

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048546.D
 Acq On : 10 Nov 2025 17:30
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 11 00:50:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

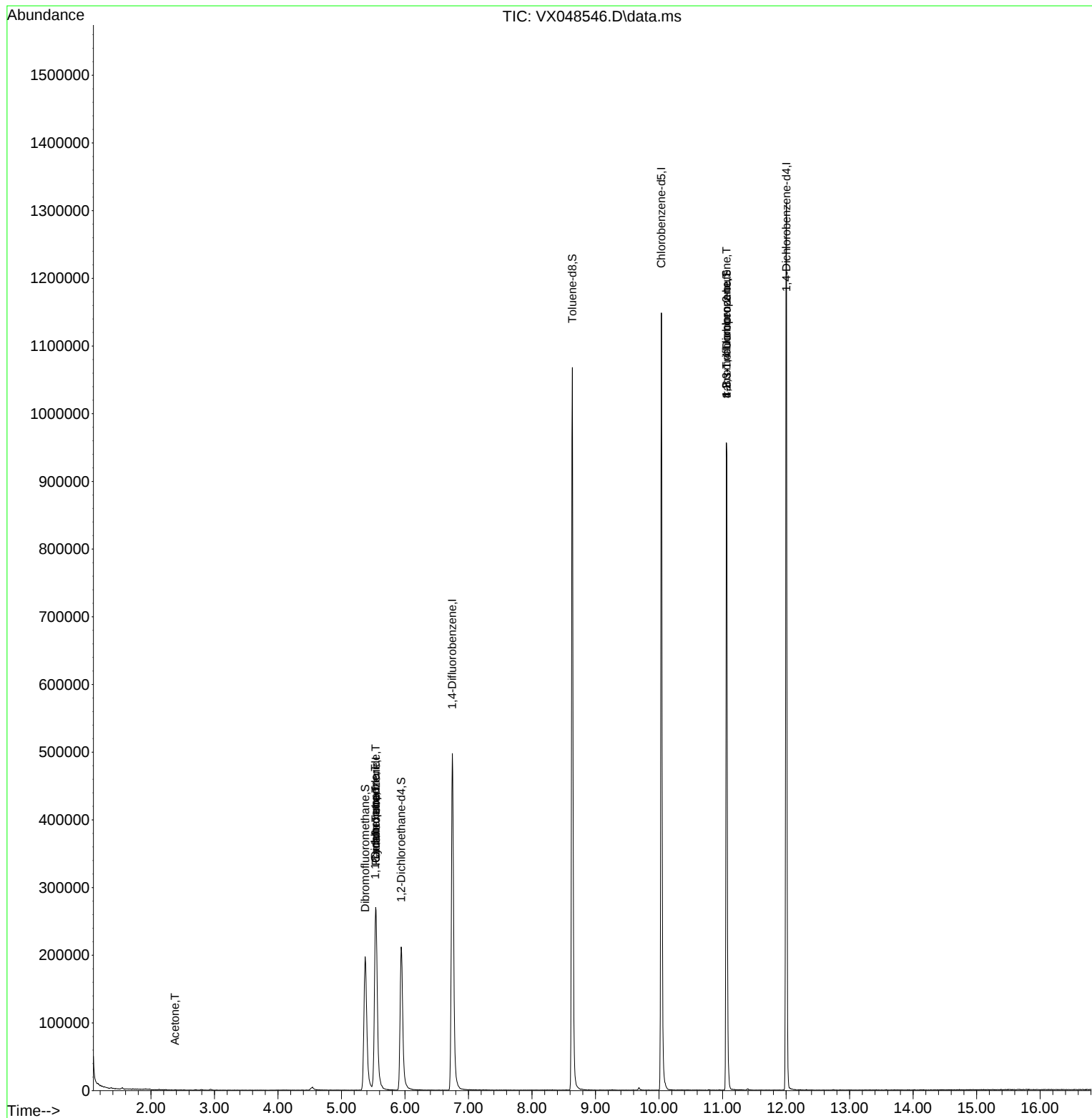
Internal Standards						
1) Pentafluorobenzene	5.544	168	298230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	566086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	545923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	295868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	232567	55.965	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 111.920%		
35) Dibromofluoromethane	5.373	113	200442	46.783	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.560%		
50) Toluene-d8	8.635	98	670164	50.152	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.300%		
62) 4-Bromofluorobenzene	11.061	95	283856	57.001	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.000%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	963	0.490	ug/l #	88
31) Cyclohexane	5.538	56	5335	0.956	ug/l #	1
36) 1,1-Dichloropropene	5.532	75	22070	3.847	ug/l #	45
38) Carbon Tetrachloride	5.538	117	28338	4.339	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	140710	19.741	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	140710	56.465	ug/l #	12

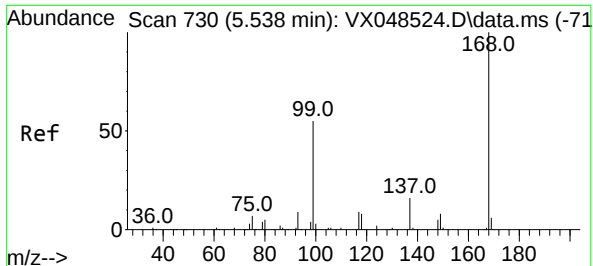
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX048546.D

Acq: 10 Nov 2025 17:30

Instrument :

MSVOA_X

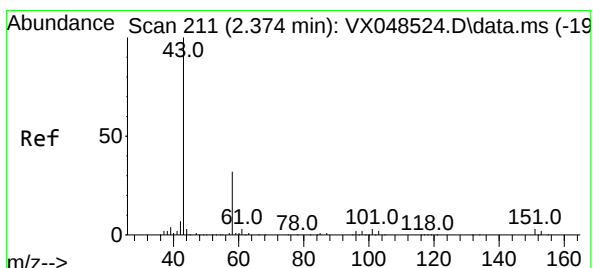
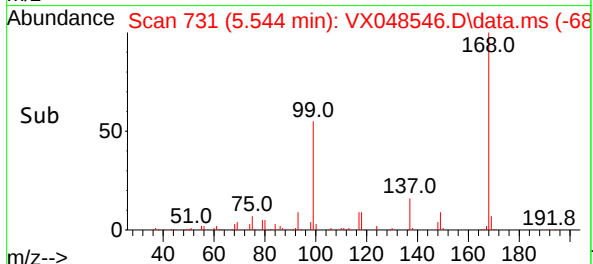
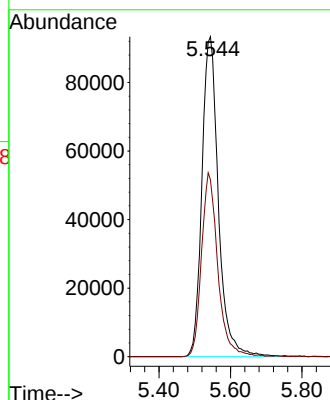
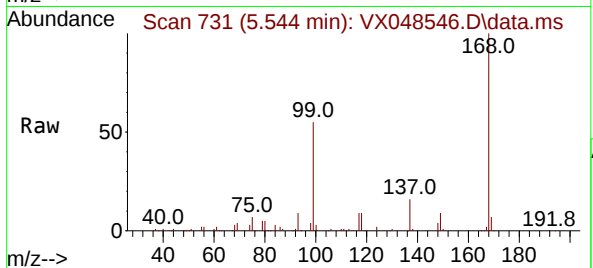
ClientSampleId :

Tgt Ion:168 Resp: 298230

Ion Ratio Lower Upper

168 100

99 55.3 45.2 67.8



#16

Acetone

Concen: 0.490 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX048546.D

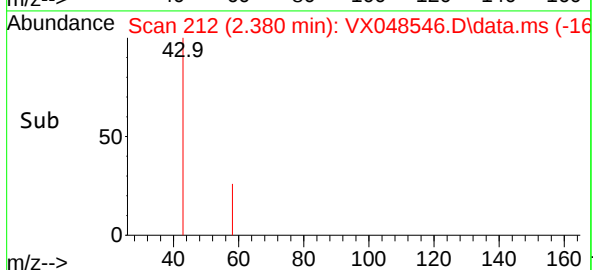
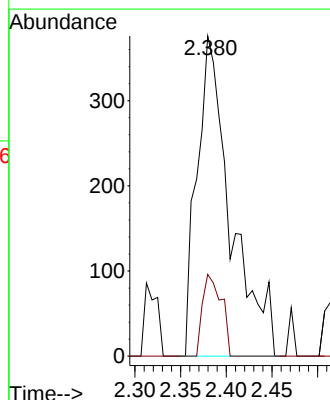
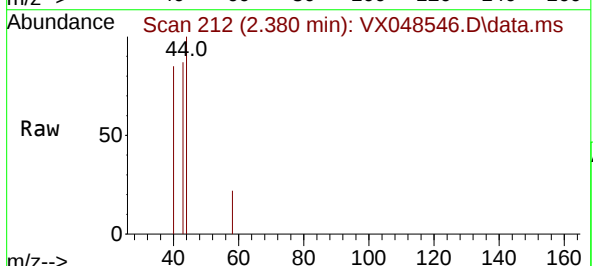
Acq: 10 Nov 2025 17:30

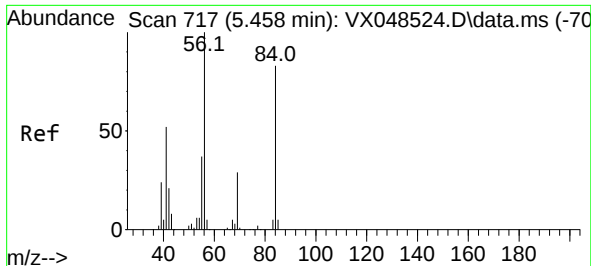
Tgt Ion: 43 Resp: 963

Ion Ratio Lower Upper

43 100

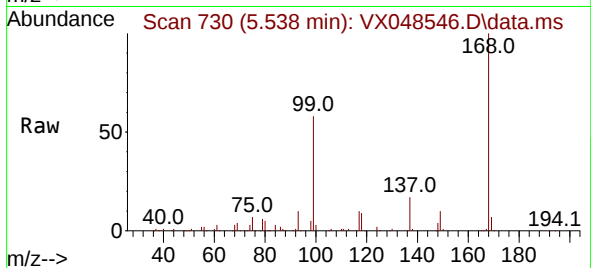
58 25.5 25.8 38.6#



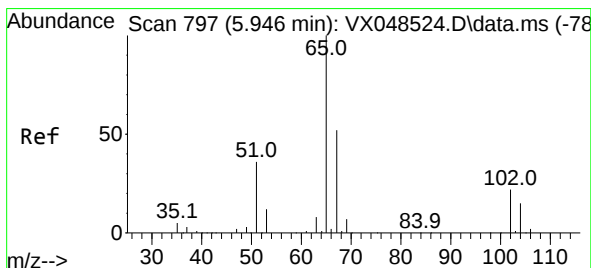
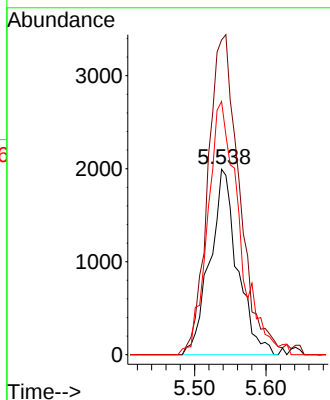
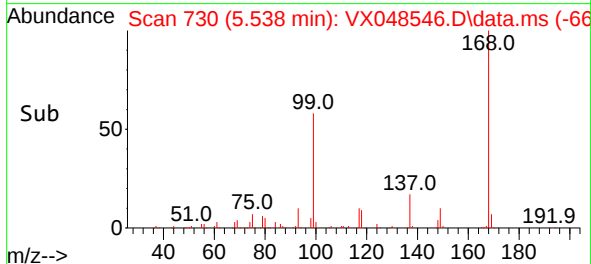


#31
Cyclohexane
Concen: 0.956 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX048546.D
Acq: 10 Nov 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :

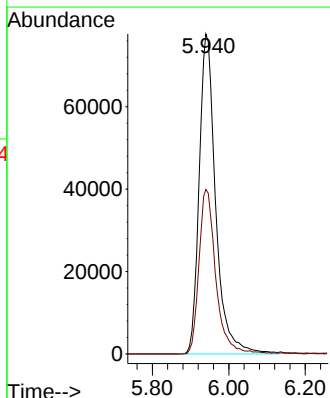
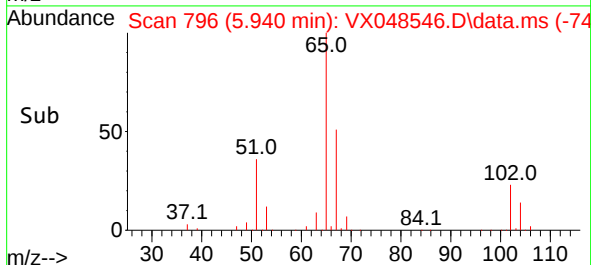
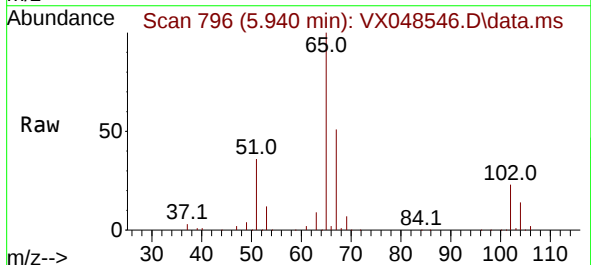


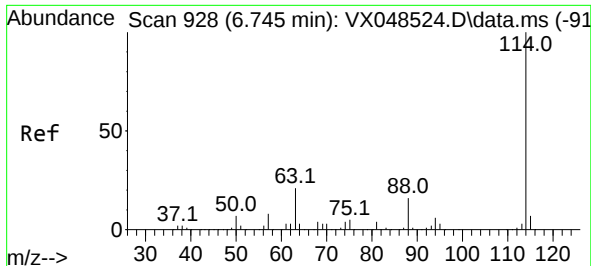
Tgt Ion: 56 Resp: 5335
Ion Ratio Lower Upper
56 100
69 169.8 23.4 35.2#
84 136.6 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 55.965 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048546.D
Acq: 10 Nov 2025 17:30

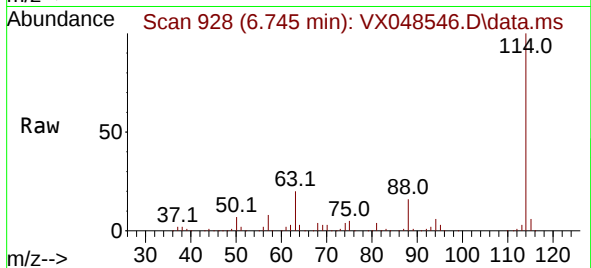
Tgt Ion: 65 Resp: 232567
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2



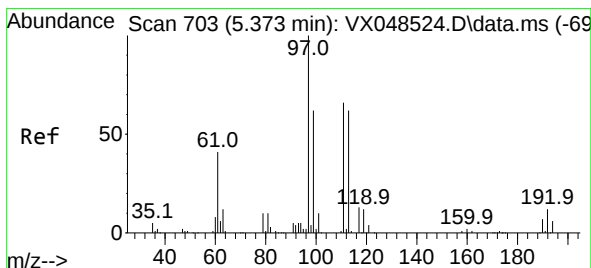
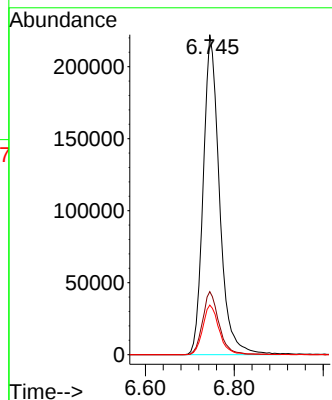
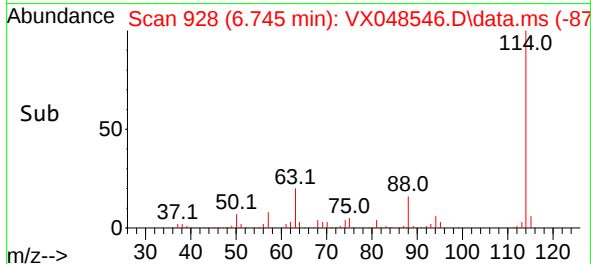


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048546.D
Acq: 10 Nov 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :

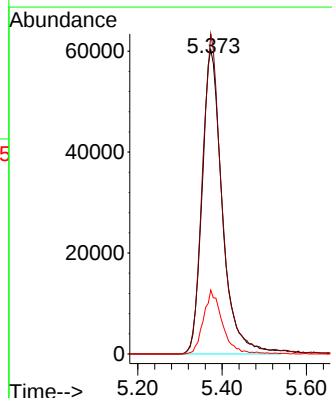
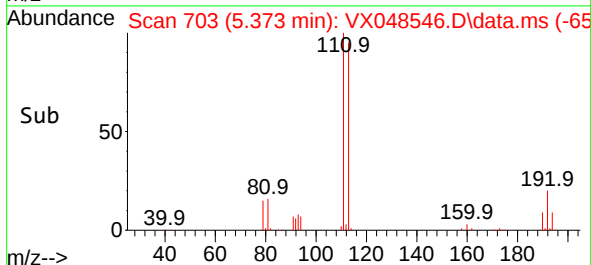
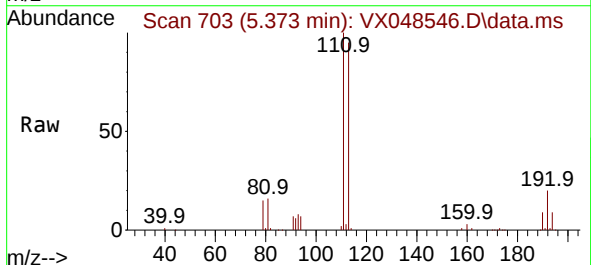


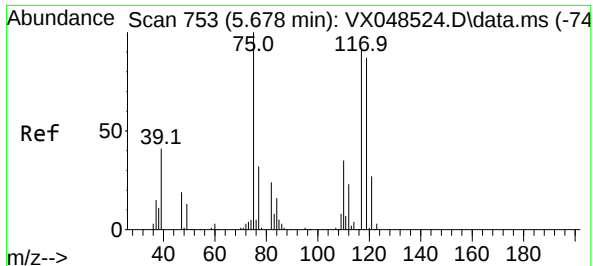
Tgt Ion:114 Resp: 566086
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.2
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.783 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048546.D
Acq: 10 Nov 2025 17:30

Tgt Ion:113 Resp: 200442
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.7 15.8 23.6





#36

1,1-Dichloropropene

Concen: 3.847 ug/l

RT: 5.532 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX048546.D

Acq: 10 Nov 2025 17:30

Instrument :

MSVOA_X

ClientSampleId :

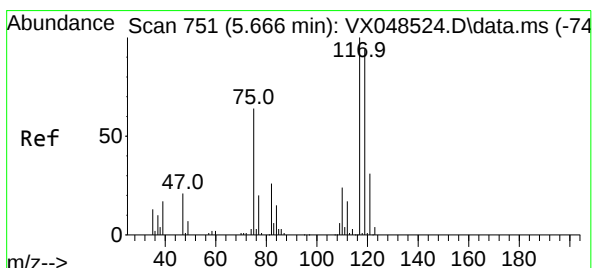
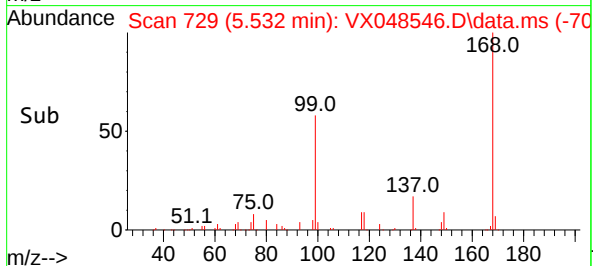
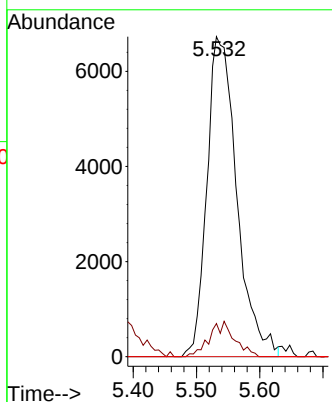
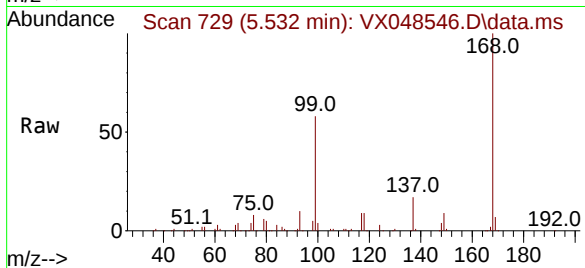
Tgt Ion: 75 Resp: 22070

Ion Ratio Lower Upper

75 100

110 4.6 18.4 55.4#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 4.339 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.128 min

Lab File: VX048546.D

Acq: 10 Nov 2025 17:30

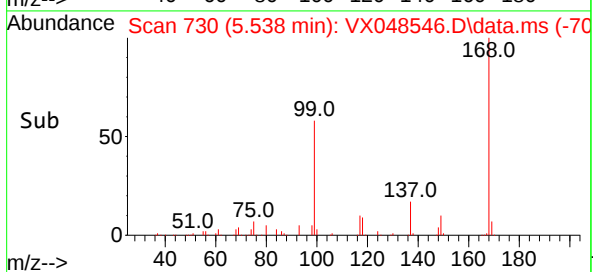
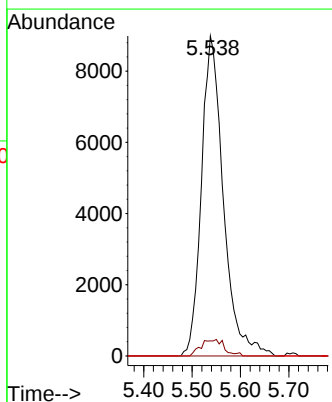
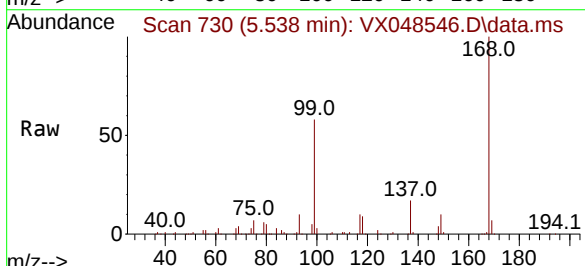
Tgt Ion: 117 Resp: 28338

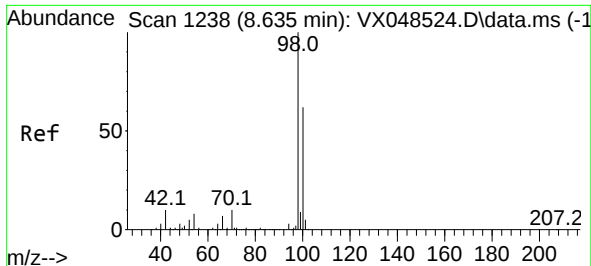
Ion Ratio Lower Upper

117 100

119 4.7 74.5 111.7#

121 0.0 24.8 37.2#

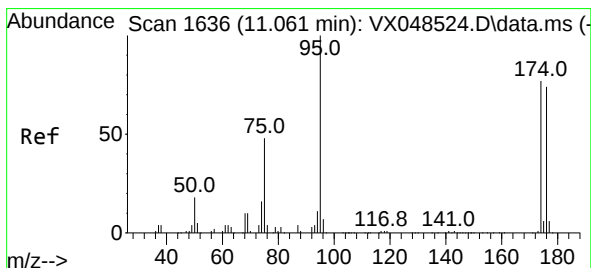
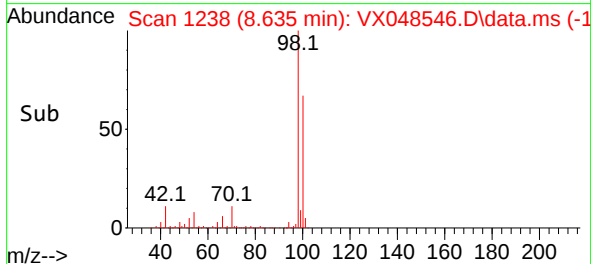
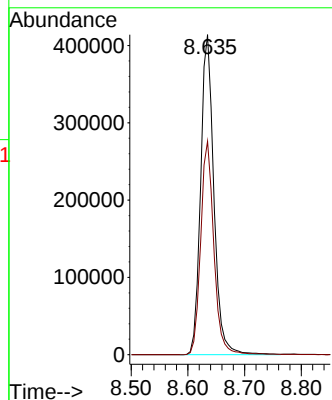
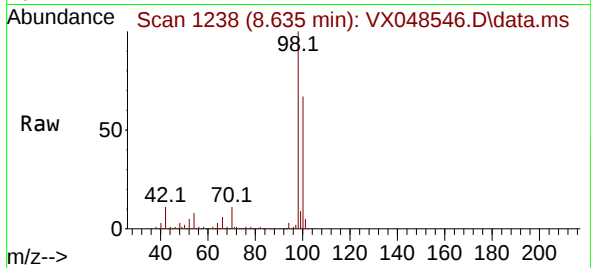




#50
Toluene-d8
Concen: 50.152 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048546.D
Acq: 10 Nov 2025 17:30

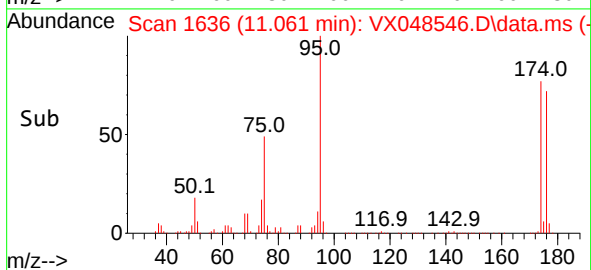
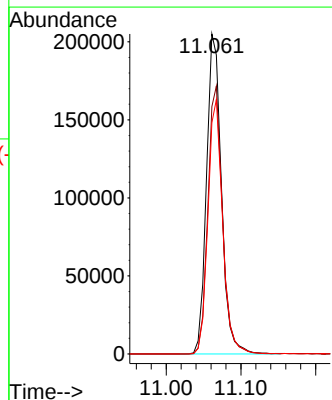
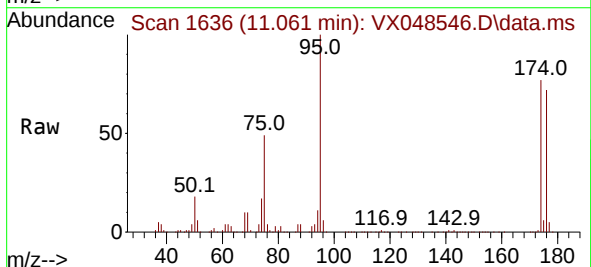
Instrument :
MSVOA_X
ClientSampleId :

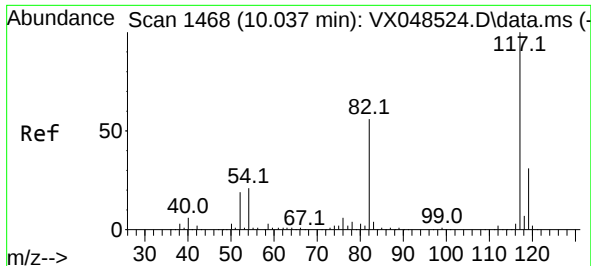
Tgt Ion: 98 Resp: 670164
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 57.001 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048546.D
Acq: 10 Nov 2025 17:30

Tgt Ion: 95 Resp: 283856
Ion Ratio Lower Upper
95 100
174 82.7 0.0 161.8
176 78.4 0.0 153.6

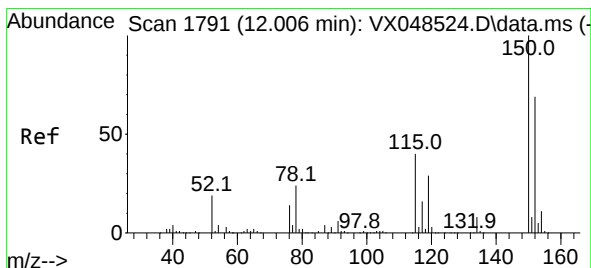
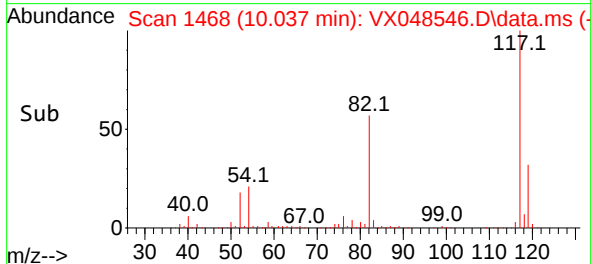
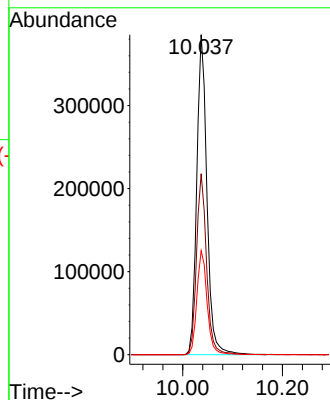
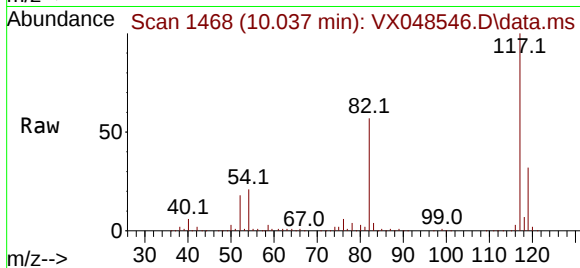




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048546.D
Acq: 10 Nov 2025 17:30

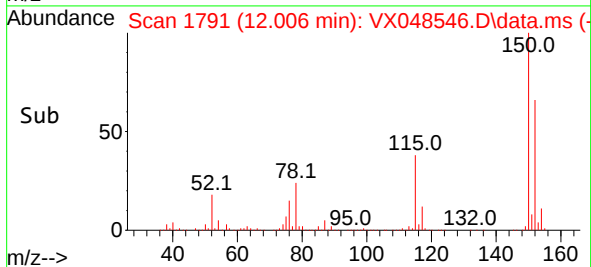
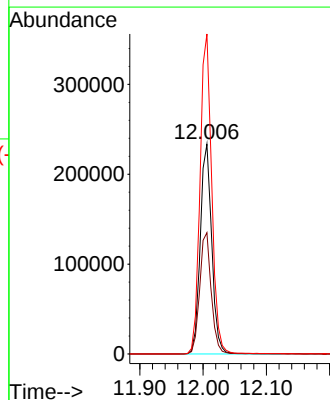
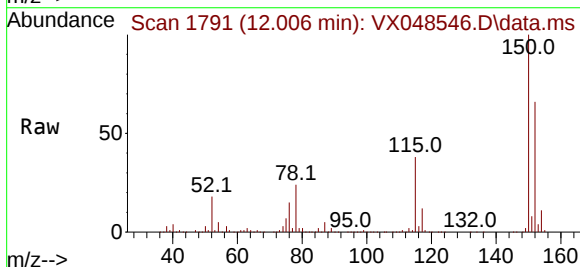
Instrument :
MSVOA_X
ClientSampleId :

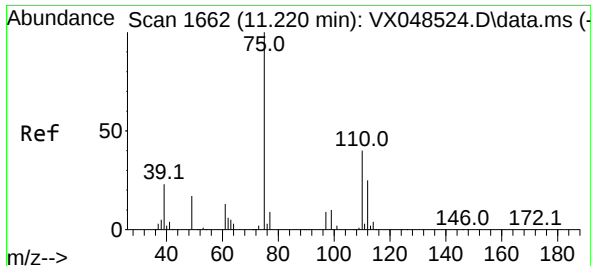
Tgt Ion:117 Resp: 545923
Ion Ratio Lower Upper
117 100
82 56.6 44.4 66.6
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048546.D
Acq: 10 Nov 2025 17:30

Tgt Ion:152 Resp: 295868
Ion Ratio Lower Upper
152 100
115 58.2 39.2 117.6
150 155.0 0.0 347.0

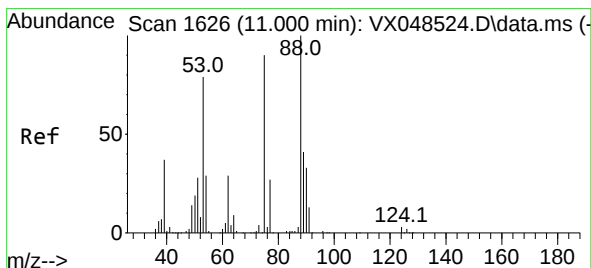
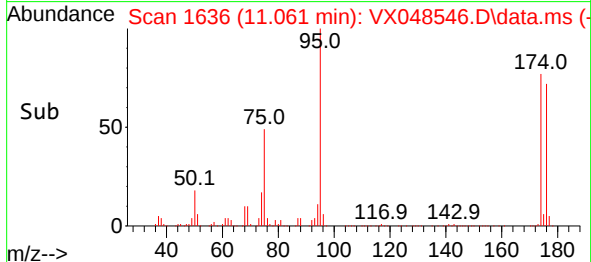
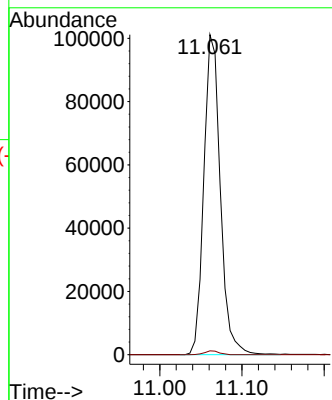
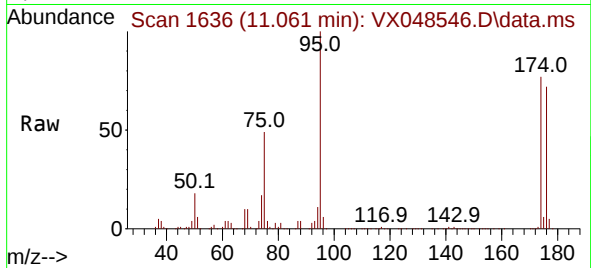




#76
1,2,3-Trichloropropane
Concen: 19.741 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048546.D
Acq: 10 Nov 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 140710
Ion Ratio Lower Upper
75 100
77 1.0 24.3 72.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.465 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048546.D
Acq: 10 Nov 2025 17:30

Tgt Ion: 75 Resp: 140710
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 43.6 65.4#

