

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
 Data File : VX048768.D
 Acq On : 09 Dec 2025 09:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 10 00:12:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2025
 Supervised By : Mahesh Dadoda 12/10/2025

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	159019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	262535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	233121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	116263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	103325	48.411	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.820%		
35) Dibromofluoromethane	5.361	113	81924	45.321	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.640%		
50) Toluene-d8	8.629	98	288105	45.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.940%#		
62) 4-Bromofluorobenzene	11.061	95	102460	46.893	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	105188	64.922	ug/l	98
3) Chloromethane	1.301	50	109321	53.469	ug/l	99
4) Vinyl Chloride	1.380	62	114254	52.471	ug/l	99
5) Bromomethane	1.611	94	74485	55.353	ug/l	96
6) Chloroethane	1.697	64	68710	50.701	ug/l	100
7) Trichlorofluoromethane	1.898	101	166880	53.474	ug/l	95
8) Diethyl Ether	2.130	74	65744	52.780	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	96372	53.268	ug/l	99
10) Methyl Iodide	2.453	142	135545	52.625	ug/l	99
11) Tert butyl alcohol	2.934	59	95691	277.698	ug/l	99
12) 1,1-Dichloroethene	2.325	96	94538	51.197	ug/l	98
13) Acrolein	2.233	56	108478	313.834	ug/l	99
14) Allyl chloride	2.660	41	179237	57.815	ug/l	98
15) Acrylonitrile	3.050	53	326098	303.711	ug/l	100
16) Acetone	2.367	43	311443	381.173	ug/l	100
17) Carbon Disulfide	2.514	76	272443	50.806	ug/l	98
18) Methyl Acetate	2.691	43	143330	62.347	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	340215	56.613	ug/l	99
20) Methylene Chloride	2.788	84	106975	52.380	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	99986	53.054	ug/l	98
22) Diisopropyl ether	3.739	45	355707	61.392	ug/l	88
23) Vinyl Acetate	3.703	43	1594758	327.571	ug/l	97
24) 1,1-Dichloroethane	3.599	63	184632	57.144	ug/l	98
25) 2-Butanone	4.526	43	419918	348.217	ug/l	94
26) 2,2-Dichloropropane	4.459	77	158969	55.605	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	116810	54.926	ug/l	92
28) Bromochloromethane	4.873	49	79357	50.110	ug/l	82
29) Tetrahydrofuran	4.971	42	279835	303.903	ug/l	93
30) Chloroform	5.068	83	189898	54.852	ug/l	98
31) Cyclohexane	5.452	56	155023	53.740	ug/l	95
32) 1,1,1-Trichloroethane	5.361	97	165423	53.328	ug/l	96
36) 1,1-Dichloropropene	5.672	75	128099	51.739	ug/l	97
37) Ethyl Acetate	4.684	43	189075	63.912	ug/l	98
38) Carbon Tetrachloride	5.660	117	143493	51.167	ug/l	97
39) Methylcyclohexane	7.360	83	155487	53.111	ug/l	98
40) Benzene	6.013	78	394766	53.786	ug/l	99

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Quant Time: Dec 10 00:12:21 2025
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	86618	64.350	ug/l	94
42) 1,2-Dichloroethane	6.062	62	145142	55.872	ug/l	98
43) Isopropyl Acetate	6.312	43	265790	59.333	ug/l	96
44) Trichloroethene	7.104	130	97497	50.910	ug/l	96
45) 1,2-Dichloropropane	7.409	63	99262	54.110	ug/l	97
46) Dibromomethane	7.562	93	74909	53.847	ug/l	97
47) Bromodichloromethane	7.799	83	154892	53.404	ug/l	98
48) Methyl methacrylate	7.671	41	130232	57.793	ug/l	97
49) 1,4-Dioxane	7.641	88	31719	1023.467	ug/l	99
51) 4-Methyl-2-Pentanone	8.549	43	850583	305.908	ug/l	98
52) Toluene	8.702	92	240266	54.287	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	159230	57.707	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	166376	56.105	ug/l	97
55) 1,1,2-Trichloroethane	9.128	97	97564	54.788	ug/l	98
56) Ethyl methacrylate	9.098	69	164590	59.049	ug/l	96
57) 1,3-Dichloropropane	9.287	76	165440	55.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	432343	286.984	ug/l	96
59) 2-Hexanone	9.409	43	626090	320.765	ug/l	98
60) Dibromochloromethane	9.500	129	118881	53.988	ug/l	100
61) 1,2-Dibromoethane	9.592	107	105366	54.670	ug/l	100
64) Tetrachloroethene	9.256	164	81652	48.052	ug/l	97
65) Chlorobenzene	10.061	112	265192	51.970	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.140	131	94282	51.658	ug/l	99
67) Ethyl Benzene	10.177	91	457682	54.966	ug/l	99
68) m/p-Xylenes	10.281	106	347373	107.098	ug/l	99
69) o-Xylene	10.622	106	166003	54.618	ug/l	98
70) Styrene	10.634	104	286600	54.929	ug/l	100
71) Bromoform	10.781	173	84285	51.727	ug/l #	100
73) Isopropylbenzene	10.945	105	434737	55.488	ug/l	99
74) N-amyl acetate	10.823	43	222309	65.304	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	149871	56.692	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	124812m	57.638	ug/l	
77) Bromobenzene	11.177	156	108618	51.942	ug/l	99
78) n-propylbenzene	11.287	91	511543	56.374	ug/l	100
79) 2-Chlorotoluene	11.348	91	306085	55.317	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	354003	54.969	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	54261	59.522	ug/l	91
82) 4-Chlorotoluene	11.433	91	357246	55.326	ug/l	100
83) tert-Butylbenzene	11.695	119	354930	53.041	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	359963	55.411	ug/l	99
85) sec-Butylbenzene	11.872	105	442496	54.564	ug/l	100
86) p-Isopropyltoluene	11.988	119	377118	54.402	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	200425	51.991	ug/l	99
88) 1,4-Dichlorobenzene	12.018	146	204771	51.402	ug/l	99
89) n-Butylbenzene	12.311	91	355716	54.807	ug/l	98
90) Hexachloroethane	12.518	117	70433	49.783	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	190549	50.984	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33778	52.501	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	122522	49.636	ug/l	98
94) Hexachlorobutadiene	13.707	225	49036	48.026	ug/l	96
95) Naphthalene	13.756	128	411042	57.252	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	115160	50.588	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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

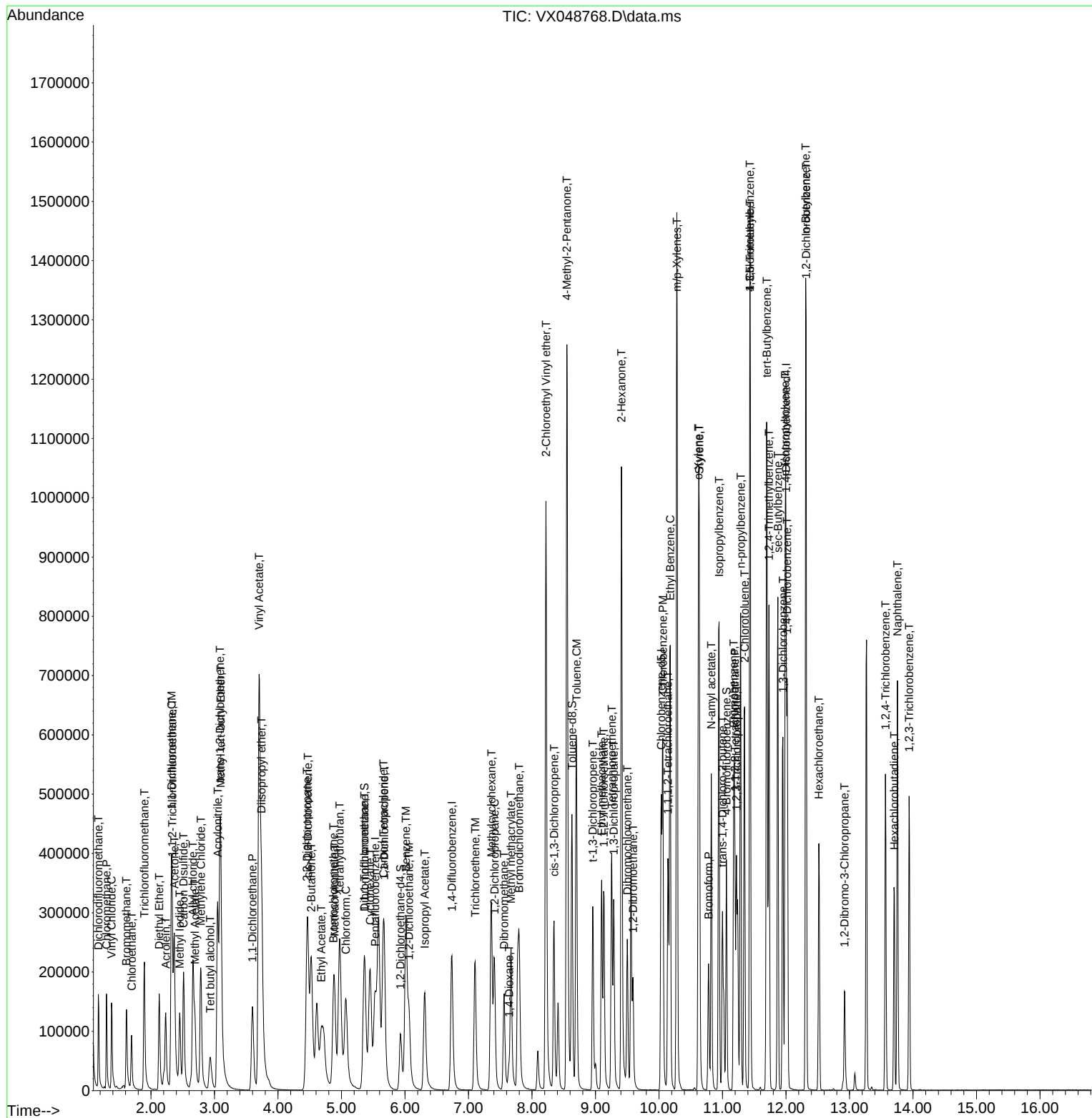
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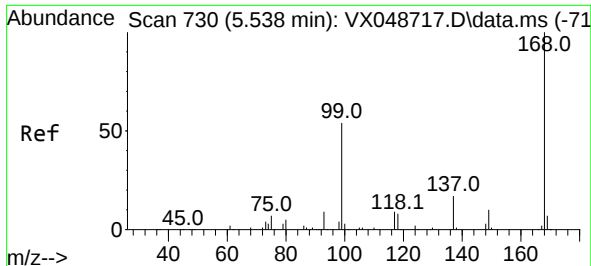
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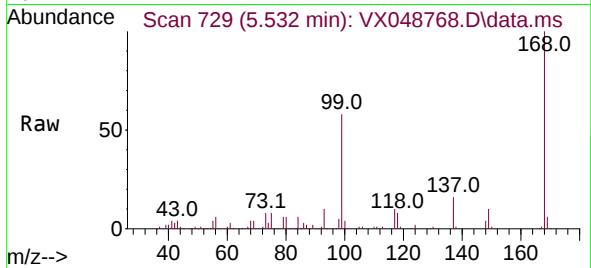
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

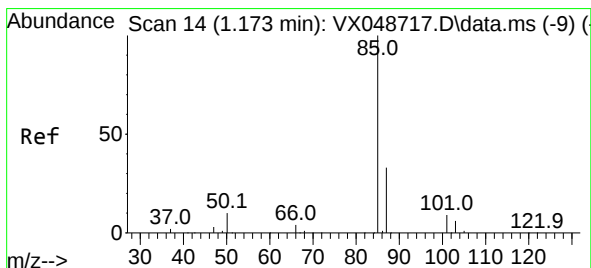
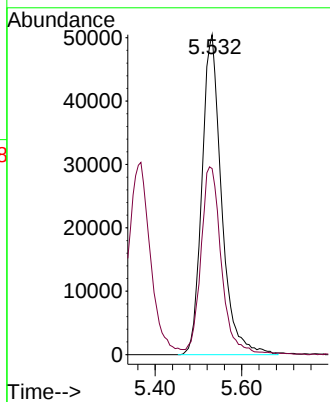
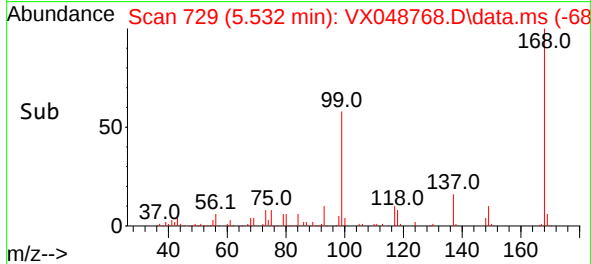
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 159019
Ion Ratio Lower Upper
168 100
99 57.6 44.2 66.4

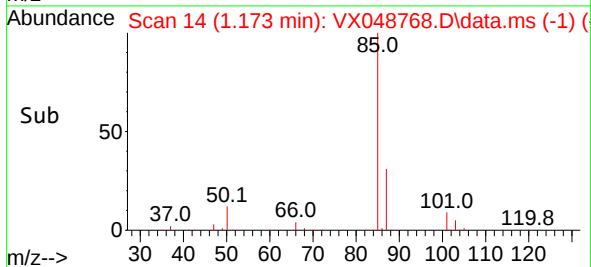
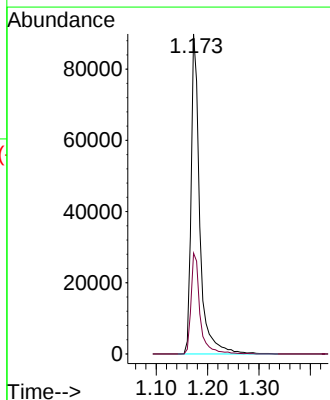
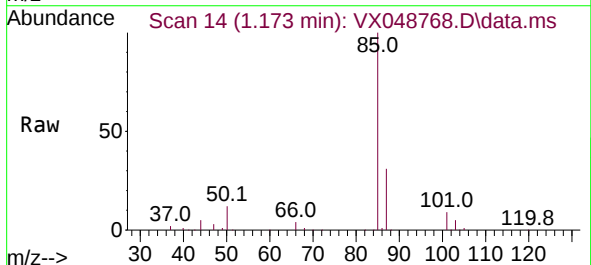
Manual Integrations
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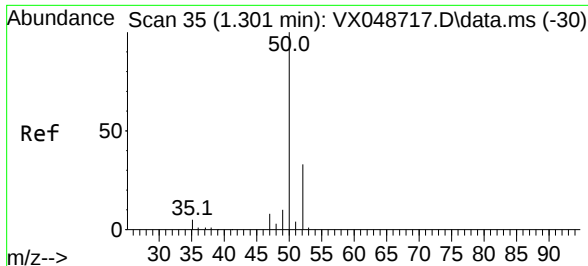
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#2
Dichlorodifluoromethane
Concen: 64.922 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

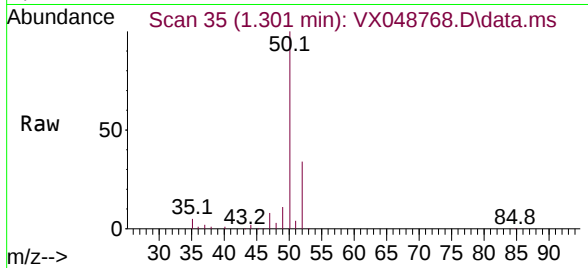
Tgt Ion: 85 Resp: 105188
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.1





#3
Chloromethane
Concen: 53.469 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

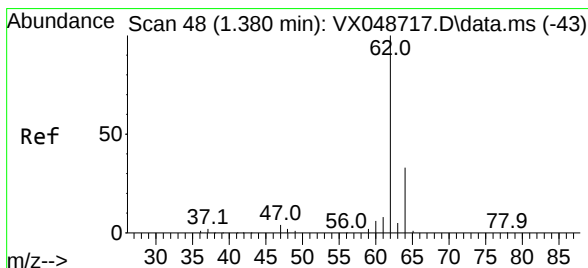
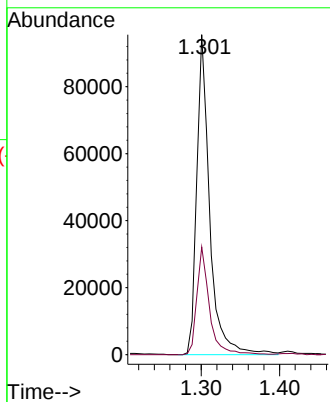
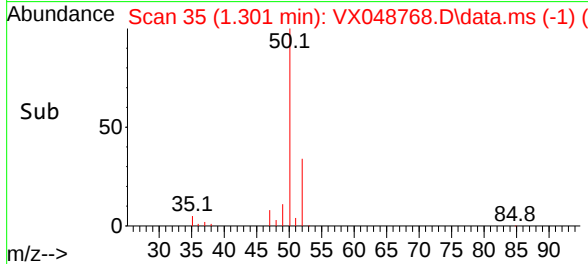
Instrument :
MSVOA_X
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Tgt Ion: 50 Resp: 109321
Ion Ratio Lower Upper
50 100
52 33.6 26.4 39.6

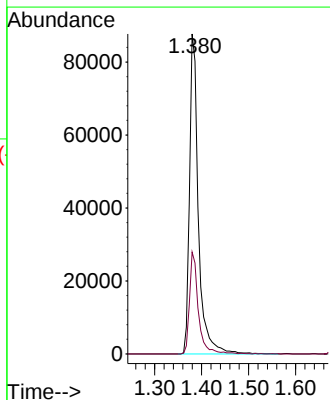
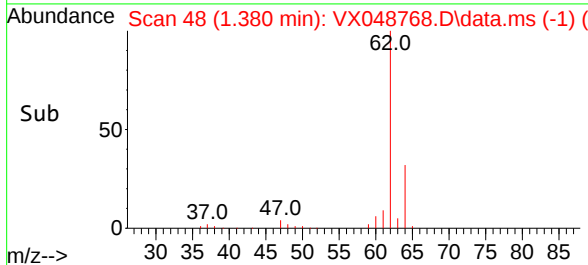
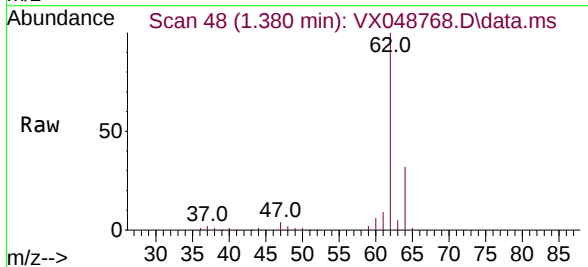
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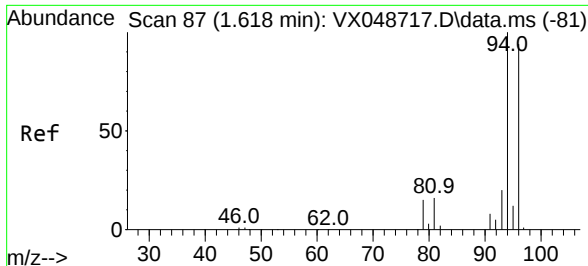
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#4
Vinyl Chloride
Concen: 52.471 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion: 62 Resp: 114254
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





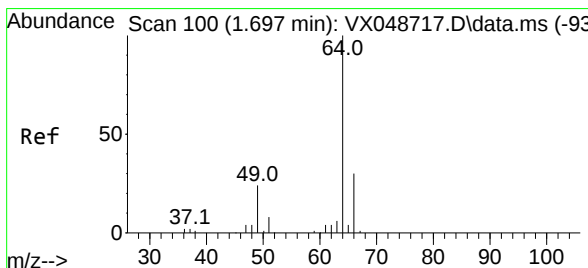
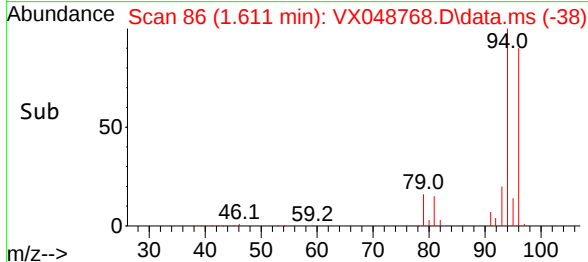
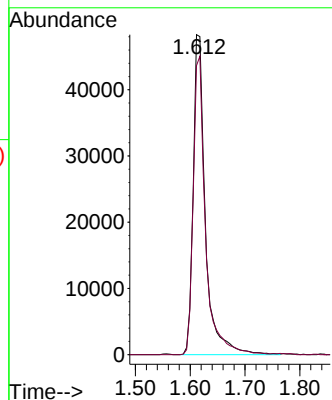
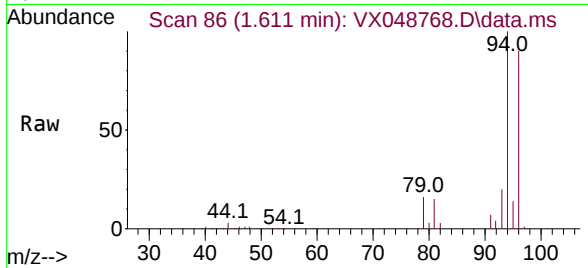
#5
Bromomethane
Concen: 55.353 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 74485
Ion Ratio Lower Upper
94 100
96 90.3 75.2 112.8

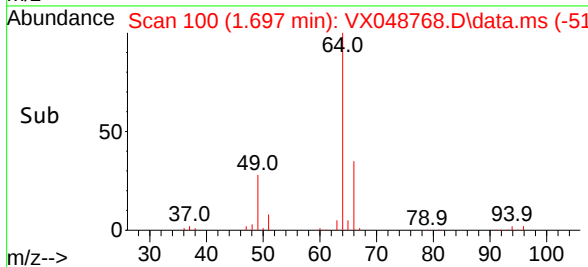
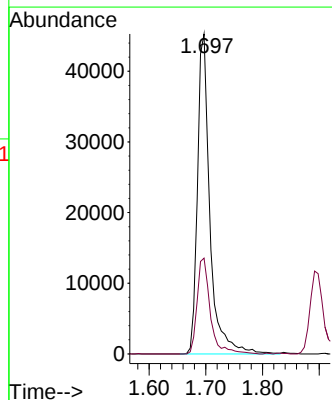
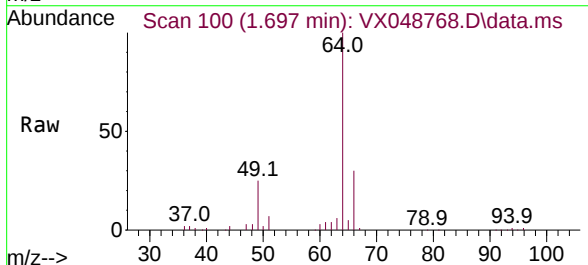
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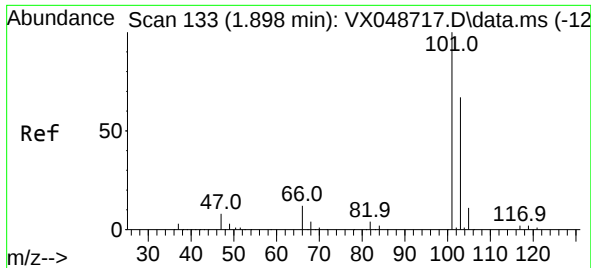
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#6
Chloroethane
Concen: 50.701 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

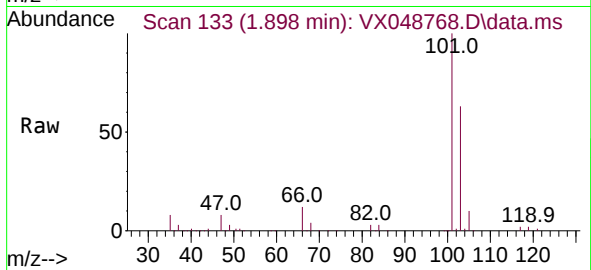
Tgt Ion: 64 Resp: 68710
Ion Ratio Lower Upper
64 100
66 29.9 24.0 36.0





#7
 Trichlorofluoromethane
 Concen: 53.474 ug/l
 RT: 1.898 min Scan# 133
 Delta R.T. 0.000 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25

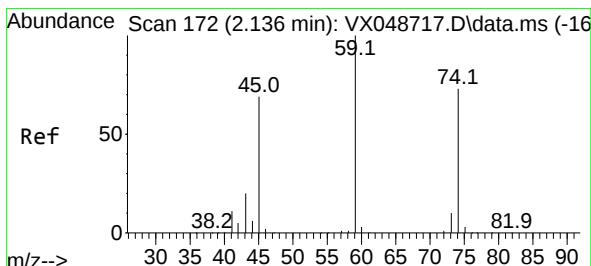
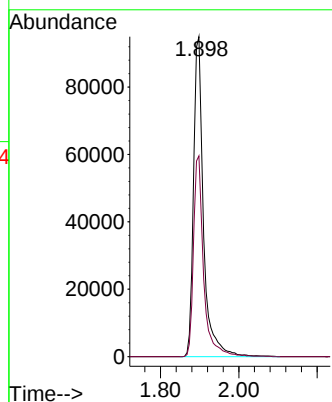
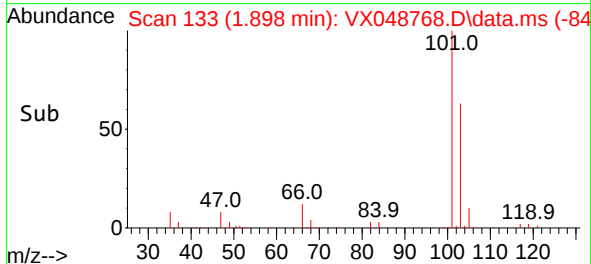
Instrument :
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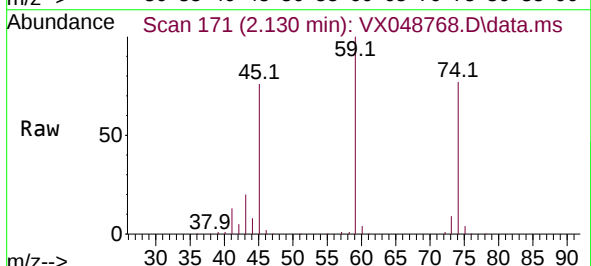
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 Ion Ratio Lower Upper
 101 100
 103 62.7 53.4 80.2

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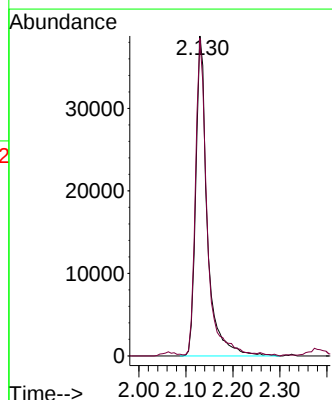
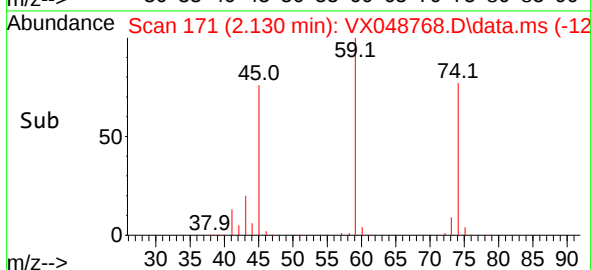
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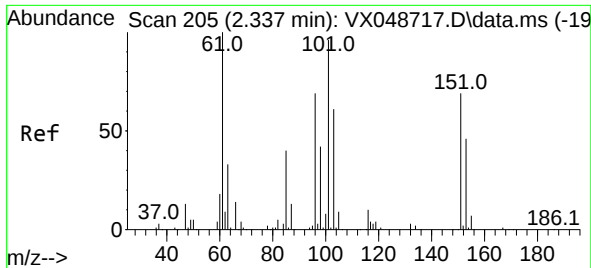


#8
 Diethyl Ether
 Concen: 52.780 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25



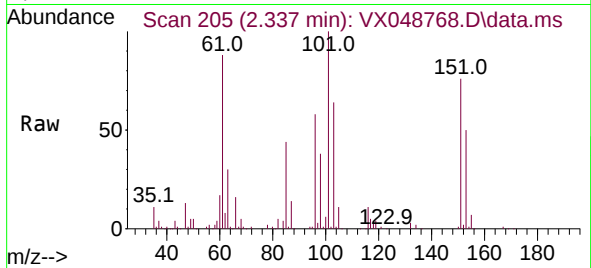
Tgt Ion: 74 Resp: 65744
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.9 146.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.268 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

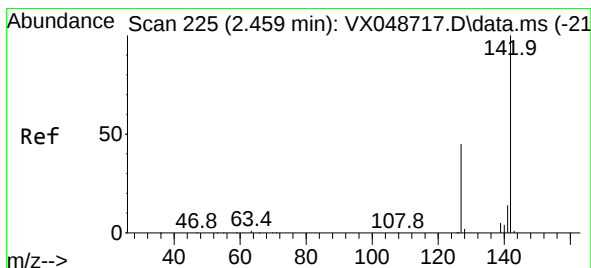
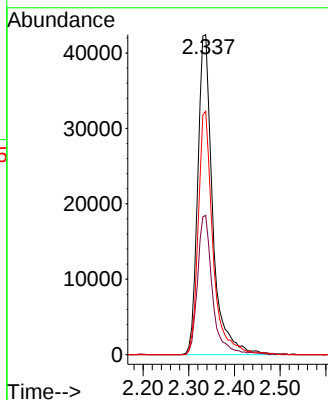
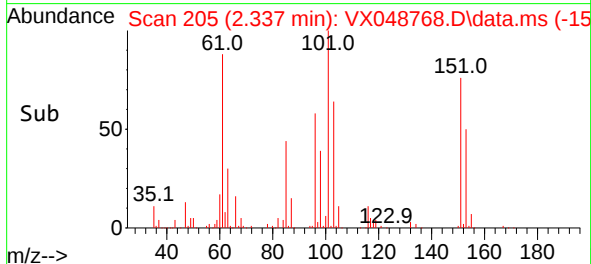
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 96372
Ion Ratio Lower Upper
101 100
85 43.5 34.2 51.2
151 74.9 60.2 90.4

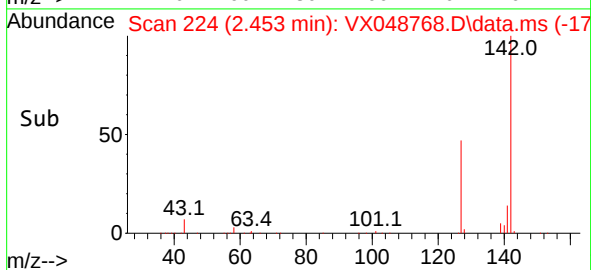
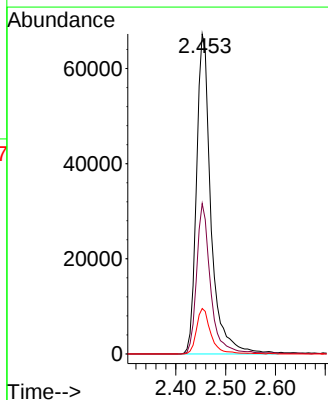
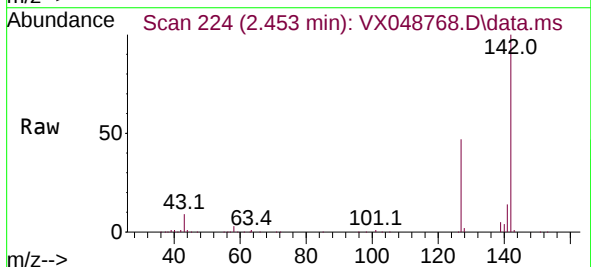
Manual Integrations
APPROVED

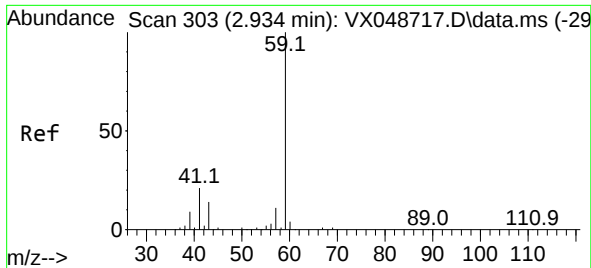
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#10
Methyl Iodide
Concen: 52.625 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

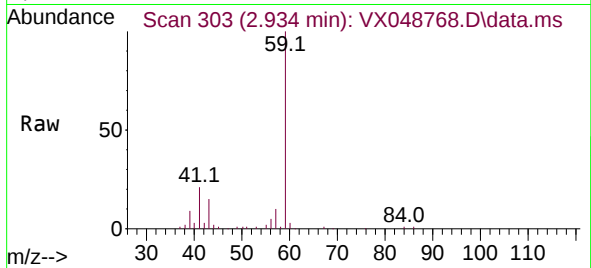
Tgt Ion:142 Resp: 135545
Ion Ratio Lower Upper
142 100
127 45.3 35.8 53.6
141 14.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 277.698 ug/l
RT: 2.934 min Scan# 303
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

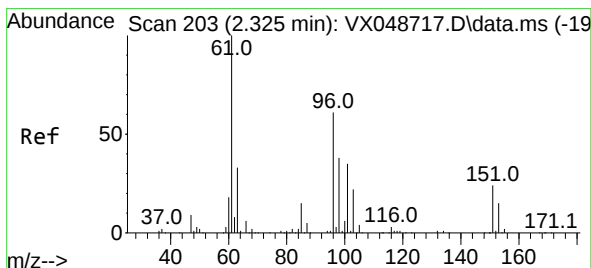
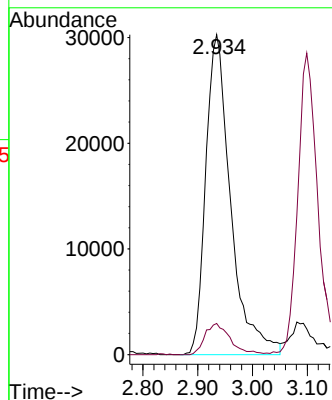
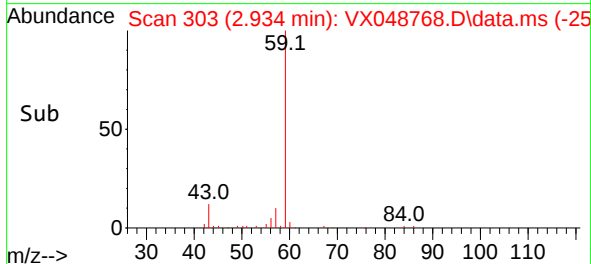
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



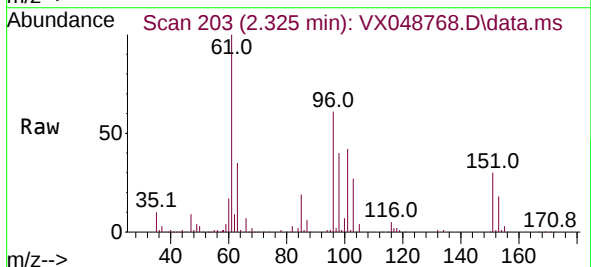
Tgt Ion: 59 Resp: 95691
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

Manual Integrations
APPROVED

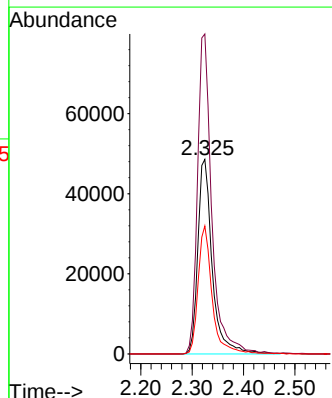
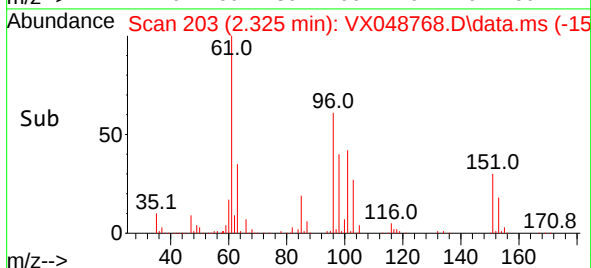
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

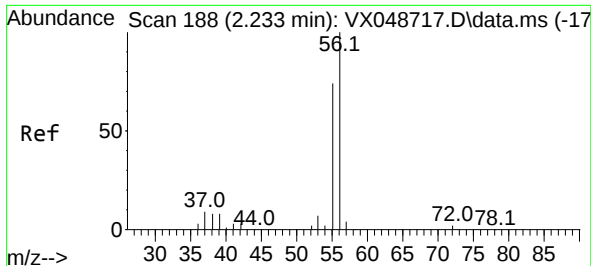


#12
1,1-Dichloroethene
Concen: 51.197 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25



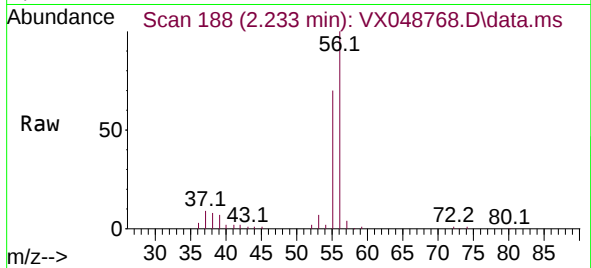
Tgt Ion: 96 Resp: 94538
Ion Ratio Lower Upper
96 100
61 164.5 130.7 196.1
98 65.8 49.8 74.8





#13
Acrolein
Concen: 313.834 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

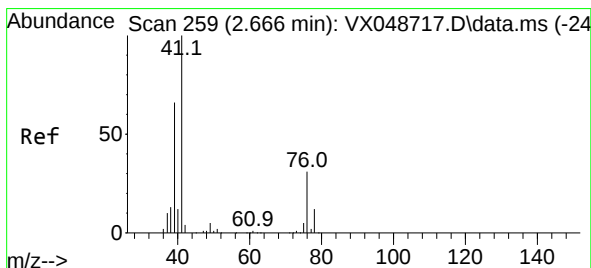
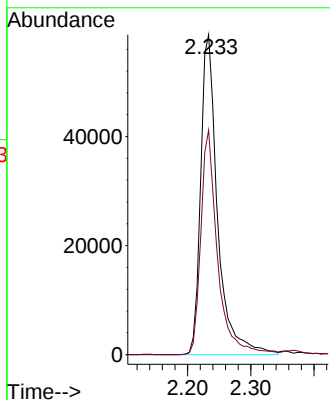
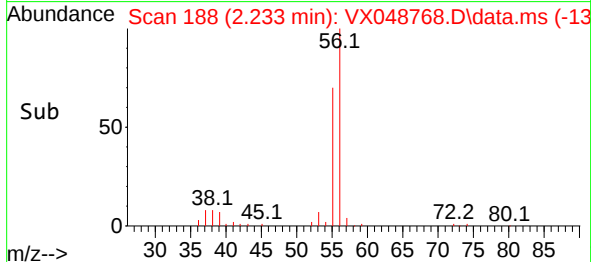
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 108478
Ion Ratio Lower Upper
56 100
55 69.2 55.8 83.6

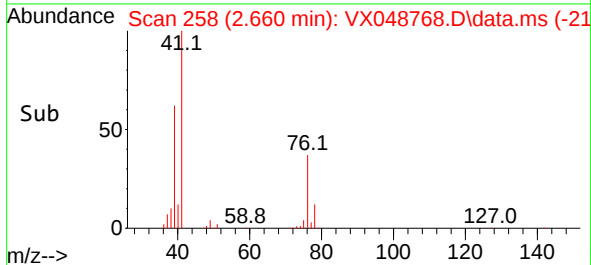
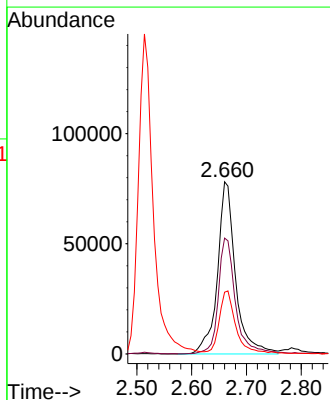
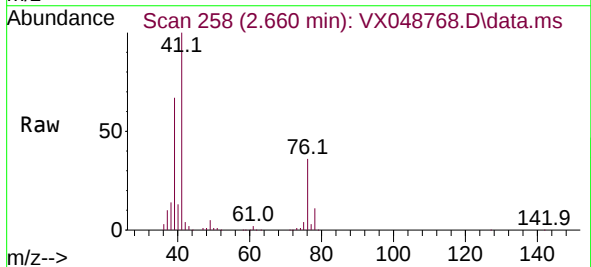
Manual Integrations
APPROVED

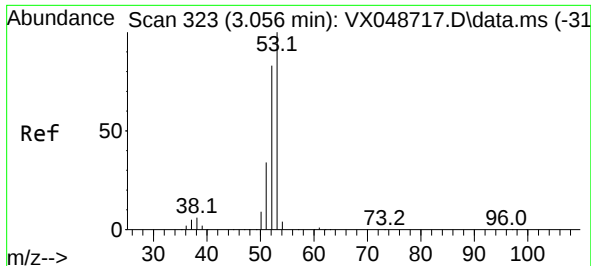
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#14
Allyl chloride
Concen: 57.815 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

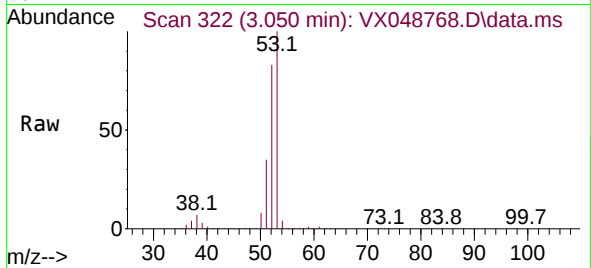
Tgt Ion: 41 Resp: 179237
Ion Ratio Lower Upper
41 100
39 63.6 49.8 74.6
76 33.2 27.3 40.9





#15
Acrylonitrile
Concen: 303.711 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

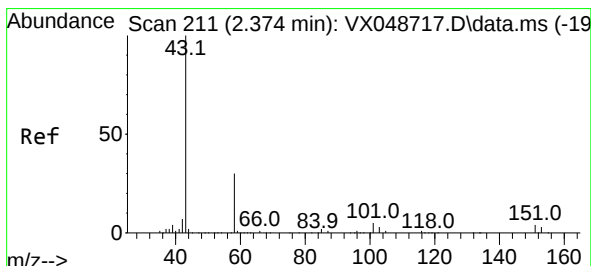
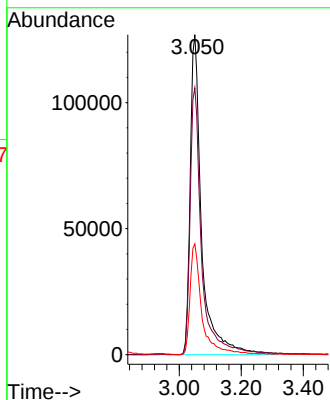
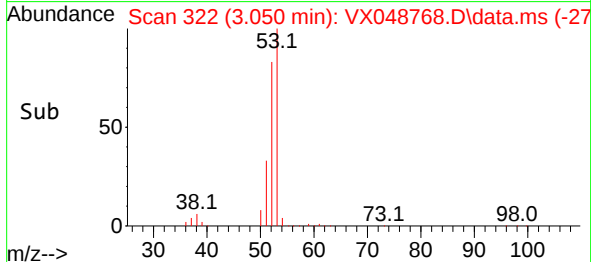
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



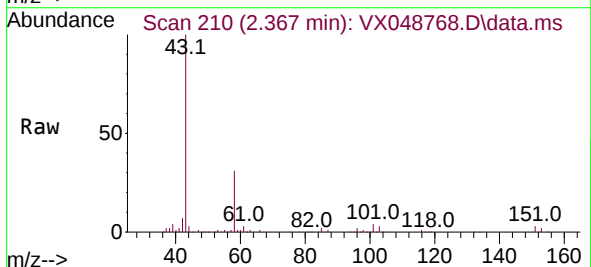
Tgt Ion: 53 Resp: 326098
Ion Ratio Lower Upper
53 100
52 83.0 66.3 99.5
51 35.7 28.7 43.1

Manual Integrations
APPROVED

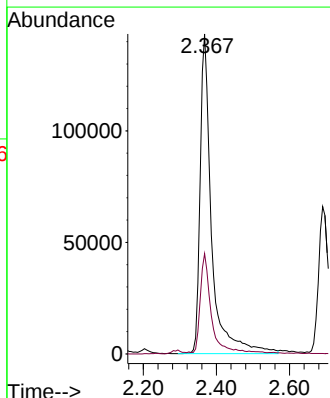
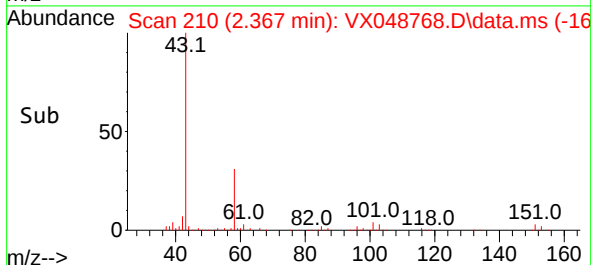
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

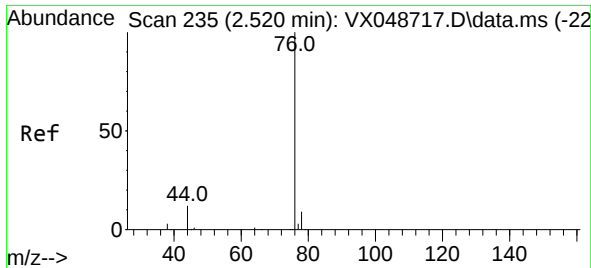


#16
Acetone
Concen: 381.173 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25



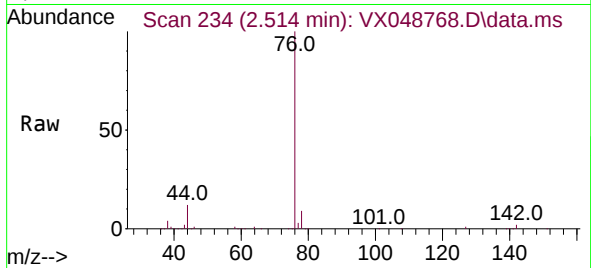
Tgt Ion: 43 Resp: 311443
Ion Ratio Lower Upper
43 100
58 31.1 25.0 37.4





#17
Carbon Disulfide
Concen: 50.806 ug/l
RT: 2.514 min Scan# 235
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

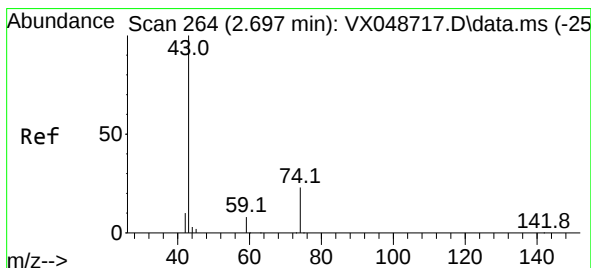
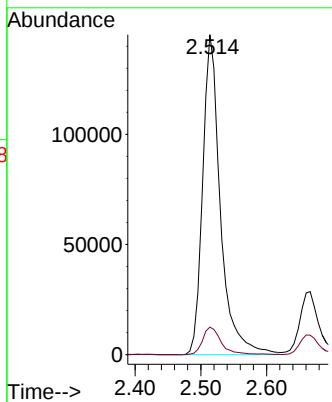
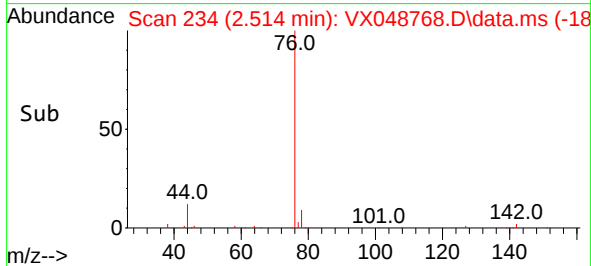
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 272443
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

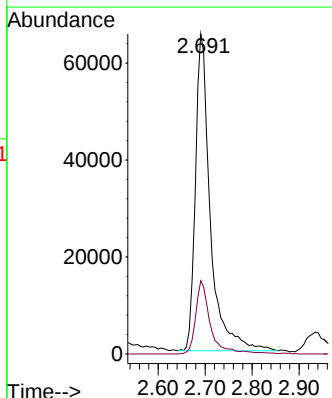
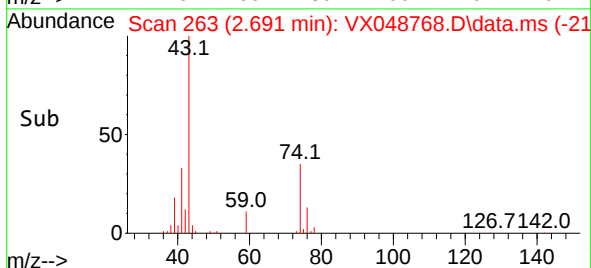
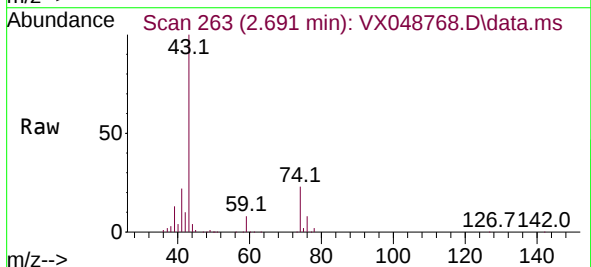
Manual Integrations
APPROVED

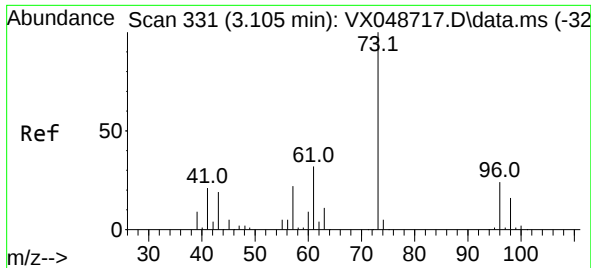
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#18
Methyl Acetate
Concen: 62.347 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

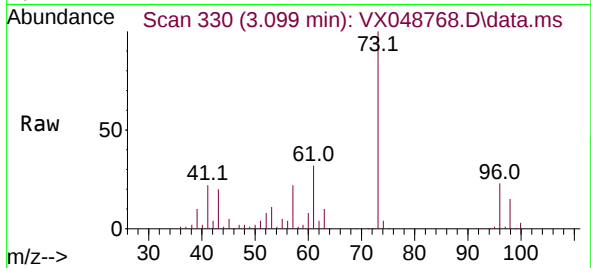
Tgt Ion: 43 Resp: 143330
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 56.613 ug/l
RT: 3.099 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

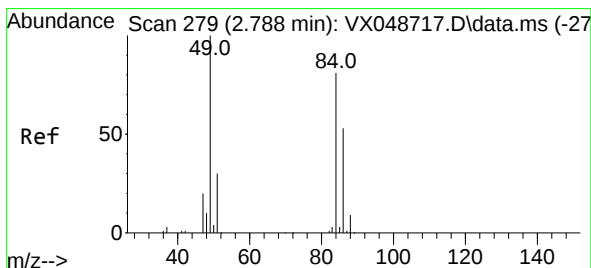
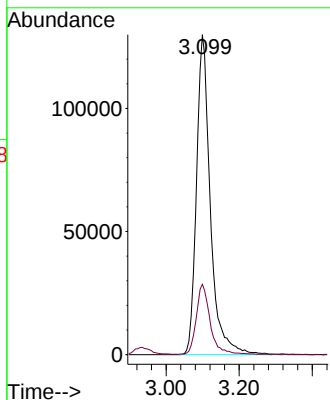
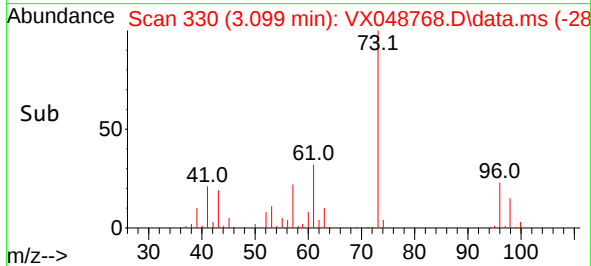
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 340215
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.6

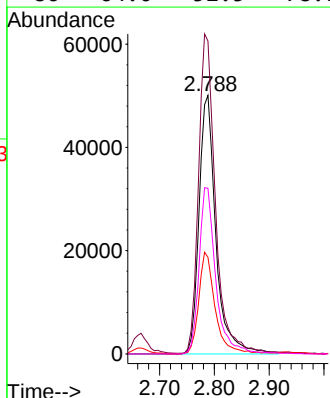
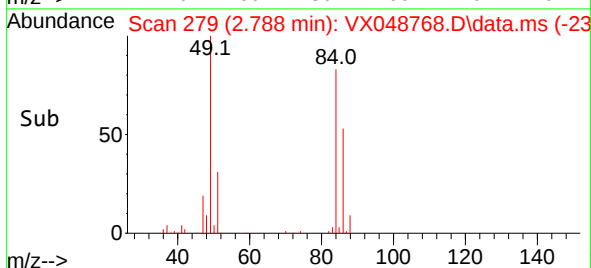
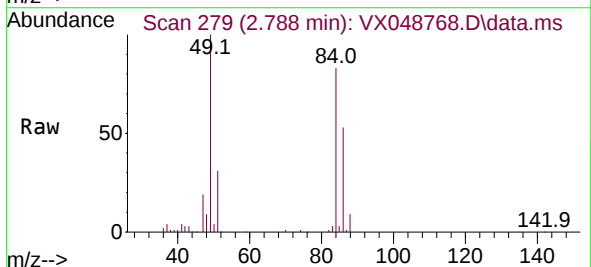
Manual Integrations
APPROVED

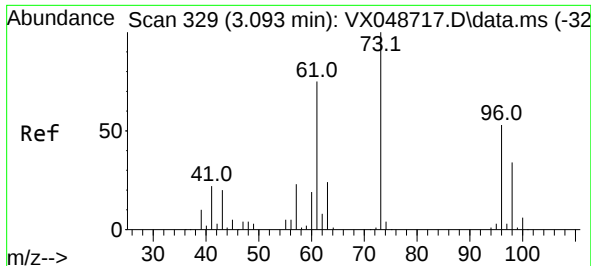
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#20
Methylene Chloride
Concen: 52.380 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

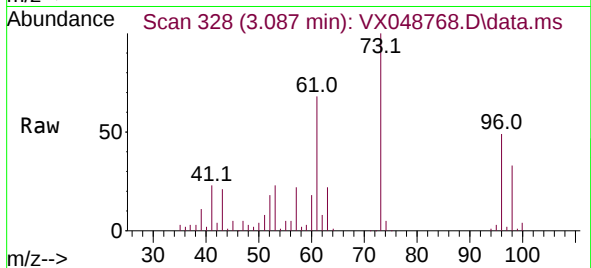
Tgt Ion: 84 Resp: 106975
Ion Ratio Lower Upper
84 100
49 120.8 98.7 148.1
51 37.4 29.4 44.2
86 64.0 52.5 78.7





#21
trans-1,2-Dichloroethene
Concen: 53.054 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

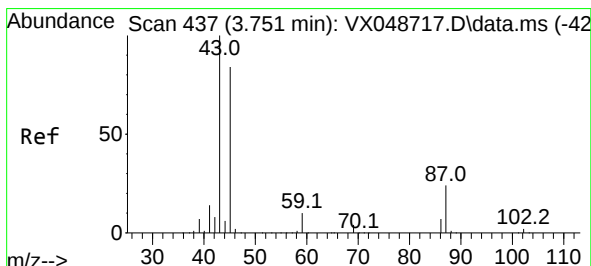
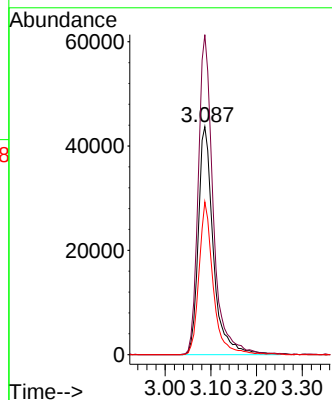
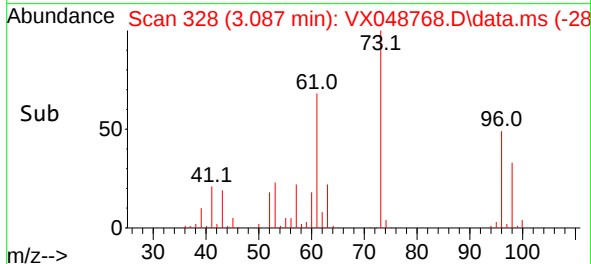
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



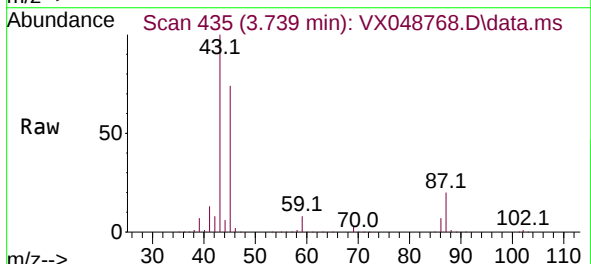
Tgt Ion: 96 Resp: 99986
Ion Ratio Lower Upper
96 100
61 140.4 112.8 169.2
98 67.0 51.0 76.4

Manual Integrations
APPROVED

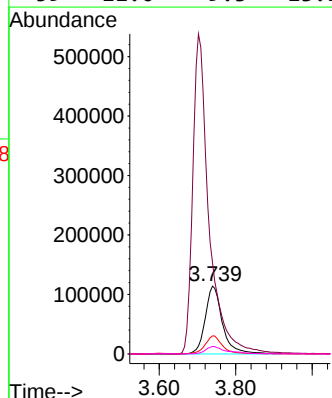
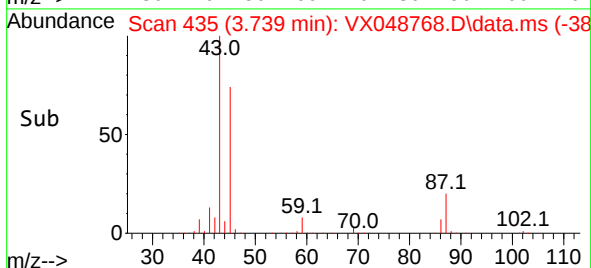
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

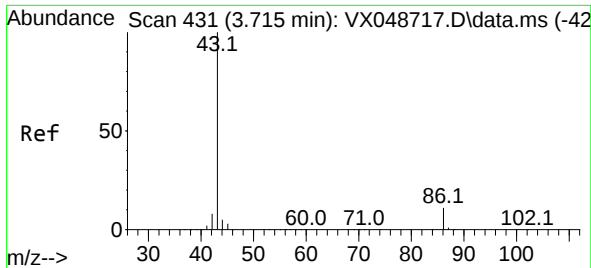


#22
Diisopropyl ether
Concen: 61.392 ug/l
RT: 3.739 min Scan# 435
Delta R.T. -0.012 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25



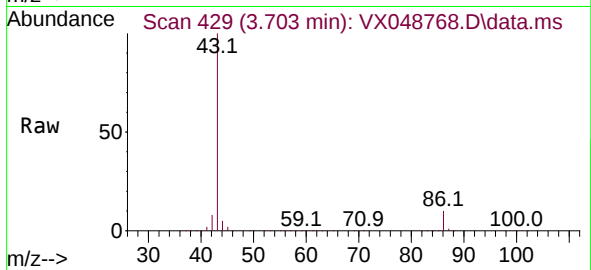
Tgt Ion: 45 Resp: 355707
Ion Ratio Lower Upper
45 100
43 134.6 94.9 142.3
87 26.4 23.2 34.8
59 11.0 9.3 13.9





#23
 Vinyl Acetate
 Concen: 327.571 ug/l
 RT: 3.703 min Scan# 411
 Delta R.T. -0.012 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25

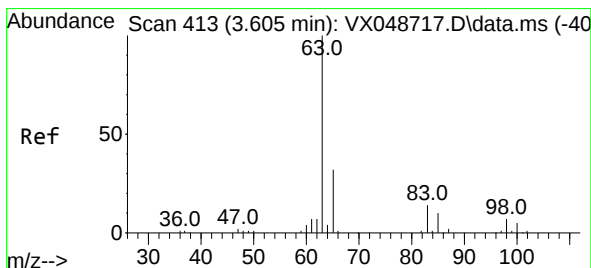
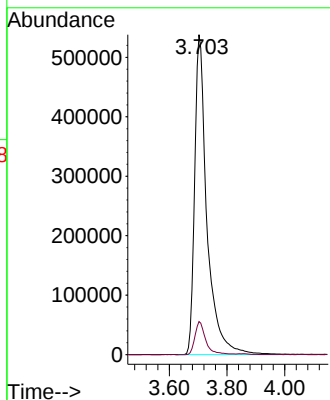
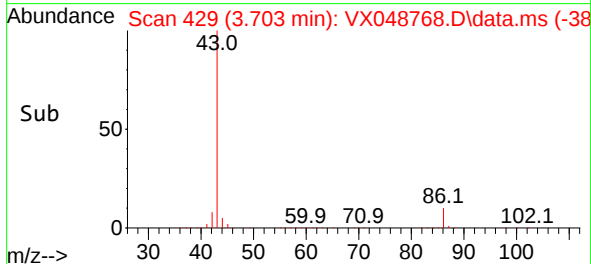
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



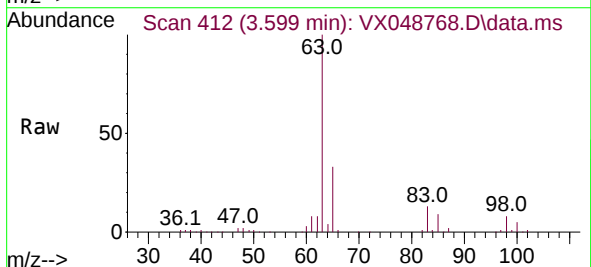
Tgt Ion: 43 Resp: 1594758
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.2 13.8

Manual Integrations
 APPROVED

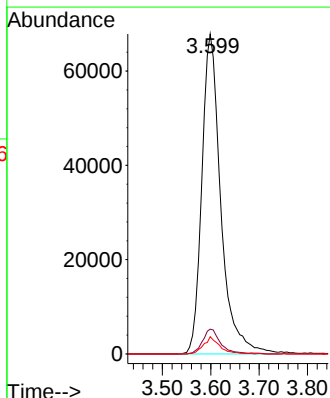
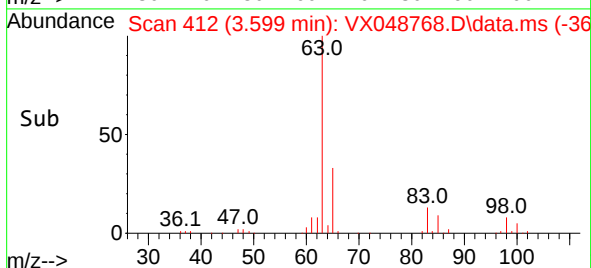
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025

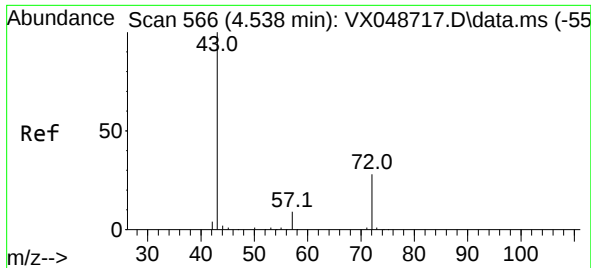


#24
 1,1-Dichloroethane
 Concen: 57.144 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25



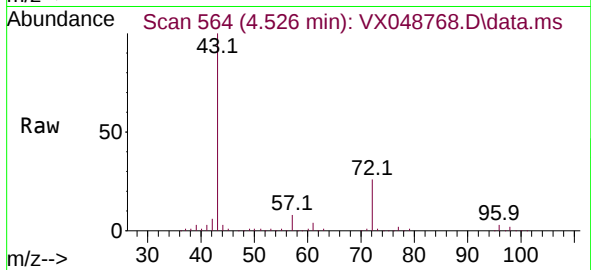
Tgt Ion: 63 Resp: 184632
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 5.4 2.5 7.4





#25
2-Butanone
Concen: 348.217 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

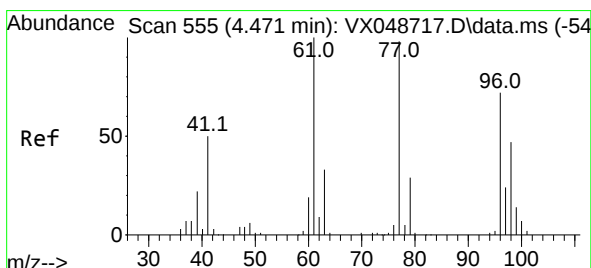
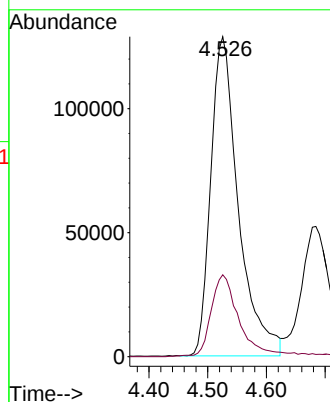
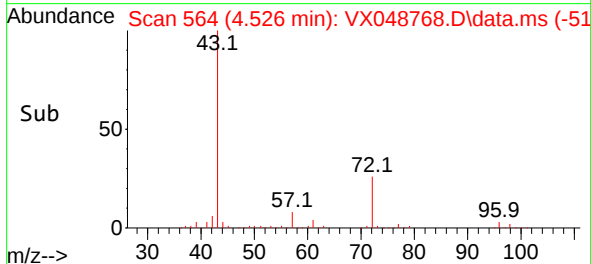
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 419918
Ion Ratio Lower Upper
43 100
72 25.3 22.6 34.0

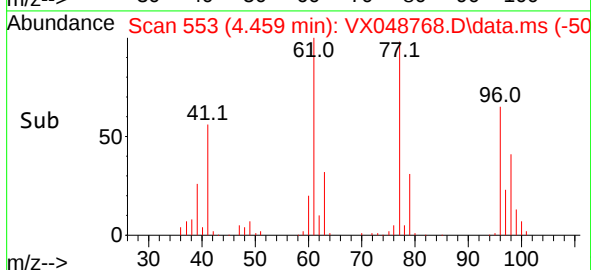
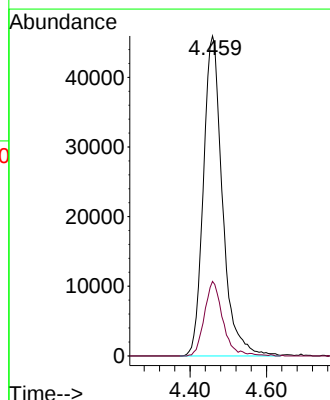
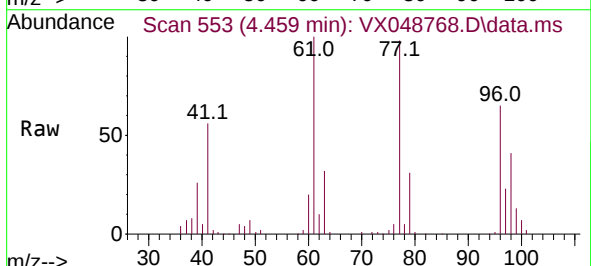
Manual Integrations
APPROVED

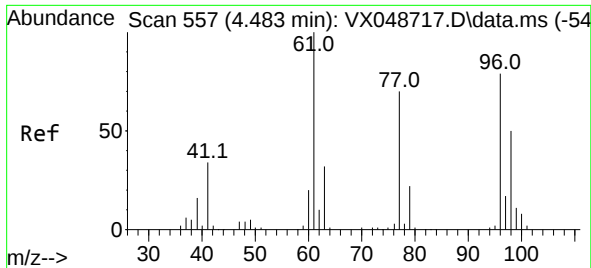
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#26
2,2-Dichloropropane
Concen: 55.605 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.012 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

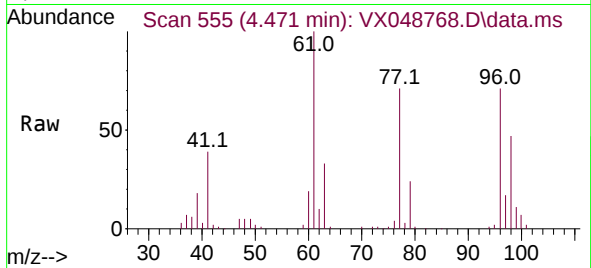
Tgt Ion: 77 Resp: 158969
Ion Ratio Lower Upper
77 100
97 22.5 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 54.926 ug/l
 RT: 4.471 min Scan# 557
 Delta R.T. -0.012 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25

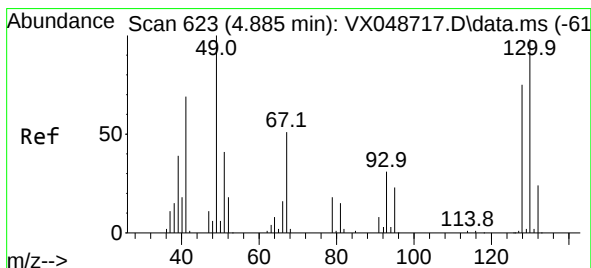
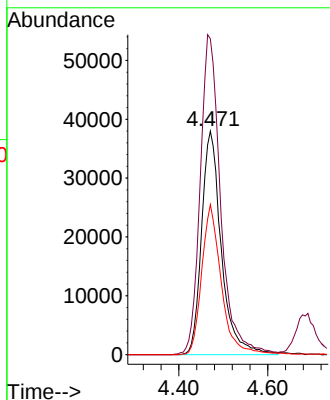
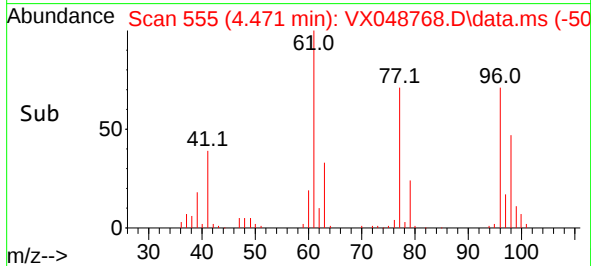
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 116810
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 271.0
 98 66.6 0.0 130.2

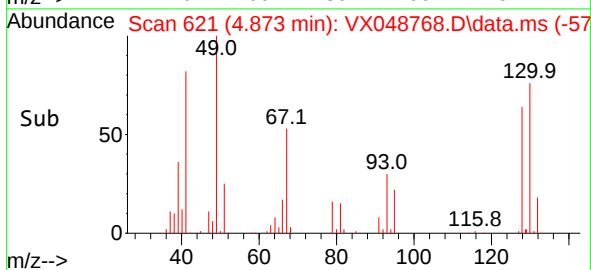
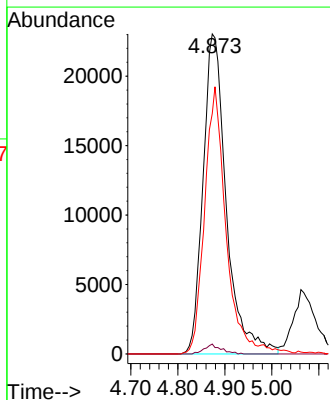
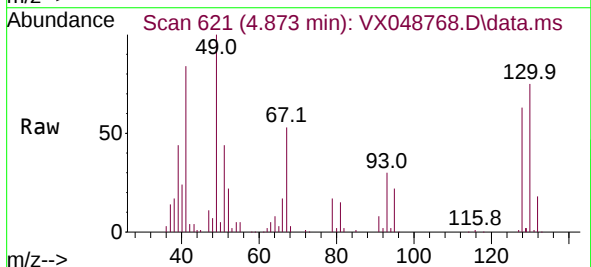
Manual Integrations
 APPROVED

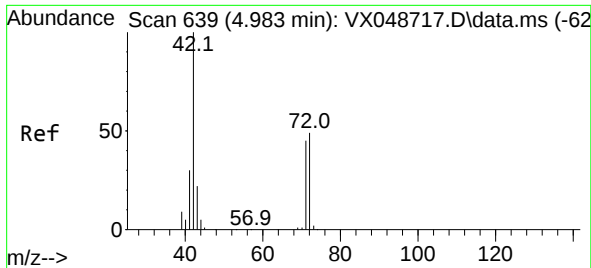
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025



#28
 Bromochloromethane
 Concen: 50.110 ug/l
 RT: 4.873 min Scan# 621
 Delta R.T. -0.012 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25

Tgt Ion: 49 Resp: 79357
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 75.1 73.9 110.9





#29

Tetrahydrofuran

Concen: 303.903 ug/l

RT: 4.971 min Scan# 639

Delta R.T. -0.012 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 279835

Ion Ratio Lower Upper

42 100

72 44.4 39.4 59.2

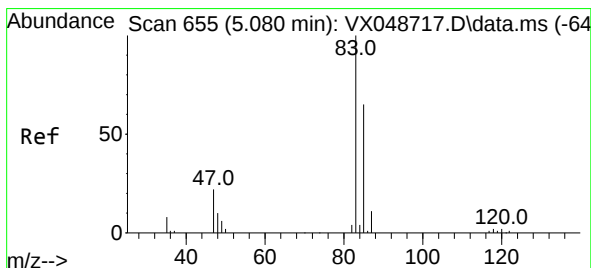
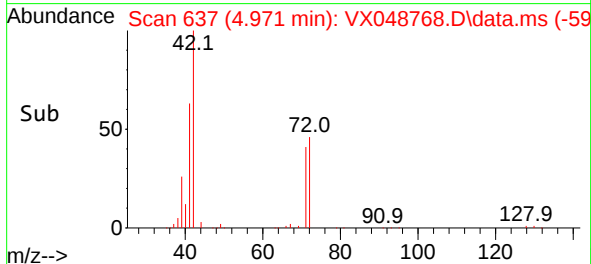
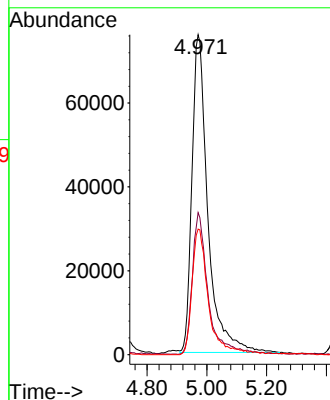
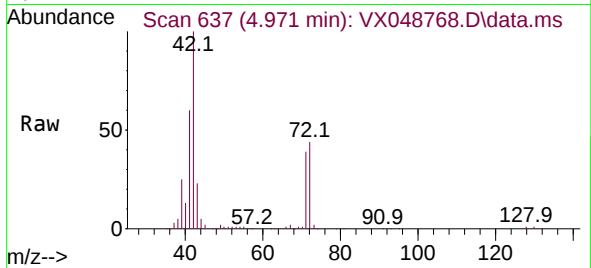
71 40.3 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#30

Chloroform

Concen: 54.852 ug/l

RT: 5.068 min Scan# 653

Delta R.T. -0.012 min

Lab File: VX048768.D

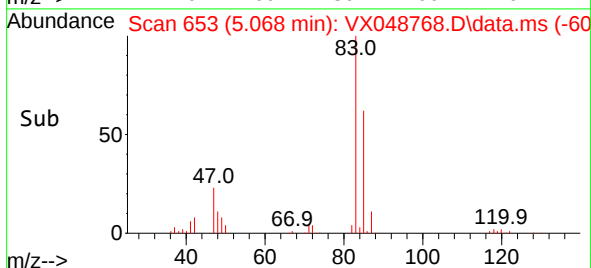
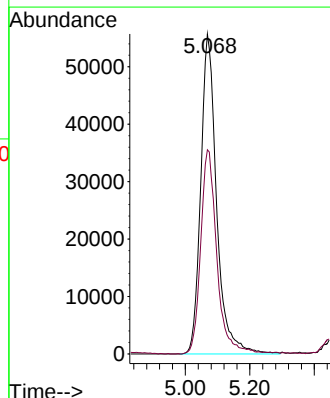
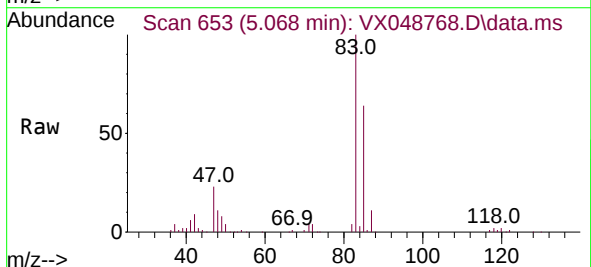
Acq: 09 Dec 2025 09:25

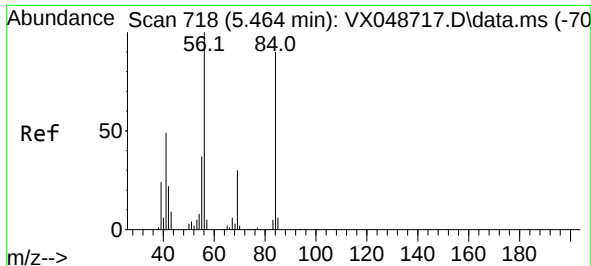
Tgt Ion: 83 Resp: 189898

Ion Ratio Lower Upper

83 100

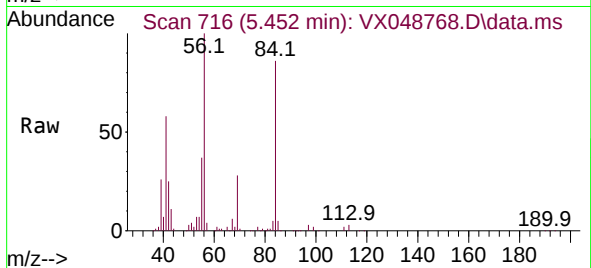
85 63.8 52.1 78.1





#31
Cyclohexane
Concen: 53.740 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

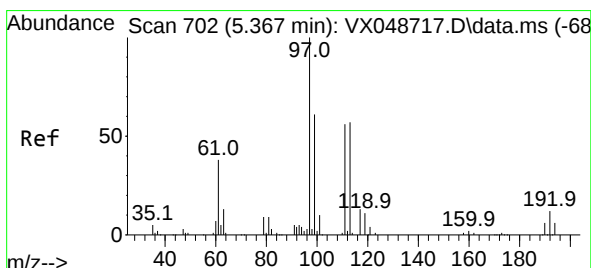
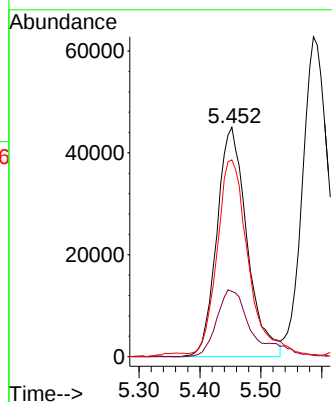
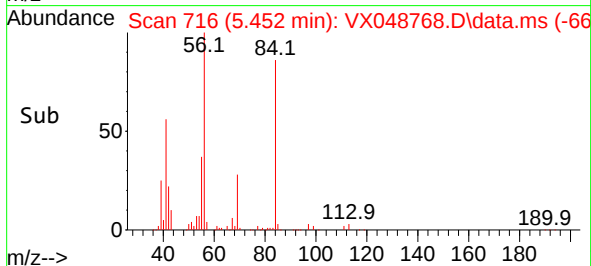
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 155023
Ion Ratio Lower Upper
56 100
69 28.5 24.2 36.2
84 84.3 72.1 108.1

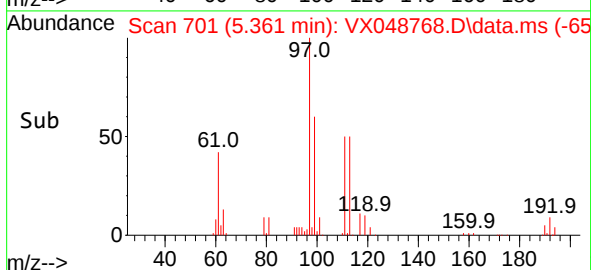
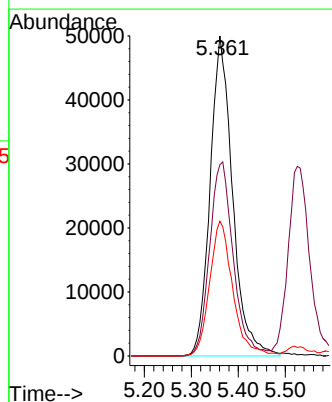
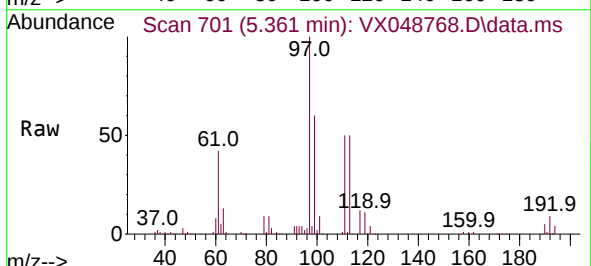
Manual Integrations
APPROVED

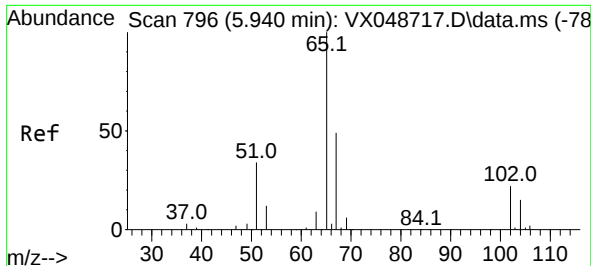
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#32
1,1,1-Trichloroethane
Concen: 53.328 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion: 97 Resp: 165423
Ion Ratio Lower Upper
97 100
99 64.1 50.5 75.7
61 43.6 30.6 45.8





#33

1,2-Dichloroethane-d4

Concen: 48.411 ug/l

RT: 5.928 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 103325

Ion Ratio Lower Upper

65 100

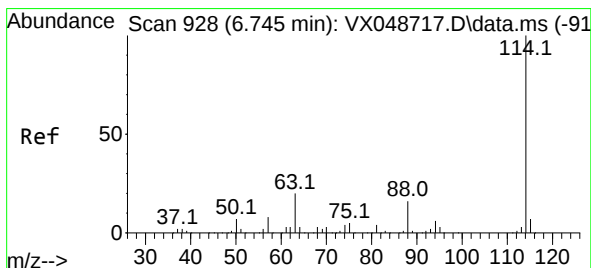
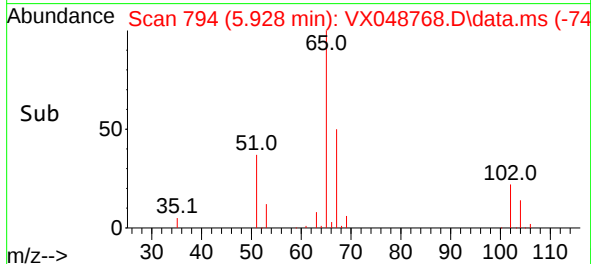
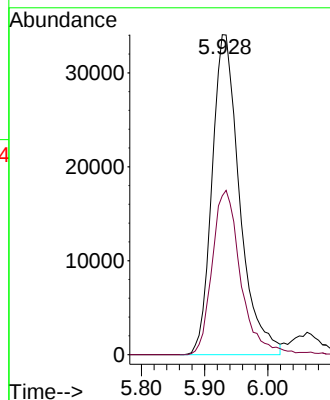
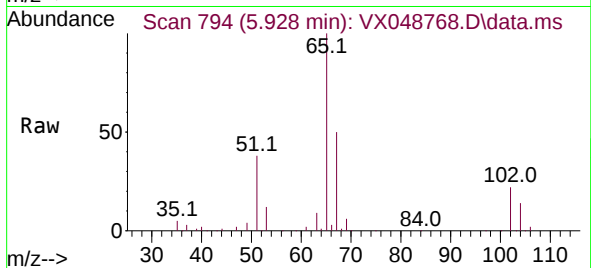
67 52.8 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

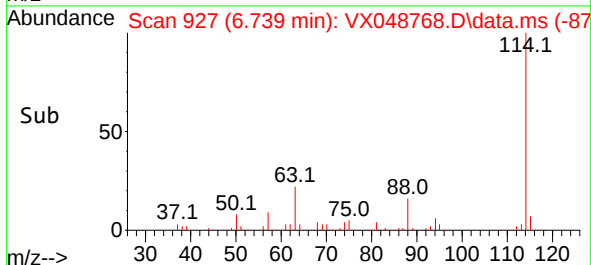
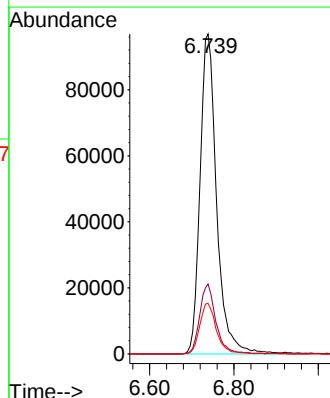
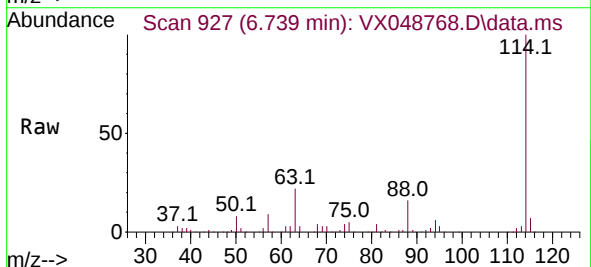
Tgt Ion:114 Resp: 262535

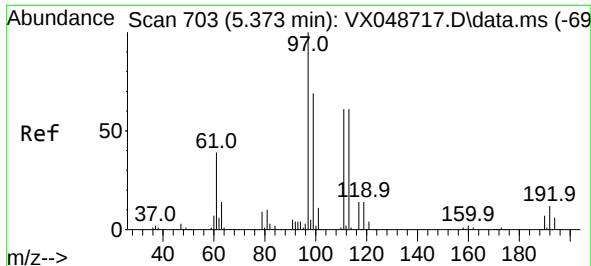
Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.0

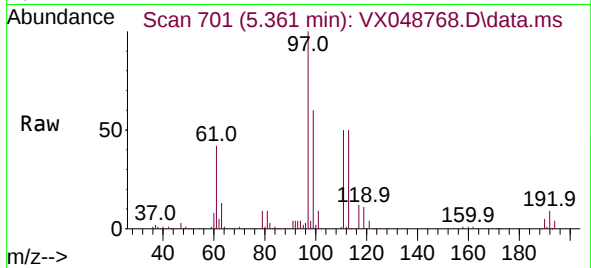
88 15.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 45.321 ug/l
RT: 5.361 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

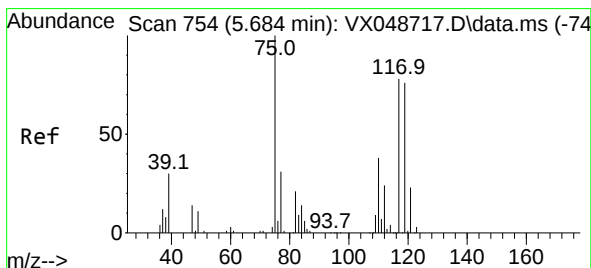
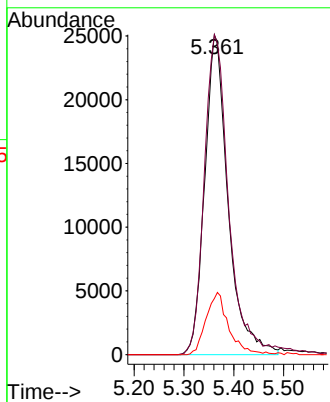
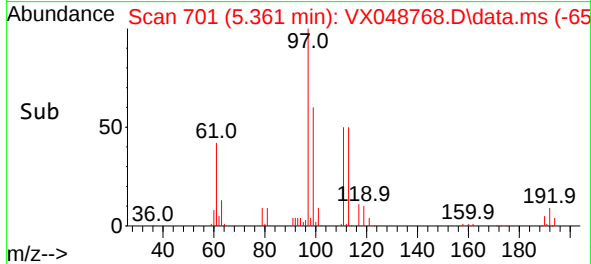
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 81924
Ion Ratio Lower Upper
113 100
111 106.1 79.5 119.3
192 18.6 16.1 24.1

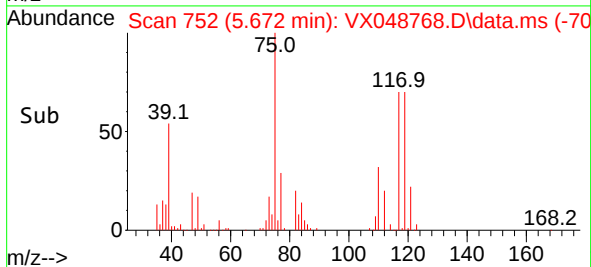
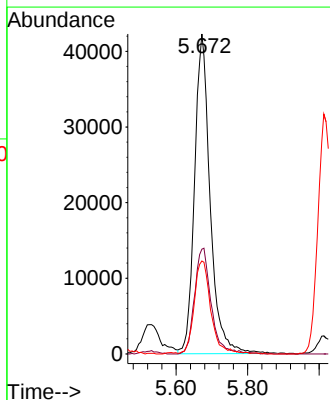
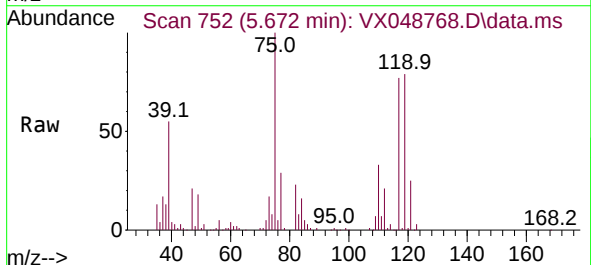
Manual Integrations
APPROVED

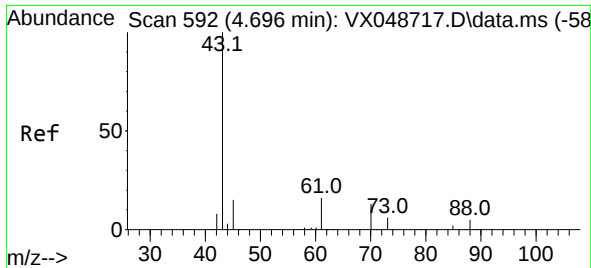
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#36
1,1-Dichloropropene
Concen: 51.739 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion: 75 Resp: 128099
Ion Ratio Lower Upper
75 100
110 35.2 18.6 55.8
77 30.2 25.3 37.9





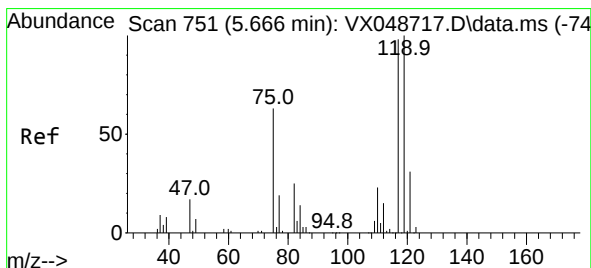
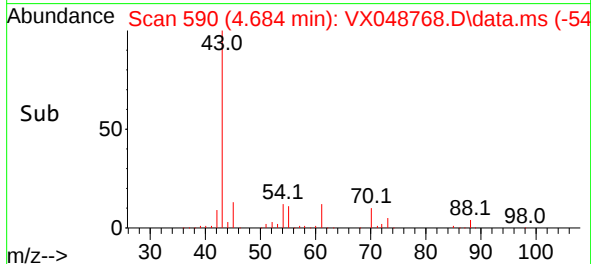
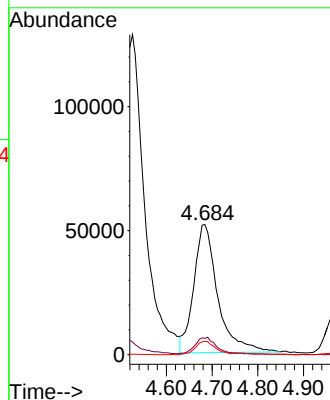
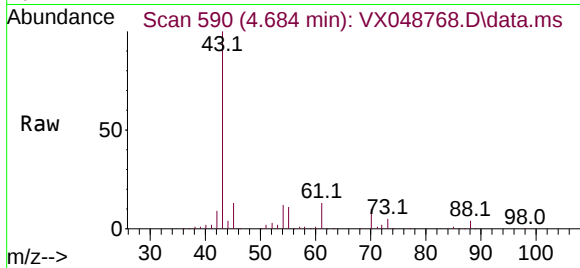
#37
Ethyl Acetate
Concen: 63.912 ug/l
RT: 4.684 min Scan# 592
Delta R.T. -0.012 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 189075
Ion Ratio Lower Upper
43 100
61 12.3 9.7 14.5
70 8.7 8.2 12.4

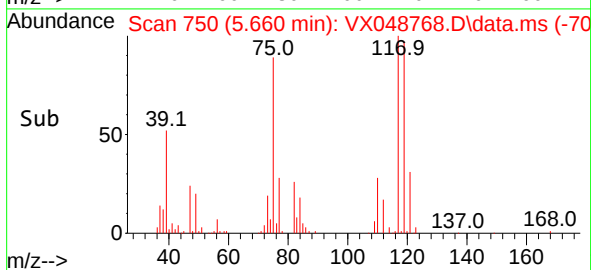
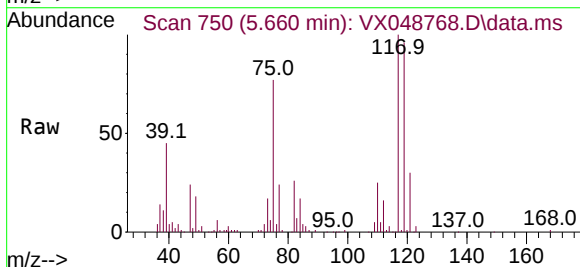
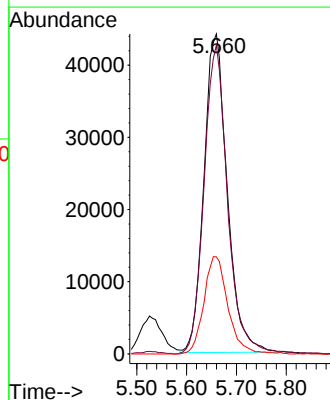
Manual Integrations
APPROVED

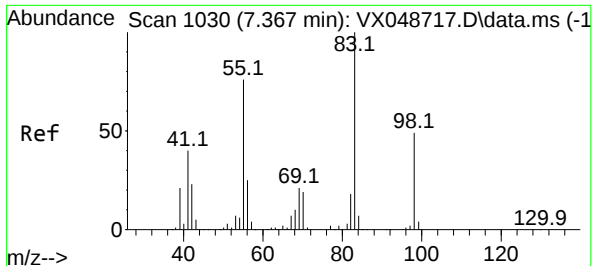
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#38
Carbon Tetrachloride
Concen: 51.167 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion:117 Resp: 143493
Ion Ratio Lower Upper
117 100
119 96.8 80.5 120.7
121 30.5 25.4 38.0





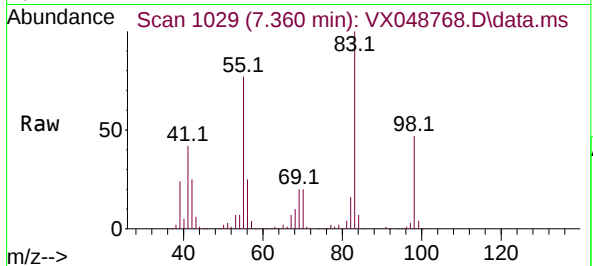
#39
Methylcyclohexane
Concen: 53.111 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



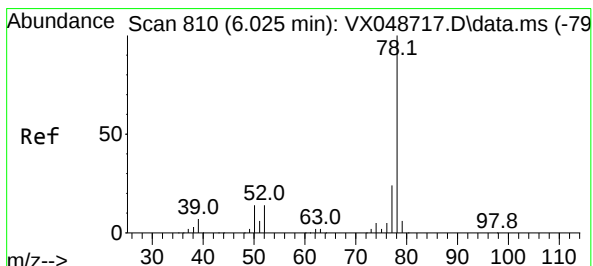
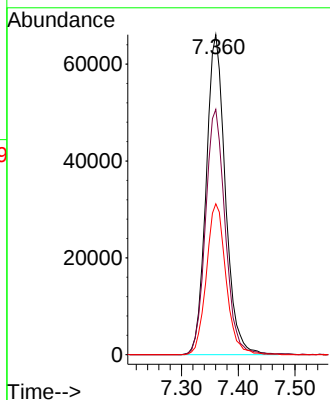
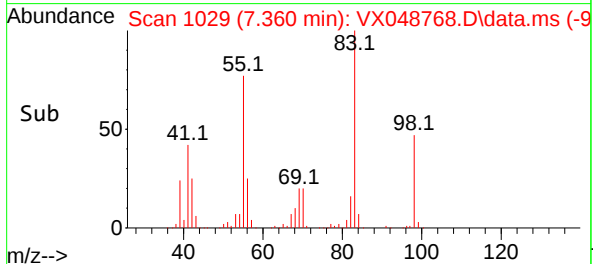
Tgt Ion: 83 Resp: 155487
Ion Ratio Lower Upper
83 100
55 76.6 60.6 90.8
98 47.1 39.3 58.9

Manual Integrations

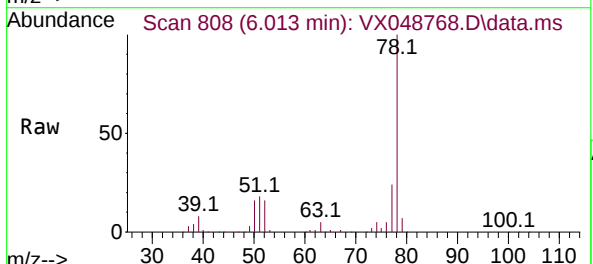
APPROVED

Reviewed By :John Carlone 12/10/2025

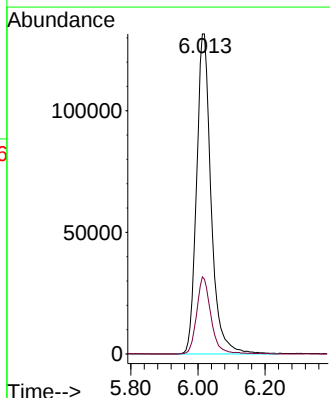
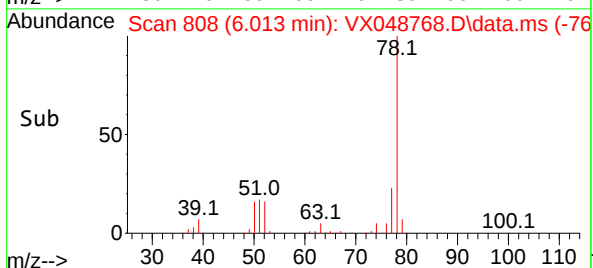
Supervised By :Mahesh Dadoda 12/10/2025

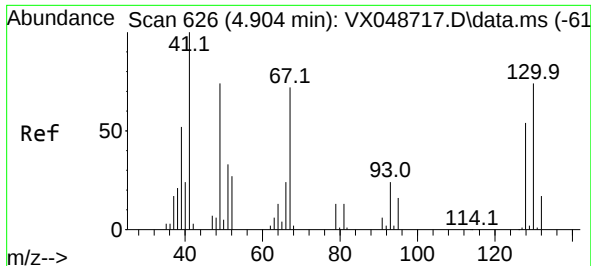


#40
Benzene
Concen: 53.786 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25



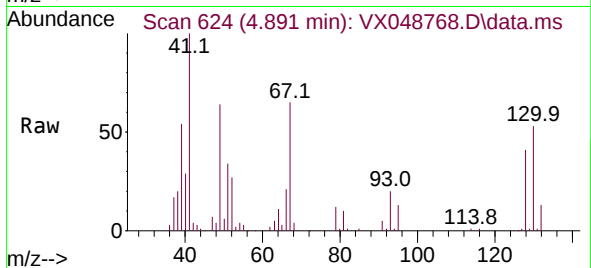
Tgt Ion: 78 Resp: 394766
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2





#41
Methacrylonitrile
Concen: 64.350 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

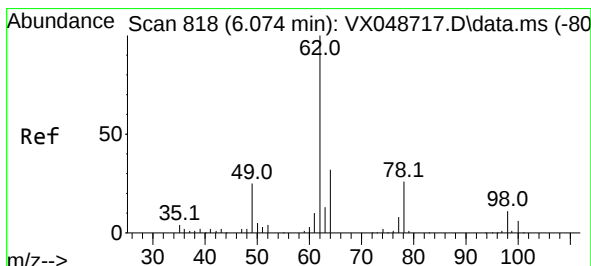
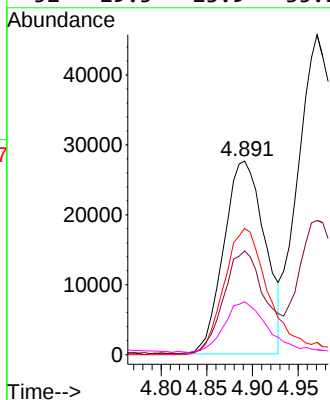
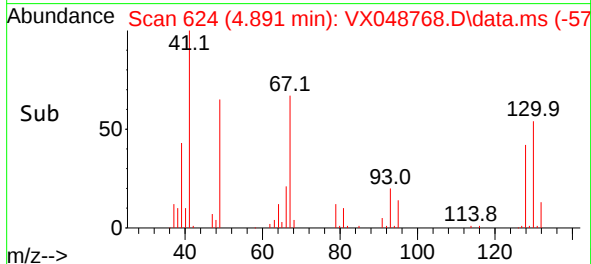
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 86618
Ion Ratio Lower Upper
41 100
39 54.5 42.3 63.5
67 73.3 66.6 100.0
52 29.5 23.9 35.9

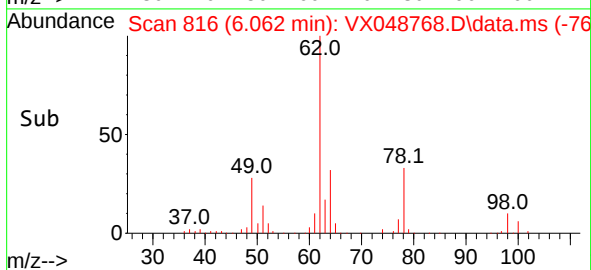
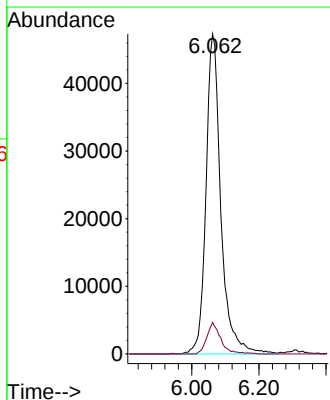
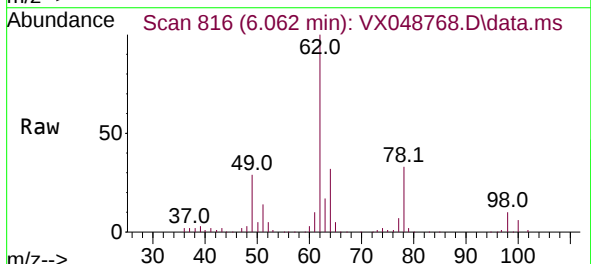
Manual Integrations
APPROVED

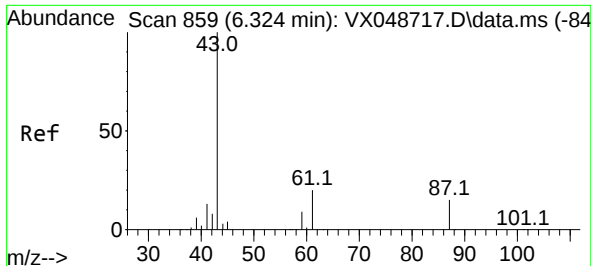
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#42
1,2-Dichloroethane
Concen: 55.872 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion: 62 Resp: 145142
Ion Ratio Lower Upper
62 100
98 9.2 0.0 20.2





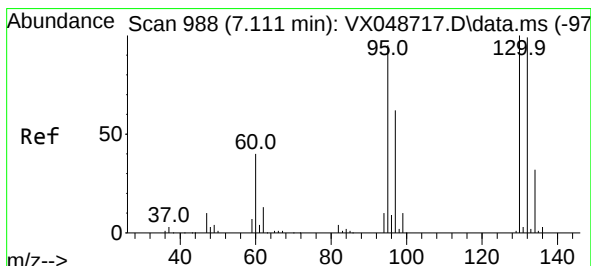
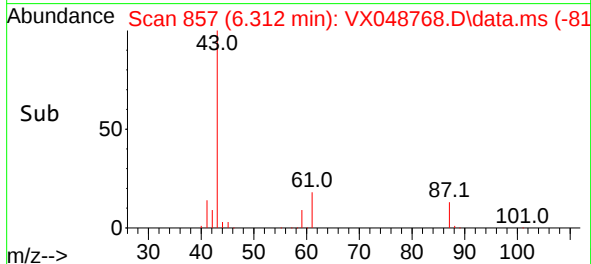
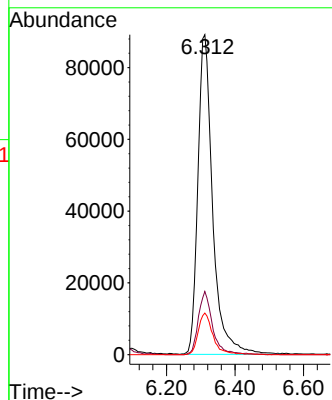
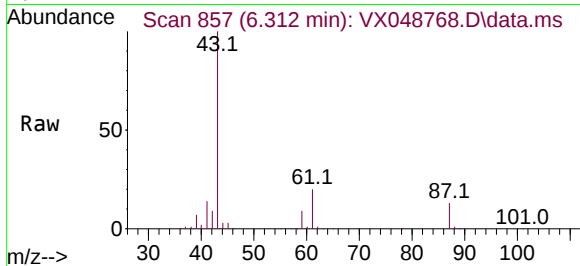
#43
Isopropyl Acetate
Concen: 59.333 ug/l
RT: 6.312 min Scan# 857
Delta R.T. -0.012 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 265790
Ion Ratio Lower Upper
43 100
61 19.1 16.8 25.2
87 12.9 11.8 17.6

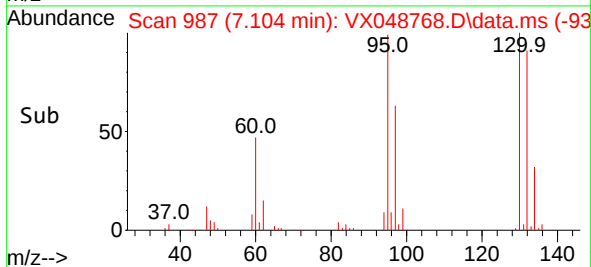
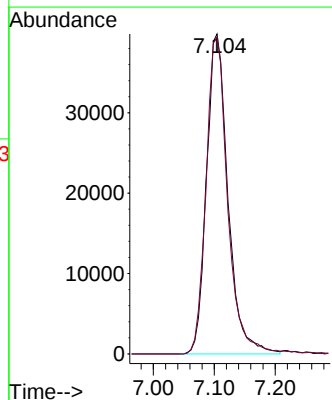
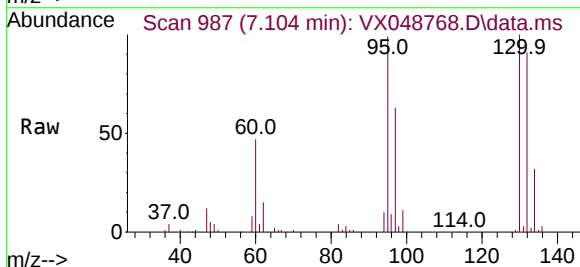
Manual Integrations
APPROVED

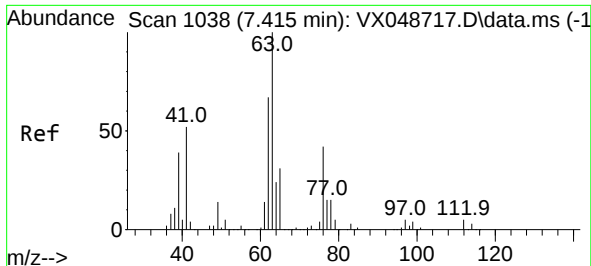
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#44
Trichloroethene
Concen: 50.910 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion:130 Resp: 97497
Ion Ratio Lower Upper
130 100
95 99.0 0.0 189.6





#45

1,2-Dichloropropane

Concen: 54.110 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 99262

Ion Ratio Lower Upper

63 100

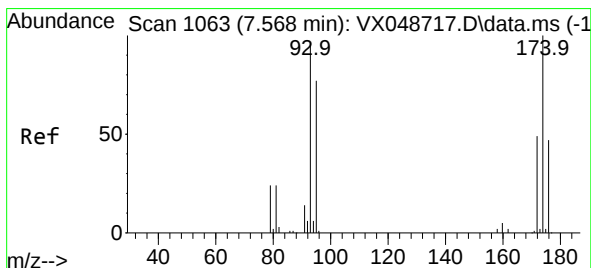
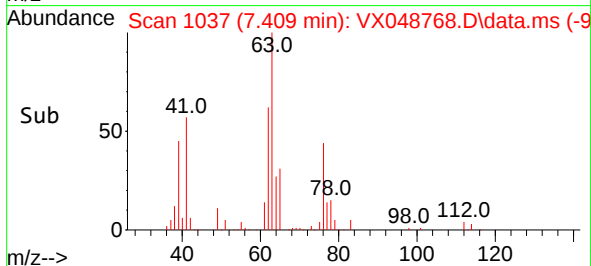
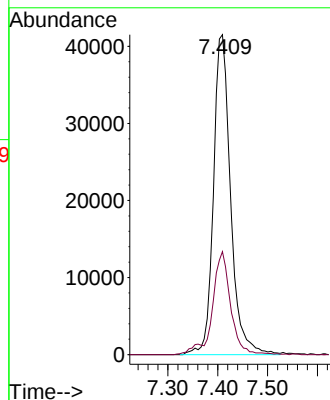
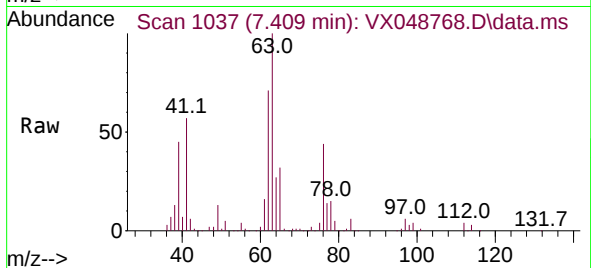
65 32.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#46

Dibromomethane

Concen: 53.847 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

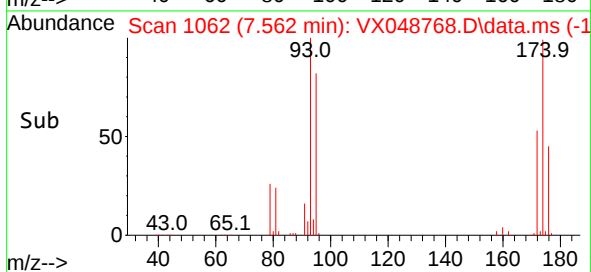
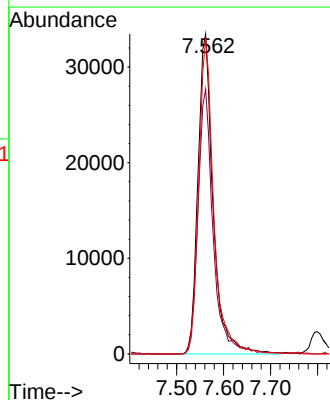
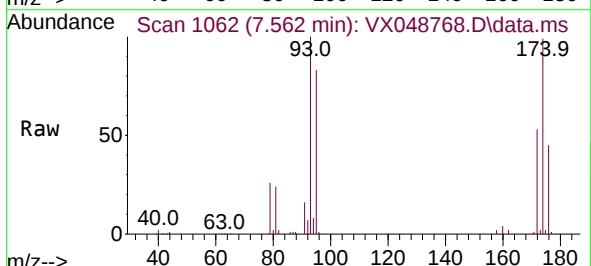
Tgt Ion: 93 Resp: 74909

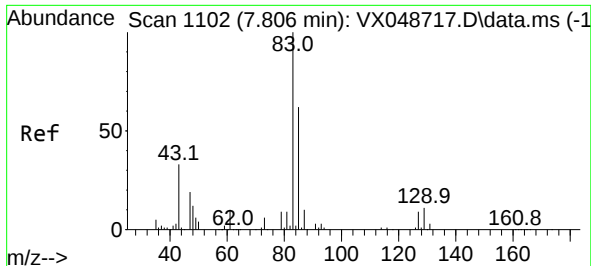
Ion Ratio Lower Upper

93 100

95 82.6 65.5 98.3

174 97.3 82.0 123.0





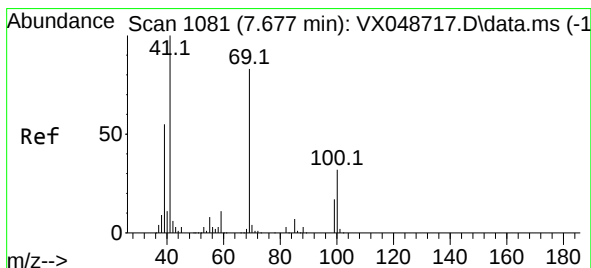
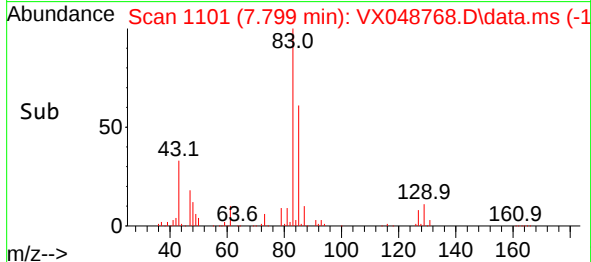
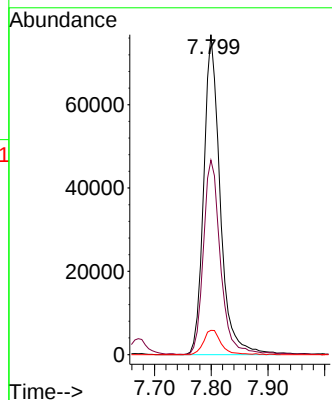
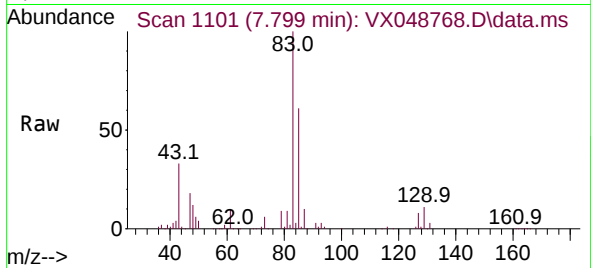
#47
Bromodichloromethane
Concen: 53.404 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 154892
Ion Ratio Lower Upper
83 100
85 60.7 49.8 74.8
127 7.6 7.1 10.7

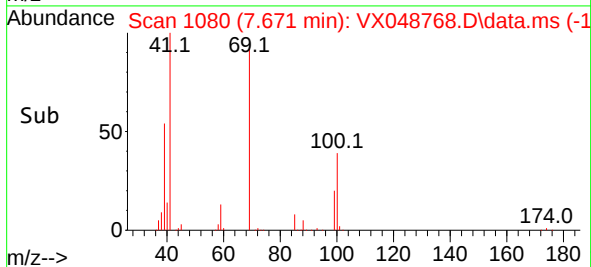
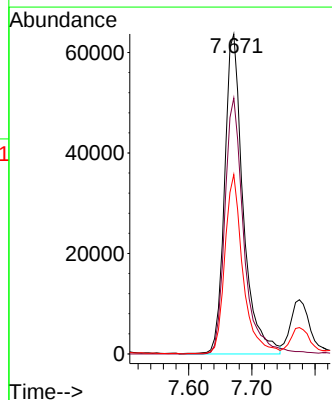
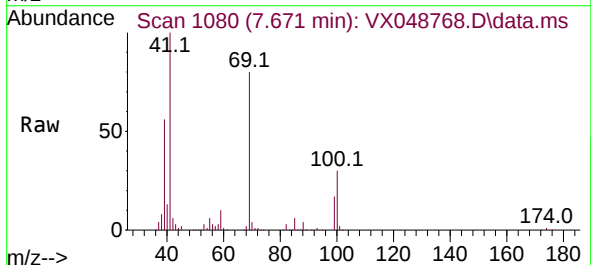
Manual Integrations
APPROVED

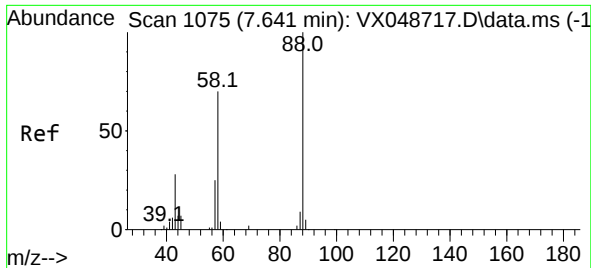
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#48
Methyl methacrylate
Concen: 57.793 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

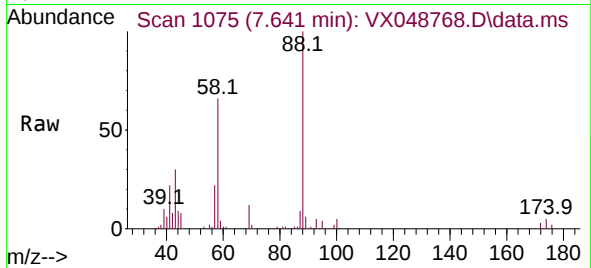
Tgt Ion: 41 Resp: 130232
Ion Ratio Lower Upper
41 100
69 81.3 68.5 102.7
39 54.5 43.5 65.3





#49
1,4-Dioxane
Concen: 1023.467 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

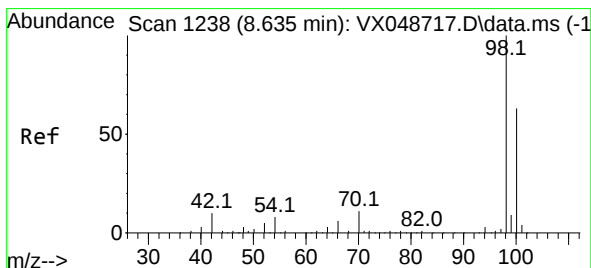
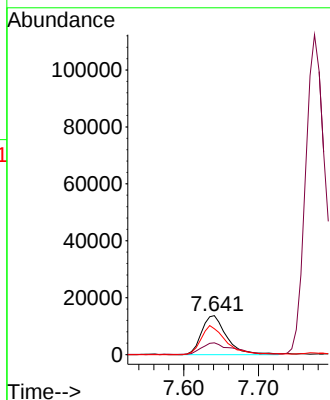
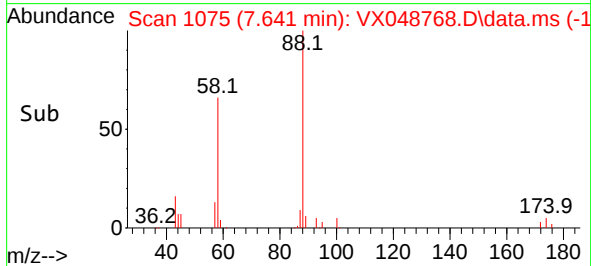
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 31719
Ion Ratio Lower Upper
88 100
43 36.9 28.6 43.0
58 73.1 58.0 87.0

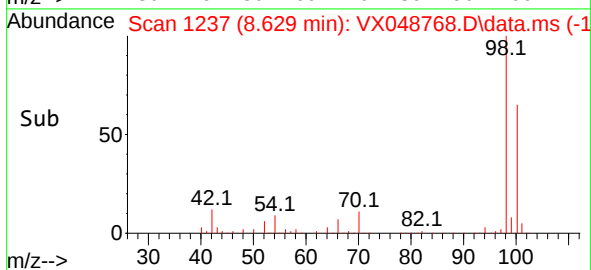
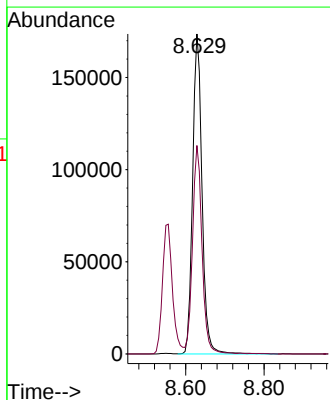
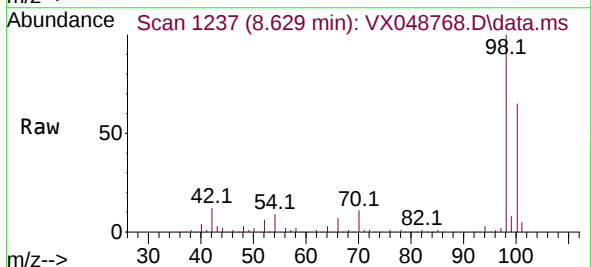
Manual Integrations
APPROVED

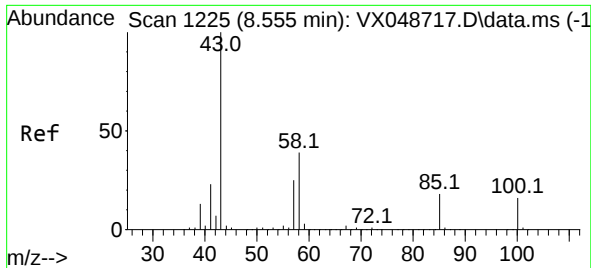
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#50
Toluene-d8
Concen: 45.468 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion: 98 Resp: 288105
Ion Ratio Lower Upper
98 100
100 65.3 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 305.908 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

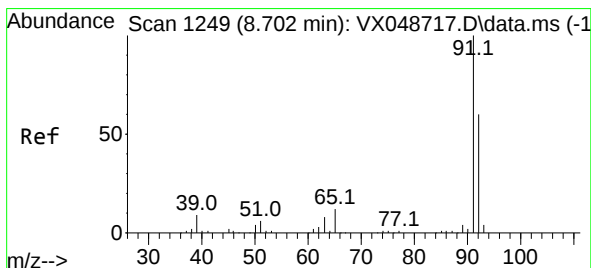
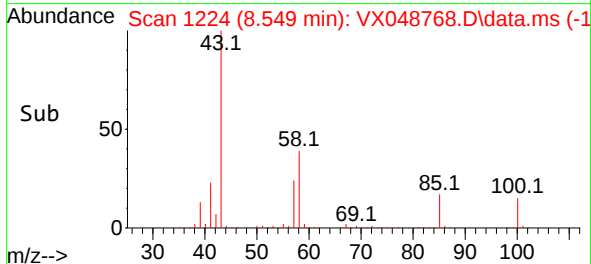
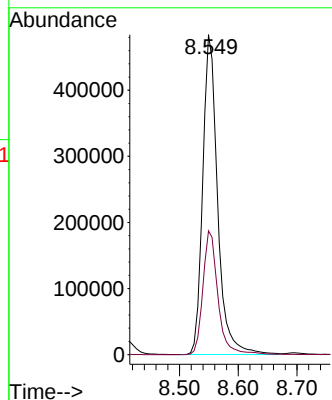
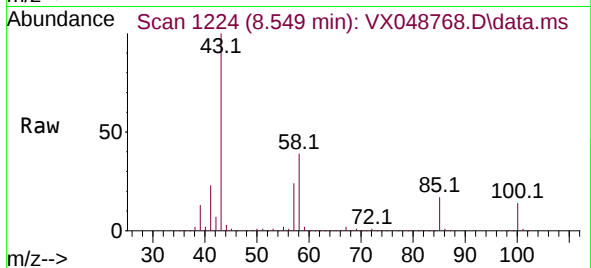
VSTDCCC050

Tgt Ion: 43 Resp: 850583
Ion Ratio Lower Upper
43 100
58 39.2 32.2 48.4

Manual Integrations

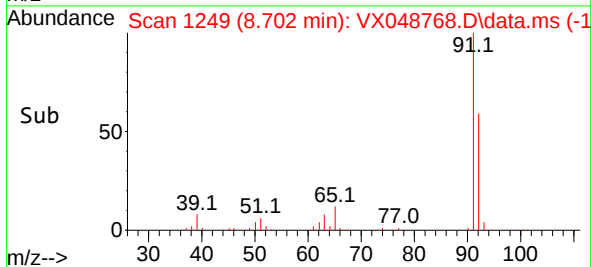
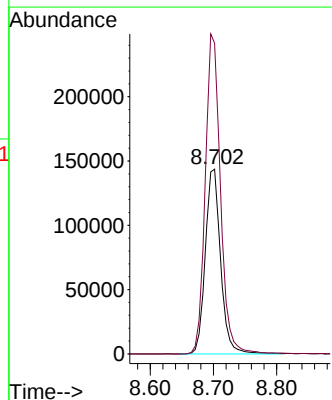
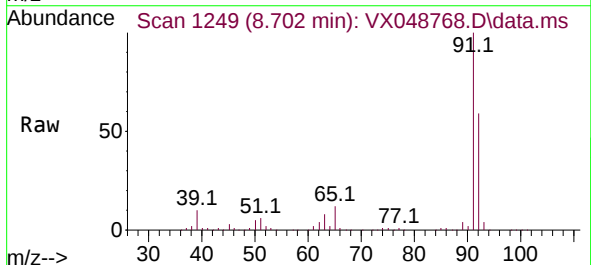
APPROVED

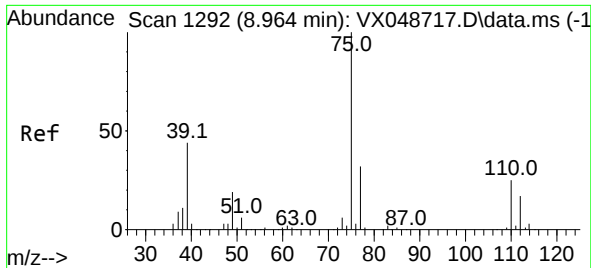
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#52
Toluene
Concen: 54.287 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion: 92 Resp: 240266
Ion Ratio Lower Upper
92 100
91 172.6 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 57.707 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 159236

Ion Ratio Lower Upper

75 100

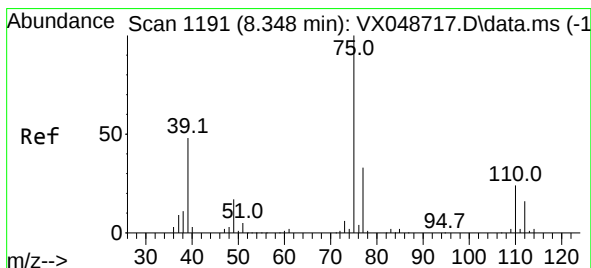
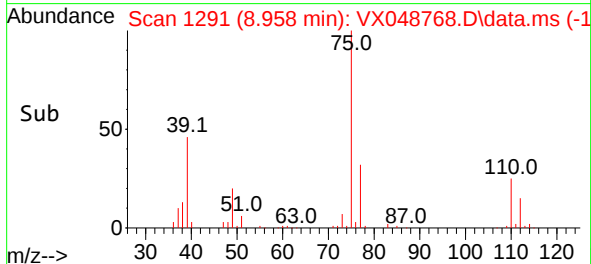
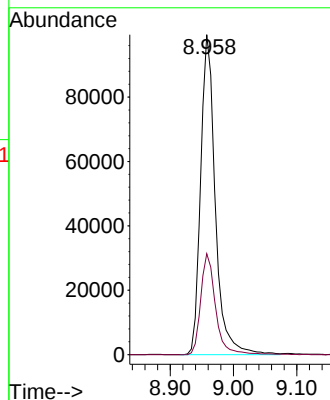
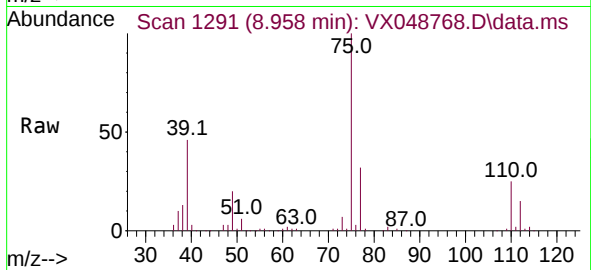
77 31.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#54

cis-1,3-Dichloropropene

Concen: 56.105 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

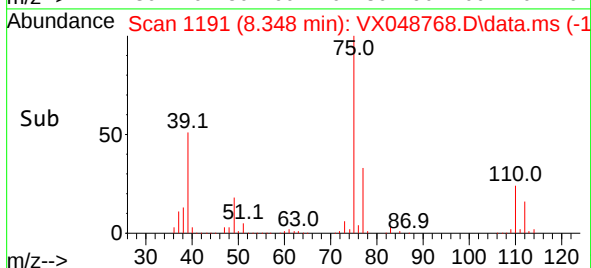
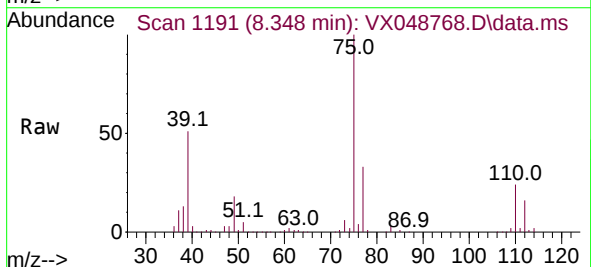
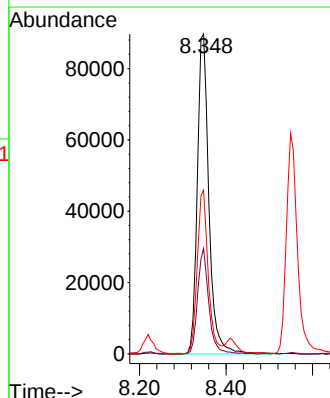
Tgt Ion: 75 Resp: 166376

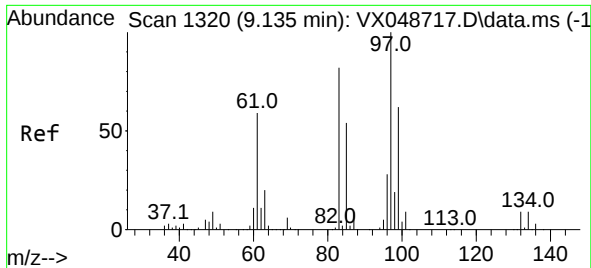
Ion Ratio Lower Upper

75 100

77 32.9 26.1 39.1

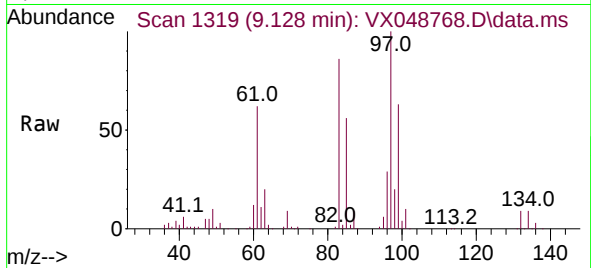
39 51.0 38.2 57.4





#55
 1,1,2-Trichloroethane
 Concen: 54.788 ug/l
 RT: 9.128 min Scan# 1319
 Delta R.T. -0.006 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25

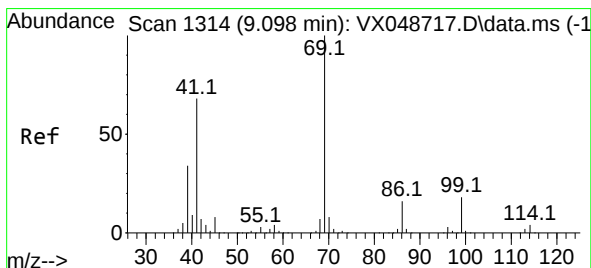
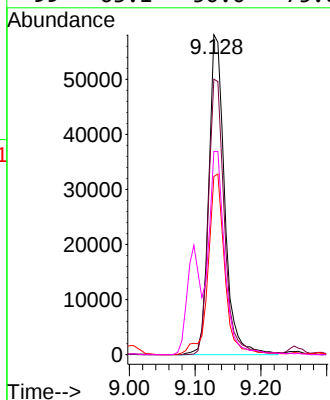
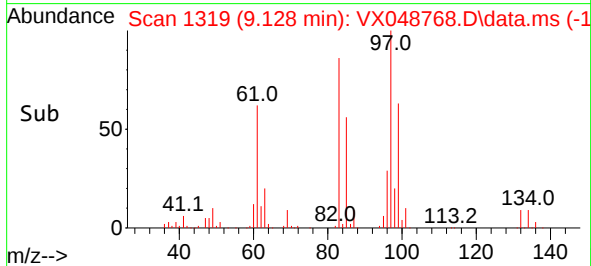
Instrument : MSVOA_X
 ClientSampleId : VSTDCCC050



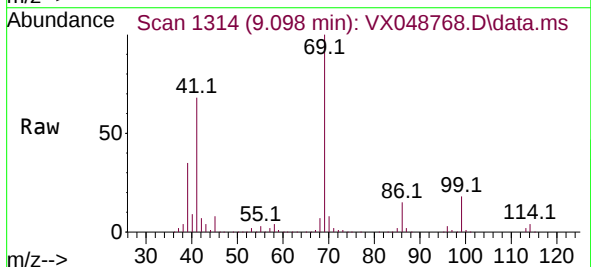
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.0	99.0
85	55.5	43.2	64.8
99	63.1	50.0	75.0

Manual Integrations
 APPROVED

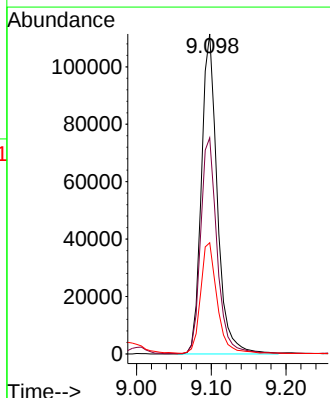
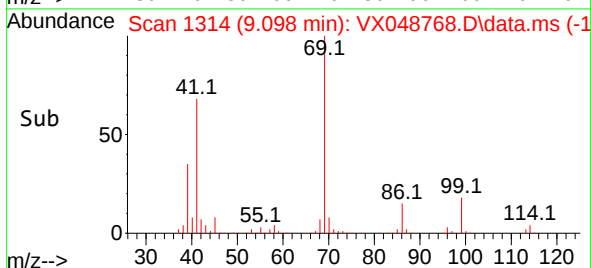
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025

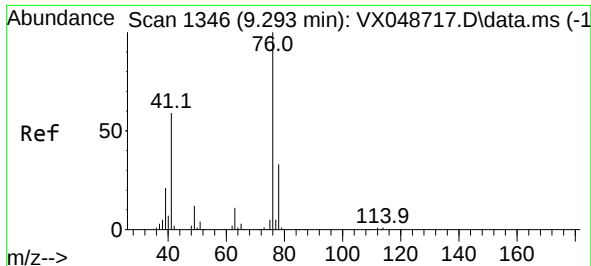


#56
 Ethyl methacrylate
 Concen: 59.049 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.1	53.4	80.2
39	36.3	27.5	41.3





#57

1,3-Dichloropropane

Concen: 55.872 ug/l

RT: 9.287 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 165440

Ion Ratio Lower Upper

76 100

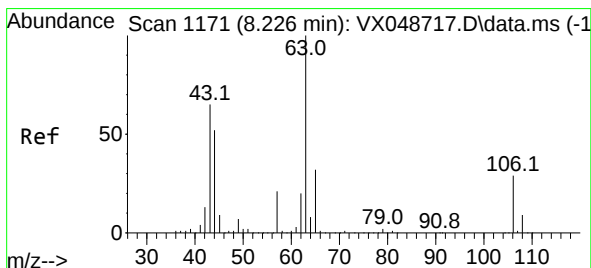
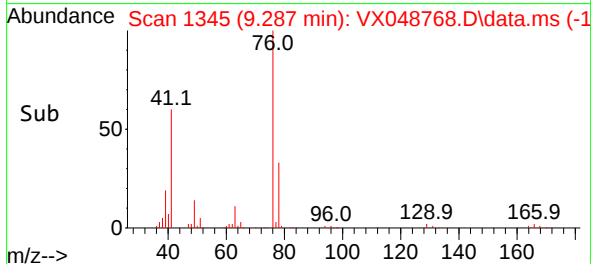
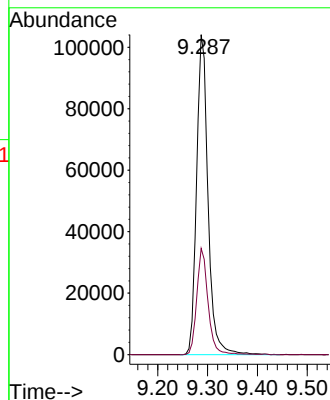
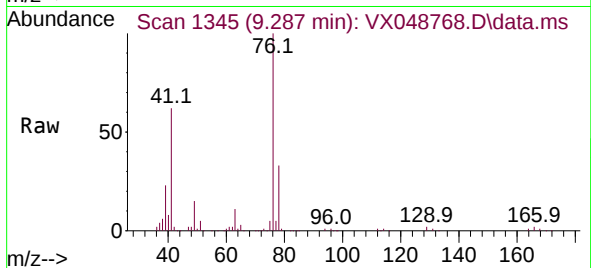
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 286.984 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048768.D

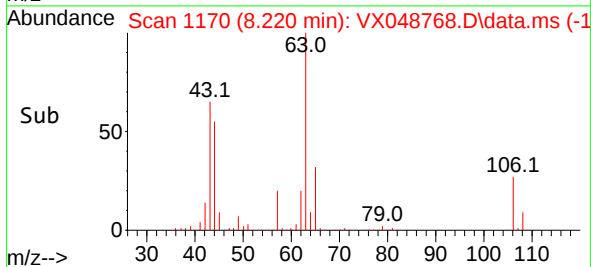
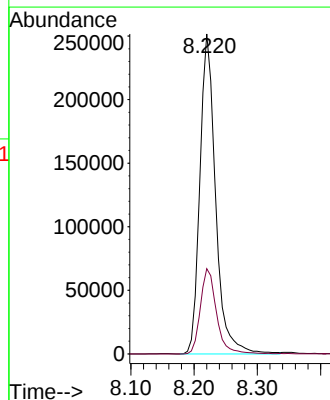
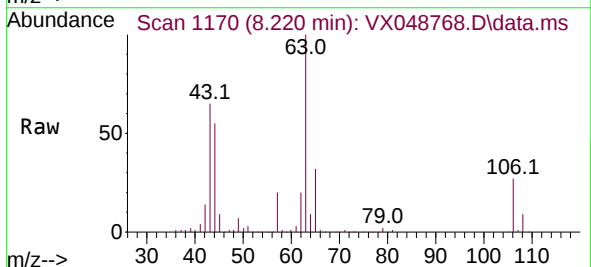
Acq: 09 Dec 2025 09:25

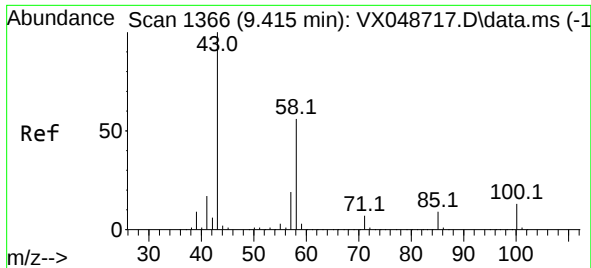
Tgt Ion: 63 Resp: 432343

Ion Ratio Lower Upper

63 100

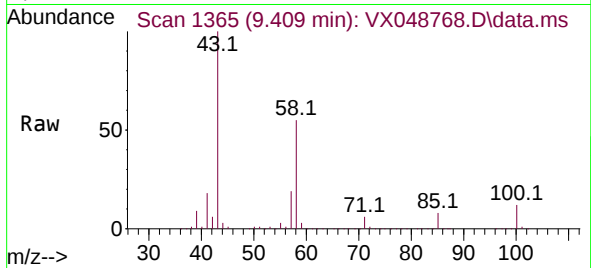
106 27.2 23.4 35.2





#59
2-Hexanone
Concen: 320.765 ug/l
RT: 9.409 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

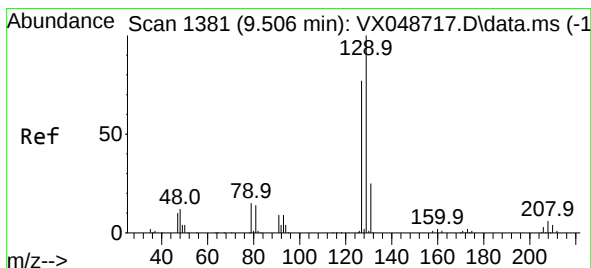
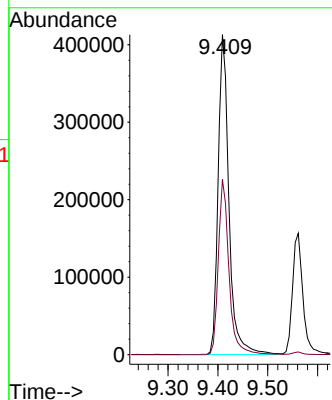
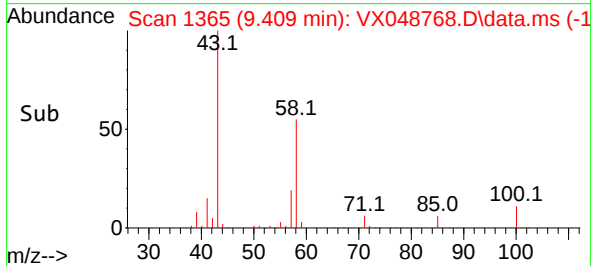
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



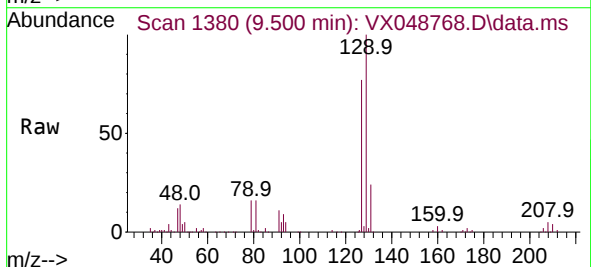
Tgt Ion: 43 Resp: 626090
Ion Ratio Lower Upper
43 100
58 54.1 27.8 83.4

Manual Integrations
APPROVED

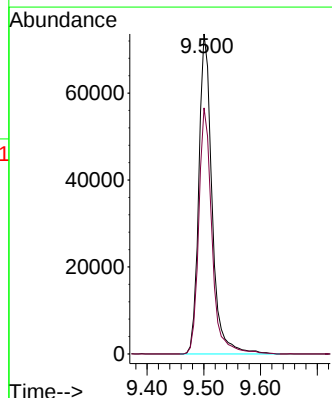
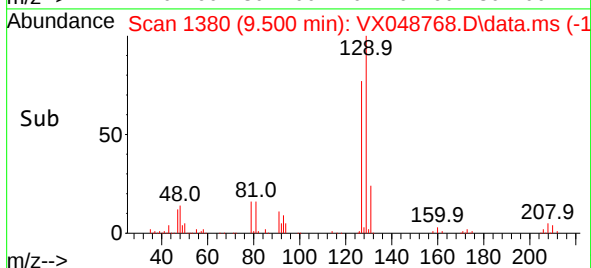
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

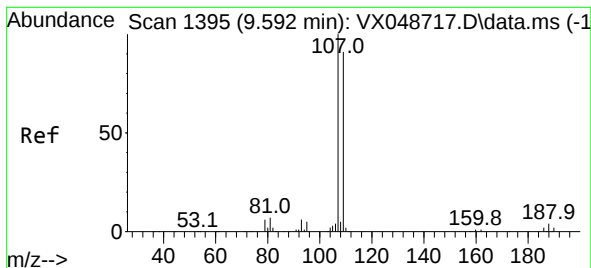


#60
Dibromochloromethane
Concen: 53.988 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25



Tgt Ion:129 Resp: 118881
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9





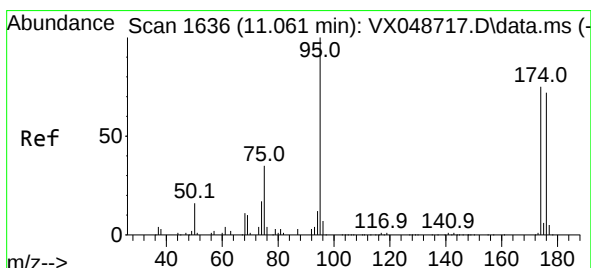
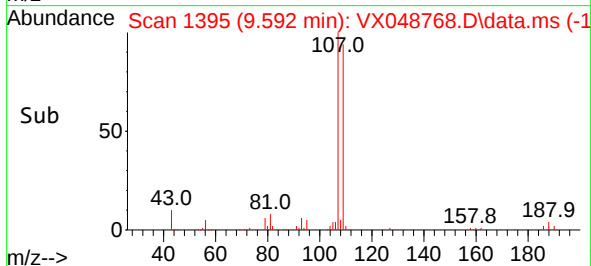
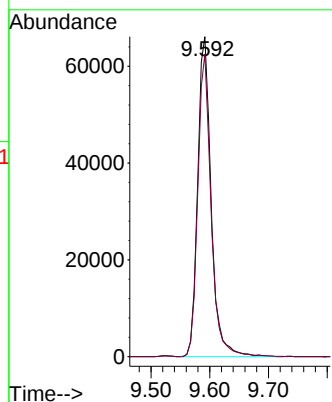
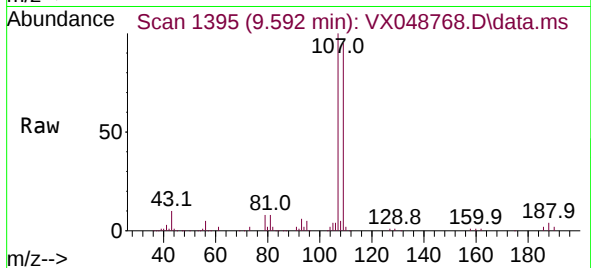
#61
1,2-Dibromoethane
Concen: 54.670 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 105366
Ion Ratio Lower Upper
107 100
109 93.2 74.9 112.3

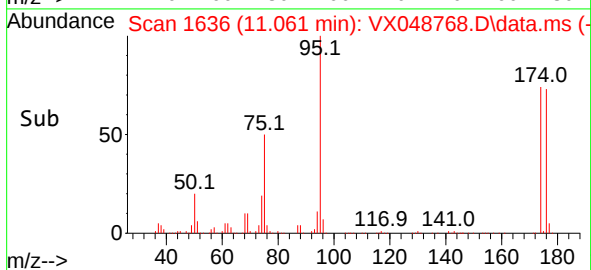
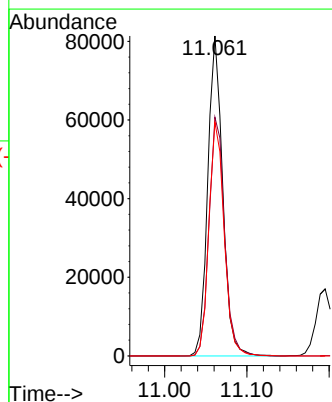
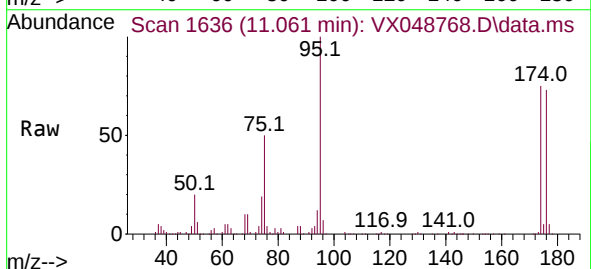
Manual Integrations
APPROVED

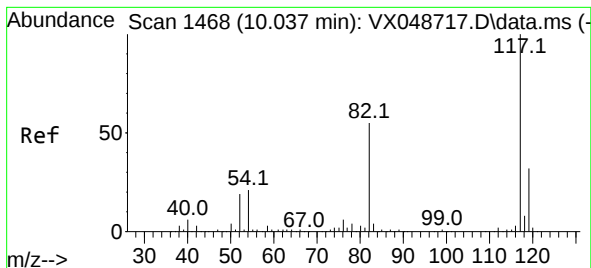
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#62
4-Bromofluorobenzene
Concen: 46.893 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

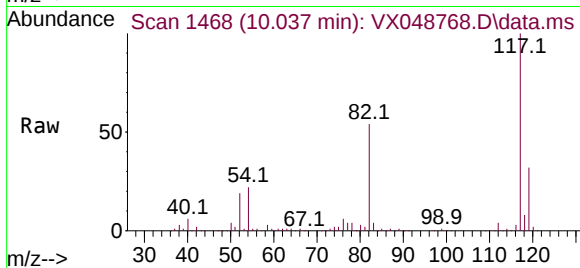
Tgt Ion: 95 Resp: 102460
Ion Ratio Lower Upper
95 100
174 77.7 0.0 157.8
176 74.9 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

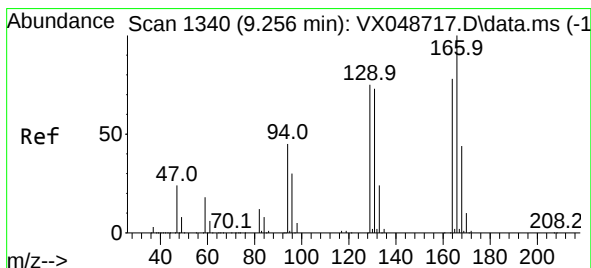
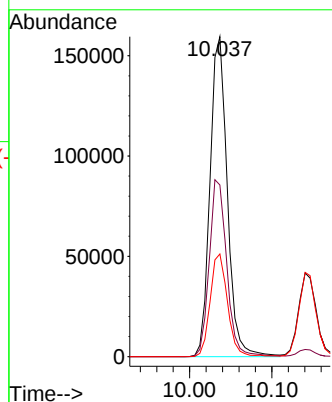
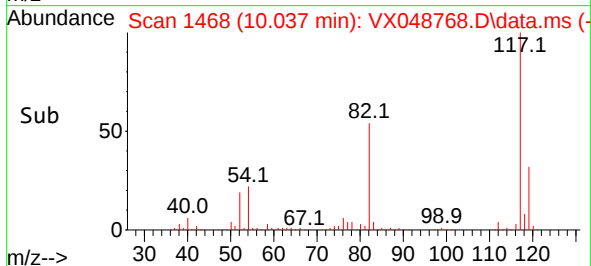
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 23312
Ion Ratio Lower Upper
117 100
82 53.6 44.1 66.1
119 32.1 25.2 37.8

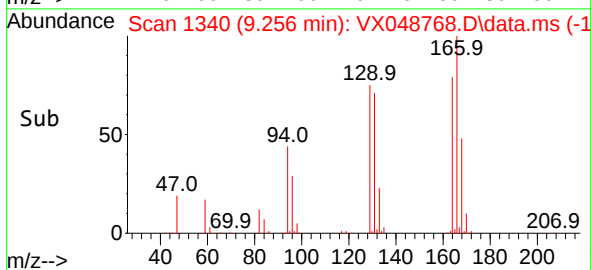
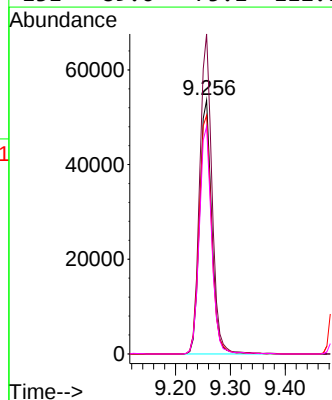
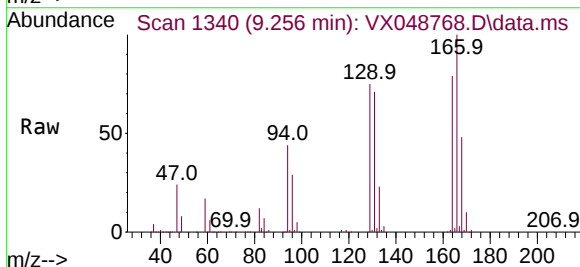
Manual Integrations
APPROVED

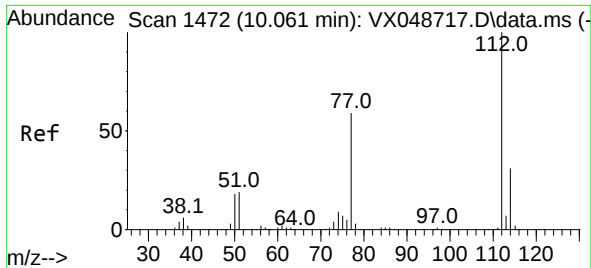
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#64
Tetrachloroethene
Concen: 48.052 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion:164 Resp: 81652
Ion Ratio Lower Upper
164 100
166 126.1 103.1 154.7
129 94.0 76.9 115.3
131 89.6 75.1 112.7





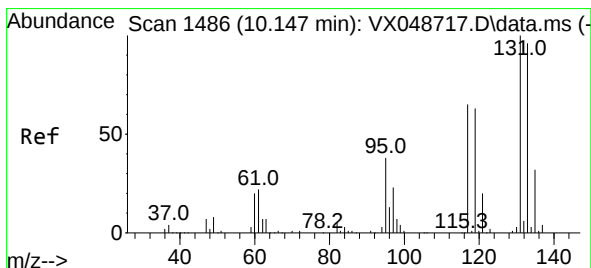
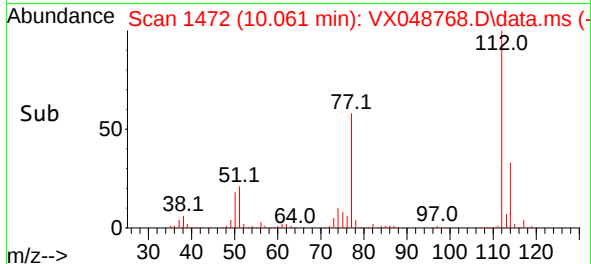
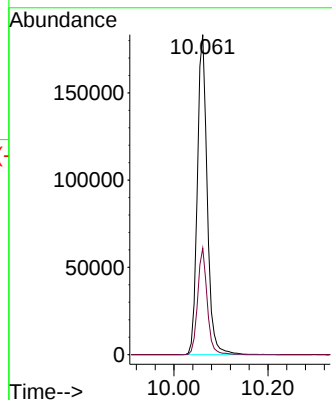
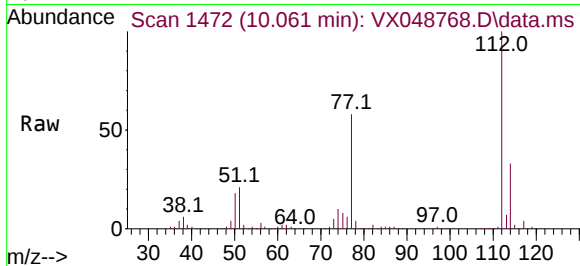
#65
Chlorobenzene
Concen: 51.970 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 265192
Ion Ratio Lower Upper
112 100
114 33.3 24.8 37.2

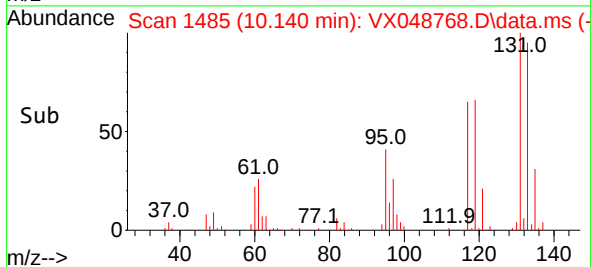
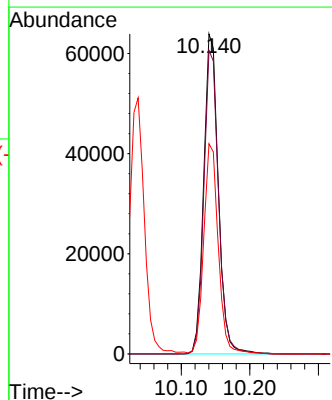
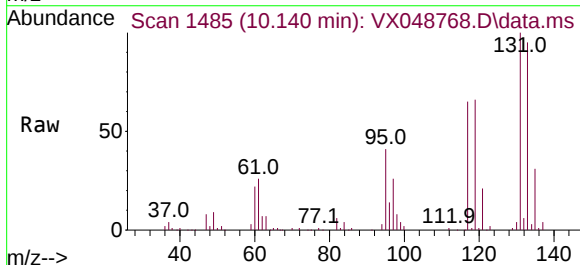
Manual Integrations
APPROVED

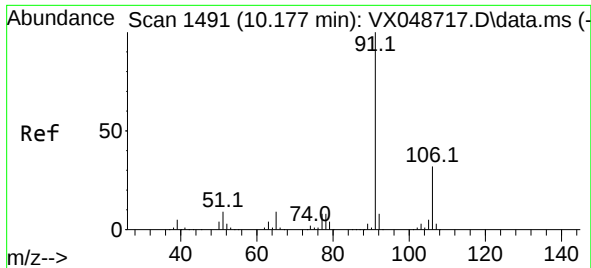
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.658 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

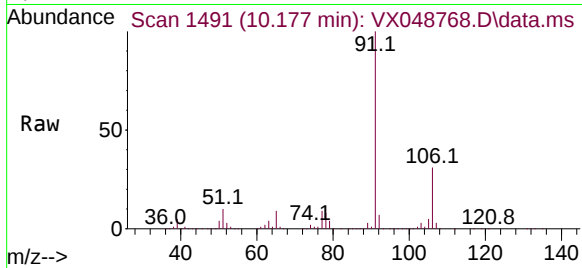
Tgt Ion:131 Resp: 94282
Ion Ratio Lower Upper
131 100
133 95.0 48.3 144.8
119 65.3 32.6 97.7





#67
Ethyl Benzene
Concen: 54.966 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

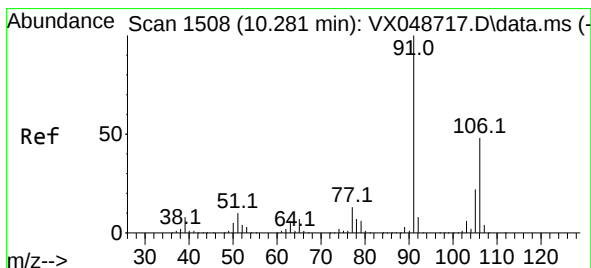
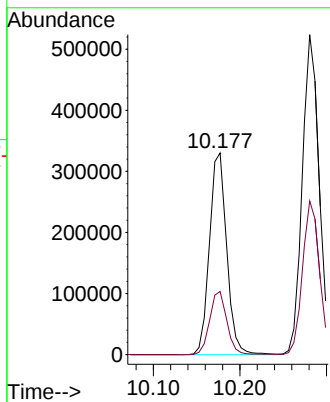
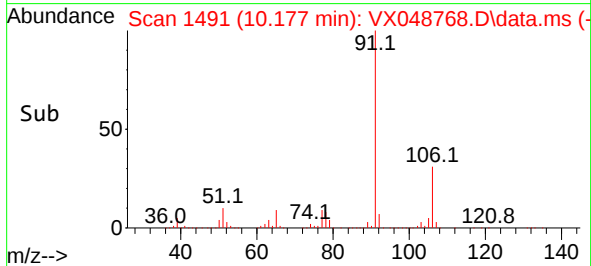
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



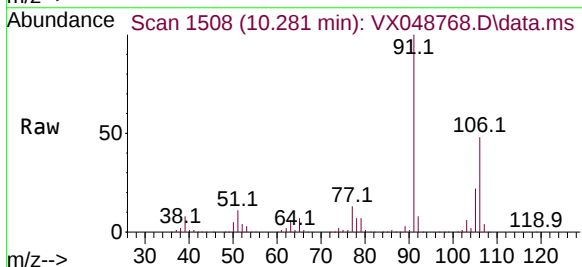
Tgt Ion: 91 Resp: 457682
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

Manual Integrations
APPROVED

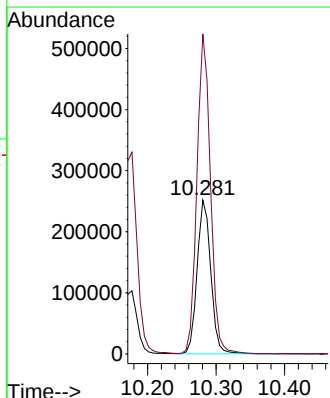
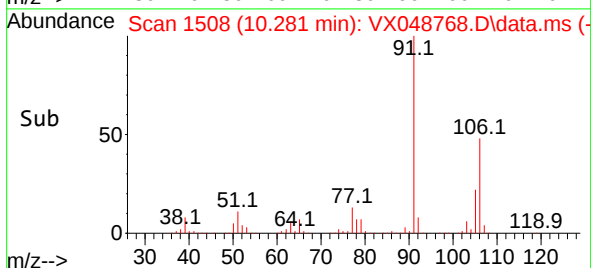
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

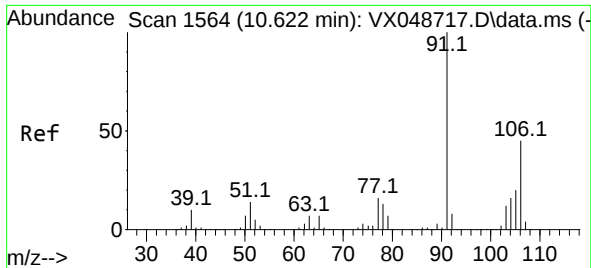


#68
m/p-Xylenes
Concen: 107.098 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25



Tgt Ion:106 Resp: 347373
Ion Ratio Lower Upper
106 100
91 206.2 164.2 246.4





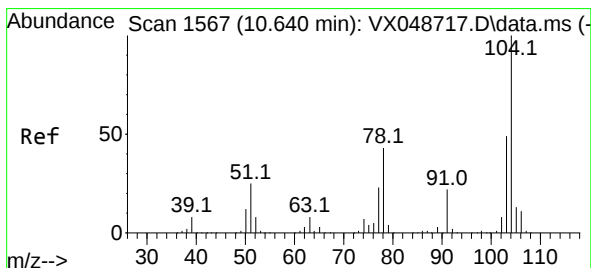
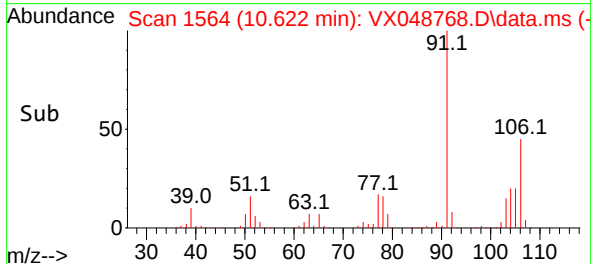
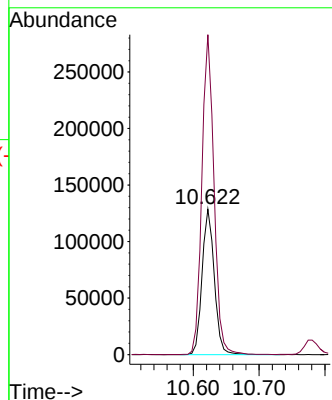
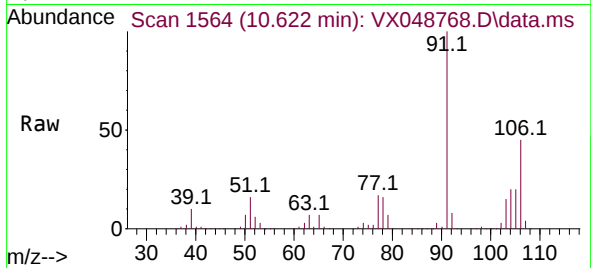
#69
o-Xylene
Concen: 54.618 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 166000
Ion Ratio Lower Upper
106 100
91 218.7 108.1 324.3

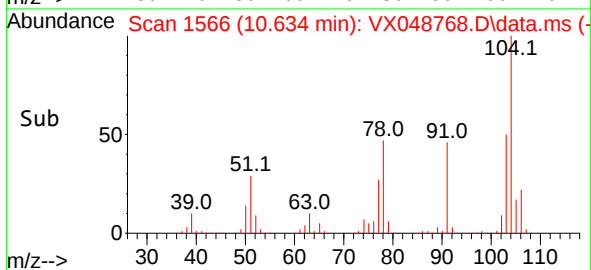
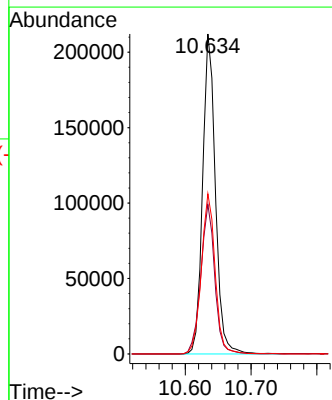
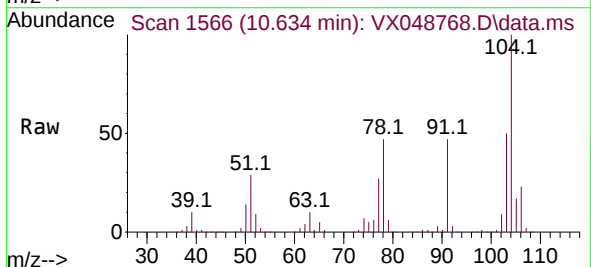
Manual Integrations
APPROVED

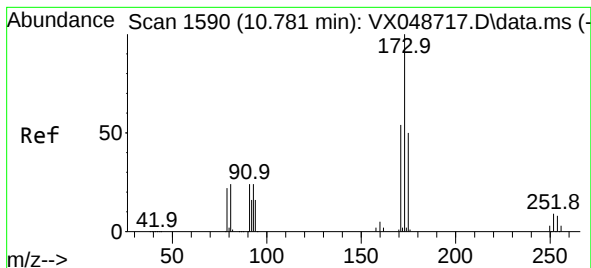
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#70
Styrene
Concen: 54.929 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion:104 Resp: 286600
Ion Ratio Lower Upper
104 100
78 50.9 40.6 60.8
103 54.1 43.4 65.2





#71

Bromoform

Concen: 51.727 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

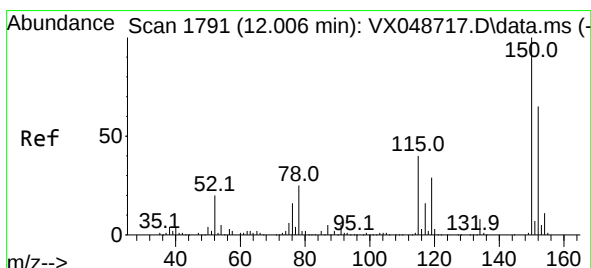
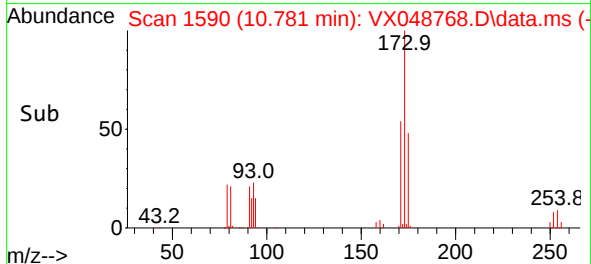
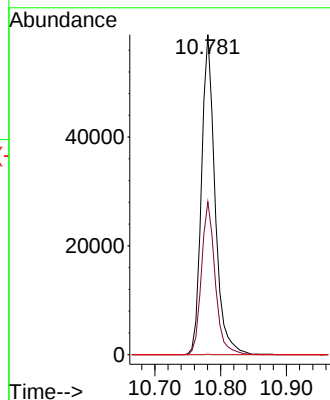
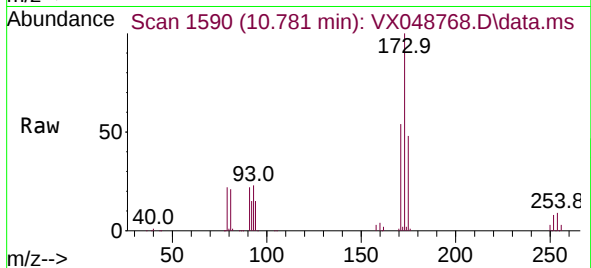
Tgt Ion:173 Resp: 84285
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.3 72.8
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

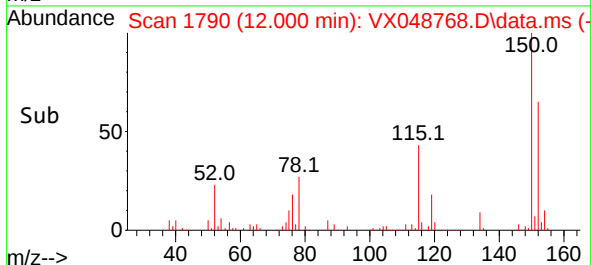
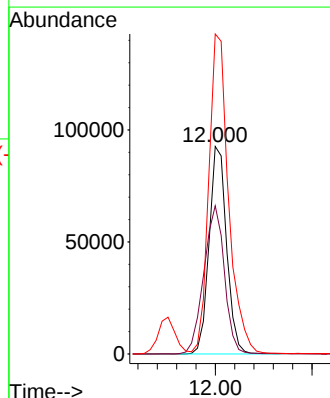
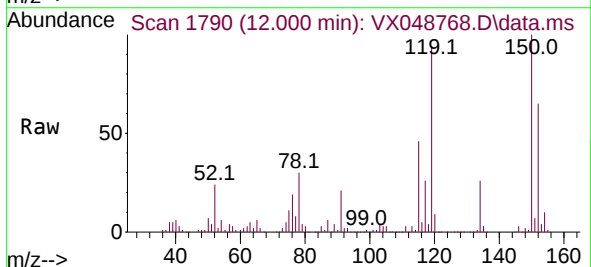
RT: 12.000 min Scan# 1790

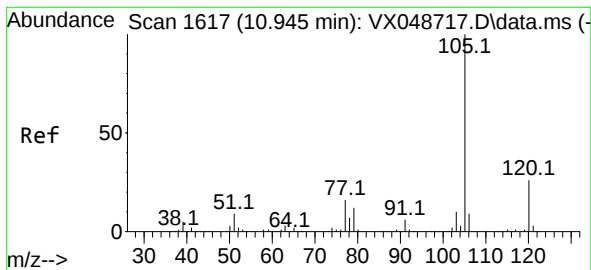
Delta R.T. -0.006 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

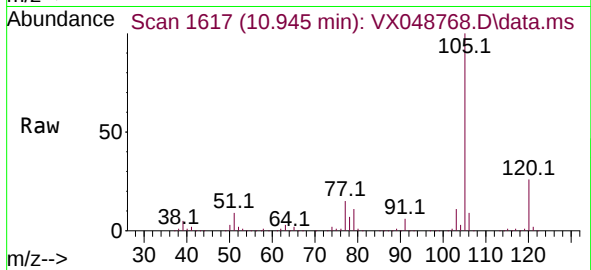
Tgt Ion:152 Resp: 116263
 Ion Ratio Lower Upper
 152 100
 115 83.8 42.1 126.4
 150 173.7 0.0 347.8





#73
Isopropylbenzene
Concen: 55.488 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

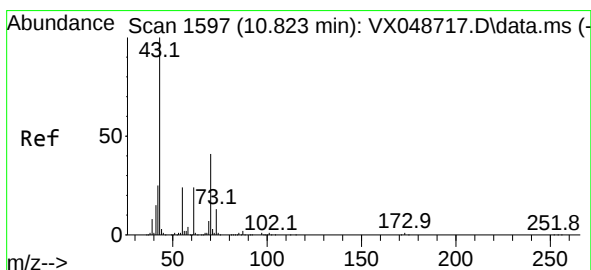
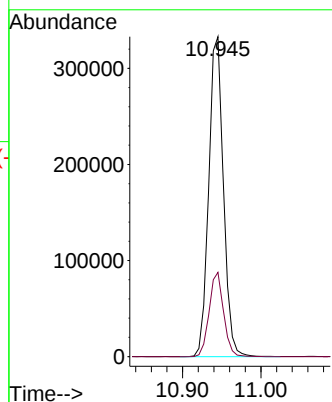
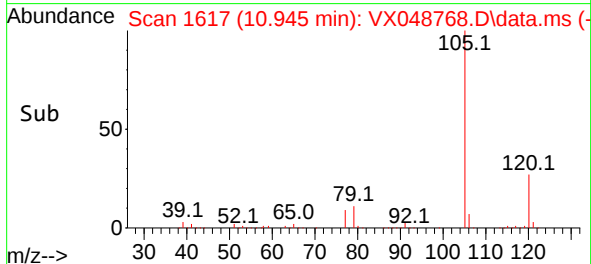
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 434732
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

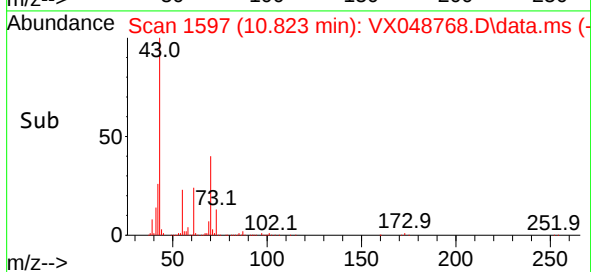
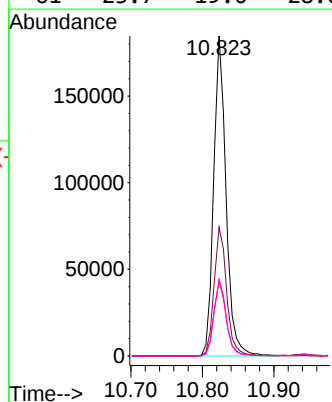
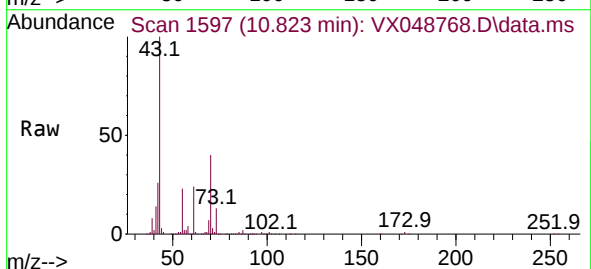
Manual Integrations
APPROVED

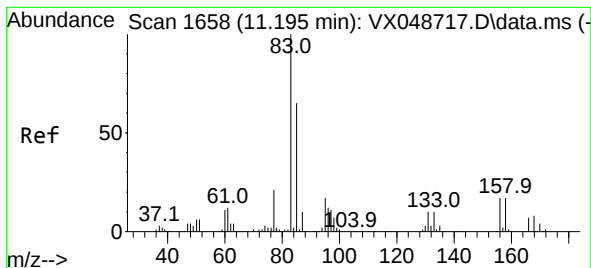
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#74
N-ethyl acetate
Concen: 65.304 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion: 43 Resp: 222309
Ion Ratio Lower Upper
43 100
70 41.1 33.9 50.9
55 23.6 19.1 28.7
61 23.7 19.0 28.6





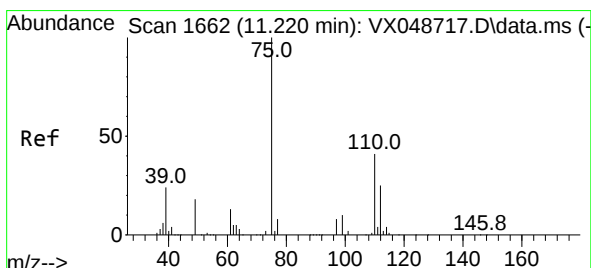
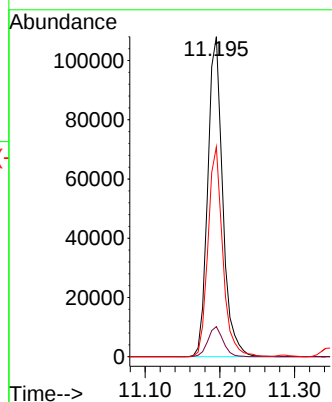
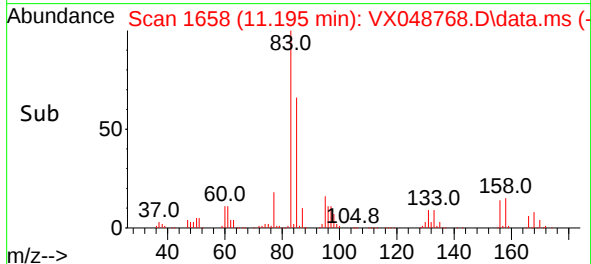
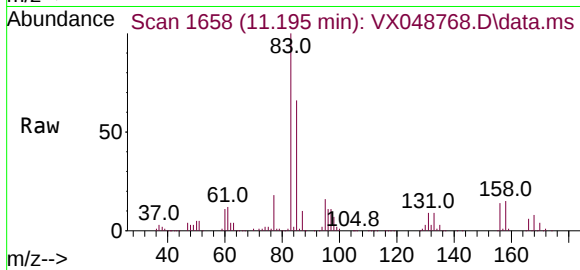
#75
1,1,2,2-Tetrachloroethane
Concen: 56.692 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 14987
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 64.5 31.9 95.7

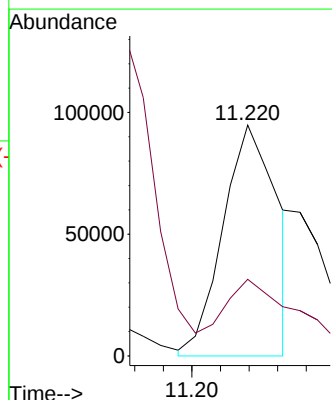
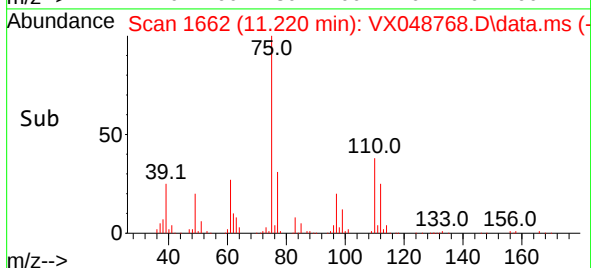
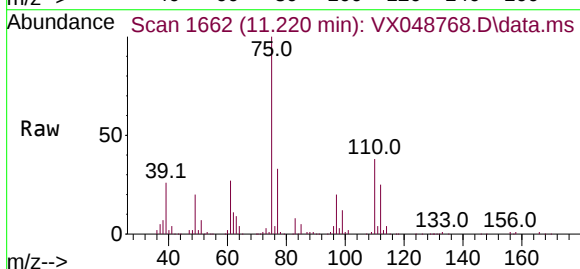
Manual Integrations
APPROVED

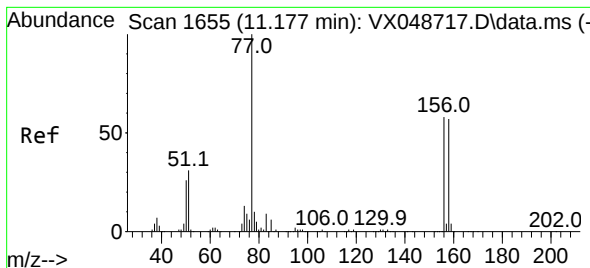
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#76
1,2,3-Trichloropropane
Concen: 57.638 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion: 75 Resp: 124812
Ion Ratio Lower Upper
75 100
77 46.4 24.3 73.0





#77

Bromobenzene

Concen: 51.942 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. 0.000 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 108618

Ion Ratio Lower Upper

156 100

77 162.0 80.3 240.9

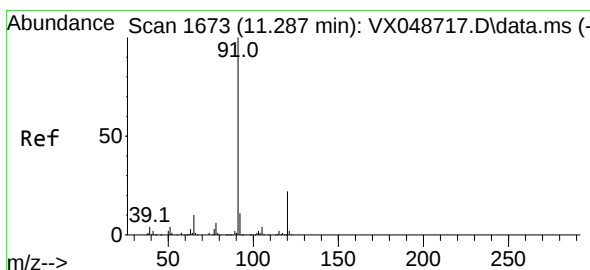
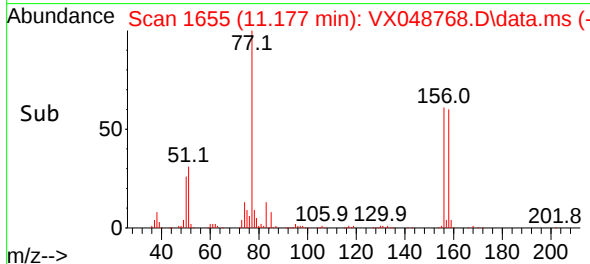
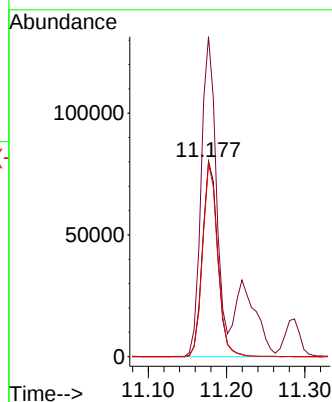
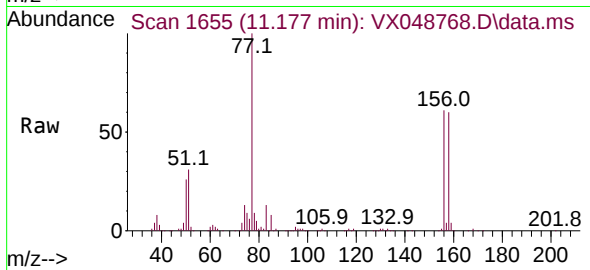
158 97.9 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#78

n-propylbenzene

Concen: 56.374 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048768.D

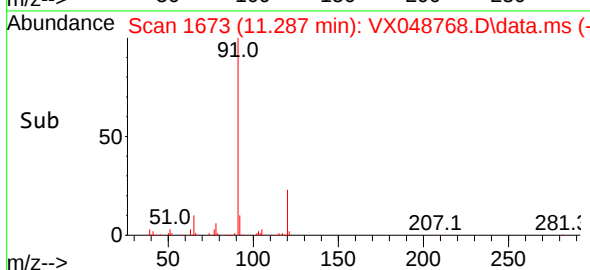
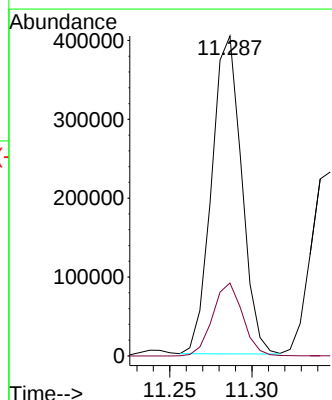
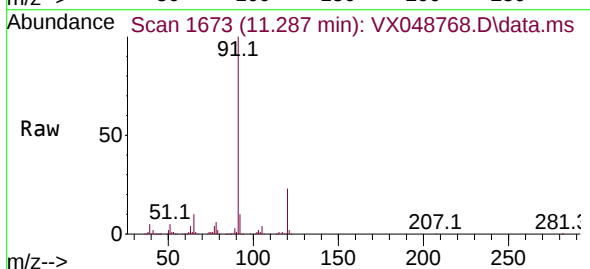
Acq: 09 Dec 2025 09:25

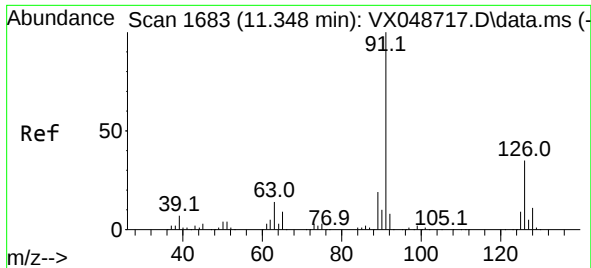
Tgt Ion: 91 Resp: 511543

Ion Ratio Lower Upper

91 100

120 23.0 11.4 34.2





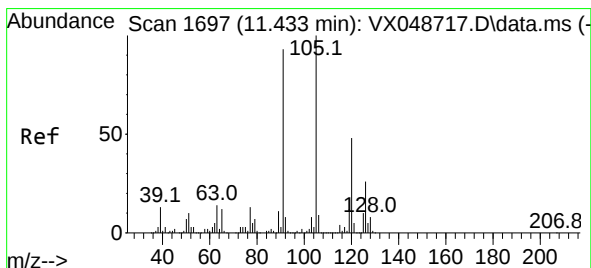
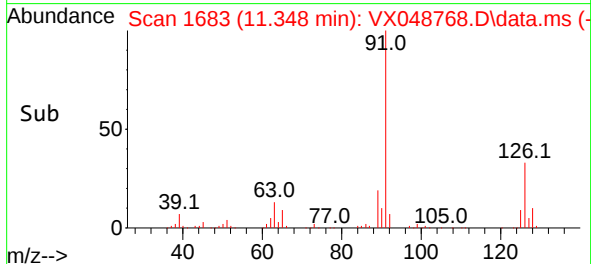
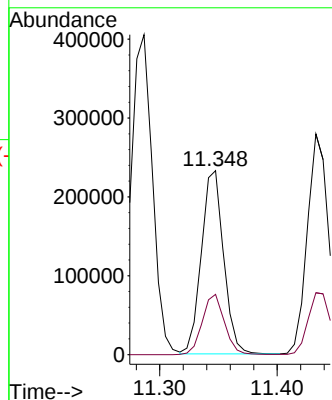
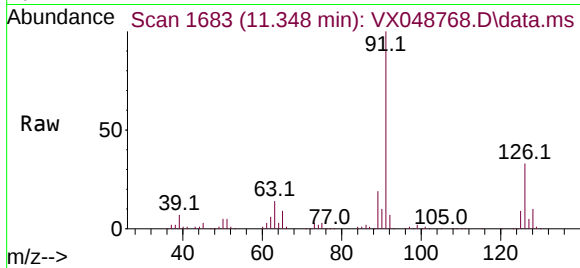
#79
2-Chlorotoluene
Concen: 55.317 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 306085
Ion Ratio Lower Upper
91 100
126 32.8 16.8 50.3

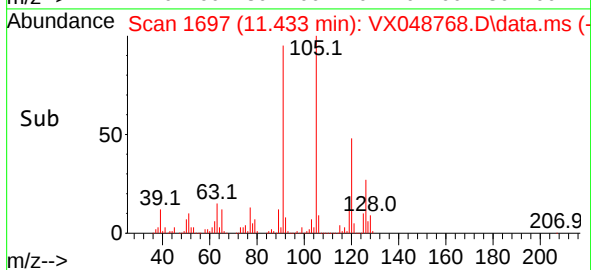
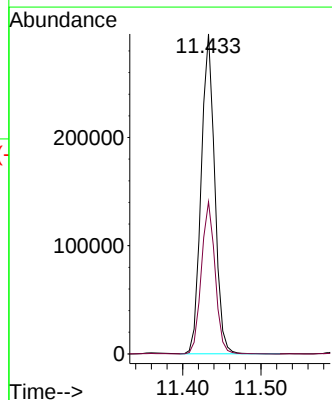
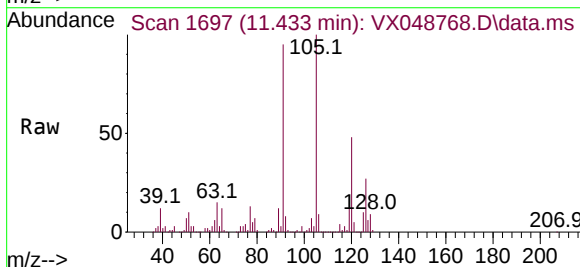
Manual Integrations
APPROVED

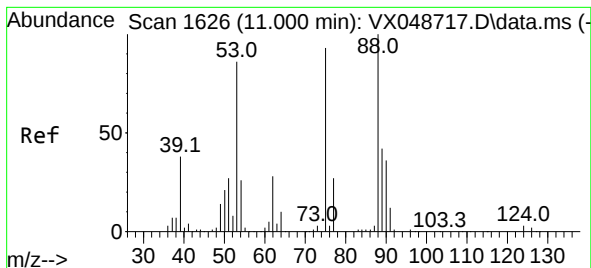
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.969 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion:105 Resp: 354003
Ion Ratio Lower Upper
105 100
120 48.2 24.4 73.2





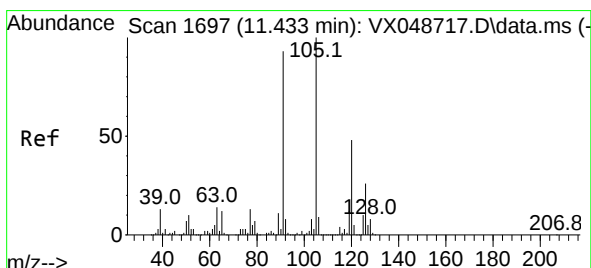
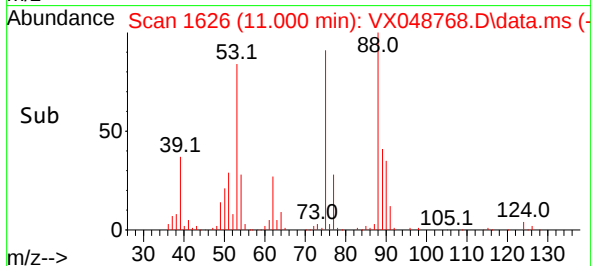
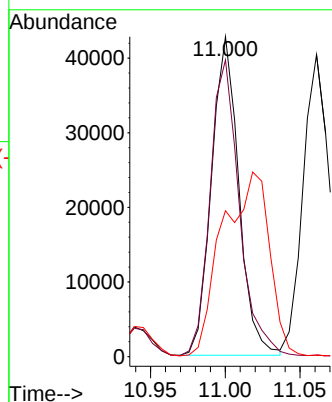
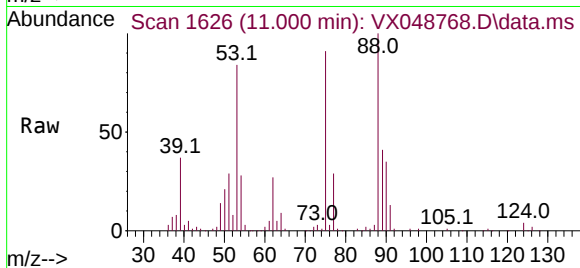
#81
trans-1,4-Dichloro-2-butene
Concen: 59.522 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5426
Ion Ratio Lower Upper
75 100
53 101.2 79.9 119.9
89 100.3 67.1 100.7

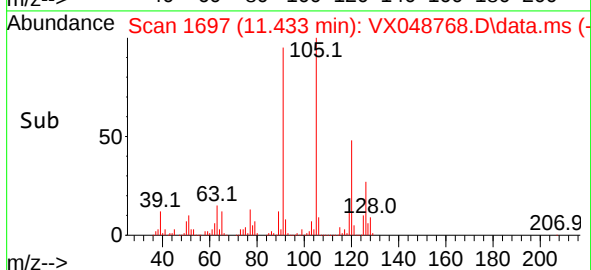
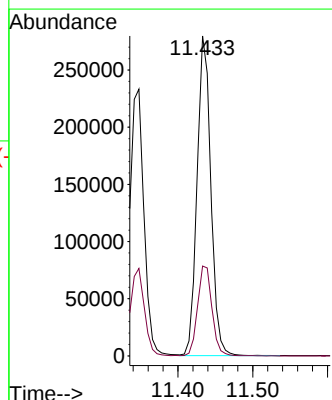
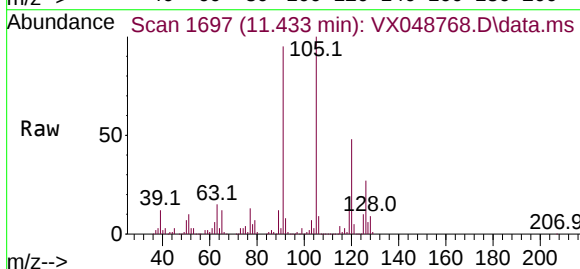
Manual Integrations
APPROVED

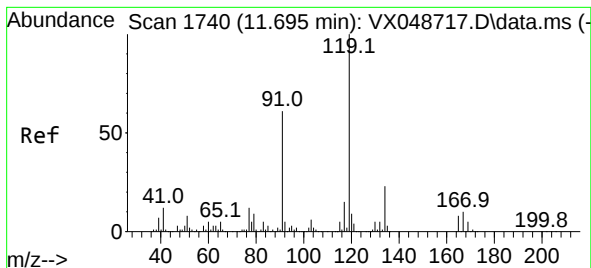
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#82
4-Chlorotoluene
Concen: 55.326 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion: 91 Resp: 357246
Ion Ratio Lower Upper
91 100
126 29.4 14.7 44.1





#83

tert-Butylbenzene

Concen: 53.041 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

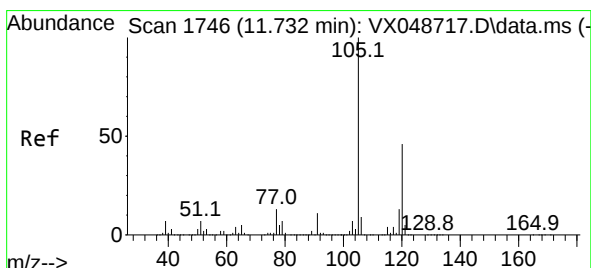
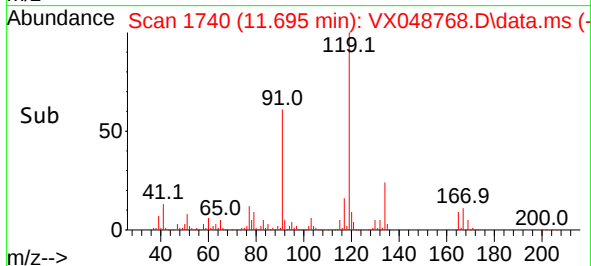
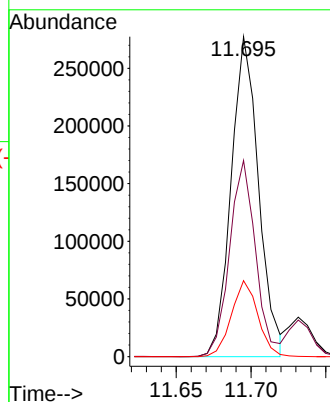
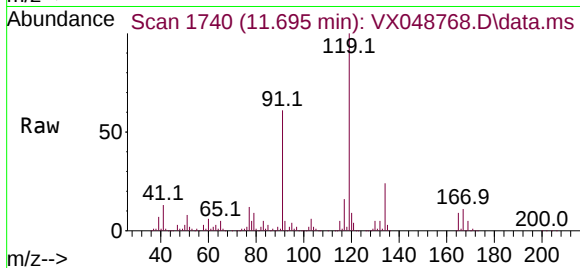
Tgt Ion:	119	Resp:	354930
Ion	Ratio	Lower	Upper
119	100		
91	58.3	28.4	85.2
134	22.9	11.2	33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/10/2025



#84

1,2,4-Trimethylbenzene

Concen: 55.411 ug/l

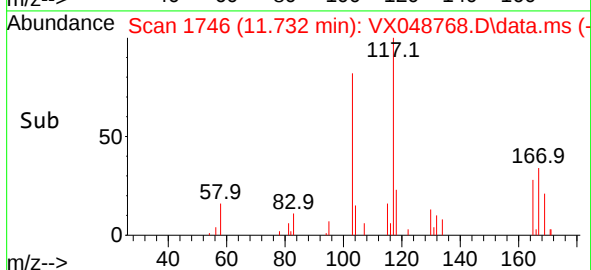
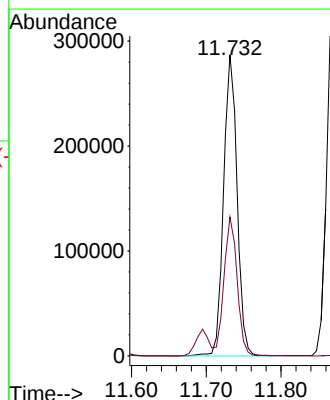
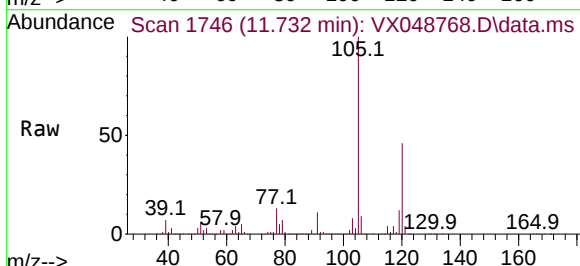
RT: 11.732 min Scan# 1746

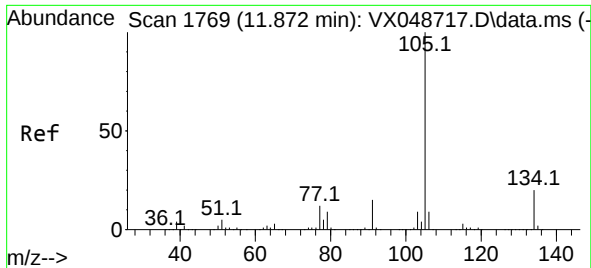
Delta R.T. 0.000 min

Lab File: VX048768.D

Acq: 09 Dec 2025 09:25

Tgt Ion:	105	Resp:	359963
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.8





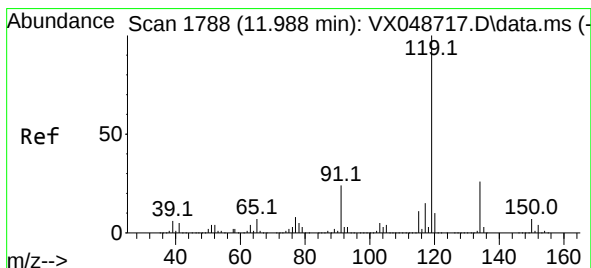
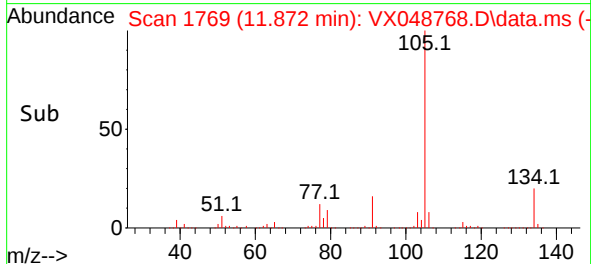
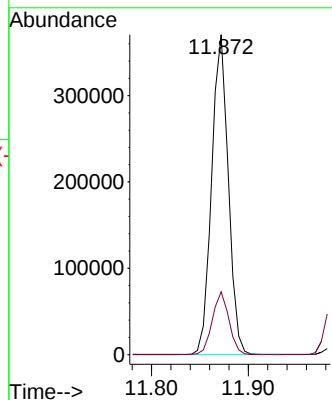
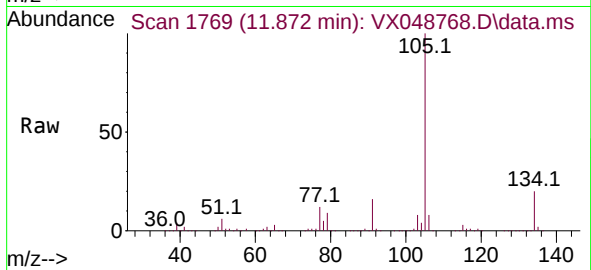
#85
 sec-Butylbenzene
 Concen: 54.564 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 442496
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5

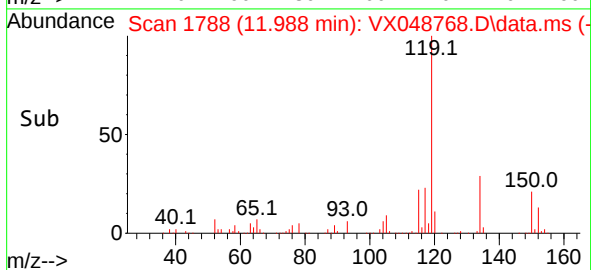
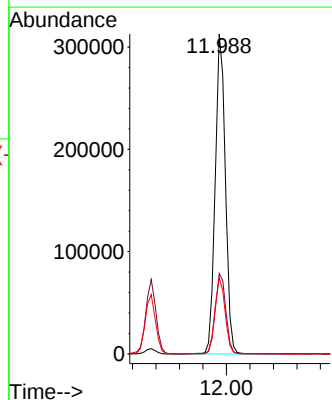
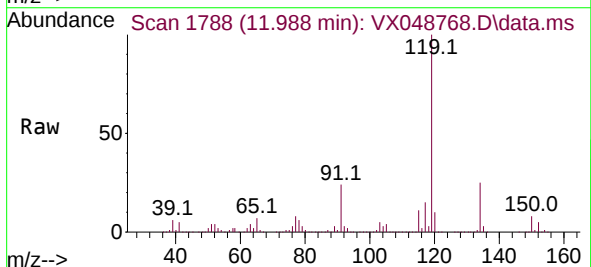
Manual Integrations
 APPROVED

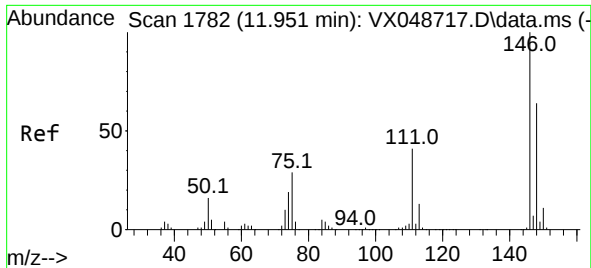
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025



#86
 p-Isopropyltoluene
 Concen: 54.402 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25

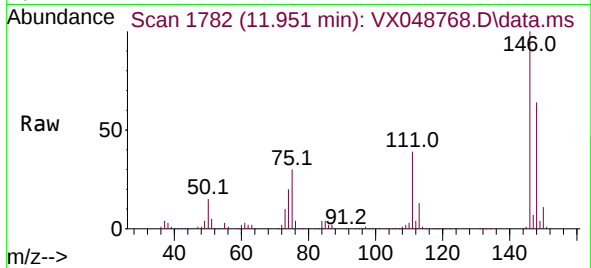
Tgt Ion:119 Resp: 377118
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.1 11.8 35.4





#87
1,3-Dichlorobenzene
Concen: 51.991 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

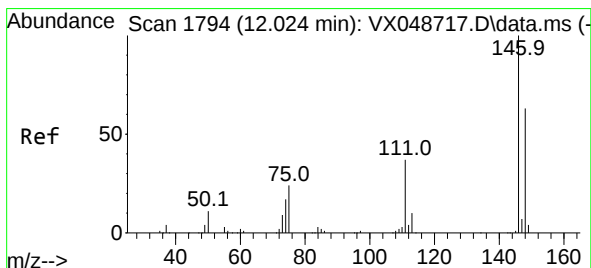
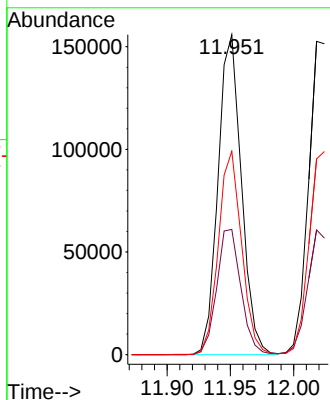
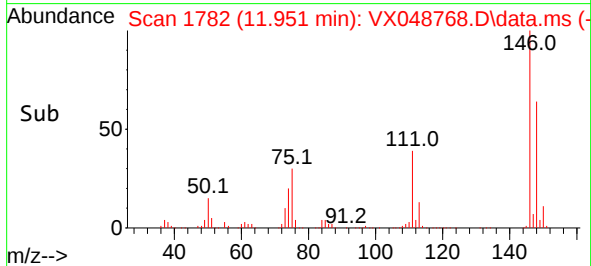
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



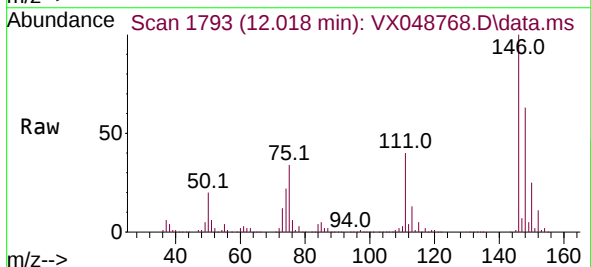
Tgt Ion:146 Resp: 200425
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.8
148 63.2 32.1 96.5

Manual Integrations
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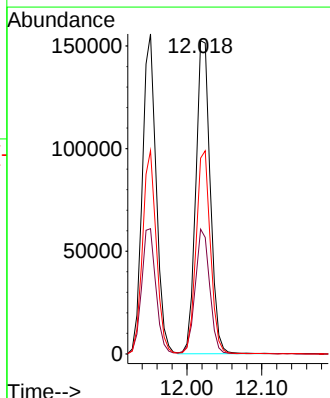
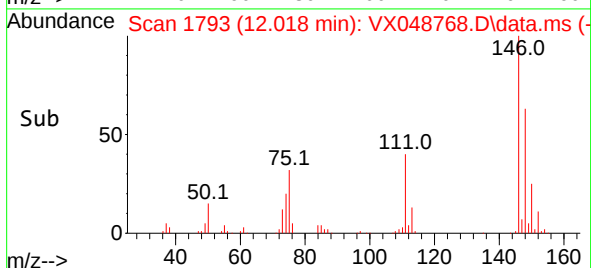
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

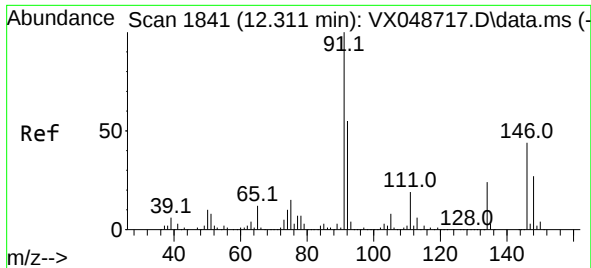


#88
1,4-Dichlorobenzene
Concen: 51.402 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25



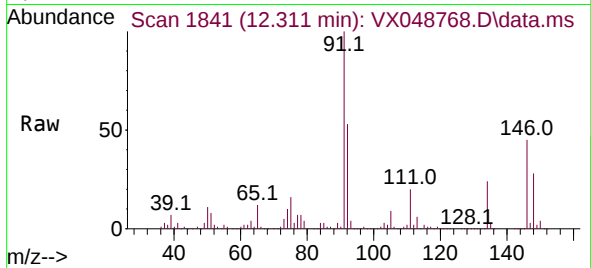
Tgt Ion:146 Resp: 204771
Ion Ratio Lower Upper
146 100
111 39.4 19.6 58.7
148 64.0 31.6 94.7





#89
n-Butylbenzene
Concen: 54.807 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

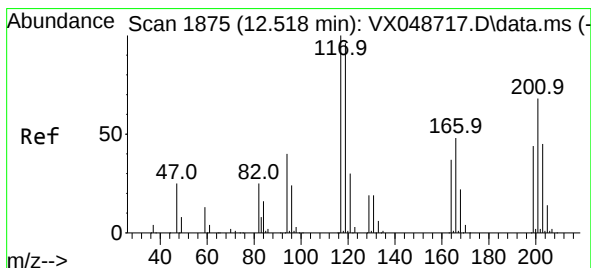
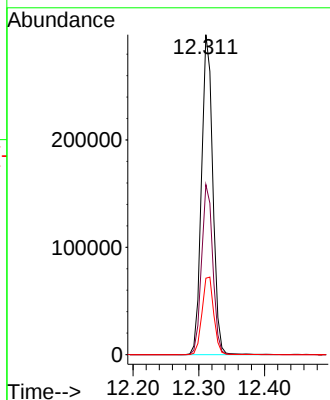
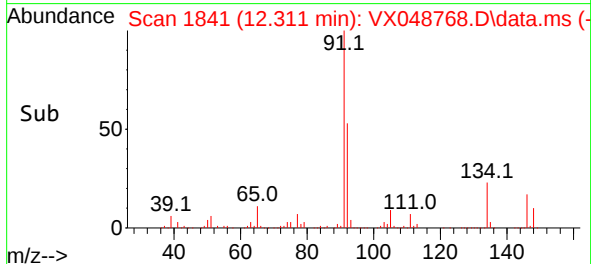
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 355716
Ion Ratio Lower Upper
91 100
92 52.9 27.1 81.3
134 25.2 12.9 38.6

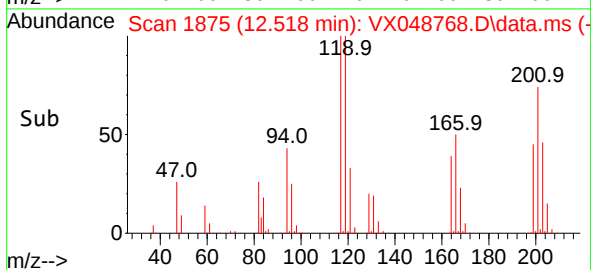
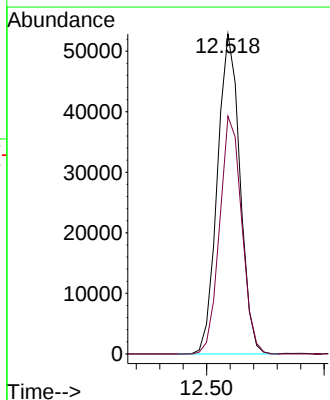
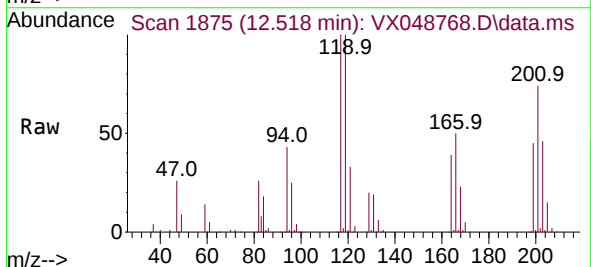
Manual Integrations
APPROVED

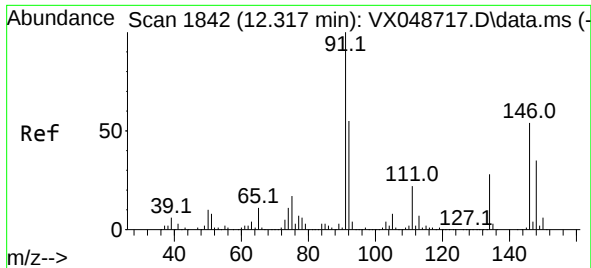
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#90
Hexachloroethane
Concen: 49.783 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

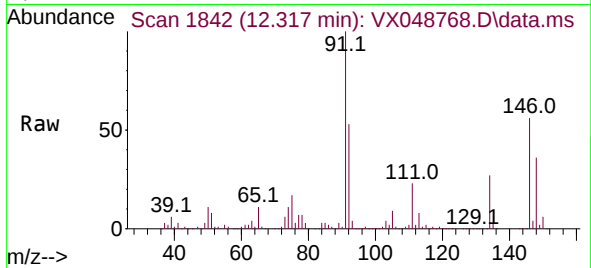
Tgt Ion:117 Resp: 70433
Ion Ratio Lower Upper
117 100
201 72.7 36.4 109.1





#91
1,2-Dichlorobenzene
Concen: 50.984 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

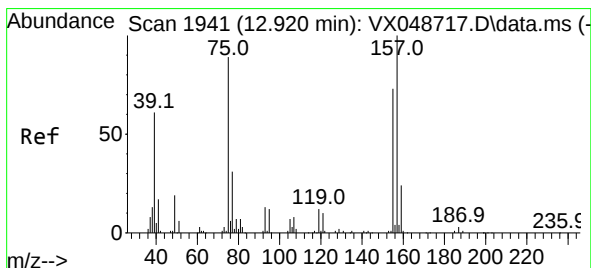
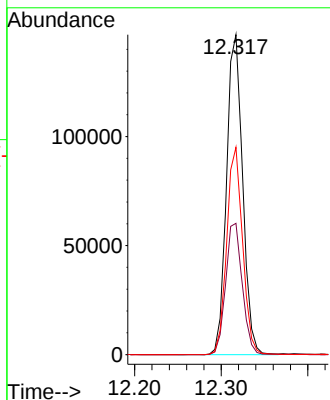
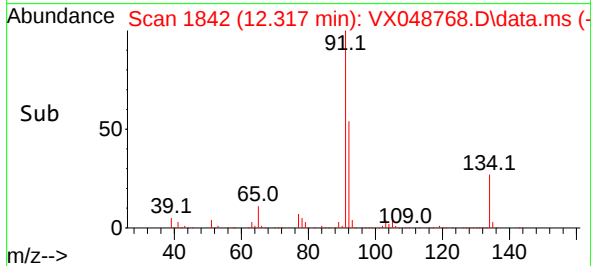
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



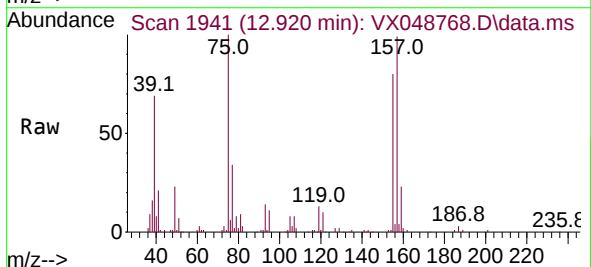
Tgt Ion:146 Resp: 190549
Ion Ratio Lower Upper
146 100
111 42.4 20.8 62.5
148 64.0 32.0 96.0

Manual Integrations
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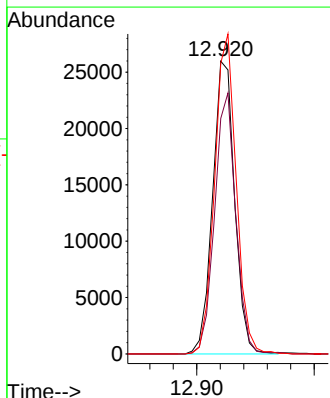
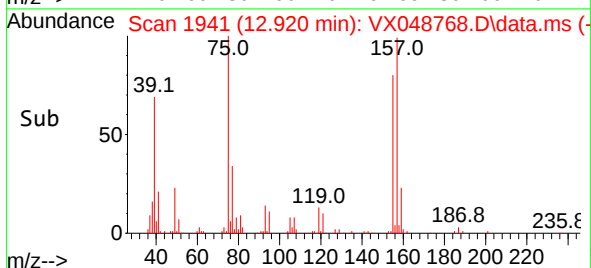
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

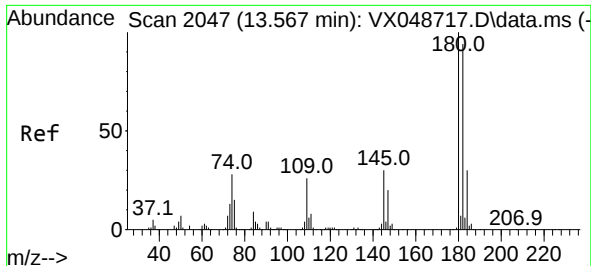


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.501 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25



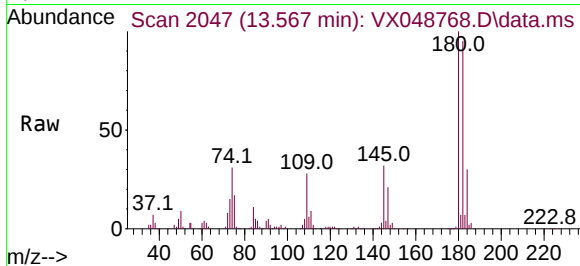
Tgt Ion: 75 Resp: 33778
Ion Ratio Lower Upper
75 100
155 85.9 43.0 129.2
157 107.1 56.0 168.2





#93
 1,2,4-Trichlorobenzene
 Concen: 49.636 ug/l
 RT: 13.567 min Scan# 2047
 Delta R.T. 0.000 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25

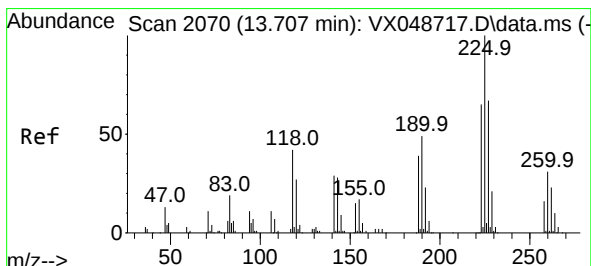
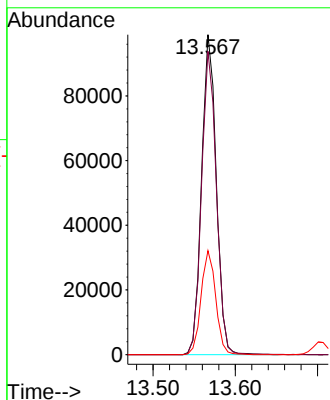
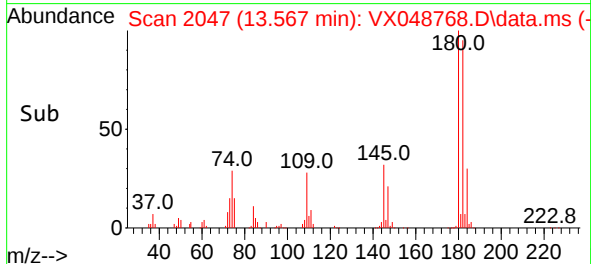
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



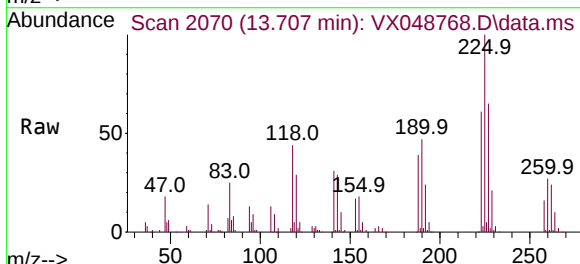
Tgt Ion:180 Resp: 122522
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.9 140.8
 145 32.4 15.1 45.3

Manual Integrations
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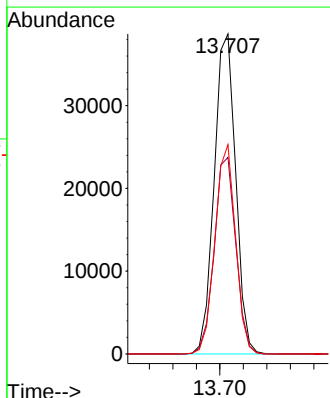
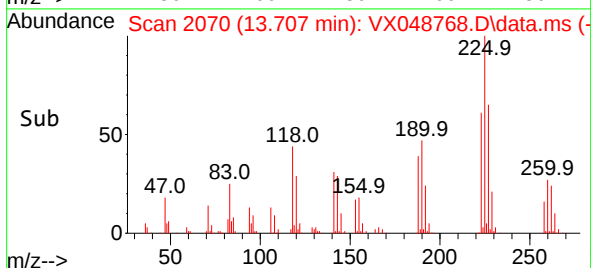
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025

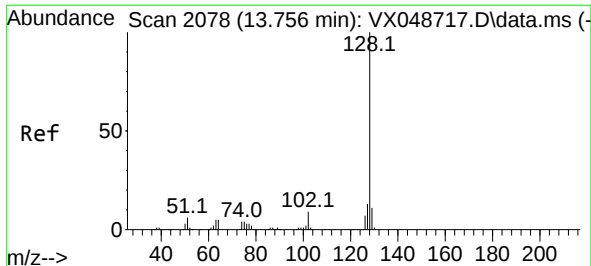


#94
 Hexachlorobutadiene
 Concen: 48.026 ug/l
 RT: 13.707 min Scan# 2070
 Delta R.T. 0.000 min
 Lab File: VX048768.D
 Acq: 09 Dec 2025 09:25



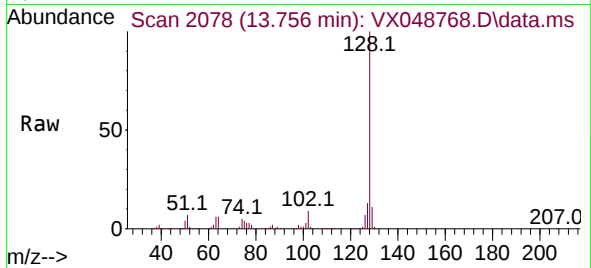
Tgt Ion:225 Resp: 49036
 Ion Ratio Lower Upper
 225 100
 223 61.8 33.0 98.9
 227 62.8 32.9 98.7





#95
Naphthalene
Concen: 57.252 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

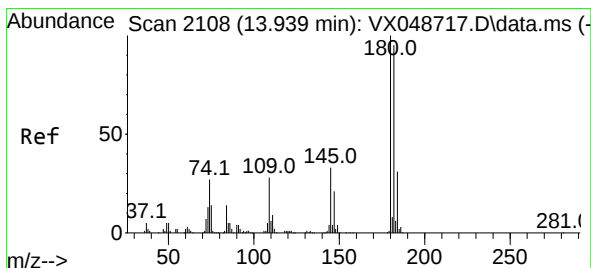
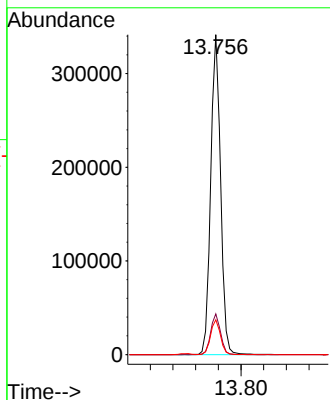
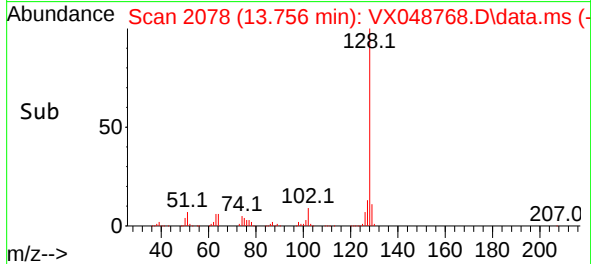
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 411042
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.588 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048768.D
Acq: 09 Dec 2025 09:25

Tgt Ion:180 Resp: 115160
Ion Ratio Lower Upper
180 100
182 94.6 48.0 144.2
145 33.0 16.6 49.8

