

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048731.D
 Acq On : 05 Dec 2025 13:32
 Operator : JC/MD
 Sample : Q3757-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14A-17.5-120325

Quant Time: Dec 05 22:03:35 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

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

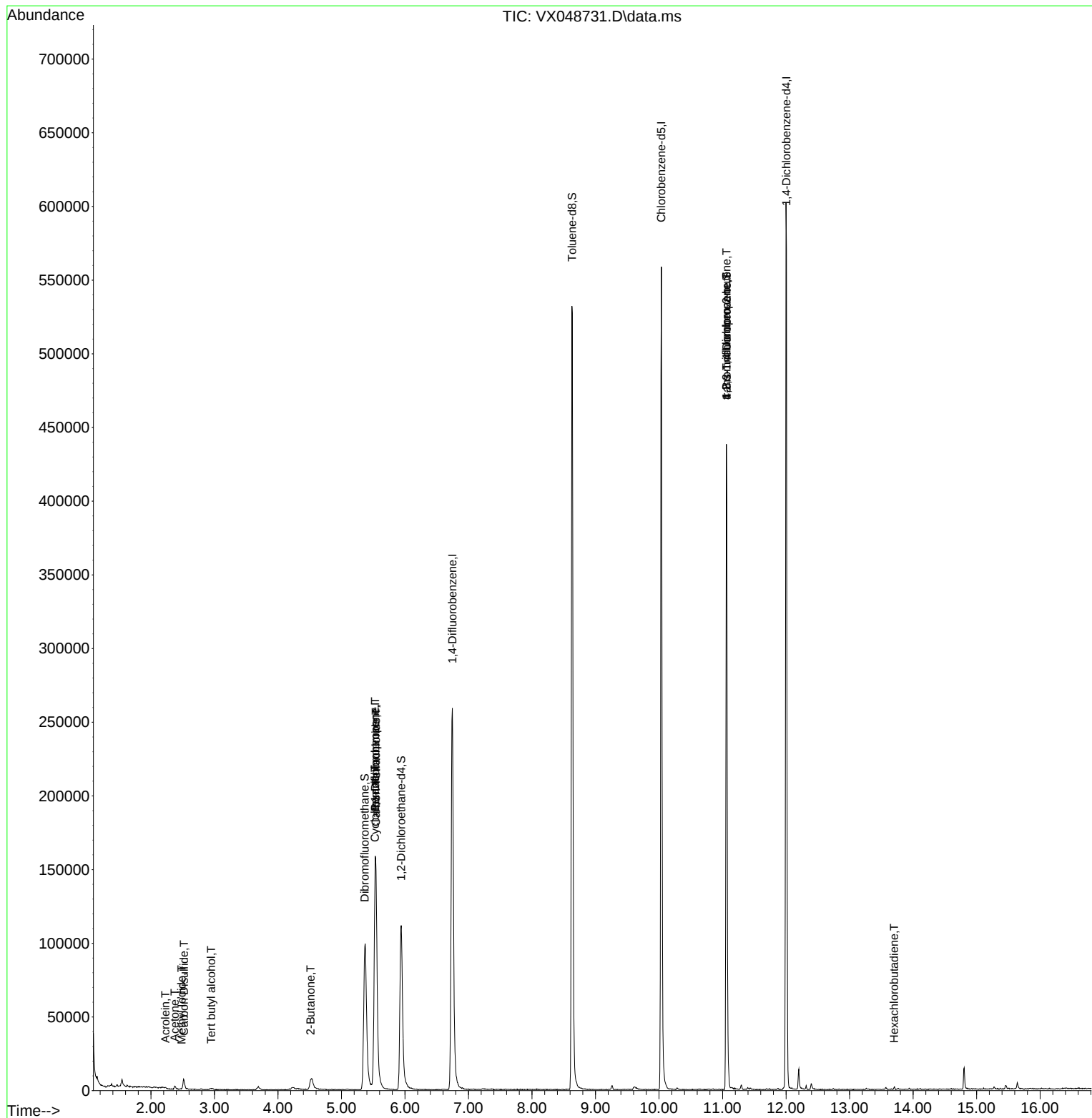
Internal Standards						
1) Pentafluorobenzene	5.531	168	176619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	302604	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	274042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	124177	52.383	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.760%			
35) Dibromofluoromethane	5.367	113	103142	49.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.000%			
50) Toluene-d8	8.628	98	355343	48.654	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.300%			
62) 4-Bromofluorobenzene	11.061	95	125871	49.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.960%			
Target Compounds						Qvalue
10) Methyl Iodide	2.483	142	721	0.252	ug/l #	83
11) Tert butyl alcohol	2.946	59	342	0.894	ug/l #	73
13) Acrolein	2.227	56	26	40.236	ug/l #	1
16) Acetone	2.373	43	3056	3.368	ug/l	95
17) Carbon Disulfide	2.520	76	1971	0.331	ug/l	97
25) 2-Butanone	4.513	43	719	0.537	ug/l #	46
31) Cyclohexane	5.525	56	2679	0.836	ug/l #	17
36) 1,1-Dichloropropene	5.531	75	12602	4.416	ug/l #	49
38) Carbon Tetrachloride	5.543	117	17863	5.526	ug/l #	14
76) 1,2,3-Trichloropropane	11.061	75	63991	24.302	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	63991	57.728	ug/l #	3
94) Hexachlorobutadiene	13.701	225	345	0.278	ug/l	94
95) Naphthalene	13.761	128	552	Below Cal	#	69

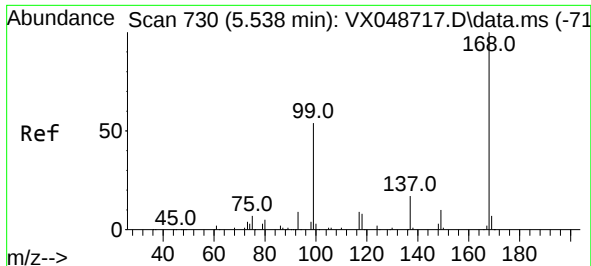
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 05 22:03:35 2025
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Quant Title : SW846 8260
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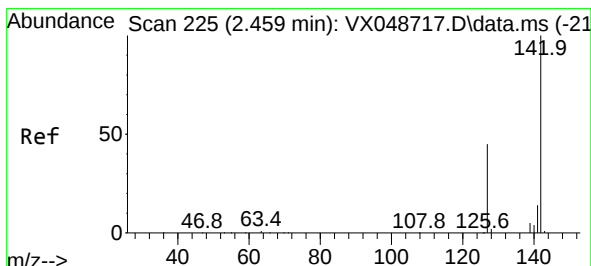
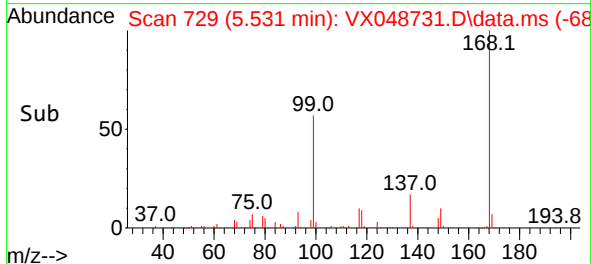
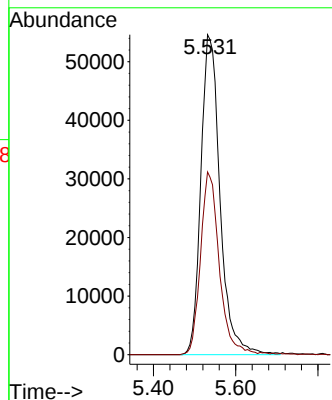
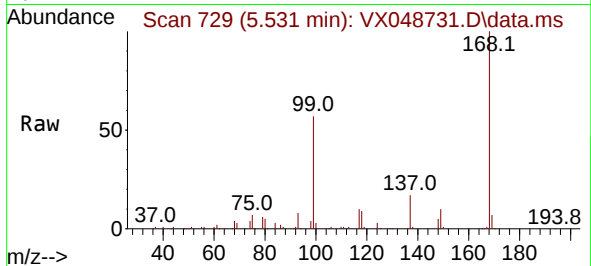




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

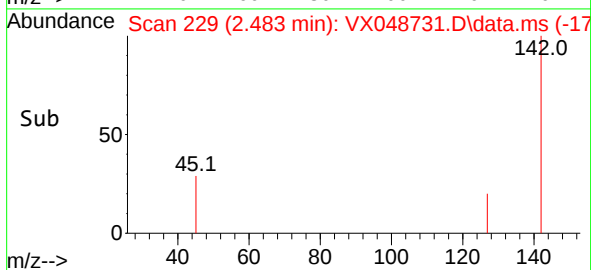
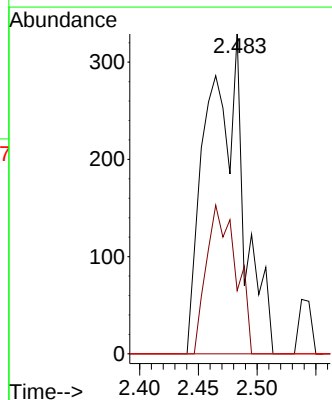
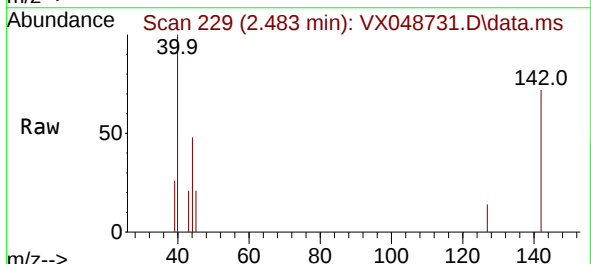
Instrument :
MSVOA_X
ClientSampleId :
MW-14A-17.5-120325

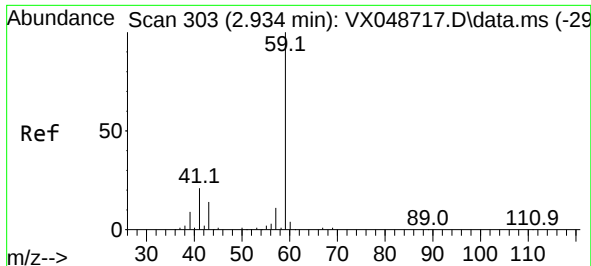
Tgt Ion:168 Resp: 176619
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#10
Methyl Iodide
Concen: 0.252 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.024 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

Tgt Ion:142 Resp: 721
Ion Ratio Lower Upper
142 100
127 37.2 35.8 53.6
141 0.0 11.1 16.7#

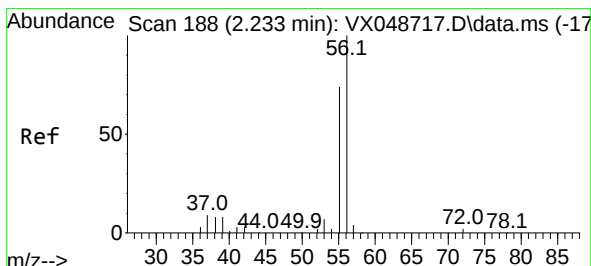
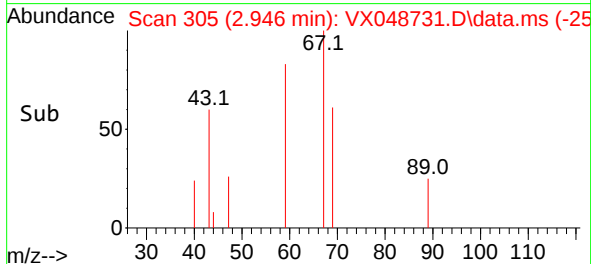
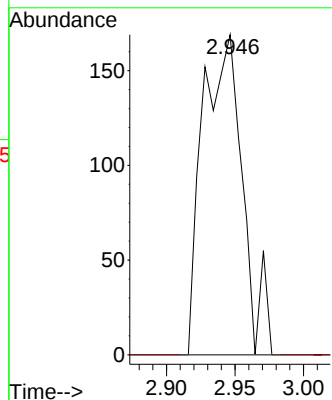
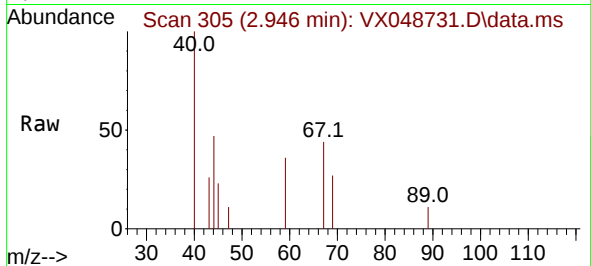




#11
Tert butyl alcohol
Concen: 0.894 ug/l
RT: 2.946 min Scan# 303
Delta R.T. 0.012 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

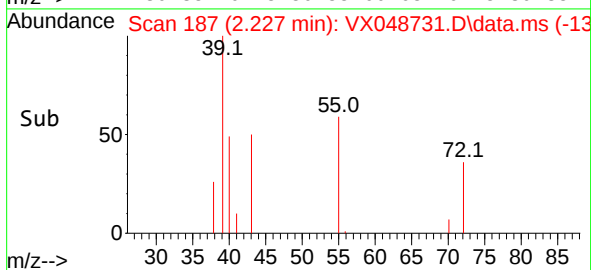
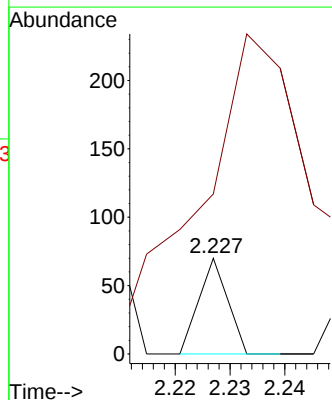
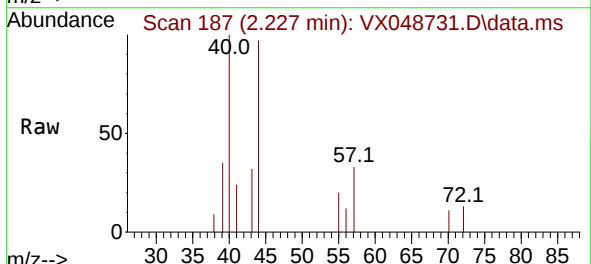
Instrument :
MSVOA_X
ClientSampleId :
MW-14A-17.5-120325

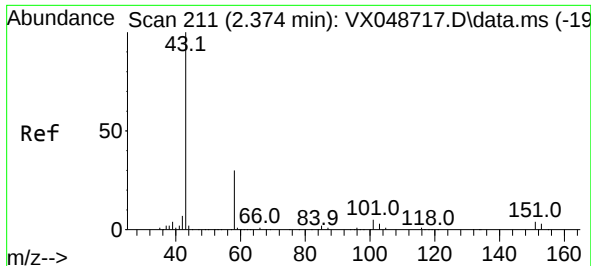
Tgt Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 40.236 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 1538.5 55.8 83.6#

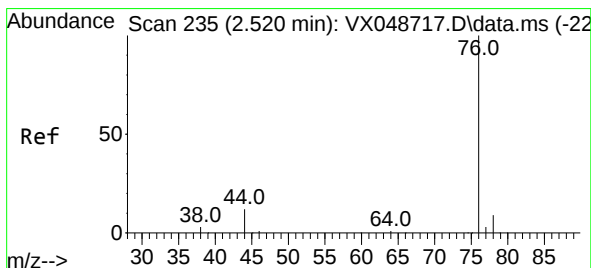
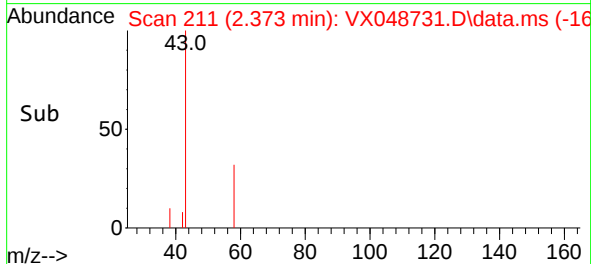
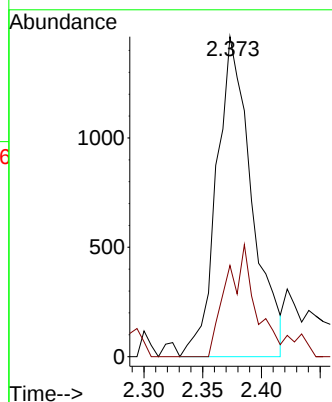
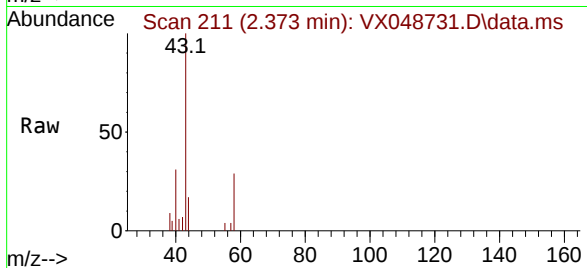




#16
Acetone
Concen: 3.368 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

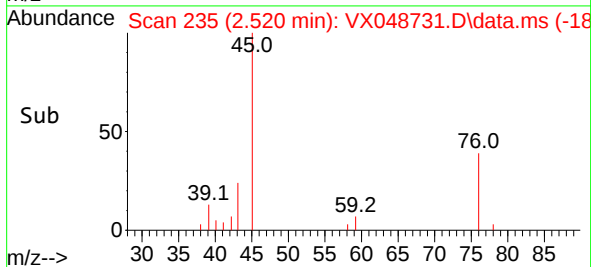
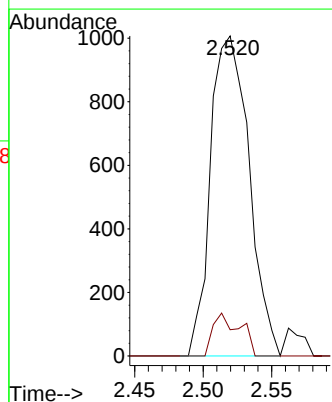
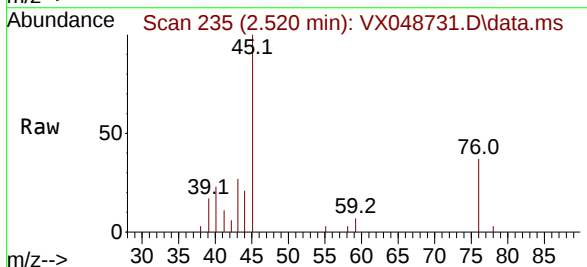
Instrument :
MSVOA_X
ClientSampleId :
MW-14A-17.5-120325

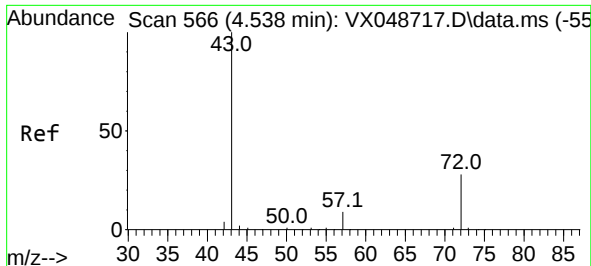
Tgt Ion: 43 Resp: 3056
Ion Ratio Lower Upper
43 100
58 28.5 25.0 37.4



#17
Carbon Disulfide
Concen: 0.331 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

Tgt Ion: 76 Resp: 1971
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

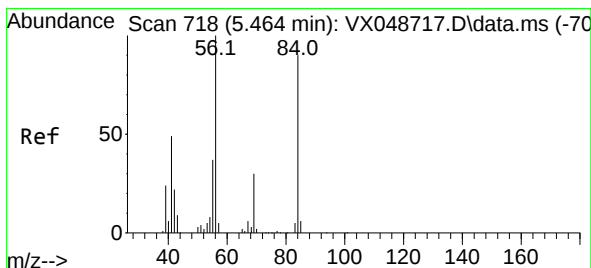
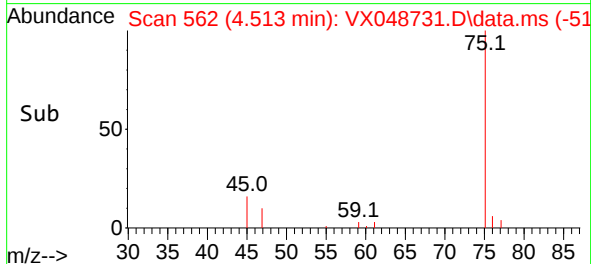
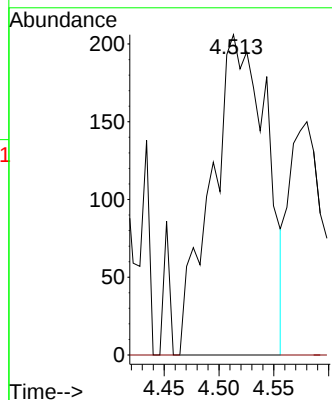
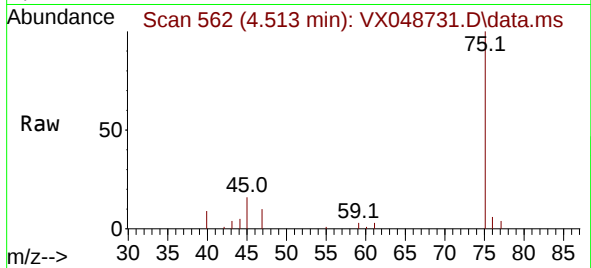




#25
2-Butanone
Concen: 0.537 ug/l
RT: 4.513 min Scan# 51
Delta R.T. -0.025 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

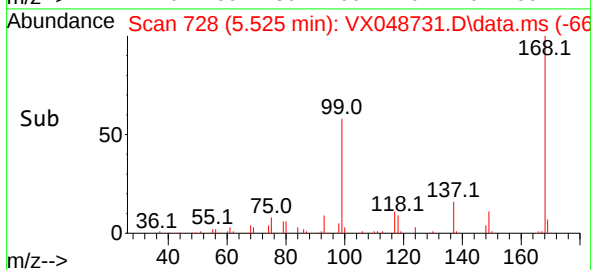
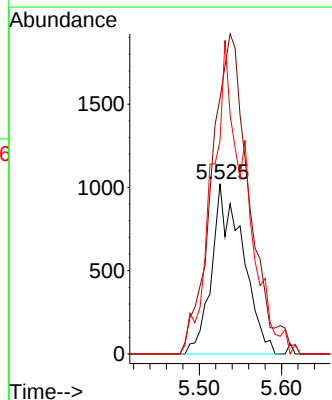
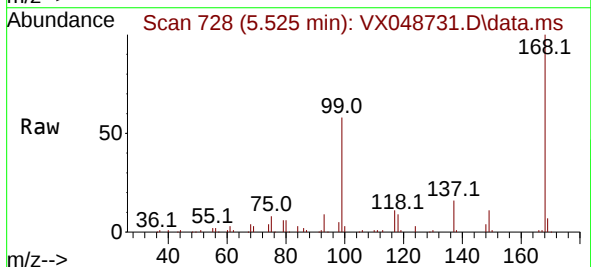
Instrument :
MSVOA_X
ClientSampleId :
MW-14A-17.5-120325

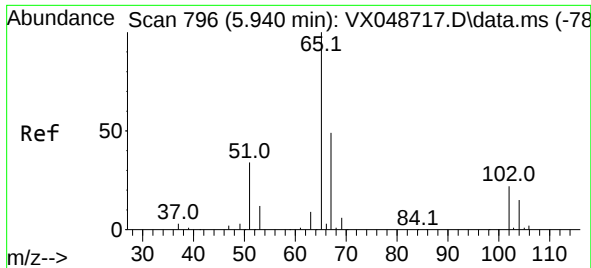
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#31
Cyclohexane
Concen: 0.836 ug/l
RT: 5.525 min Scan# 728
Delta R.T. 0.061 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

Tgt Ion: 56 Resp: 2679
Ion Ratio Lower Upper
56 100
69 150.3 24.2 36.2#
84 125.3 72.1 108.1#

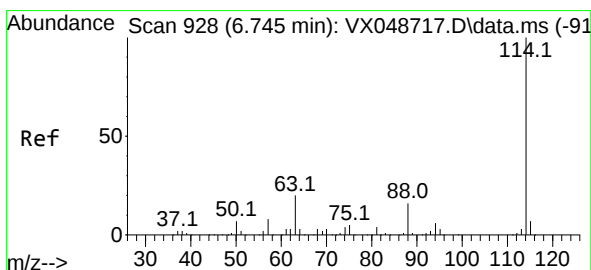
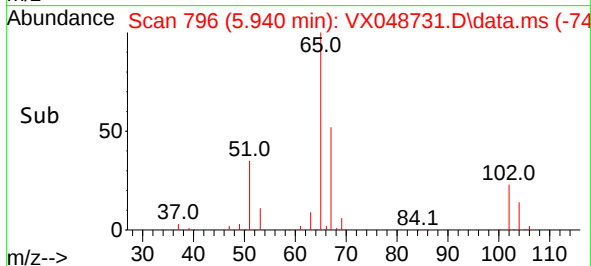
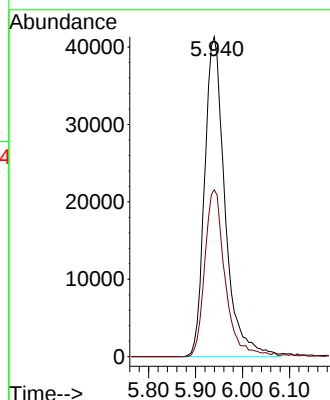
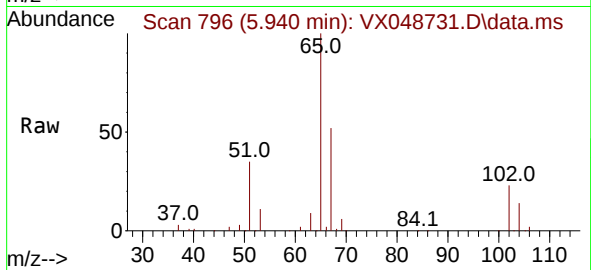




#33
 1,2-Dichloroethane-d4
 Concen: 52.383 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048731.D
 Acq: 05 Dec 2025 13:32

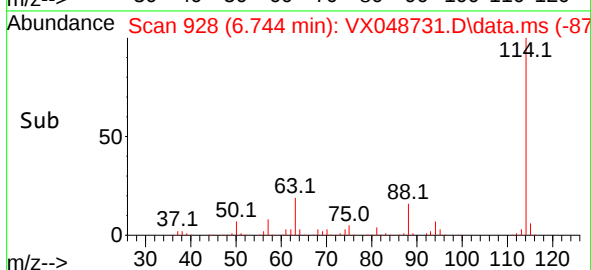
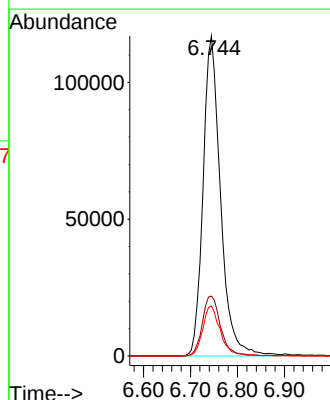
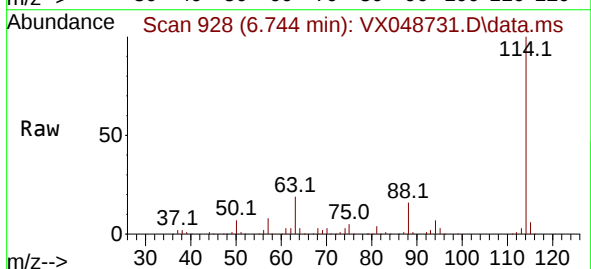
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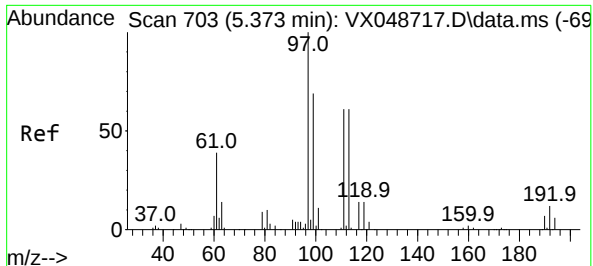
Tgt Ion: 65 Resp: 124177
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.744 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048731.D
 Acq: 05 Dec 2025 13:32

Tgt Ion: 114 Resp: 302604
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 15.7 0.0 31.8

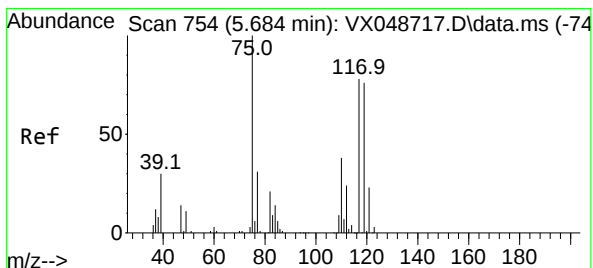
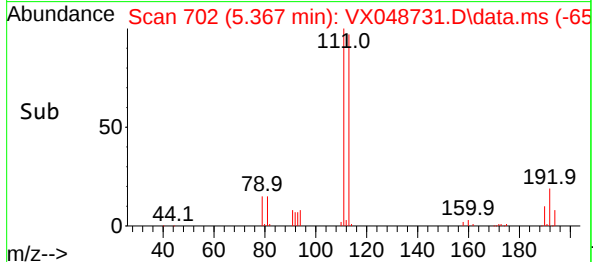
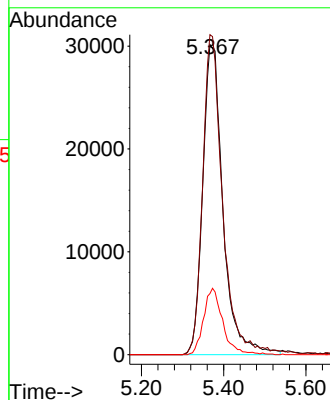
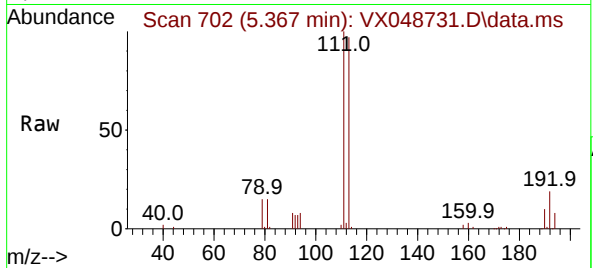




#35
Dibromofluoromethane
Concen: 49.503 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

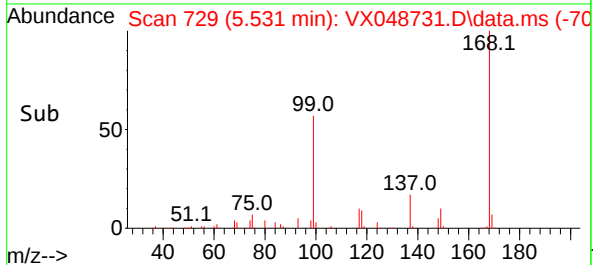
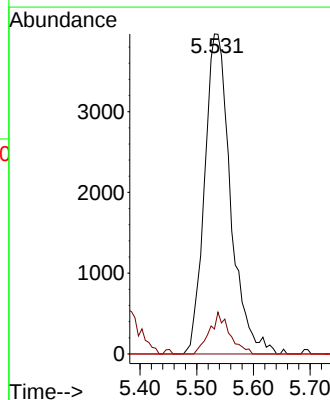
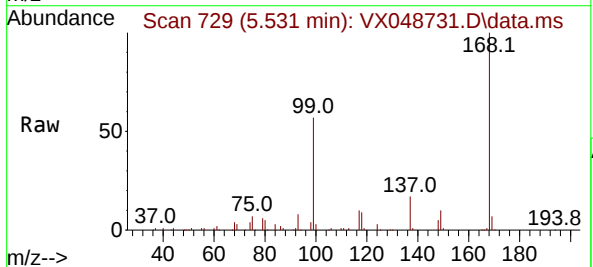
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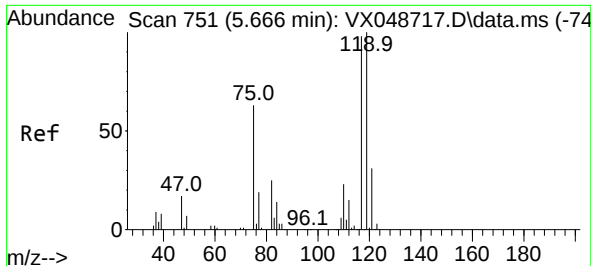
Tgt Ion:113 Resp: 103142
Ion Ratio Lower Upper
113 100
111 102.1 79.5 119.3
192 20.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.416 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.153 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

Tgt Ion: 75 Resp: 12602
Ion Ratio Lower Upper
75 100
110 10.1 18.6 55.8#
77 0.0 25.3 37.9#

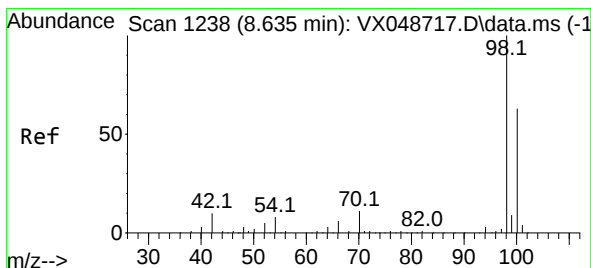
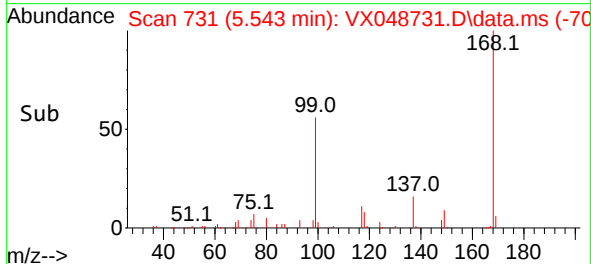
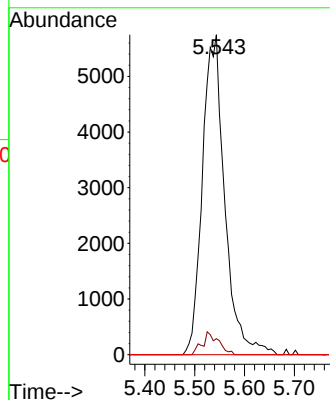
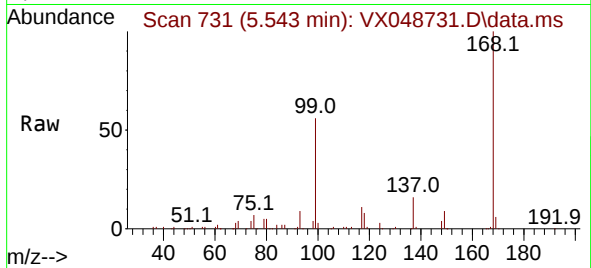




#38
Carbon Tetrachloride
Concen: 5.526 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

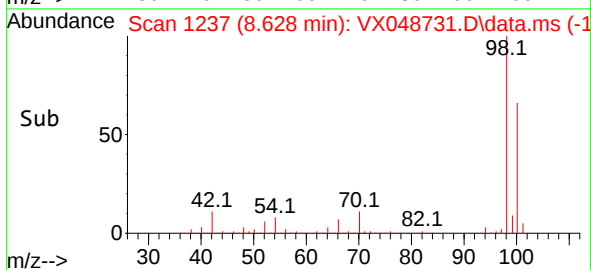
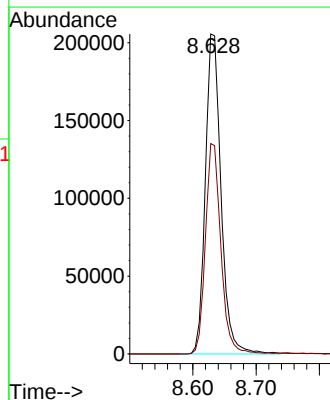
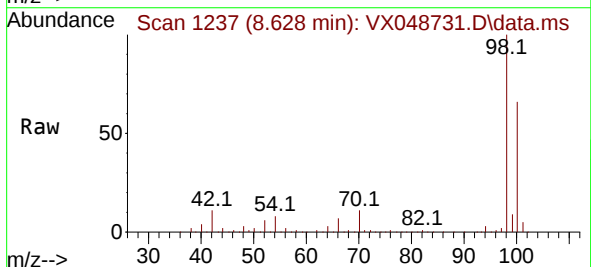
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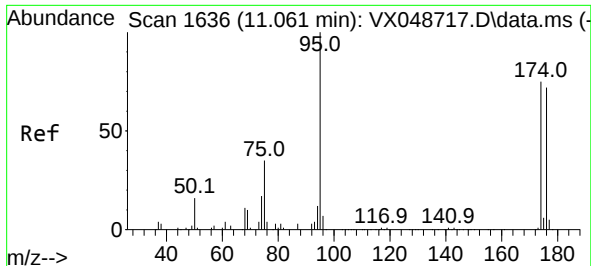
Tgt Ion:117 Resp: 17863
Ion Ratio Lower Upper
117 100
119 5.0 80.5 120.7#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 48.654 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

Tgt Ion: 98 Resp: 355343
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0

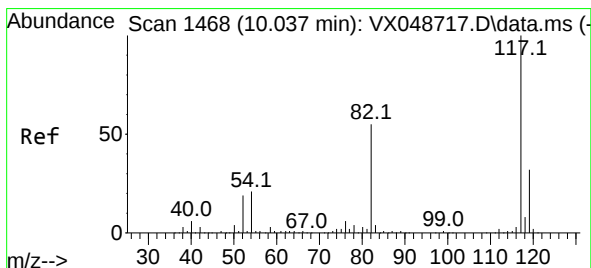
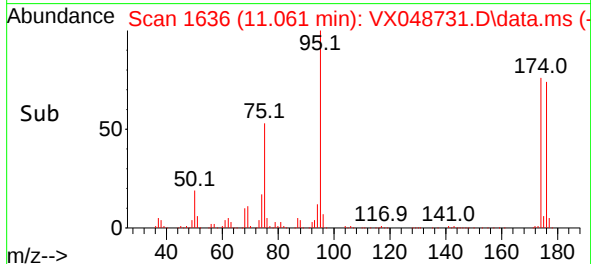
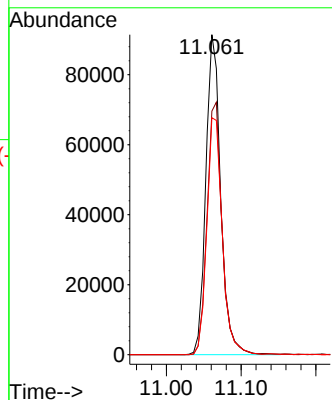
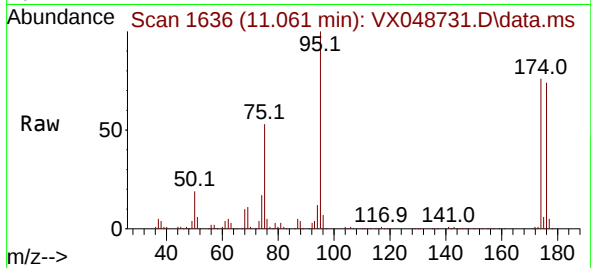




#62
4-Bromofluorobenzene
Concen: 49.979 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

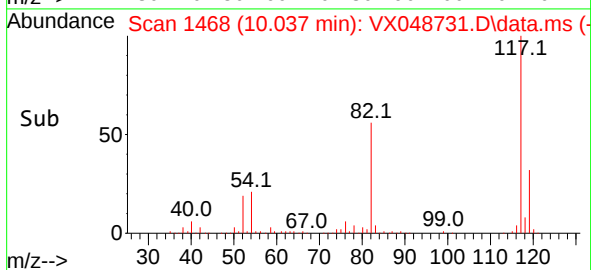
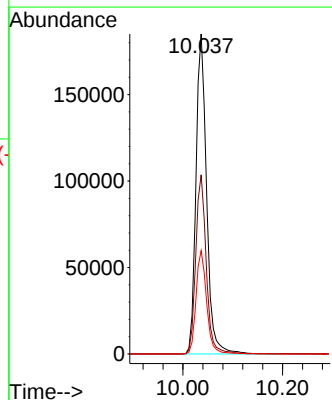
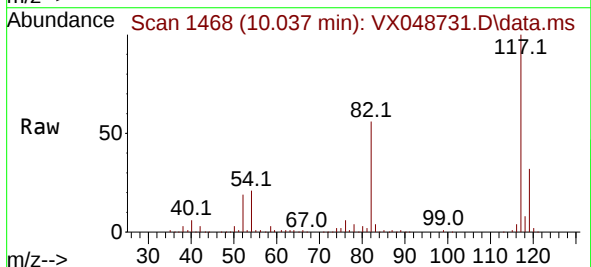
Instrument :
MSVOA_X
ClientSampleId :
MW-14A-17.5-120325

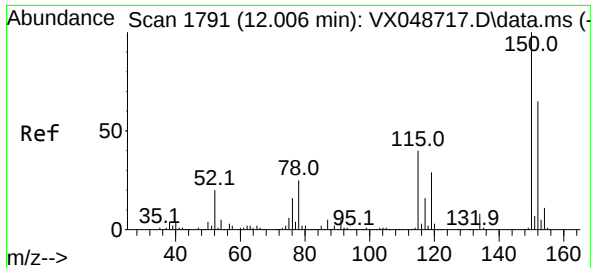
Tgt Ion: 95 Resp: 125871
Ion Ratio Lower Upper
95 100
174 80.3 0.0 157.8
176 77.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

Tgt Ion: 117 Resp: 274042
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 32.3 25.2 37.8

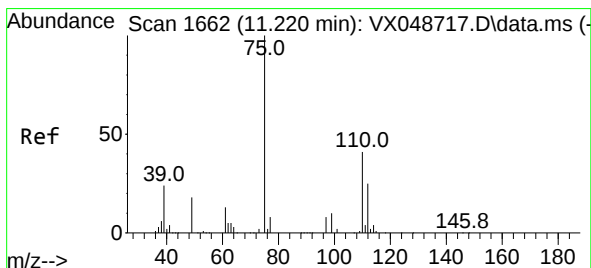
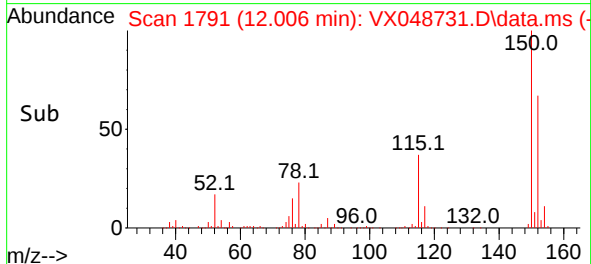
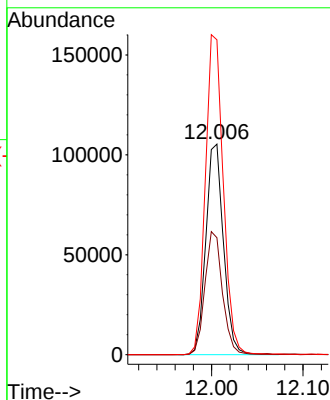
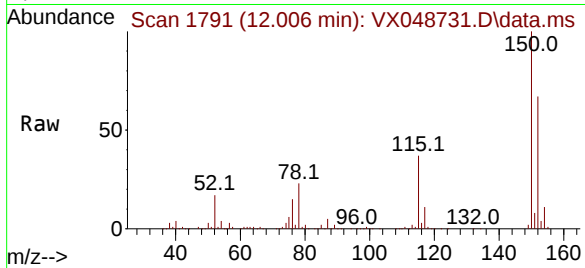




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048731.D
 Acq: 05 Dec 2025 13:32

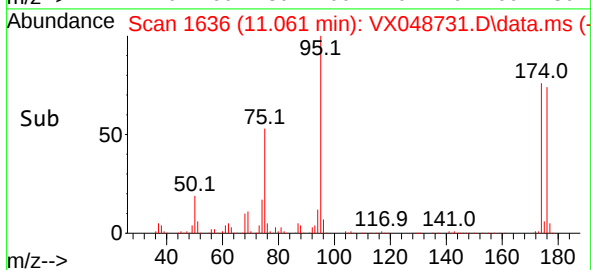
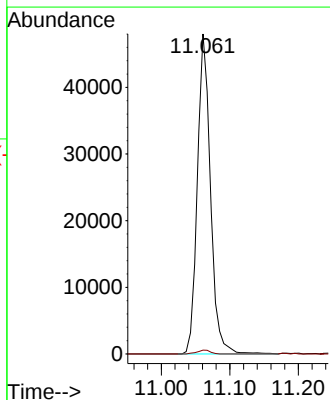
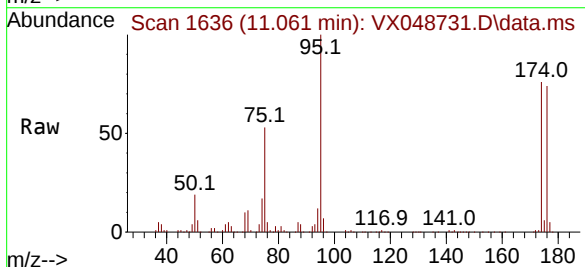
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14A-17.5-120325

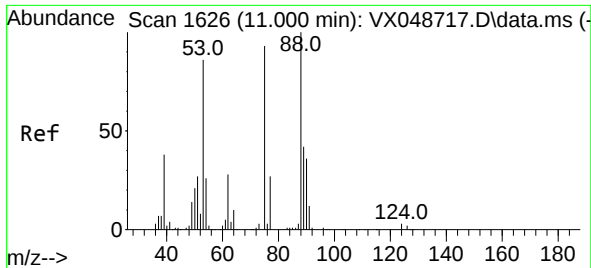
Tgt Ion:152 Resp: 141373
 Ion Ratio Lower Upper
 152 100
 115 58.1 42.1 126.4
 150 154.1 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 24.302 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048731.D
 Acq: 05 Dec 2025 13:32

Tgt Ion: 75 Resp: 63991
 Ion Ratio Lower Upper
 75 100
 77 1.2 24.3 73.0#

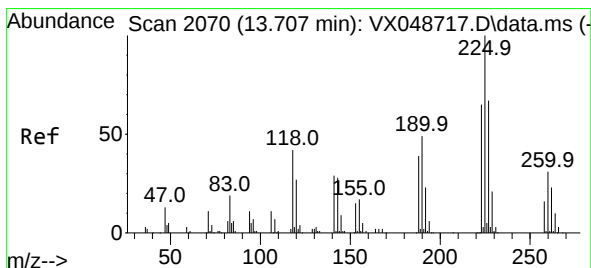
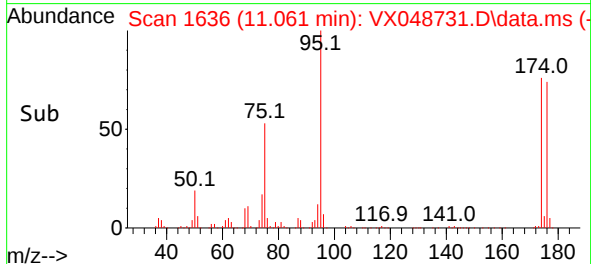
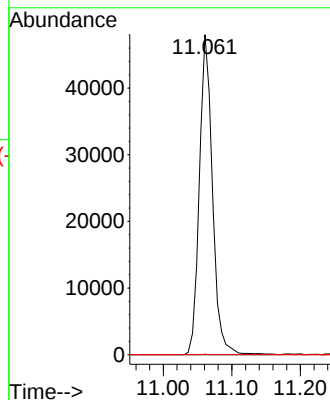
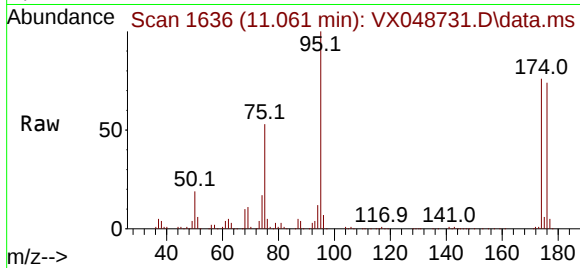




#81
trans-1,4-Dichloro-2-butene
Concen: 57.728 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

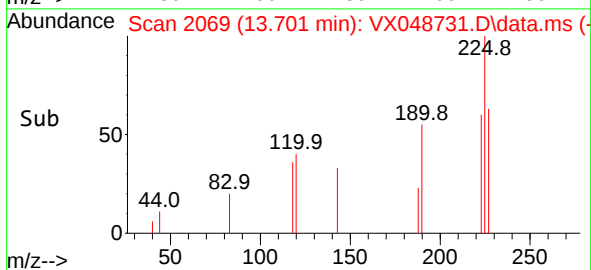
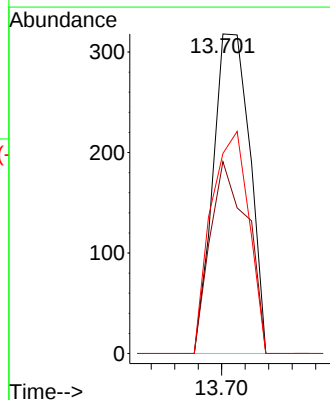
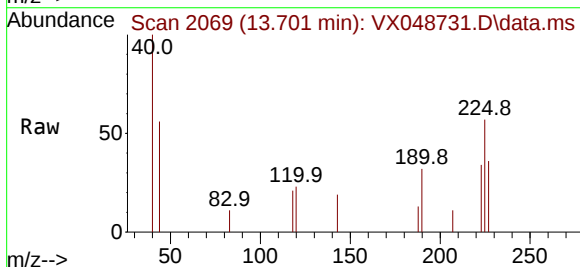
Instrument :
MSVOA_X
ClientSampleId :
MW-14A-17.5-120325

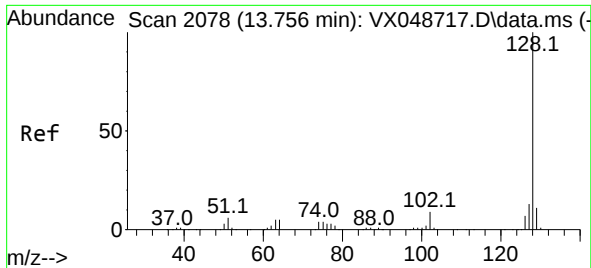
Tgt Ion: 75 Resp: 63991
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#



#94
Hexachlorobutadiene
Concen: 0.278 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

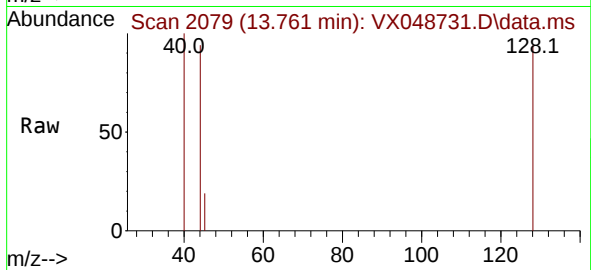
Tgt Ion: 225 Resp: 345
Ion Ratio Lower Upper
225 100
223 61.2 33.0 98.9
227 71.3 32.9 98.7





#95
Naphthalene
Concen: Below Cal
RT: 13.761 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX048731.D
Acq: 05 Dec 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :
MW-14A-17.5-120325



Tgt Ion:128 Resp: 552
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

