

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048824.D
 Acq On : 11 Dec 2025 14:06
 Operator : JC/MD
 Sample : VX1211WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBL01

Quant Time: Dec 11 23:48:57 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	5.532	168	251542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	411094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	347963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	149114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	160238	47.462	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.920%
35) Dibromofluoromethane	5.361	113	134968	47.683	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	8.629	98	489960	49.382	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.061	95	148637	43.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.880%

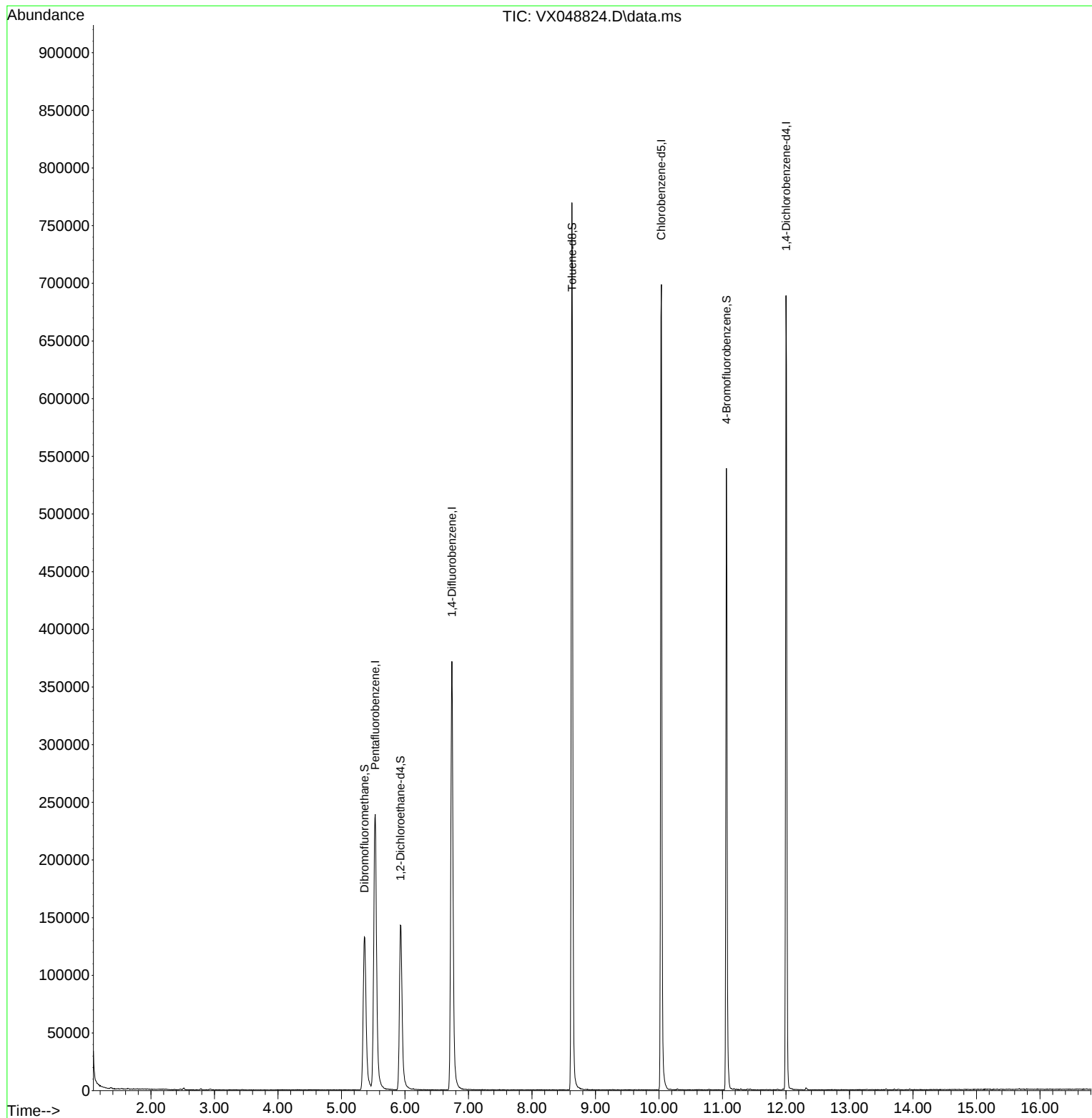
Target Compounds	Qvalue

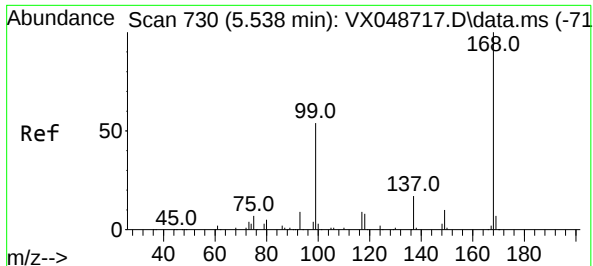
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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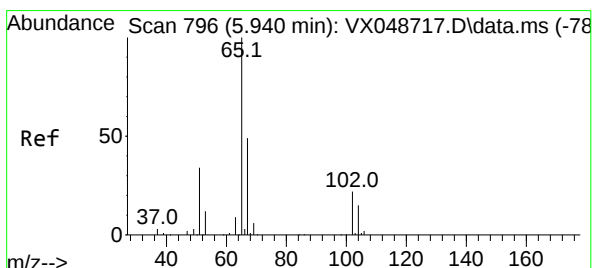
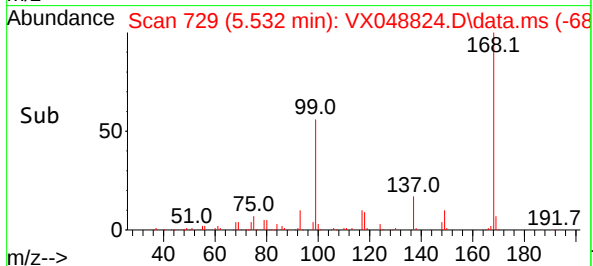
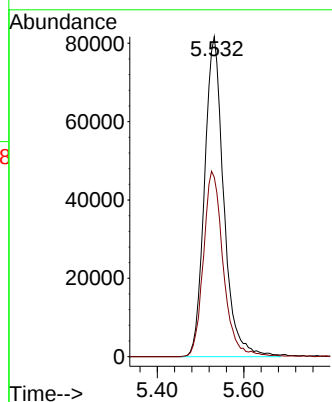
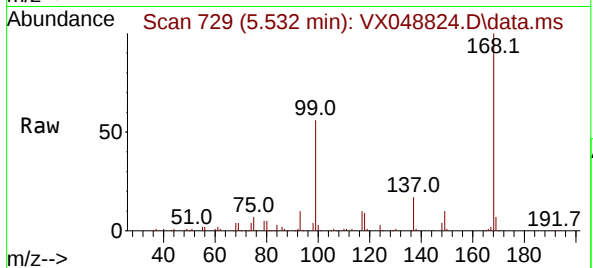




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

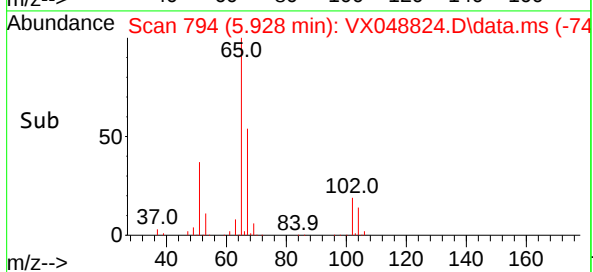
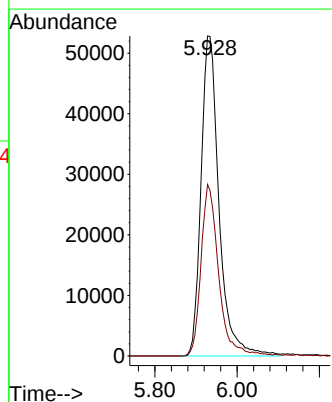
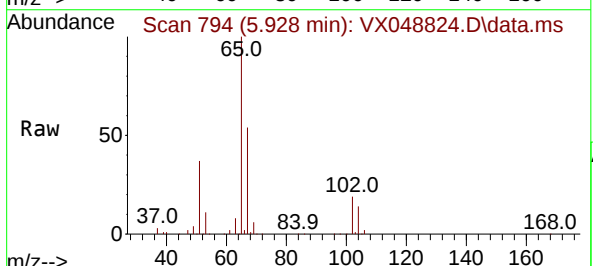
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

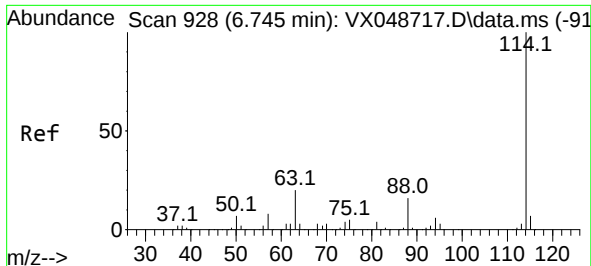
Tgt Ion:168 Resp: 251542
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.462 ug/l
RT: 5.928 min Scan# 794
Delta R.T. -0.012 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion: 65 Resp: 160238
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

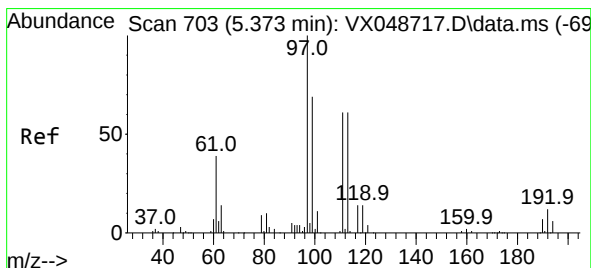
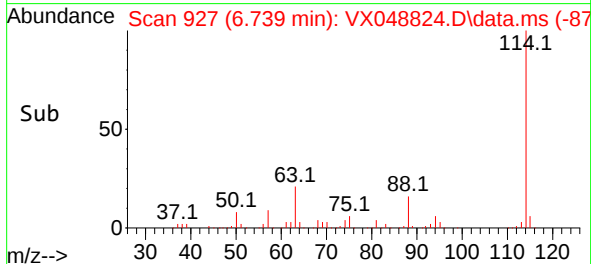
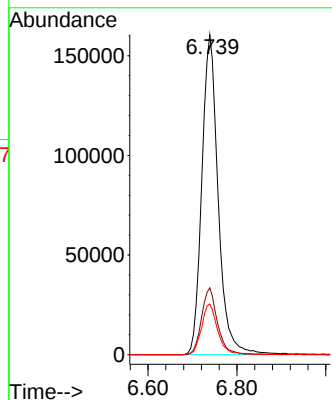
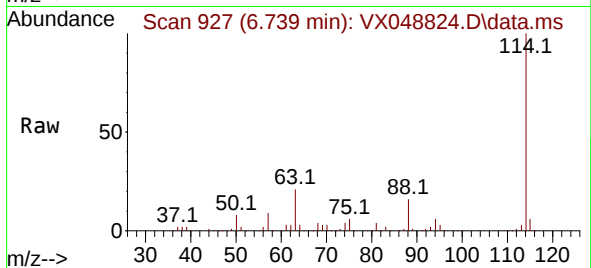




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

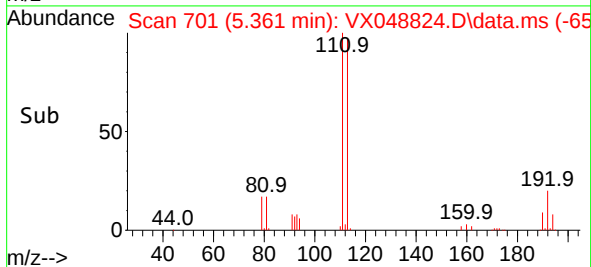
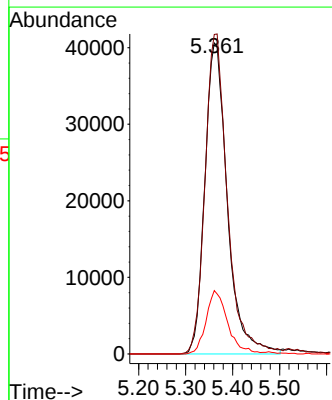
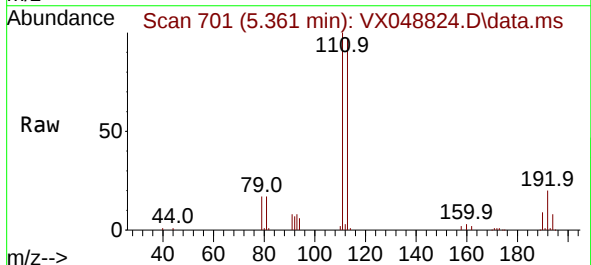
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

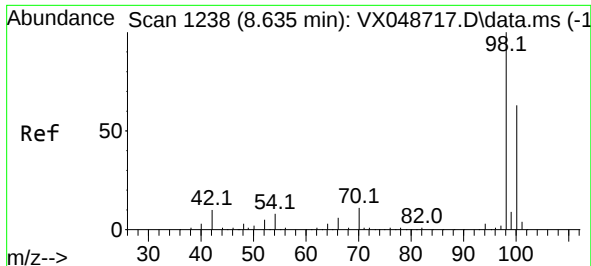
Tgt Ion:114 Resp: 411094
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.0
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.683 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion:113 Resp: 134968
Ion Ratio Lower Upper
113 100
111 102.1 79.5 119.3
192 19.5 16.1 24.1

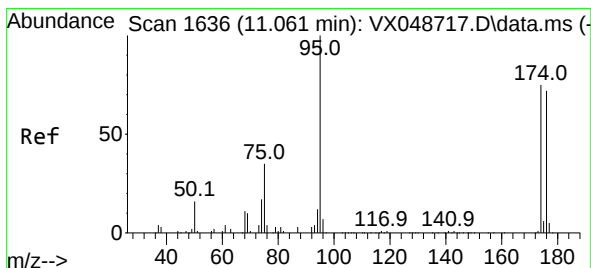
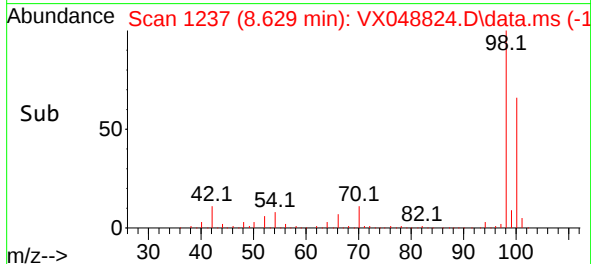
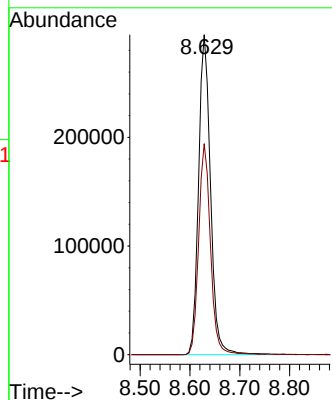
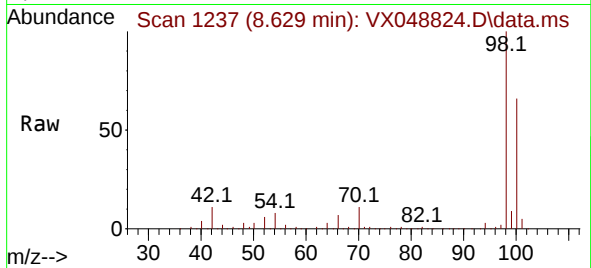




#50
Toluene-d8
Concen: 49.382 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

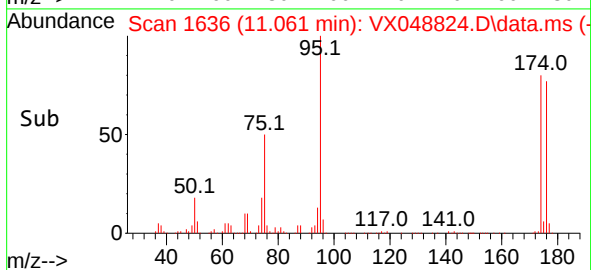
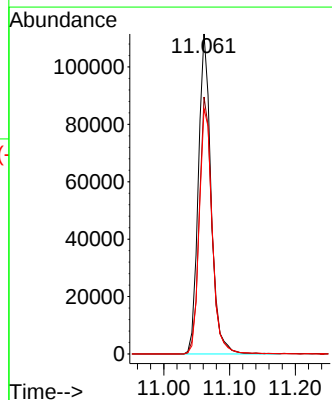
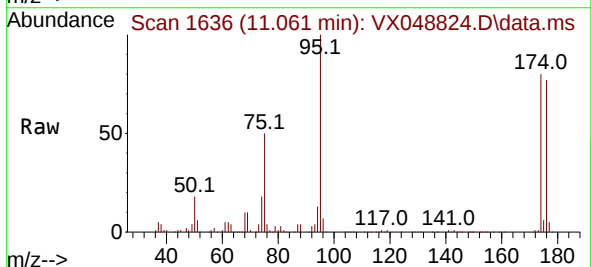
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

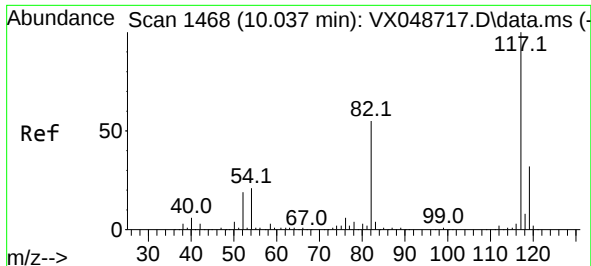
Tgt Ion: 98 Resp: 489960
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 43.443 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion: 95 Resp: 148637
Ion Ratio Lower Upper
95 100
174 80.8 0.0 157.8
176 79.0 0.0 154.0

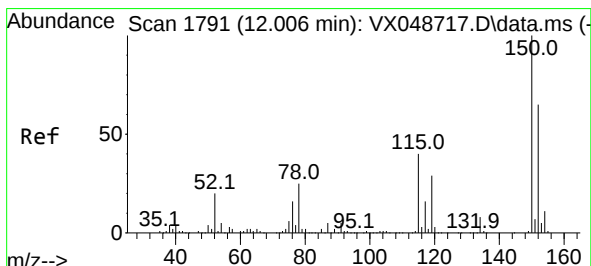
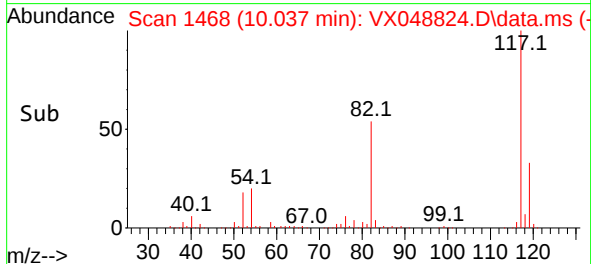
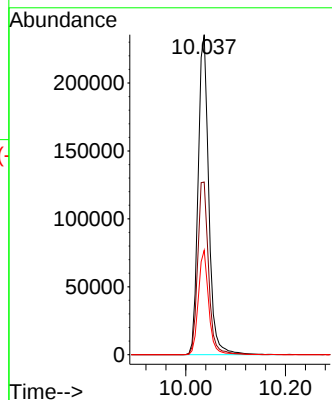
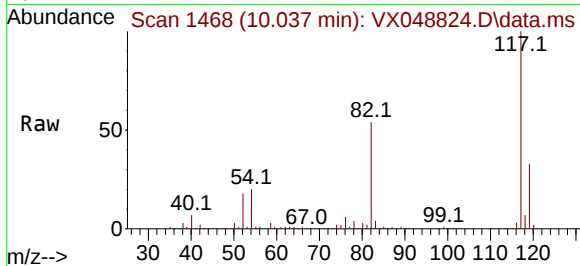




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

Tgt Ion:117 Resp: 347963
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion:152 Resp: 149114
Ion Ratio Lower Upper
152 100
115 60.0 42.1 126.4
150 160.5 0.0 347.8

