

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048852.D
 Acq On : 12 Dec 2025 14:15
 Operator : JC/MD
 Sample : Q3828-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-03-138-120925

Quant Time: Dec 12 22:13:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

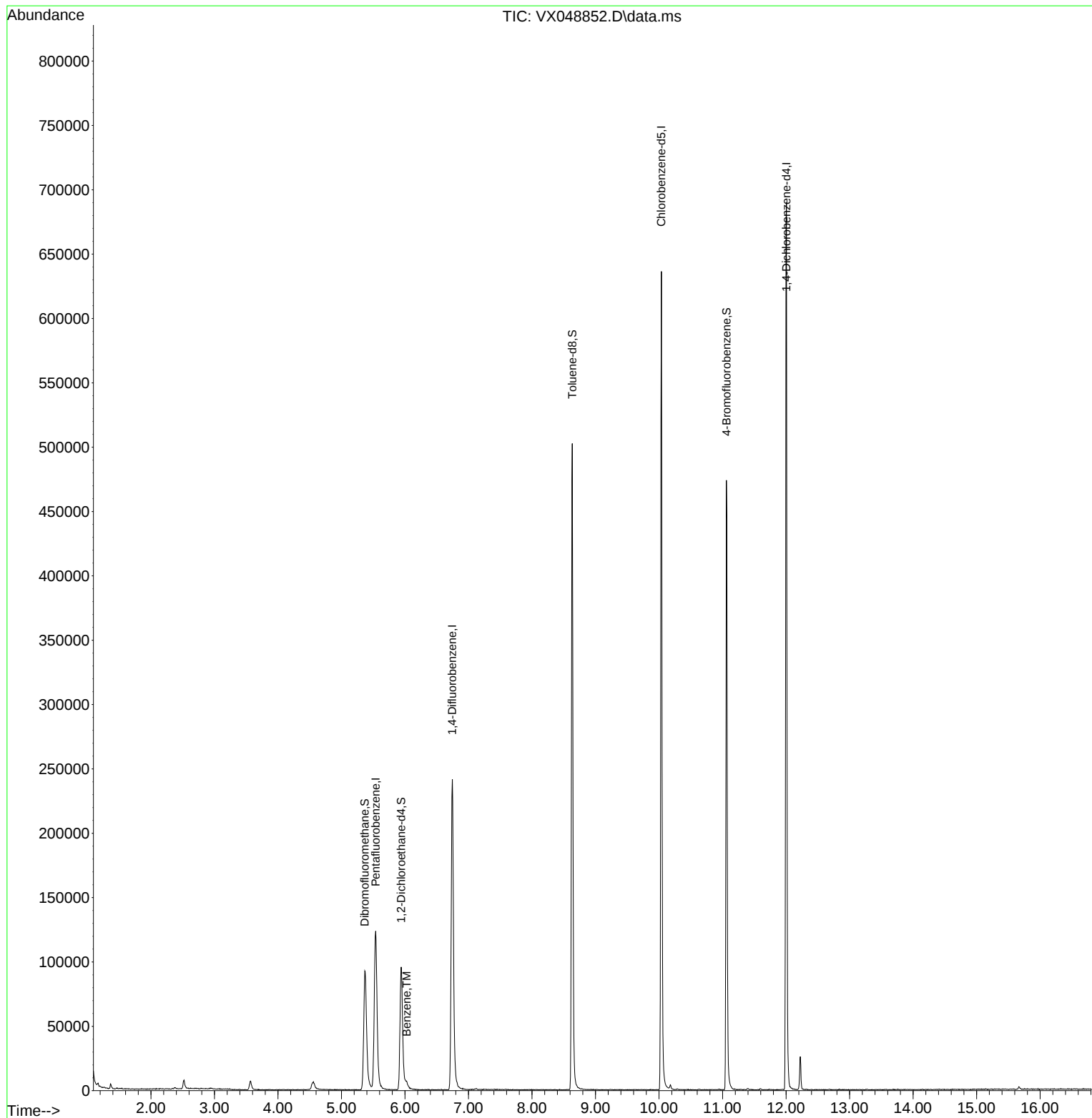
Internal Standards						
1) Pentafluorobenzene	5.538	168	127740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	268556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	295742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	154634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	104792	61.121	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 122.240%#	
35) Dibromofluoromethane	5.367	113	91905	49.702	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.400%	
50) Toluene-d8	8.635	98	312183	48.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	11.061	95	133658	59.800	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.600%	
Target Compounds						
40) Benzene	6.025	78	5023	0.669	ug/l	Qvalue 91

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

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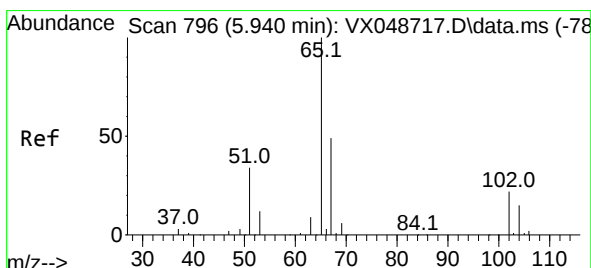
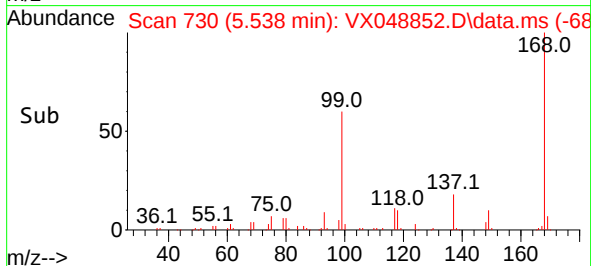
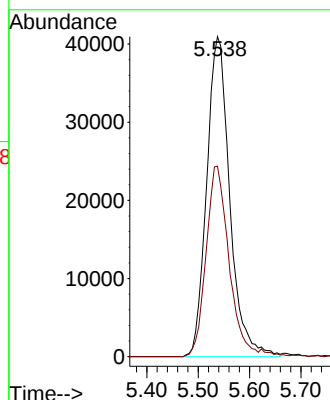
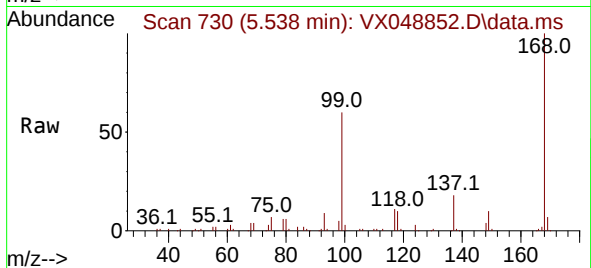




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

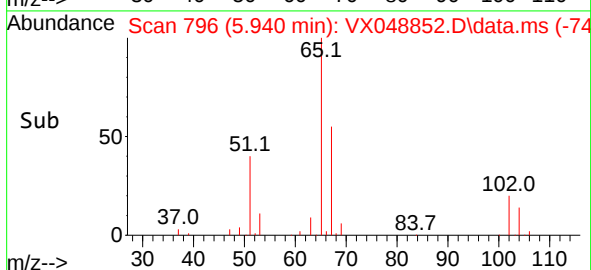
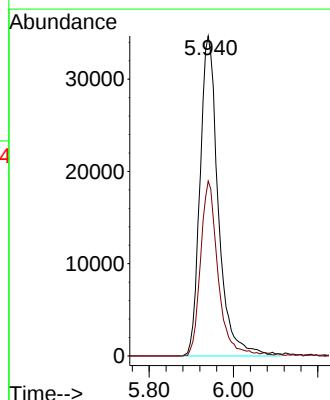
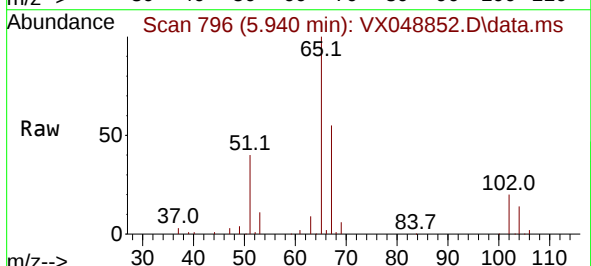
Instrument :
MSVOA_X
ClientSampleId :
OWBR-03-138-120925

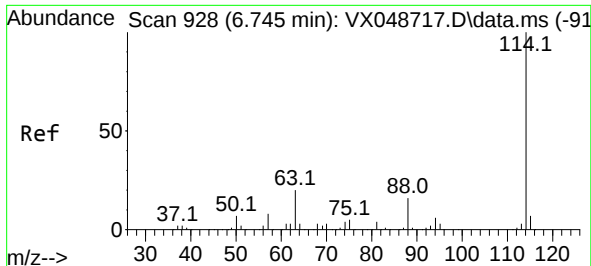
Tgt Ion:168 Resp: 127740
Ion Ratio Lower Upper
168 100
99 59.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 61.121 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Tgt Ion: 65 Resp: 104792
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

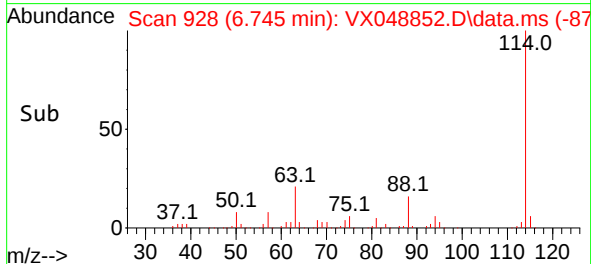
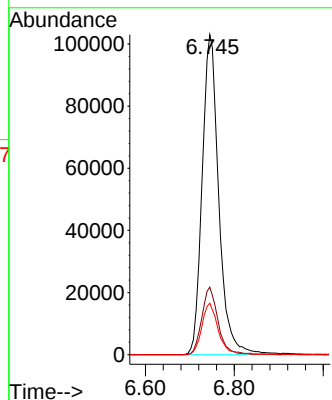
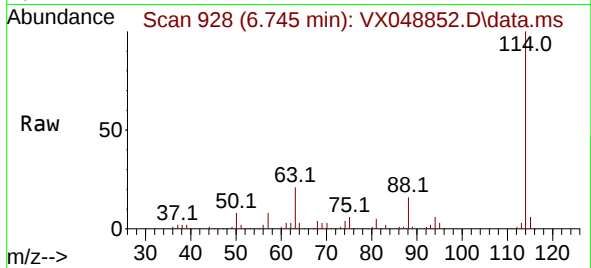




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

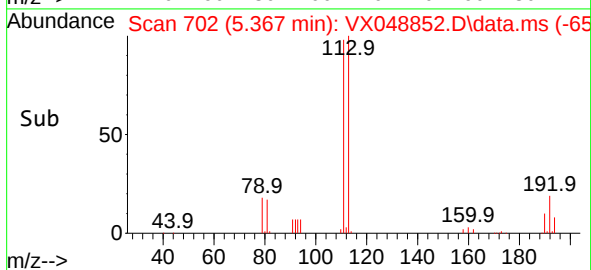
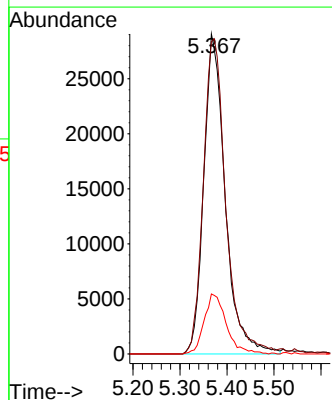
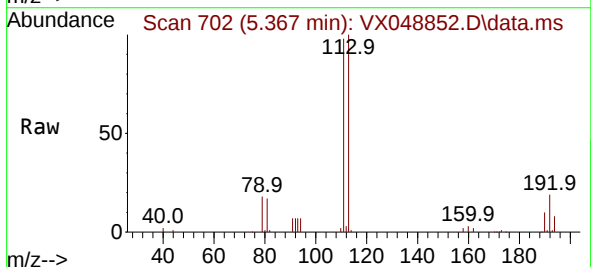
Instrument :
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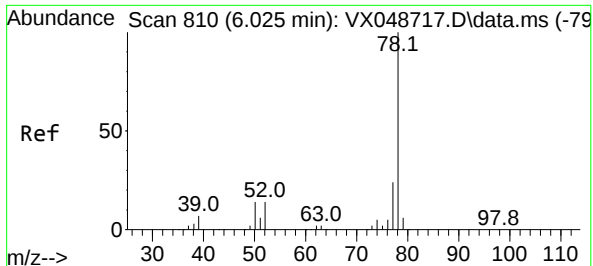
Tgt Ion:114 Resp: 268556
Ion Ratio Lower Upper
114 100
63 21.1 0.0 39.0
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.702 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Tgt Ion:113 Resp: 91905
Ion Ratio Lower Upper
113 100
111 103.0 79.5 119.3
192 19.4 16.1 24.1

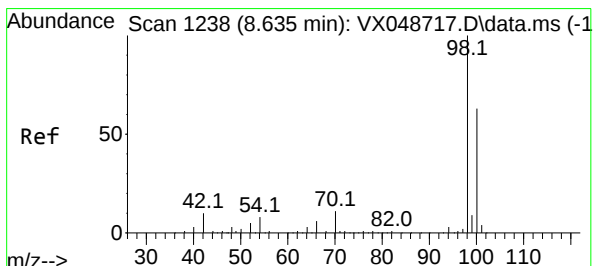
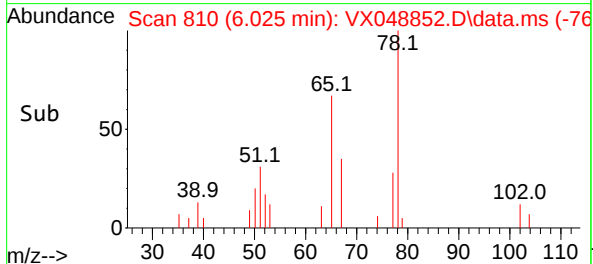
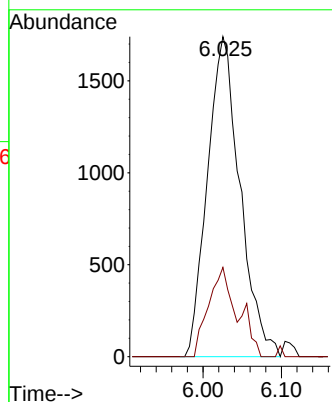
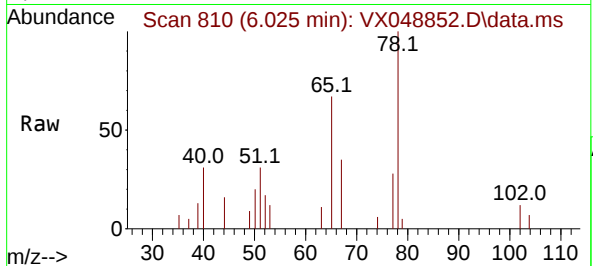




#40
Benzene
Concen: 0.669 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

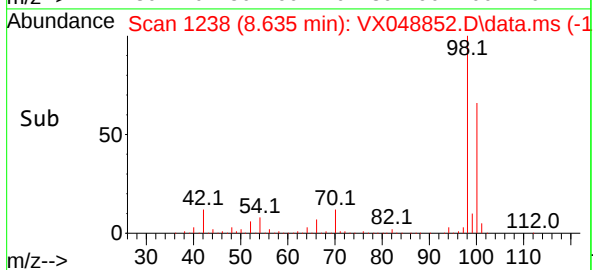
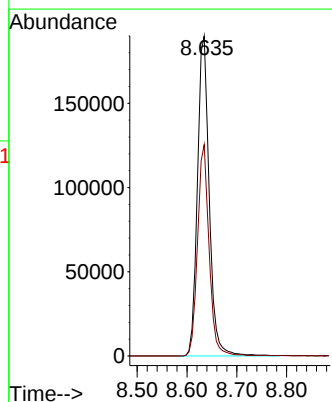
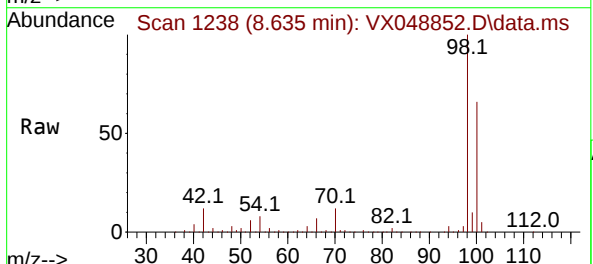
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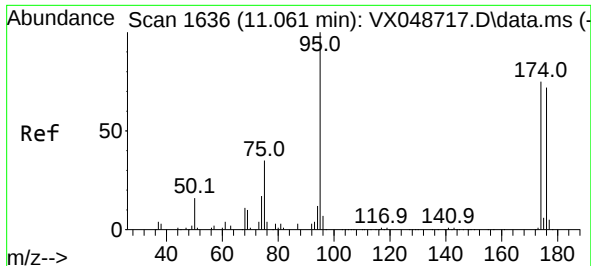
Tgt Ion: 78 Resp: 5023
Ion Ratio Lower Upper
78 100
77 27.9 18.8 28.2



#50
Toluene-d8
Concen: 48.164 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Tgt Ion: 98 Resp: 312183
Ion Ratio Lower Upper
98 100
100 64.6 53.4 80.0

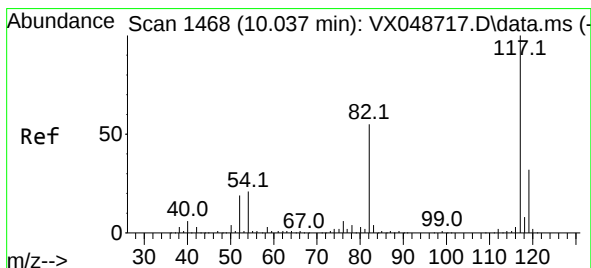
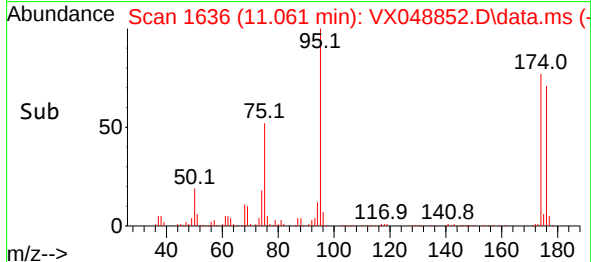
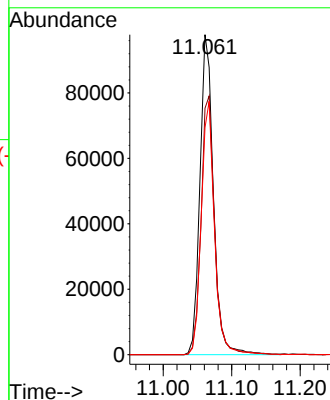
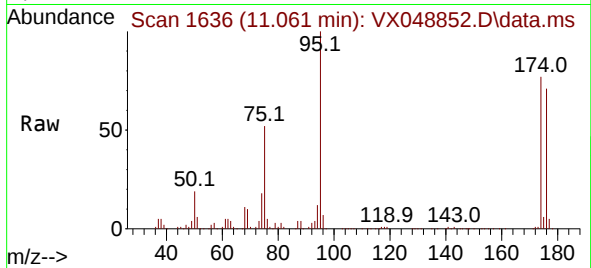




#62
4-Bromofluorobenzene
Concen: 59.800 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

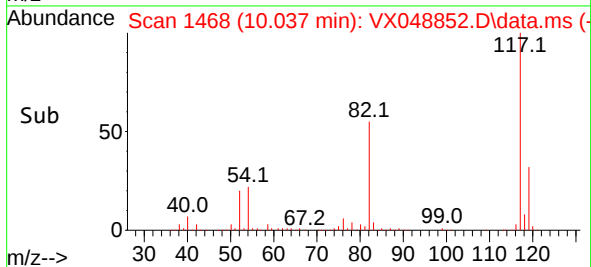
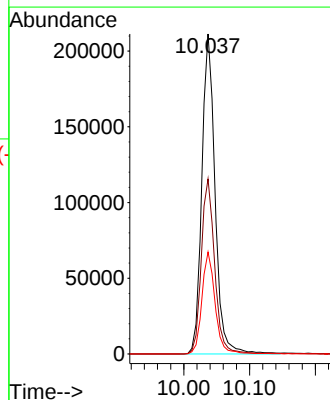
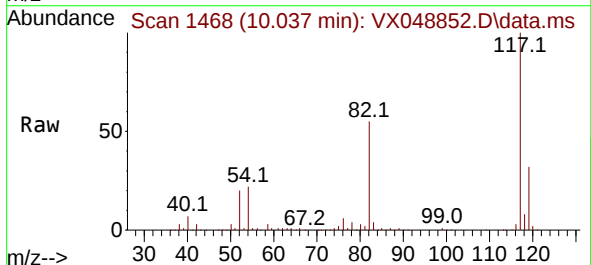
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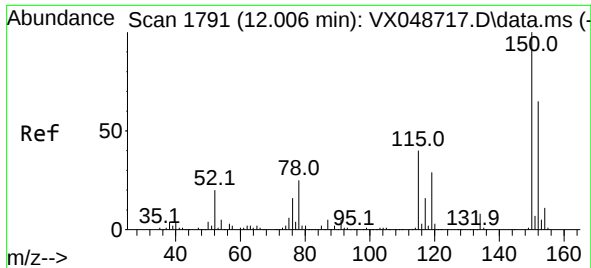
Tgt Ion: 95 Resp: 133658
Ion Ratio Lower Upper
95 100
174 82.1 0.0 157.8
176 78.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

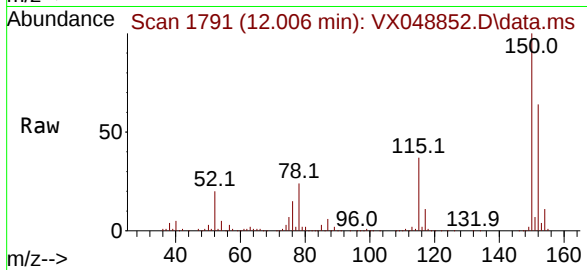
Tgt Ion: 117 Resp: 295742
Ion Ratio Lower Upper
117 100
82 54.7 44.1 66.1
119 31.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048852.D
 Acq: 12 Dec 2025 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-03-138-120925



Tgt Ion:152 Resp: 154634
 Ion Ratio Lower Upper
 152 100
 115 60.1 42.1 126.4
 150 157.9 0.0 347.8

