

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048625.D
 Acq On : 20 Nov 2025 10:09
 Operator : JC/MD
 Sample : VX1120WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBL01

Quant Time: Nov 21 00:29:48 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	207888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	414763	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	430841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	223366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	159943	55.215	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.420%
35) Dibromofluoromethane	5.367	113	135880	43.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.580%
50) Toluene-d8	8.628	98	523038	53.422	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.840%
62) 4-Bromofluorobenzene	11.061	95	200797	55.033	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.060%

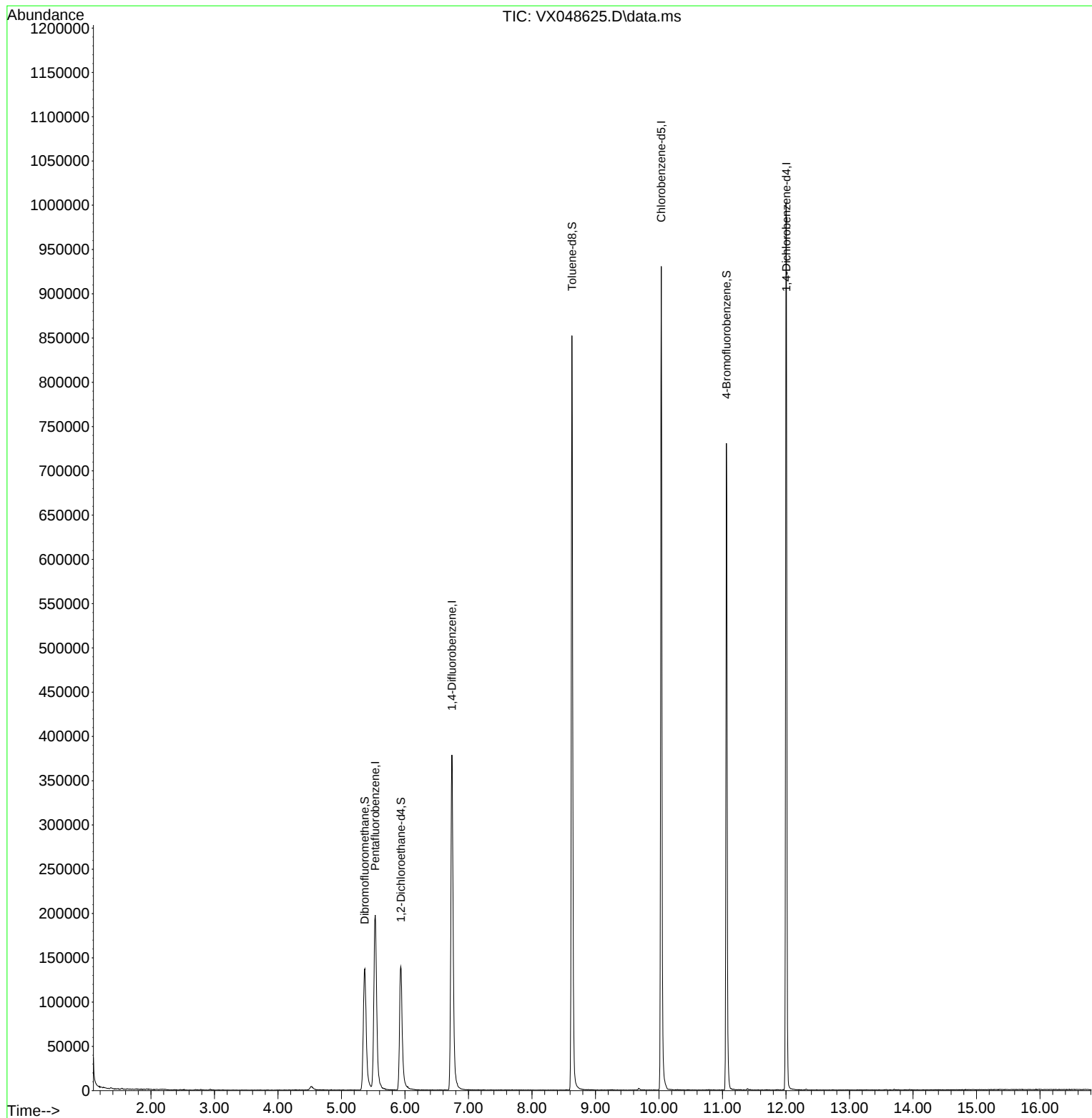
Target Compounds	Qvalue

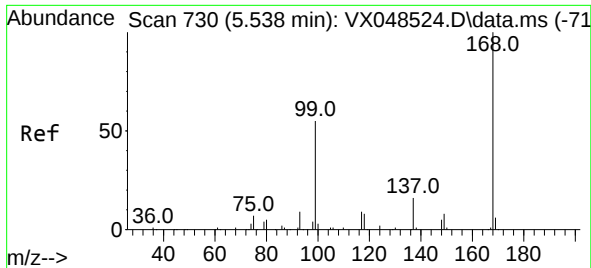
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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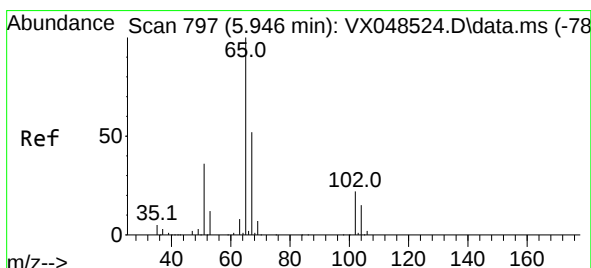
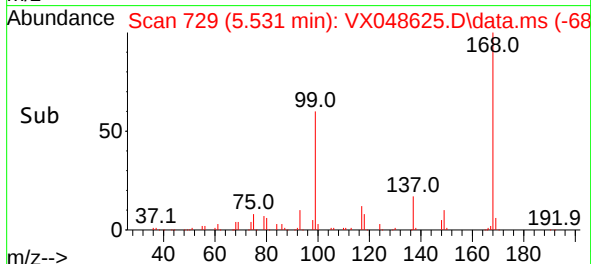
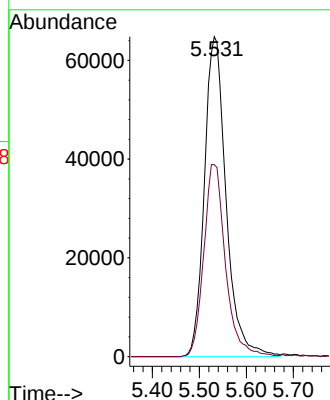
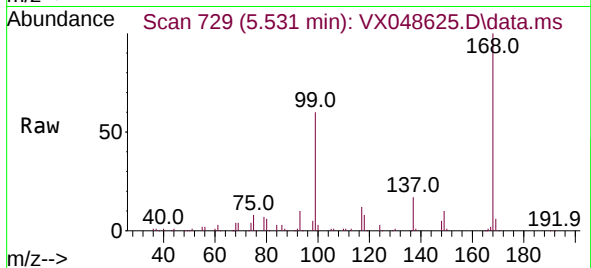




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

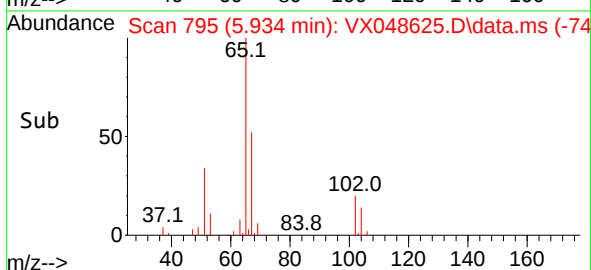
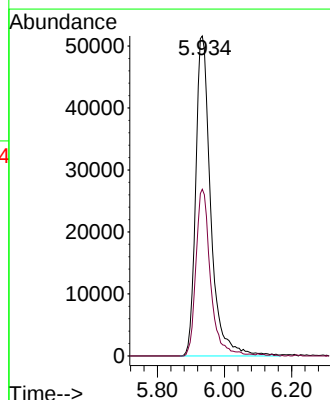
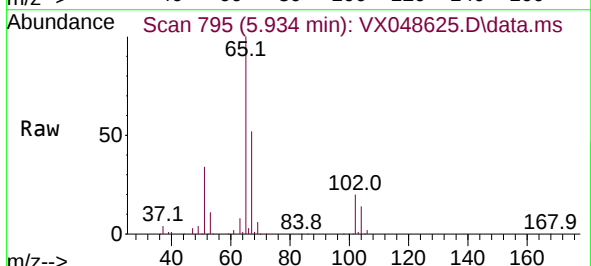
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

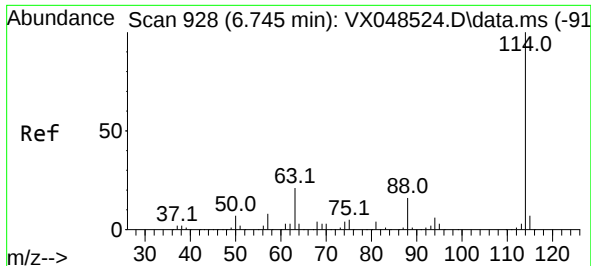
Tgt Ion:168 Resp: 207888
Ion Ratio Lower Upper
168 100
99 60.0 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 55.215 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Tgt Ion: 65 Resp: 159943
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.2

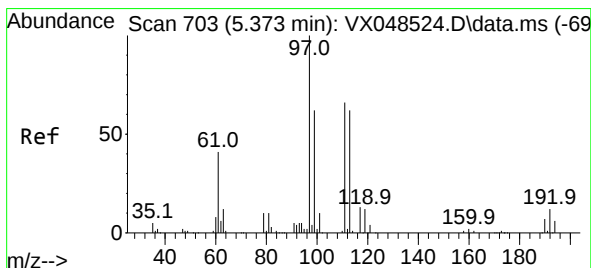
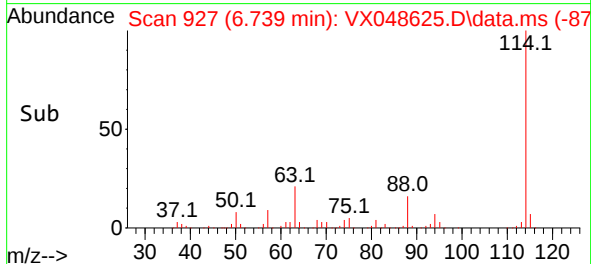
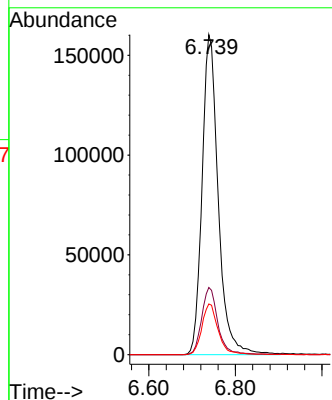
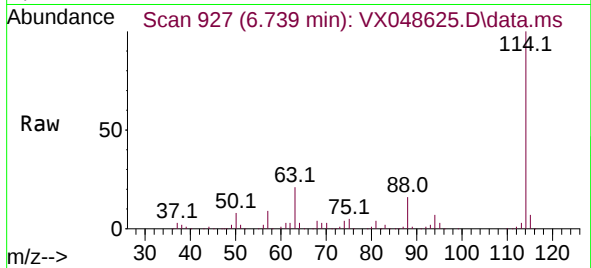




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

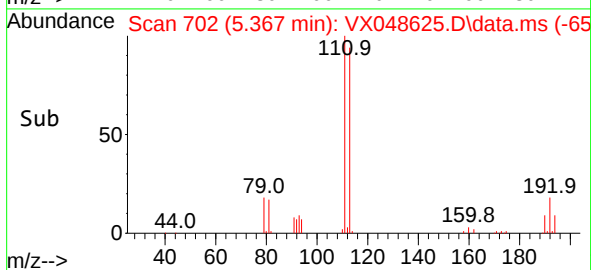
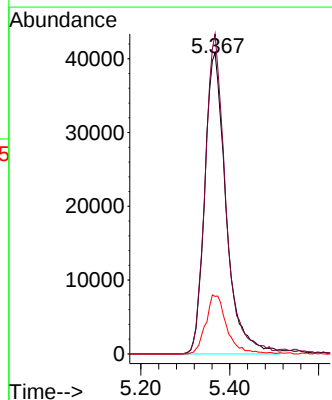
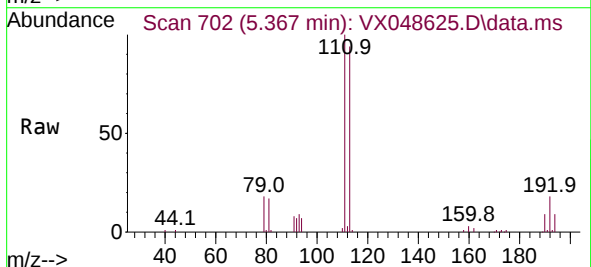
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

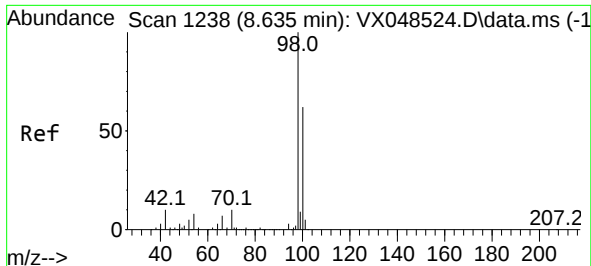
Tgt Ion:114 Resp: 414763
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.2
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 43.285 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Tgt Ion:113 Resp: 135880
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.1 15.8 23.6

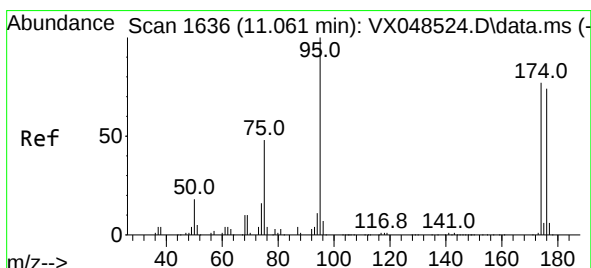
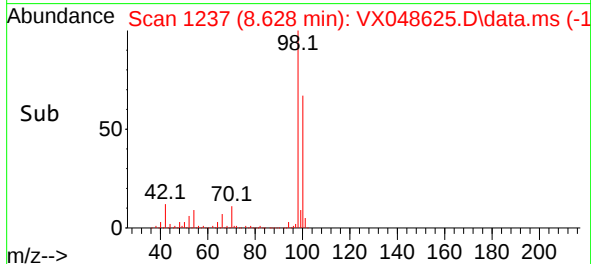
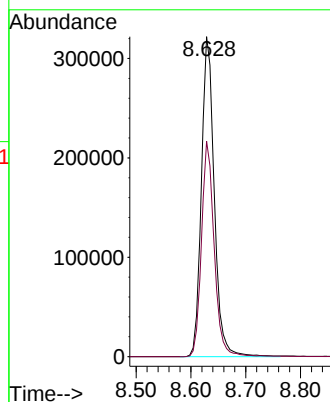
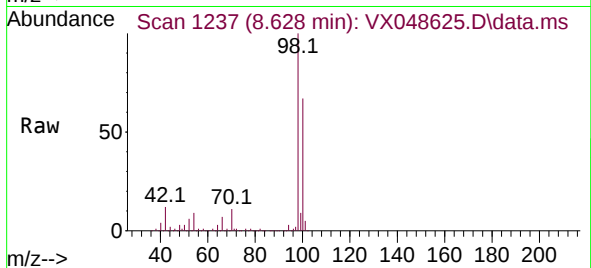




#50
Toluene-d8
Concen: 53.422 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

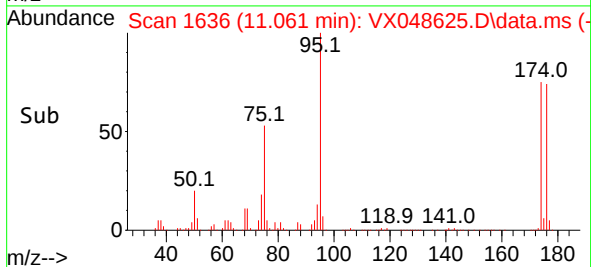
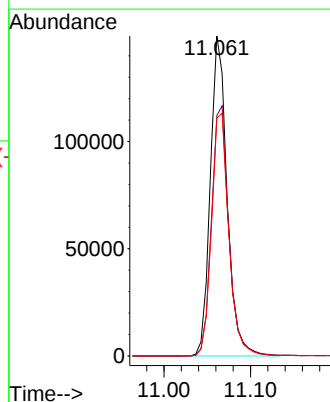
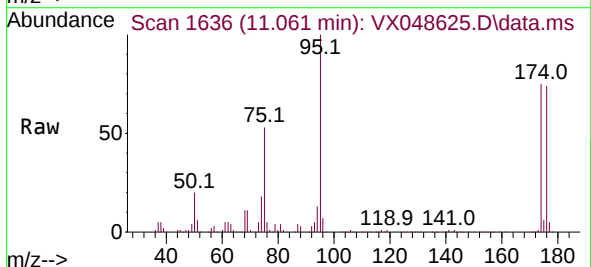
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

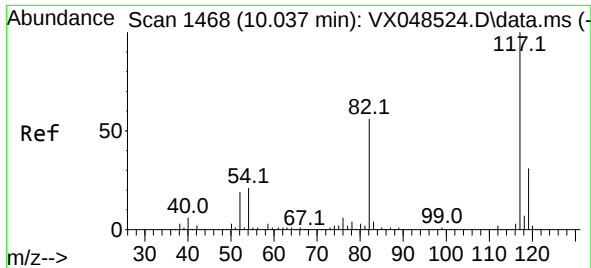
Tgt Ion: 98 Resp: 523038
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 55.033 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Tgt Ion: 95 Resp: 200797
Ion Ratio Lower Upper
95 100
174 80.9 0.0 161.8
176 78.5 0.0 153.6

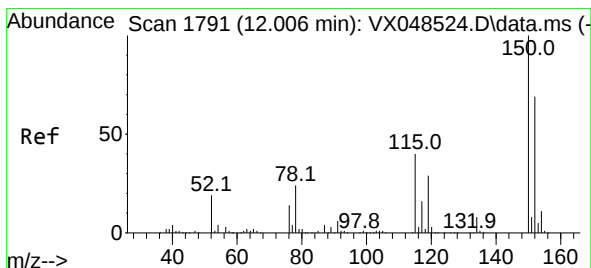
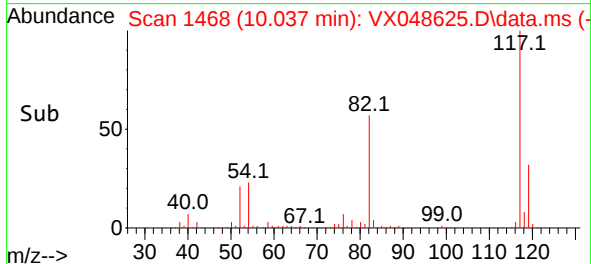
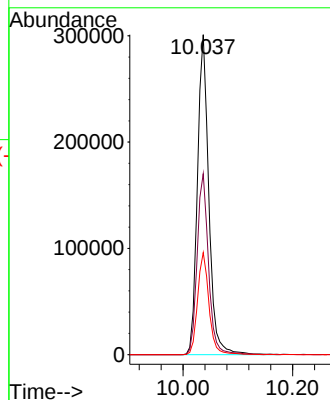
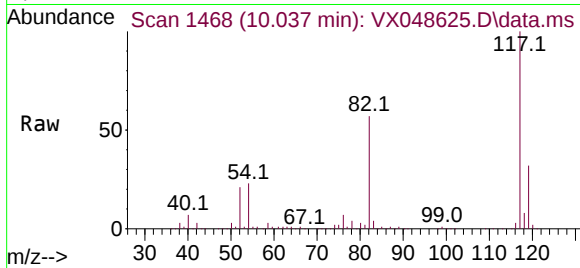




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Tgt Ion:117 Resp: 430841
Ion Ratio Lower Upper
117 100
82 56.5 44.4 66.6
119 31.9 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: VX048625.D
Acq: 20 Nov 2025 10:09

Tgt Ion:152 Resp: 223366
Ion Ratio Lower Upper
152 100
115 58.6 39.2 117.6
150 158.7 0.0 347.0

