

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048853.D
 Acq On : 12 Dec 2025 14:36
 Operator : JC/MD
 Sample : Q3835-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-01-170-121025

Quant Time: Dec 12 22:13:28 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)

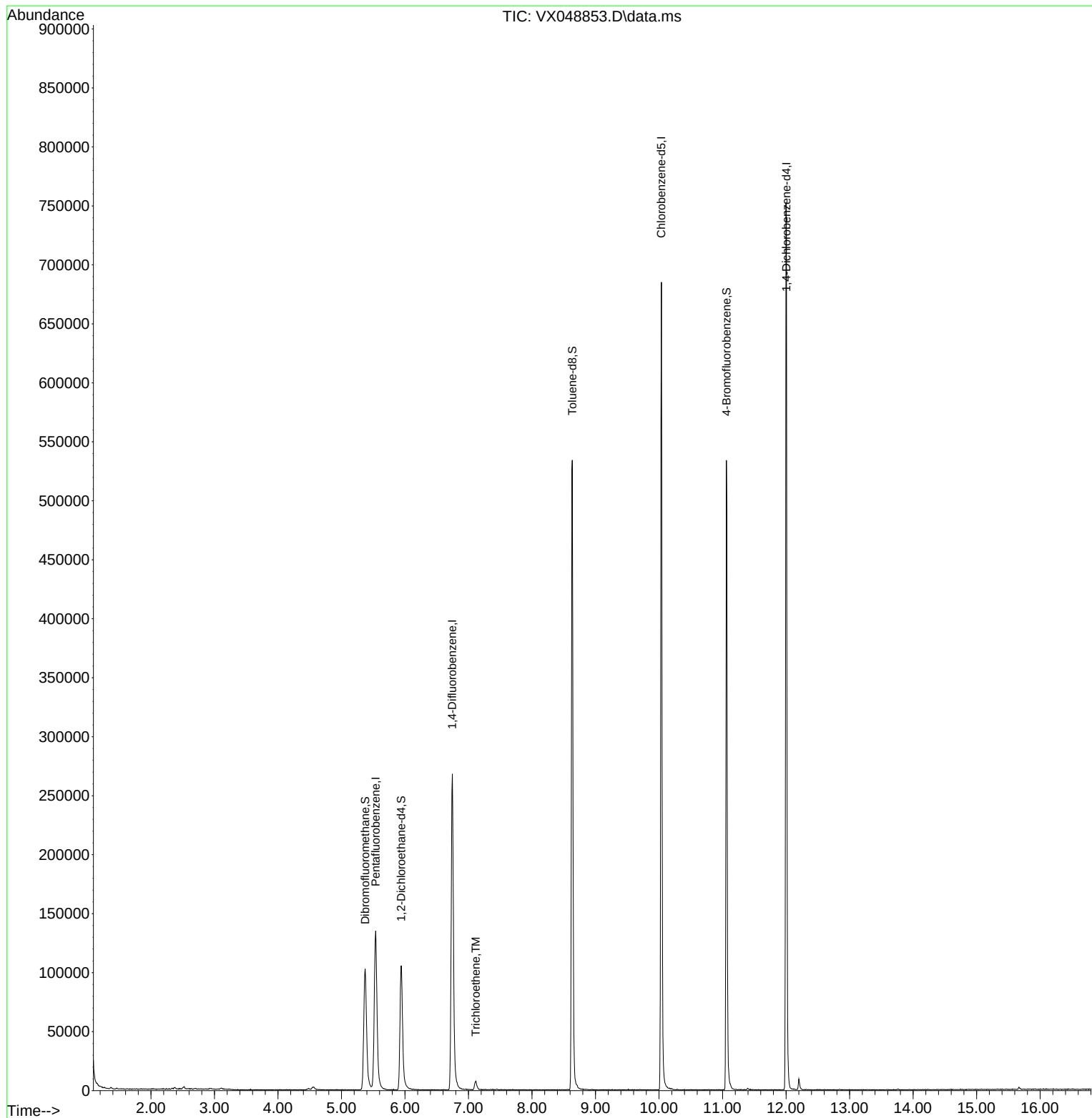
Internal Standards						
1) Pentafluorobenzene	5.538	168	137404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	292602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	323774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	116026	62.914	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	125.820%#
35) Dibromofluoromethane	5.373	113	100467	49.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.740%
50) Toluene-d8	8.635	98	341625	48.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.061	95	148928	61.156	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.320%
Target Compounds						Qvalue
44) Trichloroethene	7.117	130	3482	1.631	ug/l	82

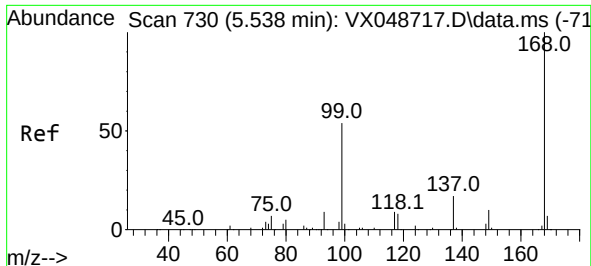
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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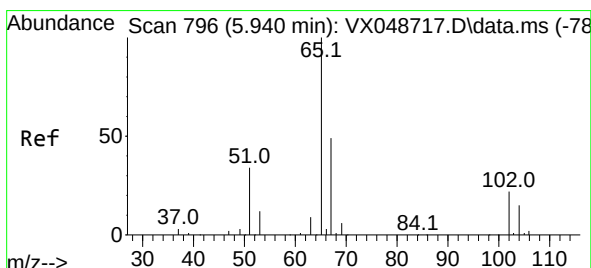
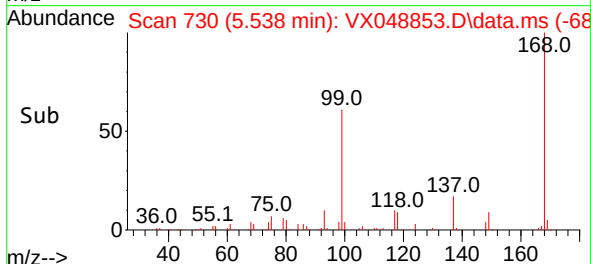
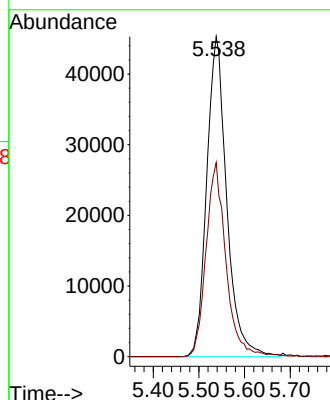
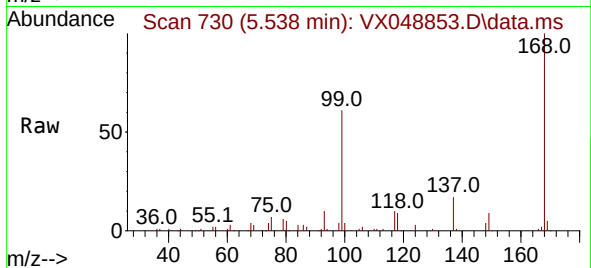




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

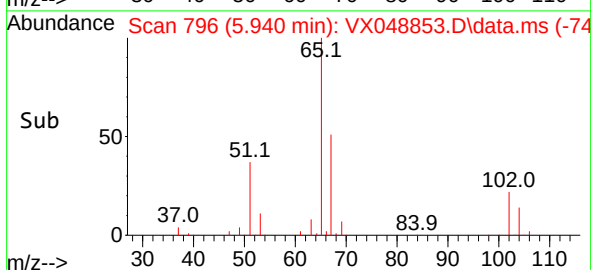
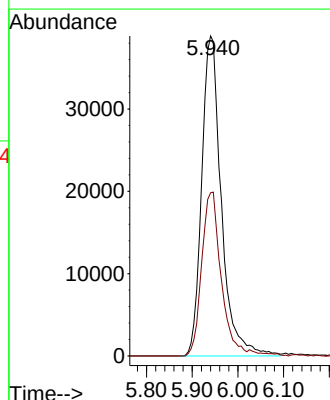
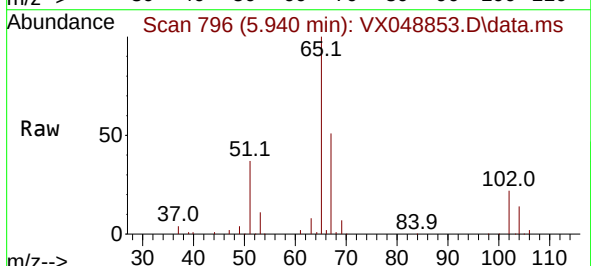
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-170-121025

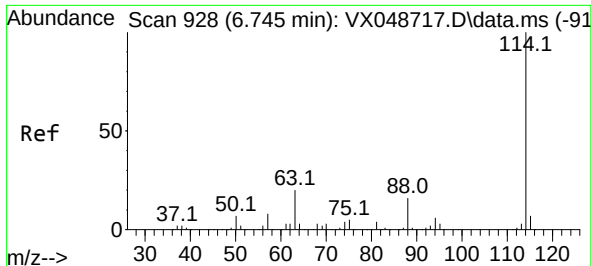
Tgt Ion:168 Resp: 137404
Ion Ratio Lower Upper
168 100
99 60.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 62.914 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

Tgt Ion: 65 Resp: 116026
Ion Ratio Lower Upper
65 100
67 50.2 0.0 107.4

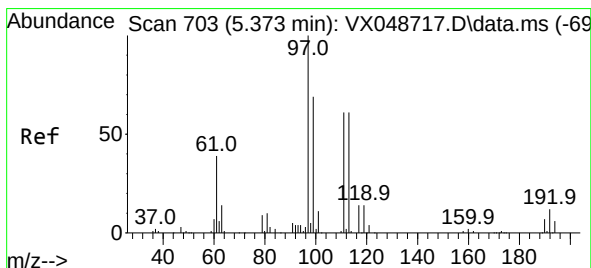
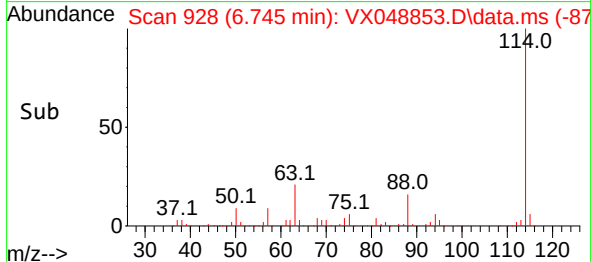
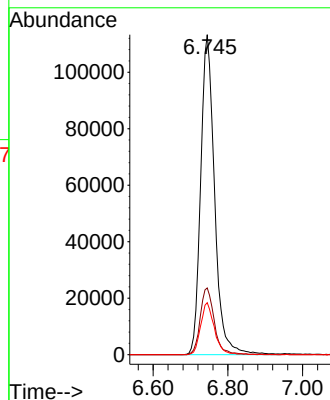
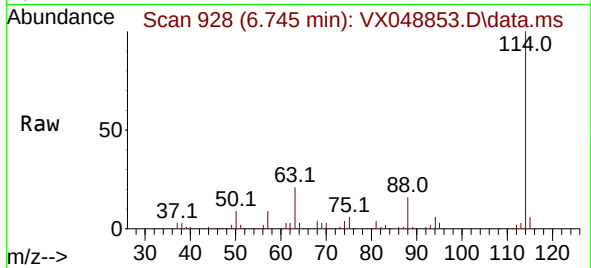




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

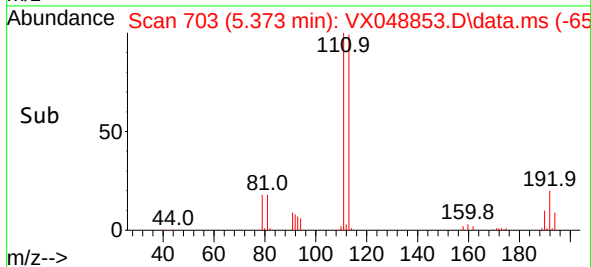
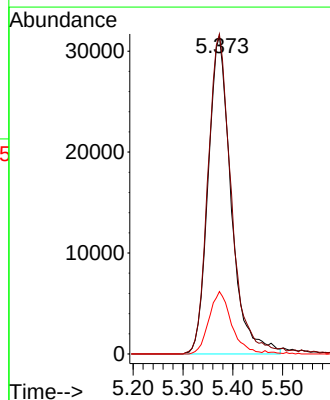
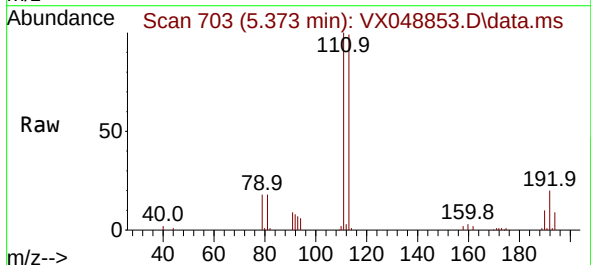
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-170-121025

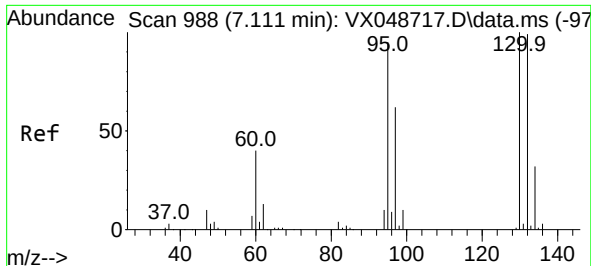
Tgt Ion:114 Resp: 292602
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.0
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.867 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

Tgt Ion:113 Resp: 100467
Ion Ratio Lower Upper
113 100
111 102.7 79.5 119.3
192 19.3 16.1 24.1

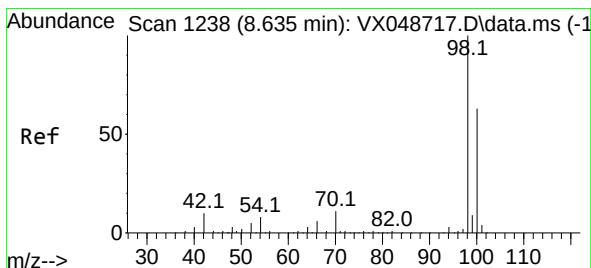
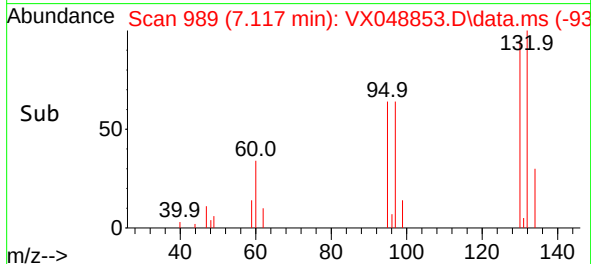
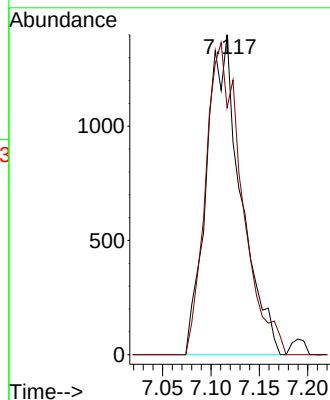
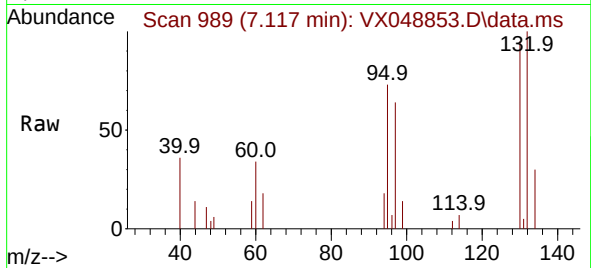




#44
Trichloroethene
Concen: 1.631 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

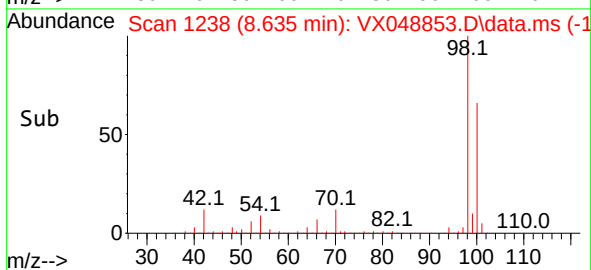
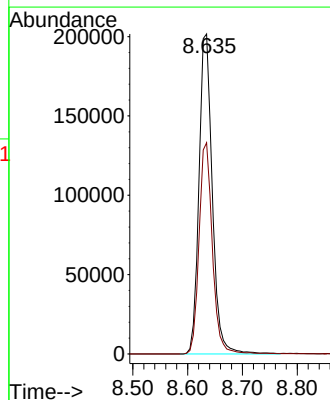
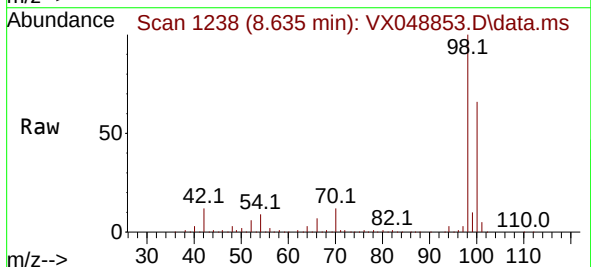
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-170-121025

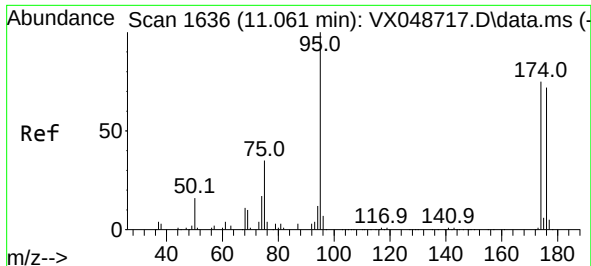
Tgt Ion:130 Resp: 3482
Ion Ratio Lower Upper
130 100
95 77.2 0.0 189.6



#50
Toluene-d8
Concen: 48.375 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

Tgt Ion: 98 Resp: 341625
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 61.156 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048853.D

Acq: 12 Dec 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

OWBR-01-170-121025

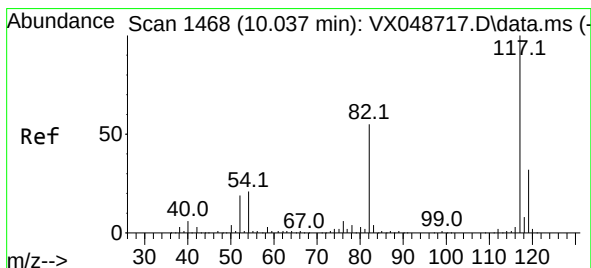
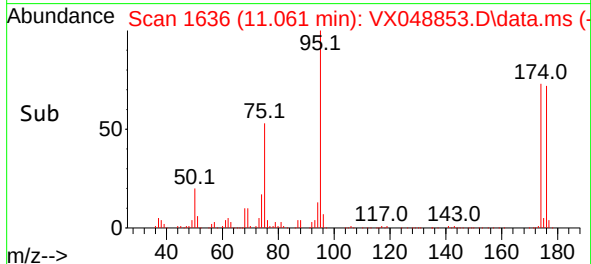
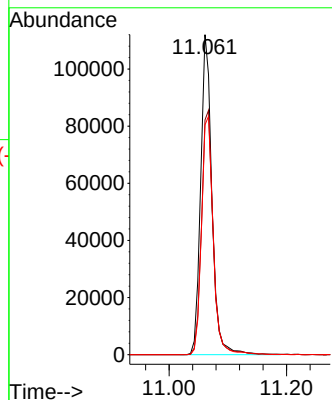
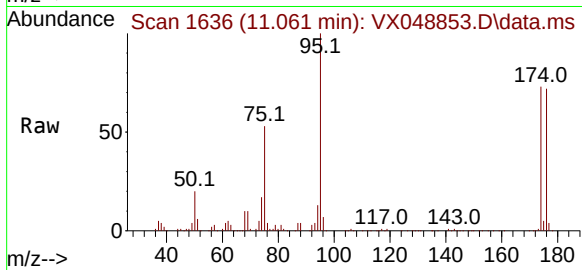
Tgt Ion: 95 Resp: 148928

Ion Ratio Lower Upper

95 100

174 79.7 0.0 157.8

176 77.5 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: VX048853.D

Acq: 12 Dec 2025 14:36

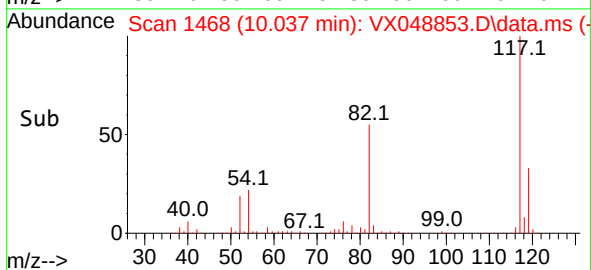
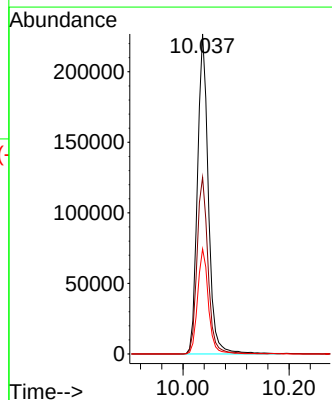
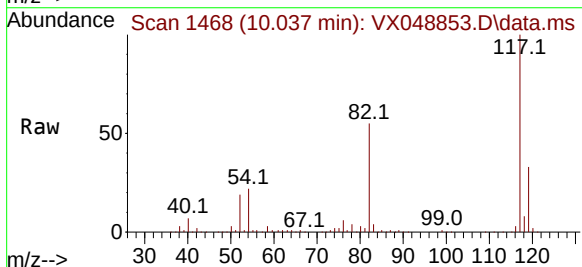
Tgt Ion: 117 Resp: 323774

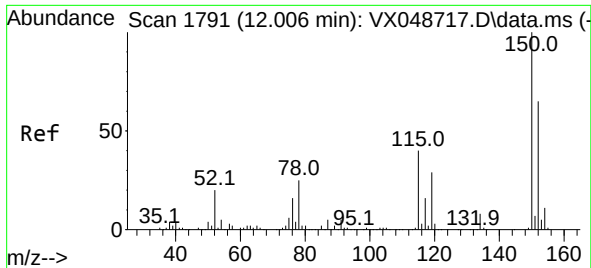
Ion Ratio Lower Upper

117 100

82 55.2 44.1 66.1

119 32.8 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: VX048853.D

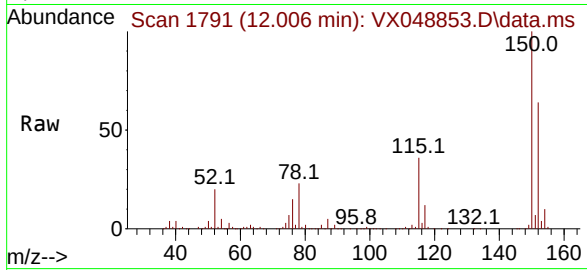
Acq: 12 Dec 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 171165

Ion Ratio Lower Upper

152 100

115 58.0 42.1 126.4

150 155.3 0.0 347.8

