

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046342.D
 Acq On : 23 May 2025 14:06
 Operator : JC/MD
 Sample : Q2118-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-420-422

Quant Time: May 23 23:02:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

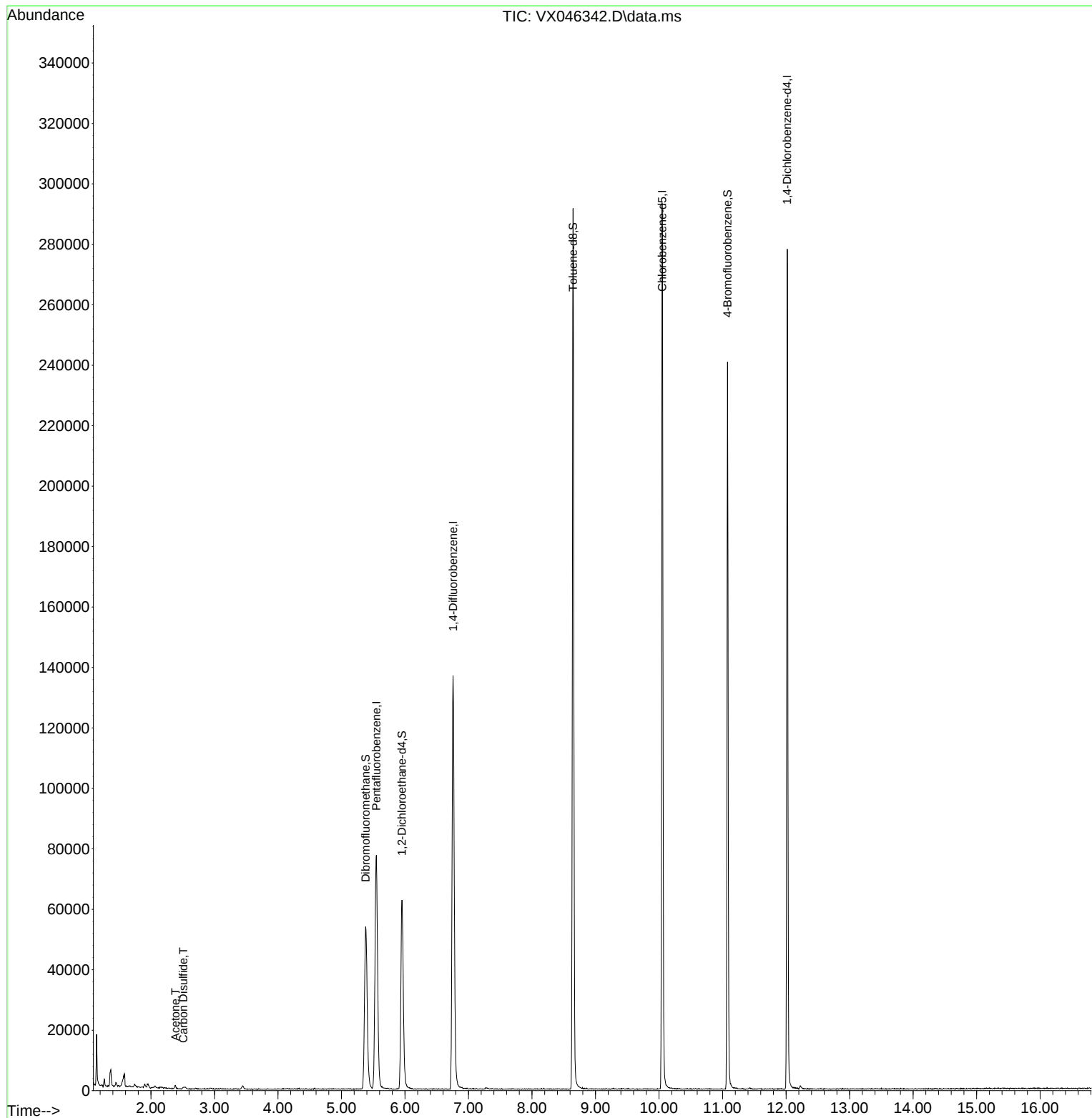
Internal Standards						
1) Pentafluorobenzene	5.550	168	66286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65112	52.689	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.380%
35) Dibromofluoromethane	5.379	113	46984	50.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.920%
50) Toluene-d8	8.647	98	163256	50.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.320%
62) 4-Bromofluorobenzene	11.079	95	61565	49.800	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.600%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1348	2.721	ug/l #	85
17) Carbon Disulfide	2.508	76	667	0.358	ug/l #	83

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

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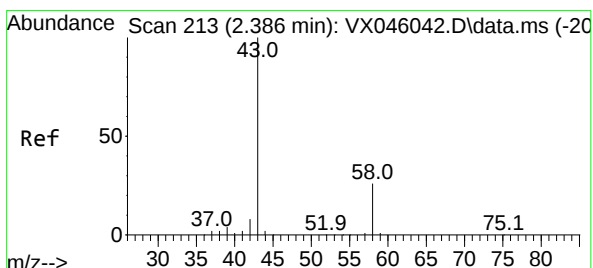
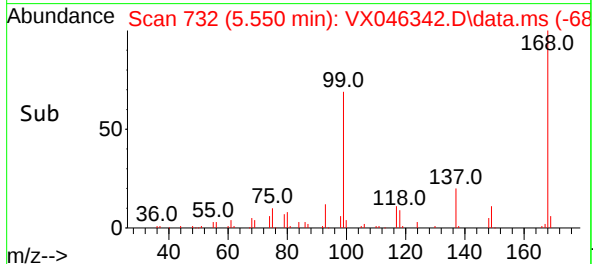
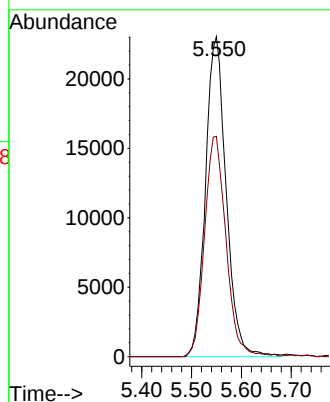
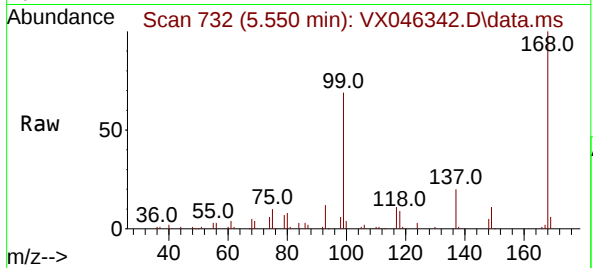




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

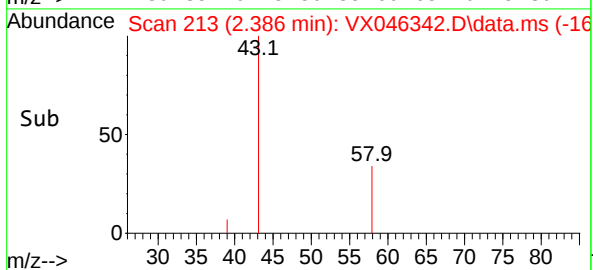
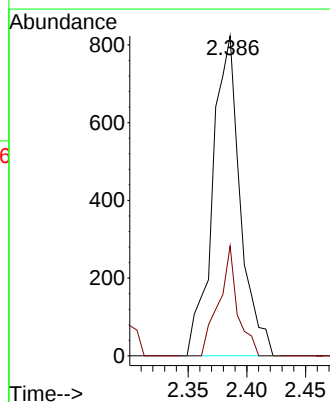
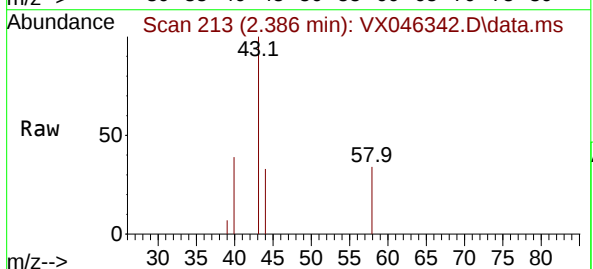
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-420-422

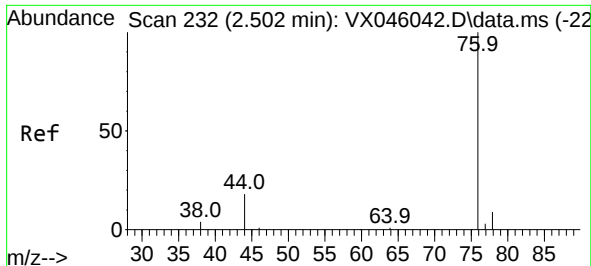
Tgt Ion:168 Resp: 66286
Ion Ratio Lower Upper
168 100
99 68.8 54.9 82.3



#16
Acetone
Concen: 2.721 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Tgt Ion: 43 Resp: 1348
Ion Ratio Lower Upper
43 100
58 34.4 21.2 31.8#





#17

Carbon Disulfide

Concen: 0.358 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046342.D

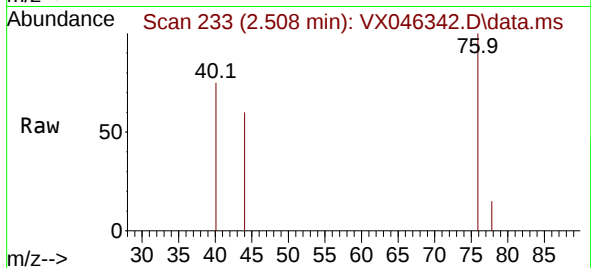
Acq: 23 May 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-420-422

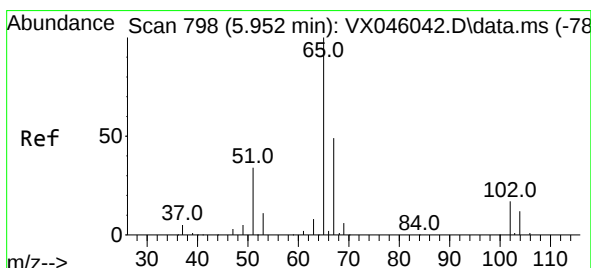
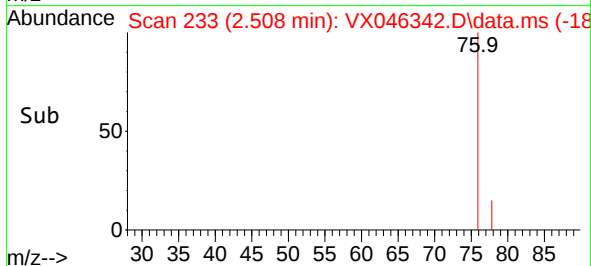
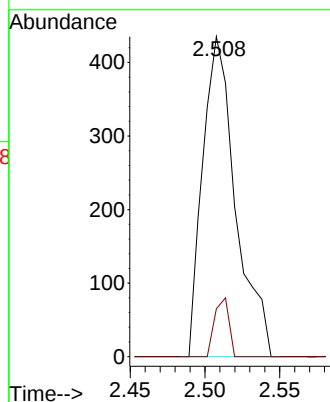


Tgt Ion: 76 Resp: 667

Ion Ratio Lower Upper

76 100

78 14.9 7.0 10.4#



#33

1,2-Dichloroethane-d4

Concen: 52.689 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046342.D

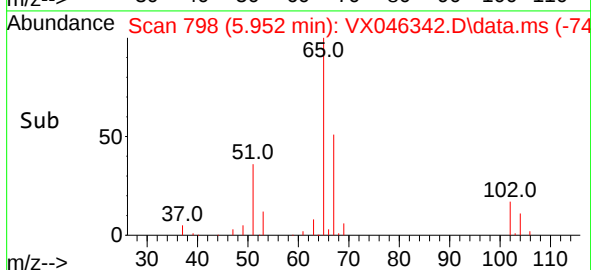
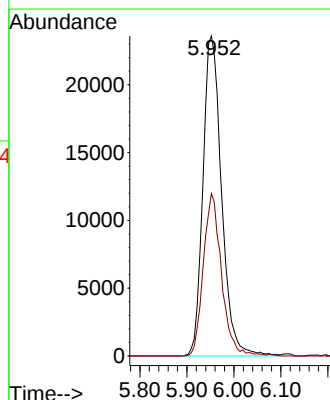
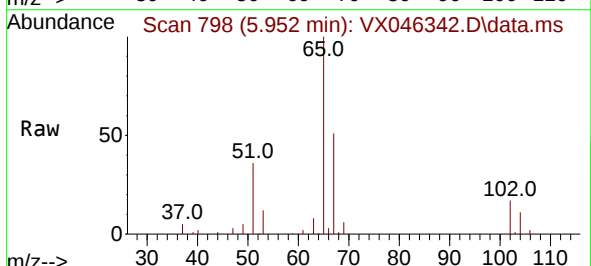
Acq: 23 May 2025 14:06

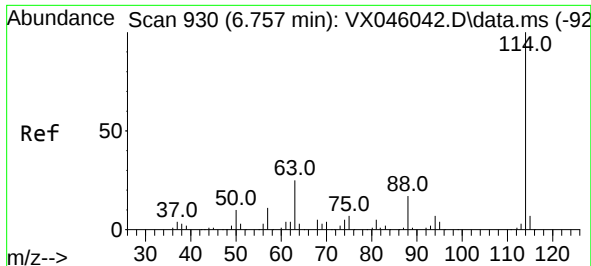
Tgt Ion: 65 Resp: 65112

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0

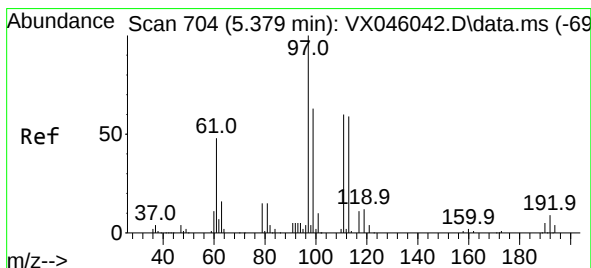
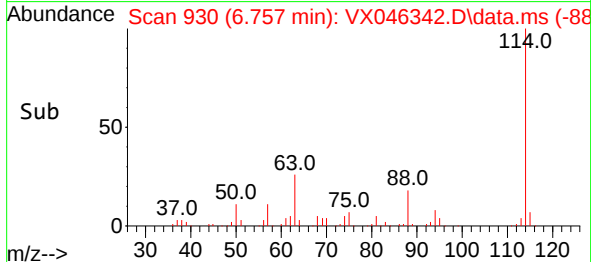
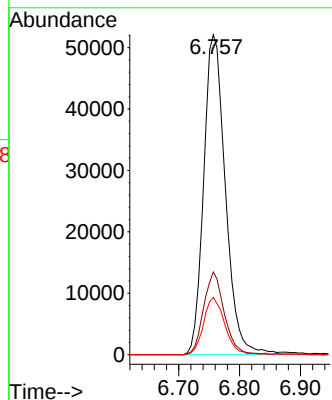
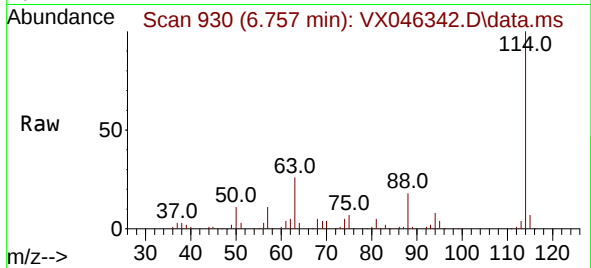




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

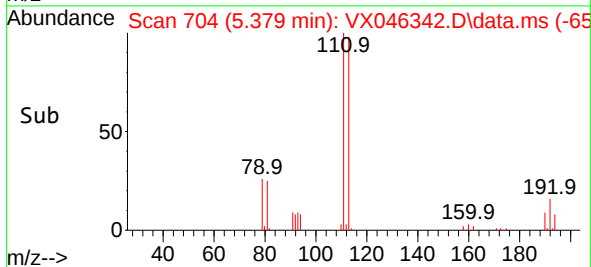
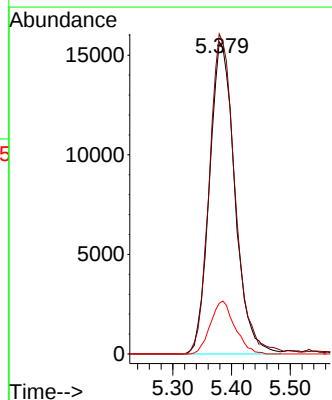
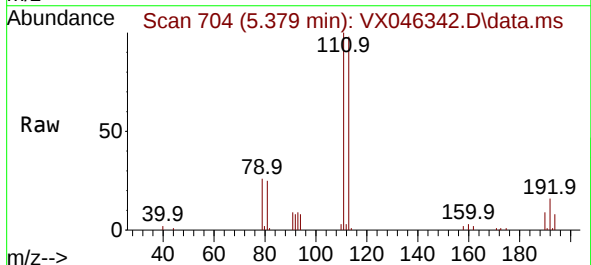
Instrument :
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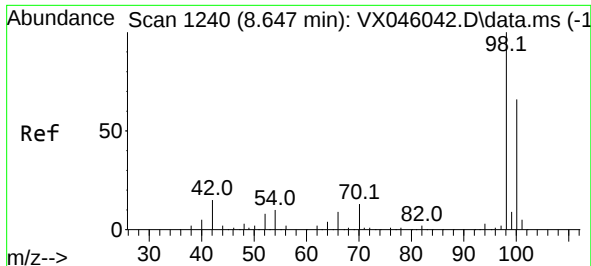
Tgt Ion:114 Resp: 129308
Ion Ratio Lower Upper
114 100
63 25.9 0.0 49.2
88 17.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.458 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Tgt Ion:113 Resp: 46984
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.3 13.3 19.9

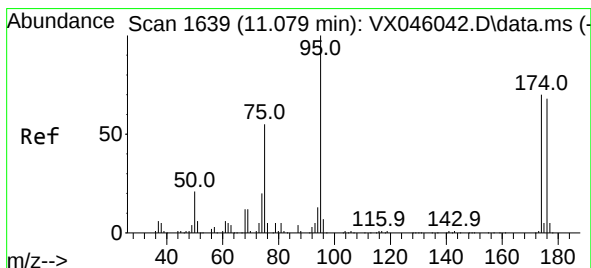
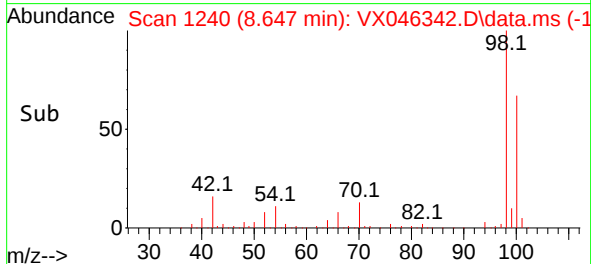
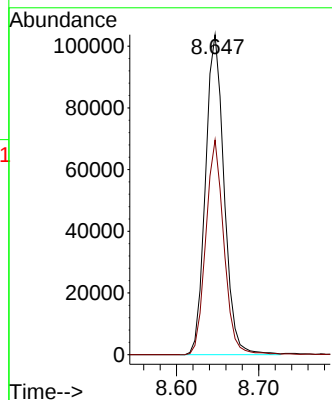
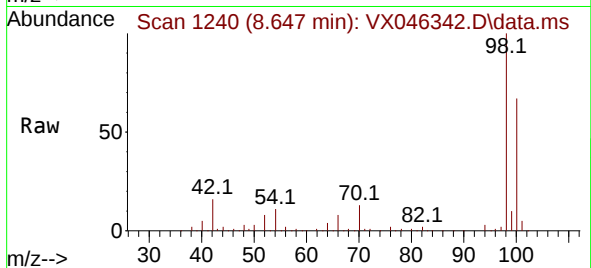




#50
Toluene-d8
Concen: 50.656 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

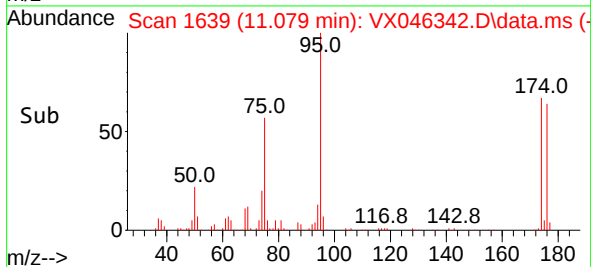
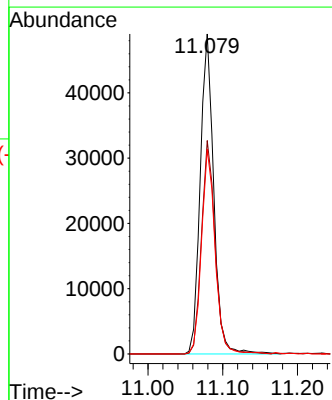
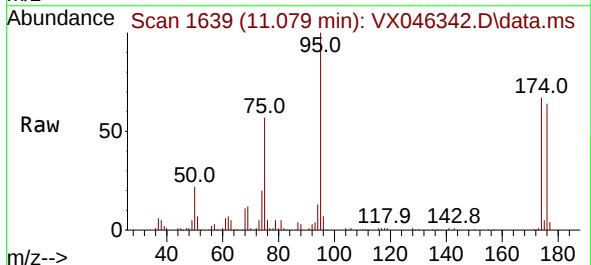
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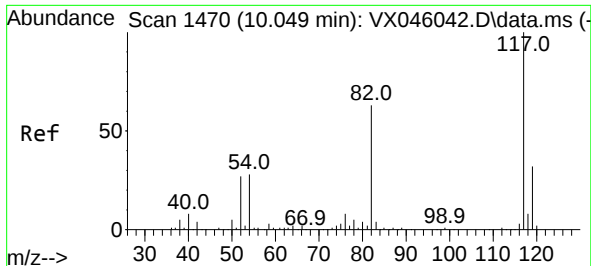
Tgt Ion: 98 Resp: 163256
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Tgt Ion: 95 Resp: 61565
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.4 0.0 131.4

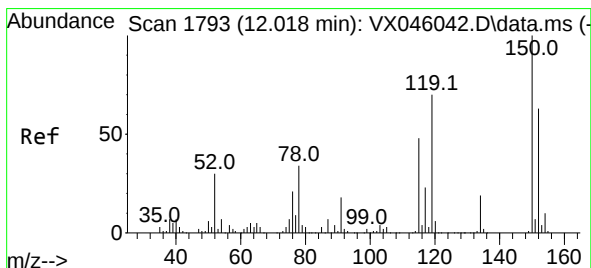
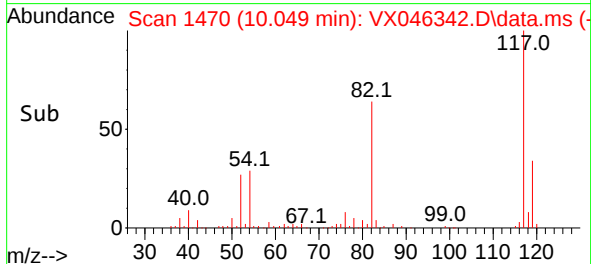
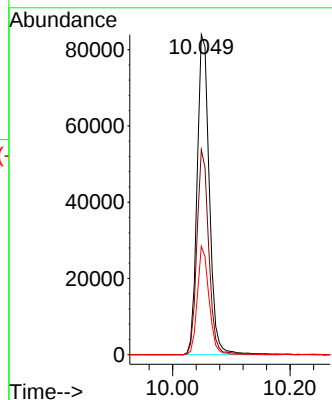
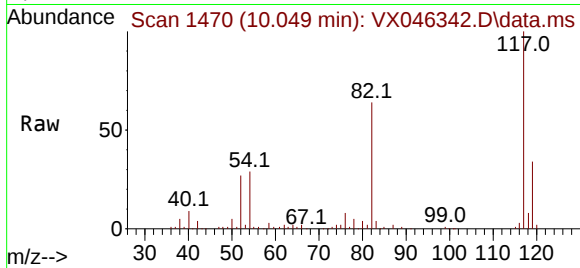




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-420-422

Tgt Ion:117 Resp: 121023
Ion Ratio Lower Upper
117 100
82 64.1 50.6 76.0
119 33.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Tgt Ion:152 Resp: 49690
Ion Ratio Lower Upper
152 100
115 66.3 46.9 140.7
150 158.6 0.0 351.0

