

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037623.D
 Acq On : 09 Sep 2023 13:22
 Operator : JC/MD
 Sample : 04358-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 11 01:21:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	142428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79477	41.338	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.680%
35) Dibromofluoromethane	5.385	113	71687	43.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.680%
50) Toluene-d8	8.647	98	276694	45.614	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.220%#
62) 4-Bromofluorobenzene	11.079	95	98787	43.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.420%

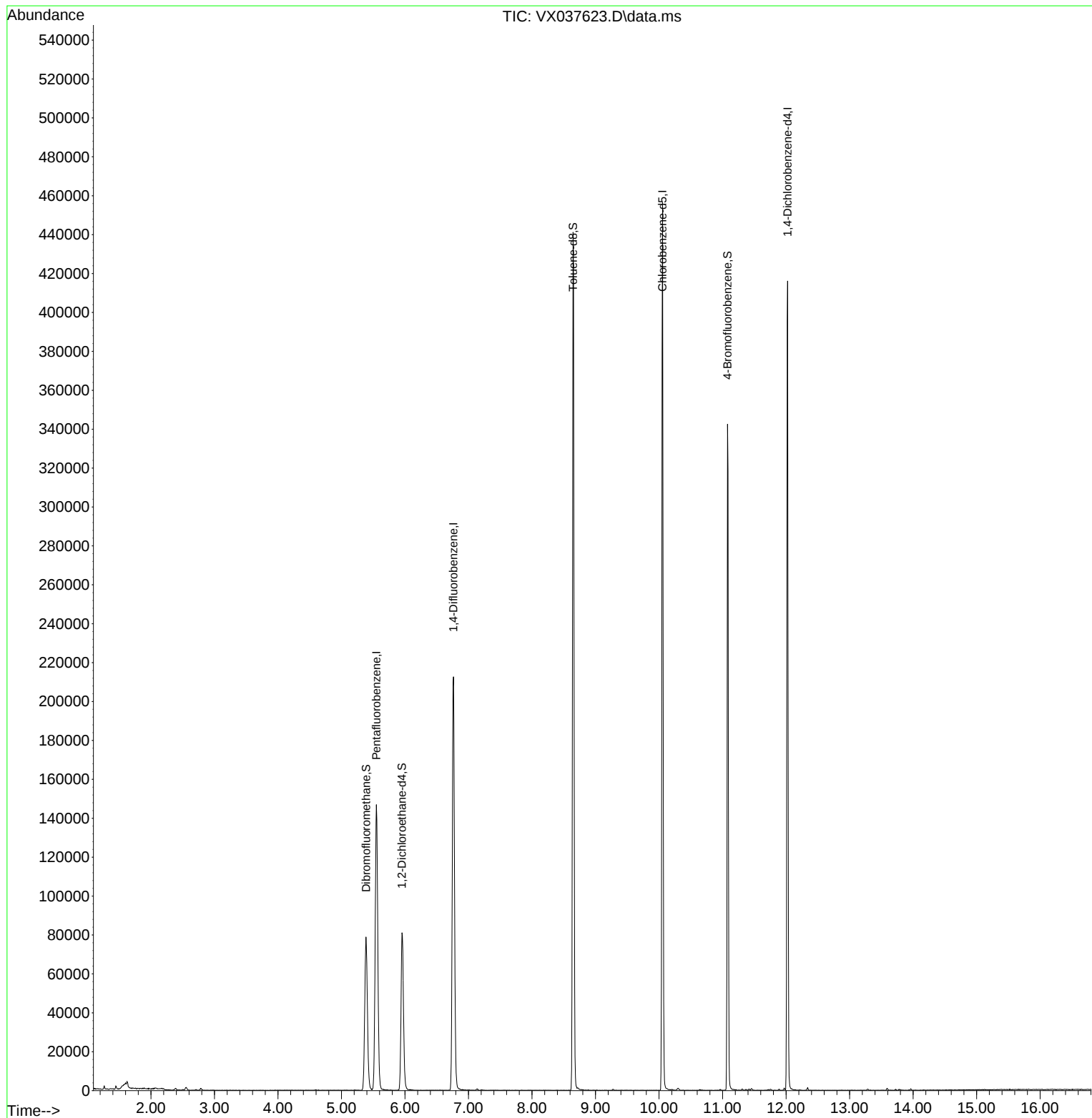
Target Compounds	Qvalue

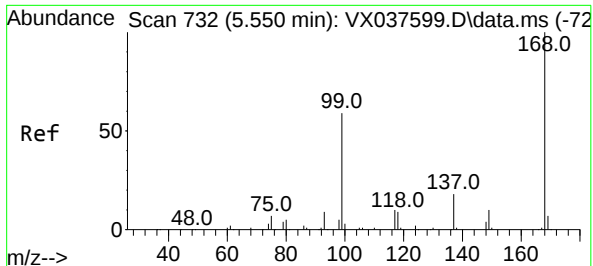
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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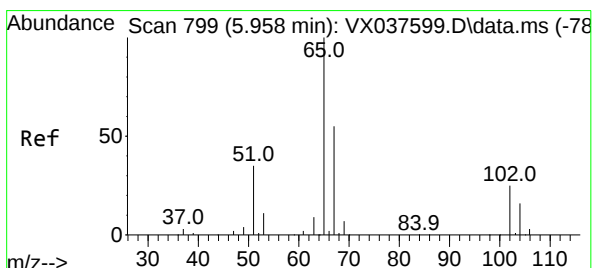
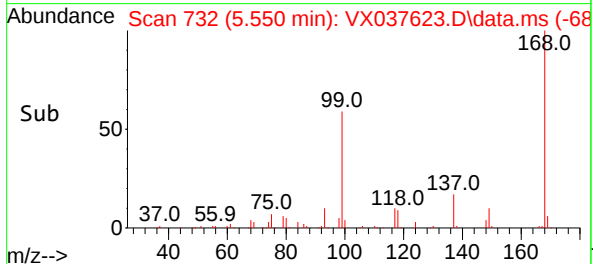
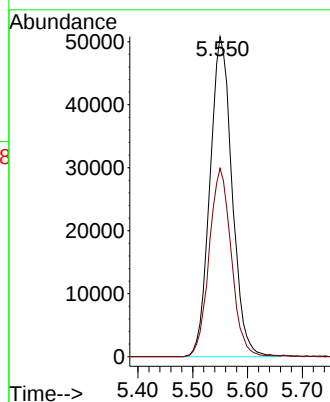
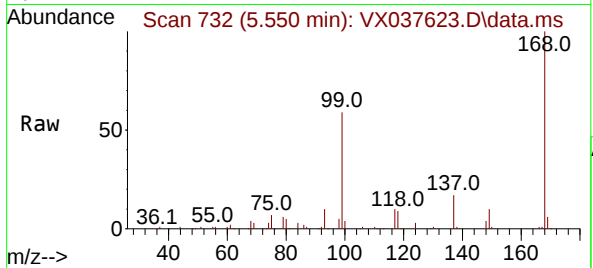




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

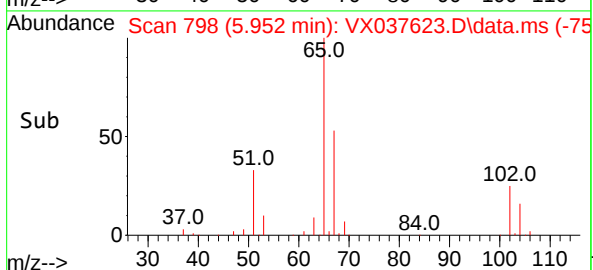
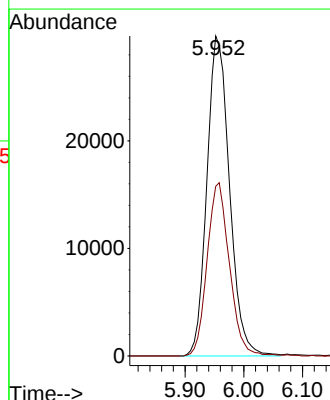
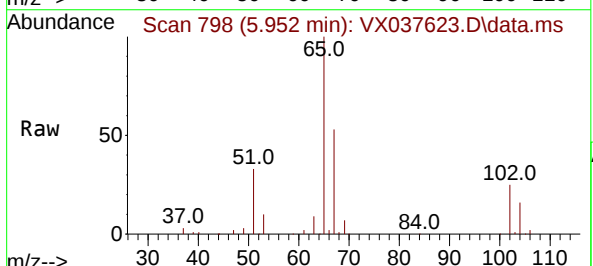
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

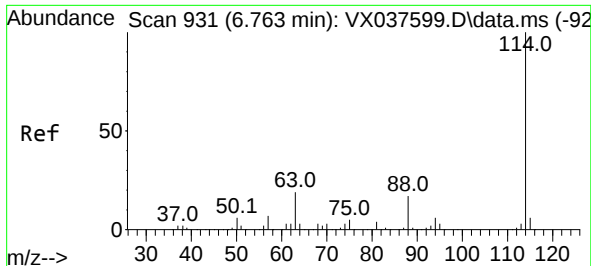
Tgt Ion:168 Resp: 142428
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 41.338 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

Tgt Ion: 65 Resp: 79477
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2

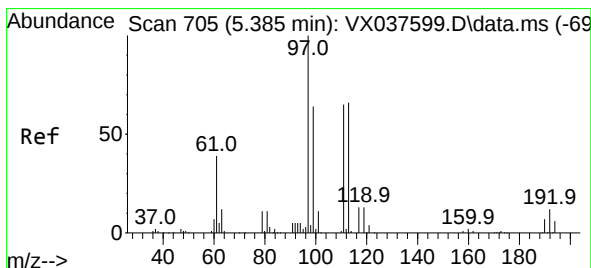
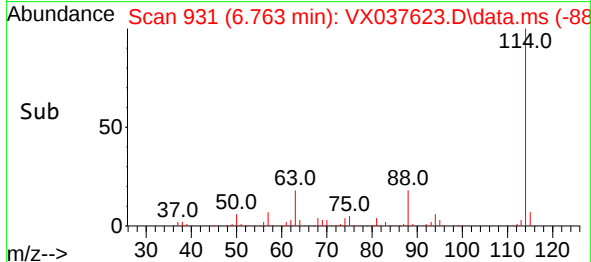
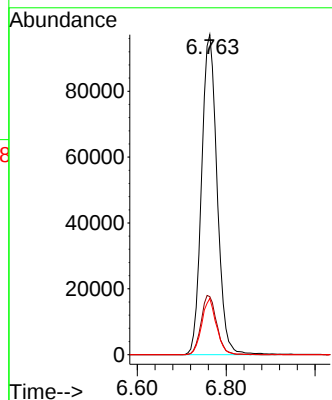
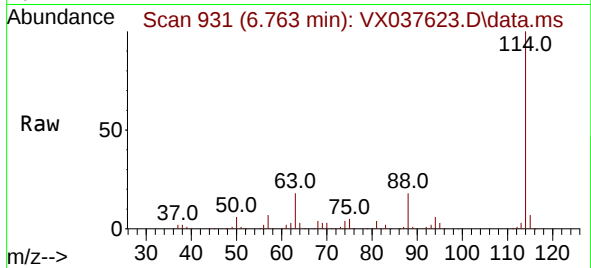




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

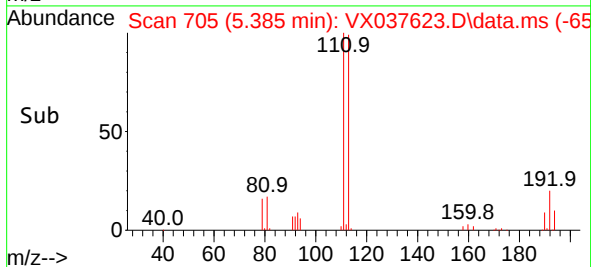
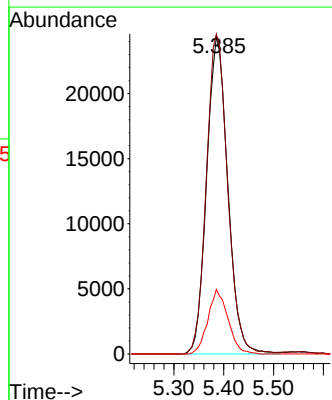
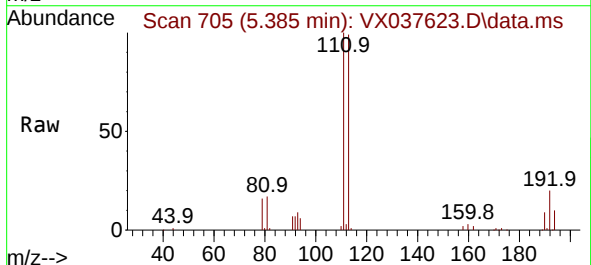
Instrument :
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

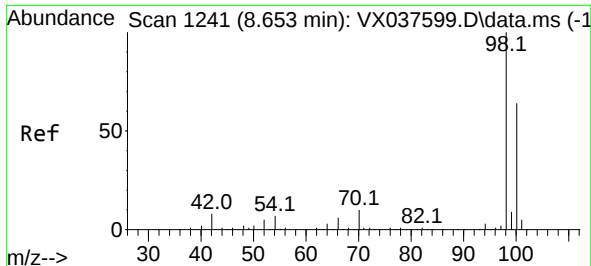
Tgt Ion:114 Resp: 236460
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 17.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

Tgt Ion:113 Resp: 71687
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 19.3 13.3 19.9

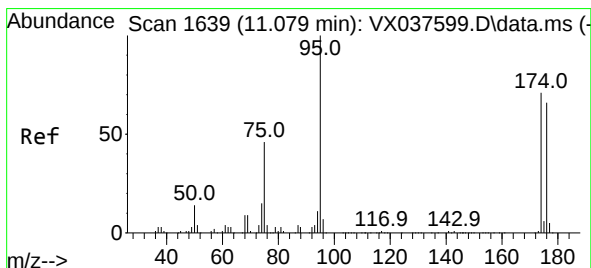
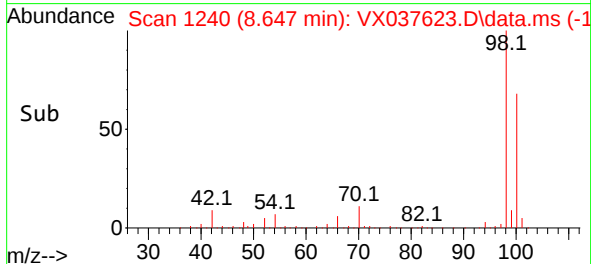
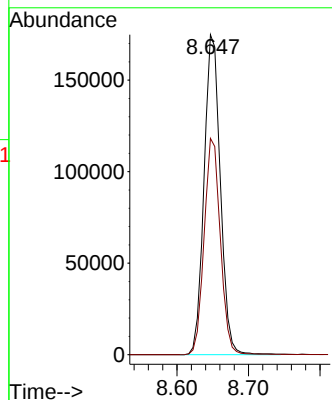
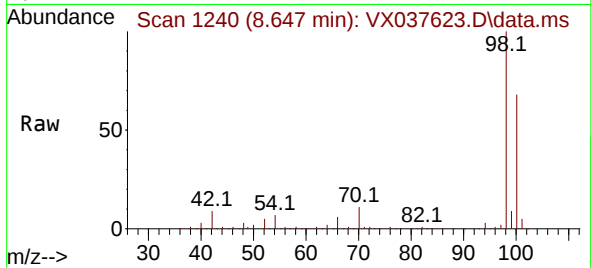




#50
Toluene-d8
Concen: 45.614 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

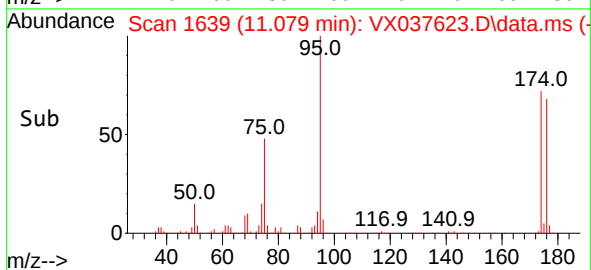
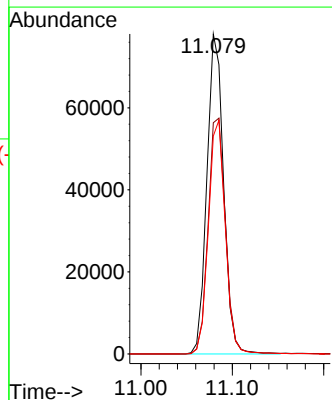
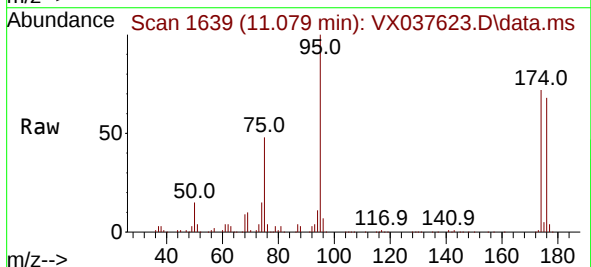
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

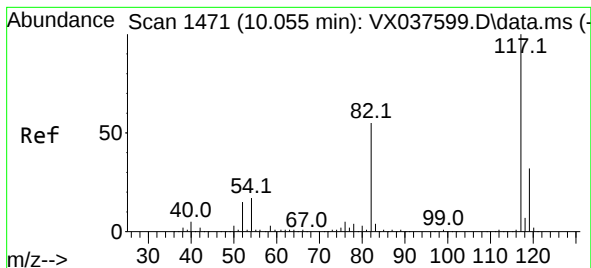
Tgt Ion: 98 Resp: 276694
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.210 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

Tgt Ion: 95 Resp: 98787
Ion Ratio Lower Upper
95 100
174 77.1 0.0 135.6
176 73.9 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037623.D

Acq: 09 Sep 2023 13:22

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

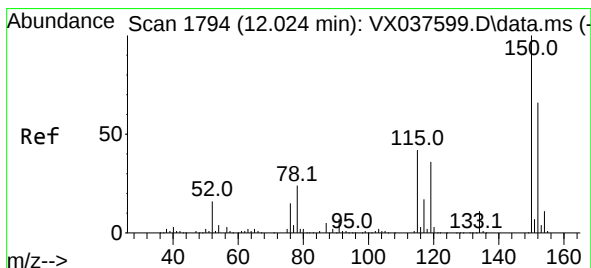
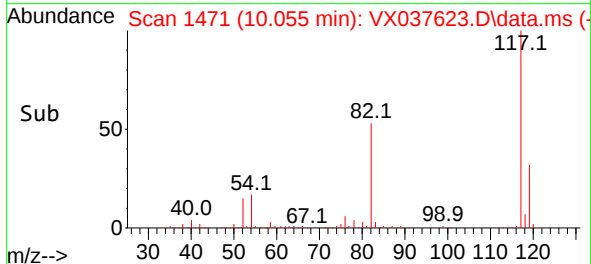
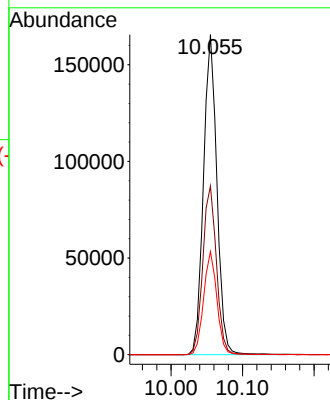
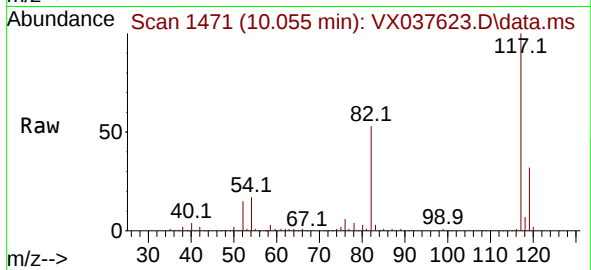
Tgt Ion:117 Resp: 215884

Ion Ratio Lower Upper

117 100

82 52.7 46.2 69.4

119 32.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037623.D

Acq: 09 Sep 2023 13:22

Tgt Ion:152 Resp: 92315

Ion Ratio Lower Upper

152 100

115 61.6 43.3 129.9

150 157.7 0.0 345.0

