

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112125\
 Data File : VX048650.D
 Acq On : 21 Nov 2025 12:38
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 21 22:12:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	210746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	433201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	452257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	238093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	160177	54.545	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.100%
35) Dibromofluoromethane	5.373	113	141978	43.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.600%
50) Toluene-d8	8.635	98	497276	48.629	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.061	95	212012	55.634	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.260%

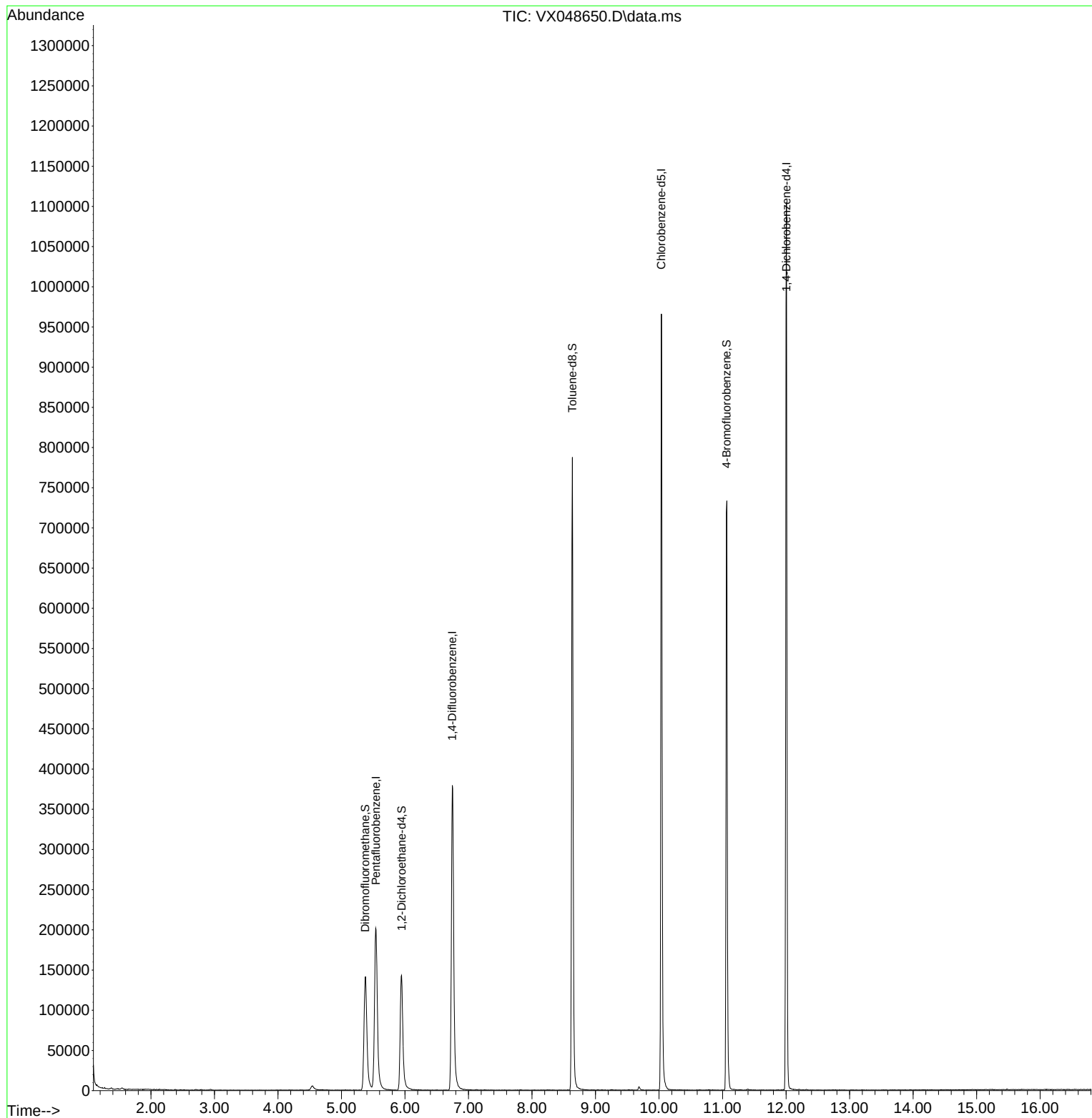
Target Compounds	Qvalue

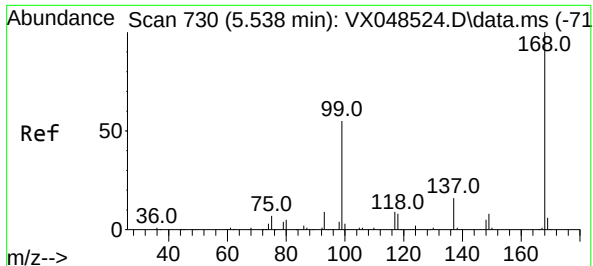
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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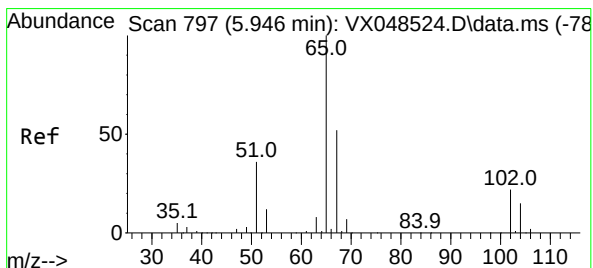
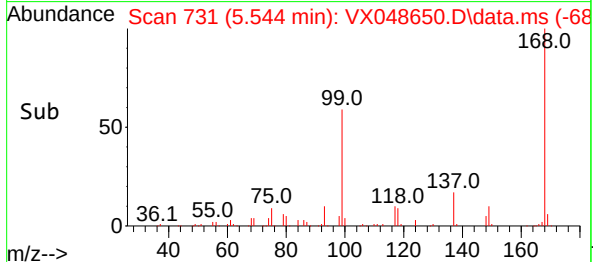
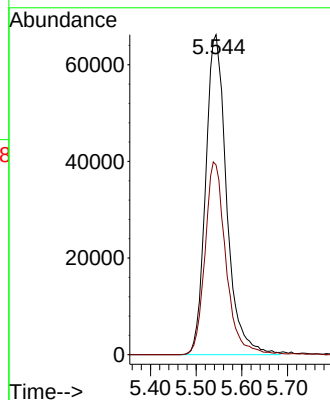
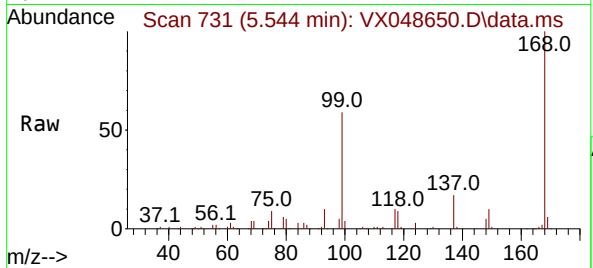




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048650.D
Acq: 21 Nov 2025 12:38

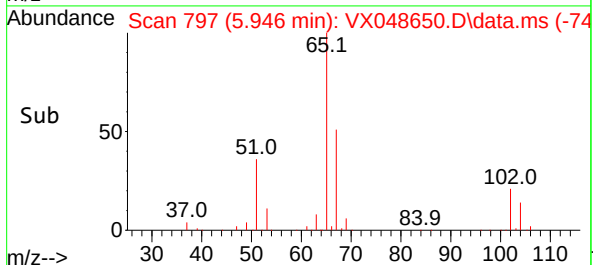
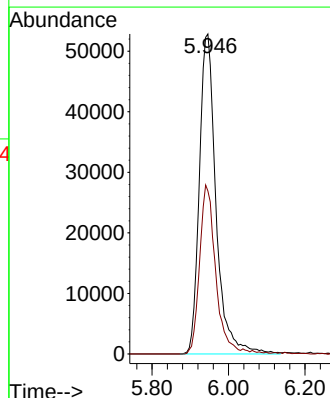
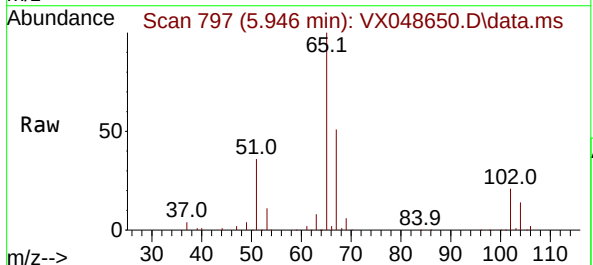
Instrument :
MSVOA_X
ClientSampleId :
IBLK

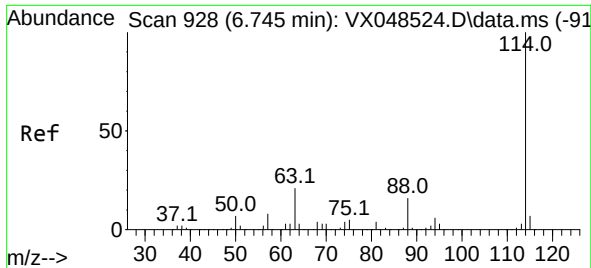
Tgt Ion:168 Resp: 210746
Ion Ratio Lower Upper
168 100
99 59.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 54.545 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048650.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 65 Resp: 160177
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.2

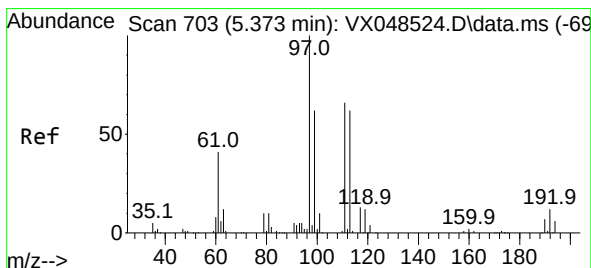
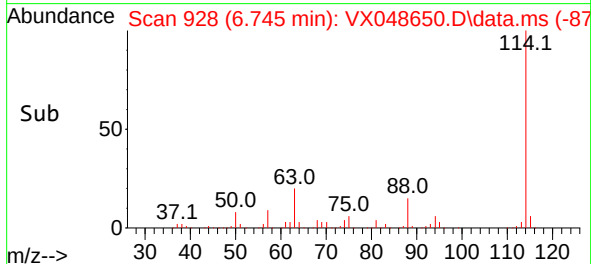
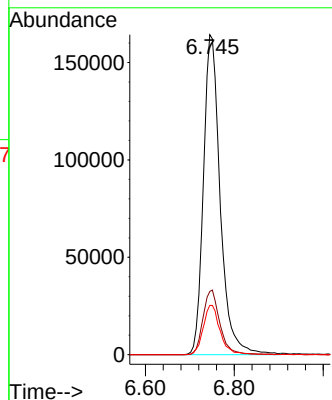
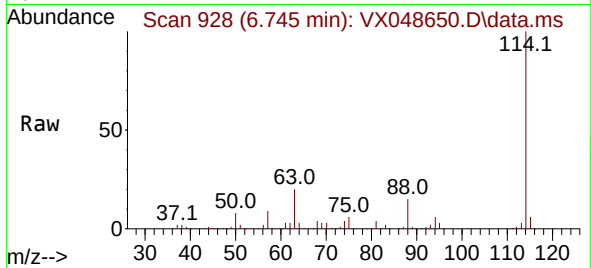




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048650.D
Acq: 21 Nov 2025 12:38

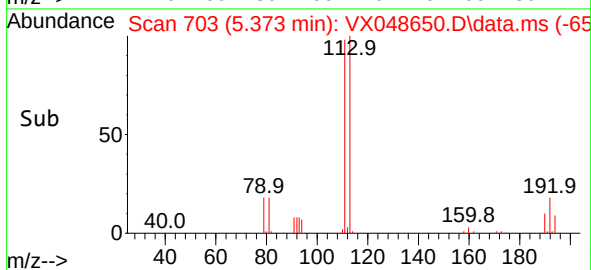
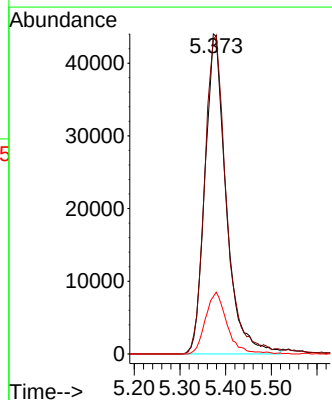
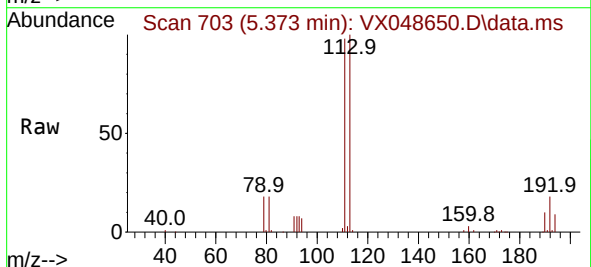
Instrument :
MSVOA_X
ClientSampleId :
IBLK

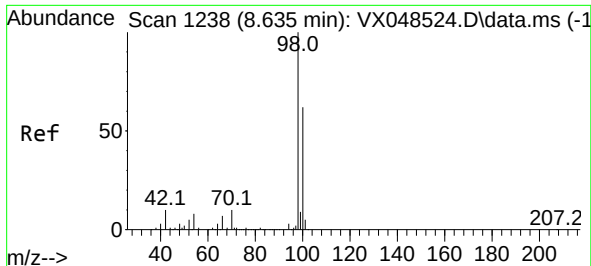
Tgt Ion:114 Resp: 433201
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.2
88 15.4 0.0 32.2



#35
Dibromofluoromethane
Concen: 43.303 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048650.D
Acq: 21 Nov 2025 12:38

Tgt Ion:113 Resp: 141978
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.6 15.8 23.6

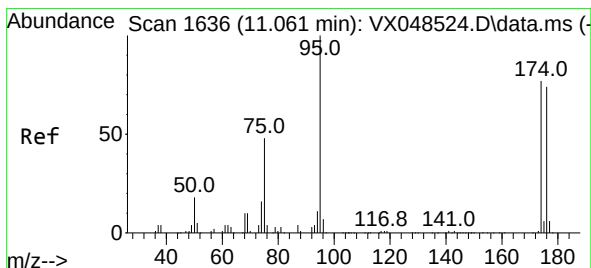
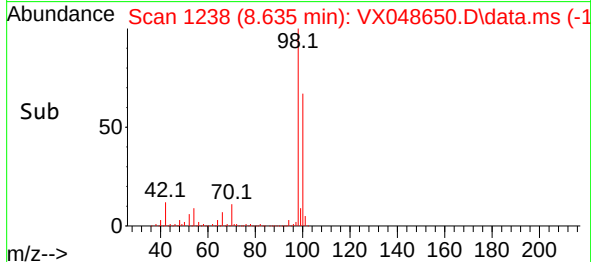
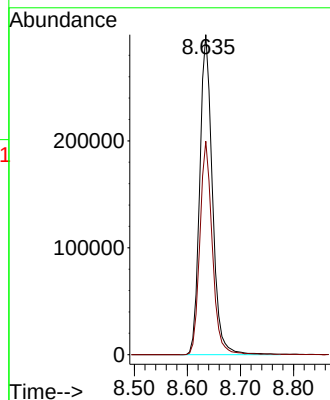
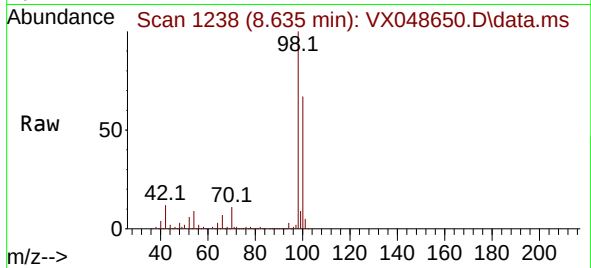




#50
Toluene-d8
Concen: 48.629 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048650.D
Acq: 21 Nov 2025 12:38

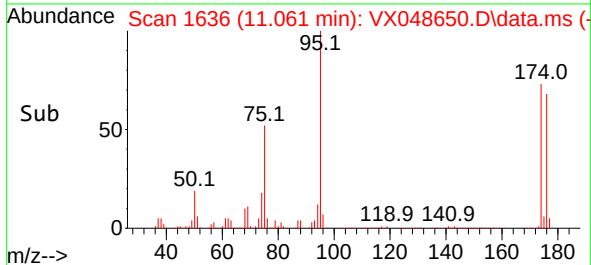
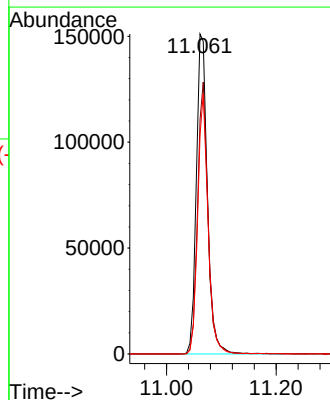
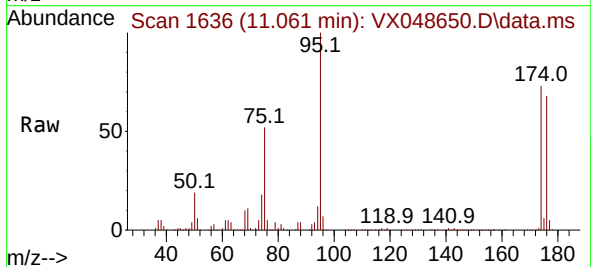
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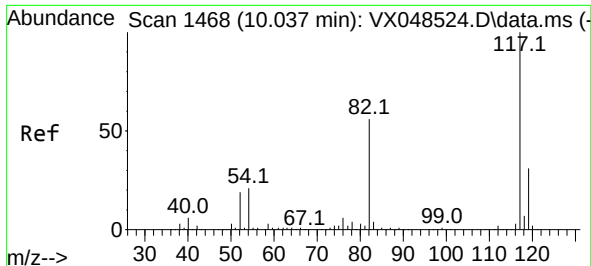
Tgt Ion: 98 Resp: 497276
Ion Ratio Lower Upper
98 100
100 65.7 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 55.634 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048650.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 95 Resp: 212012
Ion Ratio Lower Upper
95 100
174 81.0 0.0 161.8
176 76.1 0.0 153.6

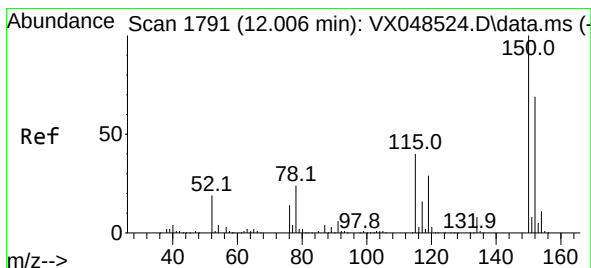
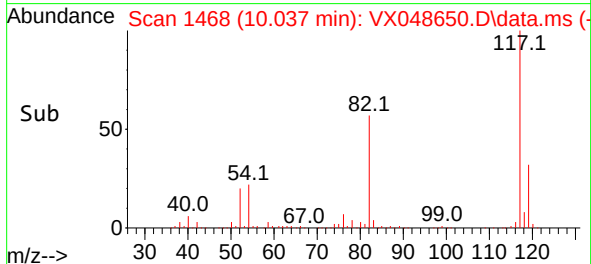
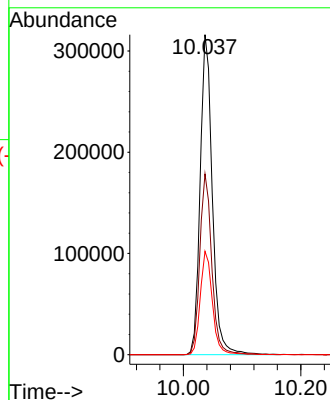
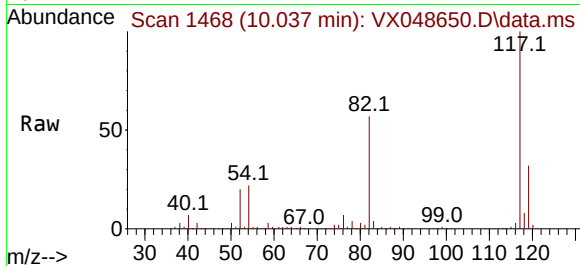




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048650.D
Acq: 21 Nov 2025 12:38

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 452257
Ion Ratio Lower Upper
117 100
82 56.5 44.4 66.6
119 32.3 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: VX048650.D
Acq: 21 Nov 2025 12:38

Tgt Ion:152 Resp: 238093
Ion Ratio Lower Upper
152 100
115 58.7 39.2 117.6
150 156.4 0.0 347.0

