

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047859.D
 Acq On : 26 Sep 2025 15:28
 Operator : JC/MD
 Sample : Q3143-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 26 23:16:47 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	5.538	168	125226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	264752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	269079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134741	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104699	52.526	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.060%
35) Dibromofluoromethane	5.373	113	88246	49.700	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.400%
50) Toluene-d8	8.635	98	300634	48.933	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.067	95	125483	53.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.640%

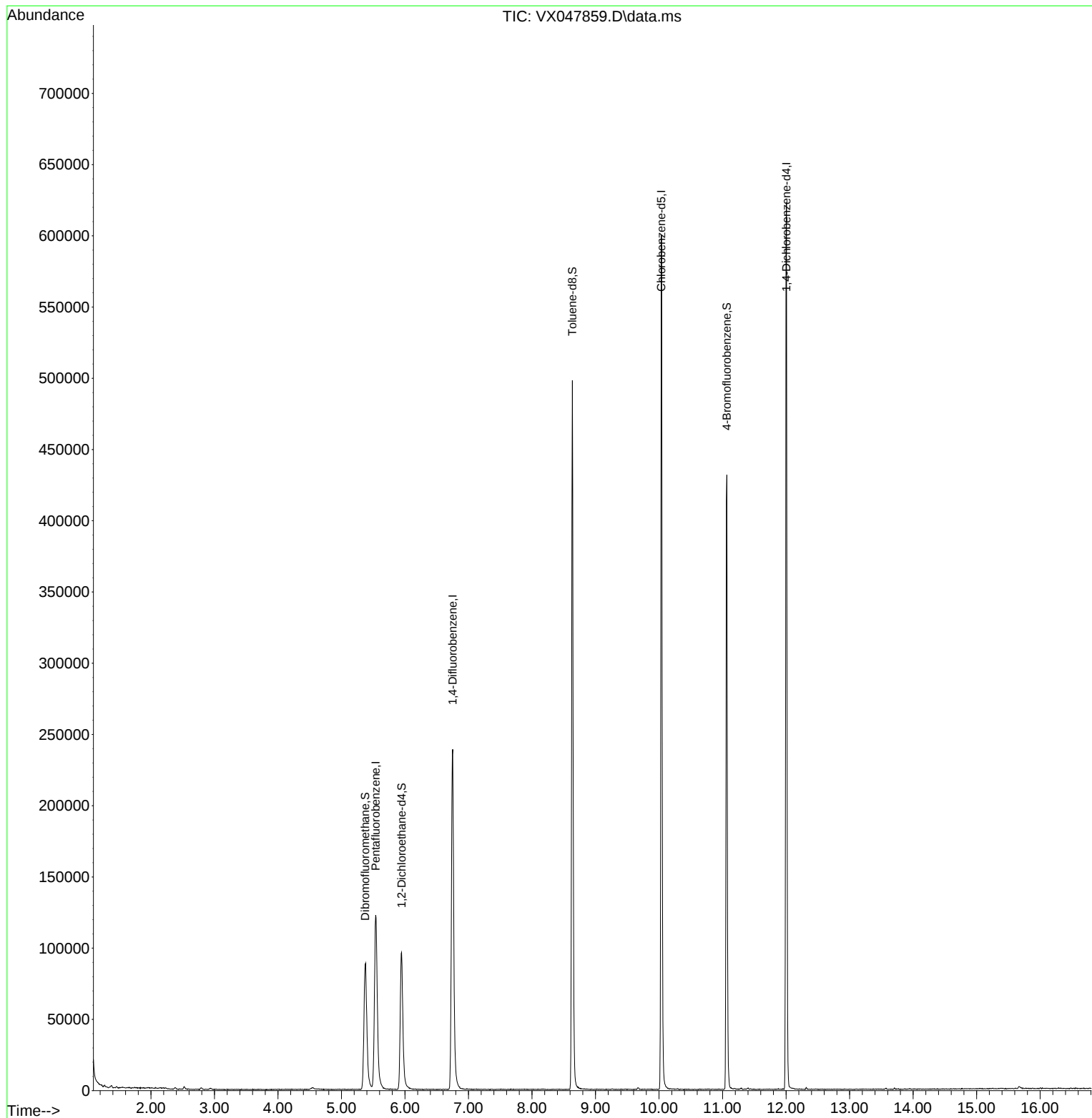
Target Compounds	Qvalue

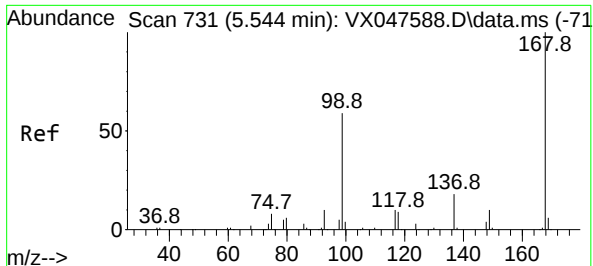
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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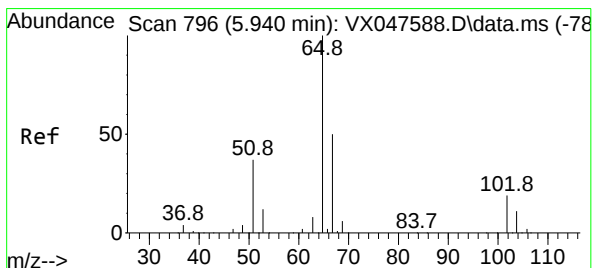
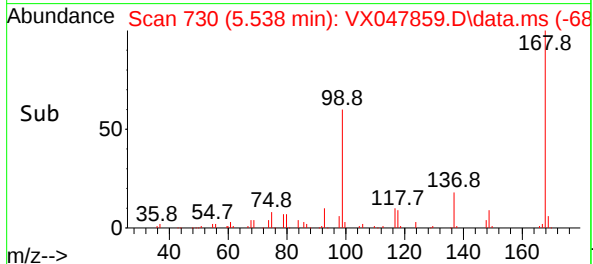
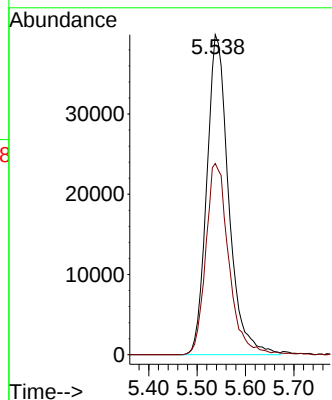
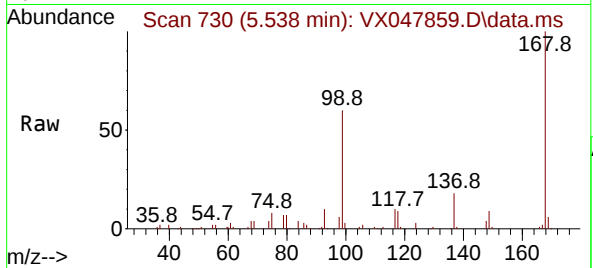




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047859.D
Acq: 26 Sep 2025 15:28

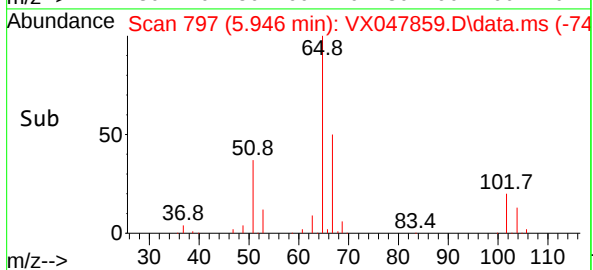
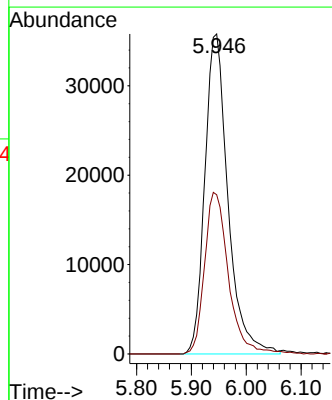
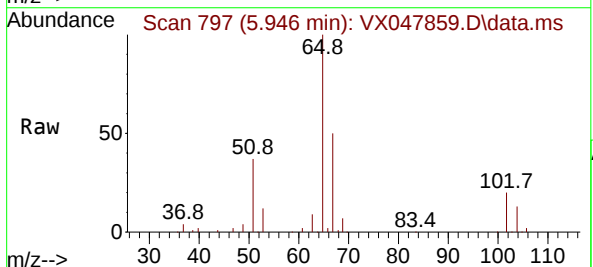
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

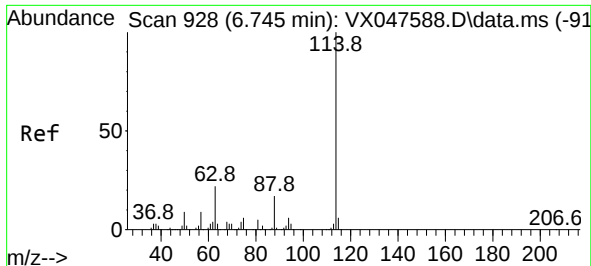
Tgt Ion:168 Resp: 125226
Ion Ratio Lower Upper
168 100
99 59.8 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 52.526 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047859.D
Acq: 26 Sep 2025 15:28

Tgt Ion: 65 Resp: 104699
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

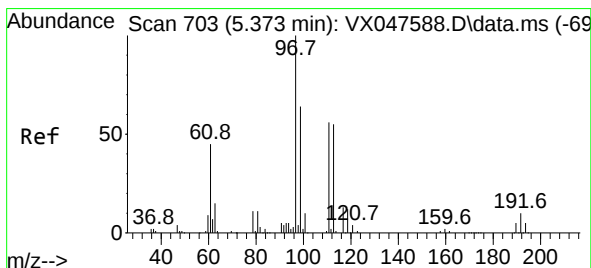
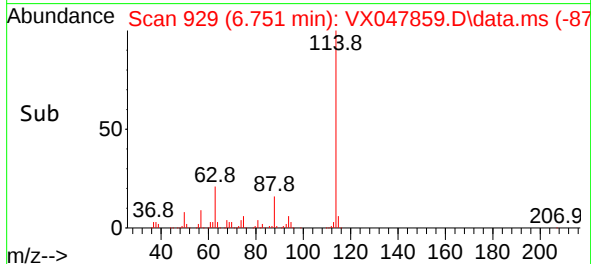
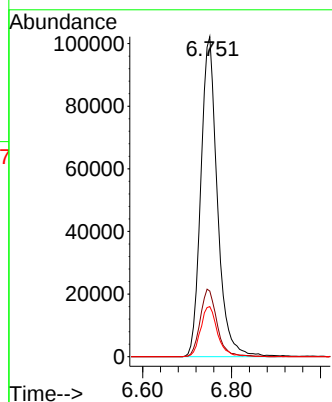
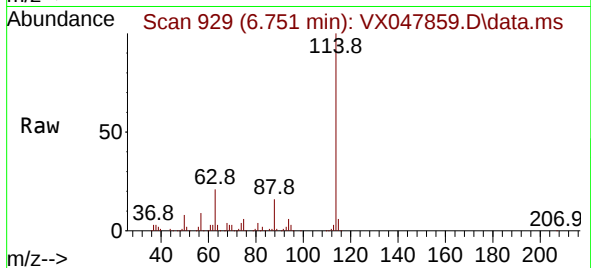




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047859.D
Acq: 26 Sep 2025 15:28

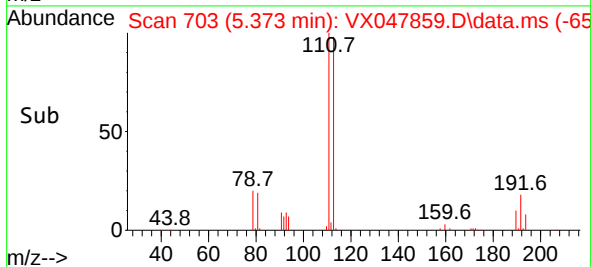
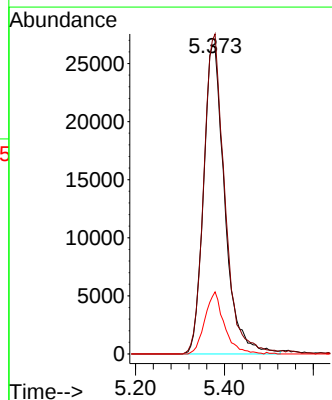
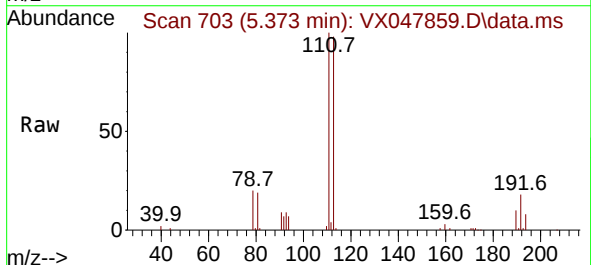
Instrument :
MSVOA_X
ClientSampleId :
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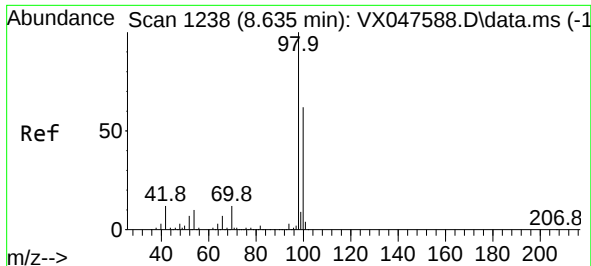
Tgt Ion:114 Resp: 264752
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.0
88 15.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.700 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047859.D
Acq: 26 Sep 2025 15:28

Tgt Ion:113 Resp: 88246
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 18.4 14.2 21.4

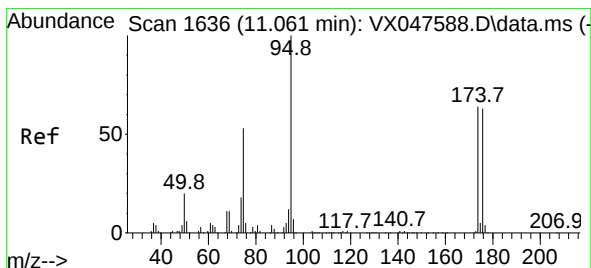
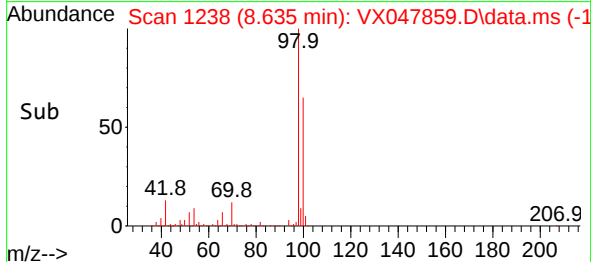
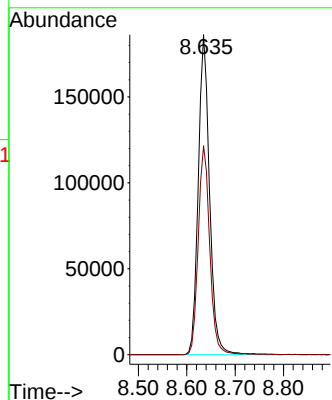
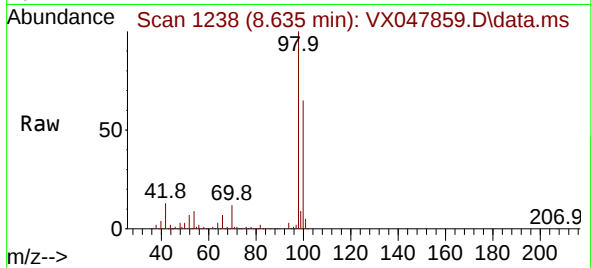




#50
Toluene-d8
Concen: 48.933 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047859.D
Acq: 26 Sep 2025 15:28

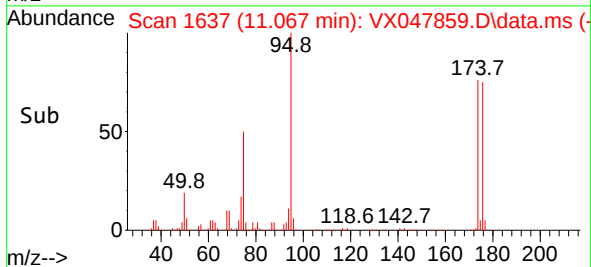
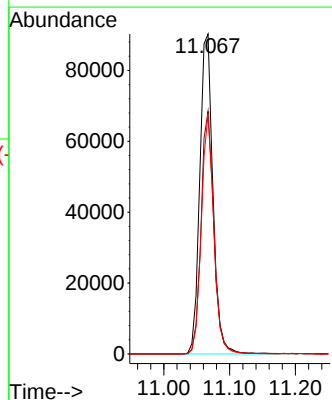
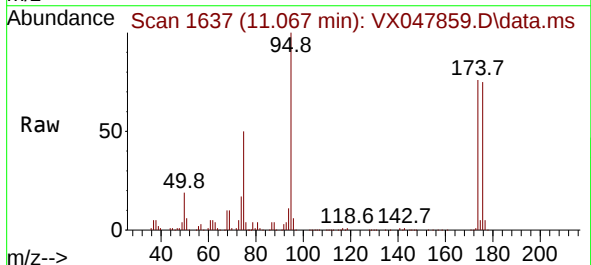
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

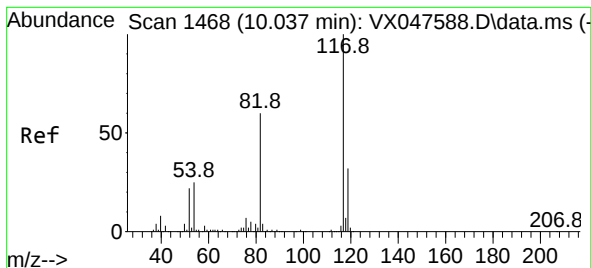
Tgt Ion: 98 Resp: 300634
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.816 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047859.D
Acq: 26 Sep 2025 15:28

Tgt Ion: 95 Resp: 125483
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.6
176 71.1 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: VX047859.D

Acq: 26 Sep 2025 15:28

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

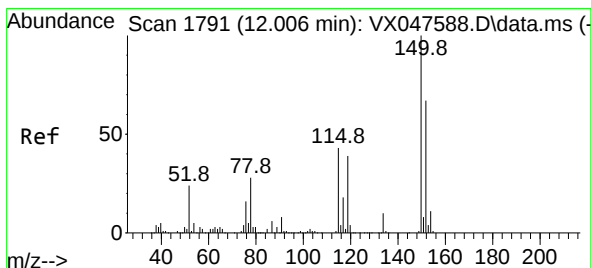
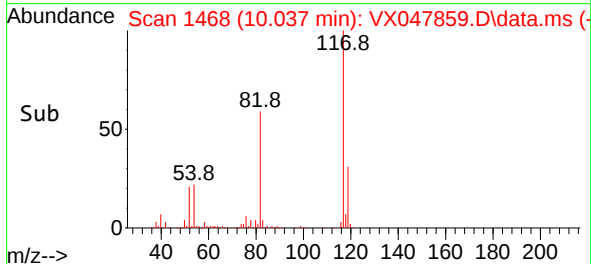
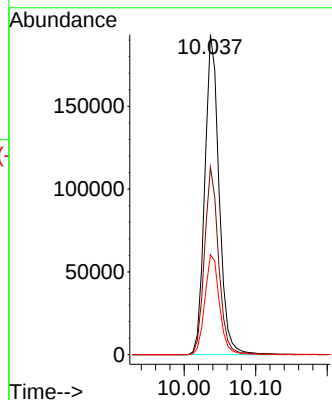
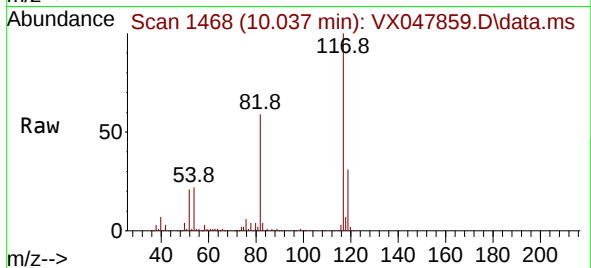
Tgt Ion:117 Resp: 269079

Ion Ratio Lower Upper

117 100

82 58.6 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: VX047859.D

Acq: 26 Sep 2025 15:28

Tgt Ion:152 Resp: 134741

Ion Ratio Lower Upper

152 100

115 61.6 44.9 134.5

150 156.0 0.0 352.0

