

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047861.D
 Acq On : 26 Sep 2025 16:10
 Operator : JC/MD
 Sample : Q3143-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Sep 26 23:17:31 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	118382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	244023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	251722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	95703	50.789	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.580%	
35) Dibromofluoromethane	5.373	113	79654	48.672	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.340%	
50) Toluene-d8	8.634	98	276817	48.883	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	11.067	95	113914	53.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.000%	

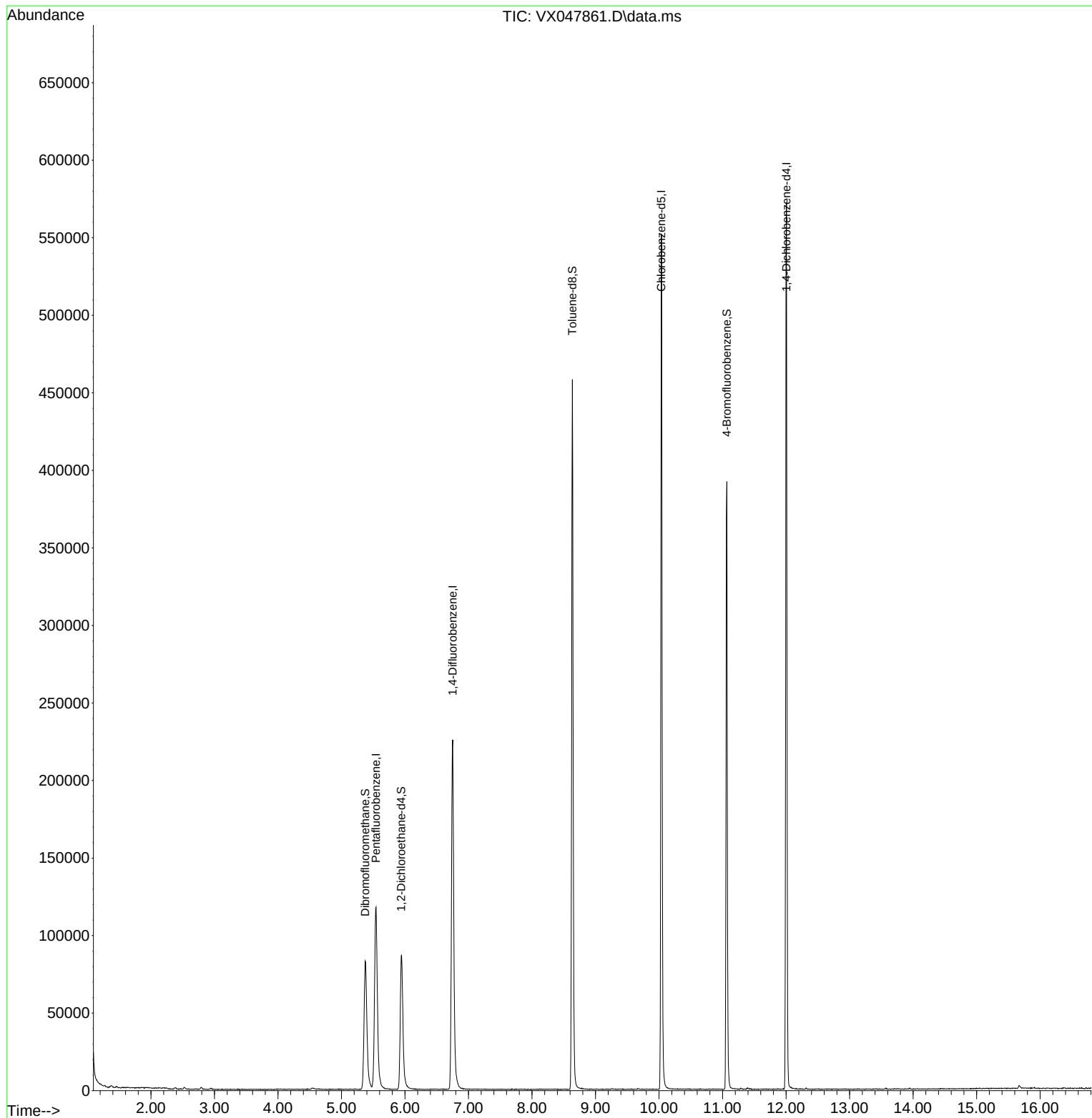
Target Compounds	Qvalue

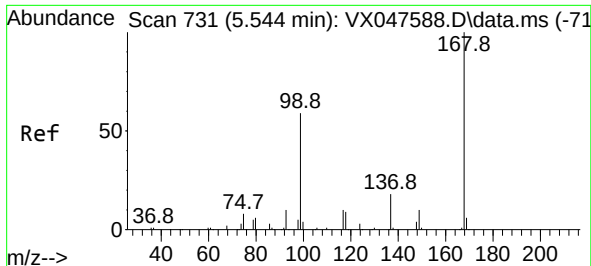
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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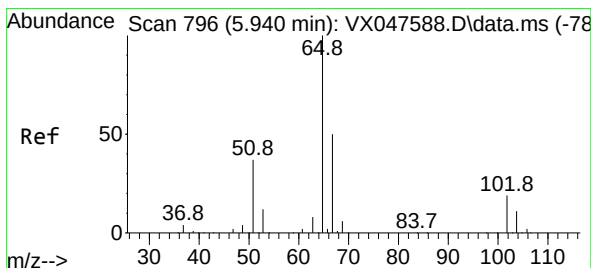
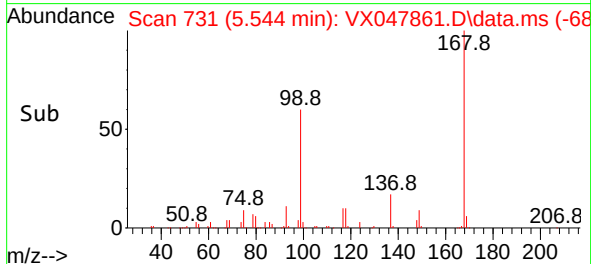
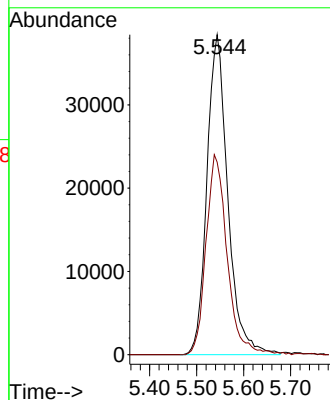
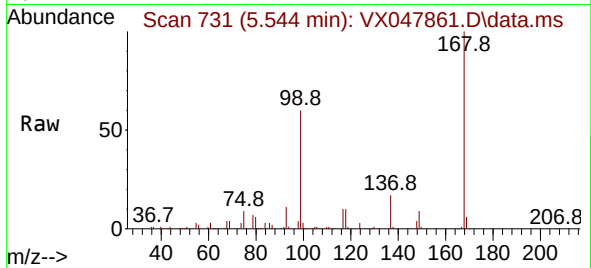




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

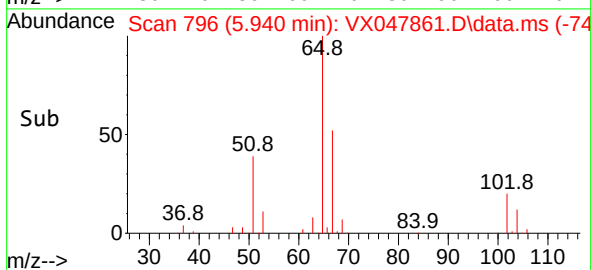
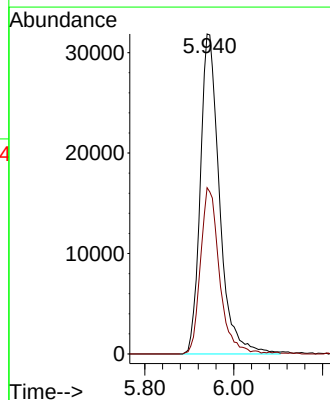
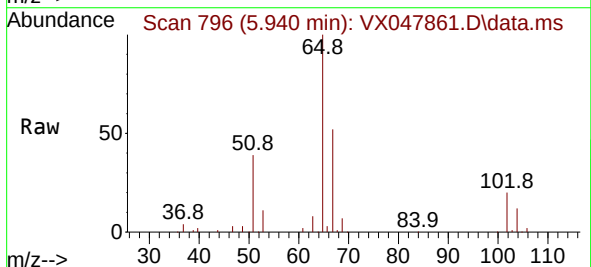
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

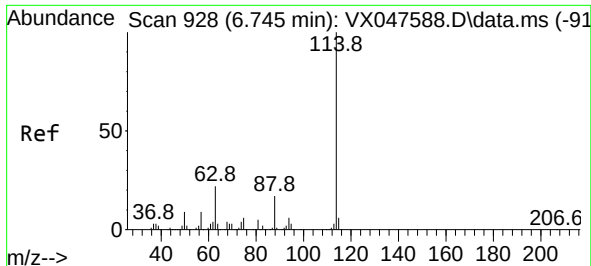
Tgt Ion:168 Resp: 118382
Ion Ratio Lower Upper
168 100
99 60.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.789 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

Tgt Ion: 65 Resp: 95703
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

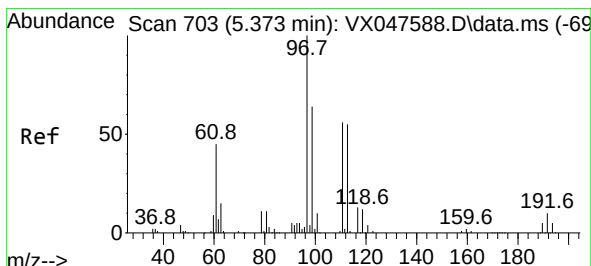
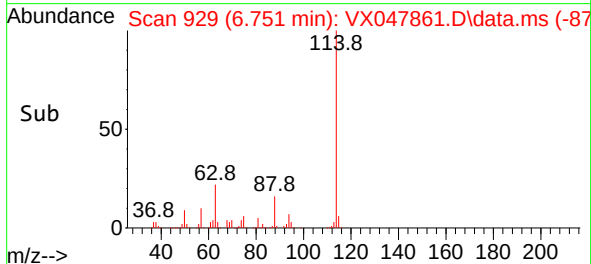
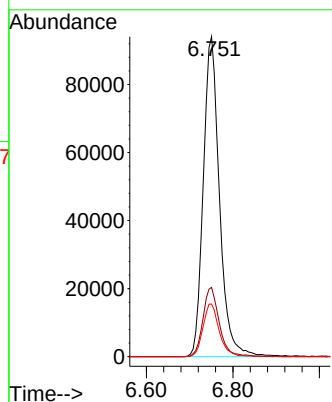
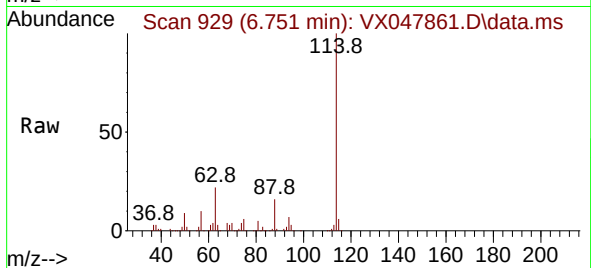




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

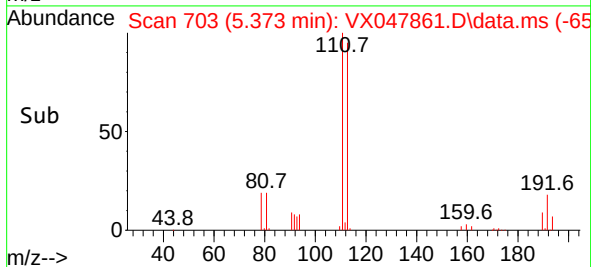
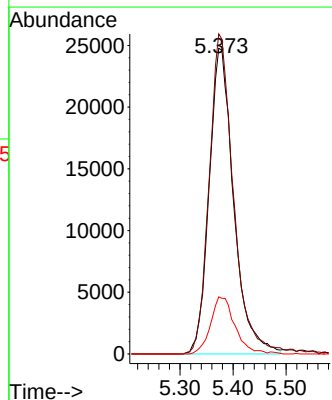
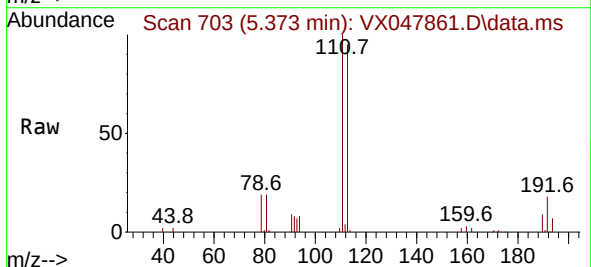
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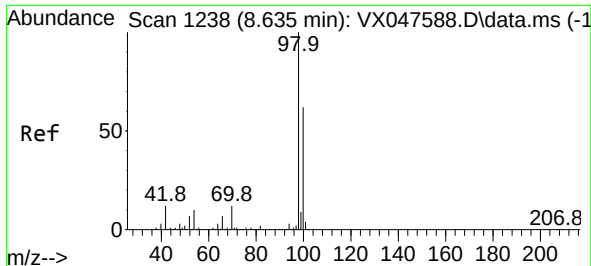
Tgt Ion:114 Resp: 244023
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.672 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

Tgt Ion:113 Resp: 79654
Ion Ratio Lower Upper
113 100
111 103.5 80.9 121.3
192 18.4 14.2 21.4

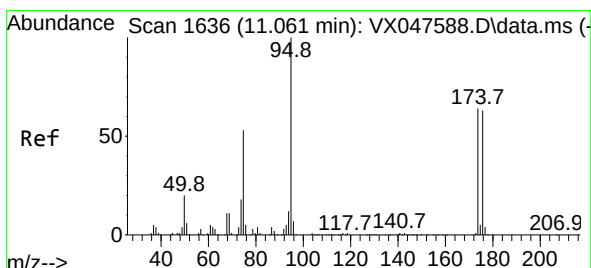
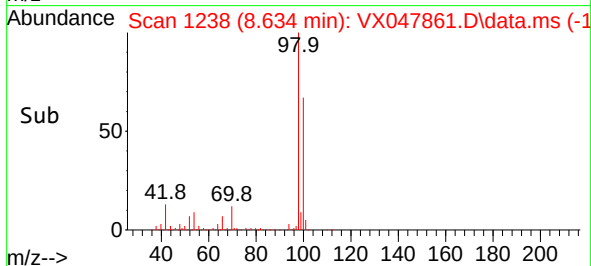
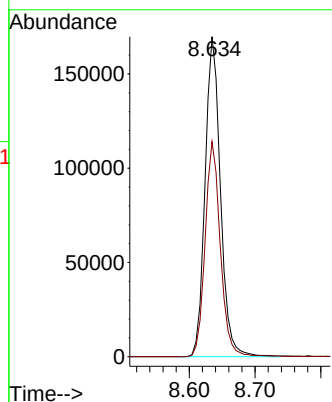
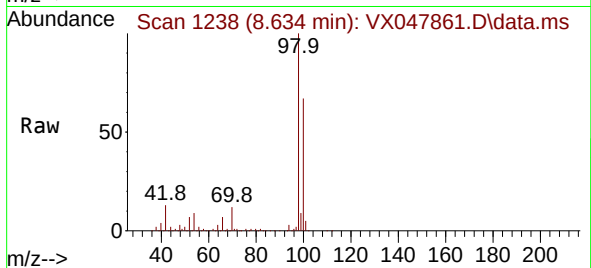




#50
Toluene-d8
Concen: 48.883 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

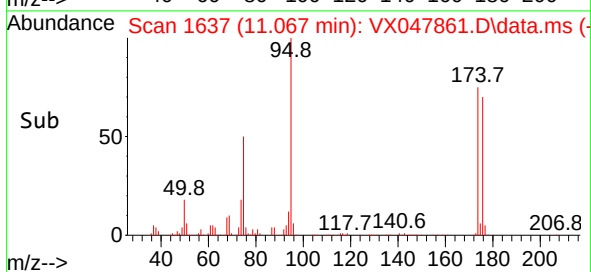
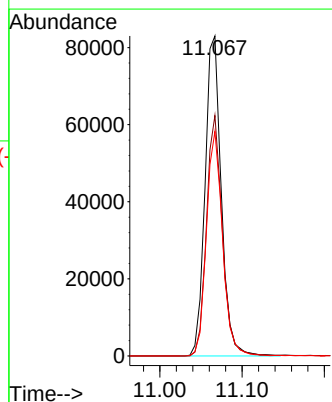
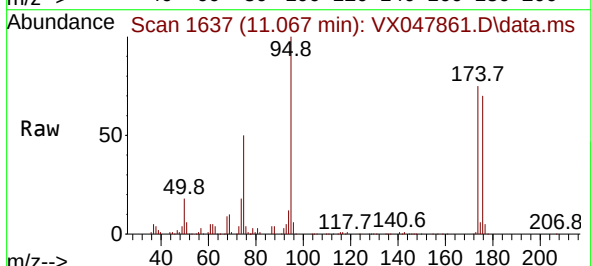
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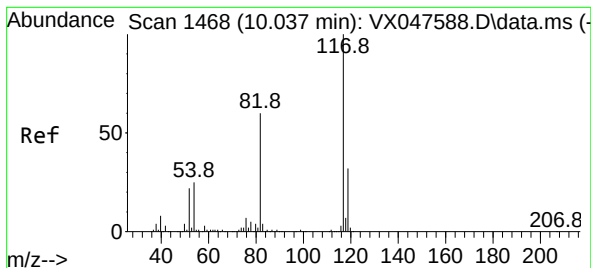
Tgt Ion: 98 Resp: 276817
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.005 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047861.D
Acq: 26 Sep 2025 16:10

Tgt Ion: 95 Resp: 113914
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.6
176 69.8 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: VX047861.D

Acq: 26 Sep 2025 16:10

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

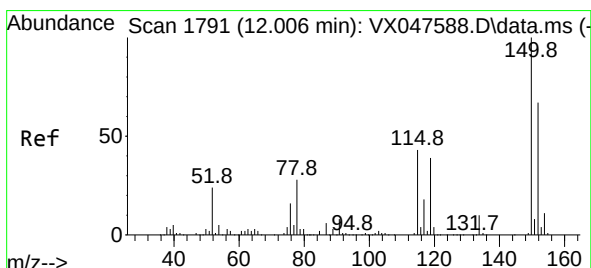
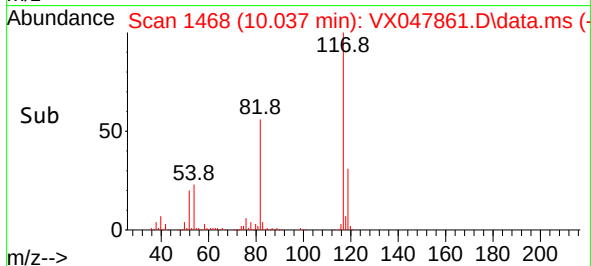
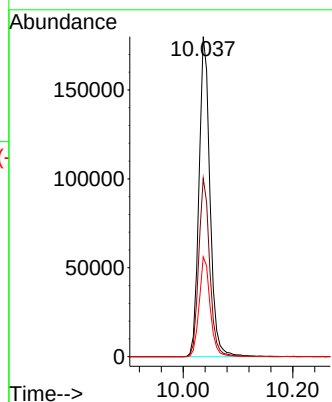
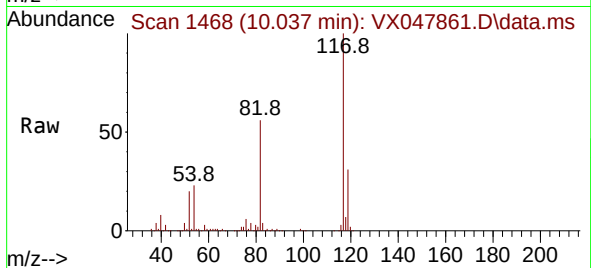
Tgt Ion:117 Resp: 251722

Ion Ratio Lower Upper

117 100

82 55.8 47.8 71.6

119 31.2 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: VX047861.D

Acq: 26 Sep 2025 16:10

Tgt Ion:152 Resp: 122127

Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 158.5 0.0 352.0

