

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047816.D
 Acq On : 25 Sep 2025 16:42
 Operator : JC/MD
 Sample : Q3128-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-5-20250917

Quant Time: Sep 26 01:31:11 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)

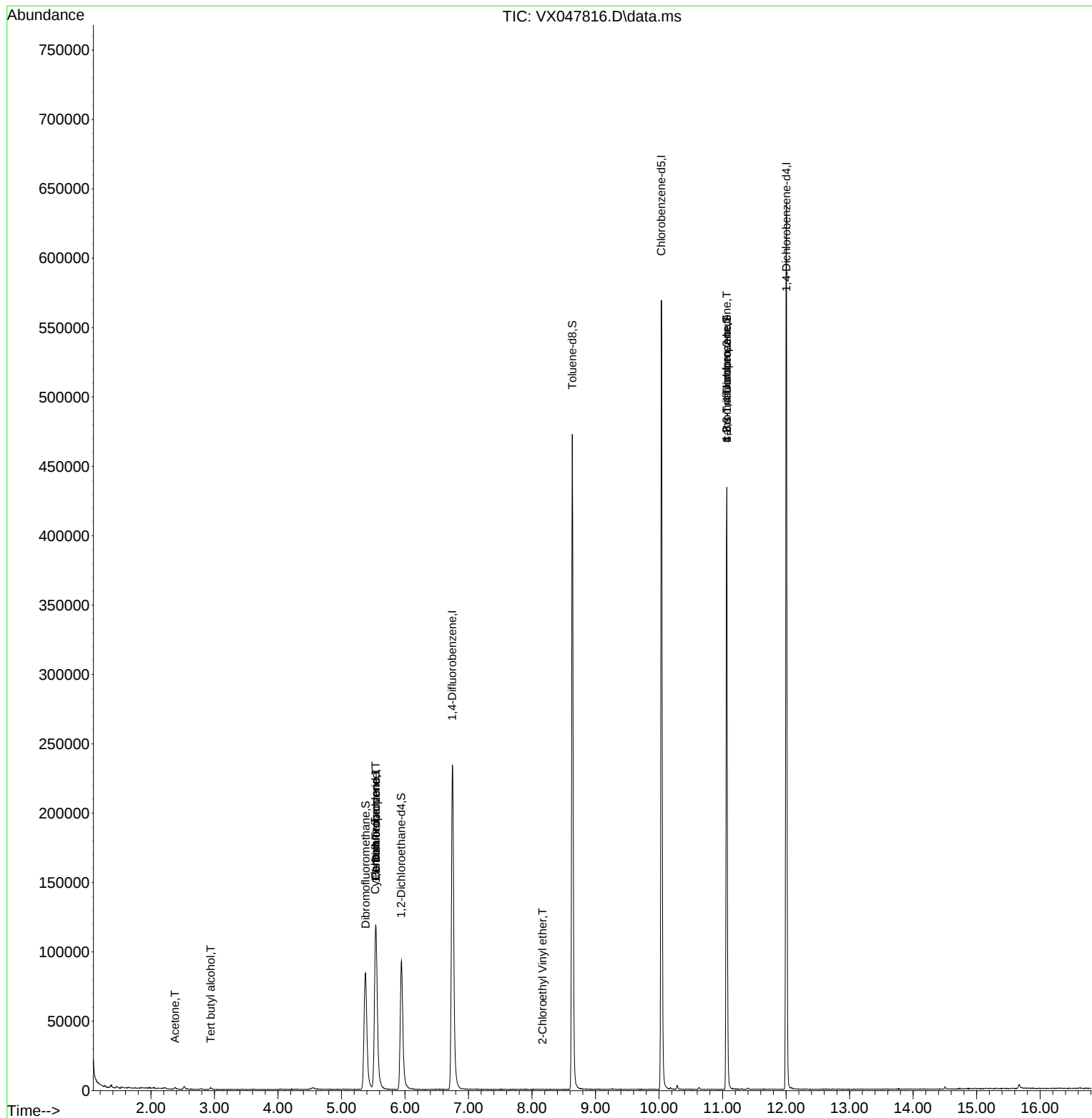
Internal Standards						
1) Pentafluorobenzene	5.537	168	121834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	260923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	263550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100979	52.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.140%			
35) Dibromofluoromethane	5.379	113	84710	48.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.820%			
50) Toluene-d8	8.634	98	286286	47.281	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.560%			
62) 4-Bromofluorobenzene	11.067	95	119574	52.035	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.060%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	789	3.653	ug/l #	72
16) Acetone	2.379	43	1244	1.475	ug/l #	86
31) Cyclohexane	5.531	56	2733	1.066	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10761	4.208	ug/l #	51
38) Carbon Tetrachloride	5.537	117	12987	4.675	ug/l #	17
58) 2-Chloroethyl Vinyl ether	8.165	63	52	7.930	ug/l #	47
76) 1,2,3-Trichloropropane	11.067	75	62544	23.463	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	62544	59.834	ug/l #	8

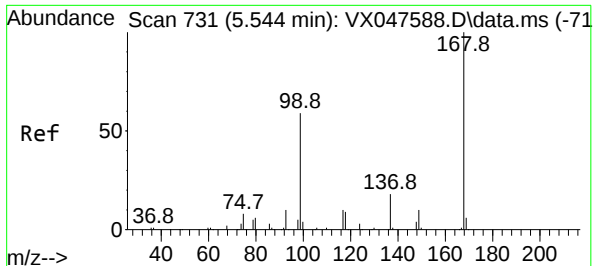
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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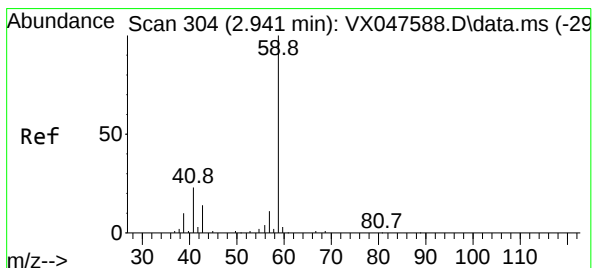
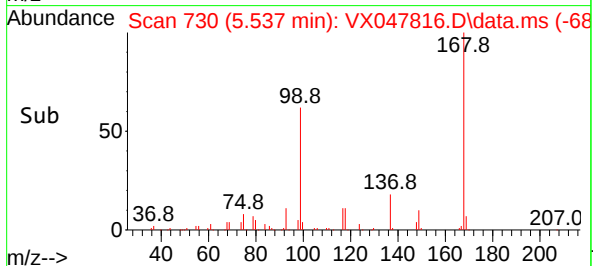
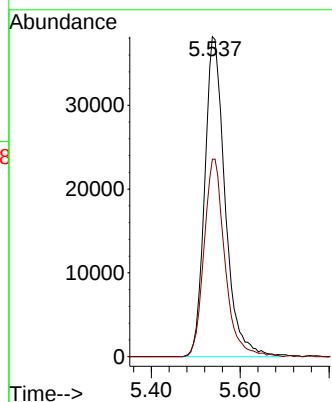
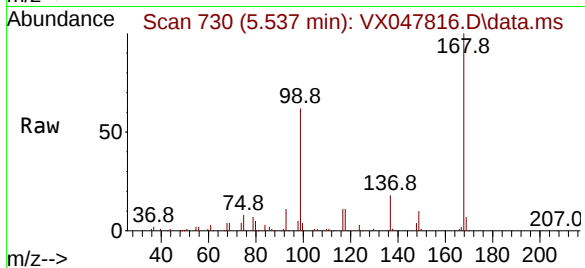




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

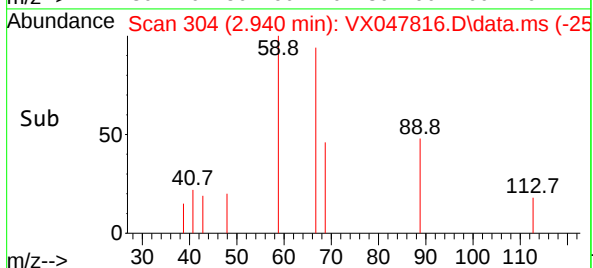
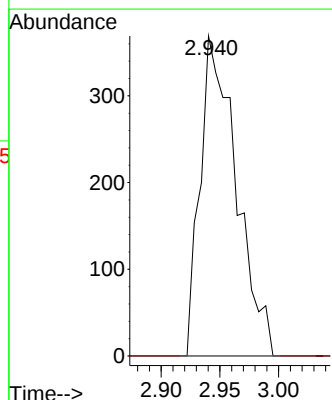
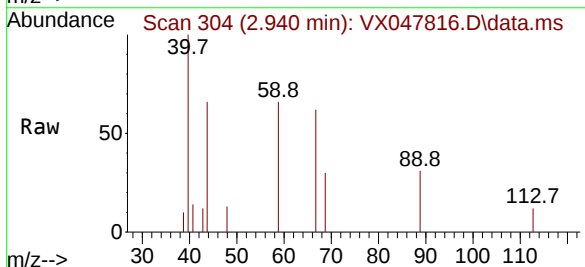
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

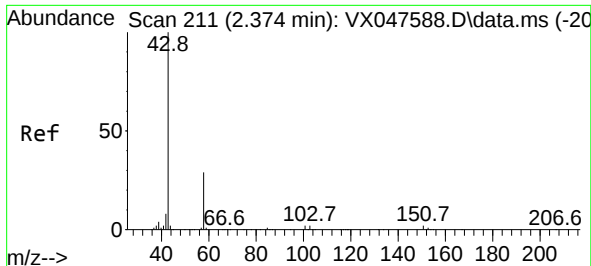
Tgt Ion:168 Resp: 121834
Ion Ratio Lower Upper
168 100
99 61.7 48.8 73.2



#11
Tert butyl alcohol
Concen: 3.653 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Tgt Ion: 59 Resp: 789
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

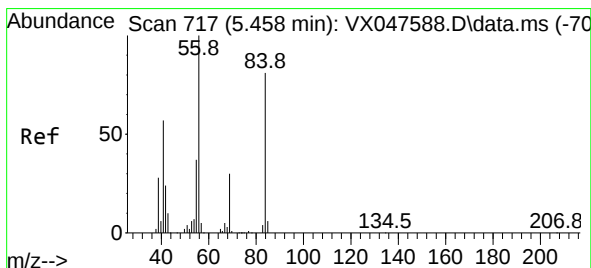
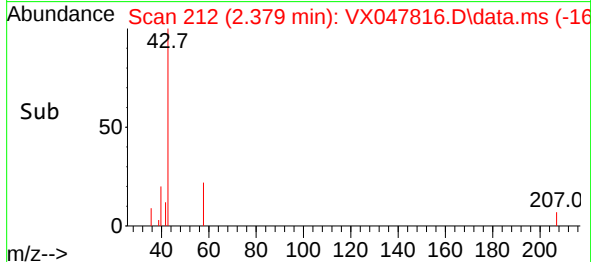
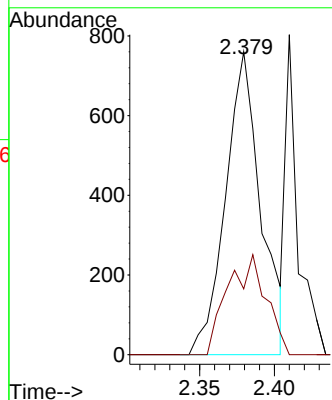
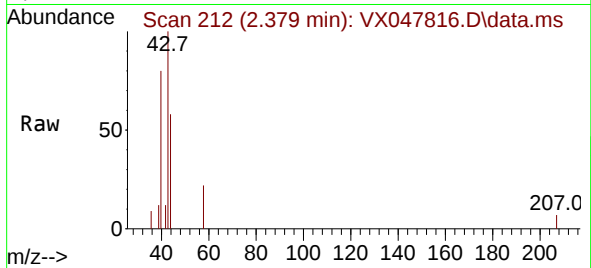




#16
Acetone
Concen: 1.475 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

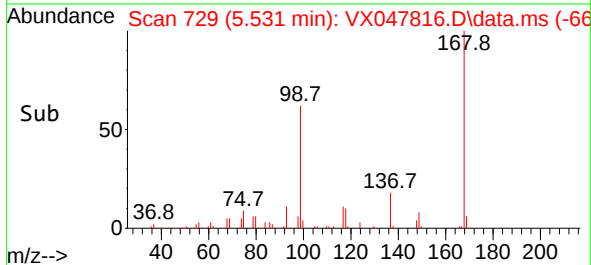
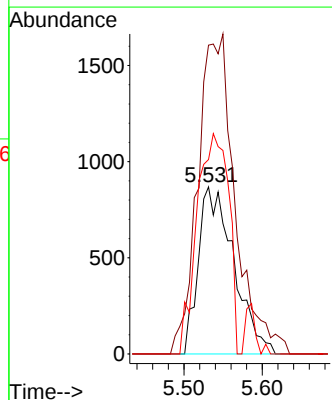
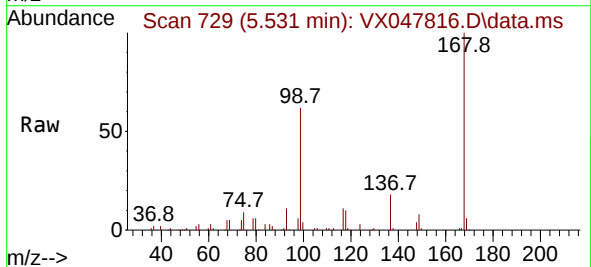
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

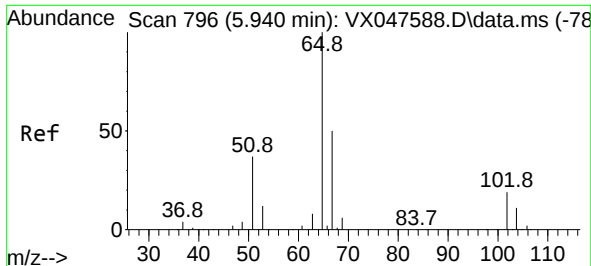
Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 21.7 23.4 35.0#



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Tgt Ion: 56 Resp: 2733
Ion Ratio Lower Upper
56 100
69 175.0 23.8 35.8#
84 116.3 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 52.070 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047816.D

Acq: 25 Sep 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

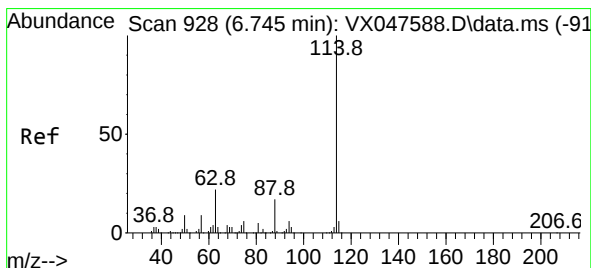
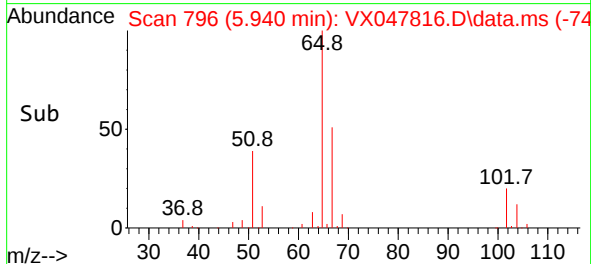
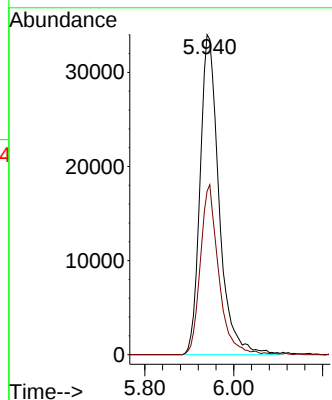
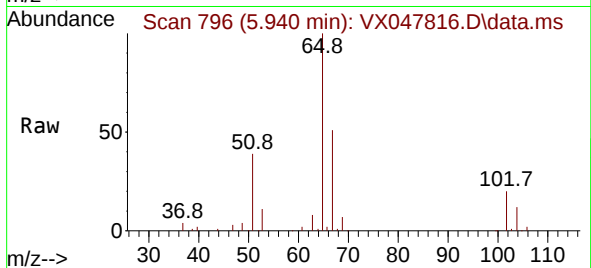
BPOW6-5-20250917

Tgt Ion: 65 Resp: 100979

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047816.D

Acq: 25 Sep 2025 16:42

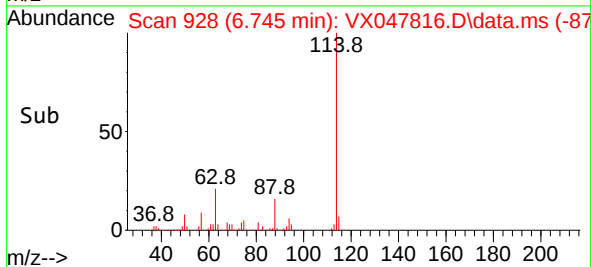
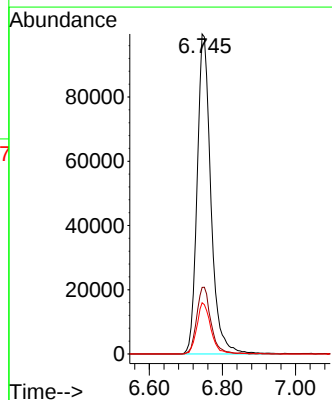
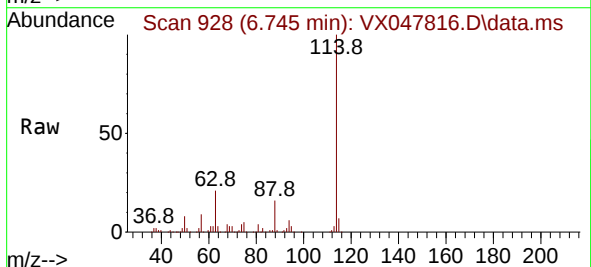
Tgt Ion: 114 Resp: 260923

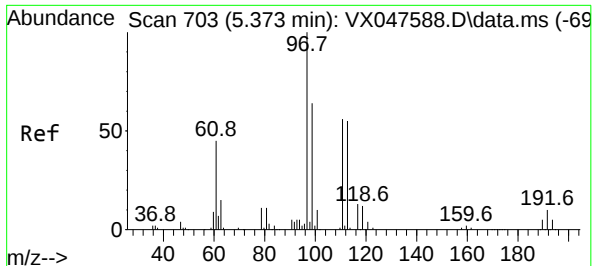
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.0

88 16.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.409 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047816.D

Acq: 25 Sep 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-5-20250917

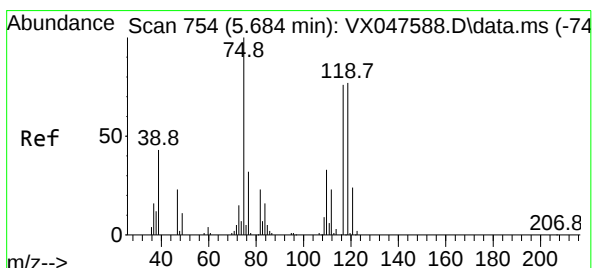
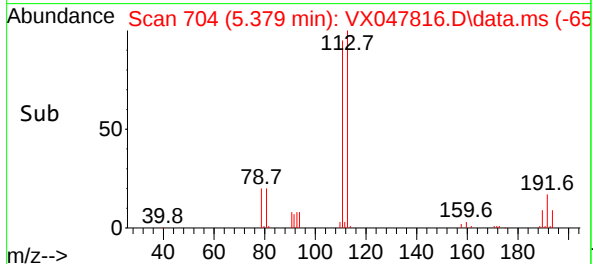
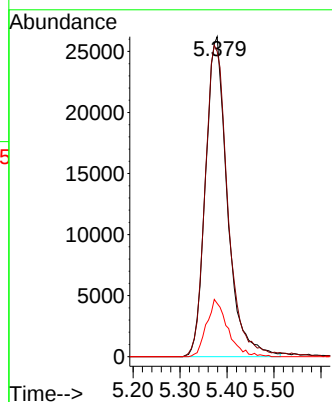
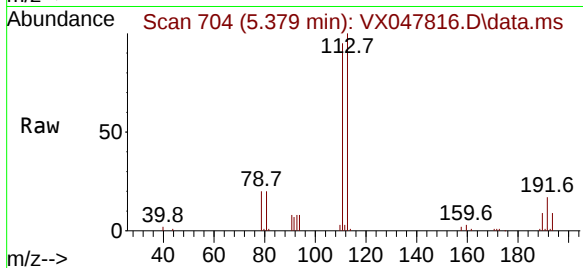
Tgt Ion:113 Resp: 84710

Ion Ratio Lower Upper

113 100

111 101.2 80.9 121.3

192 17.0 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.208 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX047816.D

Acq: 25 Sep 2025 16:42

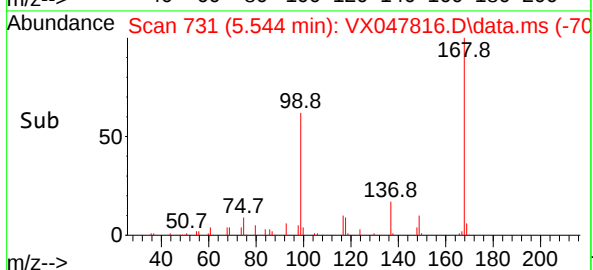
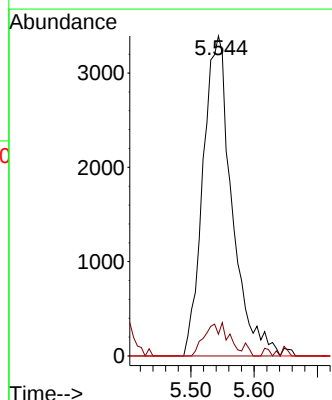
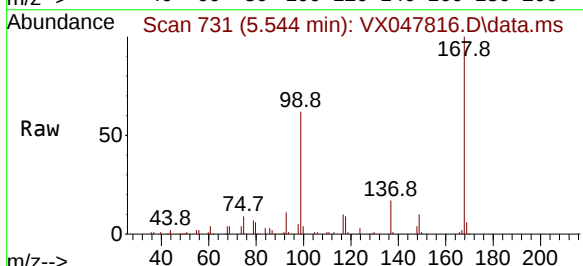
Tgt Ion: 75 Resp: 10761

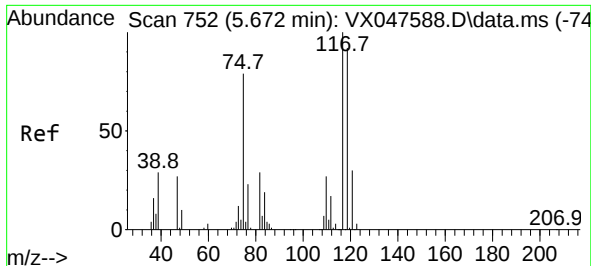
Ion Ratio Lower Upper

75 100

110 8.6 16.7 50.1#

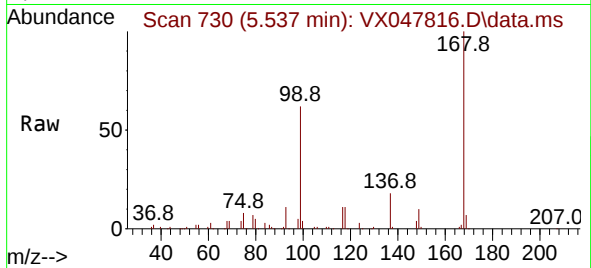
77 0.0 24.3 36.5#



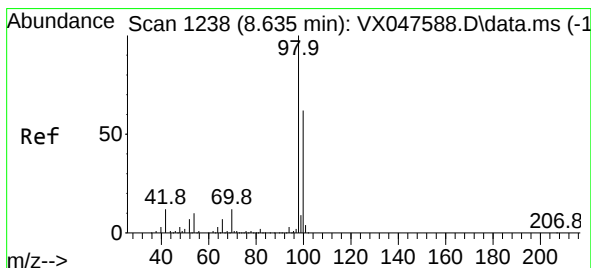
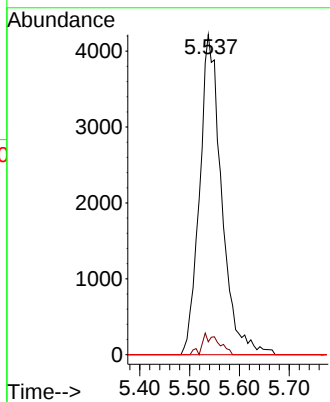
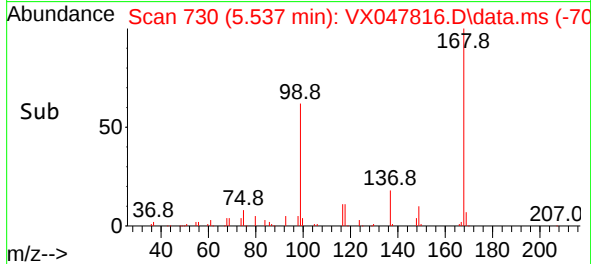


#38
Carbon Tetrachloride
Concen: 4.675 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

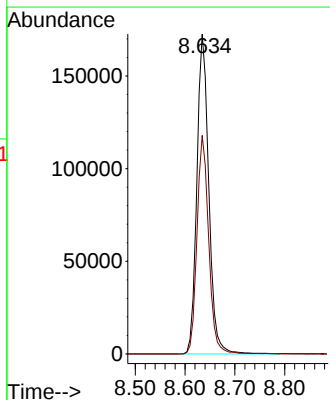
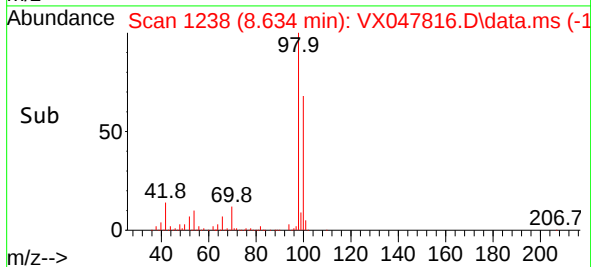
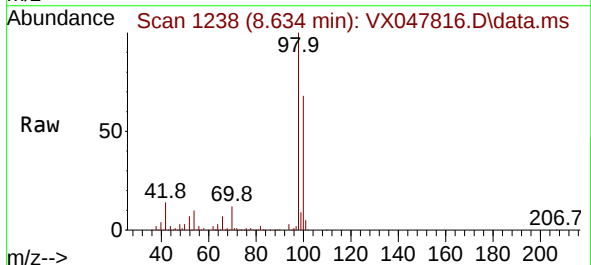


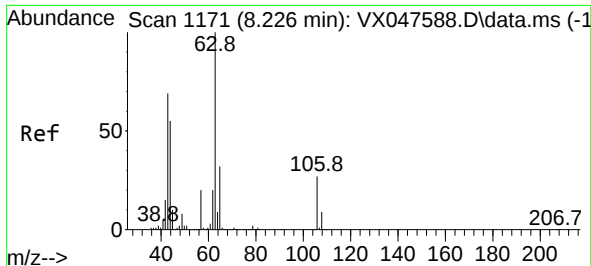
Tgt Ion:117 Resp: 12987
Ion Ratio Lower Upper
117 100
119 4.0 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 47.281 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Tgt Ion: 98 Resp: 286286
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4

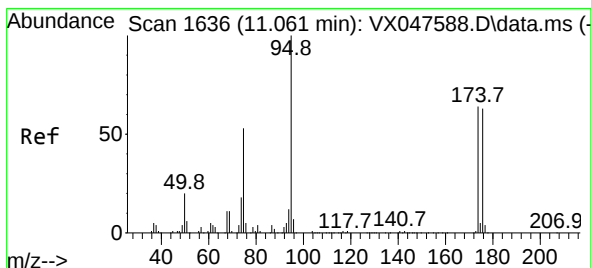
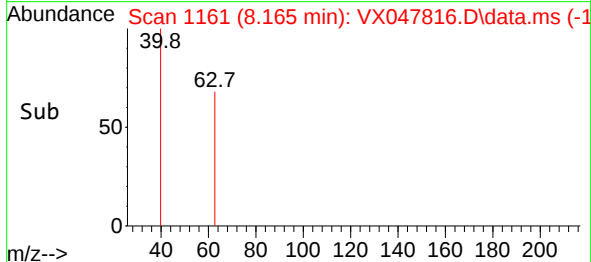
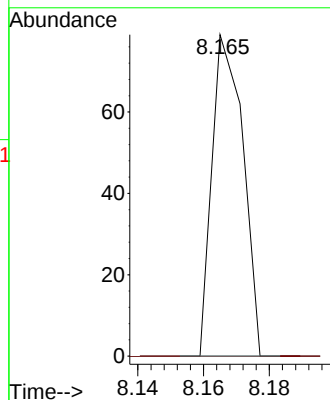
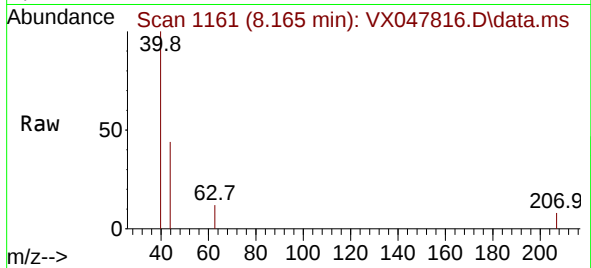




#58
2-Chloroethyl Vinyl ether
Concen: 7.930 ug/l
RT: 8.165 min Scan# 1161
Delta R.T. -0.061 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

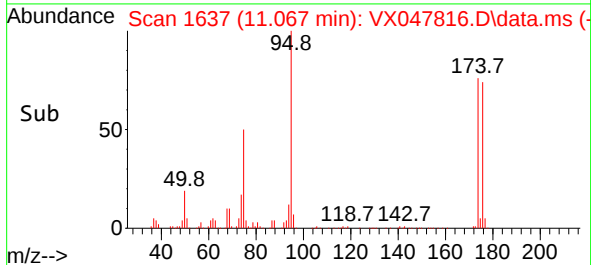
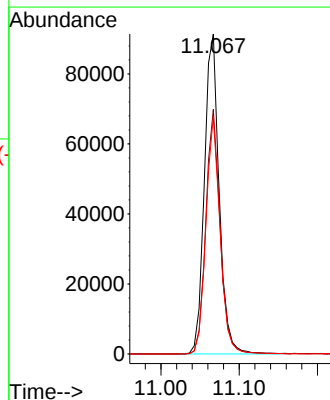
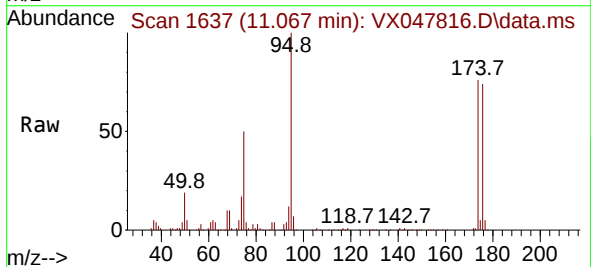
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MSVOA_X
ClientSampleId :
BPOW6-5-20250917

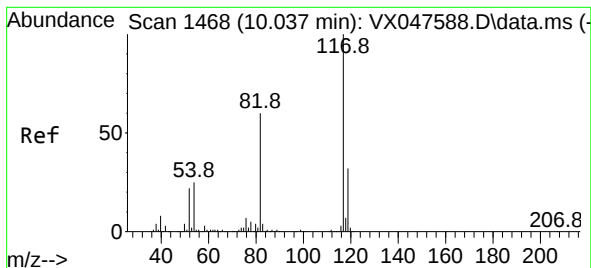
Tgt Ion: 63 Resp: 52
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#62
4-Bromofluorobenzene
Concen: 52.035 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Tgt Ion: 95 Resp: 119574
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.6
176 71.0 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: VX047816.D

Acq: 25 Sep 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-5-20250917

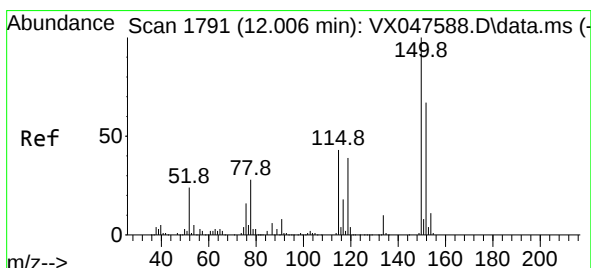
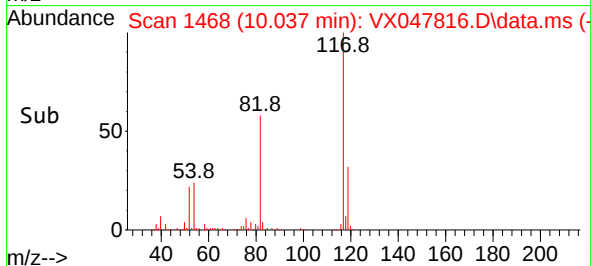
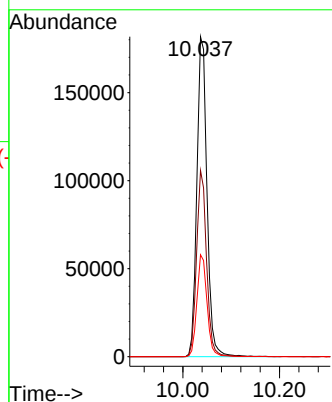
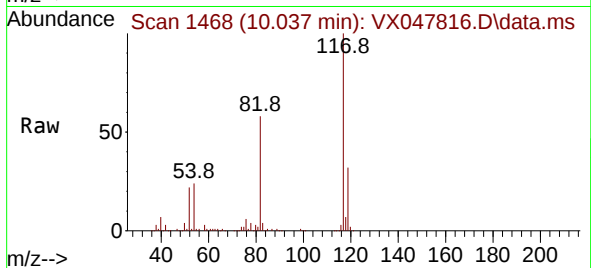
Tgt Ion:117 Resp: 263550

Ion Ratio Lower Upper

117 100

82 58.2 47.8 71.6

119 31.9 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047816.D

Acq: 25 Sep 2025 16:42

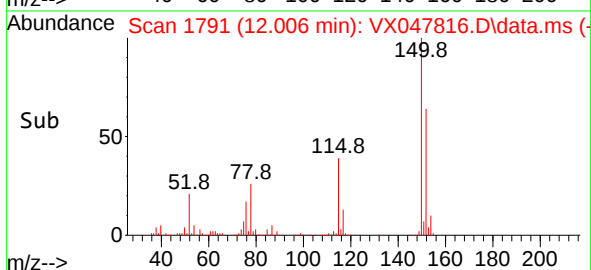
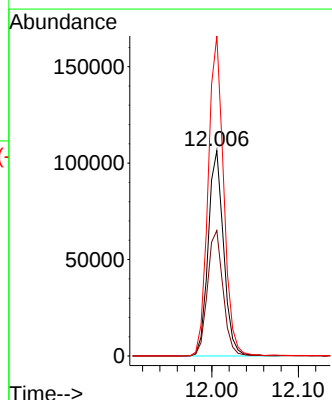
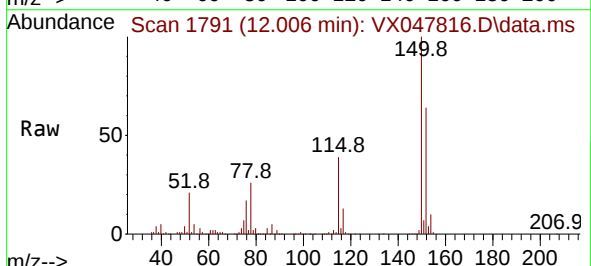
Tgt Ion:152 Resp: 131658

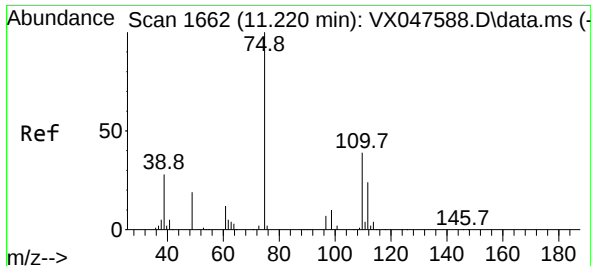
Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 156.6 0.0 352.0

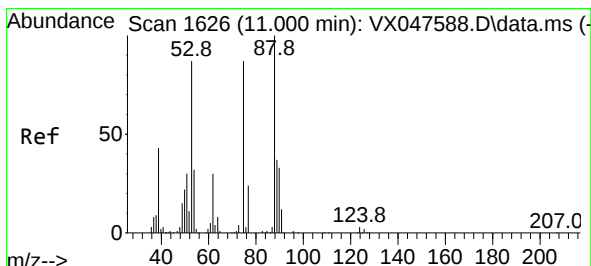
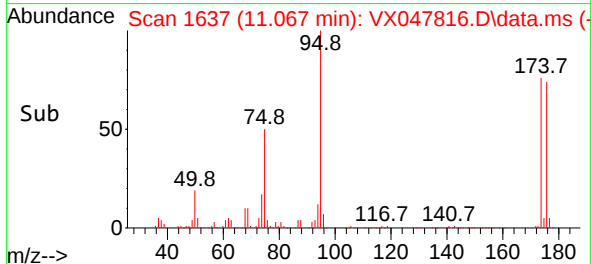
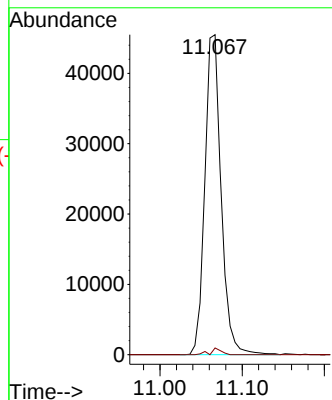
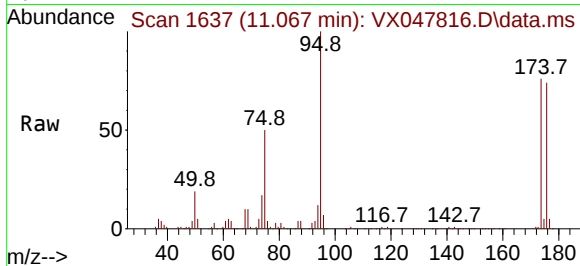




#76
1,2,3-Trichloropropane
Concen: 23.463 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. -0.153 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

Tgt Ion: 75 Resp: 62544
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.834 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.067 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Tgt Ion: 75 Resp: 62544
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

