

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046356.D
 Acq On : 23 May 2025 19:32
 Operator : JC/MD
 Sample : Q2120-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-EB-20250522

Quant Time: May 23 23:07:38 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)

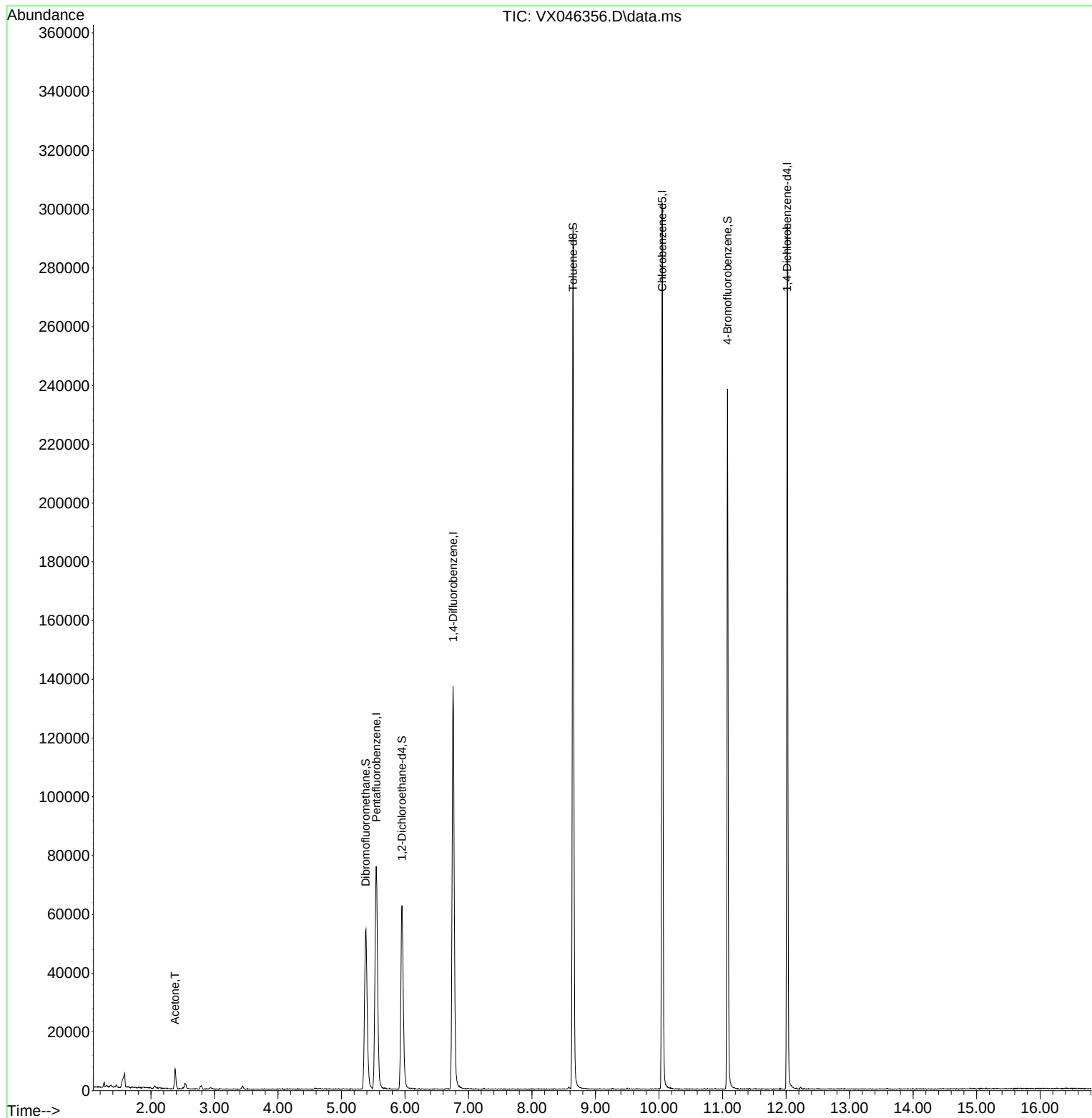
Internal Standards						
1) Pentafluorobenzene	5.550	168	63849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63837	53.629	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.260%	
35) Dibromofluoromethane	5.379	113	46419	50.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.020%	
50) Toluene-d8	8.647	98	161254	50.700	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	11.079	95	62194	50.978	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.960%	
Target Compounds						
16) Acetone	2.380	43	7341	15.381	ug/l	Qvalue 99

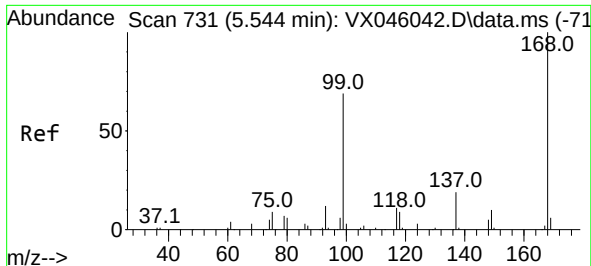
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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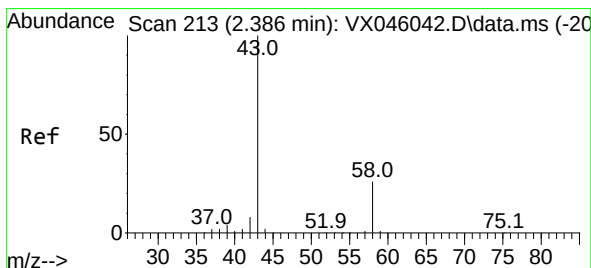
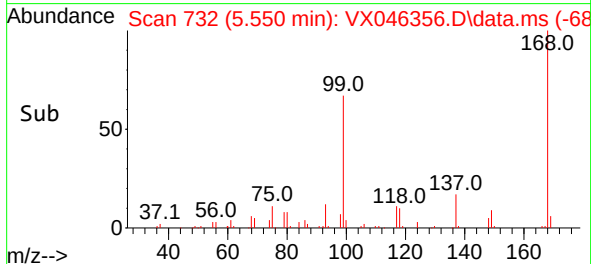
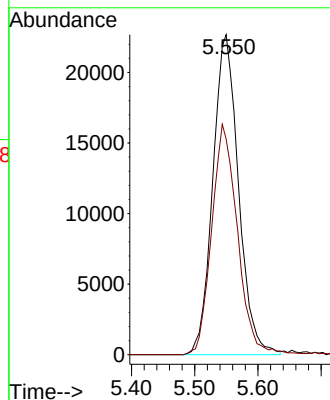
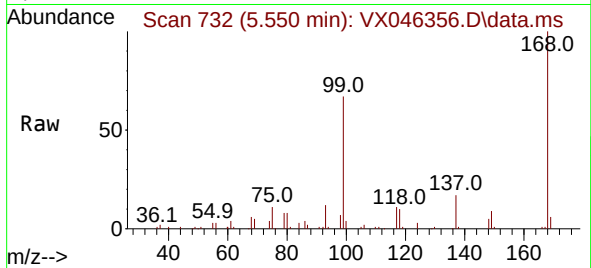




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

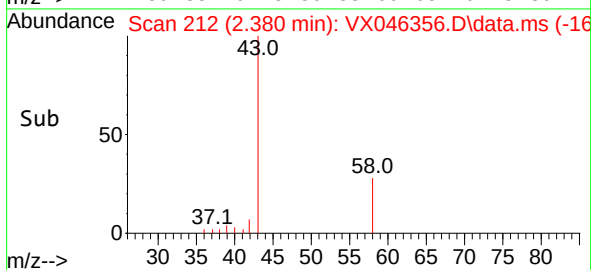
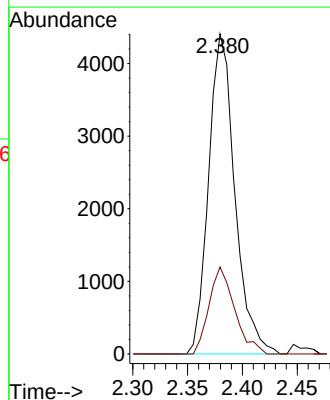
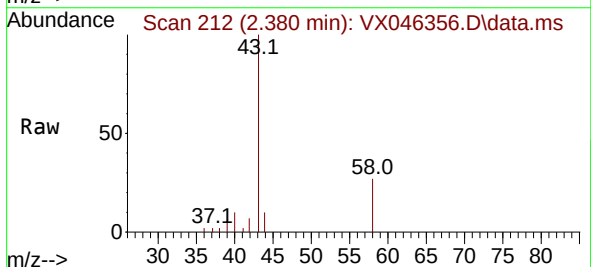
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

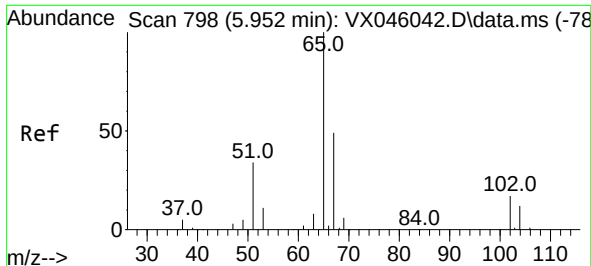
Tgt Ion:168 Resp: 63849
Ion Ratio Lower Upper
168 100
99 67.4 54.9 82.3



#16
Acetone
Concen: 15.381 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

Tgt Ion: 43 Resp: 7341
Ion Ratio Lower Upper
43 100
58 27.2 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 53.629 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046356.D

Acq: 23 May 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

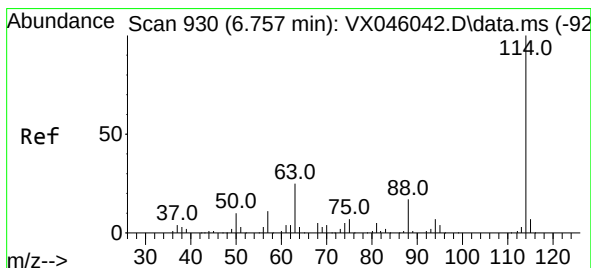
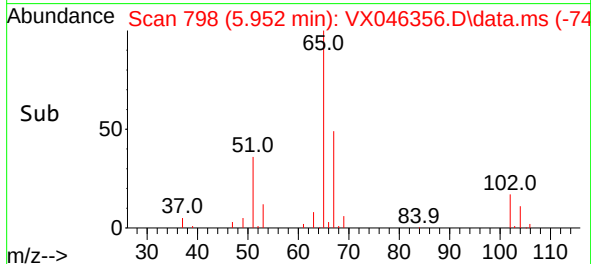
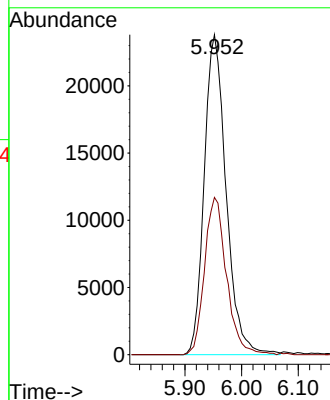
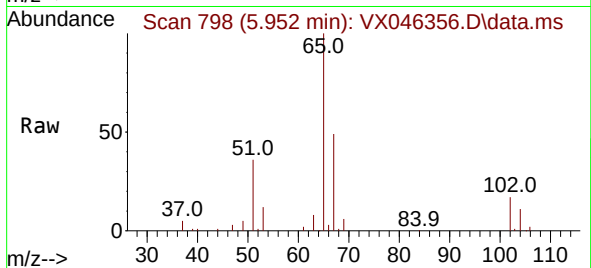
BP-VPB-182-EB-20250522

Tgt Ion: 65 Resp: 63837

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# 930

Delta R.T. -0.000 min

Lab File: VX046356.D

Acq: 23 May 2025 19:32

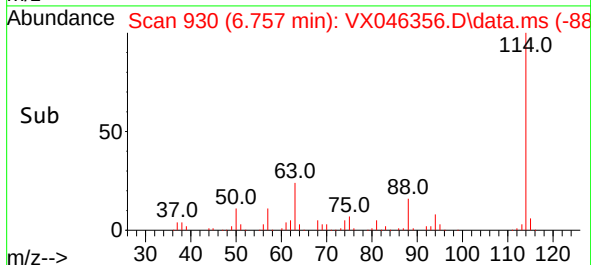
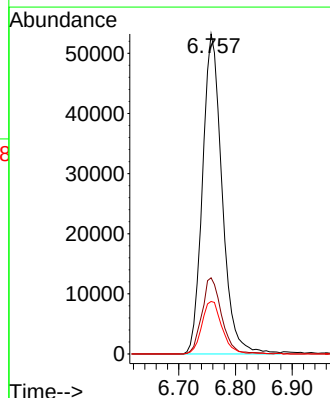
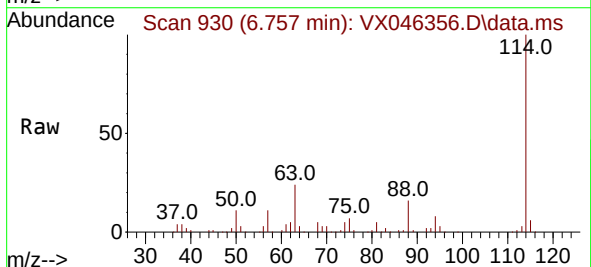
Tgt Ion: 114 Resp: 127611

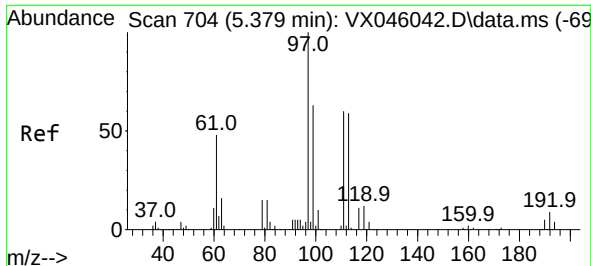
Ion Ratio Lower Upper

114 100

63 23.8 0.0 49.2

88 16.4 0.0 33.6

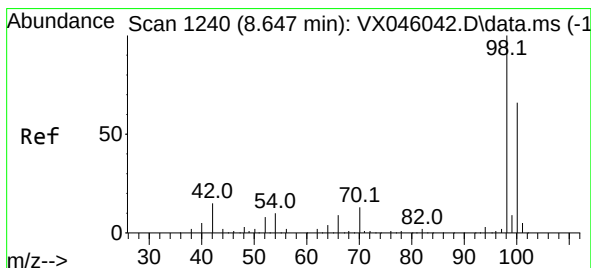
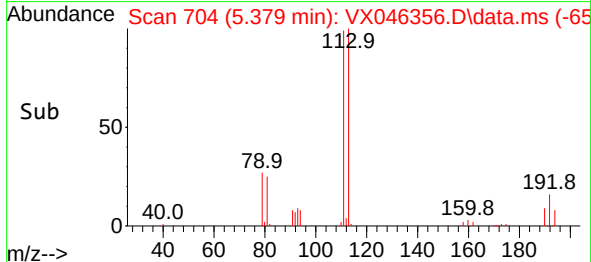
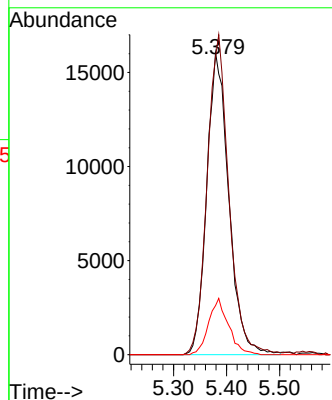
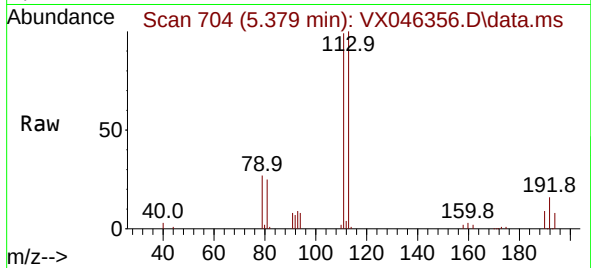




#35
Dibromofluoromethane
Concen: 50.514 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

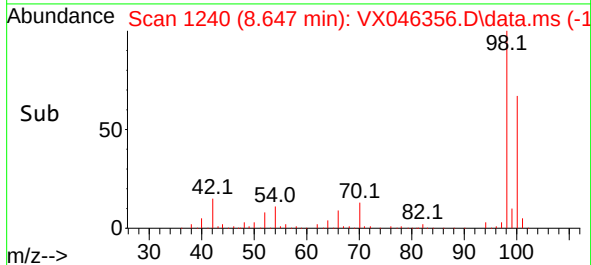
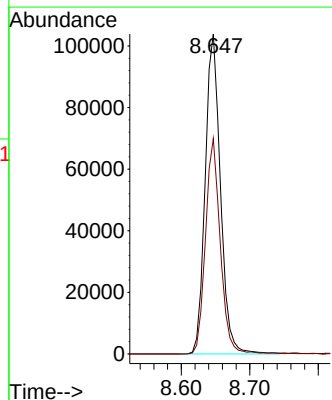
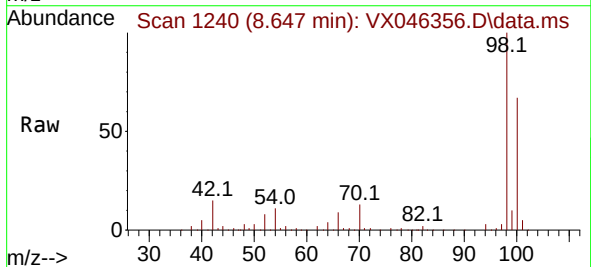
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

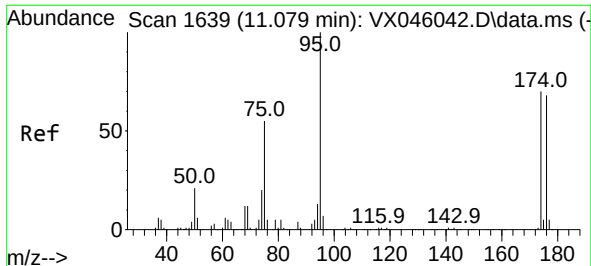
Tgt Ion:113 Resp: 46419
Ion Ratio Lower Upper
113 100
111 104.2 83.1 124.7
192 16.9 13.3 19.9



#50
Toluene-d8
Concen: 50.700 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

Tgt Ion: 98 Resp: 161254
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3

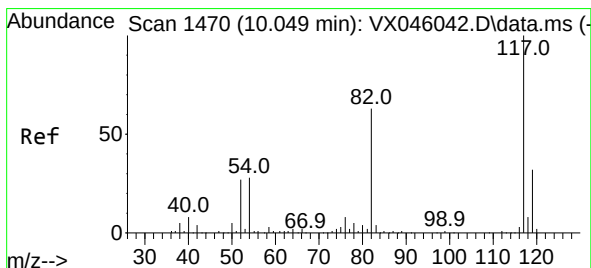
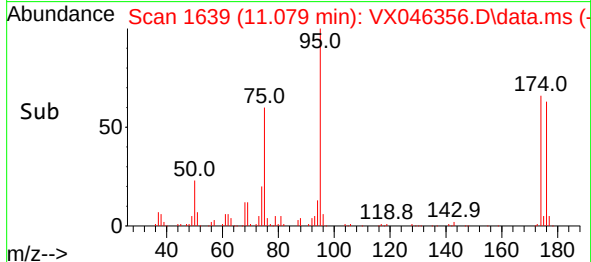
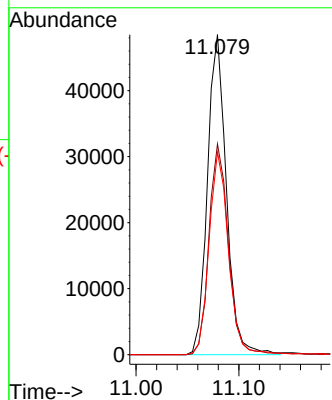
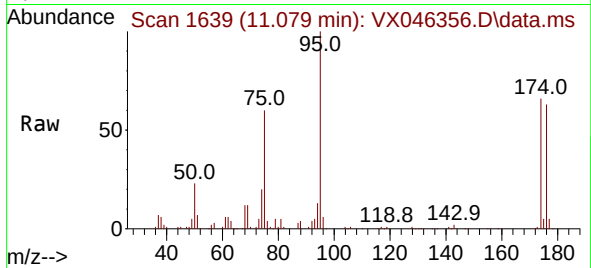




#62
4-Bromofluorobenzene
Concen: 50.978 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

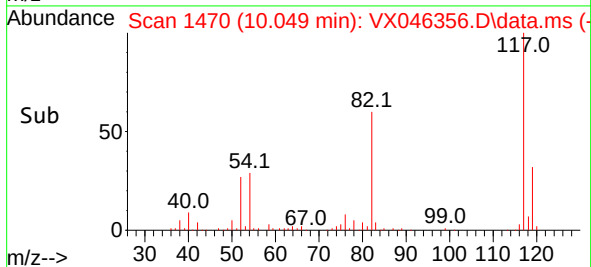
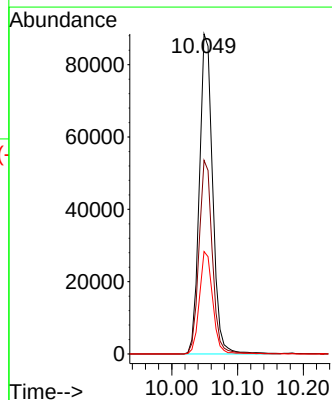
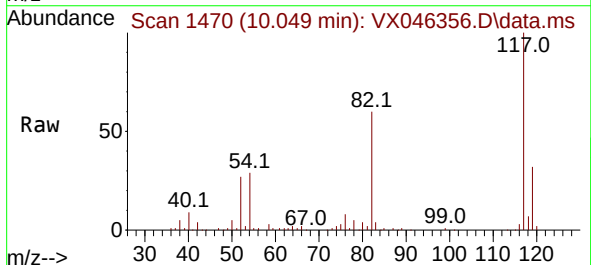
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

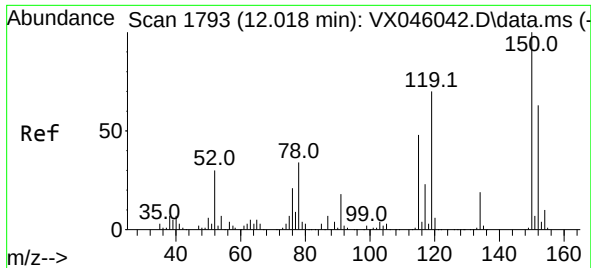
Tgt Ion: 95 Resp: 62194
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 65.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

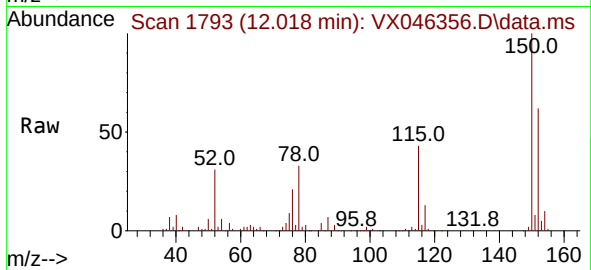
Tgt Ion: 117 Resp: 124029
Ion Ratio Lower Upper
117 100
82 60.5 50.6 76.0
119 32.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046356.D
 Acq: 23 May 2025 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-EB-20250522



Tgt Ion:152 Resp: 52711

Ion	Ratio	Lower	Upper
152	100		
115	67.0	46.9	140.7
150	160.2	0.0	351.0

