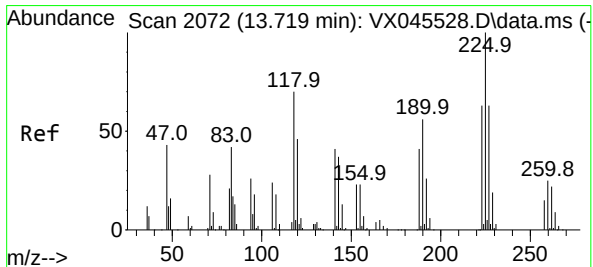
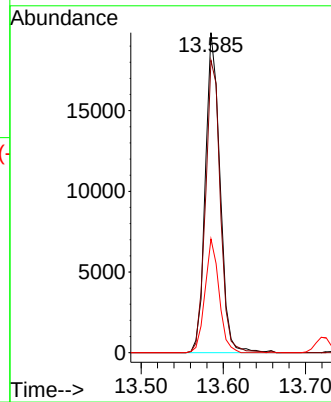
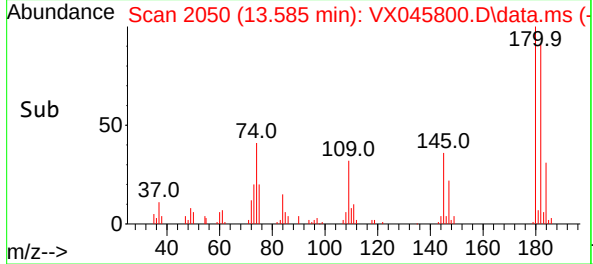
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



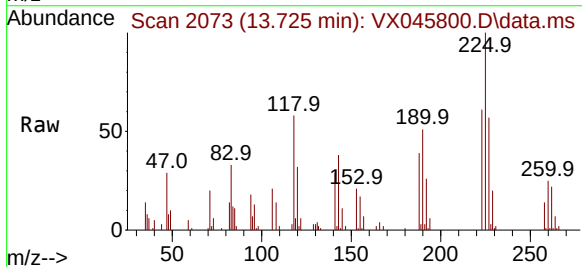
Tgt Ion:180 Resp: 2453
Ion Ratio Lower Upper
180 100
182 92.4 47.9 143.6
145 34.2 17.9 53.8

Manual Integrations
APPROVED

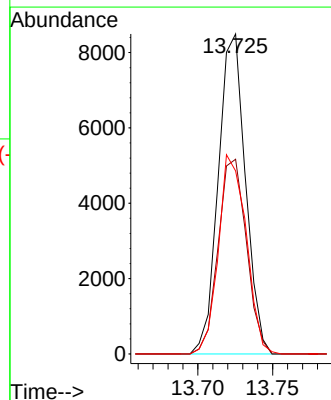
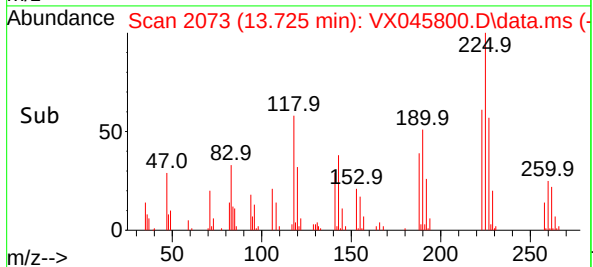
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

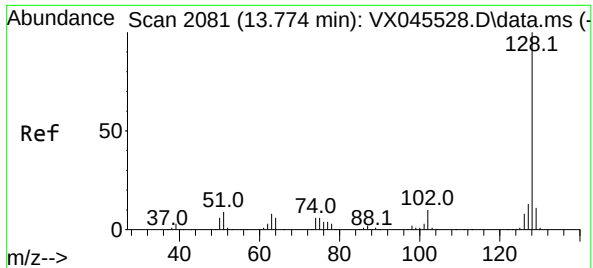


#94
Hexachlorobutadiene
Concen: 20.047 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11



Tgt Ion:225 Resp: 10725
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.3
227 63.6 32.2 96.6





#95

Naphthalene

Concen: 19.670 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

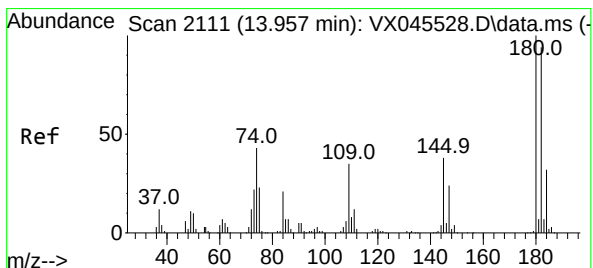
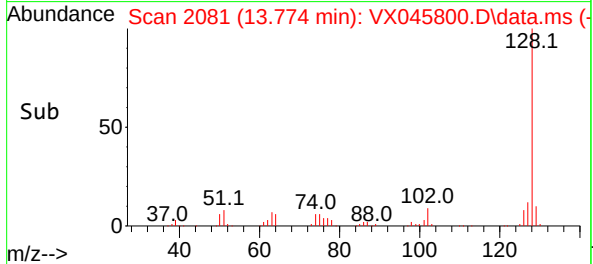
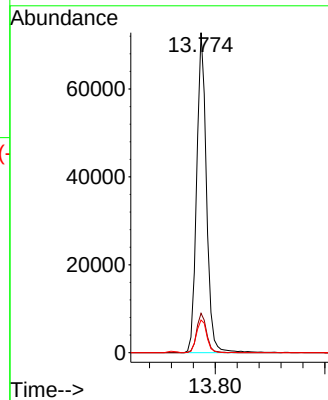
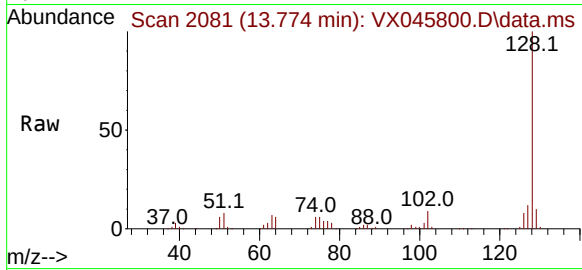
Tgt Ion:128	Resp:	9087
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.3 15.5
129	10.8	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.090 ug/l

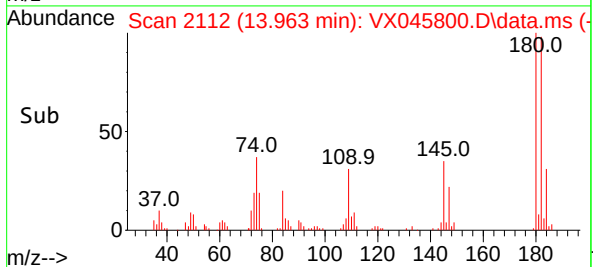
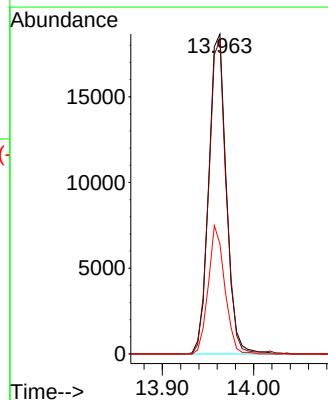
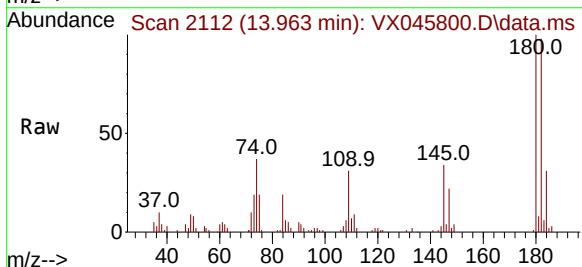
RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion:180	Resp:	24818
Ion Ratio	Lower	Upper
180	100	
182	97.8	47.3 141.8
145	37.6	18.2 54.6



Report of Analysis

Client:	Scalamandre – Tully JV			Date Collected:	
Project:	NYC DOT Harper Street Yard North			Date Received:	
Client Sample ID:	VX0416WBSD01			SDG No.:	Q1803
Lab Sample ID:	VX0416WBSD01			Matrix:	TCLP
Analytical Method:	SW8260			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	TCLP VOA
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045801.D	1		04/16/25 12:39	VX041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	17.2		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.0		0.23	1.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.8		0.25	1.00	ug/L
67-66-3	Chloroform	20.0		0.25	1.00	ug/L
71-43-2	Benzene	19.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.0		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.6		0.090	1.00	ug/L
127-18-4	Tetrachloroethene	19.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.7		0.12	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.1		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		75 - 124	107%	SPK: 50
2037-26-5	Toluene-d8	51.1		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.4		77 - 121	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87900	5.543			
540-36-3	1,4-Difluorobenzene	156000	6.756			
3114-55-4	Chlorobenzene-d5	138000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	65200	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\VX041625\
 Data File : VX045801.D
 Acq On : 16 Apr 2025 12:39
 Operator : JC/MD
 Sample : VX0416WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	87856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	155557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	86933	54.108	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.220%			
35) Dibromofluoromethane	5.379	113	58987	53.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.900%			
50) Toluene-d8	8.646	98	196683	51.056	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.120%			
62) 4-Bromofluorobenzene	11.079	95	76265	54.351	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24851	18.914	ug/l	99
3) Chloromethane	1.306	50	23070	17.091	ug/l	96
4) Vinyl Chloride	1.373	62	21187	17.151	ug/l	99
5) Bromomethane	1.593	94	10130	17.295	ug/l	99
6) Chloroethane	1.672	64	12287	18.748	ug/l	100
7) Trichlorofluoromethane	1.879	101	35715	19.389	ug/l	98
8) Diethyl Ether	2.129	74	11900	19.242	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.318	101	21338	19.768	ug/l	99
10) Methyl Iodide	2.446	142	23618	17.542	ug/l	97
11) Tert butyl alcohol	2.964	59	23467	108.683	ug/l	100
12) 1,1-Dichloroethene	2.312	96	18997	18.012	ug/l	96
13) Acrolein	2.233	56	23340	78.496	ug/l	99
14) Allyl chloride	2.660	41	38368	19.173	ug/l	99
15) Acrylonitrile	3.062	53	71328	104.650	ug/l	99
16) Acetone	2.379	43	66208	100.355	ug/l	99
17) Carbon Disulfide	2.501	76	38642	14.834	ug/l	99
18) Methyl Acetate	2.702	43	37874	24.934	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	77510	21.008	ug/l	98
20) Methylene Chloride	2.782	84	23309	18.872	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	19618	18.207	ug/l	99
22) Diisopropyl ether	3.757	45	79262	20.107	ug/l #	86
23) Vinyl Acetate	3.720	43	339884	99.793	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42449	19.041	ug/l	97
25) 2-Butanone	4.550	43	102829	106.479	ug/l	99
26) 2,2-Dichloropropane	4.464	77	31433	21.823	ug/l	99
27) cis-1,2-Dichloroethene	4.482	96	24812	18.900	ug/l	98
28) Bromochloromethane	4.897	49	22529	20.912	ug/l	100
29) Tetrahydrofuran	5.001	42	63966	102.164	ug/l	99
30) Chloroform	5.080	83	45977	20.043	ug/l	97
31) Cyclohexane	5.458	56	35724	18.126	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	38638	19.906	ug/l	98
36) 1,1-Dichloropropene	5.684	75	28481	19.112	ug/l	99
37) Ethyl Acetate	4.714	43	36657	19.520	ug/l	98
38) Carbon Tetrachloride	5.671	117	31865	19.785	ug/l	95
39) Methylcyclohexane	7.372	83	35094	19.212	ug/l	96
40) Benzene	6.031	78	86831	19.079	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045801.D
 Acq On : 16 Apr 2025 12:39
 Operator : JC/MD
 Sample : VX0416WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	22229	22.434	ug/l	97
42) 1,2-Dichloroethane	6.086	62	39385	20.952	ug/l	99
43) Isopropyl Acetate	6.336	43	57906	20.344	ug/l	99
44) Trichloroethene	7.116	130	20068	18.552	ug/l	89
45) 1,2-Dichloropropane	7.427	63	22646	19.943	ug/l	99
46) Dibromomethane	7.580	93	17433	19.999	ug/l	97
47) Bromodichloromethane	7.817	83	34562	19.854	ug/l	99
48) Methyl methacrylate	7.689	41	30732	20.912	ug/l	98
49) 1,4-Dioxane	7.659	88	11765	442.482	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	206961	109.686	ug/l	98
52) Toluene	8.713	92	53091	19.278	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29771	19.258	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	33125	20.249	ug/l	95
55) 1,1,2-Trichloroethane	9.146	97	22846	20.818	ug/l	95
56) Ethyl methacrylate	9.116	69	35457	20.877	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39129	20.476	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	84260	98.074	ug/l	100
59) 2-Hexanone	9.427	43	153170	109.622	ug/l	100
60) Dibromochloromethane	9.518	129	24174	20.206	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23320	20.992	ug/l	97
64) Tetrachloroethene	9.268	164	18792	19.357	ug/l	94
65) Chlorobenzene	10.079	112	57965	19.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	20528	20.123	ug/l	99
67) Ethyl Benzene	10.189	91	104457	19.849	ug/l	99
68) m/p-Xylenes	10.299	106	76653	40.048	ug/l	99
69) o-Xylene	10.640	106	37427	19.850	ug/l	99
70) Styrene	10.652	104	62215	19.992	ug/l	98
71) Bromoform	10.798	173	15183	19.933	ug/l #	96
73) Isopropylbenzene	10.963	105	99759	19.097	ug/l	100
74) N-amyl acetate	10.841	43	49240	19.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	35966	19.599	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	31084m	19.540	ug/l	
77) Bromobenzene	11.195	156	23388	19.377	ug/l	98
78) n-propylbenzene	11.298	91	115002	19.113	ug/l	100
79) 2-Chlorotoluene	11.359	91	74729	19.427	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	84999	19.677	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8674	18.506	ug/l	94
82) 4-Chlorotoluene	11.451	91	85155	19.855	ug/l	99
83) tert-Butylbenzene	11.713	119	85181	19.918	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	85190	19.649	ug/l	100
85) sec-Butylbenzene	11.890	105	105375	20.061	ug/l	100
86) p-Isopropyltoluene	12.006	119	84535	19.521	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42176	19.196	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	42153	18.925	ug/l	94
89) n-Butylbenzene	12.329	91	73547	19.585	ug/l	100
90) Hexachloroethane	12.536	117	14766	19.840	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42843	19.613	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8361	21.786	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	23654	19.454	ug/l	98
94) Hexachlorobutadiene	13.725	225	10799	20.611	ug/l	98
95) Naphthalene	13.774	128	91763	20.280	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24916	19.570	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045801.D
Acq On : 16 Apr 2025 12:39
Operator : JC/MD
Sample : VX0416WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

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

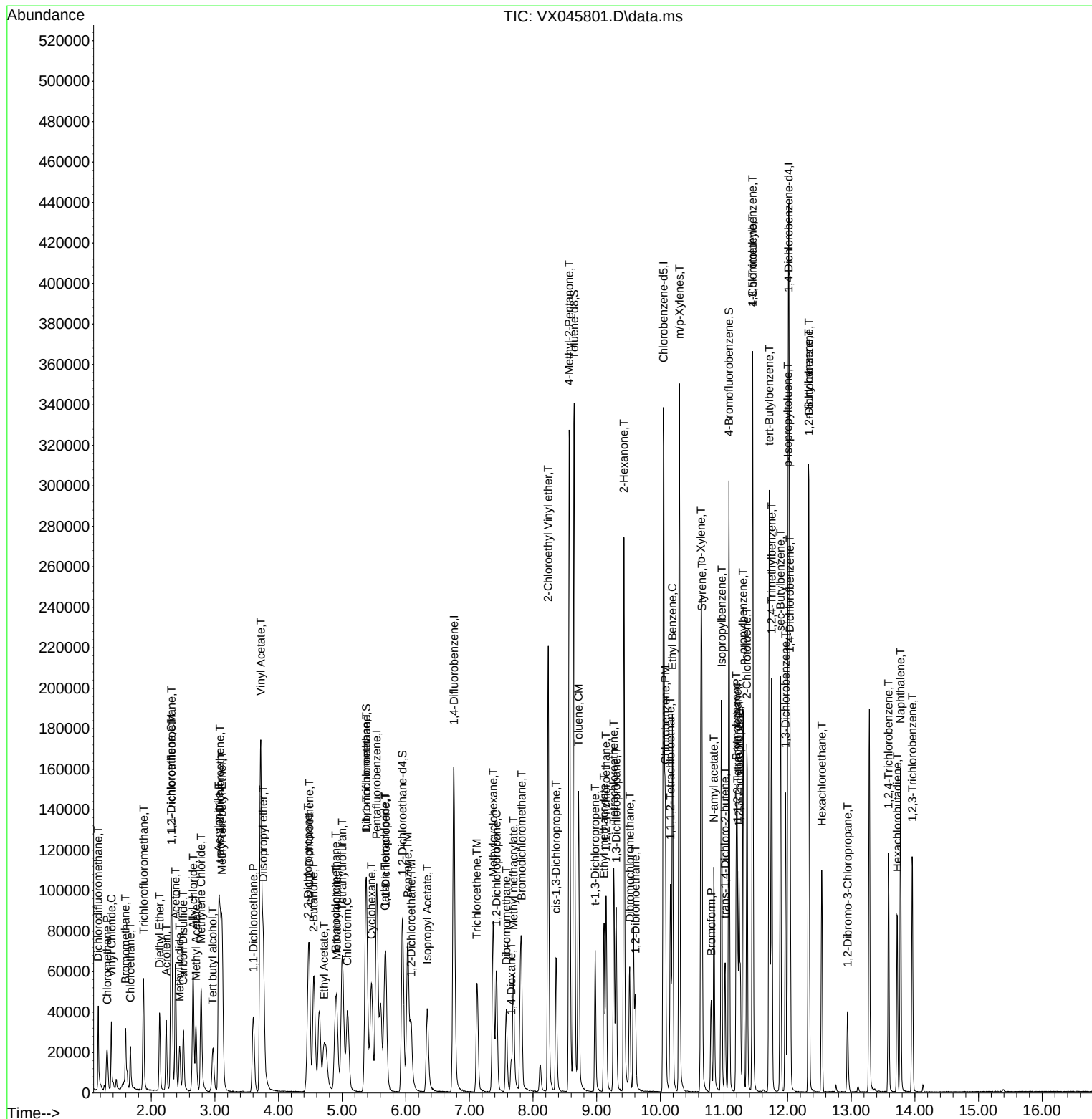
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045801.D
Acq On : 16 Apr 2025 12:39
Operator : JC/MD
Sample : VX0416WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

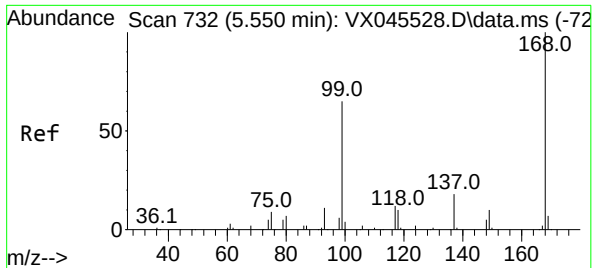
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration





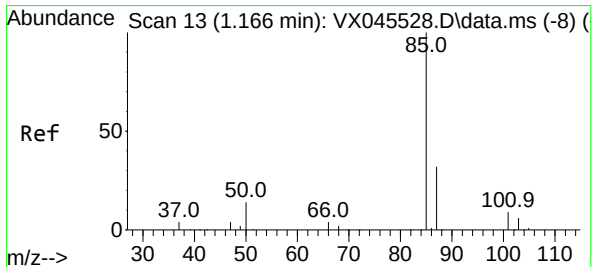
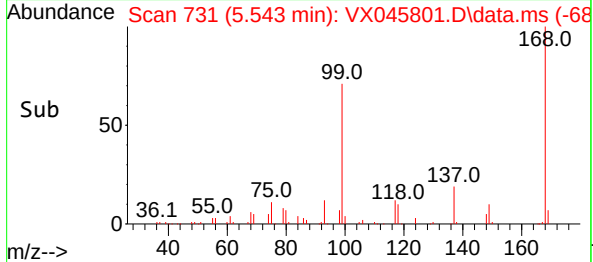
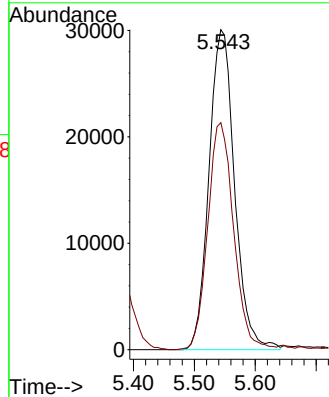
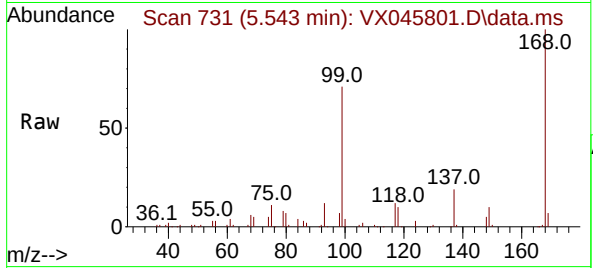
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.007 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tgt Ion:168 Resp: 87850
Ion Ratio Lower Upper
168 100
99 70.8 52.3 78.5

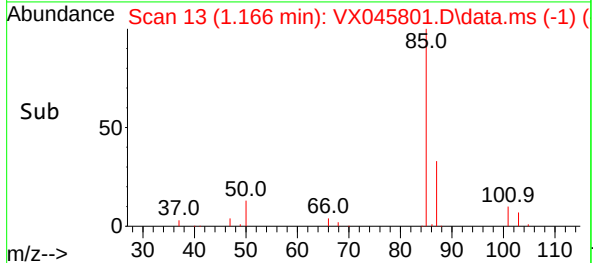
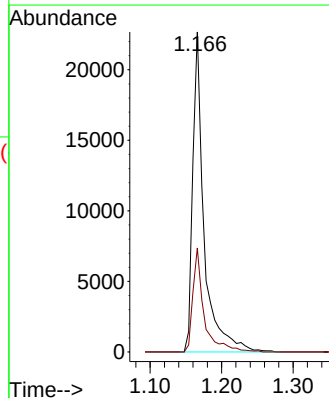
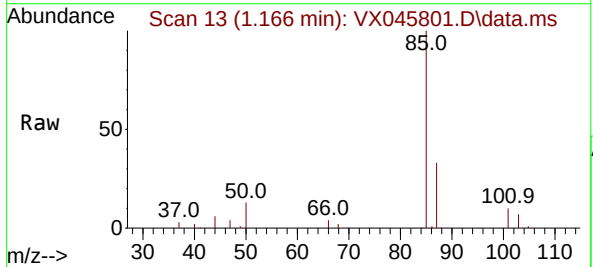
Manual Integrations
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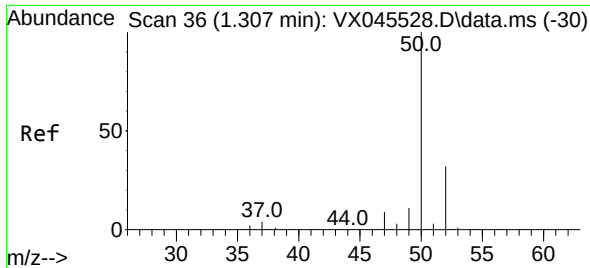
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#2
Dichlorodifluoromethane
Concen: 18.914 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Tgt Ion: 85 Resp: 24851
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2





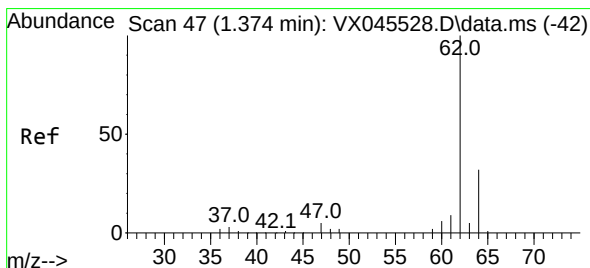
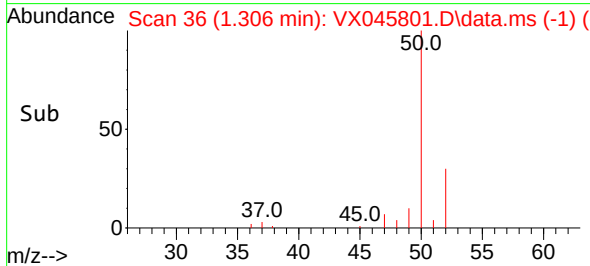
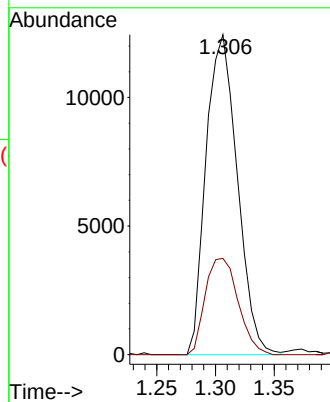
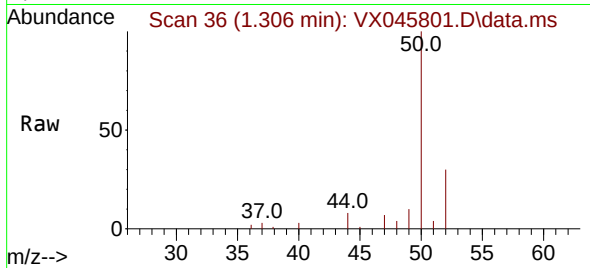
#3
Chloromethane
Concen: 17.091 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tgt Ion: 50 Resp: 23070
Ion Ratio Lower Upper
50 100
52 30.1 25.9 38.9

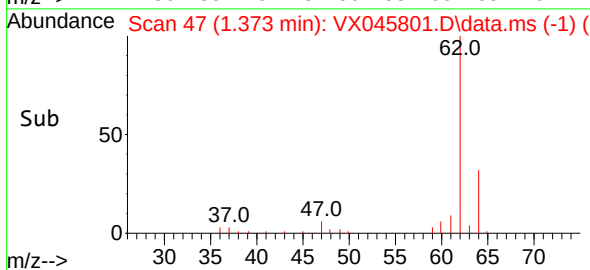
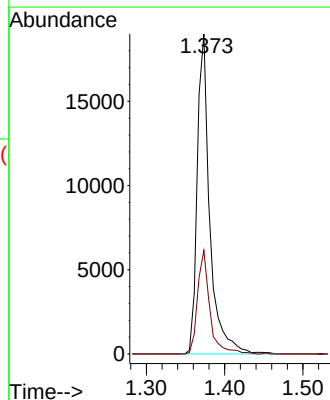
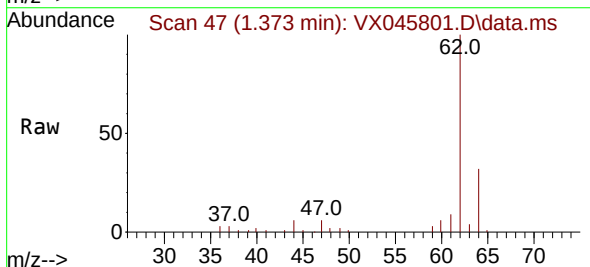
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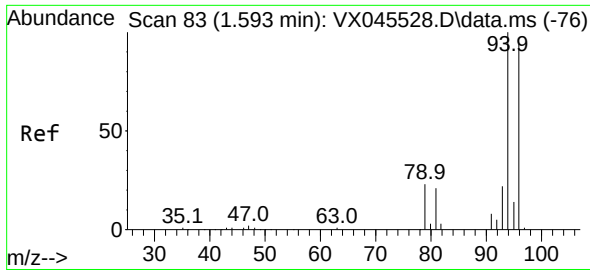
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#4
Vinyl Chloride
Concen: 17.151 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

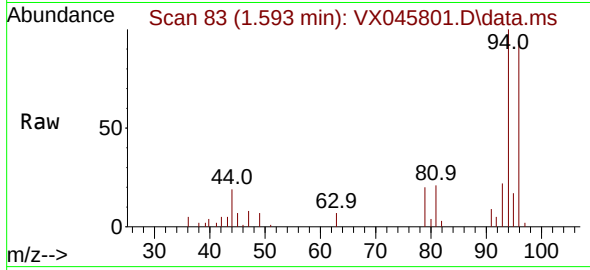
Tgt Ion: 62 Resp: 21187
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3





#5
Bromomethane
Concen: 17.295 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

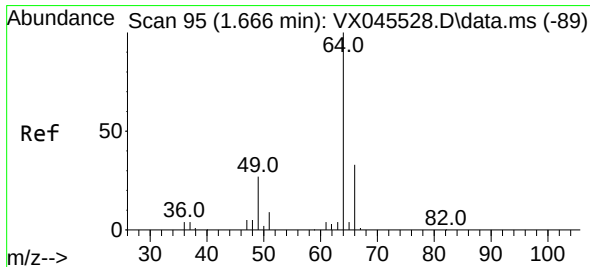
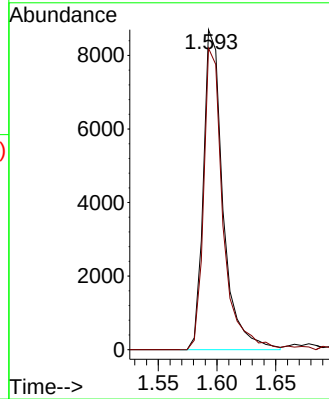
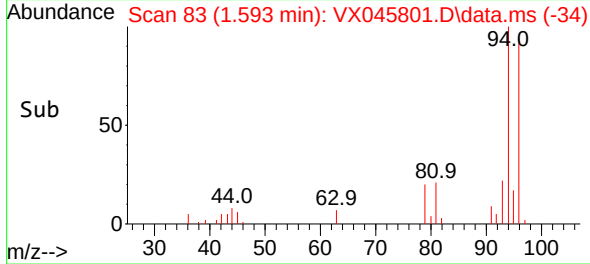
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



Tgt Ion: 94 Resp: 10130
Ion Ratio Lower Upper
94 100
96 94.2 74.8 112.2

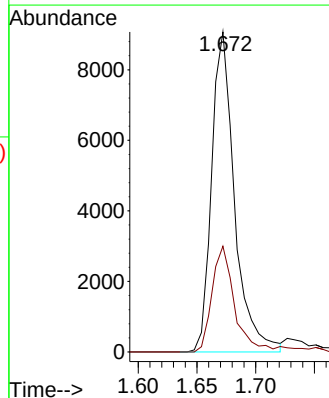
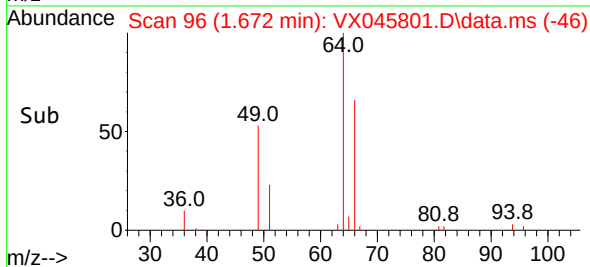
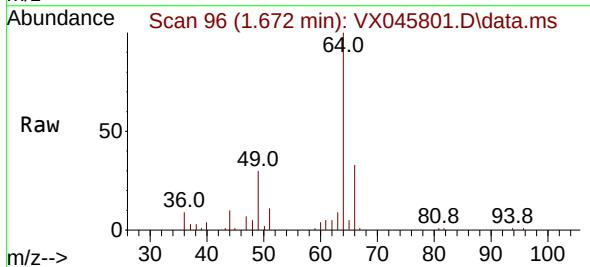
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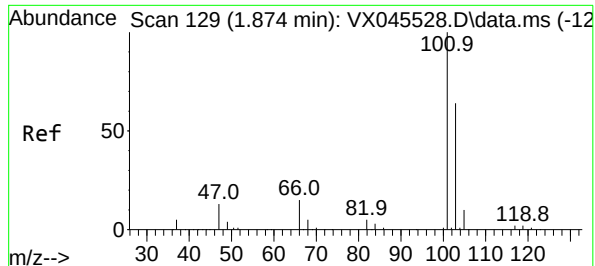
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#6
Chloroethane
Concen: 18.748 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

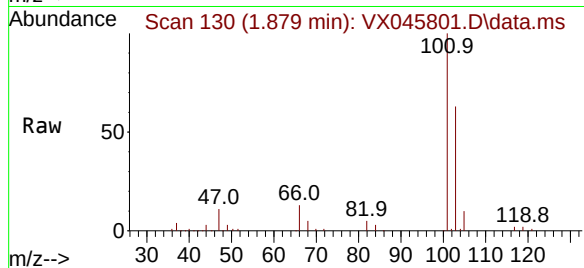
Tgt Ion: 64 Resp: 12287
Ion Ratio Lower Upper
64 100
66 33.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.389 ug/l
RT: 1.879 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

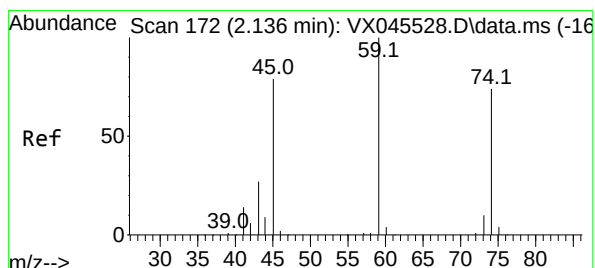
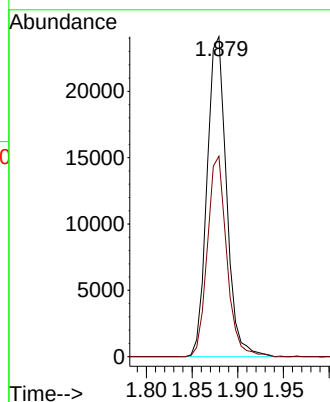
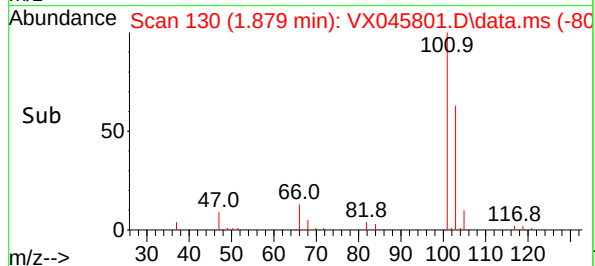
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



Tgt Ion:101 Resp: 3571
Ion Ratio Lower Upper
101 100
103 62.6 51.1 76.7

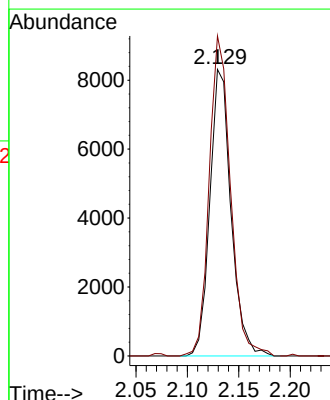
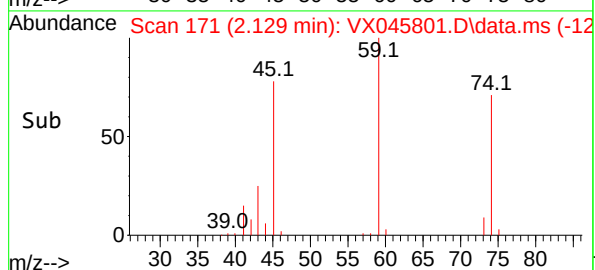
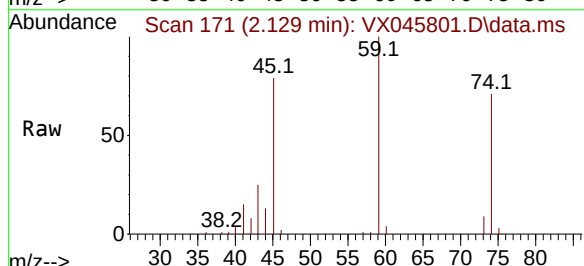
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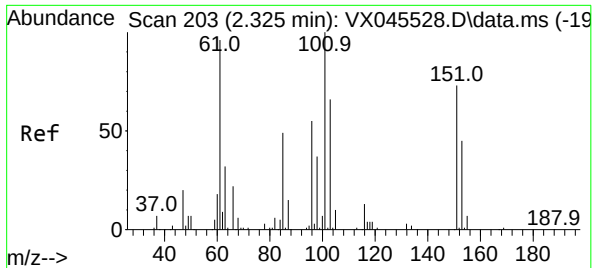
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#8
Diethyl Ether
Concen: 19.242 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Tgt Ion: 74 Resp: 11900
Ion Ratio Lower Upper
74 100
45 112.1 53.0 159.1





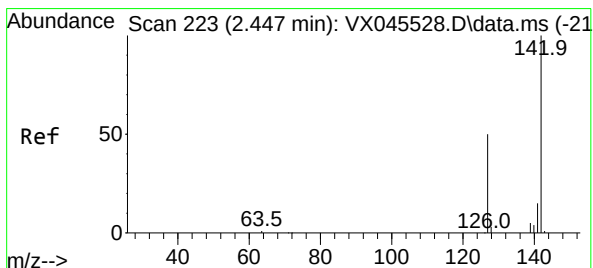
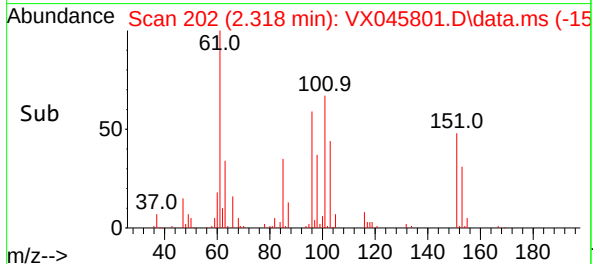
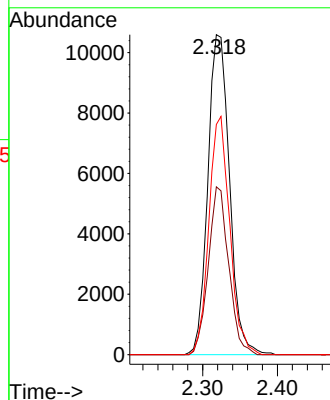
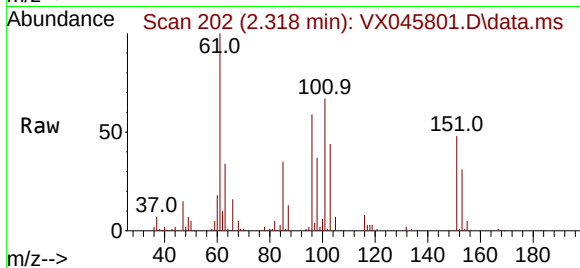
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.768 ug/l
RT: 2.318 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tgt Ion:101 Resp: 21338
Ion Ratio Lower Upper
101 100
85 49.5 38.9 58.3
151 71.7 57.5 86.3

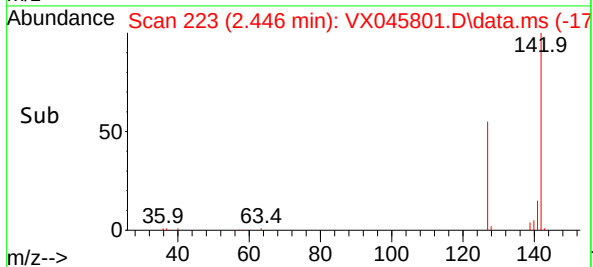
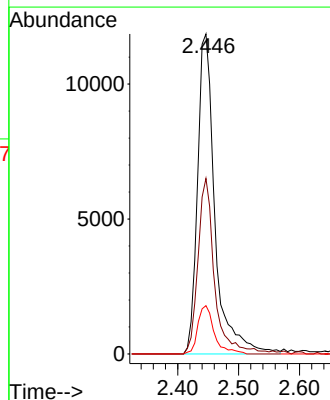
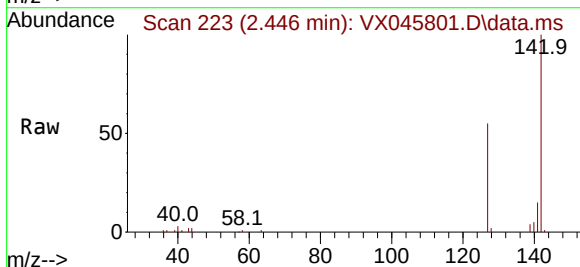
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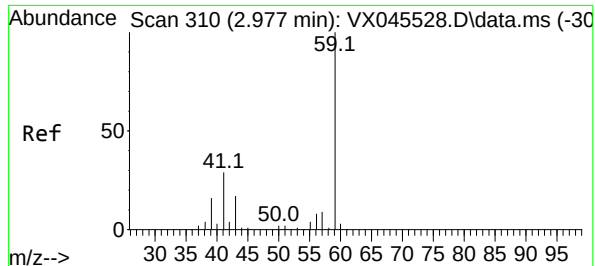
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#10
Methyl Iodide
Concen: 17.542 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Tgt Ion:142 Resp: 23618
Ion Ratio Lower Upper
142 100
127 52.6 40.2 60.4
141 14.2 11.7 17.5





#11

Tert butyl alcohol

Concen: 108.683 ug/l

RT: 2.964 min Scan# 30

Delta R.T. -0.013 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 59 Resp: 2346

Ion Ratio Lower Upper

59 100

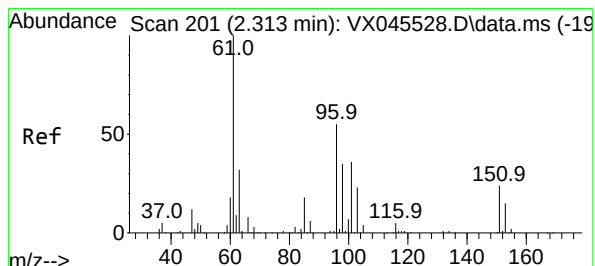
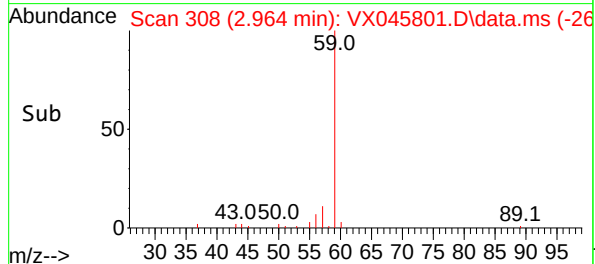
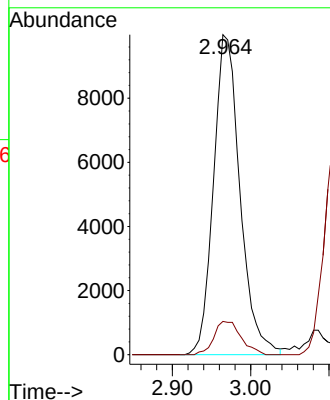
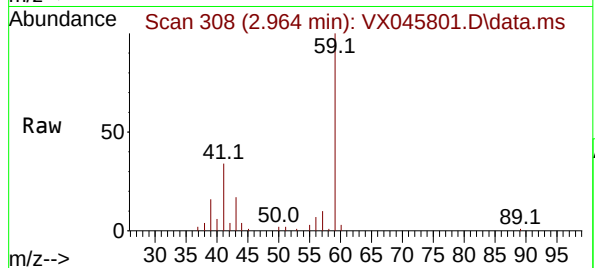
57 10.7 8.6 12.8

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Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#12

1,1-Dichloroethene

Concen: 18.012 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

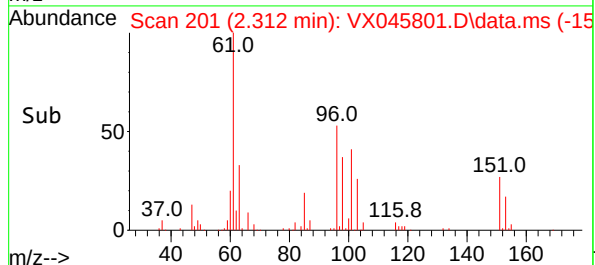
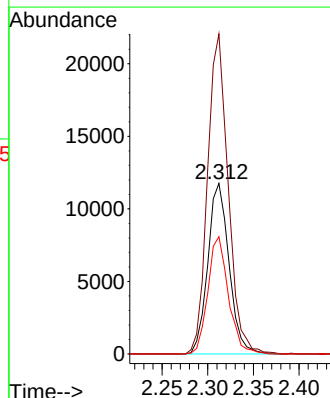
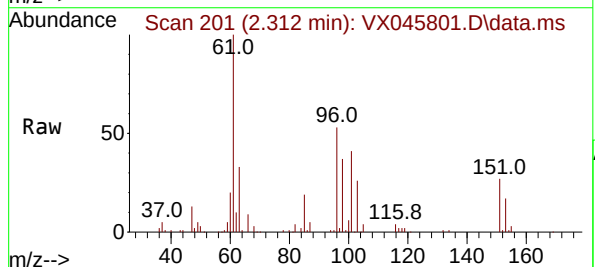
Tgt Ion: 96 Resp: 18997

Ion Ratio Lower Upper

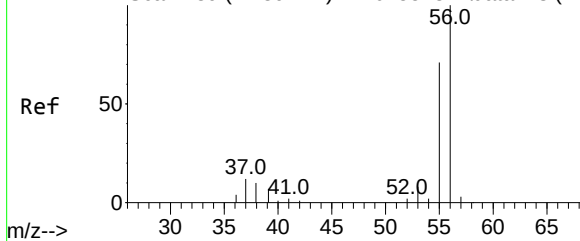
96 100

61 187.6 145.7 218.5

98 68.8 51.6 77.4



Abundance Scan 189 (2.239 min): VX045528.D\data.ms (-18



#13

Acrolein

Concen: 78.496 ug/l

RT: 2.233 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 56 Resp: 23340

Ion Ratio Lower Upper

56 100

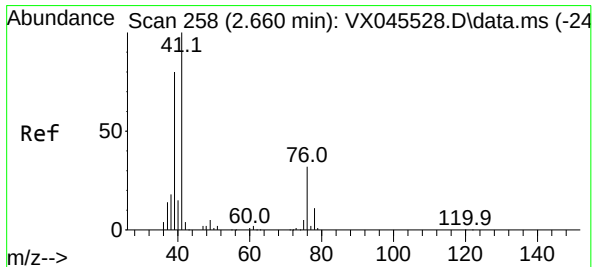
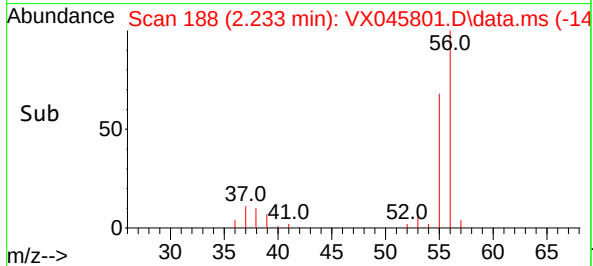
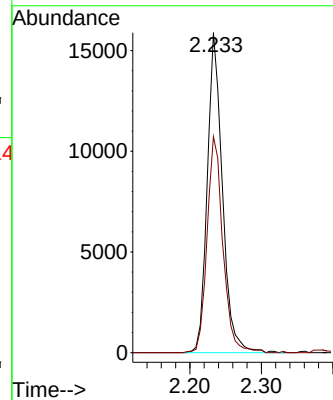
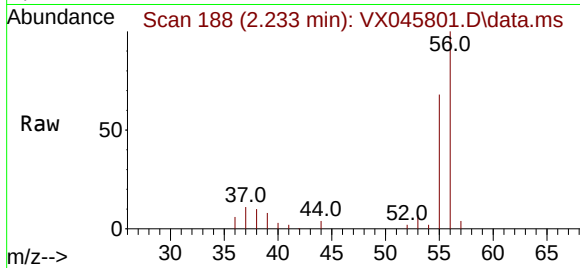
55 70.7 56.2 84.2

Manual Integrations

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Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#14

Allyl chloride

Concen: 19.173 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

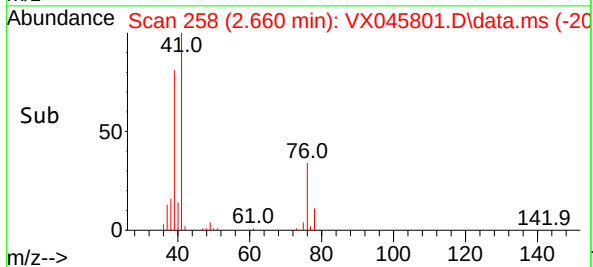
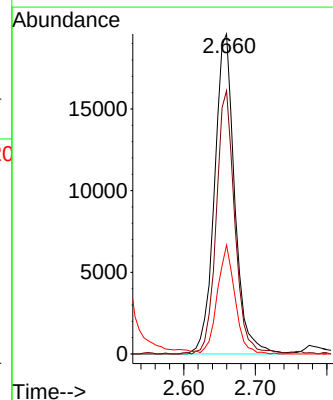
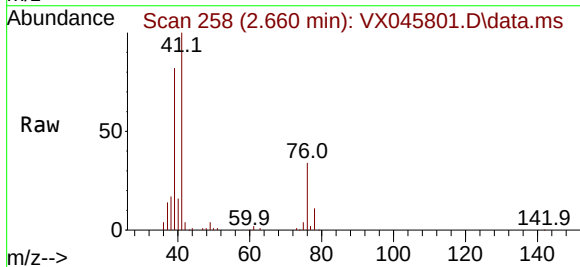
Tgt Ion: 41 Resp: 38368

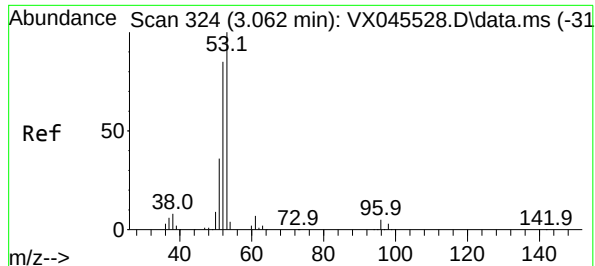
Ion Ratio Lower Upper

41 100

39 75.7 60.2 90.2

76 29.8 24.6 36.8





#15

Acrylonitrile

Concen: 104.650 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

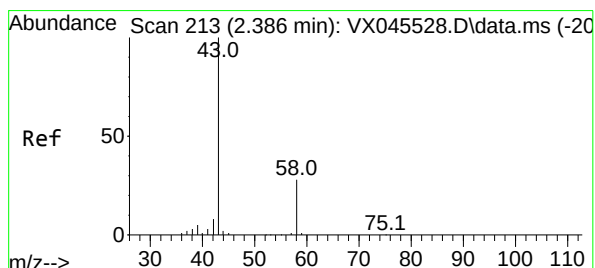
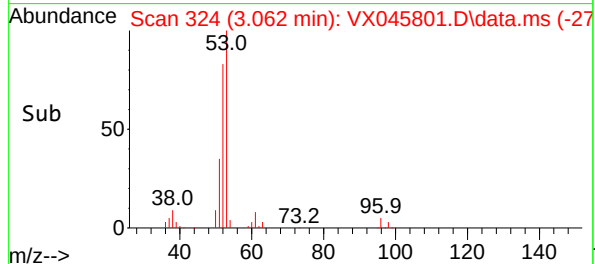
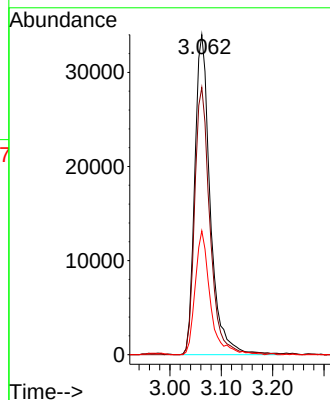
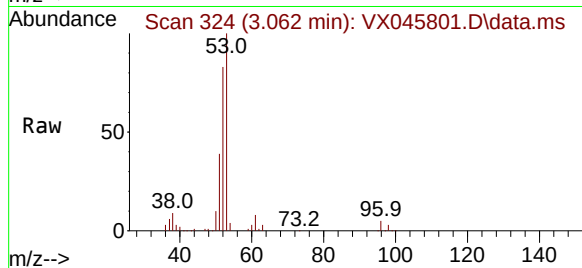
Tgt Ion: 53	Resp: 71328
Ion Ratio	Lower Upper
53 100	
52 83.1	67.4 101.2
51 37.6	29.9 44.9

Manual Integrations

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Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#16

Acetone

Concen: 100.355 ug/l

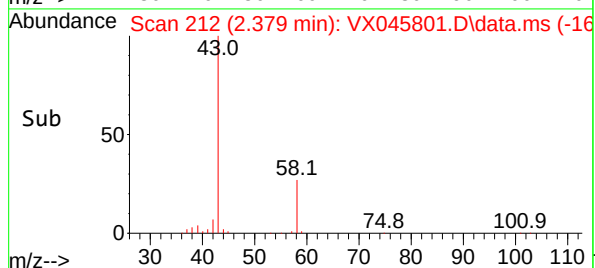
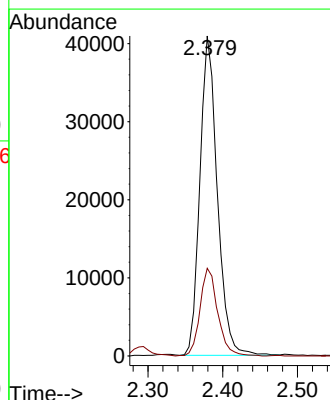
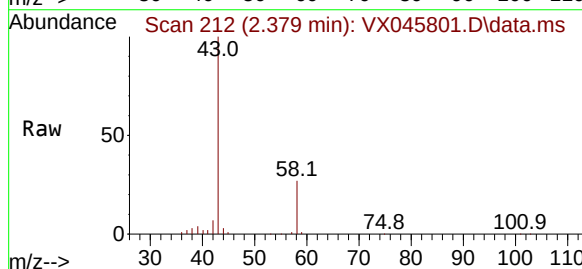
RT: 2.379 min Scan# 212

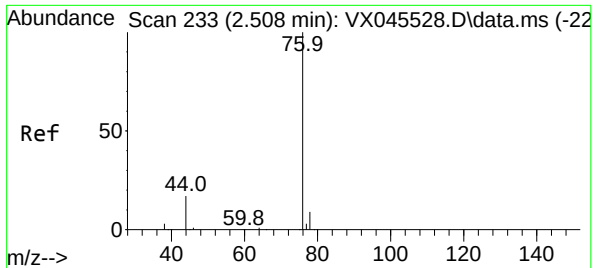
Delta R.T. -0.006 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Tgt Ion: 43	Resp: 66208
Ion Ratio	Lower Upper
43 100	
58 27.3	22.3 33.5





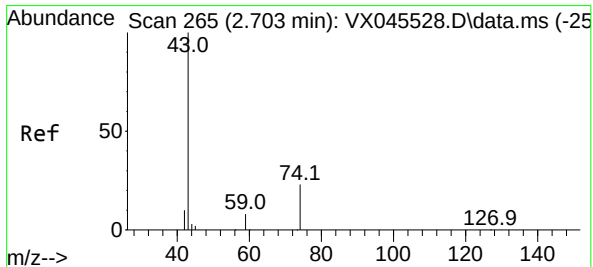
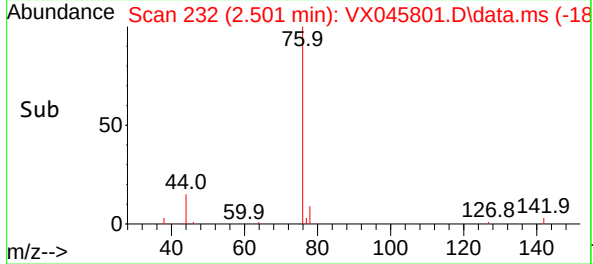
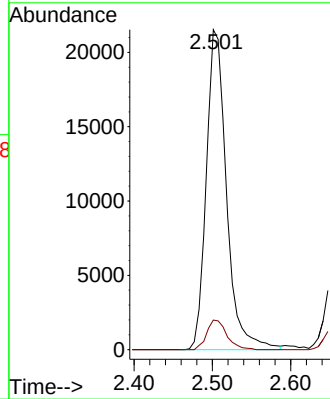
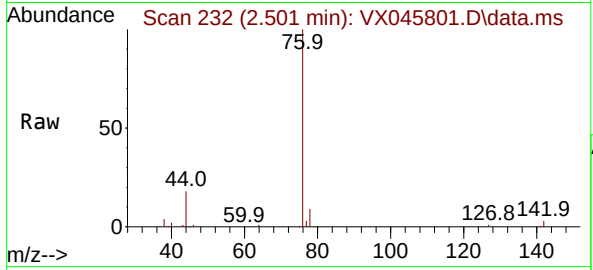
#17
Carbon Disulfide
Concen: 14.834 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tgt Ion: 76 Resp: 3864
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

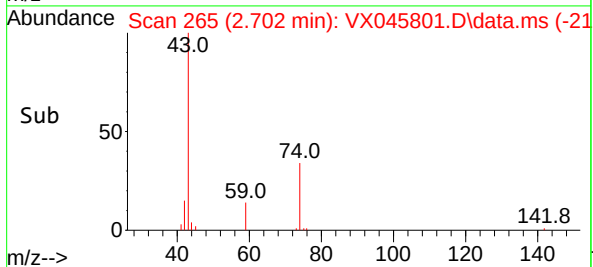
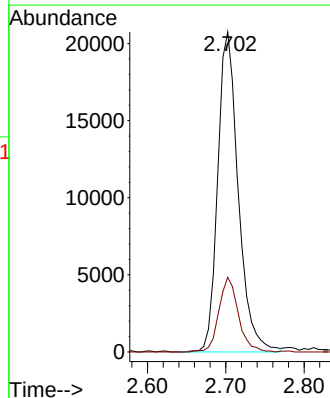
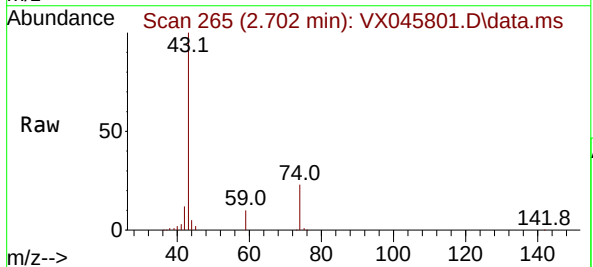
Manual Integrations
APPROVED

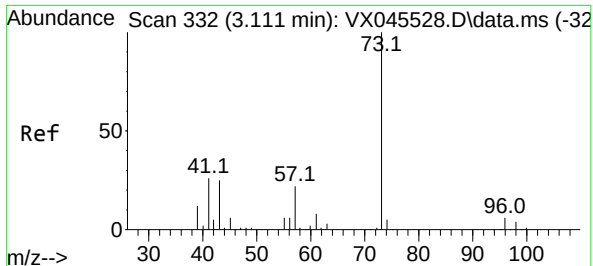
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#18
Methyl Acetate
Concen: 24.934 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Tgt Ion: 43 Resp: 37874
Ion Ratio Lower Upper
43 100
74 22.1 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 21.008 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 73 Resp: 77510

Ion Ratio Lower Upper

73 100

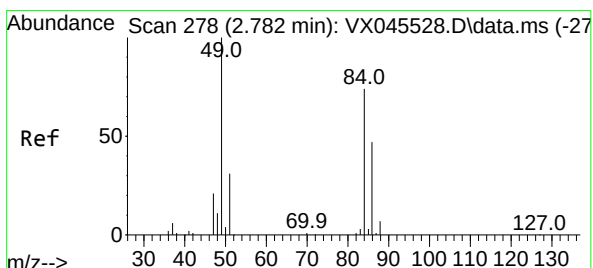
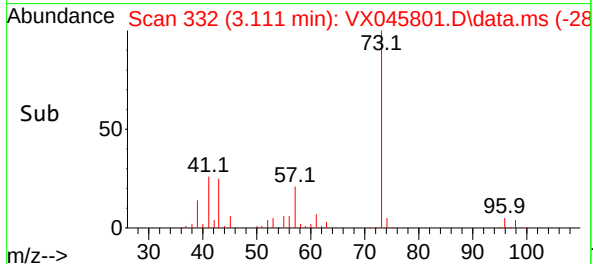
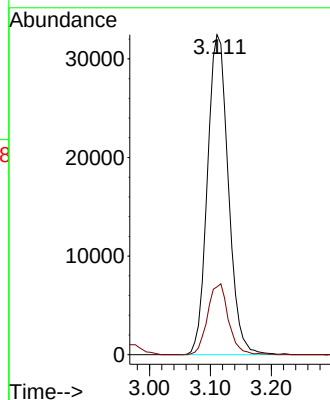
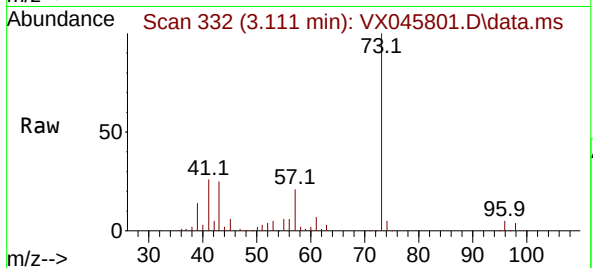
57 21.2 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#20

Methylene Chloride

Concen: 18.872 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Tgt Ion: 84 Resp: 23309

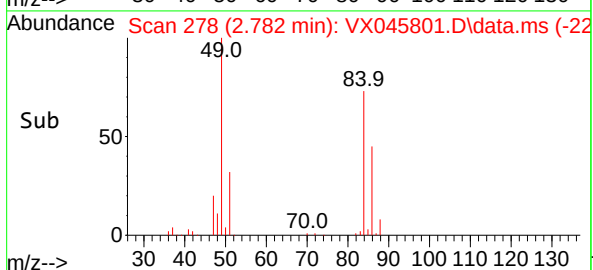
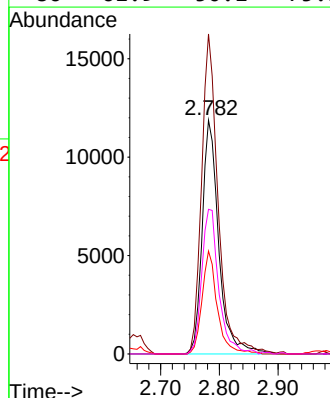
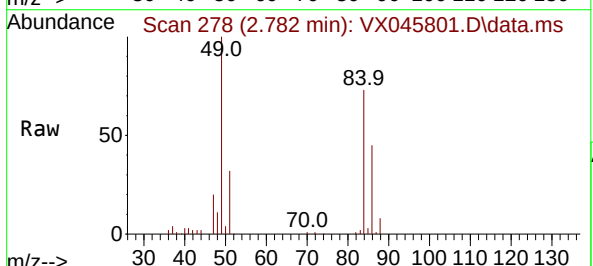
Ion Ratio Lower Upper

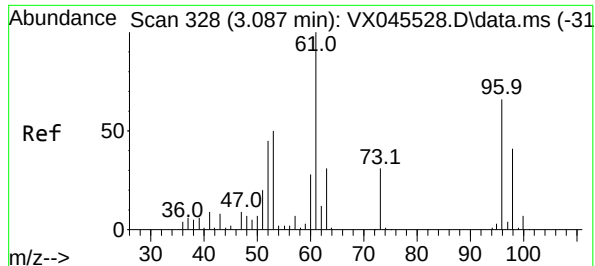
84 100

49 136.9 107.5 161.3

51 44.0 33.0 49.6

86 61.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 18.207 ug/l

RT: 3.080 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 96 Resp: 19618

Ion Ratio Lower Upper

96 100

61 152.5 121.0 181.6

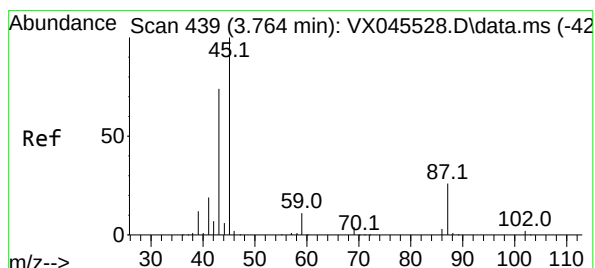
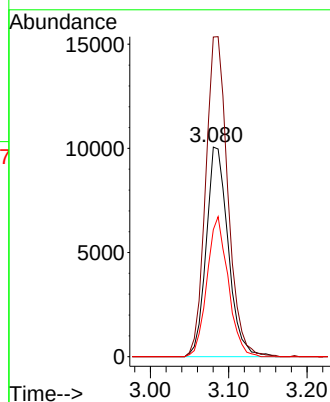
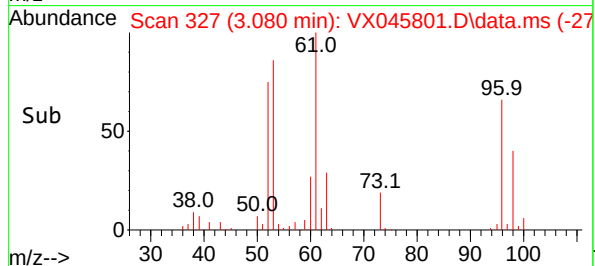
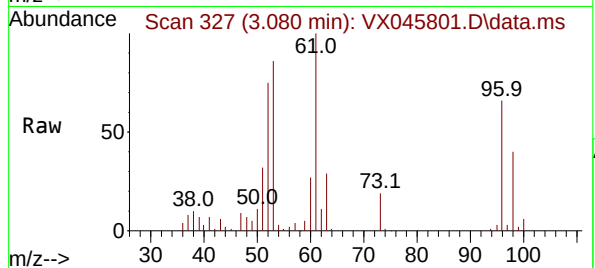
98 60.6 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#22

Diisopropyl ether

Concen: 20.107 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.006 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Tgt Ion: 45 Resp: 79262

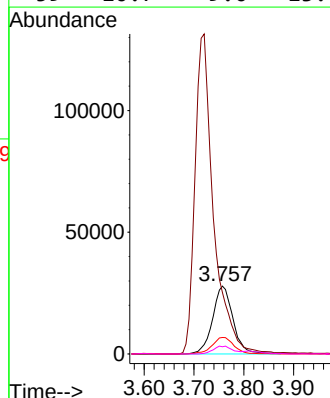
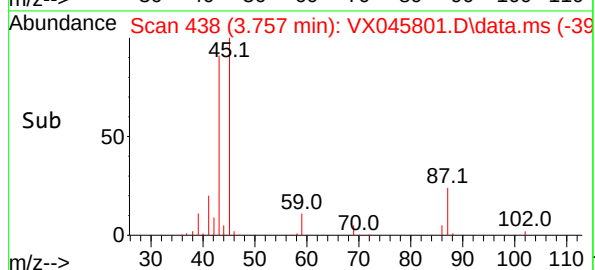
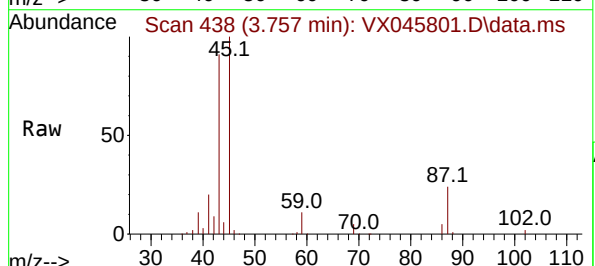
Ion Ratio Lower Upper

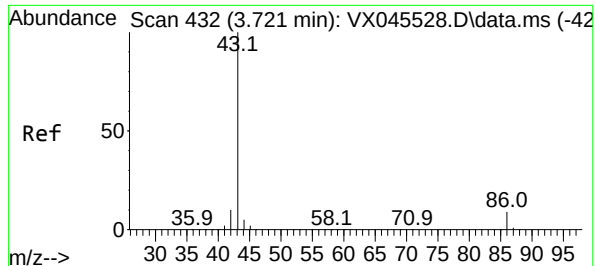
45 100

43 90.4 59.3 88.9#

87 24.4 20.4 30.6

59 10.7 9.0 13.6





#23

Vinyl Acetate

Concen: 99.793 ug/l

RT: 3.720 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 43 Resp: 339884

Ion Ratio Lower Upper

43 100

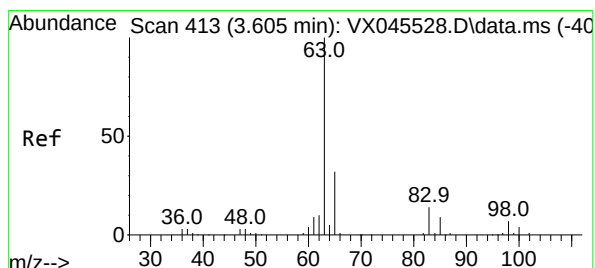
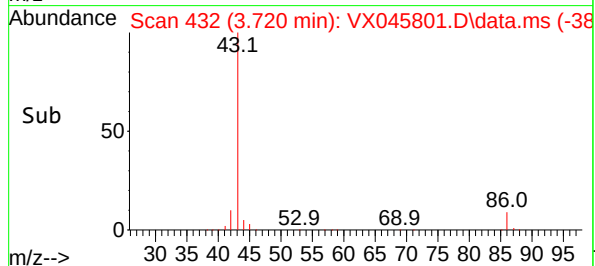
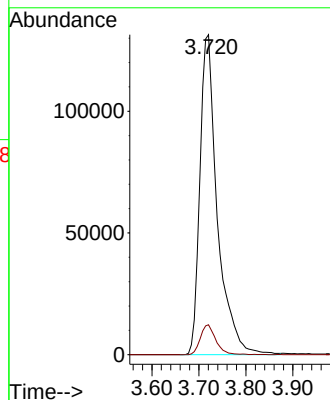
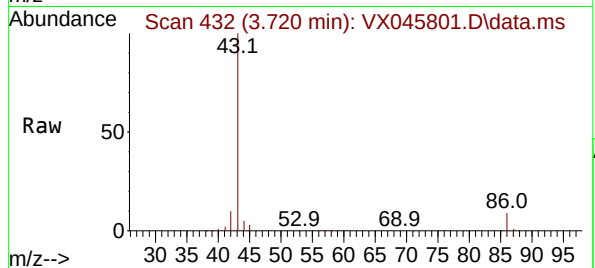
86 9.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#24

1,1-Dichloroethane

Concen: 19.041 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

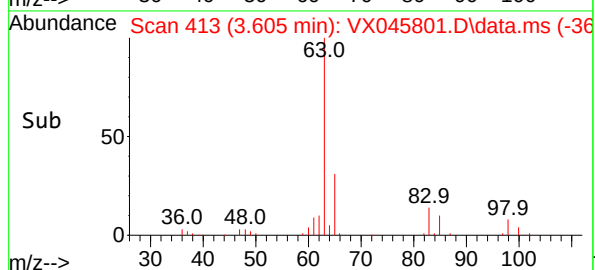
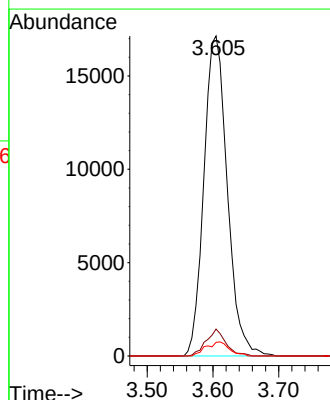
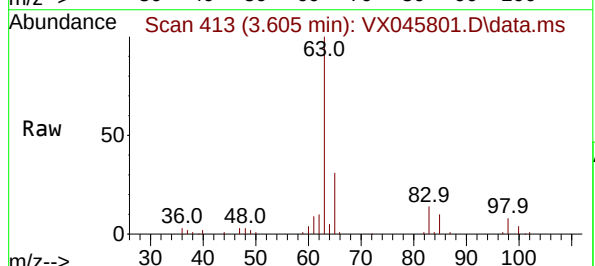
Tgt Ion: 63 Resp: 42449

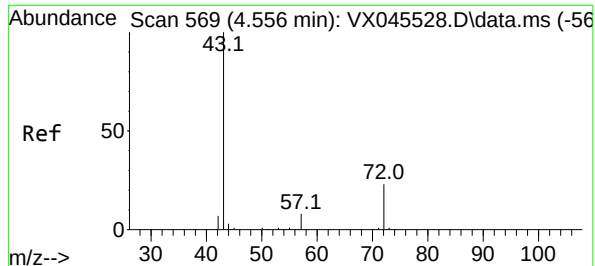
Ion Ratio Lower Upper

63 100

98 8.4 3.4 10.1

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 106.479 ug/l

RT: 4.550 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 43 Resp: 102829

Ion Ratio Lower Upper

43 100

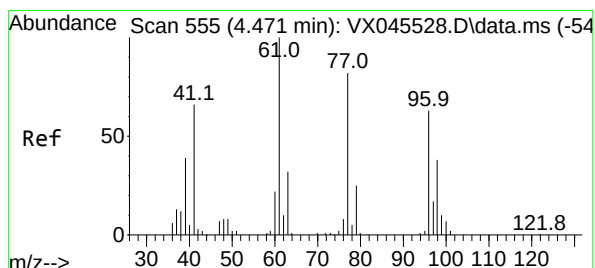
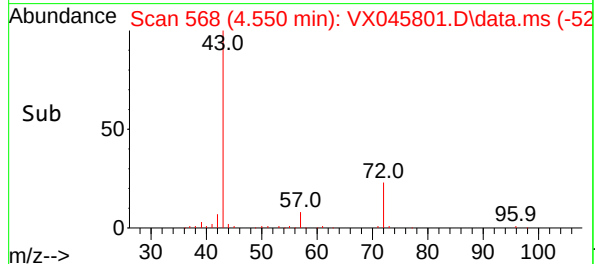
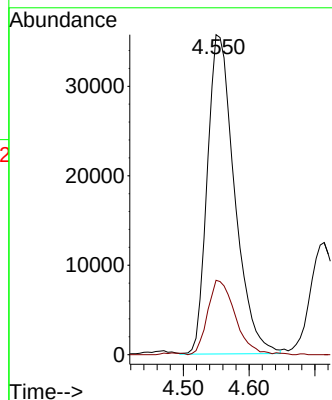
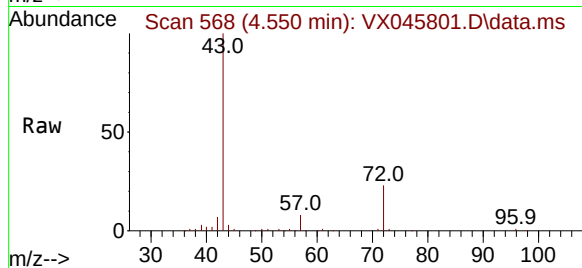
72 22.9 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#26

2,2-Dichloropropane

Concen: 21.823 ug/l

RT: 4.464 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX045801.D

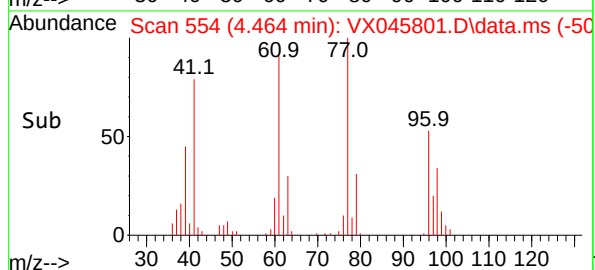
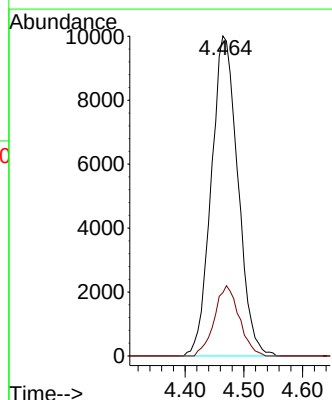
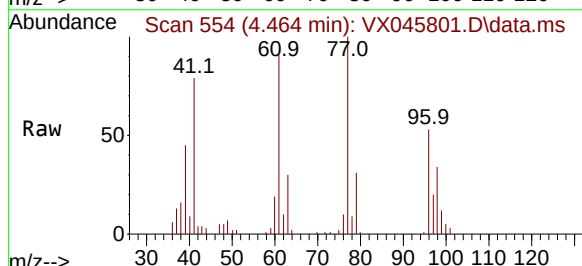
Acq: 16 Apr 2025 12:39

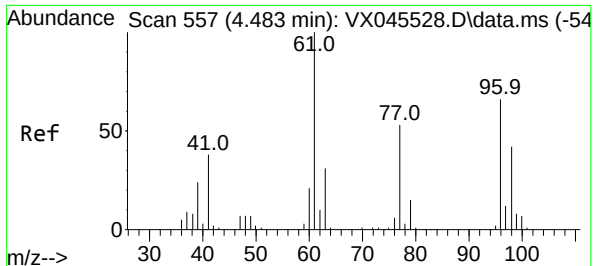
Tgt Ion: 77 Resp: 31433

Ion Ratio Lower Upper

77 100

97 20.6 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 18.900 ug/l

RT: 4.482 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 96 Resp: 2481

Ion Ratio Lower Upper

96 100

61 158.7 0.0 313.2

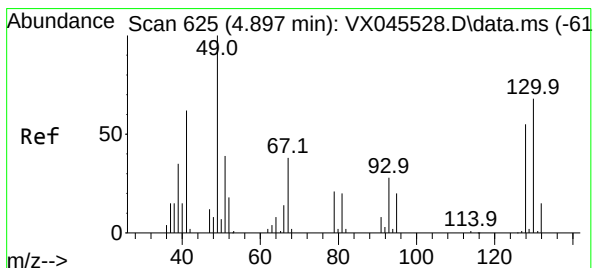
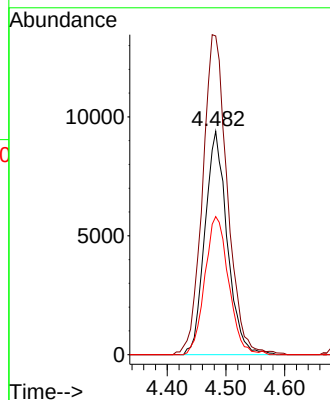
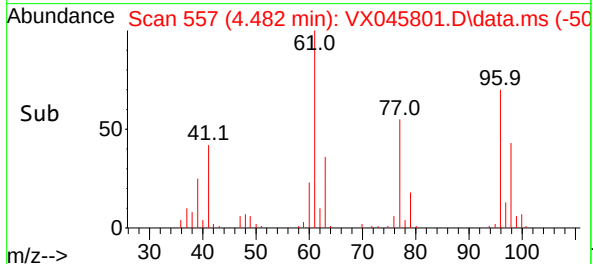
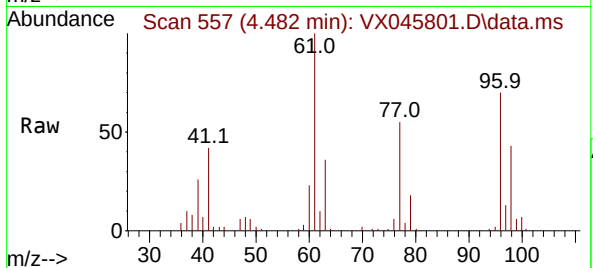
98 66.0 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#28

Bromochloromethane

Concen: 20.912 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

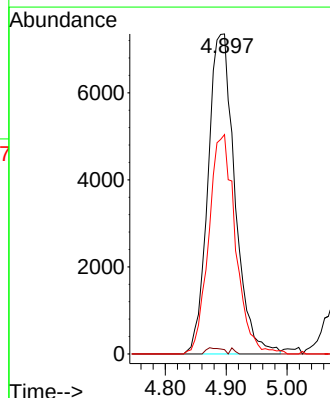
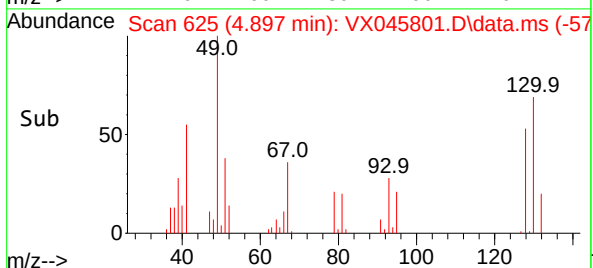
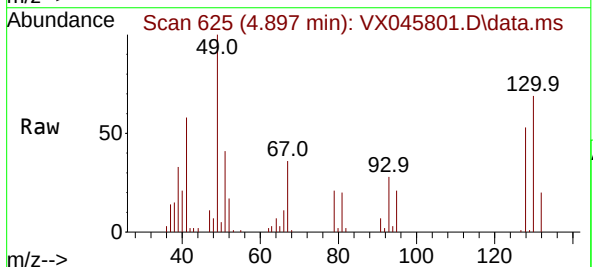
Tgt Ion: 49 Resp: 22529

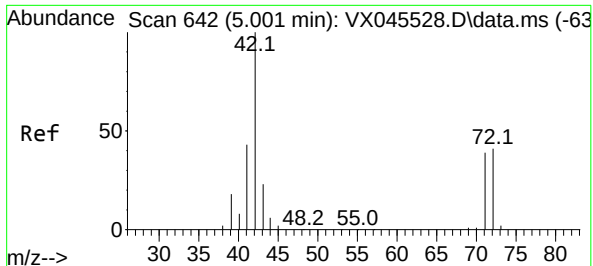
Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.8

130 68.3 54.6 81.8





#29

Tetrahydrofuran

Concen: 102.164 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 42 Resp: 6396

Ion Ratio Lower Upper

42 100

72 42.3 33.4 50.0

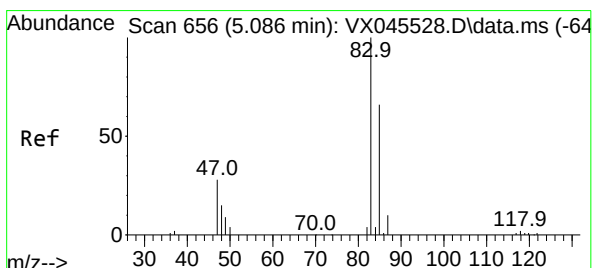
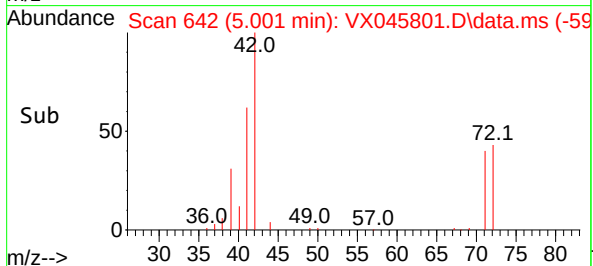
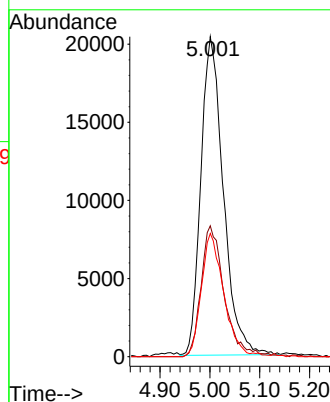
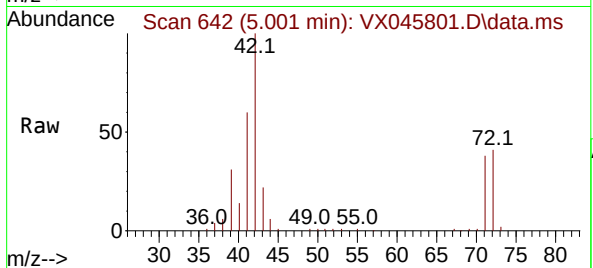
71 38.0 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#30

Chloroform

Concen: 20.043 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX045801.D

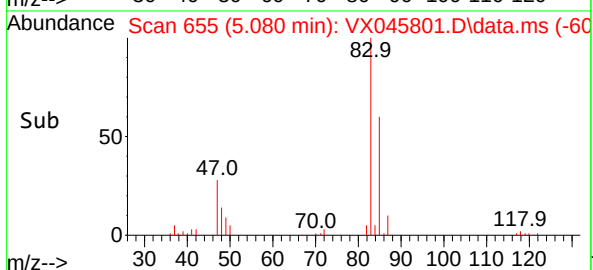
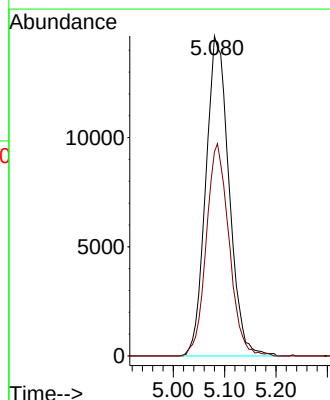
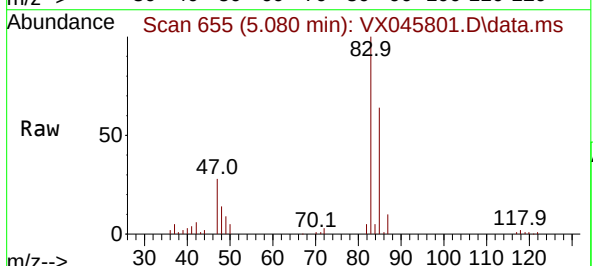
Acq: 16 Apr 2025 12:39

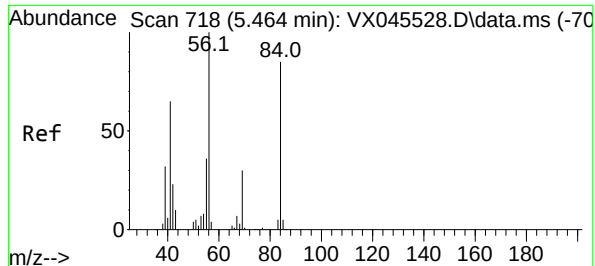
Tgt Ion: 83 Resp: 45977

Ion Ratio Lower Upper

83 100

85 63.8 52.8 79.2





#31

Cyclohexane

Concen: 18.126 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 56 Resp: 35724

Ion Ratio Lower Upper

56 100

69 33.4 23.6 35.4

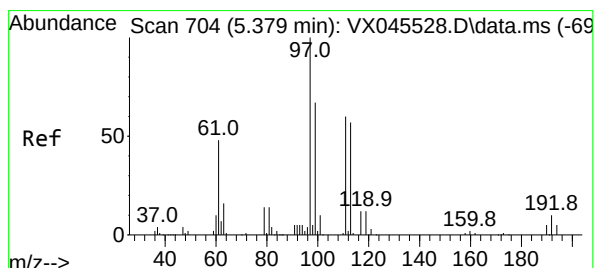
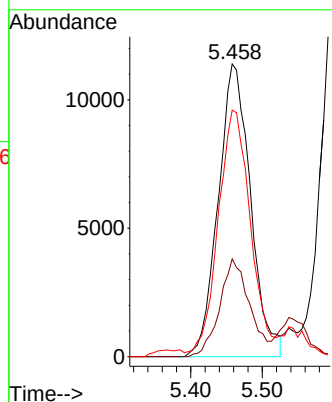
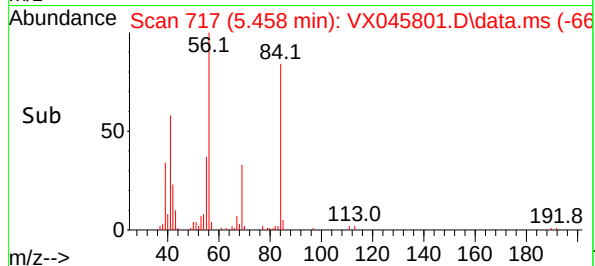
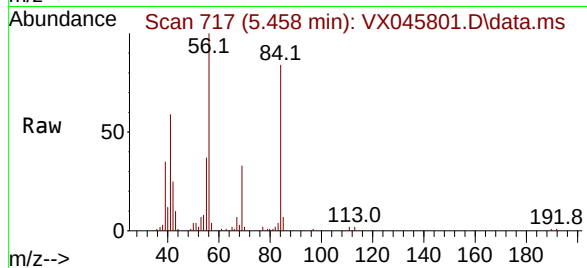
84 81.8 67.7 101.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#32

1,1,1-Trichloroethane

Concen: 19.906 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

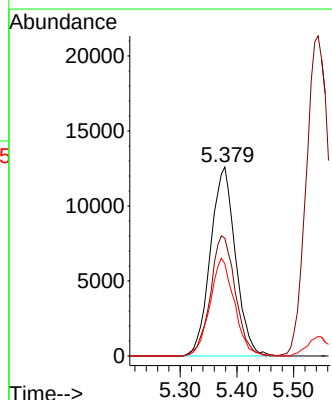
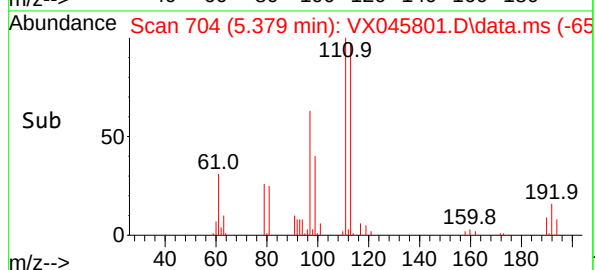
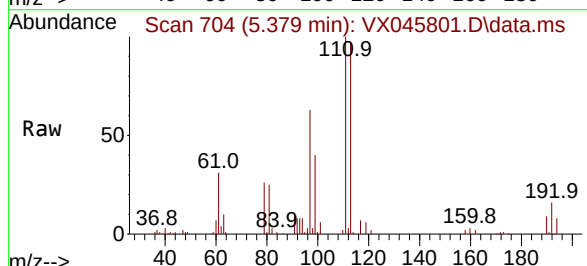
Tgt Ion: 97 Resp: 38638

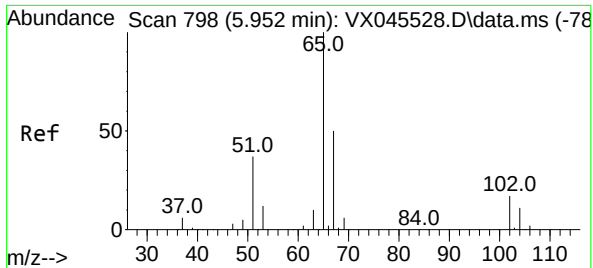
Ion Ratio Lower Upper

97 100

99 63.2 51.7 77.5

61 50.1 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 54.108 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 65 Resp: 8693

Ion Ratio Lower Upper

65 100

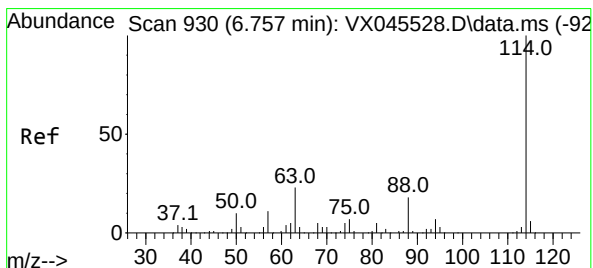
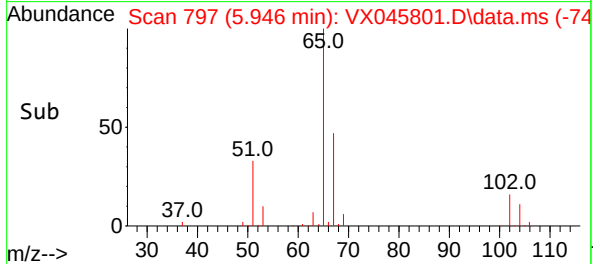
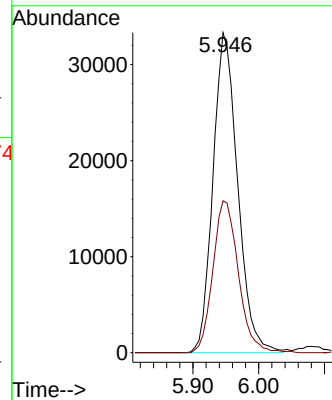
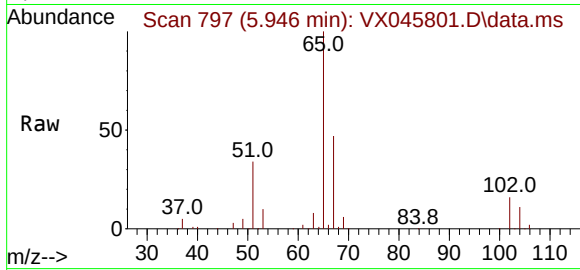
67 49.1 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

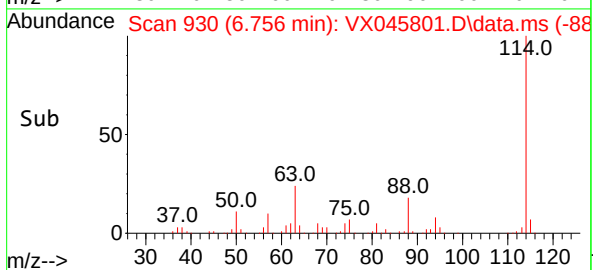
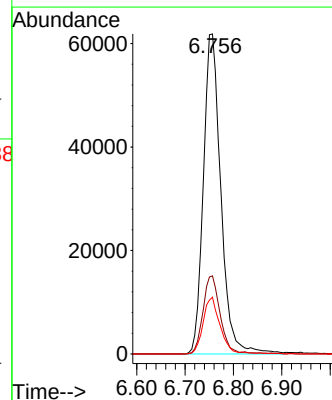
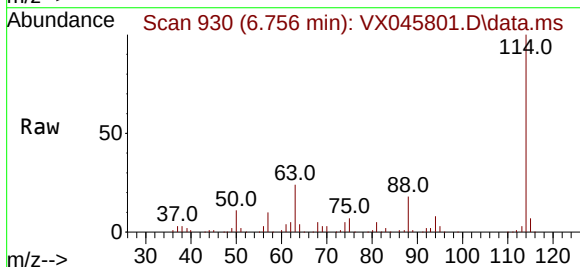
Tgt Ion:114 Resp: 155557

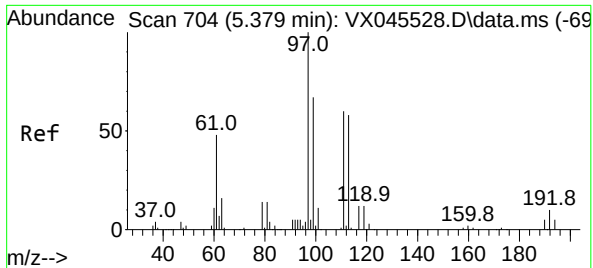
Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 17.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 53.446 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion:113 Resp: 5898

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.6

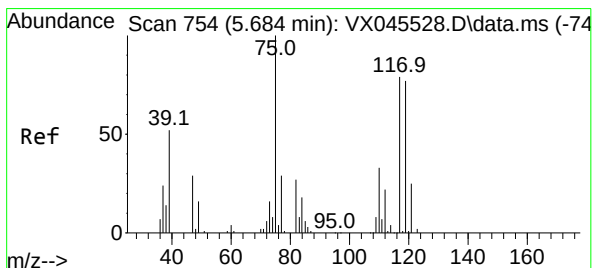
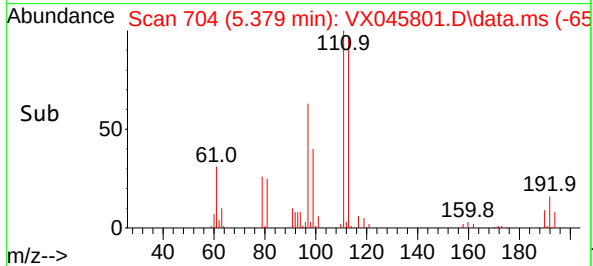
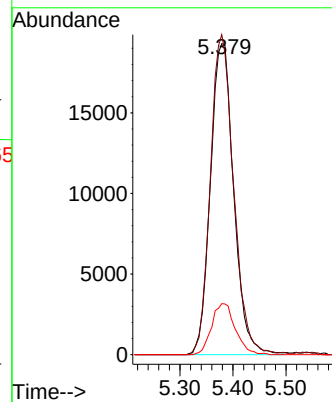
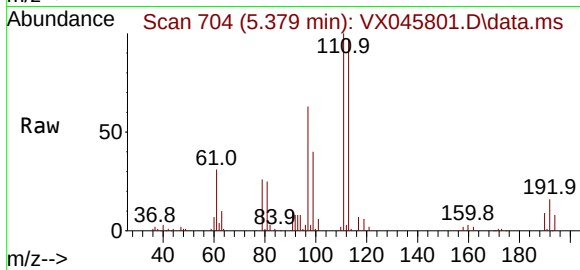
192 16.7 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#36

1,1-Dichloropropene

Concen: 19.112 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

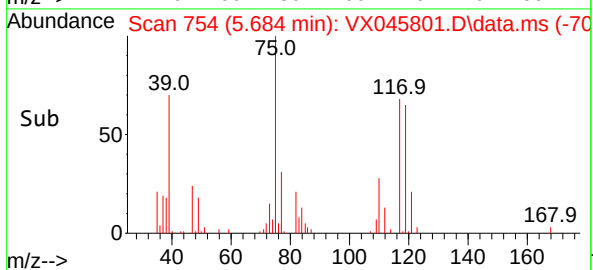
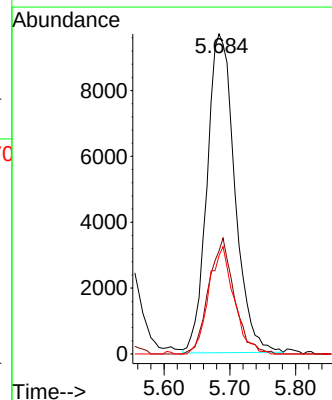
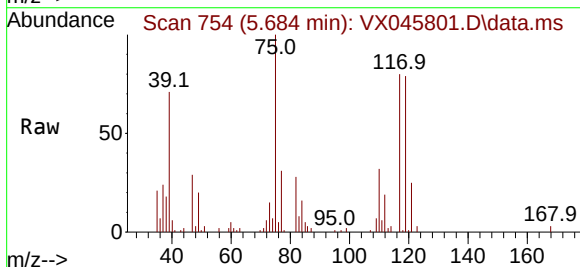
Tgt Ion: 75 Resp: 28481

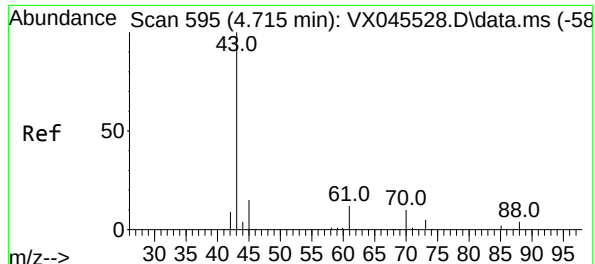
Ion Ratio Lower Upper

75 100

110 33.3 16.9 50.6

77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 19.520 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

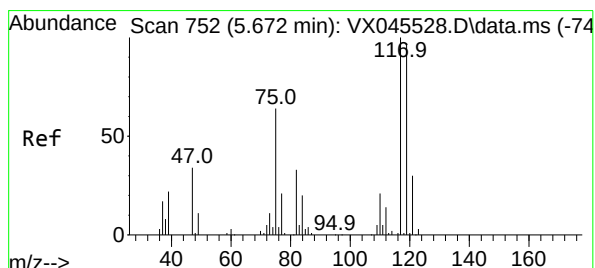
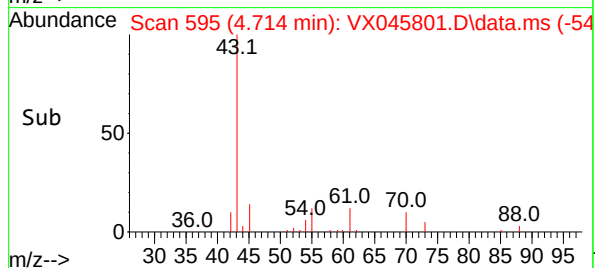
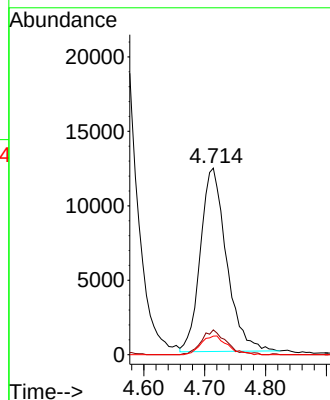
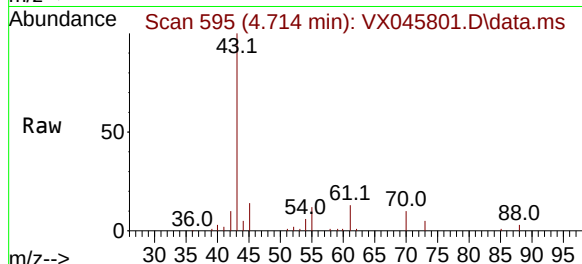
VX0416WBSD01

Tgt Ion:	43	Resp:	3665
Ion Ratio	Lower	Upper	
43	100		
61	12.9	9.9	14.9
70	10.4	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#38

Carbon Tetrachloride

Concen: 19.785 ug/l

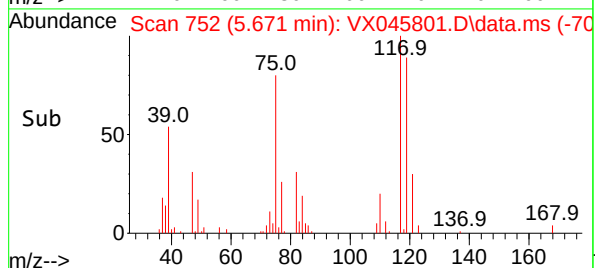
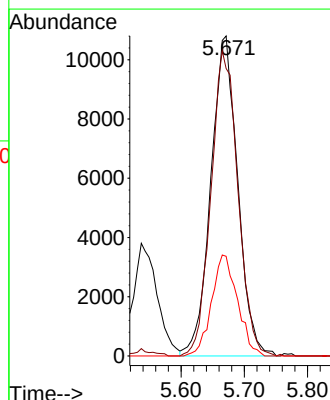
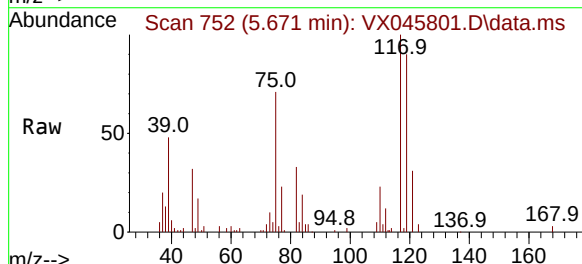
RT: 5.671 min Scan# 752

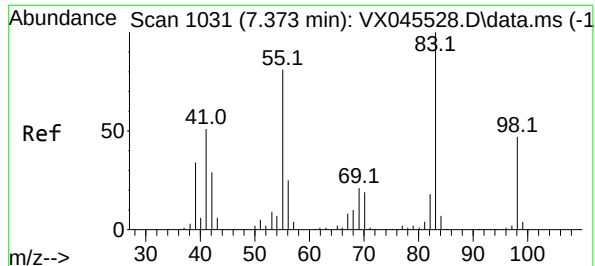
Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Tgt Ion:	117	Resp:	31865
Ion Ratio	Lower	Upper	
117	100		
119	89.8	76.9	115.3
121	31.2	24.2	36.2





#39

Methylcyclohexane

Concen: 19.212 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

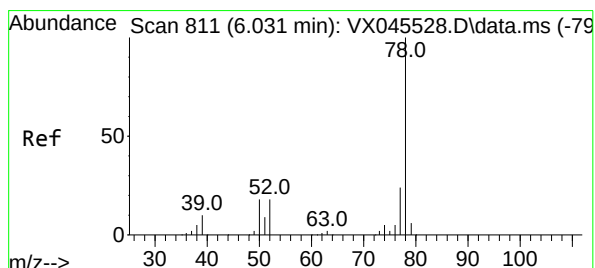
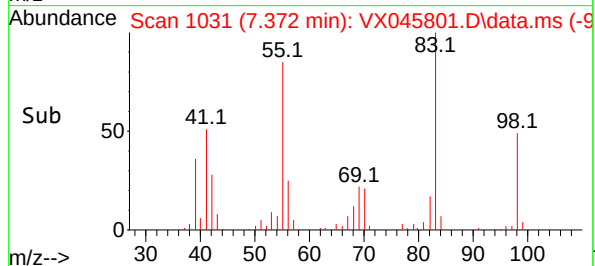
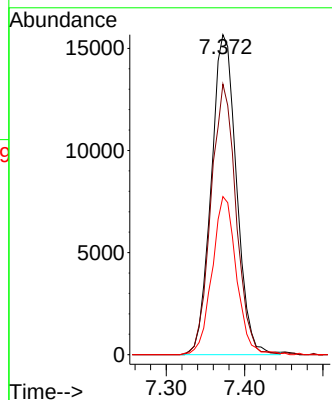
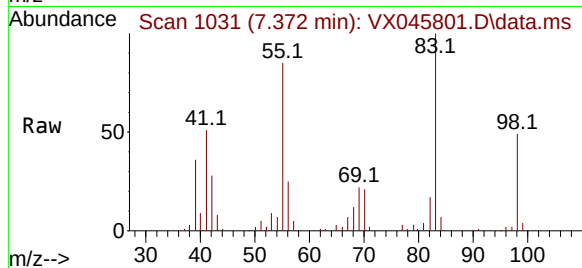
Tgt Ion: 83	Resp: 35094
Ion Ratio	Lower Upper
83 100	
55 84.6	64.9 97.3
98 49.4	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#40

Benzene

Concen: 19.079 ug/l

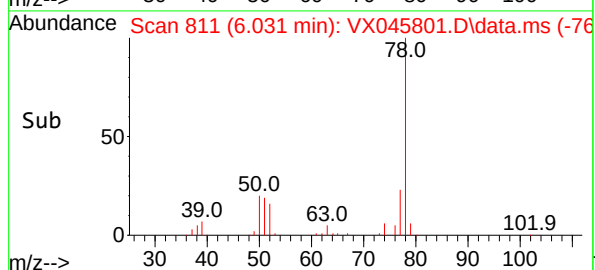
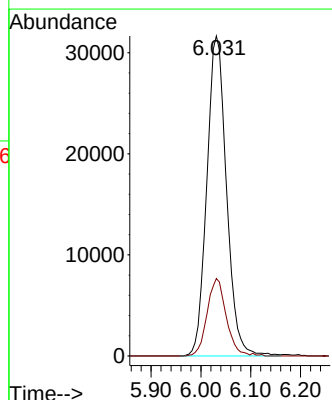
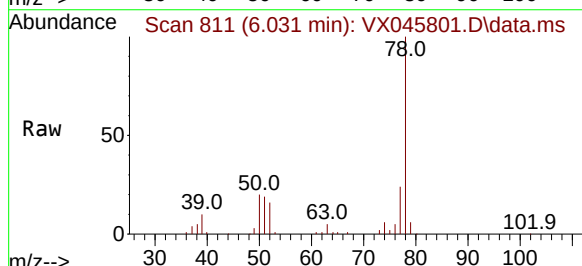
RT: 6.031 min Scan# 811

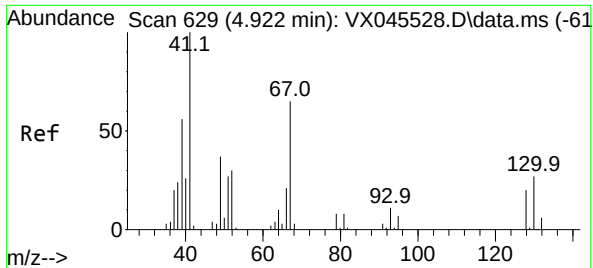
Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

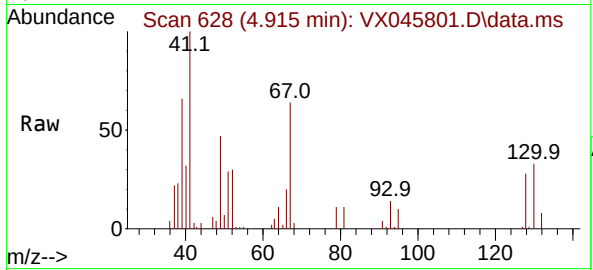
Tgt Ion: 78	Resp: 86831
Ion Ratio	Lower Upper
78 100	
77 24.2	19.0 28.6





#41
Methacrylonitrile
Concen: 22.434 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

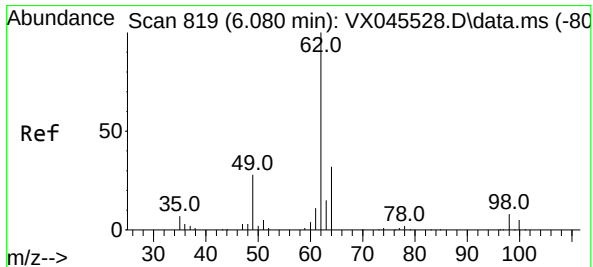
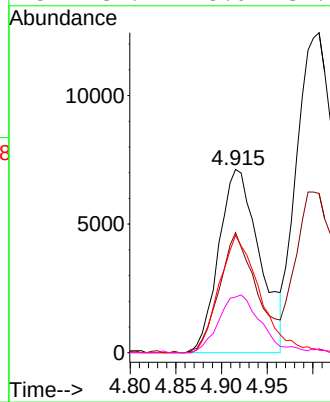
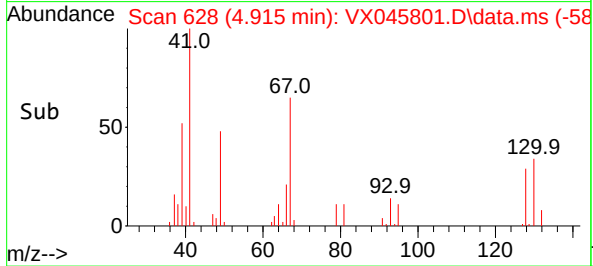
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



Tgt Ion: 41 Resp: 22229
Ion Ratio Lower Upper
41 100
39 60.6 47.0 70.6
67 63.8 53.2 79.8
52 32.1 25.0 37.6

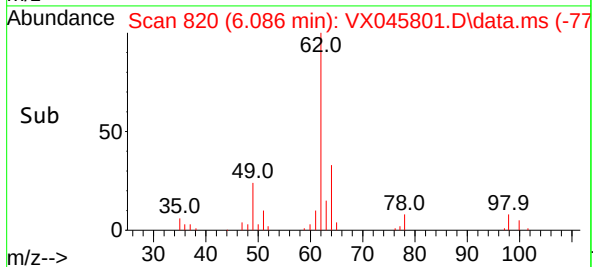
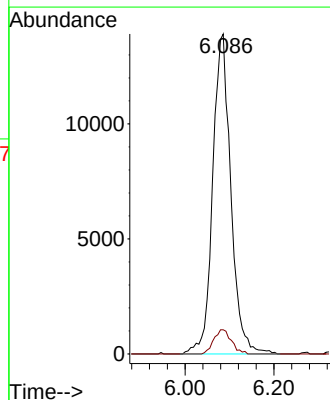
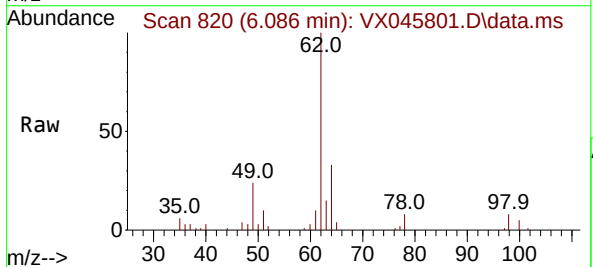
Manual Integrations
APPROVED

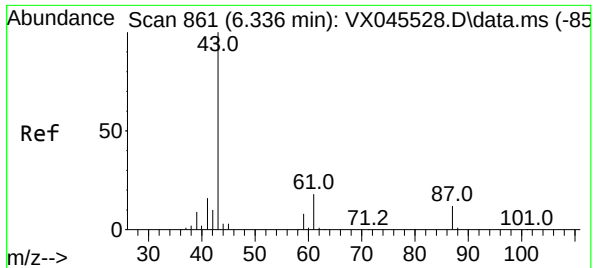
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#42
1,2-Dichloroethane
Concen: 20.952 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

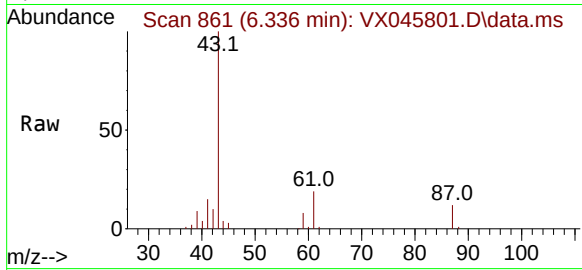
Tgt Ion: 62 Resp: 39385
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 20.344 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

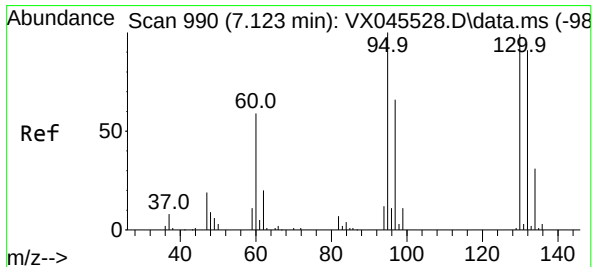
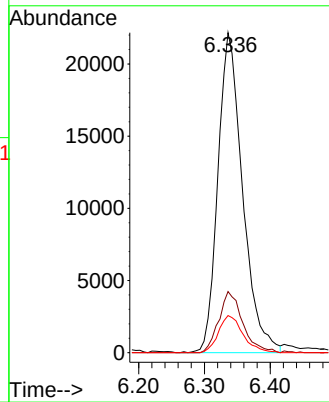
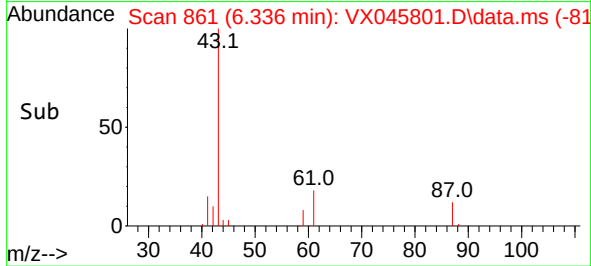
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



Tgt Ion: 43 Resp: 57900
Ion Ratio Lower Upper
43 100
61 18.4 14.1 21.1
87 11.5 9.2 13.8

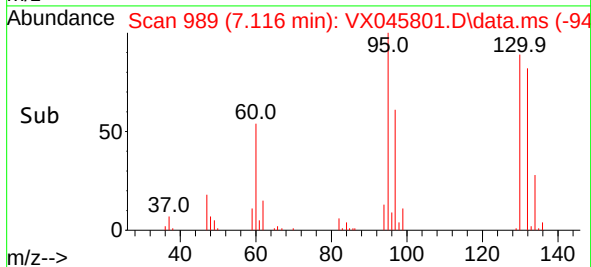
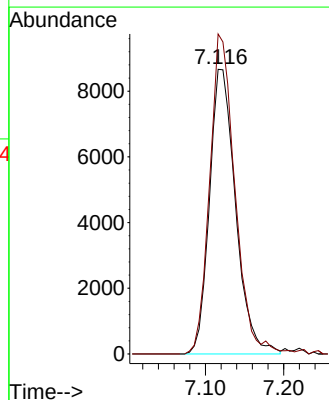
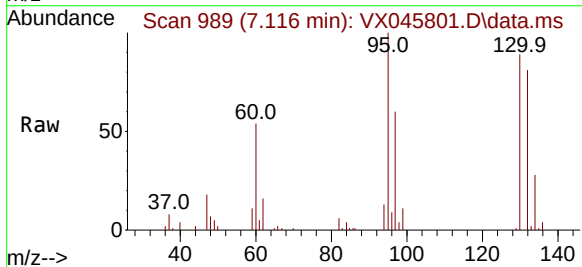
Manual Integrations
APPROVED

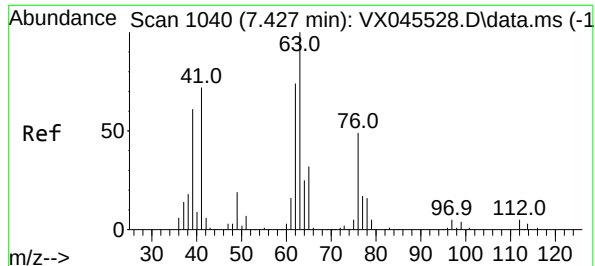
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#44
Trichloroethene
Concen: 18.552 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Tgt Ion:130 Resp: 20068
Ion Ratio Lower Upper
130 100
95 112.4 0.0 202.0





#45

1,2-Dichloropropane

Concen: 19.943 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 63 Resp: 22640

Ion Ratio Lower Upper

63 100

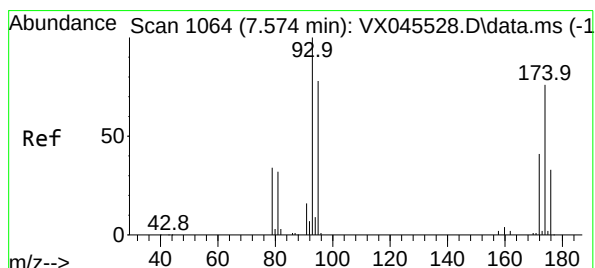
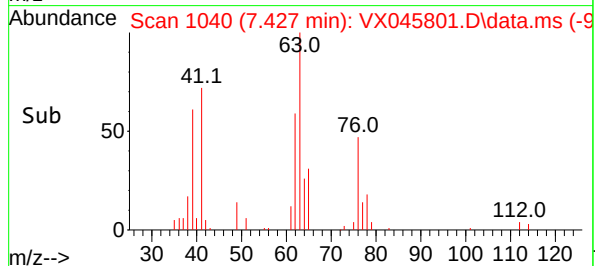
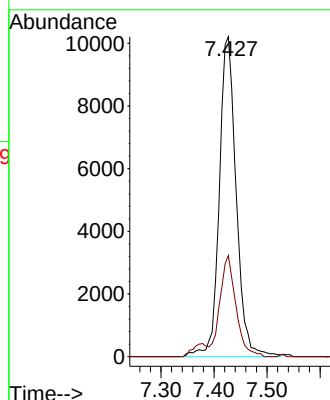
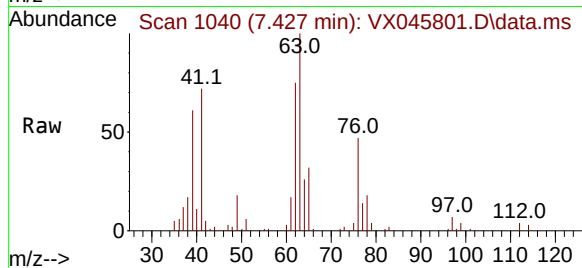
65 31.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#46

Dibromomethane

Concen: 19.999 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

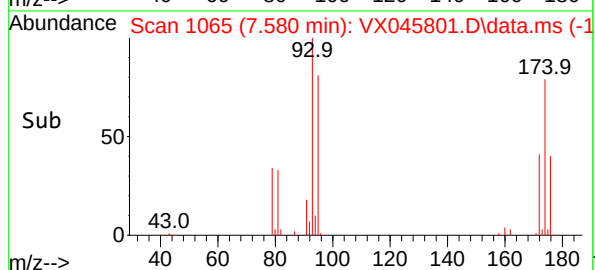
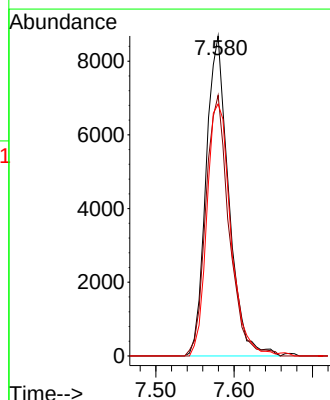
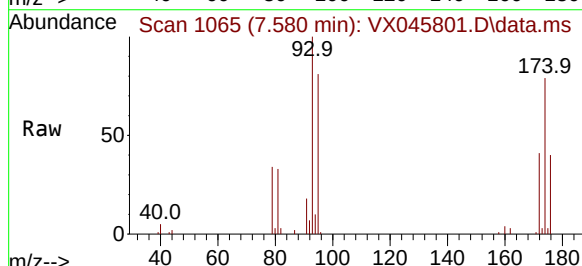
Tgt Ion: 93 Resp: 17433

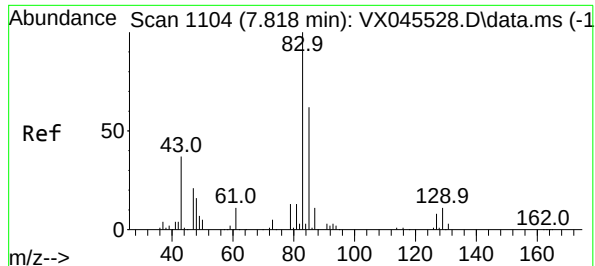
Ion Ratio Lower Upper

93 100

95 83.8 64.8 97.2

174 83.5 65.4 98.0





#47

Bromodichloromethane

Concen: 19.854 ug/l

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 83 Resp: 34562

Ion Ratio Lower Upper

83 100

85 62.2 49.7 74.5

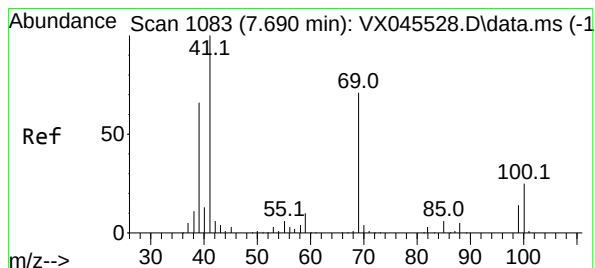
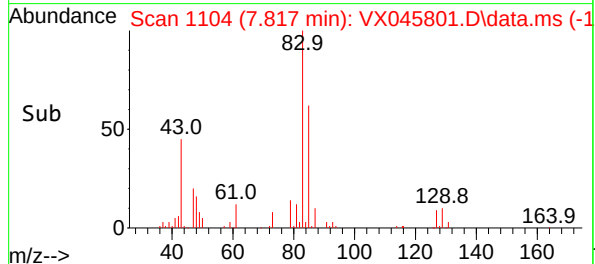
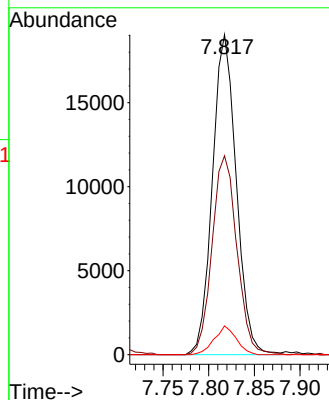
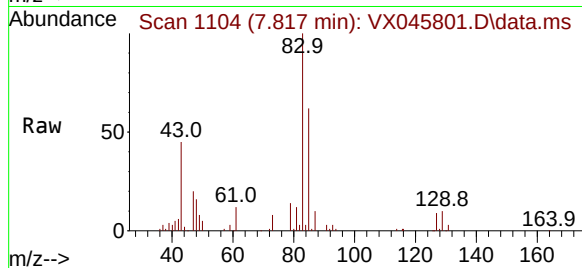
127 9.0 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#48

Methyl methacrylate

Concen: 20.912 ug/l

RT: 7.689 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

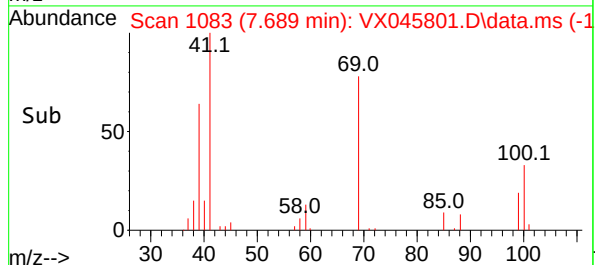
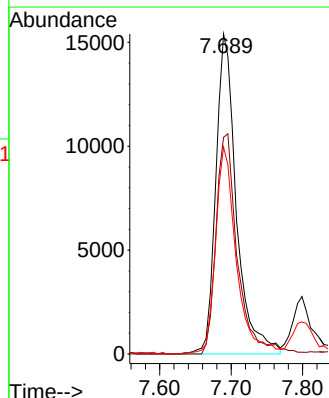
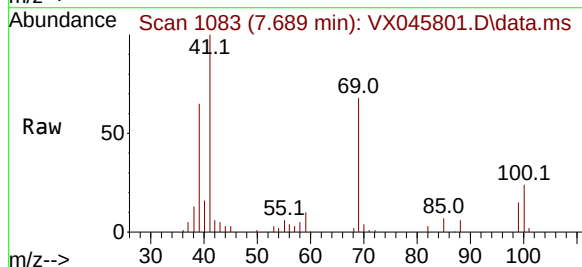
Tgt Ion: 41 Resp: 30732

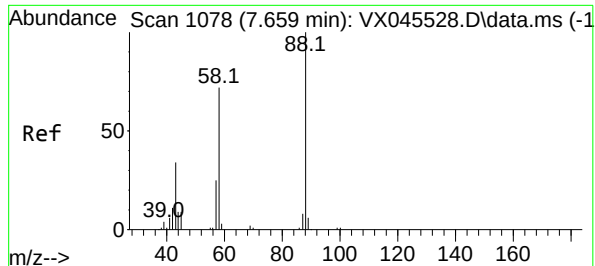
Ion Ratio Lower Upper

41 100

69 71.8 58.2 87.2

39 65.2 53.6 80.4





#49

1,4-Dioxane

Concen: 442.482 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 88 Resp: 1176

Ion Ratio Lower Upper

88 100

43 42.3 32.2 48.4

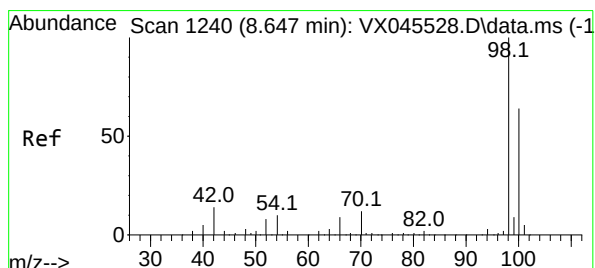
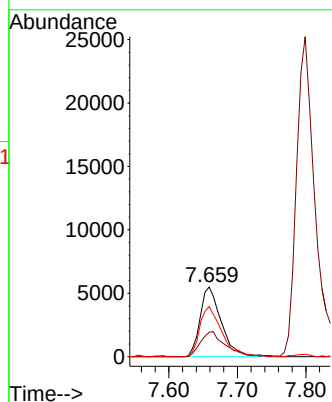
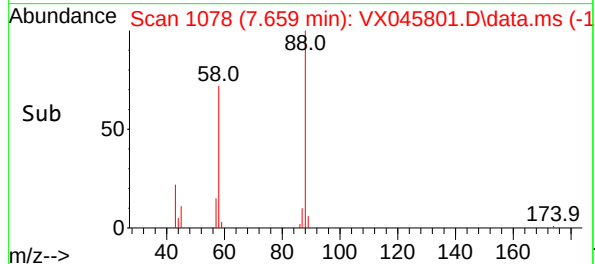
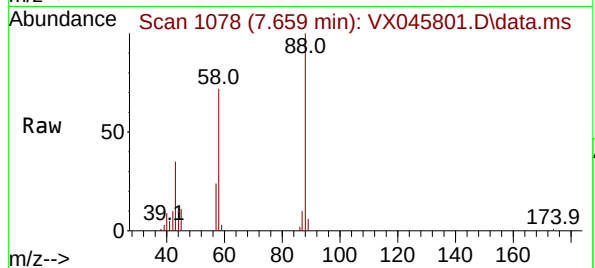
58 74.2 58.6 88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#50

Toluene-d8

Concen: 51.056 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045801.D

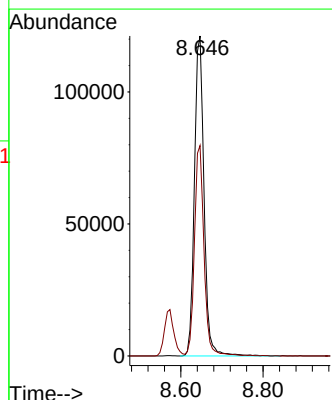
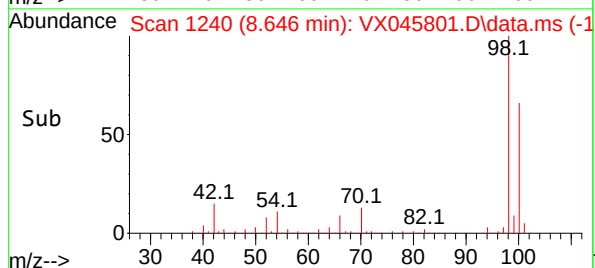
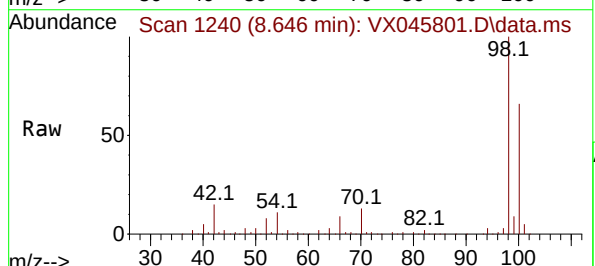
Acq: 16 Apr 2025 12:39

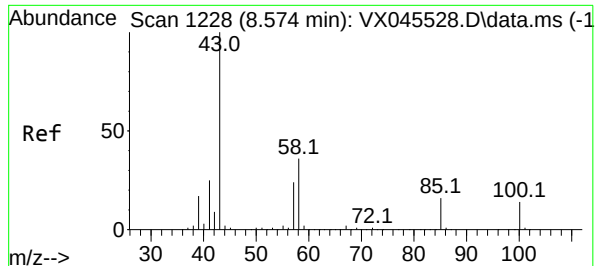
Tgt Ion: 98 Resp: 196683

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4





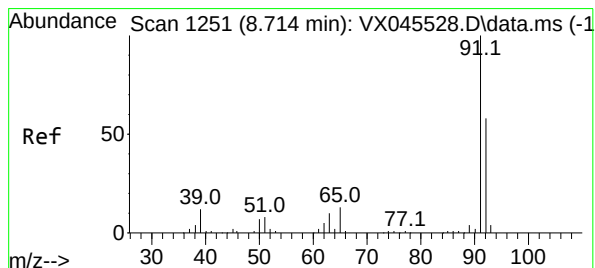
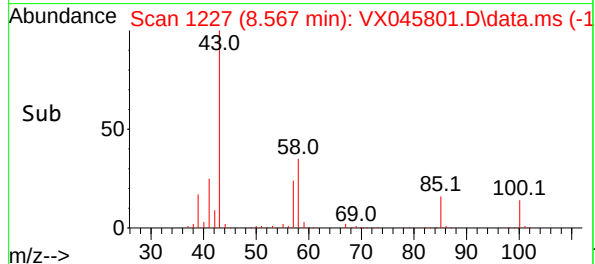
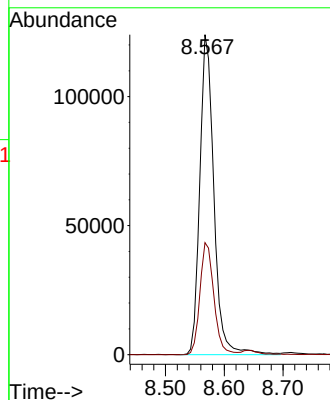
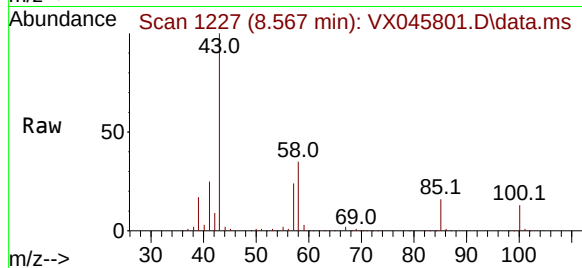
#51
4-Methyl-2-Pentanone
Concen: 109.686 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tgt Ion: 43 Resp: 20696
Ion Ratio Lower Upper
43 100
58 34.7 28.5 42.7

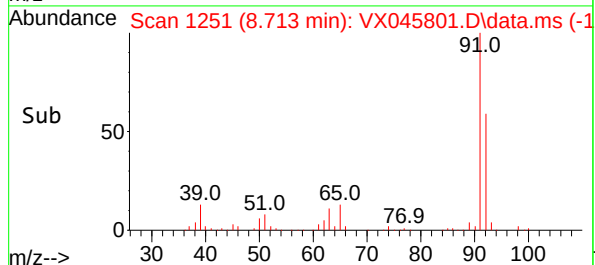
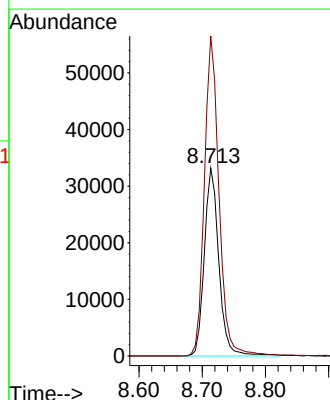
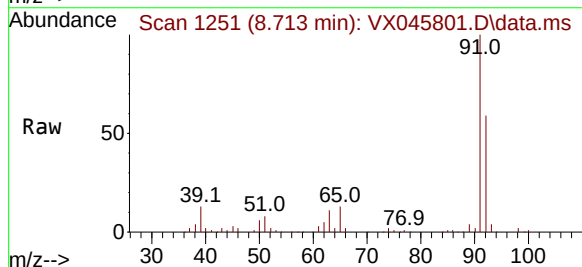
Manual Integrations
APPROVED

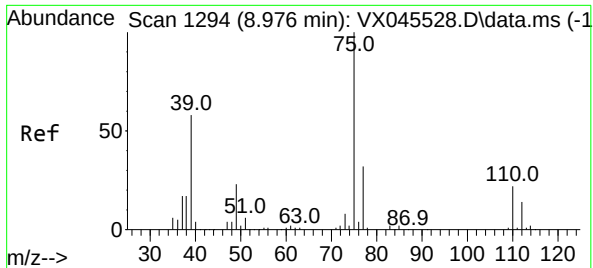
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#52
Toluene
Concen: 19.278 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Tgt Ion: 92 Resp: 53091
Ion Ratio Lower Upper
92 100
91 171.9 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 19.258 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 75 Resp: 2977

Ion Ratio Lower Upper

75 100

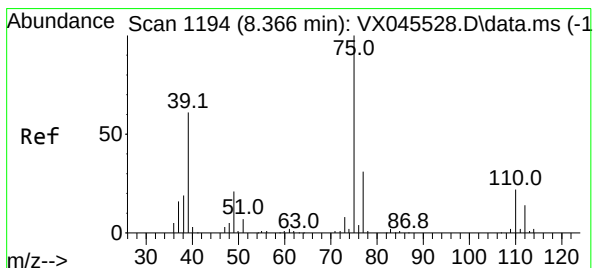
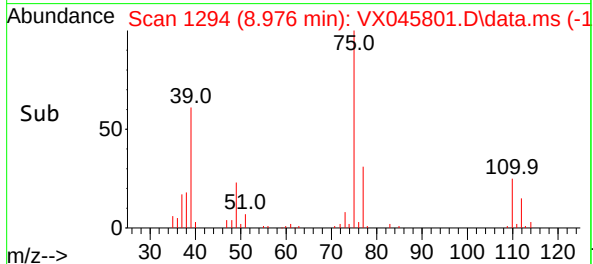
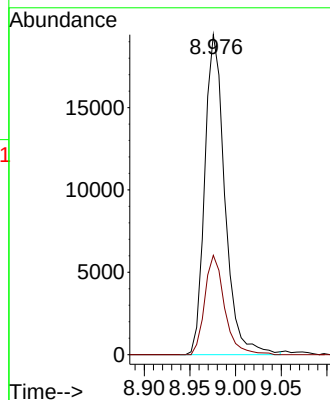
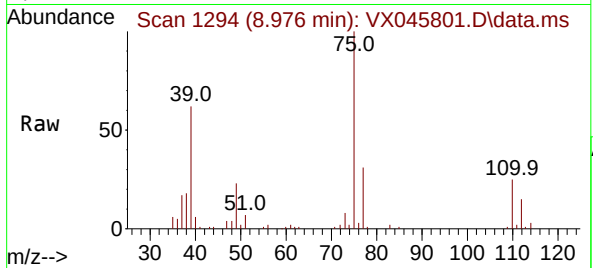
77 31.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#54

cis-1,3-Dichloropropene

Concen: 20.249 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

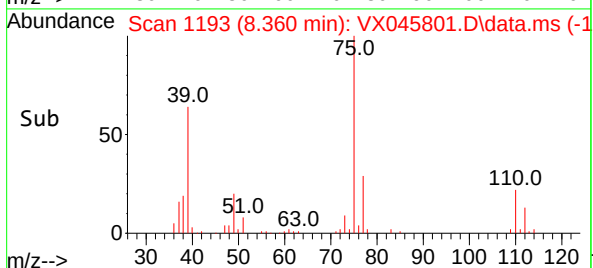
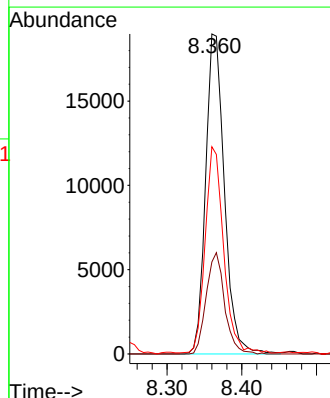
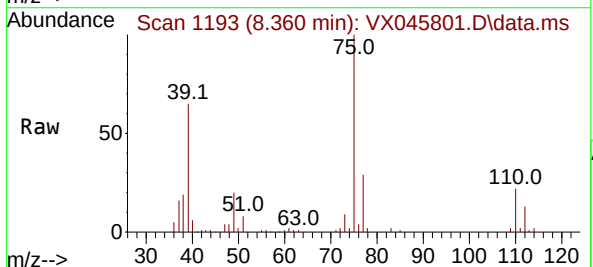
Tgt Ion: 75 Resp: 33125

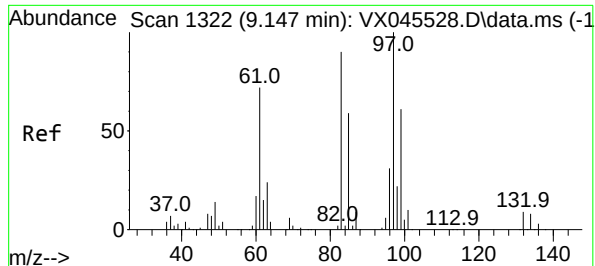
Ion Ratio Lower Upper

75 100

77 28.8 24.6 36.8

39 64.4 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 20.818 ug/l

RT: 9.146 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 97 Resp: 22840

Ion Ratio Lower Upper

97 100

83 85.3 71.8 107.8

85 52.8 47.0 70.6

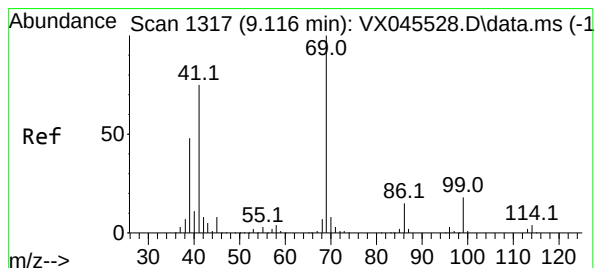
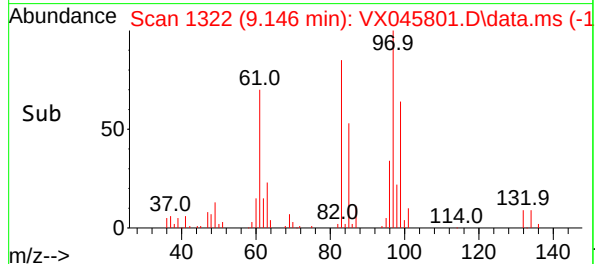
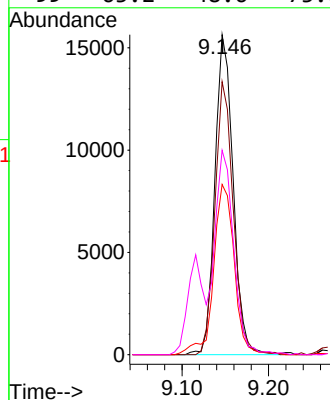
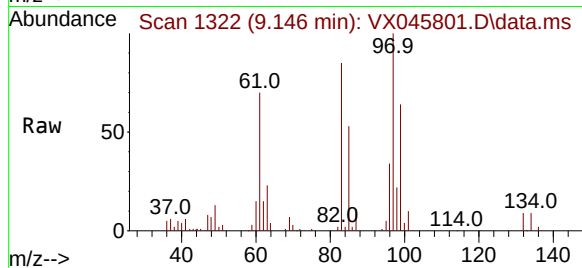
99 63.2 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#56

Ethyl methacrylate

Concen: 20.877 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

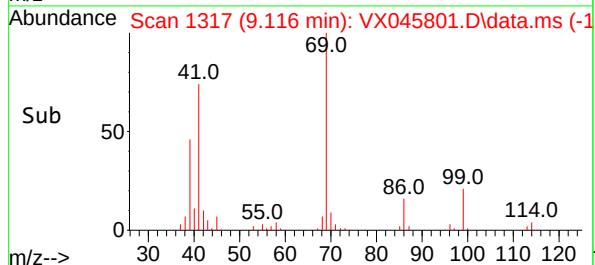
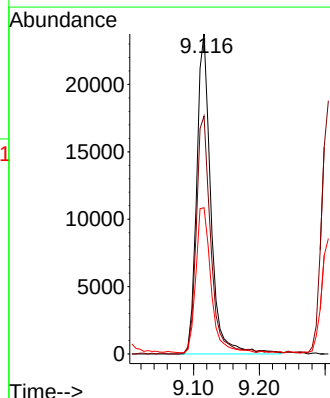
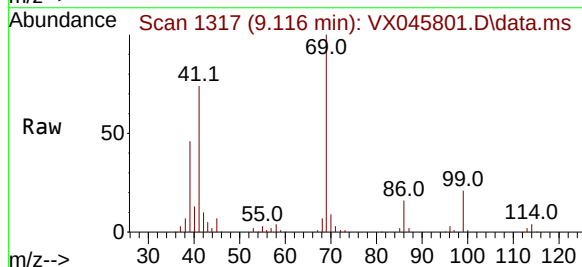
Tgt Ion: 69 Resp: 35457

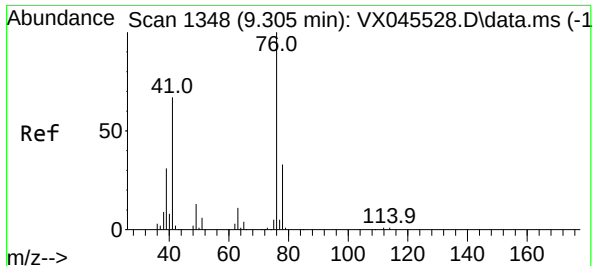
Ion Ratio Lower Upper

69 100

41 76.6 61.3 91.9

39 48.7 40.2 60.2





#57

1,3-Dichloropropane

Concen: 20.476 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 76 Resp: 39129

Ion Ratio Lower Upper

76 100

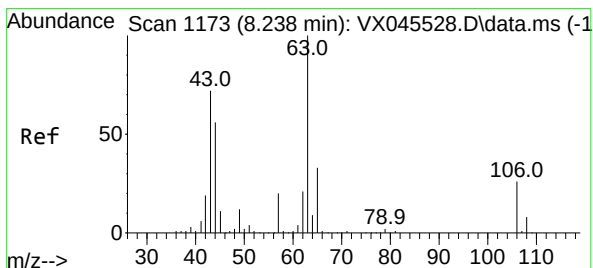
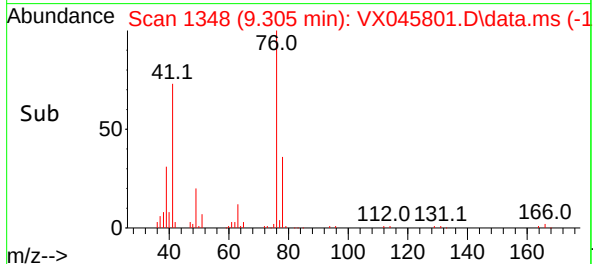
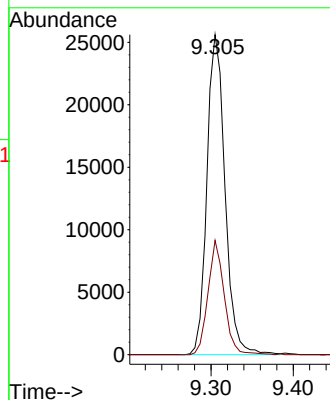
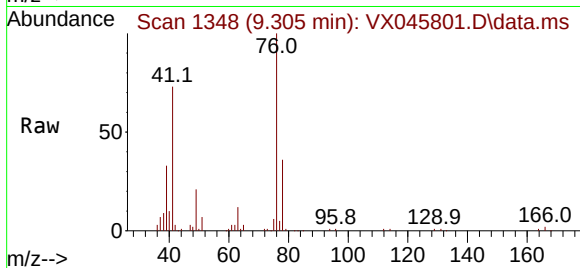
78 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 98.074 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045801.D

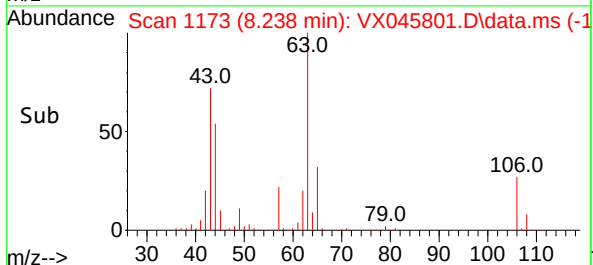
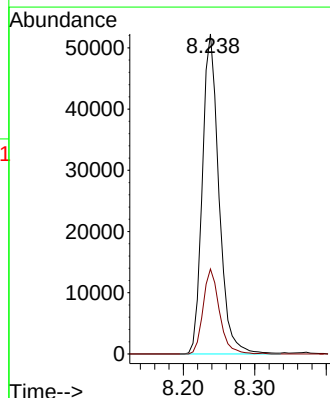
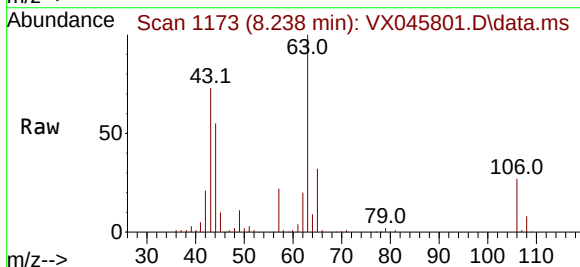
Acq: 16 Apr 2025 12:39

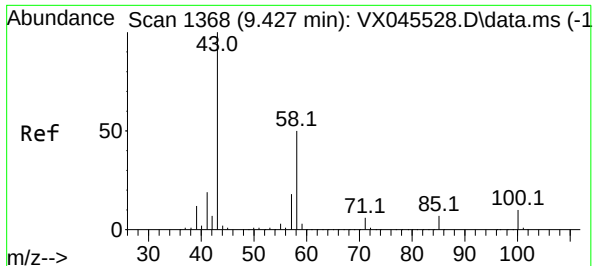
Tgt Ion: 63 Resp: 84260

Ion Ratio Lower Upper

63 100

106 26.1 21.0 31.6





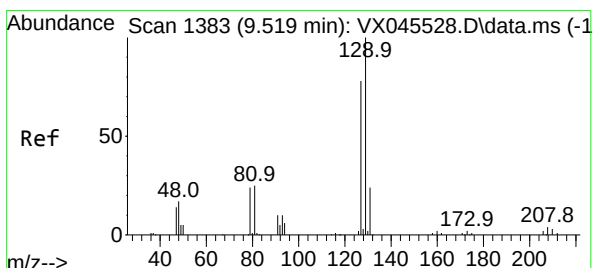
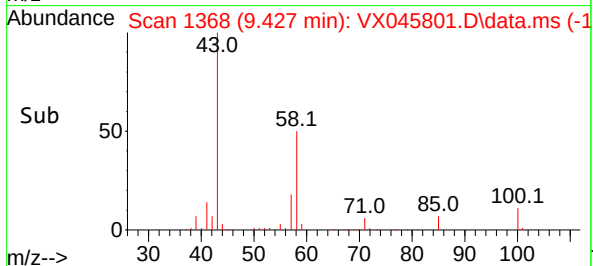
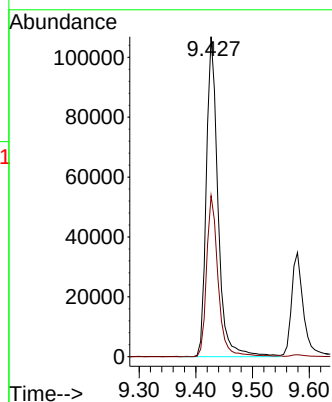
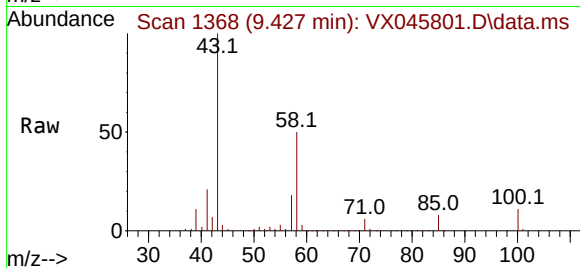
#59
2-Hexanone
Concen: 109.622 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tgt Ion: 43 Resp: 153170
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6

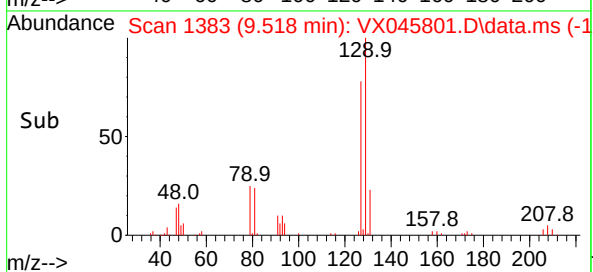
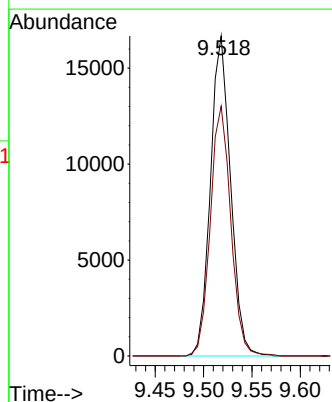
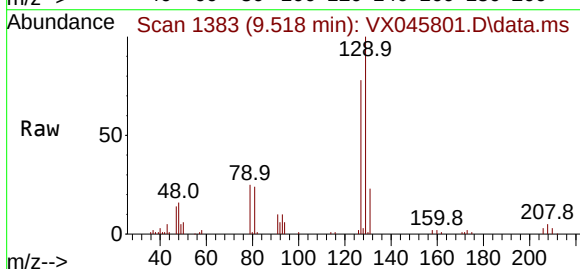
Manual Integrations
APPROVED

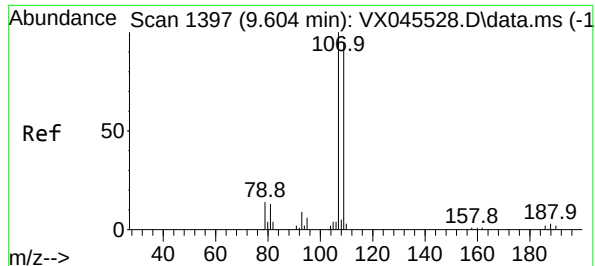
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#60
Dibromochloromethane
Concen: 20.206 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

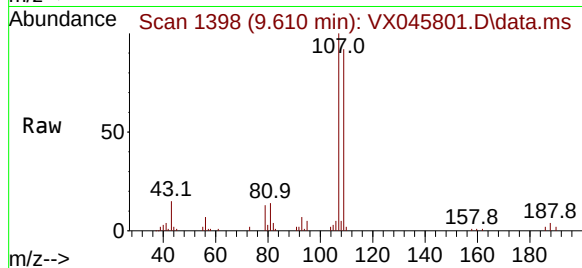
Tgt Ion:129 Resp: 24174
Ion Ratio Lower Upper
129 100
127 79.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.992 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

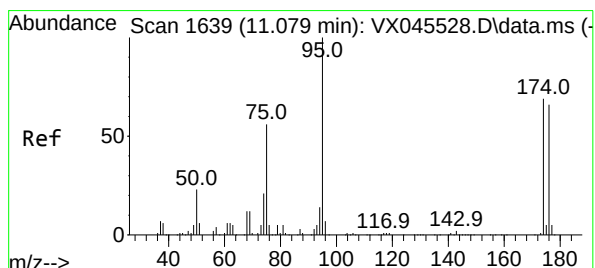
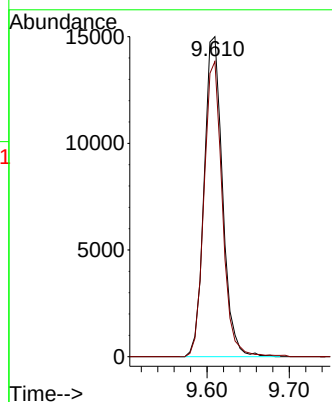
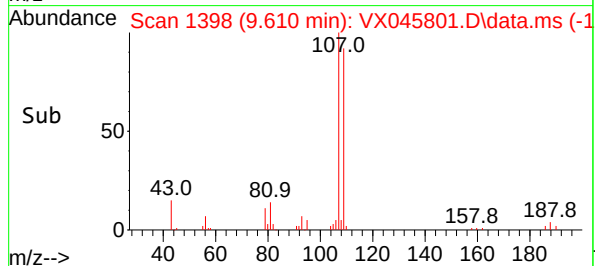
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



Tgt Ion:107 Resp: 23320
Ion Ratio Lower Upper
107 100
109 92.0 75.7 113.5

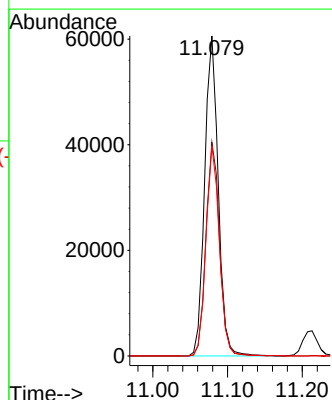
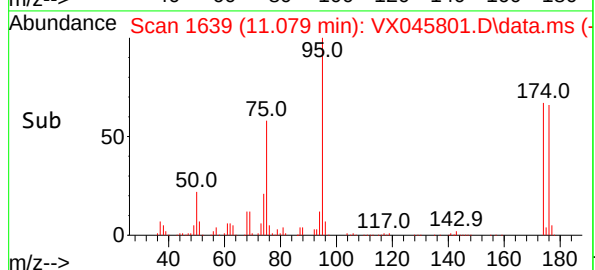
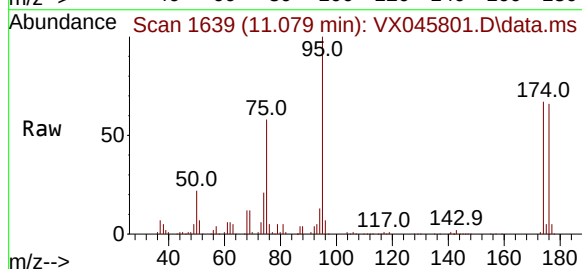
Manual Integrations
APPROVED

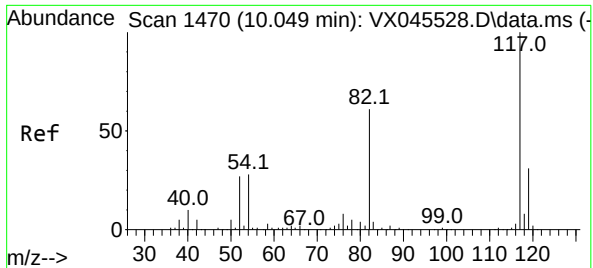
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#62
4-Bromofluorobenzene
Concen: 54.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

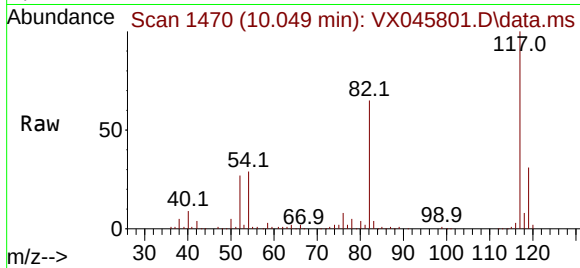
Tgt Ion: 95 Resp: 76265
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 64.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

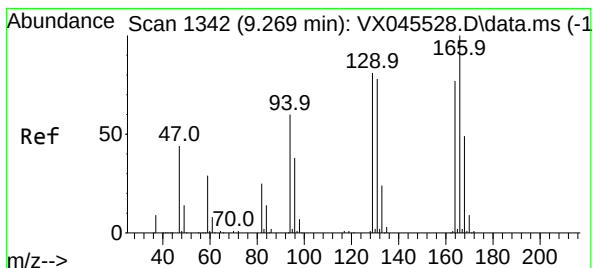
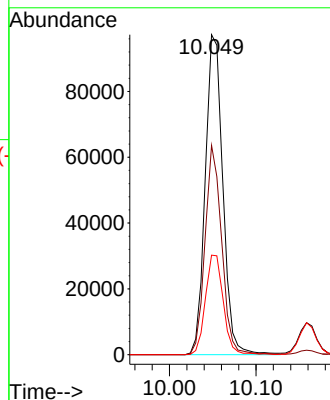
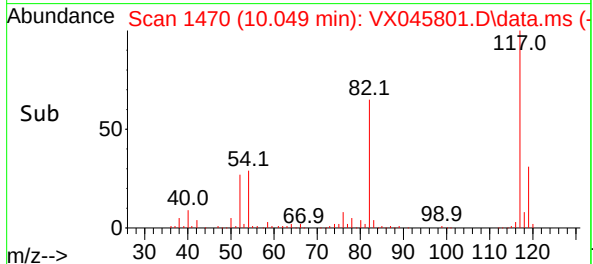
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



Tgt Ion:117 Resp: 137500
Ion Ratio Lower Upper
117 100
82 65.4 49.2 73.8
119 31.1 25.1 37.7

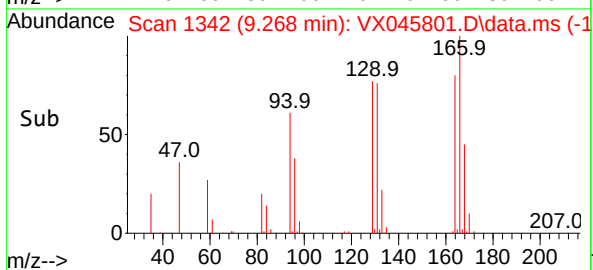
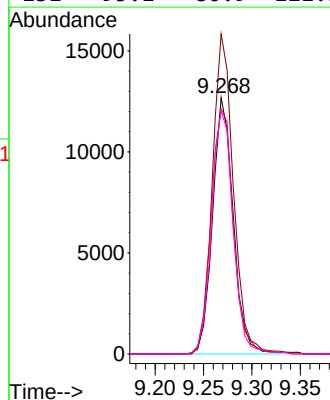
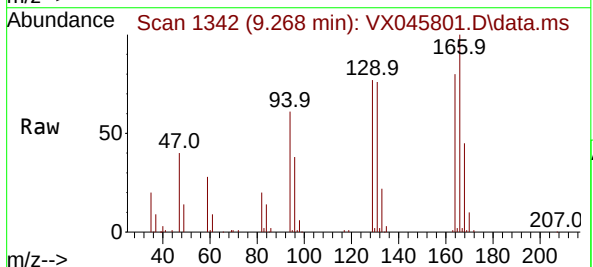
Manual Integrations
APPROVED

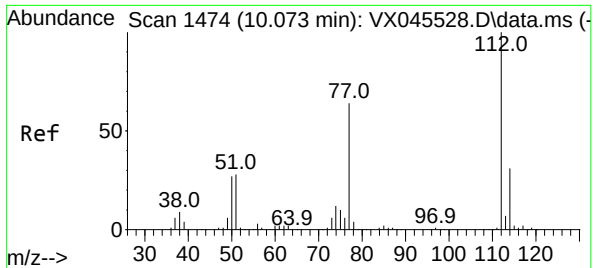
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#64
Tetrachloroethene
Concen: 19.357 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

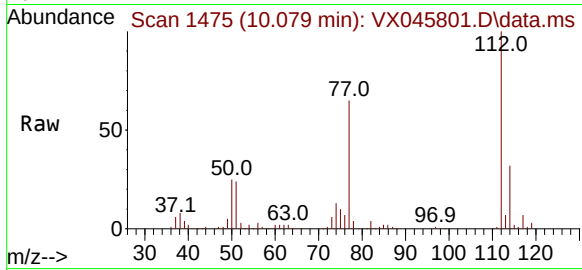
Tgt Ion:164 Resp: 18792
Ion Ratio Lower Upper
164 100
166 124.9 103.8 155.8
129 95.6 84.3 126.5
131 95.1 80.9 121.3





#65
Chlorobenzene
Concen: 19.728 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

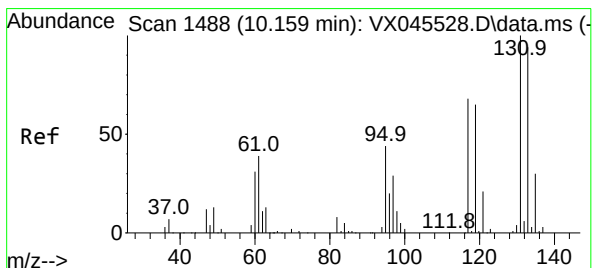
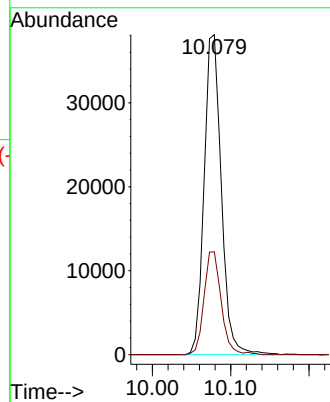
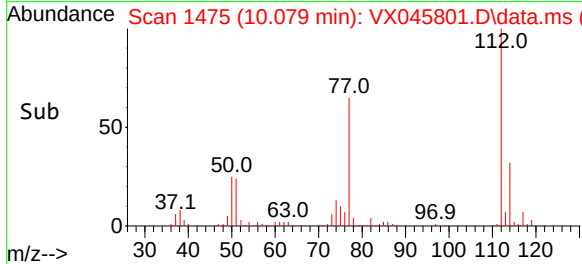
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



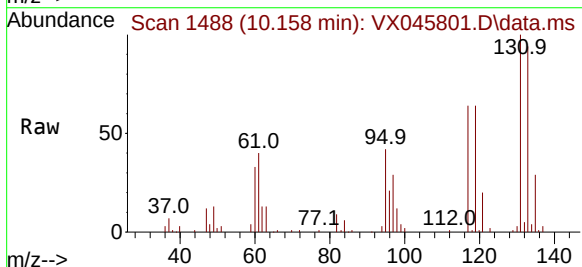
Tgt Ion:112 Resp: 5796
Ion Ratio Lower Upper
112 100
114 32.2 24.7 37.1

Manual Integrations
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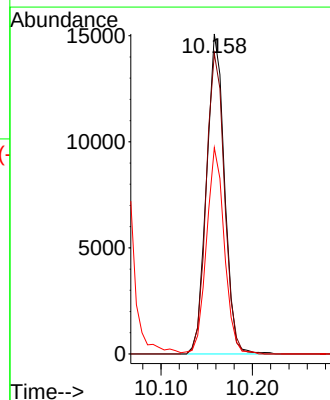
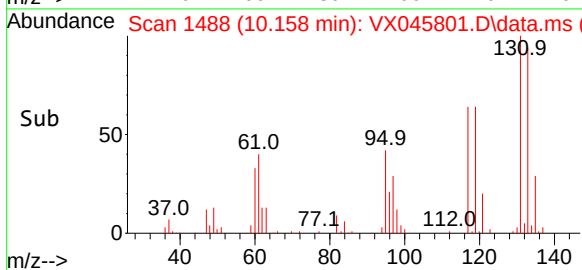
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

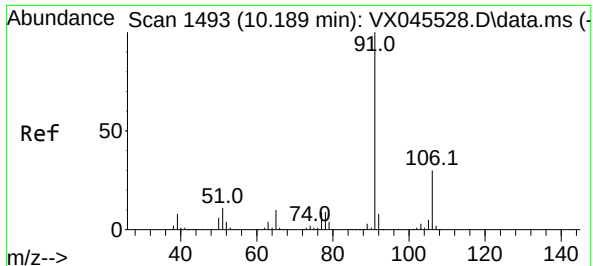


#66
1,1,1,2-Tetrachloroethane
Concen: 20.123 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39



Tgt Ion:131 Resp: 20528
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 64.2 32.9 98.6





#67

Ethyl Benzene

Concen: 19.849 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 91 Resp: 10445

Ion Ratio Lower Upper

91 100

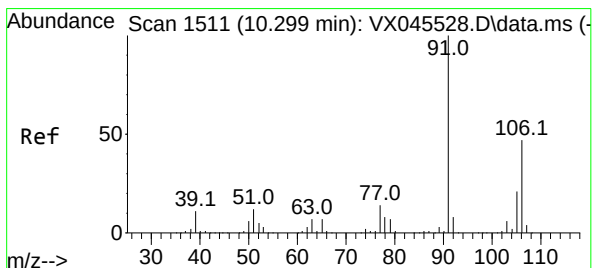
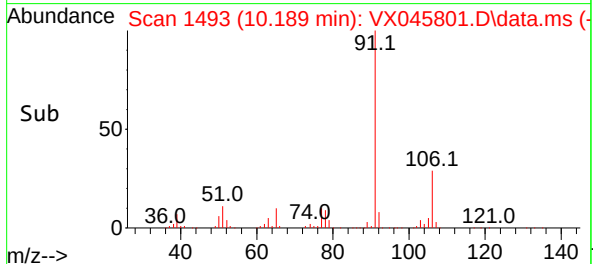
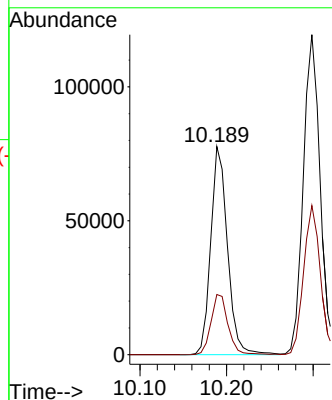
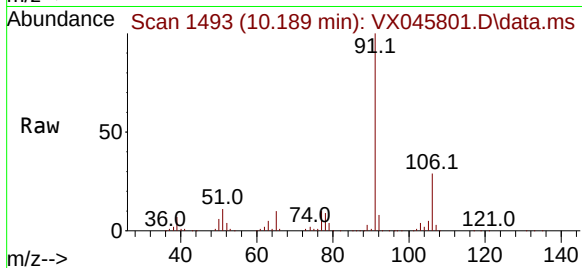
106 28.9 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#68

m/p-Xylenes

Concen: 40.048 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045801.D

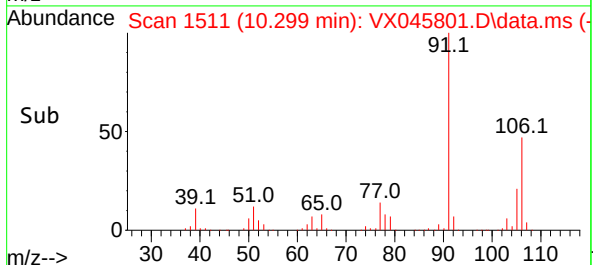
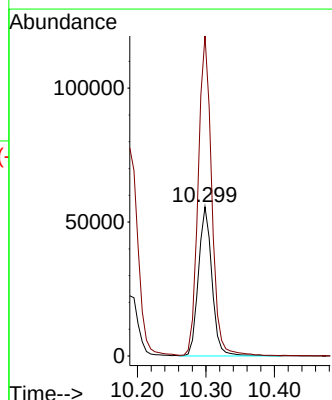
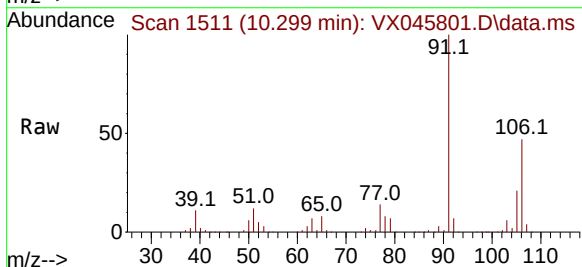
Acq: 16 Apr 2025 12:39

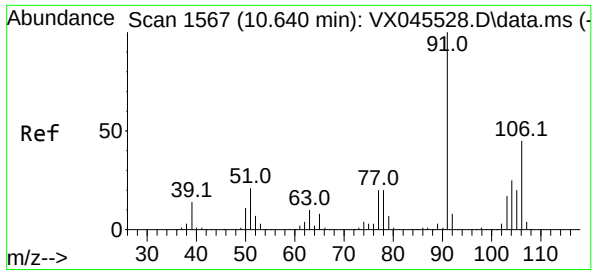
Tgt Ion:106 Resp: 76653

Ion Ratio Lower Upper

106 100

91 213.6 172.6 258.8





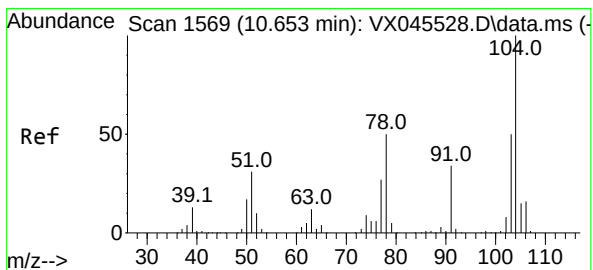
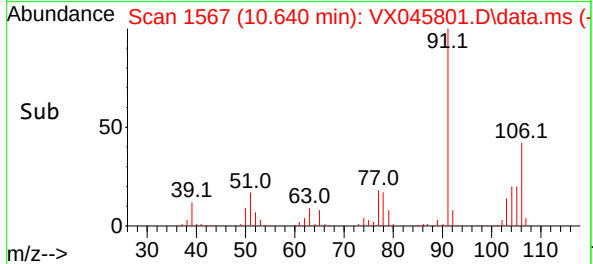
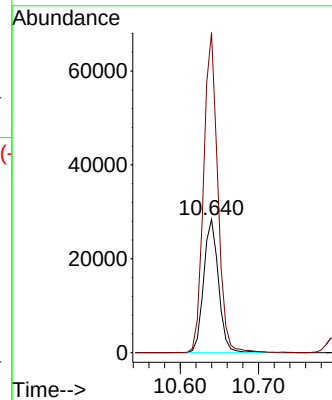
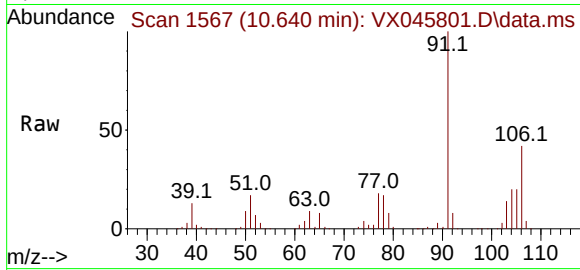
#69
o-Xylene
Concen: 19.850 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tgt Ion:106 Resp: 3742
Ion Ratio Lower Upper
106 100
91 229.3 113.6 340.6

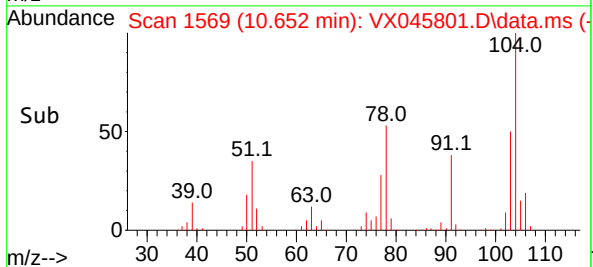
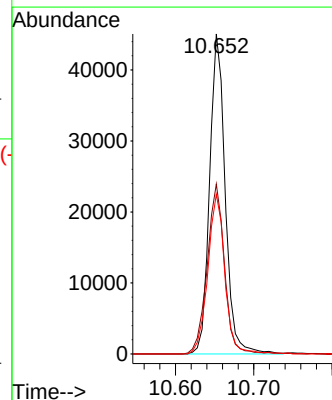
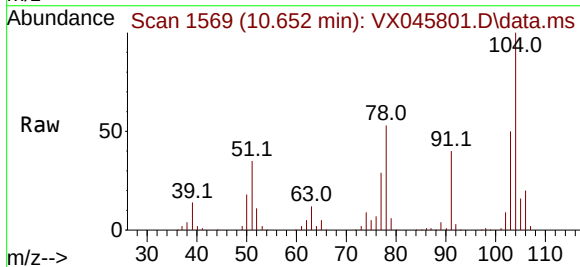
Manual Integrations
APPROVED

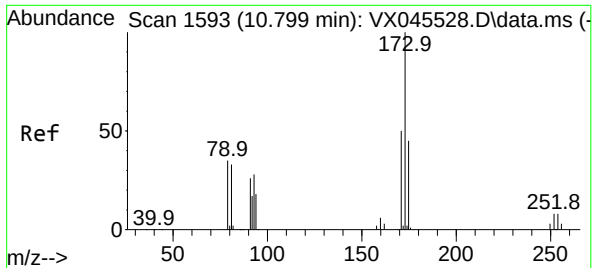
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#70
Styrene
Concen: 19.992 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

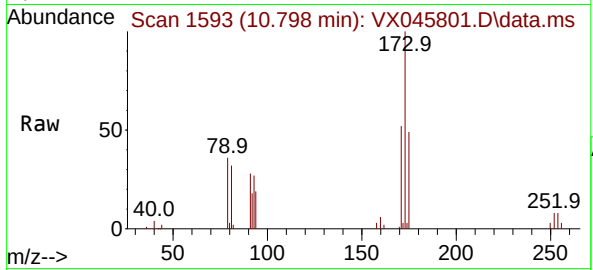
Tgt Ion:104 Resp: 62215
Ion Ratio Lower Upper
104 100
78 59.2 45.4 68.2
103 54.6 43.8 65.8





#71
Bromoform
Concen: 19.933 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

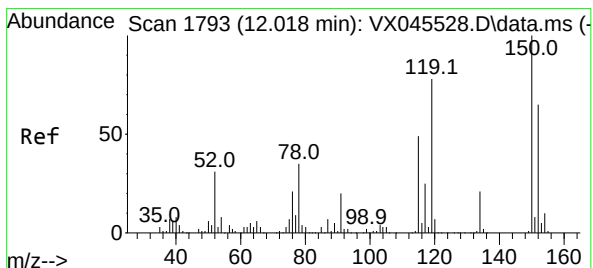
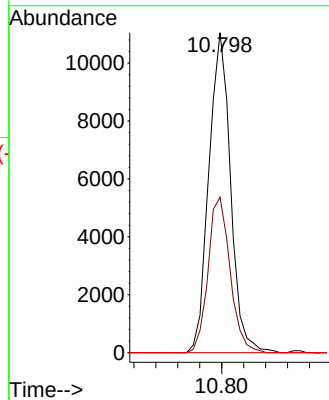
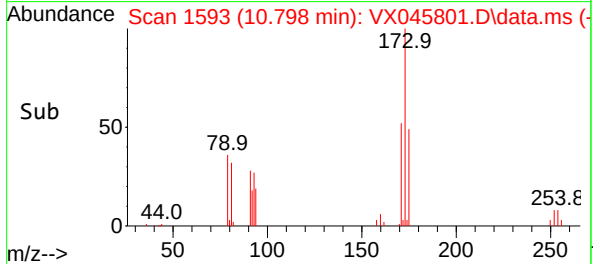
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



Tgt Ion:173 Resp: 1518
Ion Ratio Lower Upper
173 100
175 49.4 23.4 70.2
254 0.0 0.0 0.0

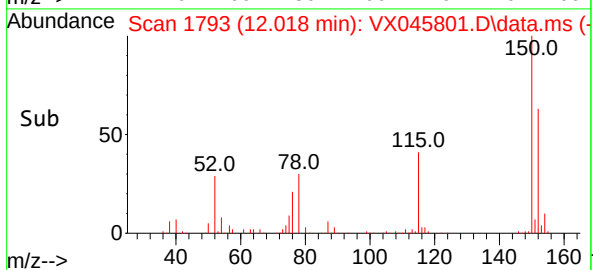
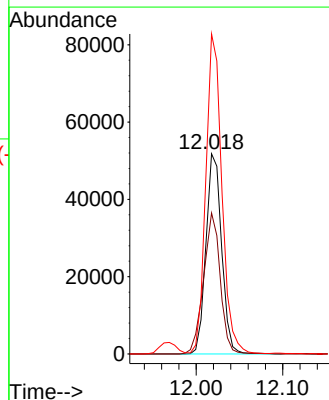
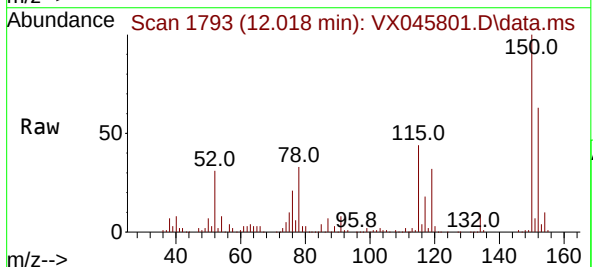
Manual Integrations
APPROVED

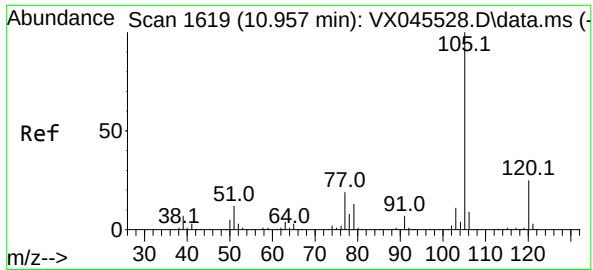
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

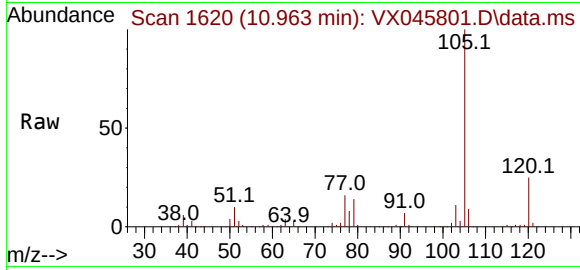
Tgt Ion:152 Resp: 65216
Ion Ratio Lower Upper
152 100
115 74.7 46.9 140.7
150 162.9 0.0 349.4





#73
Isopropylbenzene
Concen: 19.097 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

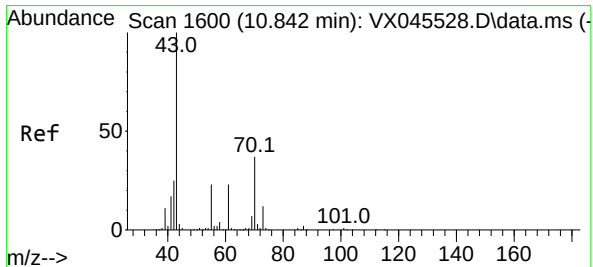
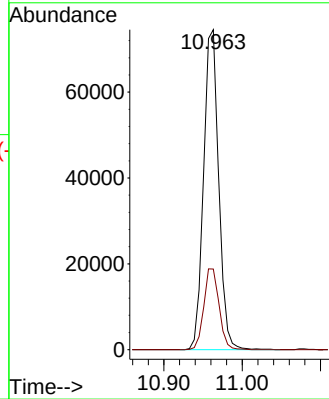
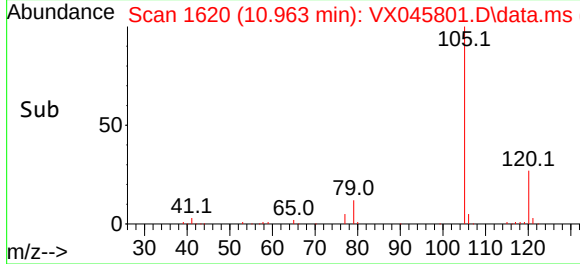
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



Tgt Ion:105 Resp: 99759
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

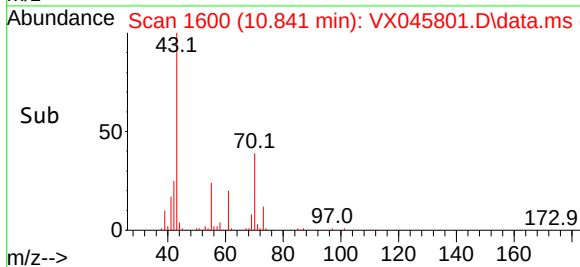
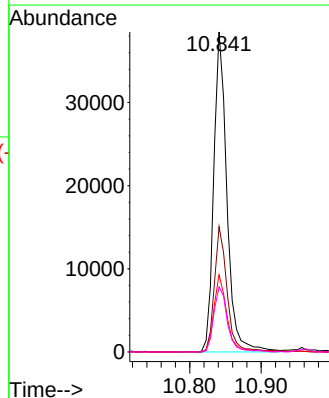
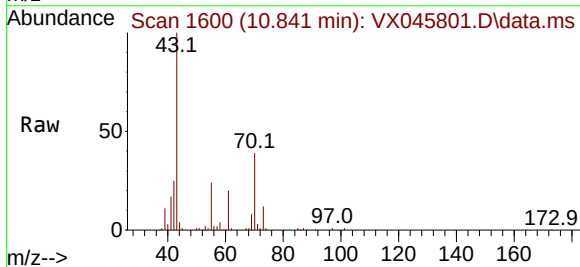
Manual Integrations
APPROVED

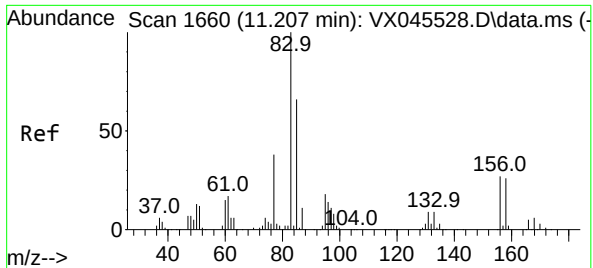
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#74
N-ethyl acetate
Concen: 19.705 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Tgt Ion: 43 Resp: 49240
Ion Ratio Lower Upper
43 100
70 38.0 30.1 45.1
55 24.1 18.3 27.5
61 21.0 17.5 26.3





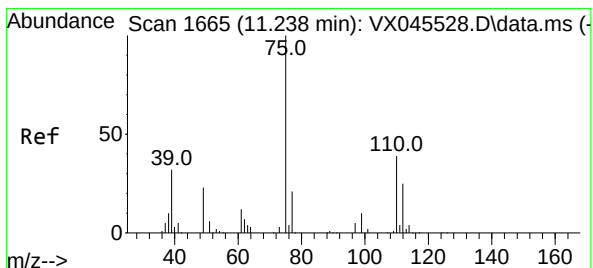
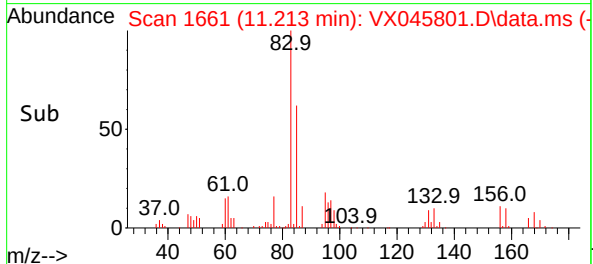
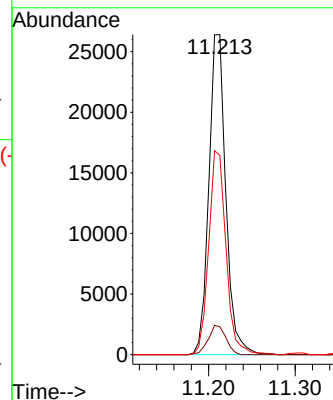
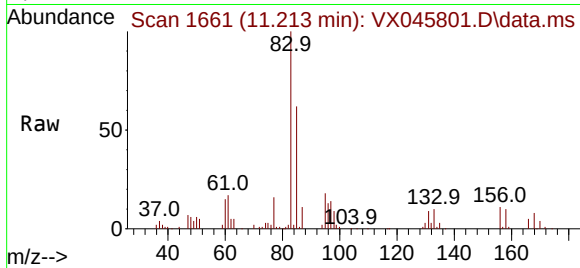
#75
1,1,2,2-Tetrachloroethane
Concen: 19.599 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tgt Ion: 83 Resp: 3596
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.8 32.4 97.2

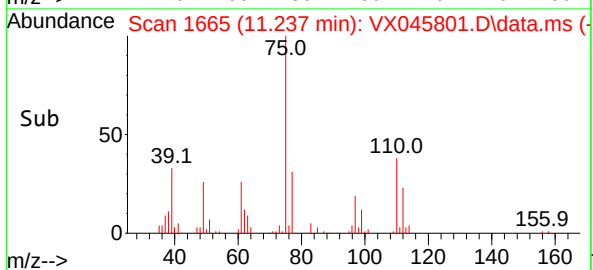
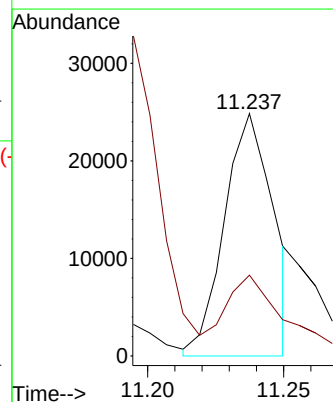
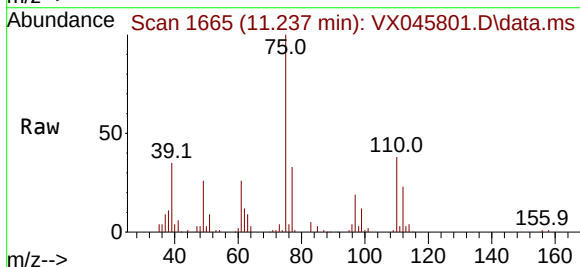
Manual Integrations
APPROVED

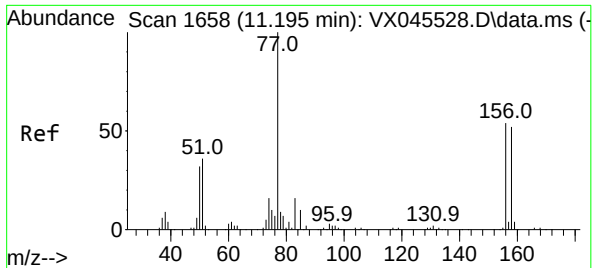
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#76
1,2,3-Trichloropropane
Concen: 19.540 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

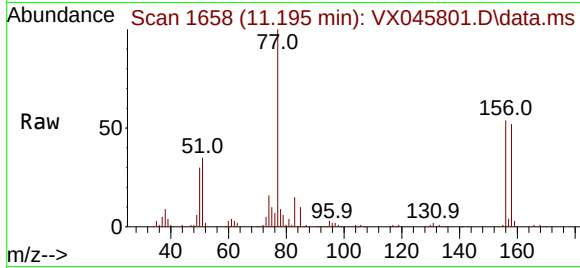
Tgt Ion: 75 Resp: 31084
Ion Ratio Lower Upper
75 100
77 41.1 20.0 59.9





#77
Bromobenzene
Concen: 19.377 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

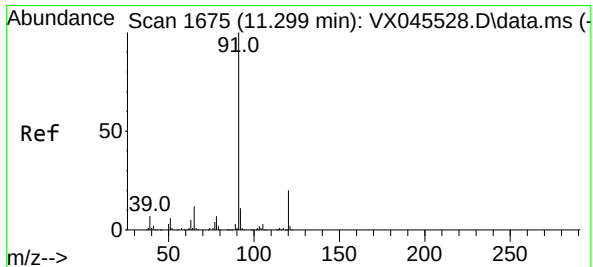
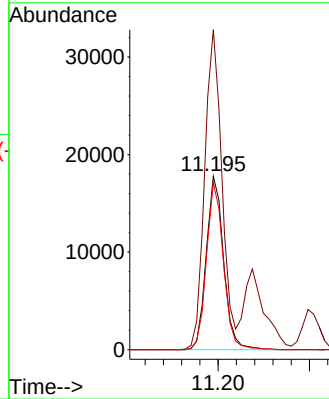
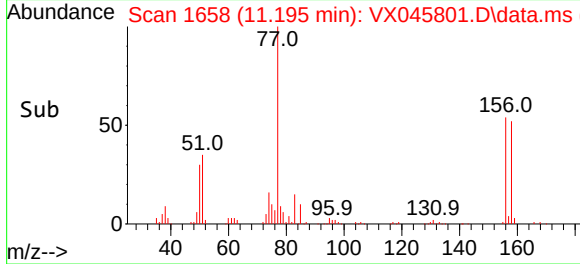
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



Tgt Ion:156 Resp: 2338
Ion Ratio Lower Upper
156 100
77 183.2 92.6 277.8
158 94.0 48.1 144.4

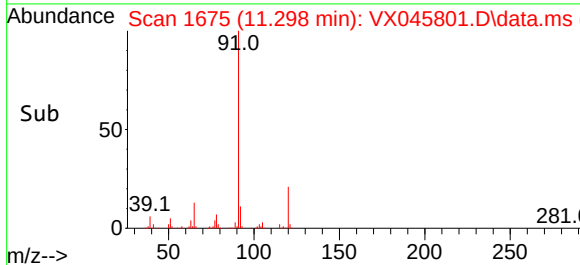
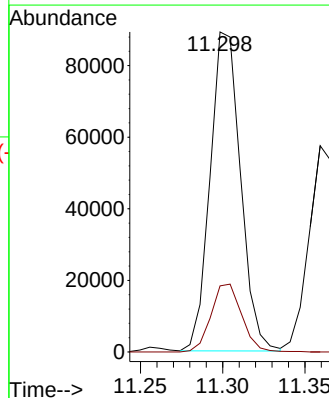
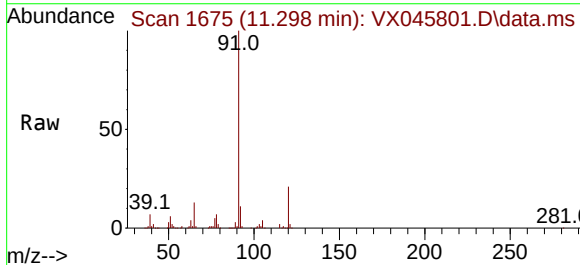
Manual Integrations
APPROVED

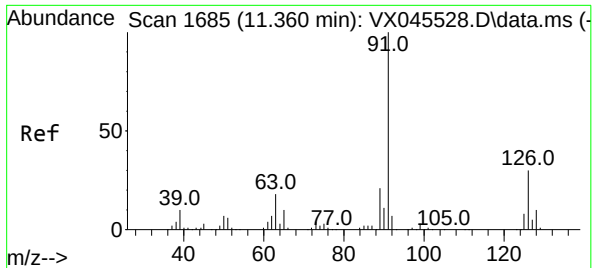
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#78
n-propylbenzene
Concen: 19.113 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Tgt Ion: 91 Resp: 115002
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.3





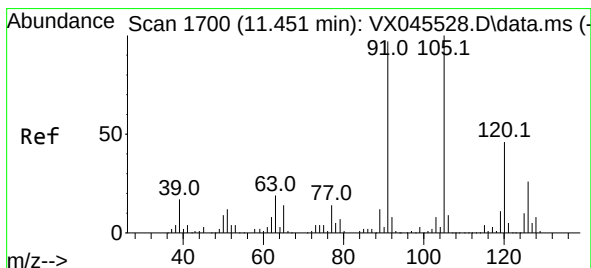
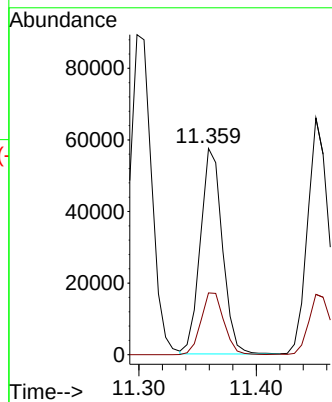
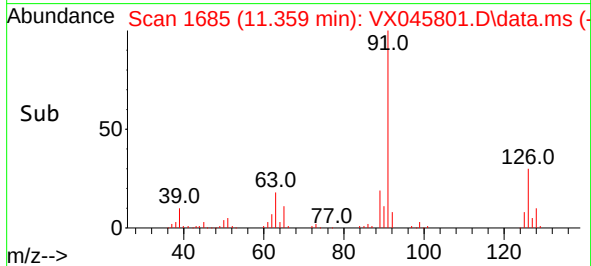
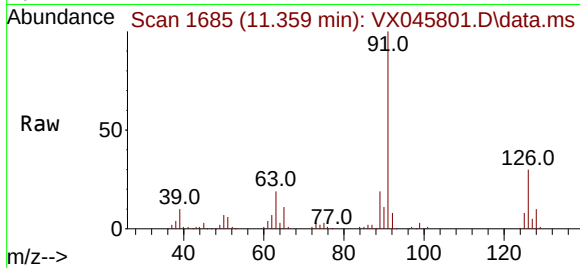
#79
2-Chlorotoluene
Concen: 19.427 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tgt Ion: 91 Resp: 74729
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.4

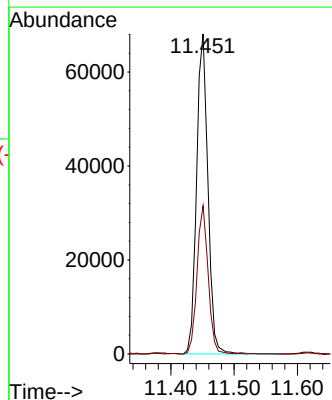
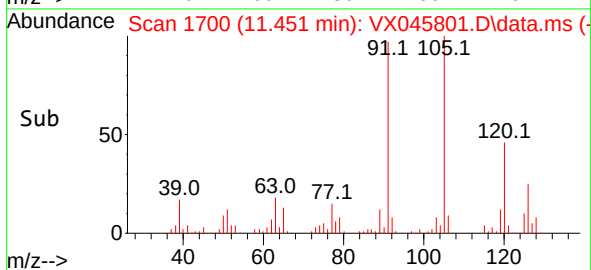
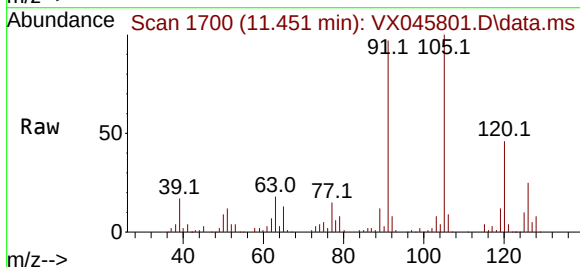
Manual Integrations
APPROVED

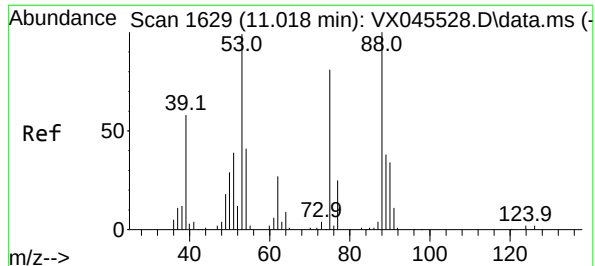
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.677 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Tgt Ion:105 Resp: 84999
Ion Ratio Lower Upper
105 100
120 45.5 23.0 69.0





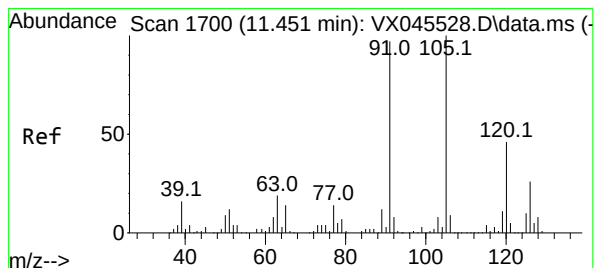
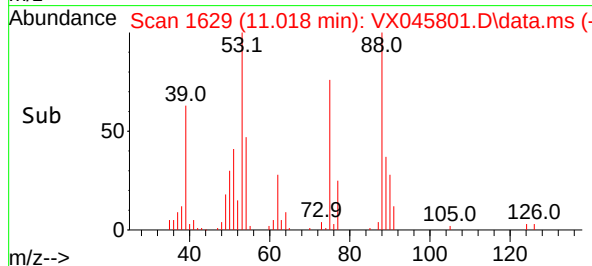
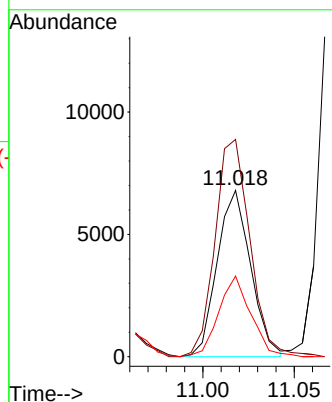
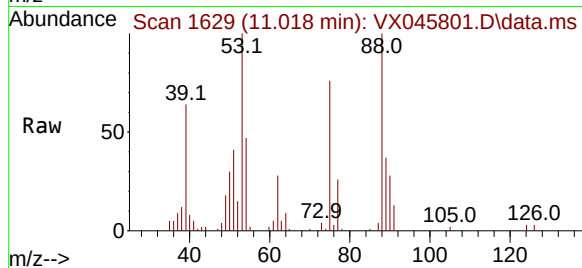
#81
trans-1,4-Dichloro-2-butene
Concen: 18.506 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tgt Ion: 75 Resp: 8674
Ion Ratio Lower Upper
75 100
53 136.1 101.8 152.6
89 46.6 37.2 55.8

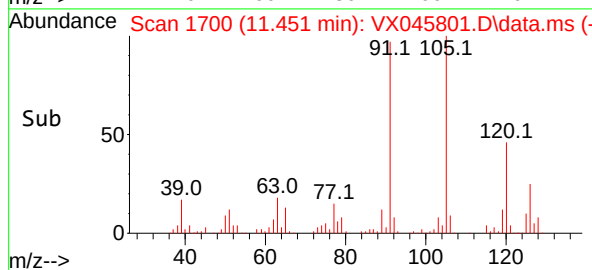
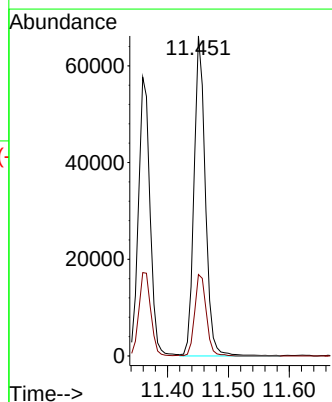
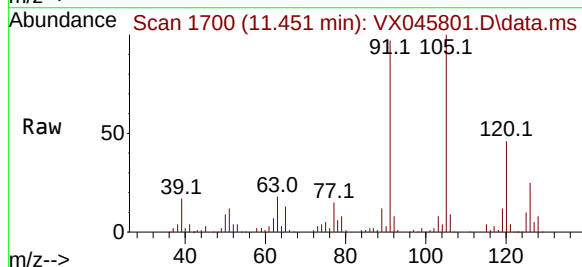
Manual Integrations
APPROVED

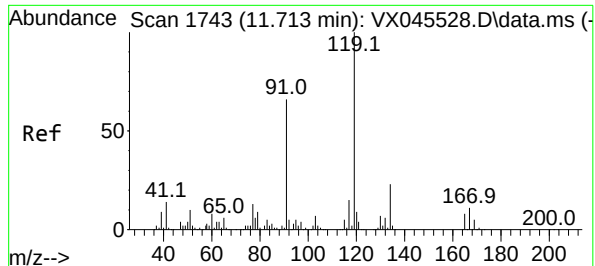
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#82
4-Chlorotoluene
Concen: 19.855 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Tgt Ion: 91 Resp: 85155
Ion Ratio Lower Upper
91 100
126 26.1 13.3 39.9





#83

tert-Butylbenzene

Concen: 19.918 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion:119 Resp: 8518

Ion Ratio Lower Upper

119 100

91 65.9 32.4 97.2

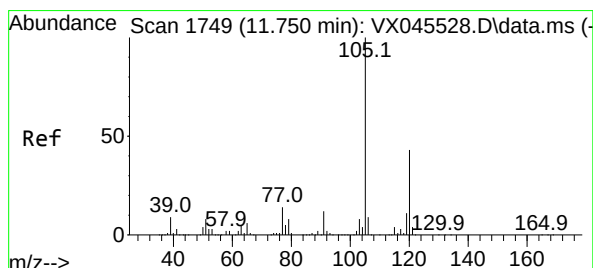
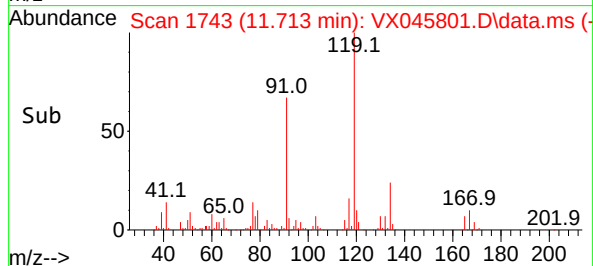
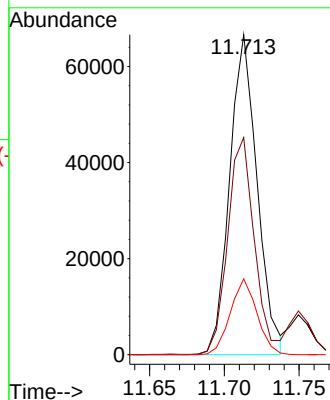
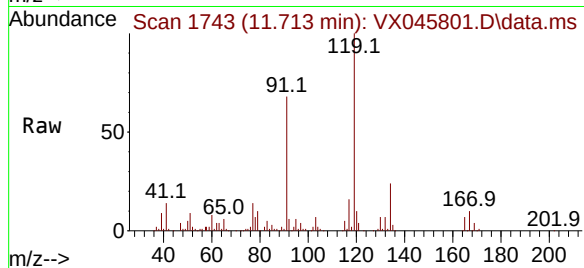
134 23.0 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.649 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045801.D

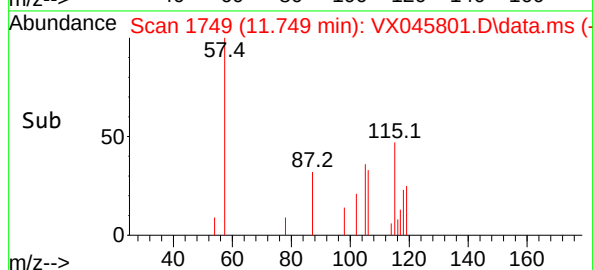
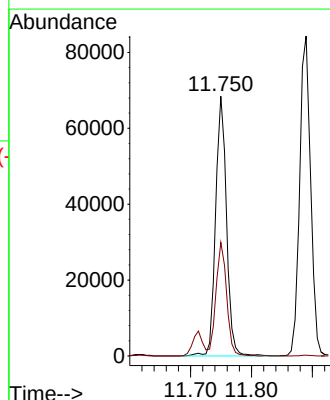
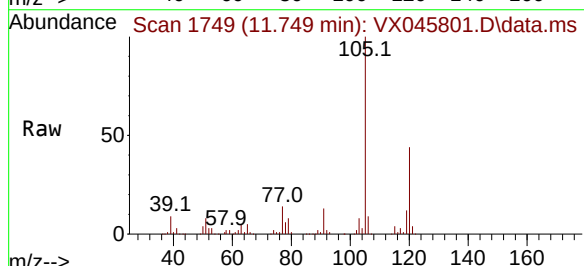
Acq: 16 Apr 2025 12:39

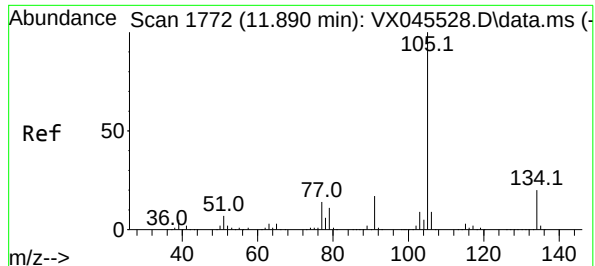
Tgt Ion:105 Resp: 85190

Ion Ratio Lower Upper

105 100

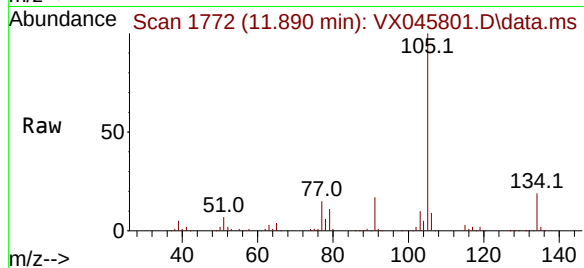
120 42.9 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 20.061 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045801.D
 Acq: 16 Apr 2025 12:39

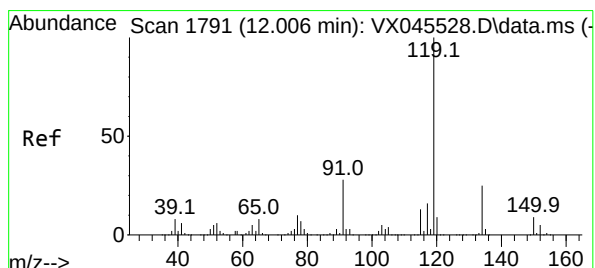
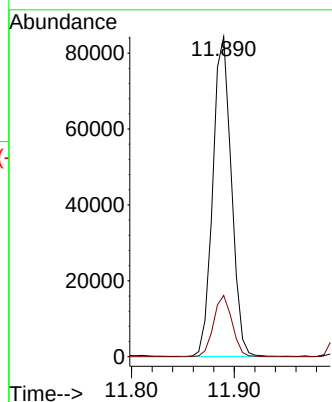
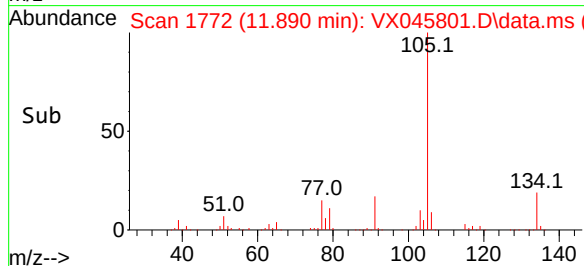
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01



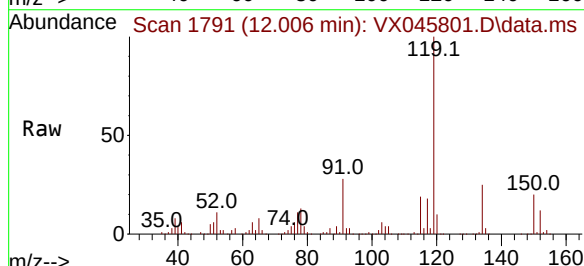
Tgt Ion:105 Resp: 105375
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6

Manual Integrations
 APPROVED

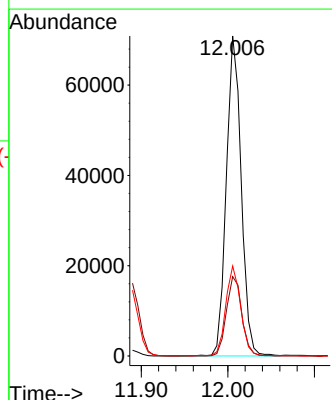
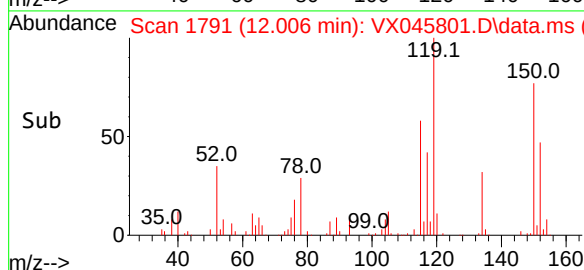
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

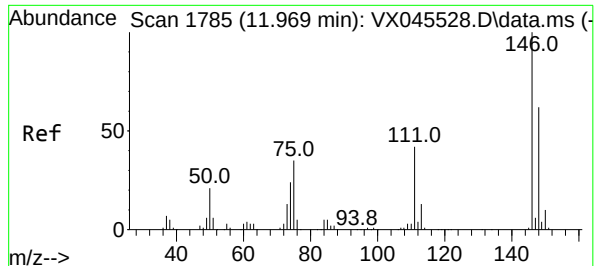


#86
 p-Isopropyltoluene
 Concen: 19.521 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045801.D
 Acq: 16 Apr 2025 12:39



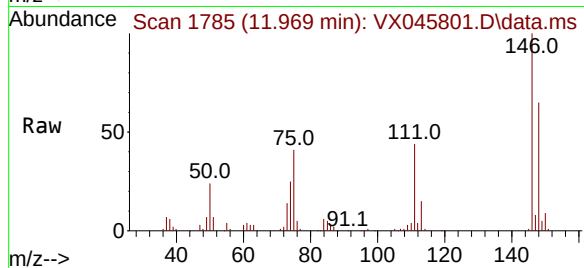
Tgt Ion:119 Resp: 84535
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 28.4 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 19.196 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

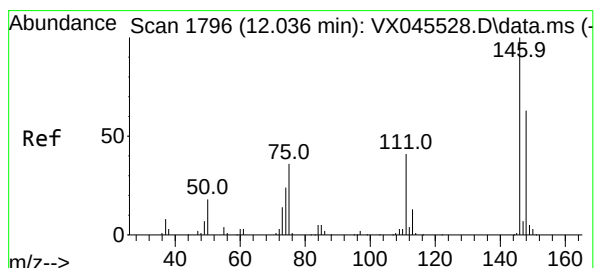
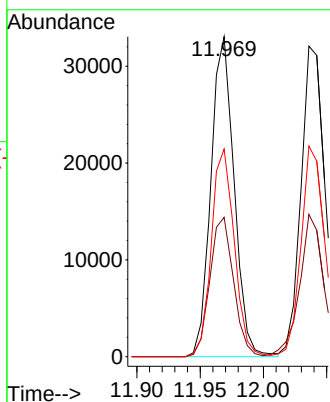
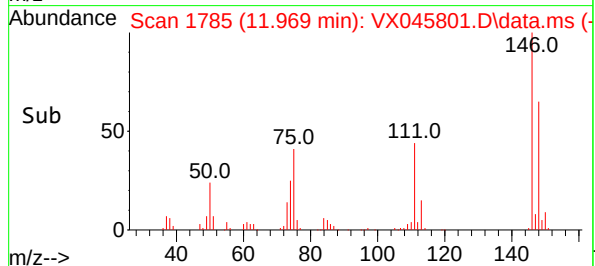
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



Tgt Ion:146 Resp: 42170
Ion Ratio Lower Upper
146 100
111 44.3 22.2 66.6
148 64.1 31.9 95.7

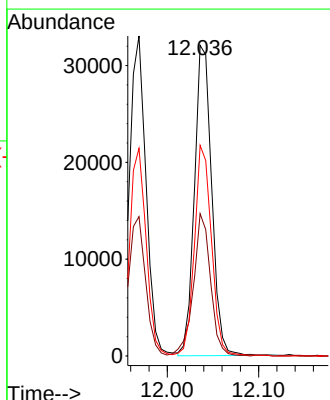
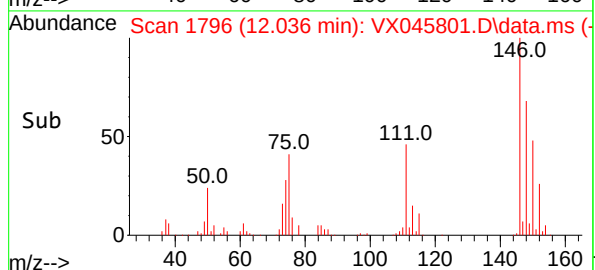
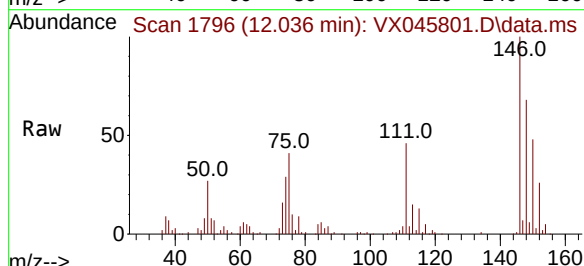
Manual Integrations
APPROVED

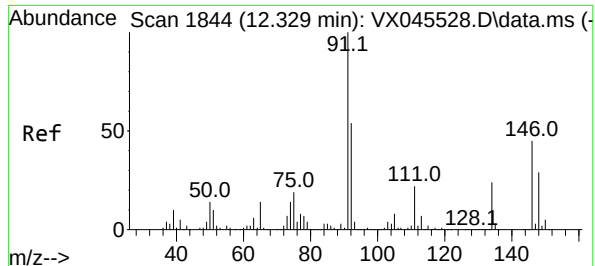
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#88
1,4-Dichlorobenzene
Concen: 18.925 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

Tgt Ion:146 Resp: 42153
Ion Ratio Lower Upper
146 100
111 45.6 20.9 62.8
148 67.2 31.5 94.5





#89

n-Butylbenzene

Concen: 19.585 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045801.D

Acq: 16 Apr 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tgt Ion: 91 Resp: 7354

Ion Ratio Lower Upper

91 100

92 53.7 26.9 80.6

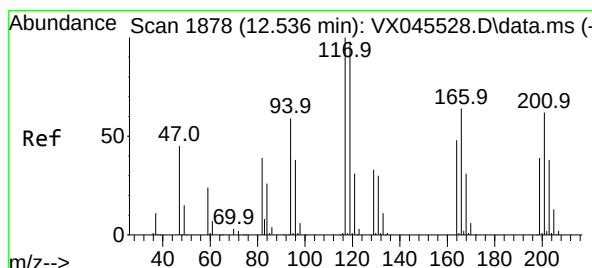
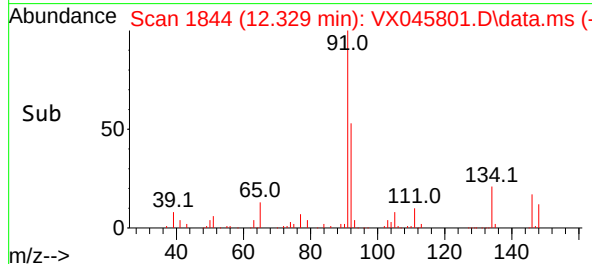
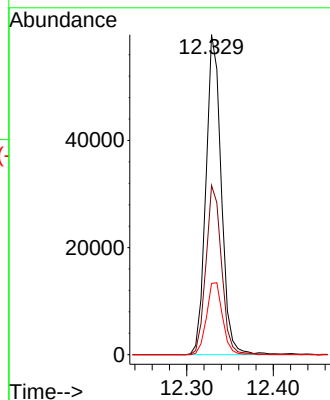
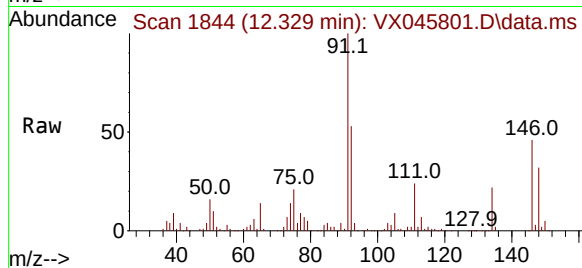
134 23.4 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#90

Hexachloroethane

Concen: 19.840 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045801.D

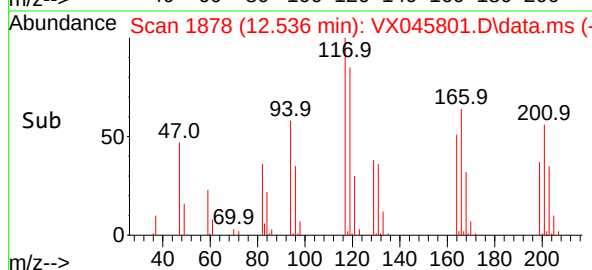
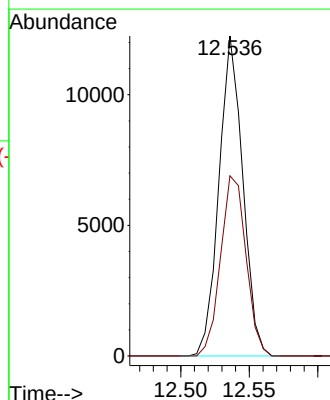
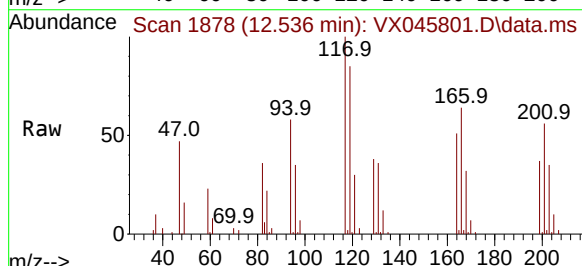
Acq: 16 Apr 2025 12:39

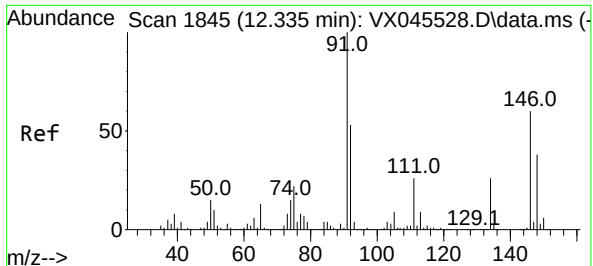
Tgt Ion:117 Resp: 14766

Ion Ratio Lower Upper

117 100

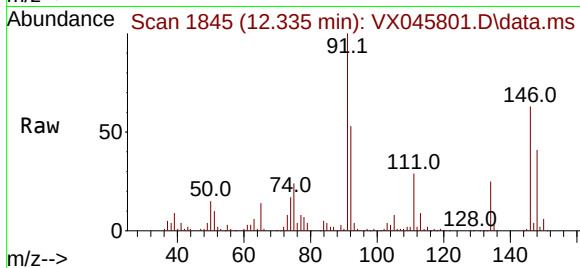
201 60.2 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 19.613 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

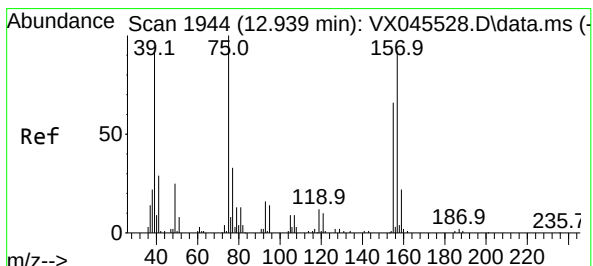
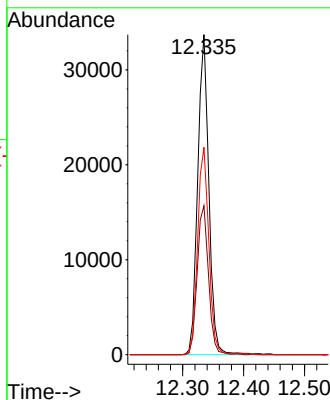
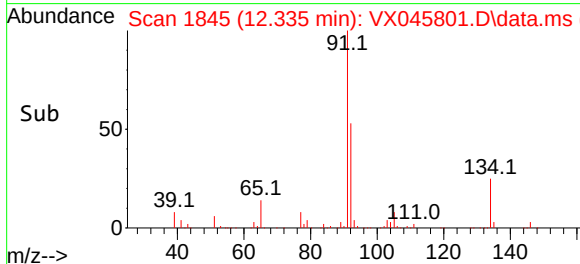
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



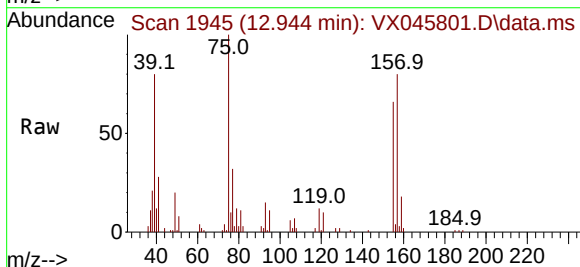
Tgt Ion:146 Resp: 4284
Ion Ratio Lower Upper
146 100
111 47.2 22.9 68.8
148 64.9 31.9 95.5

Manual Integrations
APPROVED

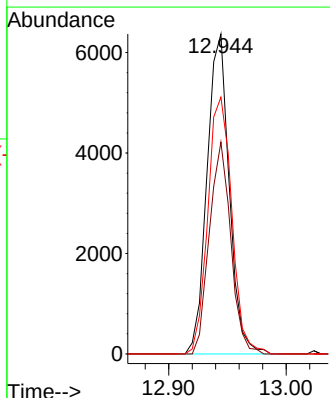
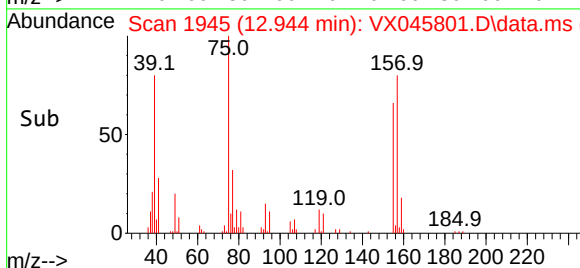
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

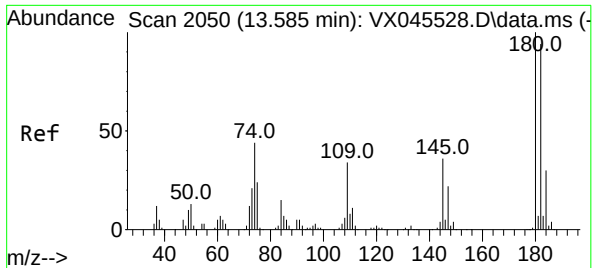


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.786 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39



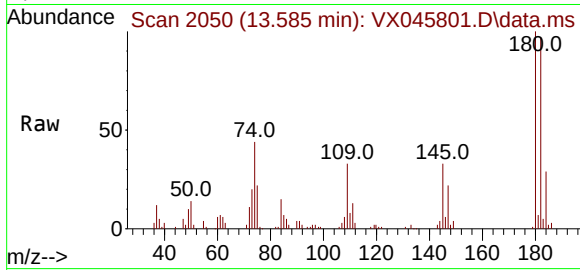
Tgt Ion: 75 Resp: 8361
Ion Ratio Lower Upper
75 100
155 63.8 34.9 104.7
157 86.7 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.454 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

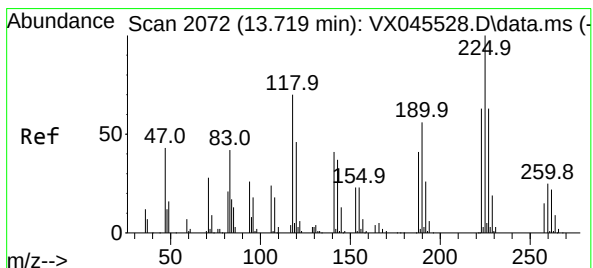
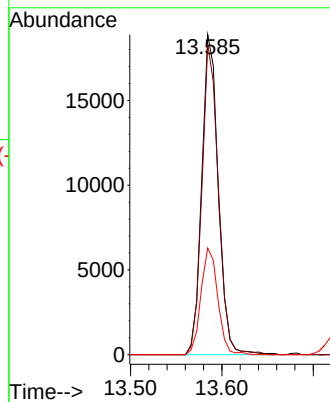
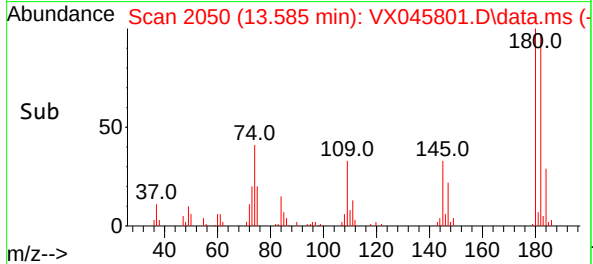
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



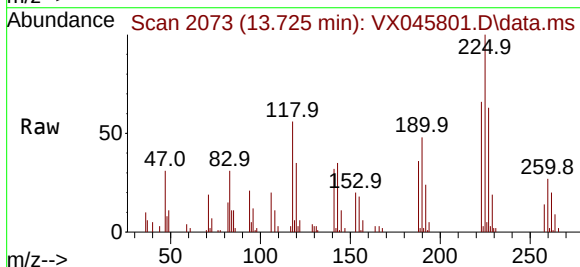
Tgt Ion:180 Resp: 23654
Ion Ratio Lower Upper
180 100
182 97.1 47.9 143.6
145 33.9 17.9 53.8

Manual Integrations
APPROVED

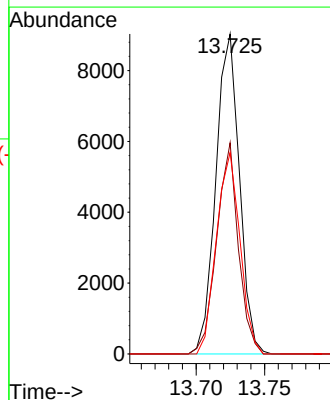
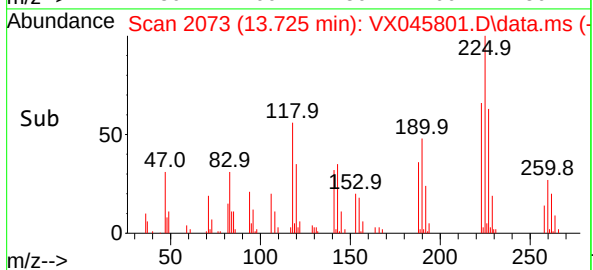
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

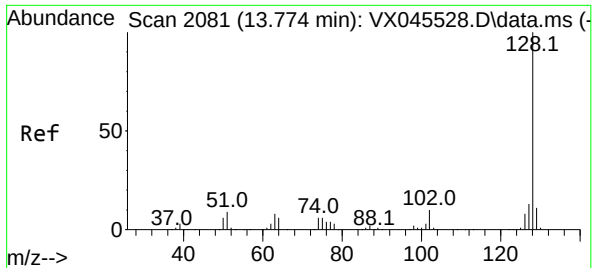


#94
Hexachlorobutadiene
Concen: 20.611 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39



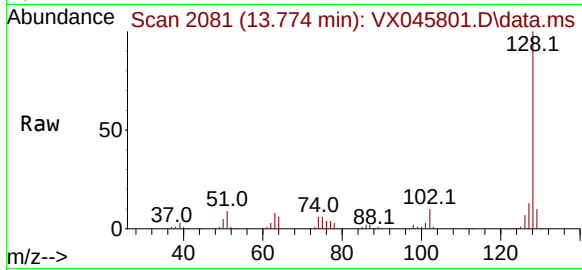
Tgt Ion:225 Resp: 10799
Ion Ratio Lower Upper
225 100
223 60.7 31.1 93.3
227 63.0 32.2 96.6





#95
Naphthalene
Concen: 20.280 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39

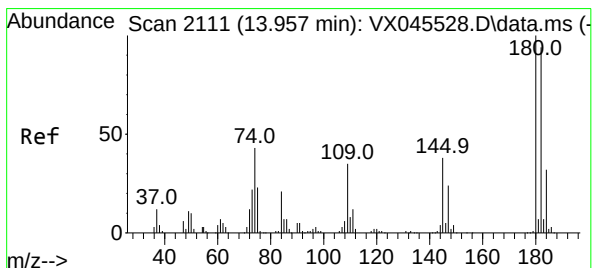
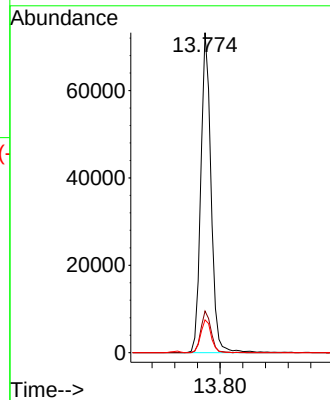
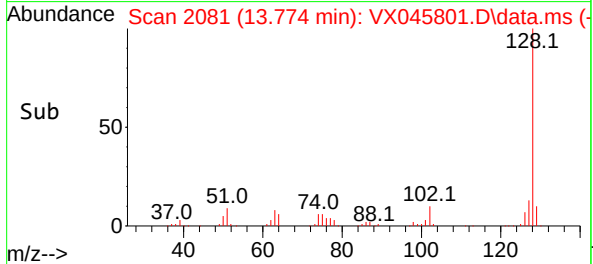
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01



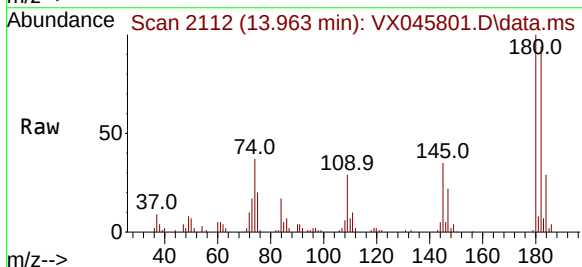
Tgt Ion:128 Resp: 9176
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.5 8.6 12.8

Manual Integrations
APPROVED

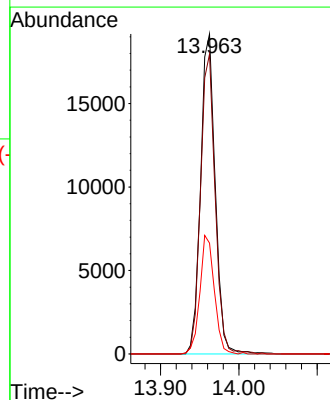
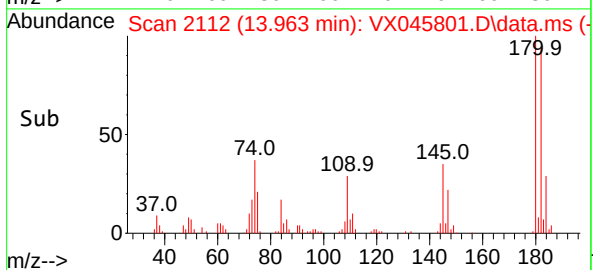
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.570 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045801.D
Acq: 16 Apr 2025 12:39



Tgt Ion:180 Resp: 24916
Ion Ratio Lower Upper
180 100
182 93.6 47.3 141.8
145 36.6 18.2 54.6



Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045525.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dichlorobenzene	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dioxane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Ethyl methacrylate	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Methacrylonitrile	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC005	VX045526.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:22 PM	MMDadoda	4/2/2025 2:16:07 PM	Peak Integrated by Software
VSTDICC020	VX045527.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:25 PM	MMDadoda	4/2/2025 2:16:09 PM	Peak Integrated by Software
VSTDICCC050	VX045528.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:26 PM	MMDadoda	4/2/2025 2:16:11 PM	Peak Integrated by Software
VSTDICC100	VX045529.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:28 PM	MMDadoda	4/2/2025 2:16:15 PM	Peak Integrated by Software
VSTDICC150	VX045530.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:30 PM	MMDadoda	4/2/2025 2:16:46 PM	Peak Integrated by Software
VSTDICV050	VX045532.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:32 PM	MMDadoda	4/2/2025 2:17:50 PM	Peak Integrated by Software
VSTDCCC050	VX045534.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:10 AM	MMDadoda	4/3/2025 1:12:02 PM	Peak Integrated by Software
VSTDCCC050	VX045557.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:58 AM	MMDadoda	4/3/2025 1:12:08 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

VX040225

Instrument

MSVOA_x

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

VX041625

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045797.D	1,2,3-Trichloropropane	JOHN	4/17/2025 9:02:04 AM	MMDadoda	4/17/2025 1:41:09 PM	Peak Integrated by Software
VX0416WBS01	VX045800.D	1,2,3-Trichloropropane	JOHN	4/17/2025 9:02:08 AM	MMDadoda	4/17/2025 1:41:06 PM	Peak Integrated by Software
VX0416WBSD01	VX045801.D	1,2,3-Trichloropropane	JOHN	4/17/2025 9:02:13 AM	MMDadoda	4/17/2025 1:41:05 PM	Peak Integrated by Software
VSTDCCC050	VX045815.D	1,2,3-Trichloropropane	JOHN	4/17/2025 9:02:44 AM	MMDadoda	4/17/2025 1:40:57 PM	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045524.D	01 Apr 2025 16:15	JC/MD	Ok
2	VSTDICCC001	VX045525.D	01 Apr 2025 17:06	JC/MD	Ok,M
3	VSTDICCC005	VX045526.D	01 Apr 2025 17:29	JC/MD	Ok,M
4	VSTDICCC020	VX045527.D	01 Apr 2025 17:52	JC/MD	Ok,M
5	VSTDICCC050	VX045528.D	01 Apr 2025 18:15	JC/MD	Ok,M
6	VSTDICCC100	VX045529.D	01 Apr 2025 18:38	JC/MD	Ok,M
7	VSTDICCC150	VX045530.D	01 Apr 2025 19:02	JC/MD	Ok,M
8	IBLK	VX045531.D	01 Apr 2025 19:25	JC/MD	Ok
9	VSTDICV050	VX045532.D	01 Apr 2025 19:48	JC/MD	Ok,M
10	BFB	VX045533.D	02 Apr 2025 09:30	JC/MD	Ok
11	VSTDICCC050	VX045534.D	02 Apr 2025 10:02	JC/MD	Ok,M
12	VX0402MBL01	VX045535.D	02 Apr 2025 10:30	JC/MD	Ok
13	VX0402WBL01	VX045536.D	02 Apr 2025 10:53	JC/MD	Ok
14	VX0402WBS01	VX045537.D	02 Apr 2025 11:16	JC/MD	Ok,M
15	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44	JC/MD	Ok,M
16	Q1697-01	VX045539.D	02 Apr 2025 12:07	JC/MD	Dilution
17	Q1697-02	VX045540.D	02 Apr 2025 12:30	JC/MD	Dilution
18	IBLK	VX045541.D	02 Apr 2025 12:54	JC/MD	Ok
19	Q1697-01DL	VX045542.D	02 Apr 2025 13:21	JC/MD	Ok
20	Q1697-02DL	VX045543.D	02 Apr 2025 13:44	JC/MD	Ok
21	Q1697-03	VX045544.D	02 Apr 2025 14:07	JC/MD	Not Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1697-04	VX045545.D	02 Apr 2025 14:31	JC/MD	Not Ok
23	Q1697-05	VX045546.D	02 Apr 2025 14:54	JC/MD	Not Ok
24	Q1697-07	VX045547.D	02 Apr 2025 15:18	JC/MD	Not Ok
25	IBLK	VX045548.D	02 Apr 2025 15:41	JC/MD	Ok
26	Q1697-03	VX045549.D	02 Apr 2025 16:04	JC/MD	Ok
27	Q1697-04	VX045550.D	02 Apr 2025 16:27	JC/MD	Ok
28	Q1697-05	VX045551.D	02 Apr 2025 16:51	JC/MD	Ok
29	Q1697-06	VX045552.D	02 Apr 2025 17:14	JC/MD	ReRun
30	Q1623-01	VX045553.D	02 Apr 2025 17:37	JC/MD	Ok
31	Q1623-02	VX045554.D	02 Apr 2025 18:01	JC/MD	Ok
32	Q1623-03	VX045555.D	02 Apr 2025 18:24	JC/MD	Ok
33	Q1623-04	VX045556.D	02 Apr 2025 18:47	JC/MD	Ok
34	VSTDCCC050	VX045557.D	02 Apr 2025 19:10	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX041625

Review By	John Carlone	Review On	4/17/2025 9:03:49 AM
Supervise By	Mahesh Dadoda	Supervise On	4/17/2025 1:41:16 PM
SubDirectory	VX041625	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133677		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133678,VP133679		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045796.D	16 Apr 2025 08:26	JC/MD	Ok
2	VSTDCCC050	VX045797.D	16 Apr 2025 09:28	JC/MD	Ok,M
3	VX0416MBL01	VX045798.D	16 Apr 2025 11:24	JC/MD	Ok
4	VX0416WBL01	VX045799.D	16 Apr 2025 11:47	JC/MD	Ok
5	VX0416WBS01	VX045800.D	16 Apr 2025 12:11	JC/MD	Ok,M
6	VX0416WBSD01	VX045801.D	16 Apr 2025 12:39	JC/MD	Ok,M
7	PB167604TB	VX045802.D	16 Apr 2025 13:02	JC/MD	Ok
8	PB167604ZHE#61	VX045803.D	16 Apr 2025 13:25	JC/MD	Ok,M
9	PB167604ZHE#62	VX045804.D	16 Apr 2025 13:48	JC/MD	Ok
10	PB167604ZHE#63	VX045805.D	16 Apr 2025 14:11	JC/MD	Ok,M
11	PB167604ZHE#64	VX045806.D	16 Apr 2025 14:35	JC/MD	Ok
12	PB167604ZHE#65	VX045807.D	16 Apr 2025 14:58	JC/MD	Ok
13	Q1800-01	VX045808.D	16 Apr 2025 15:21	JC/MD	Ok
14	Q1803-01	VX045809.D	16 Apr 2025 15:44	JC/MD	Ok
15	Q1803-02	VX045810.D	16 Apr 2025 16:08	JC/MD	Ok
16	Q1808-02	VX045811.D	16 Apr 2025 16:31	JC/MD	Ok,M
17	Q1808-04	VX045812.D	16 Apr 2025 16:54	JC/MD	Ok,M
18	IBLK	VX045813.D	16 Apr 2025 17:17	JC/MD	Ok
19	Q1822-01	VX045814.D	16 Apr 2025 17:41	JC/MD	Ok
20	VSTDCCC050	VX045815.D	16 Apr 2025 18:04	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045524.D	01 Apr 2025 16:15		JC/MD	Ok
2	VSTDIC001	VSTDIC001	VX045525.D	01 Apr 2025 17:06	%D failed for Comp. #53 in 01PPB	JC/MD	Ok,M
3	VSTDIC005	VSTDIC005	VX045526.D	01 Apr 2025 17:29		JC/MD	Ok,M
4	VSTDIC020	VSTDIC020	VX045527.D	01 Apr 2025 17:52		JC/MD	Ok,M
5	VSTDIC050	VSTDIC050	VX045528.D	01 Apr 2025 18:15		JC/MD	Ok,M
6	VSTDIC100	VSTDIC100	VX045529.D	01 Apr 2025 18:38		JC/MD	Ok,M
7	VSTDIC150	VSTDIC150	VX045530.D	01 Apr 2025 19:02		JC/MD	Ok,M
8	IBLK	IBLK	VX045531.D	01 Apr 2025 19:25		JC/MD	Ok
9	VSTDICV050	ICVVX040225	VX045532.D	01 Apr 2025 19:48		JC/MD	Ok,M
10	BFB	BFB	VX045533.D	02 Apr 2025 09:30		JC/MD	Ok
11	VSTDIC050	VSTDIC050	VX045534.D	02 Apr 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
12	VX0402MBL01	VX0402MBL01	VX045535.D	02 Apr 2025 10:30		JC/MD	Ok
13	VX0402WBL01	VX0402WBL01	VX045536.D	02 Apr 2025 10:53		JC/MD	Ok
14	VX0402WBS01	VX0402WBS01	VX045537.D	02 Apr 2025 11:16		JC/MD	Ok,M
15	VX0402WBSD01	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44		JC/MD	Ok,M
16	Q1697-01	MW-19B-72-040125	VX045539.D	02 Apr 2025 12:07	vial A pH<2 Need 200X	JC/MD	Dilution
17	Q1697-02	IW-01-55-040125	VX045540.D	02 Apr 2025 12:30	vial A pH<2 Need 10X	JC/MD	Dilution

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	IBLK	IBLK	VX045541.D	02 Apr 2025 12:54		JC/MD	Ok
19	Q1697-01DL	MW-19B-72-040125DL	VX045542.D	02 Apr 2025 13:21	vial B pH<2	JC/MD	Ok
20	Q1697-02DL	IW-01-55-040125DL	VX045543.D	02 Apr 2025 13:44	vial B pH<2	JC/MD	Ok
21	Q1697-03	IW-02-55-040125	VX045544.D	02 Apr 2025 14:07	Need lower dilution	JC/MD	Not Ok
22	Q1697-04	IW-02-55-040125-FD	VX045545.D	02 Apr 2025 14:31	Need lower dilution	JC/MD	Not Ok
23	Q1697-05	IW-03-55-040125	VX045546.D	02 Apr 2025 14:54	Need lower dilution	JC/MD	Not Ok
24	Q1697-07	MW-19B-72-040125	VX045547.D	02 Apr 2025 15:18	Not On Login	JC/MD	Not Ok
25	IBLK	IBLK	VX045548.D	02 Apr 2025 15:41		JC/MD	Ok
26	Q1697-03	IW-02-55-040125	VX045549.D	02 Apr 2025 16:04	vial A pH<2	JC/MD	Ok
27	Q1697-04	IW-02-55-040125-FD	VX045550.D	02 Apr 2025 16:27	vial A pH<2	JC/MD	Ok
28	Q1697-05	IW-03-55-040125	VX045551.D	02 Apr 2025 16:51	vial A pH<2	JC/MD	Ok
29	Q1697-06	TB-01-040125	VX045552.D	02 Apr 2025 17:14	vial A pH<2 TB;Hit of comp.#44	JC/MD	ReRun
30	Q1623-01	Storage-Blank-SOIL-RE	VX045553.D	02 Apr 2025 17:37	vial A pH<2	JC/MD	Ok
31	Q1623-02	Storage-Blank-WATER	VX045554.D	02 Apr 2025 18:01	vial A pH<2	JC/MD	Ok
32	Q1623-03	Storage-Blank-WATER	VX045555.D	02 Apr 2025 18:24	vial A pH<2	JC/MD	Ok
33	Q1623-04	Storage-Blank-SAMPLE	VX045556.D	02 Apr 2025 18:47	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX045557.D	02 Apr 2025 19:10		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX041625

Review By	John Carlone	Review On	4/17/2025 9:03:49 AM
Supervise By	Mahesh Dadoda	Supervise On	4/17/2025 1:41:16 PM
SubDirectory	VX041625	HP Acquire Method	HP Processing Method 82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133677
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133678,VP133679

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045796.D	16 Apr 2025 08:26		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045797.D	16 Apr 2025 09:28	pH#Lot#V12668	JC/MD	Ok,M
3	VX0416MBL01	VX0416MBL01	VX045798.D	16 Apr 2025 11:24		JC/MD	Ok
4	VX0416WBL01	VX0416WBL01	VX045799.D	16 Apr 2025 11:47		JC/MD	Ok
5	VX0416WBS01	VX0416WBS01	VX045800.D	16 Apr 2025 12:11		JC/MD	Ok,M
6	VX0416WBSD01	VX0416WBSD01	VX045801.D	16 Apr 2025 12:39		JC/MD	Ok,M
7	PB167604TB	PB167604TB	VX045802.D	16 Apr 2025 13:02		JC/MD	Ok
8	PB167604ZHE#61	PB167604ZHE#61	VX045803.D	16 Apr 2025 13:25		JC/MD	Ok,M
9	PB167604ZHE#62	PB167604ZHE#62	VX045804.D	16 Apr 2025 13:48		JC/MD	Ok
10	PB167604ZHE#63	PB167604ZHE#63	VX045805.D	16 Apr 2025 14:11		JC/MD	Ok,M
11	PB167604ZHE#64	PB167604ZHE#64	VX045806.D	16 Apr 2025 14:35		JC/MD	Ok
12	PB167604ZHE#65	PB167604ZHE#65	VX045807.D	16 Apr 2025 14:58		JC/MD	Ok
13	Q1800-01	WC-A4-01-G	VX045808.D	16 Apr 2025 15:21	vial A pH#5.0	JC/MD	Ok
14	Q1803-01	WEST-BAY	VX045809.D	16 Apr 2025 15:44	vial A pH#5.0	JC/MD	Ok
15	Q1803-02	FUEL-MONITORING	VX045810.D	16 Apr 2025 16:08	vial A pH#5.0	JC/MD	Ok
16	Q1808-02	OILY-SOIL-PILE	VX045811.D	16 Apr 2025 16:31	vial A pH#5.0	JC/MD	Ok,M
17	Q1808-04	LAW-25-0060	VX045812.D	16 Apr 2025 16:54	vial A pH#5.0	JC/MD	Ok,M
18	IBLK	IBLK	VX045813.D	16 Apr 2025 17:17		JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX041625

Review By	John Carlone	Review On	4/17/2025 9:03:49 AM
Supervise By	Maresh Dadoda	Supervise On	4/17/2025 1:41:16 PM
SubDirectory	VX041625	HP Acquire Method	HP Processing Method 82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133677
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133678,VP133679

19	Q1822-01	TW-WTS-06	VX045814.D	16 Apr 2025 17:41	vial A pH<2	JC/MD	Ok
20	VSTDCCC050	VSTDCCC050EC	VX045815.D	16 Apr 2025 18:04		JC/MD	Ok,M

M : Manual Integration

SOP ID : M1311-TCLP-15
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : ZHE-1
TCLP Filter ID : 115525

Start Prep Date : 04/15/2025 Time : 14:00

End Prep Date : 04/16/2025 Time : 07:35

Combination Ratio : 20

ZHE Cleaning Batch : ⁷⁸ N/A VX041625

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : 78

Supervisor By : 12

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP110802
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
40ml VOA Vials	N/A	23237

Extraction Conformance/Non-Conformance Comments:

ALL ZHE samples are extracted and given as vial A & B. Tumbler ZHE-1 checked, 30 rpm. Leak checked after 10 minutes of tumbling.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/16/25 11:00	<u>JP</u> <u>115525</u>	<u>JP</u> <u>115525</u>
	Preparation Group	Analysis Group

Sample ID	ClientID	ZHE Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167604TB	LEB604	06	N/A	500	N/A	N/A	N/A	4.93	N/A	ZHE-1
Q1800-01	WC-A4-01-G	01	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1803-01	WEST-BAY	02	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1803-02	FUEL-MONITORING	03	25.01	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1808-02	OILY-SOIL-PILE	04	25.02	500	N/A	N/A	N/A	N/A	N/A	ZHE-1
Q1808-04	LAW-25-0060	05	25.03	500	N/A	N/A	N/A	N/A	N/A	ZHE-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167604TB	LEB604	N/A	N/A	N/A	N/A	N/A	N/A
Q1800-01	WC-A4-01-G	N/A	N/A	N/A	N/A	100	N/A
Q1803-01	WEST-BAY	N/A	N/A	N/A	N/A	100	N/A
Q1803-02	FUEL-MONITORING	N/A	N/A	N/A	N/A	100	N/A
Q1808-02	OILY-SOIL-PILE	N/A	N/A	N/A	N/A	100	N/A
Q1808-04	LAW-25-0060	N/A	N/A	N/A	N/A	100	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP ZHE Q1808 WorkList ID : 188941 Department : TCLP Extraction Date : 04-15-2025 11:28:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1800-01	WC-A4-01-G	Solid	TCLP ZHE Extraction	Cool 4 deg C	ENTA05	L41	04/11/2025	1311 ZHE
Q1803-01	WEST-BAY	Solid	TCLP ZHE Extraction	Cool 4 deg C	SCAL01	L31	04/10/2025	1311 ZHE
Q1803-02	FUEL-MONITORING	Solid	TCLP ZHE Extraction	Cool 4 deg C	SCAL01	L31	04/10/2025	1311 ZHE
Q1808-02	OILY-SOIL-PILE	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	L51	04/14/2025	1311 ZHE
Q1808-04	LAW-25-0060	Solid	TCLP ZHE Extraction	Cool 4 deg C	PSEG03	L51	04/14/2025	1311 ZHE

Date/Time 04-15-25 13:30
 Raw Sample Received by: SA Gode
 Raw Sample Relinquished by: RM SM

Date/Time 04-15-25 17:30
 Raw Sample Received by: RM SM
 Raw Sample Relinquished by: SA GOC



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1803

COC Number:

CLIENT INFORMATION		PROJECT INFORMATION				BILLING INFORMATION															
COMPANY: Scalamandre Tully JV		PROJECT NAME: DOT Harper Street Yard				BILL TO: Same					PO#										
ADDRESS: 57 Seaview Blvd		PROJECT #: 23657		LOCATION:		ADDRESS:															
CITY: Pt Washington STATE: NY ZIP: 11050		PROJECT MANAGER:				CITY:					STATE: ZIP:										
ATTENTION: Dean Devoe		E-MAIL:				ATTENTION:					PHONE:										
PHONE: 718 446 7000 FAX:		PHONE: FAX:				ANALYSIS															
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION				PRESERVATIVES															
FAX: _____ DAYS* HARD COPY: _____ DAYS* EDD _____ DAYS* * TO BE APPROVED BY ALLIANCE STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		* RESULTS ONLY ☐ USEPA CLP ☐ RESULTS + QC ☐ New York State ASP "B" ☐ New Jersey REDUCED ☐ New York State ASP "A" ☐ New Jersey CLP ☐ Other _____ ☐ EDD Format _____				Full TCLP RIC 1 2 3 4 5 6 7 8 9															
CHEMTECH SAMPLE ID		PROJECT SAMPLE IDENTIFICATION		SAMPLE MATRIX		SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles		COMMENTS									
						COMP GRAB		DATE TIME				<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other									
1.		West Bay		Soil				4/10/25 1230		X X											
2.		Fuel Monitoring		Soil				4/10/25 1230		X X											
3.																					
4.																					
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																					
RELINQUISHED BY SAMPLER		DATE/TIME April 10, 2025		RECEIVED BY		4-14-25 1115		Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0													
1. D Devoe				1.				MeOH extraction requires an additional 4oz. Jar for percent solid													
RELINQUISHED BY		DATE/TIME		RECEIVED BY				Comments:													
2.				2.																	
RELINQUISHED BY		DATE/TIME		RECEIVED FOR LAB BY				Page _____ of _____		SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight		ALLIANCE: ☐ Picked Up ☐ Overnight		Shipment Complete							
3.				3.										YES NO							
WHITE - ALLIANCE COPY FOR RETURN TO CLIENT														YELLOW - ALLIANCE COPY				PINK - SAMPLER COPY			

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