

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047057.D
 Acq On : 21 Jul 2025 10:29
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 22 03:37:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	320913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	544303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	240632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65541	16.395	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	32.800%#		
35) Dibromofluoromethane	5.397	113	57105	16.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.980%#		
50) Toluene-d8	8.653	98	178825	16.431	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	32.860%#		
62) 4-Bromofluorobenzene	11.079	95	80359	17.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	34.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	78327	18.376	ug/l	99
3) Chloromethane	1.306	50	80305	19.046	ug/l	98
4) Vinyl Chloride	1.386	62	89887	19.832	ug/l	96
5) Bromomethane	1.617	94	51290	20.832	ug/l	92
6) Chloroethane	1.703	64	55955	18.797	ug/l	99
7) Trichlorofluoromethane	1.904	101	135815	20.095	ug/l	98
8) Diethyl Ether	2.148	74	48319	20.277	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	82864	20.350	ug/l	100
10) Methyl Iodide	2.465	142	70850	17.073	ug/l	98
11) Tert butyl alcohol	2.959	59	48048	96.502	ug/l	98
12) 1,1-Dichloroethene	2.337	96	81489	20.206	ug/l	96
13) Acrolein	2.245	56	83483	96.989	ug/l	97
14) Allyl chloride	2.678	41	149196	20.465	ug/l	99
15) Acrylonitrile	3.074	53	203243	106.603	ug/l	100
16) Acetone	2.385	43	157932	98.619	ug/l	97
17) Carbon Disulfide	2.526	76	234036	20.059	ug/l	99
18) Methyl Acetate	2.715	43	81624	19.180	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	251581	20.497	ug/l	99
20) Methylene Chloride	2.806	84	90849	20.621	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	85583	20.738	ug/l	97
22) Diisopropyl ether	3.769	45	293875	20.967	ug/l	91
23) Vinyl Acetate	3.733	43	1192633	106.090	ug/l	99
24) 1,1-Dichloroethane	3.623	63	159828	20.507	ug/l	99
25) 2-Butanone	4.568	43	238246	102.172	ug/l	97
26) 2,2-Dichloropropane	4.495	77	119113	19.743	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	99794	20.420	ug/l	99
28) Bromochloromethane	4.909	49	72912	20.334	ug/l	97
29) Tetrahydrofuran	5.019	42	156819	104.232	ug/l	100
30) Chloroform	5.104	83	160698	20.255	ug/l	100
31) Cyclohexane	5.482	56	152430	20.397	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	141289	20.503	ug/l	100
36) 1,1-Dichloropropene	5.702	75	114925	20.062	ug/l	99
37) Ethyl Acetate	4.726	43	95455	18.907	ug/l	99
38) Carbon Tetrachloride	5.684	117	123204	20.150	ug/l	99
39) Methylcyclohexane	7.385	83	146762	20.519	ug/l	99
40) Benzene	6.049	78	342454	20.656	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	56166	20.350	ug/l	95
42) 1,2-Dichloroethane	6.098	62	121515	20.808	ug/l	98
43) Isopropyl Acetate	6.342	43	171186	20.802	ug/l	99
44) Trichloroethene	7.128	130	85446	20.099	ug/l	98
45) 1,2-Dichloropropane	7.433	63	85547	20.603	ug/l	94
46) Dibromomethane	7.586	93	59949	20.588	ug/l	99
47) Bromodichloromethane	7.824	83	126091	20.345	ug/l	99
48) Methyl methacrylate	7.695	41	86386	19.269	ug/l	97
49) 1,4-Dioxane	7.665	88	21524	422.133	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	511307	104.532	ug/l	99
52) Toluene	8.720	92	214955	21.087	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	118872	20.311	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	134587	21.011	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	81137	21.224	ug/l	98
56) Ethyl methacrylate	9.116	69	121053	21.389	ug/l	98
57) 1,3-Dichloropropane	9.311	76	139031	20.925	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	294878	93.631	ug/l	100
59) 2-Hexanone	9.427	43	352298	109.015	ug/l	97
60) Dibromochloromethane	9.518	129	93165	20.779	ug/l	100
61) 1,2-Dibromoethane	9.610	107	82035	20.522	ug/l	99
64) Tetrachloroethene	9.274	164	74177	21.147	ug/l	95
65) Chlorobenzene	10.079	112	238428	20.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	78682	20.502	ug/l	98
67) Ethyl Benzene	10.195	91	412412	20.693	ug/l	99
68) m/p-Xylenes	10.299	106	309353	41.478	ug/l	98
69) o-Xylene	10.640	106	149592	21.083	ug/l	100
70) Styrene	10.652	104	259267	21.310	ug/l	100
71) Bromoform	10.799	173	58699	20.135	ug/l #	100
73) Isopropylbenzene	10.963	105	399077	21.021	ug/l	100
74) N-amyl acetate	10.841	43	155675	20.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	113741	20.975	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	92003m	20.656	ug/l	
77) Bromobenzene	11.195	156	95957	21.073	ug/l	97
78) n-propylbenzene	11.298	91	476196	20.991	ug/l	100
79) 2-Chlorotoluene	11.359	91	278615	20.545	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	330824	21.093	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31878	18.440	ug/l	94
82) 4-Chlorotoluene	11.451	91	331629	20.951	ug/l	99
83) tert-Butylbenzene	11.713	119	323819	20.571	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	328672	21.010	ug/l	100
85) sec-Butylbenzene	11.890	105	410930	20.892	ug/l	99
86) p-Isopropyltoluene	12.006	119	343591	21.065	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	179867	20.789	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	183173	20.897	ug/l	98
89) n-Butylbenzene	12.329	91	319940	20.916	ug/l	98
90) Hexachloroethane	12.536	117	58057	19.896	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	169749	20.528	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21427	20.585	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	111525	20.413	ug/l	99
94) Hexachlorobutadiene	13.719	225	39186	21.090	ug/l	96
95) Naphthalene	13.774	128	329630	20.581	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	107542	20.432	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

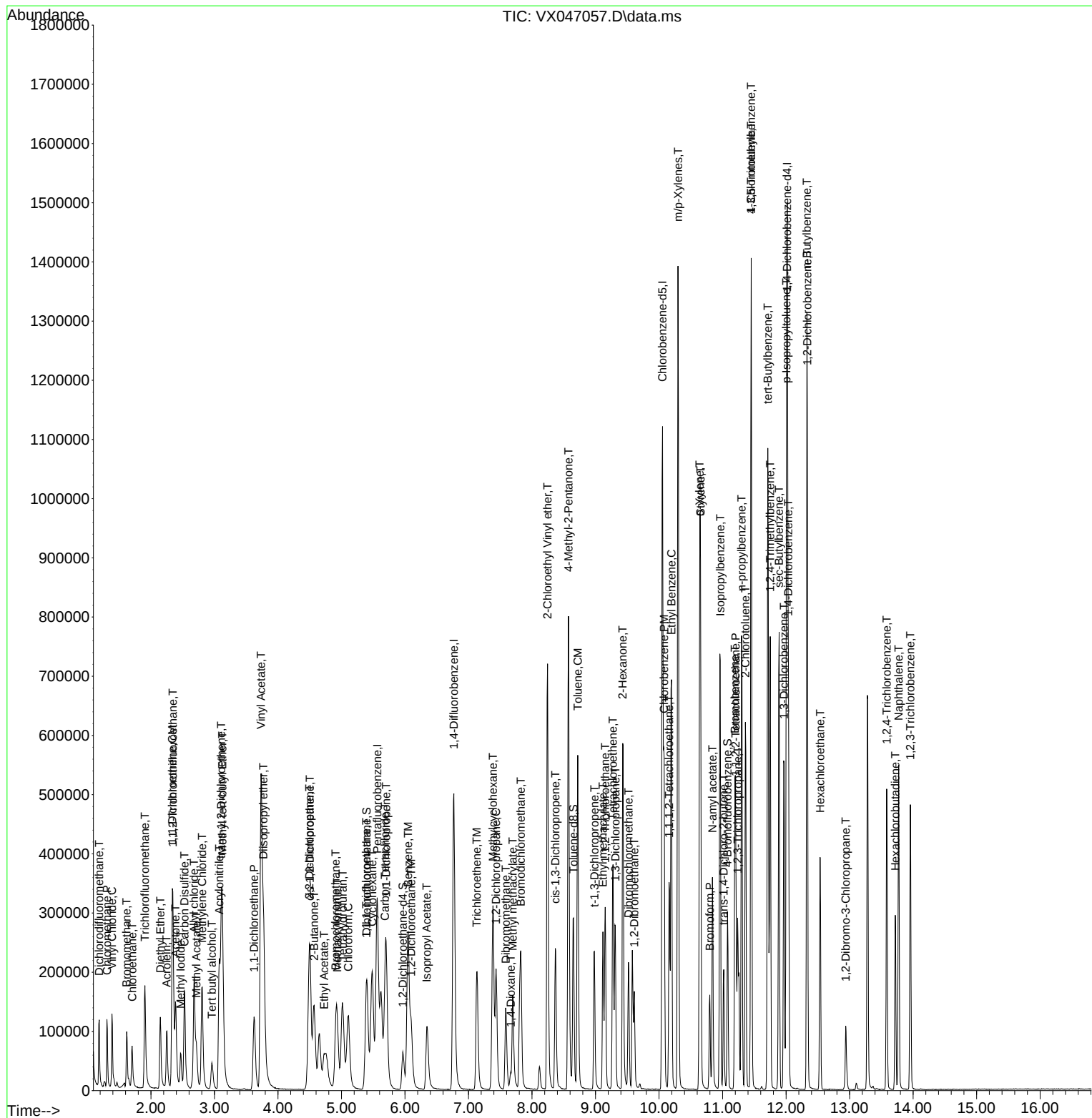
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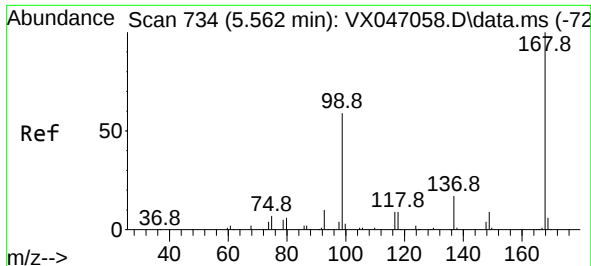
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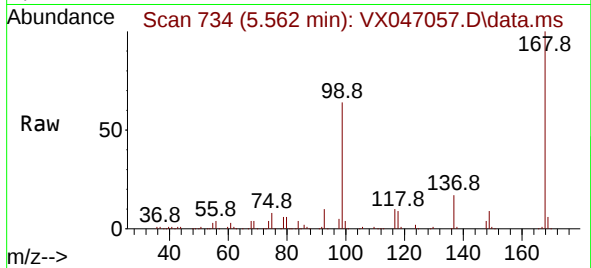
Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX047057.D
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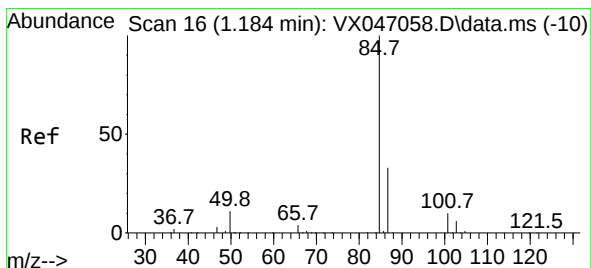
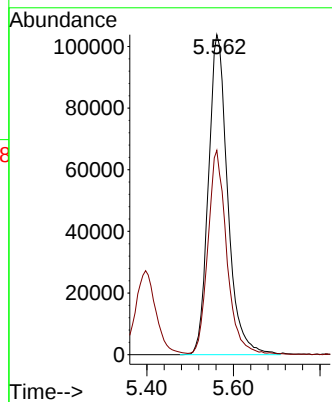
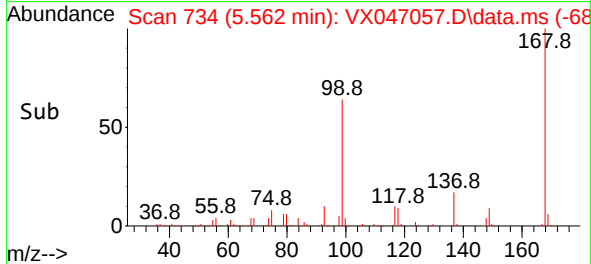
Instrument :
MSVOA_X
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VSTDICC020



Tgt Ion:168 Resp: 32091
Ion Ratio Lower Upper
168 100
99 63.5 48.0 72.0

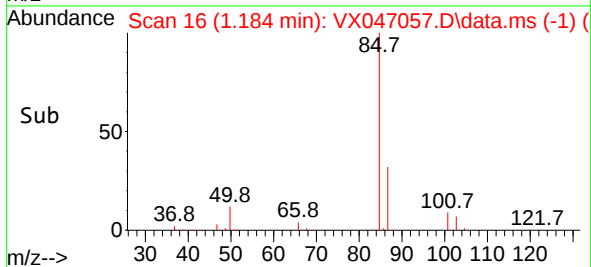
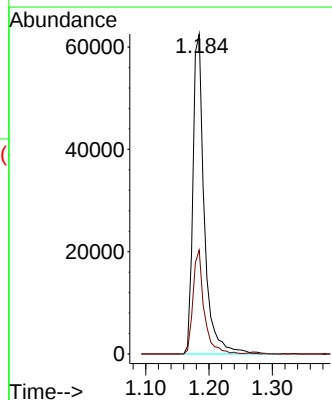
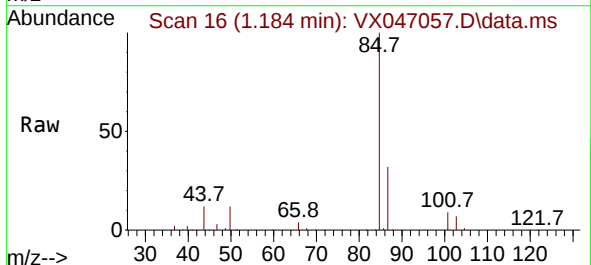
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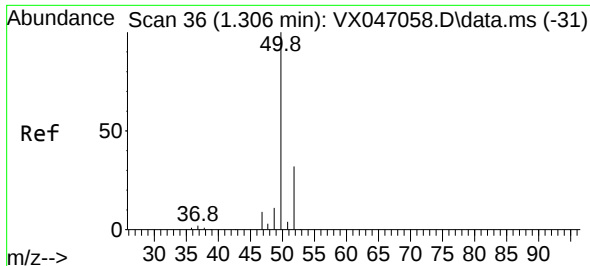
Reviewed By :John Carlone 07/22/2025
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#2
Dichlorodifluoromethane
Concen: 18.376 ug/l
RT: 1.184 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

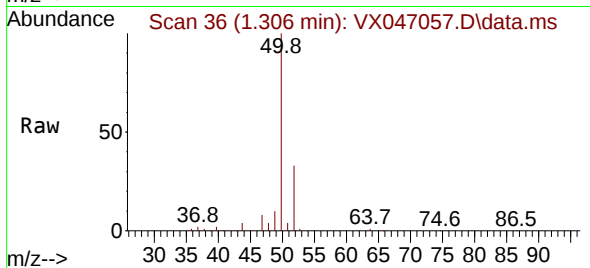
Tgt Ion: 85 Resp: 78327
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.8





#3
Chloromethane
Concen: 19.046 ug/l
RT: 1.306 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

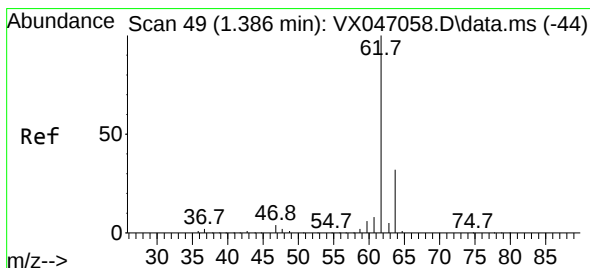
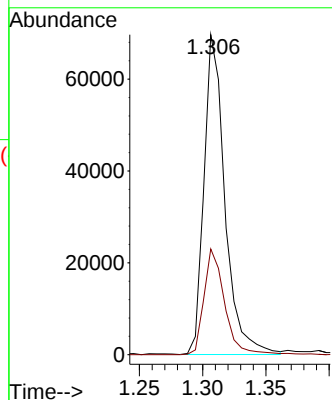
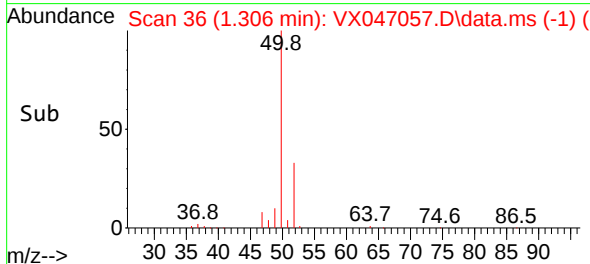
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Tgt Ion: 50 Resp: 8030
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

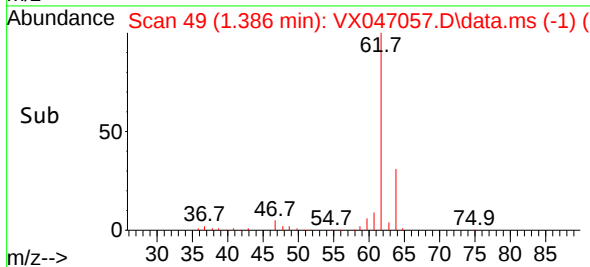
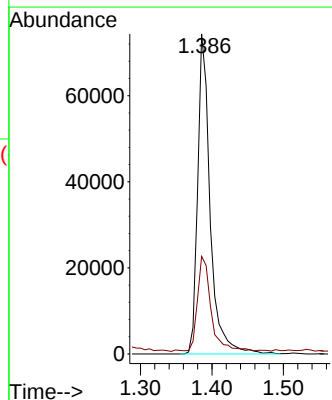
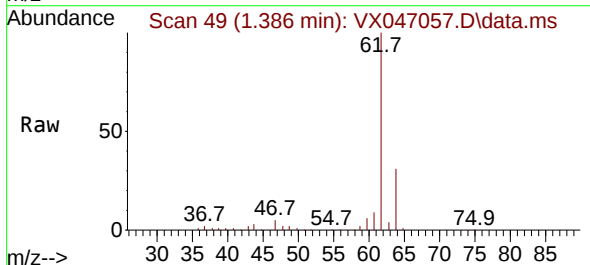
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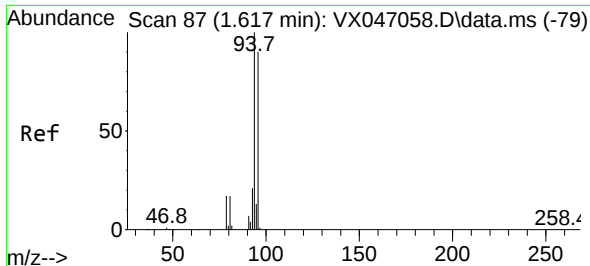
Reviewed By :John Carlone 07/22/2025
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#4
Vinyl Chloride
Concen: 19.832 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

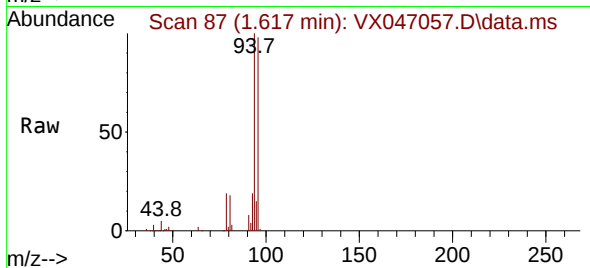
Tgt Ion: 62 Resp: 89887
Ion Ratio Lower Upper
62 100
64 29.5 25.2 37.8





#5
Bromomethane
Concen: 20.832 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX047057.D
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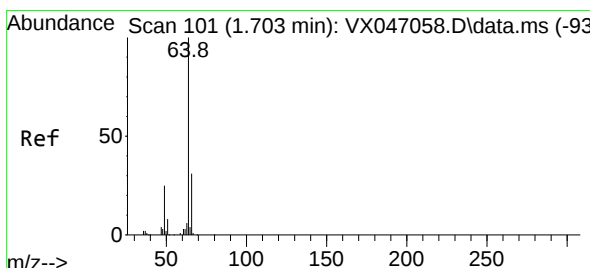
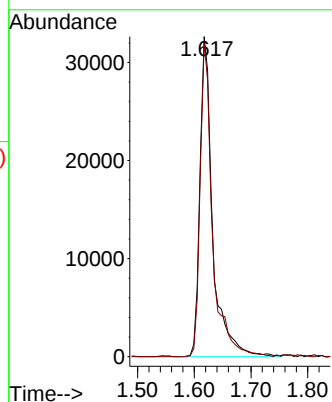
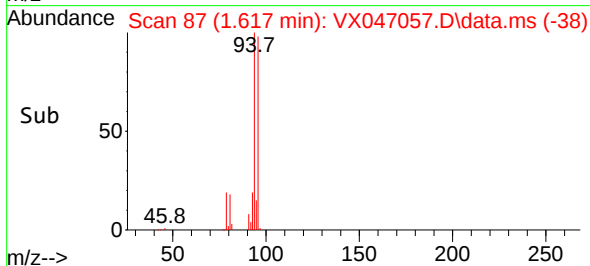
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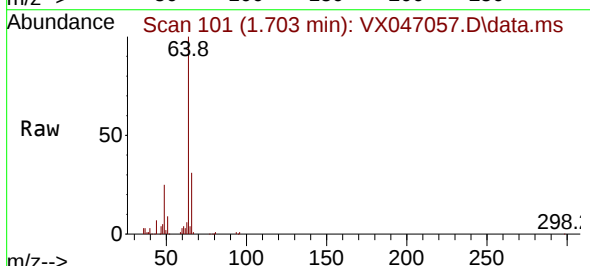
Tgt Ion: 94 Resp: 51290
Ion Ratio Lower Upper
94 100
96 98.1 72.3 108.5

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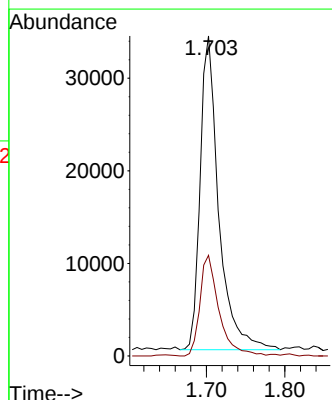
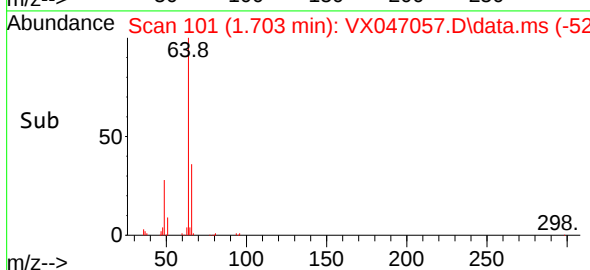
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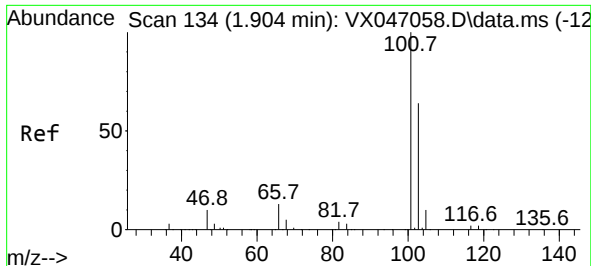


#6
Chloroethane
Concen: 18.797 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047057.D
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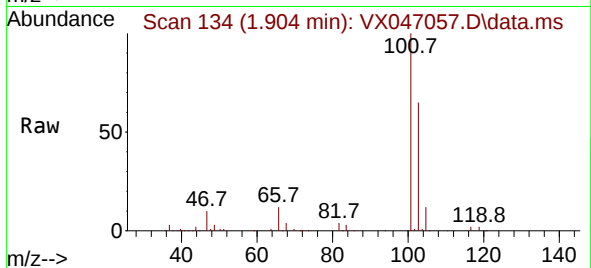
Tgt Ion: 64 Resp: 55955
Ion Ratio Lower Upper
64 100
66 32.1 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 20.095 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047057.D
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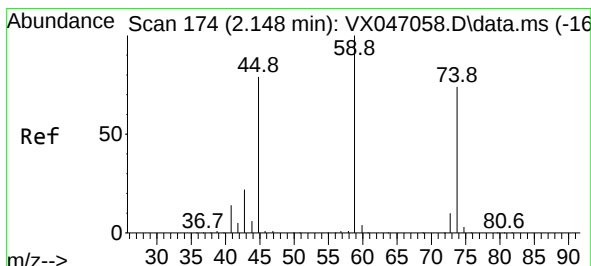
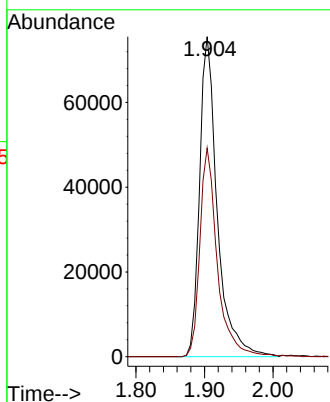
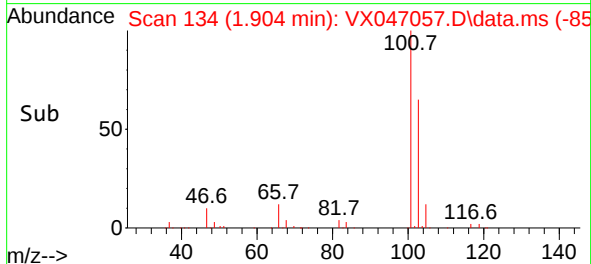
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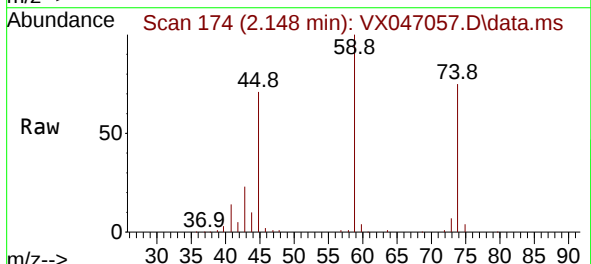
Tgt Ion:101 Resp: 13581
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.9 76.3

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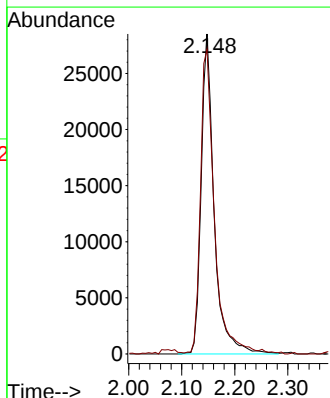
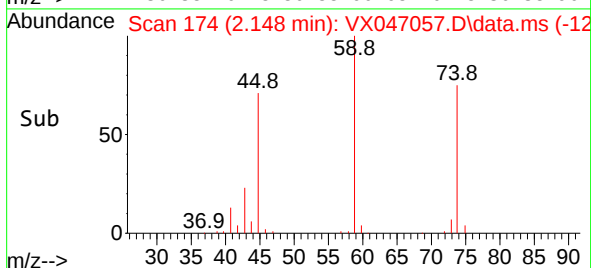
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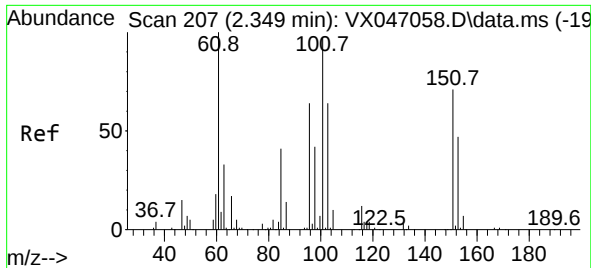


#8
 Diethyl Ether
 Concen: 20.277 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047057.D
 Acq: 21 Jul 2025 10:29



Tgt Ion: 74 Resp: 48319
 Ion Ratio Lower Upper
 74 100
 45 103.6 53.0 159.0





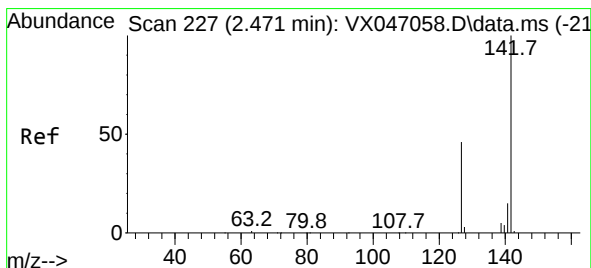
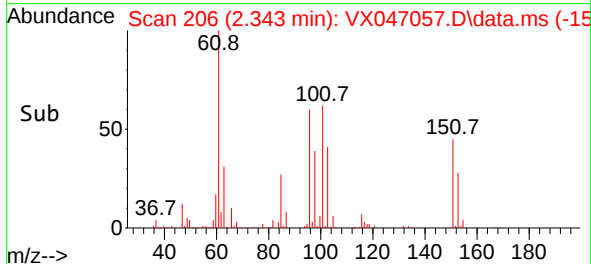
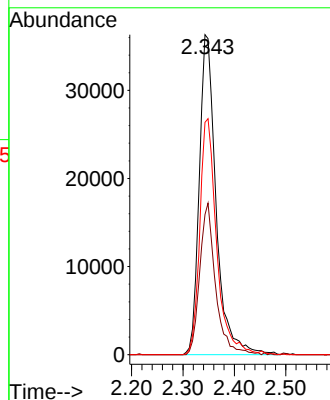
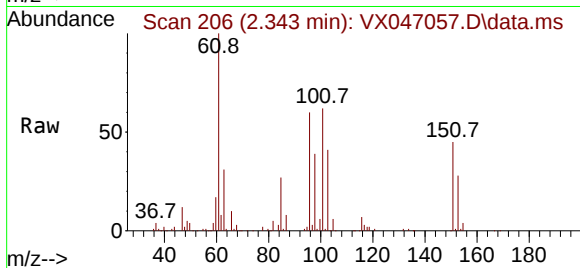
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.350 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 82864
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.0
151 73.8 59.2 88.8

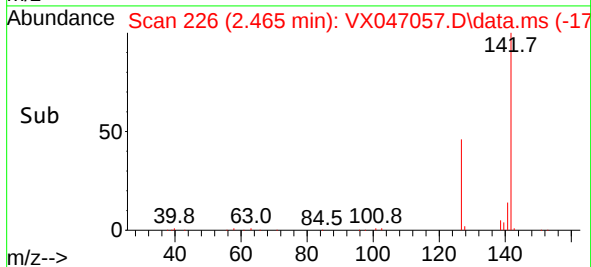
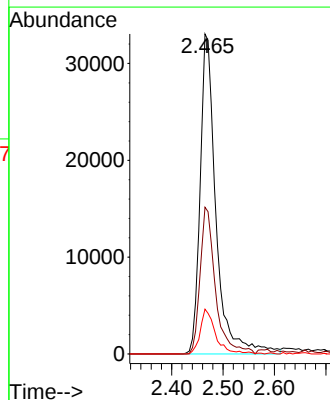
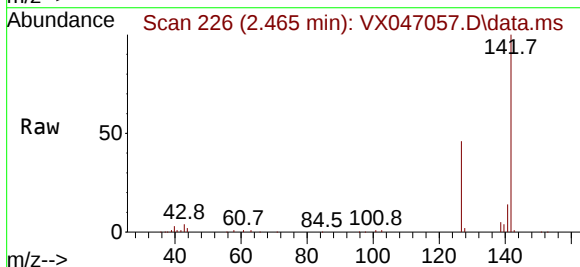
Manual Integrations
APPROVED

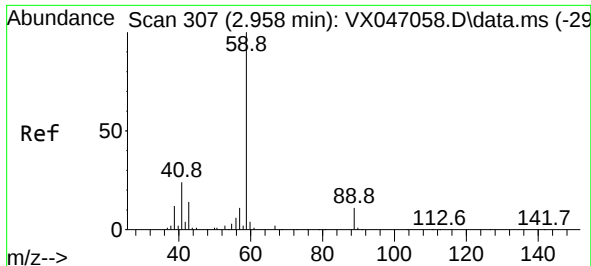
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#10
Methyl Iodide
Concen: 17.073 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion:142 Resp: 70850
Ion Ratio Lower Upper
142 100
127 44.3 36.6 54.8
141 13.6 10.9 16.3





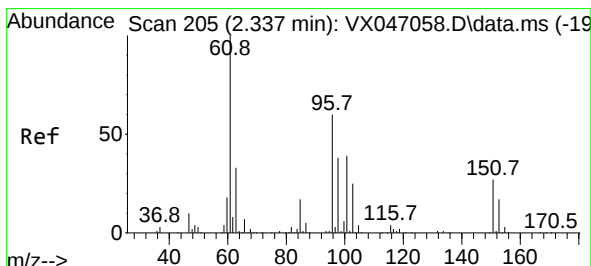
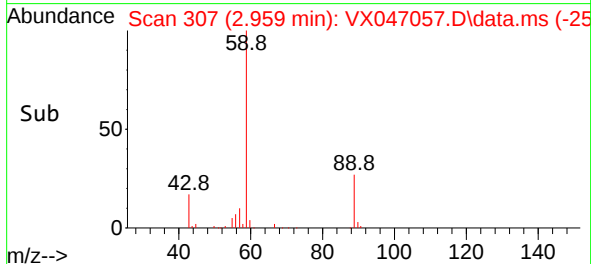
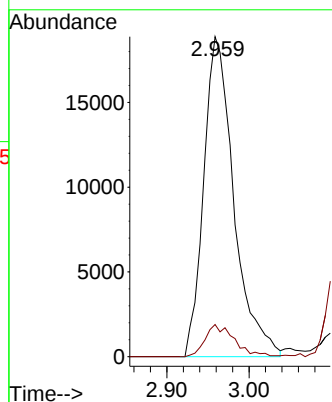
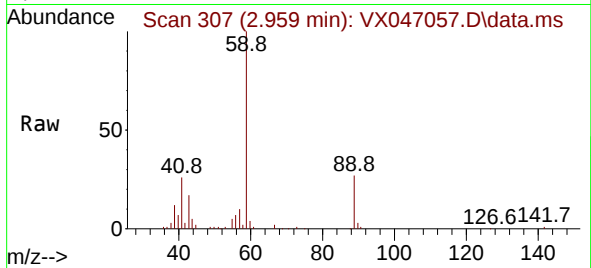
#11
Tert butyl alcohol
Concen: 96.502 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 4804
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

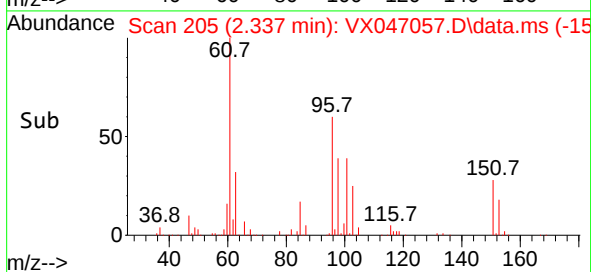
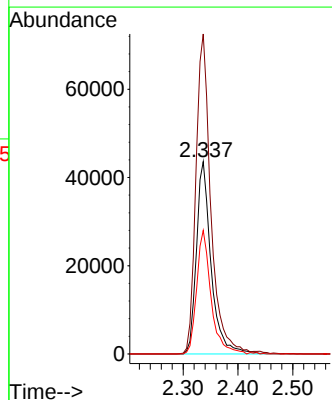
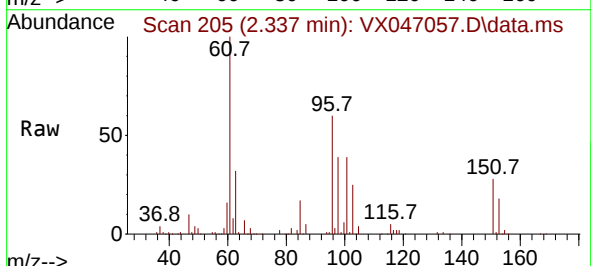
Manual Integrations
APPROVED

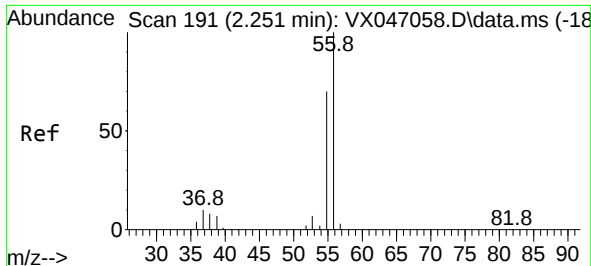
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#12
1,1-Dichloroethene
Concen: 20.206 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

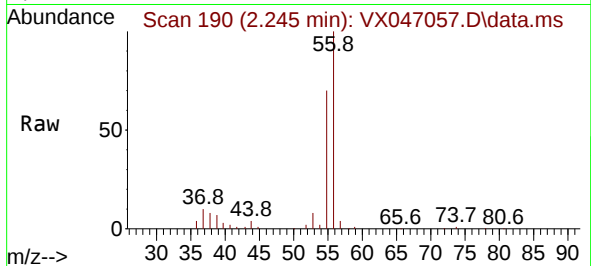
Tgt Ion: 96 Resp: 81489
Ion Ratio Lower Upper
96 100
61 159.3 132.6 198.8
98 61.5 50.2 75.4





#13
Acrolein
Concen: 96.989 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

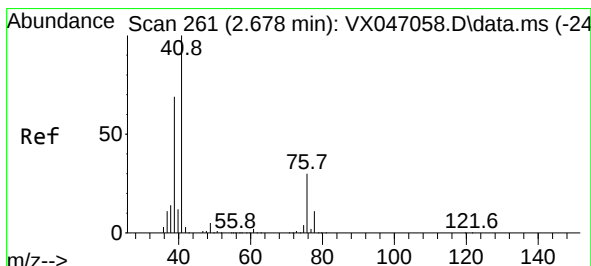
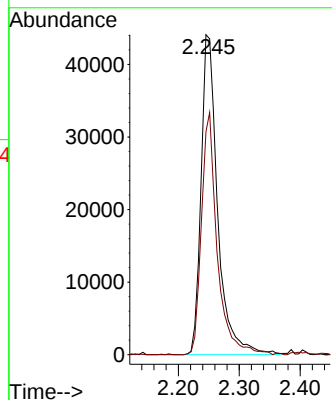
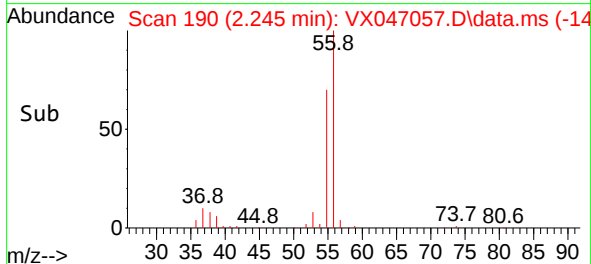
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 8348
Ion Ratio Lower Upper
56 100
55 71.8 55.7 83.5

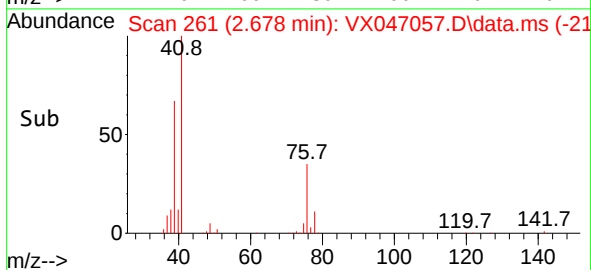
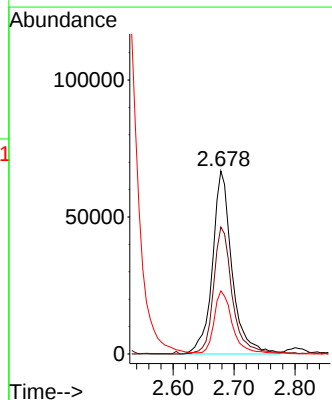
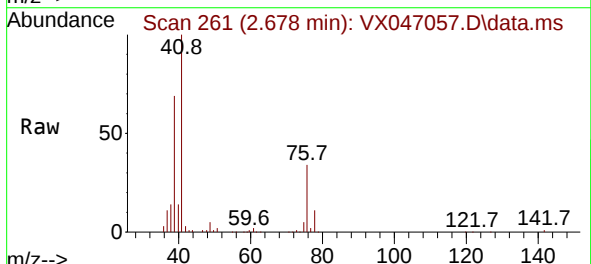
Manual Integrations
APPROVED

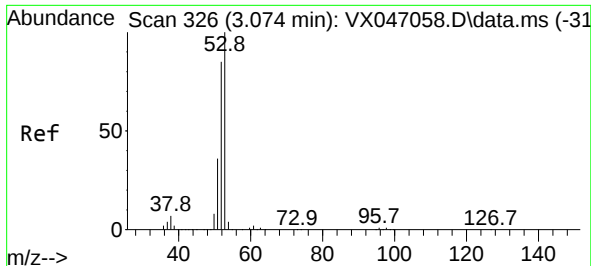
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#14
Allyl chloride
Concen: 20.465 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

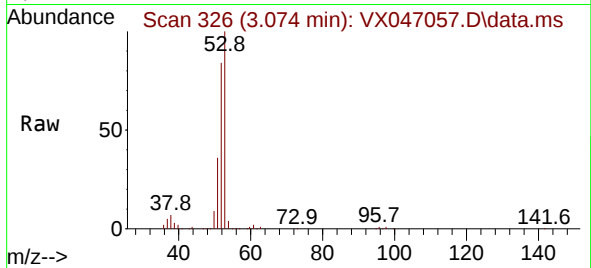
Tgt Ion: 41 Resp: 149196
Ion Ratio Lower Upper
41 100
39 67.1 52.6 78.8
76 32.6 25.7 38.5





#15
Acrylonitrile
Concen: 106.603 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

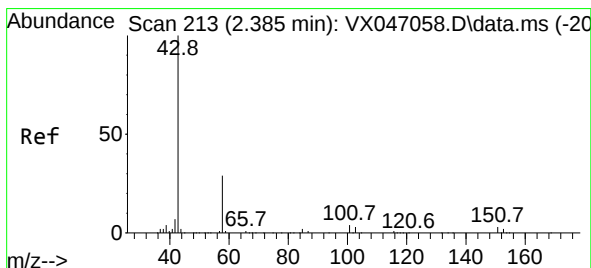
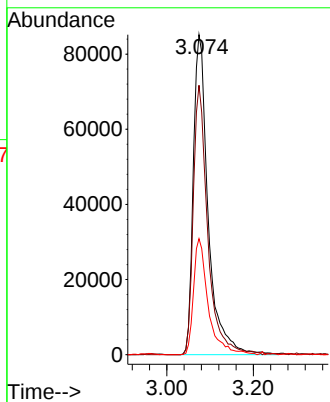
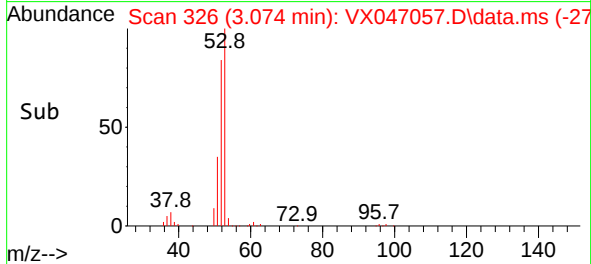
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 20324
Ion Ratio Lower Upper
53 100
52 81.8 65.7 98.5
51 35.9 28.8 43.2

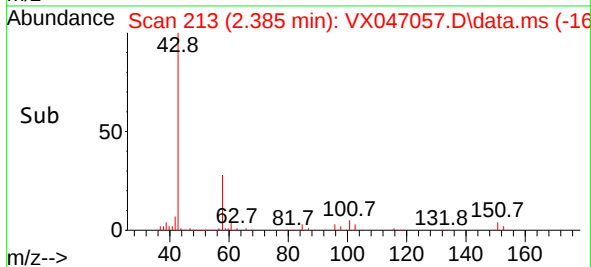
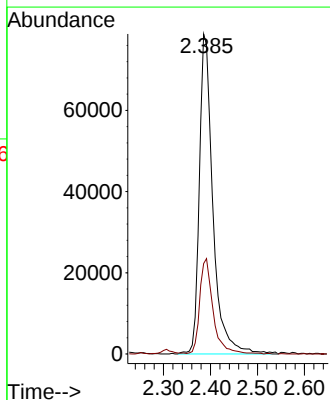
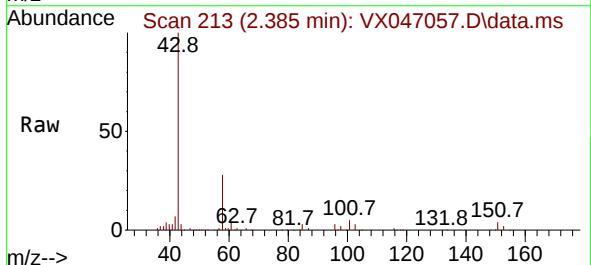
Manual Integrations
APPROVED

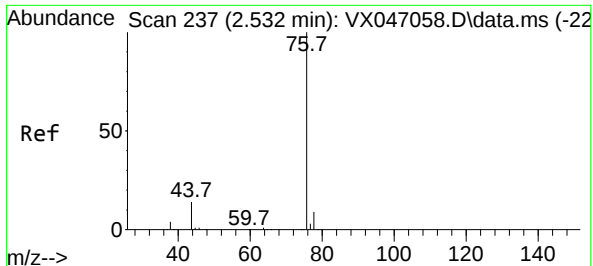
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#16
Acetone
Concen: 98.619 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion: 43 Resp: 157932
Ion Ratio Lower Upper
43 100
58 28.3 24.0 36.0





#17

Carbon Disulfide

Concen: 20.059 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.006 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 23403

Ion Ratio Lower Upper

76 100

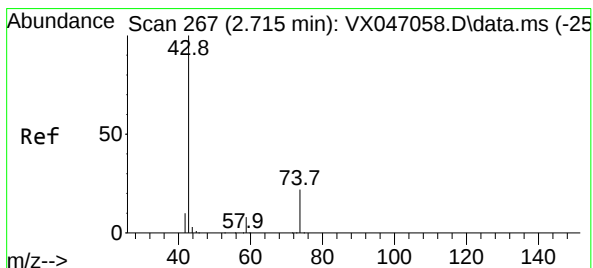
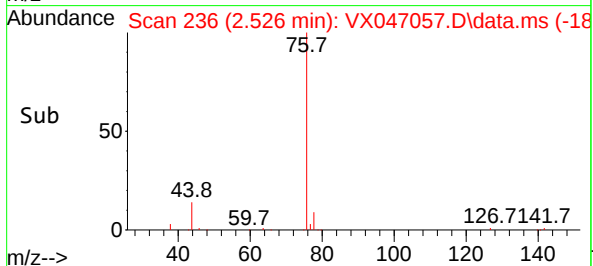
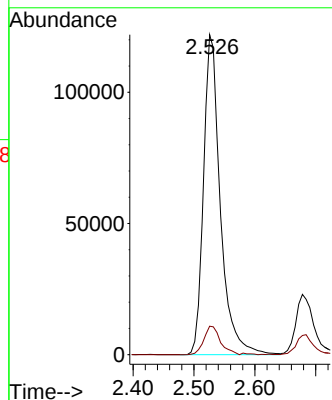
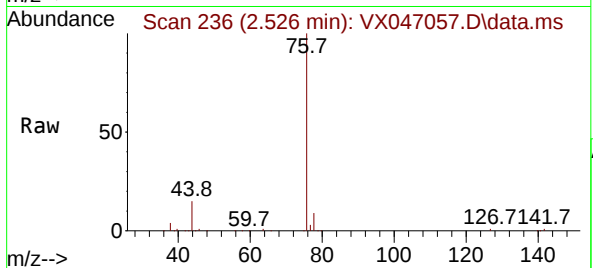
78 8.9 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#18

Methyl Acetate

Concen: 19.180 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.000 min

Lab File: VX047057.D

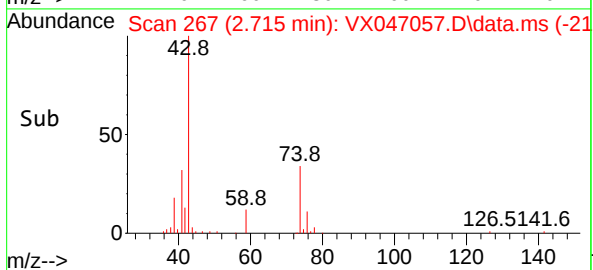
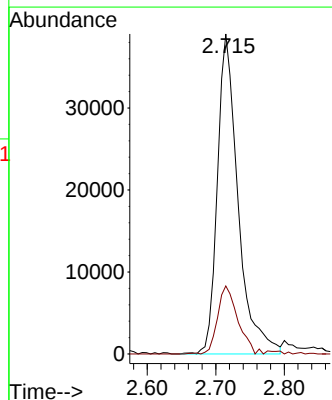
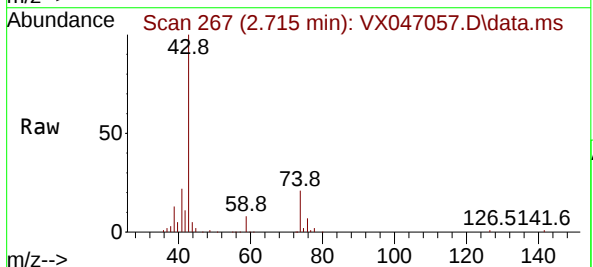
Acq: 21 Jul 2025 10:29

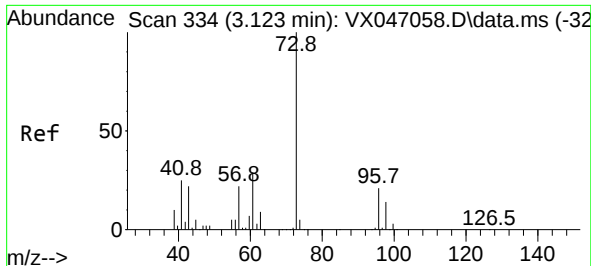
Tgt Ion: 43 Resp: 81624

Ion Ratio Lower Upper

43 100

74 20.8 17.7 26.5





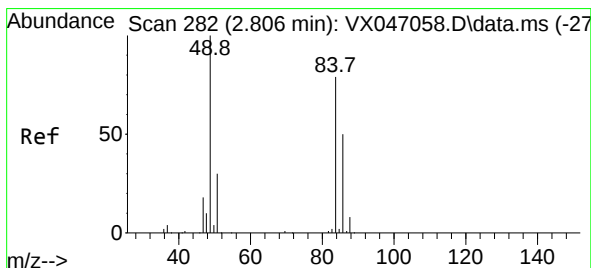
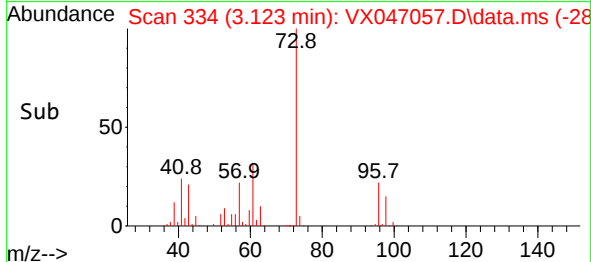
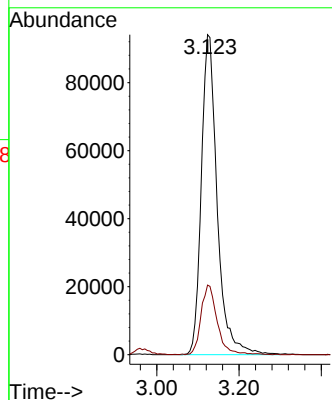
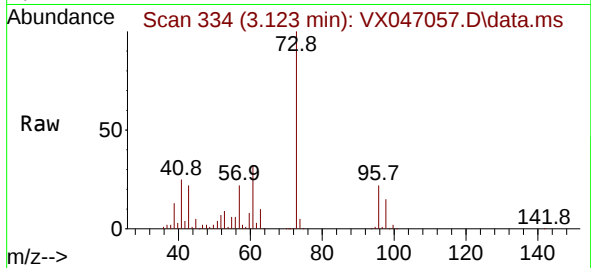
#19
Methyl tert-butyl Ether
Concen: 20.497 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 25158
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

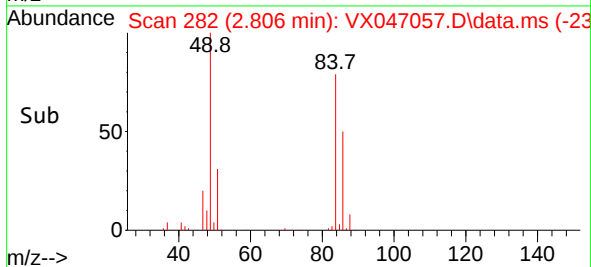
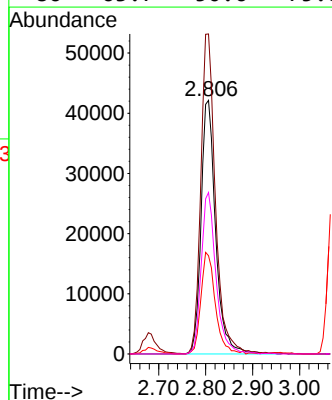
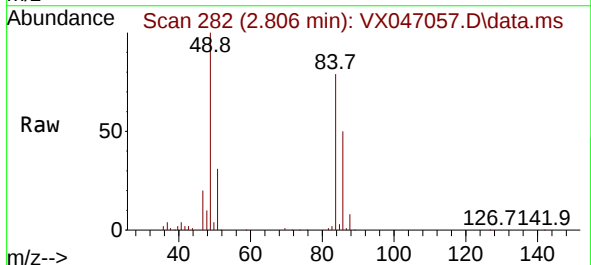
Manual Integrations
APPROVED

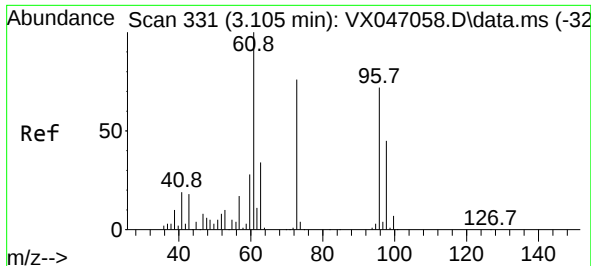
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#20
Methylene Chloride
Concen: 20.621 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion: 84 Resp: 90849
Ion Ratio Lower Upper
84 100
49 126.0 101.6 152.4
51 38.7 30.3 45.5
86 63.7 50.6 75.8





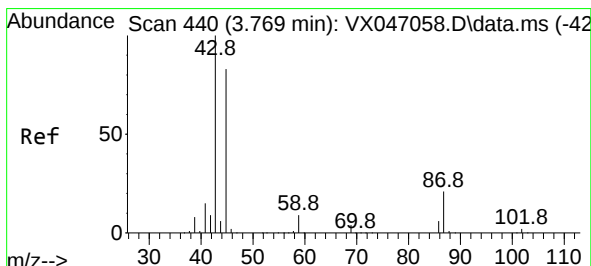
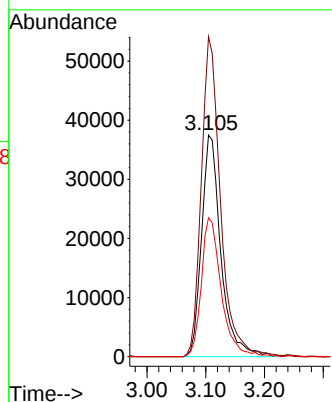
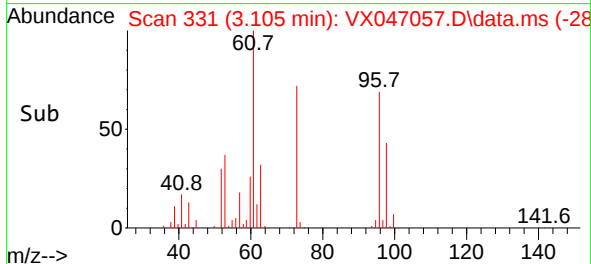
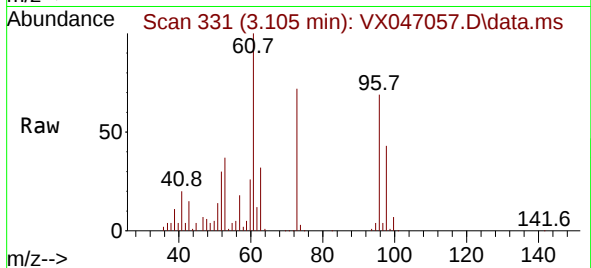
#21
trans-1,2-Dichloroethene
Concen: 20.738 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 8558
Ion Ratio Lower Upper
96 100
61 144.4 111.1 166.7
98 62.6 49.6 74.4

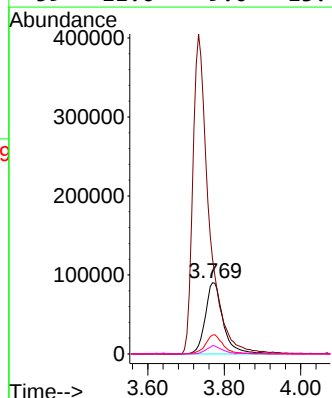
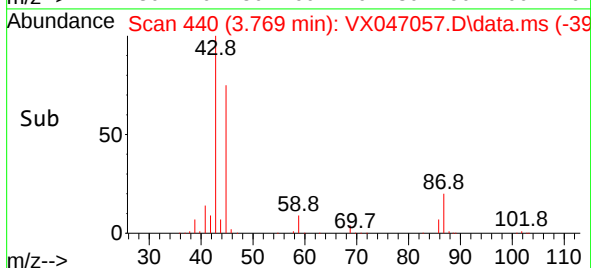
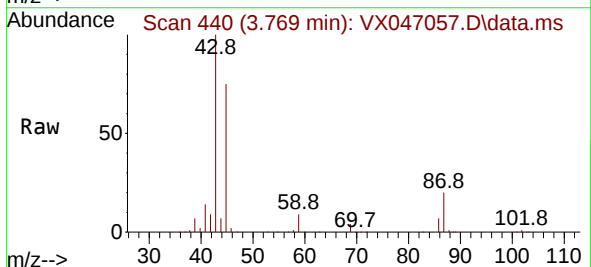
Manual Integrations
APPROVED

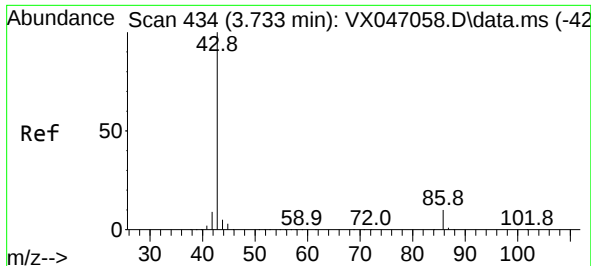
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#22
Diisopropyl ether
Concen: 20.967 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion: 45 Resp: 293875
Ion Ratio Lower Upper
45 100
43 133.7 96.8 145.2
87 26.6 20.5 30.7
59 11.6 9.0 13.4





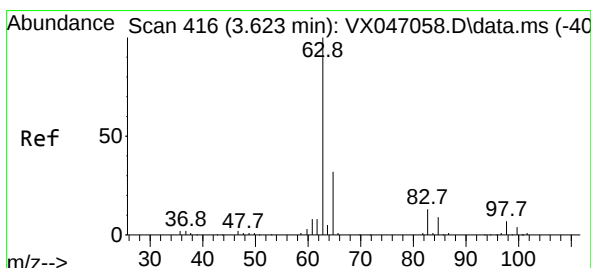
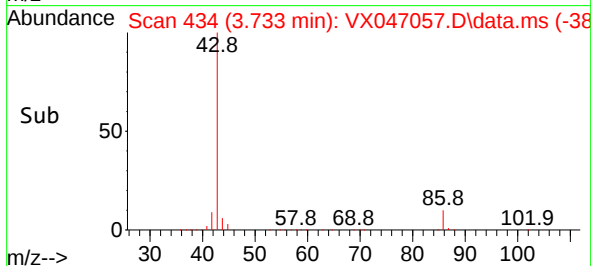
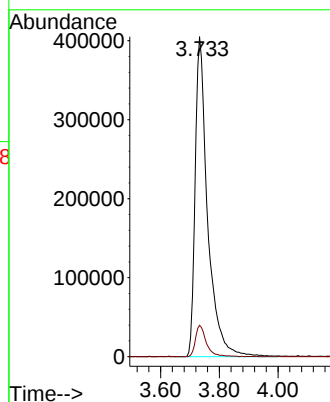
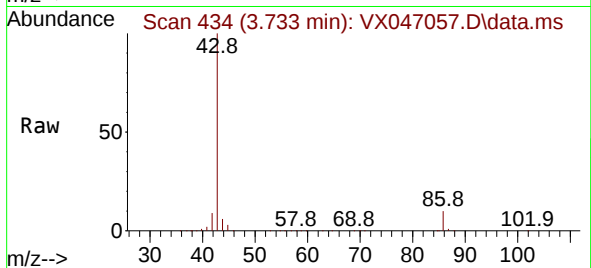
#23
 Vinyl Acetate
 Concen: 106.090 ug/l
 RT: 3.733 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047057.D
 Acq: 21 Jul 2025 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 119263
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

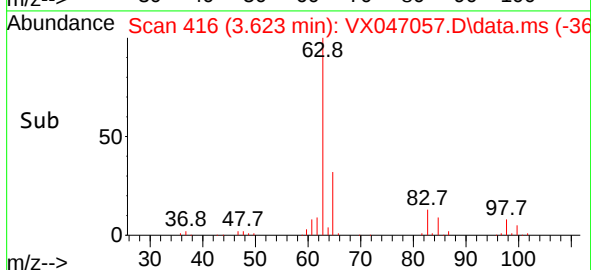
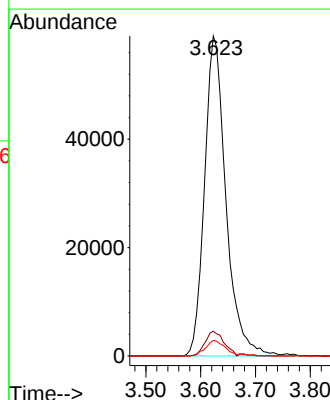
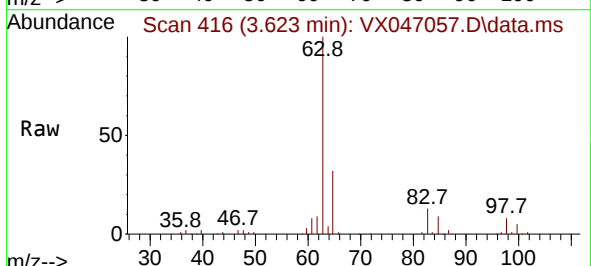
Manual Integrations
 APPROVED

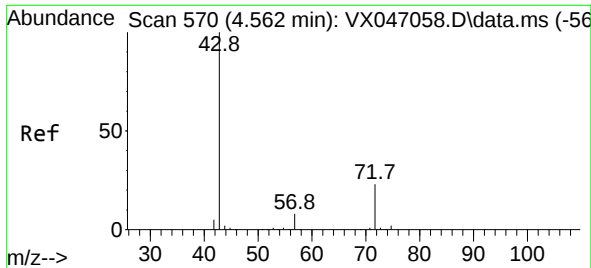
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#24
 1,1-Dichloroethane
 Concen: 20.507 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047057.D
 Acq: 21 Jul 2025 10:29

Tgt Ion: 63 Resp: 159828
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.9 2.3 6.8





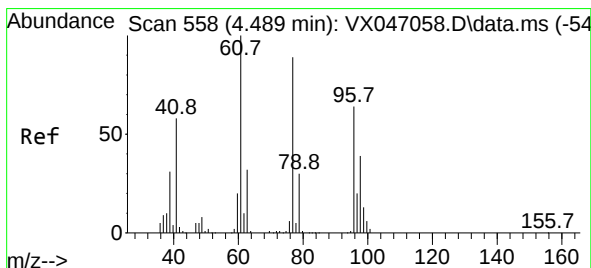
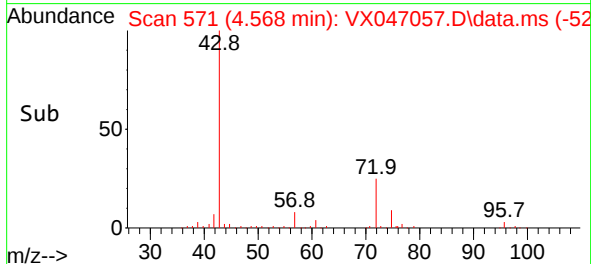
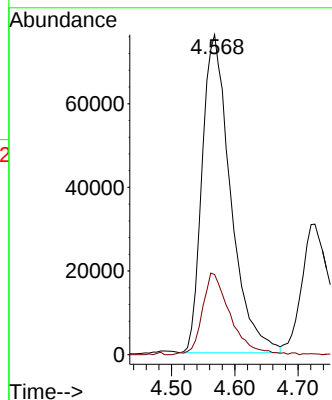
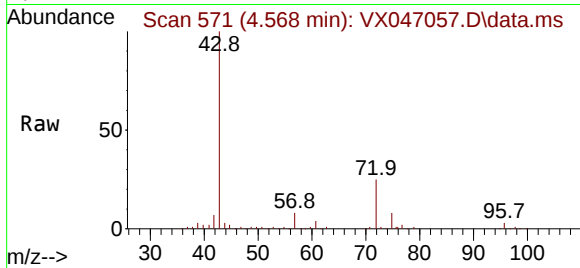
#25
2-Butanone
Concen: 102.172 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 238240
Ion Ratio Lower Upper
43 100
72 24.9 18.8 28.2

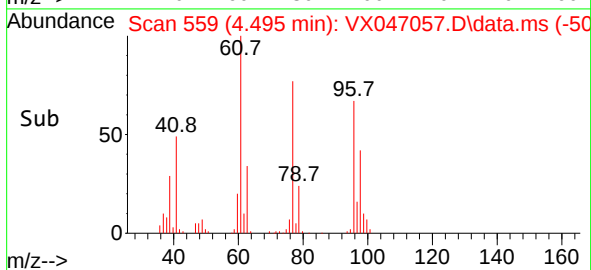
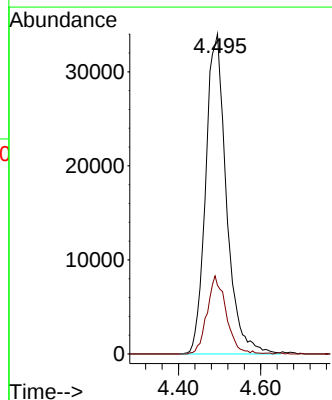
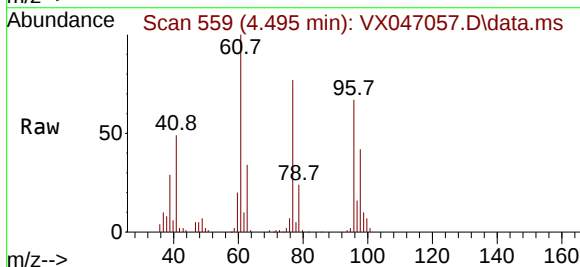
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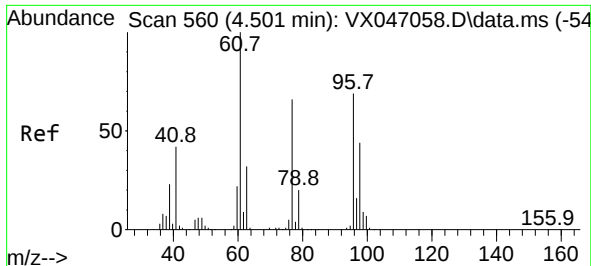
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#26
2,2-Dichloropropane
Concen: 19.743 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion: 77 Resp: 119113
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.420 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

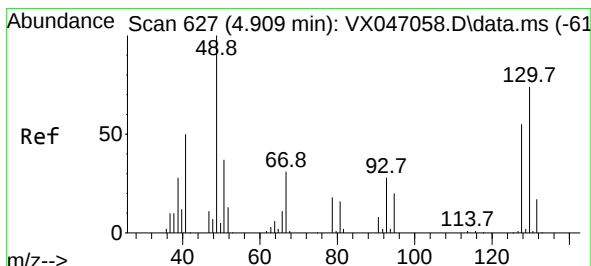
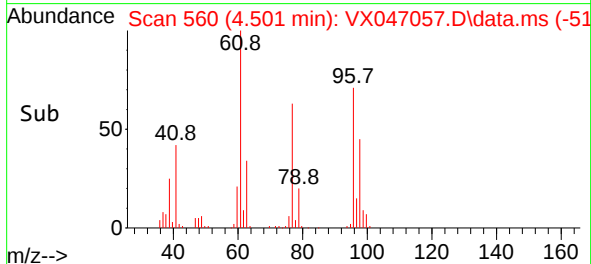
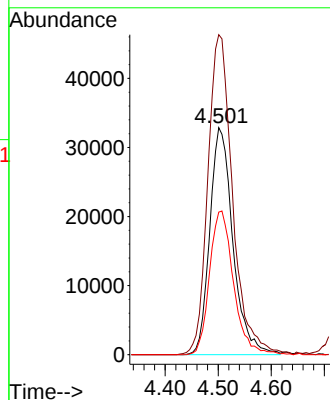
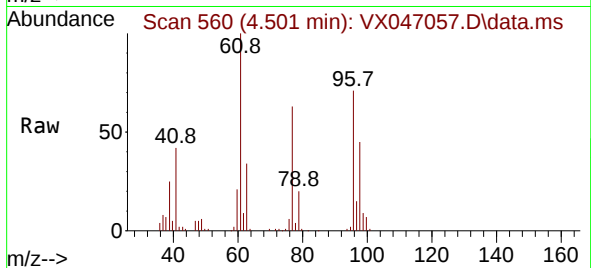
Tgt Ion: 96 Resp: 99794
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 298.6
 98 65.4 0.0 128.8

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#28

Bromochloromethane

Concen: 20.334 ug/l

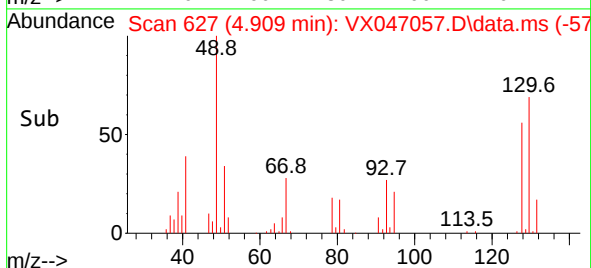
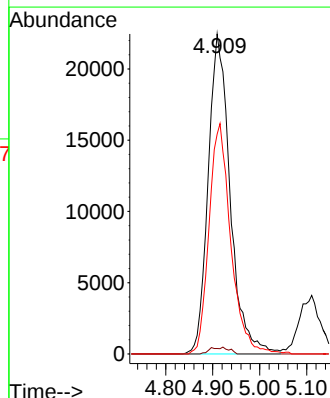
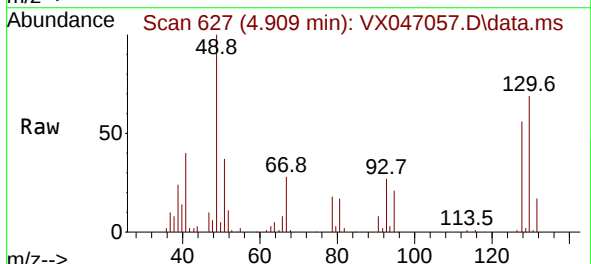
RT: 4.909 min Scan# 627

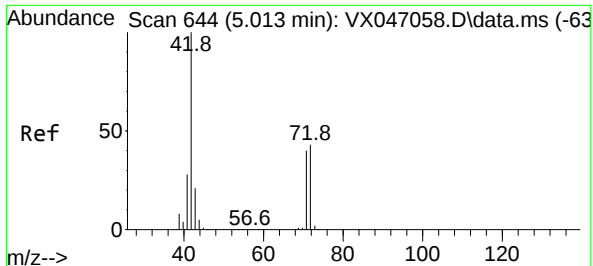
Delta R.T. 0.000 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Tgt Ion: 49 Resp: 72912
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 71.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 104.232 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 156819

Ion Ratio Lower Upper

42 100

72 42.2 33.7 50.5

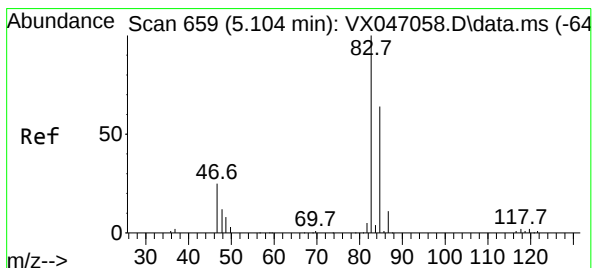
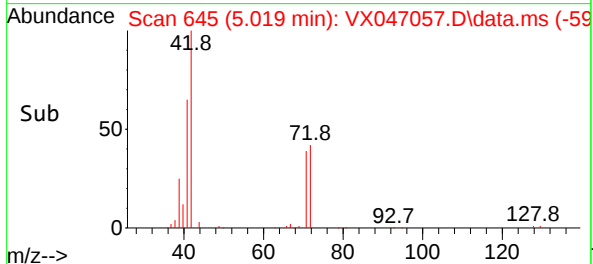
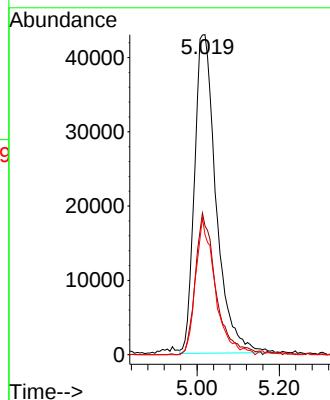
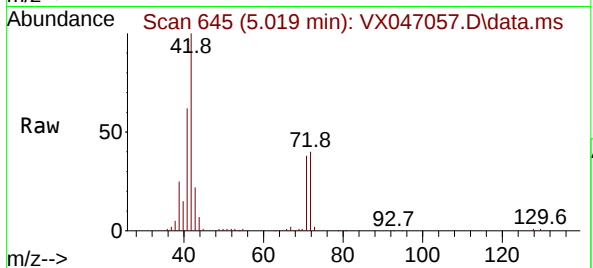
71 38.6 31.0 46.4

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#30

Chloroform

Concen: 20.255 ug/l

RT: 5.104 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX047057.D

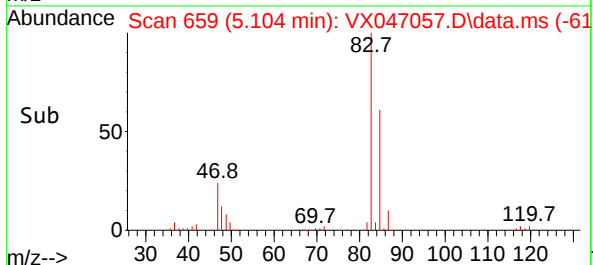
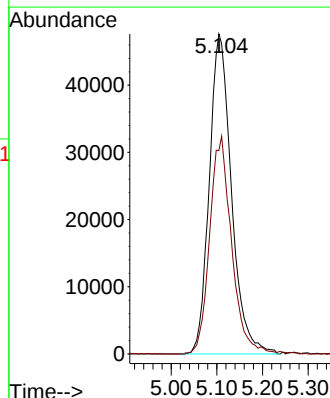
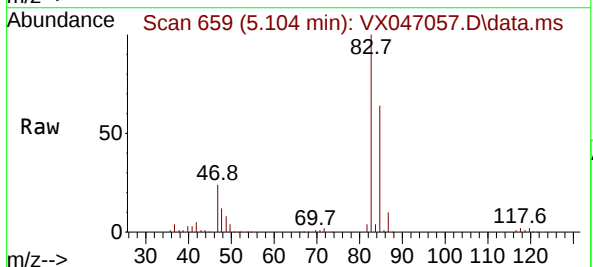
Acq: 21 Jul 2025 10:29

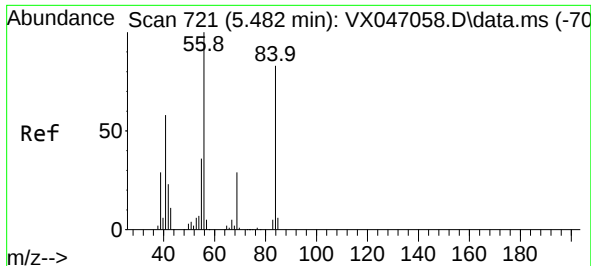
Tgt Ion: 83 Resp: 160698

Ion Ratio Lower Upper

83 100

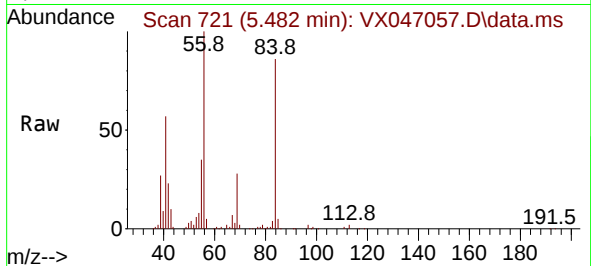
85 63.6 50.9 76.3





#31
Cyclohexane
Concen: 20.397 ug/l
RT: 5.482 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

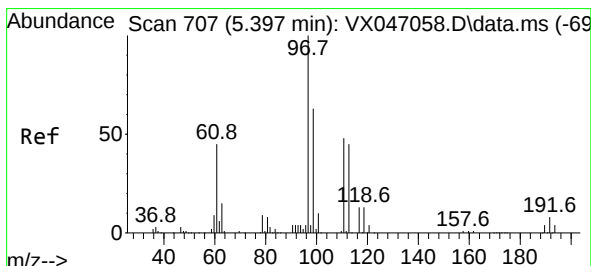
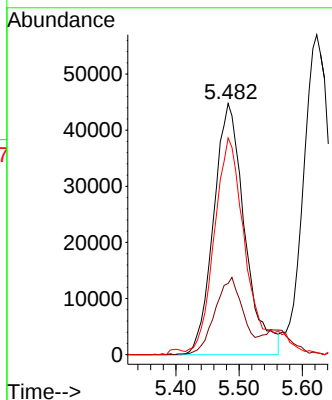
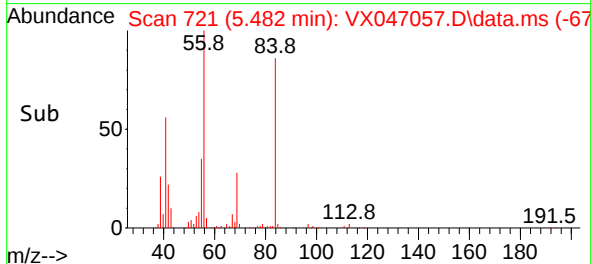
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 152430
Ion Ratio Lower Upper
56 100
69 28.0 23.3 34.9
84 84.2 66.5 99.7

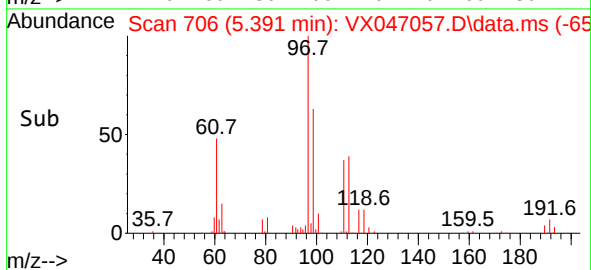
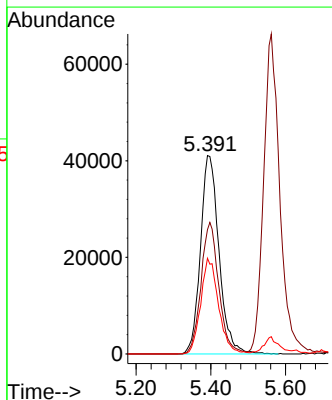
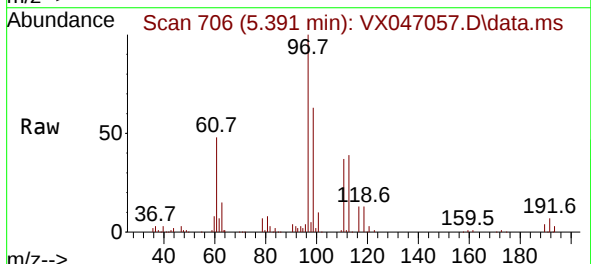
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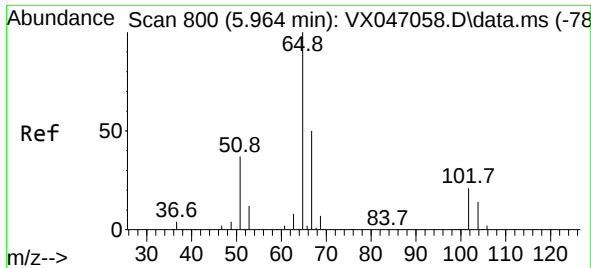
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#32
1,1,1-Trichloroethane
Concen: 20.503 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion: 97 Resp: 141289
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 46.7 37.1 55.7





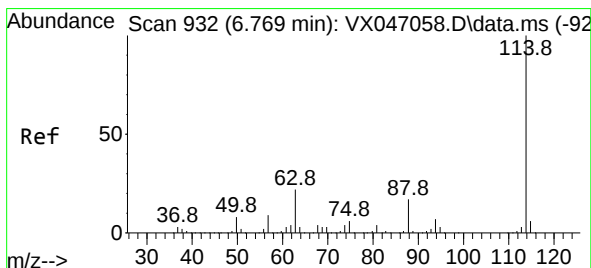
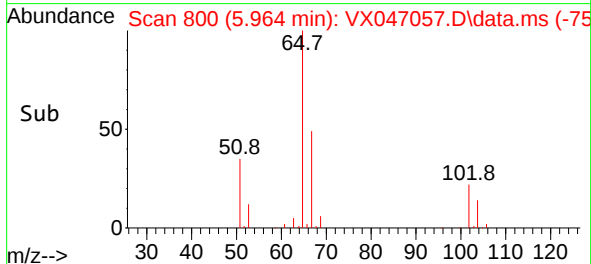
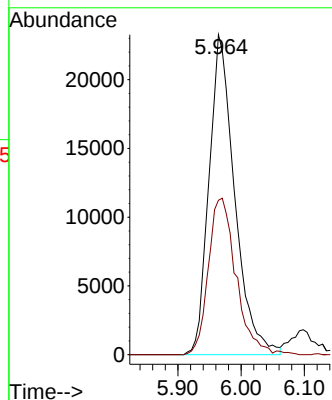
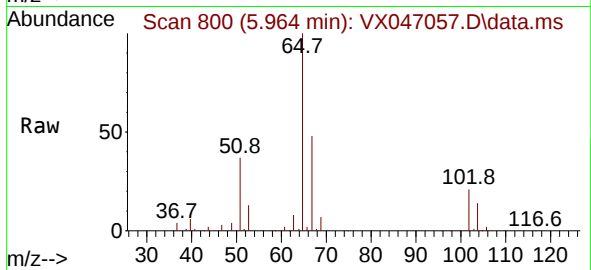
#33
1,2-Dichloroethane-d4
Concen: 16.395 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 6554
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8

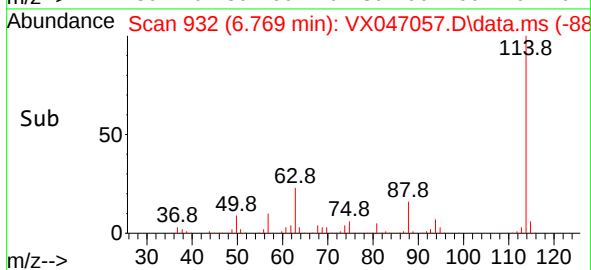
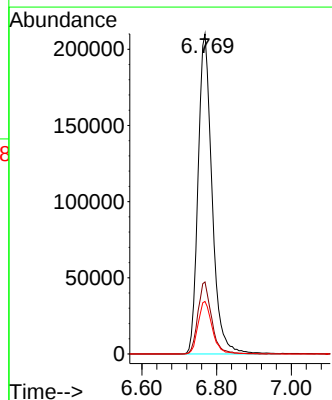
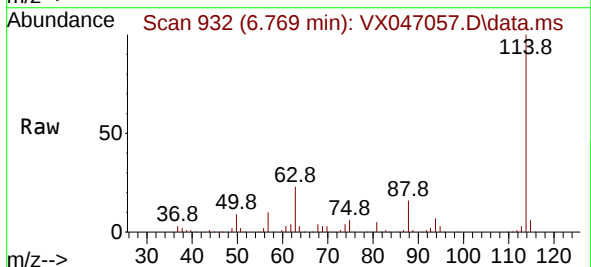
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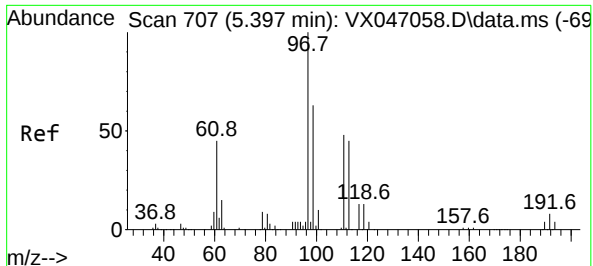
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion:114 Resp: 544303
Ion Ratio Lower Upper
114 100
63 25.5 0.0 43.2
88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 16.992 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:113 Resp: 5710

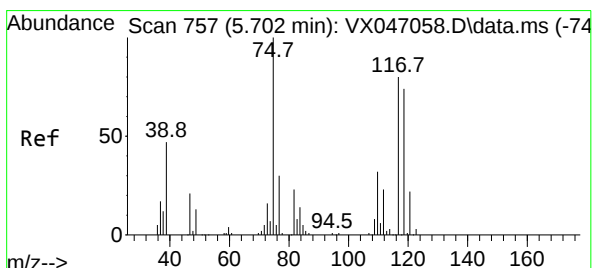
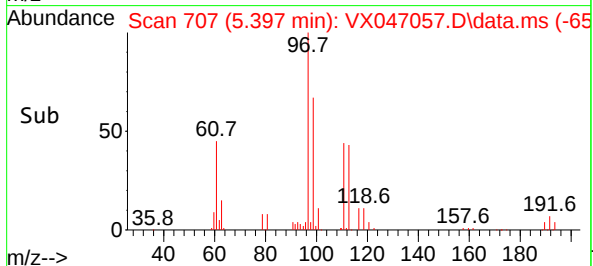
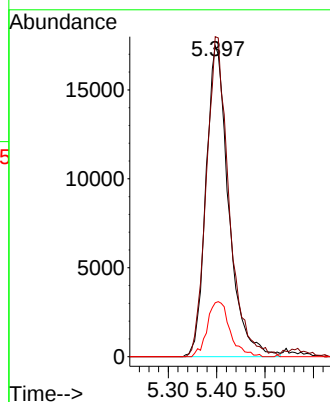
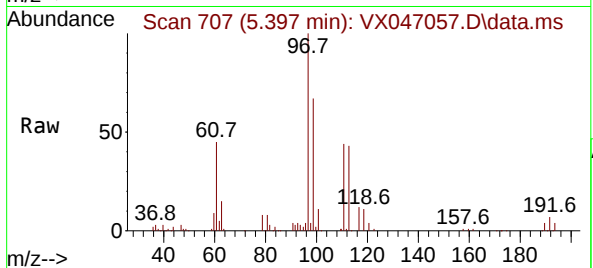
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	17.6	14.9	22.3

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#36

1,1-Dichloropropene

Concen: 20.062 ug/l

RT: 5.702 min Scan# 757

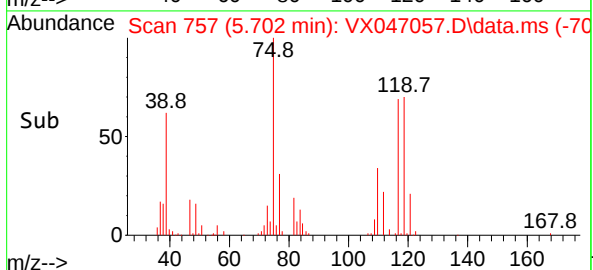
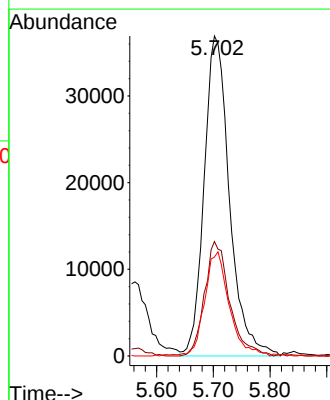
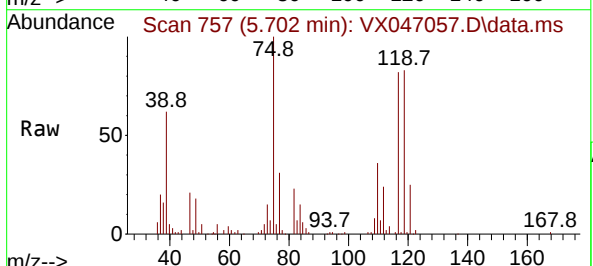
Delta R.T. 0.000 min

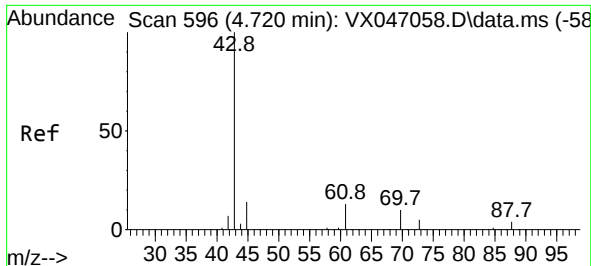
Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Tgt Ion: 75 Resp: 114925

Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.2	51.5
77	31.4	25.1	37.7





#37

Ethyl Acetate

Concen: 18.907 ug/l

RT: 4.726 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 9545

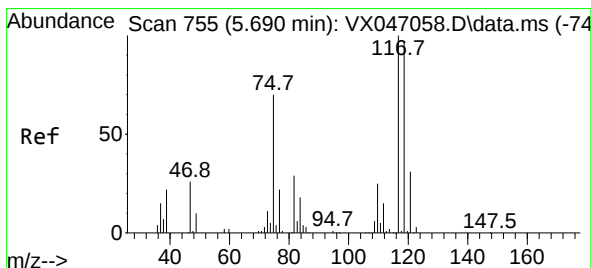
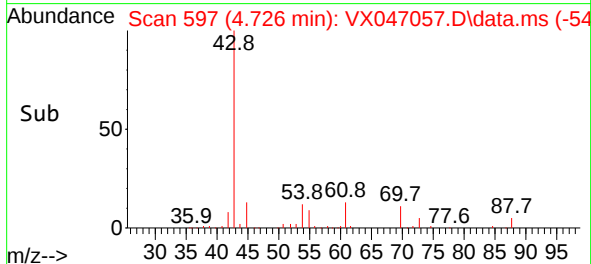
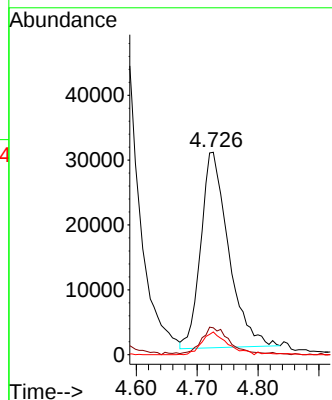
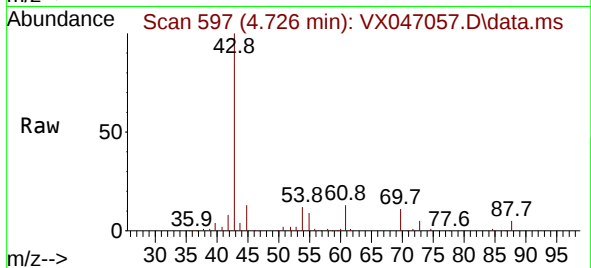
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.2	15.2
70	10.6	8.1	12.1

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#38

Carbon Tetrachloride

Concen: 20.150 ug/l

RT: 5.684 min Scan# 754

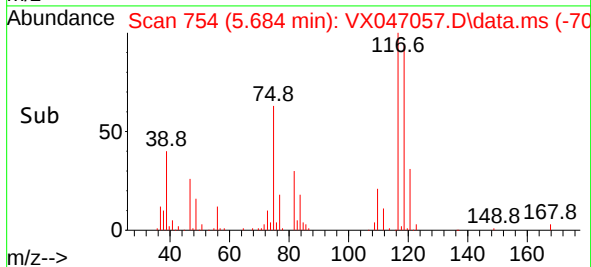
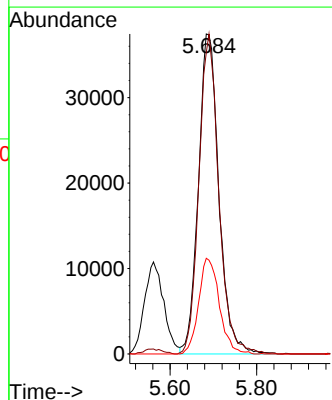
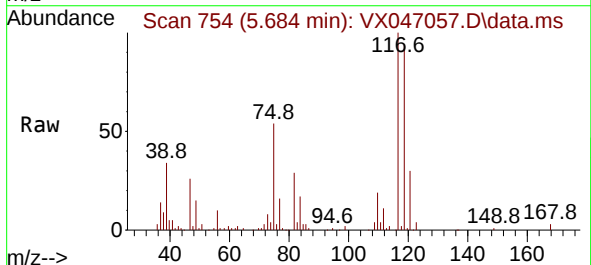
Delta R.T. -0.006 min

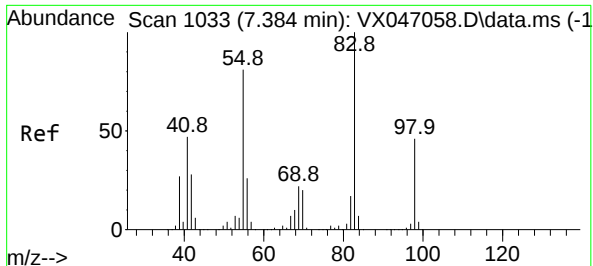
Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Tgt Ion:117 Resp: 123204

Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.6	115.0
121	29.9	24.4	36.6





#39

Methylcyclohexane

Concen: 20.519 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 146762

Ion Ratio Lower Upper

83 100

55 80.0 64.5 96.7

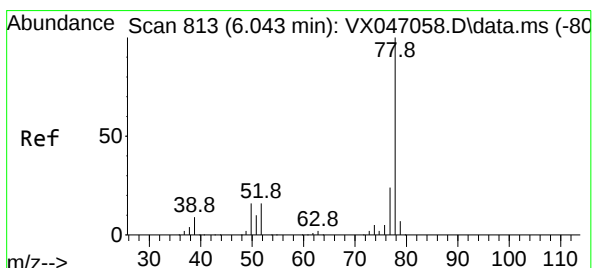
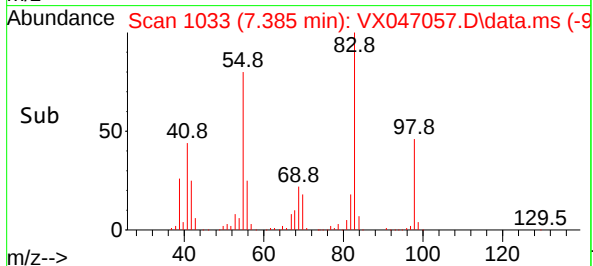
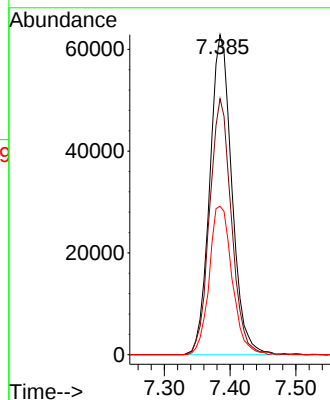
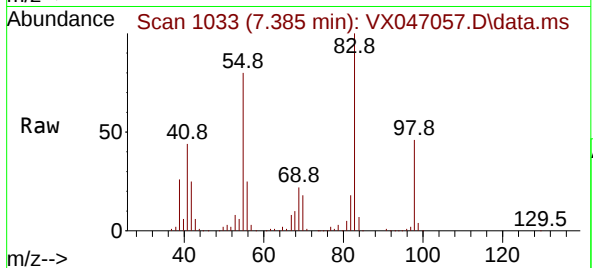
98 46.4 36.9 55.3

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#40

Benzene

Concen: 20.656 ug/l

RT: 6.049 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX047057.D

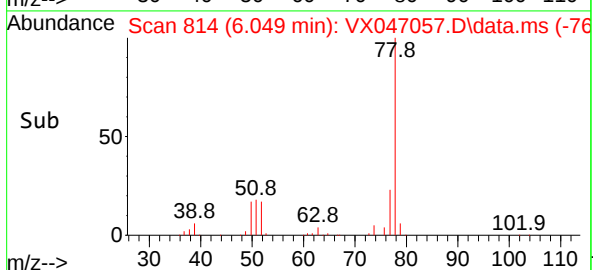
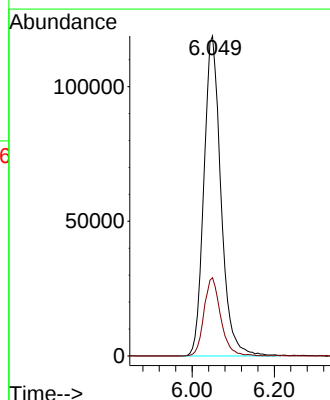
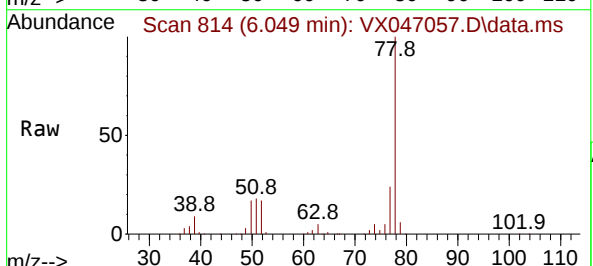
Acq: 21 Jul 2025 10:29

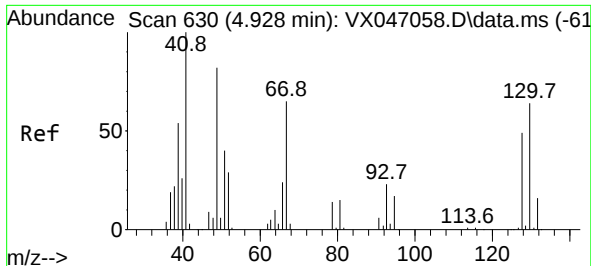
Tgt Ion: 78 Resp: 342454

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4





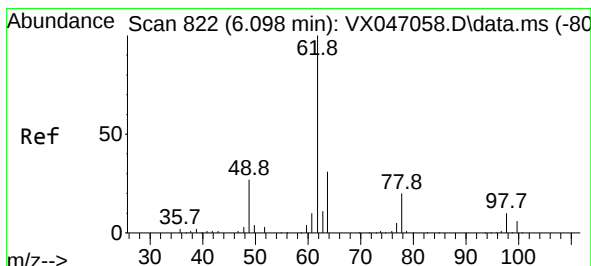
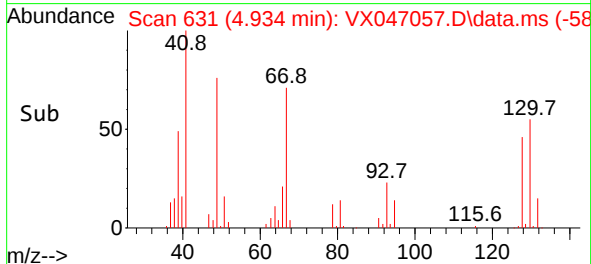
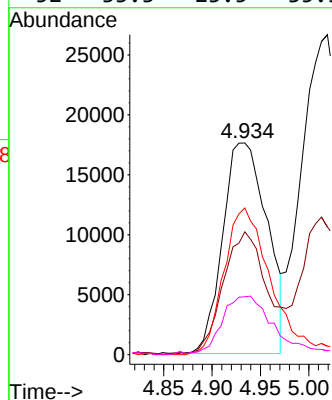
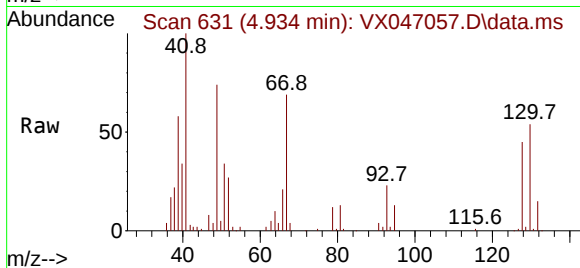
#41
Methacrylonitrile
Concen: 20.350 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 5616
Ion Ratio Lower Upper
41 100
39 58.8 44.2 66.2
67 74.5 56.4 84.6
52 33.3 23.5 35.3

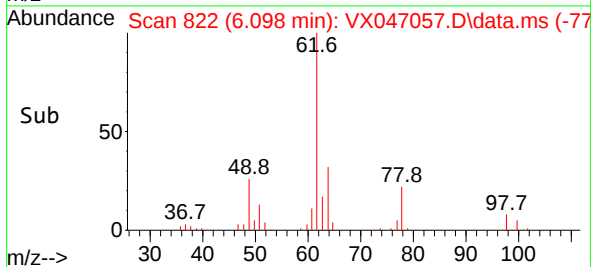
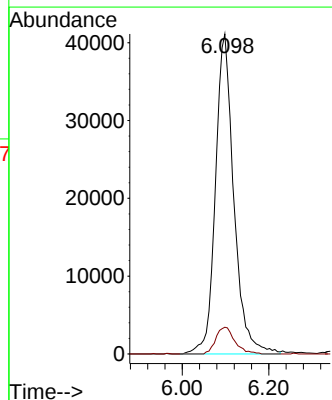
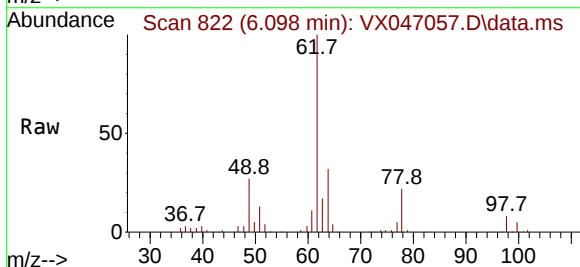
Manual Integrations
APPROVED

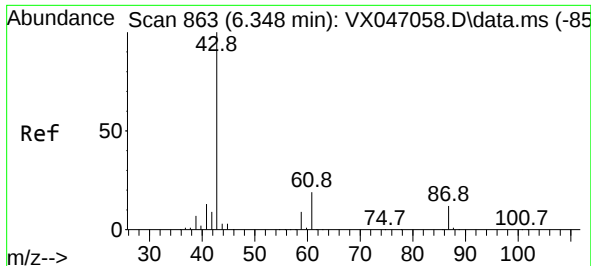
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#42
1,2-Dichloroethane
Concen: 20.808 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion: 62 Resp: 121515
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.8





#43

Isopropyl Acetate

Concen: 20.802 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 17118

Ion Ratio Lower Upper

43 100

61 18.8 15.1 22.7

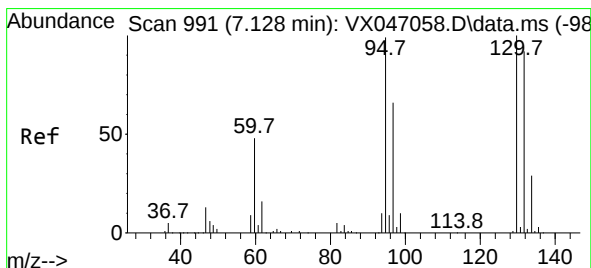
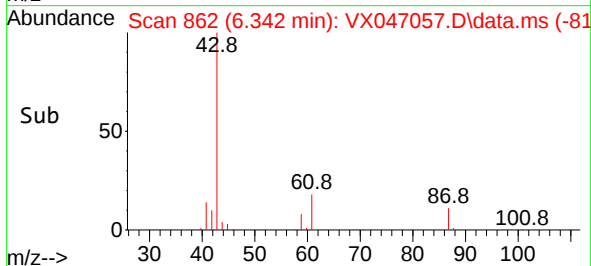
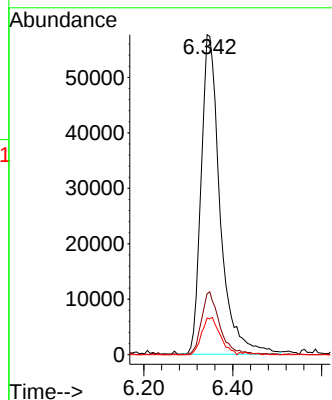
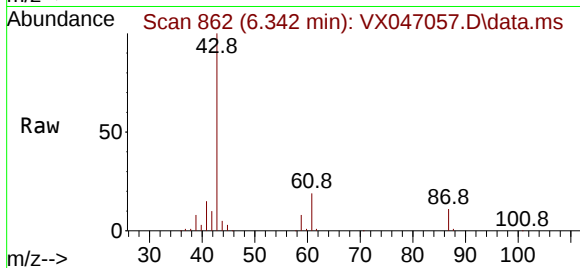
87 11.2 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#44

Trichloroethene

Concen: 20.099 ug/l

RT: 7.128 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX047057.D

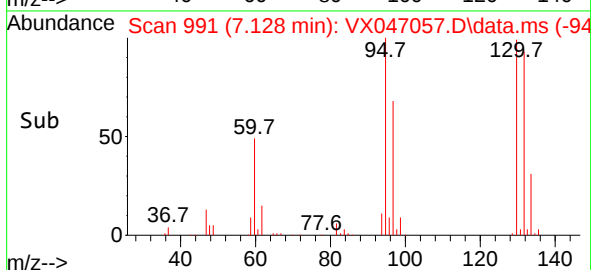
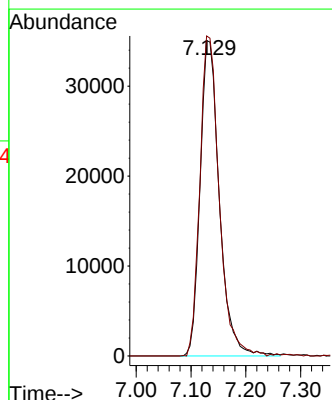
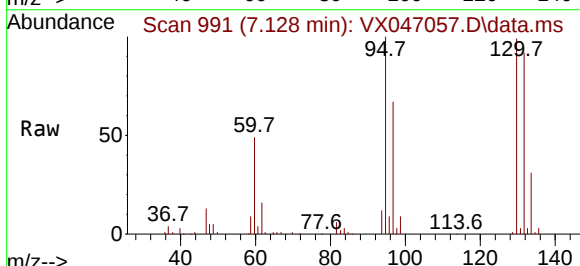
Acq: 21 Jul 2025 10:29

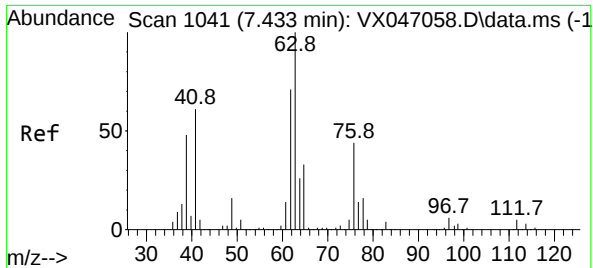
Tgt Ion:130 Resp: 85446

Ion Ratio Lower Upper

130 100

95 101.5 0.0 198.6





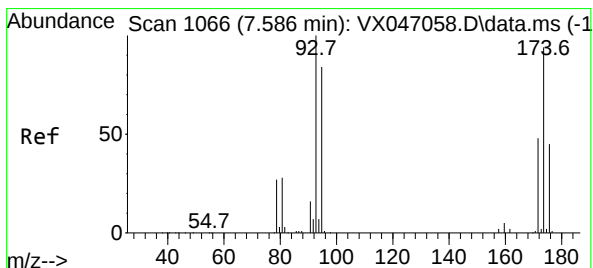
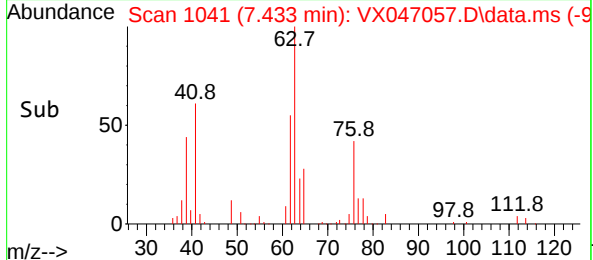
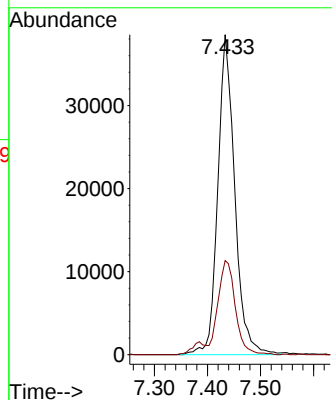
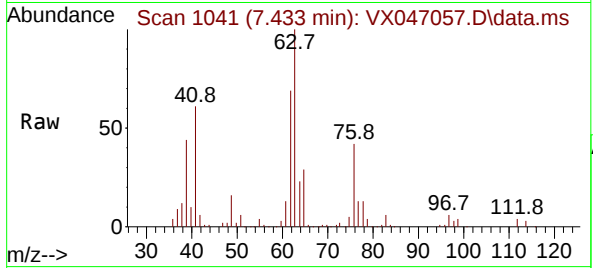
#45
1,2-Dichloropropane
Concen: 20.603 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 8554
Ion Ratio Lower Upper
63 100
65 29.4 26.3 39.5

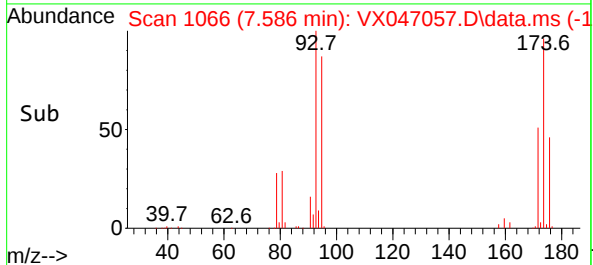
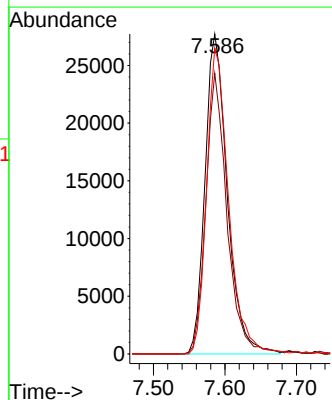
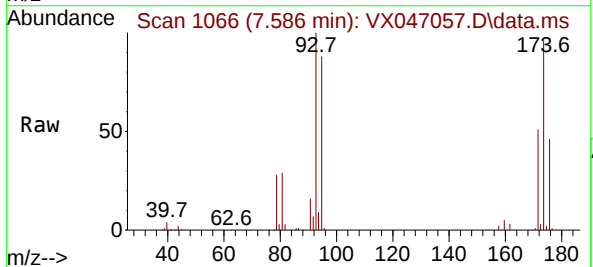
Manual Integrations
APPROVED

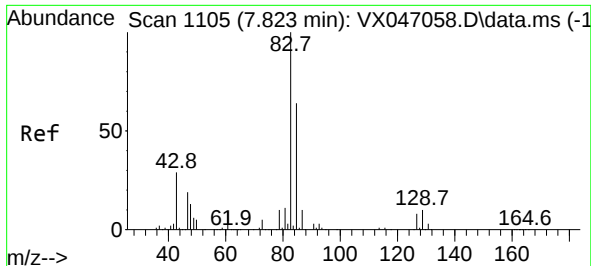
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#46
Dibromomethane
Concen: 20.588 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion: 93 Resp: 59949
Ion Ratio Lower Upper
93 100
95 83.4 65.9 98.9
174 94.2 74.6 112.0





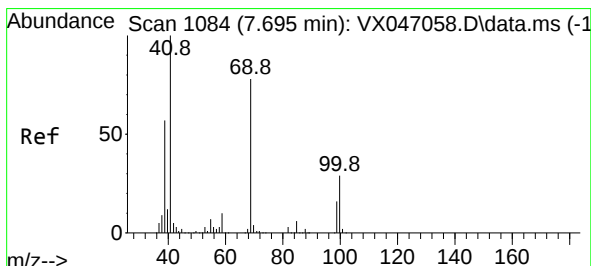
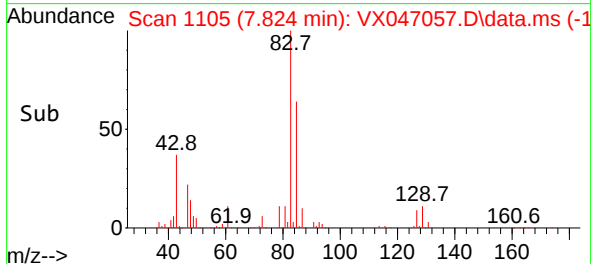
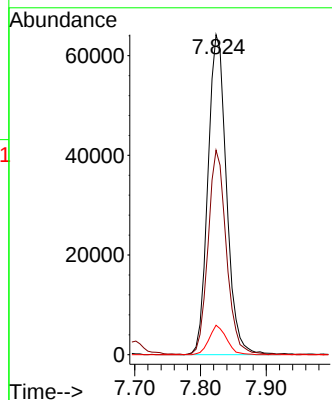
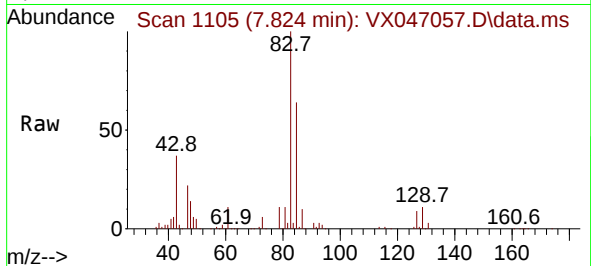
#47
Bromodichloromethane
Concen: 20.345 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 12609
Ion Ratio Lower Upper
83 100
85 62.1 49.9 74.9
127 9.0 6.6 10.0

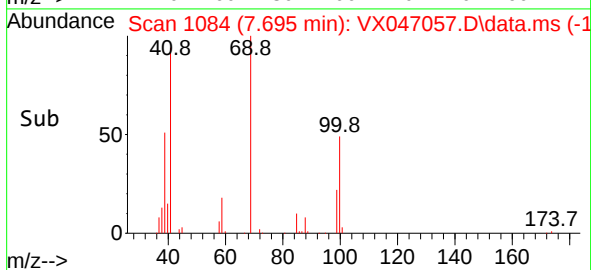
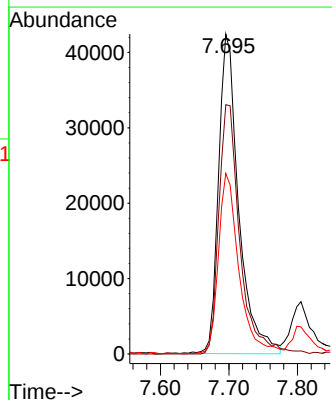
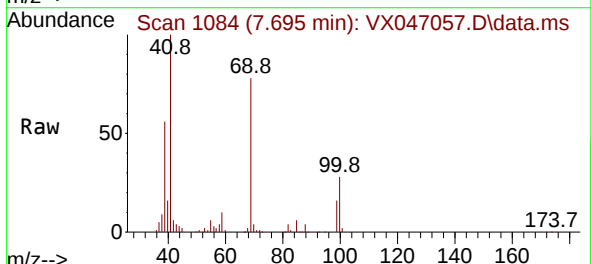
Manual Integrations
APPROVED

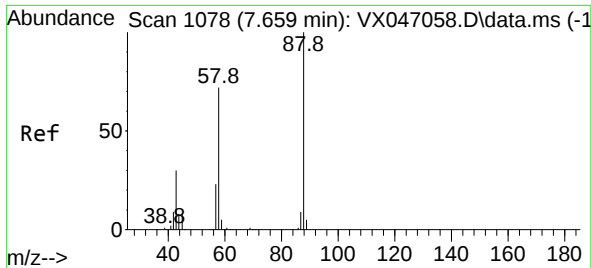
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#48
Methyl methacrylate
Concen: 19.269 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

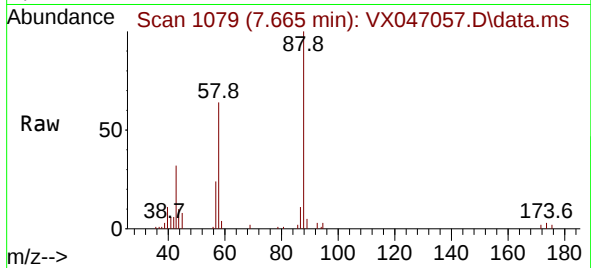
Tgt Ion: 41 Resp: 86386
Ion Ratio Lower Upper
41 100
69 81.4 62.3 93.5
39 57.8 44.8 67.2





#49
1,4-Dioxane
Concen: 422.133 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

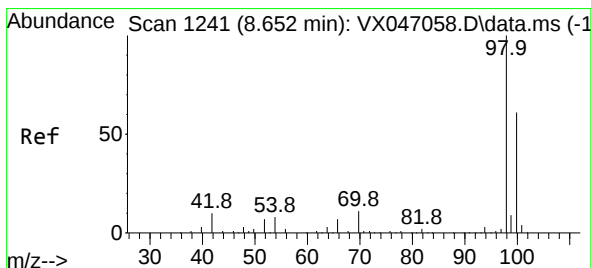
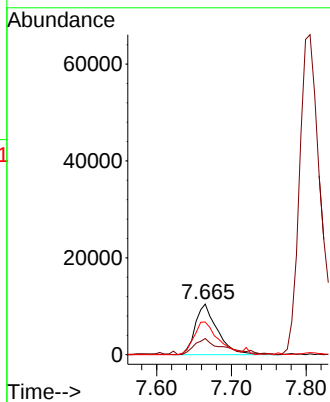
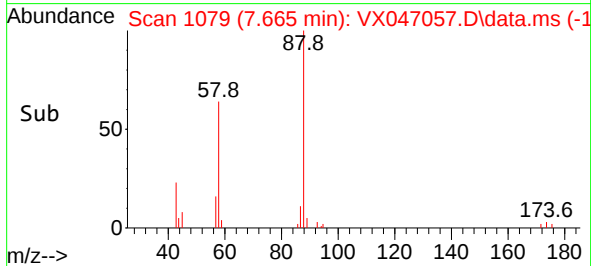
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 21524
Ion Ratio Lower Upper
88 100
43 42.4 33.6 50.4
58 69.9 58.8 88.2

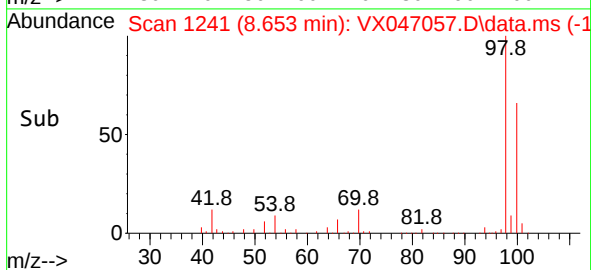
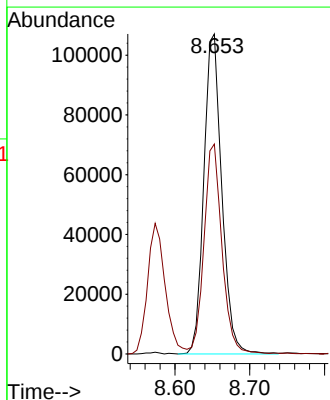
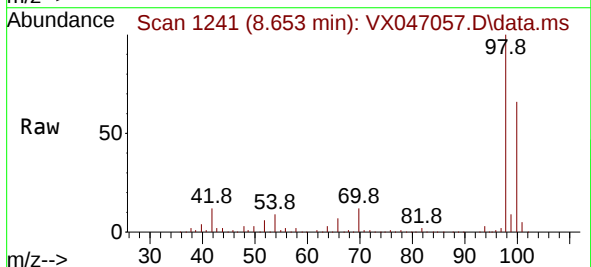
Manual Integrations
APPROVED

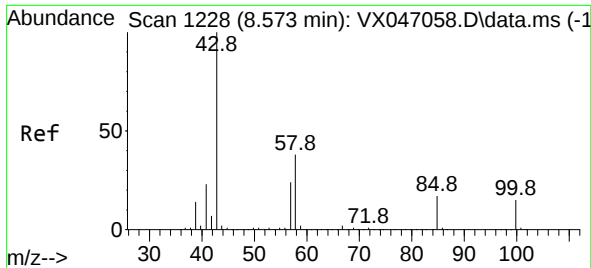
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#50
Toluene-d8
Concen: 16.431 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

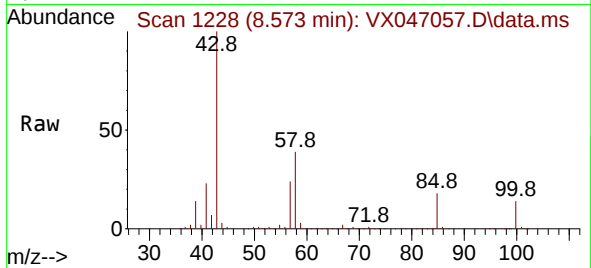
Tgt Ion: 98 Resp: 178825
Ion Ratio Lower Upper
98 100
100 65.1 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 104.532 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

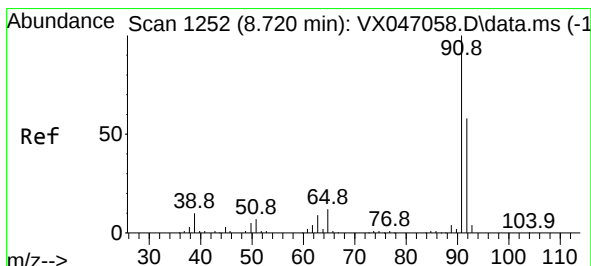
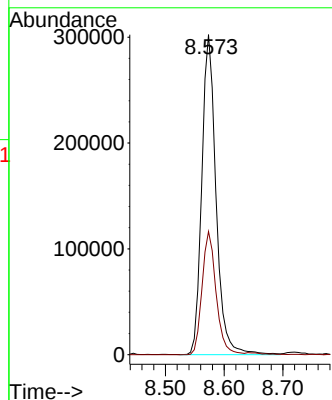
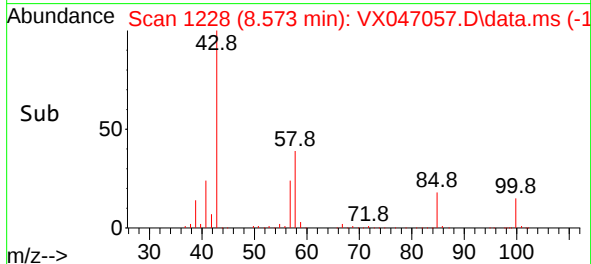
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



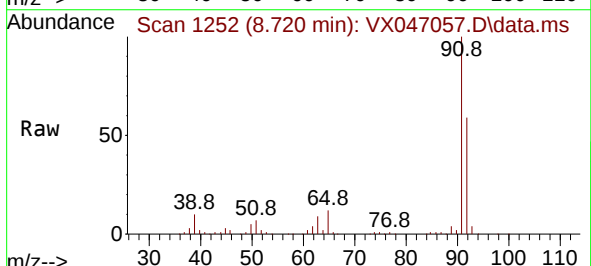
Tgt Ion: 43 Resp: 51130
Ion Ratio Lower Upper
43 100
58 37.8 30.6 45.8

Manual Integrations
APPROVED

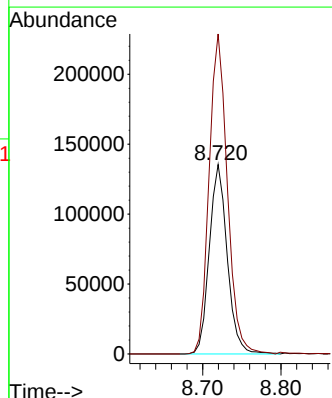
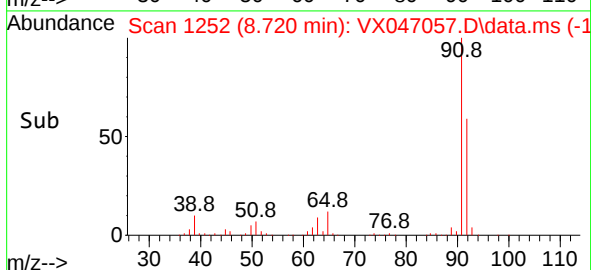
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

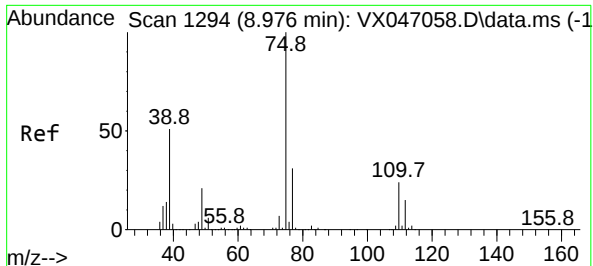


#52
Toluene
Concen: 21.087 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29



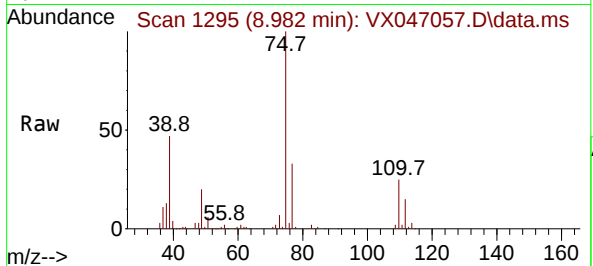
Tgt Ion: 92 Resp: 214955
Ion Ratio Lower Upper
92 100
91 172.1 137.9 206.9





#53
 t-1,3-Dichloropropene
 Concen: 20.311 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX047057.D
 Acq: 21 Jul 2025 10:29

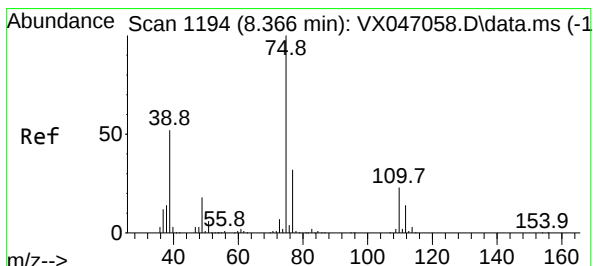
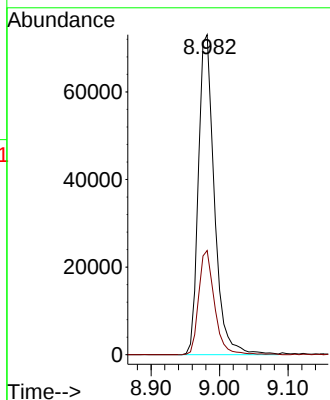
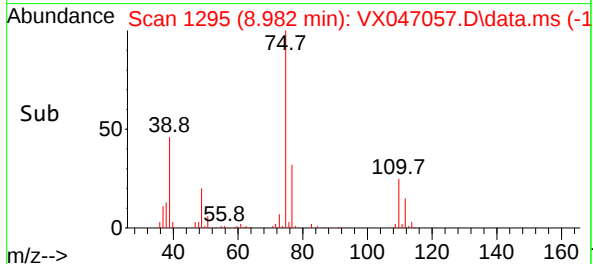
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



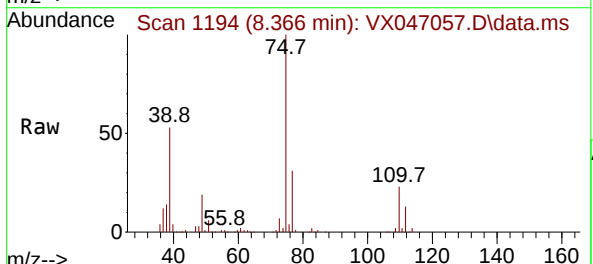
Tgt Ion: 75 Resp: 118872
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.5 36.7

Manual Integrations
 APPROVED

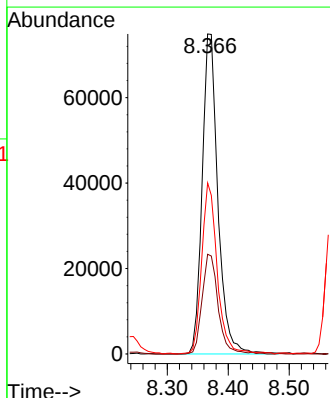
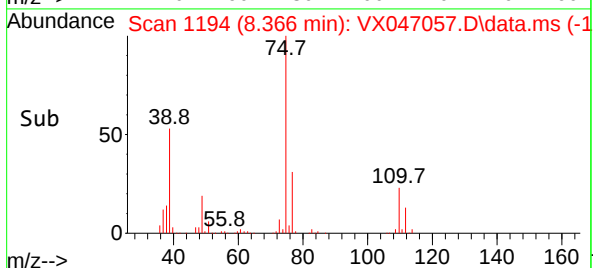
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

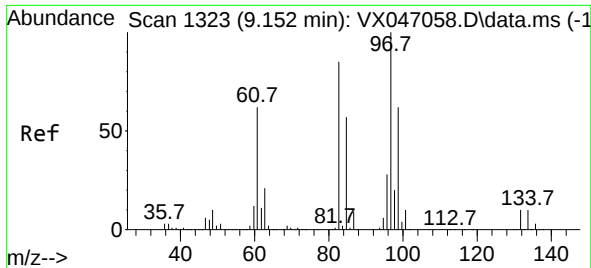


#54
 cis-1,3-Dichloropropene
 Concen: 21.011 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX047057.D
 Acq: 21 Jul 2025 10:29



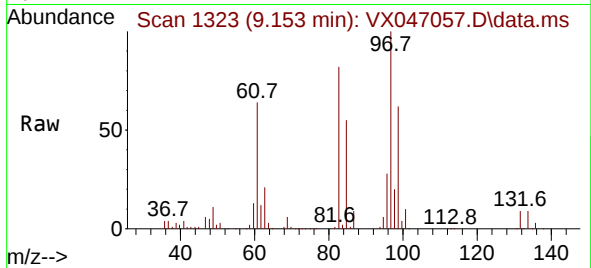
Tgt Ion: 75 Resp: 134587
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 53.5 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 21.224 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

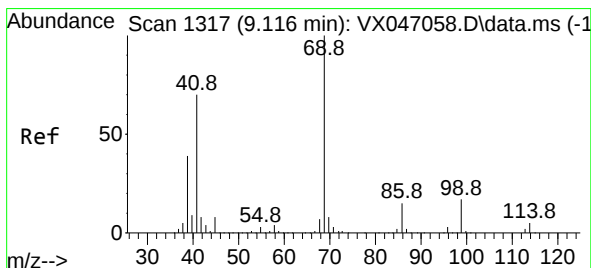
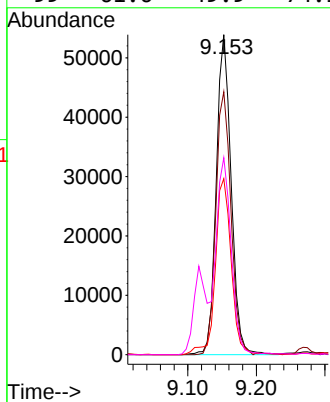
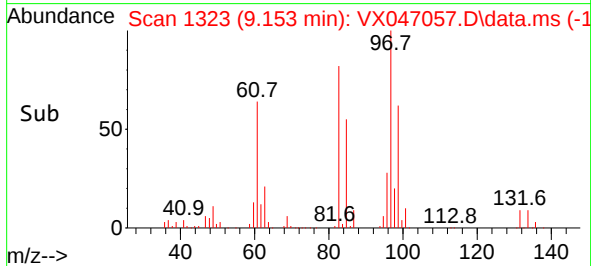
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.2	68.0	102.0
85	55.0	45.2	67.8
99	61.6	49.9	74.9

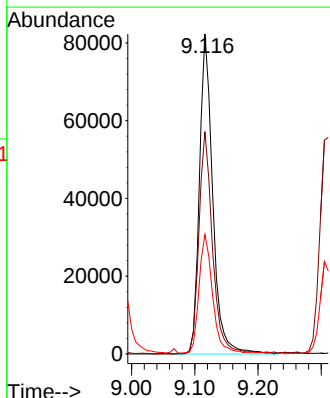
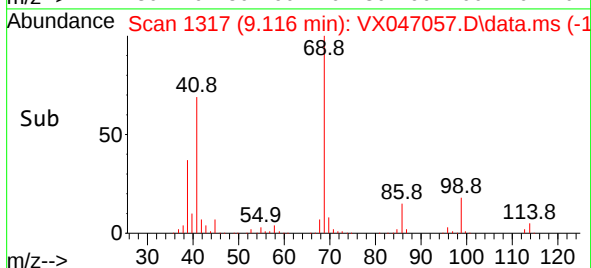
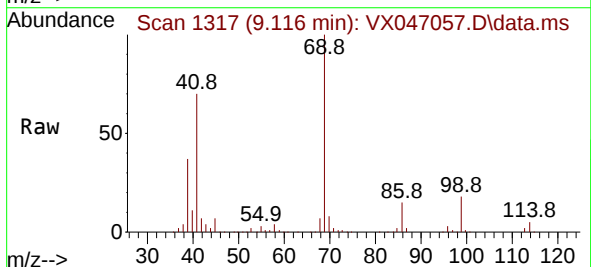
Manual Integrations
APPROVED

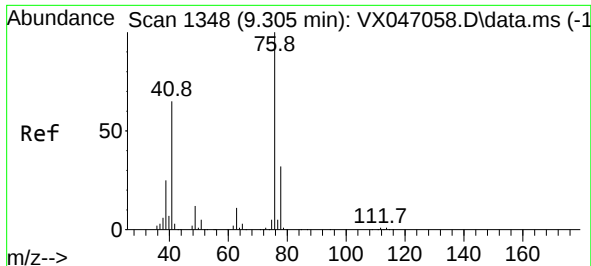
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#56
Ethyl methacrylate
Concen: 21.389 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.1	84.1
39	37.6	31.1	46.7





#57

1,3-Dichloropropane

Concen: 20.925 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 13903

Ion Ratio Lower Upper

76 100

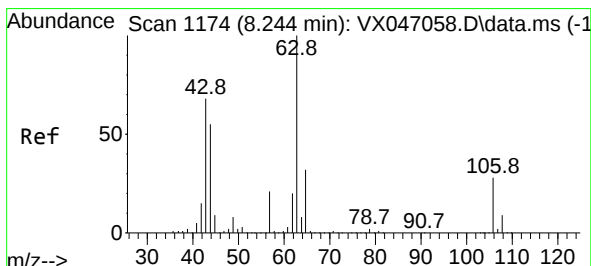
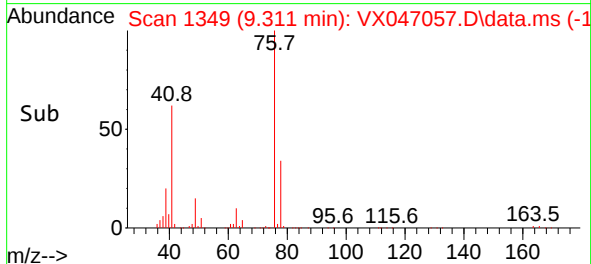
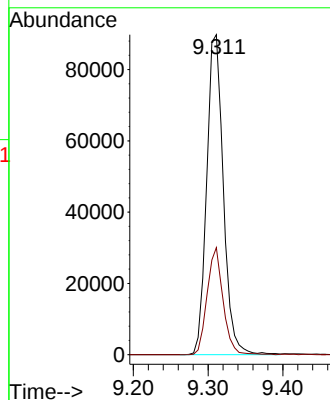
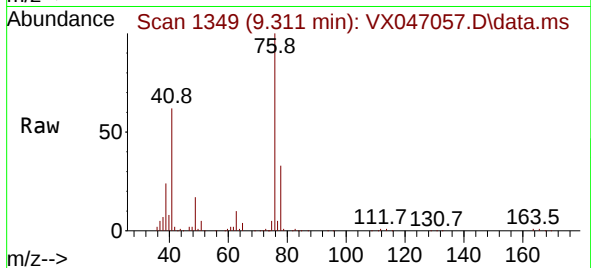
78 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#58

2-Chloroethyl Vinyl ether

Concen: 93.631 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047057.D

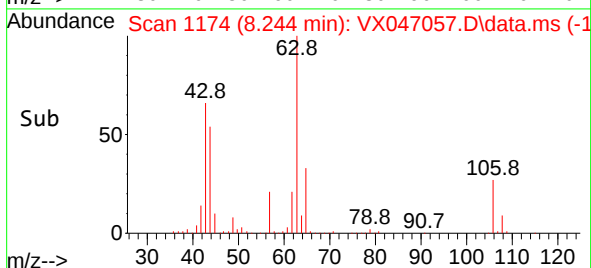
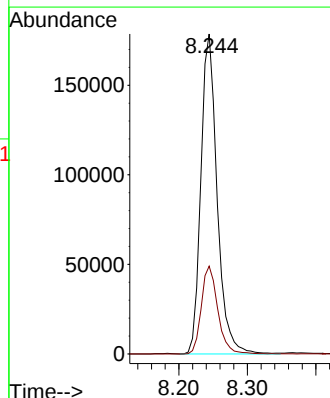
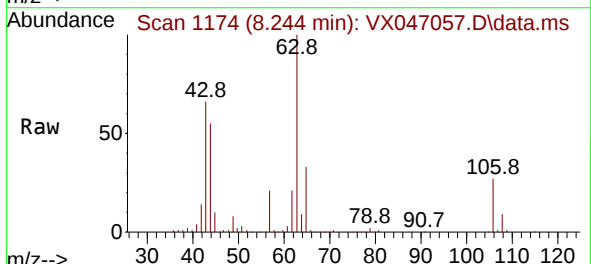
Acq: 21 Jul 2025 10:29

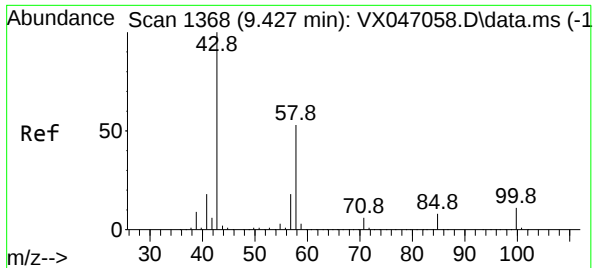
Tgt Ion: 63 Resp: 294878

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.4





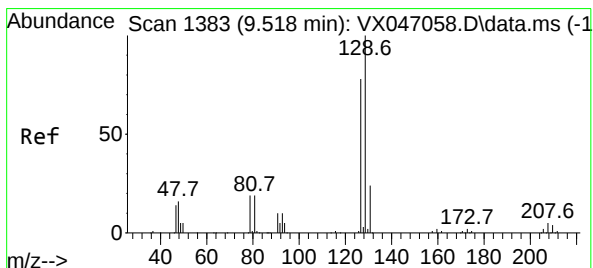
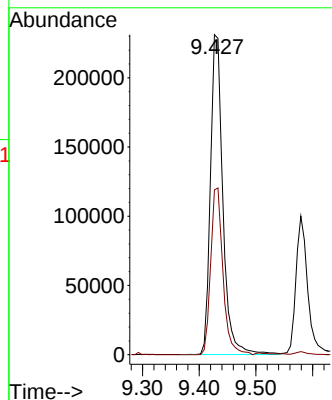
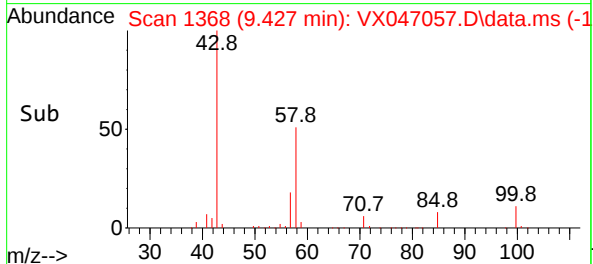
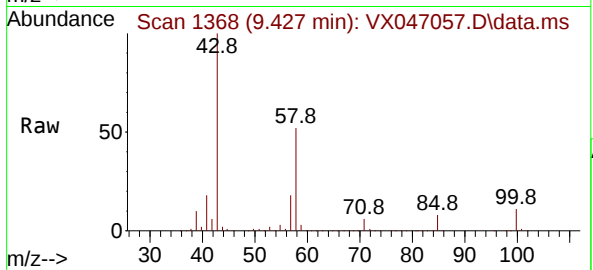
#59
2-Hexanone
Concen: 109.015 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 352298
Ion Ratio Lower Upper
43 100
58 51.2 26.5 79.5

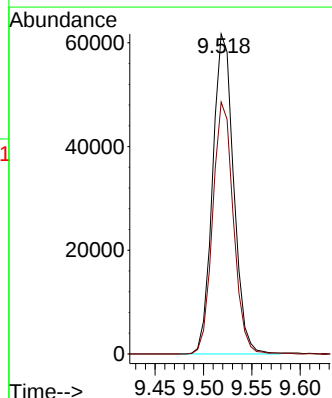
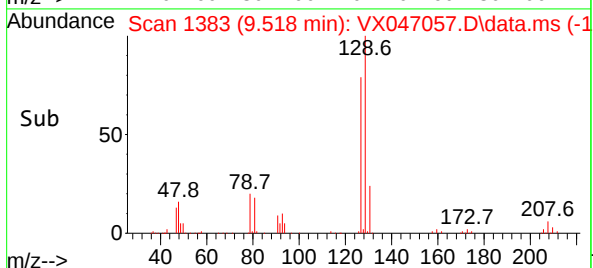
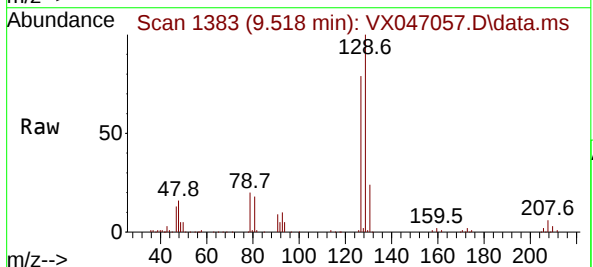
Manual Integrations
APPROVED

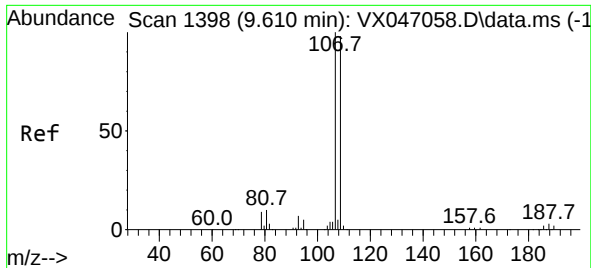
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#60
Dibromochloromethane
Concen: 20.779 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion:129 Resp: 93165
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





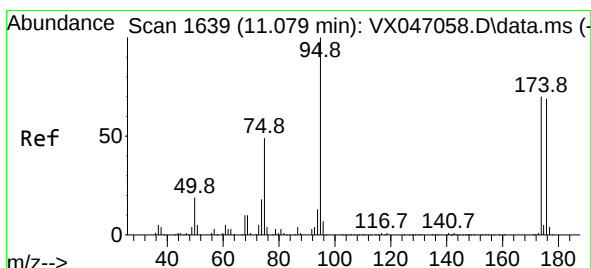
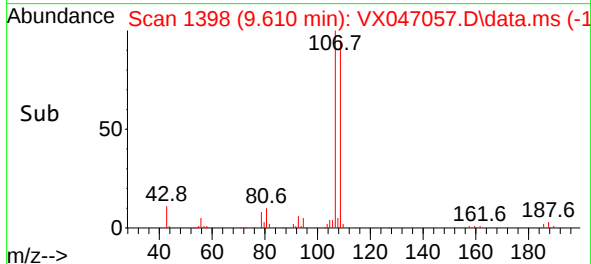
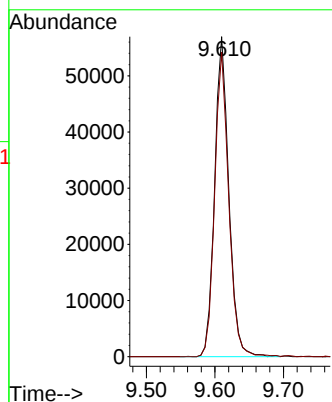
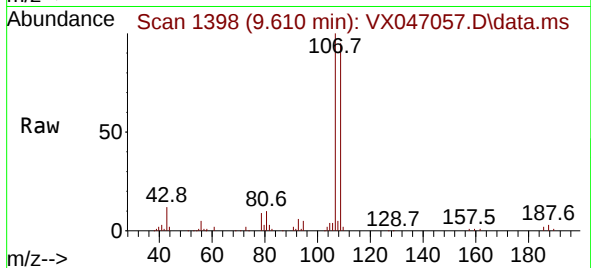
#61
1,2-Dibromoethane
Concen: 20.522 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 82035
Ion Ratio Lower Upper
107 100
109 94.4 74.6 112.0

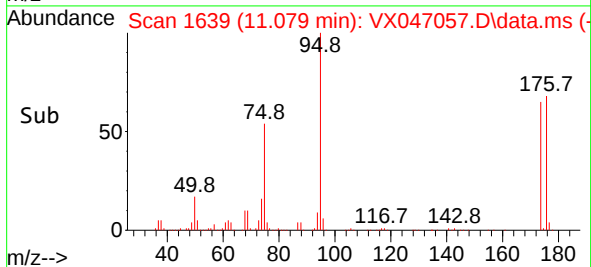
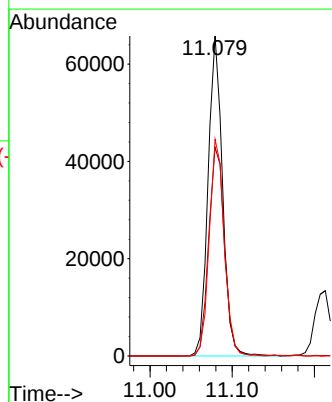
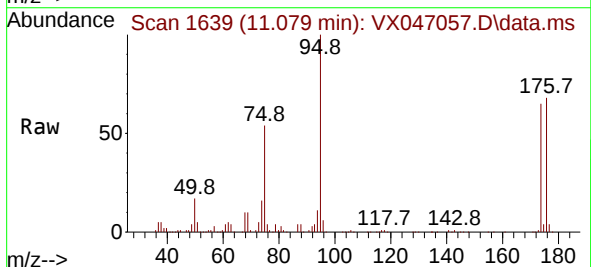
Manual Integrations
APPROVED

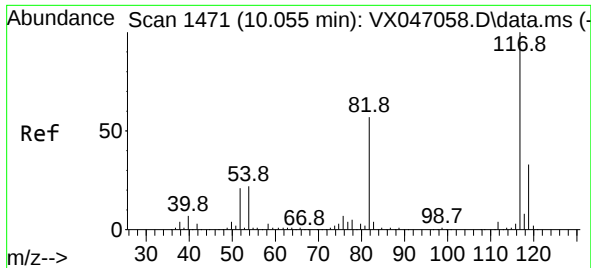
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#62
4-Bromofluorobenzene
Concen: 17.133 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

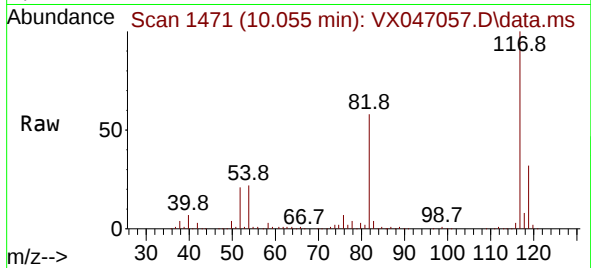
Tgt Ion: 95 Resp: 80359
Ion Ratio Lower Upper
95 100
174 71.2 0.0 144.6
176 70.0 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

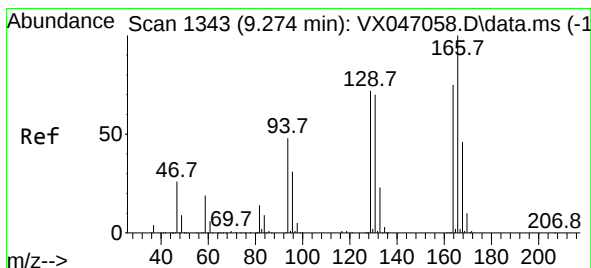
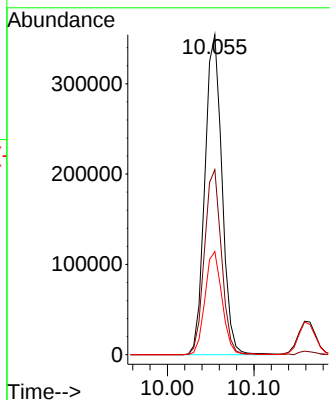
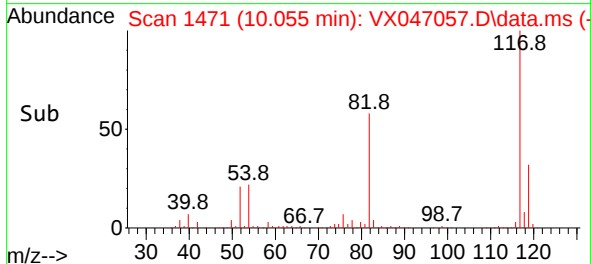
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 486572
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.2
119 32.2 26.1 39.1

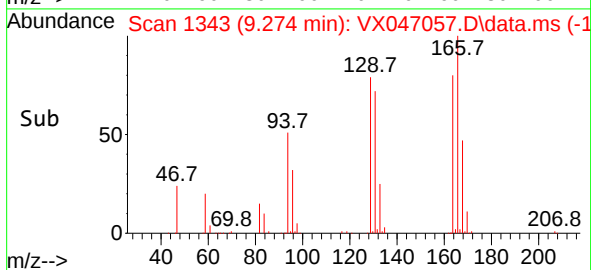
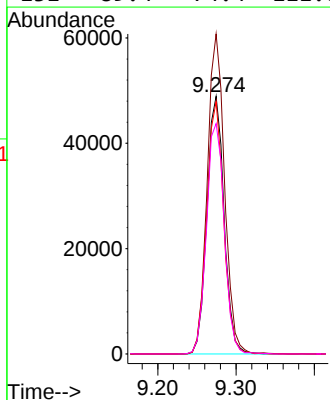
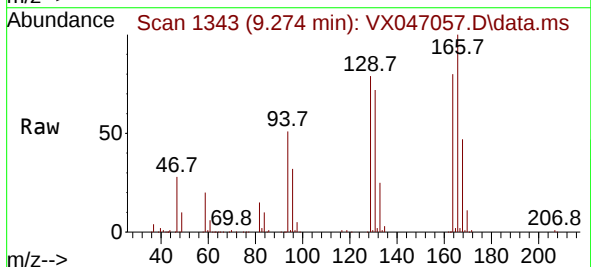
Manual Integrations
APPROVED

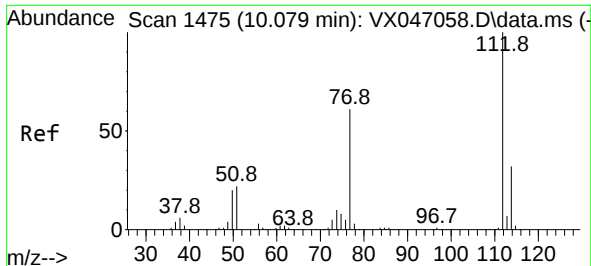
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#64
Tetrachloroethene
Concen: 21.147 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion:164 Resp: 74177
Ion Ratio Lower Upper
164 100
166 124.2 106.2 159.4
129 98.0 76.6 114.8
131 89.4 74.4 111.6





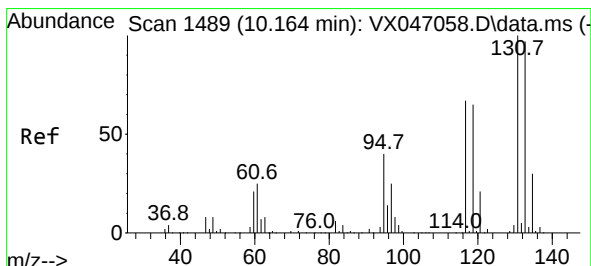
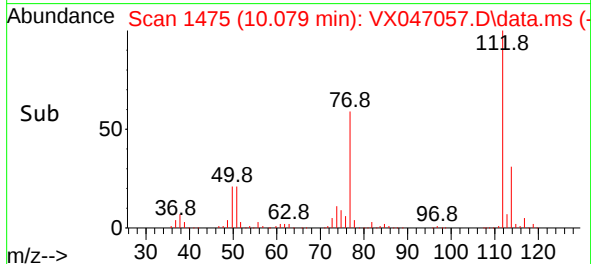
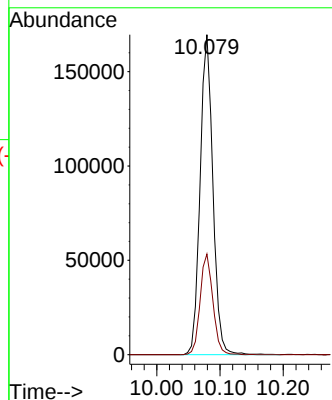
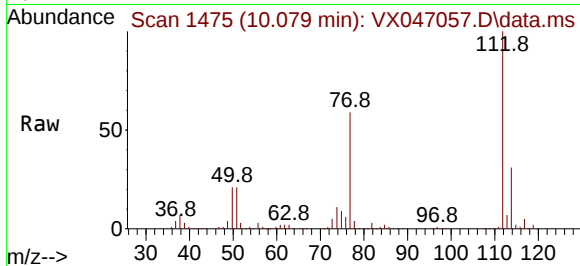
#65
Chlorobenzene
Concen: 20.917 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 238428
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

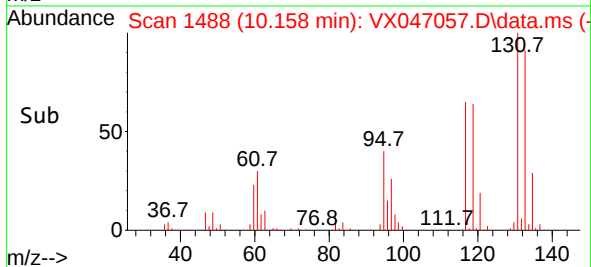
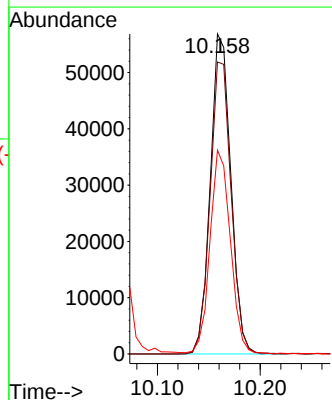
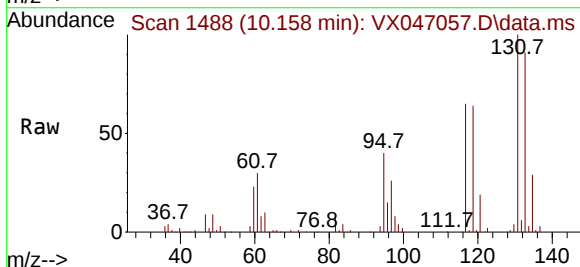
Manual Integrations
APPROVED

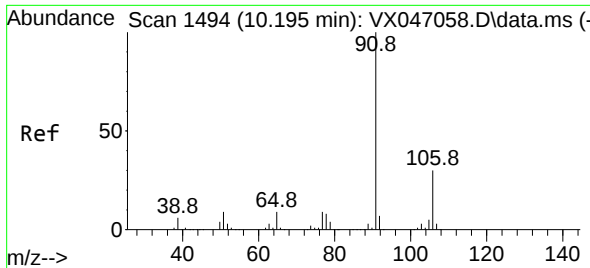
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.502 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

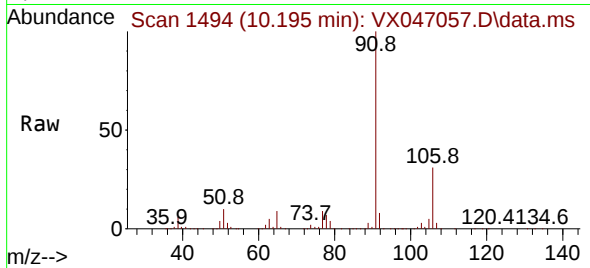
Tgt Ion:131 Resp: 78682
Ion Ratio Lower Upper
131 100
133 93.9 48.4 145.3
119 63.6 32.4 97.0





#67
Ethyl Benzene
Concen: 20.693 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

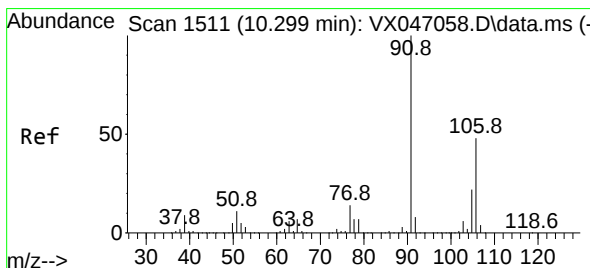
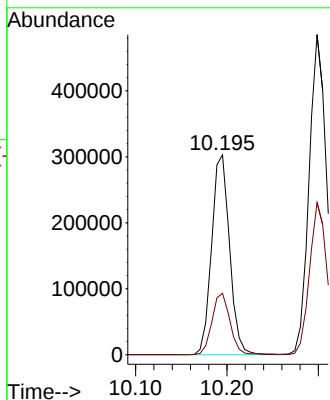
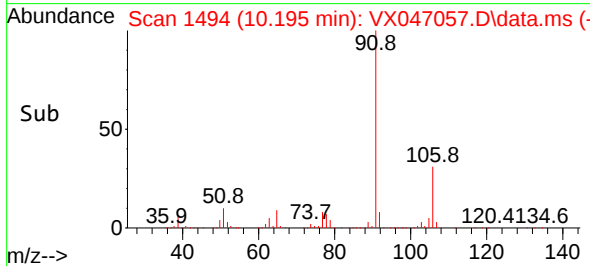
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



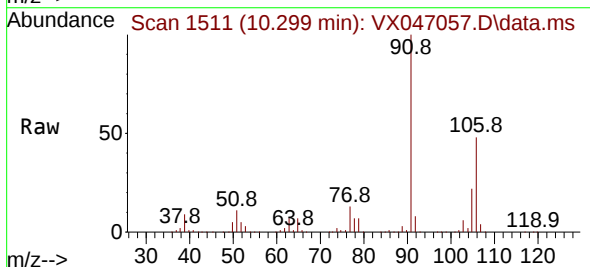
Tgt Ion: 91 Resp: 412412
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4

Manual Integrations
APPROVED

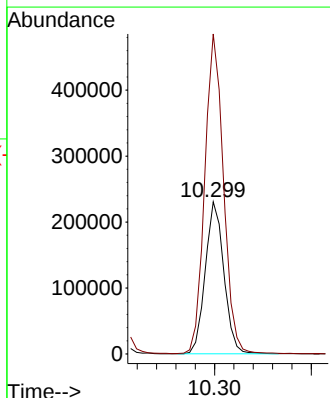
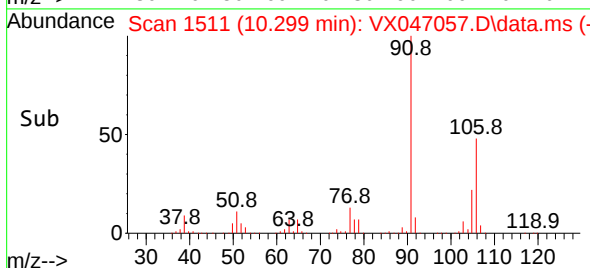
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

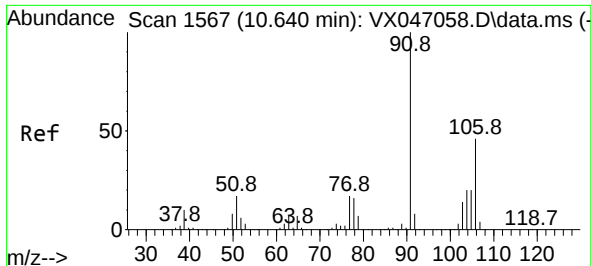


#68
m/p-Xylenes
Concen: 41.478 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29



Tgt Ion:106 Resp: 309353
Ion Ratio Lower Upper
106 100
91 212.6 167.4 251.0





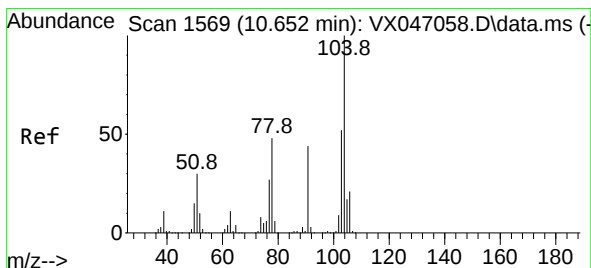
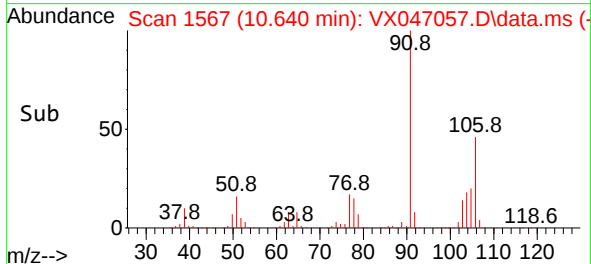
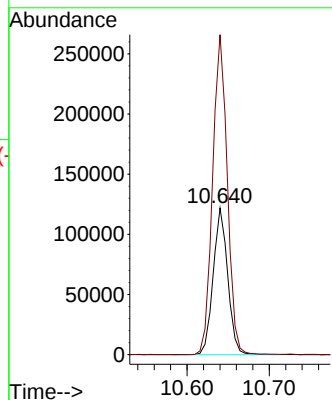
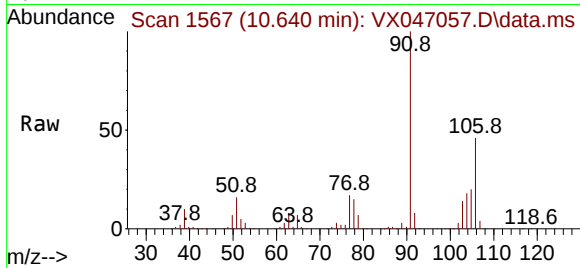
#69
o-Xylene
Concen: 21.083 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 149592
Ion Ratio Lower Upper
106 100
91 221.0 110.3 331.0

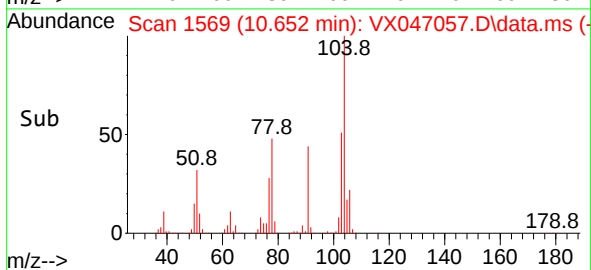
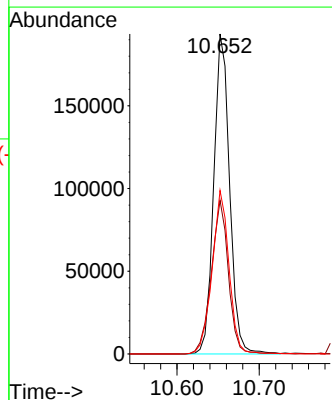
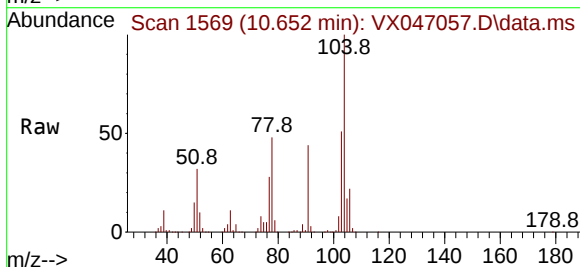
Manual Integrations
APPROVED

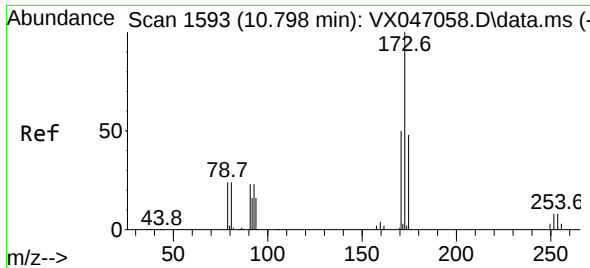
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#70
Styrene
Concen: 21.310 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

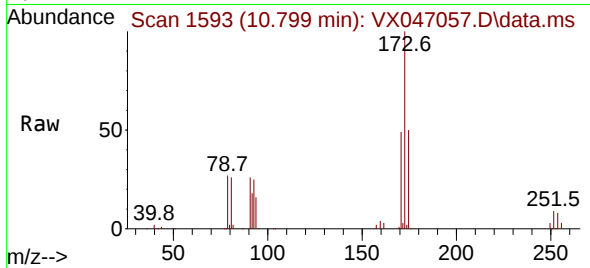
Tgt Ion:104 Resp: 259267
Ion Ratio Lower Upper
104 100
78 51.9 42.0 63.0
103 54.6 43.8 65.6





#71
Bromoform
Concen: 20.135 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

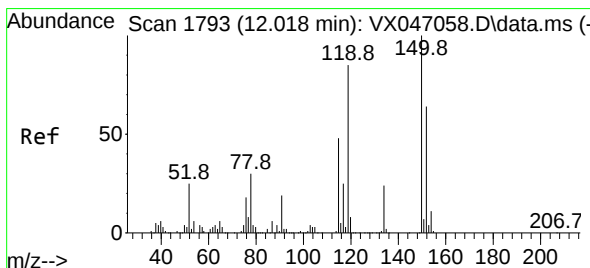
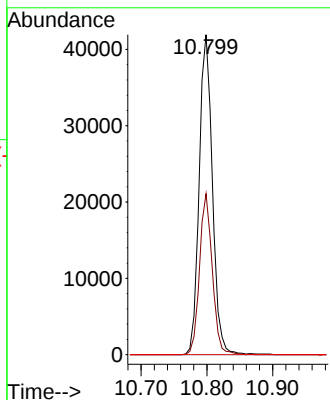
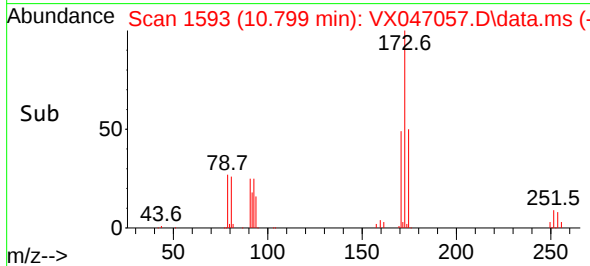
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



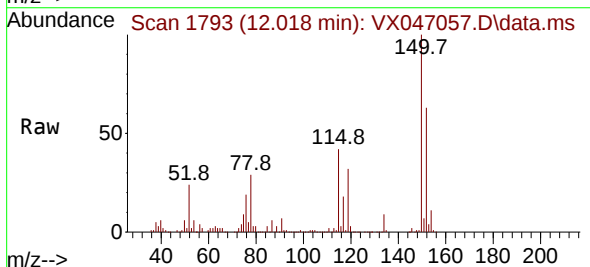
Tgt Ion:173 Resp: 58699
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

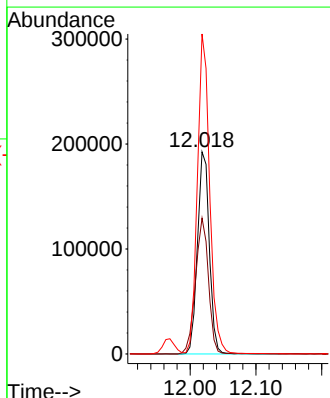
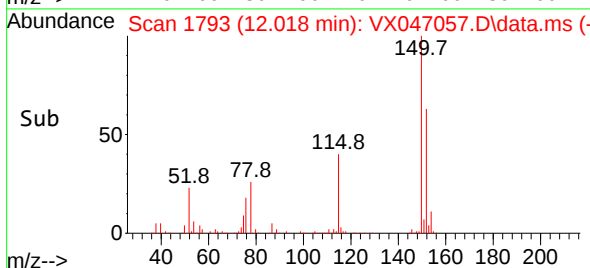
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

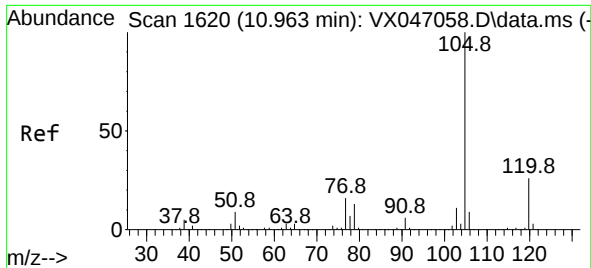


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29



Tgt Ion:152 Resp: 240632
Ion Ratio Lower Upper
152 100
115 73.2 45.6 136.7
150 163.9 0.0 354.6





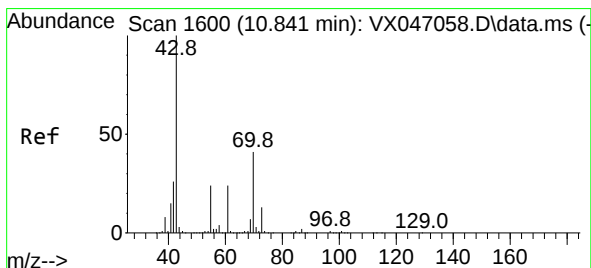
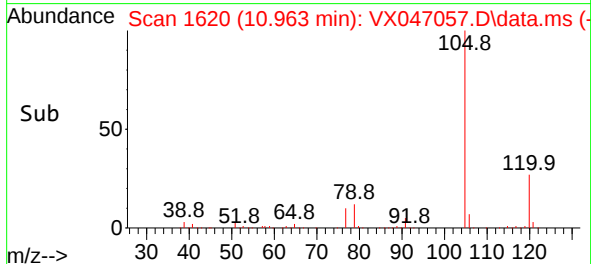
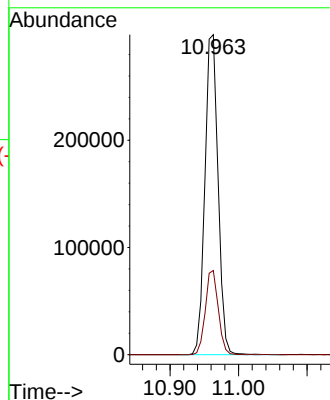
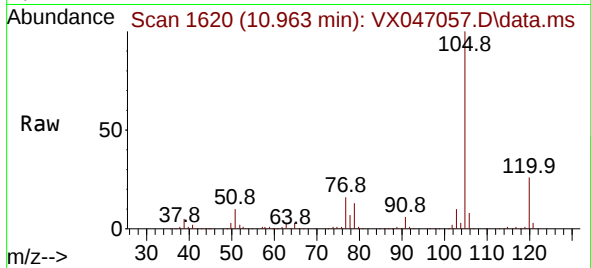
#73
Isopropylbenzene
Concen: 21.021 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 39907
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

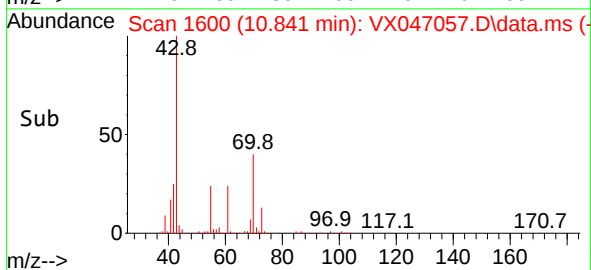
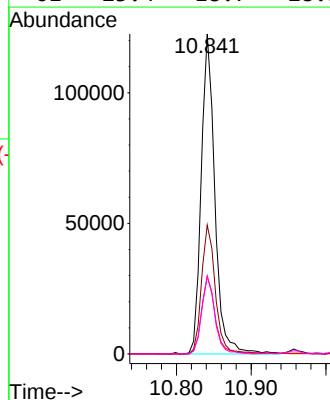
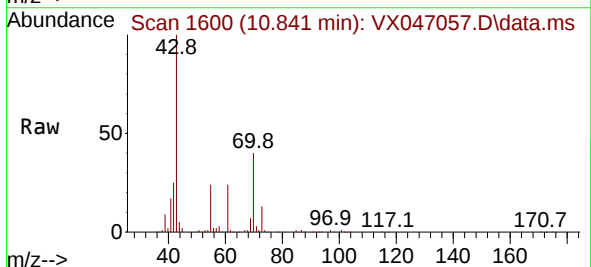
Manual Integrations
APPROVED

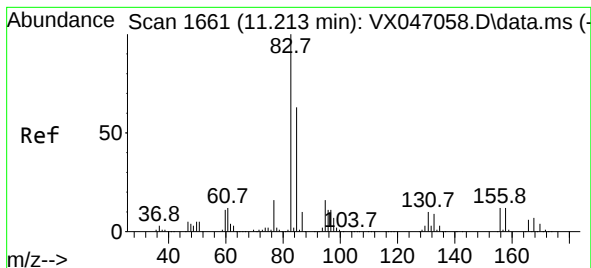
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#74
N-ethyl acetate
Concen: 20.558 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion: 43 Resp: 155675
Ion Ratio Lower Upper
43 100
70 41.1 32.3 48.5
55 24.5 18.9 28.3
61 23.4 18.7 28.1





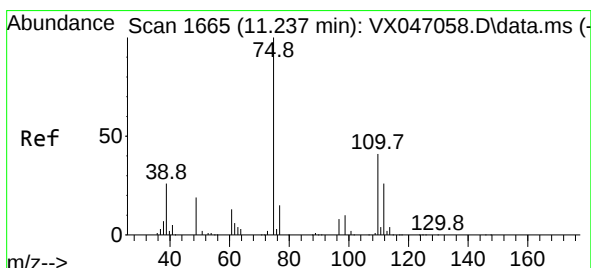
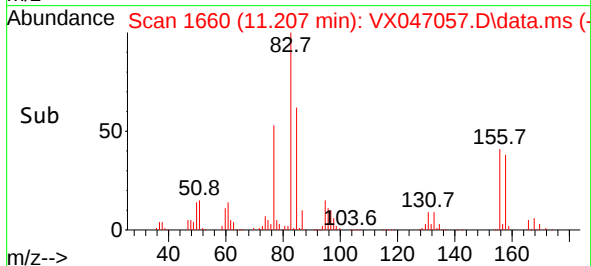
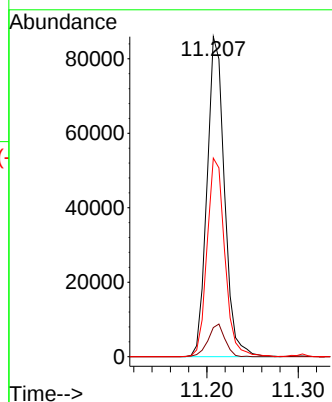
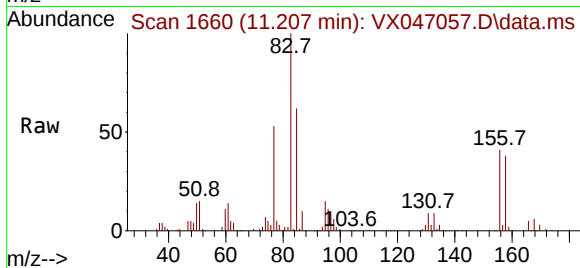
#75
1,1,2,2-Tetrachloroethane
Concen: 20.975 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 11374
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 63.1 32.0 96.2

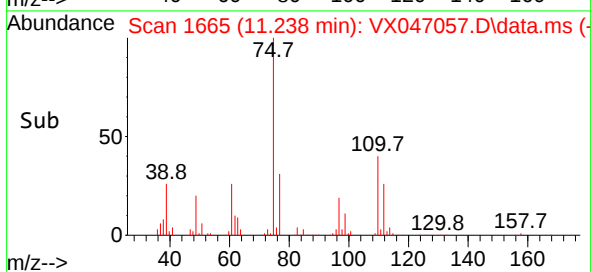
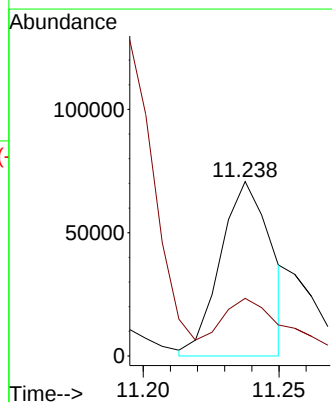
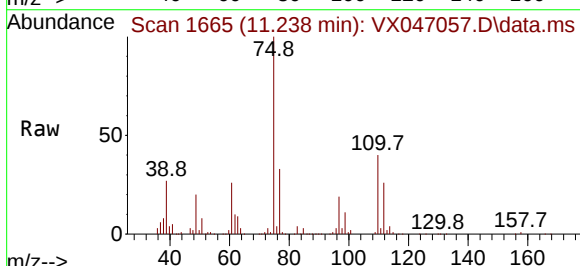
Manual Integrations
APPROVED

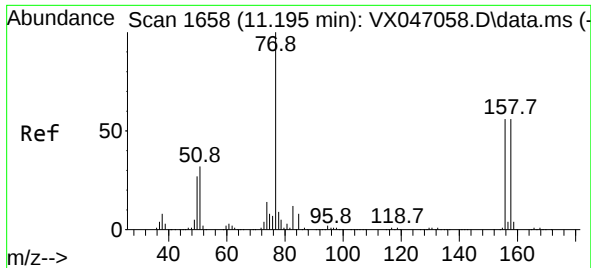
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#76
1,2,3-Trichloropropane
Concen: 20.656 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

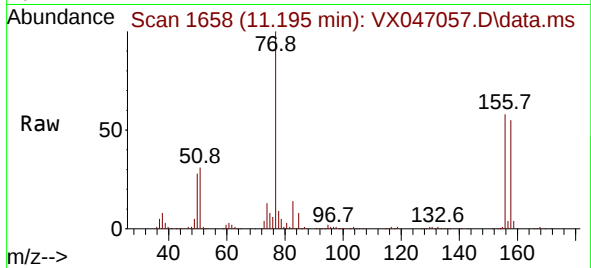
Tgt Ion: 75 Resp: 92003
Ion Ratio Lower Upper
75 100
77 43.2 21.6 65.0





#77
Bromobenzene
Concen: 21.073 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

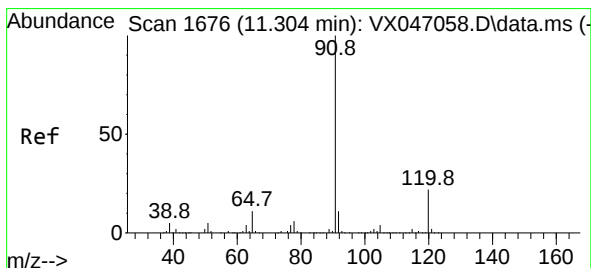
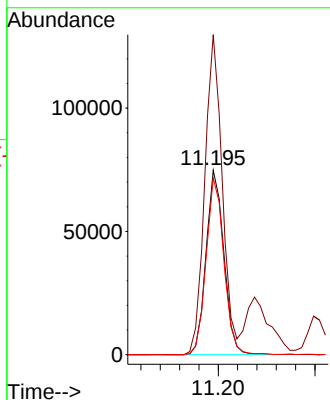
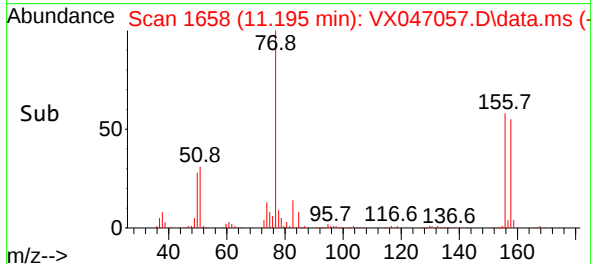
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:156 Resp: 9595
Ion Ratio Lower Upper
156 100
77 169.8 87.3 261.9
158 95.8 48.9 146.6

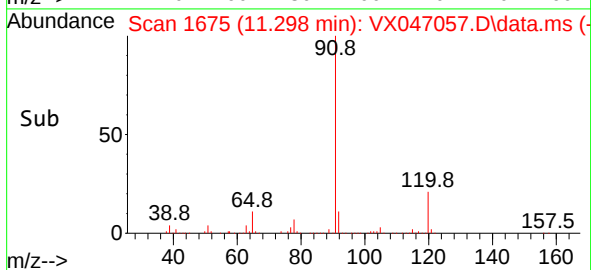
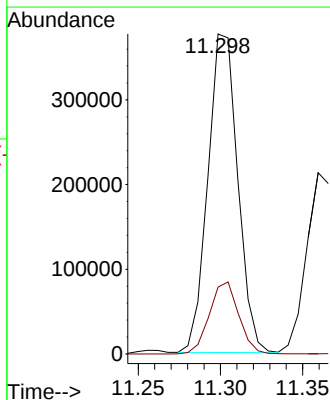
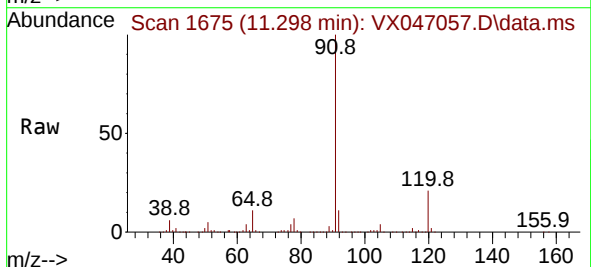
Manual Integrations
APPROVED

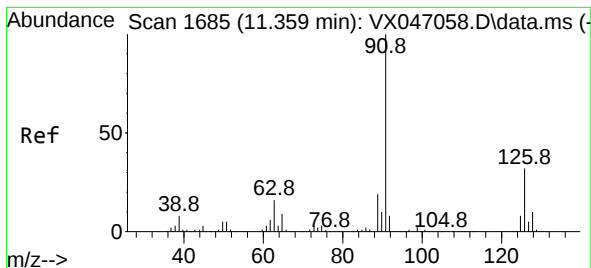
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#78
n-propylbenzene
Concen: 20.991 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion: 91 Resp: 476196
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





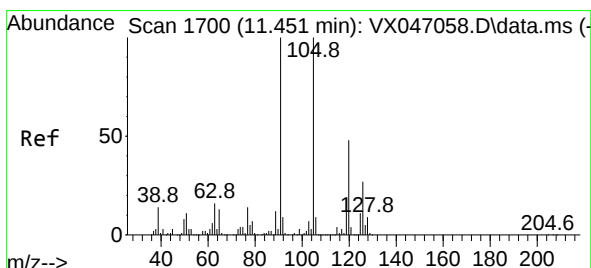
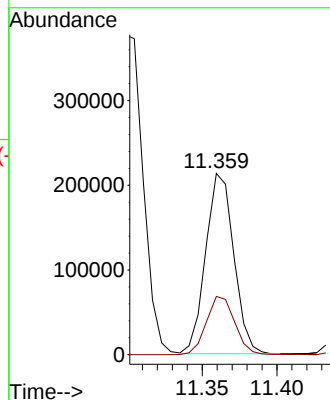
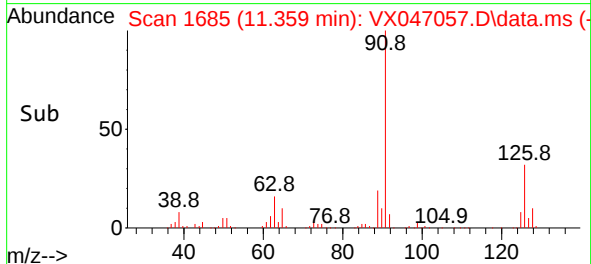
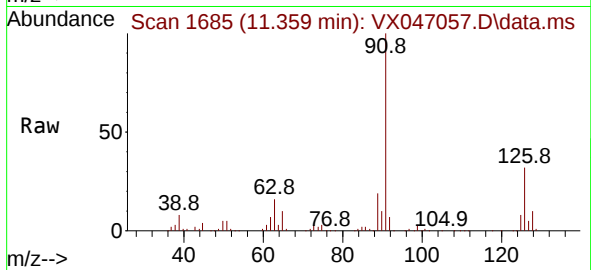
#79
2-Chlorotoluene
Concen: 20.545 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 278615
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4

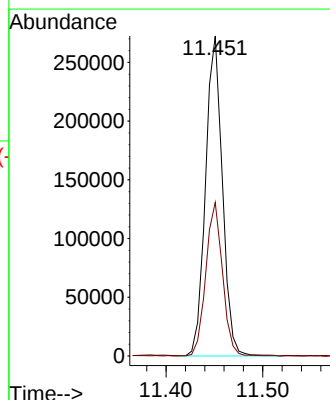
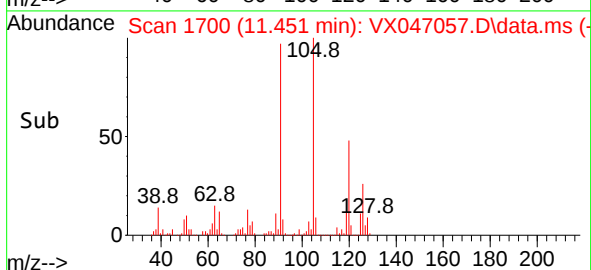
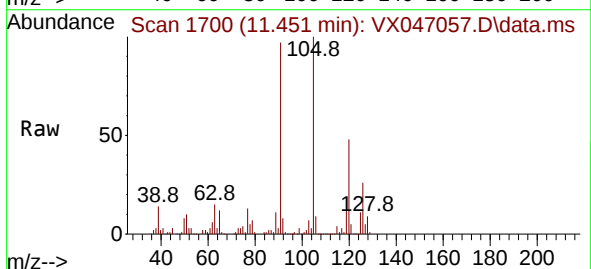
Manual Integrations
APPROVED

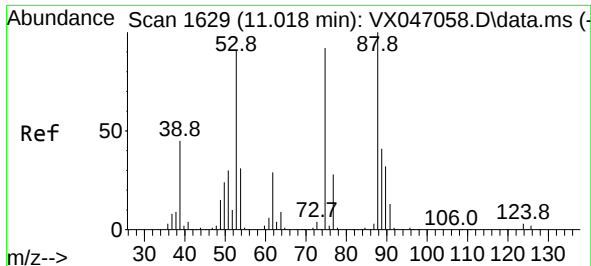
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.093 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion:105 Resp: 330824
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5





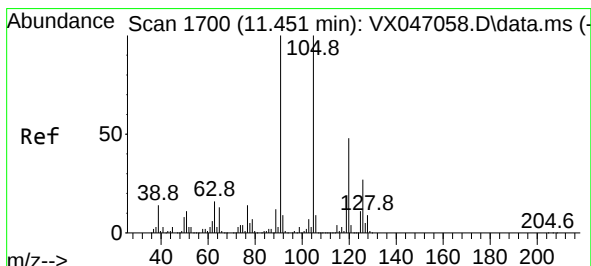
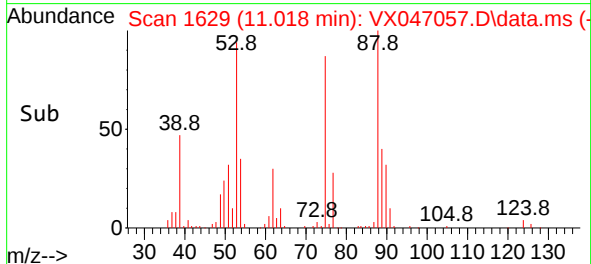
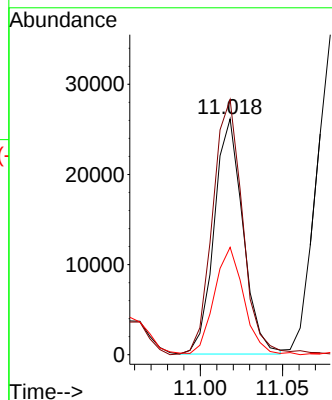
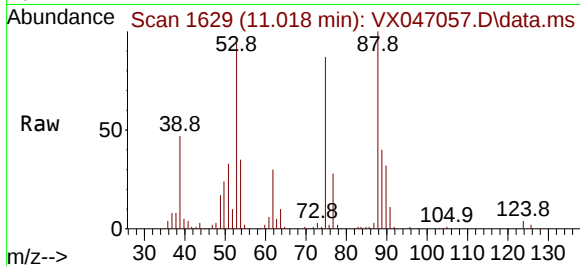
#81
trans-1,4-Dichloro-2-butene
Concen: 18.440 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 31878
Ion Ratio Lower Upper
75 100
53 113.5 84.2 126.4
89 46.7 36.0 54.0

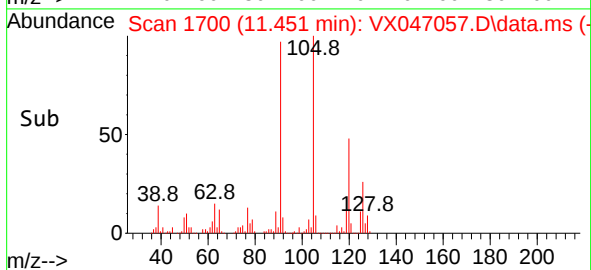
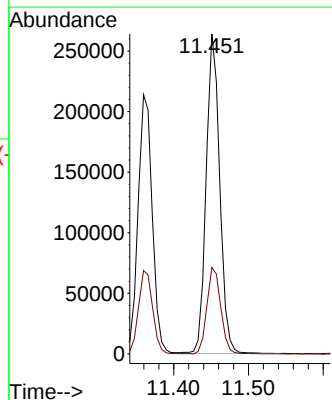
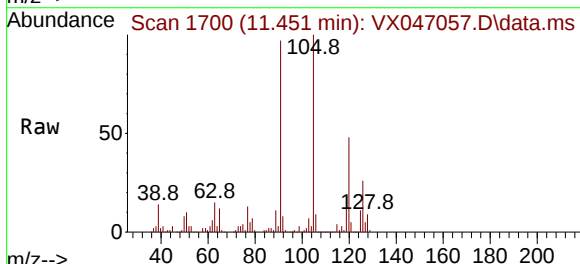
Manual Integrations
APPROVED

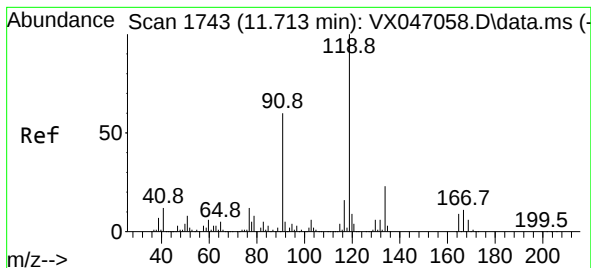
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#82
4-Chlorotoluene
Concen: 20.951 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Tgt Ion: 91 Resp: 331629
Ion Ratio Lower Upper
91 100
126 27.9 14.1 42.3





#83

tert-Butylbenzene

Concen: 20.571 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:119 Resp: 323819

Ion Ratio Lower Upper

119 100

91 59.9 29.6 88.8

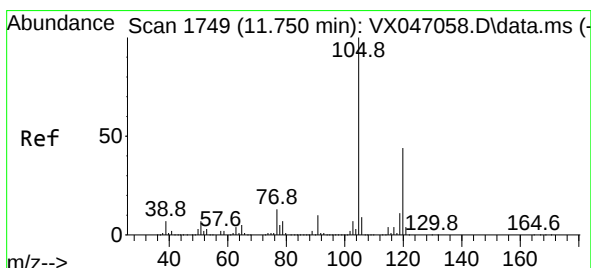
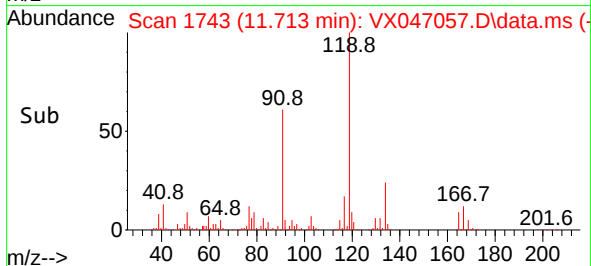
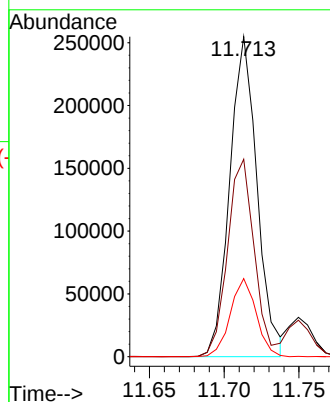
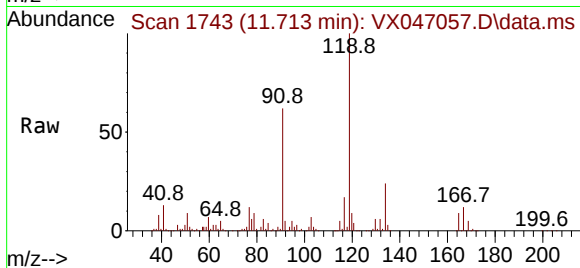
134 23.2 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#84

1,2,4-Trimethylbenzene

Concen: 21.010 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047057.D

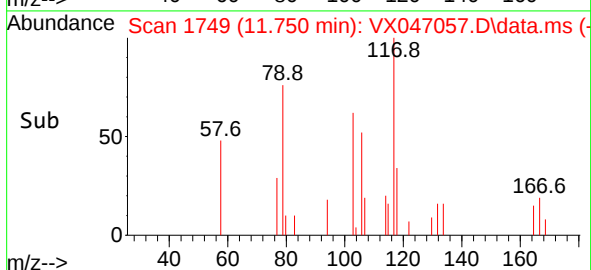
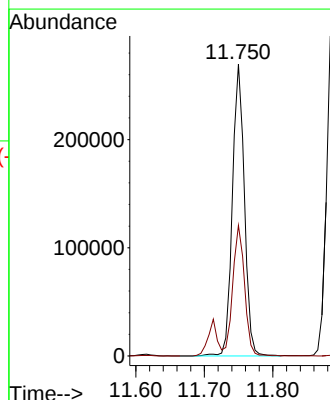
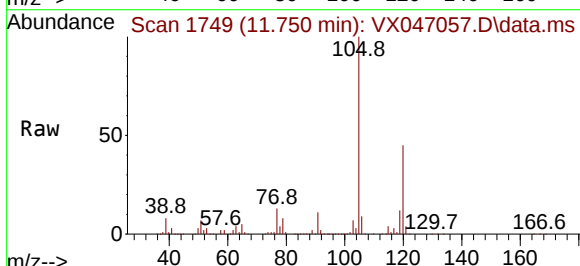
Acq: 21 Jul 2025 10:29

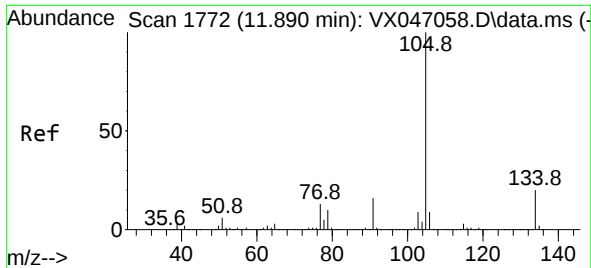
Tgt Ion:105 Resp: 328672

Ion Ratio Lower Upper

105 100

120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 20.892 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047057.D
 Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

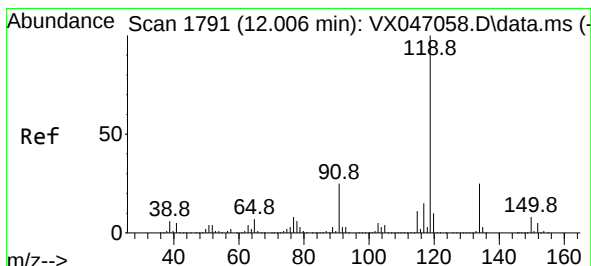
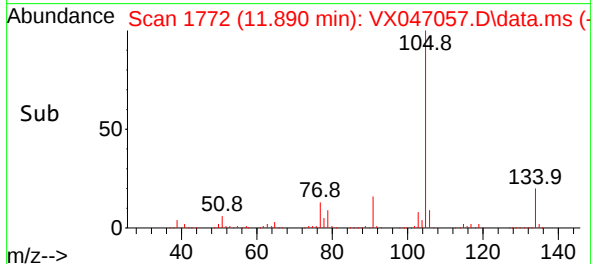
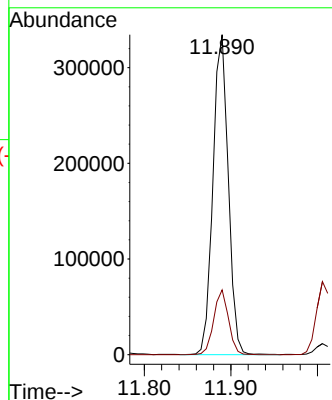
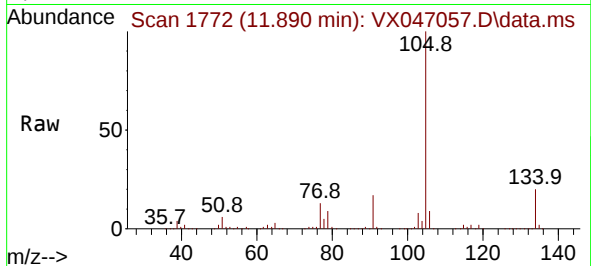
VSTDICC020

Tgt Ion:105 Resp: 410930
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7

Manual Integrations

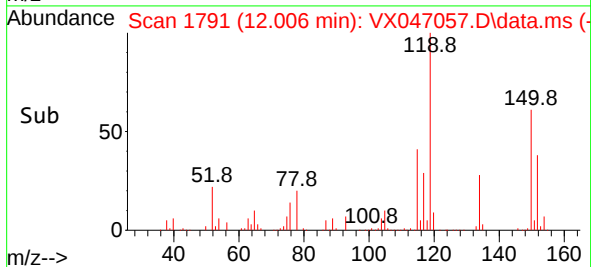
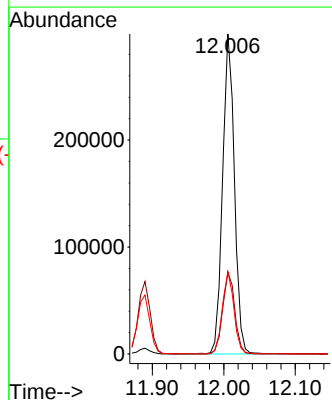
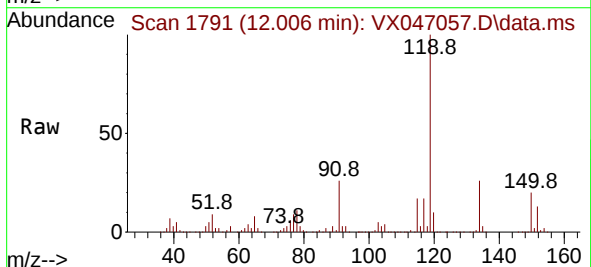
APPROVED

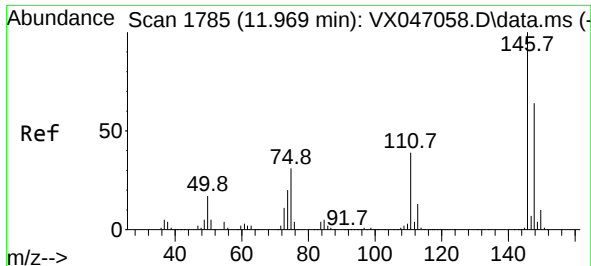
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#86
 p-Isopropyltoluene
 Concen: 21.065 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047057.D
 Acq: 21 Jul 2025 10:29

Tgt Ion:119 Resp: 343591
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.4
 91 25.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.789 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 17986

Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

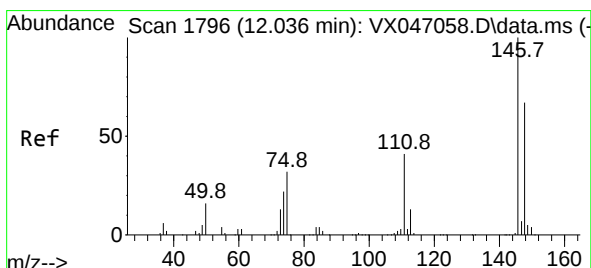
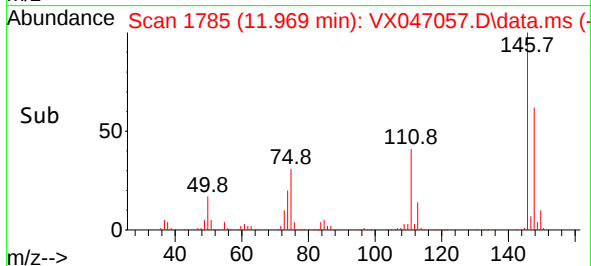
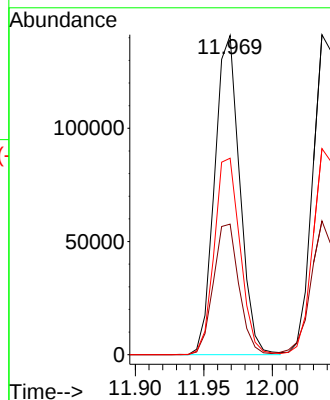
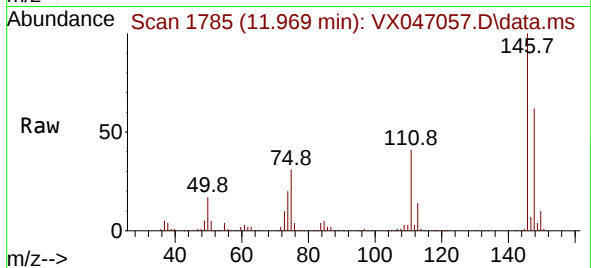
148 63.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#88

1,4-Dichlorobenzene

Concen: 20.897 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047057.D

Acq: 21 Jul 2025 10:29

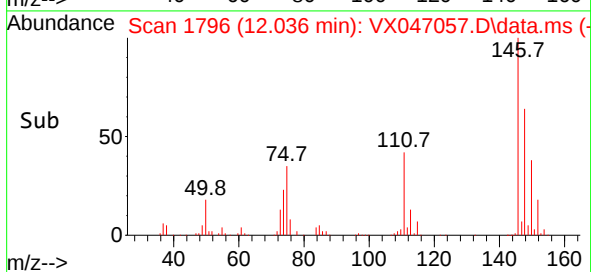
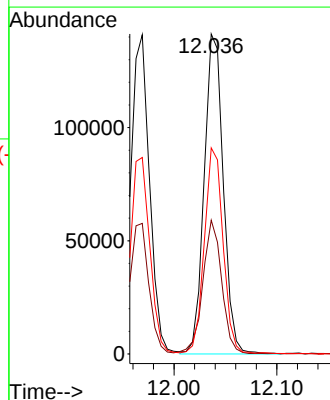
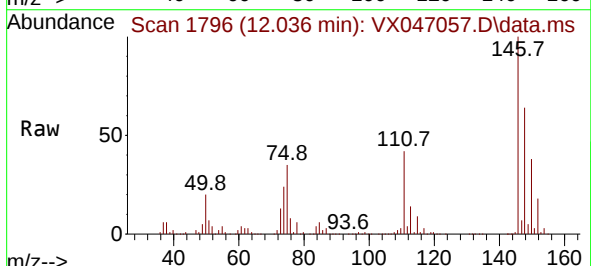
Tgt Ion:146 Resp: 183173

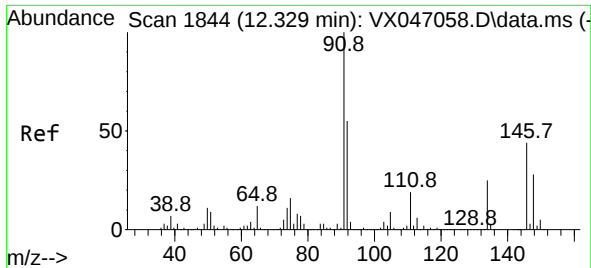
Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.9

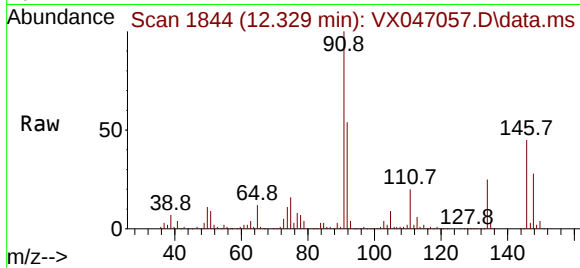
148 63.3 33.0 98.9





#89
n-Butylbenzene
Concen: 20.916 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

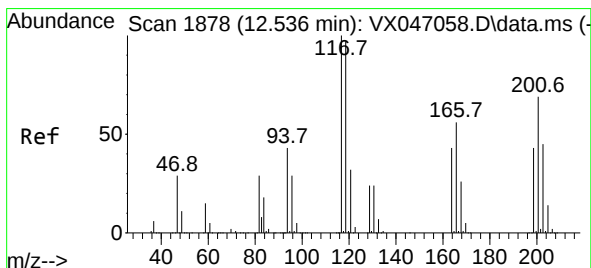
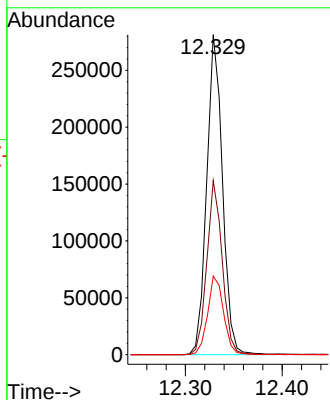
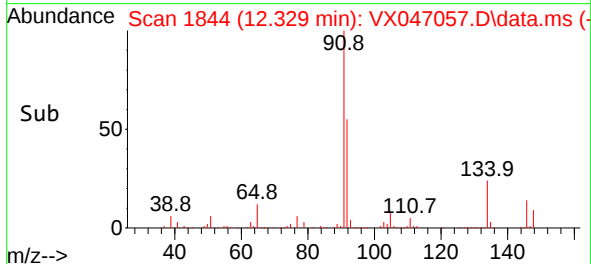
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 319940
Ion Ratio Lower Upper
91 100
92 53.1 27.5 82.5
134 25.0 12.8 38.3

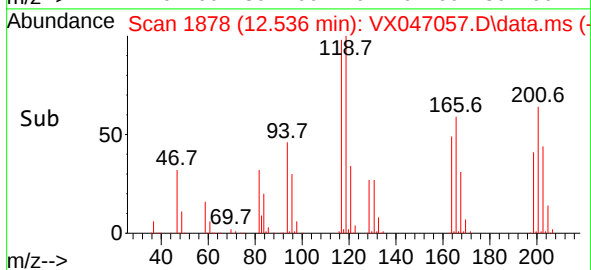
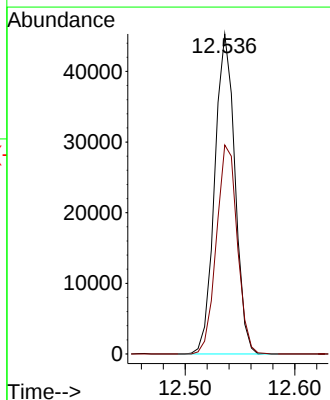
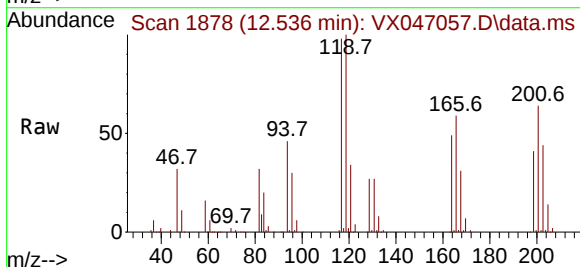
Manual Integrations
APPROVED

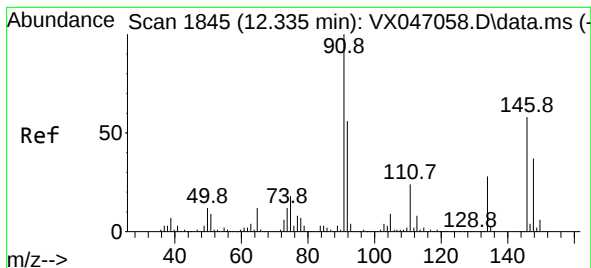
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#90
Hexachloroethane
Concen: 19.896 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

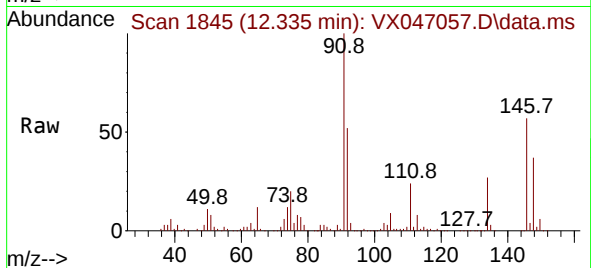
Tgt Ion:117 Resp: 58057
Ion Ratio Lower Upper
117 100
201 67.5 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 20.528 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

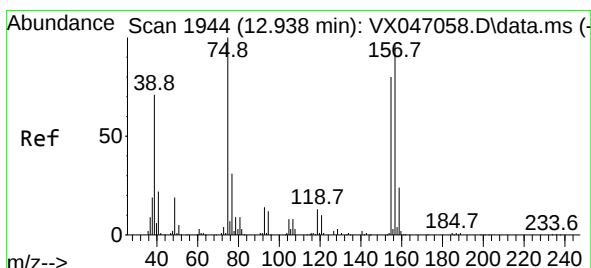
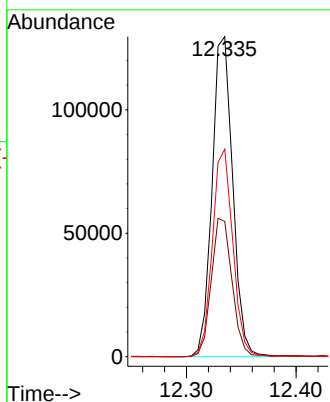
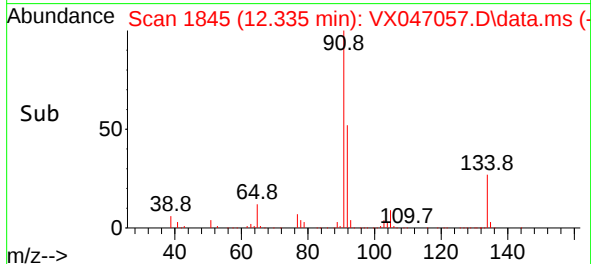
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



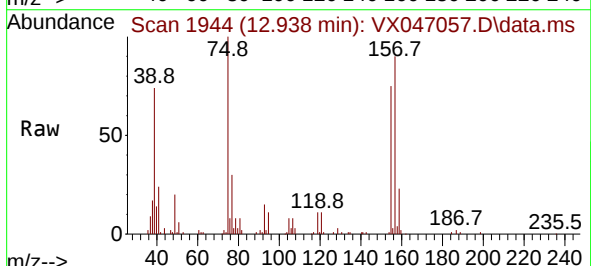
Tgt Ion:146 Resp: 169749
Ion Ratio Lower Upper
146 100
111 43.9 21.6 64.6
148 64.8 31.9 95.7

Manual Integrations
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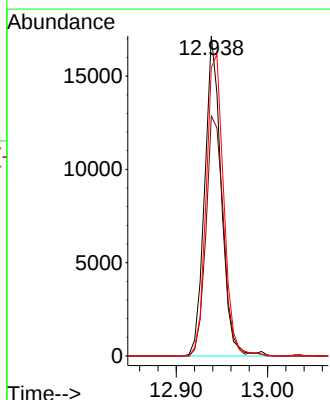
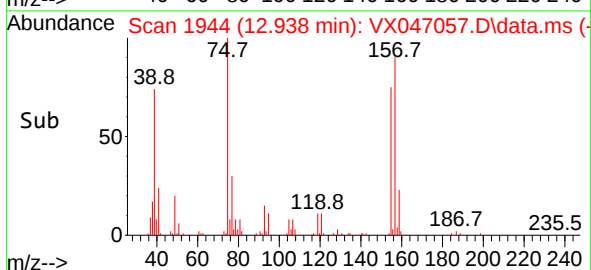
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

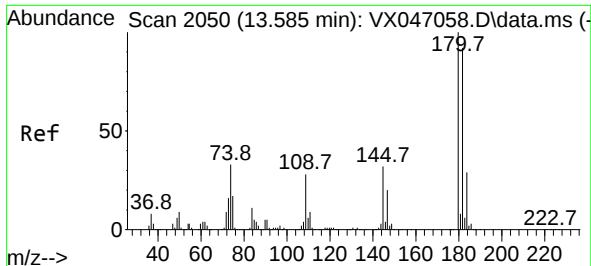


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.585 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29



Tgt Ion: 75 Resp: 21427
Ion Ratio Lower Upper
75 100
155 79.9 41.3 124.1
157 99.9 52.8 158.3





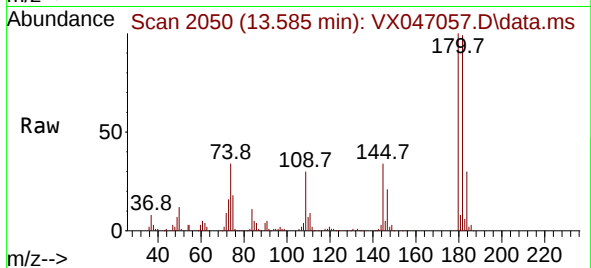
#93
1,2,4-Trichlorobenzene
Concen: 20.413 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



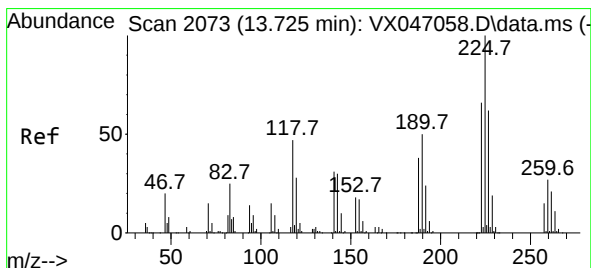
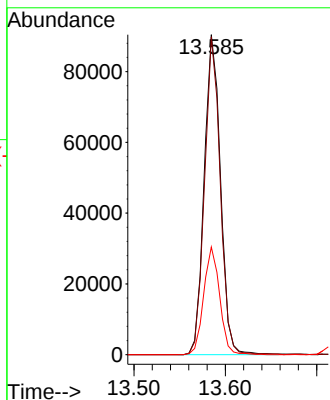
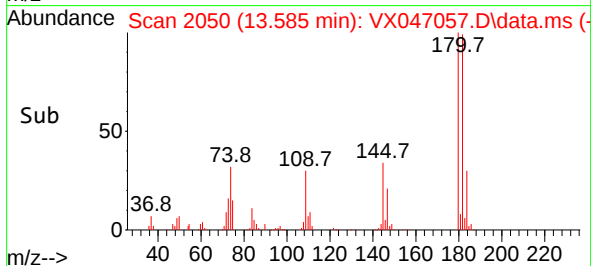
Tgt Ion:180 Resp: 11152
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.8
145 33.0 16.4 49.1

Manual Integrations

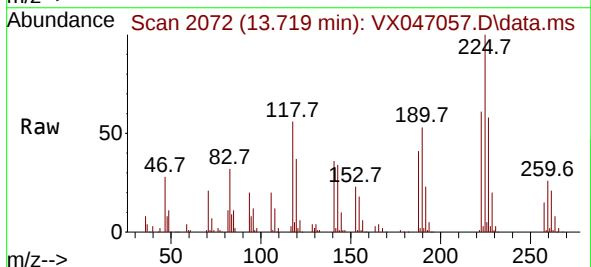
APPROVED

Reviewed By :John Carlone 07/22/2025

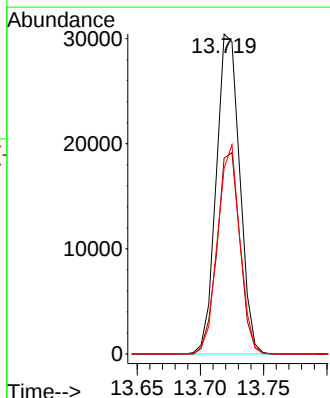
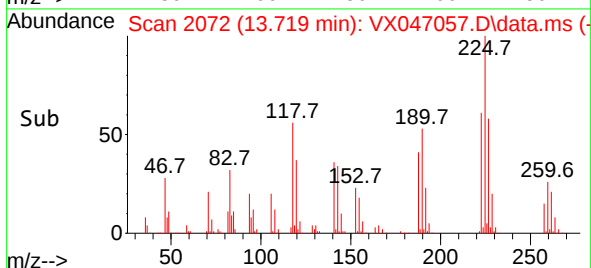
Supervised By :Mahesh Dadoda 07/22/2025

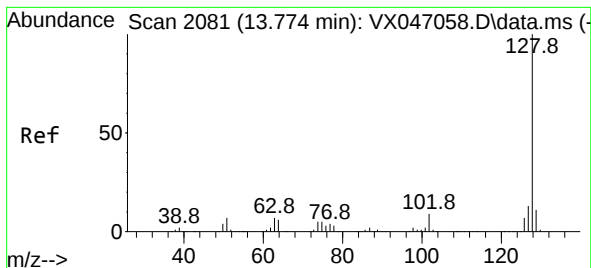


#94
Hexachlorobutadiene
Concen: 21.090 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29



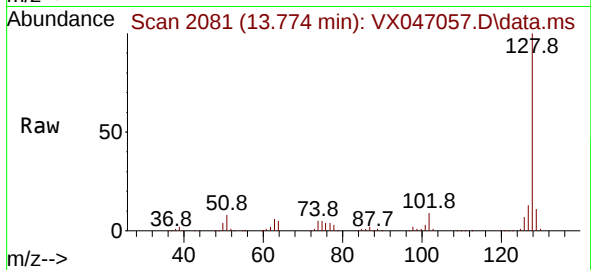
Tgt Ion:225 Resp: 39186
Ion Ratio Lower Upper
225 100
223 61.5 31.6 95.0
227 62.0 32.9 98.6





#95
Naphthalene
Concen: 20.581 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29

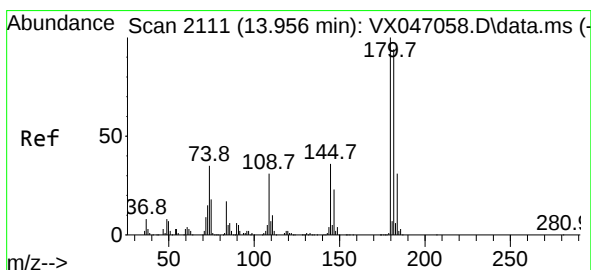
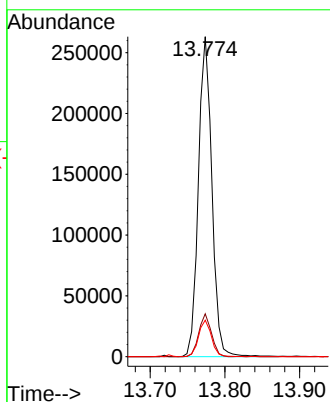
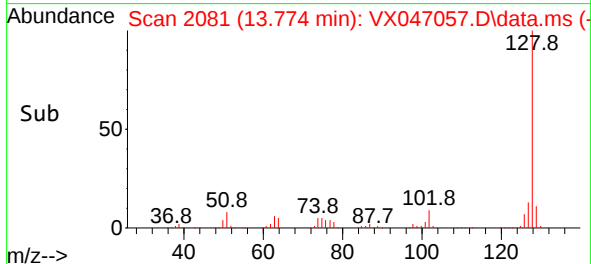
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



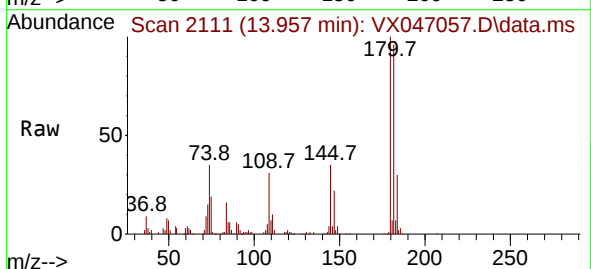
Tgt Ion:128 Resp: 329630
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.432 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047057.D
Acq: 21 Jul 2025 10:29



Tgt Ion:180 Resp: 107542
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 33.8 17.3 52.0

