

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048575.D
 Acq On : 12 Nov 2025 13:41
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 14 00:28:00 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	179379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	380302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	391838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	202237	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129500	51.810	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.620%
35) Dibromofluoromethane	5.373	113	120154	41.744	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.480%
50) Toluene-d8	8.635	98	423635	47.190	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.380%
62) 4-Bromofluorobenzene	11.061	95	184404	55.120	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.240%

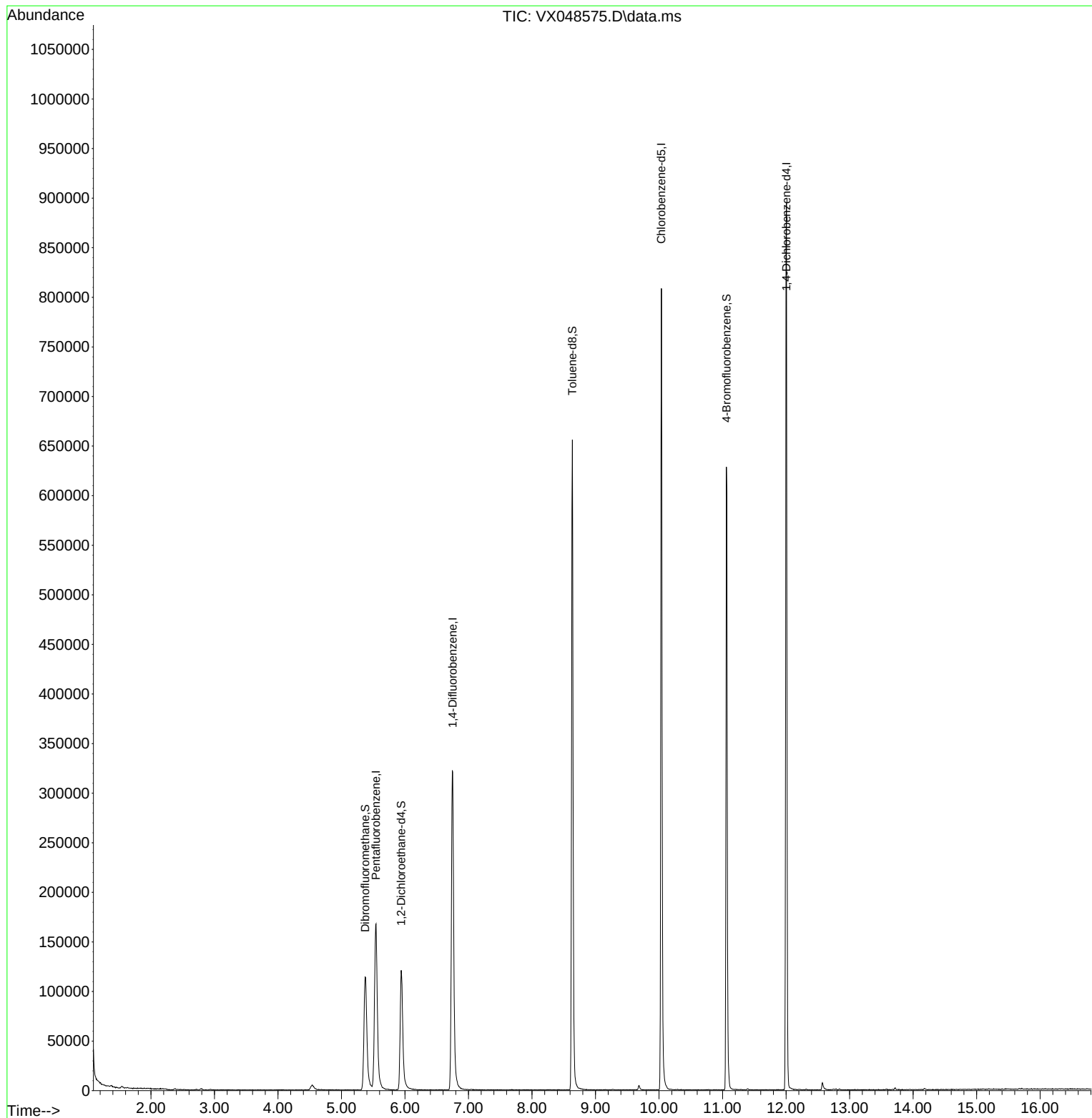
Target Compounds	Qvalue

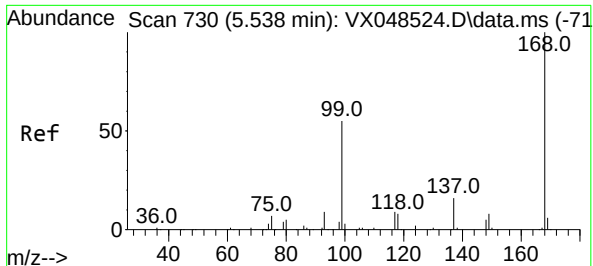
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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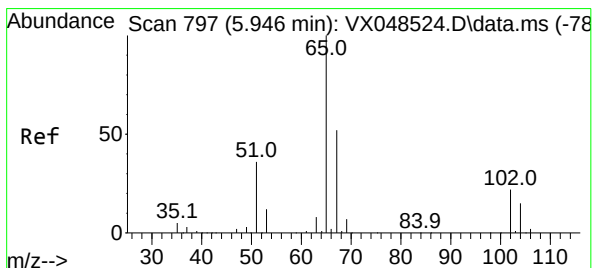
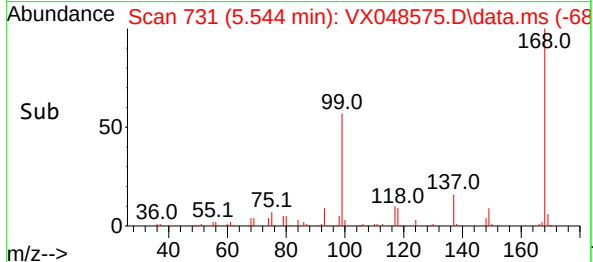
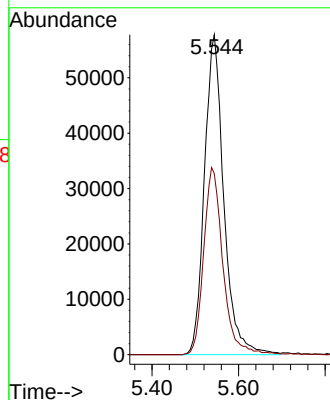
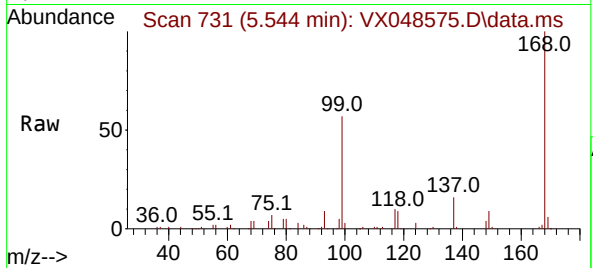




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

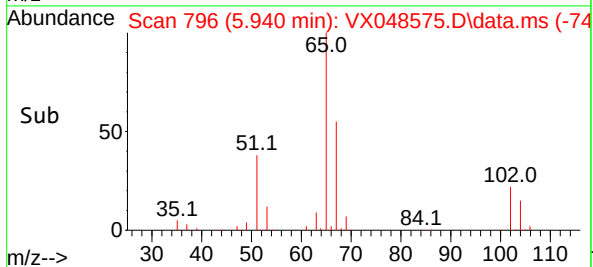
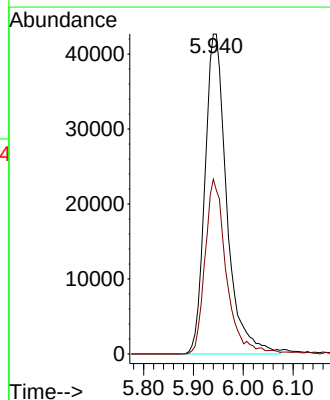
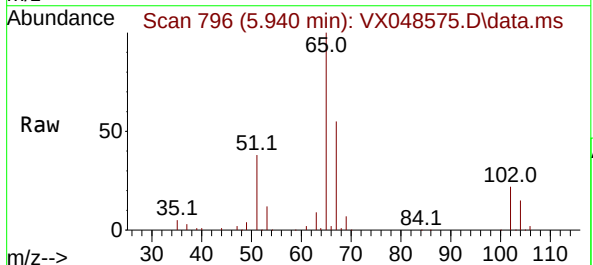
Instrument :
MSVOA_X
ClientSampleId :
IBLK

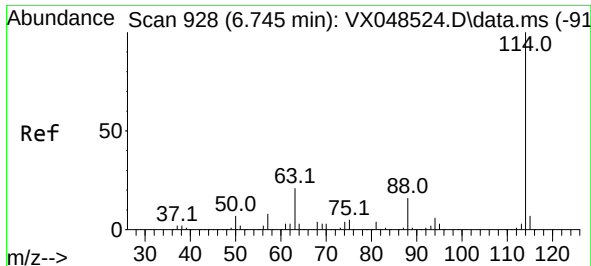
Tgt Ion:168 Resp: 179379
Ion Ratio Lower Upper
168 100
99 56.6 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 51.810 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 65 Resp: 129500
Ion Ratio Lower Upper
65 100
67 53.6 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: VX048575.D

Acq: 12 Nov 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

IBLK

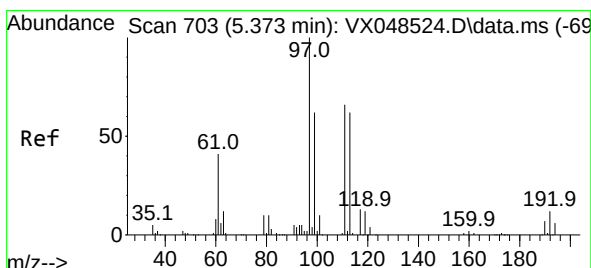
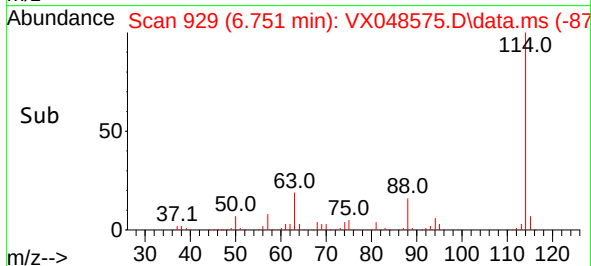
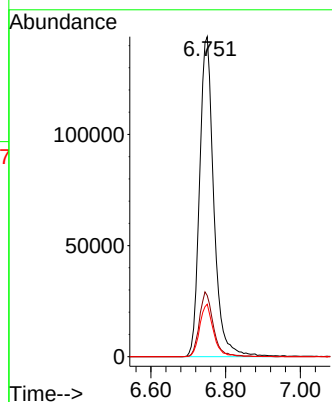
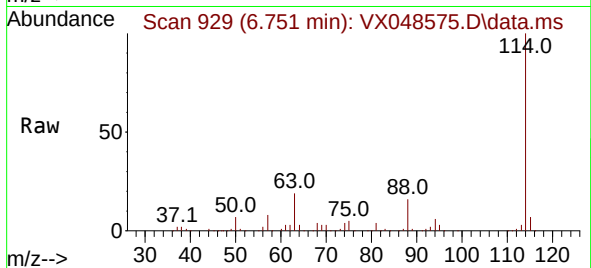
Tgt Ion:114 Resp: 380302

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.2

88 16.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 41.744 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048575.D

Acq: 12 Nov 2025 13:41

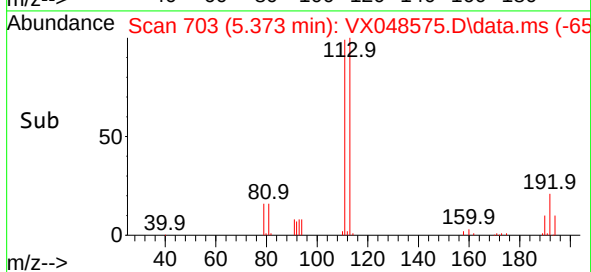
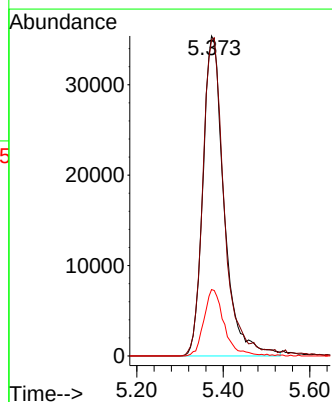
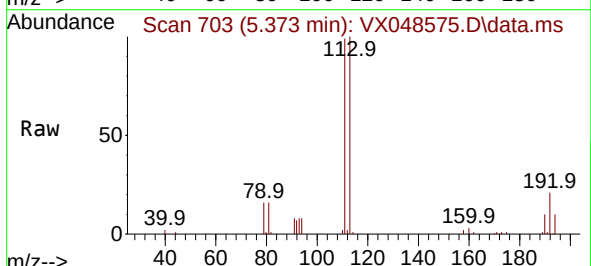
Tgt Ion:113 Resp: 120154

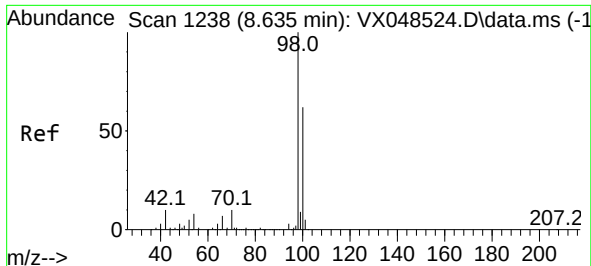
Ion Ratio Lower Upper

113 100

111 100.5 81.9 122.9

192 20.0 15.8 23.6

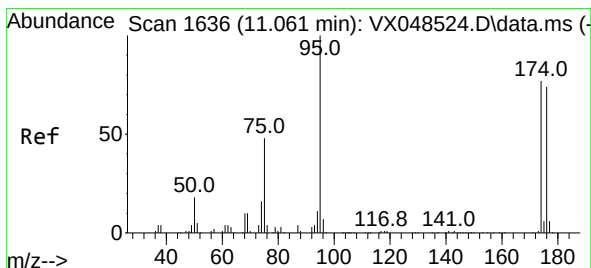
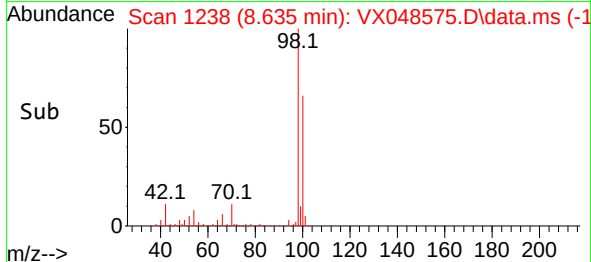
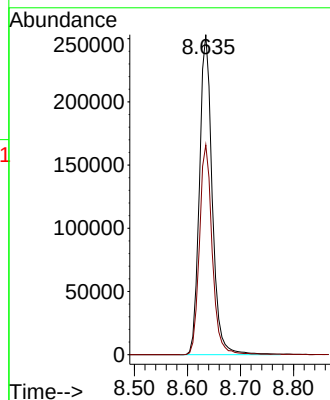
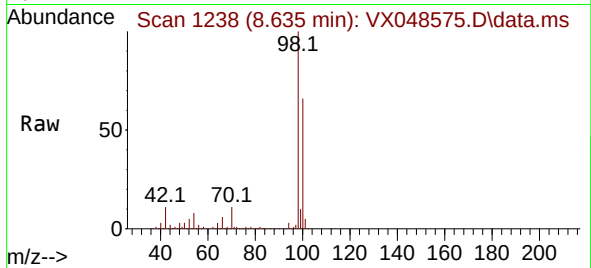




#50
Toluene-d8
Concen: 47.190 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

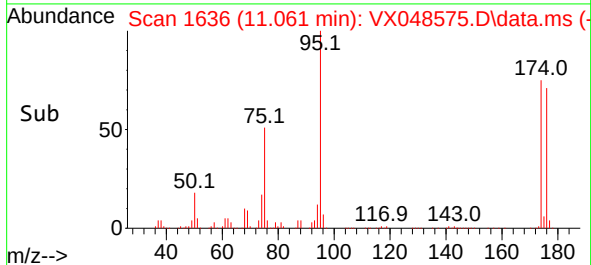
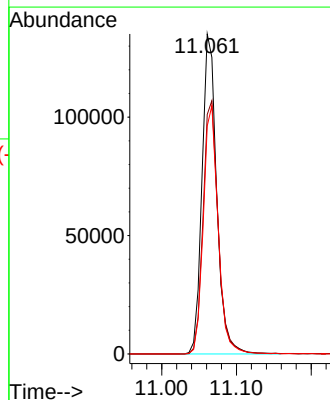
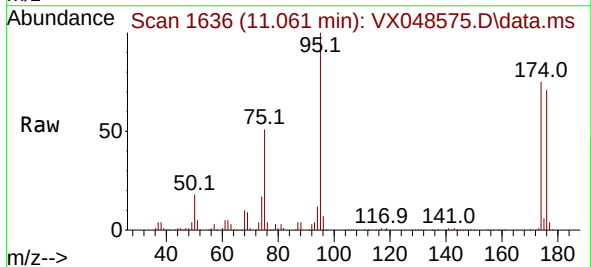
Instrument :
MSVOA_X
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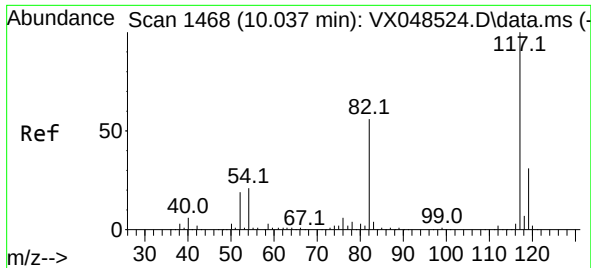
Tgt Ion: 98 Resp: 423635
Ion Ratio Lower Upper
98 100
100 65.5 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 55.120 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

Tgt Ion: 95 Resp: 184404
Ion Ratio Lower Upper
95 100
174 81.6 0.0 161.8
176 78.2 0.0 153.6

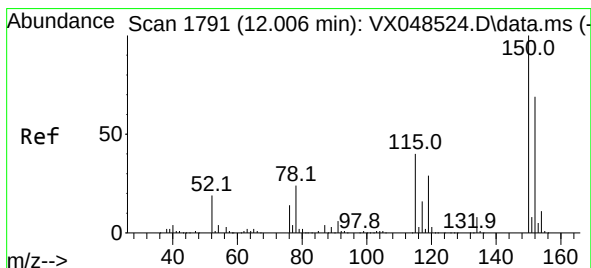
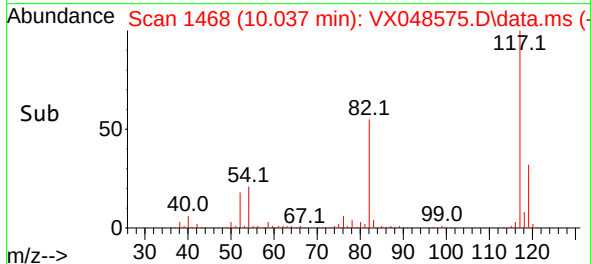
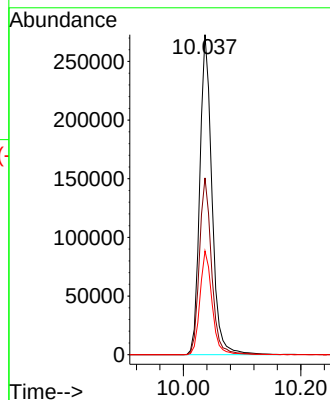
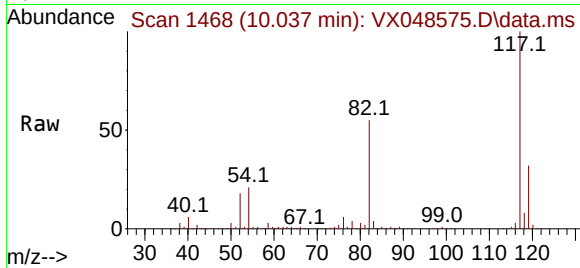




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048575.D
Acq: 12 Nov 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 391838
Ion Ratio Lower Upper
117 100
82 55.3 44.4 66.6
119 32.4 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: VX048575.D
Acq: 12 Nov 2025 13:41

Tgt Ion:152 Resp: 202237
Ion Ratio Lower Upper
152 100
115 58.0 39.2 117.6
150 157.2 0.0 347.0

