

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048093.D
 Acq On : 09 Oct 2025 17:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:28:35 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)

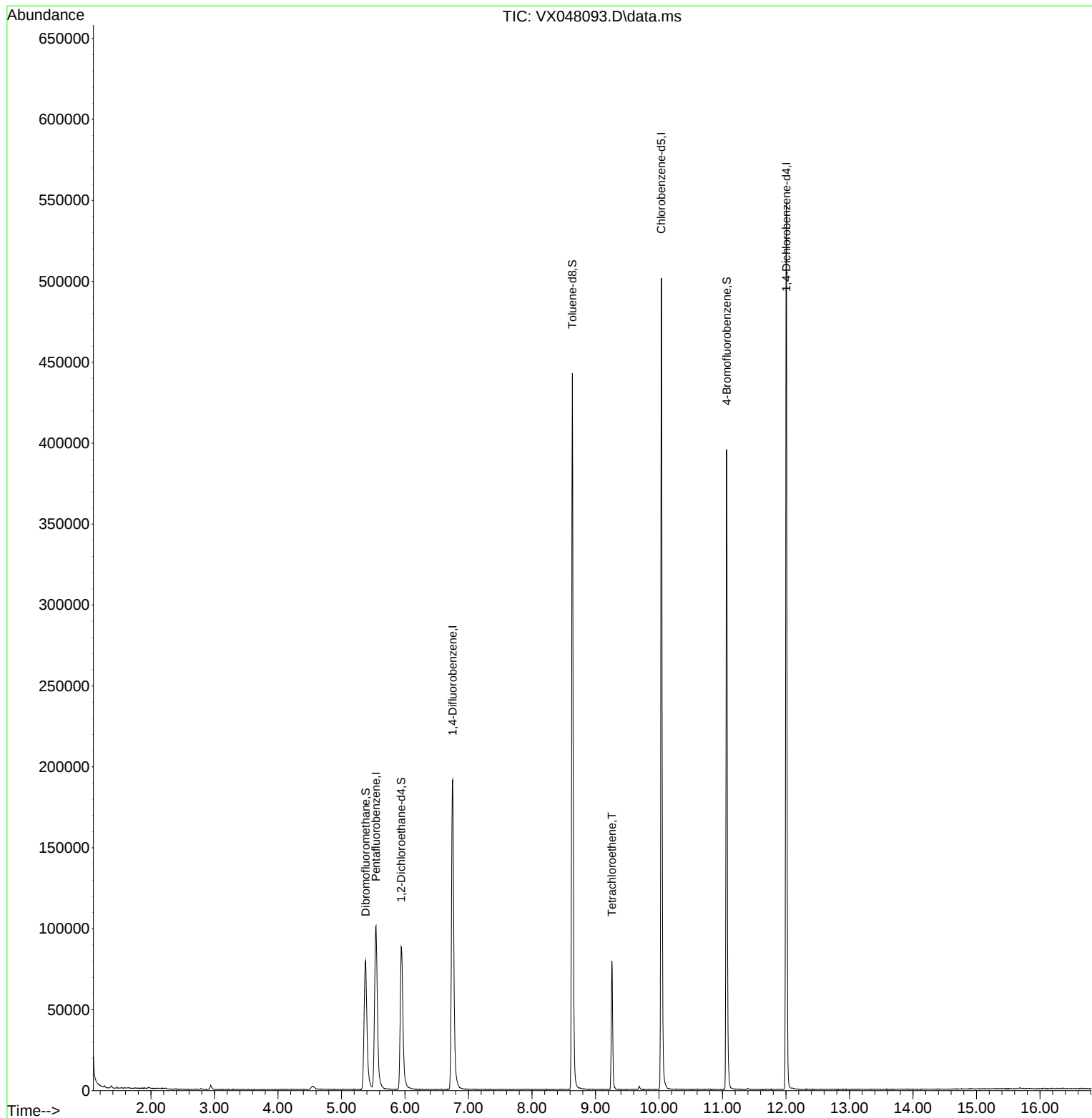
Internal Standards						
1) Pentafluorobenzene	5.544	168	100134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	208450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	226846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99526	62.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 124.880%#	
35) Dibromofluoromethane	5.379	113	77151	55.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.380%	
50) Toluene-d8	8.635	98	264132	54.603	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.200%	
62) 4-Bromofluorobenzene	11.067	95	116417	63.414	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 126.820%#	
Target Compounds						
64) Tetrachloroethene	9.257	164	15591	10.543	ug/l	Qvalue 95

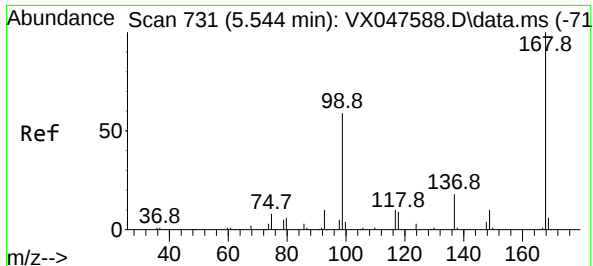
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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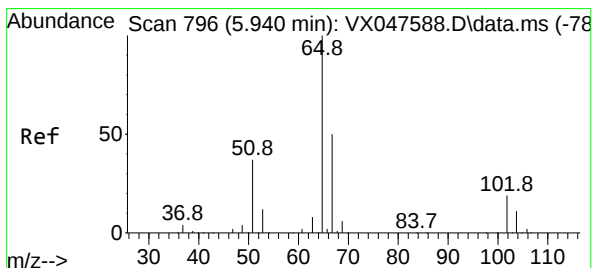
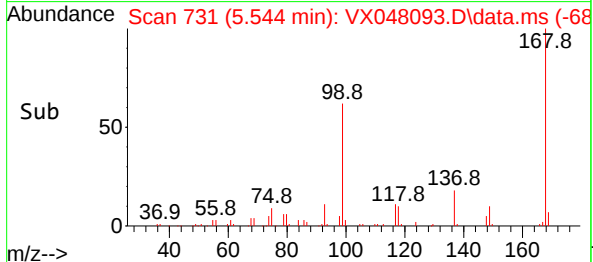
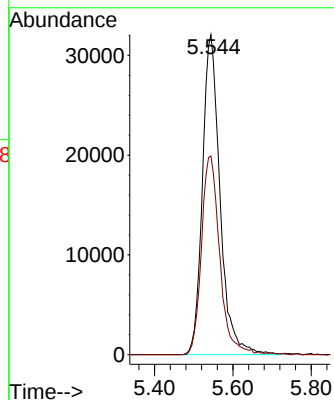
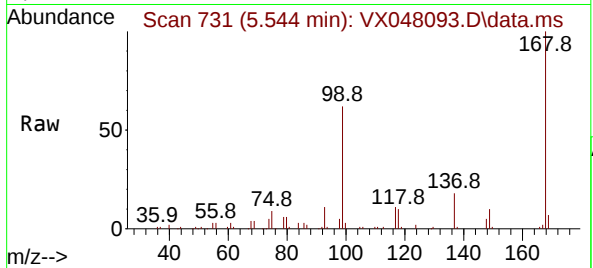




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048093.D
Acq: 09 Oct 2025 17:25

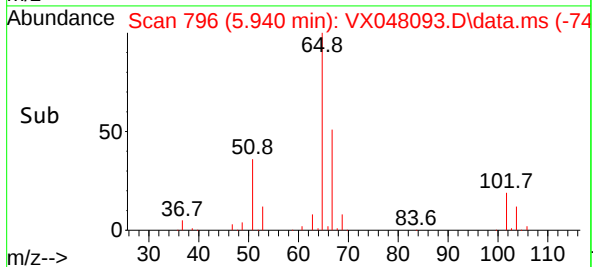
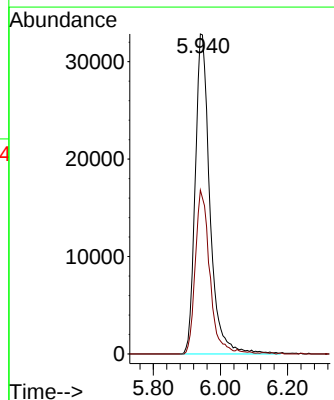
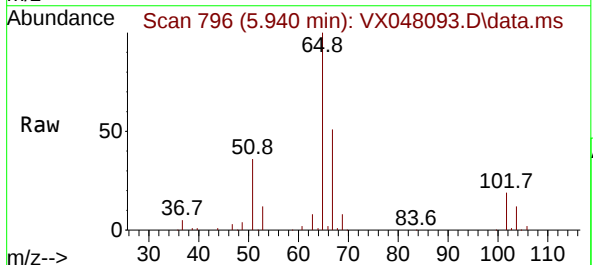
Instrument :
MSVOA_X
ClientSampleId :
IBLK

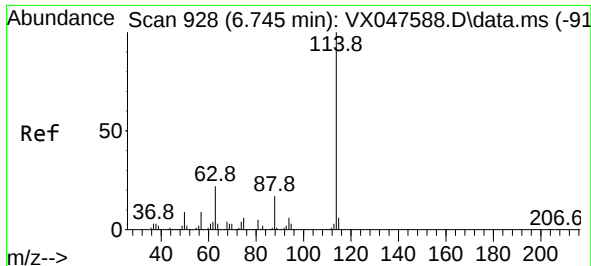
Tgt Ion:168 Resp: 100134
Ion Ratio Lower Upper
168 100
99 62.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 62.443 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048093.D
Acq: 09 Oct 2025 17:25

Tgt Ion: 65 Resp: 99526
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.0

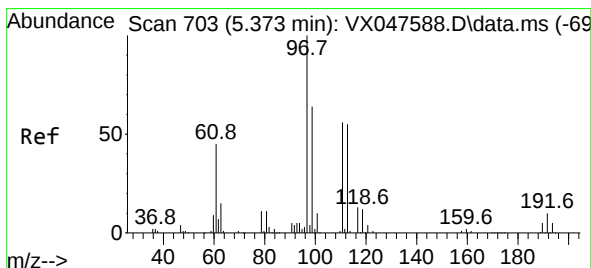
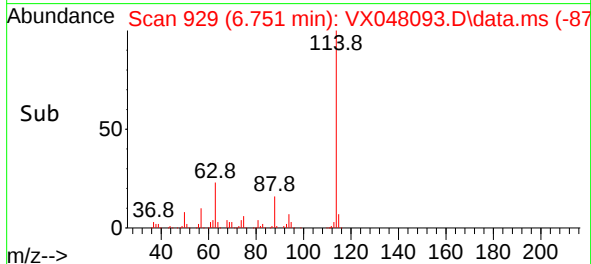
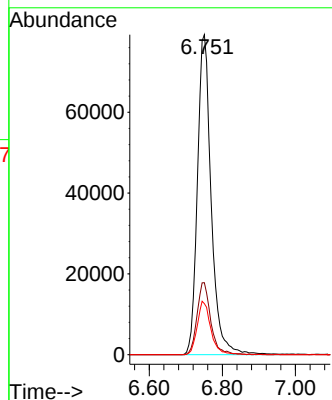
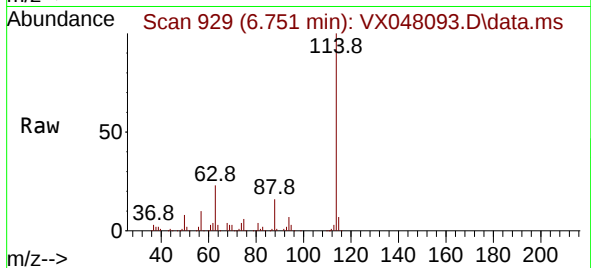




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048093.D
Acq: 09 Oct 2025 17:25

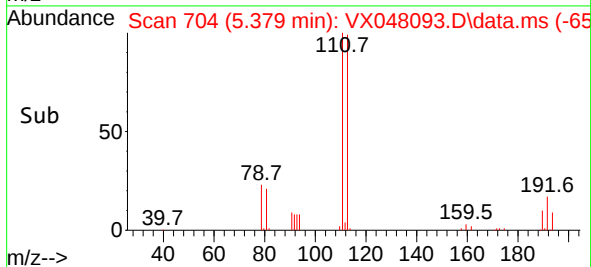
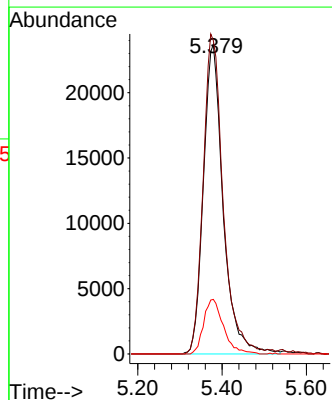
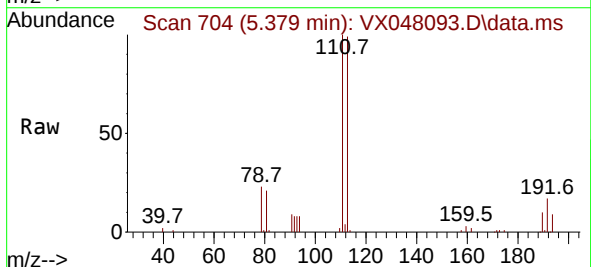
Instrument :
MSVOA_X
ClientSampleId :
IBLK

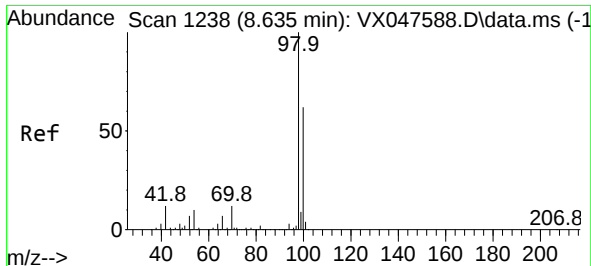
Tgt Ion:114 Resp: 208450
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.0
88 16.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 55.187 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048093.D
Acq: 09 Oct 2025 17:25

Tgt Ion:113 Resp: 77151
Ion Ratio Lower Upper
113 100
111 104.2 80.9 121.3
192 17.8 14.2 21.4

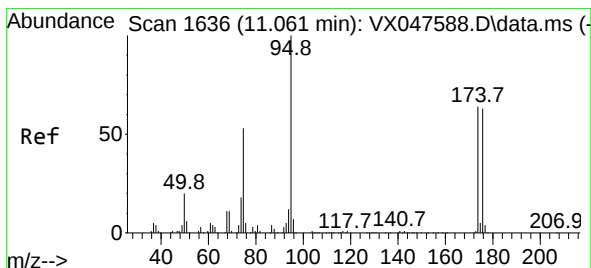
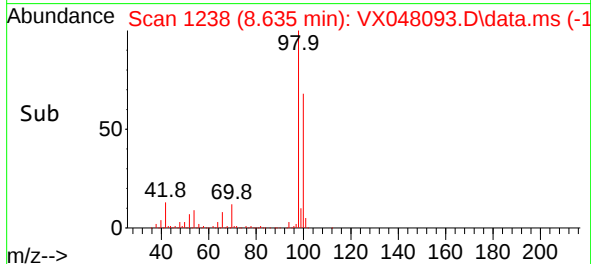
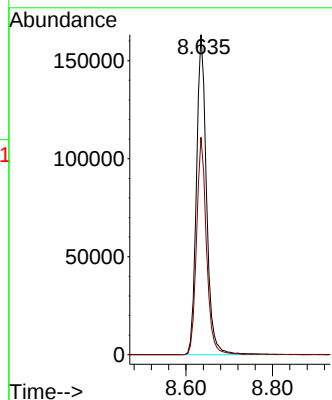
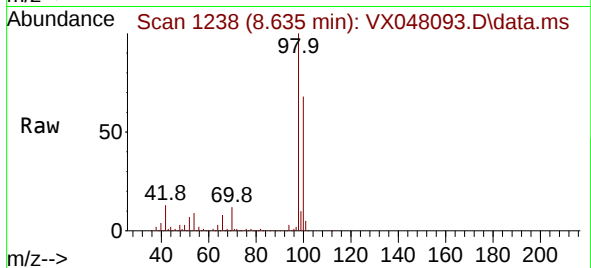




#50
Toluene-d8
Concen: 54.603 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048093.D
Acq: 09 Oct 2025 17:25

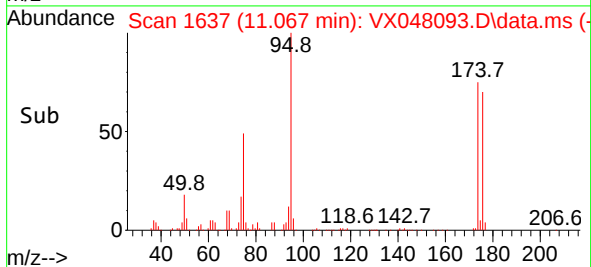
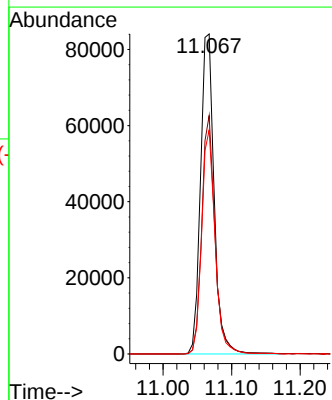
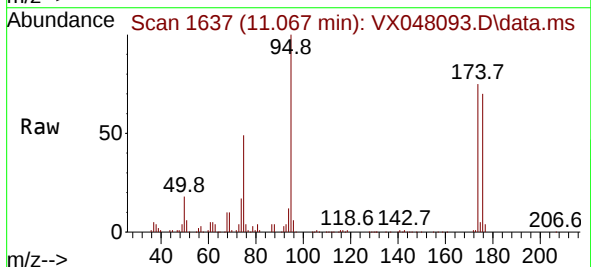
Instrument :
MSVOA_X
ClientSampleId :
IBLK

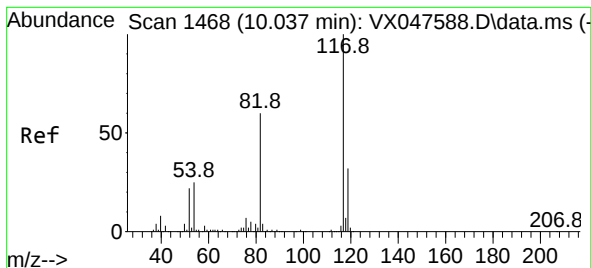
Tgt Ion: 98 Resp: 264132
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 63.414 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048093.D
Acq: 09 Oct 2025 17:25

Tgt Ion: 95 Resp: 116417
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 68.7 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: VX048093.D

Acq: 09 Oct 2025 17:25

Instrument :

MSVOA_X

ClientSampleId :

IBLK

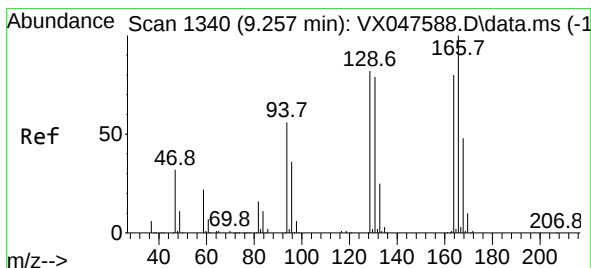
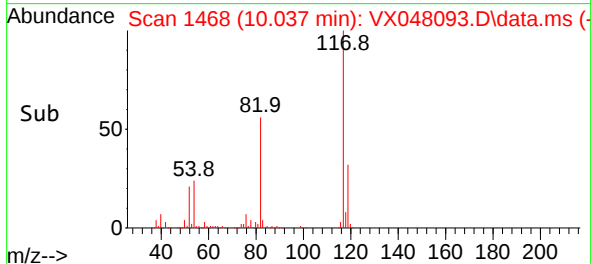
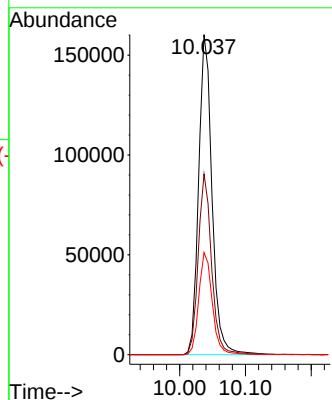
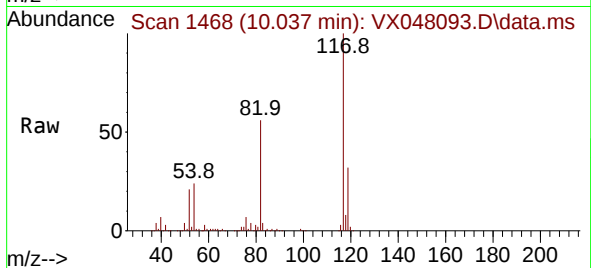
Tgt Ion:117 Resp: 226846

Ion Ratio Lower Upper

117 100

82 56.4 47.8 71.6

119 31.9 25.2 37.8



#64

Tetrachloroethene

Concen: 10.543 ug/l

RT: 9.257 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VX048093.D

Acq: 09 Oct 2025 17:25

Tgt Ion:164 Resp: 15591

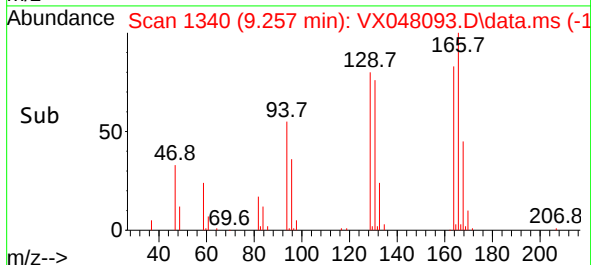
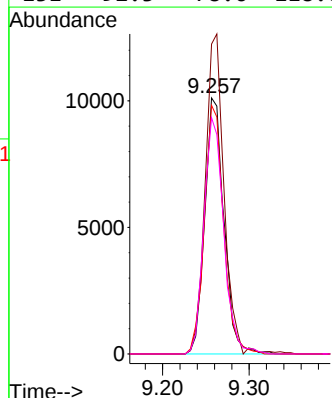
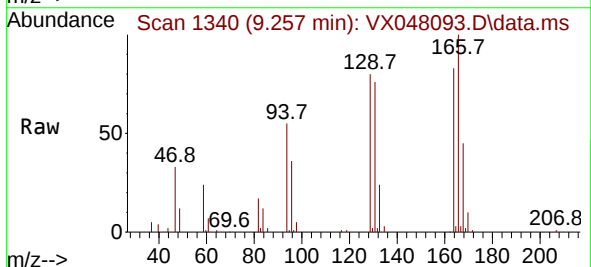
Ion Ratio Lower Upper

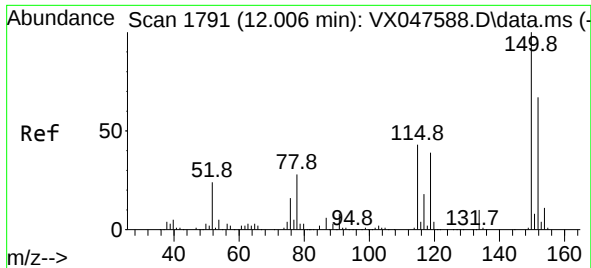
164 100

166 121.1 100.2 150.2

129 97.1 81.8 122.6

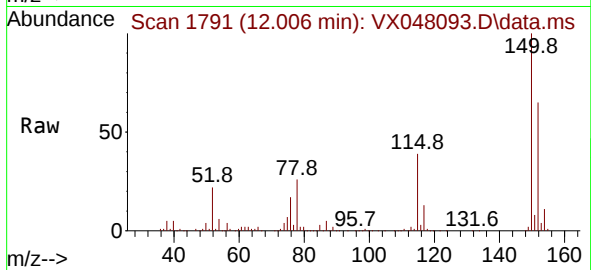
131 92.3 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048093.D
 Acq: 09 Oct 2025 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 115987
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.9 134.5
 150 158.4 0.0 352.0

