

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048537.D
 Acq On : 10 Nov 2025 14:25
 Operator : JC/MD
 Sample : Q3584-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2

Quant Time: Nov 11 00:46:52 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)

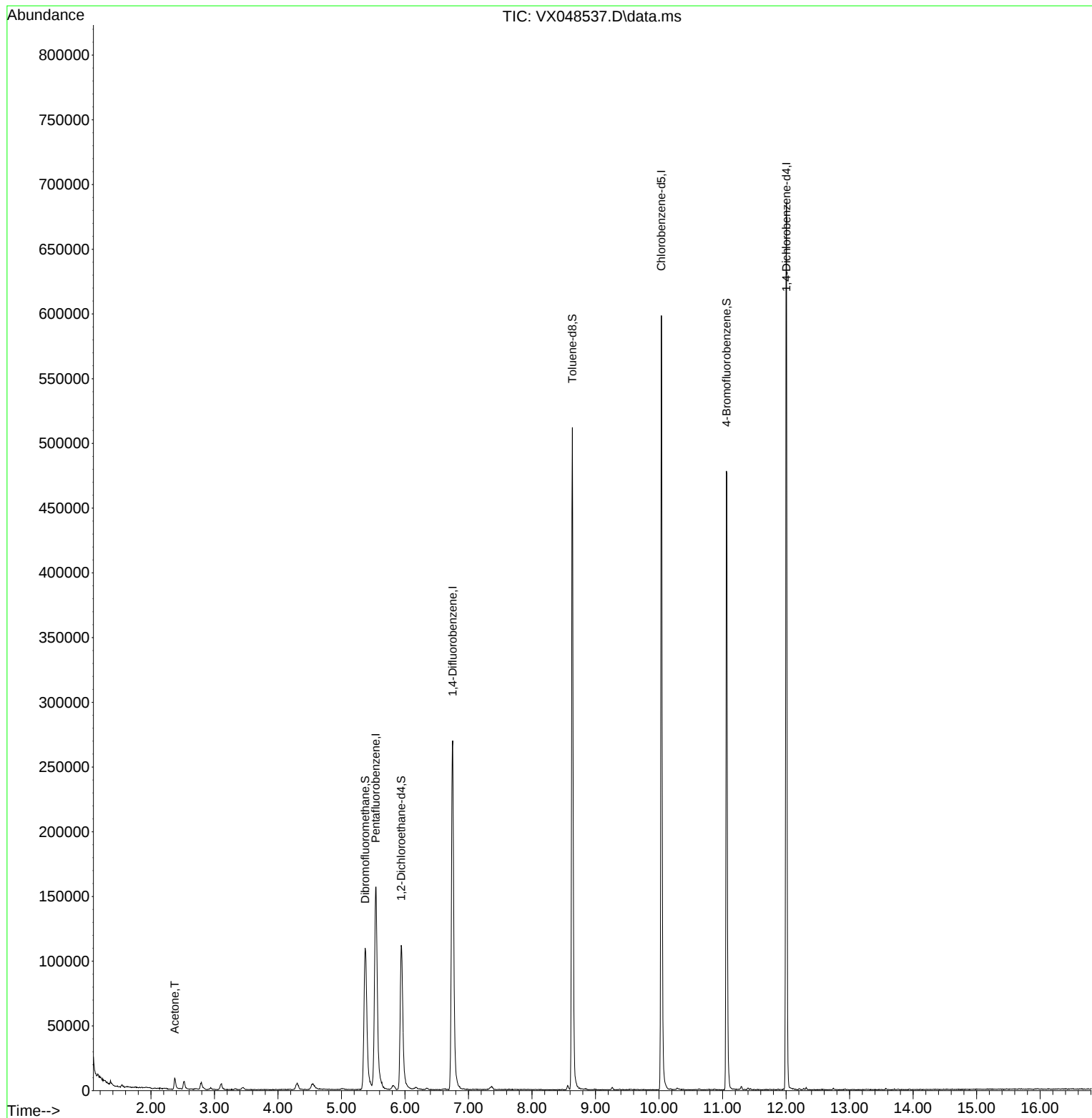
Internal Standards						
1) Pentafluorobenzene	5.538	168	162498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	302228	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	273363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	123706	54.634	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	109.260%	
35) Dibromofluoromethane	5.373	113	110365	48.248	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.500%	
50) Toluene-d8	8.635	98	316457	44.358	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	88.720%#	
62) 4-Bromofluorobenzene	11.061	95	135755	51.061	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.120%	
Target Compounds						
16) Acetone	2.373	43	11712	10.927	ug/l	Qvalue 91

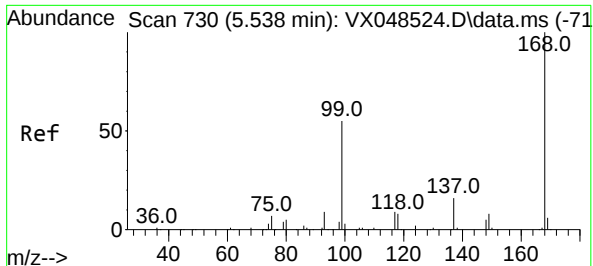
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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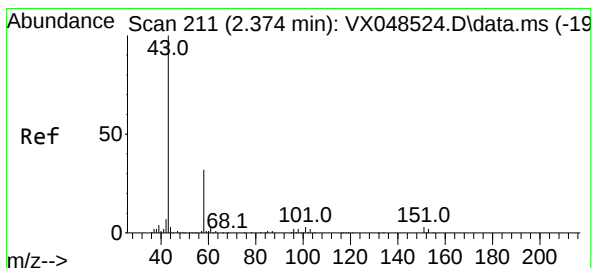
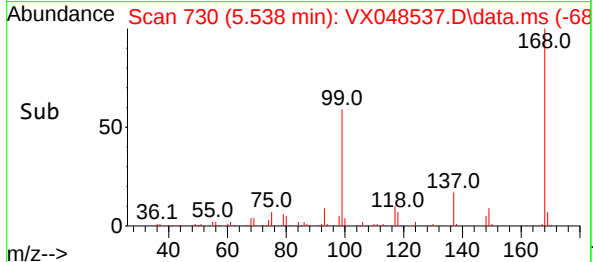
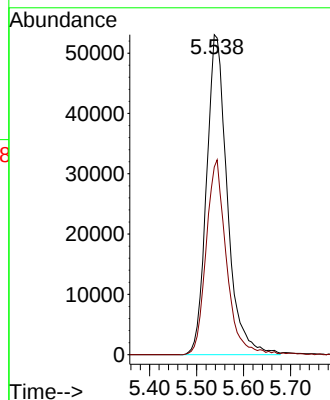
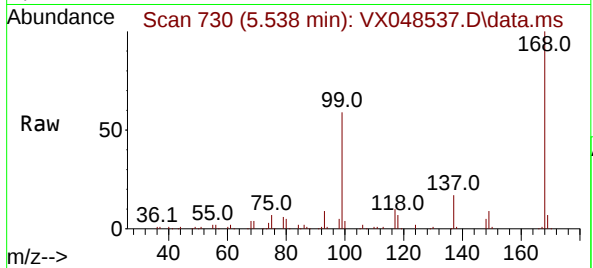




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048537.D
Acq: 10 Nov 2025 14:25

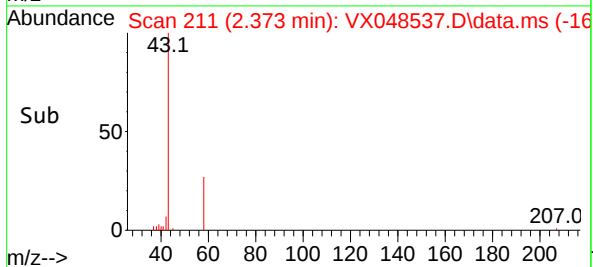
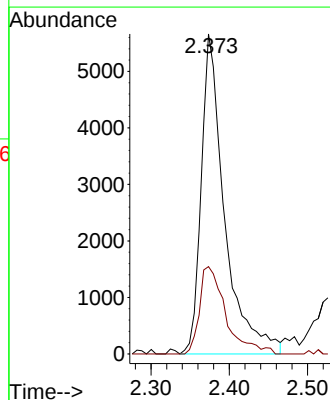
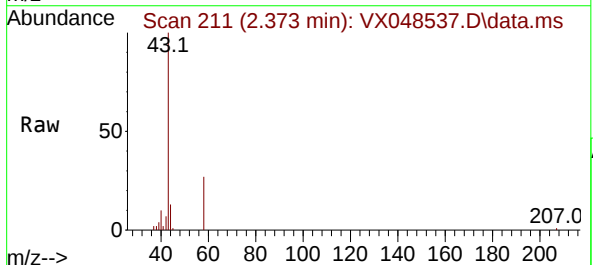
Instrument :
MSVOA_X
ClientSampleId :
EB-2

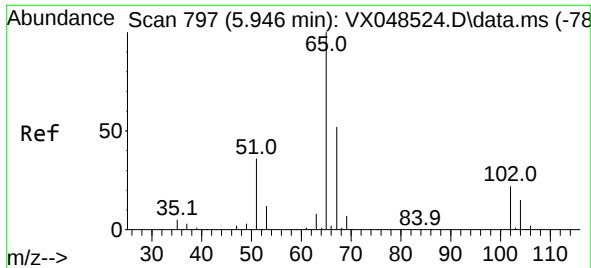
Tgt Ion:168 Resp: 162498
Ion Ratio Lower Upper
168 100
99 58.7 45.2 67.8



#16
Acetone
Concen: 10.927 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048537.D
Acq: 10 Nov 2025 14:25

Tgt Ion: 43 Resp: 11712
Ion Ratio Lower Upper
43 100
58 27.3 25.8 38.6

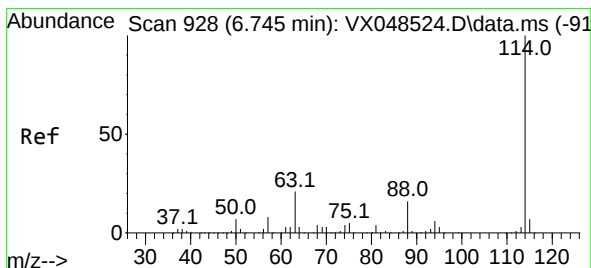
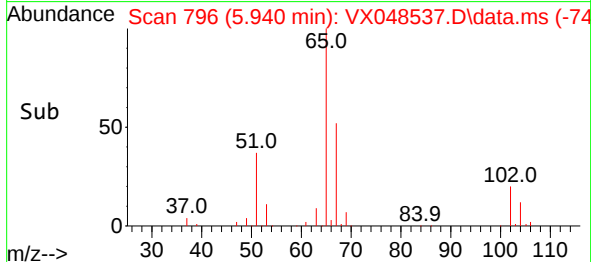
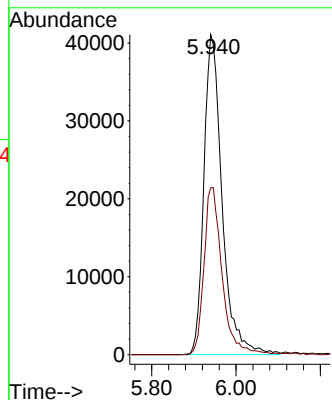
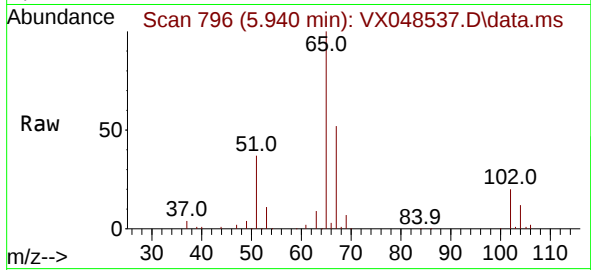




#33
 1,2-Dichloroethane-d4
 Concen: 54.634 ug/l
 RT: 5.940 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: VX048537.D
 Acq: 10 Nov 2025 14:25

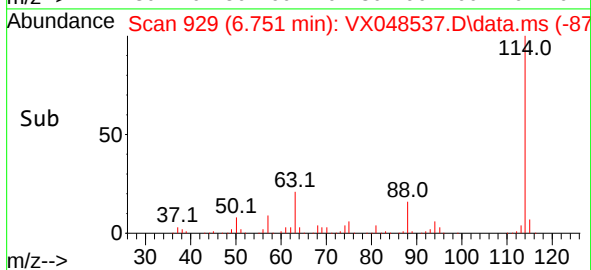
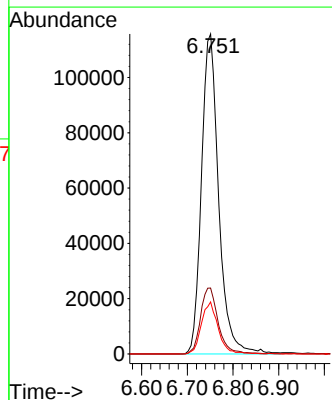
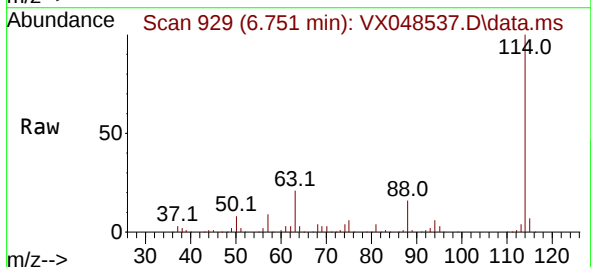
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2

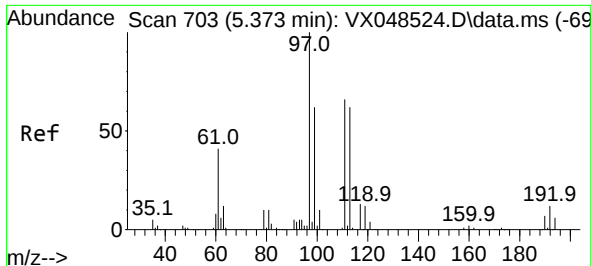
Tgt Ion: 65 Resp: 123706
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048537.D
 Acq: 10 Nov 2025 14:25

Tgt Ion: 114 Resp: 302228
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 16.3 0.0 32.2

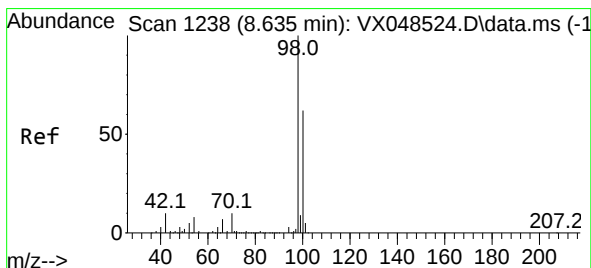
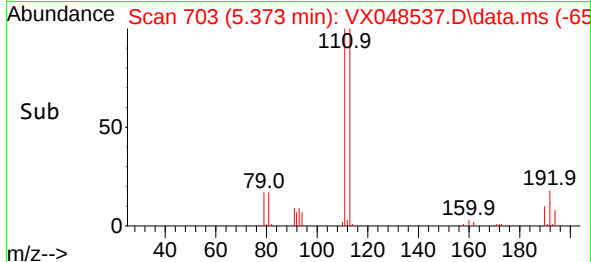
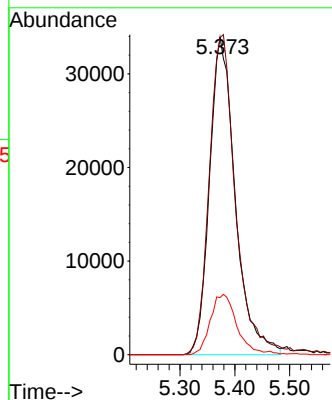
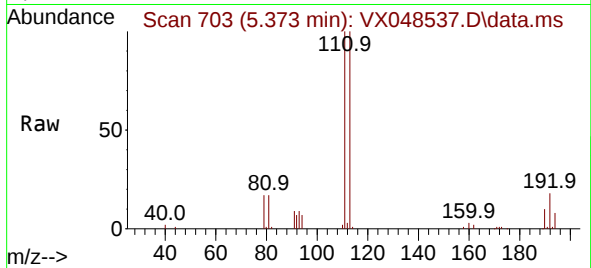




#35
Dibromofluoromethane
Concen: 48.248 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048537.D
Acq: 10 Nov 2025 14:25

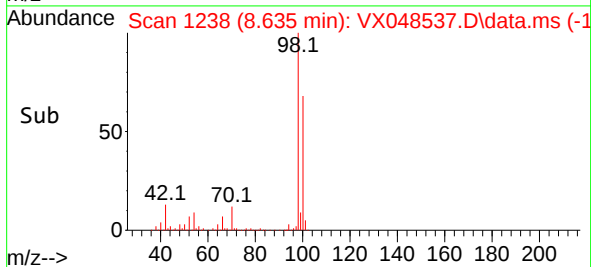
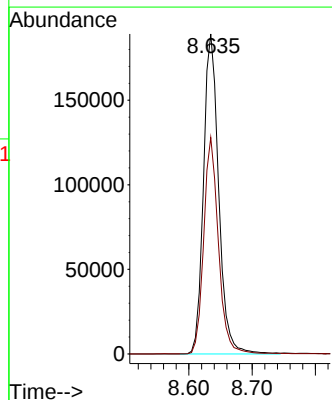
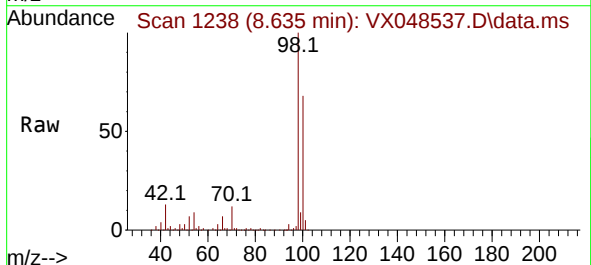
Instrument :
MSVOA_X
ClientSampleId :
EB-2

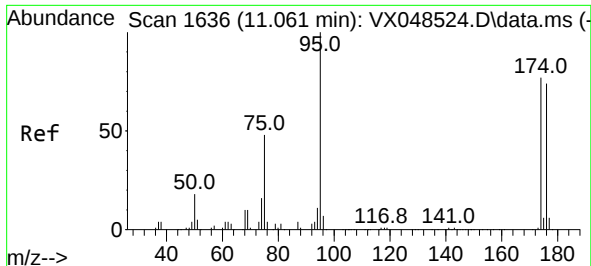
Tgt Ion:113 Resp: 110365
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.8 15.8 23.6



#50
Toluene-d8
Concen: 44.358 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048537.D
Acq: 10 Nov 2025 14:25

Tgt Ion: 98 Resp: 316457
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 51.061 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048537.D

Acq: 10 Nov 2025 14:25

Instrument :

MSVOA_X

ClientSampleId :

EB-2

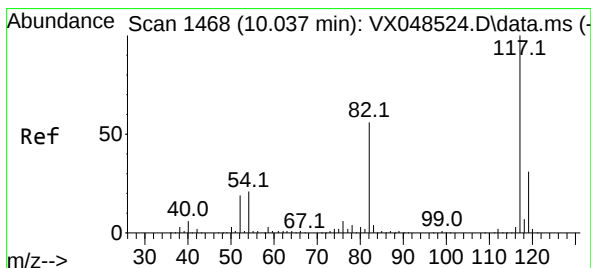
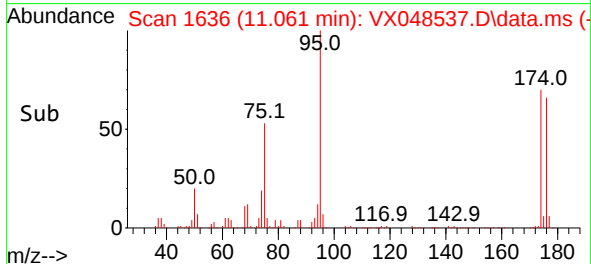
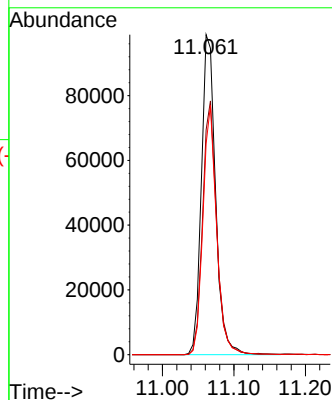
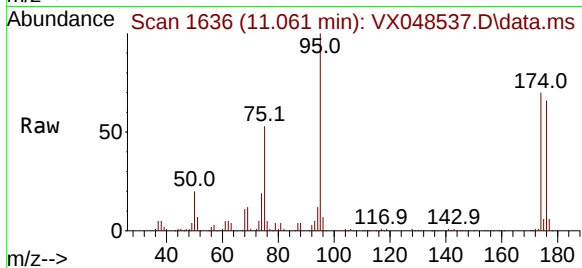
Tgt Ion: 95 Resp: 135755

Ion Ratio Lower Upper

95 100

174 78.8 0.0 161.8

176 75.5 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: VX048537.D

Acq: 10 Nov 2025 14:25

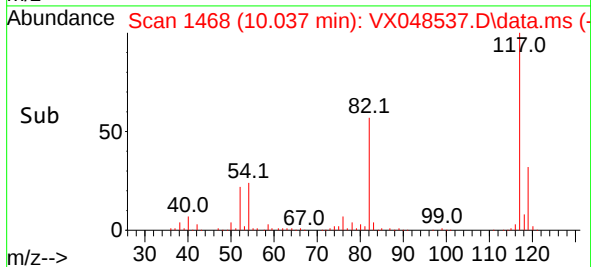
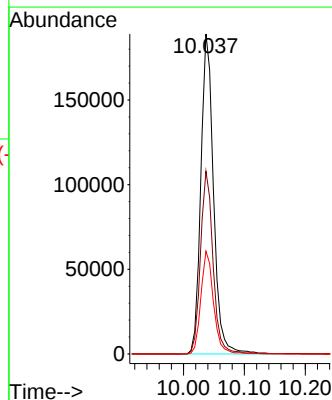
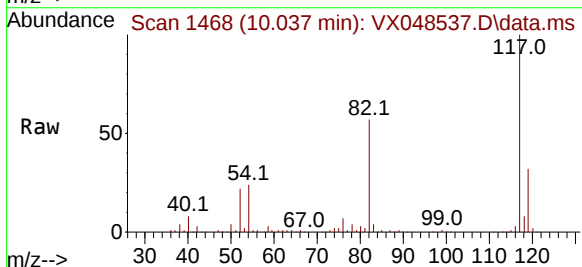
Tgt Ion: 117 Resp: 273363

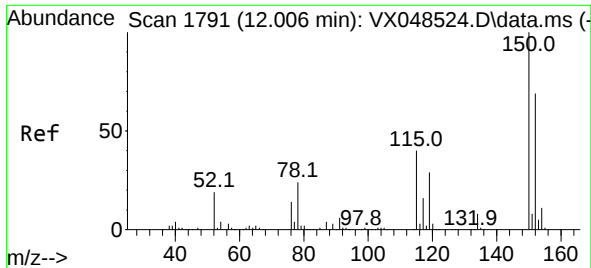
Ion Ratio Lower Upper

117 100

82 57.1 44.4 66.6

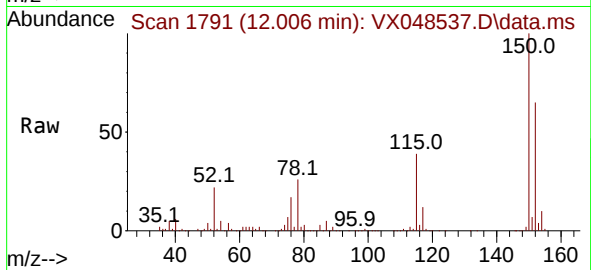
119 32.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048537.D
 Acq: 10 Nov 2025 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2



Tgt Ion:152 Resp: 145867
 Ion Ratio Lower Upper
 152 100
 115 60.7 39.2 117.6
 150 155.9 0.0 347.0

