

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100825\
 Data File : VX048062.D
 Acq On : 08 Oct 2025 10:04
 Operator : JC/MD
 Sample : VX1008WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBL01

Quant Time: Oct 09 04:50:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	121387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	244961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	249961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97584	50.505	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.000%	
35) Dibromofluoromethane	5.373	113	80928	49.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.520%	
50) Toluene-d8	8.634	98	277261	48.774	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	11.061	95	116657	54.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.140%	

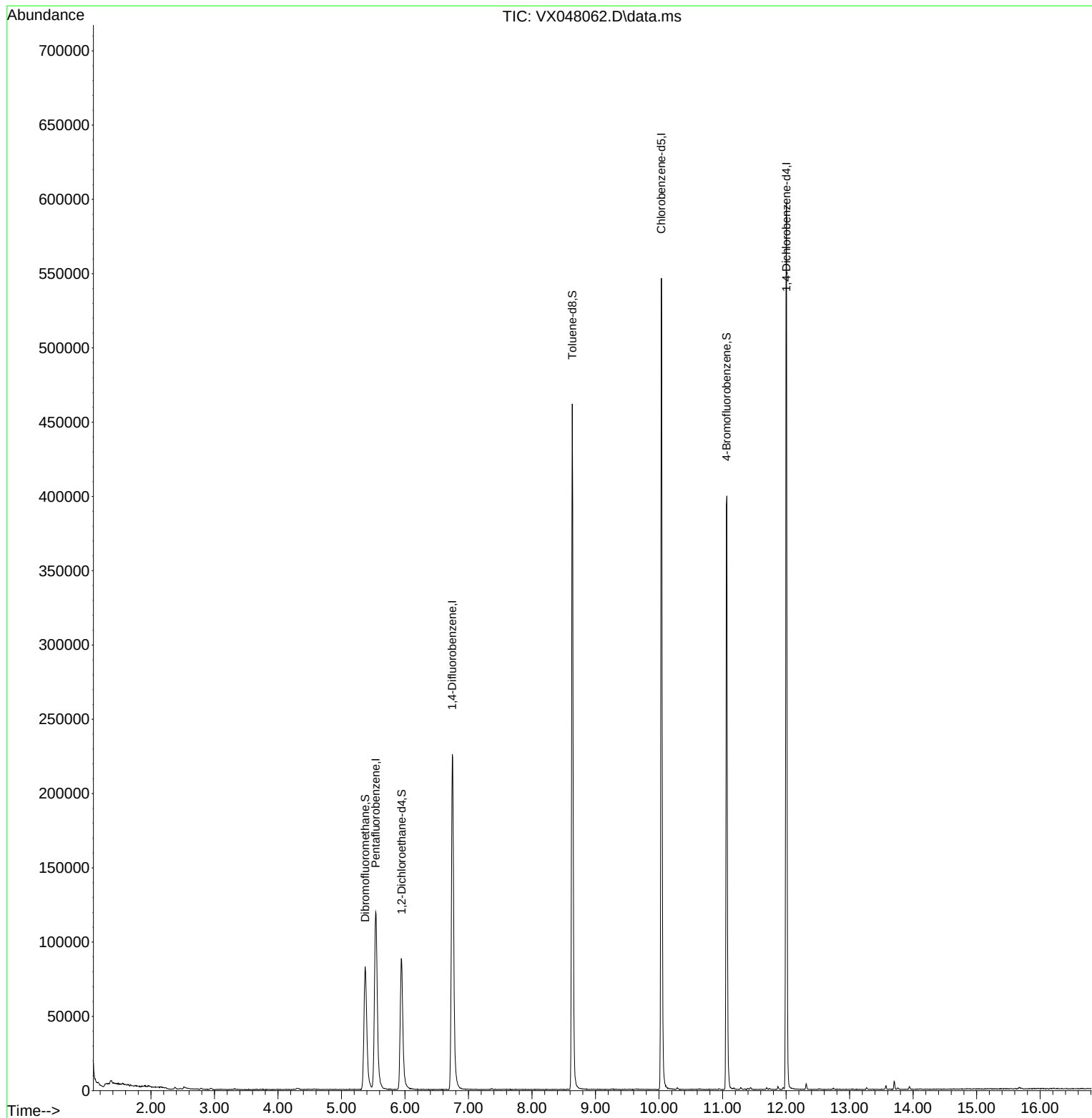
Target Compounds	Qvalue

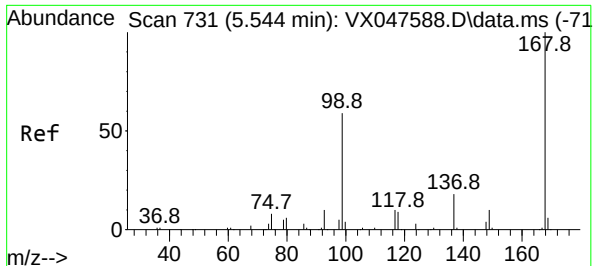
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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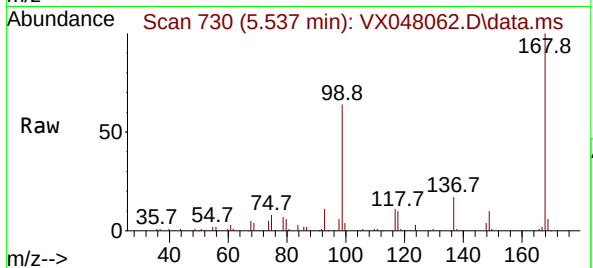
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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QLast Update : Wed Sep 17 06:39:58 2025
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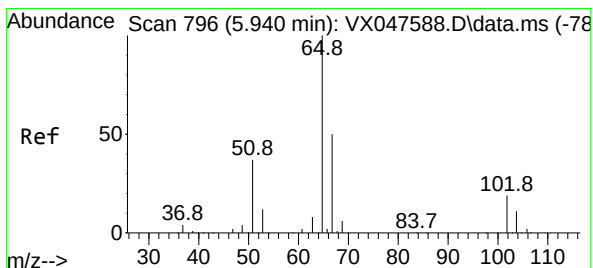
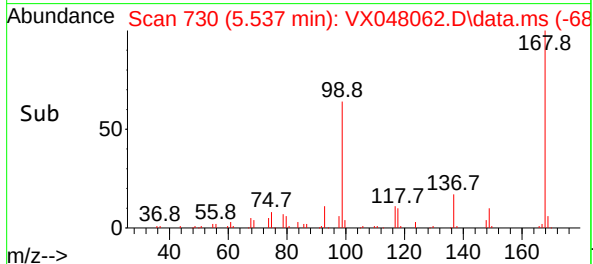
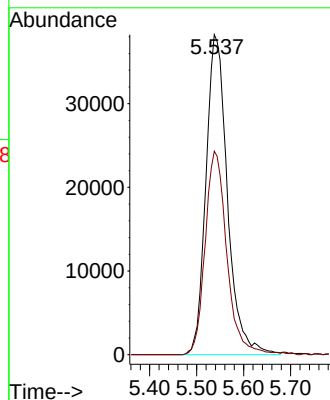


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048062.D
Acq: 08 Oct 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBL01

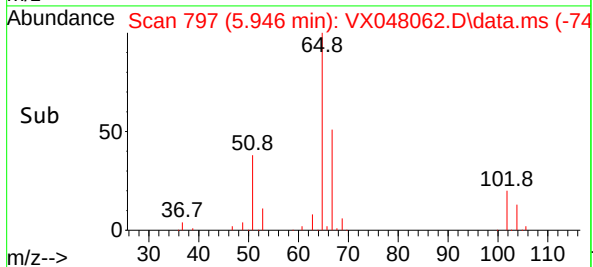
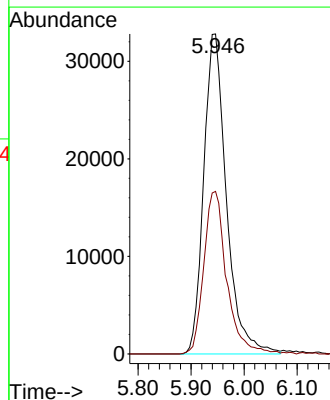
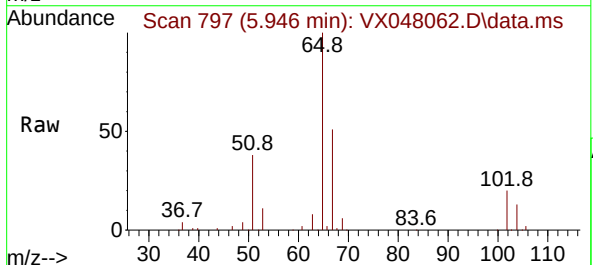


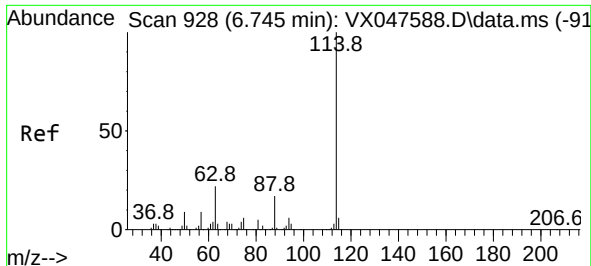
Tgt Ion:168 Resp: 121387
Ion Ratio Lower Upper
168 100
99 63.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.505 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048062.D
Acq: 08 Oct 2025 10:04

Tgt Ion: 65 Resp: 97584
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

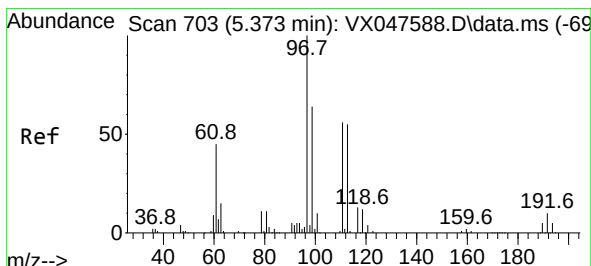
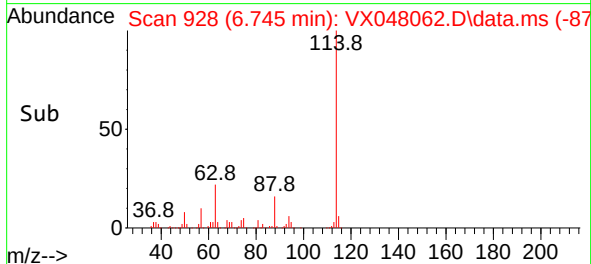
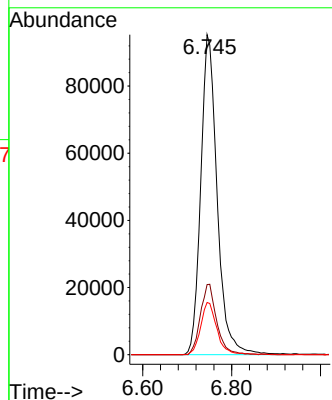
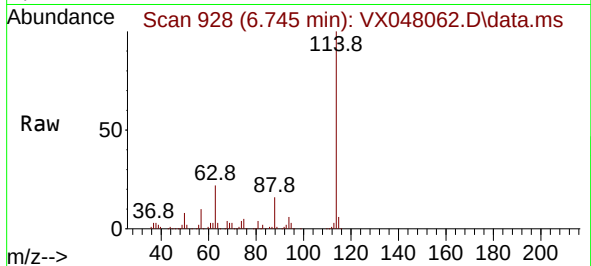




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048062.D
Acq: 08 Oct 2025 10:04

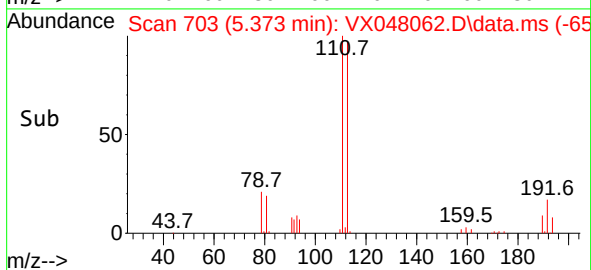
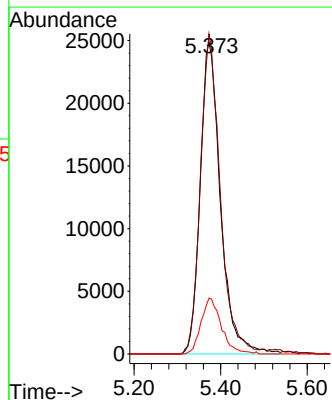
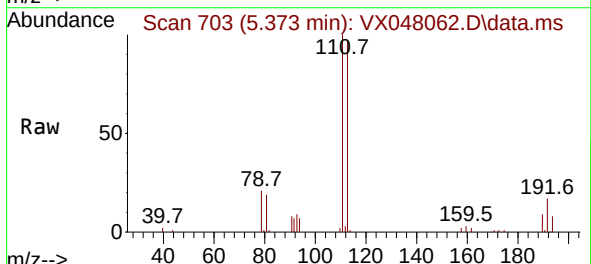
Instrument :
MSVOA_X
ClientSampleId :
VX1008WBL01

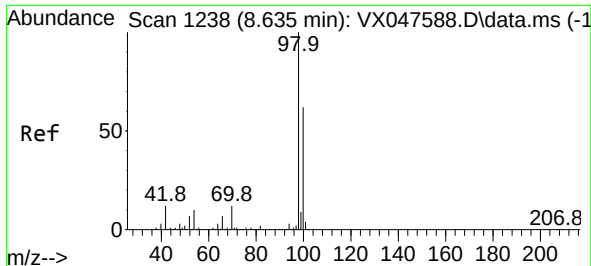
Tgt Ion:114 Resp: 244961
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.261 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048062.D
Acq: 08 Oct 2025 10:04

Tgt Ion:113 Resp: 80928
Ion Ratio Lower Upper
113 100
111 100.3 80.9 121.3
192 17.9 14.2 21.4

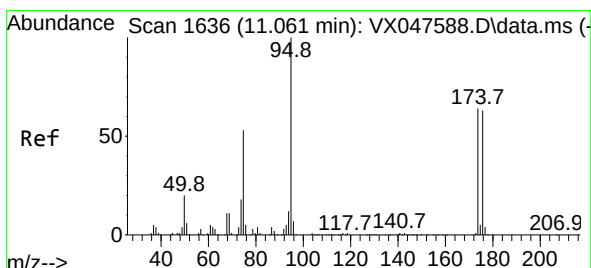
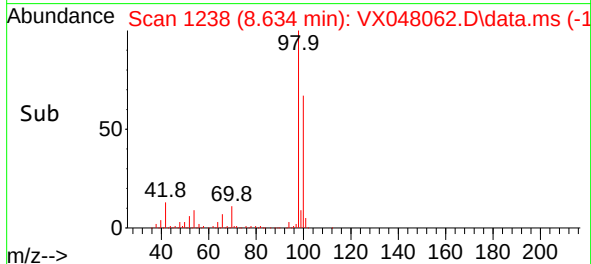
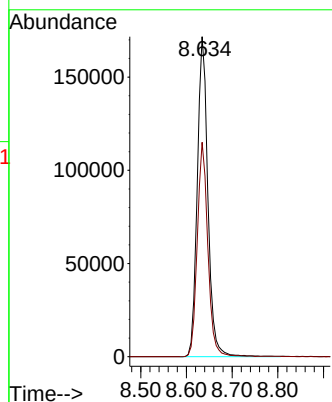
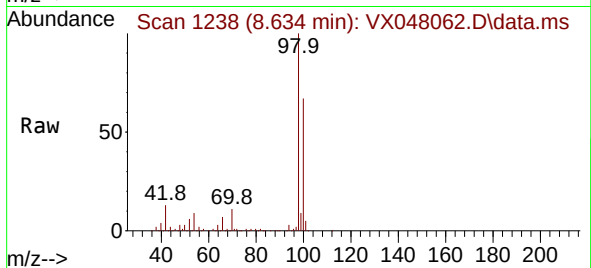




#50
Toluene-d8
Concen: 48.774 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048062.D
Acq: 08 Oct 2025 10:04

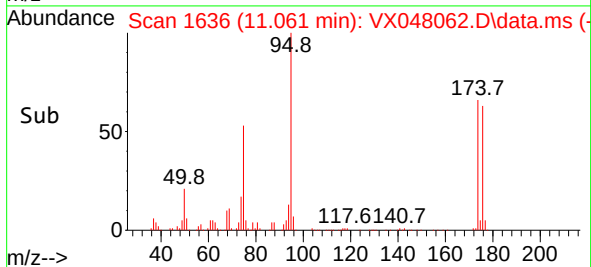
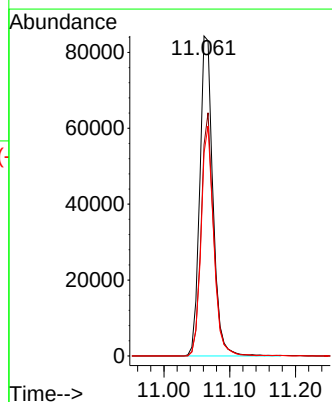
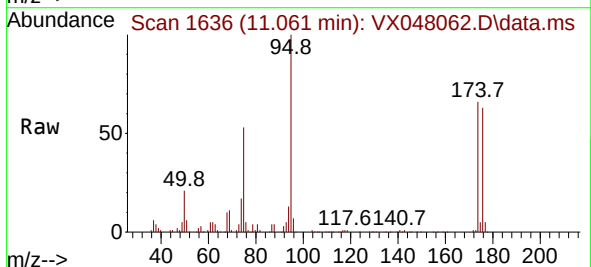
Instrument :
MSVOA_X
ClientSampleId :
VX1008WBL01

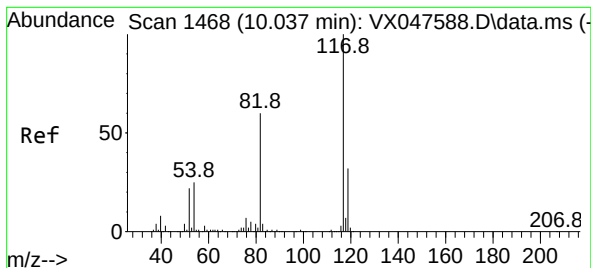
Tgt Ion: 98 Resp: 277261
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.073 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048062.D
Acq: 08 Oct 2025 10:04

Tgt Ion: 95 Resp: 116657
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 69.1 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048062.D

Acq: 08 Oct 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBL01

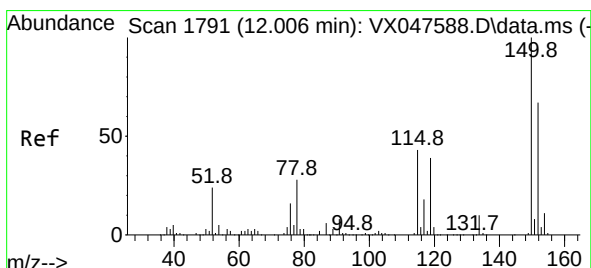
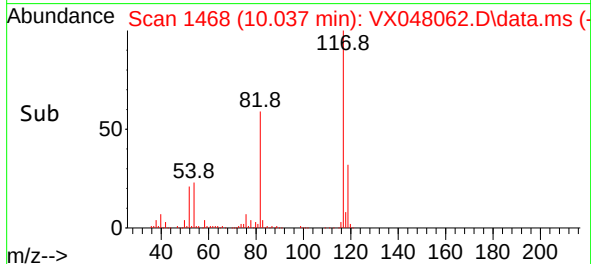
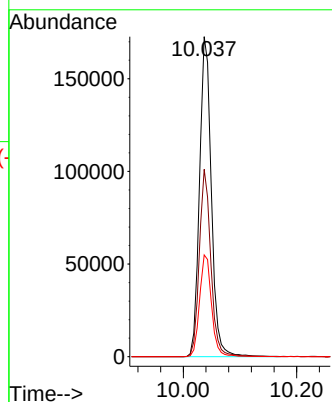
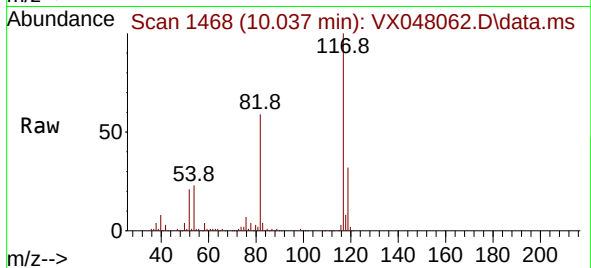
Tgt Ion:117 Resp: 249961

Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.6

119 31.8 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048062.D

Acq: 08 Oct 2025 10:04

Tgt Ion:152 Resp: 121871

Ion Ratio Lower Upper

152 100

115 63.3 44.9 134.5

150 159.5 0.0 352.0

