

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072925\
 Data File : VX047177.D
 Acq On : 29 Jul 2025 16:17
 Operator : JC/MD
 Sample : VX0729WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Quant Time: Jul 30 01:15:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/30/2025
 Supervised By : Mahesh Dadoda 07/30/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	285367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	477812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	213919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174857	49.189	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.380%		
35) Dibromofluoromethane	5.391	113	152532	51.703	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.400%		
50) Toluene-d8	8.647	98	462494	48.408	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.820%		
62) 4-Bromofluorobenzene	11.079	95	215190	52.265	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.540%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	66595	17.569	ug/l	94
3) Chloromethane	1.313	50	64480	17.198	ug/l	98
4) Vinyl Chloride	1.392	62	70961	17.606	ug/l #	82
5) Bromomethane	1.630	94	31090	14.200	ug/l	93
6) Chloroethane	1.709	64	42417	16.024	ug/l	98
7) Trichlorofluoromethane	1.904	101	103534	17.227	ug/l	99
8) Diethyl Ether	2.148	74	37253	17.580	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	62654	17.304	ug/l	99
10) Methyl Iodide	2.465	142	77307	20.949	ug/l	99
11) Tert butyl alcohol	2.953	59	44088	99.921	ug/l	100
12) 1,1-Dichloroethene	2.337	96	59582	16.614	ug/l	95
13) Acrolein	2.252	56	57944	75.704	ug/l	98
14) Allyl chloride	2.678	41	102332	15.786	ug/l #	92
15) Acrylonitrile	3.075	53	164058	96.768	ug/l	99
16) Acetone	2.386	43	171527	120.450	ug/l	99
17) Carbon Disulfide	2.526	76	173059	16.681	ug/l	99
18) Methyl Acetate	2.709	43	82865	21.897	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	203149	18.613	ug/l	98
20) Methylene Chloride	2.800	84	66614	17.003	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	63591	17.328	ug/l	94
22) Diisopropyl ether	3.764	45	230721	18.512	ug/l	88
23) Vinyl Acetate	3.727	43	937012	93.733	ug/l	100
24) 1,1-Dichloroethane	3.617	63	121801	17.574	ug/l	98
25) 2-Butanone	4.562	43	224902	108.463	ug/l	99
26) 2,2-Dichloropropane	4.483	77	99359	18.520	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	76534	17.611	ug/l	100
28) Bromochloromethane	4.904	49	61879	19.407	ug/l	98
29) Tetrahydrofuran	5.025	42	129389	96.712	ug/l	99
30) Chloroform	5.099	83	125829	17.836	ug/l	94
31) Cyclohexane	5.477	56	114785	17.273	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	108160	17.651	ug/l	99
36) 1,1-Dichloropropene	5.696	75	87845	17.468	ug/l	98
37) Ethyl Acetate	4.721	43	92309	19.921	ug/l	98
38) Carbon Tetrachloride	5.684	117	94595	17.624	ug/l	94
39) Methylcyclohexane	7.385	83	112095	17.853	ug/l	97
40) Benzene	6.044	78	257102	17.666	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46637	19.249	ug/l	96
42) 1,2-Dichloroethane	6.092	62	94387	18.411	ug/l	99
43) Isopropyl Acetate	6.342	43	145787	20.181	ug/l	100
44) Trichloroethene	7.129	130	64487	17.280	ug/l	97
45) 1,2-Dichloropropane	7.434	63	66217	18.166	ug/l	98
46) Dibromomethane	7.580	93	47220	18.473	ug/l	99
47) Bromodichloromethane	7.824	83	98859	18.170	ug/l	98
48) Methyl methacrylate	7.696	41	73322	18.631	ug/l	97
49) 1,4-Dioxane	7.720	88	20943	467.896	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	446839	104.065	ug/l	99
52) Toluene	8.720	92	163718	18.295	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	93295	18.159	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	101802	18.104	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	62876	18.736	ug/l	98
56) Ethyl methacrylate	9.116	69	98055	19.737	ug/l	99
57) 1,3-Dichloropropane	9.305	76	107166	18.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	261263	94.501	ug/l	99
59) 2-Hexanone	9.427	43	318481	112.265	ug/l	100
60) Dibromochloromethane	9.519	129	73749	18.737	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64792	18.464	ug/l	100
64) Tetrachloroethene	9.275	164	53991	17.503	ug/l	96
65) Chlorobenzene	10.079	112	178792	17.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	61689	18.278	ug/l	97
67) Ethyl Benzene	10.195	91	315211	17.984	ug/l	99
68) m/p-Xylenes	10.299	106	233874	35.657	ug/l	98
69) o-Xylene	10.640	106	113985	18.268	ug/l	99
70) Styrene	10.653	104	198375	18.540	ug/l	99
71) Bromoform	10.799	173	47736	18.620	ug/l #	98
73) Isopropylbenzene	10.957	105	306810	18.179	ug/l	99
74) N-amyl acetate	10.842	43	126148	18.525	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	93686	19.434	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75649m	19.106	ug/l	
77) Bromobenzene	11.195	156	71738	17.722	ug/l	99
78) n-propylbenzene	11.305	91	368405	18.267	ug/l	99
79) 2-Chlorotoluene	11.360	91	215539	17.879	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	253187	18.159	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20839	13.560	ug/l	99
82) 4-Chlorotoluene	11.451	91	258882	18.398	ug/l	100
83) tert-Butylbenzene	11.713	119	259221	18.523	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	258332	18.576	ug/l	98
85) sec-Butylbenzene	11.890	105	327499	18.730	ug/l	100
86) p-Isopropyltoluene	12.006	119	272572	18.798	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	139105	18.086	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	140253	17.998	ug/l	98
89) n-Butylbenzene	12.329	91	258251	18.992	ug/l	99
90) Hexachloroethane	12.536	117	46377	17.878	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	132995	18.092	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19952	21.561	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	90353	18.603	ug/l	98
94) Hexachlorobutadiene	13.725	225	33897	20.521	ug/l	98
95) Naphthalene	13.774	128	285257	20.034	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	87460	18.692	ug/l	99

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

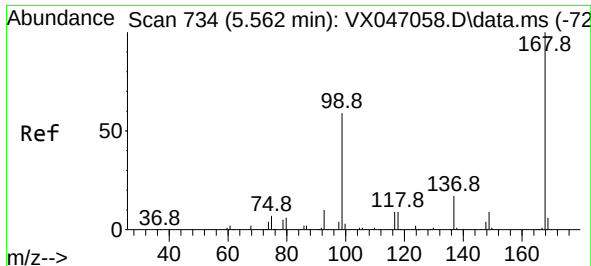
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

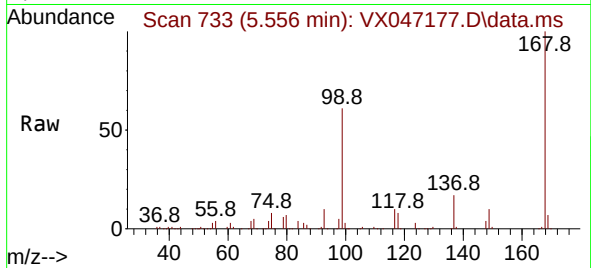
Quant Time: Jul 30 01:15:52 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

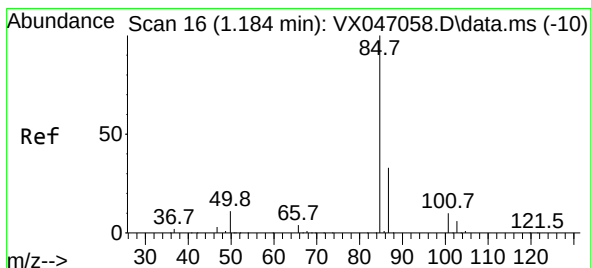
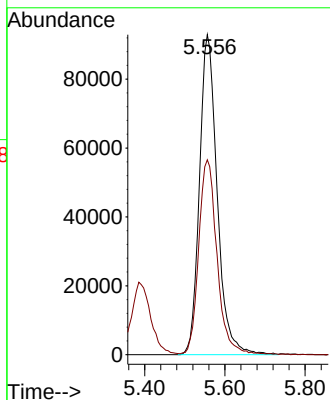
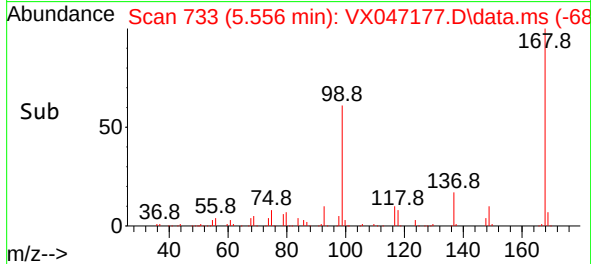
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion:168 Resp: 28536
Ion Ratio Lower Upper
168 100
99 60.8 48.0 72.0

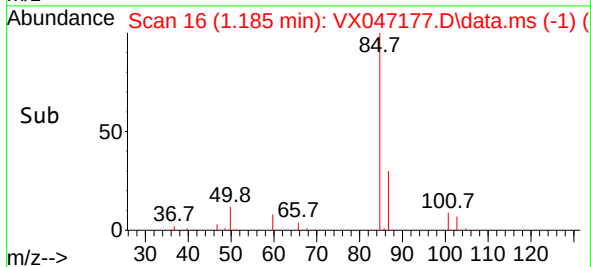
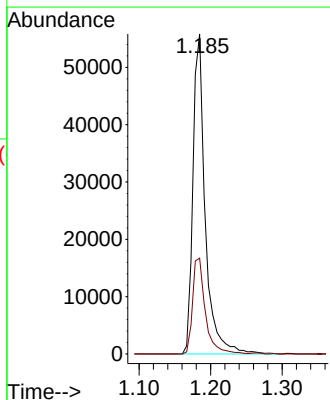
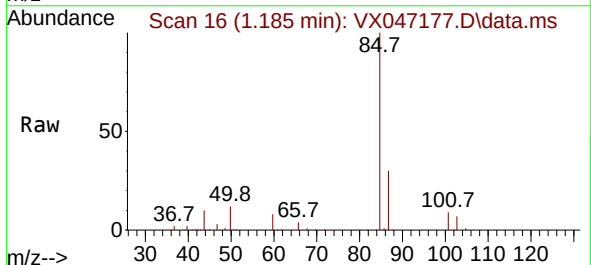
Manual Integrations
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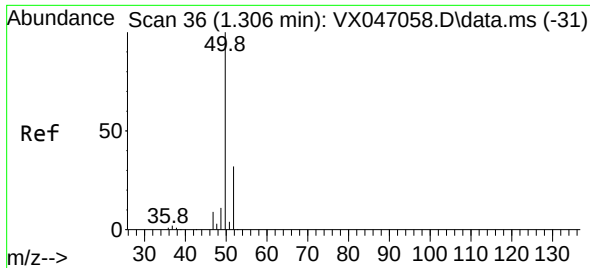
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#2
Dichlorodifluoromethane
Concen: 17.569 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Tgt Ion: 85 Resp: 66595
Ion Ratio Lower Upper
85 100
87 29.9 16.6 49.8





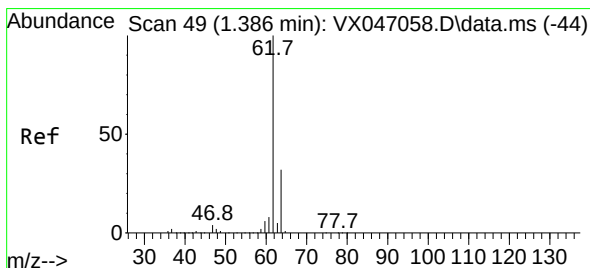
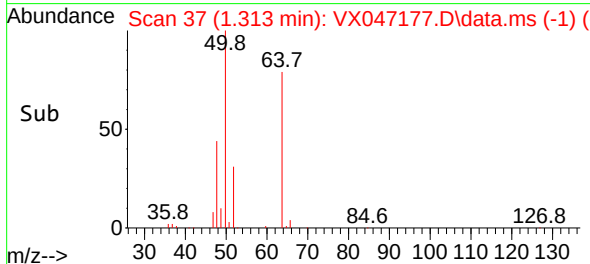
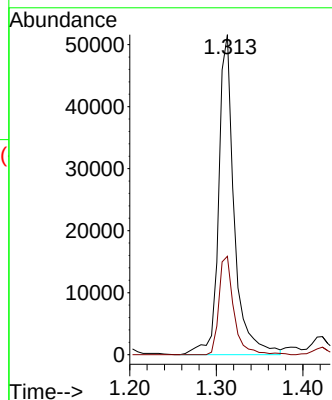
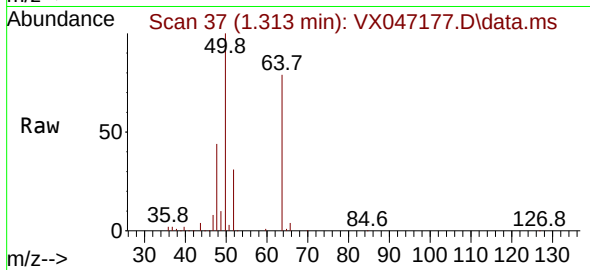
#3
Chloromethane
Concen: 17.198 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tgt Ion: 50 Resp: 64480
Ion Ratio Lower Upper
50 100
52 30.7 25.4 38.2

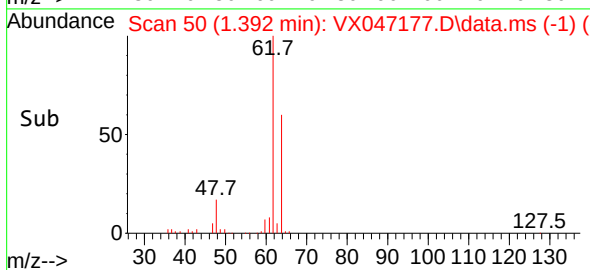
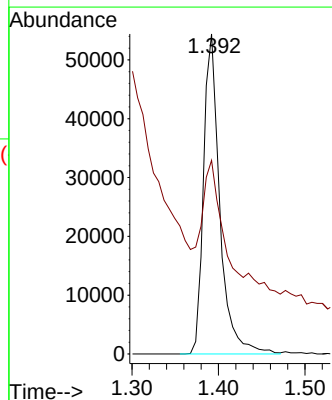
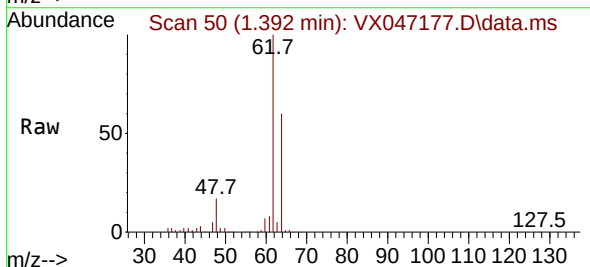
Manual Integrations
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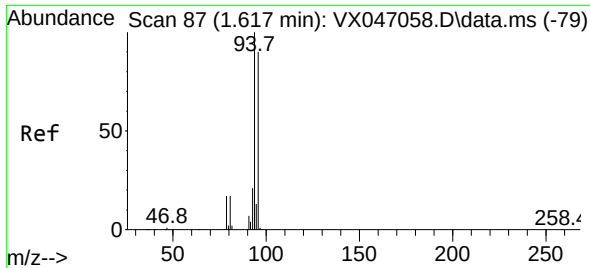
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#4
Vinyl Chloride
Concen: 17.606 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

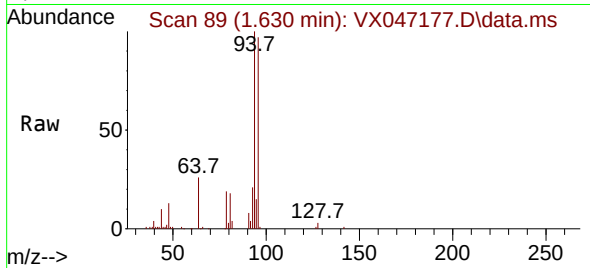
Tgt Ion: 62 Resp: 70961
Ion Ratio Lower Upper
62 100
64 41.7 25.2 37.8





#5
Bromomethane
Concen: 14.200 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

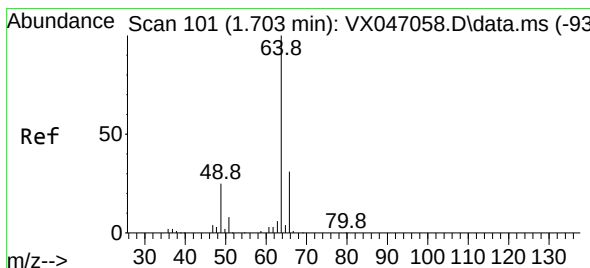
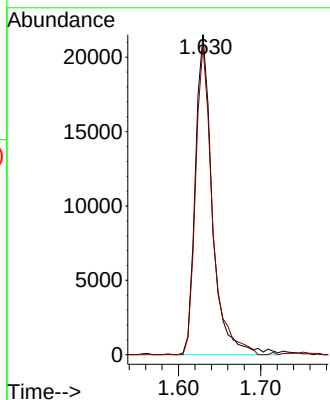
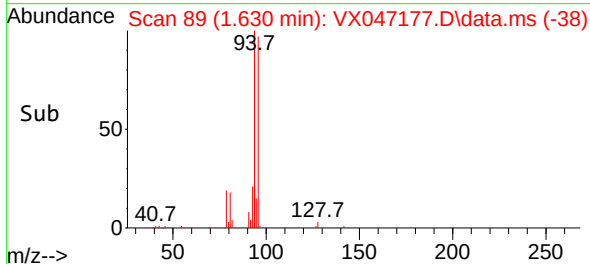
Instrument :
MSVOA_X
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VX0729WBS02



Tgt Ion: 94 Resp: 31090
Ion Ratio Lower Upper
94 100
96 97.5 72.3 108.5

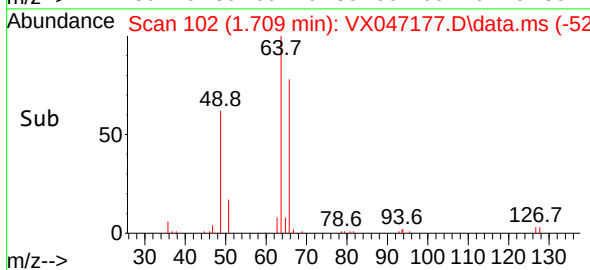
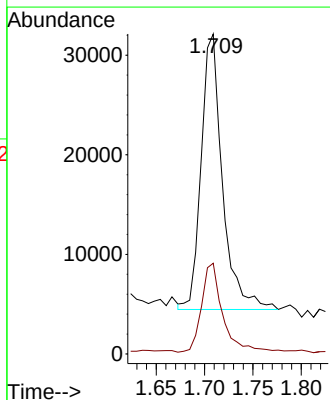
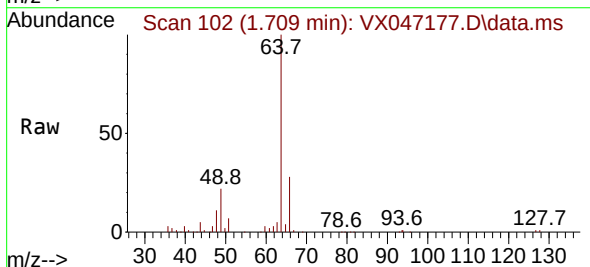
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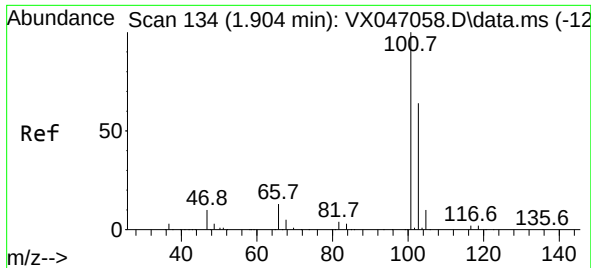
Reviewed By :John Carlone 07/30/2025
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#6
Chloroethane
Concen: 16.024 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX047177.D
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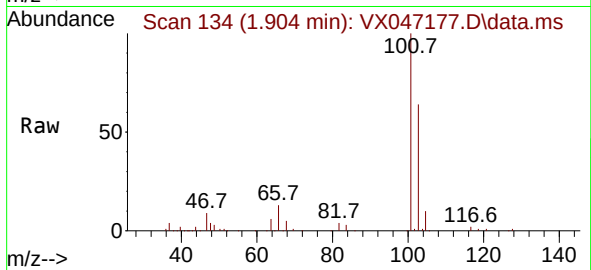
Tgt Ion: 64 Resp: 42417
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 17.227 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047177.D
 Acq: 29 Jul 2025 16:17

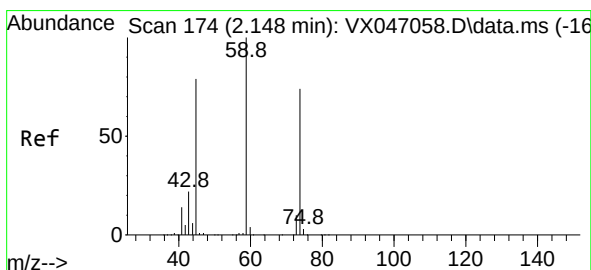
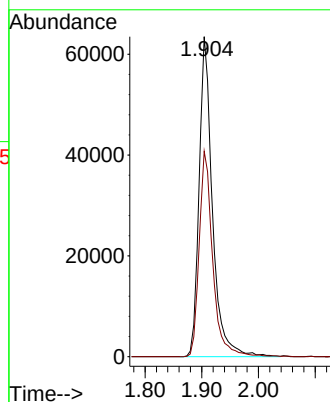
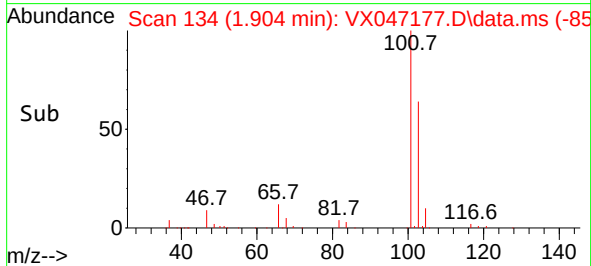
Instrument :
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 ClientSampleId :
 VX0729WBS02



Tgt Ion:101 Resp: 103534
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.9 76.3

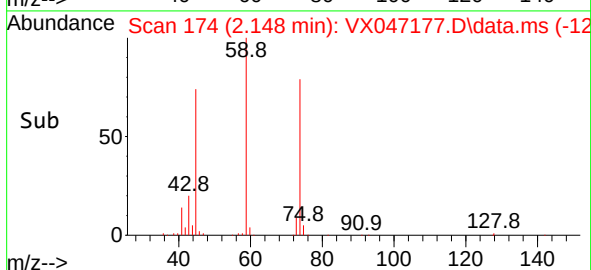
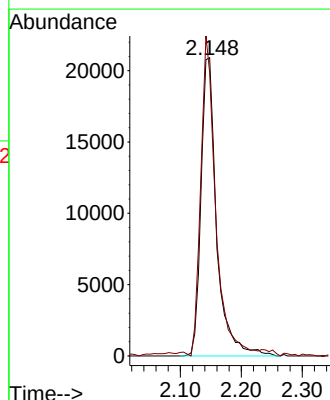
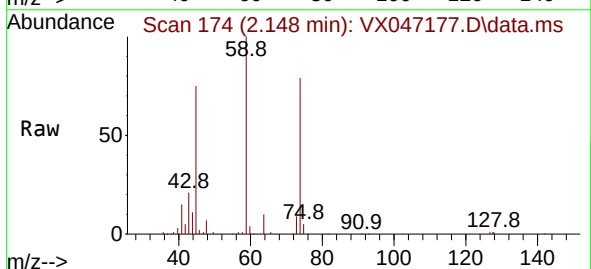
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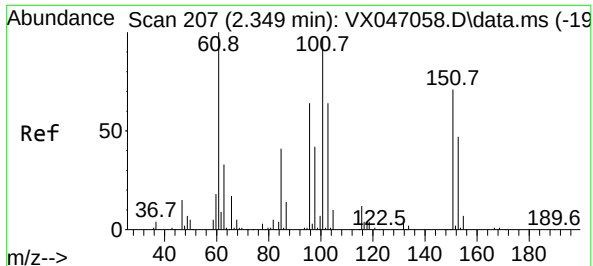
Reviewed By :John Carlone 07/30/2025
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#8
 Diethyl Ether
 Concen: 17.580 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047177.D
 Acq: 29 Jul 2025 16:17

Tgt Ion: 74 Resp: 37253
 Ion Ratio Lower Upper
 74 100
 45 100.5 53.0 159.0





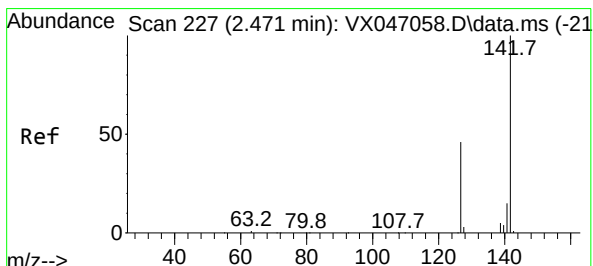
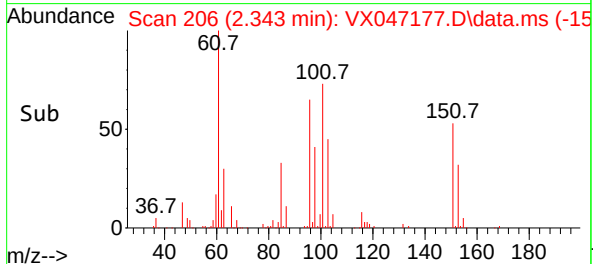
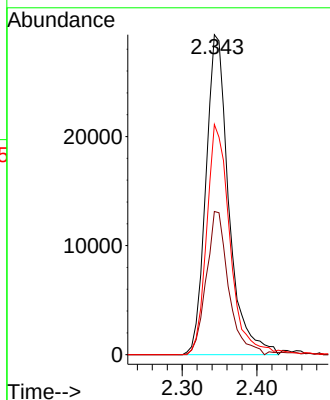
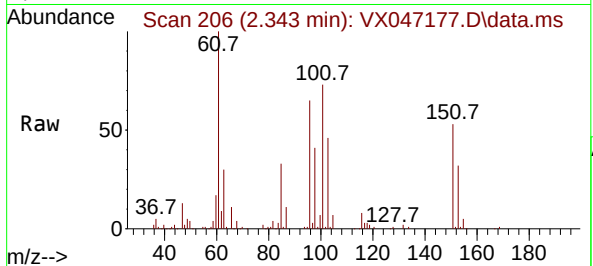
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.304 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tgt Ion:101 Resp: 62654
Ion Ratio Lower Upper
101 100
85 43.5 35.4 53.0
151 73.3 59.2 88.8

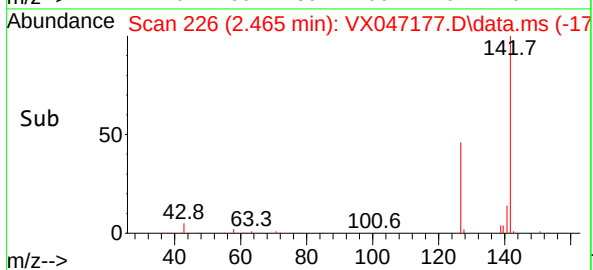
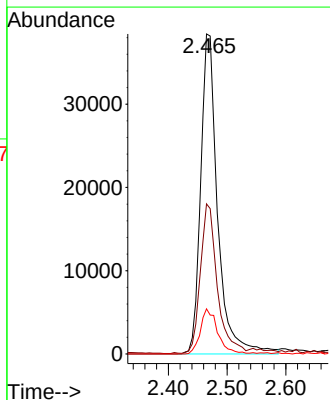
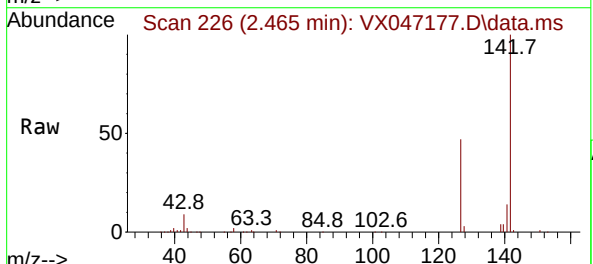
Manual Integrations
APPROVED

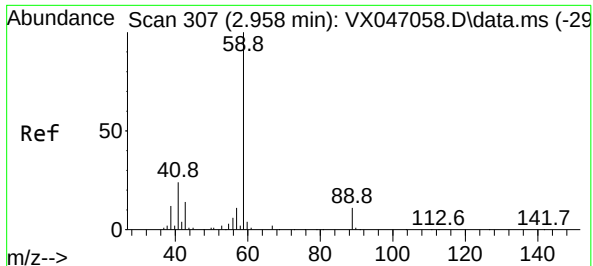
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#10
Methyl Iodide
Concen: 20.949 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Tgt Ion:142 Resp: 77307
Ion Ratio Lower Upper
142 100
127 46.2 36.6 54.8
141 14.4 10.9 16.3





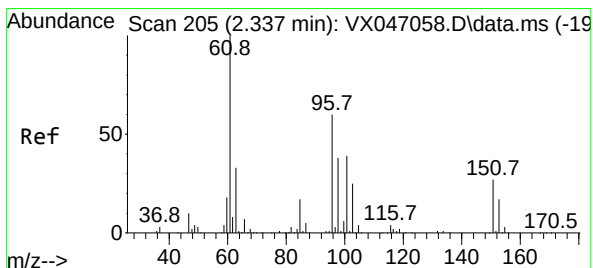
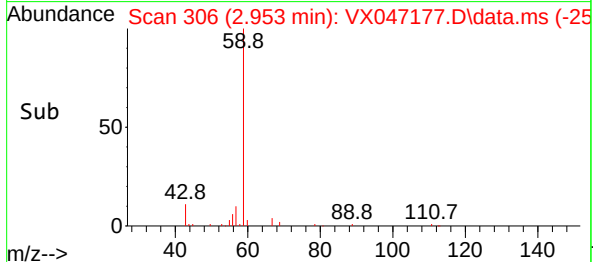
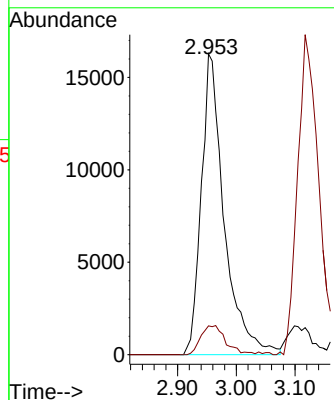
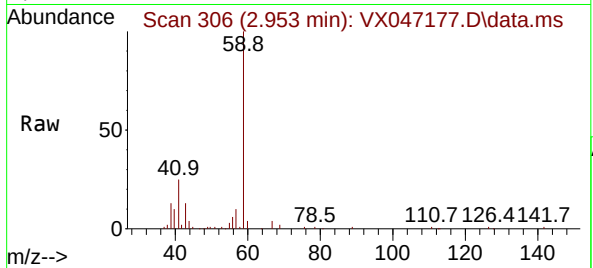
#11
Tert butyl alcohol
Concen: 99.921 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tgt Ion: 59 Resp: 44088
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

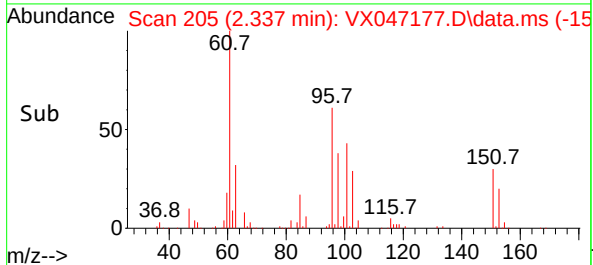
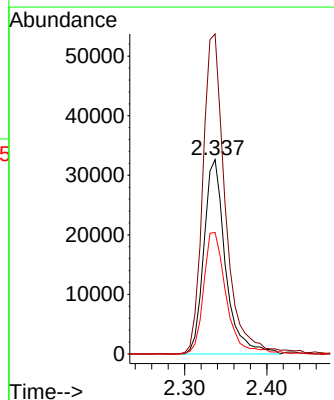
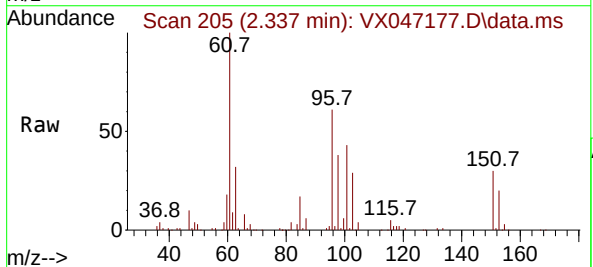
Manual Integrations
APPROVED

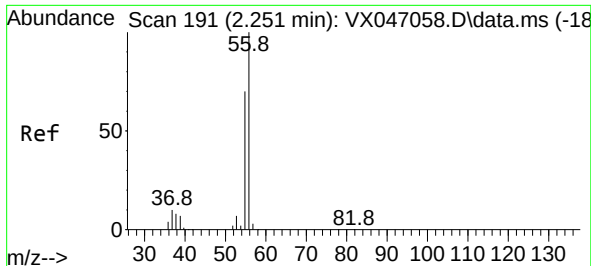
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#12
1,1-Dichloroethene
Concen: 16.614 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Tgt Ion: 96 Resp: 59582
Ion Ratio Lower Upper
96 100
61 158.0 132.6 198.8
98 60.1 50.2 75.4





#13

Acrolein

Concen: 75.704 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

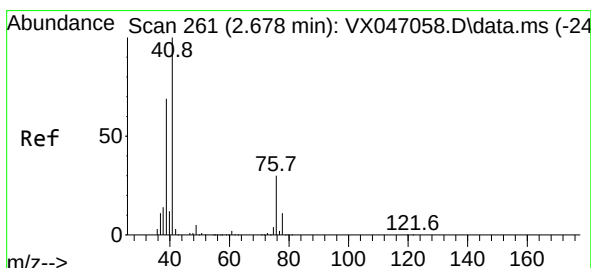
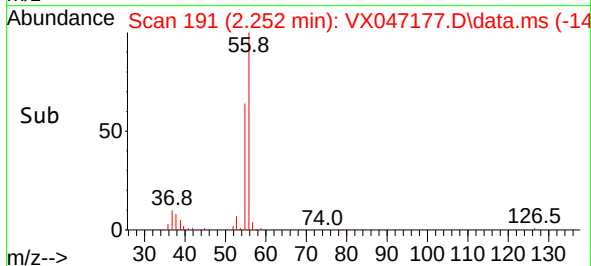
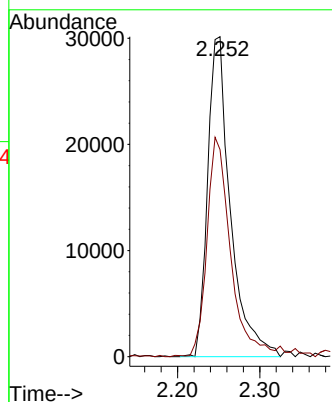
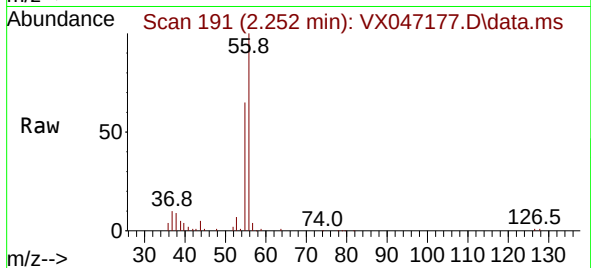
Tgt Ion: 56 Resp: 57944
 Ion Ratio Lower Upper
 56 100
 55 71.0 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#14

Allyl chloride

Concen: 15.786 ug/l

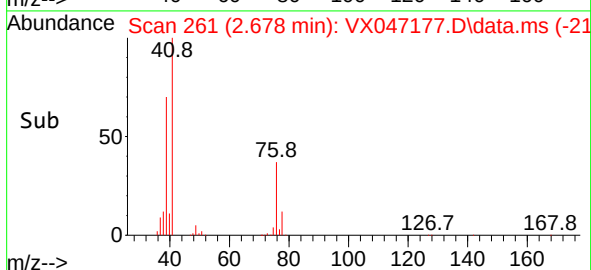
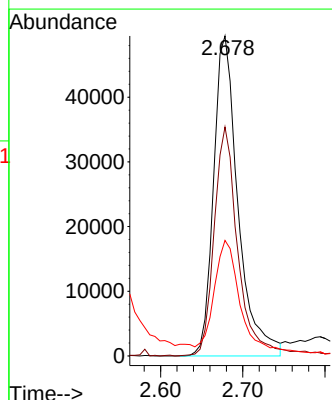
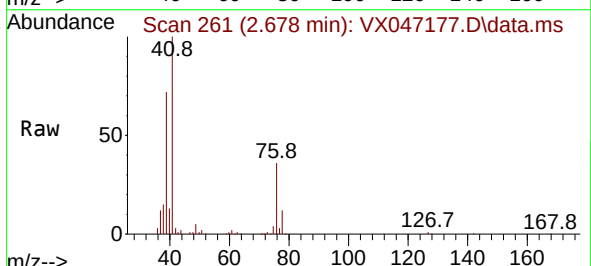
RT: 2.678 min Scan# 261

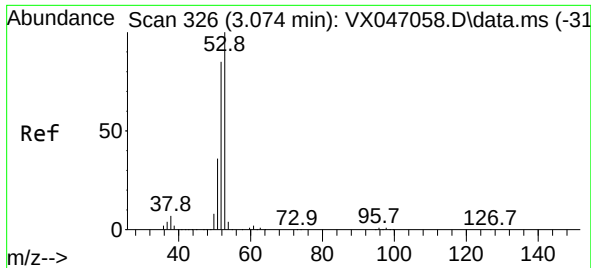
Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

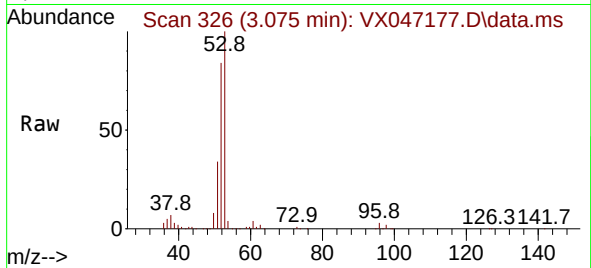
Tgt Ion: 41 Resp: 102332
 Ion Ratio Lower Upper
 41 100
 39 70.6 52.6 78.8
 76 39.2 25.7 38.5





#15
Acrylonitrile
Concen: 96.768 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

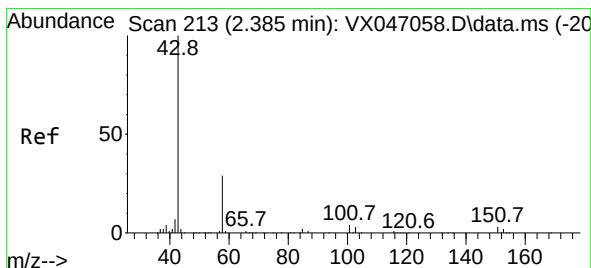
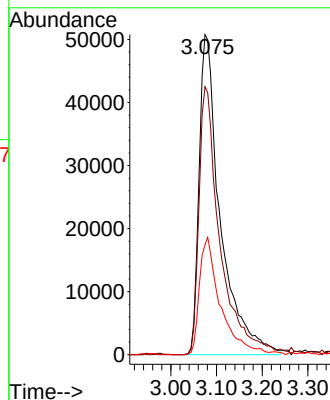
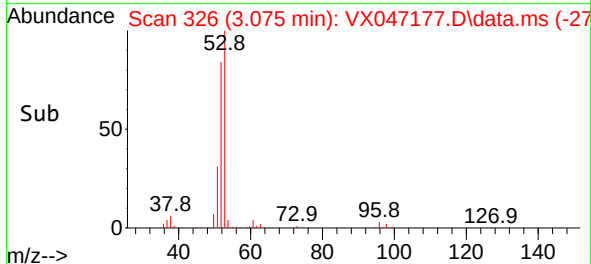
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



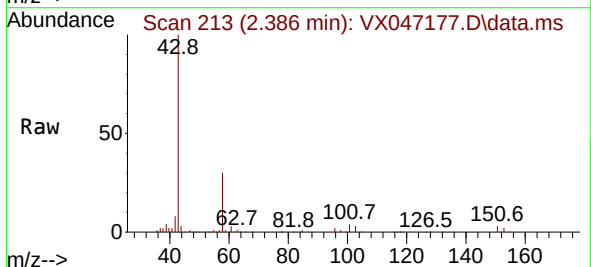
Tgt Ion: 53 Resp: 164058
Ion Ratio Lower Upper
53 100
52 83.0 65.7 98.5
51 36.0 28.8 43.2

Manual Integrations
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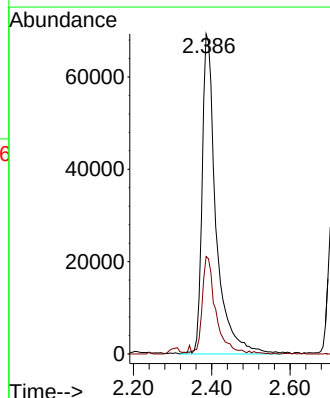
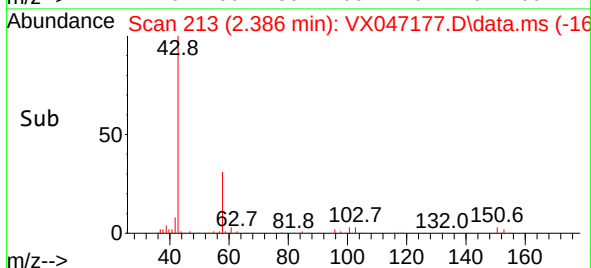
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

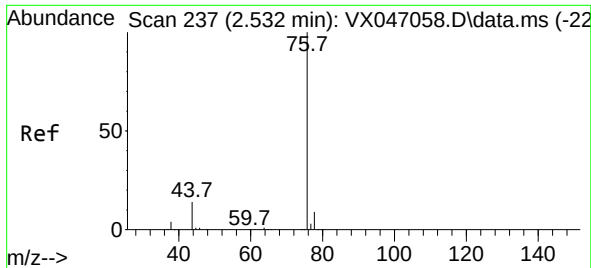


#16
Acetone
Concen: 120.450 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17



Tgt Ion: 43 Resp: 171527
Ion Ratio Lower Upper
43 100
58 30.4 24.0 36.0





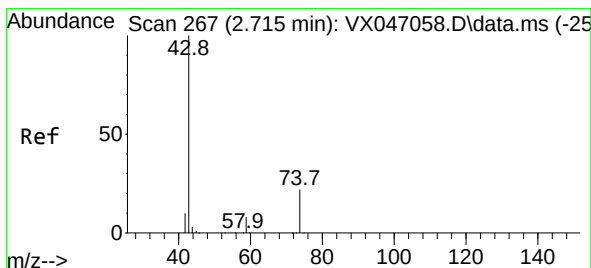
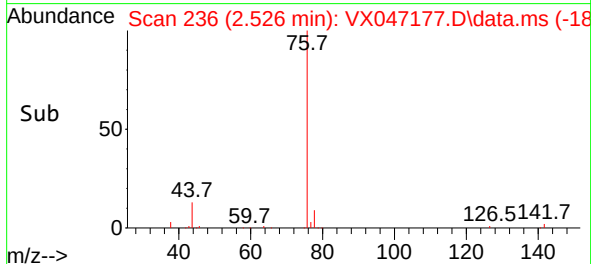
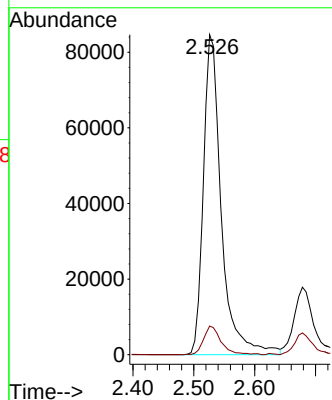
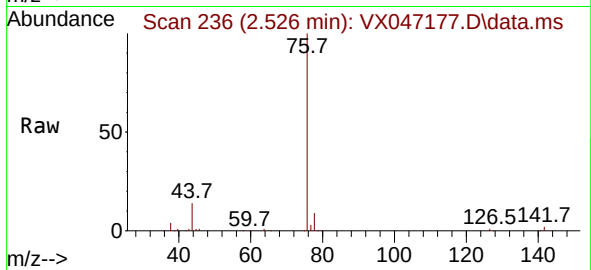
#17
Carbon Disulfide
Concen: 16.681 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tgt Ion: 76 Resp: 17305
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

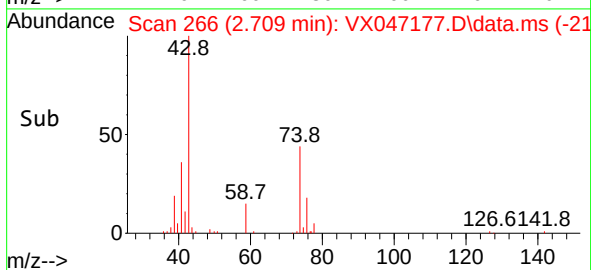
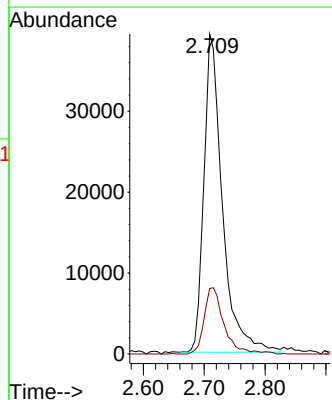
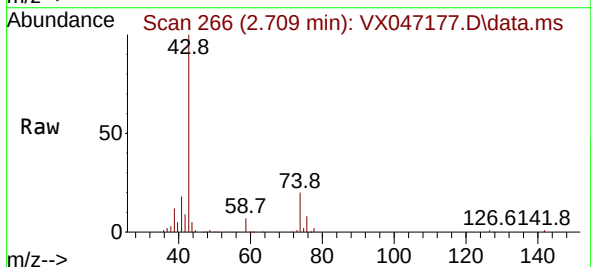
Manual Integrations
APPROVED

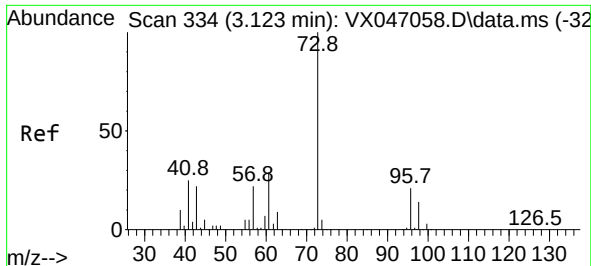
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#18
Methyl Acetate
Concen: 21.897 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

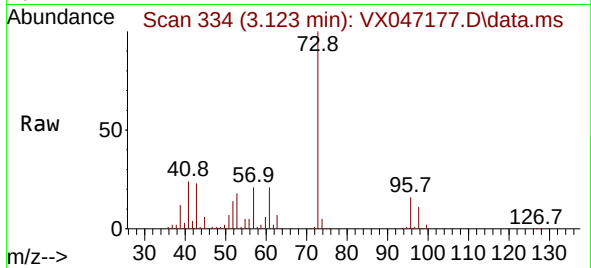
Tgt Ion: 43 Resp: 82865
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 18.613 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

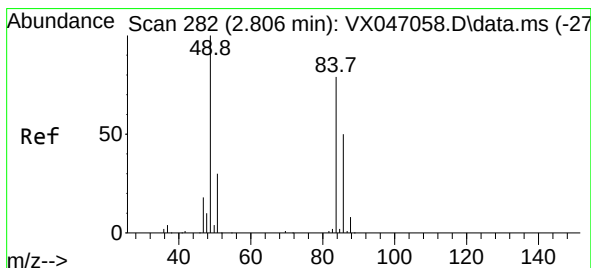
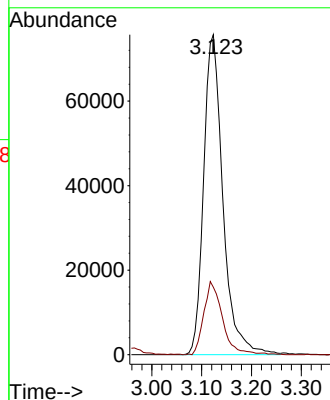
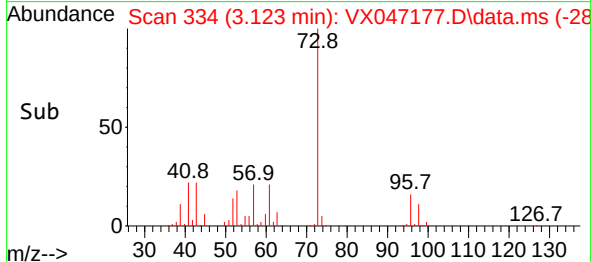
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion: 73 Resp: 203149
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5

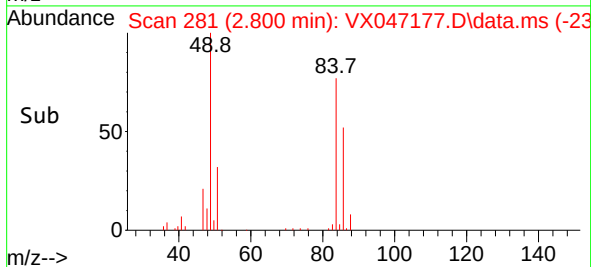
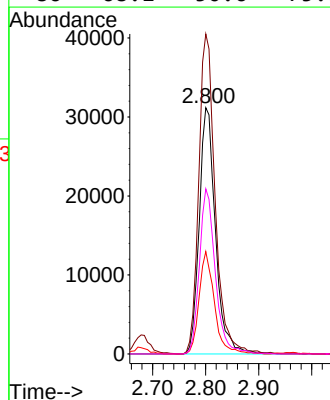
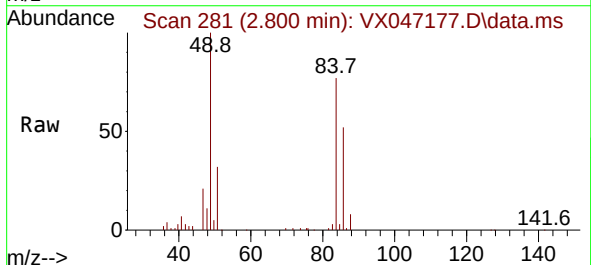
Manual Integrations
APPROVED

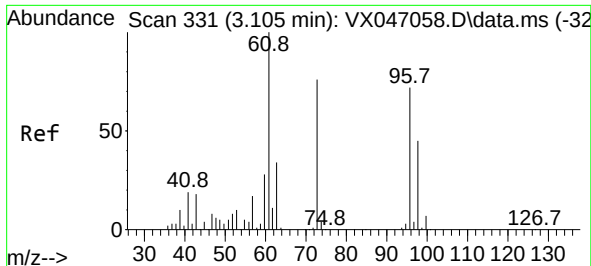
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#20
Methylene Chloride
Concen: 17.003 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

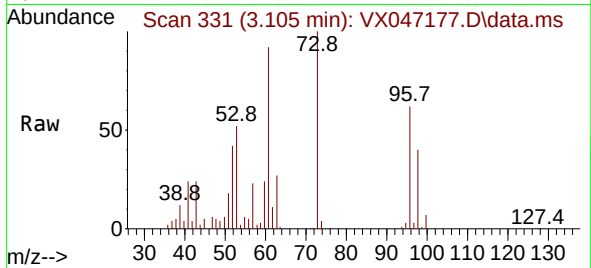
Tgt Ion: 84 Resp: 66614
Ion Ratio Lower Upper
84 100
49 130.0 101.6 152.4
51 41.6 30.3 45.5
86 68.1 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 17.328 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

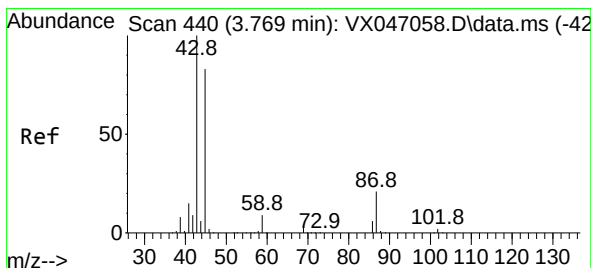
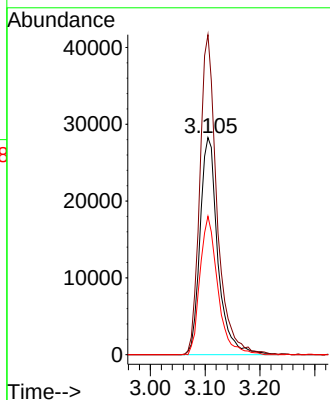
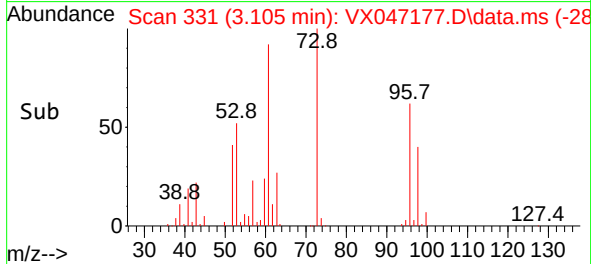
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion: 96 Resp: 6359
Ion Ratio Lower Upper
96 100
61 147.4 111.1 166.7
98 63.7 49.6 74.4

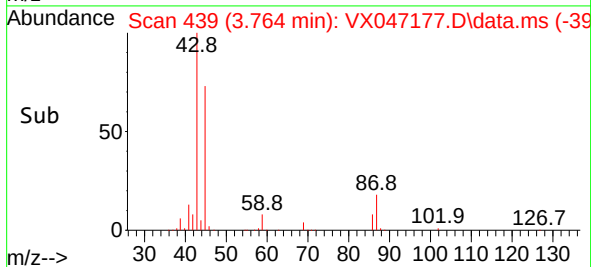
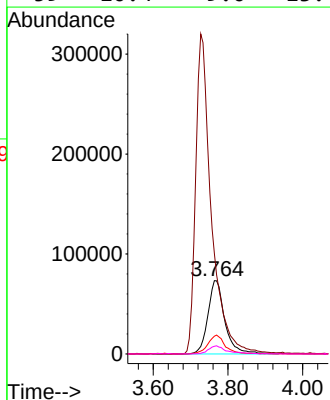
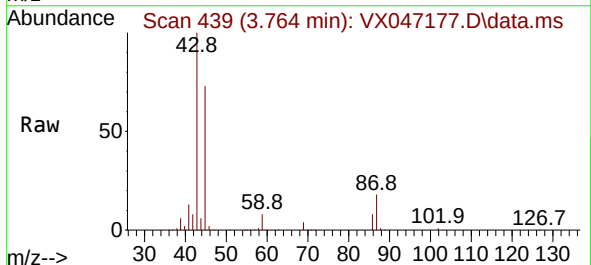
Manual Integrations
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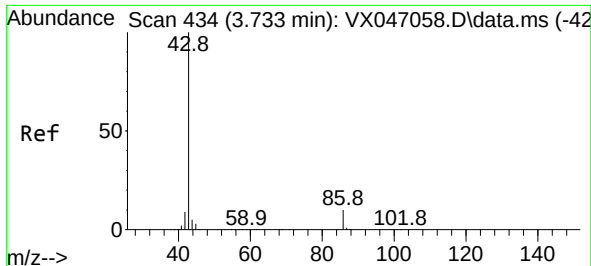
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#22
Diisopropyl ether
Concen: 18.512 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

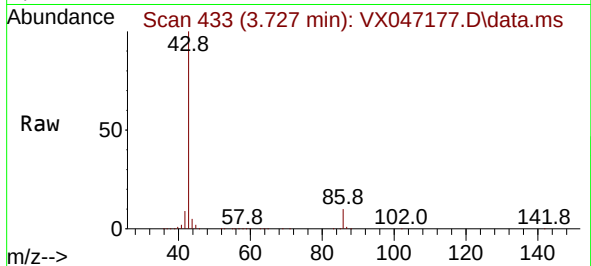
Tgt Ion: 45 Resp: 230721
Ion Ratio Lower Upper
45 100
43 137.2 96.8 145.2
87 24.3 20.5 30.7
59 10.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 93.733 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047177.D
 Acq: 29 Jul 2025 16:17

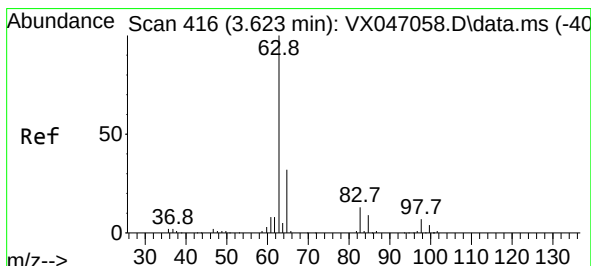
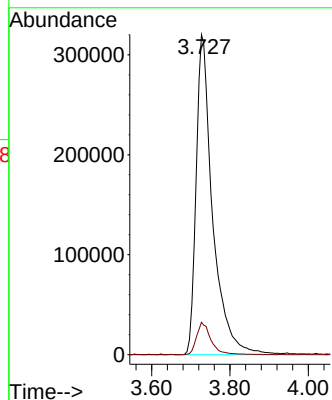
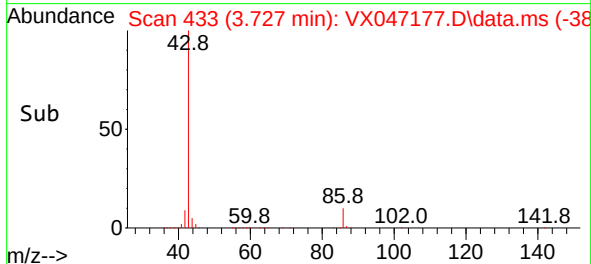
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02



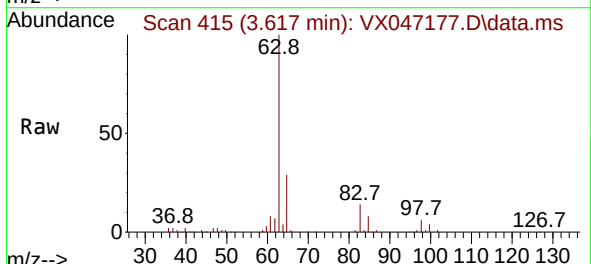
Tgt Ion: 43 Resp: 937012
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

Manual Integrations
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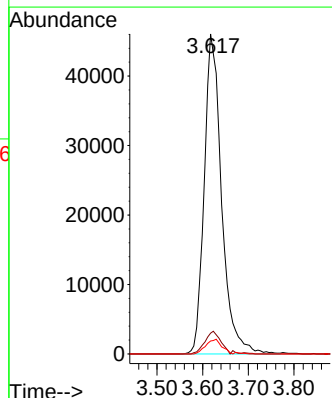
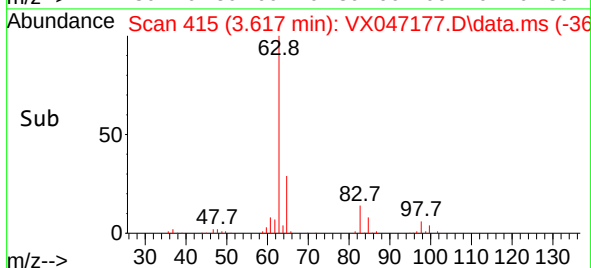
Reviewed By :John Carlone 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025

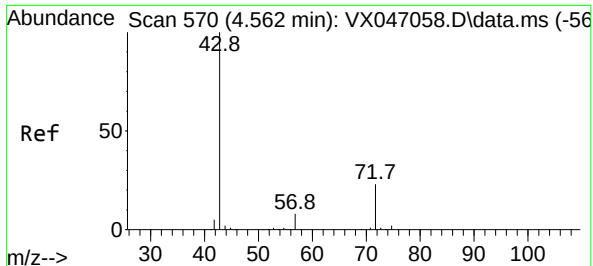


#24
 1,1-Dichloroethane
 Concen: 17.574 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047177.D
 Acq: 29 Jul 2025 16:17



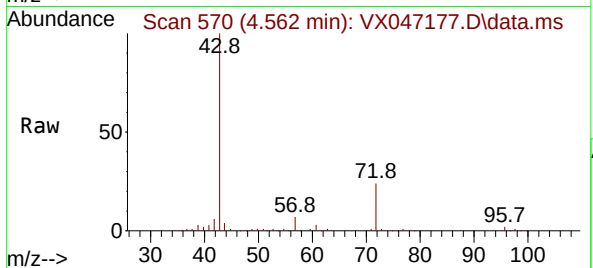
Tgt Ion: 63 Resp: 121801
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 108.463 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

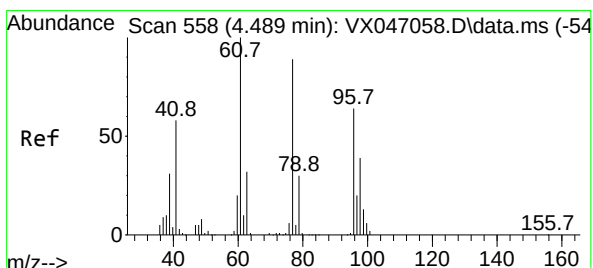
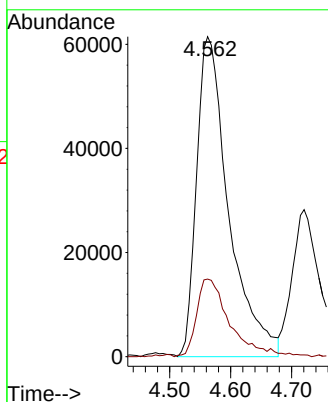
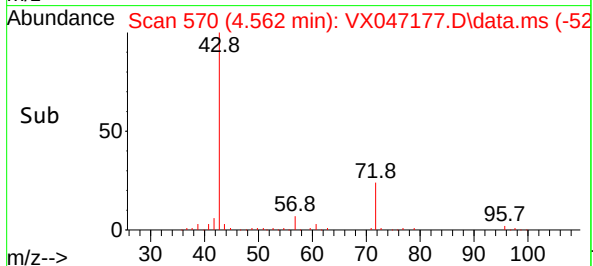
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion: 43 Resp: 22490
Ion Ratio Lower Upper
43 100
72 22.9 18.8 28.2

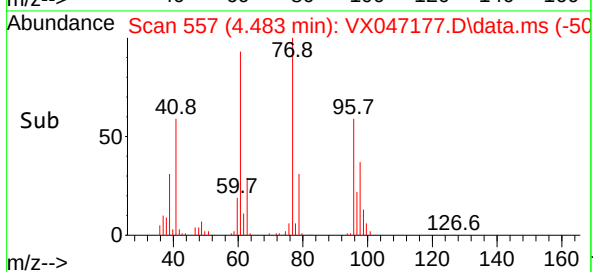
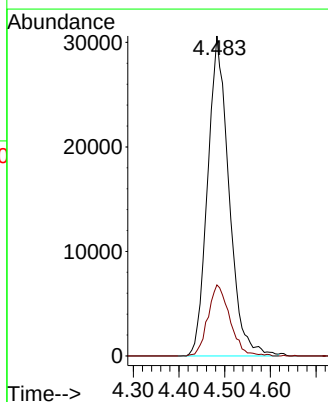
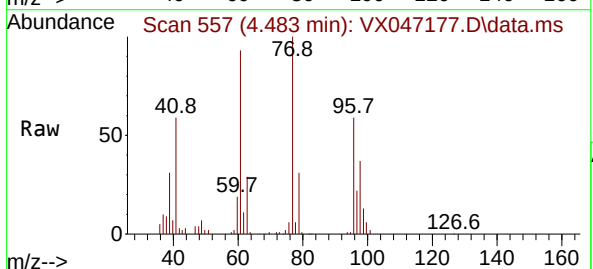
Manual Integrations
APPROVED

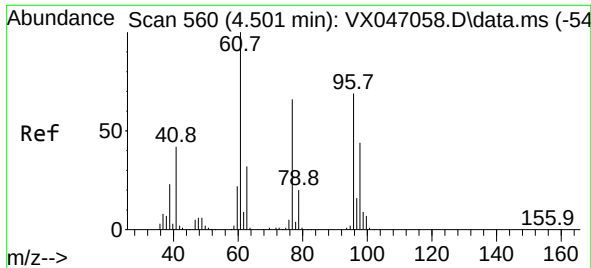
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#26
2,2-Dichloropropane
Concen: 18.520 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

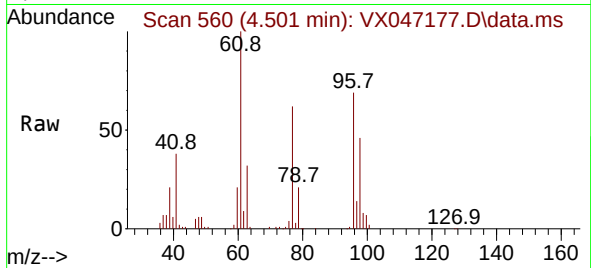
Tgt Ion: 77 Resp: 99359
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 17.611 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

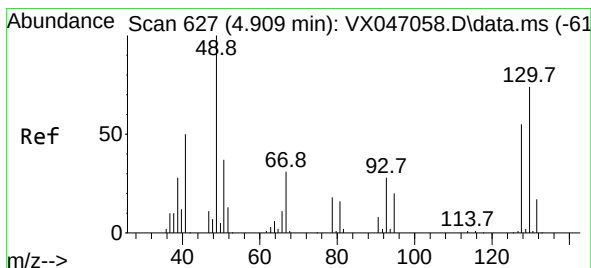
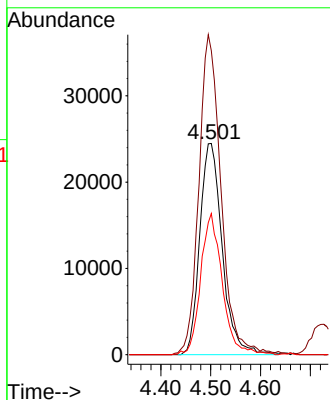
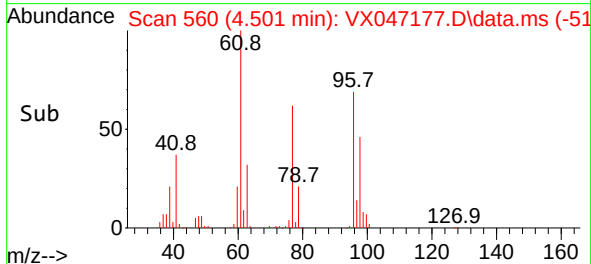
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



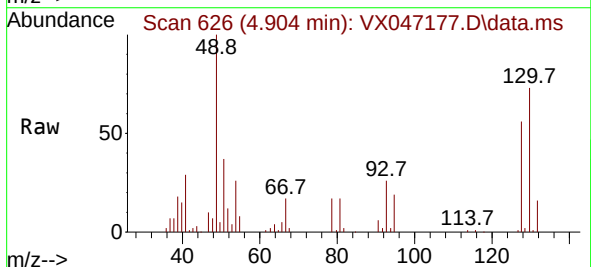
Tgt Ion: 96 Resp: 76534
Ion Ratio Lower Upper
96 100
61 149.5 0.0 298.6
98 64.4 0.0 128.8

Manual Integrations
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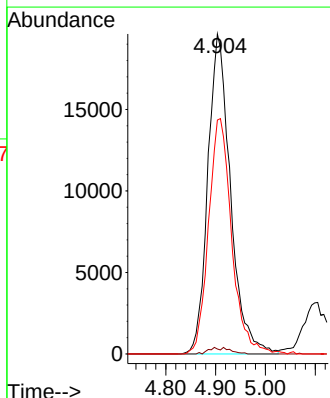
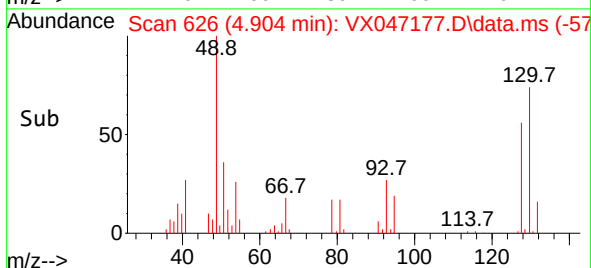
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

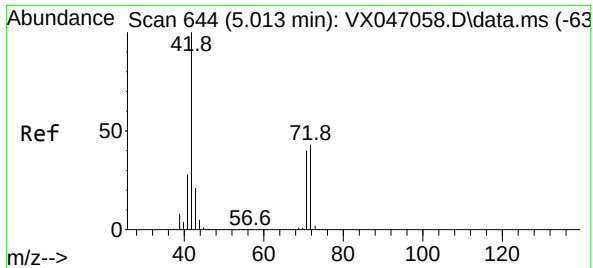


#28
Bromochloromethane
Concen: 19.407 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17



Tgt Ion: 49 Resp: 61879
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.8
130 75.2 59.0 88.4





#29

Tetrahydrofuran

Concen: 96.712 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.013 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

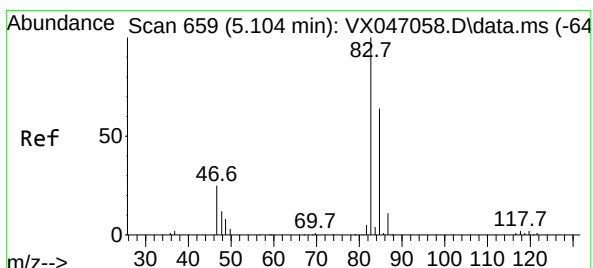
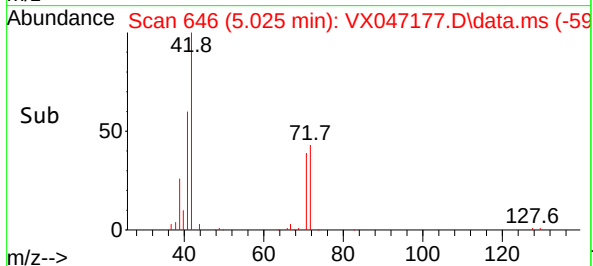
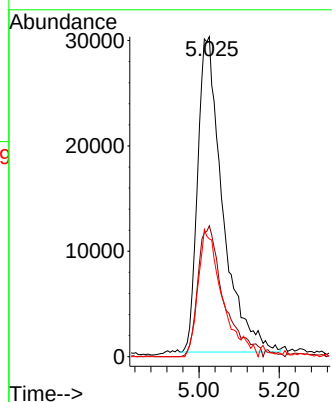
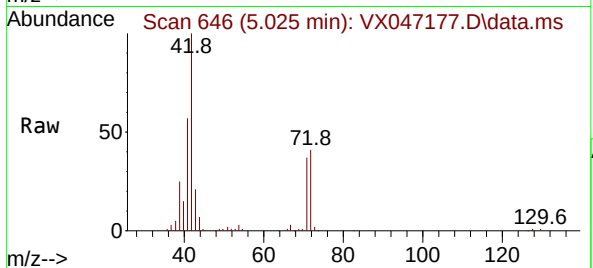
Tgt Ion: 42 Resp: 129389
 Ion Ratio Lower Upper
 42 100
 72 43.1 33.7 50.5
 71 38.9 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#30

Chloroform

Concen: 17.836 ug/l

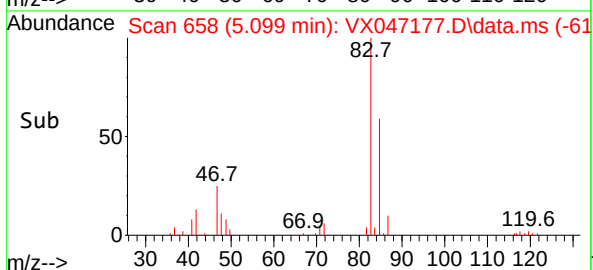
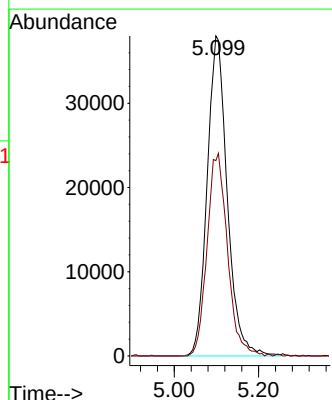
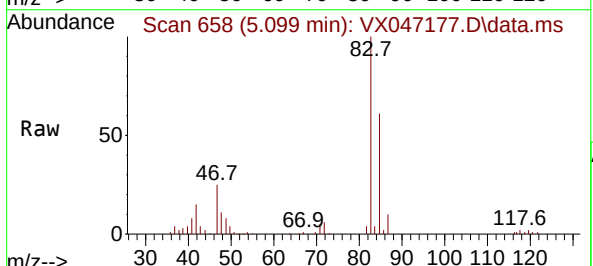
RT: 5.099 min Scan# 658

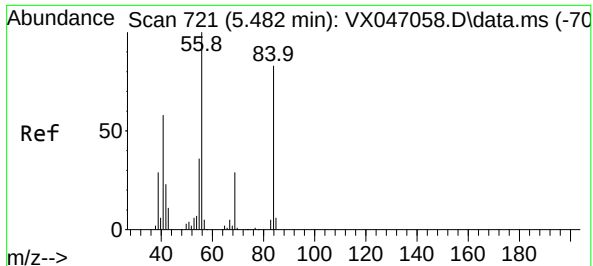
Delta R.T. -0.006 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

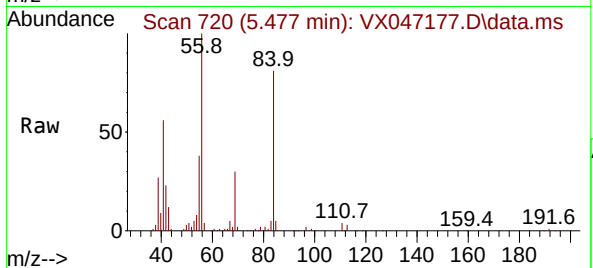
Tgt Ion: 83 Resp: 125829
 Ion Ratio Lower Upper
 83 100
 85 58.7 50.9 76.3





#31
Cyclohexane
Concen: 17.273 ug/l
RT: 5.477 min Scan# 701
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

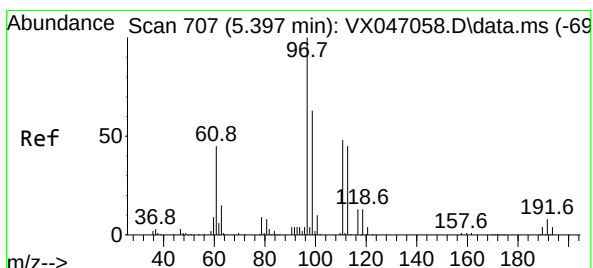
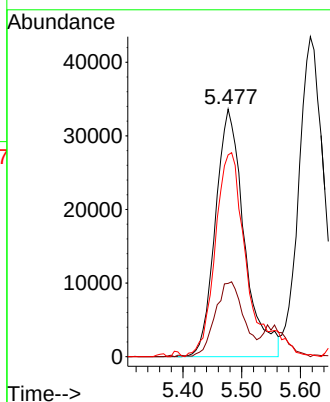
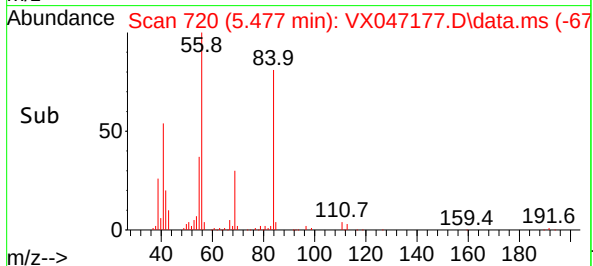
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion: 56 Resp: 11478
Ion Ratio Lower Upper
56 100
69 29.0 23.3 34.9
84 79.2 66.5 99.7

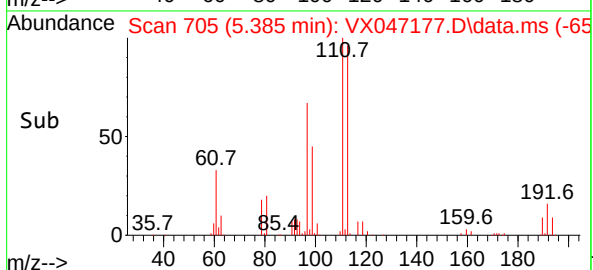
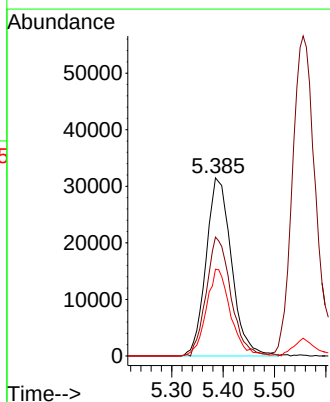
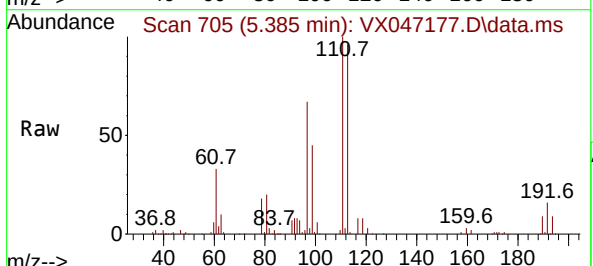
Manual Integrations
APPROVED

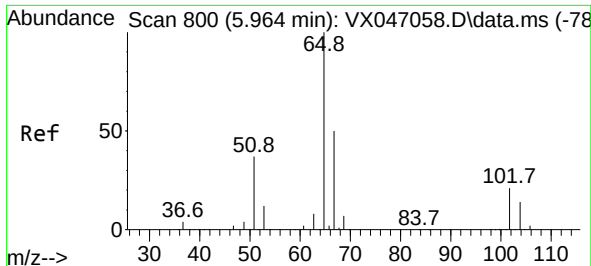
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#32
1,1,1-Trichloroethane
Concen: 17.651 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Tgt Ion: 97 Resp: 108160
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 46.2 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 49.189 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tgt Ion: 65 Resp: 17485

Ion Ratio Lower Upper

65 100

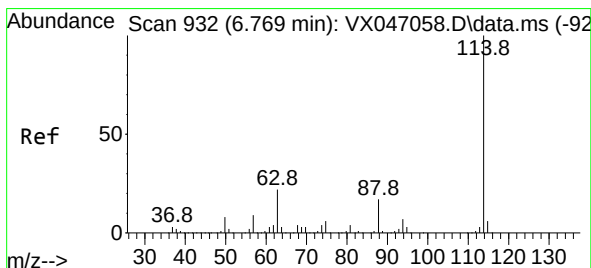
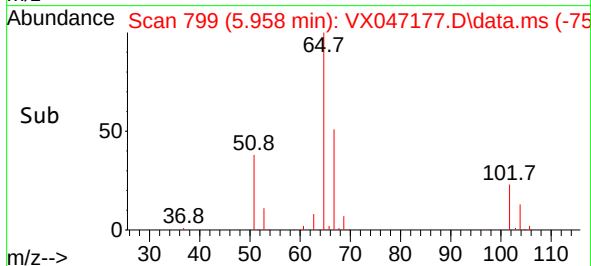
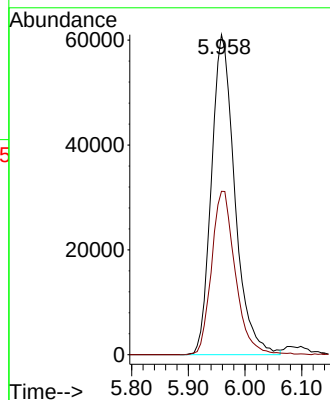
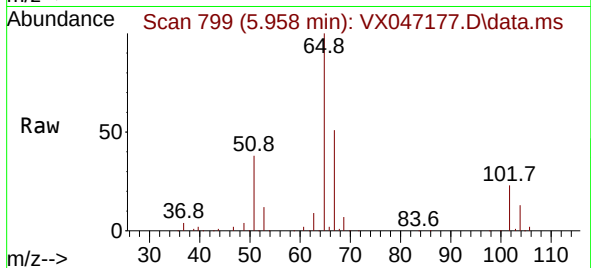
67 52.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

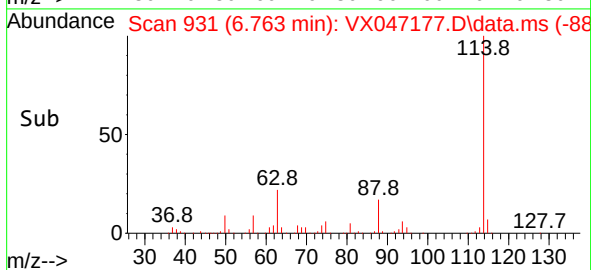
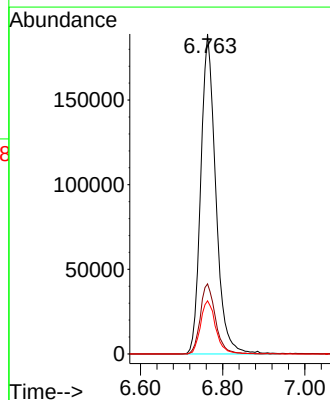
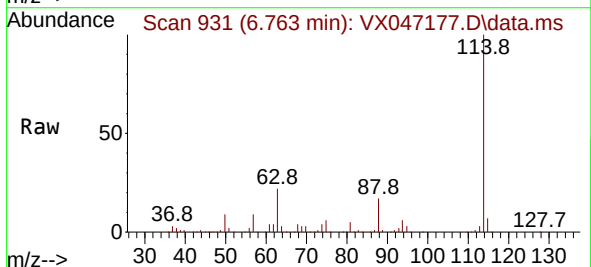
Tgt Ion:114 Resp: 477812

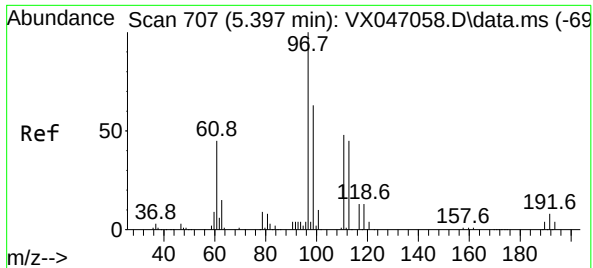
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

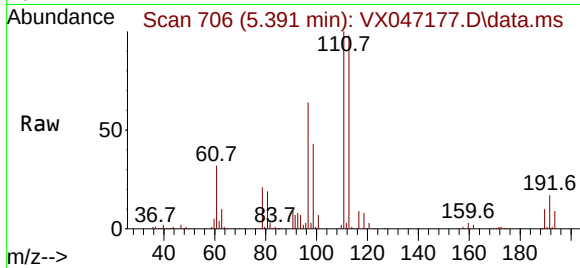
88 16.6 0.0 33.8





#35
Dibromofluoromethane
Concen: 51.703 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

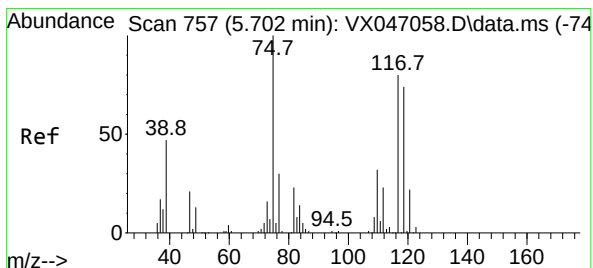
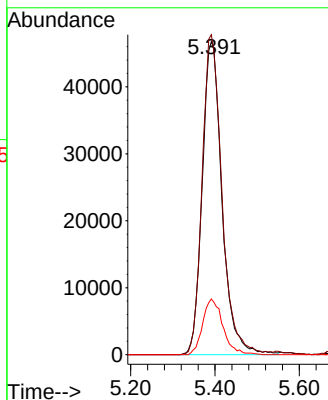
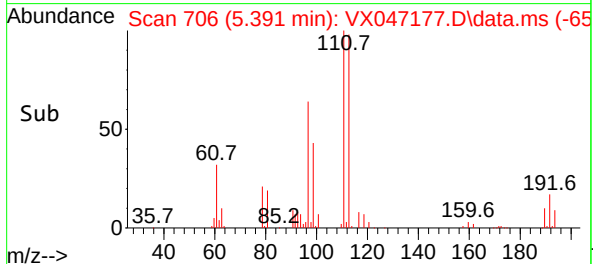
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion:113 Resp: 15253
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.2 14.9 22.3

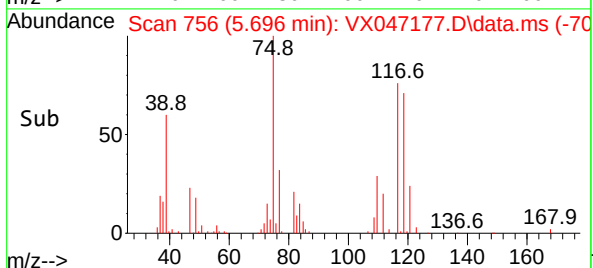
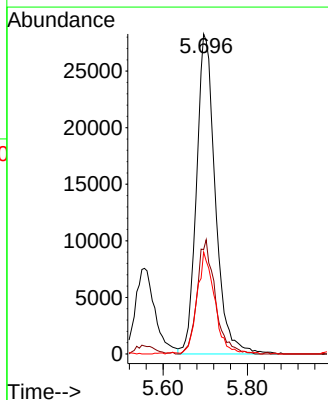
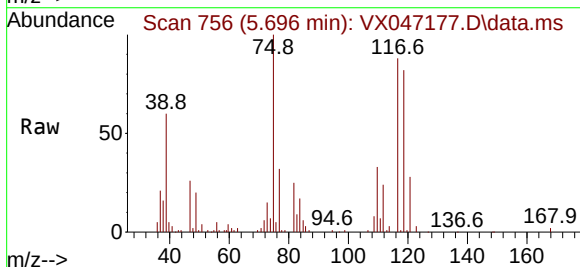
Manual Integrations
APPROVED

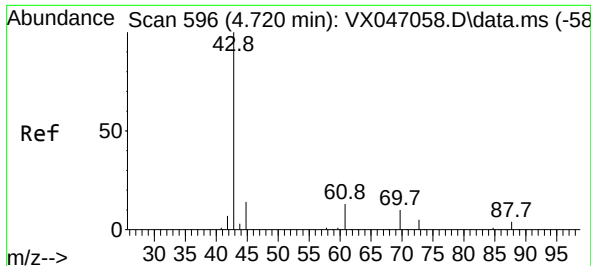
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#36
1,1-Dichloropropene
Concen: 17.468 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Tgt Ion: 75 Resp: 87845
Ion Ratio Lower Upper
75 100
110 34.5 17.2 51.5
77 29.3 25.1 37.7





#37

Ethyl Acetate

Concen: 19.921 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

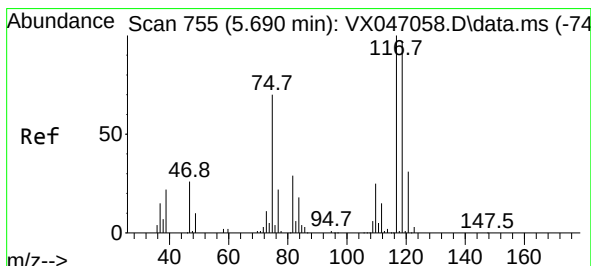
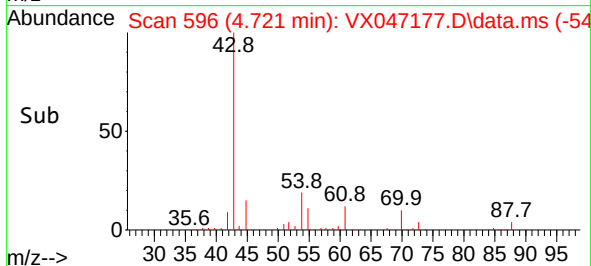
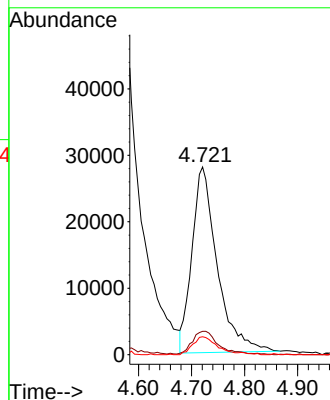
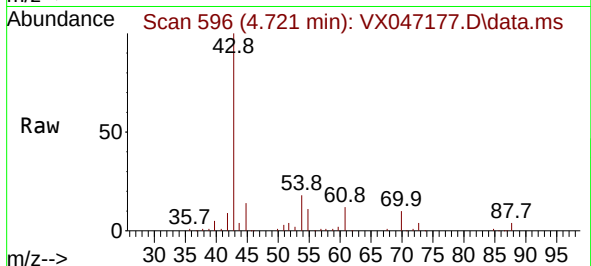
Tgt Ion:	43	Resp:	92309
Ion Ratio	Lower	Upper	
43	100		
61	13.3	10.2	15.2
70	9.2	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#38

Carbon Tetrachloride

Concen: 17.624 ug/l

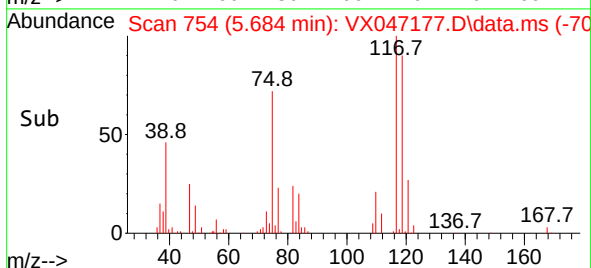
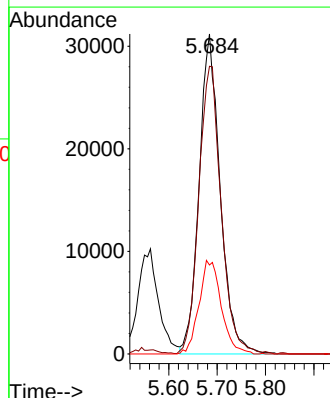
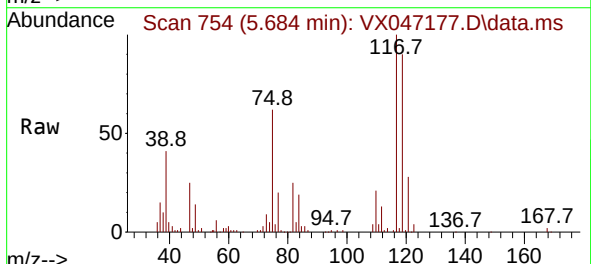
RT: 5.684 min Scan# 754

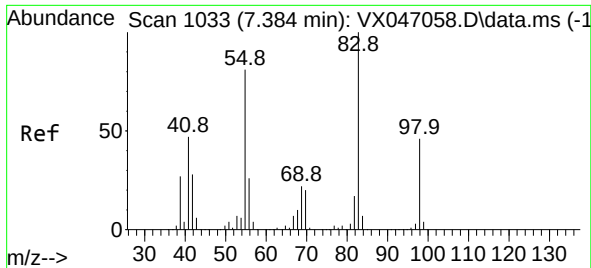
Delta R.T. -0.006 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

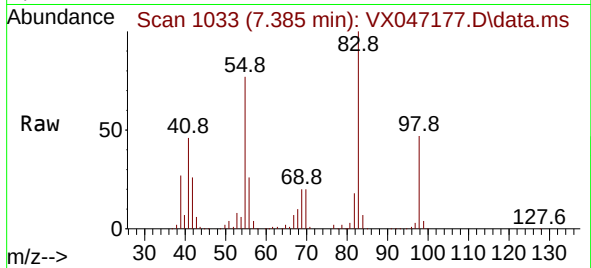
Tgt Ion:	117	Resp:	94595
Ion Ratio	Lower	Upper	
117	100		
119	89.6	76.6	115.0
121	27.8	24.4	36.6





#39
Methylcyclohexane
Concen: 17.853 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

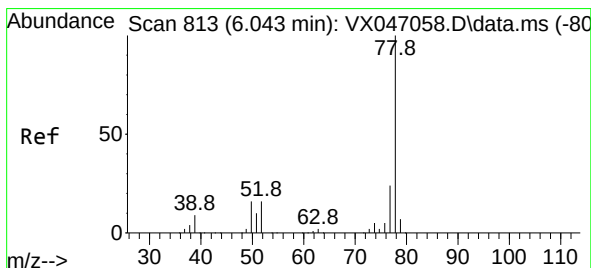
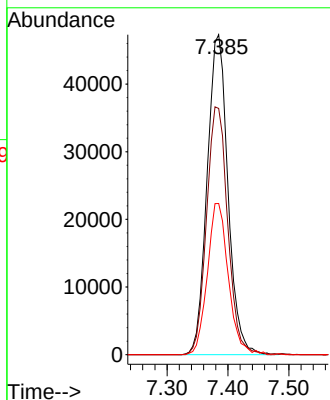
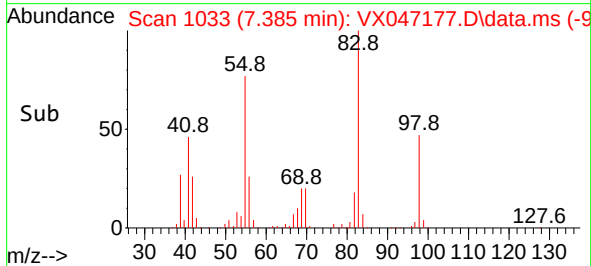
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion: 83 Resp: 11209
Ion Ratio Lower Upper
83 100
55 76.9 64.5 96.7
98 47.3 36.9 55.3

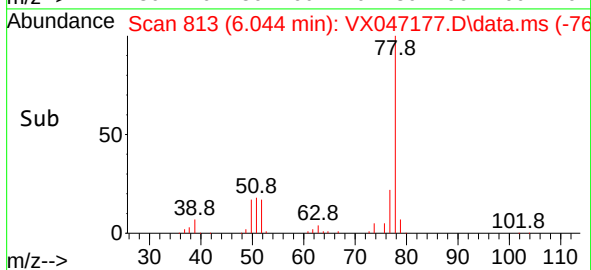
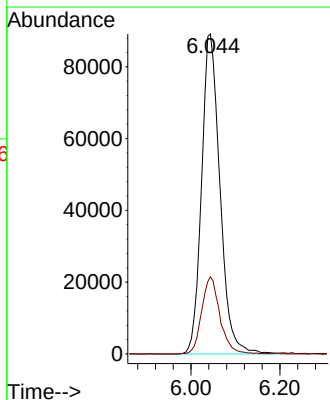
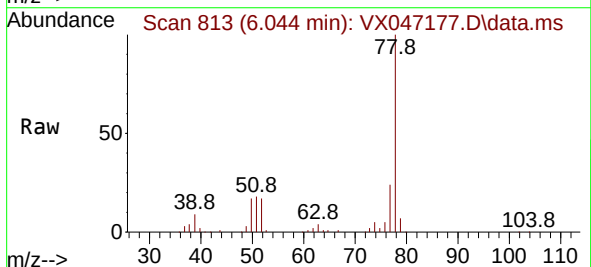
Manual Integrations
APPROVED

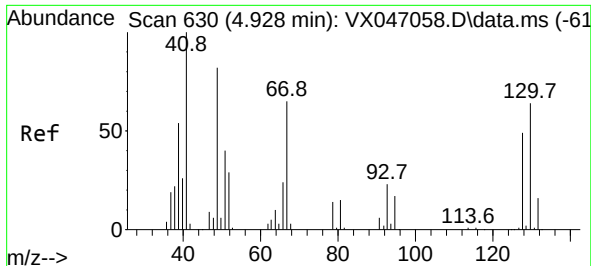
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#40
Benzene
Concen: 17.666 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Tgt Ion: 78 Resp: 257102
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4





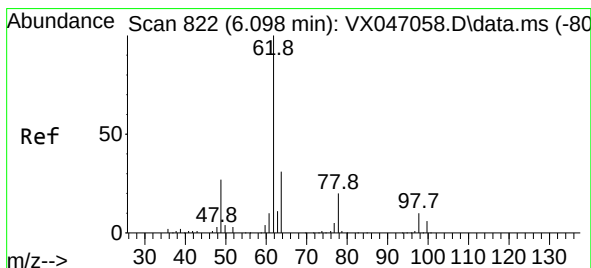
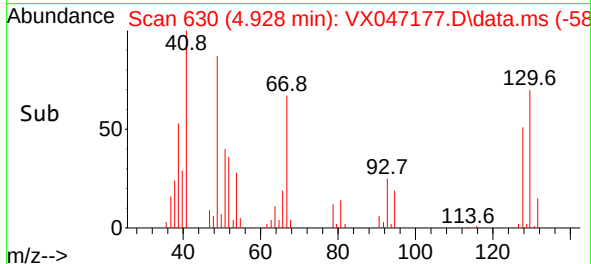
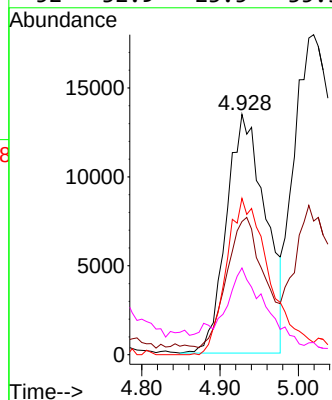
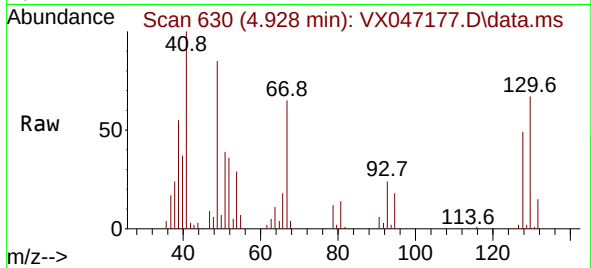
#41
Methacrylonitrile
Concen: 19.249 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tgt Ion: 41 Resp: 4663
Ion Ratio Lower Upper
41 100
39 52.0 44.2 66.2
67 72.7 56.4 84.6
52 32.9 23.5 35.3

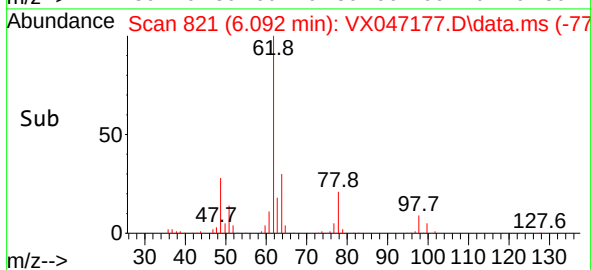
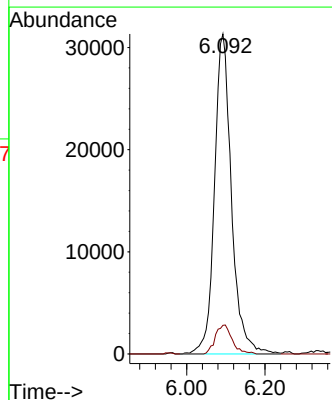
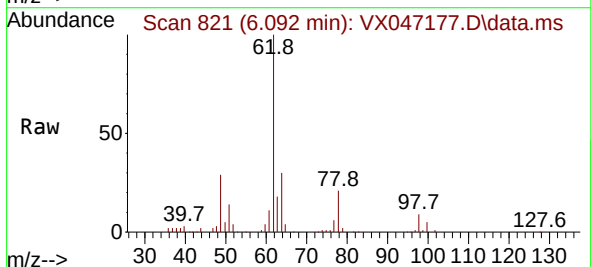
Manual Integrations
APPROVED

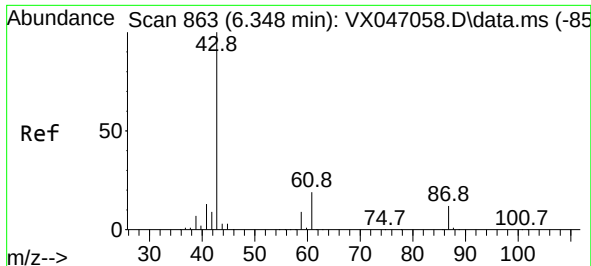
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#42
1,2-Dichloroethane
Concen: 18.411 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Tgt Ion: 62 Resp: 94387
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.8





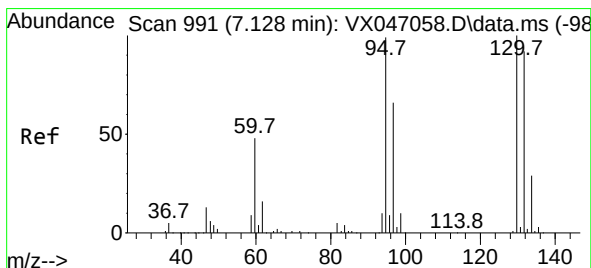
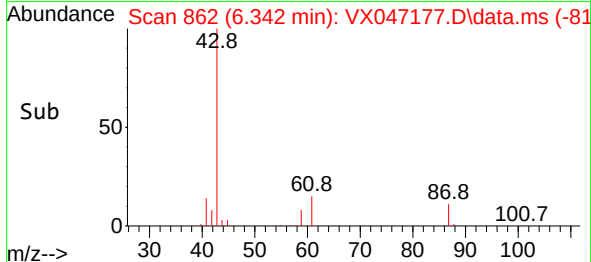
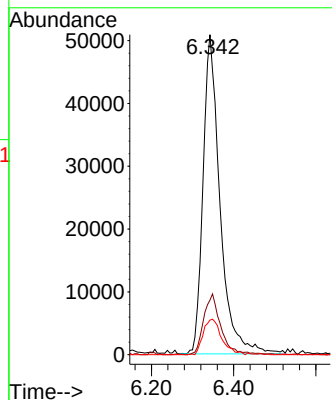
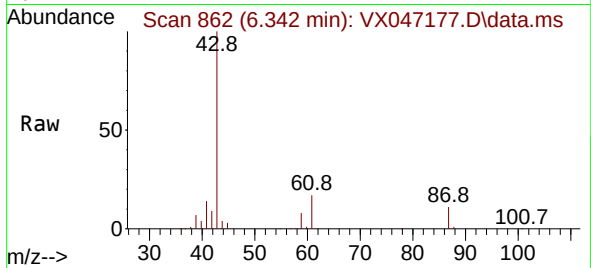
#43
Isopropyl Acetate
Concen: 20.181 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tgt Ion: 43 Resp: 14578
Ion Ratio Lower Upper
43 100
61 19.2 15.1 22.7
87 12.0 9.7 14.5

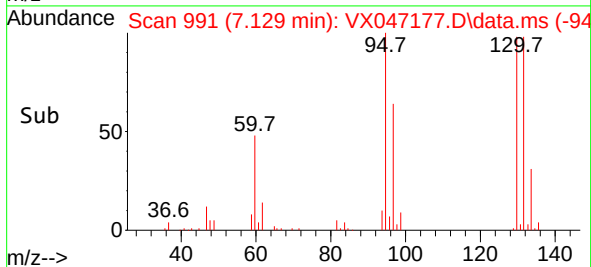
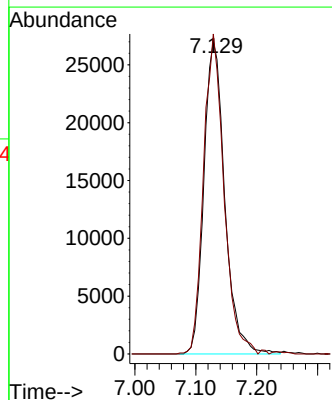
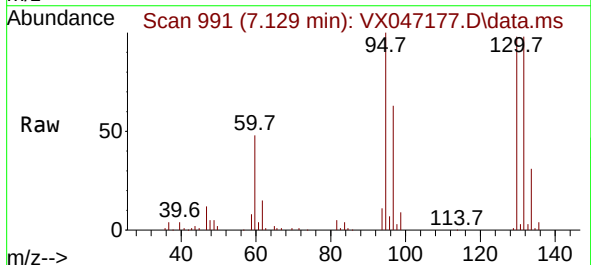
Manual Integrations
APPROVED

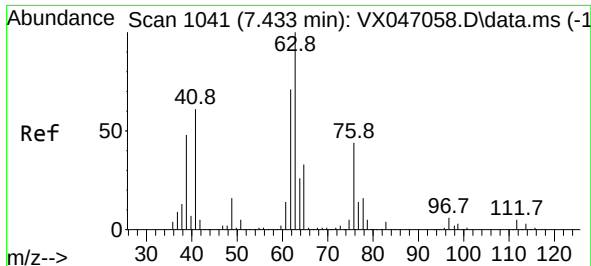
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#44
Trichloroethene
Concen: 17.280 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Tgt Ion:130 Resp: 64487
Ion Ratio Lower Upper
130 100
95 102.0 0.0 198.6





#45

1,2-Dichloropropane

Concen: 18.166 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tgt Ion: 63 Resp: 6621

Ion Ratio Lower Upper

63 100

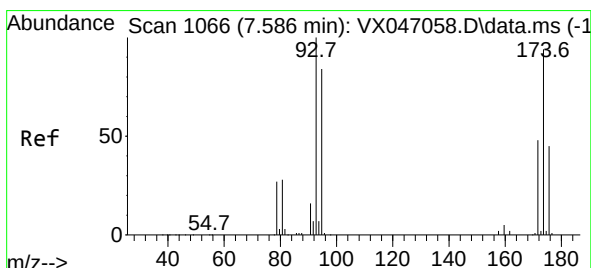
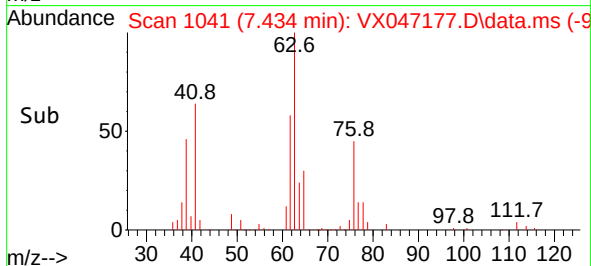
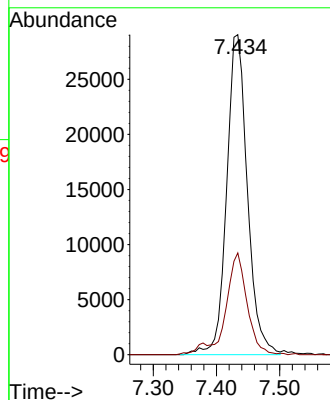
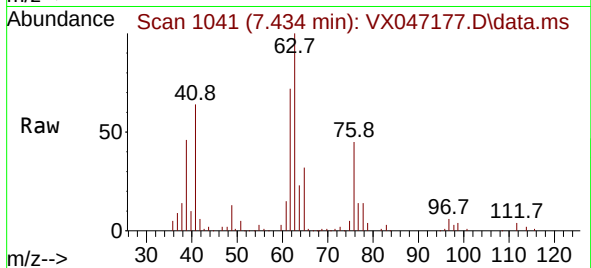
65 31.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#46

Dibromomethane

Concen: 18.473 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

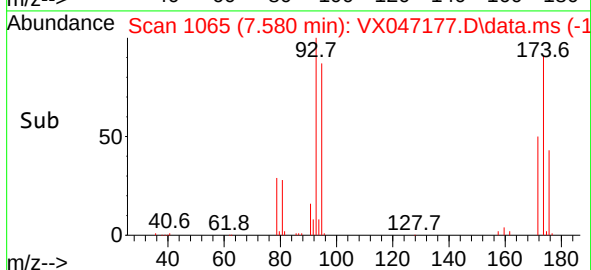
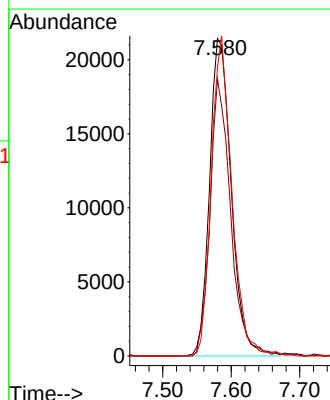
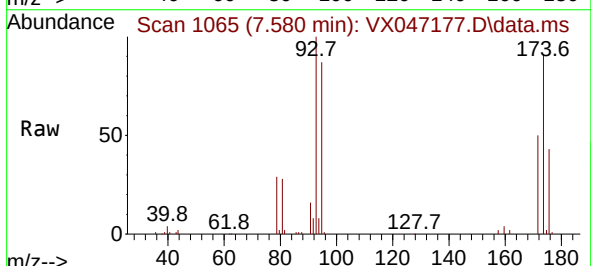
Tgt Ion: 93 Resp: 47220

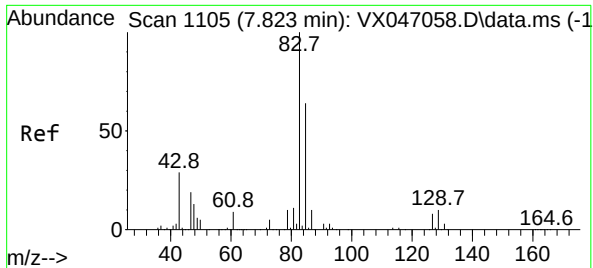
Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

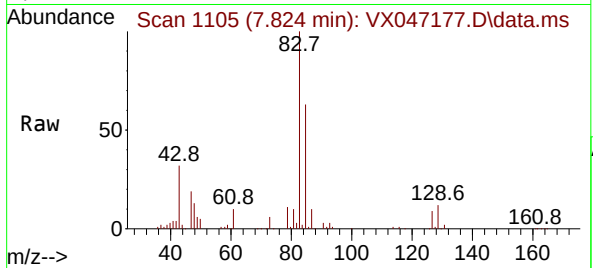
174 95.5 74.6 112.0





#47
Bromodichloromethane
Concen: 18.170 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

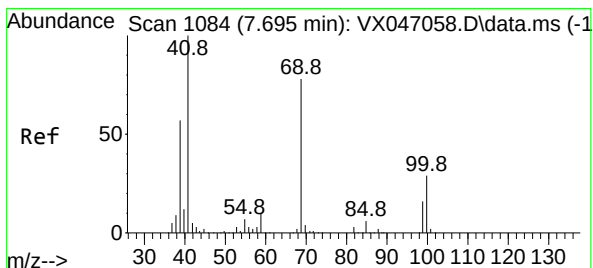
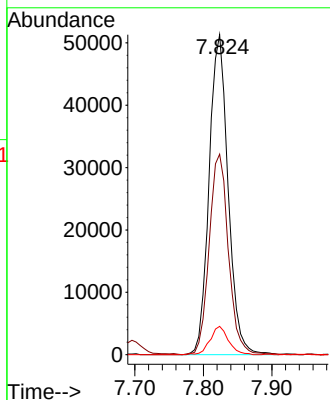
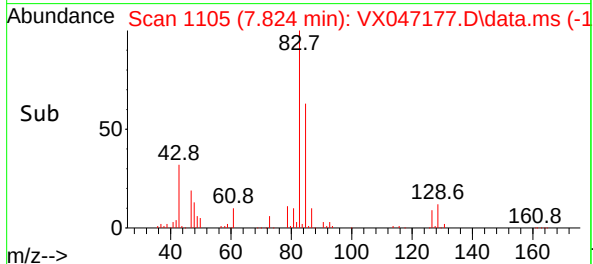
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



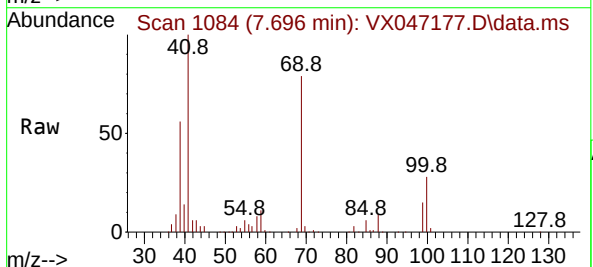
Tgt Ion: 83 Resp: 9885
Ion Ratio Lower Upper
83 100
85 61.1 49.9 74.9
127 8.7 6.6 10.0

Manual Integrations
APPROVED

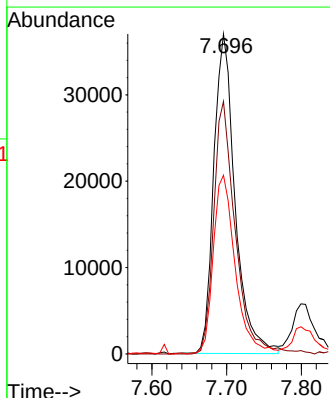
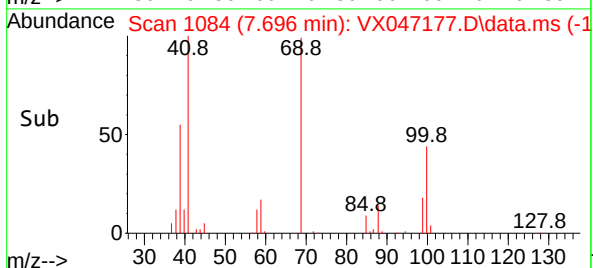
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

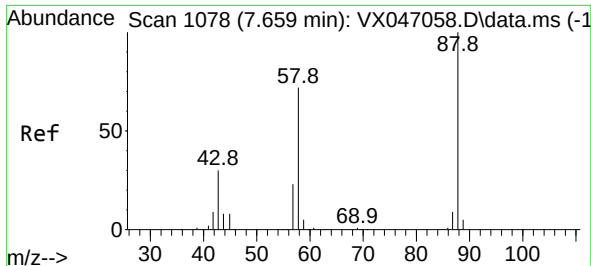


#48
Methyl methacrylate
Concen: 18.631 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17



Tgt Ion: 41 Resp: 73322
Ion Ratio Lower Upper
41 100
69 80.2 62.3 93.5
39 57.8 44.8 67.2





#49

1,4-Dioxane

Concen: 467.896 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.061 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

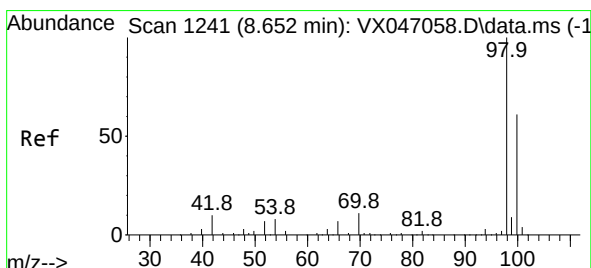
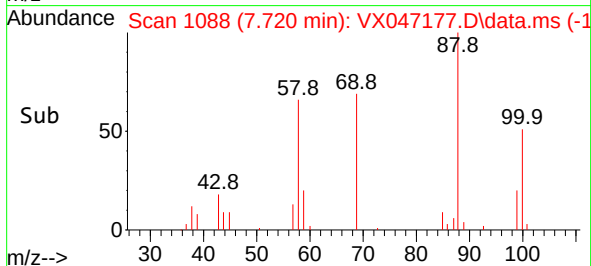
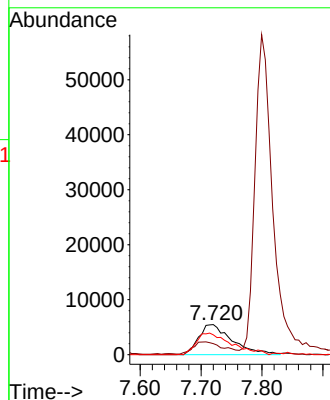
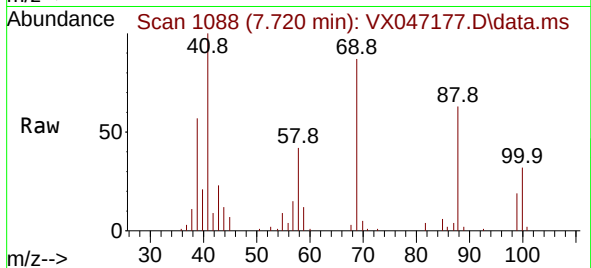
Tgt Ion: 88	Resp: 2094
Ion Ratio	Lower Upper
88 100	
43 36.5	33.6 50.4
58 75.4	58.8 88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#50

Toluene-d8

Concen: 48.408 ug/l

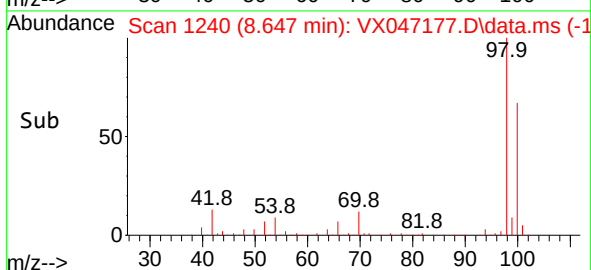
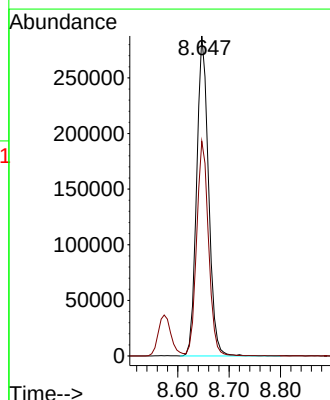
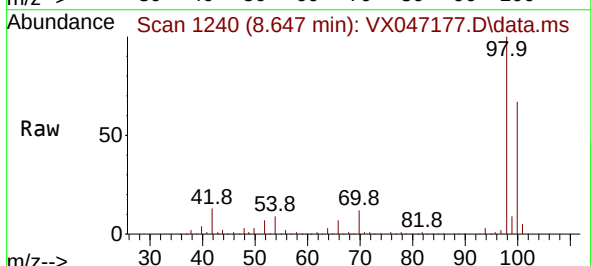
RT: 8.647 min Scan# 1240

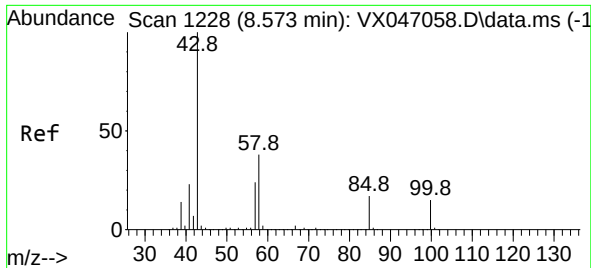
Delta R.T. -0.006 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

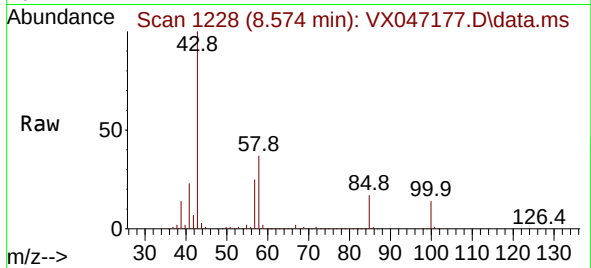
Tgt Ion: 98	Resp: 462494
Ion Ratio	Lower Upper
98 100	
100 67.2	53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 104.065 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

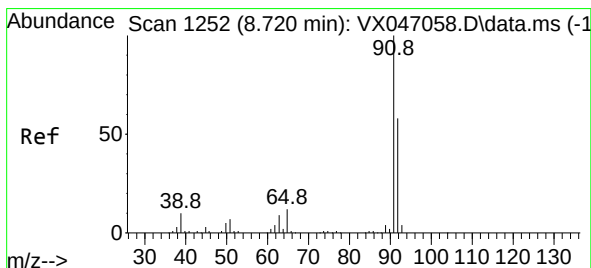
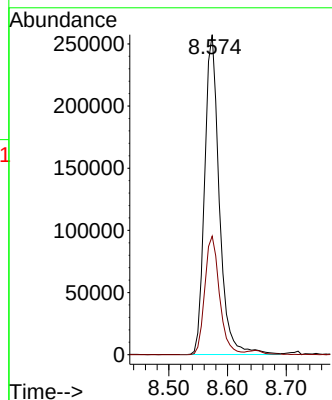
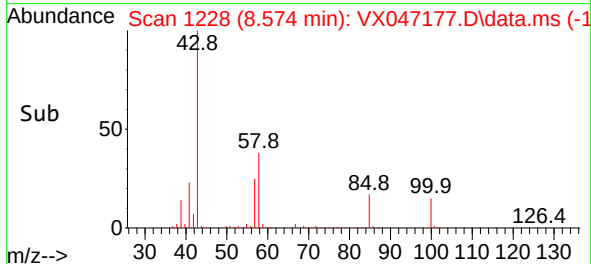
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion: 43 Resp: 446839
Ion Ratio Lower Upper
43 100
58 37.3 30.6 45.8

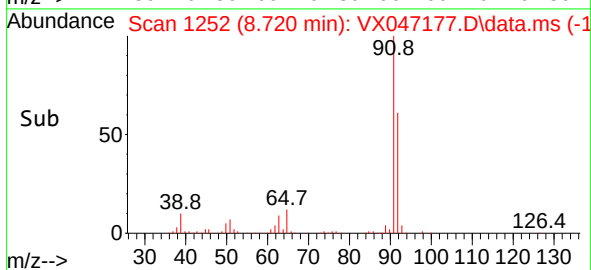
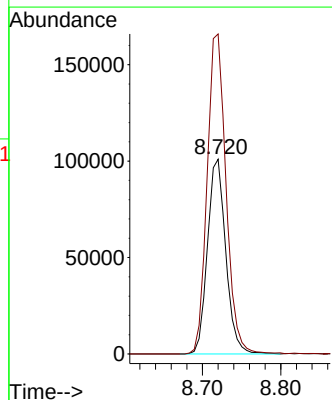
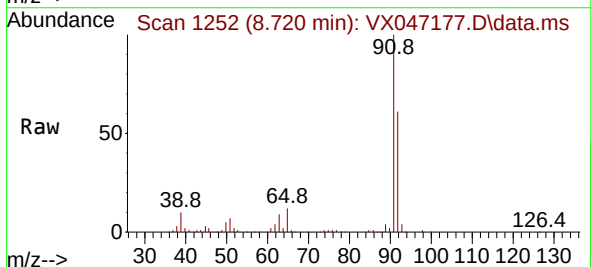
Manual Integrations
APPROVED

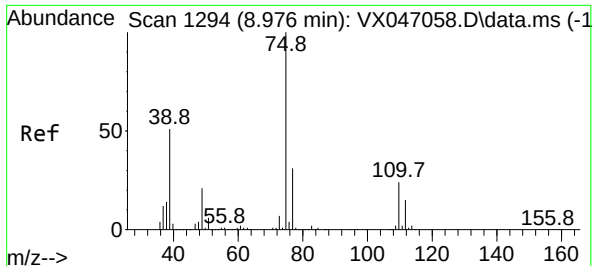
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#52
Toluene
Concen: 18.295 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Tgt Ion: 92 Resp: 163718
Ion Ratio Lower Upper
92 100
91 169.8 137.9 206.9





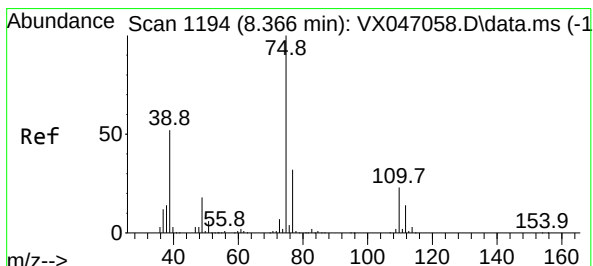
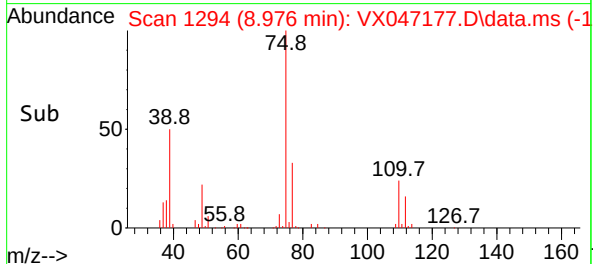
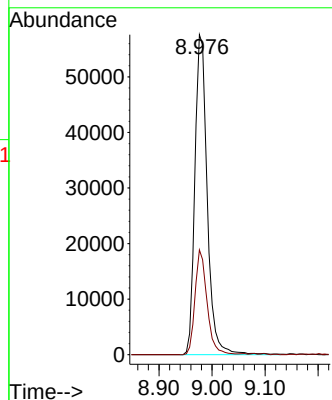
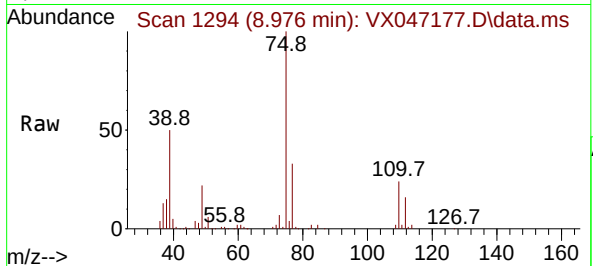
#53
 t-1,3-Dichloropropene
 Concen: 18.159 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX047177.D
 Acq: 29 Jul 2025 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Tgt Ion: 75 Resp: 9329
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.5 36.7

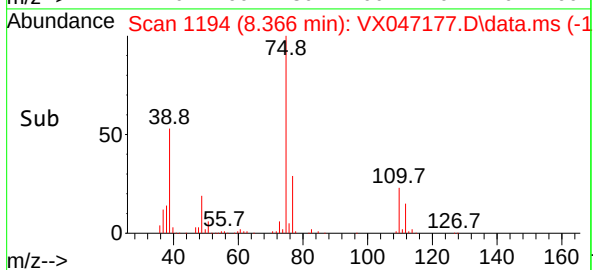
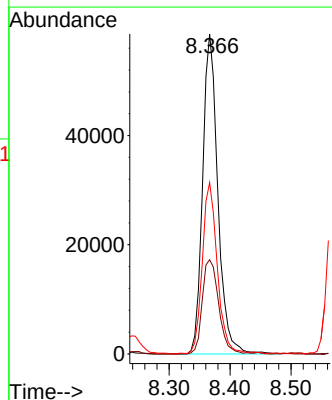
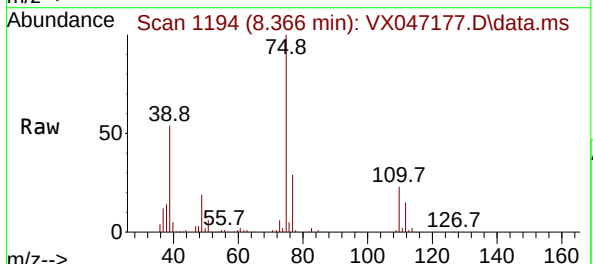
Manual Integrations
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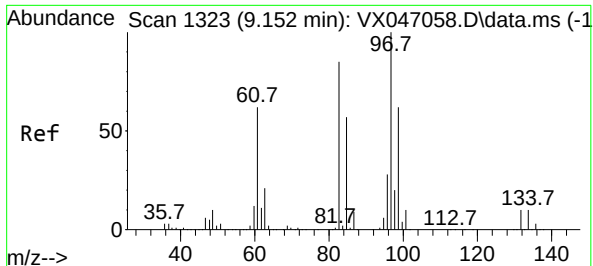
Reviewed By :John Carlone 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025



#54
 cis-1,3-Dichloropropene
 Concen: 18.104 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX047177.D
 Acq: 29 Jul 2025 16:17

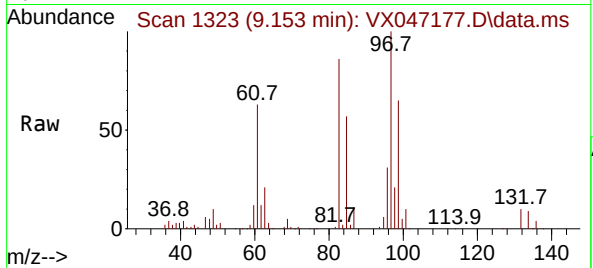
Tgt Ion: 75 Resp: 101802
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.4 38.0
 39 51.7 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 18.736 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

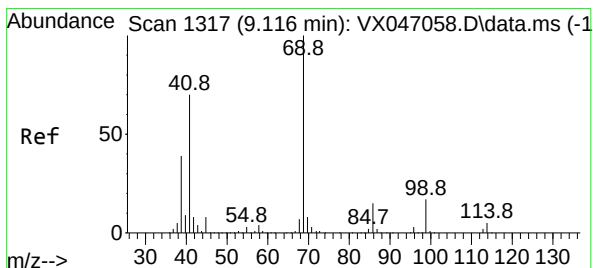
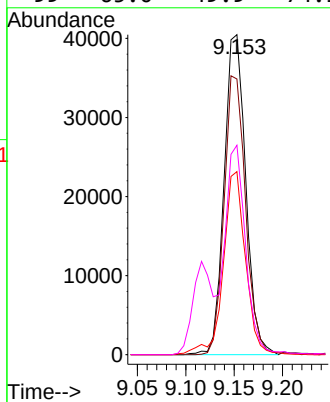
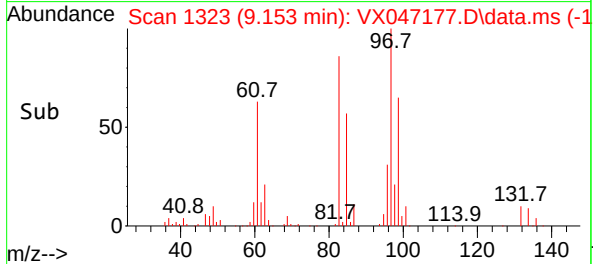
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



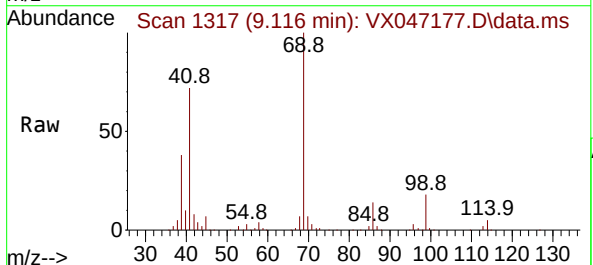
Tgt Ion: 97 Resp: 62870
Ion Ratio Lower Upper
97 100
83 86.2 68.0 102.0
85 56.9 45.2 67.8
99 65.0 49.9 74.9

Manual Integrations
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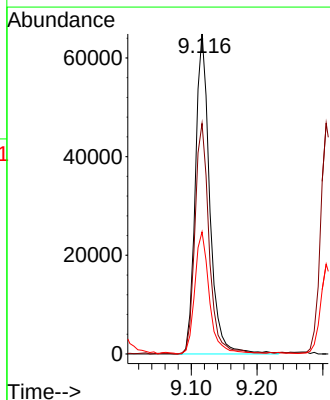
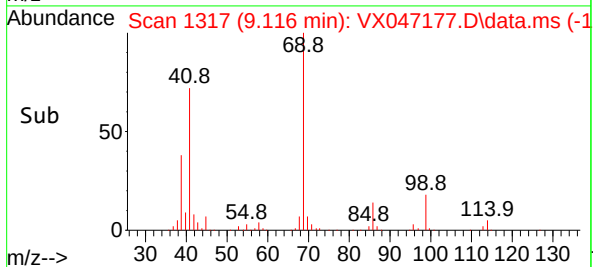
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

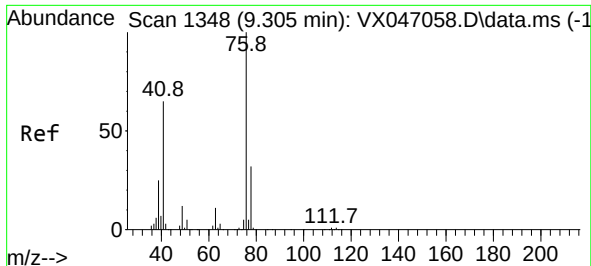


#56
Ethyl methacrylate
Concen: 19.737 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17



Tgt Ion: 69 Resp: 98055
Ion Ratio Lower Upper
69 100
41 71.3 56.1 84.1
39 39.1 31.1 46.7





#57

1,3-Dichloropropane

Concen: 18.374 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tgt Ion: 76 Resp: 107160

Ion Ratio Lower Upper

76 100

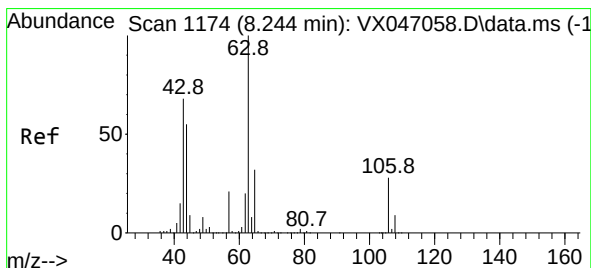
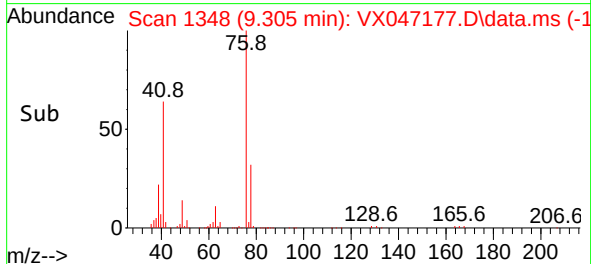
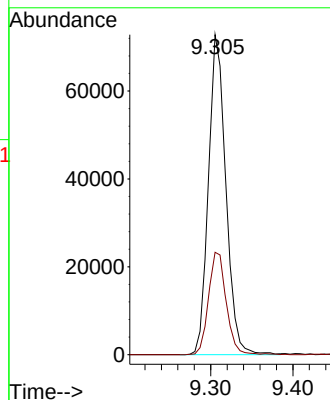
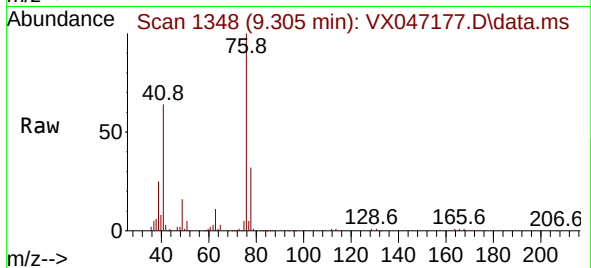
78 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 94.501 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047177.D

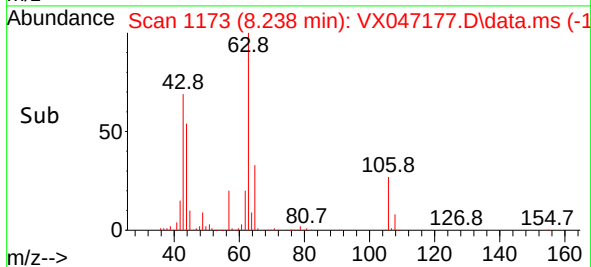
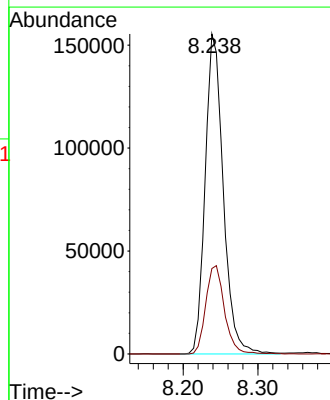
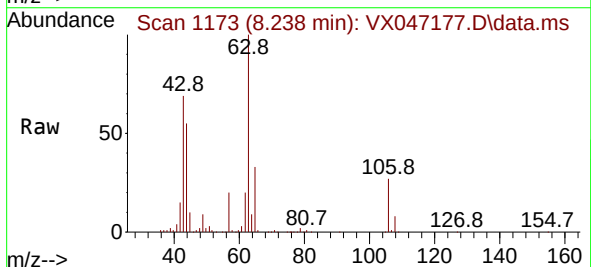
Acq: 29 Jul 2025 16:17

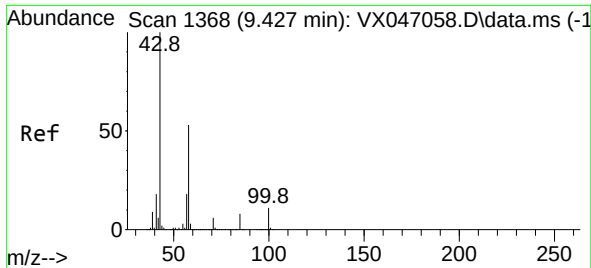
Tgt Ion: 63 Resp: 261263

Ion Ratio Lower Upper

63 100

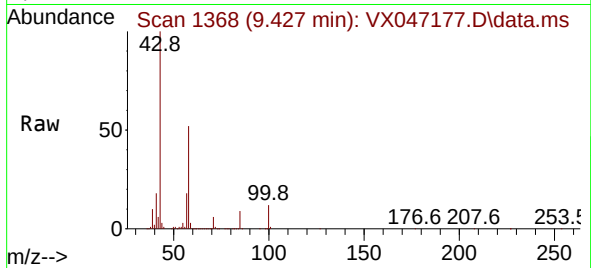
106 28.5 22.2 33.4





#59
2-Hexanone
Concen: 112.265 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

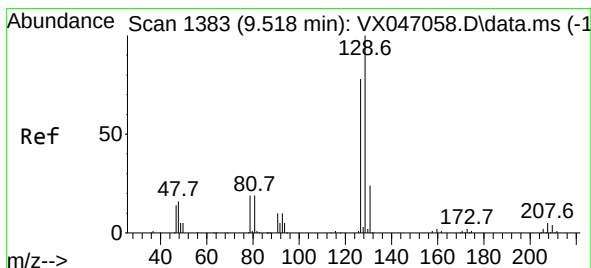
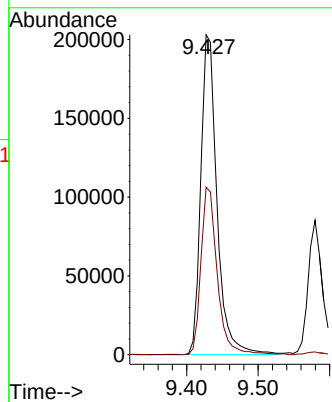
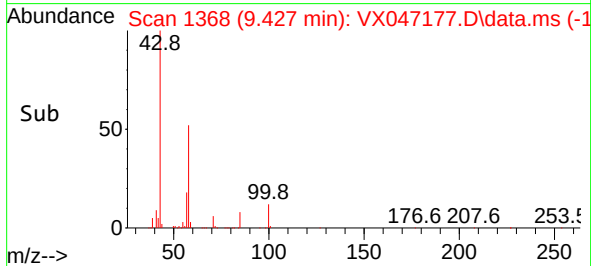
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion: 43 Resp: 31848
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.5

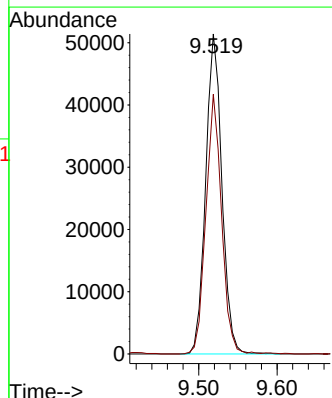
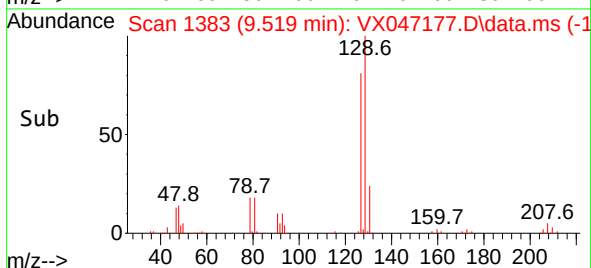
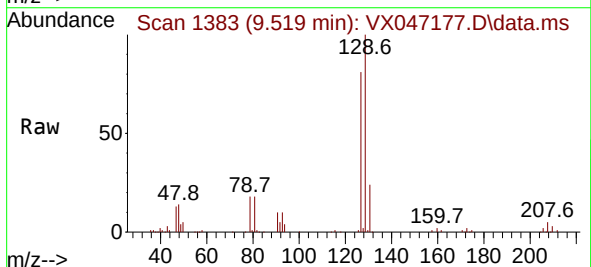
Manual Integrations
APPROVED

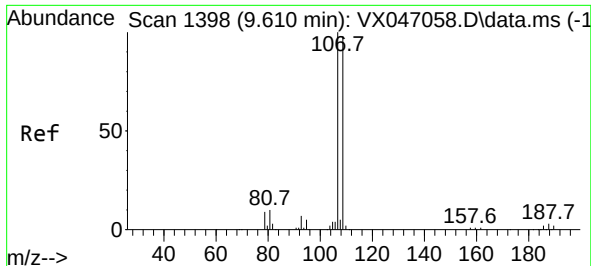
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#60
Dibromochloromethane
Concen: 18.737 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

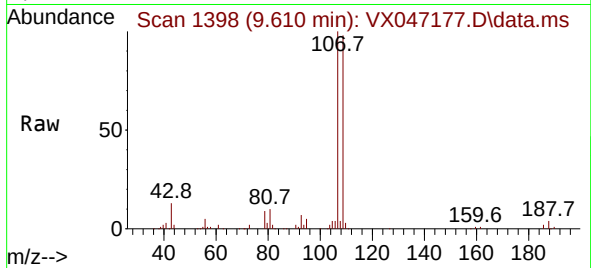
Tgt Ion:129 Resp: 73749
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 18.464 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

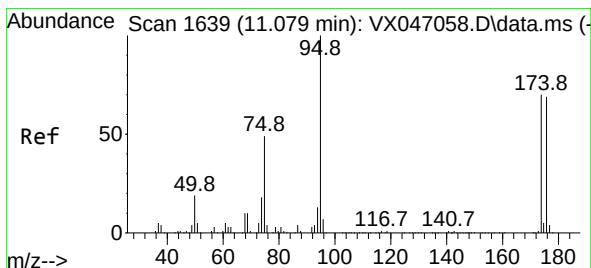
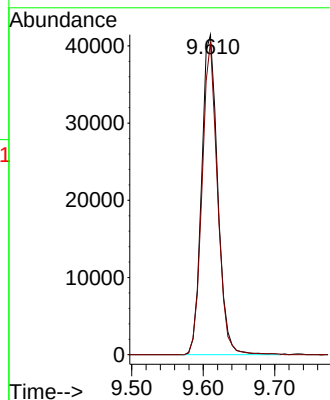
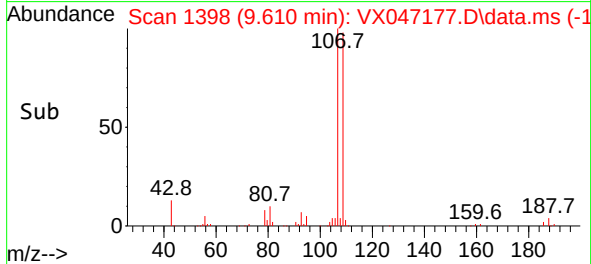
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



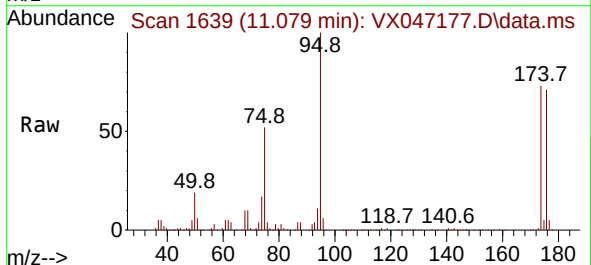
Tgt Ion:107 Resp: 64792
Ion Ratio Lower Upper
107 100
109 93.7 74.6 112.0

Manual Integrations
APPROVED

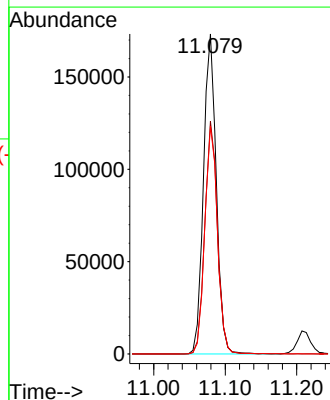
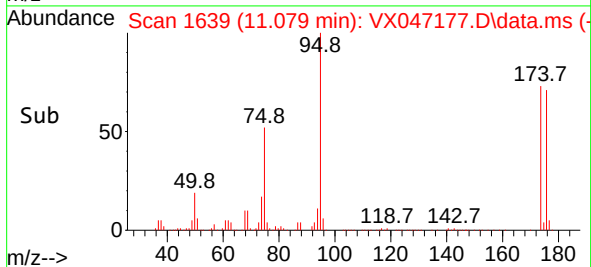
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

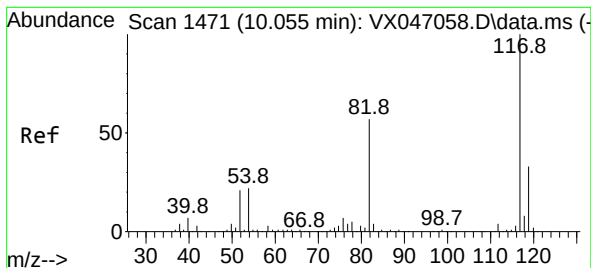


#62
4-Bromofluorobenzene
Concen: 52.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17



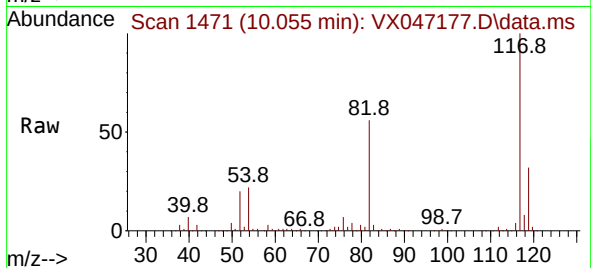
Tgt Ion: 95 Resp: 215190
Ion Ratio Lower Upper
95 100
174 71.7 0.0 144.6
176 70.9 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

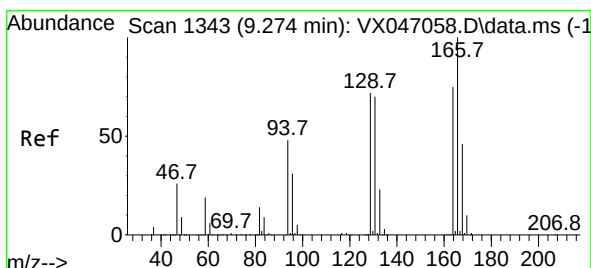
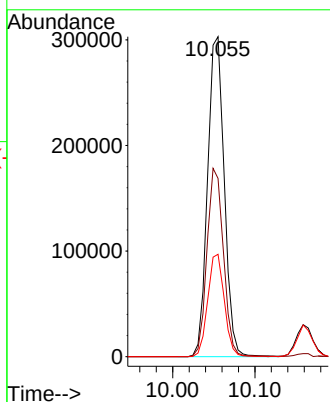
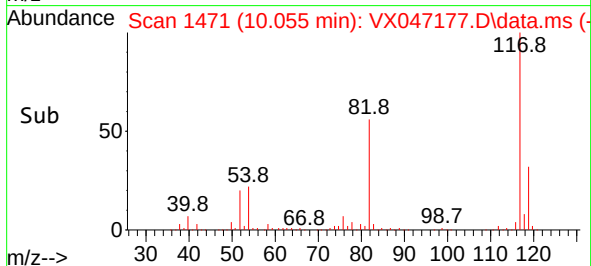
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion:117 Resp: 42790
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.2
119 32.0 26.1 39.1

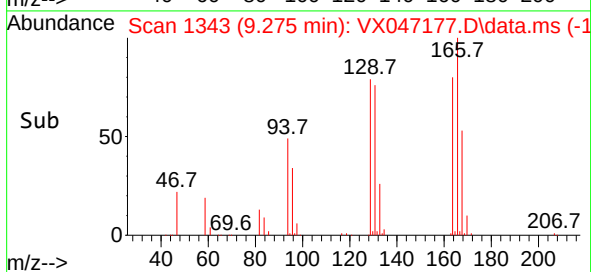
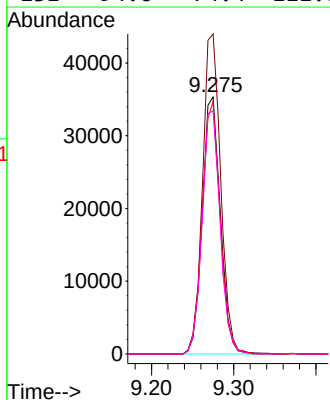
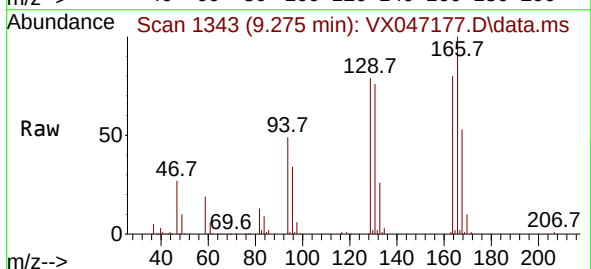
Manual Integrations
APPROVED

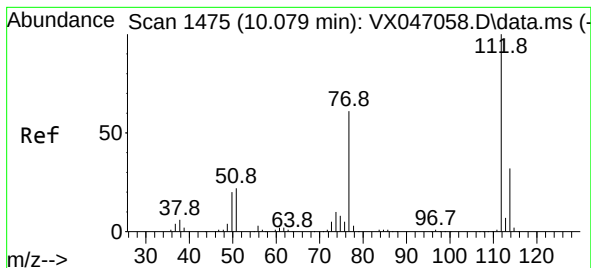
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#64
Tetrachloroethene
Concen: 17.503 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

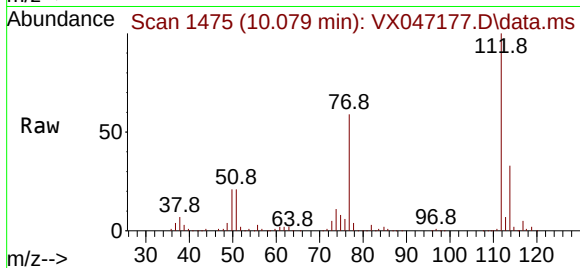
Tgt Ion:164 Resp: 53991
Ion Ratio Lower Upper
164 100
166 124.5 106.2 159.4
129 98.1 76.6 114.8
131 94.6 74.4 111.6





#65
Chlorobenzene
Concen: 17.836 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

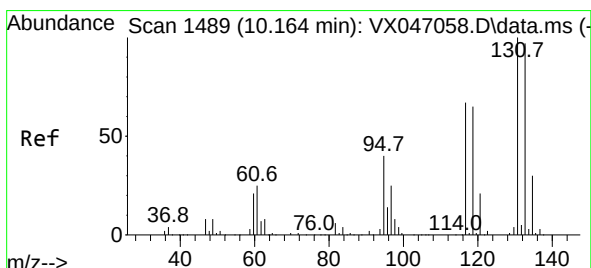
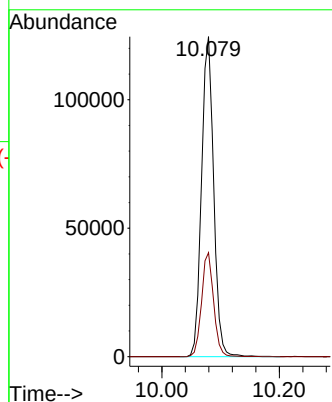
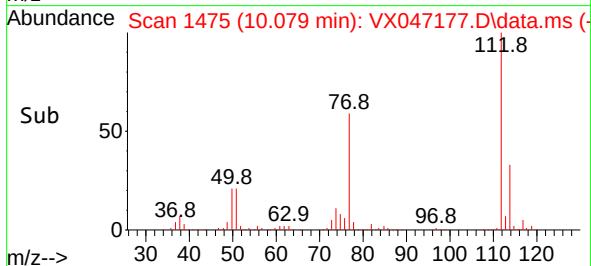
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



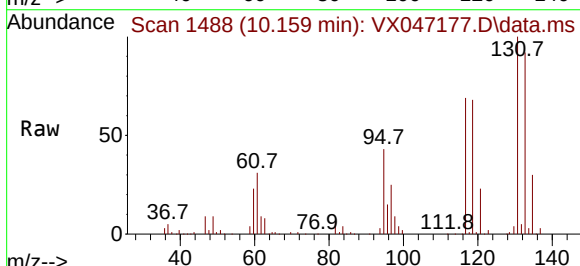
Tgt Ion:112 Resp: 178792
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

Manual Integrations
APPROVED

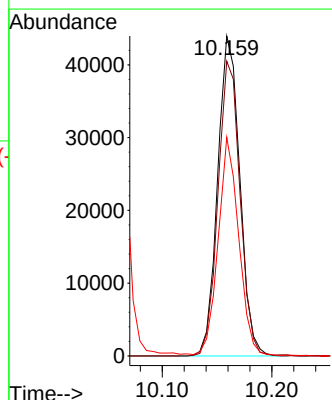
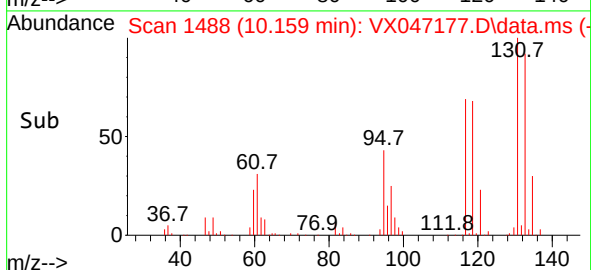
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

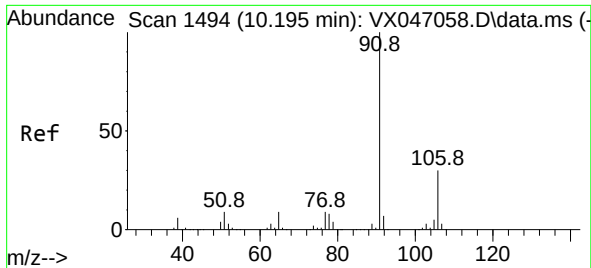


#66
1,1,1,2-Tetrachloroethane
Concen: 18.278 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17



Tgt Ion:131 Resp: 61689
Ion Ratio Lower Upper
131 100
133 92.0 48.4 145.3
119 64.0 32.4 97.0





#67

Ethyl Benzene

Concen: 17.984 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tgt Ion: 91 Resp: 31521

Ion Ratio Lower Upper

91 100

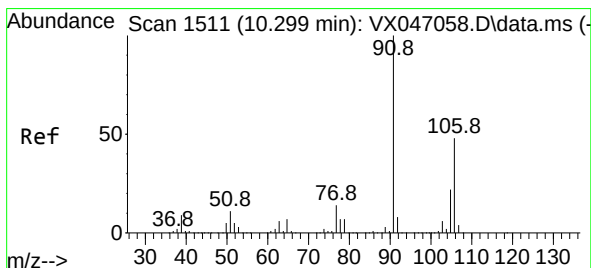
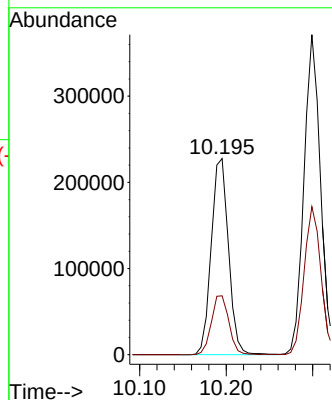
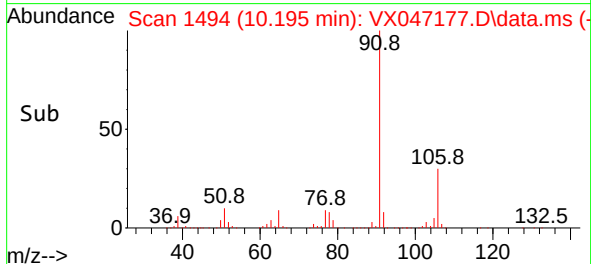
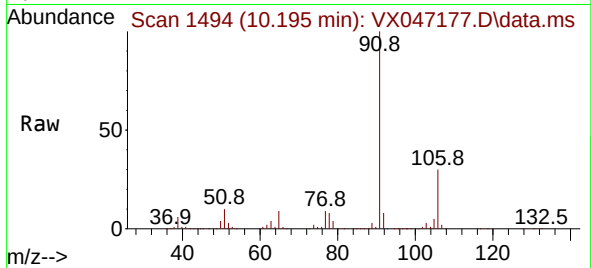
106 30.0 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#68

m/p-Xylenes

Concen: 35.657 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047177.D

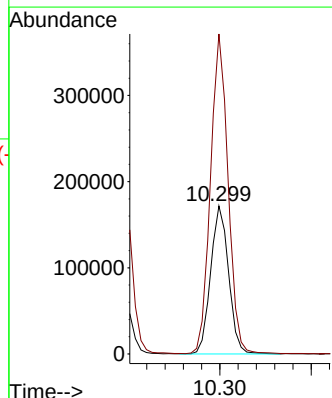
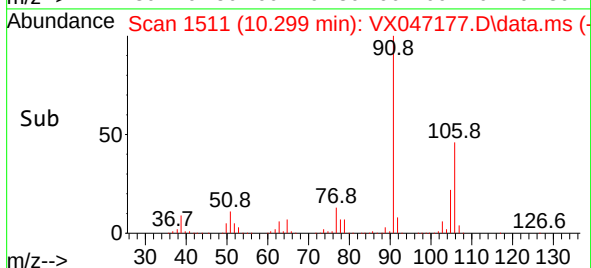
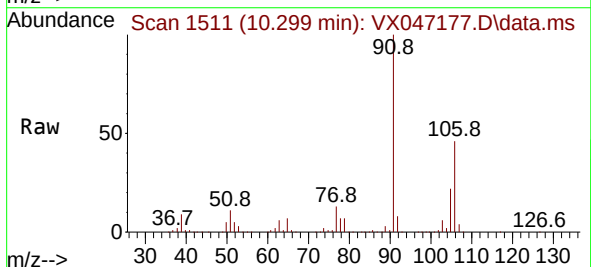
Acq: 29 Jul 2025 16:17

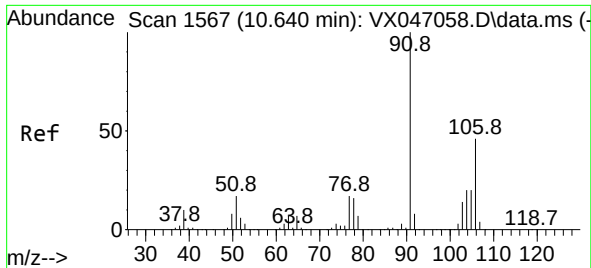
Tgt Ion:106 Resp: 233874

Ion Ratio Lower Upper

106 100

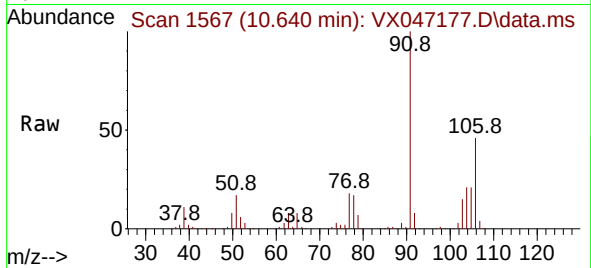
91 211.7 167.4 251.0





#69
o-Xylene
Concen: 18.268 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

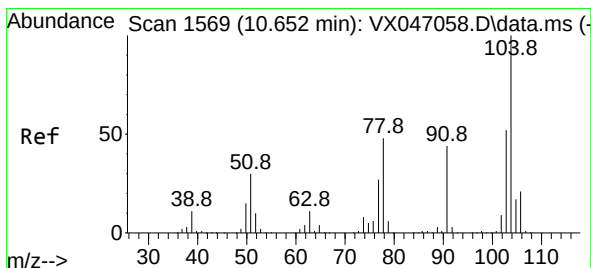
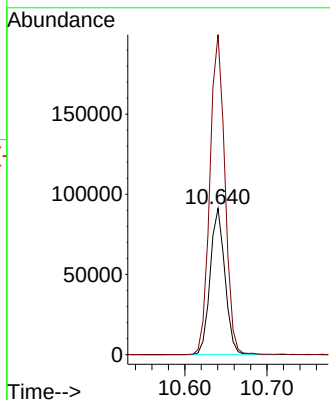
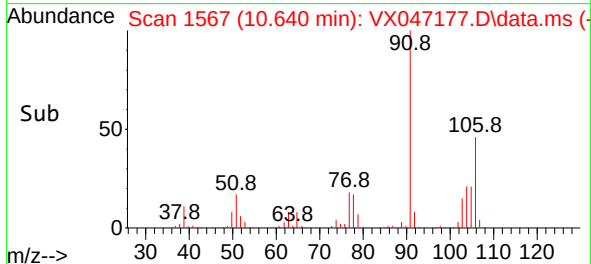
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion:106 Resp: 113985
Ion Ratio Lower Upper
106 100
91 222.2 110.3 331.0

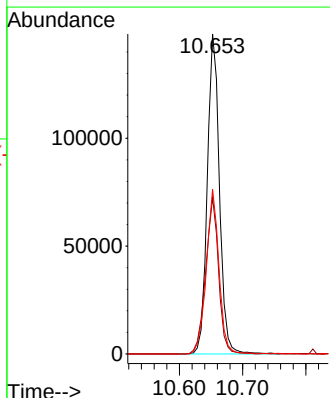
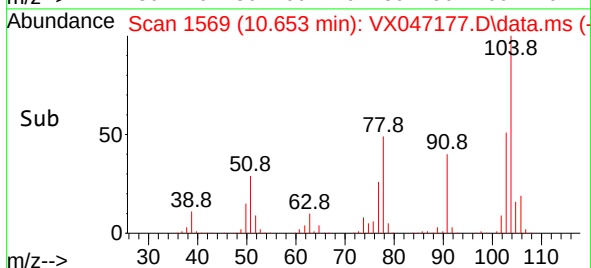
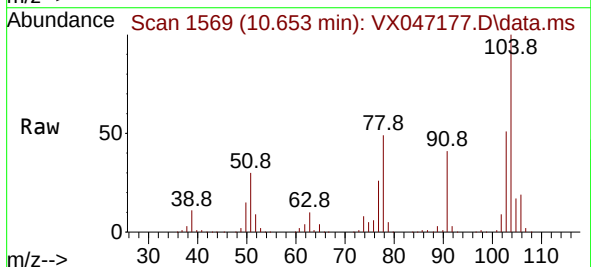
Manual Integrations
APPROVED

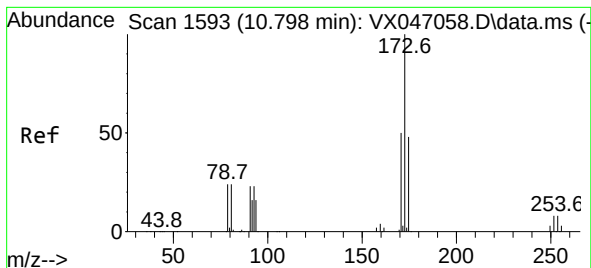
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#70
Styrene
Concen: 18.540 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Tgt Ion:104 Resp: 198375
Ion Ratio Lower Upper
104 100
78 52.1 42.0 63.0
103 53.7 43.8 65.6





#71

Bromoform

Concen: 18.620 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

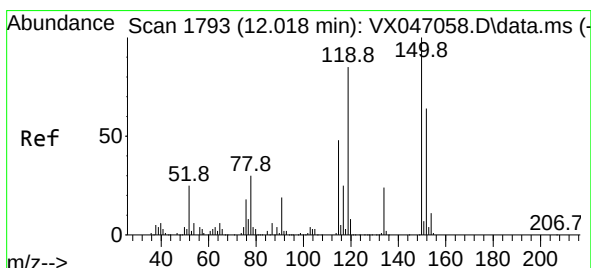
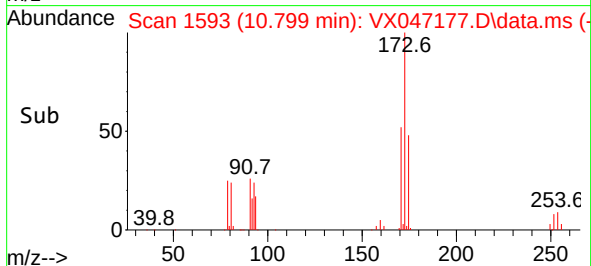
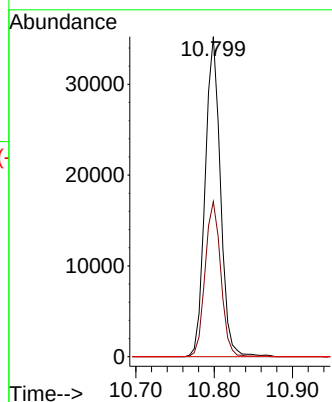
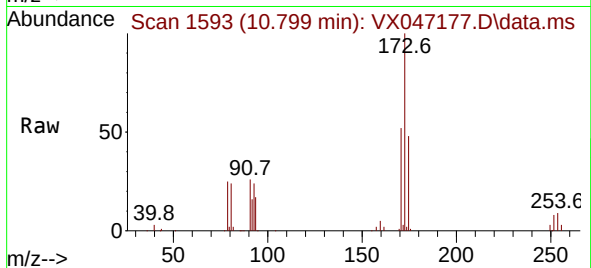
Tgt Ion:173 Resp: 47730
 Ion Ratio Lower Upper
 173 100
 175 49.6 24.2 72.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

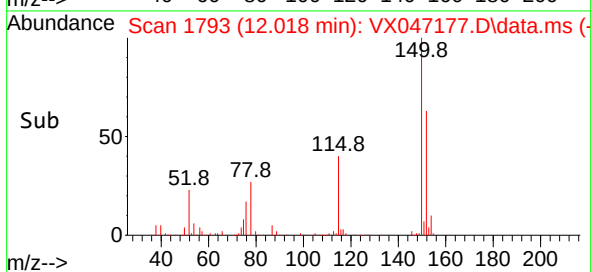
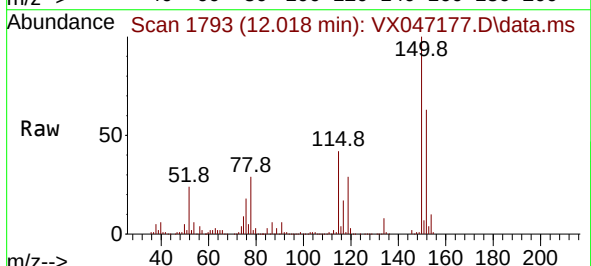
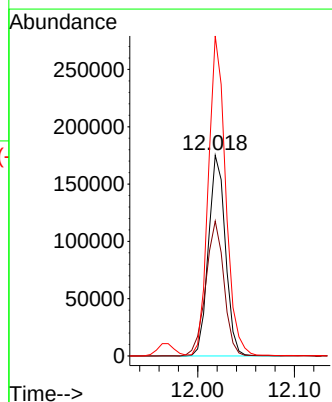
RT: 12.018 min Scan# 1793

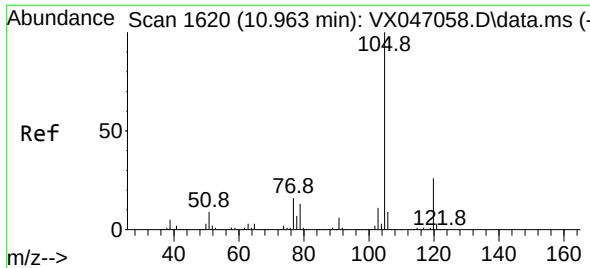
Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Tgt Ion:152 Resp: 213919
 Ion Ratio Lower Upper
 152 100
 115 72.4 45.6 136.7
 150 163.3 0.0 354.6





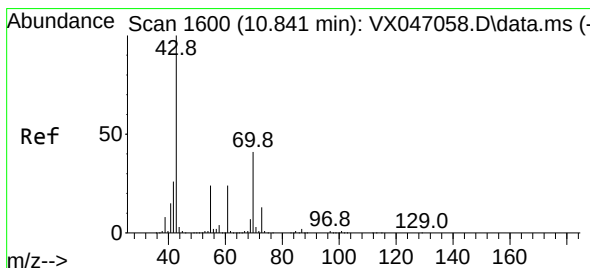
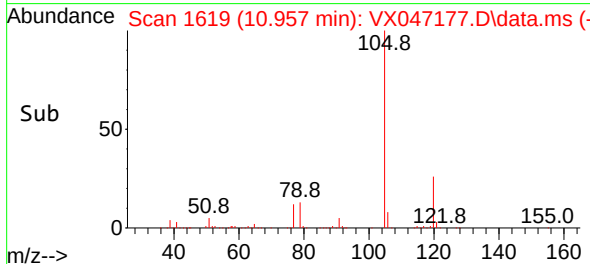
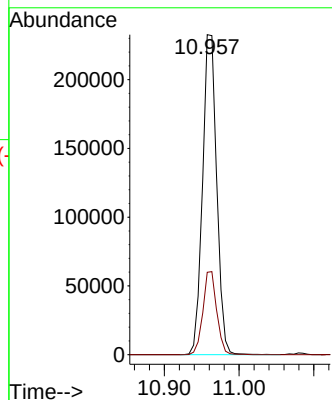
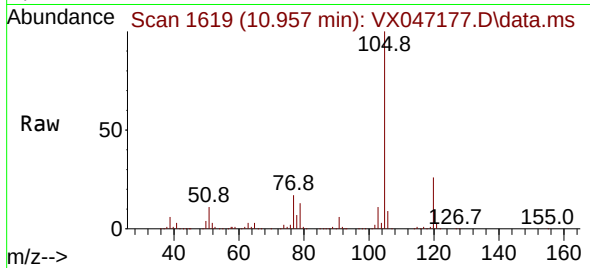
#73
Isopropylbenzene
Concen: 18.179 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tgt Ion:105 Resp: 306810
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.7

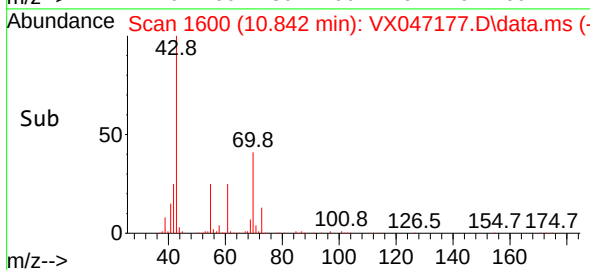
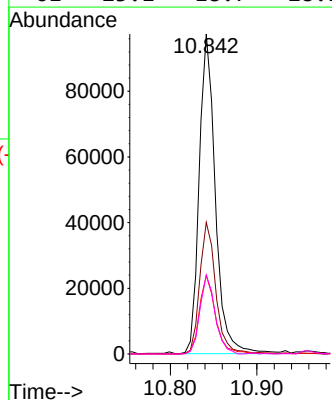
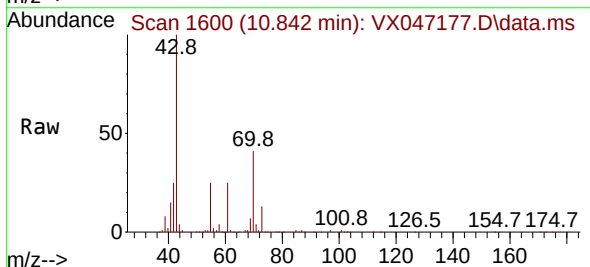
Manual Integrations
APPROVED

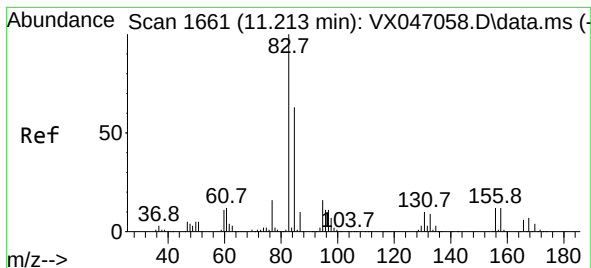
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#74
N-ethyl acetate
Concen: 18.525 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Tgt Ion: 43 Resp: 126148
Ion Ratio Lower Upper
43 100
70 41.3 32.3 48.5
55 24.7 18.9 28.3
61 23.1 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.434 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tgt Ion: 83 Resp: 93680

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

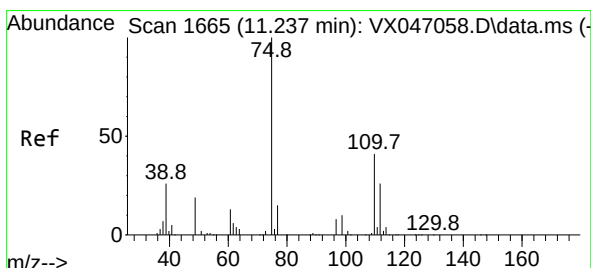
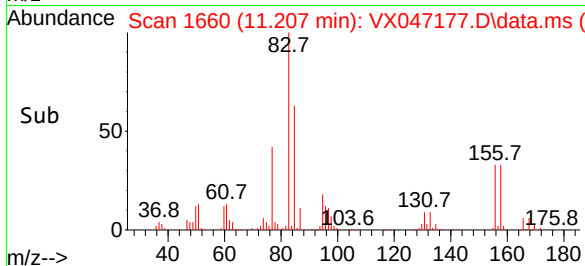
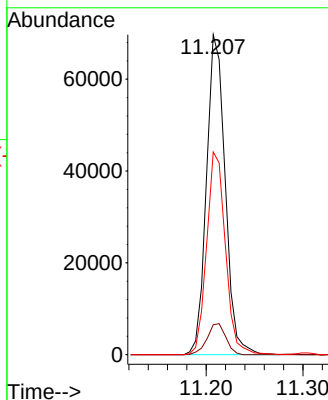
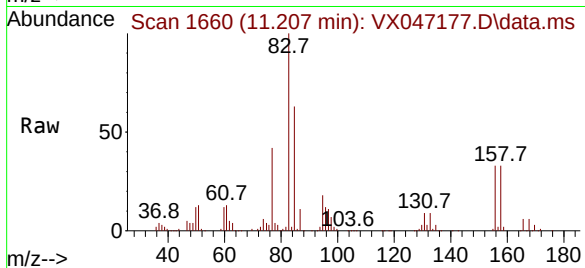
85 63.6 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#76

1,2,3-Trichloropropane

Concen: 19.106 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX047177.D

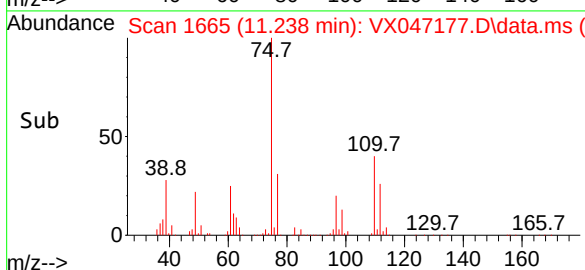
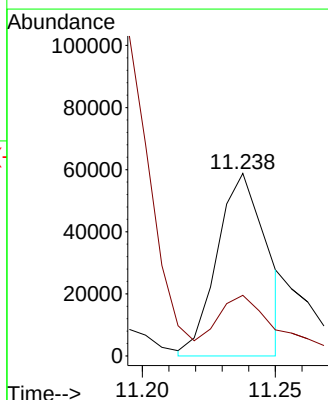
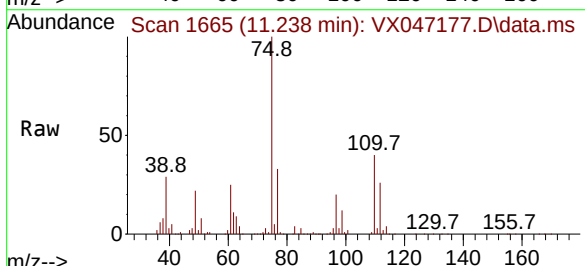
Acq: 29 Jul 2025 16:17

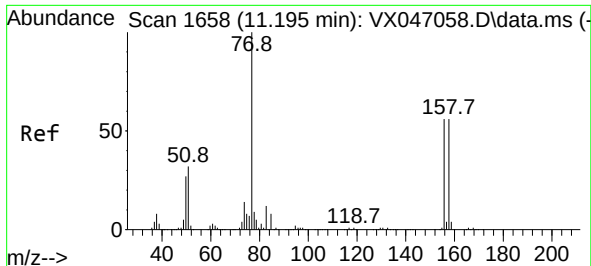
Tgt Ion: 75 Resp: 75649

Ion Ratio Lower Upper

75 100

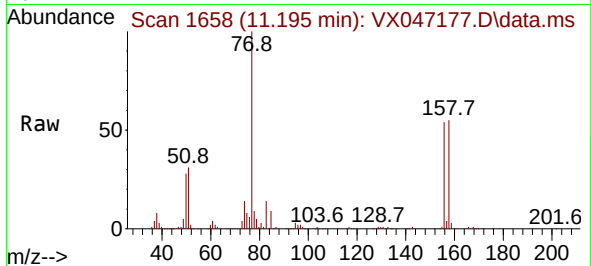
77 41.4 21.6 65.0





#77
Bromobenzene
Concen: 17.722 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

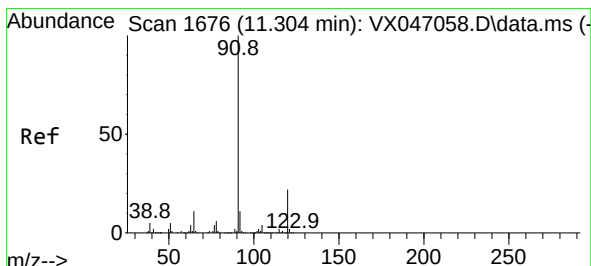
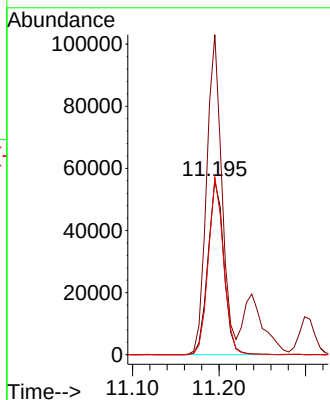
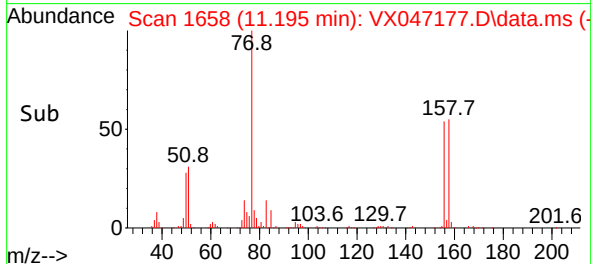
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



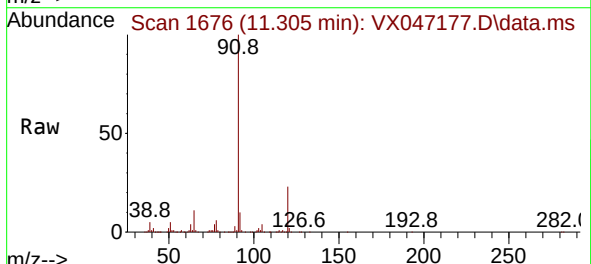
Tgt Ion:156 Resp: 71738
Ion Ratio Lower Upper
156 100
77 175.9 87.3 261.9
158 97.5 48.9 146.6

Manual Integrations
APPROVED

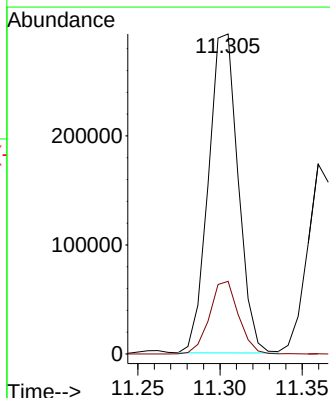
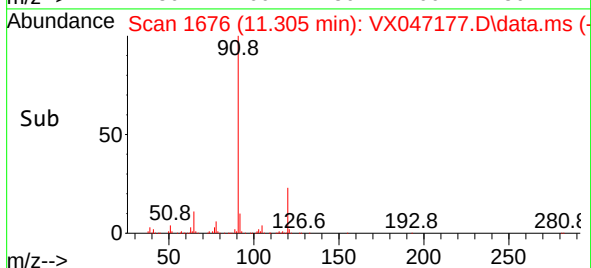
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

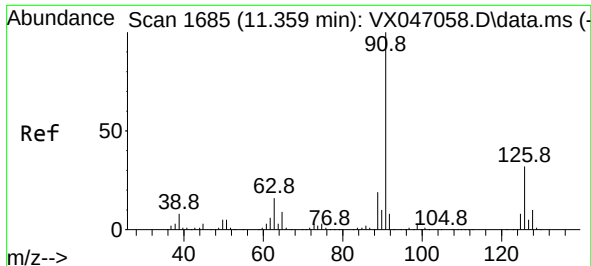


#78
n-propylbenzene
Concen: 18.267 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17



Tgt Ion: 91 Resp: 368405
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





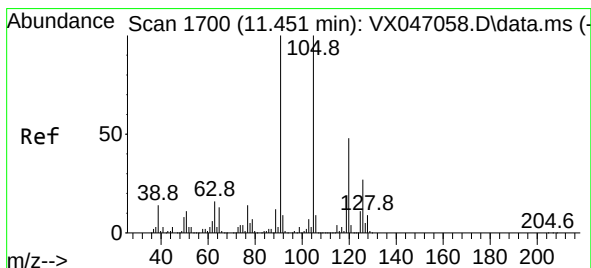
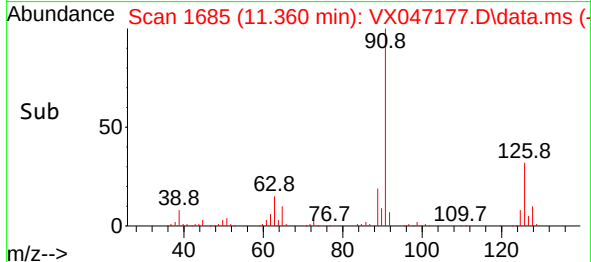
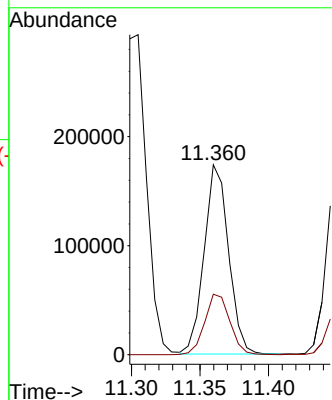
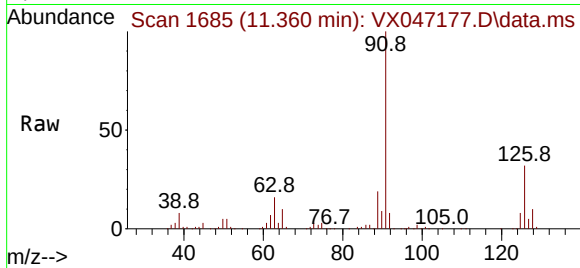
#79
2-Chlorotoluene
Concen: 17.879 ug/l
RT: 11.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tgt Ion: 91 Resp: 215539
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

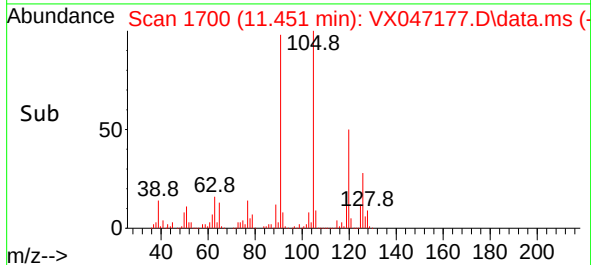
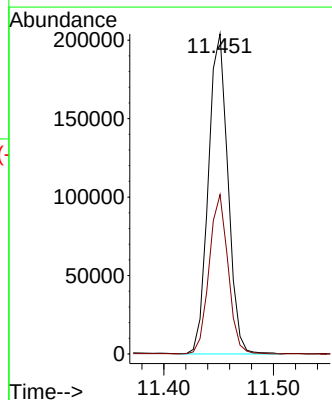
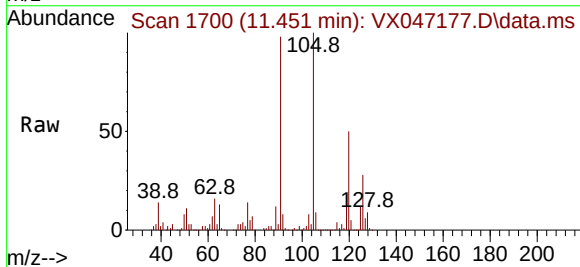
Manual Integrations
APPROVED

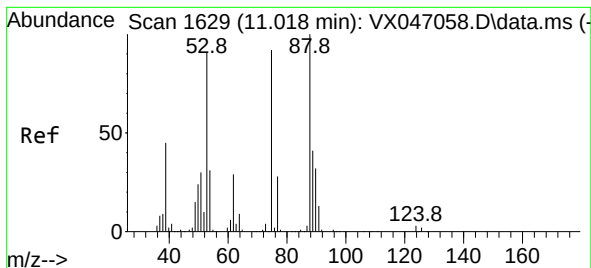
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.159 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

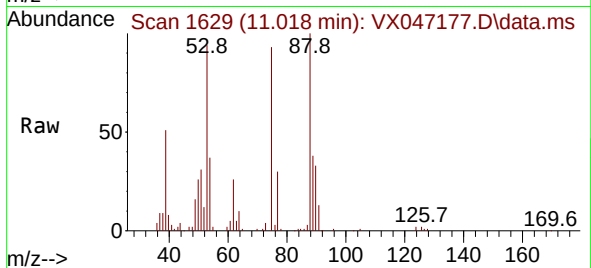
Tgt Ion:105 Resp: 253187
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 13.560 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

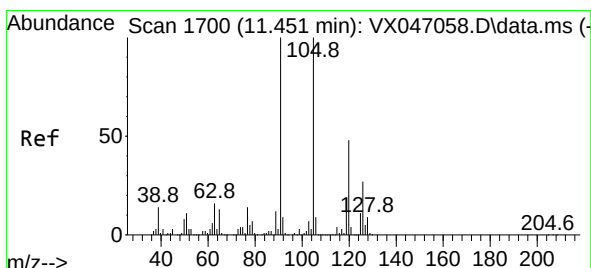
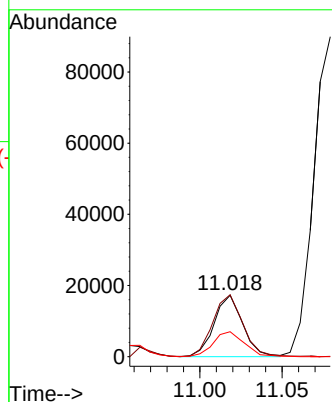
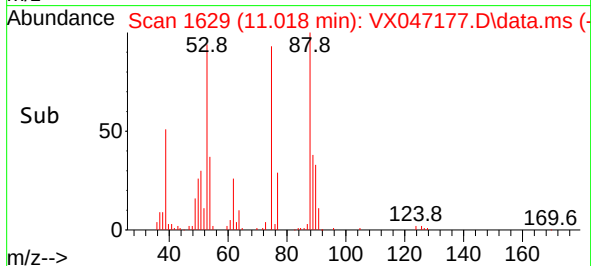
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion: 75 Resp: 20839
Ion Ratio Lower Upper
75 100
53 106.7 84.2 126.4
89 44.5 36.0 54.0

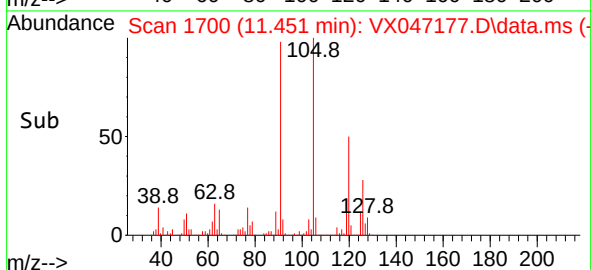
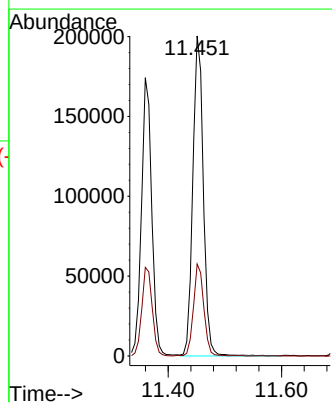
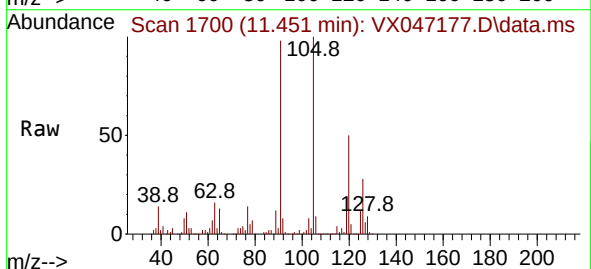
Manual Integrations
APPROVED

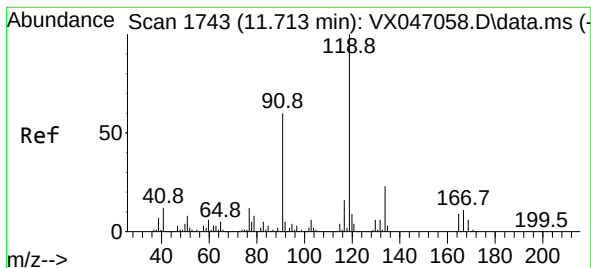
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#82
4-Chlorotoluene
Concen: 18.398 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

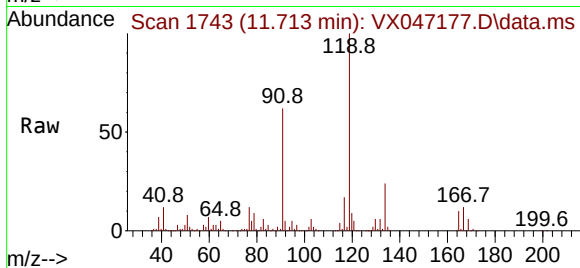
Tgt Ion: 91 Resp: 258882
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.3





#83
tert-Butylbenzene
Concen: 18.523 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

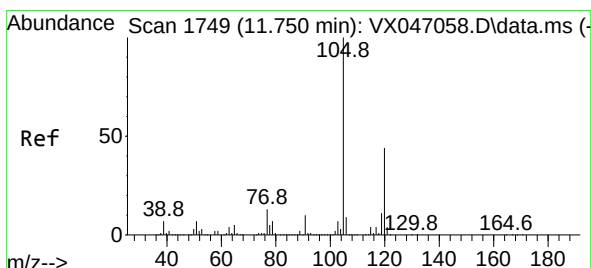
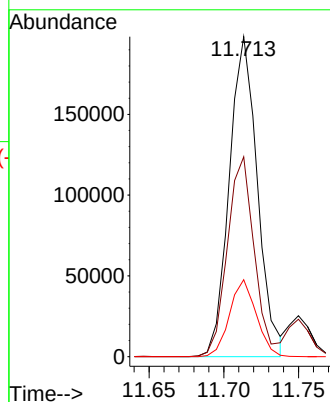
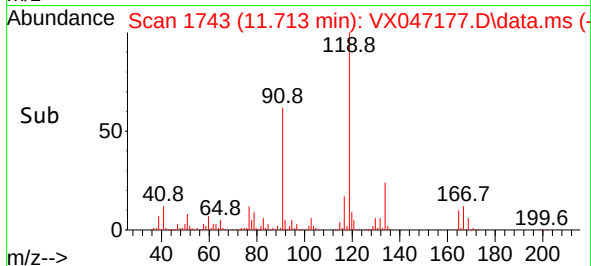
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



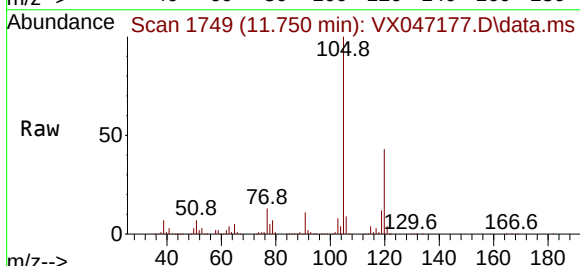
Tgt Ion:119 Resp: 25922
Ion Ratio Lower Upper
119 100
91 60.1 29.6 88.8
134 22.9 11.4 34.1

Manual Integrations
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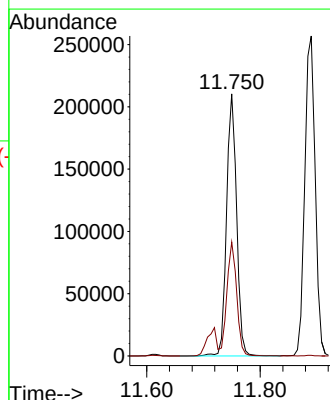
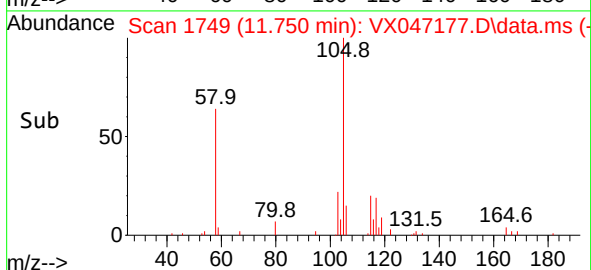
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

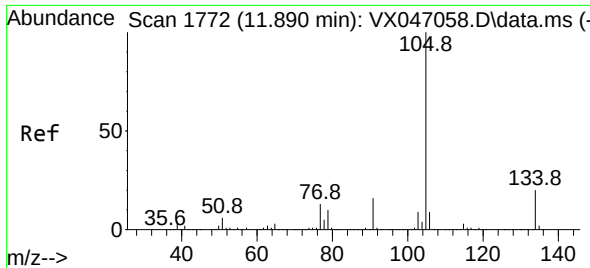


#84
1,2,4-Trimethylbenzene
Concen: 18.576 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17



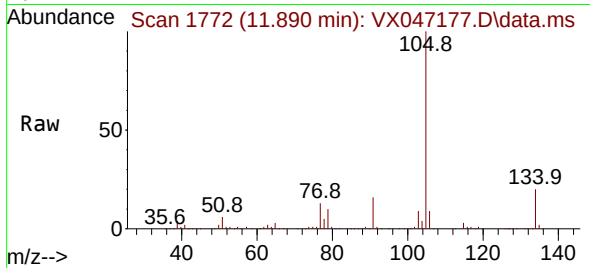
Tgt Ion:105 Resp: 258332
Ion Ratio Lower Upper
105 100
120 42.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.730 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047177.D
 Acq: 29 Jul 2025 16:17

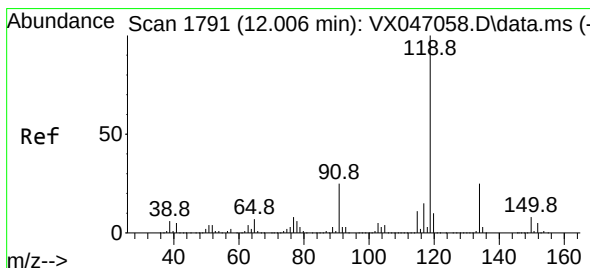
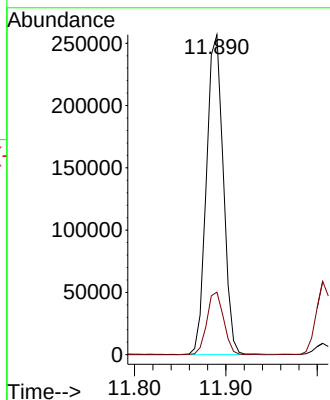
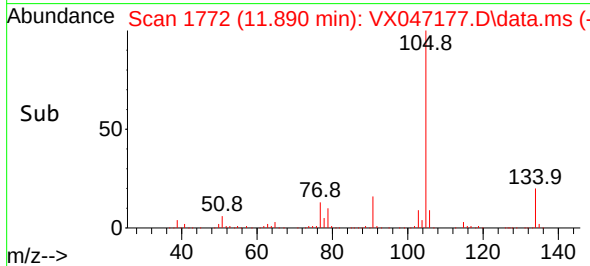
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02



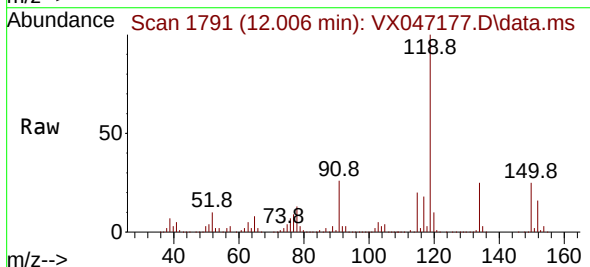
Tgt Ion:105 Resp: 327495
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7

Manual Integrations
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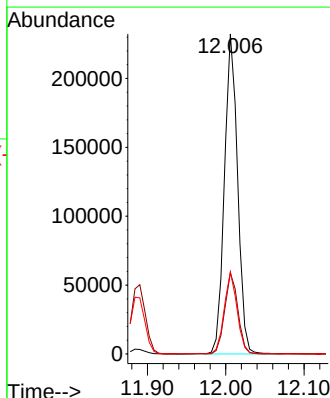
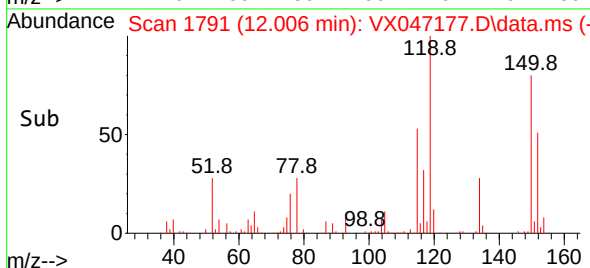
Reviewed By :John Carlone 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025

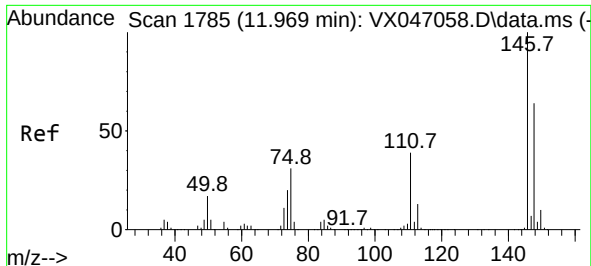


#86
 p-Isopropyltoluene
 Concen: 18.798 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047177.D
 Acq: 29 Jul 2025 16:17



Tgt Ion:119 Resp: 272572
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.086 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tgt Ion:146 Resp: 13910

Ion Ratio Lower Upper

146 100

111 42.4 21.0 63.0

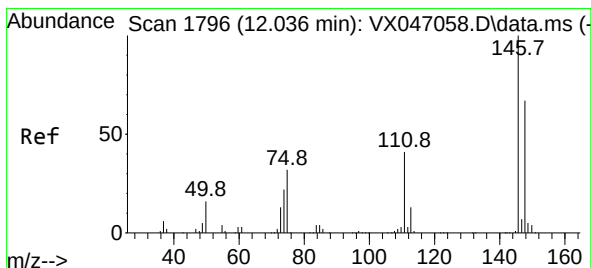
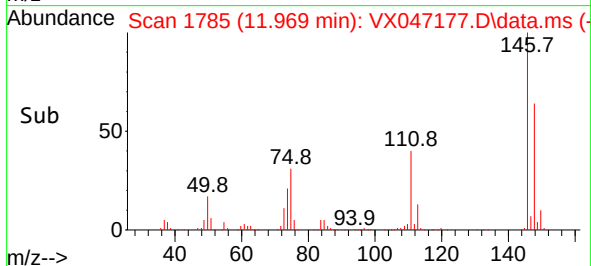
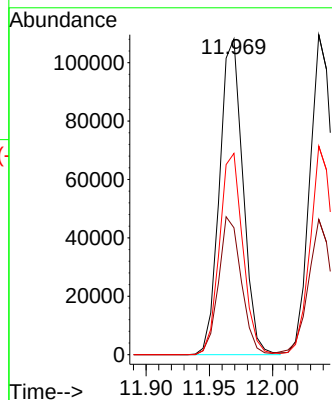
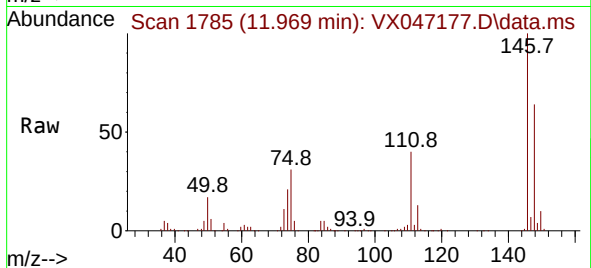
148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#88

1,4-Dichlorobenzene

Concen: 17.998 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

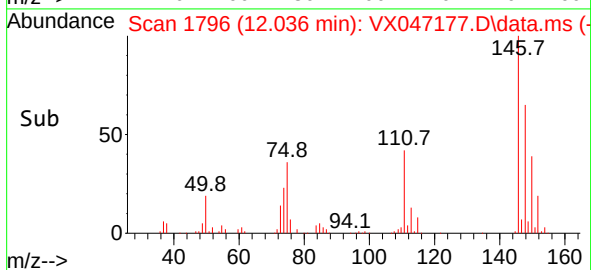
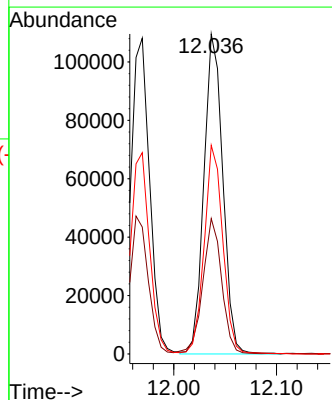
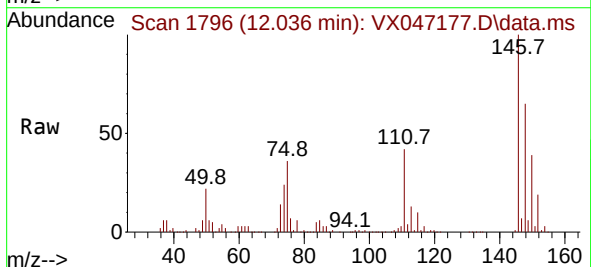
Tgt Ion:146 Resp: 140253

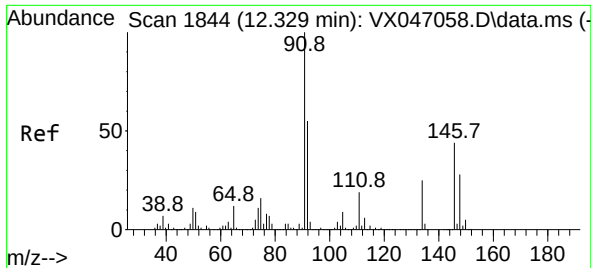
Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.9

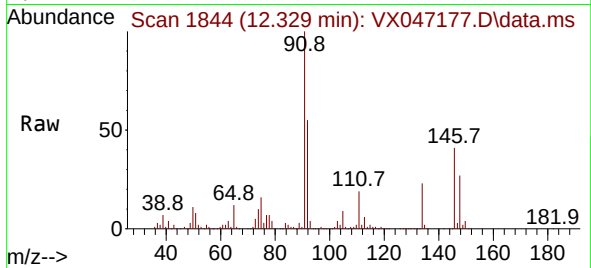
148 64.4 33.0 98.9





#89
n-Butylbenzene
Concen: 18.992 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

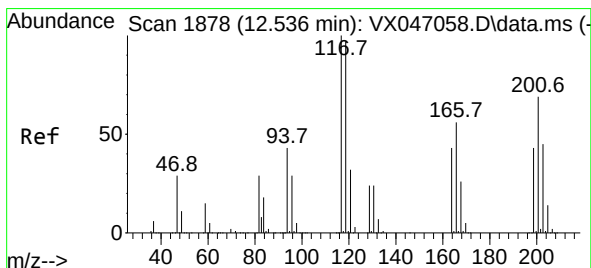
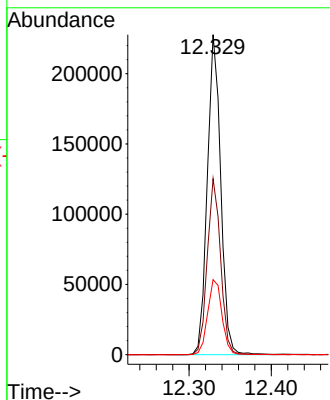
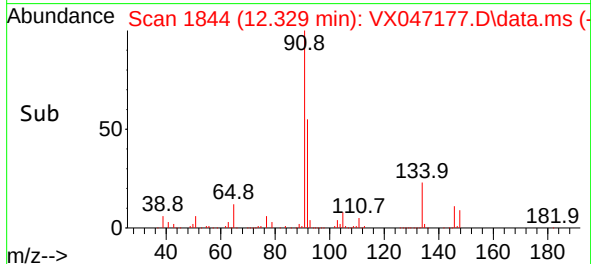
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



Tgt Ion: 91 Resp: 25825
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.5
134 25.1 12.8 38.3

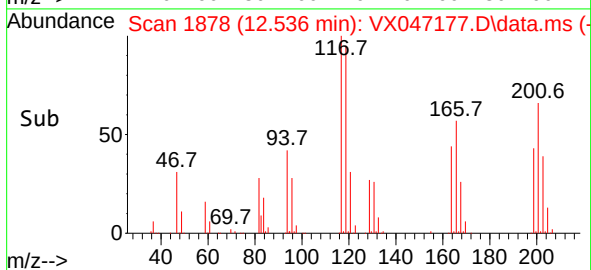
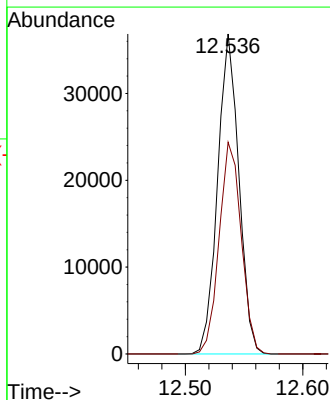
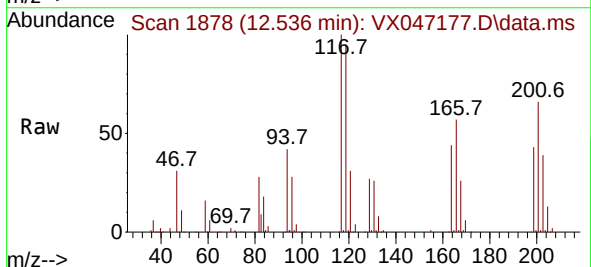
Manual Integrations
APPROVED

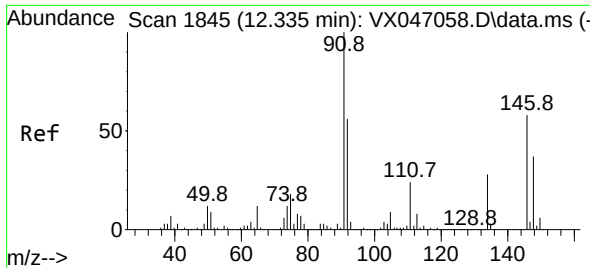
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#90
Hexachloroethane
Concen: 17.878 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

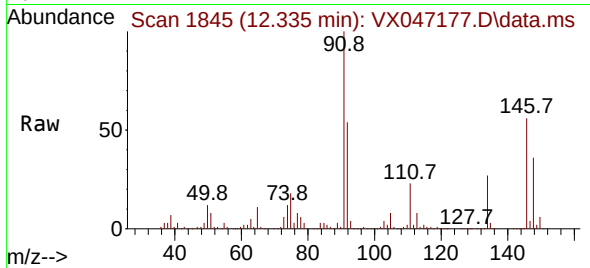
Tgt Ion:117 Resp: 46377
Ion Ratio Lower Upper
117 100
201 68.8 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 18.092 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17

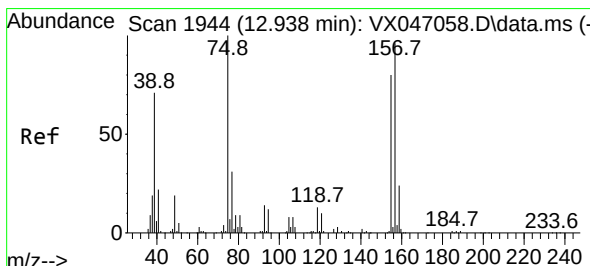
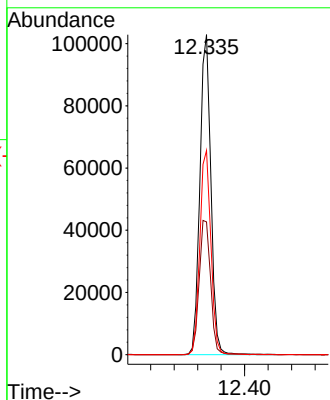
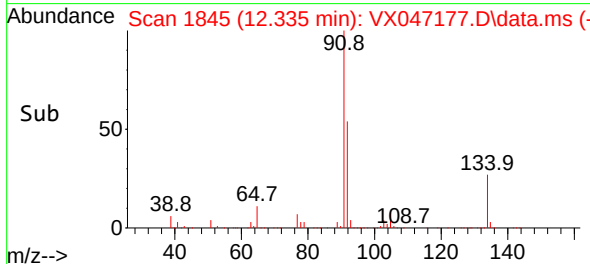
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02



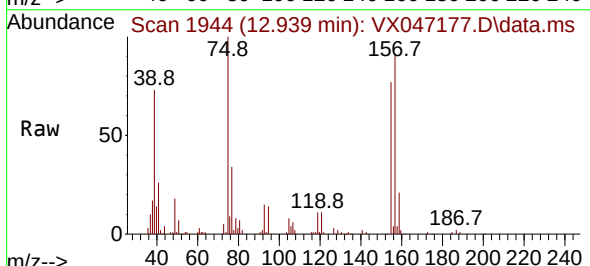
Tgt Ion:146 Resp: 132995
Ion Ratio Lower Upper
146 100
111 43.9 21.6 64.6
148 64.3 31.9 95.7

Manual Integrations
APPROVED

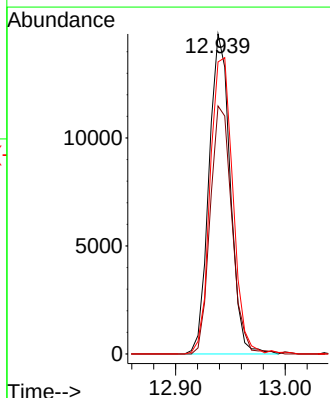
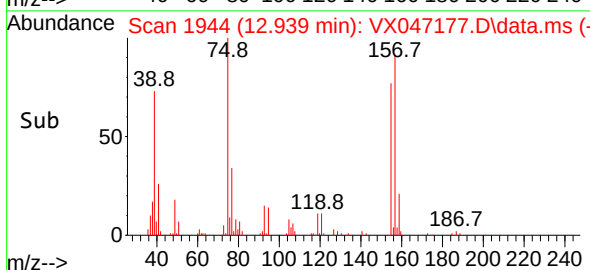
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

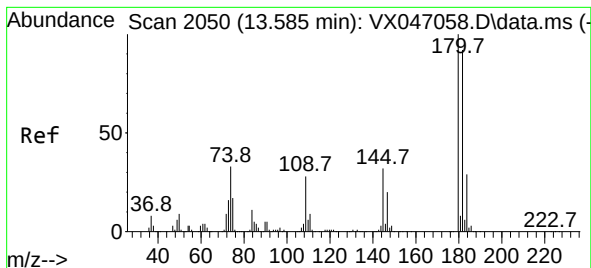


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.561 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047177.D
Acq: 29 Jul 2025 16:17



Tgt Ion: 75 Resp: 19952
Ion Ratio Lower Upper
75 100
155 79.3 41.3 124.1
157 99.3 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 18.603 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

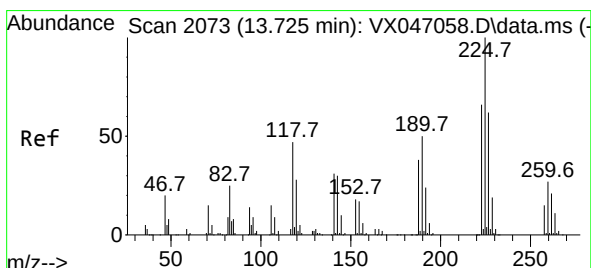
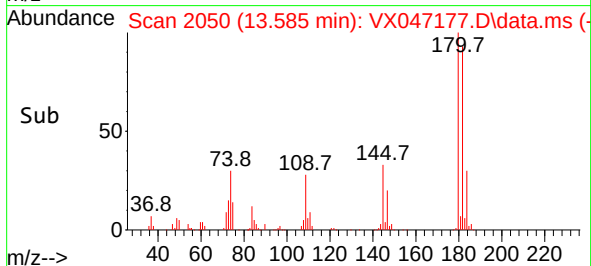
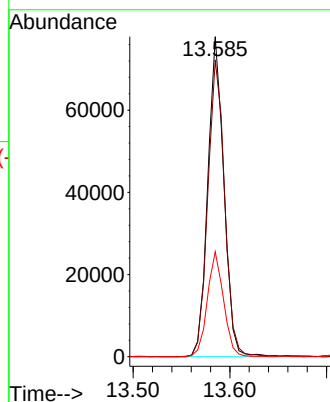
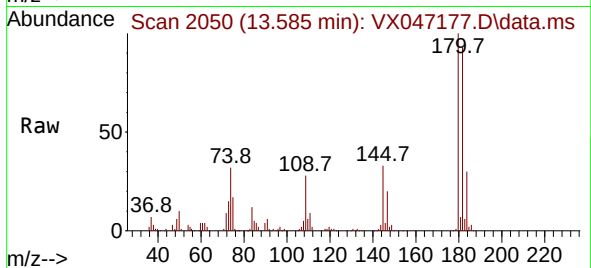
Tgt Ion:180	Resp: 9035
Ion Ratio	Lower Upper
180	100
182	96.6 47.3 141.8
145	33.1 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#94

Hexachlorobutadiene

Concen: 20.521 ug/l

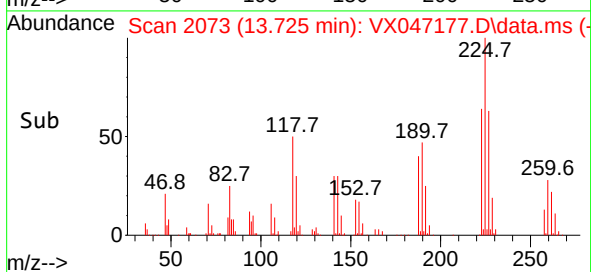
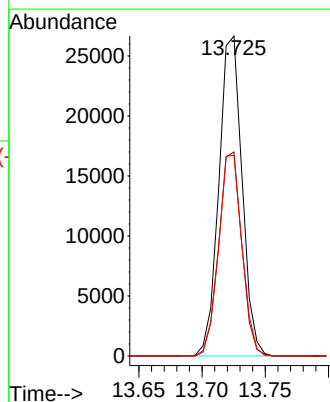
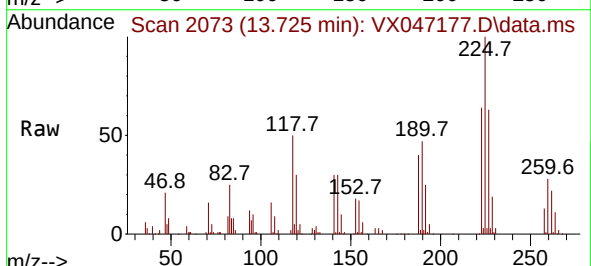
RT: 13.725 min Scan# 2073

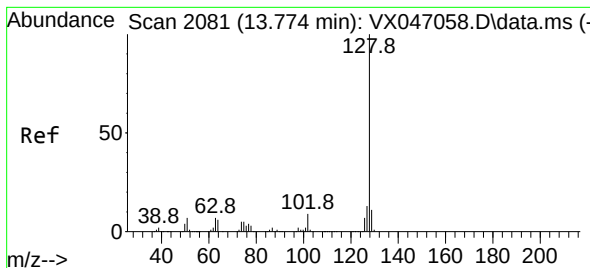
Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Tgt Ion:225	Resp: 33897
Ion Ratio	Lower Upper
225	100
223	63.4 31.6 95.0
227	63.2 32.9 98.6





#95

Naphthalene

Concen: 20.034 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

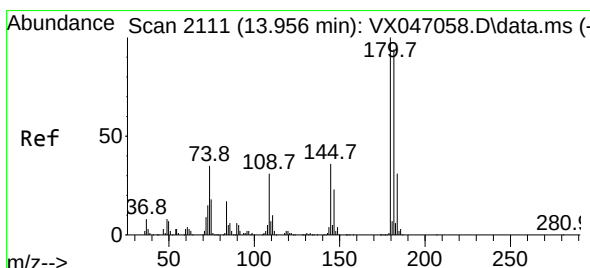
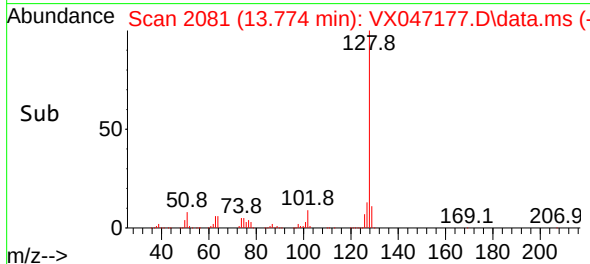
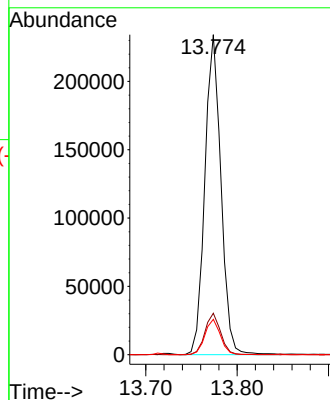
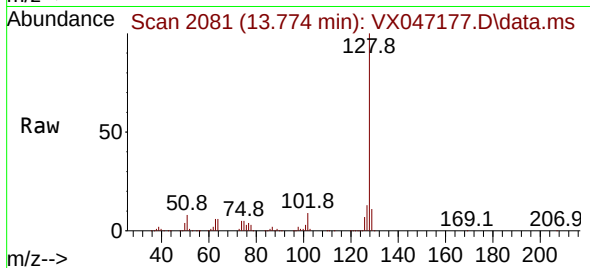
Tgt Ion:	128	Resp:	28525
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.8	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 18.692 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047177.D

Acq: 29 Jul 2025 16:17

Tgt Ion:	180	Resp:	87460
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.9	140.6
145	34.6	17.3	52.0

