

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048540.D
 Acq On : 10 Nov 2025 15:27
 Operator : JC/MD
 Sample : Q3584-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Quant Time: Nov 11 00:47:48 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)

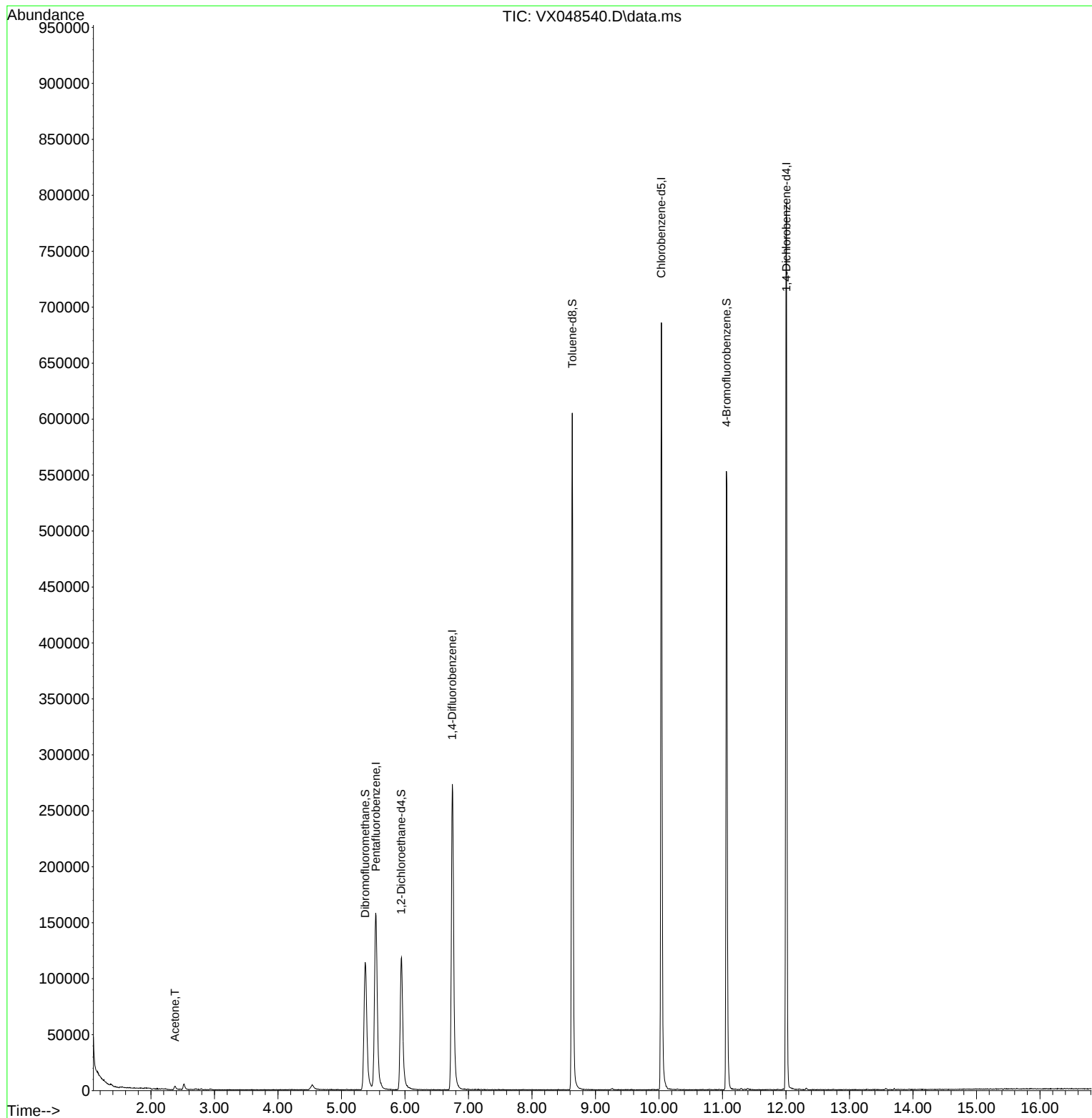
Internal Standards						
1) Pentafluorobenzene	5.544	168	172124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	320476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	339849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	185006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	127889	53.322	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.640%
35) Dibromofluoromethane	5.373	113	115768	47.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.460%
50) Toluene-d8	8.635	98	384460	50.821	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.640%
62) 4-Bromofluorobenzene	11.061	95	167170	59.297	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.600%
Target Compounds						
16) Acetone	2.380	43	4551	4.009	ug/l	Qvalue 91

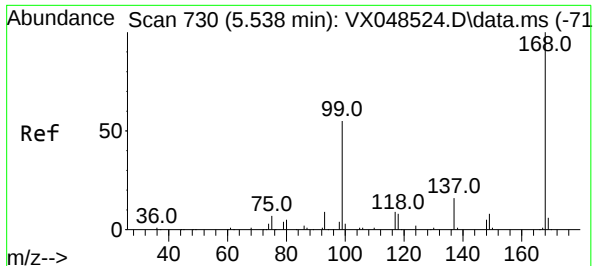
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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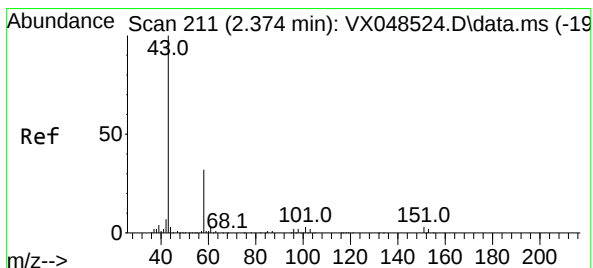
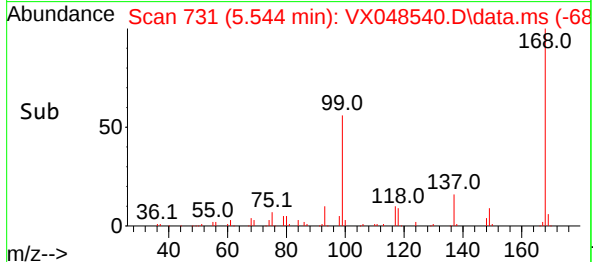
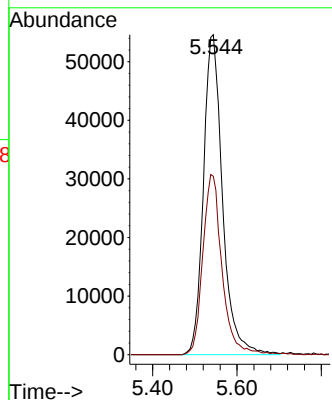
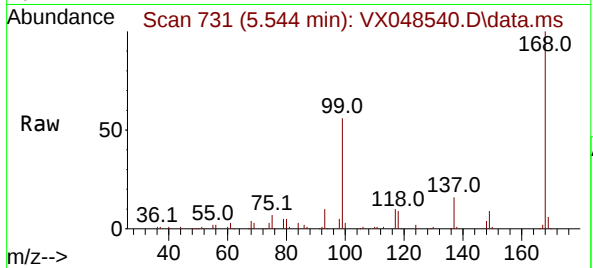




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

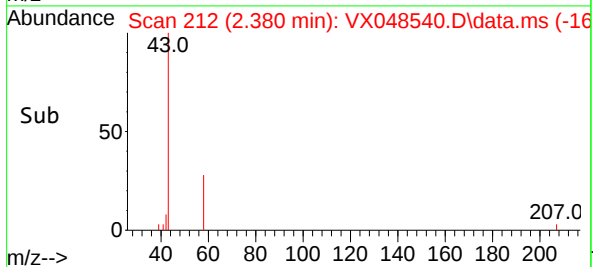
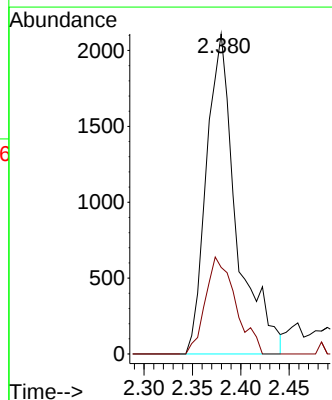
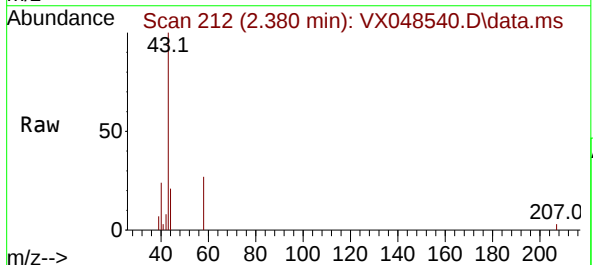
Instrument :
MSVOA_X
ClientSampleId :
SW-1

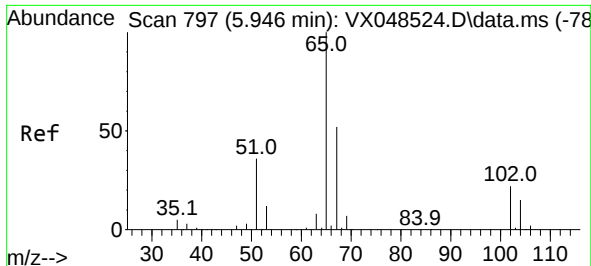
Tgt Ion:168 Resp: 172124
Ion Ratio Lower Upper
168 100
99 55.8 45.2 67.8



#16
Acetone
Concen: 4.009 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion: 43 Resp: 4551
Ion Ratio Lower Upper
43 100
58 27.1 25.8 38.6





#33

1,2-Dichloroethane-d4

Concen: 53.322 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048540.D

Acq: 10 Nov 2025 15:27

Instrument :

MSVOA_X

ClientSampleId :

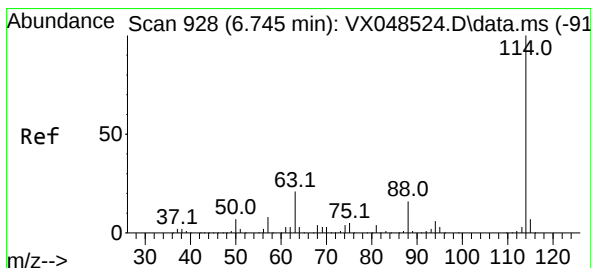
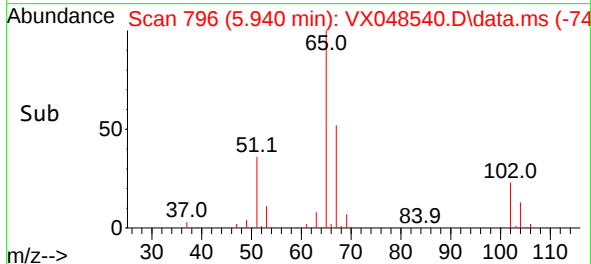
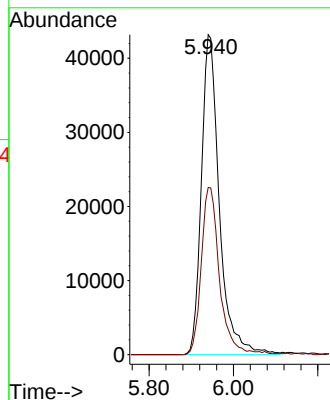
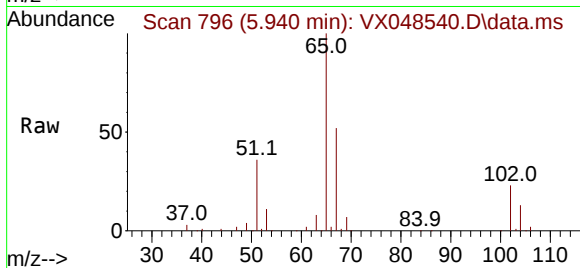
SW-1

Tgt Ion: 65 Resp: 127889

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048540.D

Acq: 10 Nov 2025 15:27

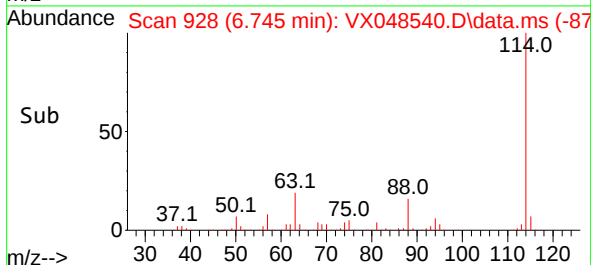
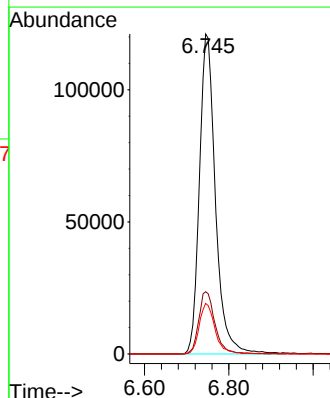
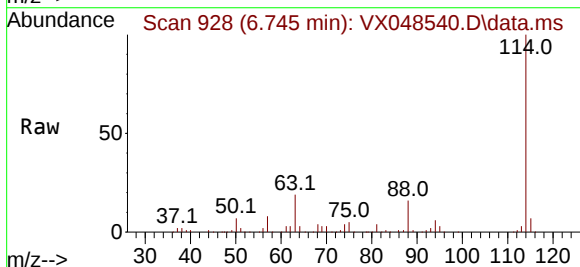
Tgt Ion: 114 Resp: 320476

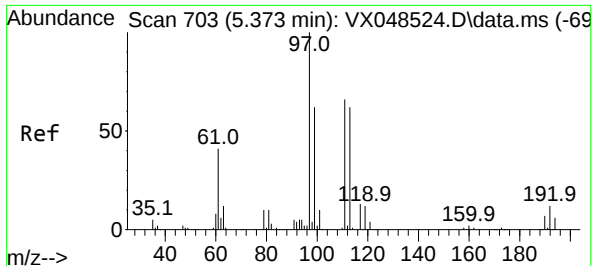
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.2

88 15.8 0.0 32.2

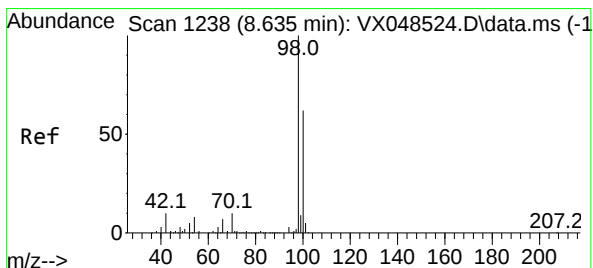
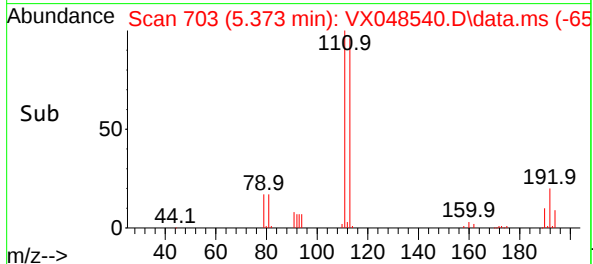
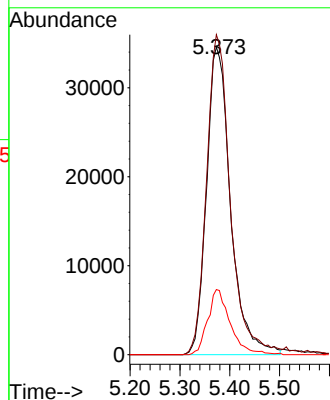
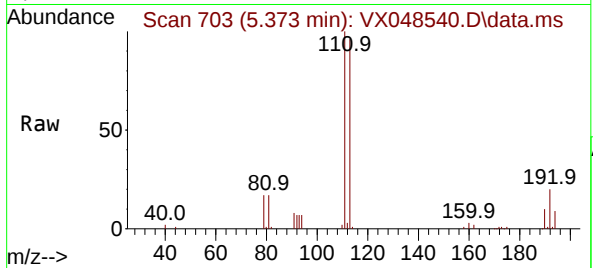




#35
Dibromofluoromethane
Concen: 47.728 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

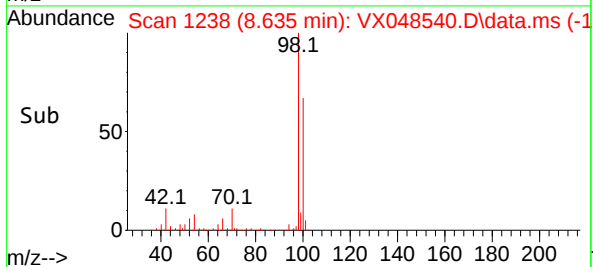
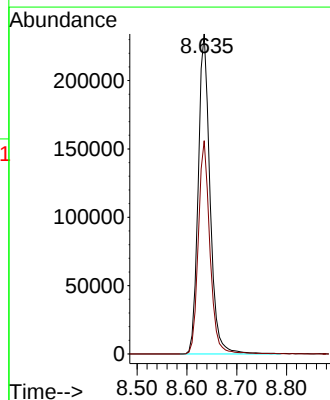
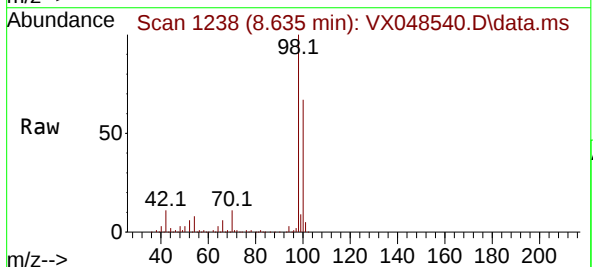
Instrument :
MSVOA_X
ClientSampleId :
SW-1

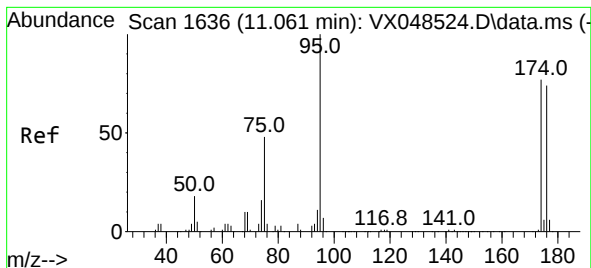
Tgt Ion:113 Resp: 115768
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 19.9 15.8 23.6



#50
Toluene-d8
Concen: 50.821 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion: 98 Resp: 384460
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4

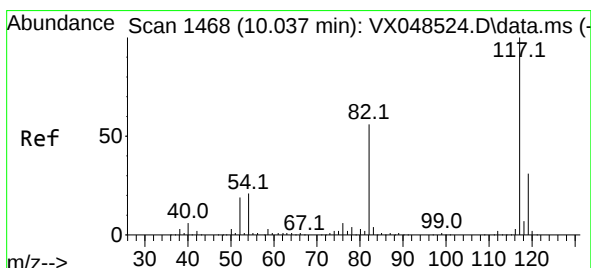
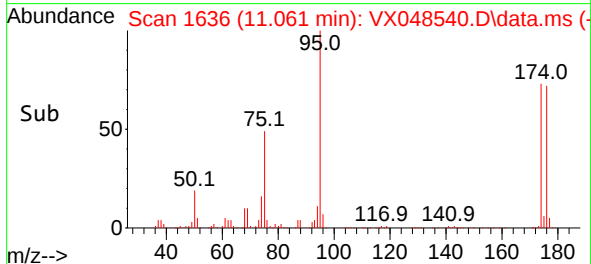
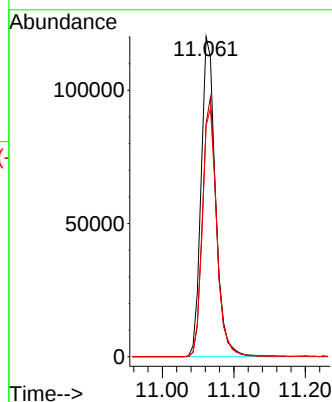
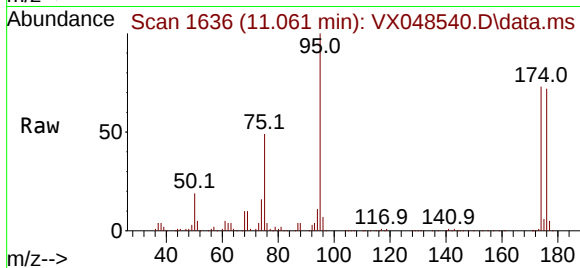




#62
4-Bromofluorobenzene
Concen: 59.297 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

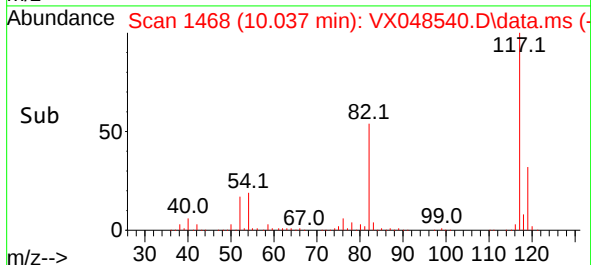
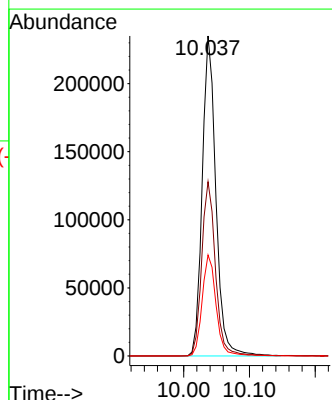
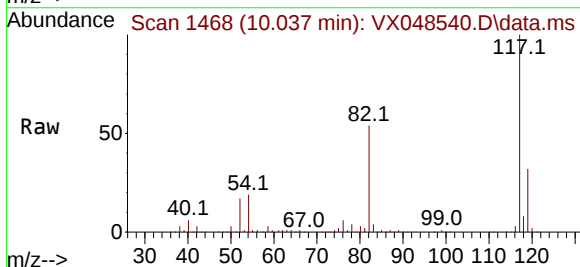
Instrument :
MSVOA_X
ClientSampleId :
SW-1

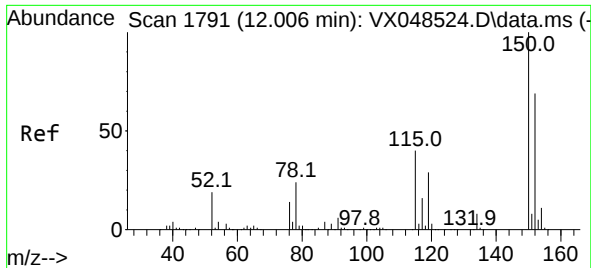
Tgt Ion: 95 Resp: 167170
Ion Ratio Lower Upper
95 100
174 80.1 0.0 161.8
176 78.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048540.D
Acq: 10 Nov 2025 15:27

Tgt Ion: 117 Resp: 339849
Ion Ratio Lower Upper
117 100
82 54.4 44.4 66.6
119 31.6 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048540.D

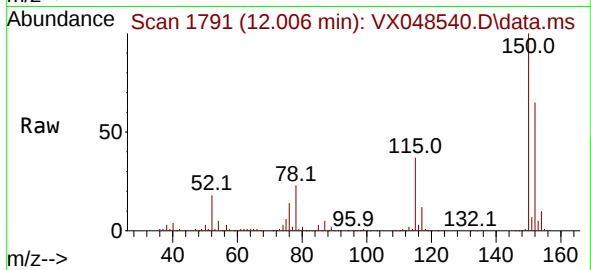
Acq: 10 Nov 2025 15:27

Instrument :

MSVOA_X

ClientSampleId :

SW-1



Tgt Ion:152 Resp: 185006

Ion Ratio Lower Upper

152 100

115 57.8 39.2 117.6

150 154.4 0.0 347.0

