

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048635.D
 Acq On : 20 Nov 2025 14:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 21 00:33:10 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)

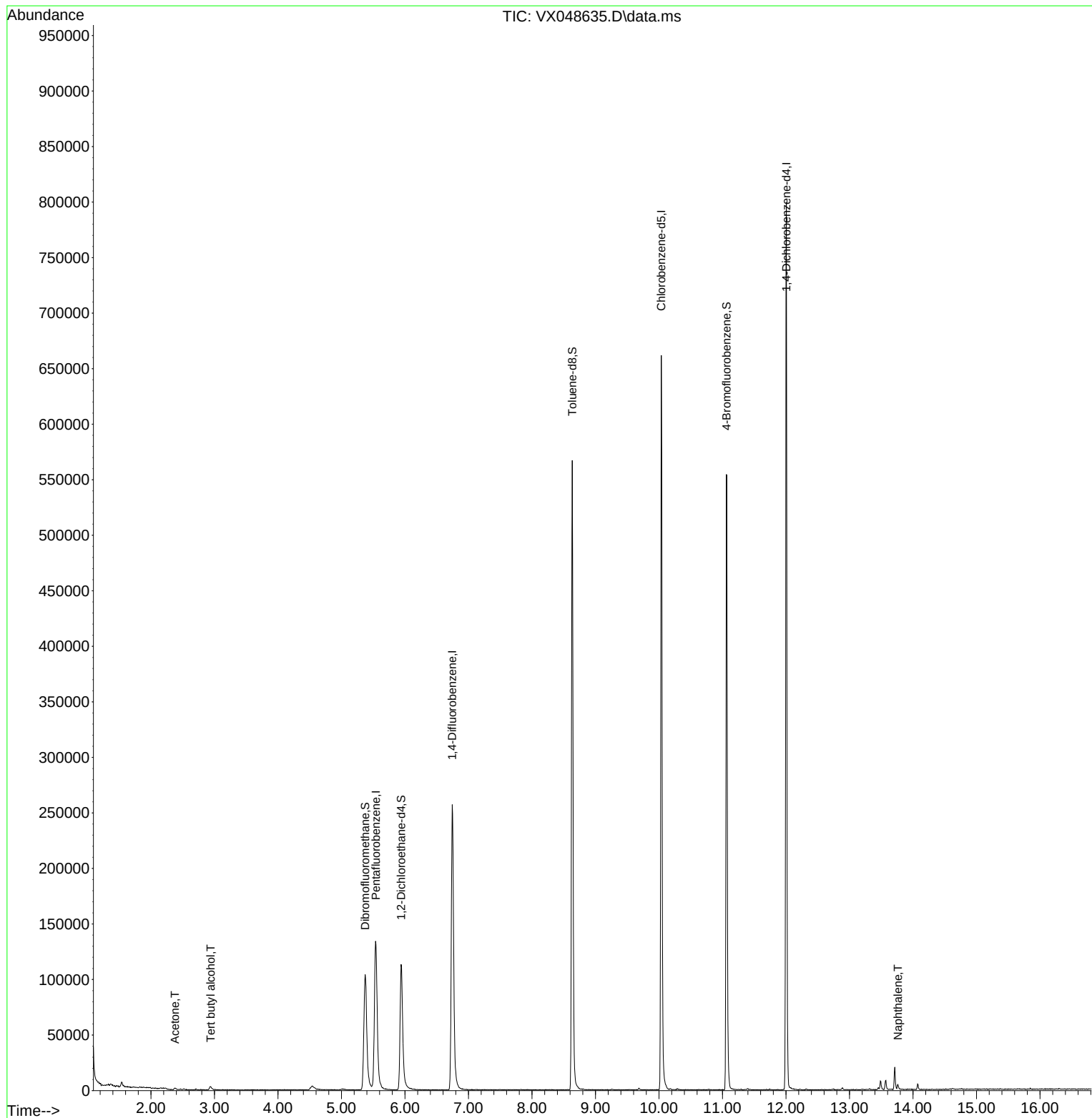
Internal Standards						
1) Pentafluorobenzene	5.543	168	142249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	288040	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	314669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	170056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	126609	63.875	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 127.760%#		
35) Dibromofluoromethane	5.373	113	106562	48.880	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.760%		
50) Toluene-d8	8.634	98	363316	53.435	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.860%		
62) 4-Bromofluorobenzene	11.061	95	162620	64.179	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 128.360%#		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.940	59	3574	9.516	ug/l	96
16) Acetone	2.379	43	2036	2.170	ug/l #	80
95) Naphthalene	13.762	128	3066	0.250	ug/l	96

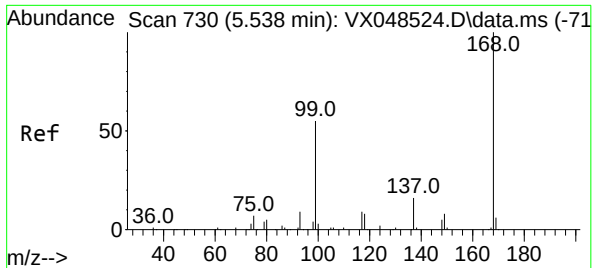
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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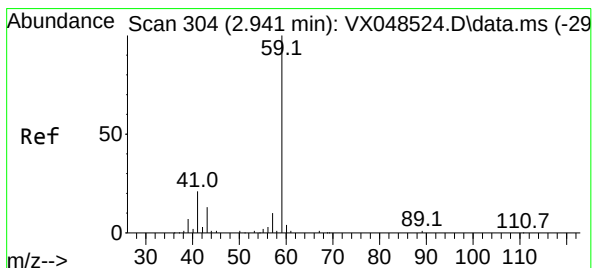
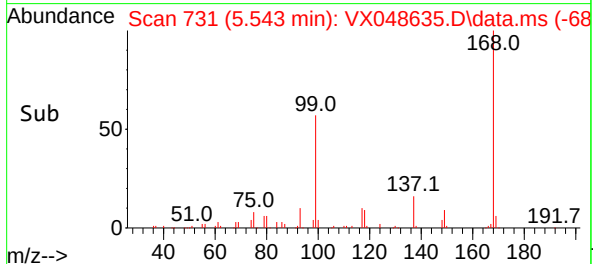
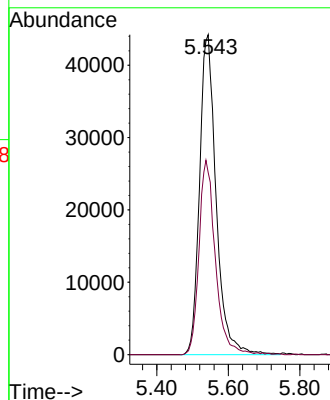
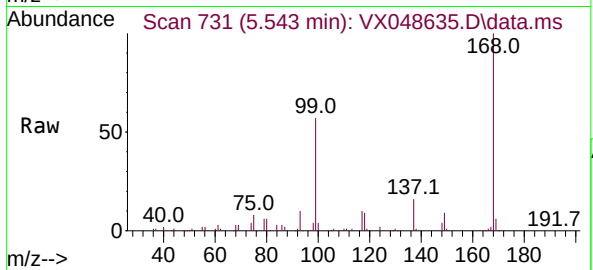




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX048635.D
Acq: 20 Nov 2025 14:09

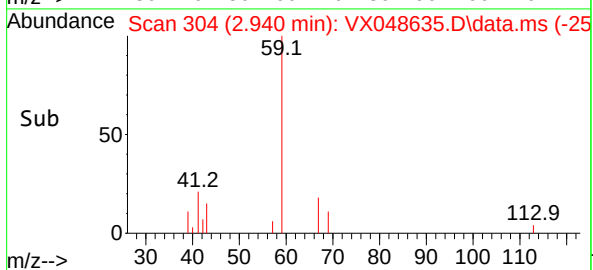
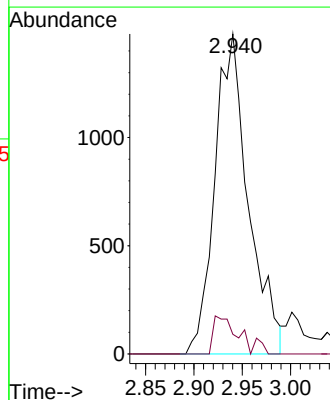
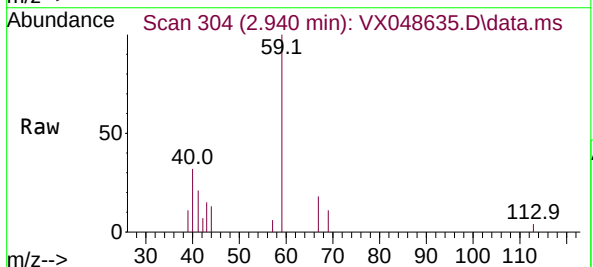
Instrument :
MSVOA_X
ClientSampleId :
IBLK

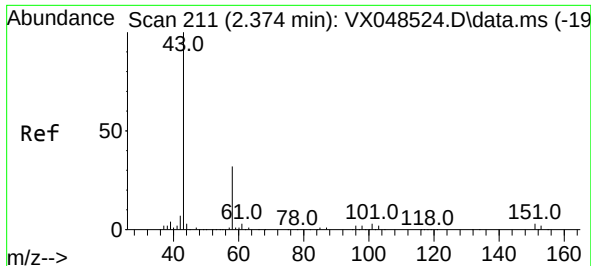
Tgt Ion:168 Resp: 142249
Ion Ratio Lower Upper
168 100
99 56.9 45.2 67.8



#11
Tert butyl alcohol
Concen: 9.516 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048635.D
Acq: 20 Nov 2025 14:09

Tgt Ion: 59 Resp: 3574
Ion Ratio Lower Upper
59 100
57 9.2 8.6 13.0

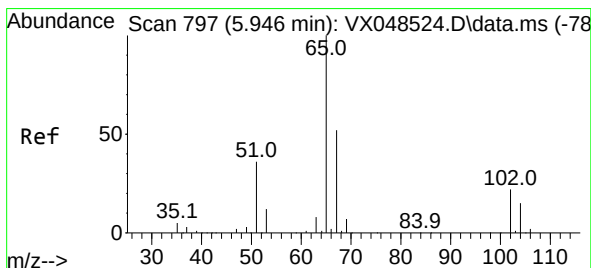
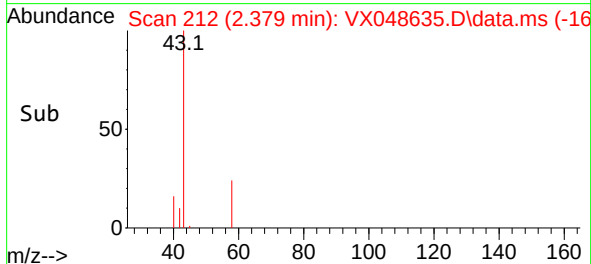
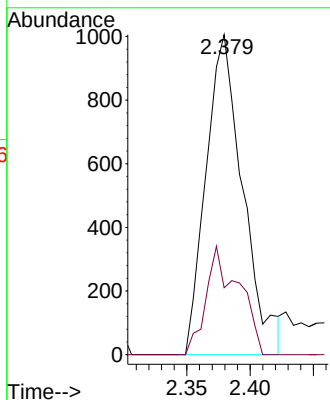
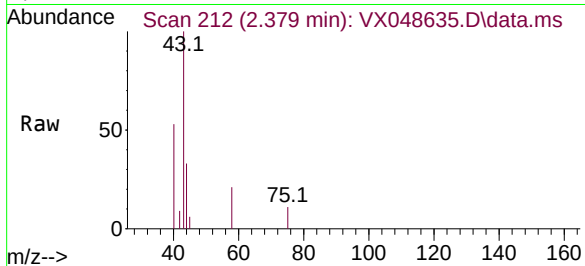




#16
Acetone
Concen: 2.170 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048635.D
Acq: 20 Nov 2025 14:09

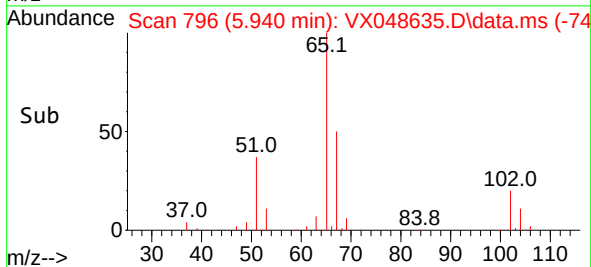
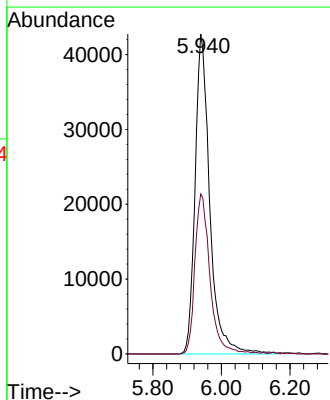
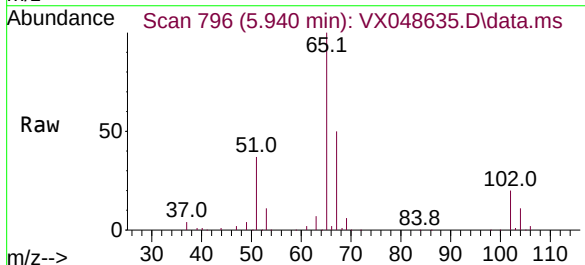
Instrument :
MSVOA_X
ClientSampleId :
IBLK

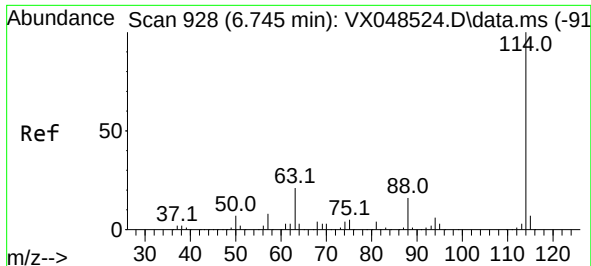
Tgt Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
58 20.9 25.8 38.6#



#33
1,2-Dichloroethane-d4
Concen: 63.875 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048635.D
Acq: 20 Nov 2025 14:09

Tgt Ion: 65 Resp: 126609
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.2

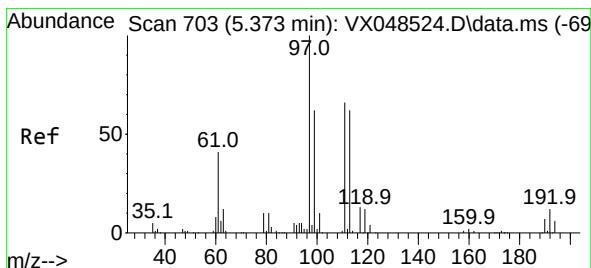
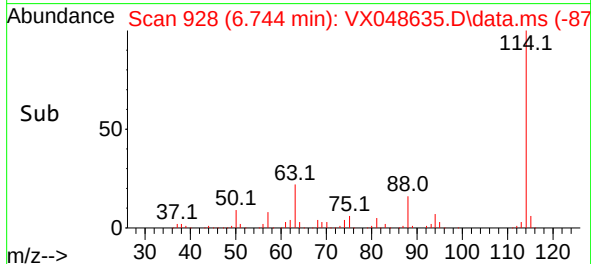
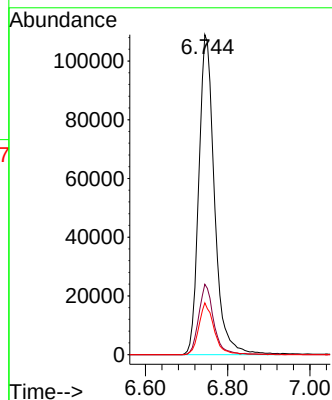
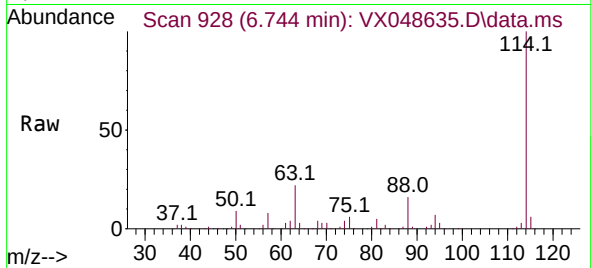




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048635.D
Acq: 20 Nov 2025 14:09

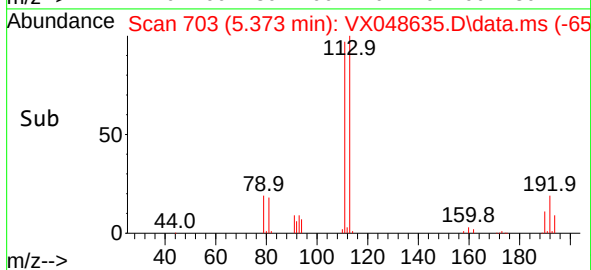
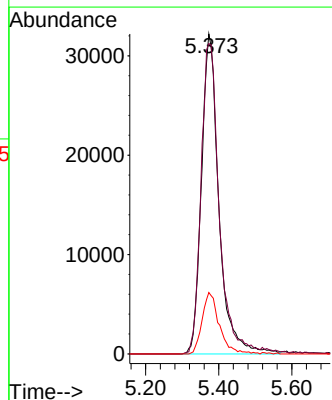
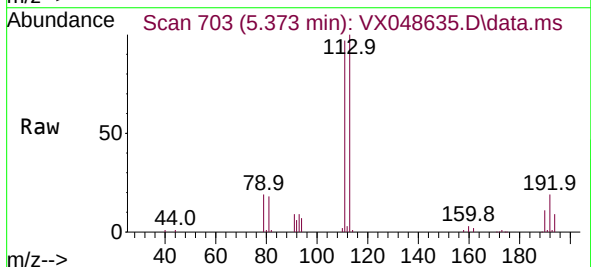
Instrument :
MSVOA_X
ClientSampleId :
IBLK

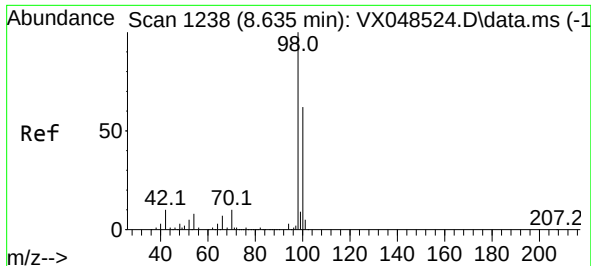
Tgt Ion:114 Resp: 288040
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.2
88 16.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 48.880 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048635.D
Acq: 20 Nov 2025 14:09

Tgt Ion:113 Resp: 106562
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 18.9 15.8 23.6

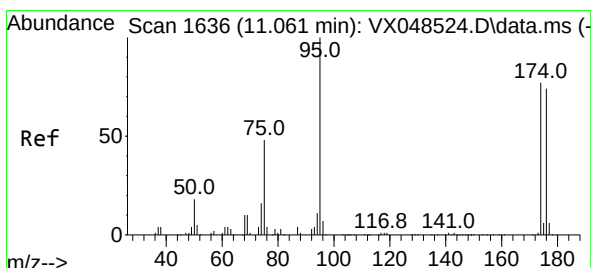
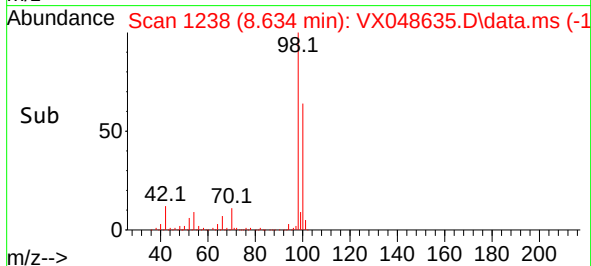
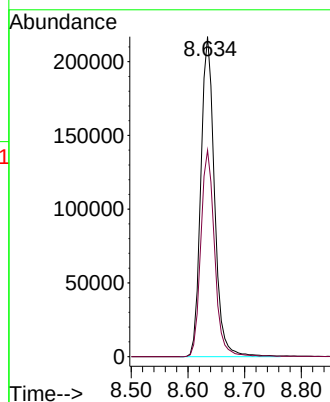
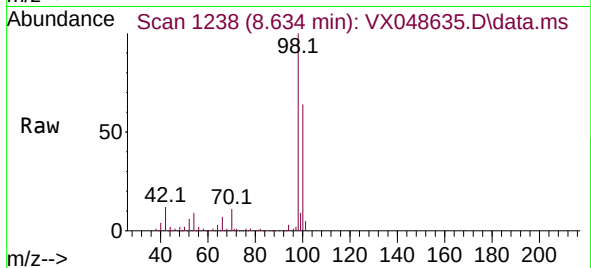




#50
Toluene-d8
Concen: 53.435 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048635.D
Acq: 20 Nov 2025 14:09

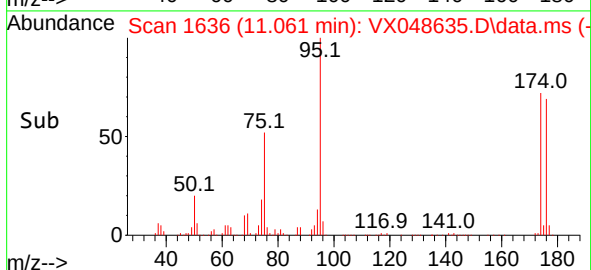
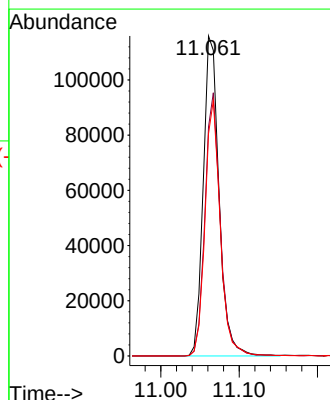
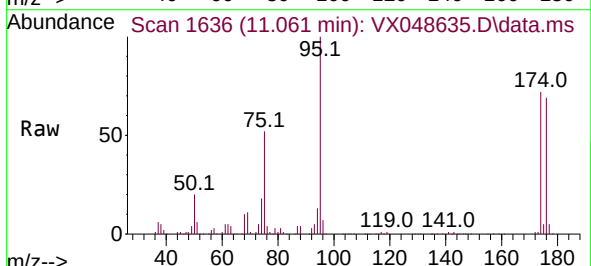
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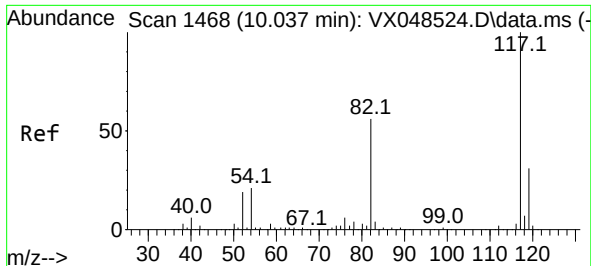
Tgt Ion: 98 Resp: 363316
Ion Ratio Lower Upper
98 100
100 64.9 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 64.179 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048635.D
Acq: 20 Nov 2025 14:09

Tgt Ion: 95 Resp: 162620
Ion Ratio Lower Upper
95 100
174 80.1 0.0 161.8
176 77.3 0.0 153.6

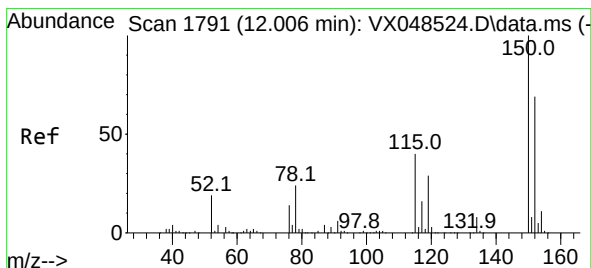
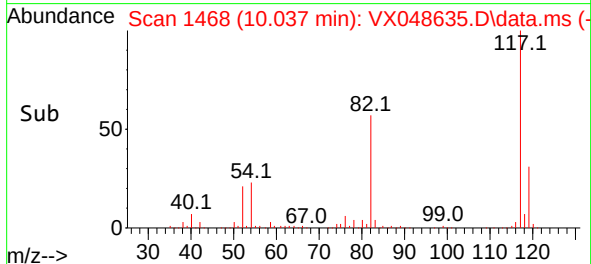
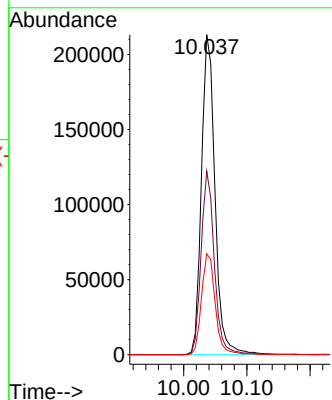
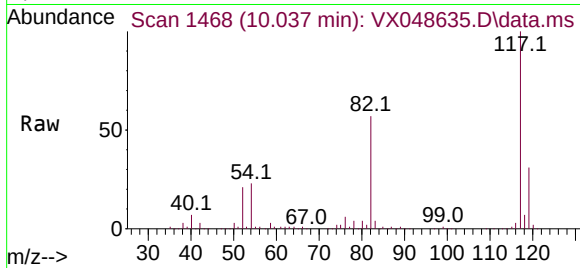




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048635.D
Acq: 20 Nov 2025 14:09

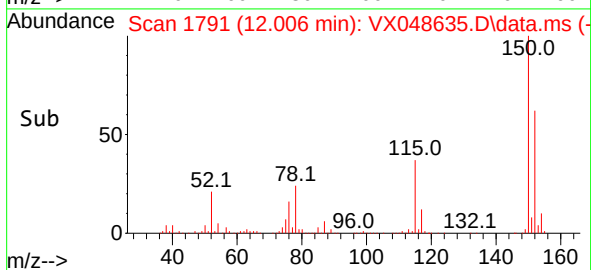
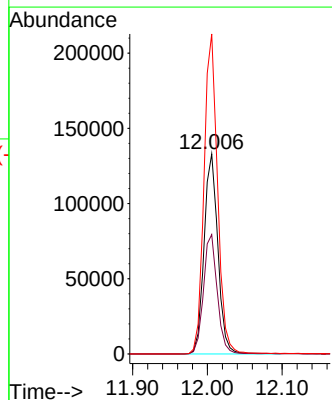
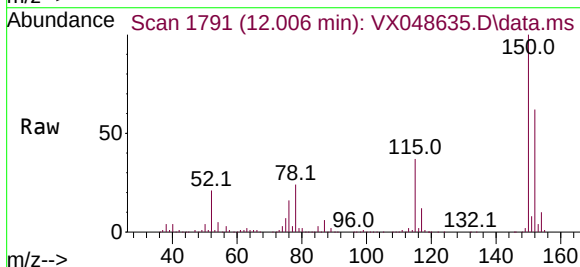
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MSVOA_X
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IBLK

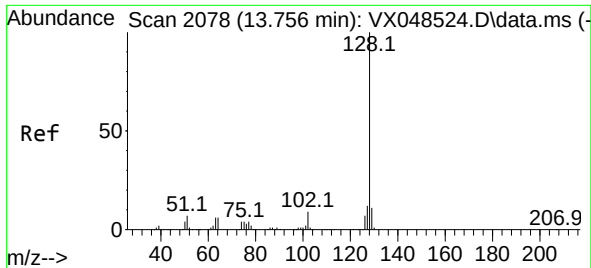
Tgt Ion:117 Resp: 314669
Ion Ratio Lower Upper
117 100
82 57.3 44.4 66.6
119 31.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048635.D
Acq: 20 Nov 2025 14:09

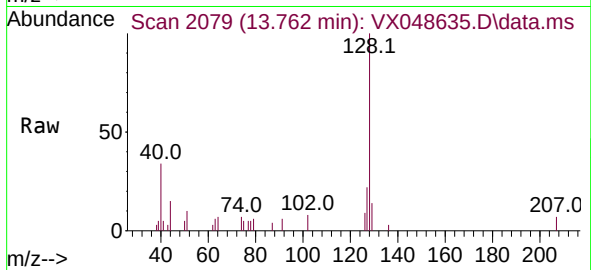
Tgt Ion:152 Resp: 170056
Ion Ratio Lower Upper
152 100
115 59.6 39.2 117.6
150 157.6 0.0 347.0





#95
Naphthalene
Concen: 0.250 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048635.D
Acq: 20 Nov 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	3066
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.1	15.1
129	11.7	8.7	13.1

