

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048809.D
 Acq On : 10 Dec 2025 14:30
 Operator : JC/MD
 Sample : Q3787-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-03B-51.5-120425RE

Quant Time: Dec 11 00:23:27 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)

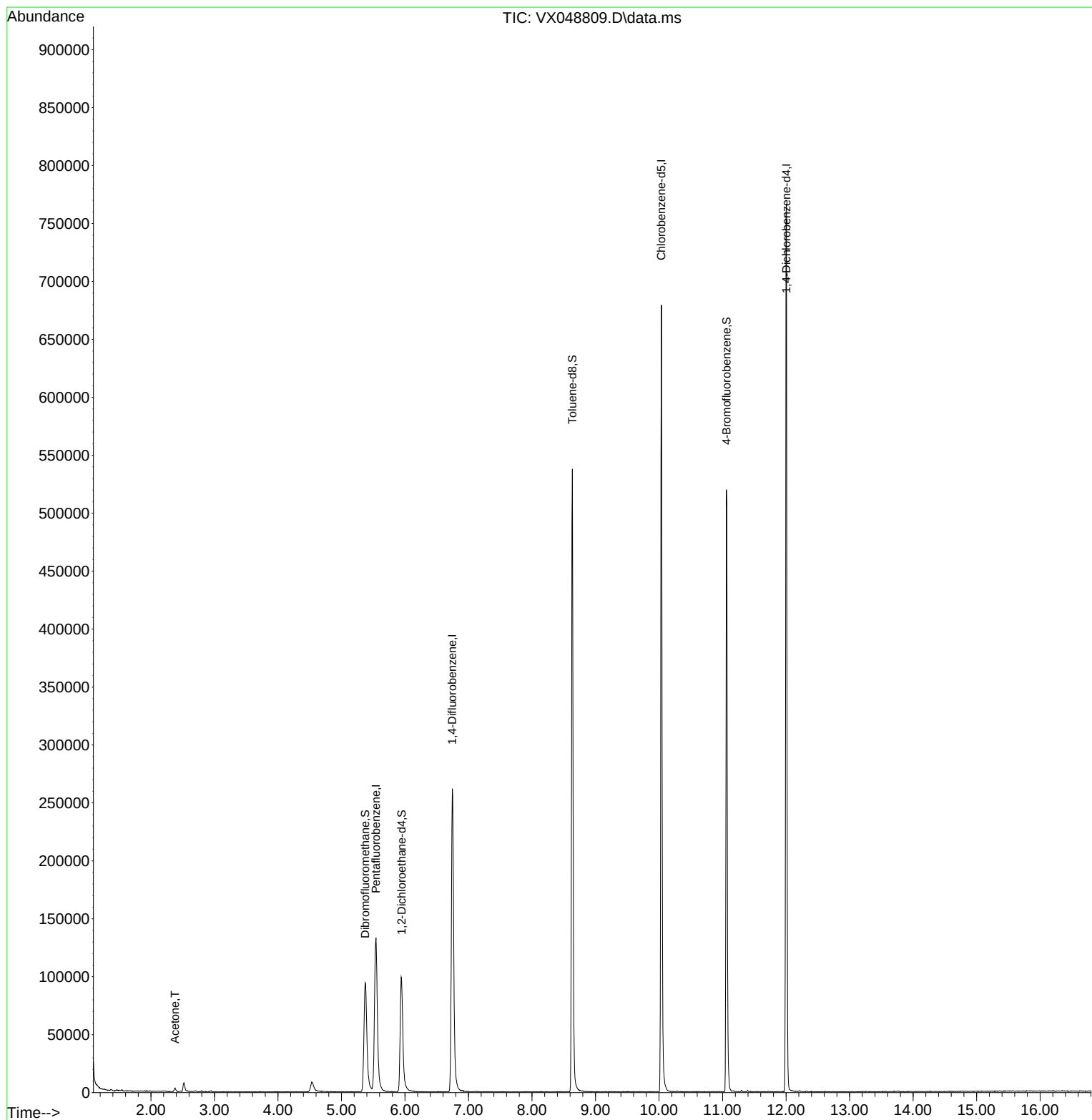
Internal Standards						
1) Pentafluorobenzene	5.544	168	142606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	299203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	326420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	172615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109808	57.370	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.740%
35) Dibromofluoromethane	5.373	113	98607	47.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	8.635	98	342378	47.412	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.820%
62) 4-Bromofluorobenzene	11.061	95	151770	60.948	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.900%
Target Compounds						Qvalue
16) Acetone	2.380	43	4565	6.230	ug/l	100

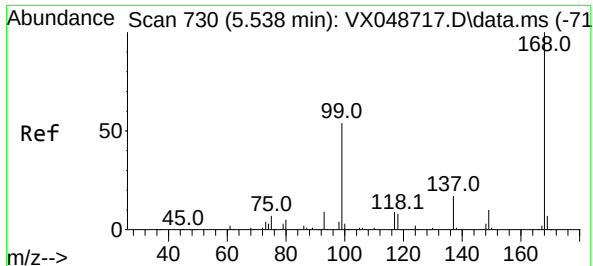
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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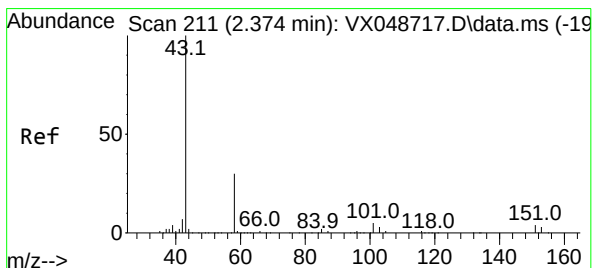
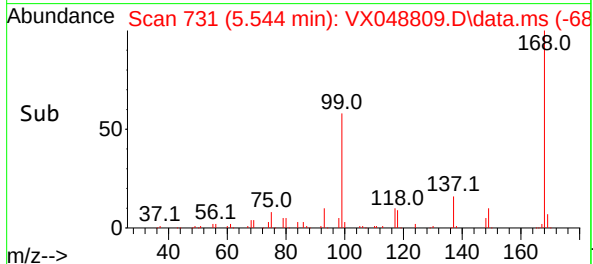
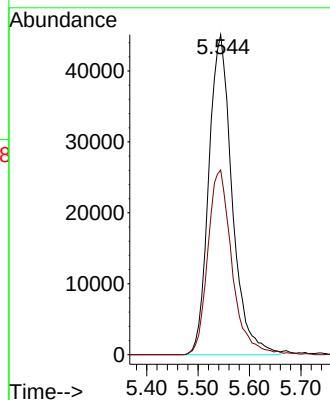
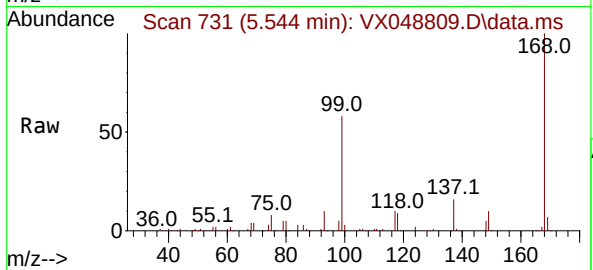




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

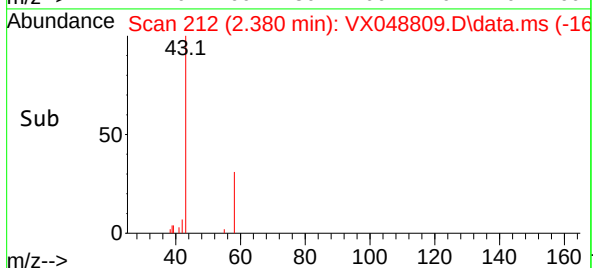
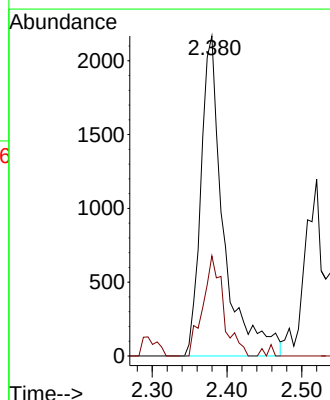
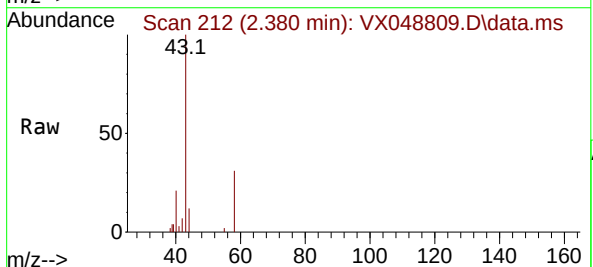
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

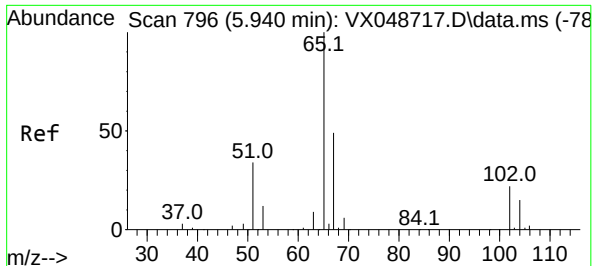
Tgt Ion:168 Resp: 142606
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#16
Acetone
Concen: 6.230 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion: 43 Resp: 4565
Ion Ratio Lower Upper
43 100
58 31.3 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 57.370 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048809.D

Acq: 10 Dec 2025 14:30

Instrument :

MSVOA_X

ClientSampleId :

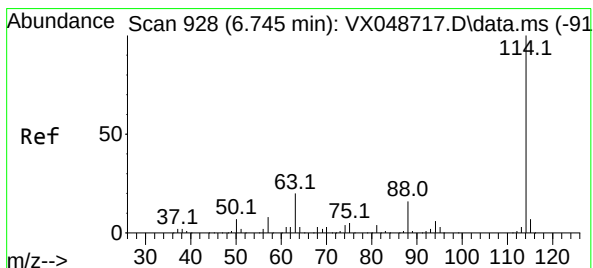
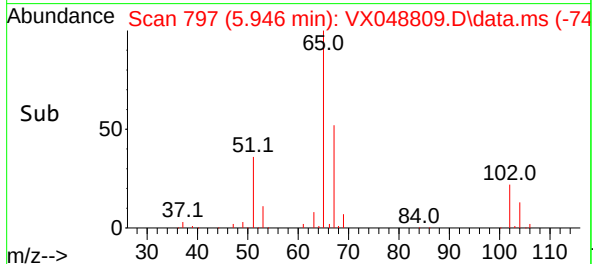
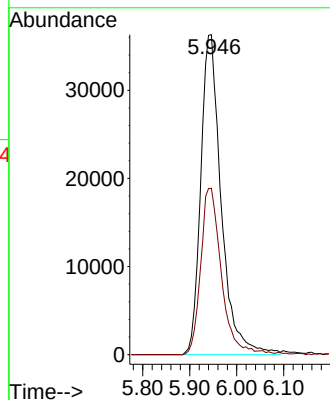
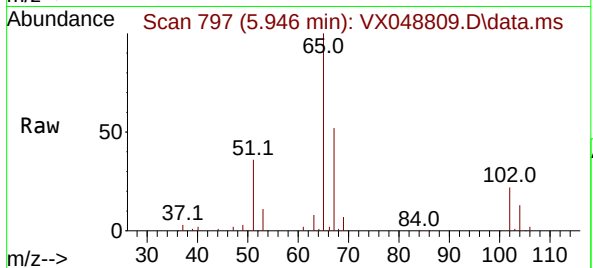
OW-03B-51.5-120425RE

Tgt Ion: 65 Resp: 109808

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048809.D

Acq: 10 Dec 2025 14:30

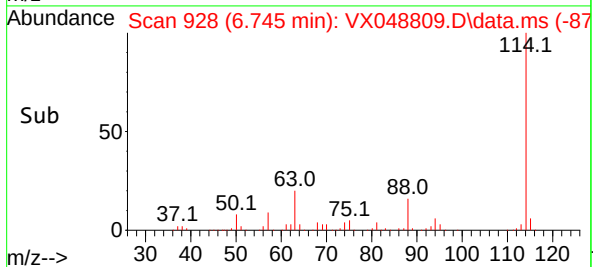
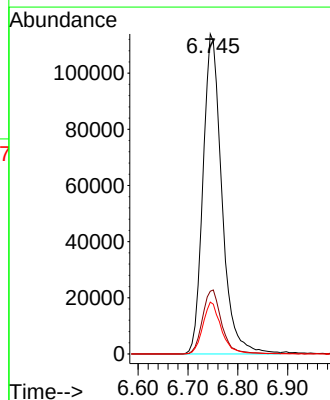
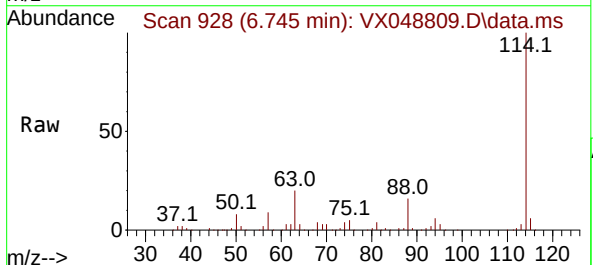
Tgt Ion: 114 Resp: 299203

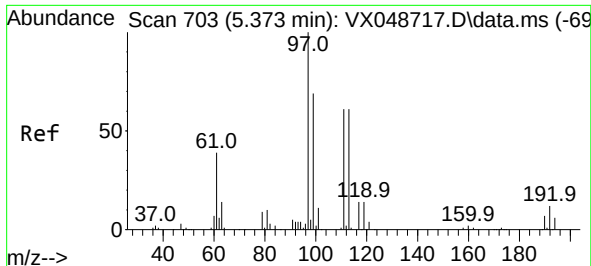
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

88 16.2 0.0 31.8

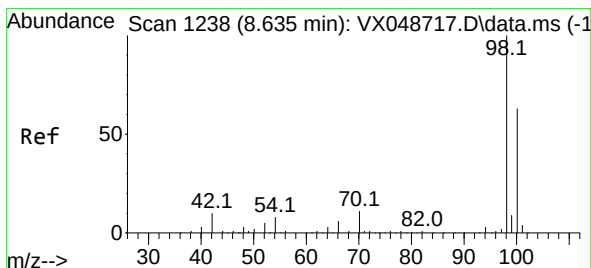
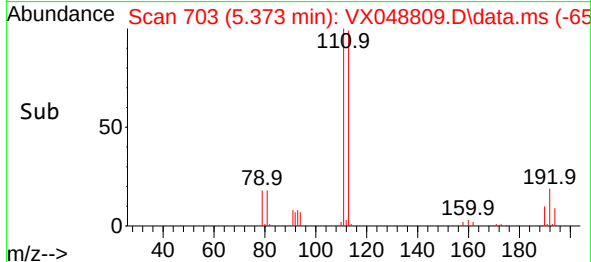
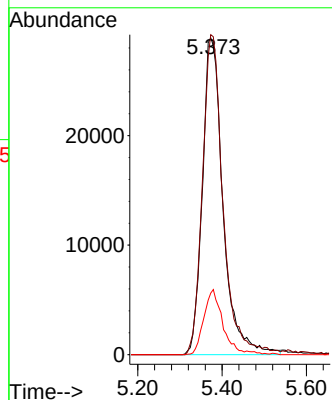
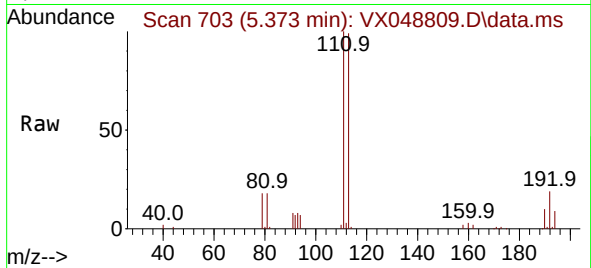




#35
Dibromofluoromethane
Concen: 47.864 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

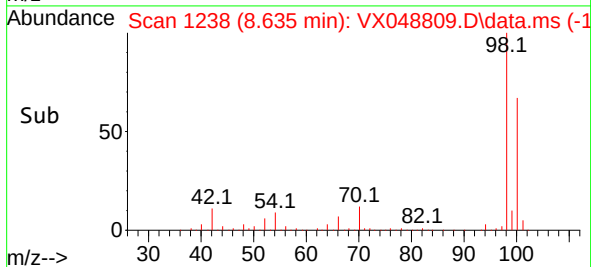
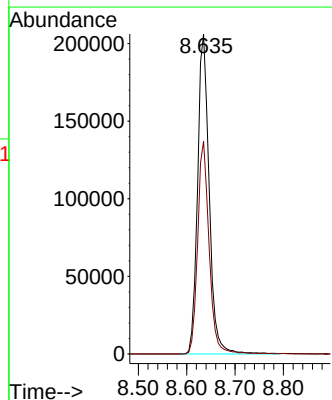
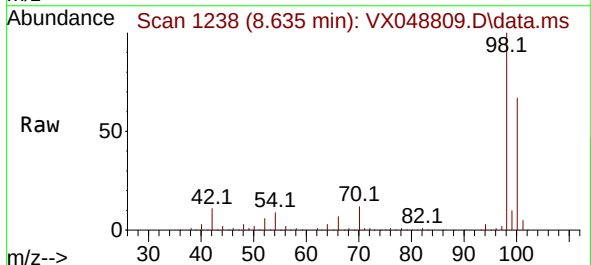
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

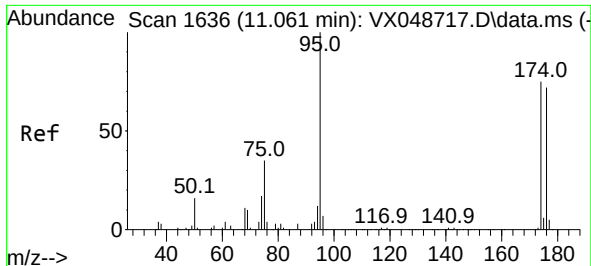
Tgt Ion:113 Resp: 98607
Ion Ratio Lower Upper
113 100
111 100.8 79.5 119.3
192 18.6 16.1 24.1



#50
Toluene-d8
Concen: 47.412 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion: 98 Resp: 342378
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0

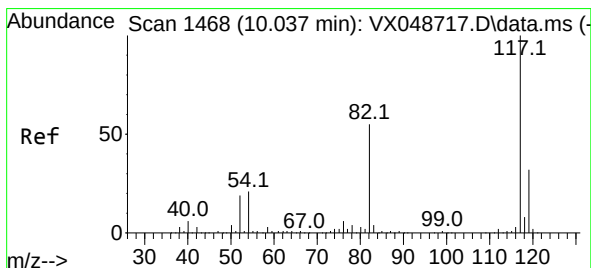
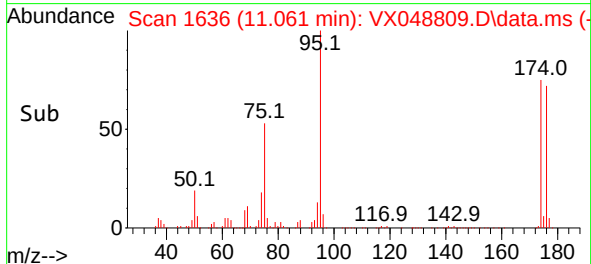
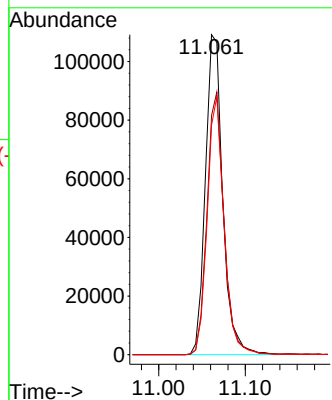
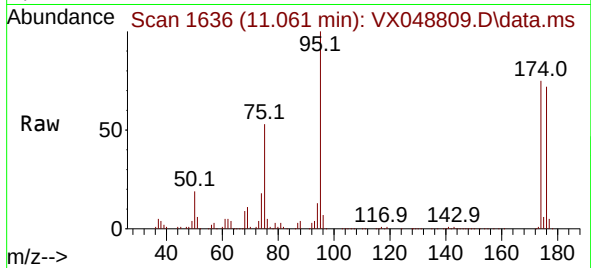




#62
4-Bromofluorobenzene
Concen: 60.948 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

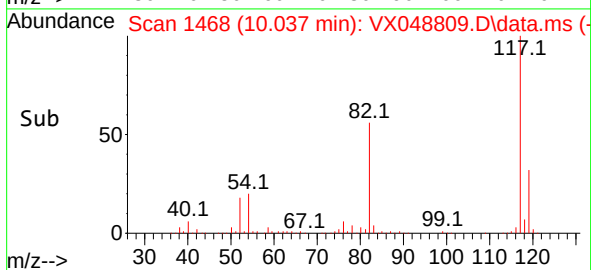
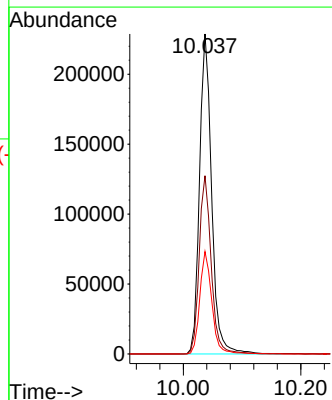
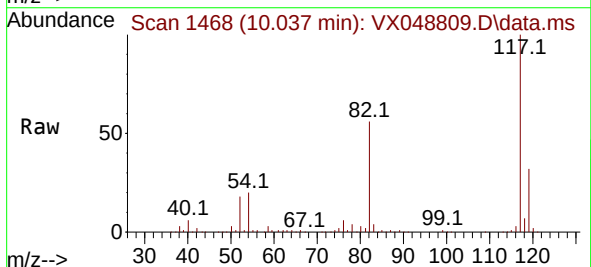
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

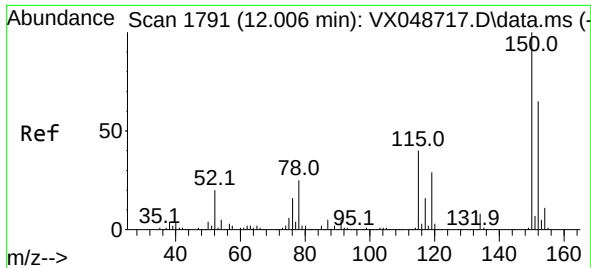
Tgt Ion: 95 Resp: 151770
Ion Ratio Lower Upper
95 100
174 81.1 0.0 157.8
176 77.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion: 117 Resp: 326420
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 32.0 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: VX048809.D

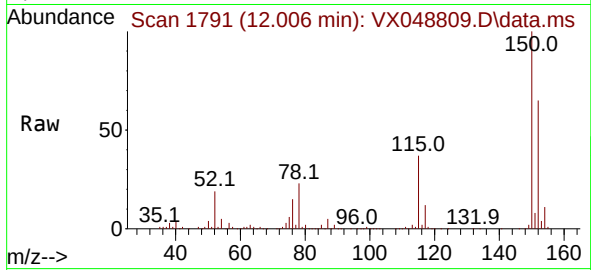
Acq: 10 Dec 2025 14:30

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425RE



Tgt Ion:152 Resp: 172615

Ion Ratio Lower Upper

152 100

115 58.6 42.1 126.4

150 155.9 0.0 347.8

