

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048432.D
 Acq On : 31 Oct 2025 15:08
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 31 23:06:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

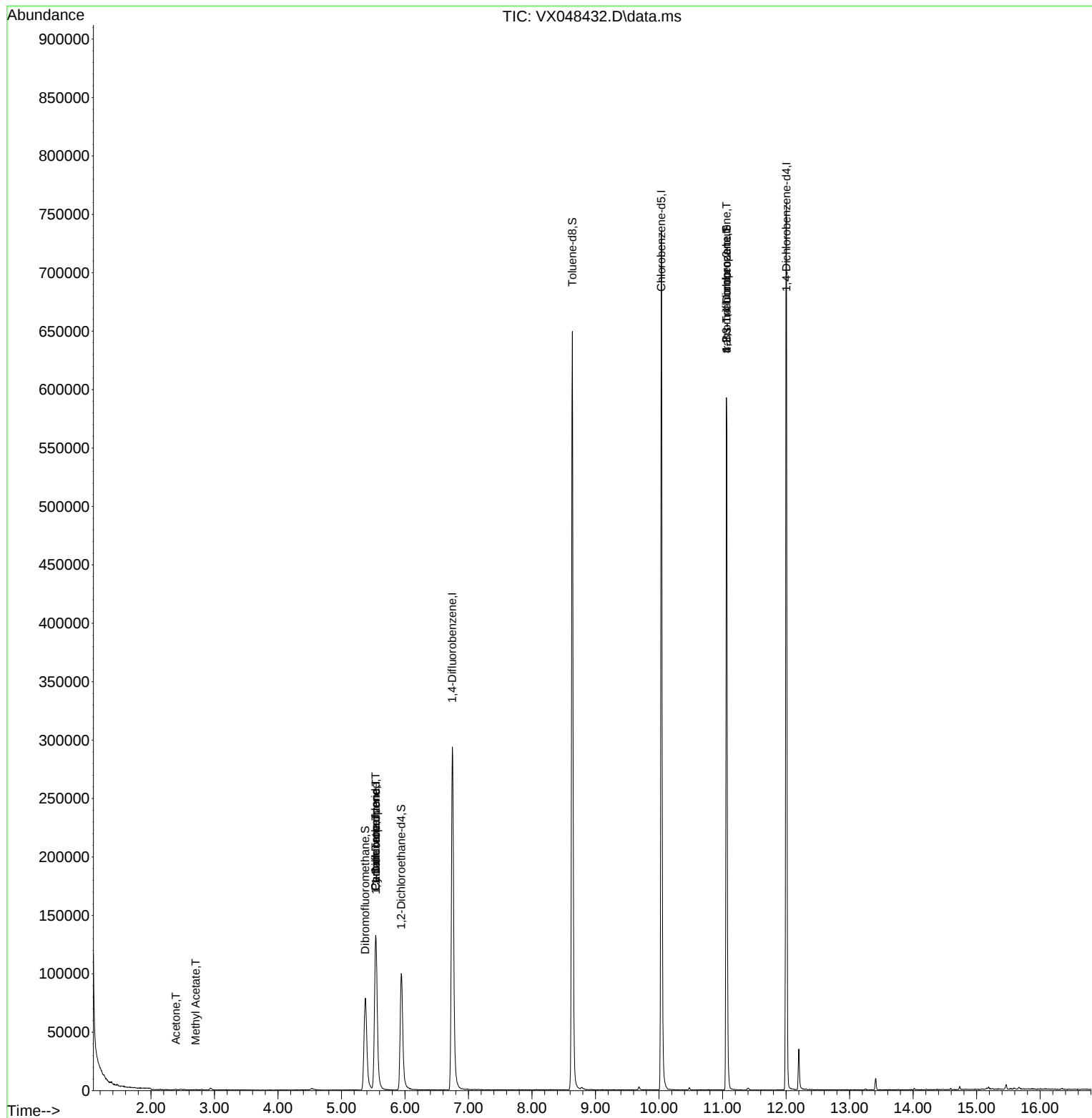
Internal Standards						
1) Pentafluorobenzene	5.538	168	142473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	328670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	340984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	174424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108913	53.155	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.300%		
35) Dibromofluoromethane	5.373	113	80286	42.845	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 85.680%		
50) Toluene-d8	8.635	98	404224	48.868	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.740%		
62) 4-Bromofluorobenzene	11.061	95	175220	56.627	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 113.260%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	610	1.314	ug/l #	62
18) Methyl Acetate	2.703	43	429	0.276	ug/l #	54
31) Cyclohexane	5.538	56	2707	0.956	ug/l #	5
36) 1,1-Dichloropropene	5.544	75	10537	3.348	ug/l #	49
38) Carbon Tetrachloride	5.538	117	14229	3.916	ug/l #	15
76) 1,2,3-Trichloropropane	11.061	75	85889	34.240	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	85889	118.491	ug/l #	10

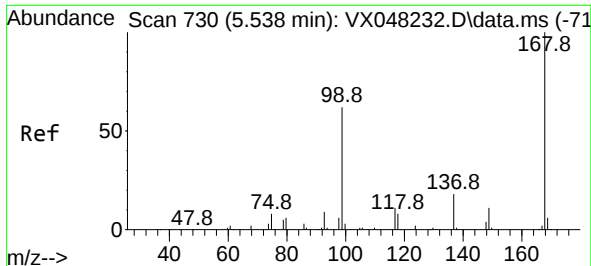
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
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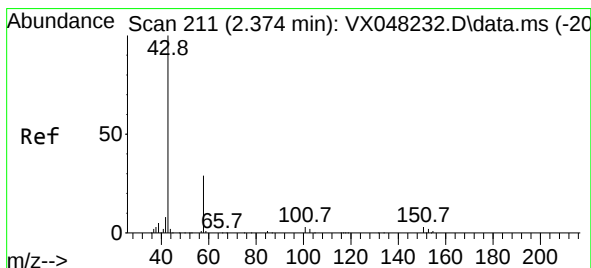
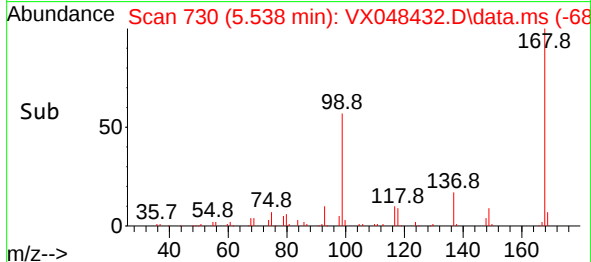
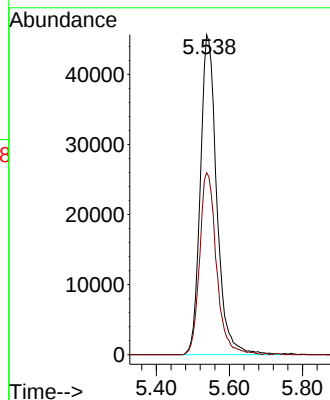
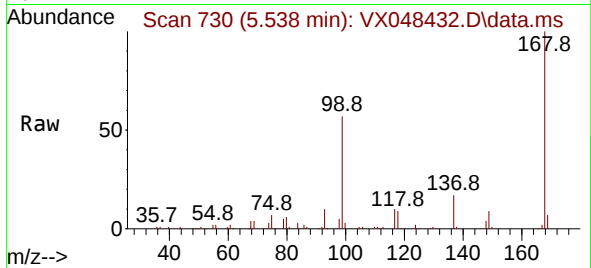




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048432.D
Acq: 31 Oct 2025 15:08

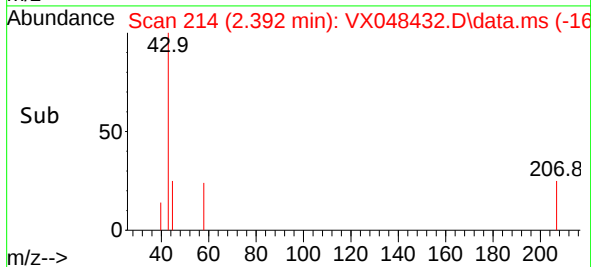
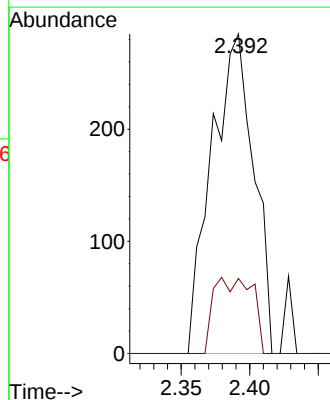
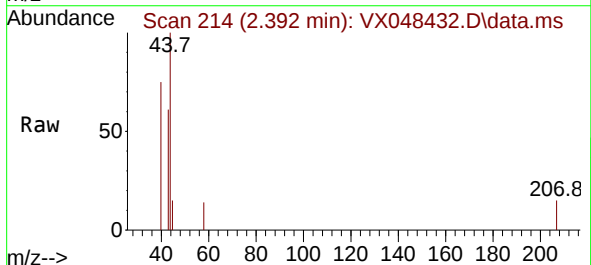
Instrument :
MSVOA_X
ClientSampleId :
IBLK

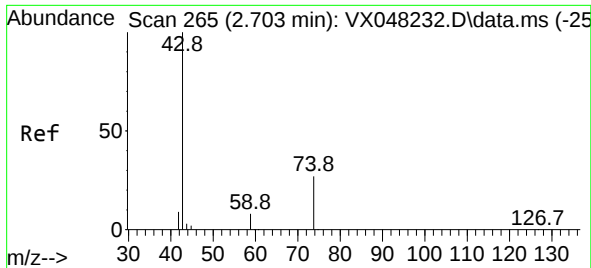
Tgt Ion:168 Resp: 142473
Ion Ratio Lower Upper
168 100
99 56.9 46.4 69.6



#16
Acetone
Concen: 1.314 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX048432.D
Acq: 31 Oct 2025 15:08

Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
58 8.9 23.4 35.2#

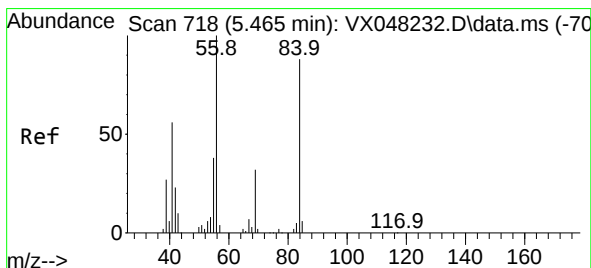
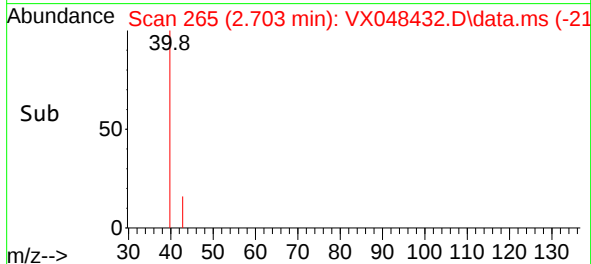
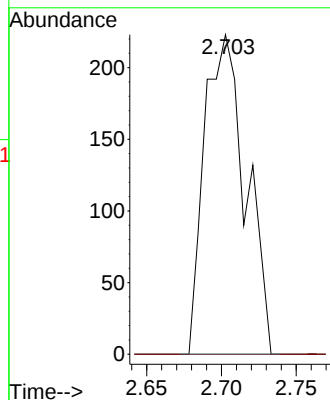
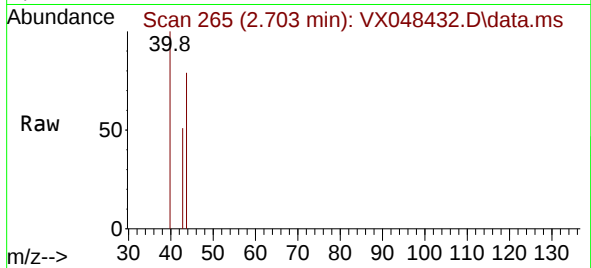




#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048432.D
Acq: 31 Oct 2025 15:08

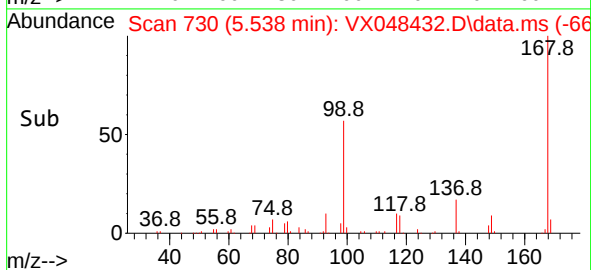
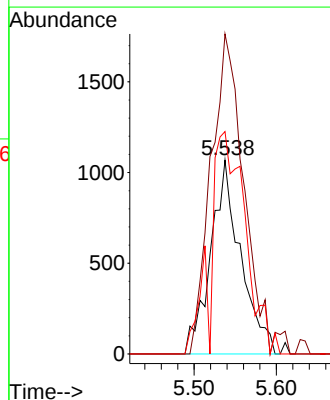
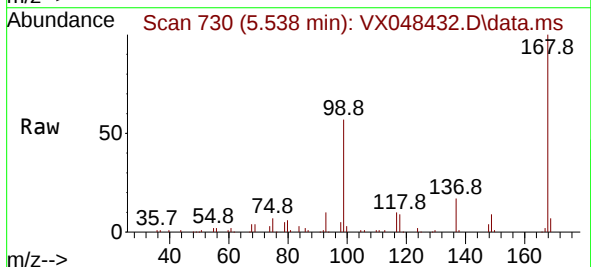
Instrument :
MSVOA_X
ClientSampleId :
IBLK

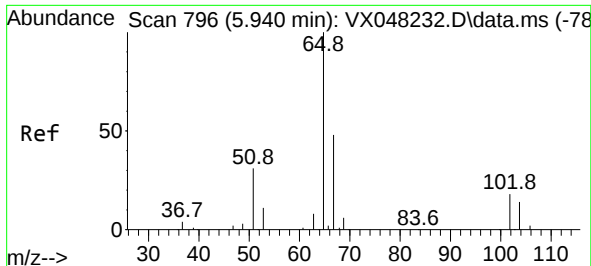
Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 0.956 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX048432.D
Acq: 31 Oct 2025 15:08

Tgt Ion: 56 Resp: 2707
Ion Ratio Lower Upper
56 100
69 165.0 23.0 34.6#
84 114.7 64.6 97.0#

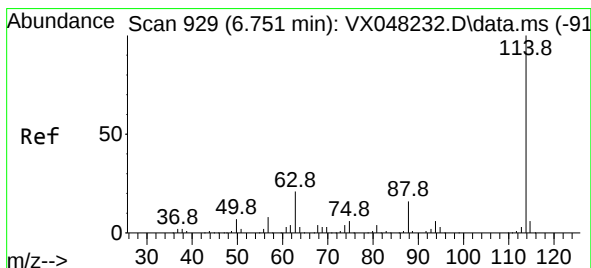
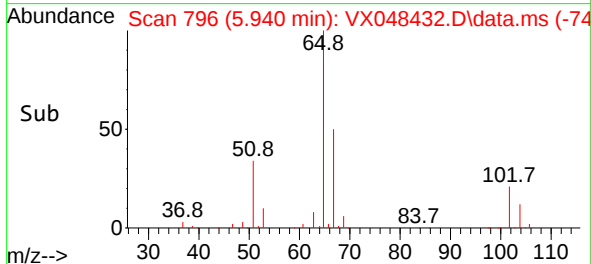
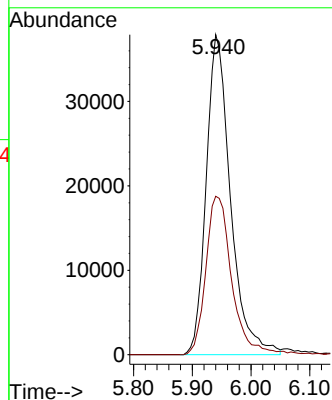
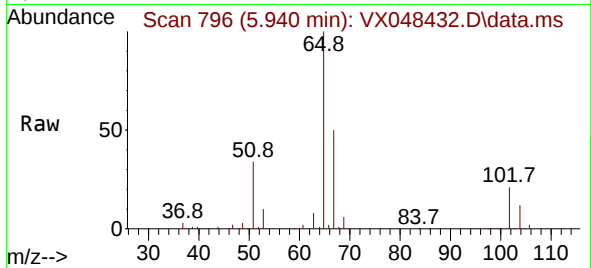




#33
 1,2-Dichloroethane-d4
 Concen: 53.155 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048432.D
 Acq: 31 Oct 2025 15:08

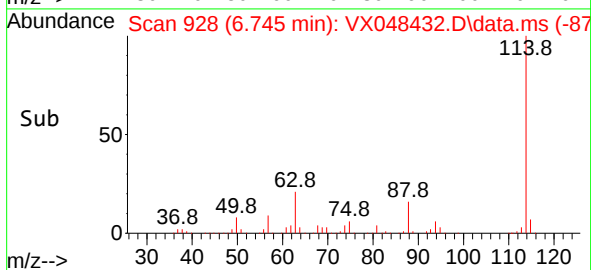
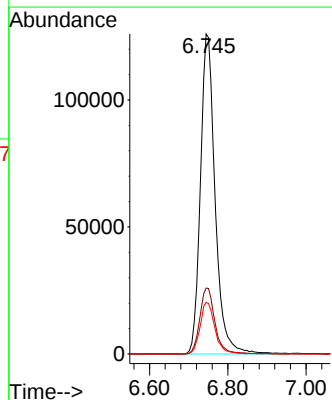
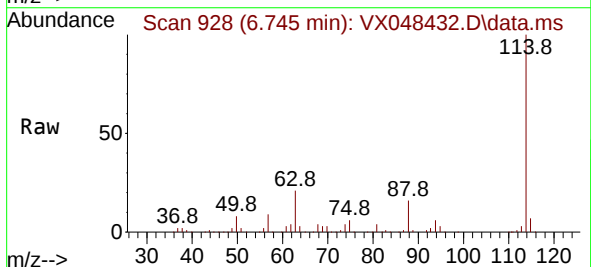
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

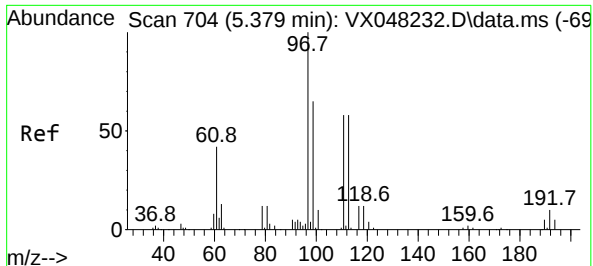
Tgt Ion: 65 Resp: 108913
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048432.D
 Acq: 31 Oct 2025 15:08

Tgt Ion: 114 Resp: 328670
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 16.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 42.845 ug/l

RT: 5.373 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX048432.D

Acq: 31 Oct 2025 15:08

Instrument :

MSVOA_X

ClientSampleId :

IBLK

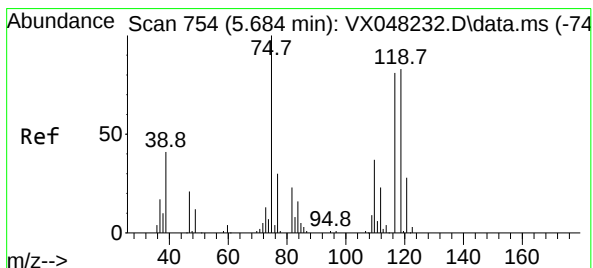
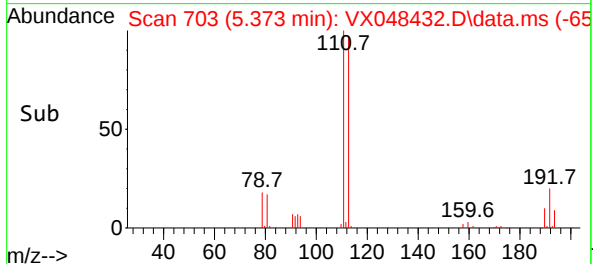
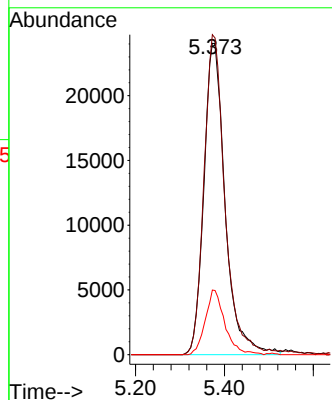
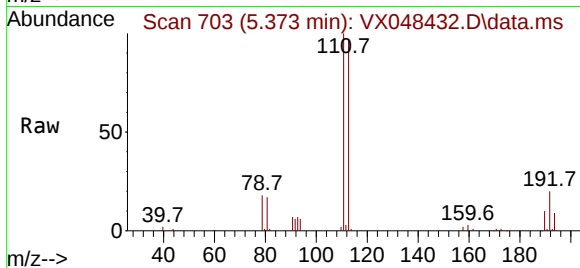
Tgt Ion:113 Resp: 80286

Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

192 19.1 15.1 22.7



#36

1,1-Dichloropropene

Concen: 3.348 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX048432.D

Acq: 31 Oct 2025 15:08

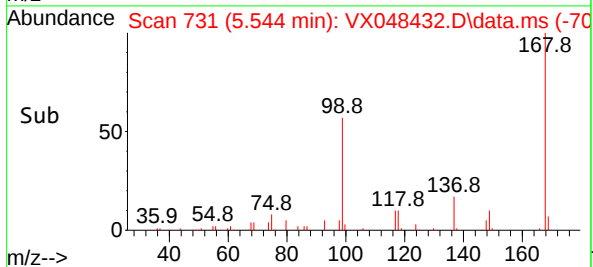
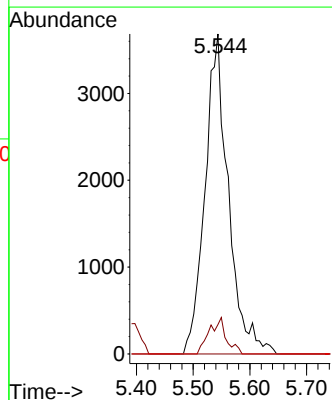
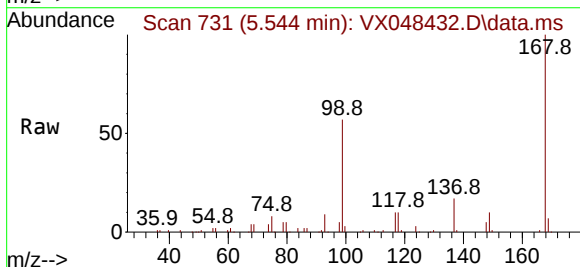
Tgt Ion: 75 Resp: 10537

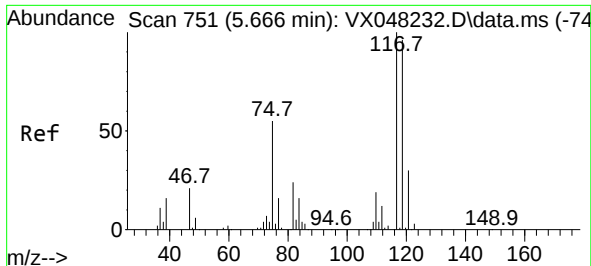
Ion Ratio Lower Upper

75 100

110 8.3 17.7 53.1#

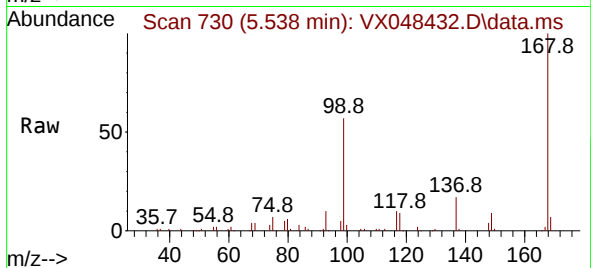
77 0.0 24.3 36.5#



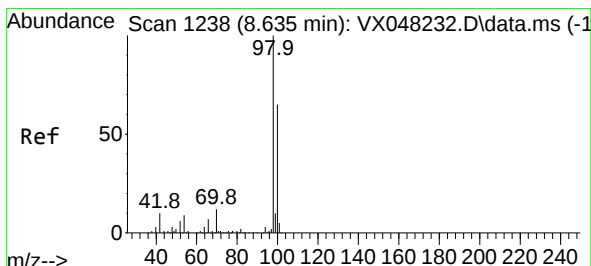
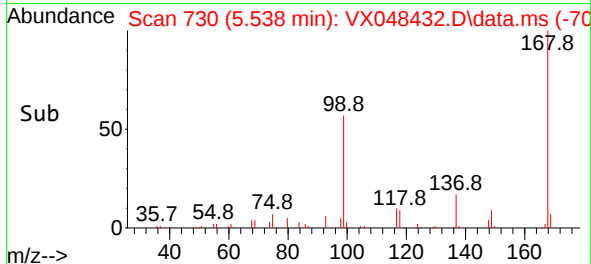
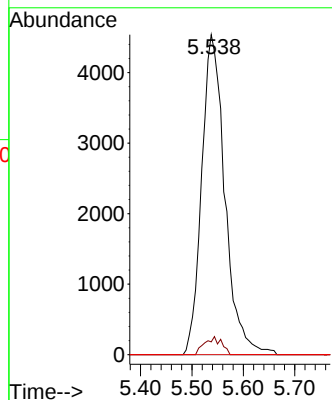


#38
Carbon Tetrachloride
Concen: 3.916 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048432.D
Acq: 31 Oct 2025 15:08

Instrument :
MSVOA_X
ClientSampleId :
IBLK

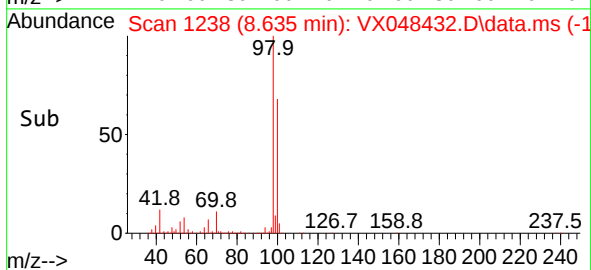
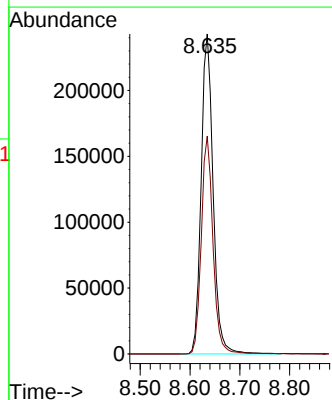
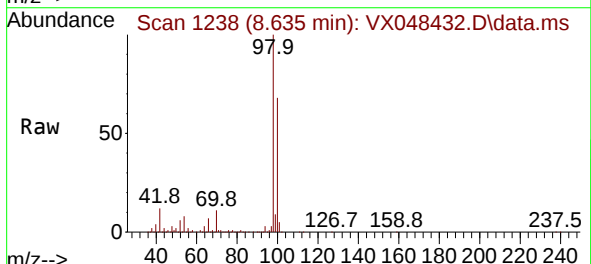


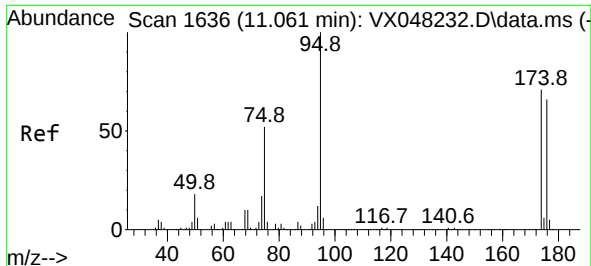
Tgt Ion:117 Resp: 14229
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.868 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048432.D
Acq: 31 Oct 2025 15:08

Tgt Ion: 98 Resp: 404224
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 56.627 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048432.D

Acq: 31 Oct 2025 15:08

Instrument :

MSVOA_X

ClientSampleId :

IBLK

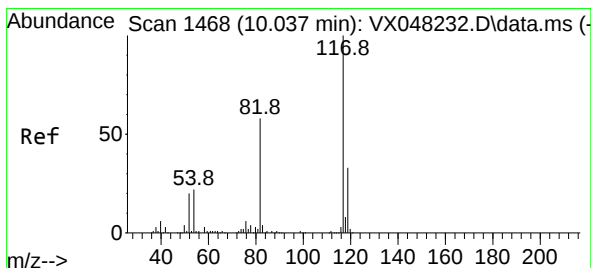
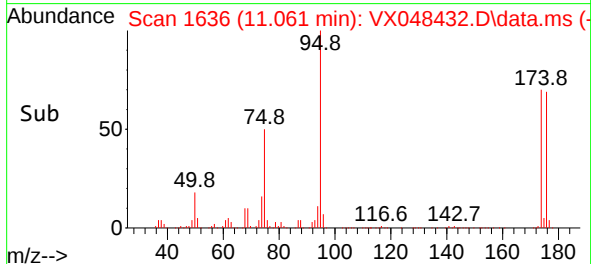
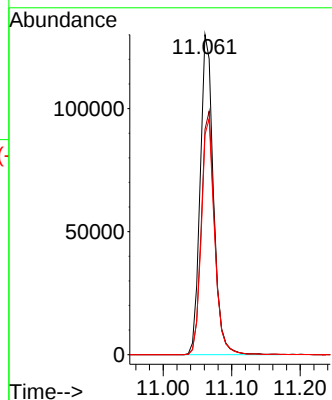
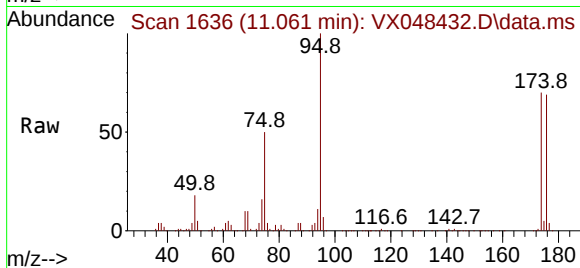
Tgt Ion: 95 Resp: 175220

Ion Ratio Lower Upper

95 100

174 76.5 0.0 147.8

176 73.8 0.0 142.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048432.D

Acq: 31 Oct 2025 15:08

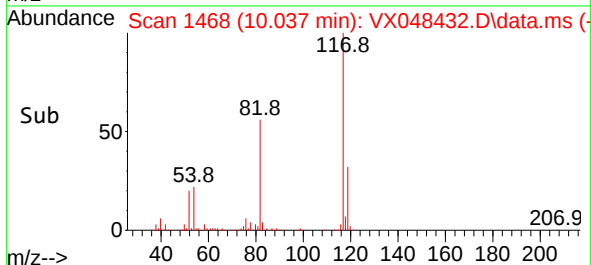
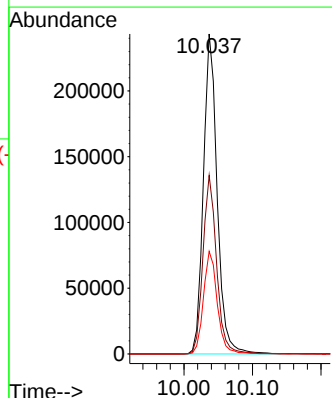
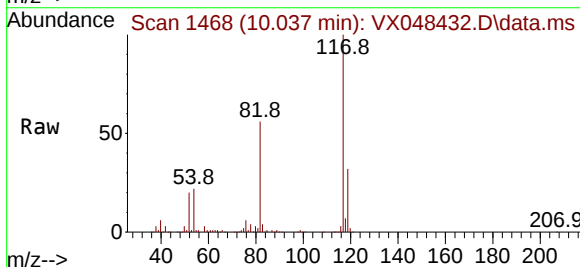
Tgt Ion: 117 Resp: 340984

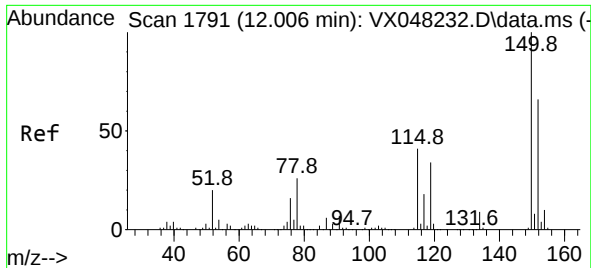
Ion Ratio Lower Upper

117 100

82 55.8 46.5 69.7

119 32.1 25.9 38.9

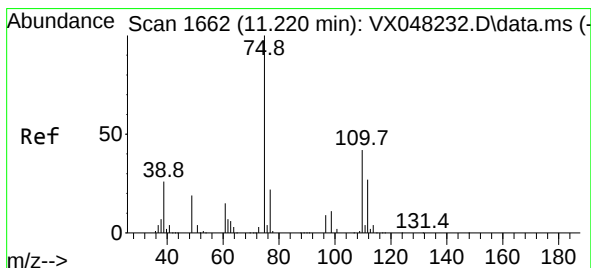
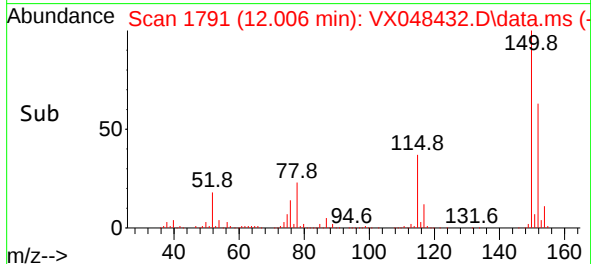
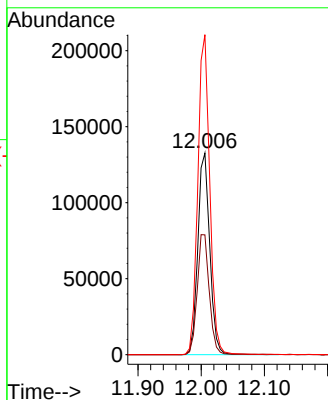
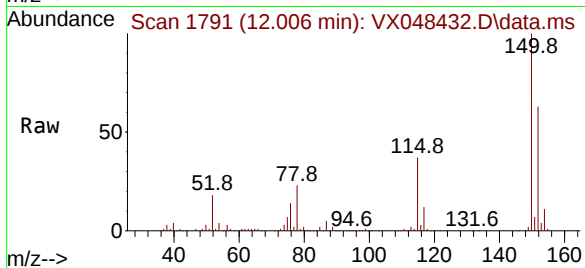




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048432.D
 Acq: 31 Oct 2025 15:08

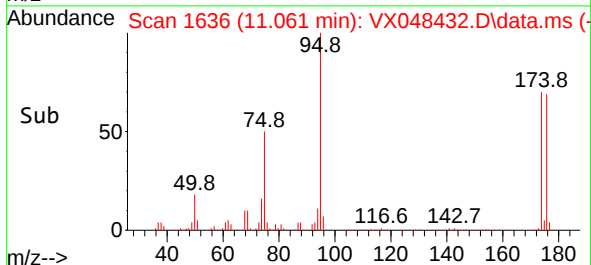
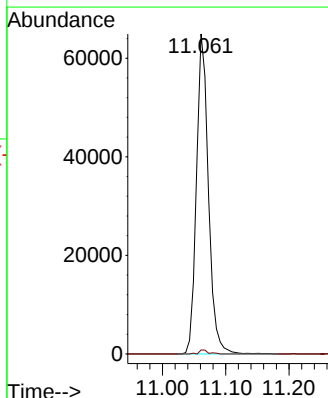
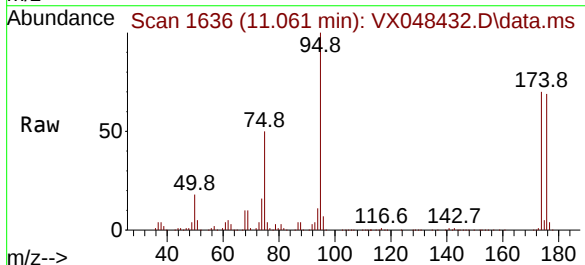
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

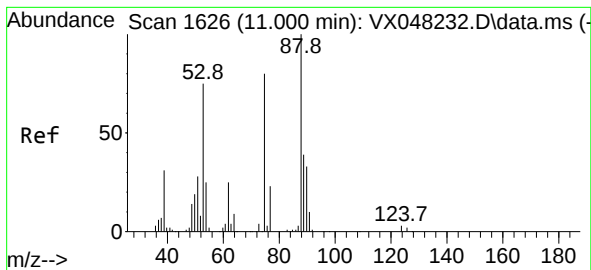
Tgt Ion:152 Resp: 174424
 Ion Ratio Lower Upper
 152 100
 115 60.2 43.1 129.4
 150 158.4 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 34.240 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048432.D
 Acq: 31 Oct 2025 15:08

Tgt Ion: 75 Resp: 85889
 Ion Ratio Lower Upper
 75 100
 77 1.0 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.491 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048432.D
 Acq: 31 Oct 2025 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 85889
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 36.8 55.2#

