

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047061.D
 Acq On : 21 Jul 2025 11:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 22 04:00:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.568	168	255907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	453508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	214588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	180148	56.512	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.020%
35) Dibromofluoromethane	5.397	113	149194	53.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.560%
50) Toluene-d8	8.653	98	552275	60.903	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	121.800%#
62) 4-Bromofluorobenzene	11.079	95	223416	57.171	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.340%

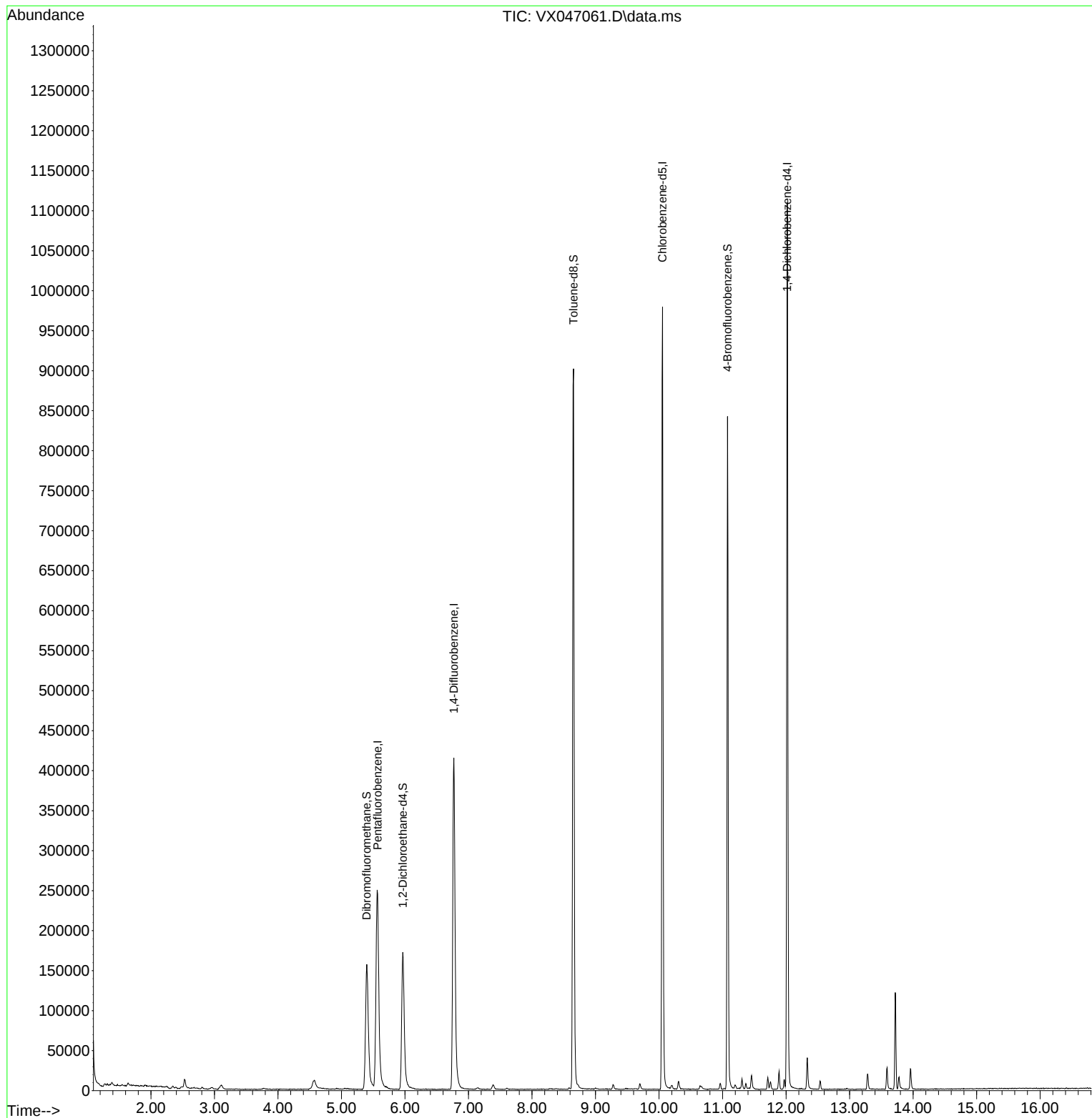
Target Compounds	Qvalue

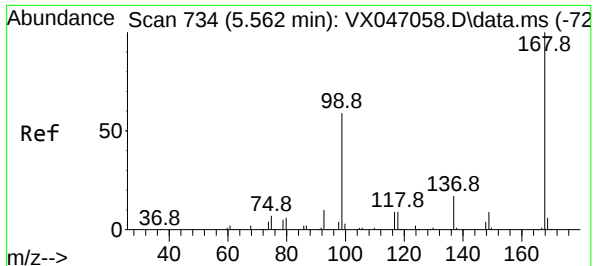
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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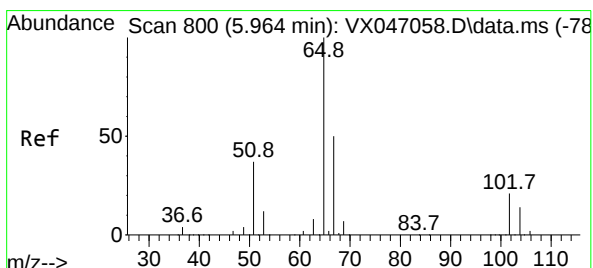
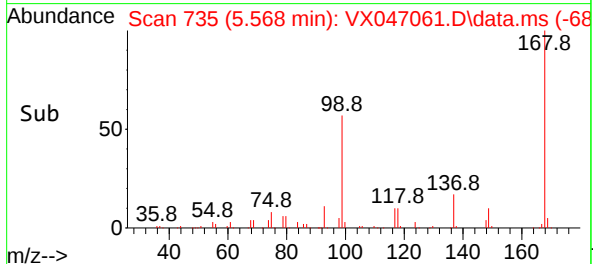
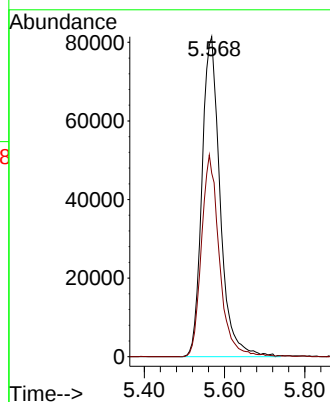
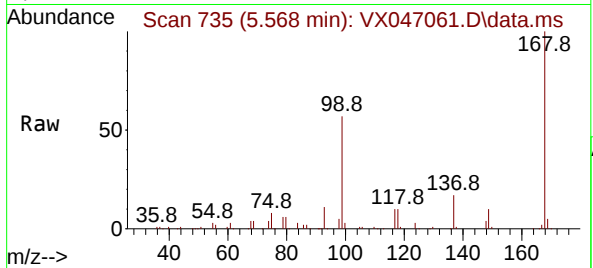




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047061.D
Acq: 21 Jul 2025 11:52

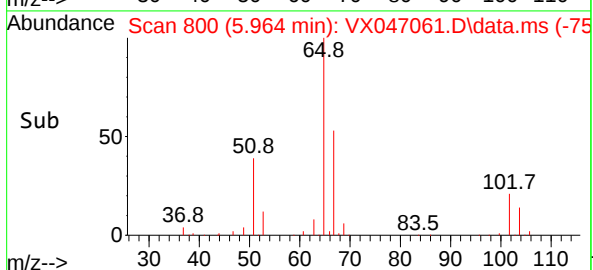
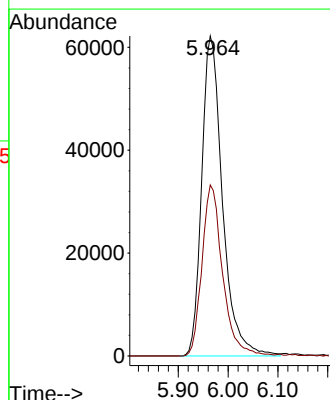
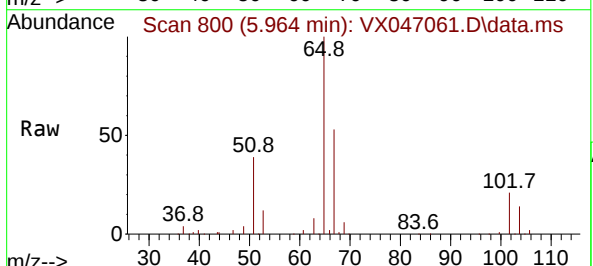
Instrument :
MSVOA_X
ClientSampleId :
IBLK

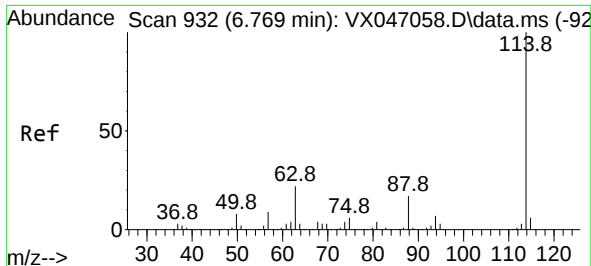
Tgt Ion:168 Resp: 255907
Ion Ratio Lower Upper
168 100
99 57.4 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 56.512 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047061.D
Acq: 21 Jul 2025 11:52

Tgt Ion: 65 Resp: 180148
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8

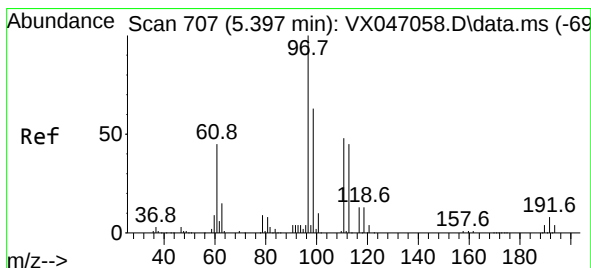
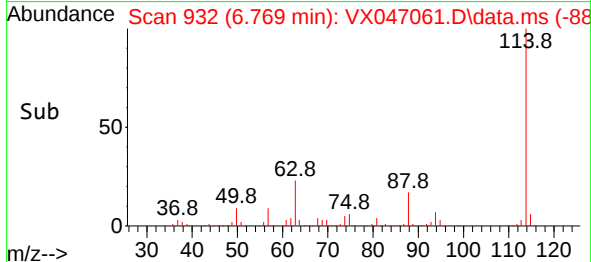
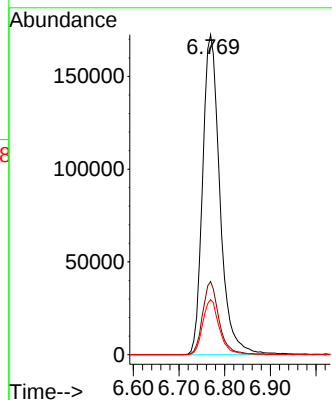
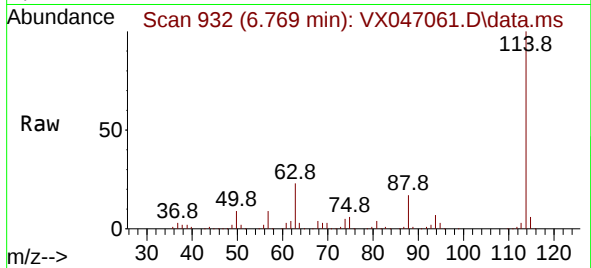




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047061.D
Acq: 21 Jul 2025 11:52

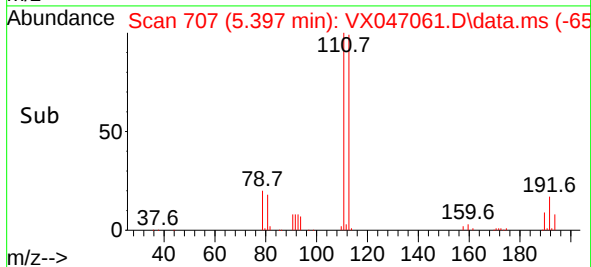
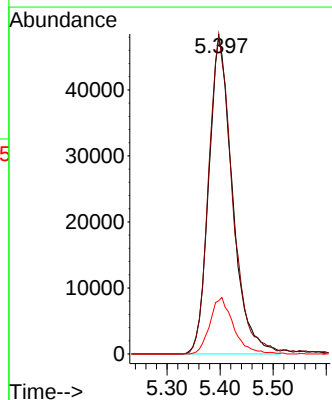
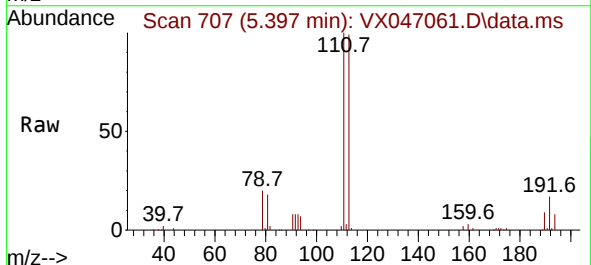
Instrument :
MSVOA_X
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IBLK

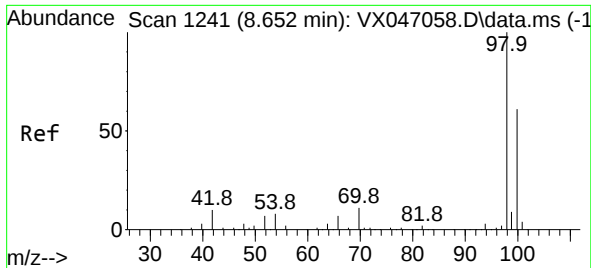
Tgt Ion:114 Resp: 453508
Ion Ratio Lower Upper
114 100
63 25.7 0.0 43.2
88 17.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 53.282 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047061.D
Acq: 21 Jul 2025 11:52

Tgt Ion:113 Resp: 149194
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 17.8 14.9 22.3

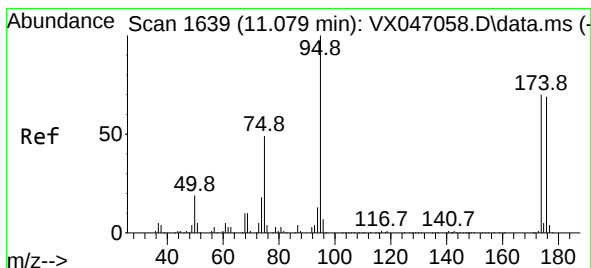
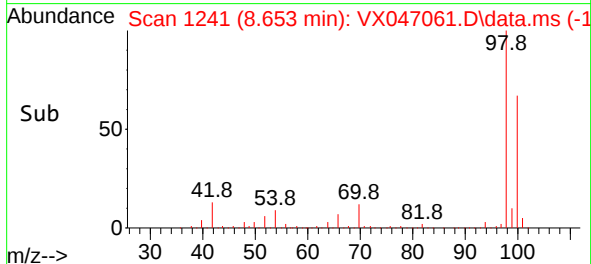
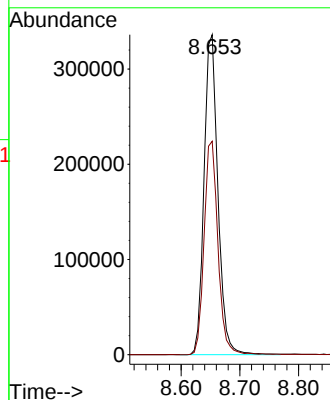
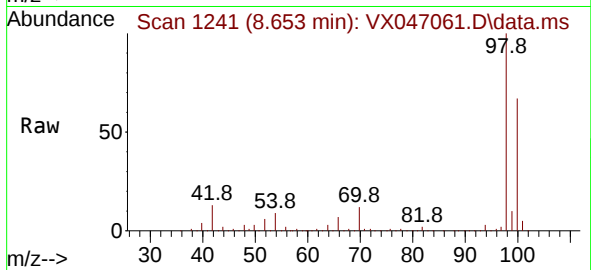




#50
Toluene-d8
Concen: 60.903 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047061.D
Acq: 21 Jul 2025 11:52

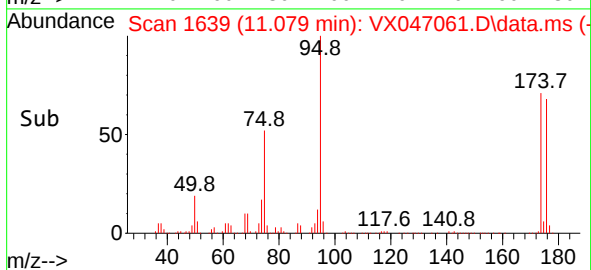
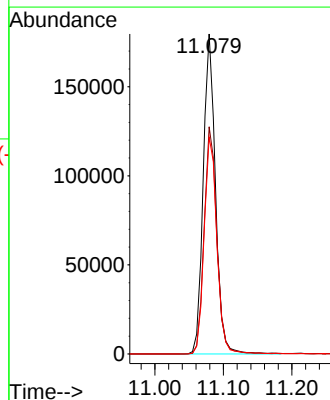
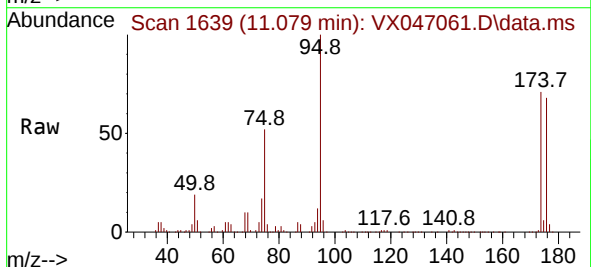
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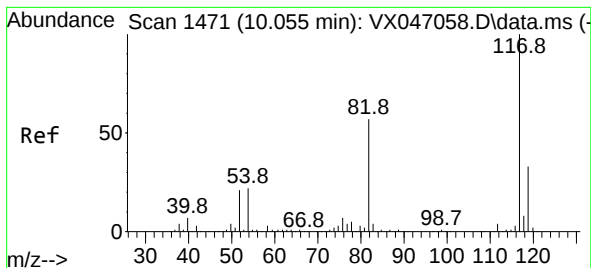
Tgt Ion: 98 Resp: 552275
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 57.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047061.D
Acq: 21 Jul 2025 11:52

Tgt Ion: 95 Resp: 223416
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.6
176 70.7 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047061.D

Acq: 21 Jul 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

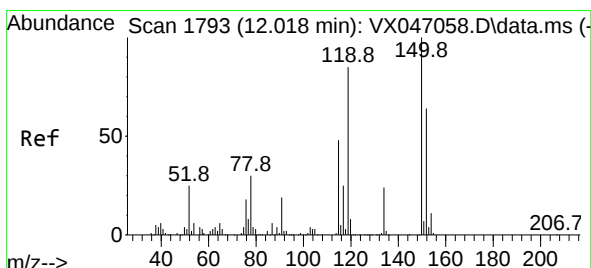
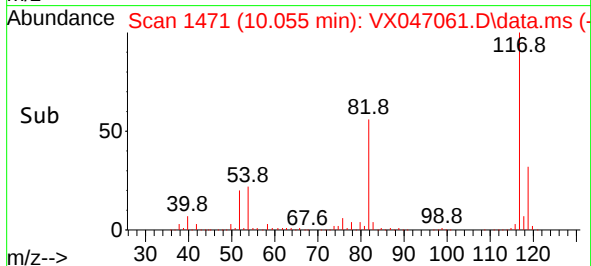
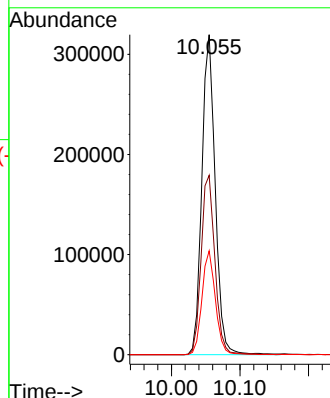
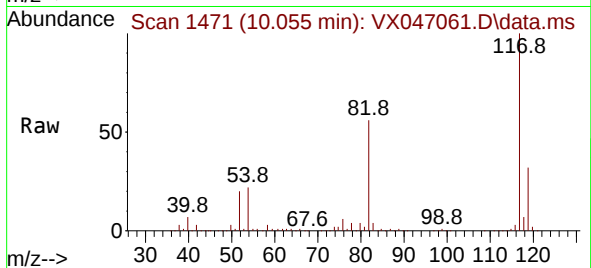
Tgt Ion:117 Resp: 434520

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.2

119 32.5 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047061.D

Acq: 21 Jul 2025 11:52

Tgt Ion:152 Resp: 214588

Ion Ratio Lower Upper

152 100

115 63.3 45.6 136.7

150 156.9 0.0 354.6

