

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
 Data File : VX048522.D
 Acq On : 07 Nov 2025 15:39
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Nov 08 05:03:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	147386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	281174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	294985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	150625	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105710	51.473	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.940%
35) Dibromofluoromethane	5.373	113	94862	44.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.160%
50) Toluene-d8	8.635	98	355368	53.542	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.080%
62) 4-Bromofluorobenzene	11.061	95	147897	59.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.580%

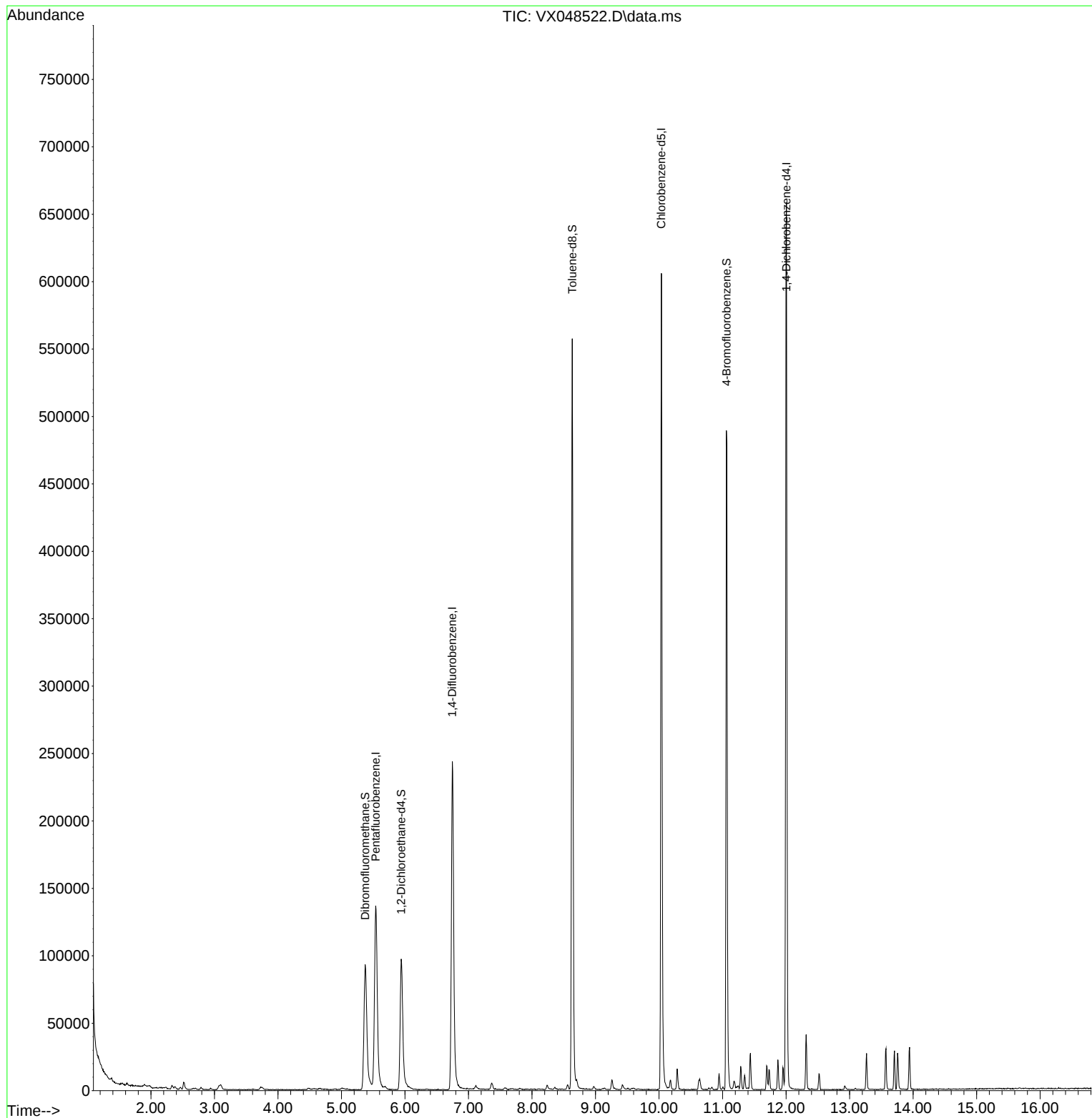
Target Compounds	Qvalue

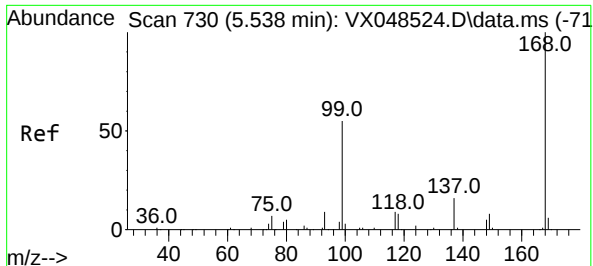
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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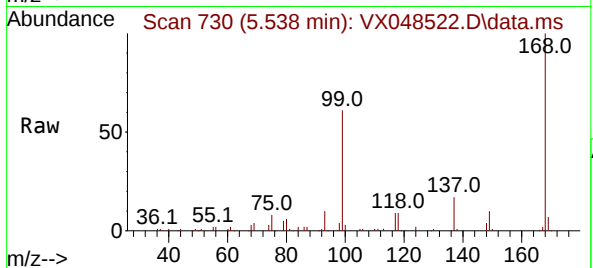
Quant Time: Nov 08 05:03:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:01:56 2025
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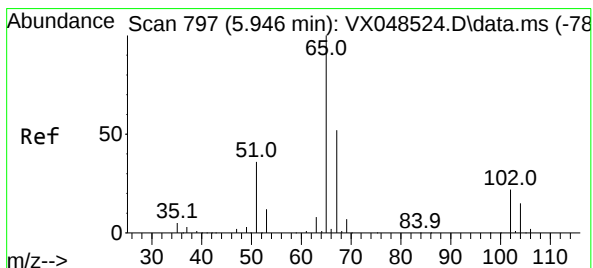
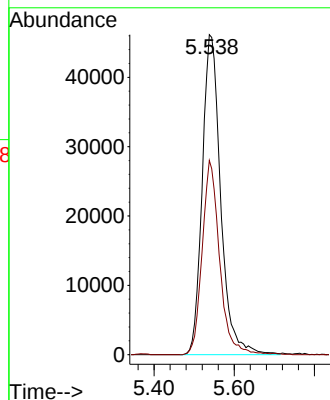
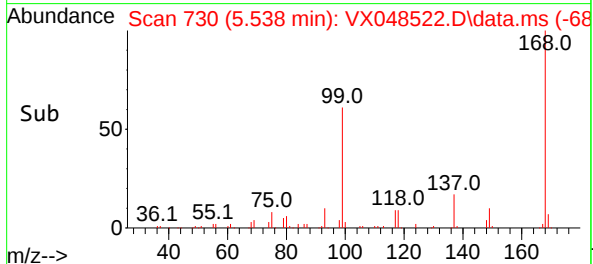


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048522.D
Acq: 07 Nov 2025 15:39

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

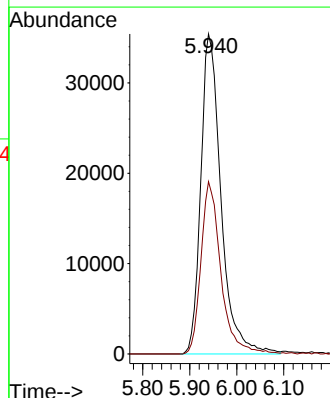
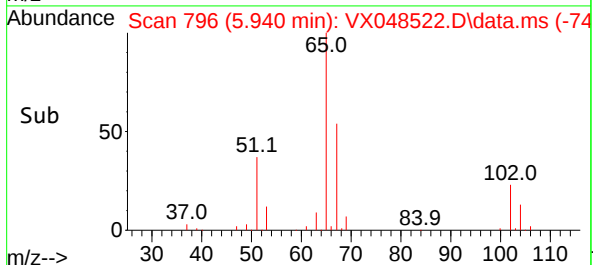
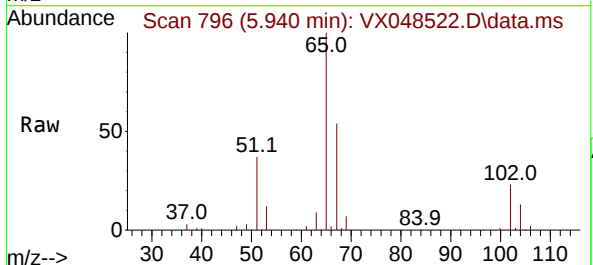


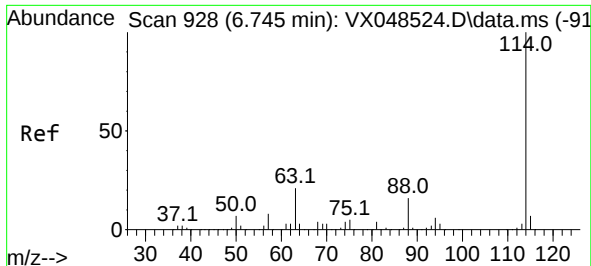
Tgt Ion:168 Resp: 147386
Ion Ratio Lower Upper
168 100
99 60.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 51.473 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048522.D
Acq: 07 Nov 2025 15:39

Tgt Ion: 65 Resp: 105710
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.2

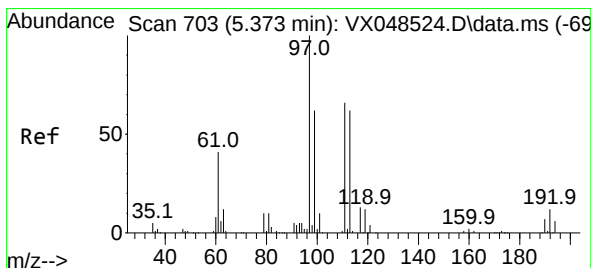
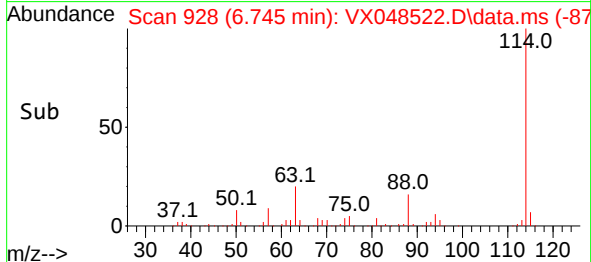
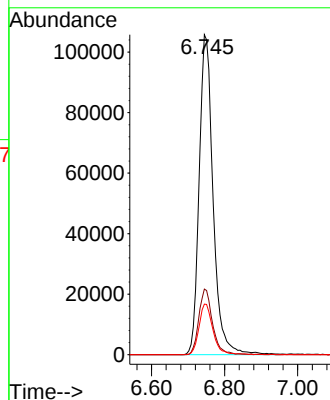
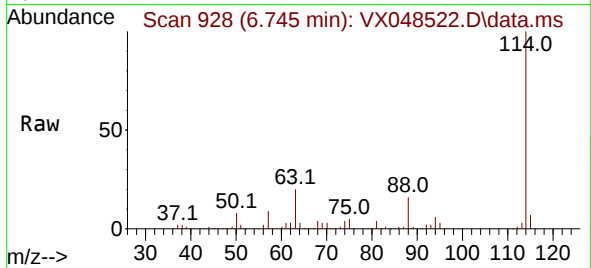




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048522.D
Acq: 07 Nov 2025 15:39

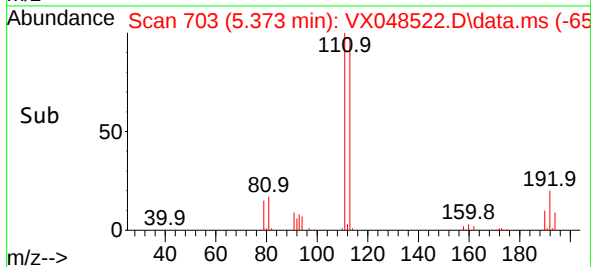
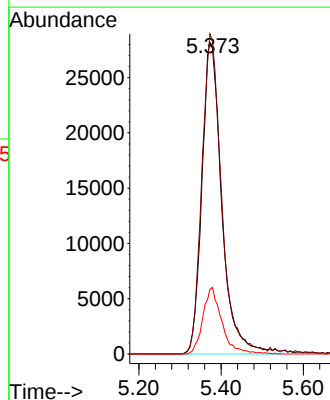
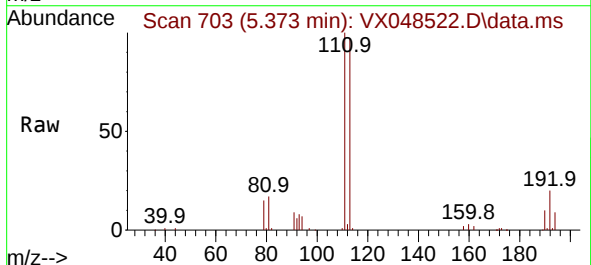
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

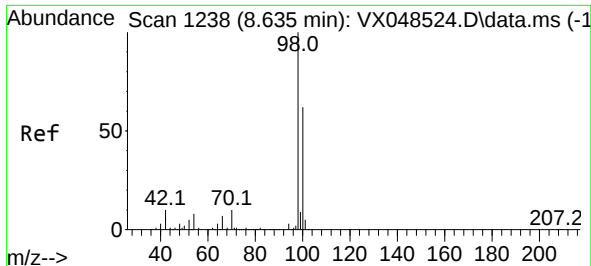
Tgt Ion:114 Resp: 281174
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.2
88 15.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 44.576 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048522.D
Acq: 07 Nov 2025 15:39

Tgt Ion:113 Resp: 94862
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.3 15.8 23.6

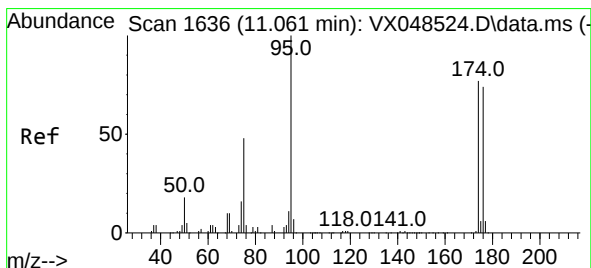
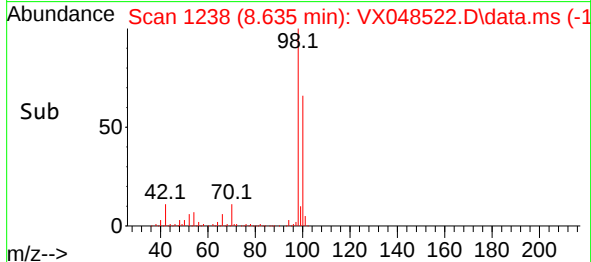
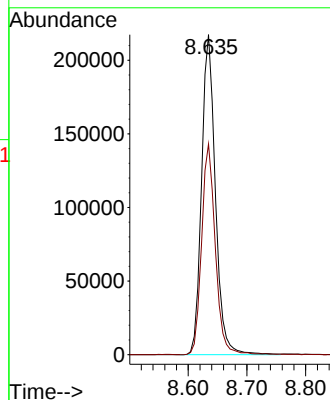
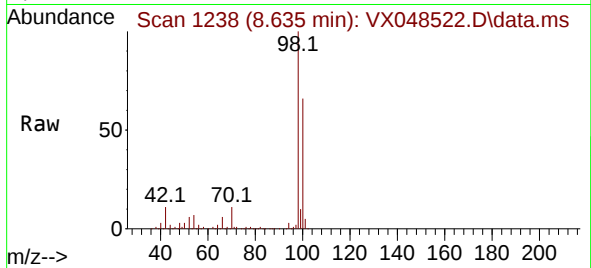




#50
Toluene-d8
Concen: 53.542 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048522.D
Acq: 07 Nov 2025 15:39

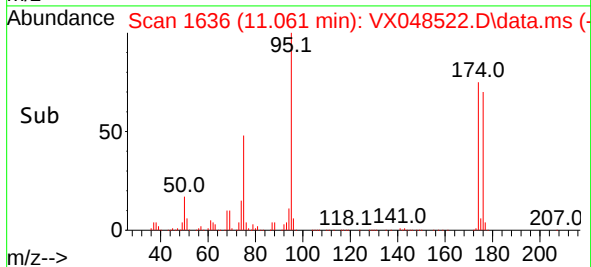
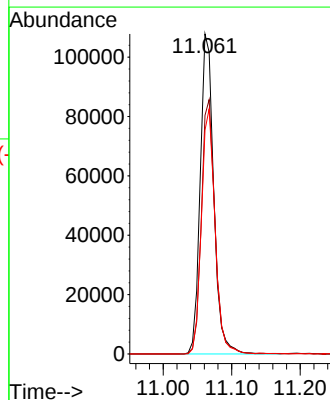
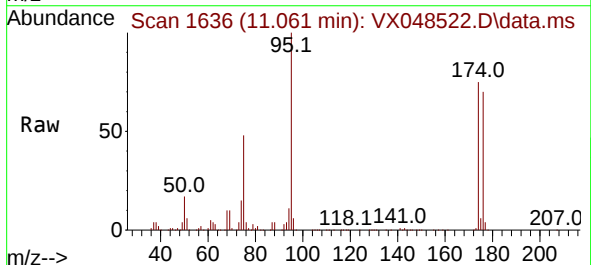
Instrument :
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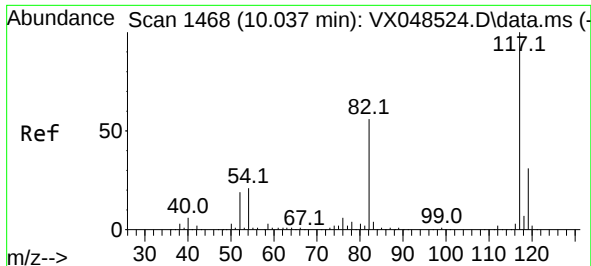
Tgt Ion: 98 Resp: 355368
Ion Ratio Lower Upper
98 100
100 65.3 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 59.793 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048522.D
Acq: 07 Nov 2025 15:39

Tgt Ion: 95 Resp: 147897
Ion Ratio Lower Upper
95 100
174 80.0 0.0 161.8
176 77.4 0.0 153.6

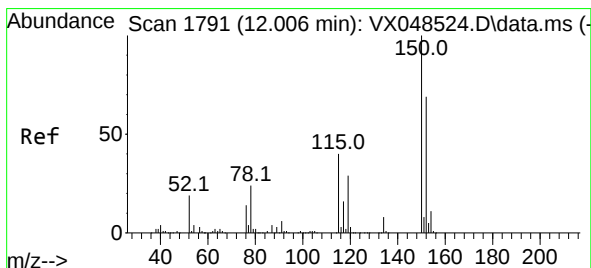
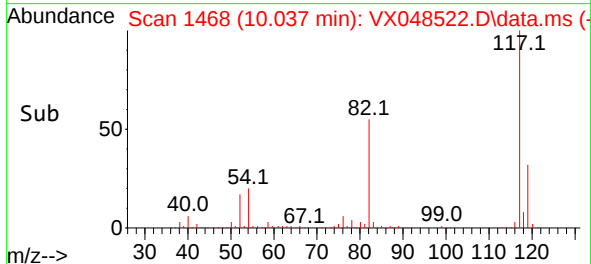
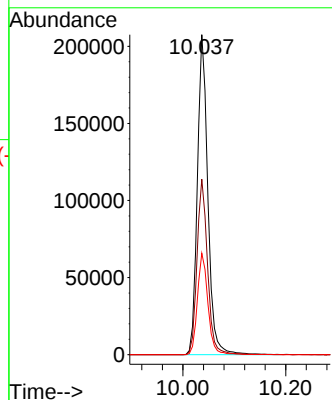
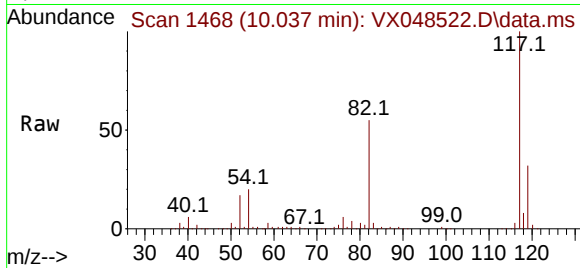




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048522.D
Acq: 07 Nov 2025 15:39

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 294985
Ion Ratio Lower Upper
117 100
82 54.9 44.4 66.6
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048522.D
Acq: 07 Nov 2025 15:39

Tgt Ion:152 Resp: 150625
Ion Ratio Lower Upper
152 100
115 57.7 39.2 117.6
150 157.5 0.0 347.0

