

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048117.D
 Acq On : 10 Oct 2025 16:56
 Operator : JC/MD
 Sample : Q3311-05DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1SDL

Quant Time: Oct 10 23:51:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

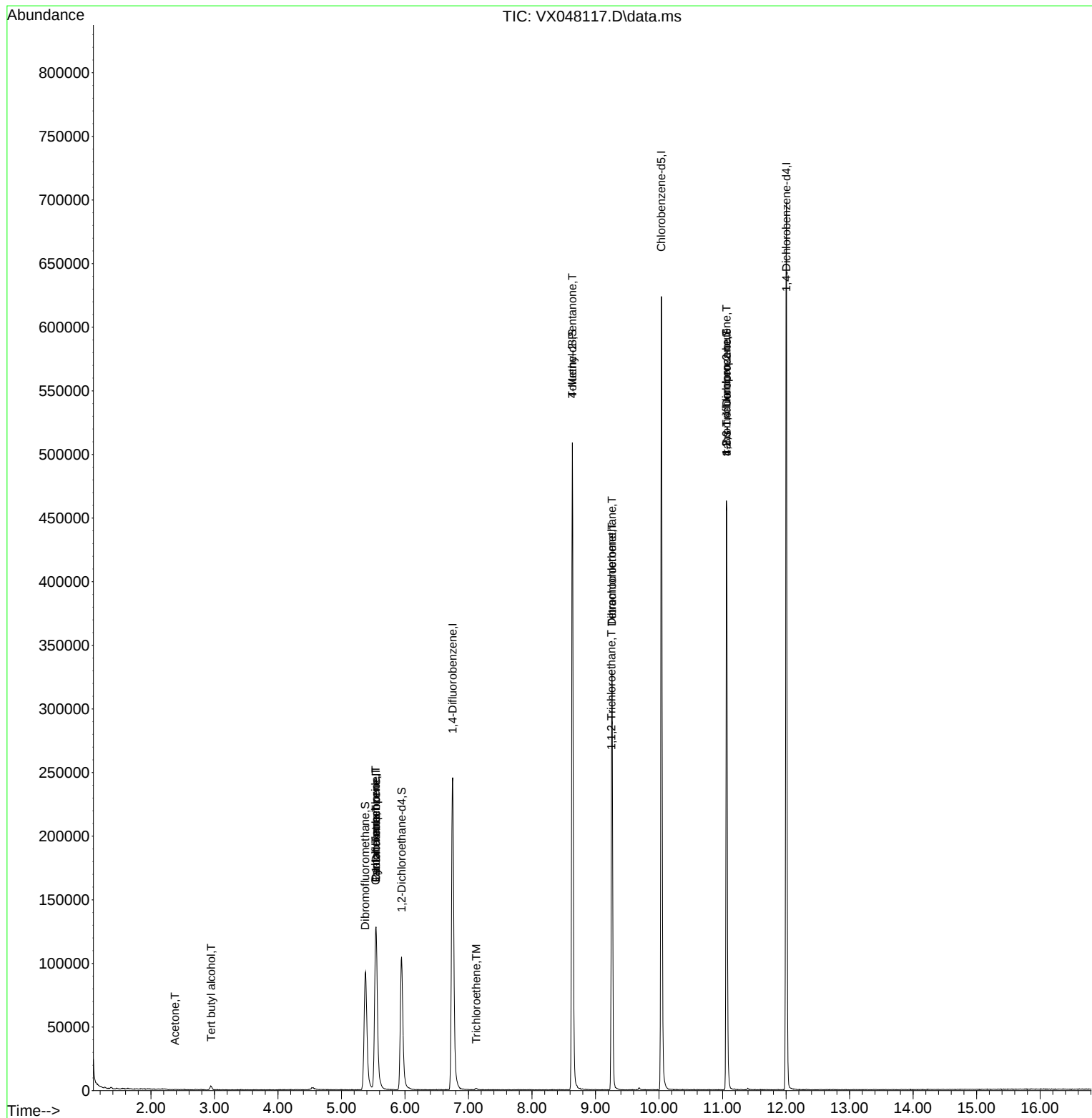
Internal Standards						
1) Pentafluorobenzene	5.544	168	127982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	267787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	282940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113607	55.768	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.540%			
35) Dibromofluoromethane	5.373	113	90402	50.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	8.635	98	303195	48.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.580%			
62) 4-Bromofluorobenzene	11.061	95	134619	57.080	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.160%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1603	7.065	ug/l #	75
16) Acetone	2.380	43	355	0.401	ug/l #	45
31) Cyclohexane	5.544	56	3118	1.158	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11196	4.266	ug/l #	50
38) Carbon Tetrachloride	5.538	117	13975	4.901	ug/l #	18
44) Trichloroethene	7.123	130	428	0.222	ug/l	89
51) 4-Methyl-2-Pentanone	8.635	43	1404	0.549	ug/l #	1
55) 1,1,2-Trichloroethane	9.250	97	522	0.276	ug/l #	1
60) Dibromochloromethane	9.256	129	63957	29.314	ug/l #	11
64) Tetrachloroethene	9.256	164	63775	34.576	ug/l	99
76) 1,2,3-Trichloropropane	11.061	75	71892	24.749	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	71892	63.114	ug/l #	8

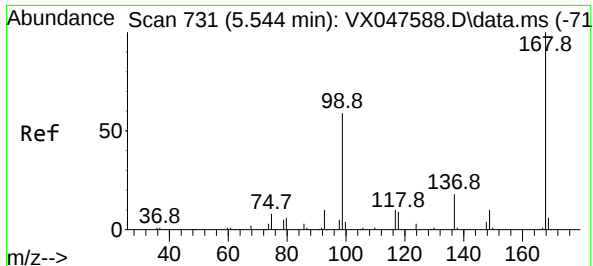
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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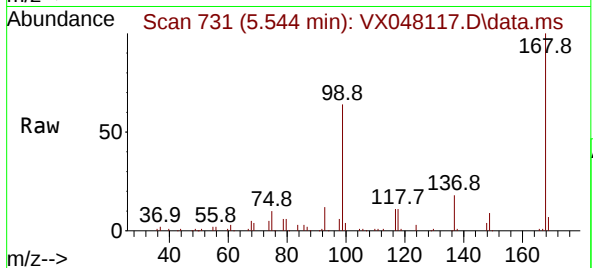
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



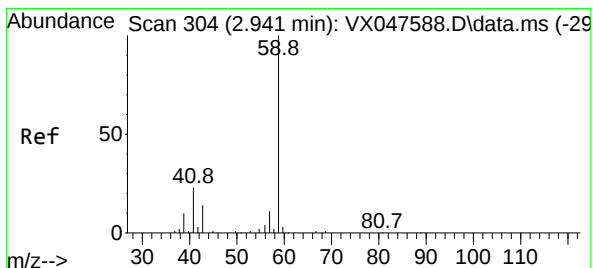
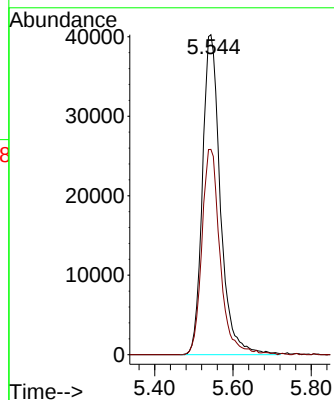
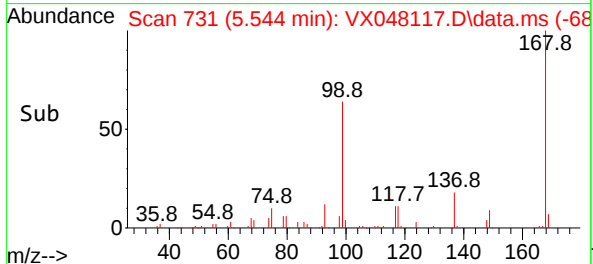


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

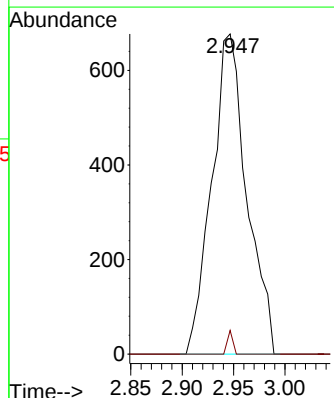
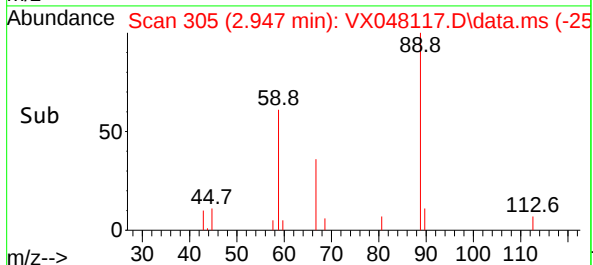
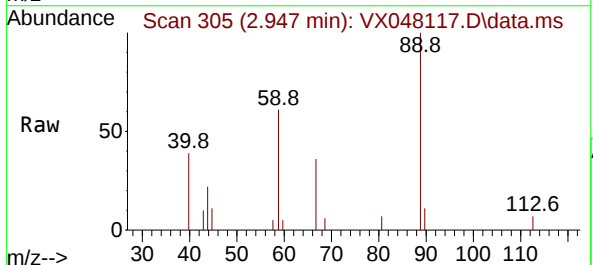


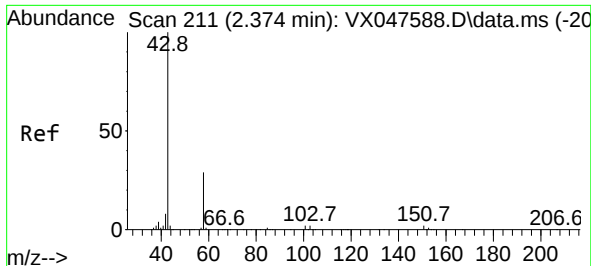
Tgt Ion:168 Resp: 127982
Ion Ratio Lower Upper
168 100
99 64.2 48.8 73.2



#11
Tert butyl alcohol
Concen: 7.065 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion: 59 Resp: 1603
Ion Ratio Lower Upper
59 100
57 1.1 8.3 12.5#

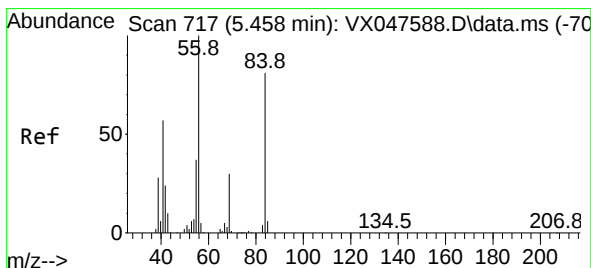
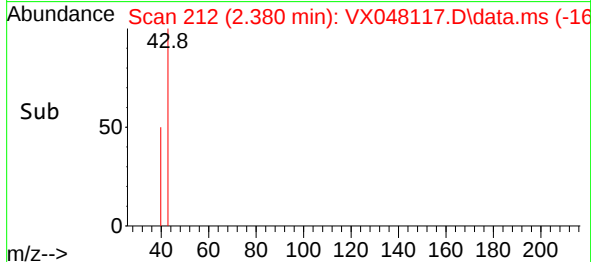
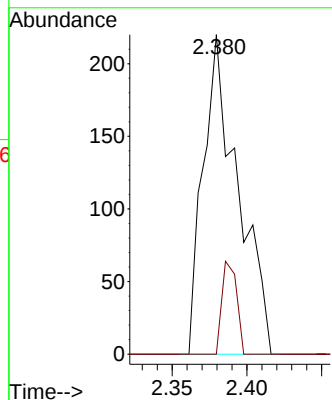
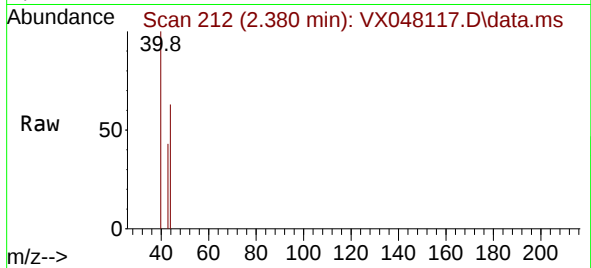




#16
Acetone
Concen: 0.401 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

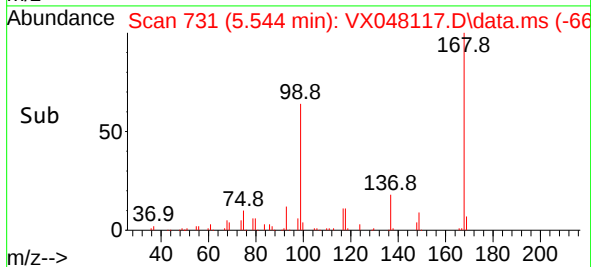
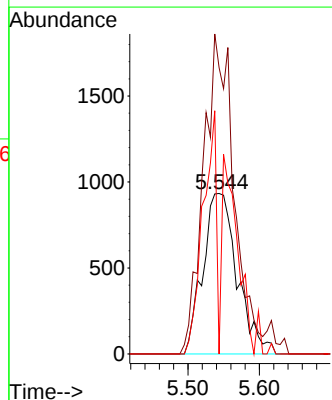
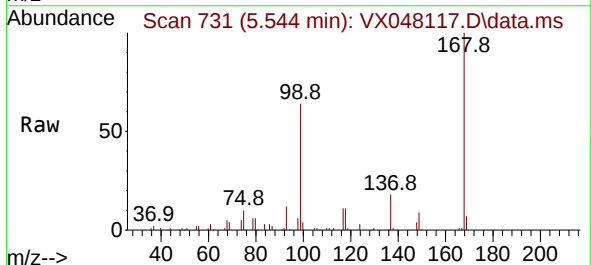
Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

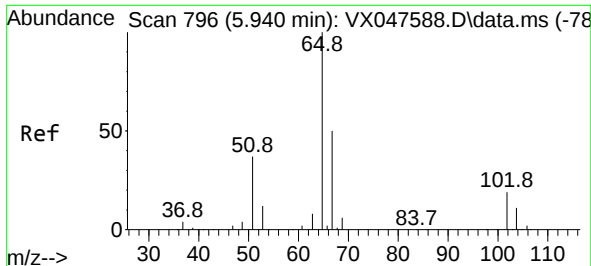
Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#31
Cyclohexane
Concen: 1.158 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion: 56 Resp: 3118
Ion Ratio Lower Upper
56 100
69 178.6 23.8 35.8#
84 0.0 64.6 97.0#

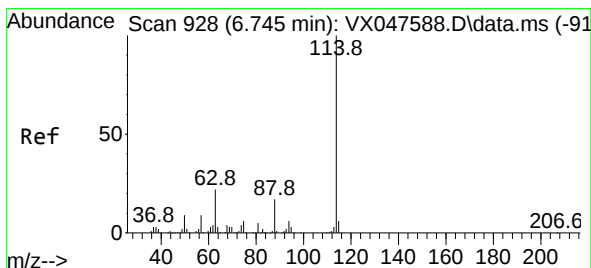
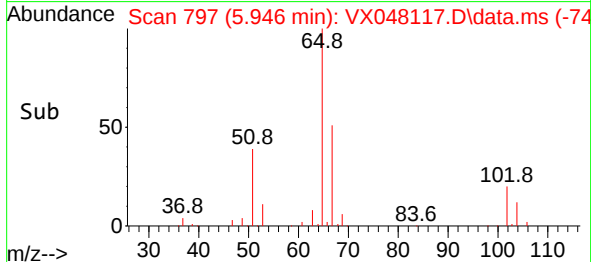
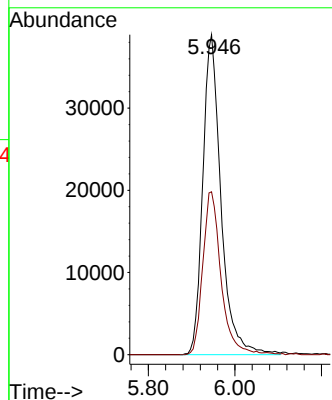
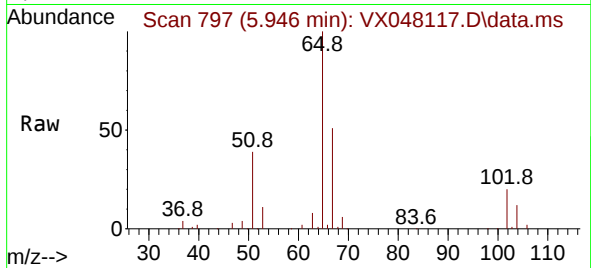




#33
 1,2-Dichloroethane-d4
 Concen: 55.768 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048117.D
 Acq: 10 Oct 2025 16:56

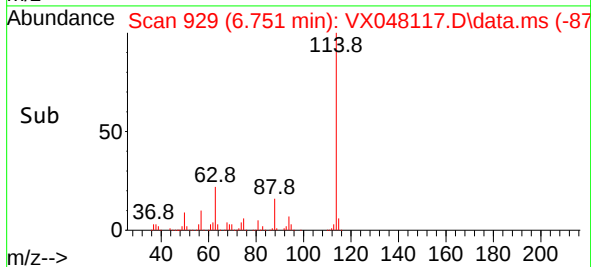
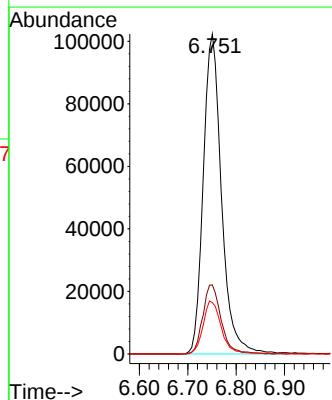
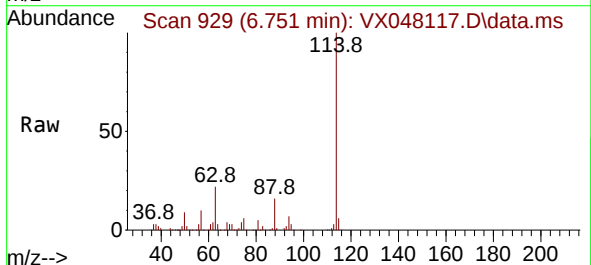
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1SDL

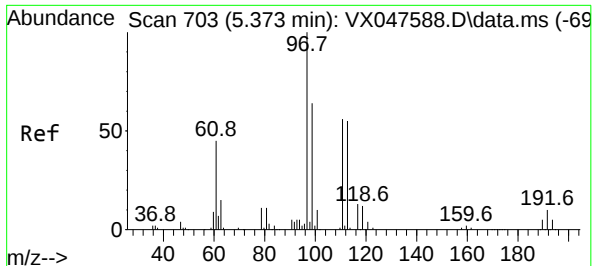
Tgt Ion: 65 Resp: 113607
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048117.D
 Acq: 10 Oct 2025 16:56

Tgt Ion: 114 Resp: 267787
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.0
 88 16.1 0.0 34.2

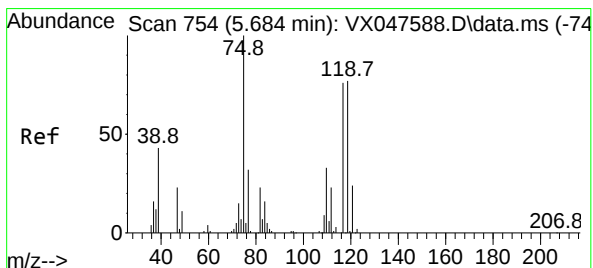
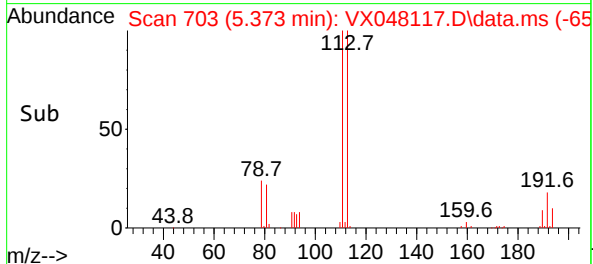
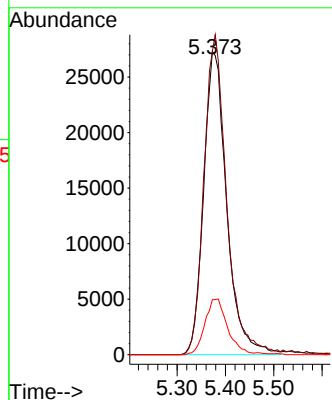
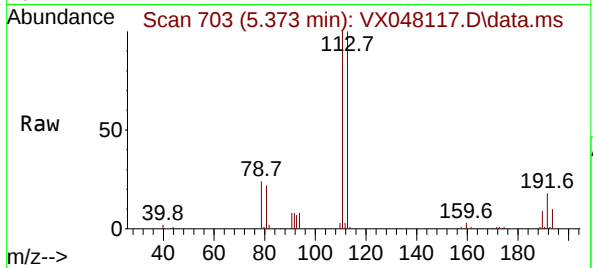




#35
Dibromofluoromethane
Concen: 50.337 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

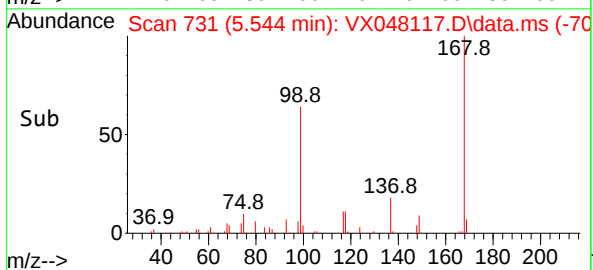
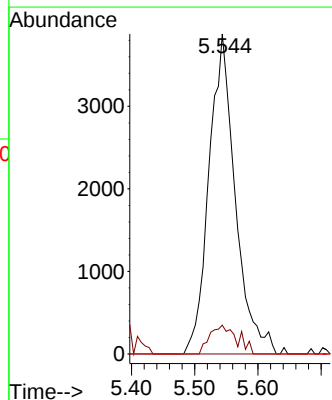
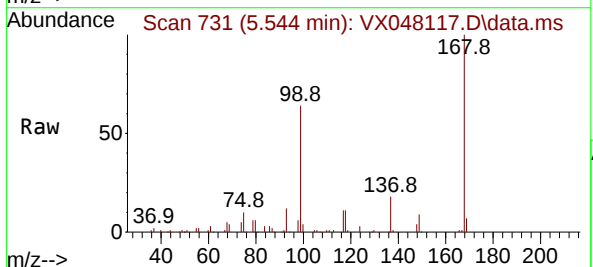
Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

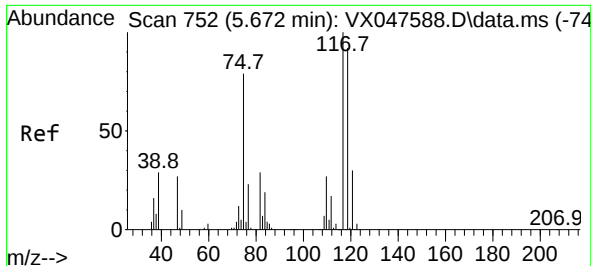
Tgt Ion:113 Resp: 90402
Ion Ratio Lower Upper
113 100
111 104.5 80.9 121.3
192 18.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.266 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

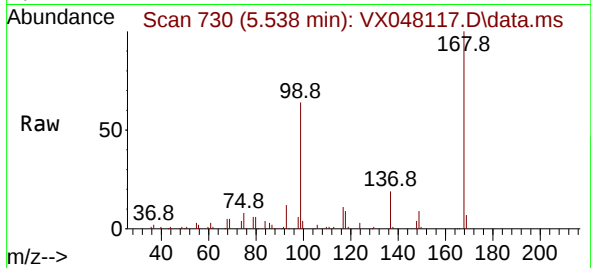
Tgt Ion: 75 Resp: 11196
Ion Ratio Lower Upper
75 100
110 7.7 16.7 50.1#
77 0.0 24.3 36.5#



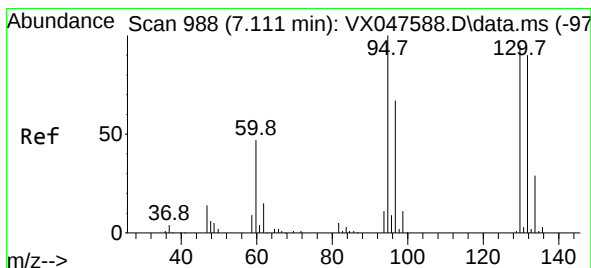
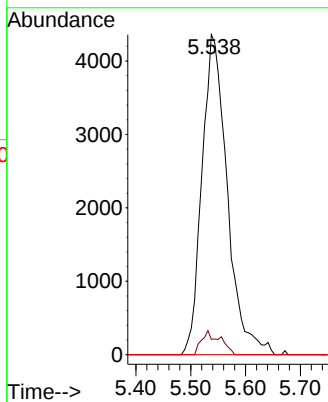
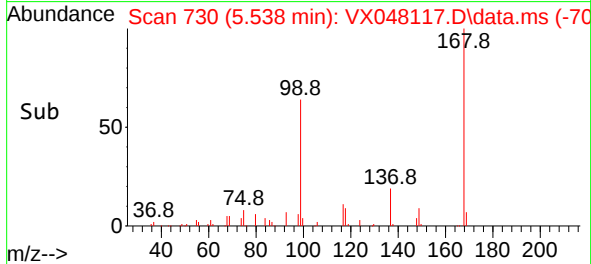


#38
Carbon Tetrachloride
Concen: 4.901 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

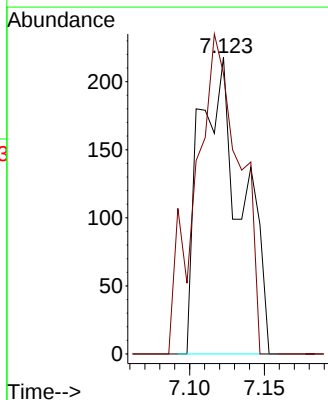
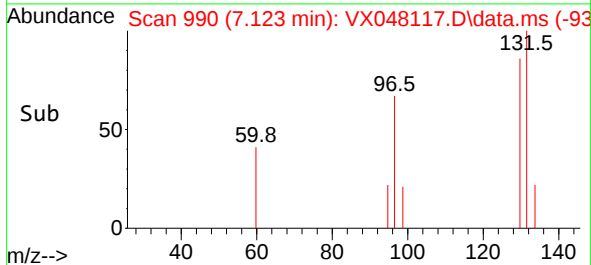
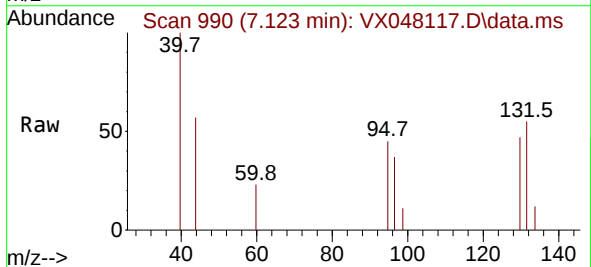


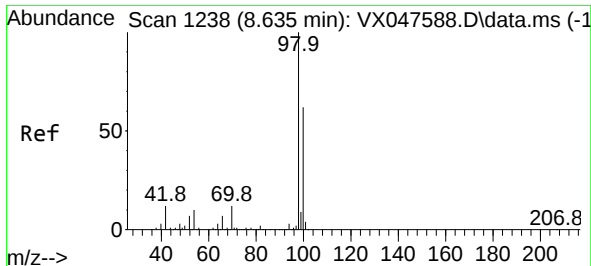
Tgt Ion:117 Resp: 13975
Ion Ratio Lower Upper
117 100
119 4.8 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.222 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion:130 Resp: 428
Ion Ratio Lower Upper
130 100
95 94.5 0.0 210.8

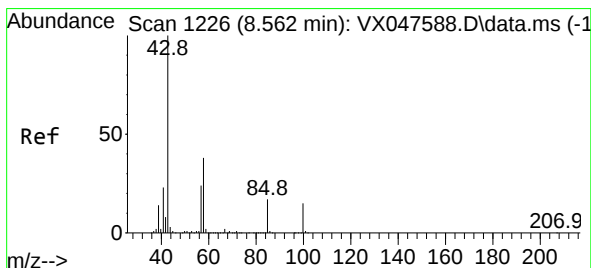
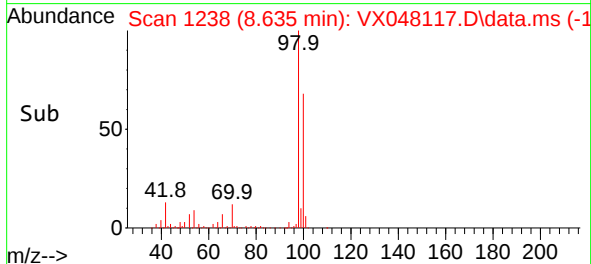
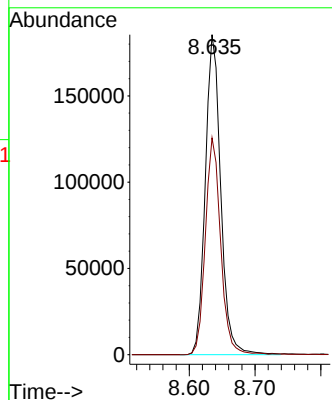
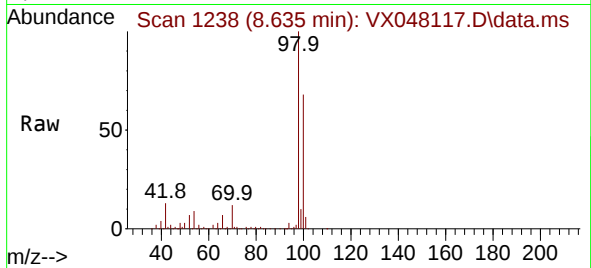




#50
Toluene-d8
Concen: 48.790 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

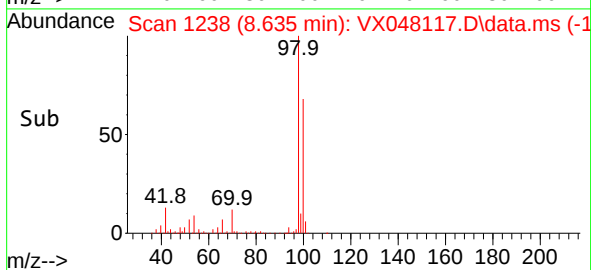
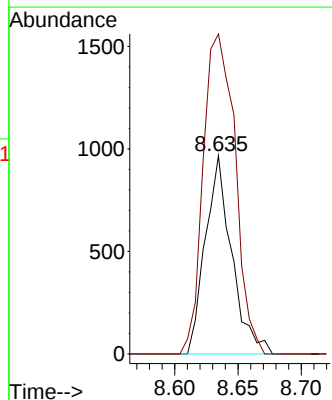
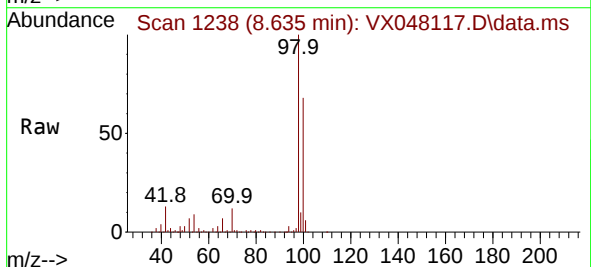
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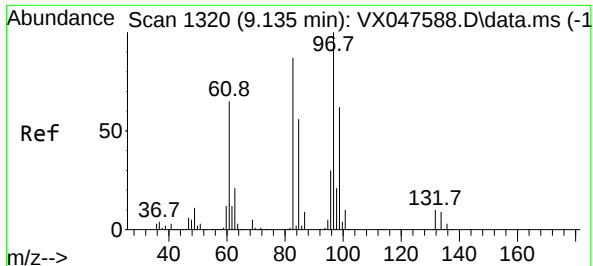
Tgt Ion: 98 Resp: 303195
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.073 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
58 195.5 30.3 45.5#





#55

1,1,2-Trichloroethane

Concen: 0.276 ug/l

RT: 9.250 min Scan# 1

Delta R.T. 0.116 min

Lab File: VX048117.D

Acq: 10 Oct 2025 16:56

Instrument :

MSVOA_X

ClientSampleId :

MW-1SDL

Tgt Ion: 97 Resp: 522

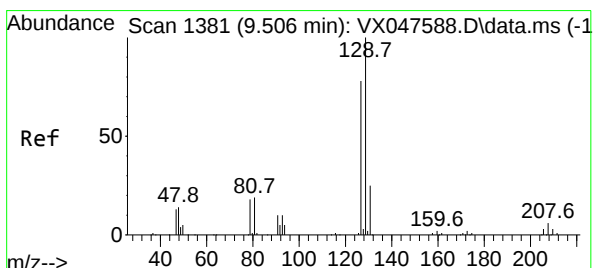
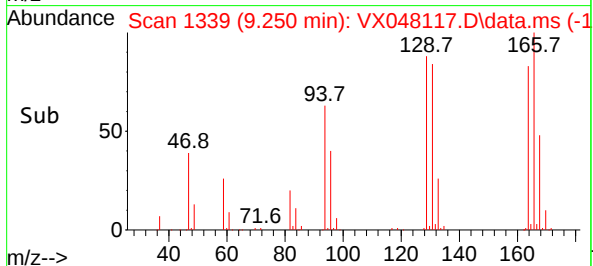
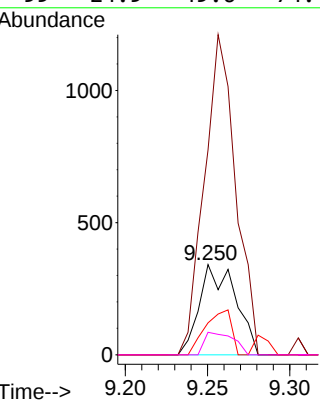
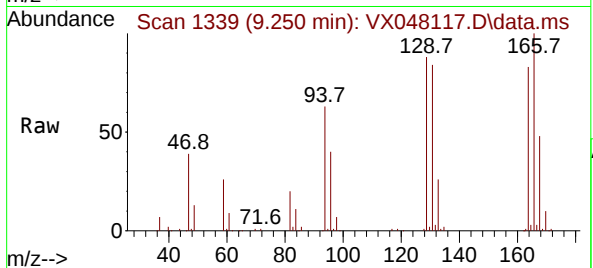
Ion Ratio Lower Upper

97 100

83 227.3 69.6 104.4#

85 197.7 45.0 67.6#

99 24.9 49.6 74.4#



#60

Dibromochloromethane

Concen: 29.314 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.250 min

Lab File: VX048117.D

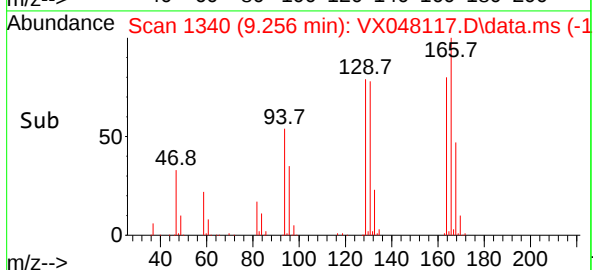
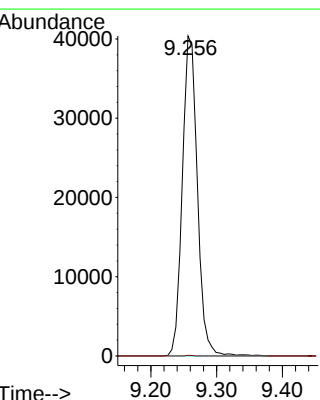
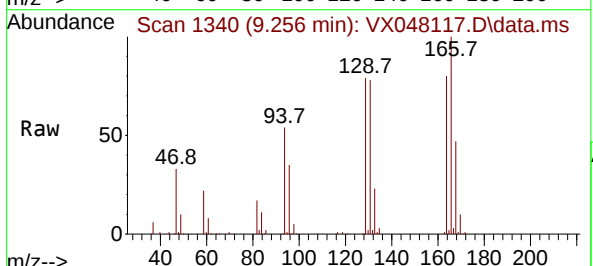
Acq: 10 Oct 2025 16:56

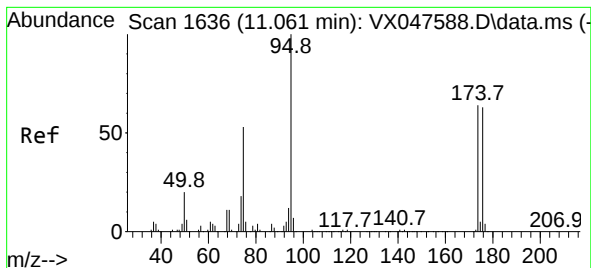
Tgt Ion:129 Resp: 63957

Ion Ratio Lower Upper

129 100

127 0.1 38.4 115.2#

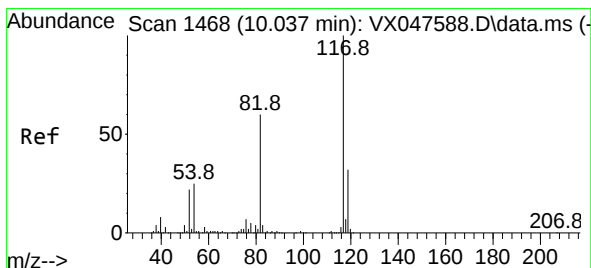
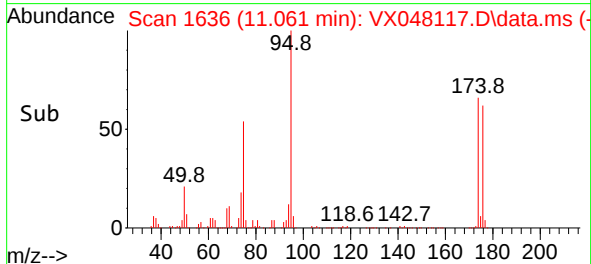
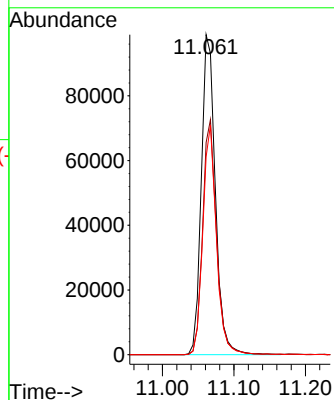
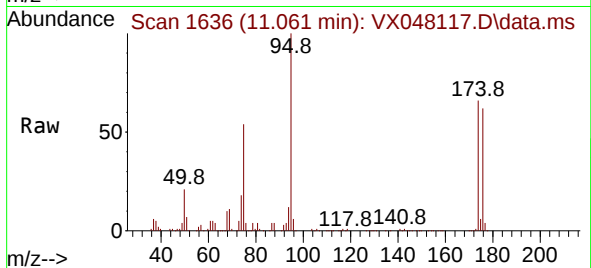




#62
4-Bromofluorobenzene
Concen: 57.080 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

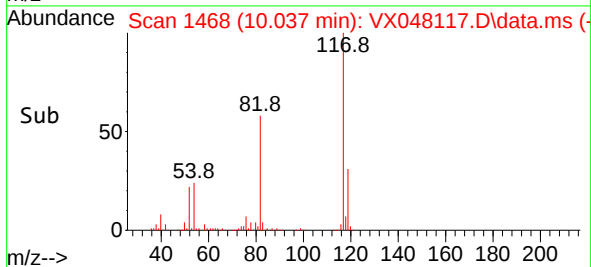
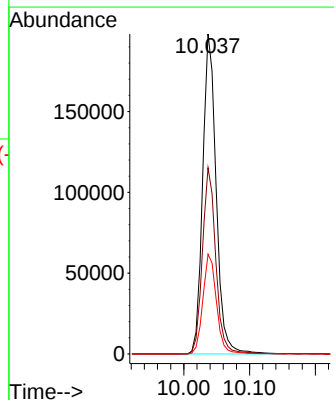
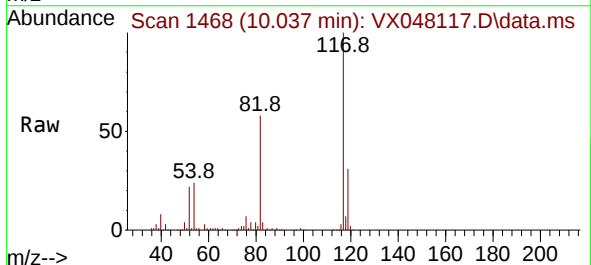
Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

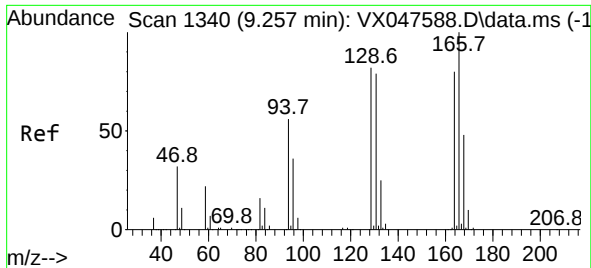
Tgt Ion: 95 Resp: 134619
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 69.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion: 117 Resp: 282940
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 31.1 25.2 37.8

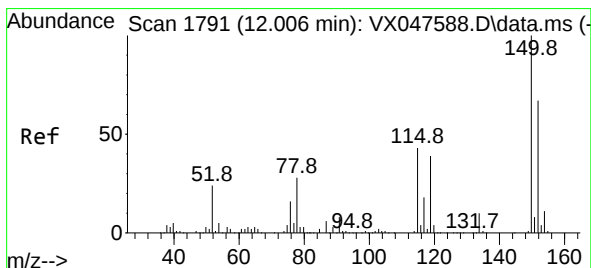
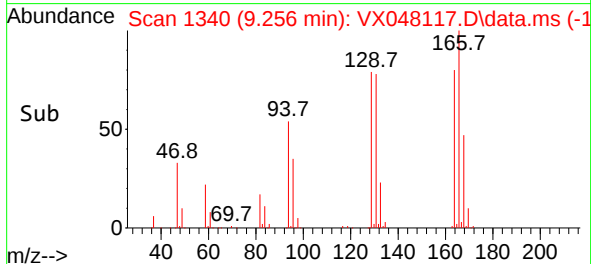
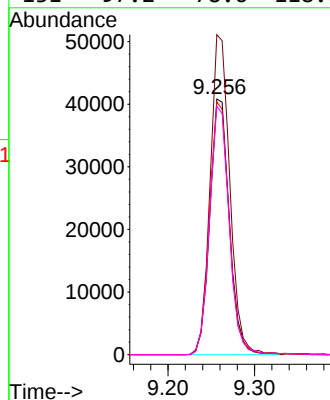
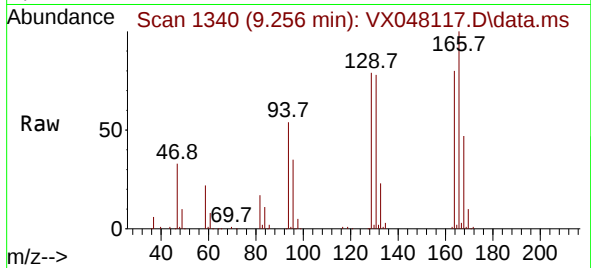




#64
Tetrachloroethene
Concen: 34.576 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

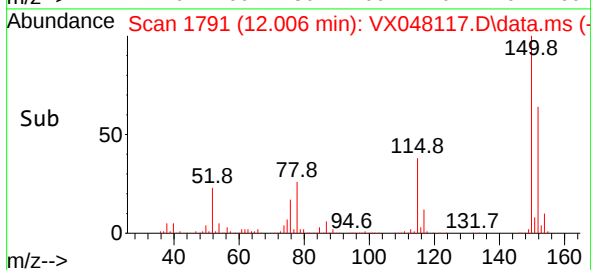
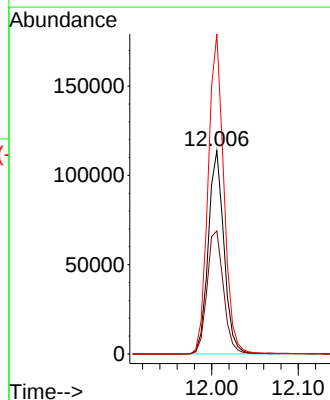
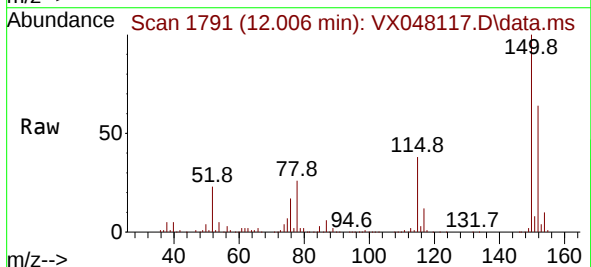
Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

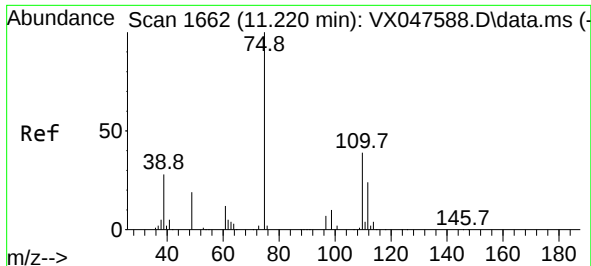
Tgt Ion:164 Resp: 63775
Ion Ratio Lower Upper
164 100
166 125.2 100.2 150.2
129 98.9 81.8 122.6
131 97.2 78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion:152 Resp: 143470
Ion Ratio Lower Upper
152 100
115 63.6 44.9 134.5
150 157.7 0.0 352.0

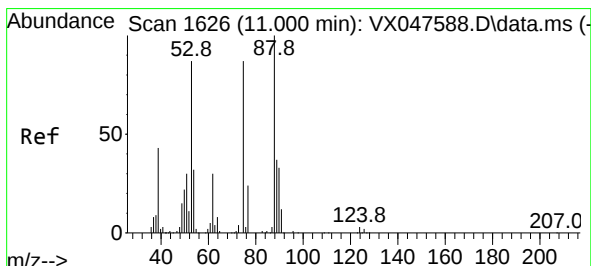
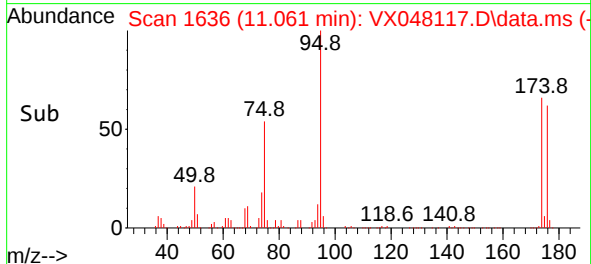
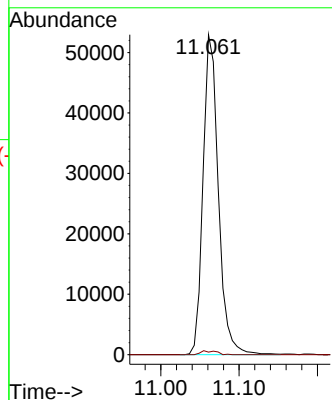
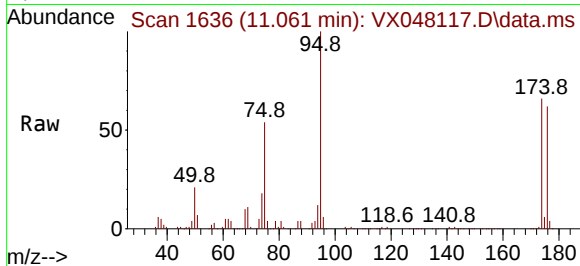




#76
1,2,3-Trichloropropane
Concen: 24.749 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

Tgt Ion: 75 Resp: 71892
Ion Ratio Lower Upper
75 100
77 1.3 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.114 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion: 75 Resp: 71892
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

