

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048572.D
 Acq On : 12 Nov 2025 12:40
 Operator : JC/MD
 Sample : Q3604-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-1

Quant Time: Nov 12 12:58:17 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)

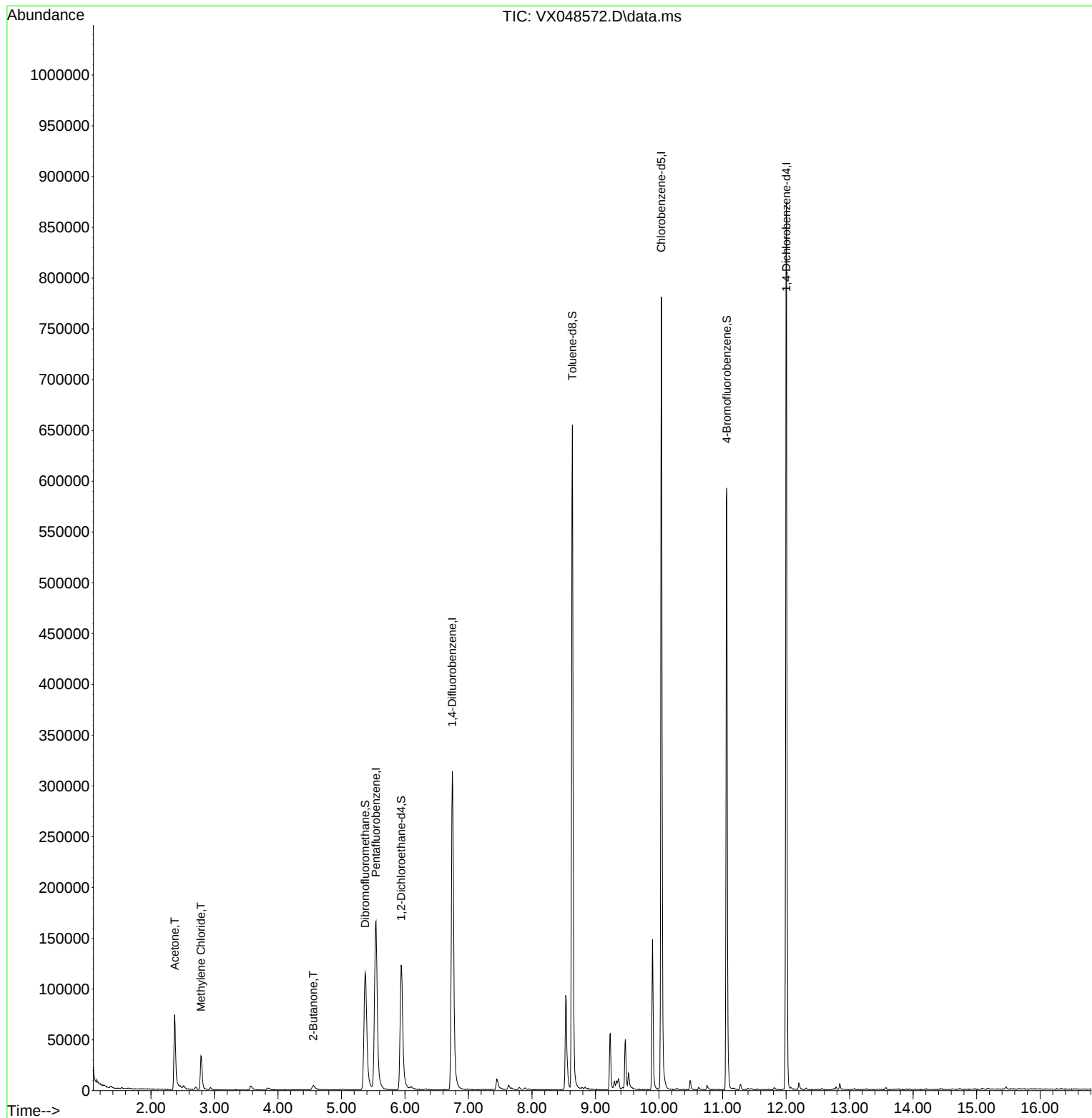
Internal Standards						
1) Pentafluorobenzene	5.544	168	178690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	357430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	368888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	192403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	134160	53.882	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.760%
35) Dibromofluoromethane	5.373	113	119142	44.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.080%
50) Toluene-d8	8.635	98	411680	48.793	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.067	95	172063	54.722	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.440%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	100102	84.933	ug/l	95
20) Methylene Chloride	2.788	84	17291	7.136	ug/l	87
25) 2-Butanone	4.556	43	9928	5.694	ug/l	99

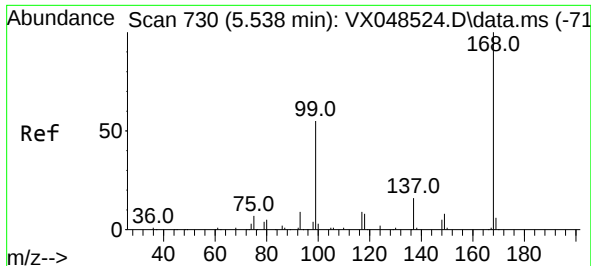
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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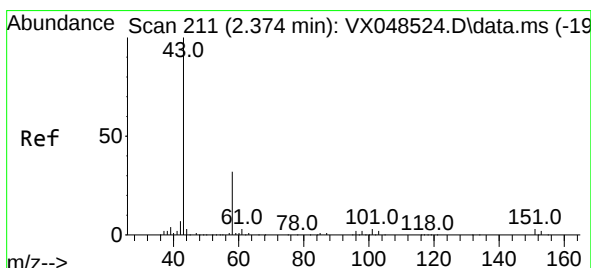
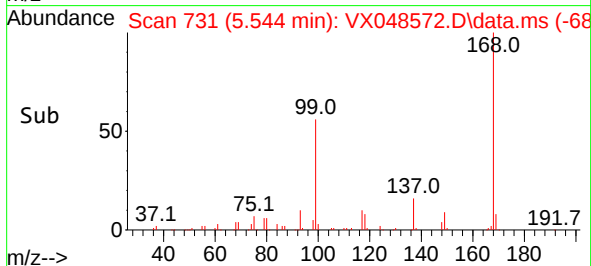
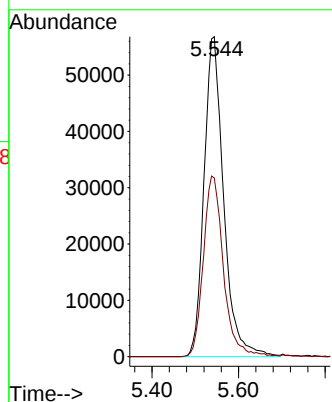
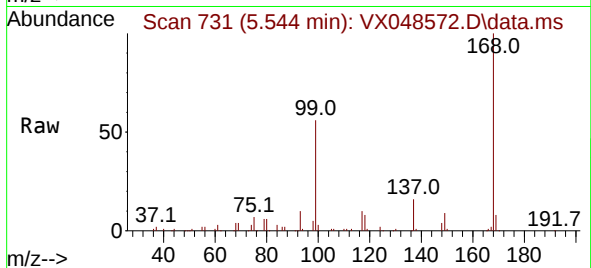




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048572.D
Acq: 12 Nov 2025 12:40

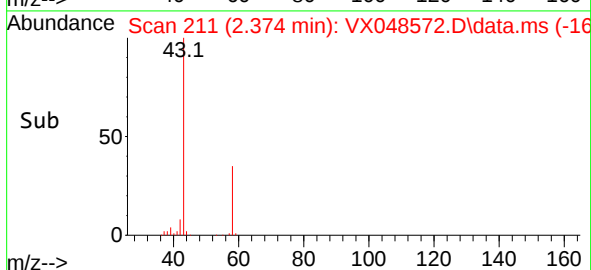
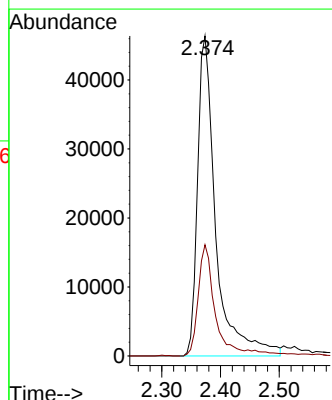
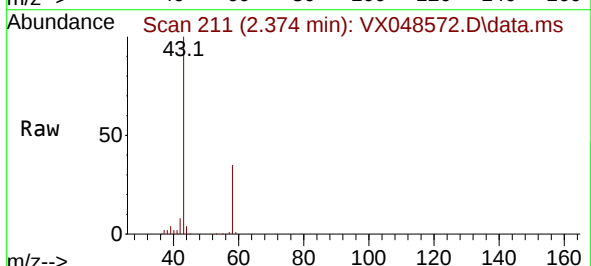
Instrument :
MSVOA_X
ClientSampleId :
S-1

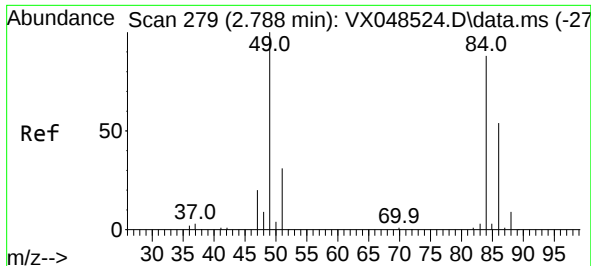
Tgt Ion:168 Resp: 178690
Ion Ratio Lower Upper
168 100
99 55.8 45.2 67.8



#16
Acetone
Concen: 84.933 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048572.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 43 Resp: 100102
Ion Ratio Lower Upper
43 100
58 34.8 25.8 38.6

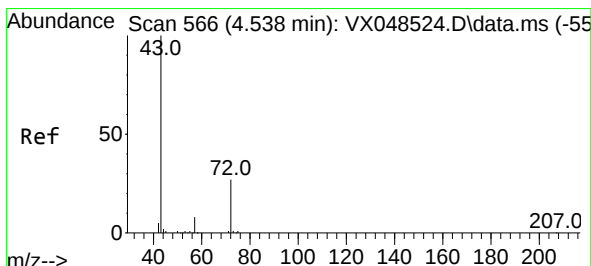
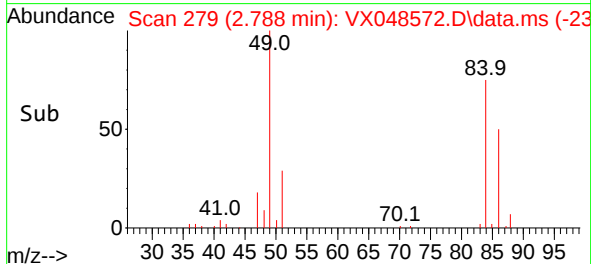
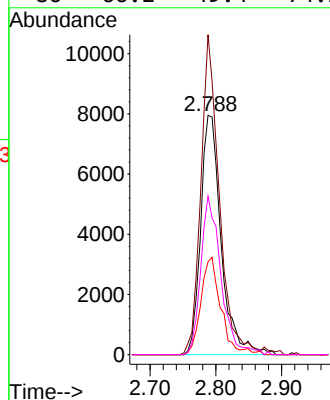
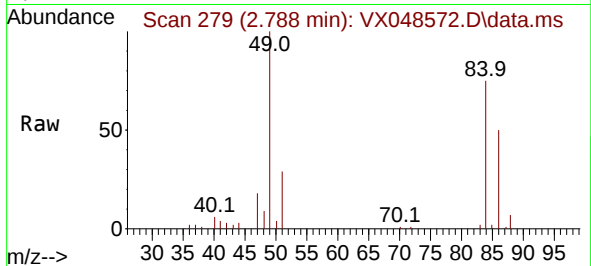




#20
Methylene Chloride
Concen: 7.136 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048572.D
Acq: 12 Nov 2025 12:40

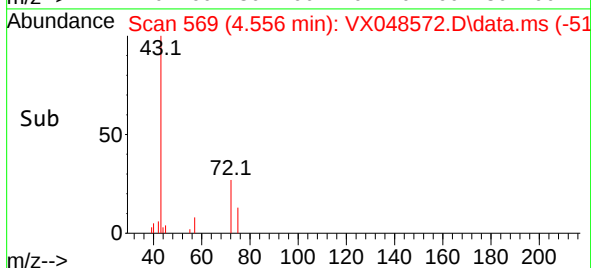
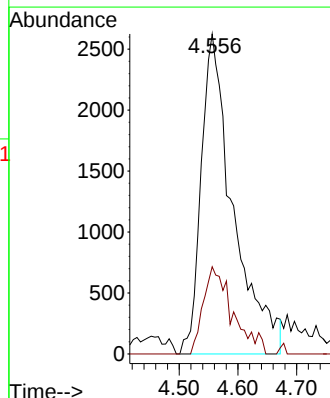
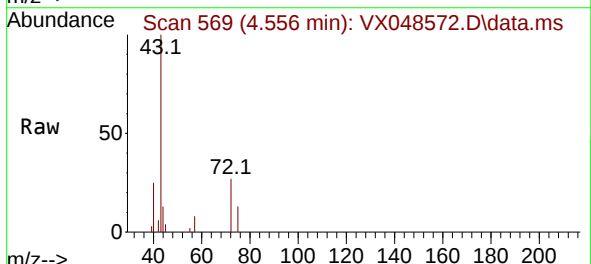
Instrument :
MSVOA_X
ClientSampleId :
S-1

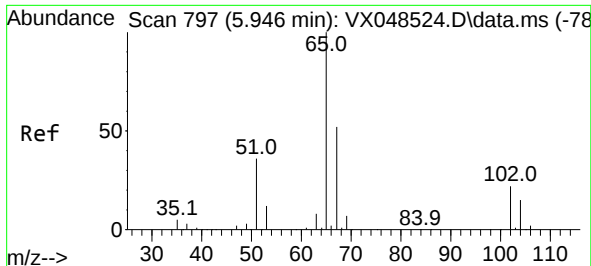
Tgt Ion:	84	Resp:	17291
Ion	Ratio	Lower	Upper
84	100		
49	133.7	91.2	136.8
51	38.8	28.3	42.5
86	66.2	49.4	74.2



#25
2-Butanone
Concen: 5.694 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048572.D
Acq: 12 Nov 2025 12:40

Tgt Ion:	43	Resp:	9928
Ion	Ratio	Lower	Upper
43	100		
72	27.2	21.5	32.3





#33

1,2-Dichloroethane-d4

Concen: 53.882 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048572.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_X

ClientSampleId :

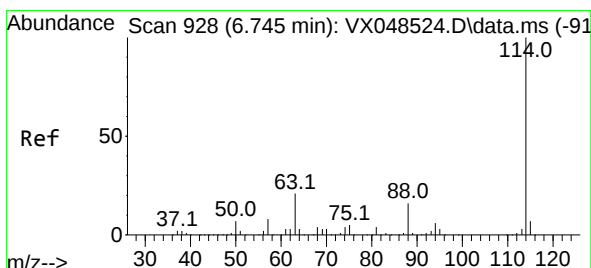
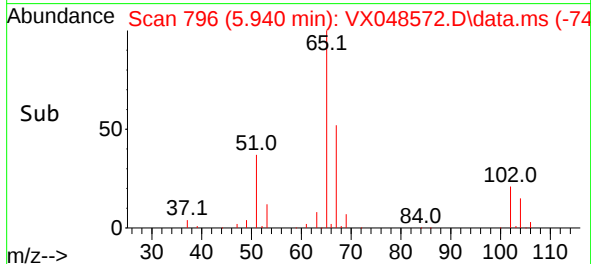
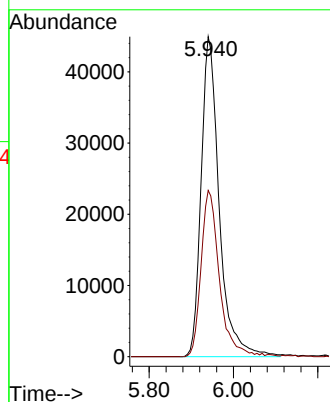
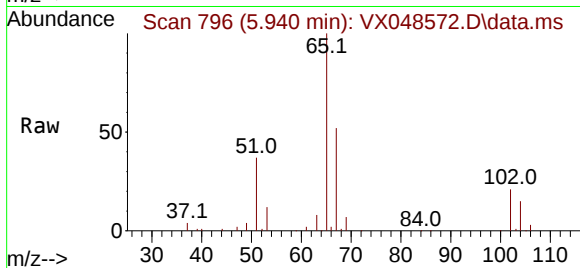
S-1

Tgt Ion: 65 Resp: 134160

Ion Ratio Lower Upper

65 100

67 52.7 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: VX048572.D

Acq: 12 Nov 2025 12:40

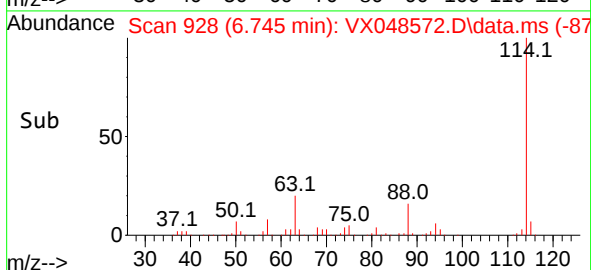
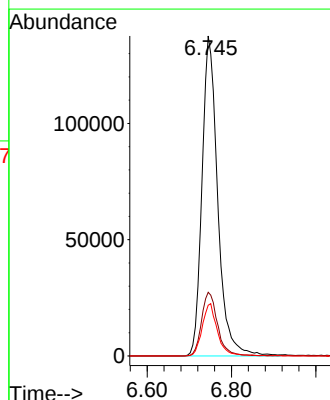
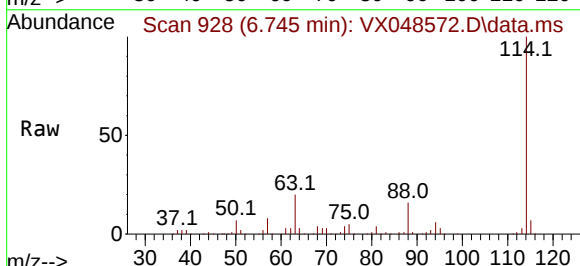
Tgt Ion: 114 Resp: 357430

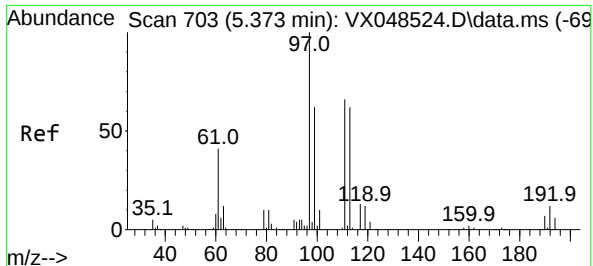
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.2

88 15.9 0.0 32.2

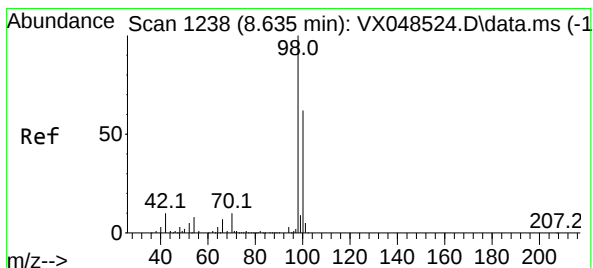
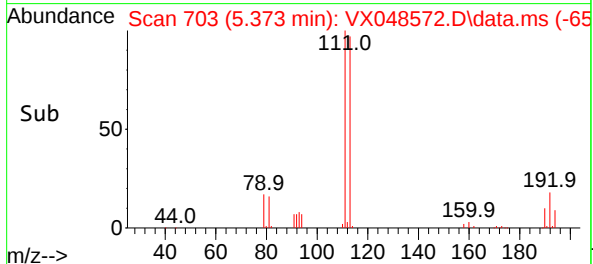
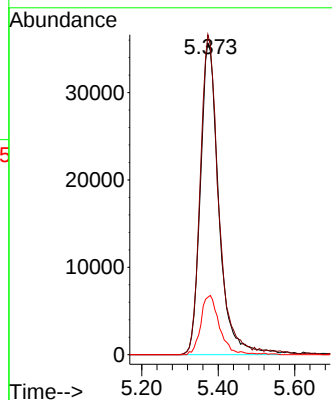
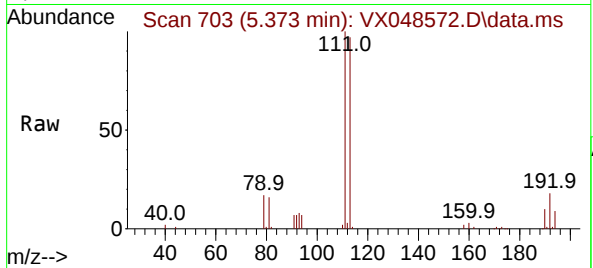




#35
Dibromofluoromethane
Concen: 44.041 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048572.D
Acq: 12 Nov 2025 12:40

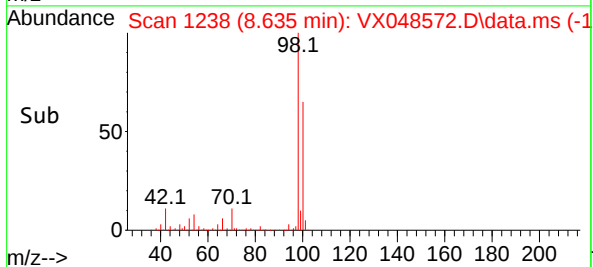
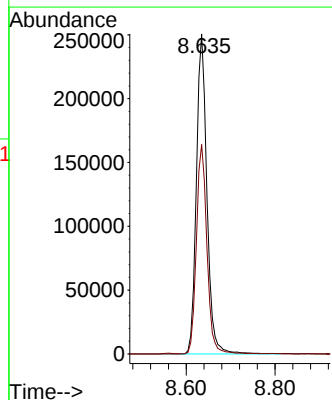
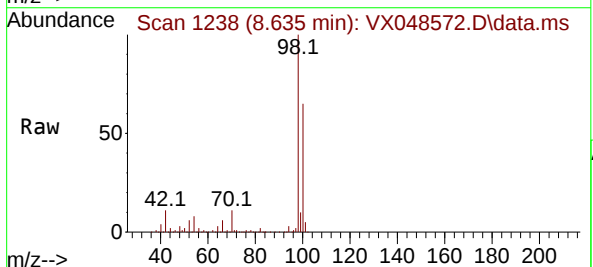
Instrument :
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ClientSampleId :
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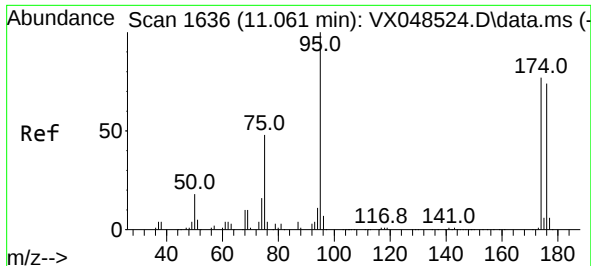
Tgt Ion:113 Resp: 119142
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.2 15.8 23.6



#50
Toluene-d8
Concen: 48.793 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048572.D
Acq: 12 Nov 2025 12:40

Tgt Ion: 98 Resp: 411680
Ion Ratio Lower Upper
98 100
100 65.0 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 54.722 ug/l

RT: 11.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048572.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_X

ClientSampleId :

S-1

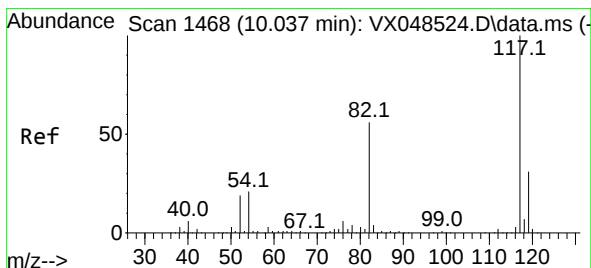
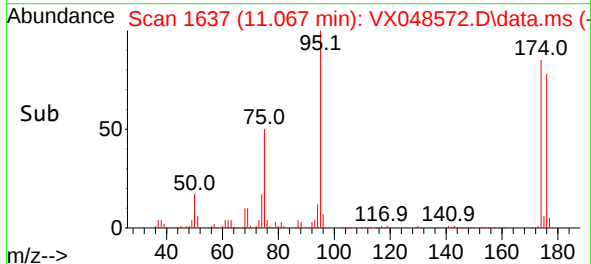
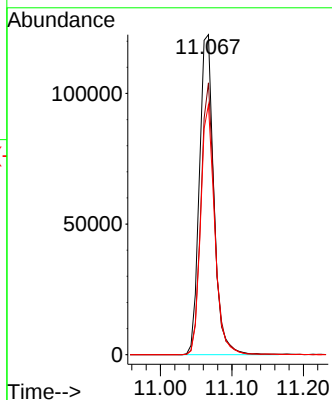
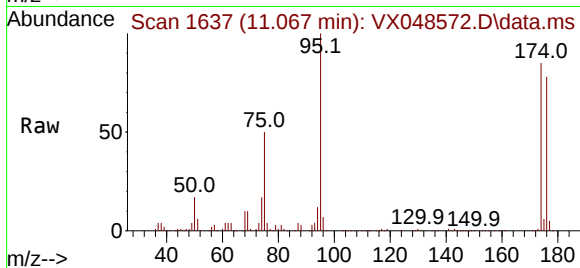
Tgt Ion: 95 Resp: 172063

Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.8

176 76.2 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: VX048572.D

Acq: 12 Nov 2025 12:40

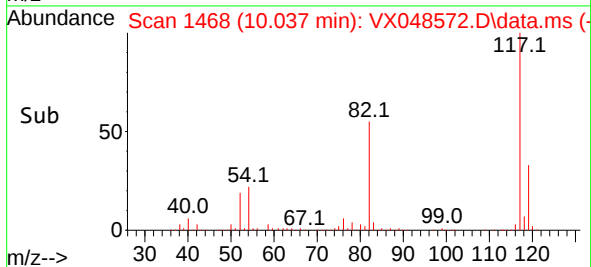
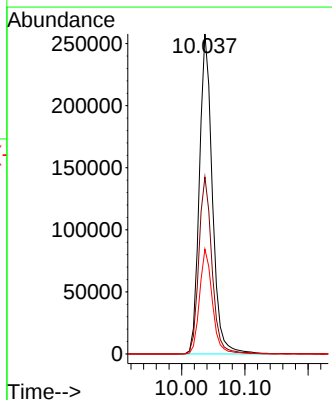
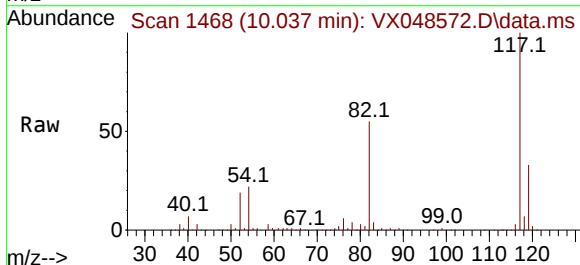
Tgt Ion: 117 Resp: 368888

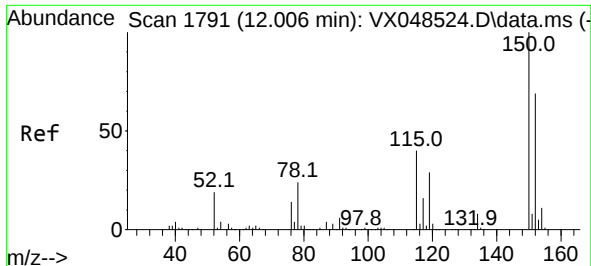
Ion Ratio Lower Upper

117 100

82 55.3 44.4 66.6

119 32.8 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: VX048572.D

Acq: 12 Nov 2025 12:40

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 192403

Ion Ratio Lower Upper

152 100

115 60.2 39.2 117.6

150 156.4 0.0 347.0

