

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111725\
 Data File : VX048621.D
 Acq On : 17 Nov 2025 14:34
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 18 12:10:53 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	173827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	350671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	389017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	196270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	138117	57.023	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.040%
35) Dibromofluoromethane	5.373	113	123150	46.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	8.635	98	440069	53.163	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.320%
62) 4-Bromofluorobenzene	11.061	95	193958	62.875	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	125.740%#

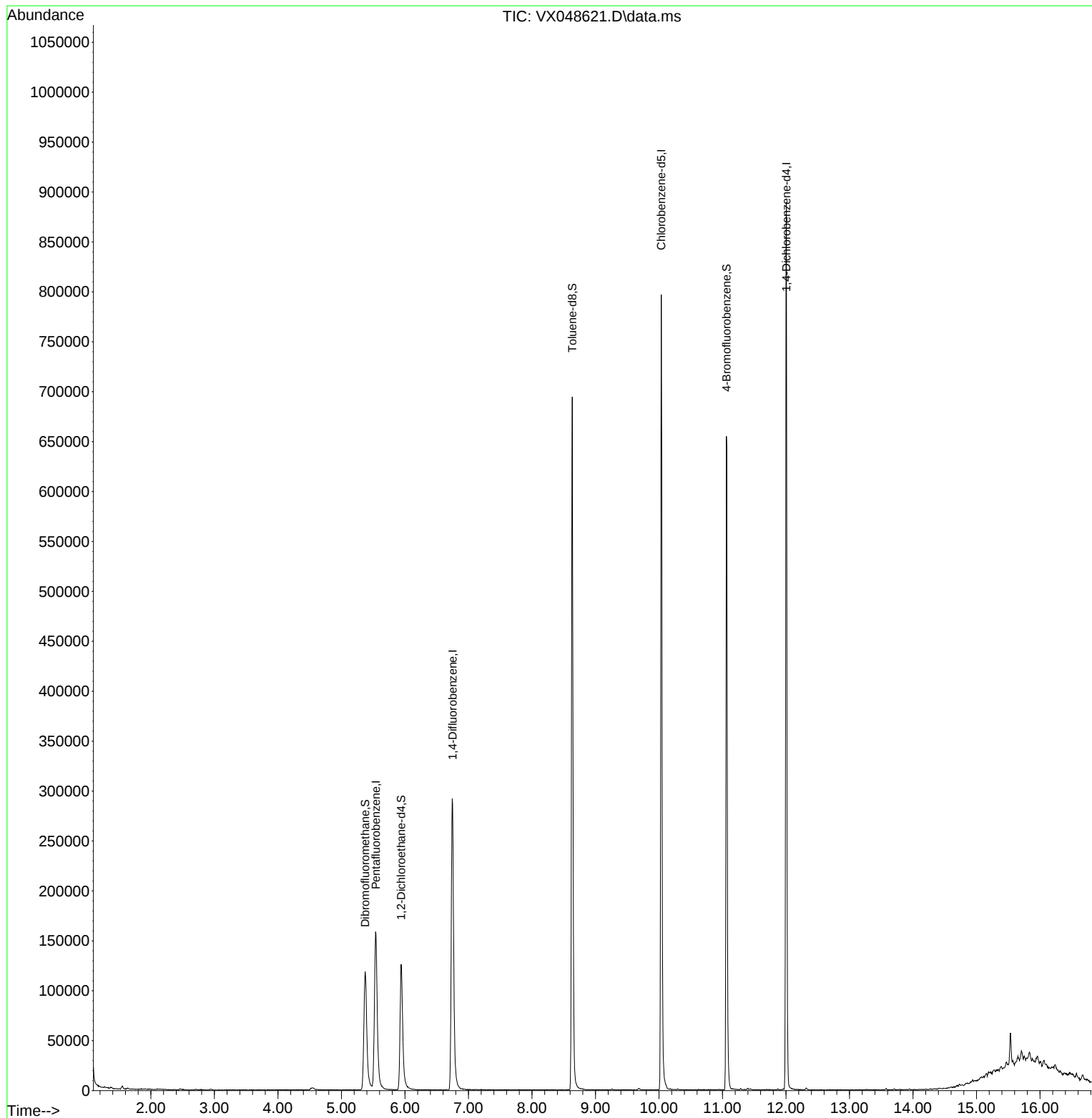
Target Compounds	Qvalue

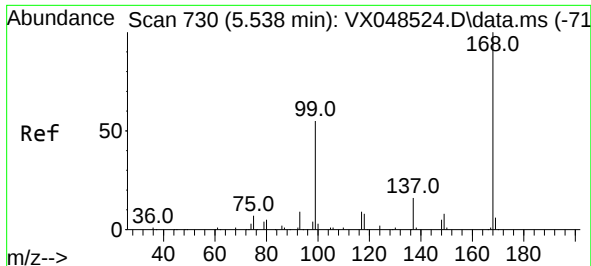
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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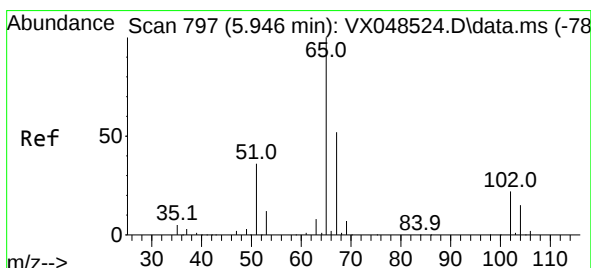
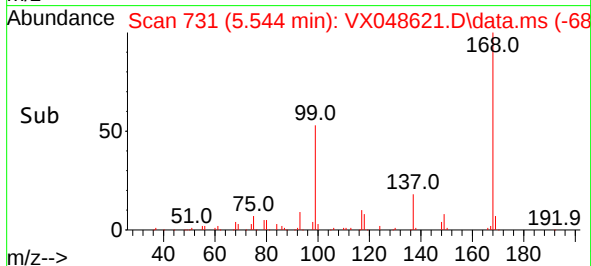
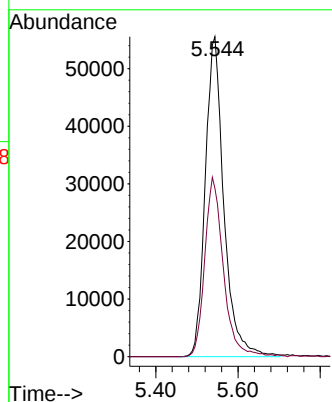
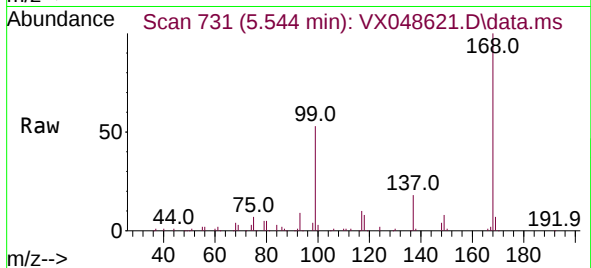




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048621.D
Acq: 17 Nov 2025 14:34

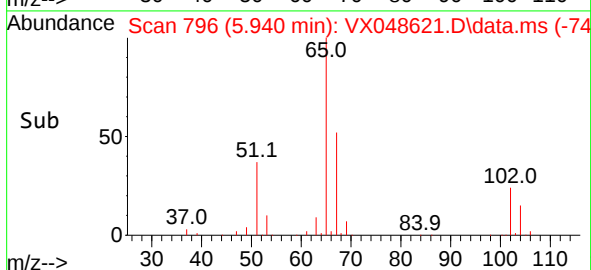
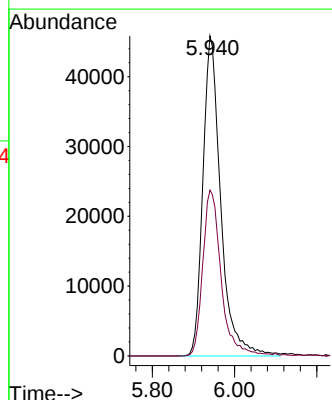
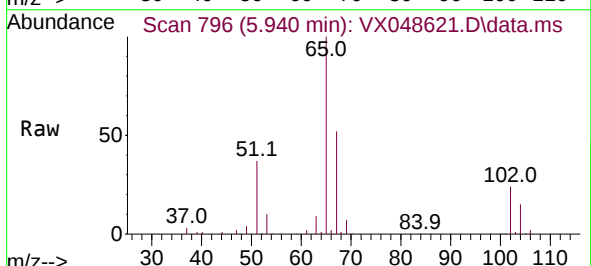
Instrument :
MSVOA_X
ClientSampleId :
IBLK

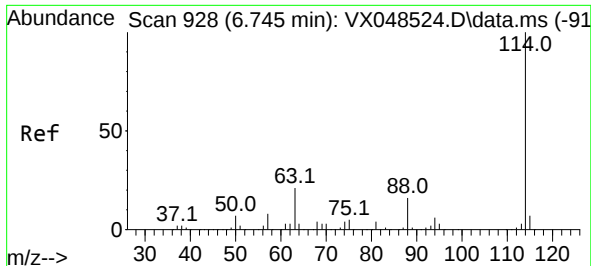
Tgt Ion:168 Resp: 173827
Ion Ratio Lower Upper
168 100
99 52.6 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 57.023 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048621.D
Acq: 17 Nov 2025 14:34

Tgt Ion: 65 Resp: 138117
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.2

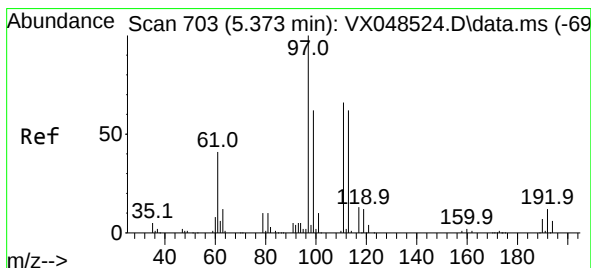
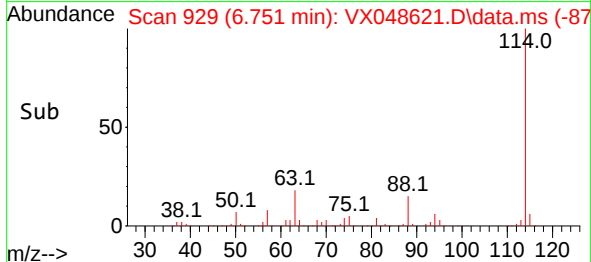
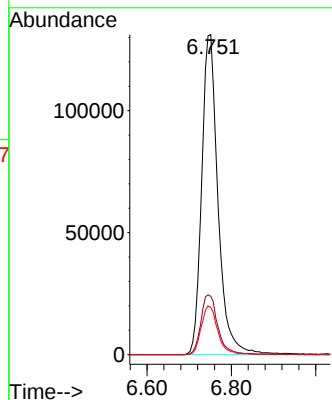
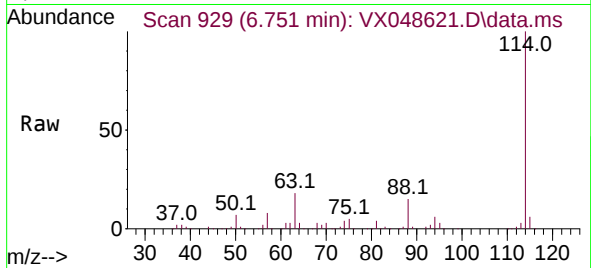




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048621.D
Acq: 17 Nov 2025 14:34

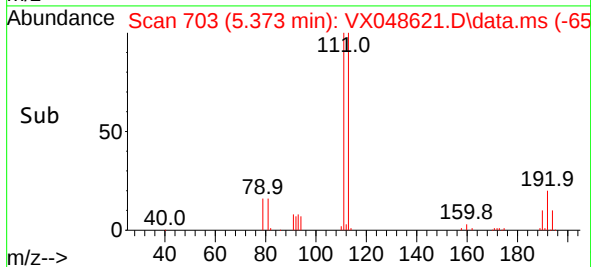
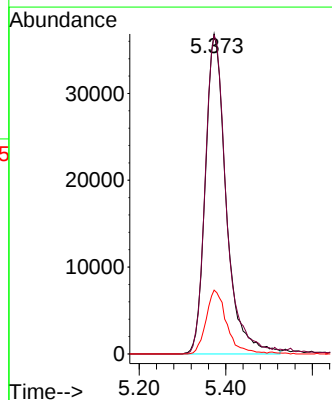
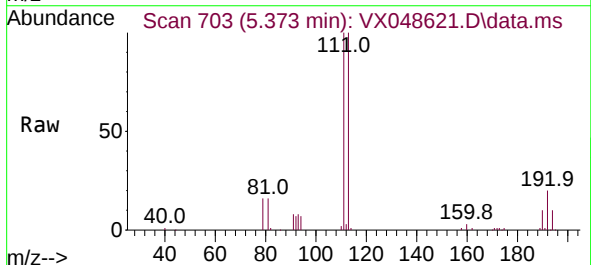
Instrument :
MSVOA_X
ClientSampleId :
IBLK

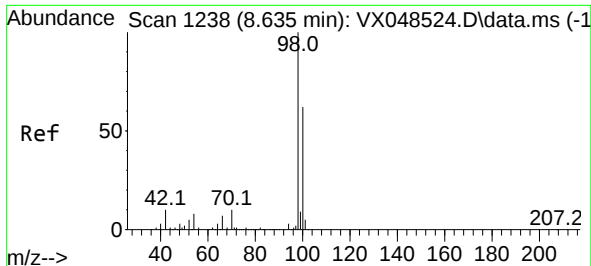
Tgt Ion:114 Resp: 350671
Ion Ratio Lower Upper
114 100
63 18.2 0.0 41.2
88 14.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.400 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048621.D
Acq: 17 Nov 2025 14:34

Tgt Ion:113 Resp: 123150
Ion Ratio Lower Upper
113 100
111 100.5 81.9 122.9
192 19.7 15.8 23.6

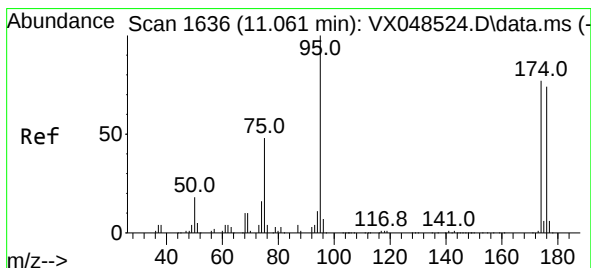
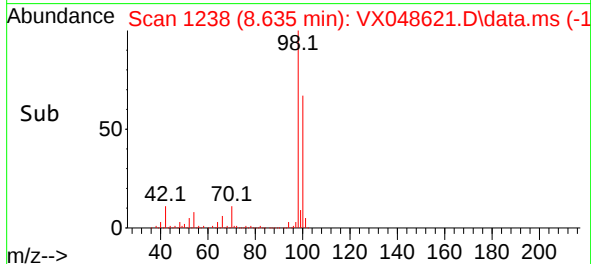
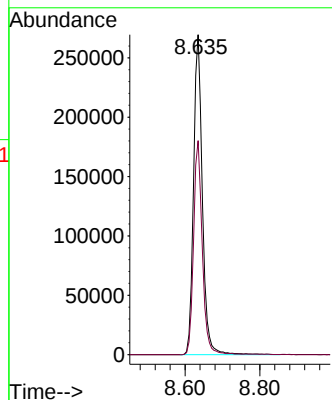
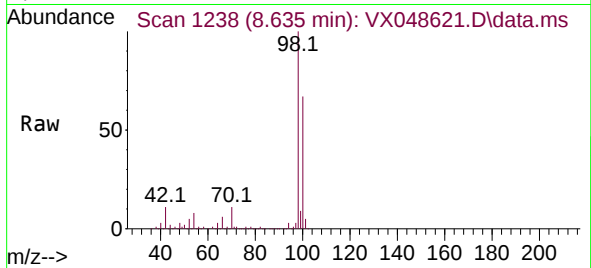




#50
Toluene-d8
Concen: 53.163 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048621.D
Acq: 17 Nov 2025 14:34

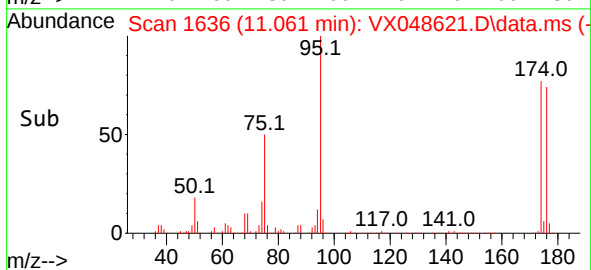
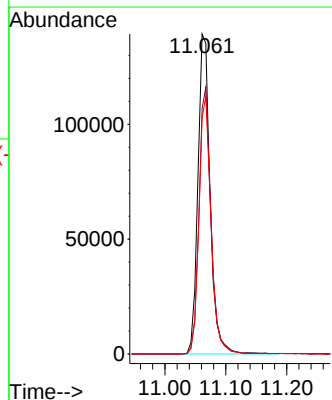
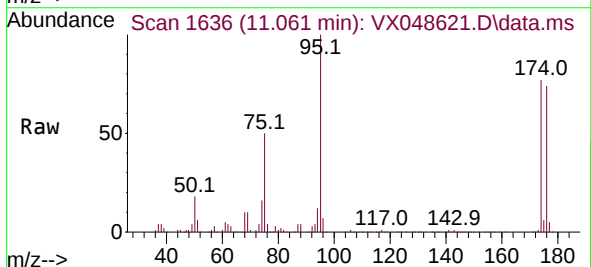
Instrument :
MSVOA_X
ClientSampleId :
IBLK

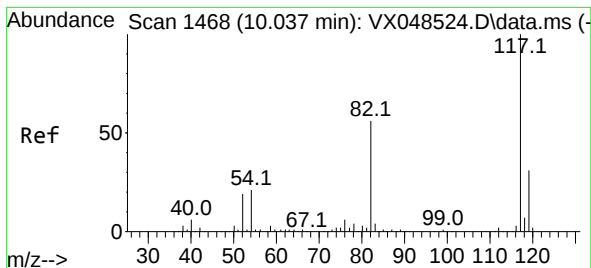
Tgt Ion: 98 Resp: 440069
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 62.875 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048621.D
Acq: 17 Nov 2025 14:34

Tgt Ion: 95 Resp: 193958
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.8
176 79.6 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: VX048621.D

Acq: 17 Nov 2025 14:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

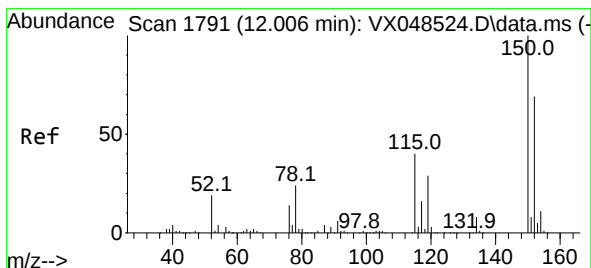
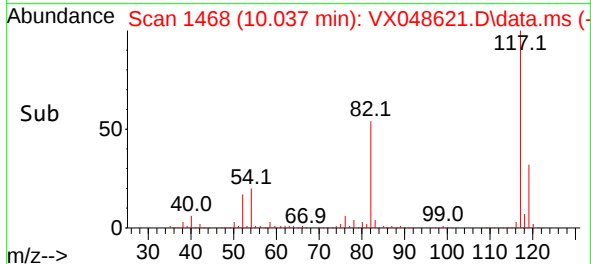
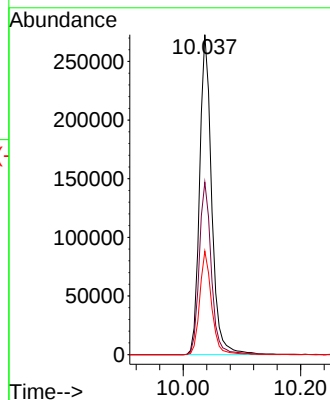
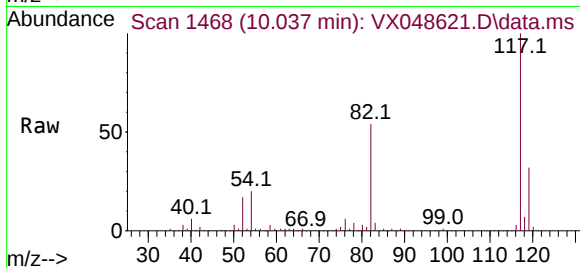
Tgt Ion:117 Resp: 389017

Ion Ratio Lower Upper

117 100

82 53.9 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: VX048621.D

Acq: 17 Nov 2025 14:34

Tgt Ion:152 Resp: 196270

Ion Ratio Lower Upper

152 100

115 60.0 39.2 117.6

150 159.6 0.0 347.0

