

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100825\
 Data File : VX048065.D
 Acq On : 08 Oct 2025 11:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 09 04:52:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	113373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	231786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	235667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	91668	50.797	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.600%	
35) Dibromofluoromethane	5.373	113	75744	48.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.460%	
50) Toluene-d8	8.634	98	264321	49.141	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.280%	
62) 4-Bromofluorobenzene	11.067	95	108295	53.050	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.100%	

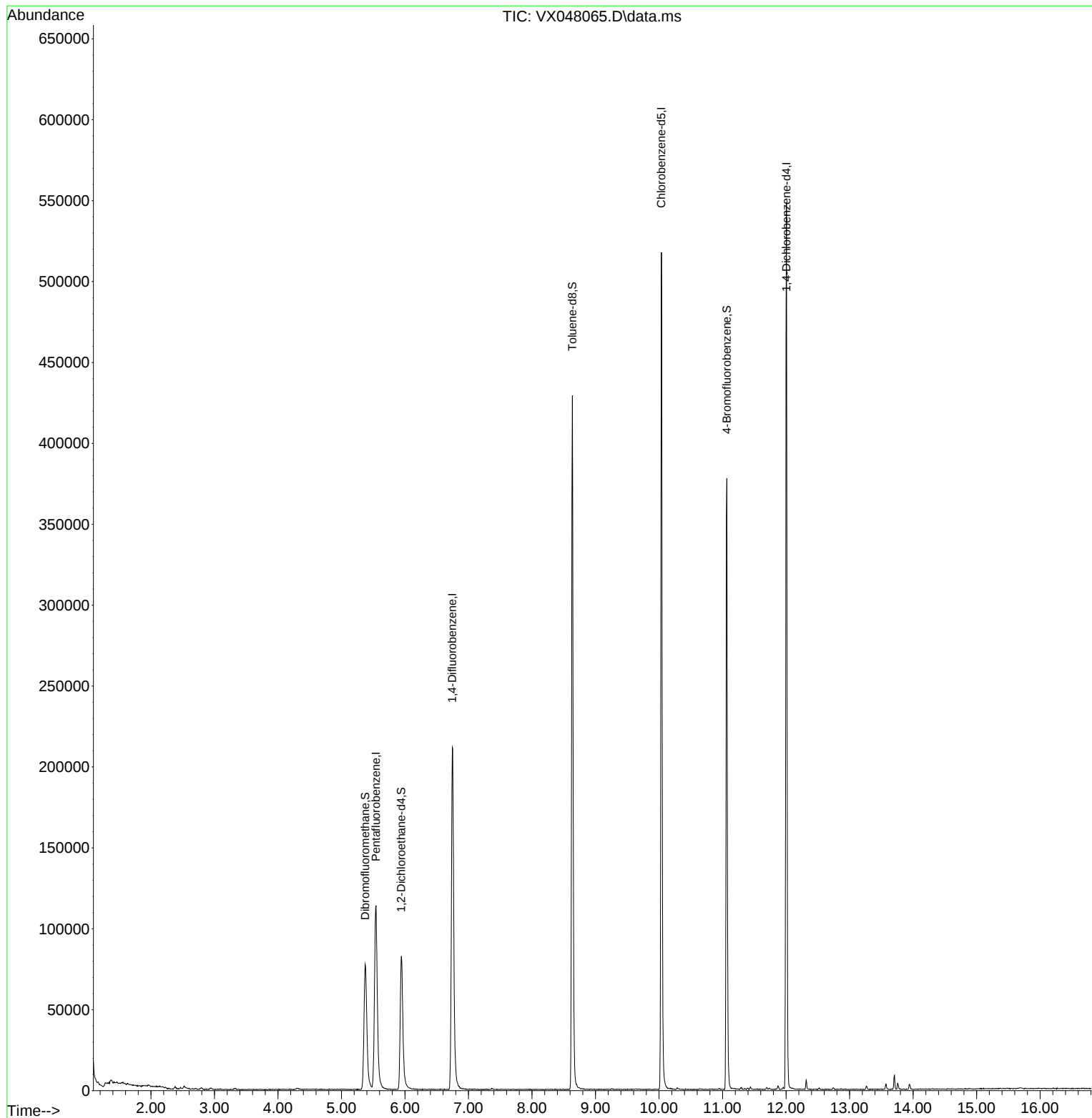
Target Compounds	Qvalue

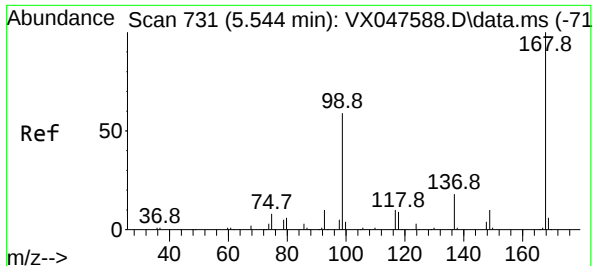
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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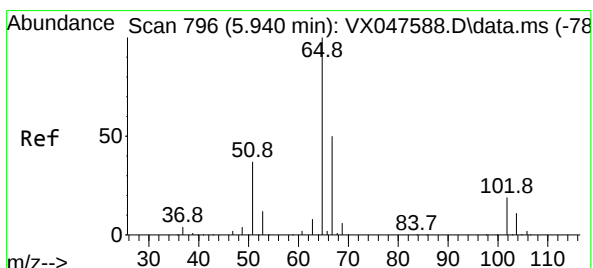
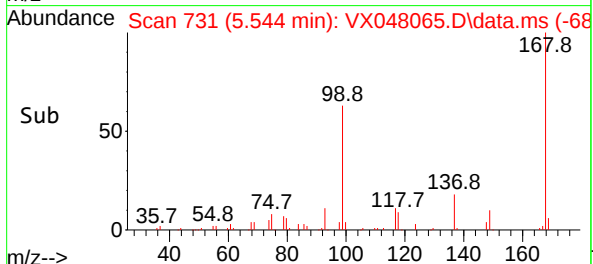
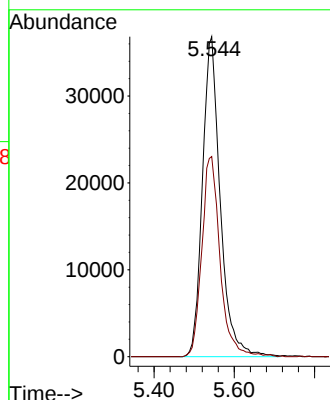
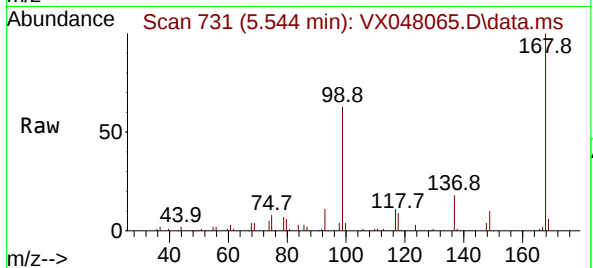




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048065.D
Acq: 08 Oct 2025 11:19

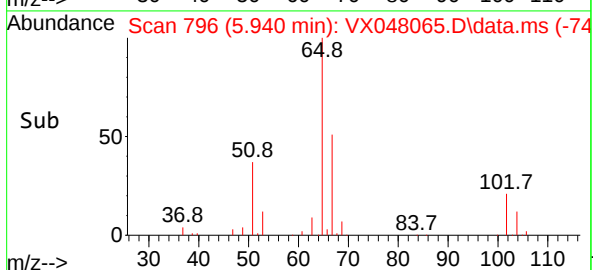
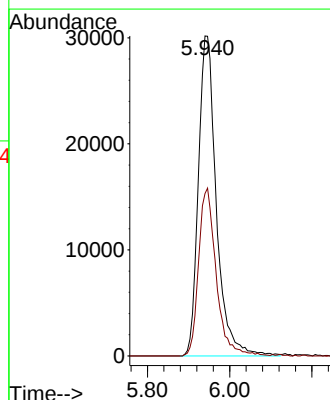
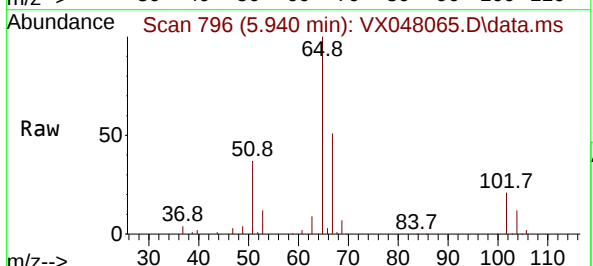
Instrument :
MSVOA_X
ClientSampleId :
IBLK

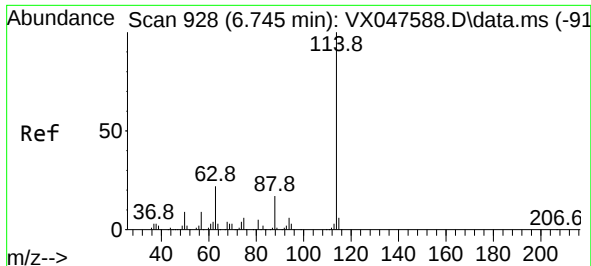
Tgt Ion:168 Resp: 113373
Ion Ratio Lower Upper
168 100
99 62.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.797 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048065.D
Acq: 08 Oct 2025 11:19

Tgt Ion: 65 Resp: 91668
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

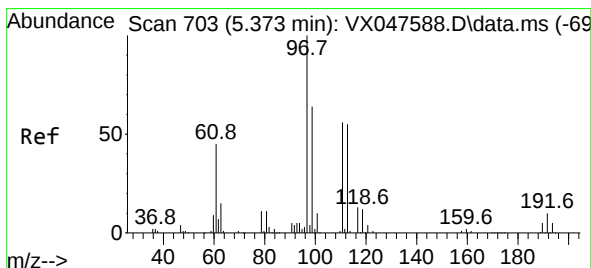
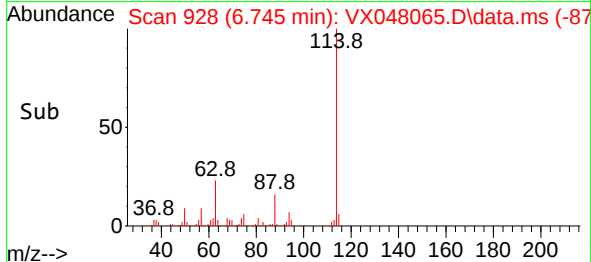
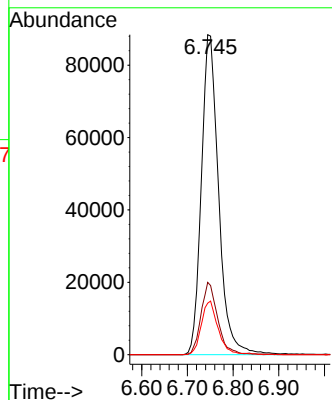
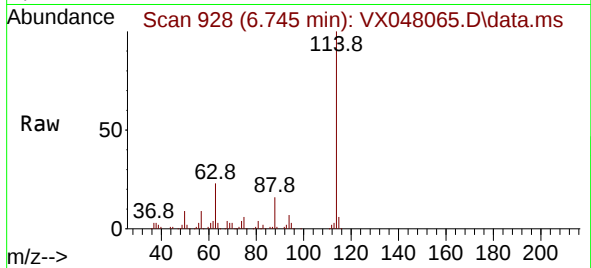




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048065.D
Acq: 08 Oct 2025 11:19

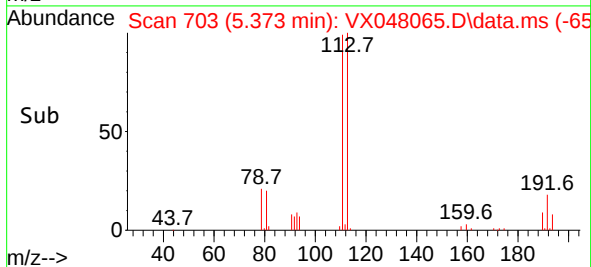
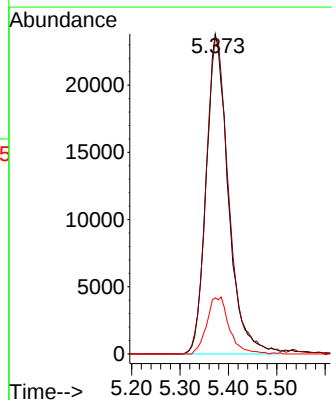
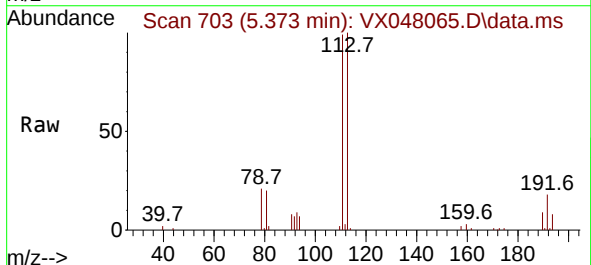
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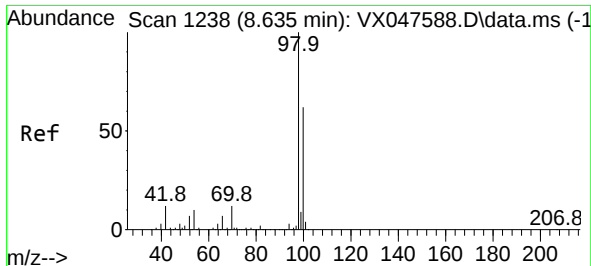
Tgt Ion:114 Resp: 231786
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.726 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048065.D
Acq: 08 Oct 2025 11:19

Tgt Ion:113 Resp: 75744
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.9 14.2 21.4

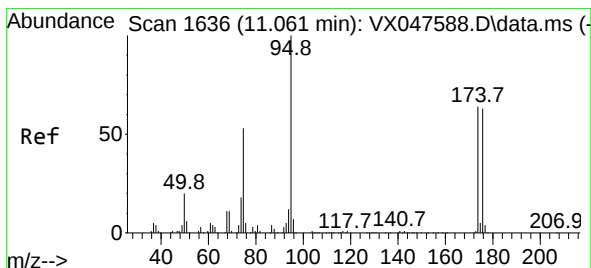
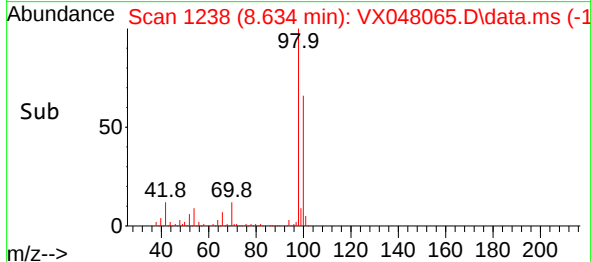
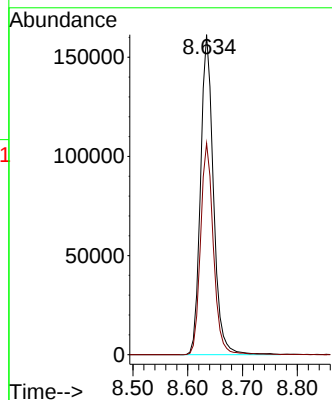
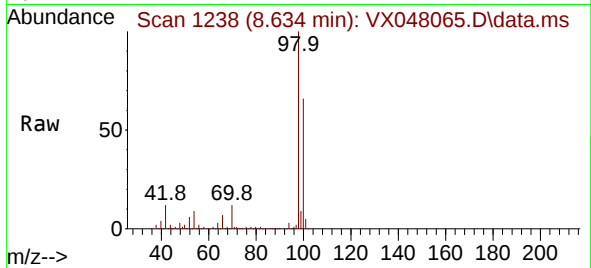




#50
Toluene-d8
Concen: 49.141 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048065.D
Acq: 08 Oct 2025 11:19

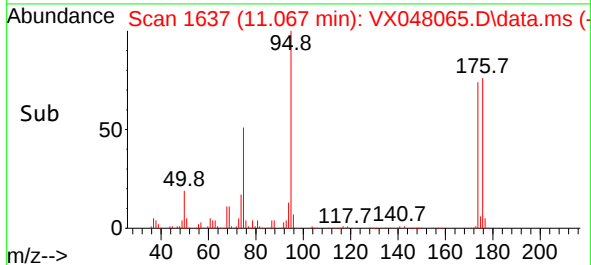
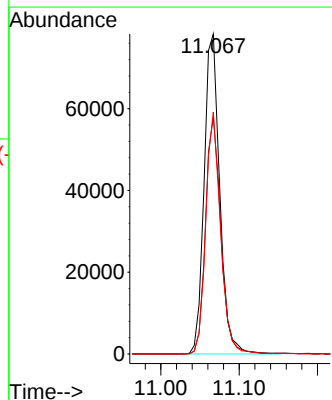
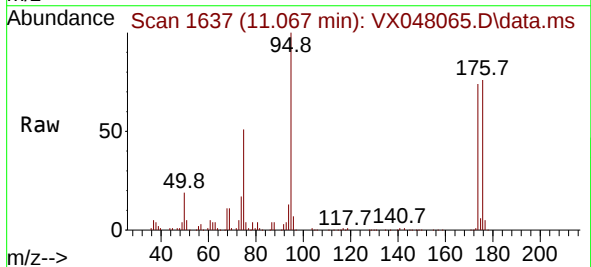
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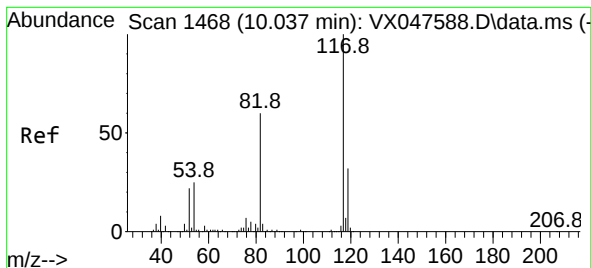
Tgt Ion: 98 Resp: 264321
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.050 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048065.D
Acq: 08 Oct 2025 11:19

Tgt Ion: 95 Resp: 108295
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 71.2 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048065.D

Acq: 08 Oct 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

IBLK

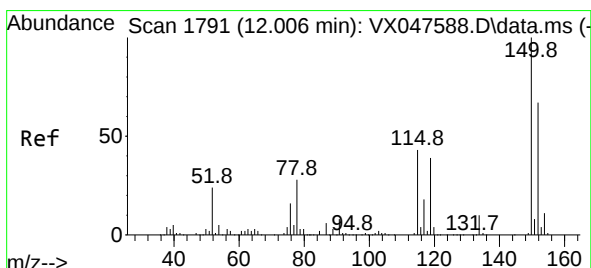
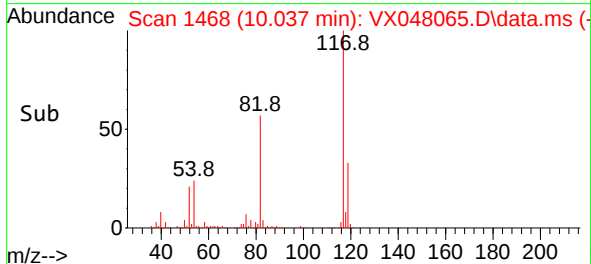
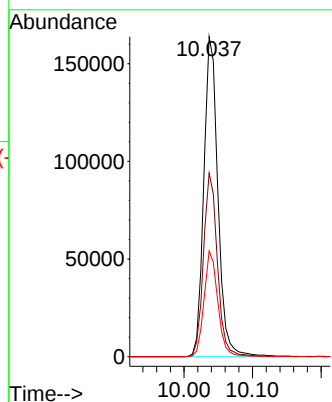
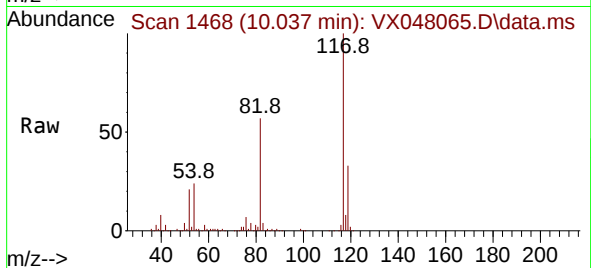
Tgt Ion:117 Resp: 235667

Ion Ratio Lower Upper

117 100

82 57.4 47.8 71.6

119 33.0 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048065.D

Acq: 08 Oct 2025 11:19

Tgt Ion:152 Resp: 112120

Ion Ratio Lower Upper

152 100

115 62.6 44.9 134.5

150 157.4 0.0 352.0

