

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045358.D
 Acq On : 20 Mar 2025 14:03
 Operator : JC/MD
 Sample : Q1584-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Mar 21 01:48:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	67006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46278	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61092	57.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.640%
35) Dibromofluoromethane	5.379	113	46017	53.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.040%
50) Toluene-d8	8.647	98	164112	52.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.300%
62) 4-Bromofluorobenzene	11.079	95	55671	53.391	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.780%

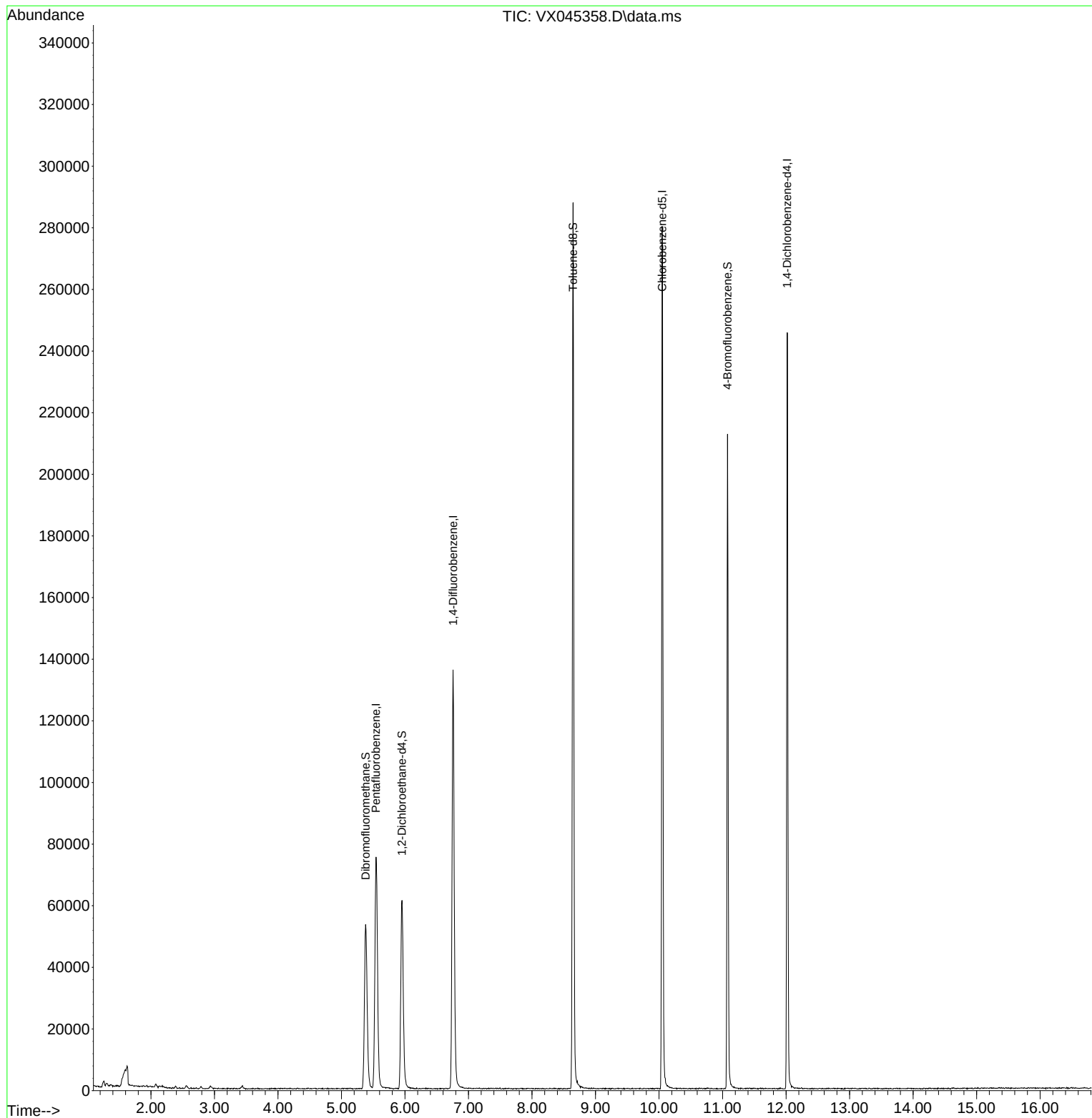
Target Compounds	Qvalue

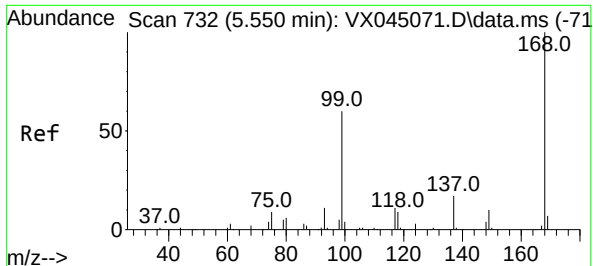
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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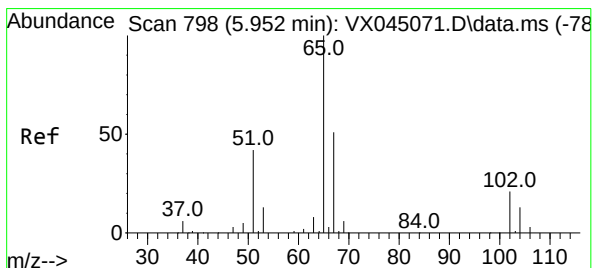
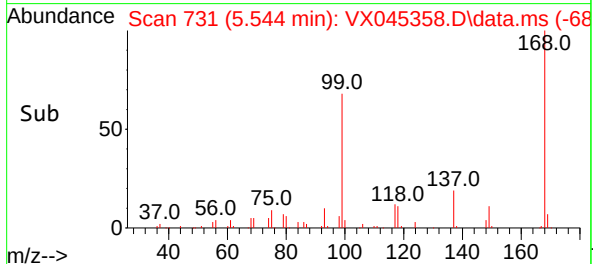
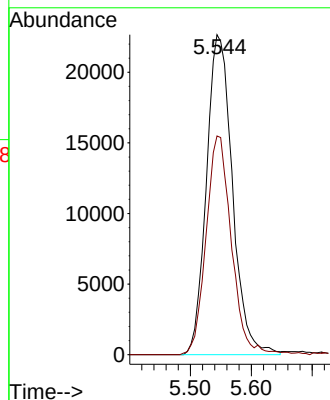
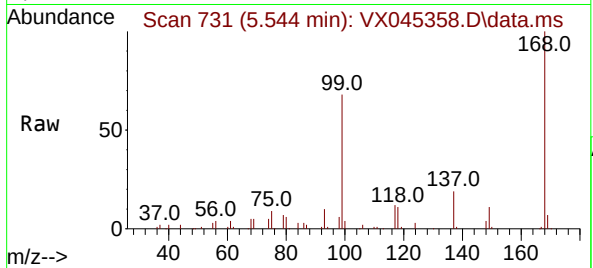




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

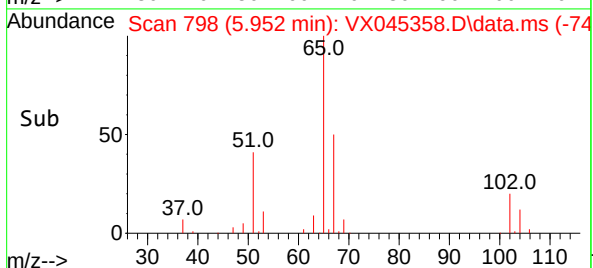
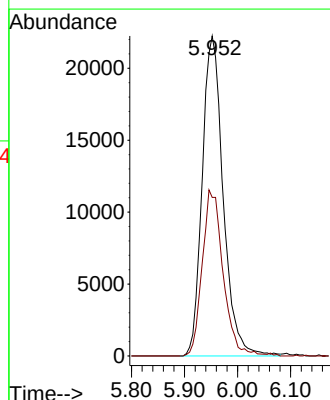
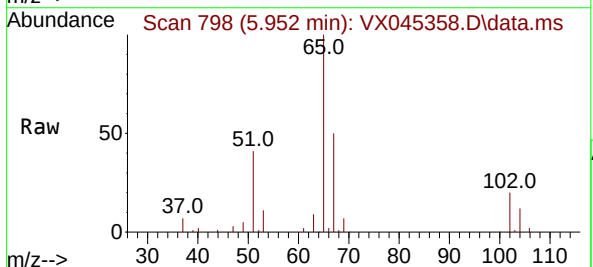
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

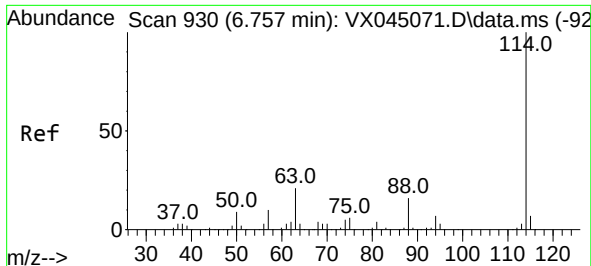
Tgt Ion:168 Resp: 67006
Ion Ratio Lower Upper
168 100
99 68.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.319 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

Tgt Ion: 65 Resp: 61092
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.2

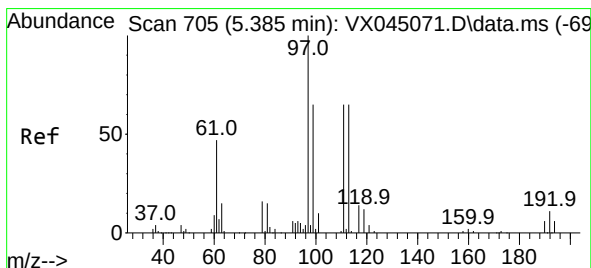
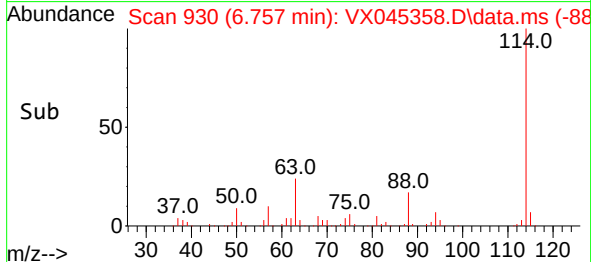
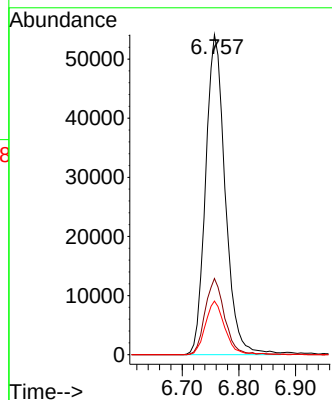
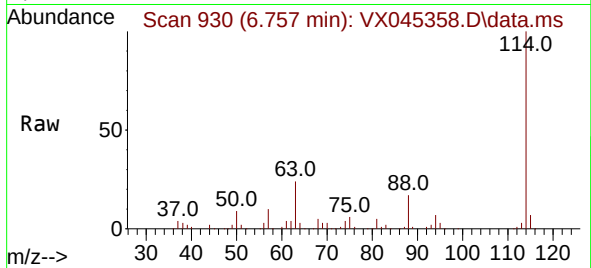




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

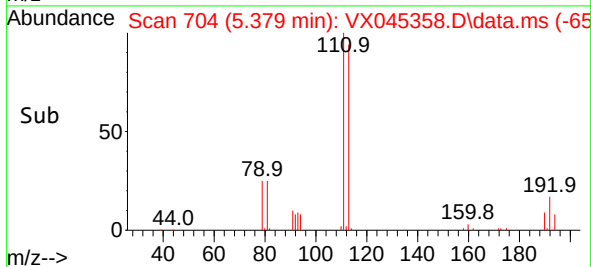
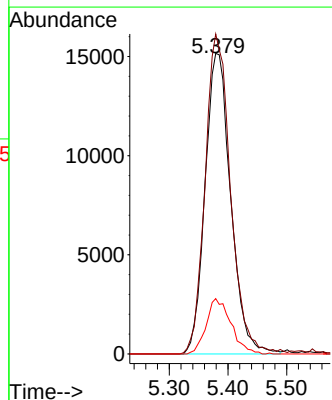
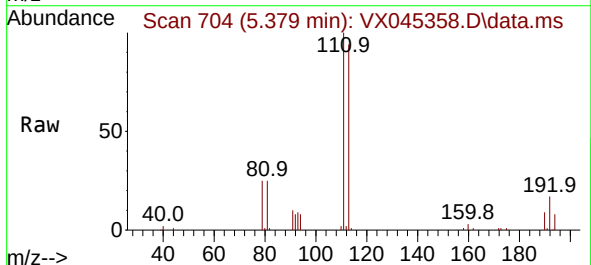
Instrument :
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ClientSampleId :
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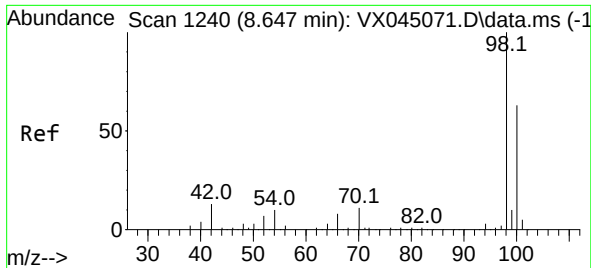
Tgt Ion:114 Resp: 129802
Ion Ratio Lower Upper
114 100
63 23.8 0.0 41.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.018 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

Tgt Ion:113 Resp: 46017
Ion Ratio Lower Upper
113 100
111 105.7 81.8 122.6
192 17.7 14.3 21.5

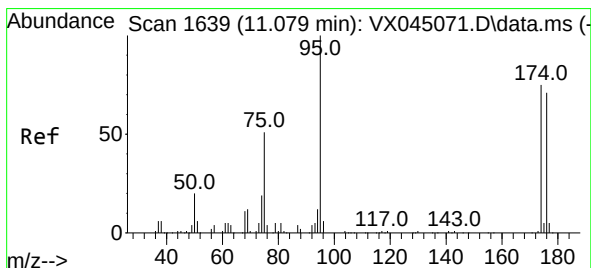
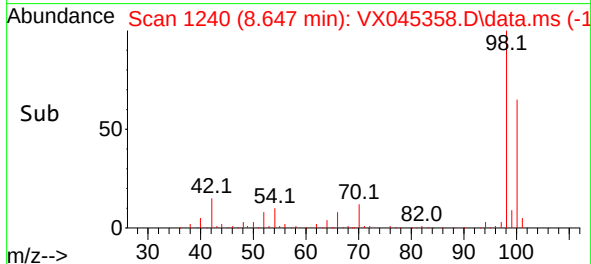
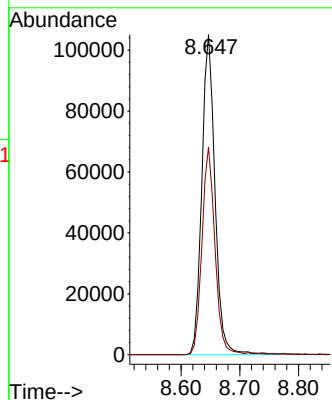
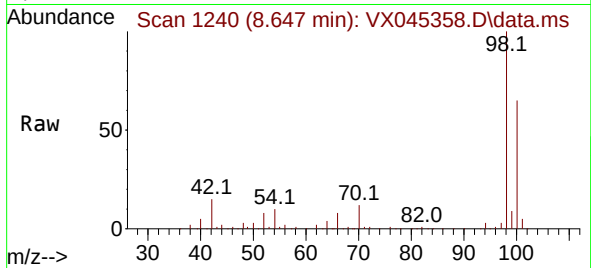




#50
Toluene-d8
Concen: 52.155 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

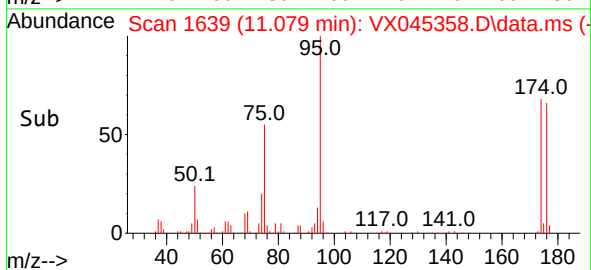
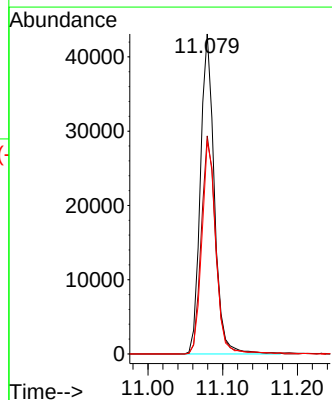
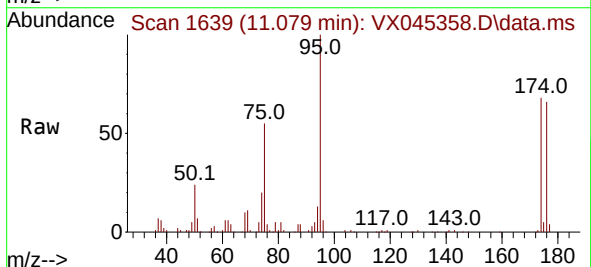
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

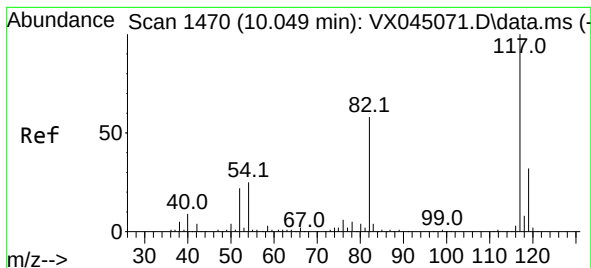
Tgt Ion: 98 Resp: 164112
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.391 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045358.D
Acq: 20 Mar 2025 14:03

Tgt Ion: 95 Resp: 55671
Ion Ratio Lower Upper
95 100
174 70.0 0.0 148.2
176 67.3 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045358.D

Acq: 20 Mar 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

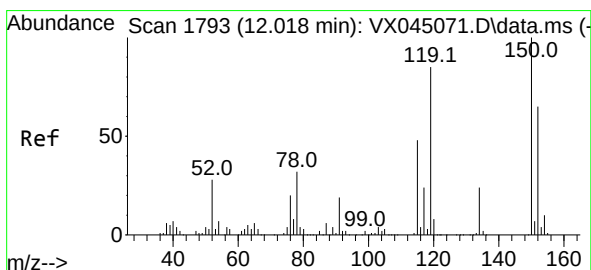
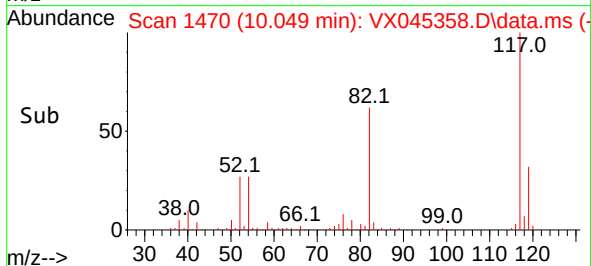
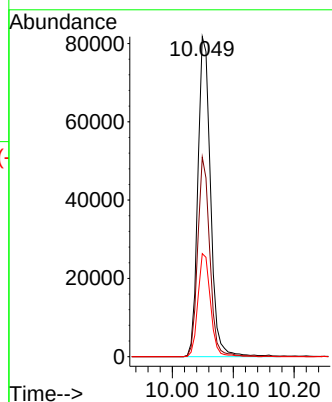
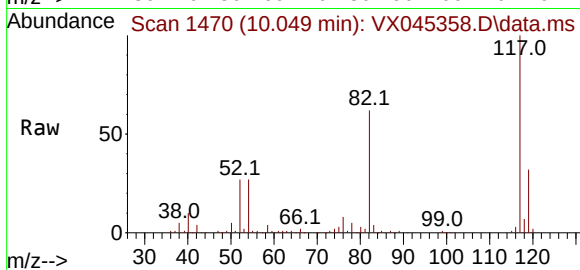
Tgt Ion:117 Resp: 117724

Ion Ratio Lower Upper

117 100

82 62.4 46.3 69.5

119 32.2 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045358.D

Acq: 20 Mar 2025 14:03

Tgt Ion:152 Resp: 46278

Ion Ratio Lower Upper

152 100

115 61.0 44.2 132.6

150 158.7 0.0 349.0

