

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047998.D
 Acq On : 03 Oct 2025 16:36
 Operator : JC/MD
 Sample : Q3248-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-580-582

Quant Time: Oct 03 23:51:57 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)

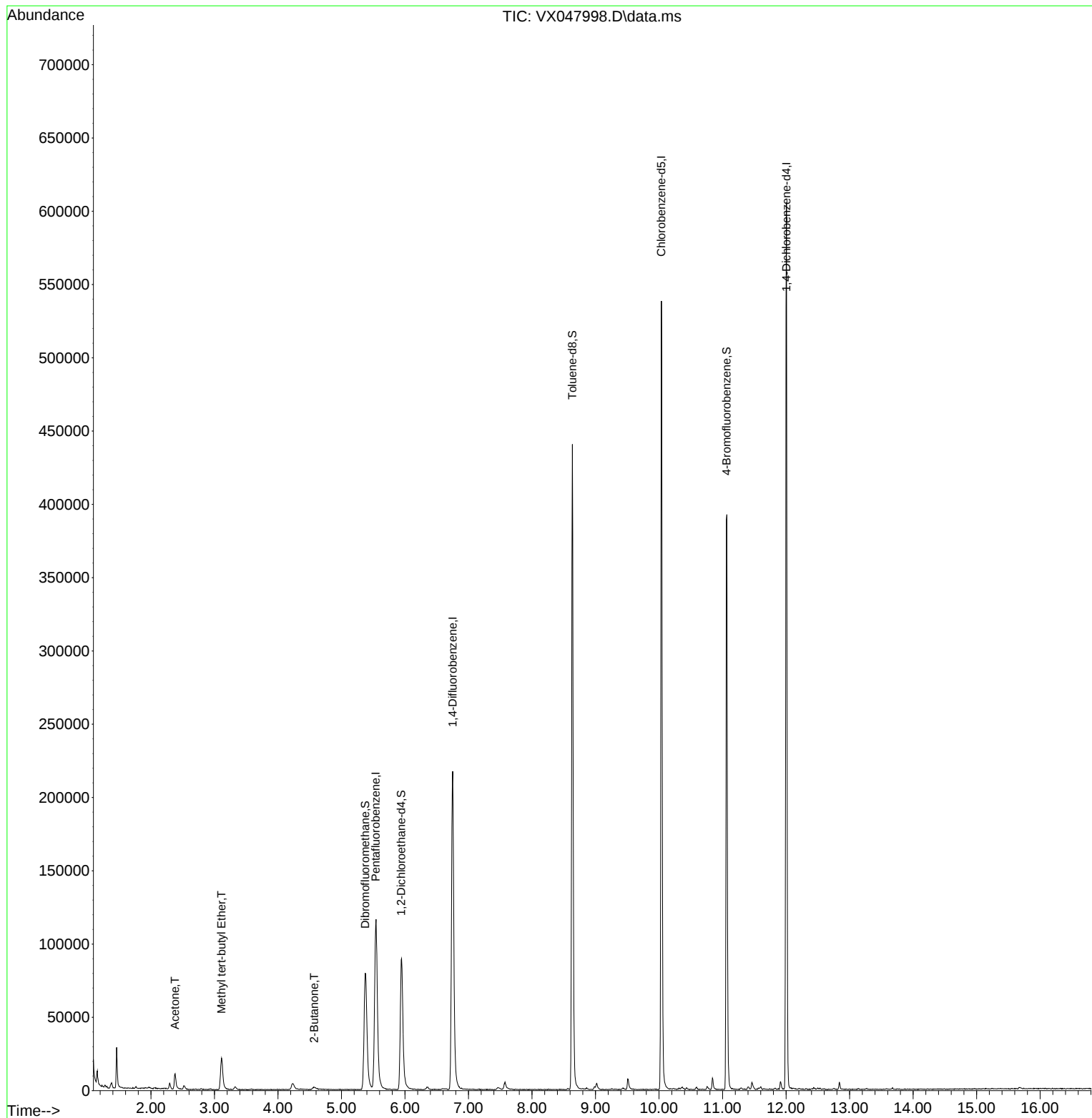
Internal Standards						
1) Pentafluorobenzene	5.538	168	116663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	235290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	247287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99029	53.328	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.660%	
35) Dibromofluoromethane	5.373	113	79228	50.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.420%	
50) Toluene-d8	8.635	98	267943	49.073	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.140%	
62) 4-Bromofluorobenzene	11.061	95	116425	56.184	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.360%	
Target Compounds						Qvalue
16) Acetone	2.380	43	14323	17.739	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	25908	5.120	ug/l	97
25) 2-Butanone	4.568	43	4136	4.107	ug/l	98

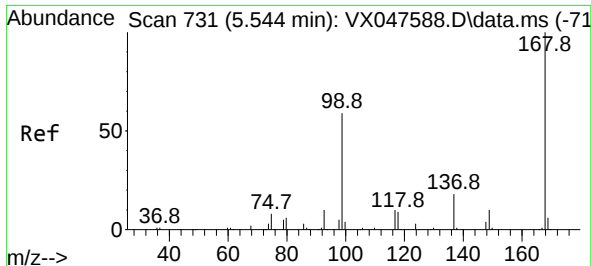
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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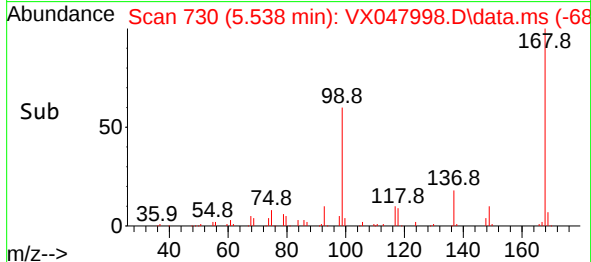
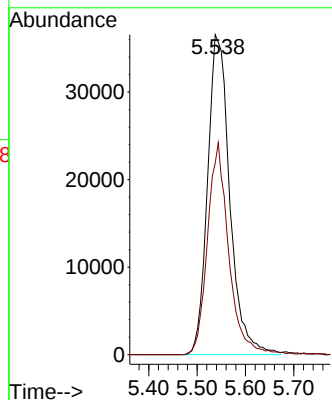
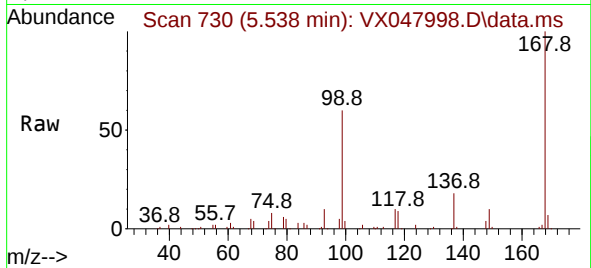




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047998.D
Acq: 03 Oct 2025 16:36

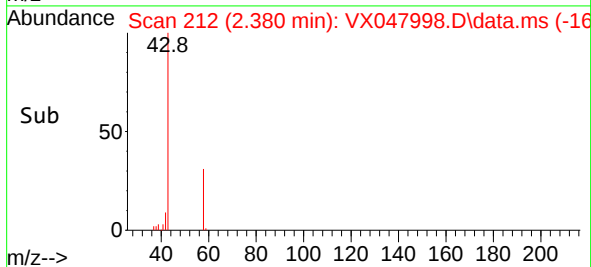
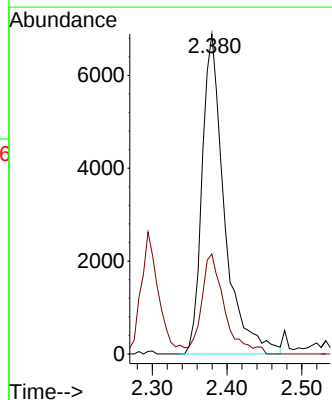
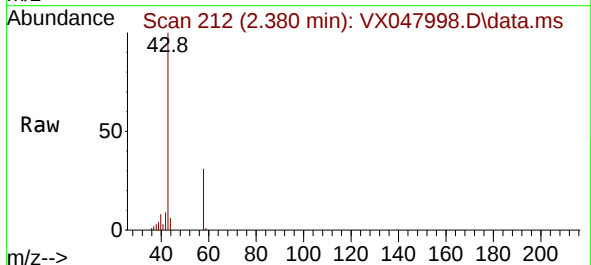
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-580-582

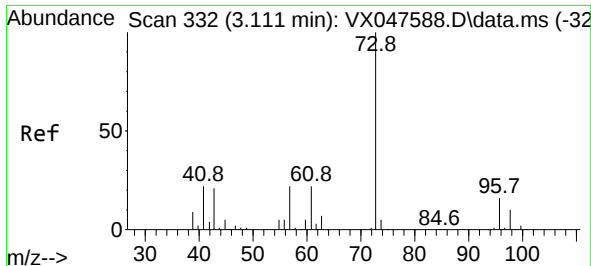
Tgt Ion:168 Resp: 116663
Ion Ratio Lower Upper
168 100
99 59.9 48.8 73.2



#16
Acetone
Concen: 17.739 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047998.D
Acq: 03 Oct 2025 16:36

Tgt Ion: 43 Resp: 14323
Ion Ratio Lower Upper
43 100
58 32.8 23.4 35.0

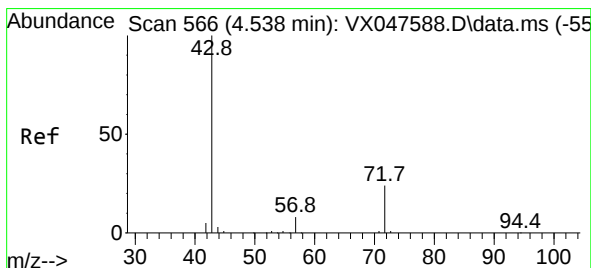
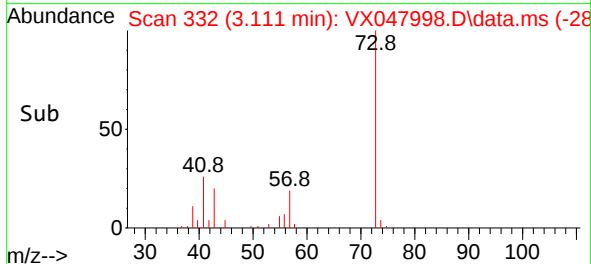
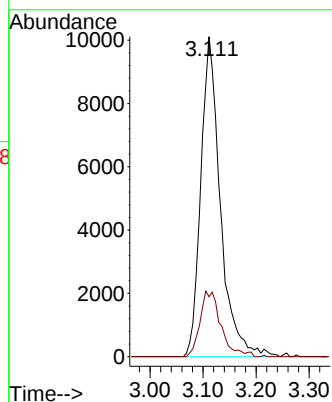
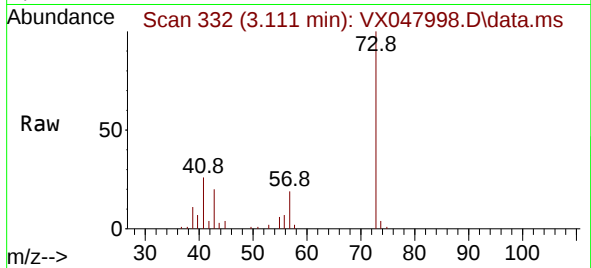




#19
Methyl tert-butyl Ether
Concen: 5.120 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047998.D
Acq: 03 Oct 2025 16:36

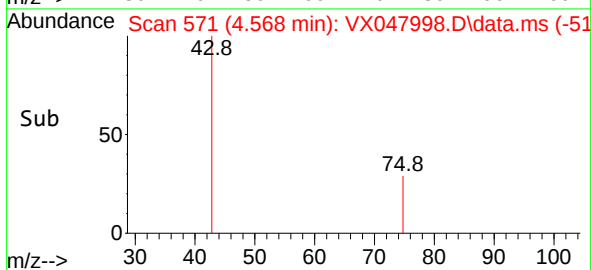
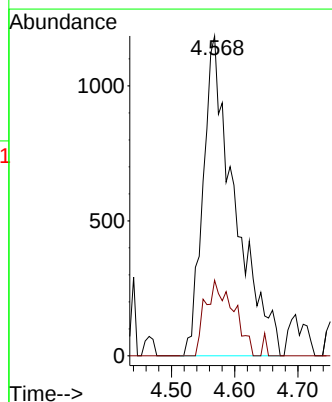
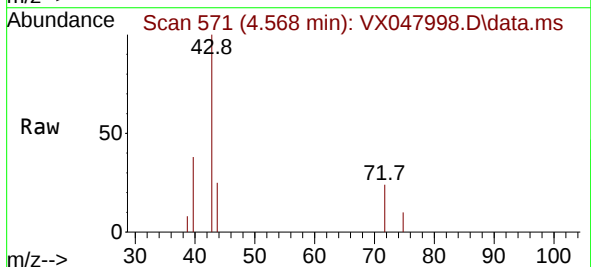
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-580-582

Tgt Ion: 73 Resp: 25908
Ion Ratio Lower Upper
73 100
57 20.2 17.4 26.2



#25
2-Butanone
Concen: 4.107 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.030 min
Lab File: VX047998.D
Acq: 03 Oct 2025 16:36

Tgt Ion: 43 Resp: 4136
Ion Ratio Lower Upper
43 100
72 24.2 20.1 30.1





#33

1,2-Dichloroethane-d4

Concen: 53.328 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047998.D

Acq: 03 Oct 2025 16:36

Instrument :

MSVOA_X

ClientSampleId :

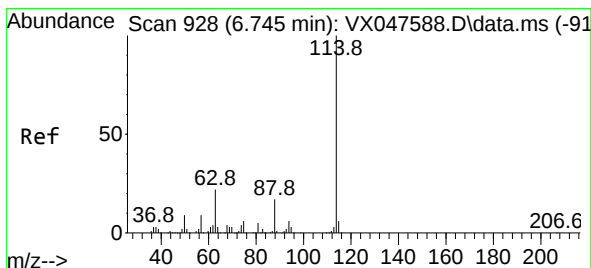
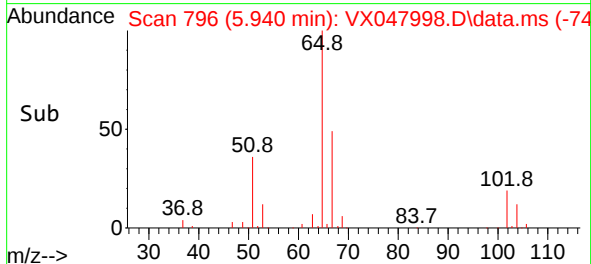
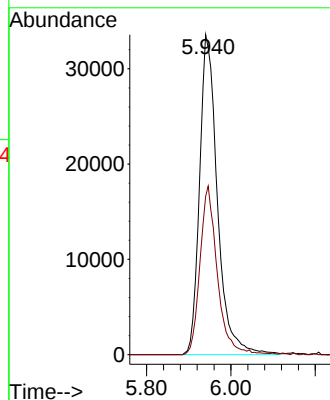
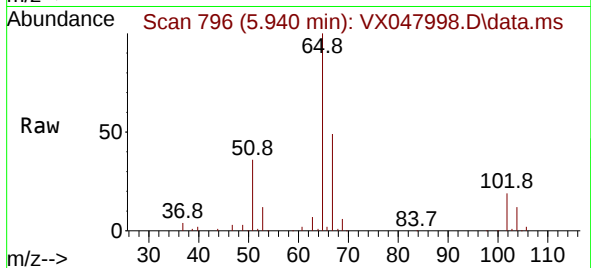
BP-VPB-184-GW-580-582

Tgt Ion: 65 Resp: 99029

Ion Ratio Lower Upper

65 100

67 51.3 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: VX047998.D

Acq: 03 Oct 2025 16:36

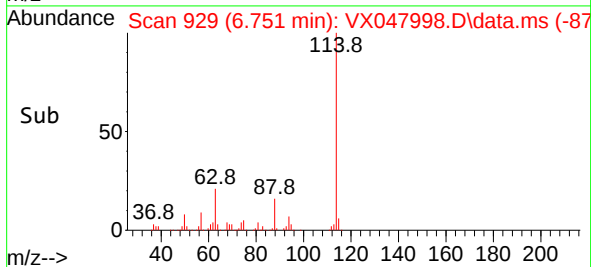
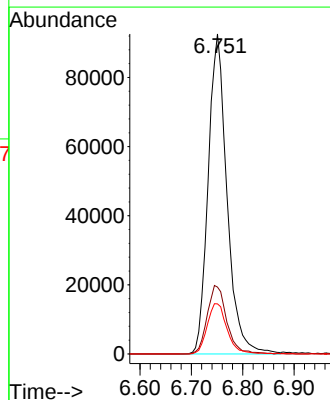
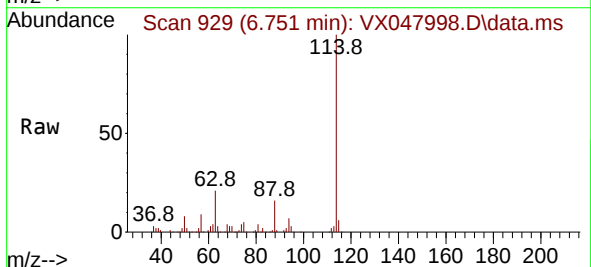
Tgt Ion: 114 Resp: 235290

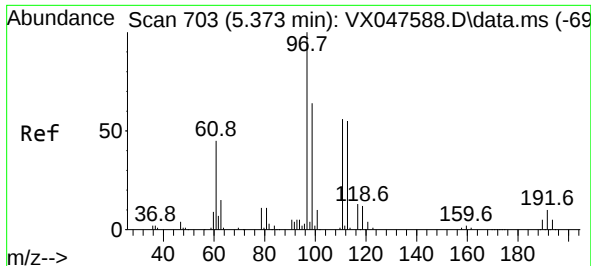
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.0

88 15.6 0.0 34.2

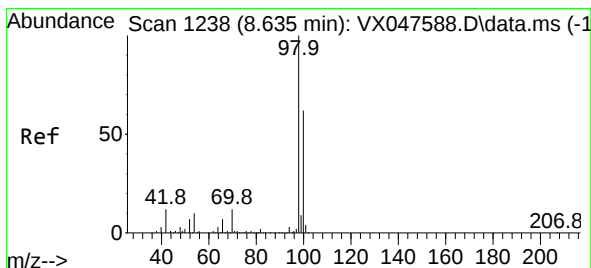
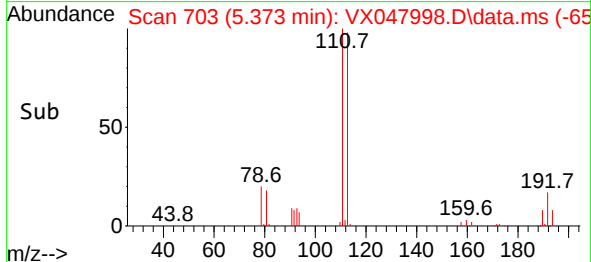
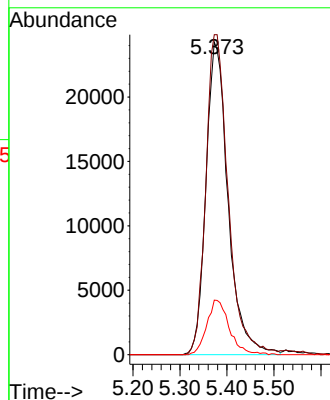
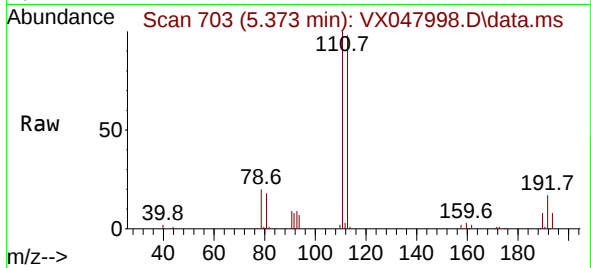




#35
Dibromofluoromethane
Concen: 50.208 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047998.D
Acq: 03 Oct 2025 16:36

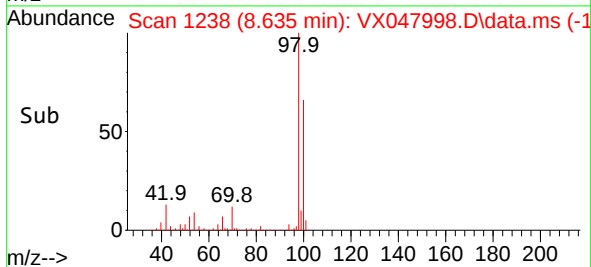
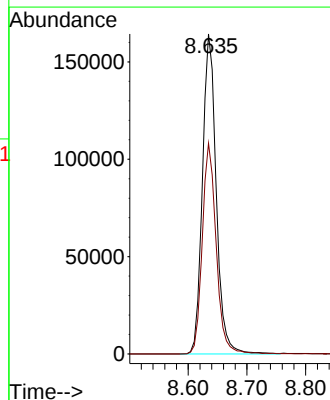
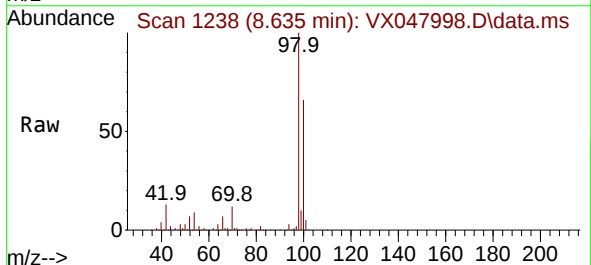
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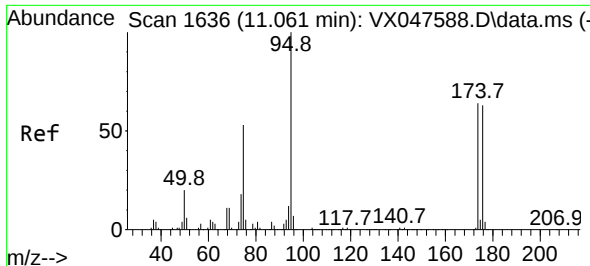
Tgt Ion:113 Resp: 79228
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 17.8 14.2 21.4



#50
Toluene-d8
Concen: 49.073 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047998.D
Acq: 03 Oct 2025 16:36

Tgt Ion: 98 Resp: 267943
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

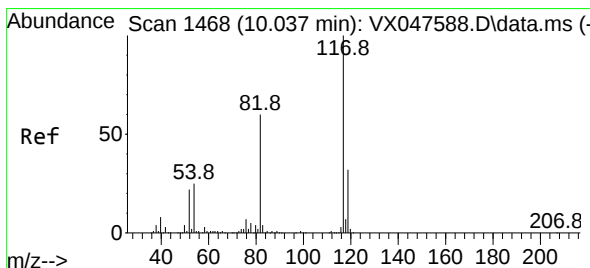
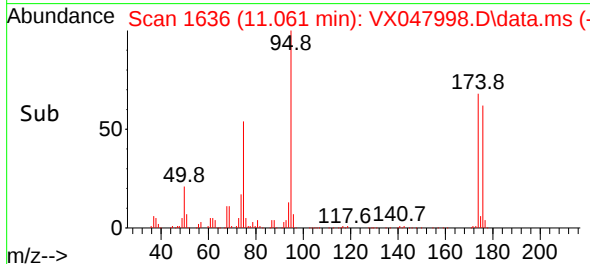
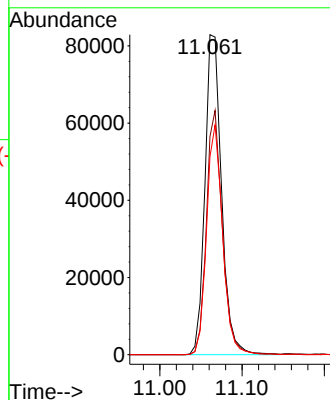
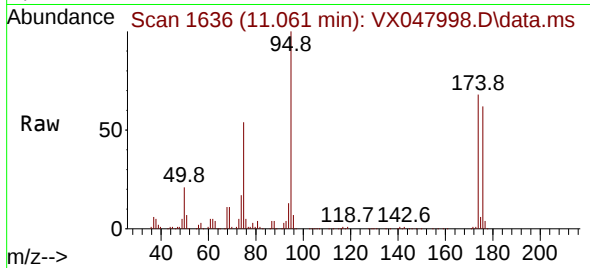




#62
4-Bromofluorobenzene
Concen: 56.184 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047998.D
Acq: 03 Oct 2025 16:36

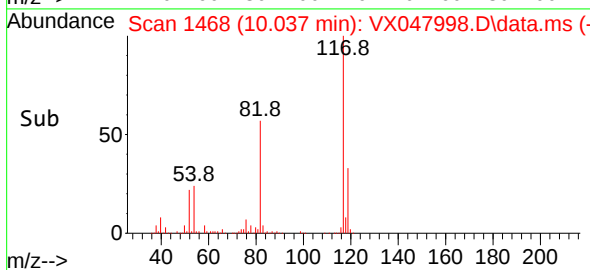
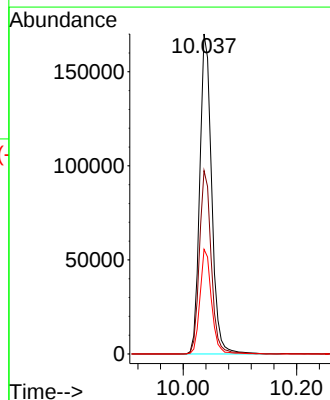
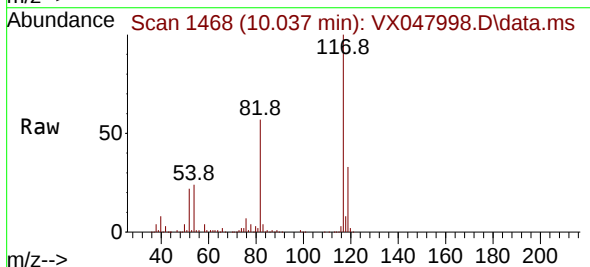
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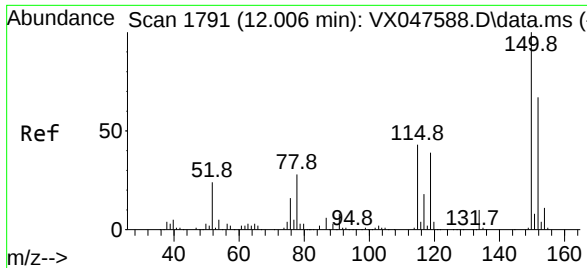
Tgt Ion: 95 Resp: 116425
Ion Ratio Lower Upper
95 100
174 73.6 0.0 141.6
176 69.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047998.D
Acq: 03 Oct 2025 16:36

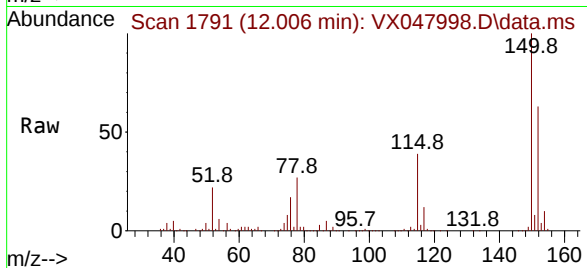
Tgt Ion: 117 Resp: 247287
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.6
119 32.7 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047998.D
 Acq: 03 Oct 2025 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-580-582



Tgt Ion:152 Resp: 124667
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.9 134.5
 150 157.7 0.0 352.0

