

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112125\
 Data File : VX048651.D
 Acq On : 21 Nov 2025 13:04
 Operator : JC/MD
 Sample : Q3702-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Nov 21 22:12:51 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	5.531	168	160862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	334385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	357734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	192057	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	139449	62.213	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	124.420%#
35) Dibromofluoromethane	5.367	113	113700	44.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.860%
50) Toluene-d8	8.635	98	386416	48.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.920%
62) 4-Bromofluorobenzene	11.061	95	171452	58.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.580%

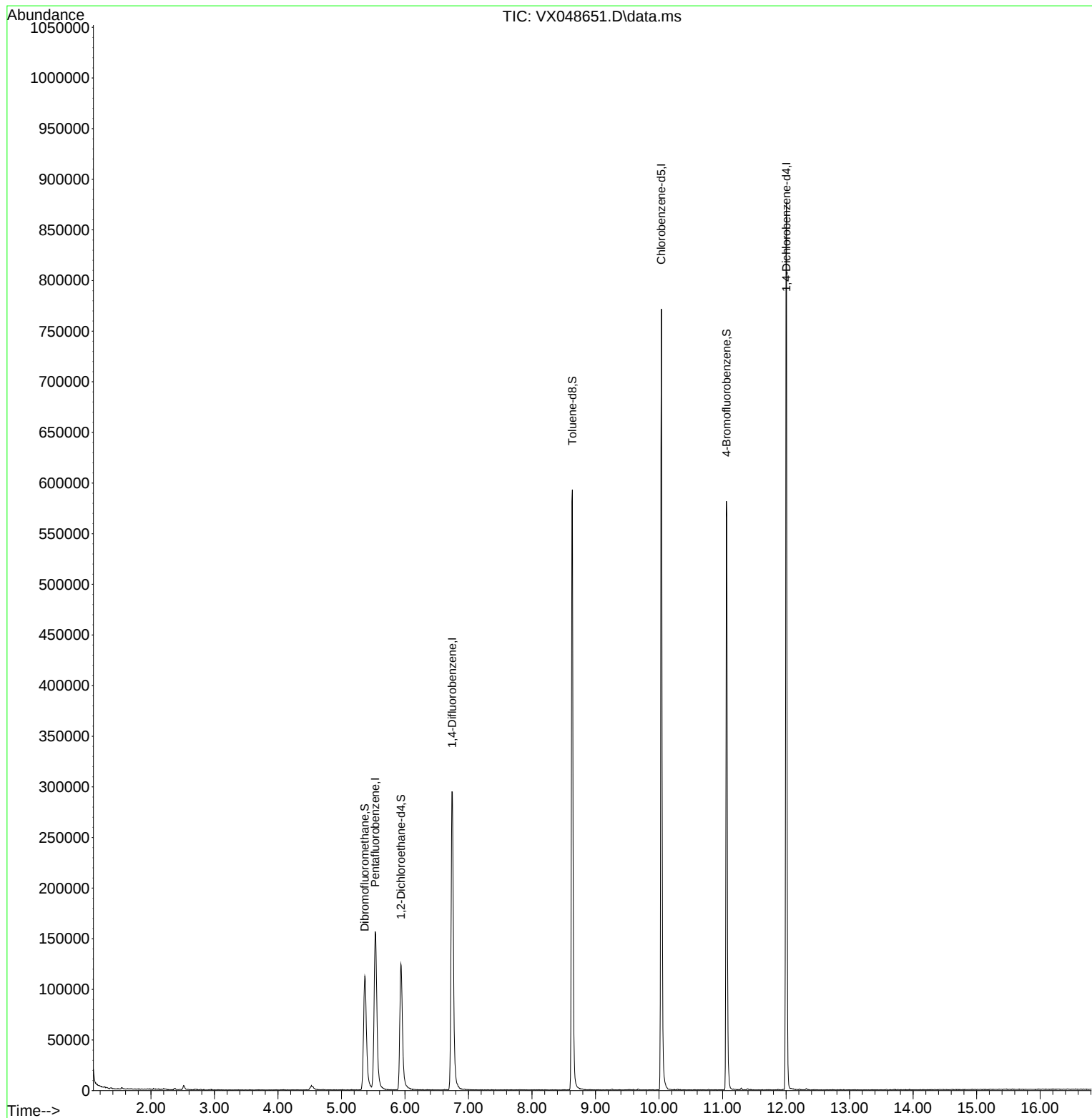
Target Compounds	Qvalue

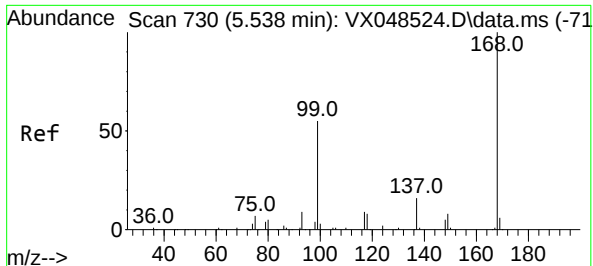
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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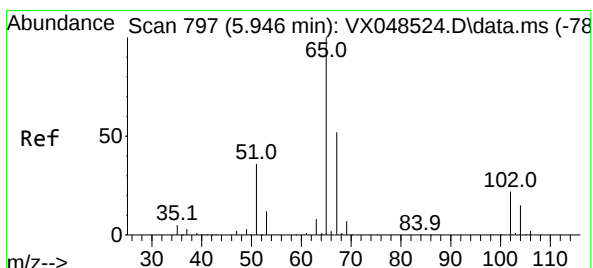
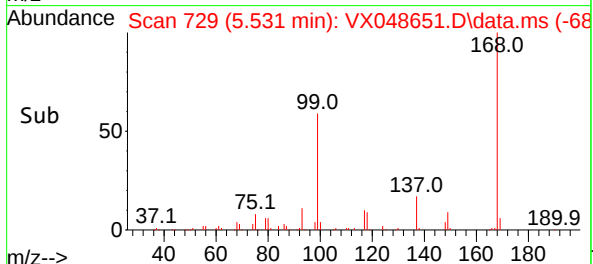
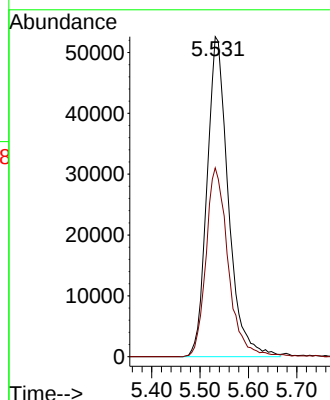
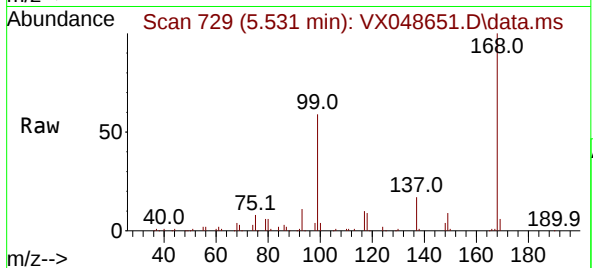




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048651.D
Acq: 21 Nov 2025 13:04

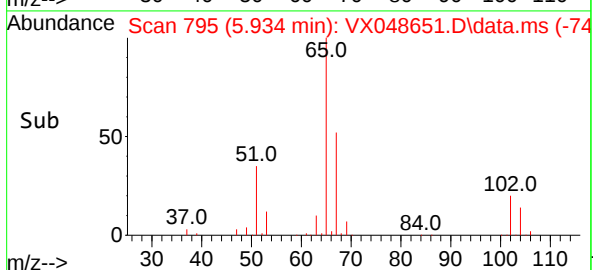
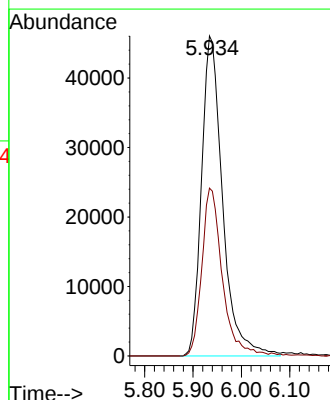
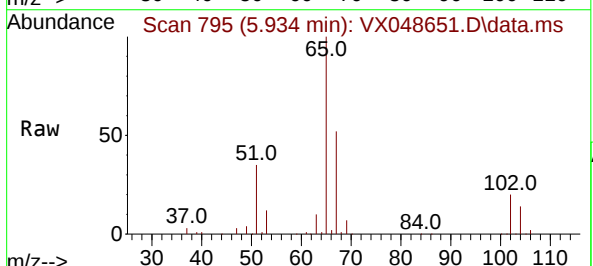
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

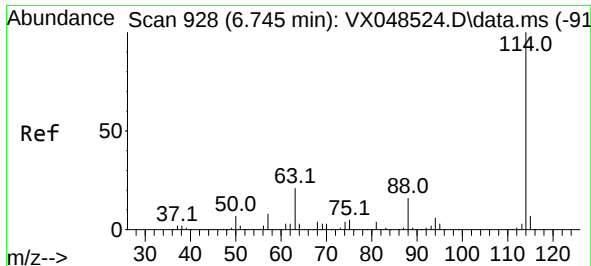
Tgt Ion:168 Resp: 160862
Ion Ratio Lower Upper
168 100
99 59.0 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 62.213 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048651.D
Acq: 21 Nov 2025 13:04

Tgt Ion: 65 Resp: 139449
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.2

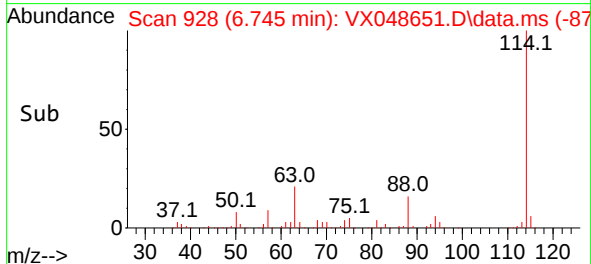
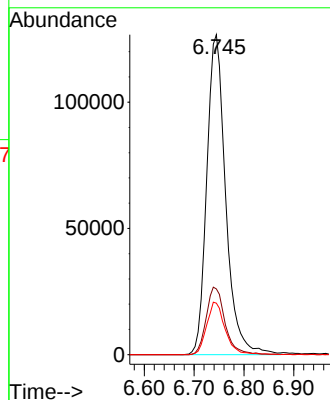
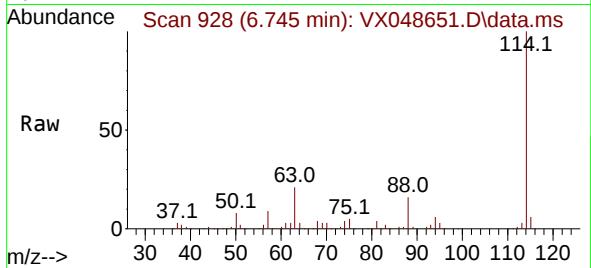




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048651.D
Acq: 21 Nov 2025 13:04

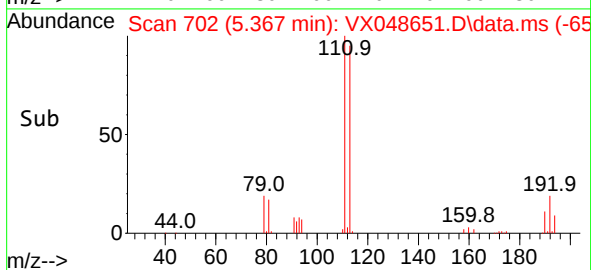
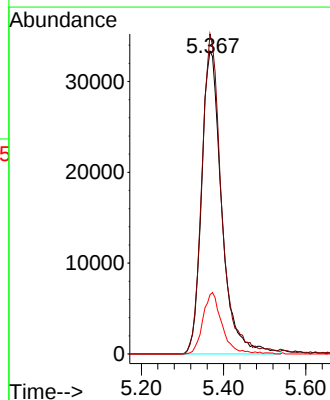
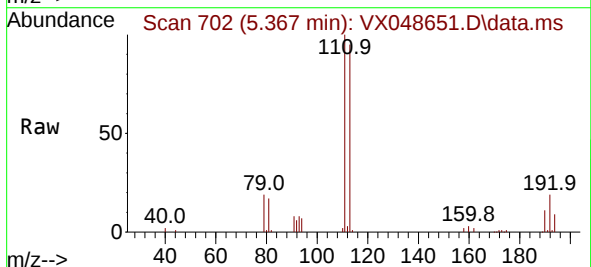
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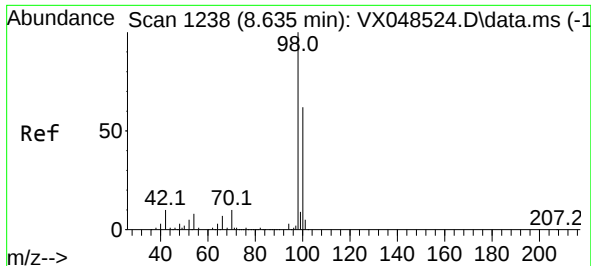
Tgt Ion:114 Resp: 334385
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.2
88 16.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 44.926 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048651.D
Acq: 21 Nov 2025 13:04

Tgt Ion:113 Resp: 113700
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 18.9 15.8 23.6

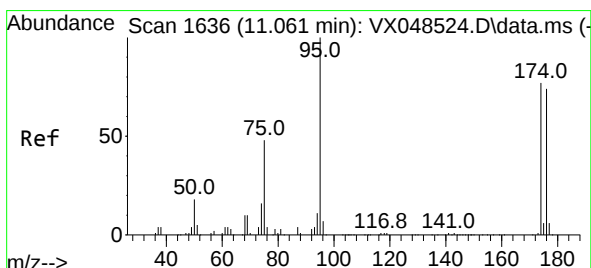
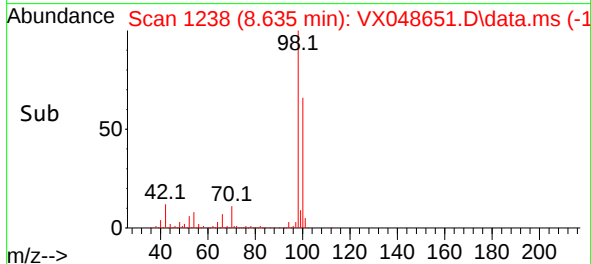
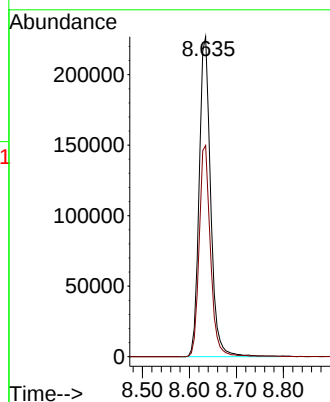
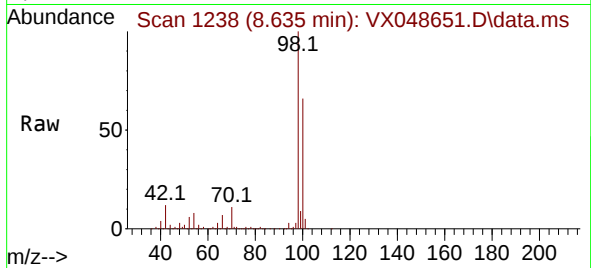




#50
Toluene-d8
Concen: 48.955 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048651.D
Acq: 21 Nov 2025 13:04

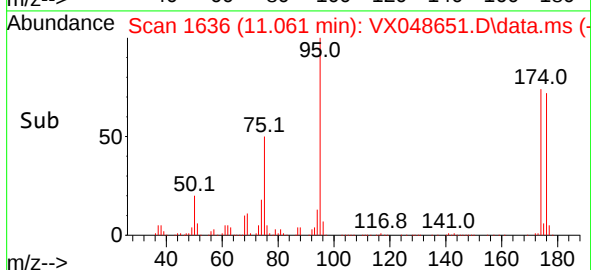
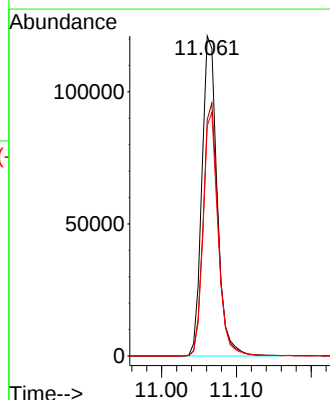
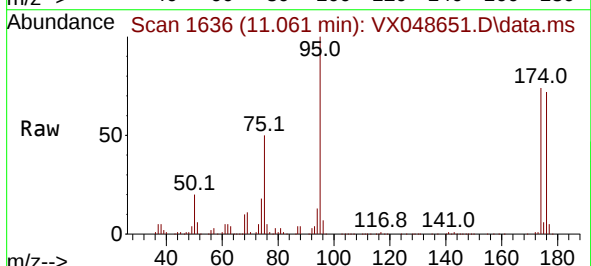
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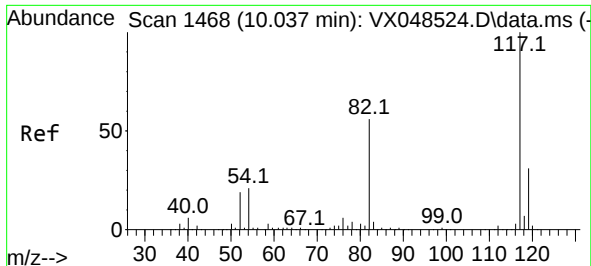
Tgt Ion: 98 Resp: 386416
Ion Ratio Lower Upper
98 100
100 65.1 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 58.286 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048651.D
Acq: 21 Nov 2025 13:04

Tgt Ion: 95 Resp: 171452
Ion Ratio Lower Upper
95 100
174 78.4 0.0 161.8
176 74.5 0.0 153.6

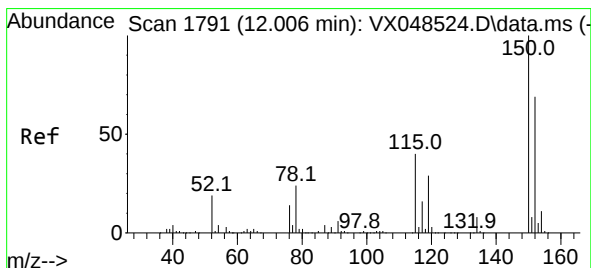
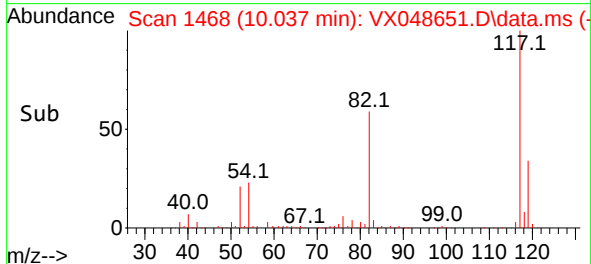
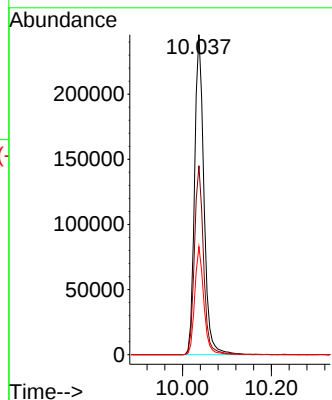
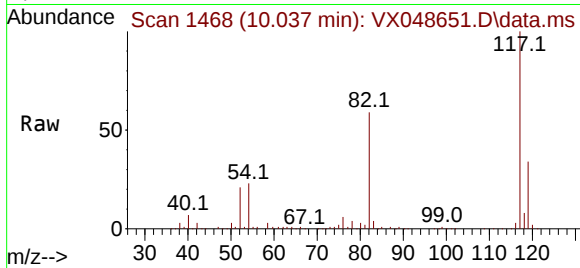




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048651.D
Acq: 21 Nov 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 357734
Ion Ratio Lower Upper
117 100
82 59.1 44.4 66.6
119 33.7 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: VX048651.D
Acq: 21 Nov 2025 13:04

Tgt Ion:152 Resp: 192057
Ion Ratio Lower Upper
152 100
115 60.7 39.2 117.6
150 155.8 0.0 347.0

