

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111425\
 Data File : VX048611.D
 Acq On : 14 Nov 2025 15:41
 Operator : JC/MD
 Sample : Q3643-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 14 22:22:15 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	5.538	168	152243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	286864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	308578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	197471	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	124339	58.612	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.220%#
35) Dibromofluoromethane	5.379	113	103413	47.630	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	8.635	98	345208	50.979	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.960%
62) 4-Bromofluorobenzene	11.067	95	144236	57.157	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.320%

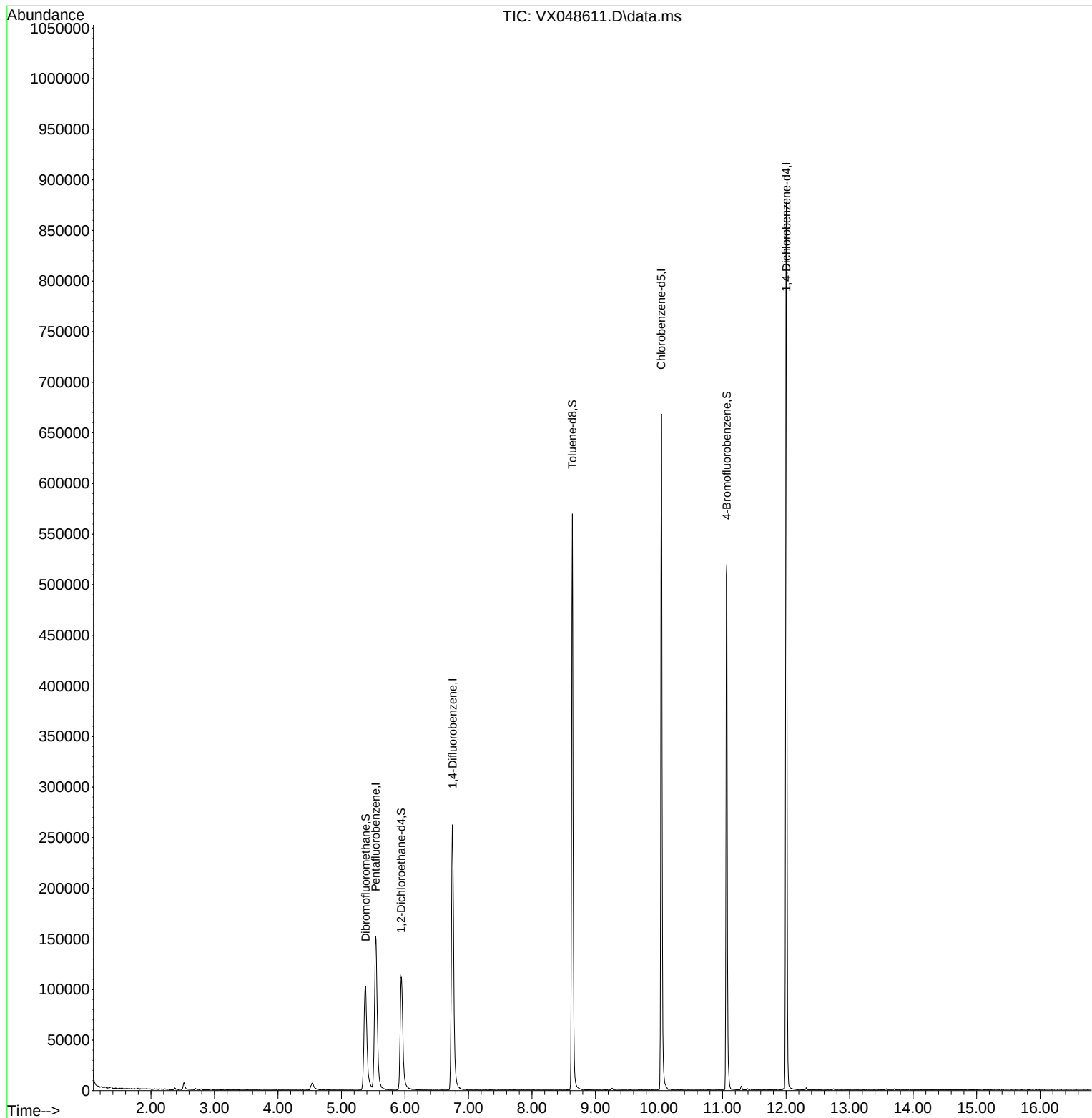
Target Compounds	Qvalue

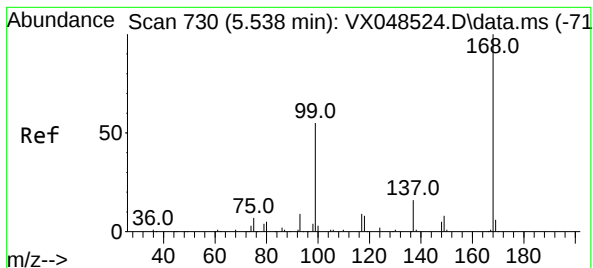
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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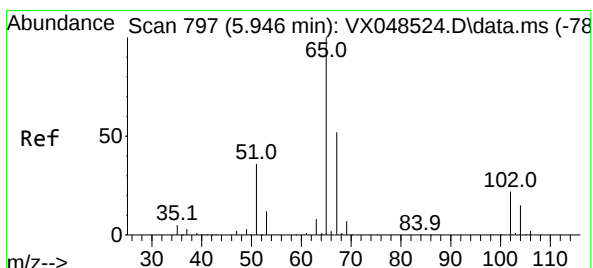
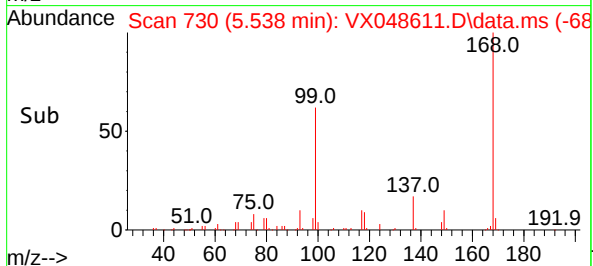
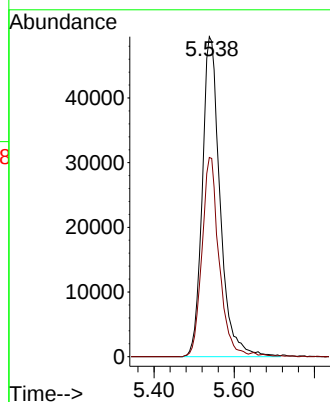
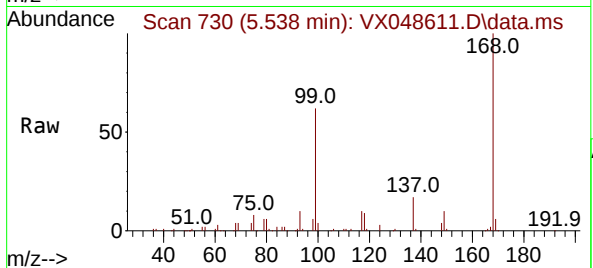




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048611.D
Acq: 14 Nov 2025 15:41

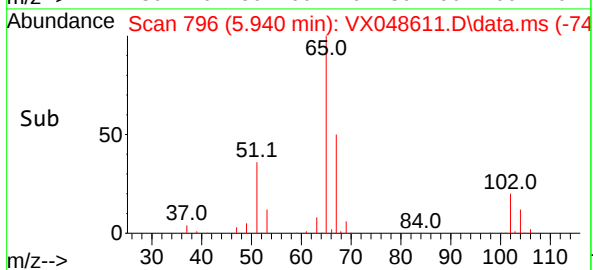
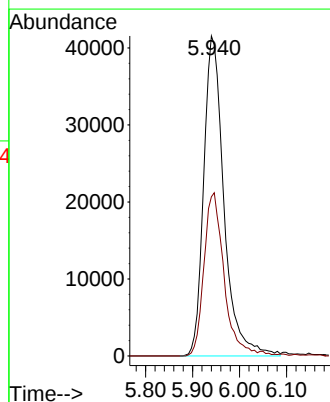
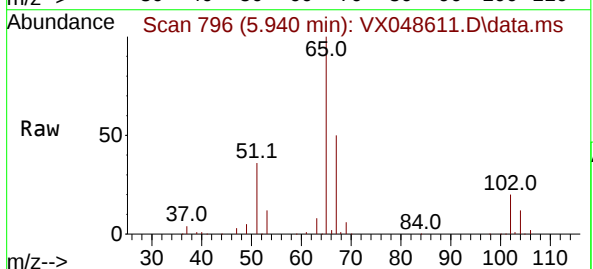
Instrument :
MSVOA_X
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STORAGE-BLANK-SAMPLE-MANAGEMENT

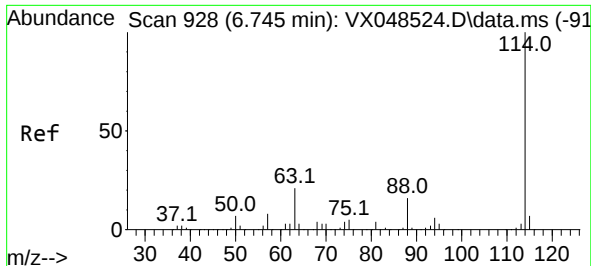
Tgt Ion:168 Resp: 152243
Ion Ratio Lower Upper
168 100
99 62.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 58.612 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048611.D
Acq: 14 Nov 2025 15:41

Tgt Ion: 65 Resp: 124339
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.2

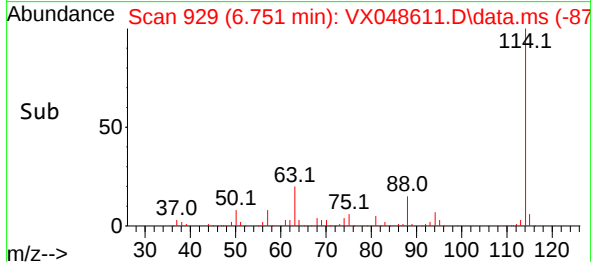
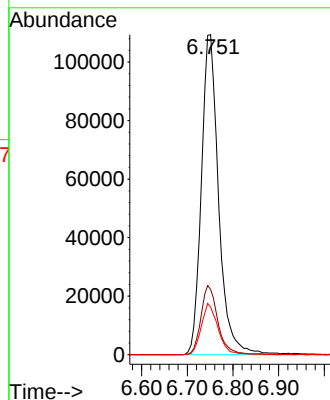
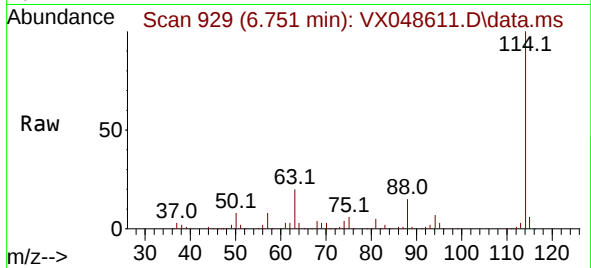




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048611.D
Acq: 14 Nov 2025 15:41

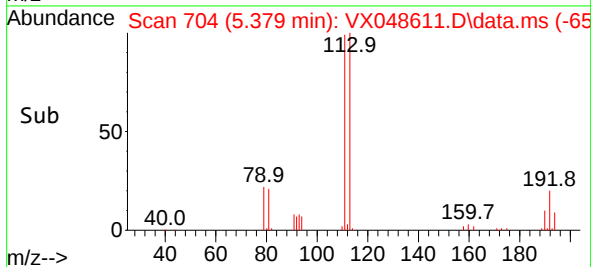
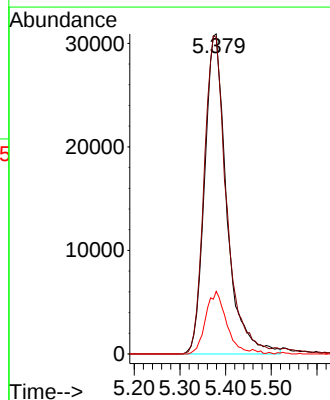
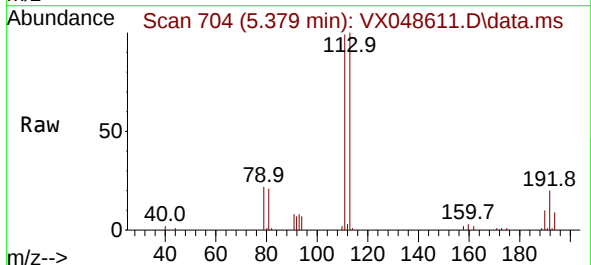
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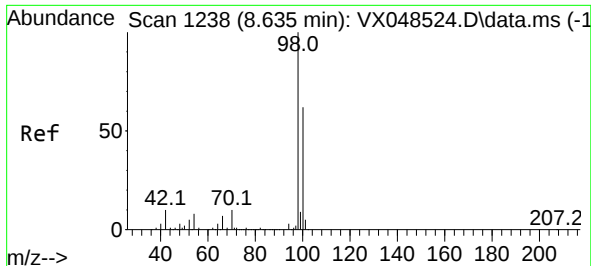
Tgt Ion:114 Resp: 286864
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.2
88 14.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.630 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048611.D
Acq: 14 Nov 2025 15:41

Tgt Ion:113 Resp: 103413
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 18.4 15.8 23.6

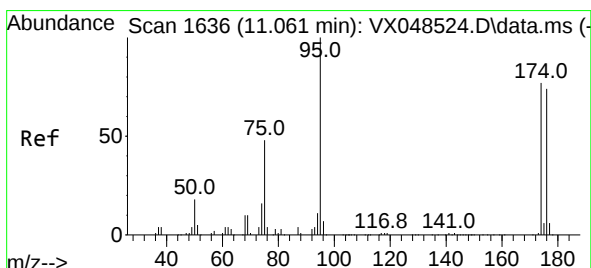
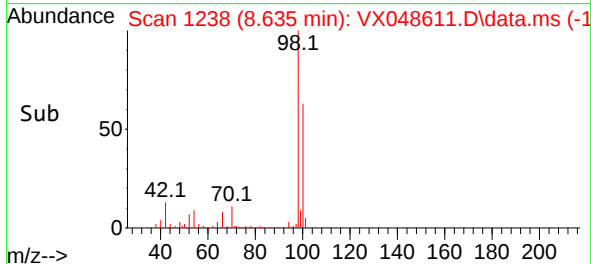
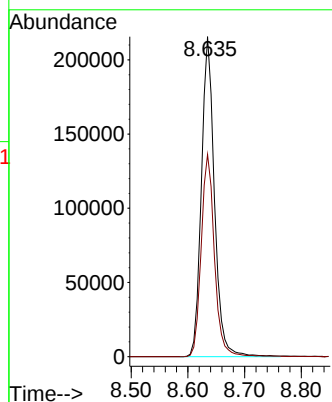
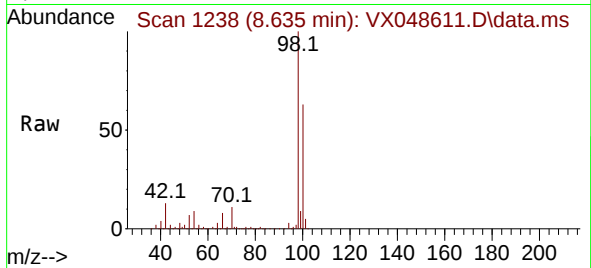




#50
Toluene-d8
Concen: 50.979 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048611.D
Acq: 14 Nov 2025 15:41

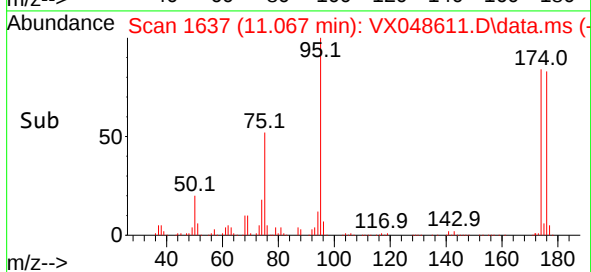
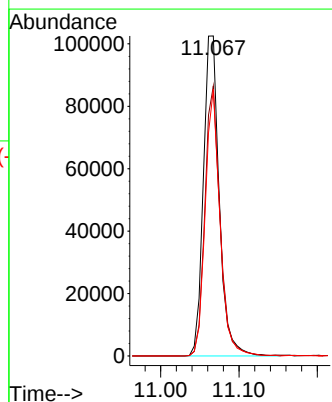
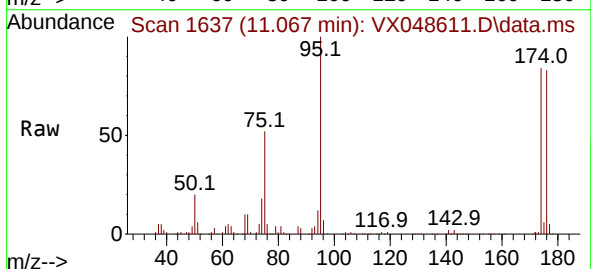
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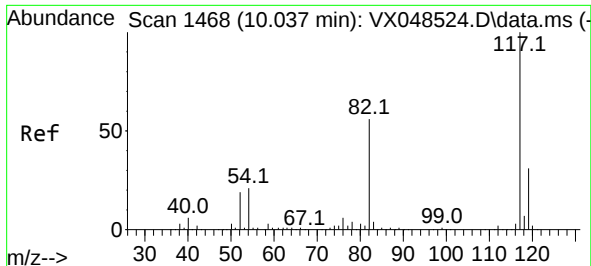
Tgt Ion: 98 Resp: 345208
Ion Ratio Lower Upper
98 100
100 64.2 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 57.157 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048611.D
Acq: 14 Nov 2025 15:41

Tgt Ion: 95 Resp: 144236
Ion Ratio Lower Upper
95 100
174 80.8 0.0 161.8
176 77.8 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: VX048611.D
Acq: 14 Nov 2025 15:41

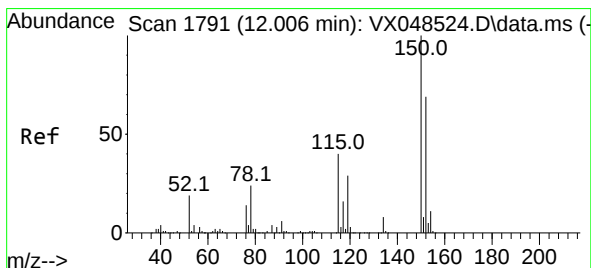
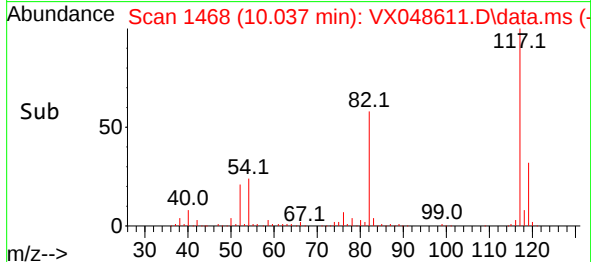
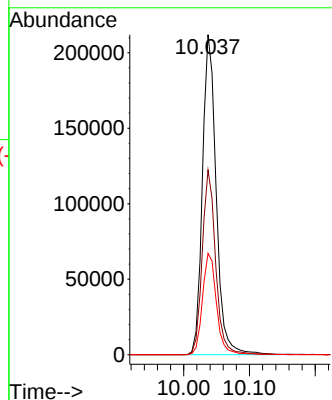
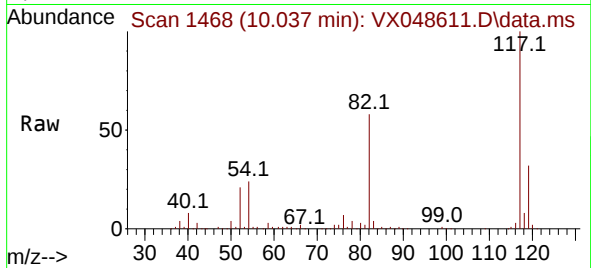
Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 308578
Ion Ratio Lower Upper
117 100
82 57.7 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: VX048611.D
Acq: 14 Nov 2025 15:41

Tgt Ion:152 Resp: 197471
Ion Ratio Lower Upper
152 100
115 59.2 39.2 117.6
150 159.0 0.0 347.0

