

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
 Data File : VX048555.D
 Acq On : 11 Nov 2025 11:43
 Operator : JC/MD
 Sample : Q3584-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2

Quant Time: Nov 12 04:44:02 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)

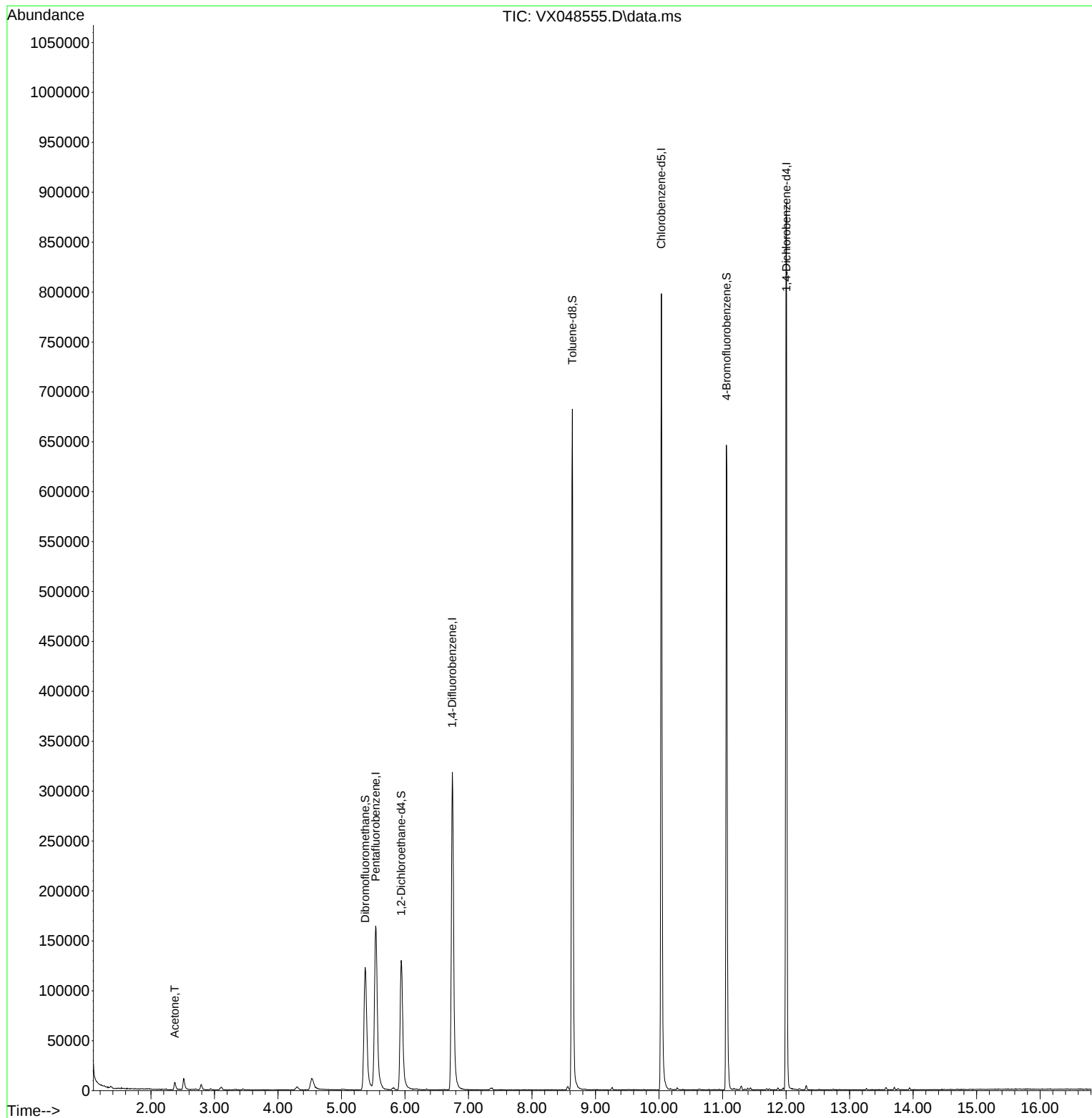
Internal Standards						
1) Pentafluorobenzene	5.538	168	180349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	362115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	387054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	202689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	142446	56.683	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.360%
35) Dibromofluoromethane	5.373	113	126313	46.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.180%
50) Toluene-d8	8.635	98	439077	51.367	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.740%
62) 4-Bromofluorobenzene	11.061	95	191335	60.064	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.120%
Target Compounds						
16) Acetone	2.373	43	9784	8.225	ug/l	Qvalue 96

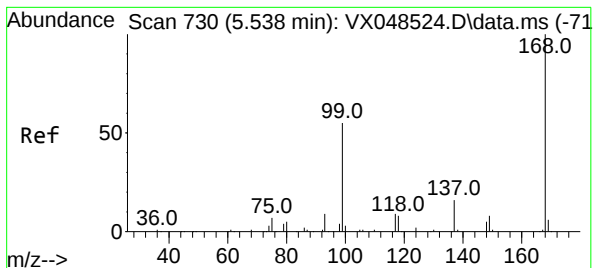
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.000 min

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MSVOA_X

ClientSampleId :

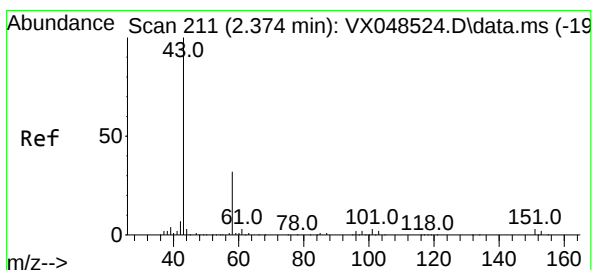
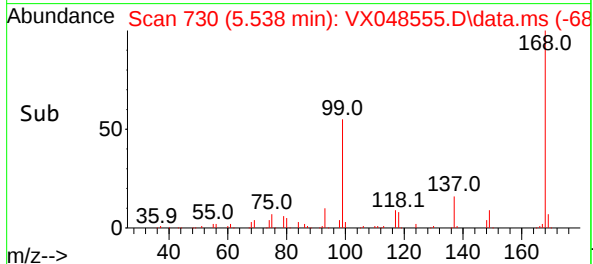
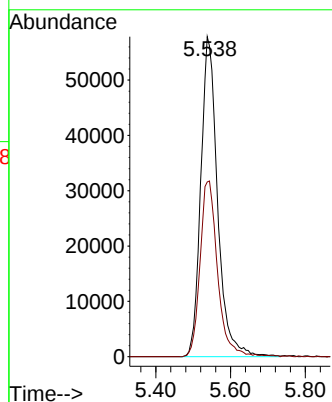
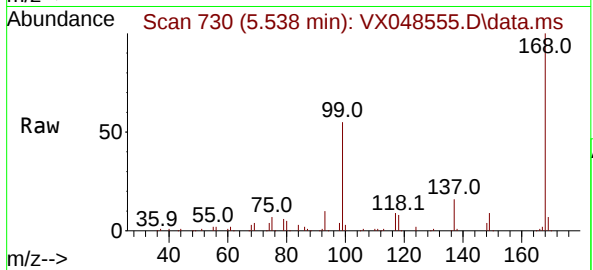
EB-2

Tgt Ion:168 Resp: 180349

Ion Ratio Lower Upper

168 100

99 54.6 45.2 67.8



#16

Acetone

Concen: 8.225 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048555.D

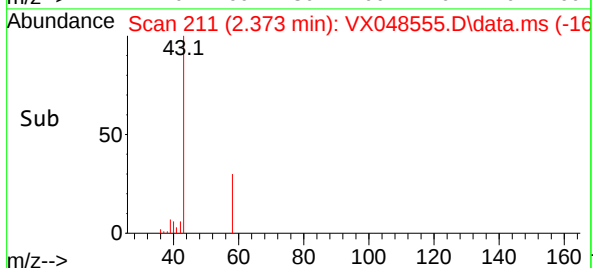
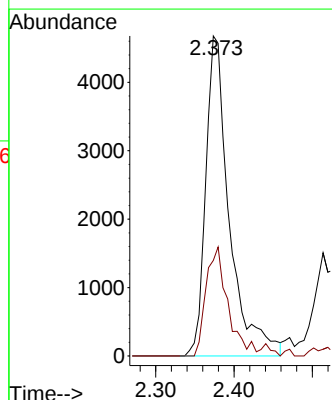
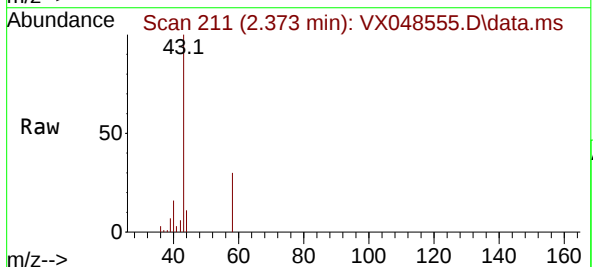
Acq: 11 Nov 2025 11:43

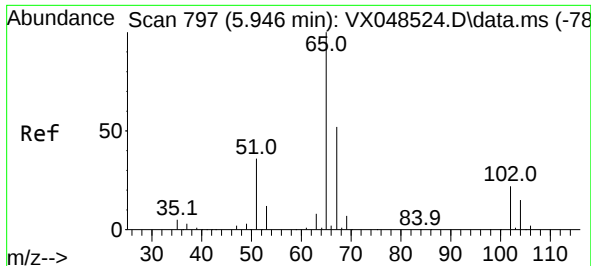
Tgt Ion: 43 Resp: 9784

Ion Ratio Lower Upper

43 100

58 29.9 25.8 38.6





#33

1,2-Dichloroethane-d4

Concen: 56.683 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048555.D

Acq: 11 Nov 2025 11:43

Instrument :

MSVOA_X

ClientSampleId :

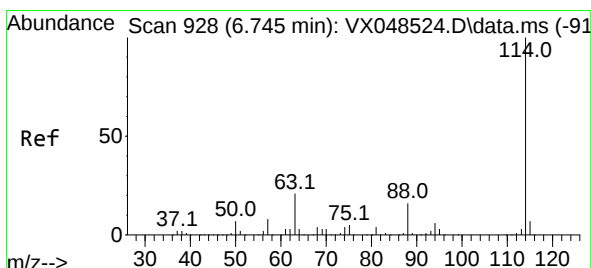
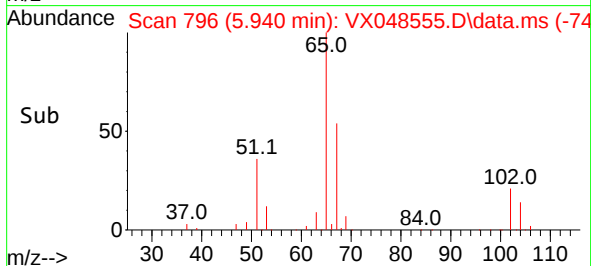
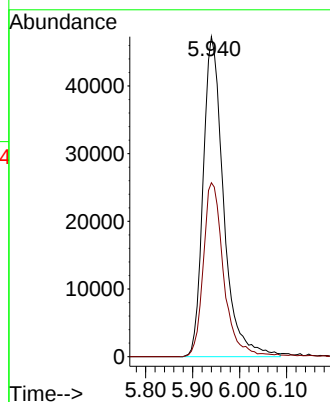
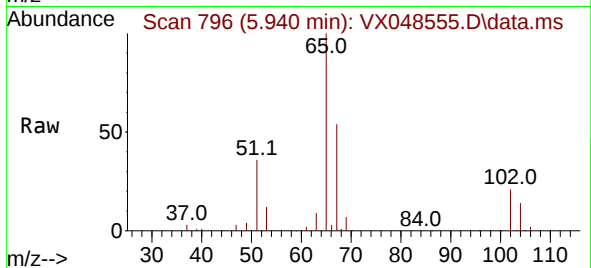
EB-2

Tgt Ion: 65 Resp: 142446

Ion Ratio Lower Upper

65 100

67 54.4 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: VX048555.D

Acq: 11 Nov 2025 11:43

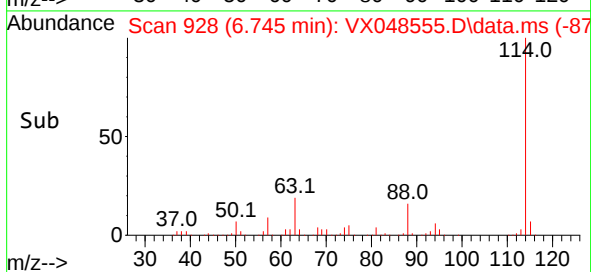
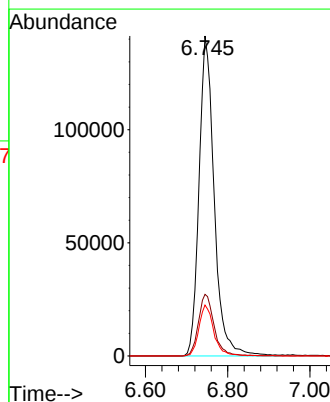
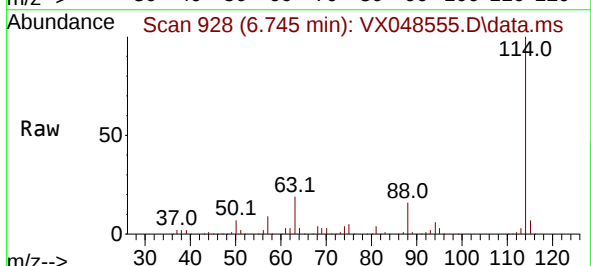
Tgt Ion: 114 Resp: 362115

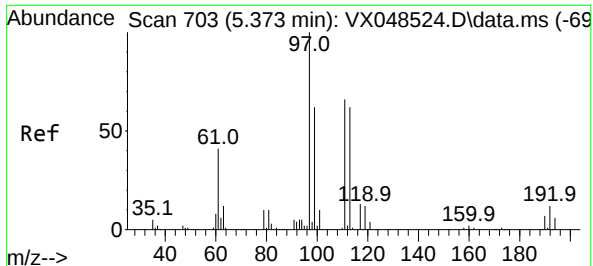
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.2

88 15.9 0.0 32.2

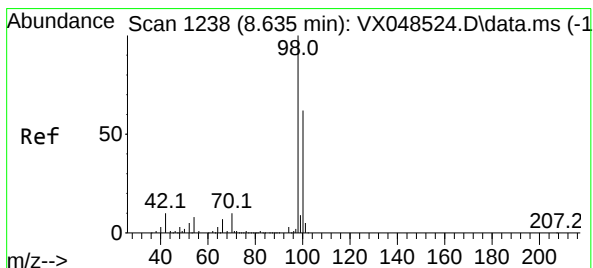
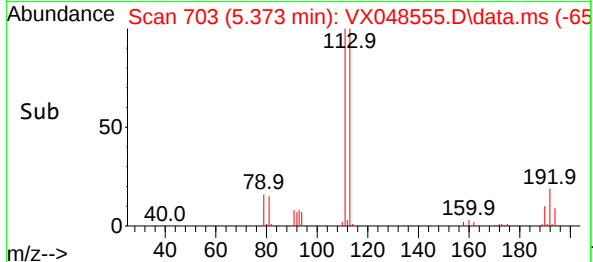
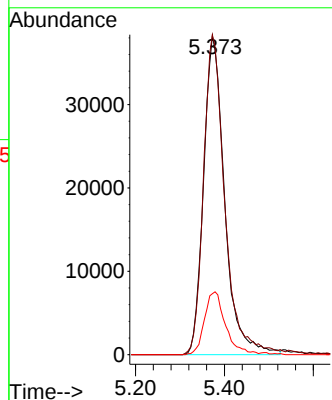
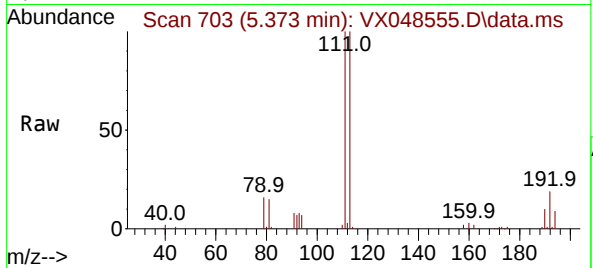




#35
Dibromofluoromethane
Concen: 46.088 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

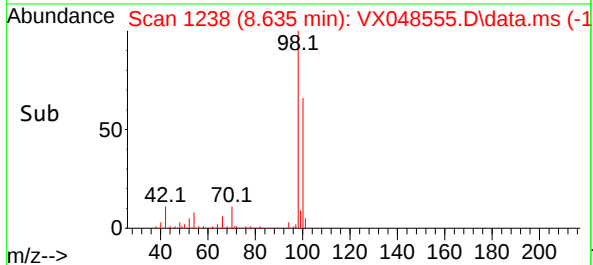
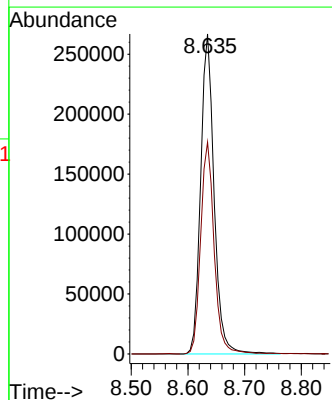
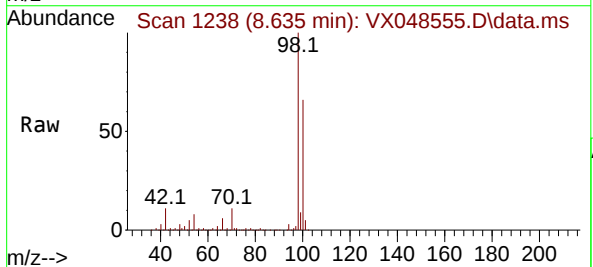
Instrument :
MSVOA_X
ClientSampleId :
EB-2

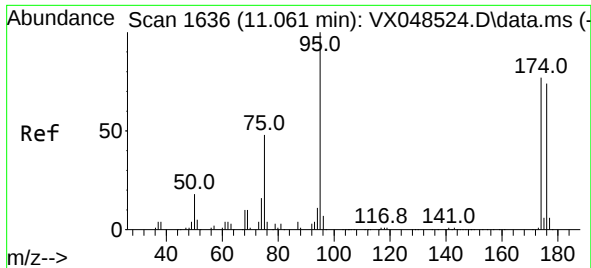
Tgt Ion:113 Resp: 126313
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.6 15.8 23.6



#50
Toluene-d8
Concen: 51.367 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 98 Resp: 439077
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

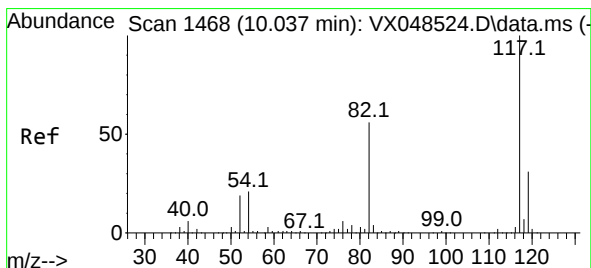
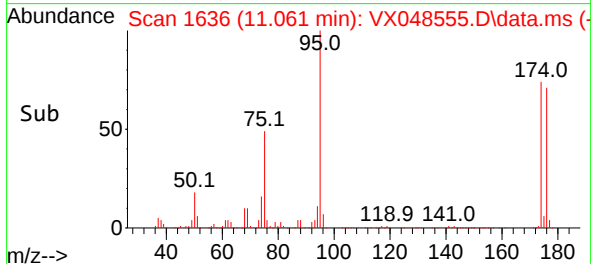
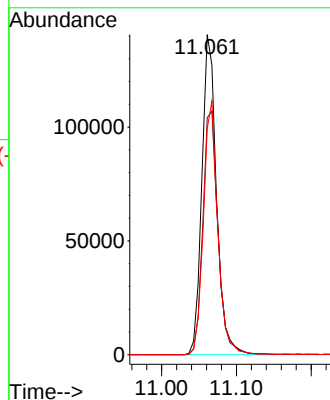
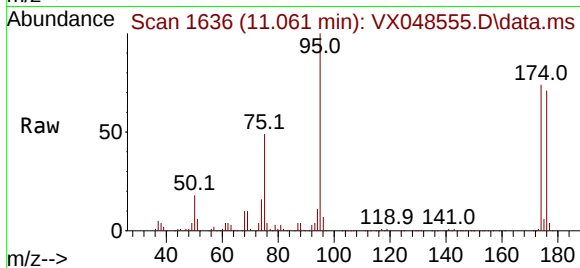




#62
4-Bromofluorobenzene
Concen: 60.064 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

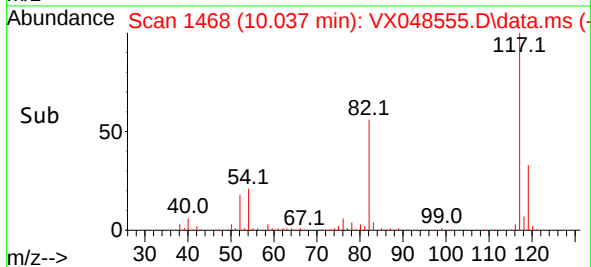
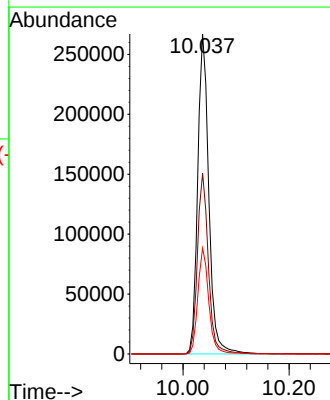
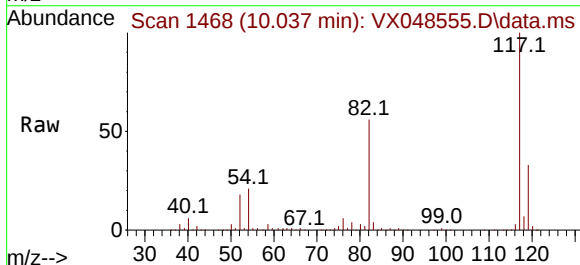
Instrument :
MSVOA_X
ClientSampleId :
EB-2

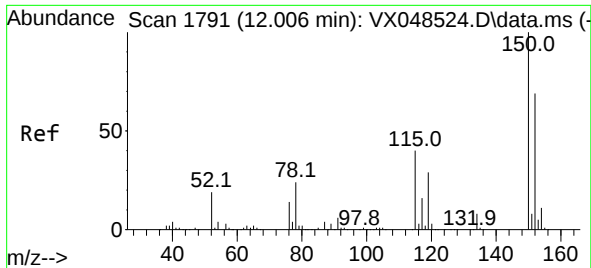
Tgt Ion: 95 Resp: 191335
Ion Ratio Lower Upper
95 100
174 79.0 0.0 161.8
176 77.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

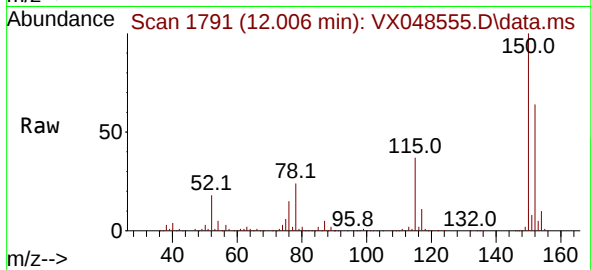
Tgt Ion: 117 Resp: 387054
Ion Ratio Lower Upper
117 100
82 56.5 44.4 66.6
119 33.1 25.1 37.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2



Tgt Ion:152 Resp: 202689
Ion Ratio Lower Upper
152 100
115 58.3 39.2 117.6
150 156.5 0.0 347.0

