

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048755.D
 Acq On : 08 Dec 2025 15:18
 Operator : JC/MD
 Sample : Q3787-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 09 04:11:39 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)

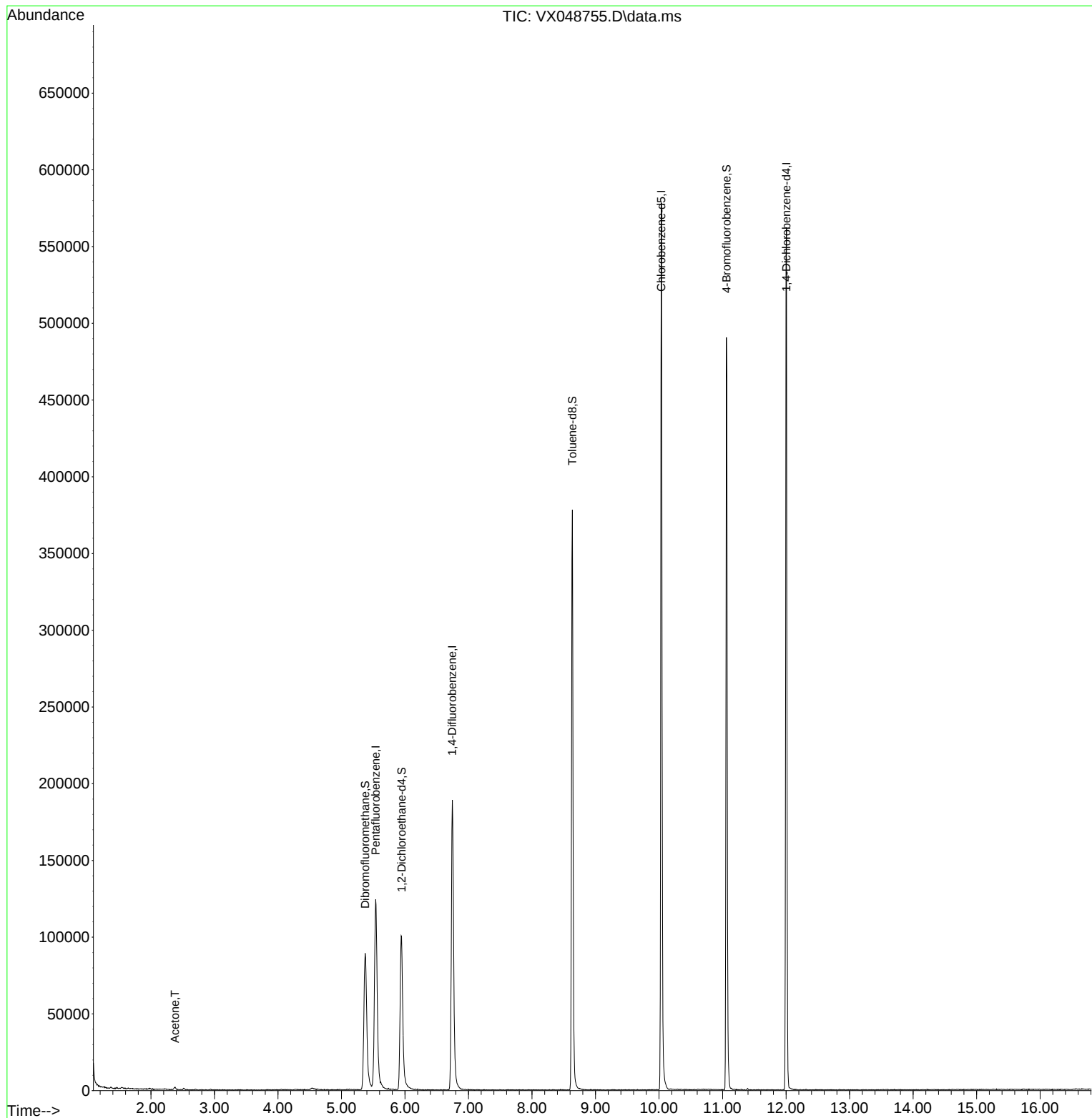
Internal Standards						
1) Pentafluorobenzene	5.538	168	121788	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.745	114	204088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114522	70.060	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 140.120%#	
35) Dibromofluoromethane	5.373	113	87733	62.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 124.860%#	
50) Toluene-d8	8.635	98	237814	48.280	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.560%	
62) 4-Bromofluorobenzene	11.061	95	131784	77.586	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 155.180%#	
Target Compounds						Qvalue
16) Acetone	2.380	43	2363	3.776	ug/l	97

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

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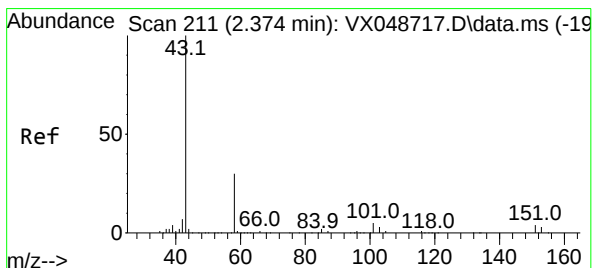
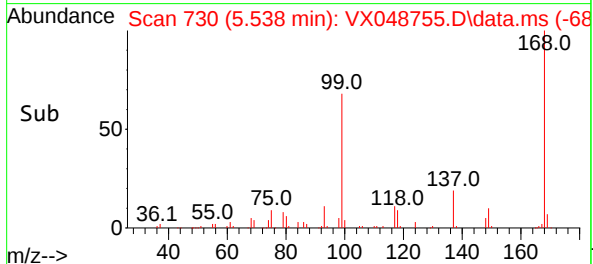
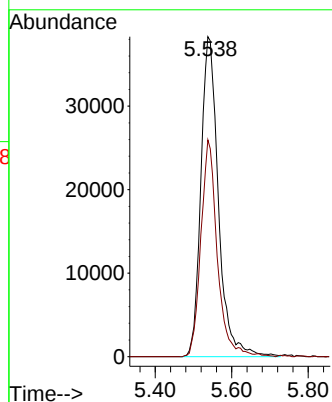
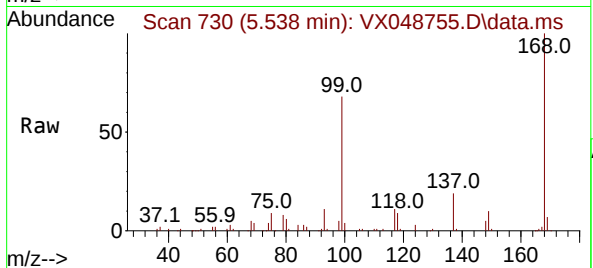




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048755.D
Acq: 08 Dec 2025 15:18

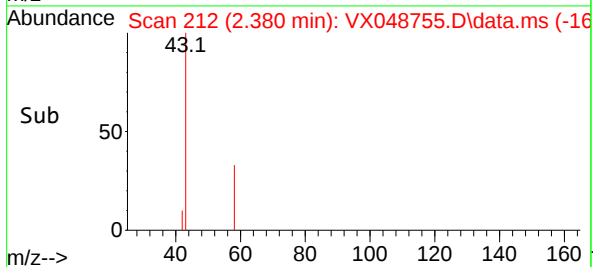
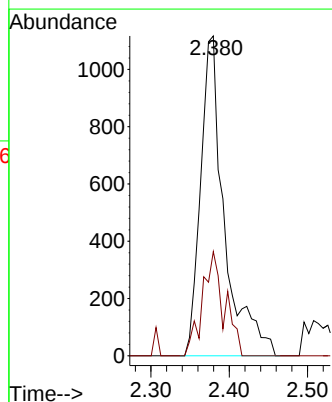
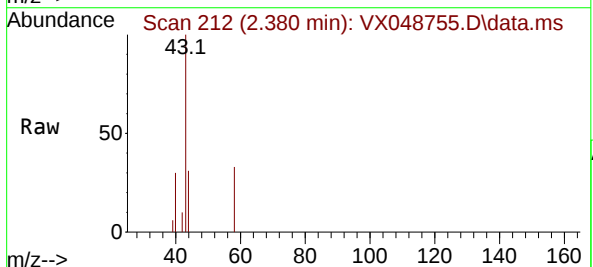
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425-FD

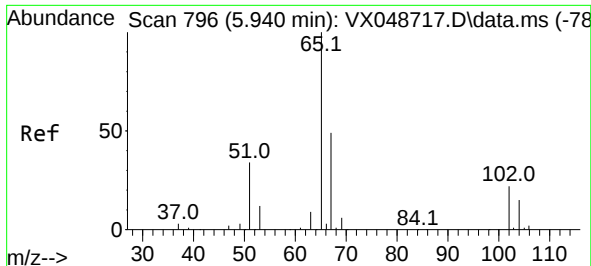
Tgt Ion:168 Resp: 121788
Ion Ratio Lower Upper
168 100
99 67.8 44.2 66.4#



#16
Acetone
Concen: 3.776 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048755.D
Acq: 08 Dec 2025 15:18

Tgt Ion: 43 Resp: 2363
Ion Ratio Lower Upper
43 100
58 32.6 25.0 37.4





#33

1,2-Dichloroethane-d4

Concen: 70.060 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048755.D

Acq: 08 Dec 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

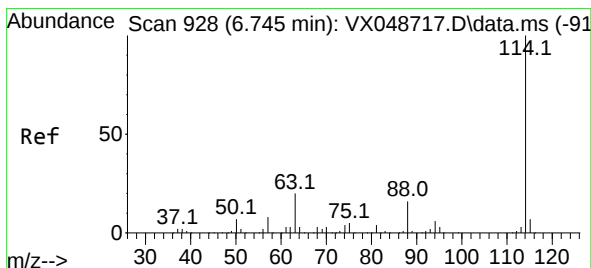
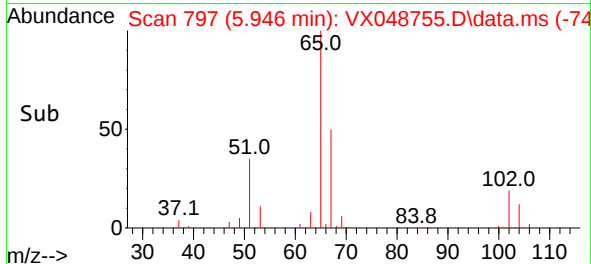
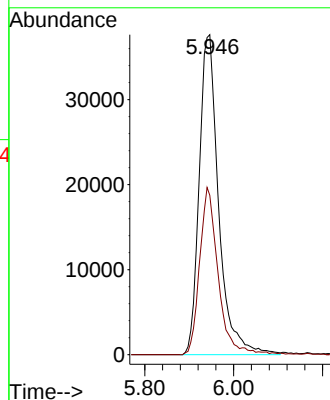
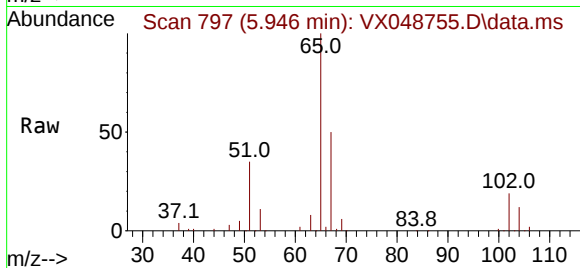
OW-03B-51.5-120425-FD

Tgt Ion: 65 Resp: 114522

Ion Ratio Lower Upper

65 100

67 50.0 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: VX048755.D

Acq: 08 Dec 2025 15:18

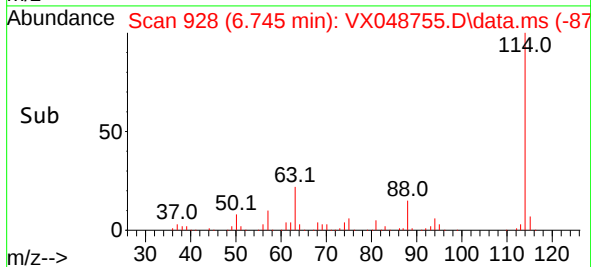
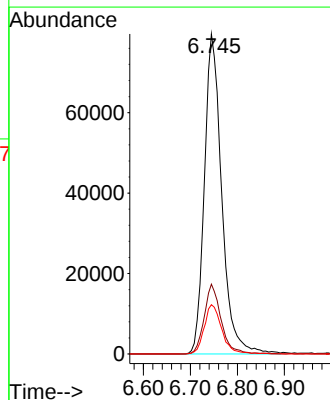
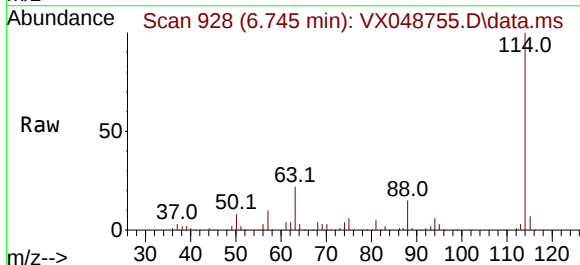
Tgt Ion: 114 Resp: 204088

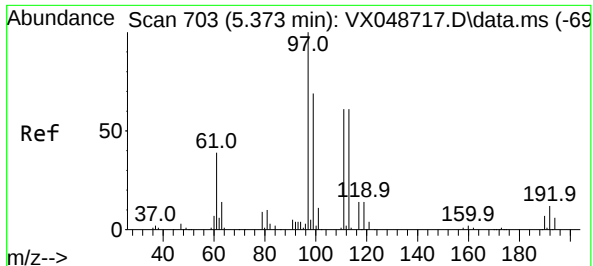
Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.0

88 15.4 0.0 31.8

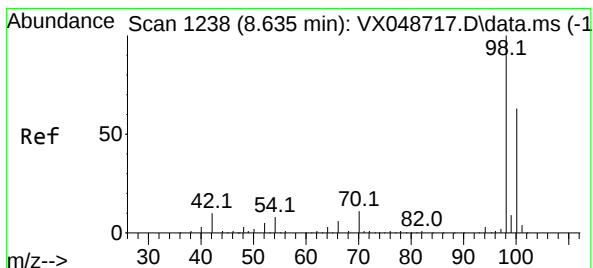
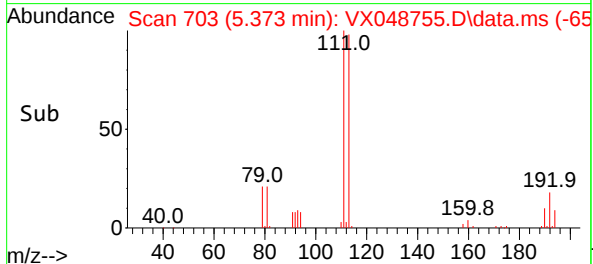
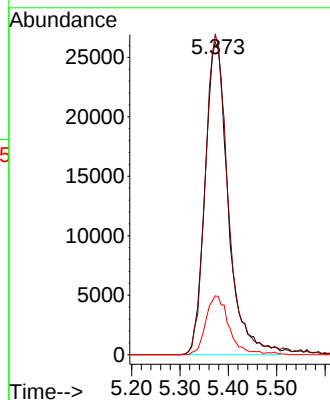
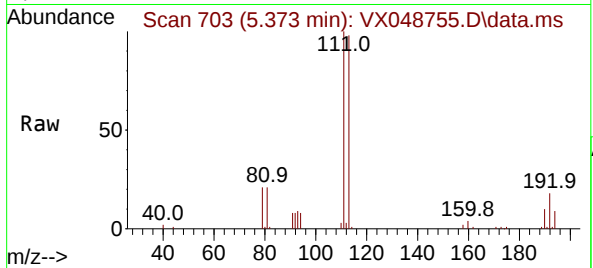




#35
Dibromofluoromethane
Concen: 62.433 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048755.D
Acq: 08 Dec 2025 15:18

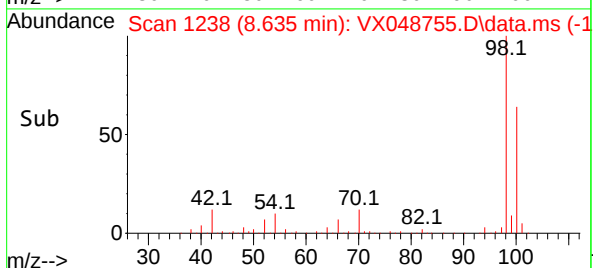
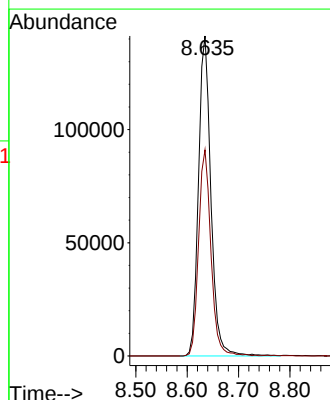
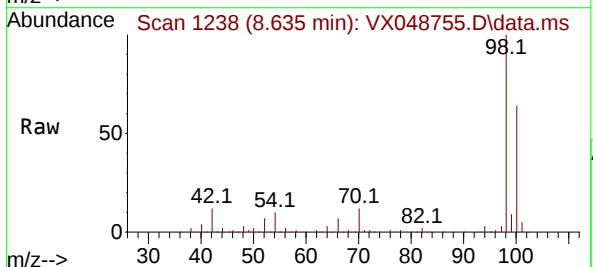
Instrument :
MSVOA_X
ClientSampleId :
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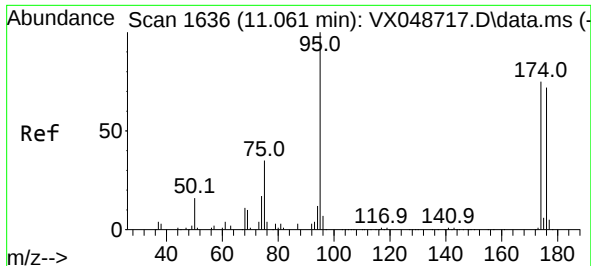
Tgt Ion:113 Resp: 87733
Ion Ratio Lower Upper
113 100
111 101.8 79.5 119.3
192 18.6 16.1 24.1



#50
Toluene-d8
Concen: 48.280 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048755.D
Acq: 08 Dec 2025 15:18

Tgt Ion: 98 Resp: 237814
Ion Ratio Lower Upper
98 100
100 64.0 53.4 80.0

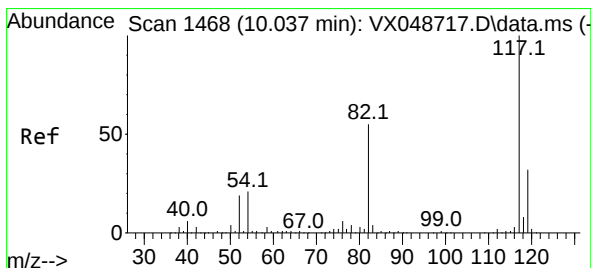
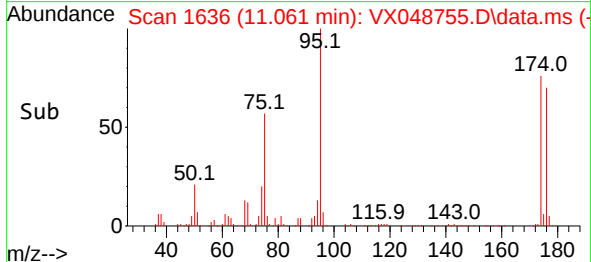
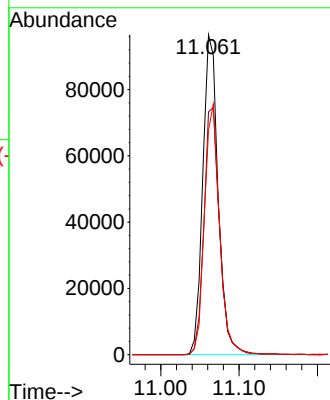
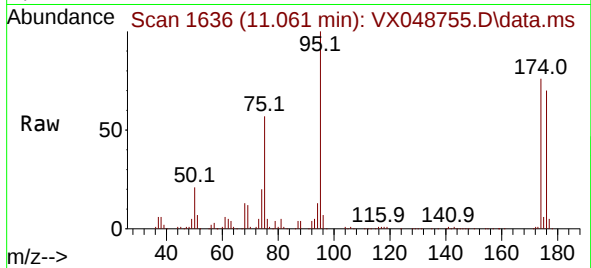




#62
4-Bromofluorobenzene
Concen: 77.586 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048755.D
Acq: 08 Dec 2025 15:18

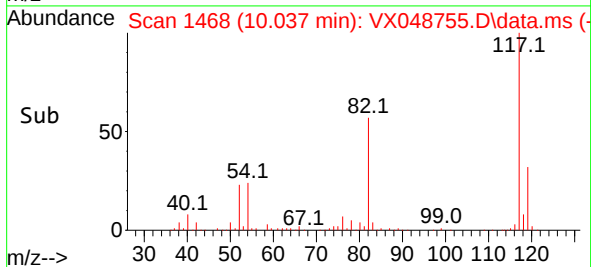
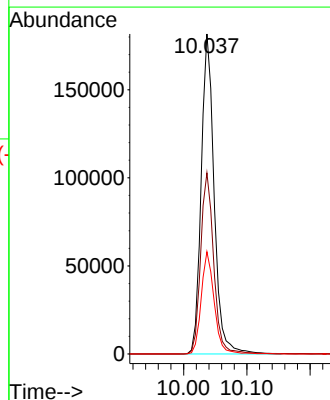
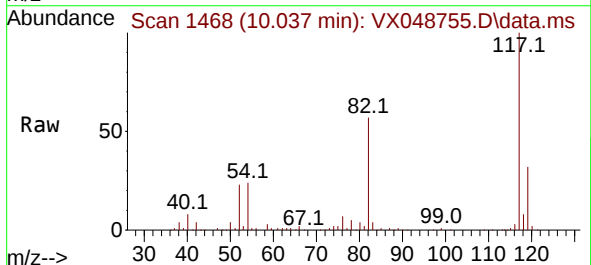
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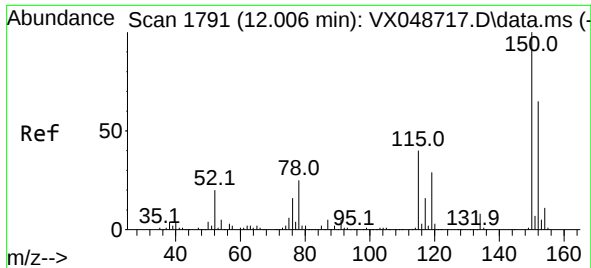
Tgt Ion: 95 Resp: 131784
Ion Ratio Lower Upper
95 100
174 78.5 0.0 157.8
176 77.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048755.D
Acq: 08 Dec 2025 15:18

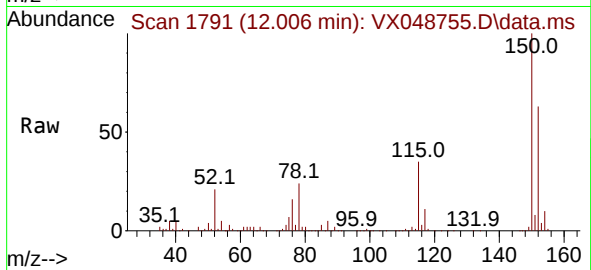
Tgt Ion: 117 Resp: 259488
Ion Ratio Lower Upper
117 100
82 56.6 44.1 66.1
119 32.0 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048755.D
 Acq: 08 Dec 2025 15:18

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



Tgt Ion:152 Resp: 118375
 Ion Ratio Lower Upper
 152 100
 115 57.2 42.1 126.4
 150 158.2 0.0 347.8

