

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048542.D
 Acq On : 10 Nov 2025 16:08
 Operator : JC/MD
 Sample : Q3584-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-3

Quant Time: Nov 11 00:48:24 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)

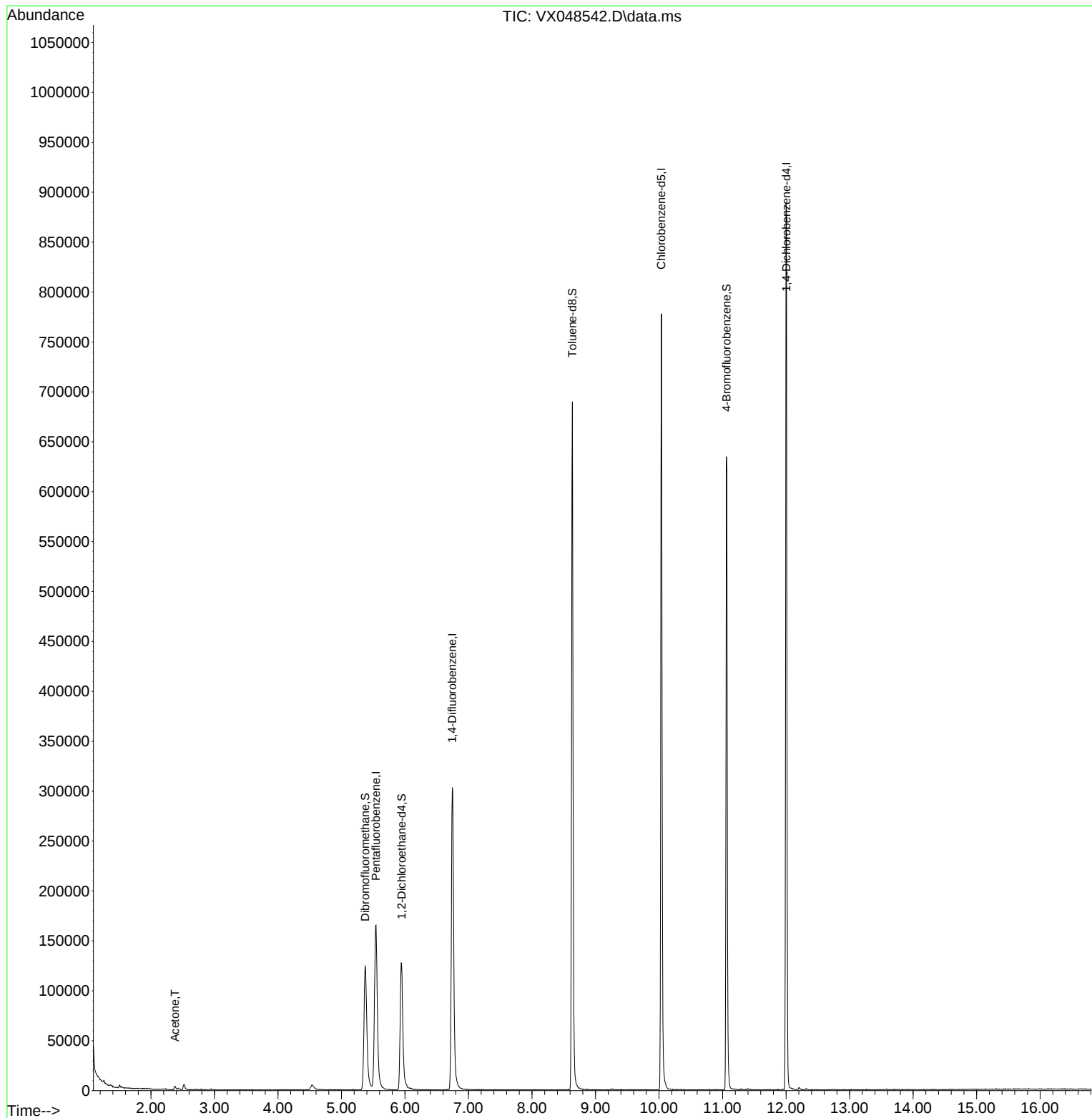
Internal Standards						
1) Pentafluorobenzene	5.544	168	181183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	361304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	386173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	204501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	139812	55.379	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.760%
35) Dibromofluoromethane	5.373	113	126065	46.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.200%
50) Toluene-d8	8.635	98	437742	51.326	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.660%
62) 4-Bromofluorobenzene	11.061	95	188975	59.457	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.920%
Target Compounds						
16) Acetone	2.380	43	4639	3.882	ug/l	Qvalue 98

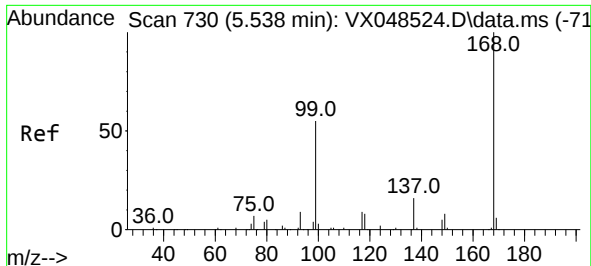
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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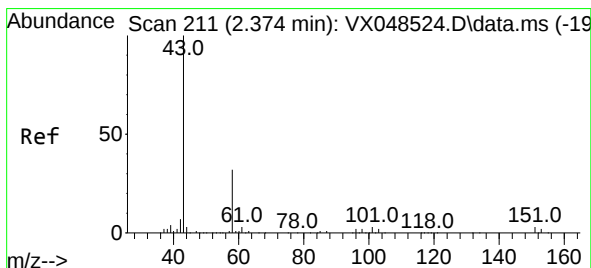
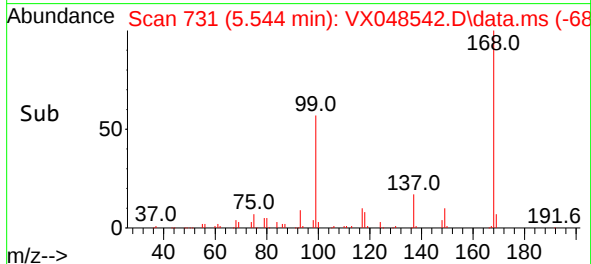
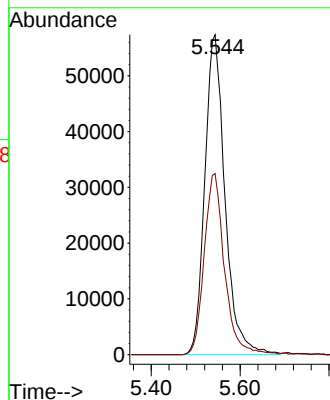
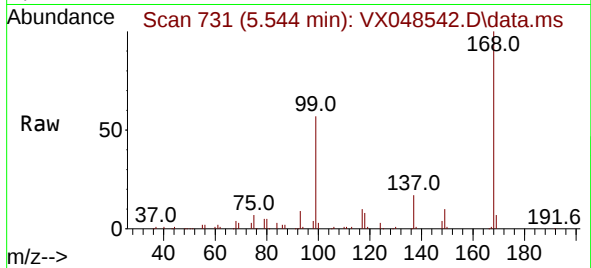




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

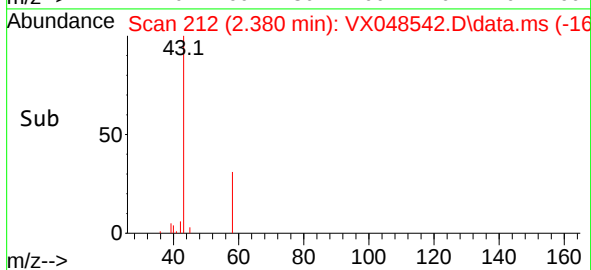
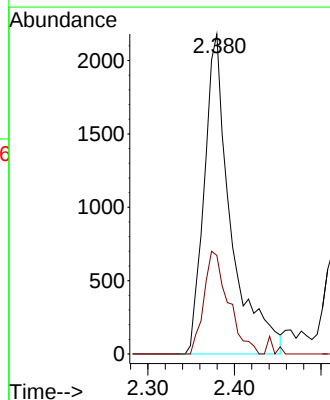
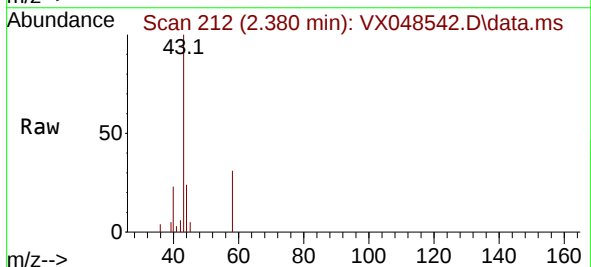
Instrument :
MSVOA_X
ClientSampleId :
SW-3

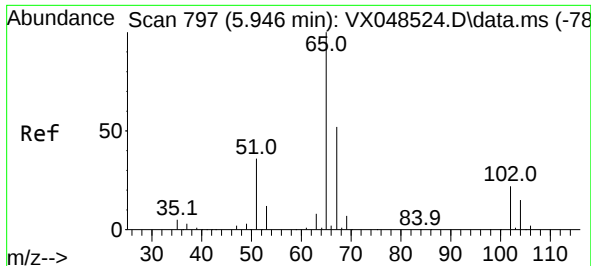
Tgt Ion:168 Resp: 181183
Ion Ratio Lower Upper
168 100
99 56.6 45.2 67.8



#16
Acetone
Concen: 3.882 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048542.D
Acq: 10 Nov 2025 16:08

Tgt Ion: 43 Resp: 4639
Ion Ratio Lower Upper
43 100
58 30.8 25.8 38.6

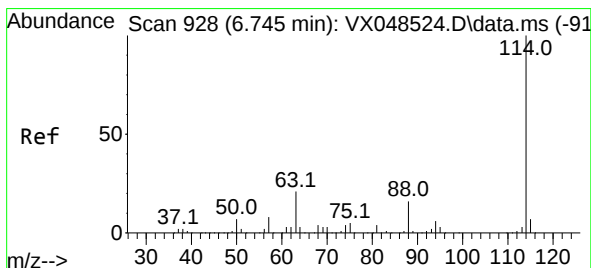
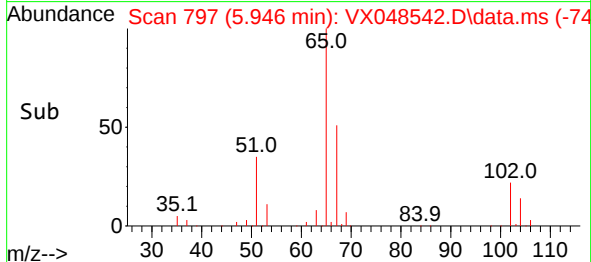
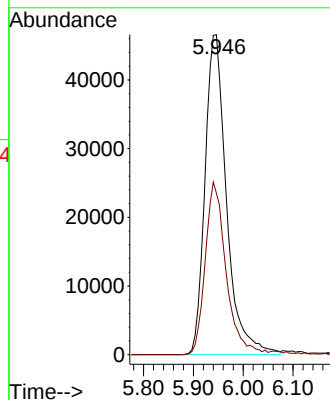
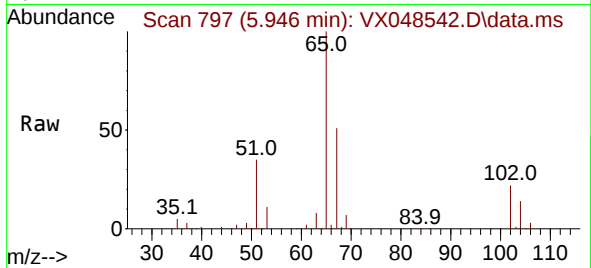




#33
 1,2-Dichloroethane-d4
 Concen: 55.379 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX048542.D
 Acq: 10 Nov 2025 16:08

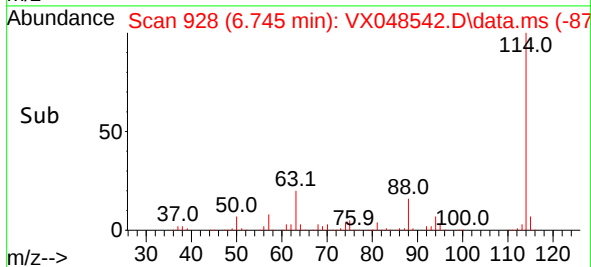
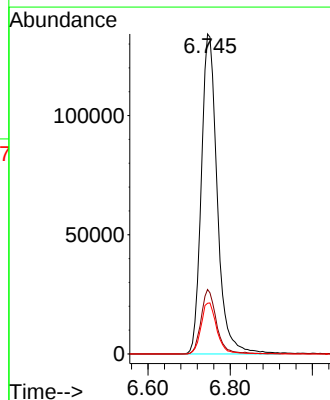
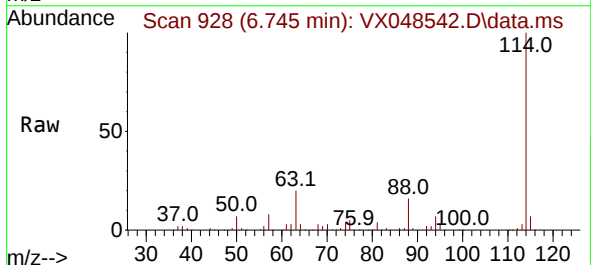
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-3

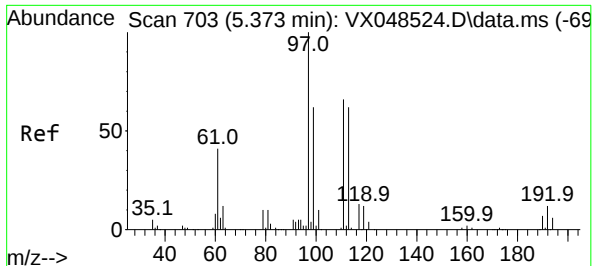
Tgt Ion: 65 Resp: 139812
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048542.D
 Acq: 10 Nov 2025 16:08

Tgt Ion: 114 Resp: 361304
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.2
 88 15.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 46.100 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048542.D

Acq: 10 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

SW-3

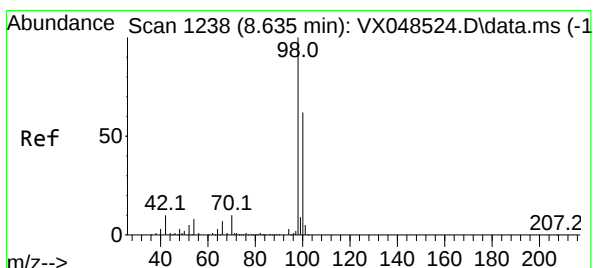
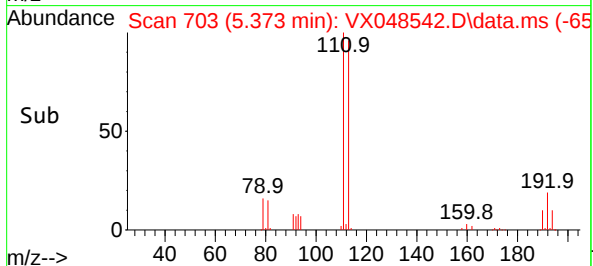
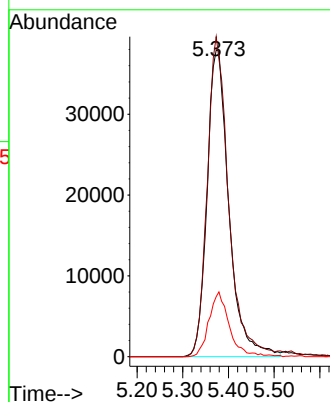
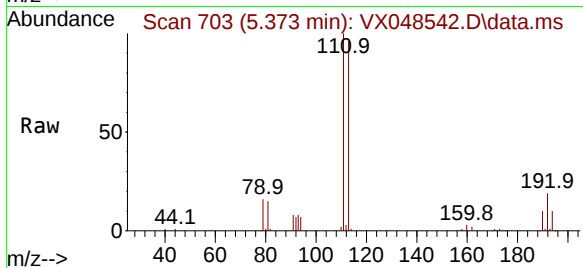
Tgt Ion:113 Resp: 126065

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 19.8 15.8 23.6



#50

Toluene-d8

Concen: 51.326 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048542.D

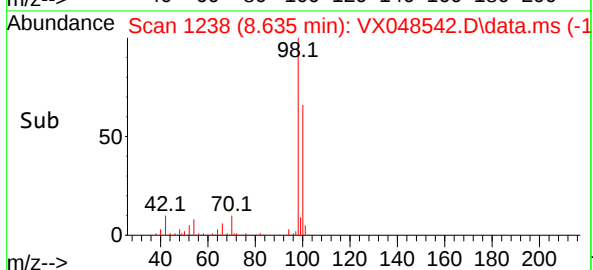
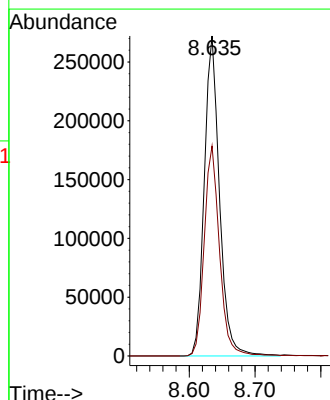
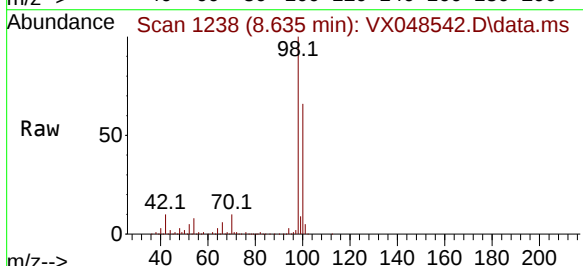
Acq: 10 Nov 2025 16:08

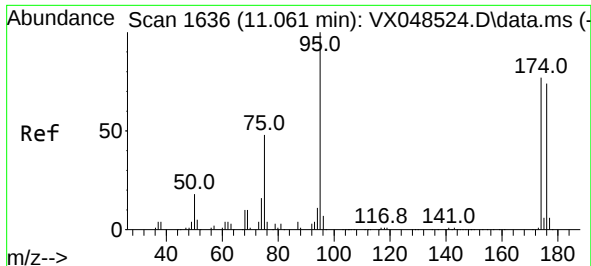
Tgt Ion: 98 Resp: 437742

Ion Ratio Lower Upper

98 100

100 66.0 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 59.457 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048542.D

Acq: 10 Nov 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

SW-3

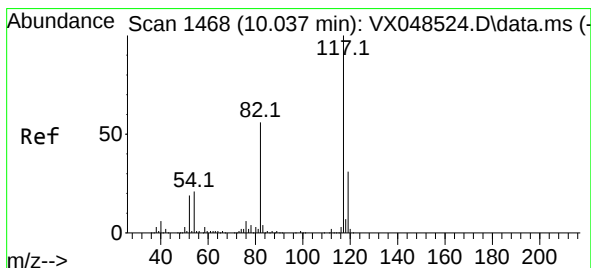
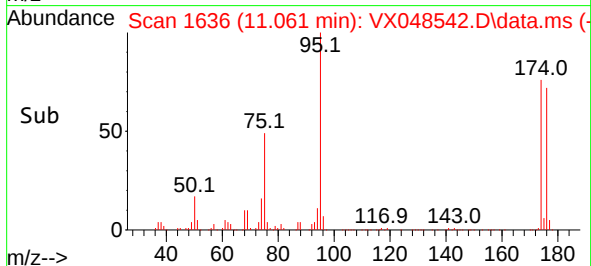
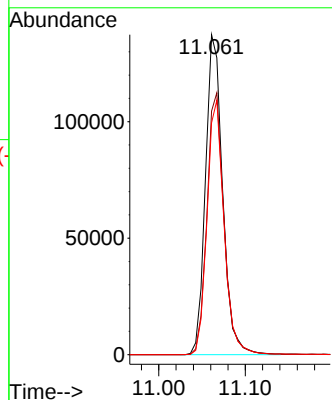
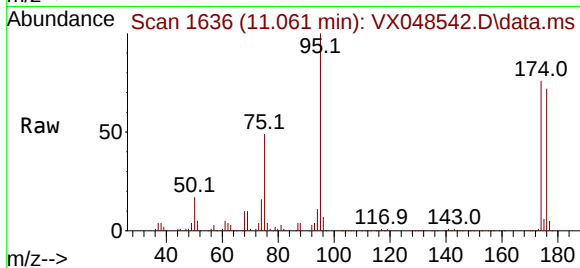
Tgt Ion: 95 Resp: 188975

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.8

176 79.1 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: VX048542.D

Acq: 10 Nov 2025 16:08

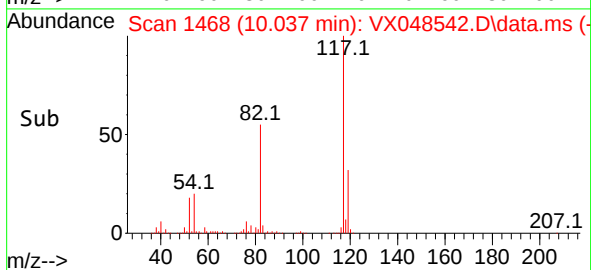
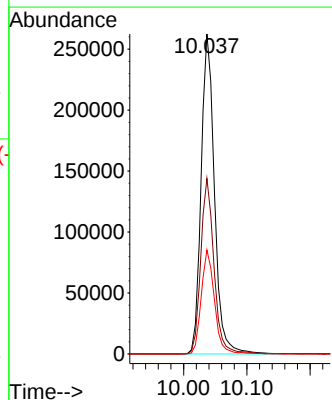
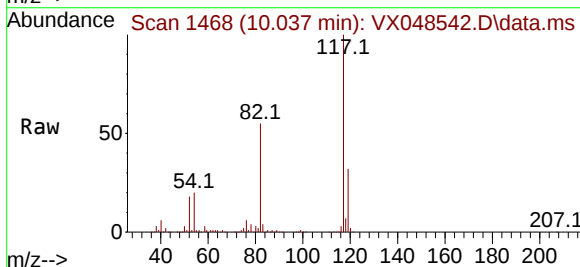
Tgt Ion: 117 Resp: 386173

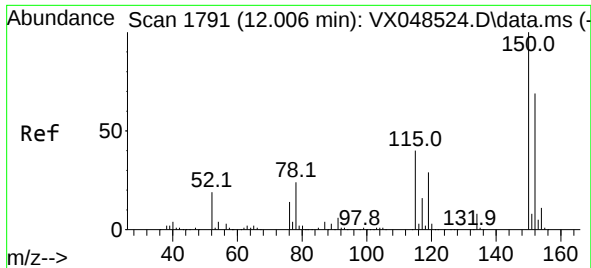
Ion Ratio Lower Upper

117 100

82 54.9 44.4 66.6

119 32.5 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: VX048542.D
 Acq: 10 Nov 2025 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-3

Tgt Ion:152 Resp: 204501
 Ion Ratio Lower Upper
 152 100
 115 58.6 39.2 117.6
 150 158.8 0.0 347.0

