

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035562.D
 Acq On : 08 May 2023 16:01
 Operator : JC/MD
 Sample : 02656-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 09 03:45:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

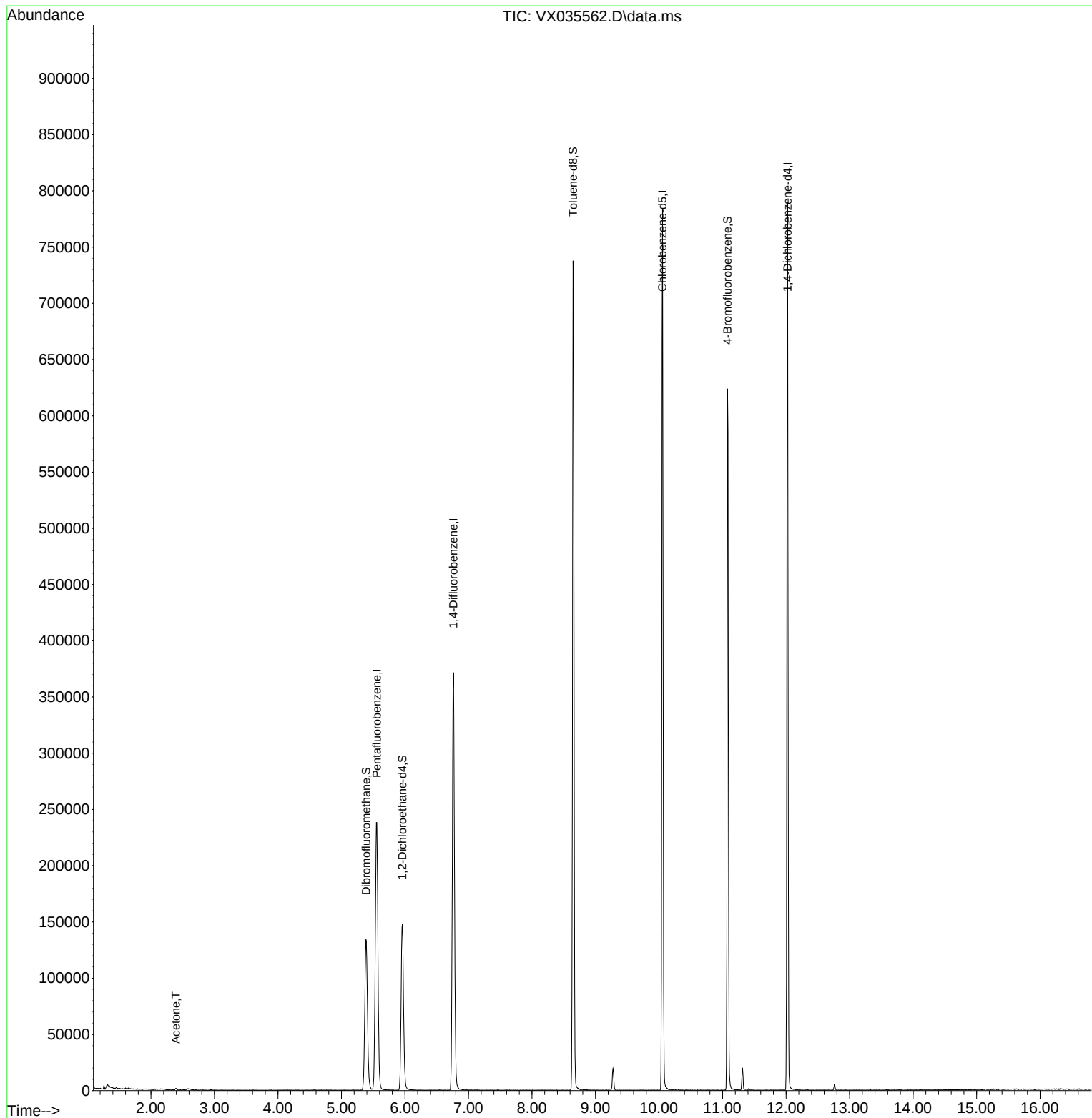
Internal Standards						
1) Pentafluorobenzene	5.556	168	235984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	386721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143454	50.388	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.780%	
35) Dibromofluoromethane	5.385	113	120329	50.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.400%	
50) Toluene-d8	8.647	98	454908	50.805	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	11.079	95	176858	52.507	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.020%	
Target Compounds						
16) Acetone	2.392	43	1987	1.607	ug/l	Qvalue # 88

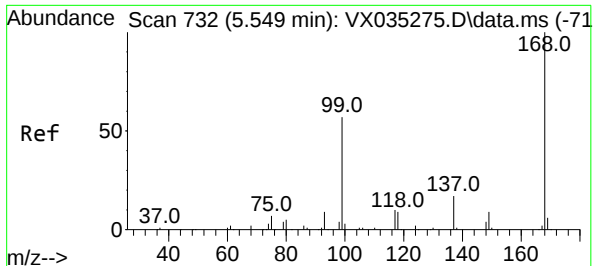
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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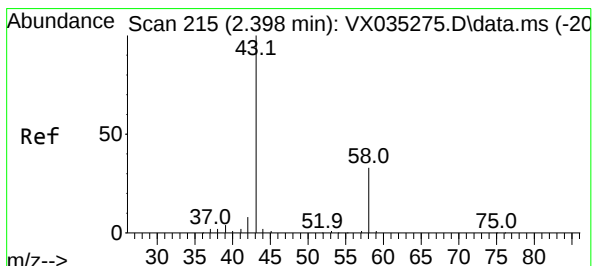
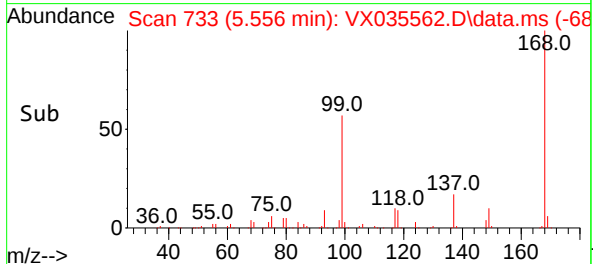
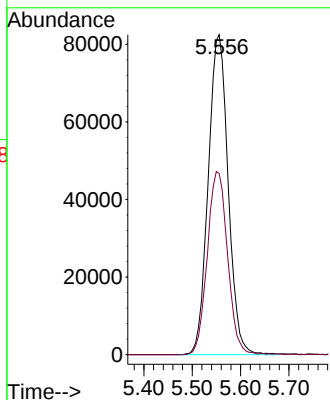
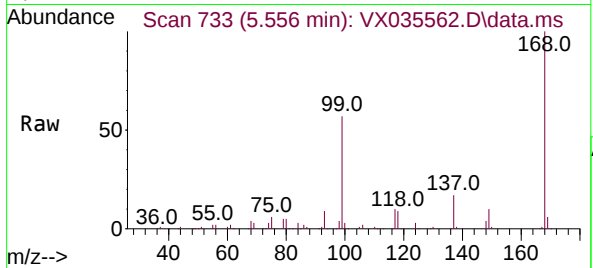




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035562.D
Acq: 08 May 2023 16:01

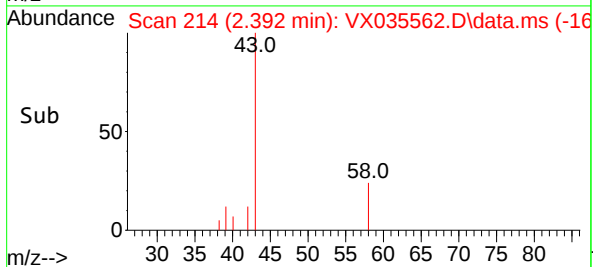
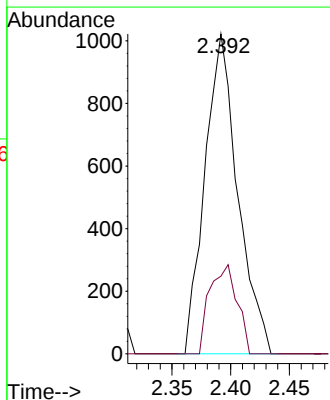
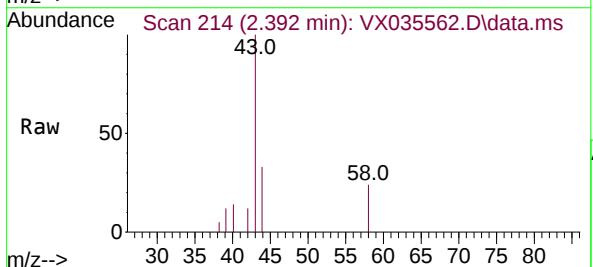
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

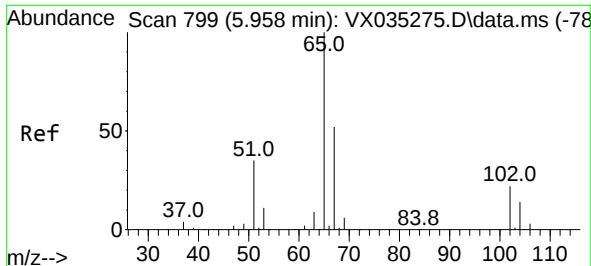
Tgt Ion:168 Resp: 235984
Ion Ratio Lower Upper
168 100
99 56.6 45.7 68.5



#16
Acetone
Concen: 1.607 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035562.D
Acq: 08 May 2023 16:01

Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
58 24.3 24.7 37.1#





#33

1,2-Dichloroethane-d4

Concen: 50.388 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035562.D

Acq: 08 May 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

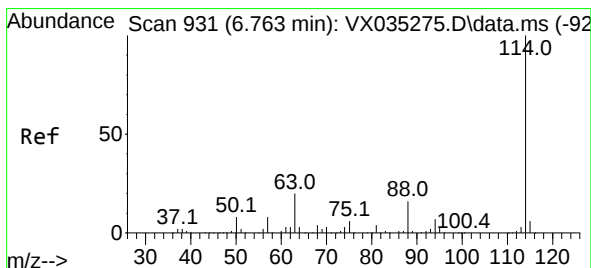
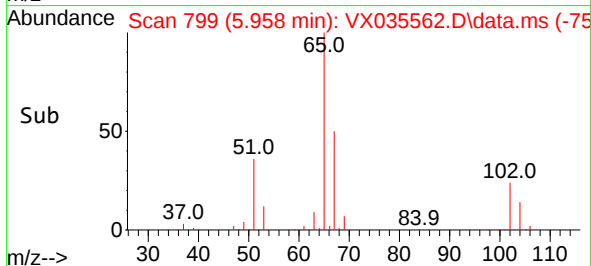
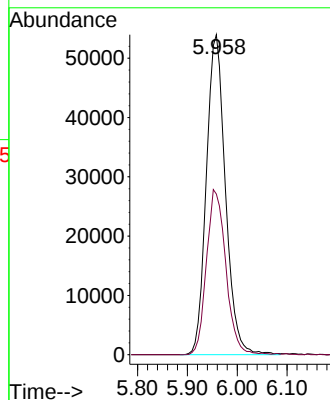
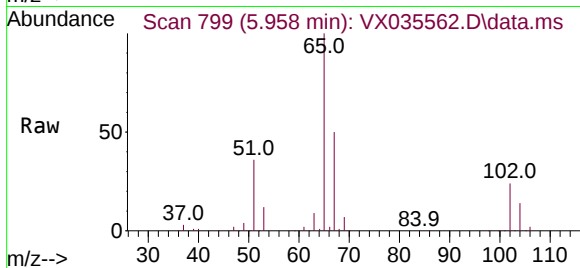
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 143454

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035562.D

Acq: 08 May 2023 16:01

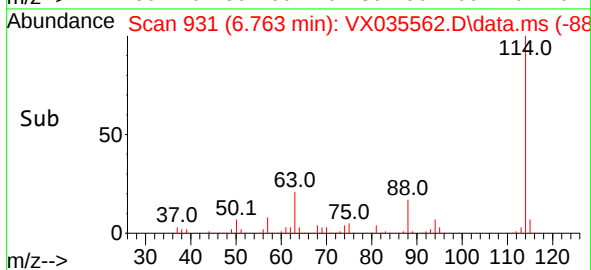
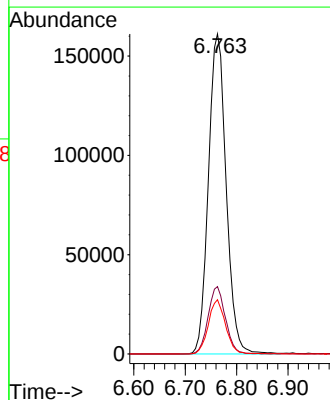
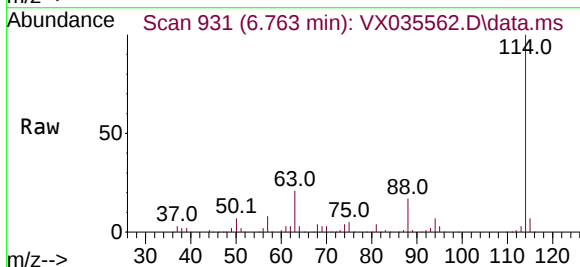
Tgt Ion: 114 Resp: 386721

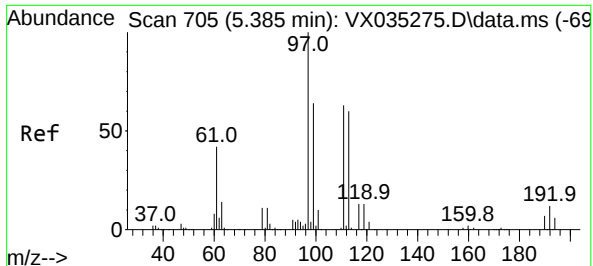
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.695 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035562.D

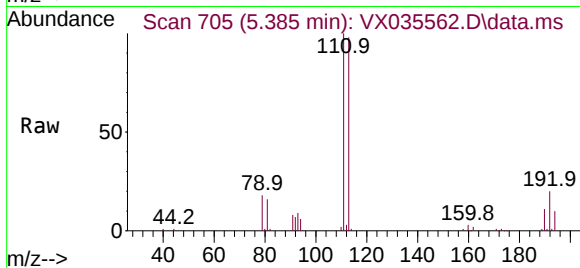
Acq: 08 May 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



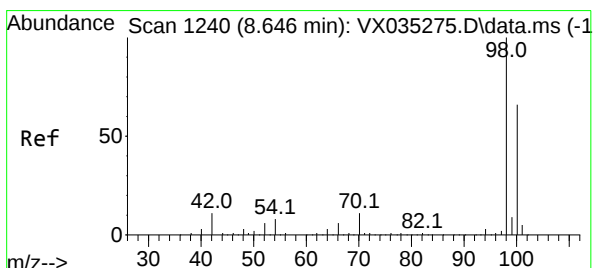
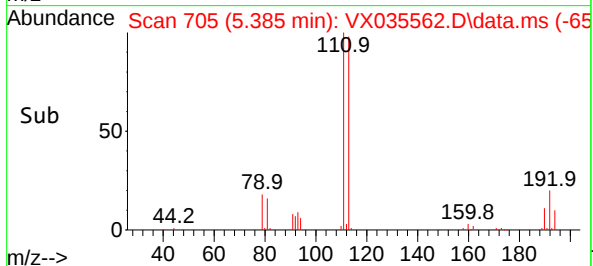
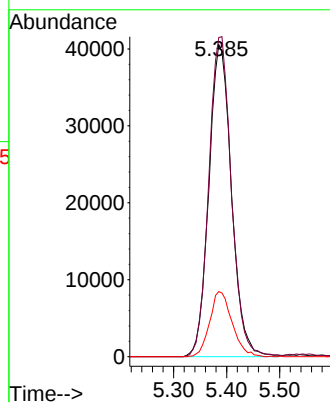
Tgt Ion:113 Resp: 120329

Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 20.7 15.4 23.2



#50

Toluene-d8

Concen: 50.805 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035562.D

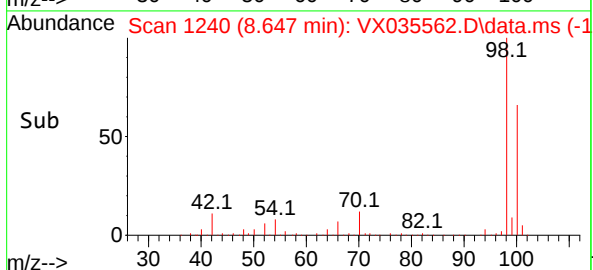
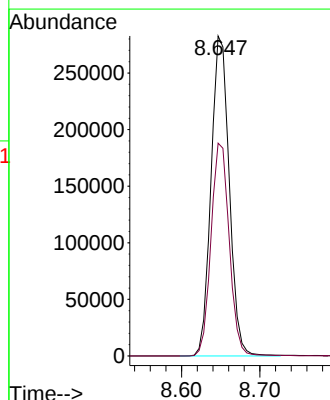
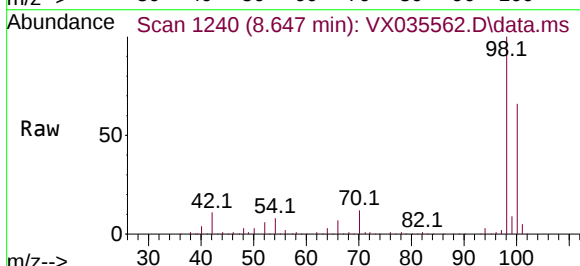
Acq: 08 May 2023 16:01

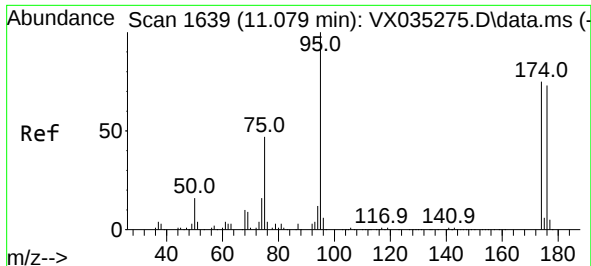
Tgt Ion: 98 Resp: 454908

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 52.507 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035562.D

Acq: 08 May 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

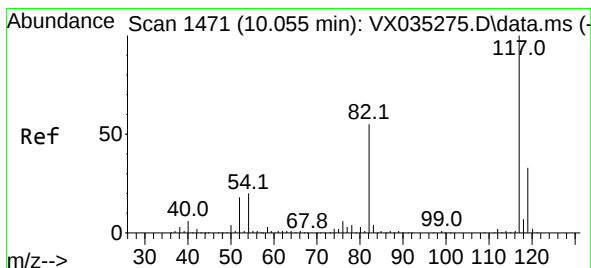
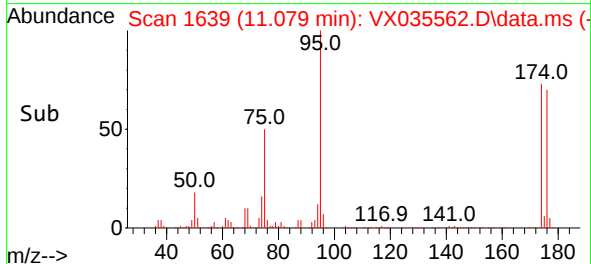
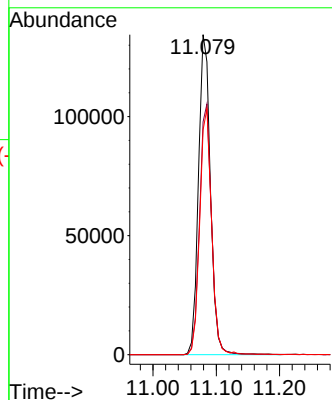
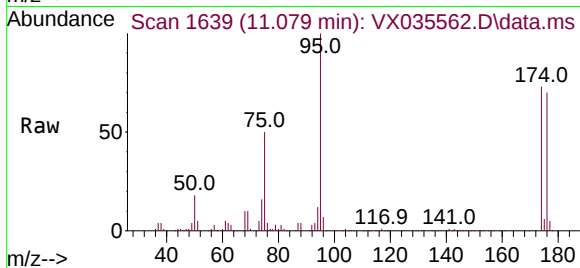
Tgt Ion: 95 Resp: 176858

Ion Ratio Lower Upper

95 100

174 78.6 0.0 147.4

176 76.5 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035562.D

Acq: 08 May 2023 16:01

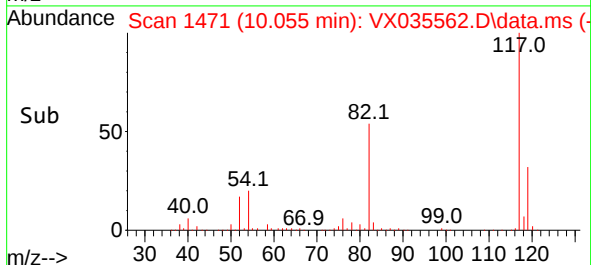
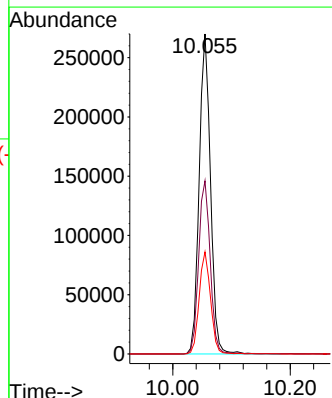
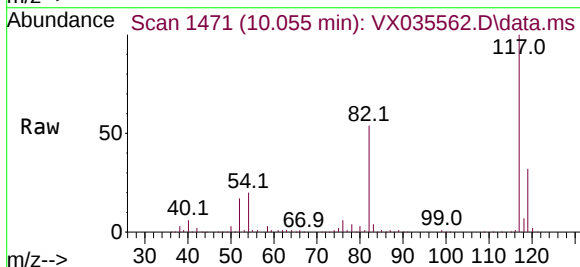
Tgt Ion: 117 Resp: 360827

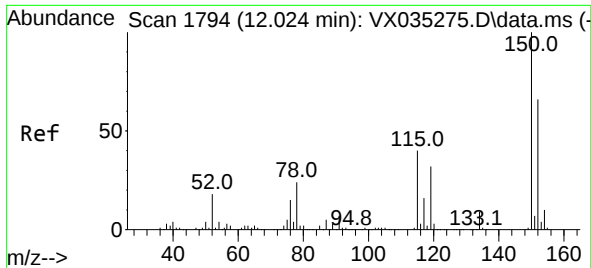
Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.4

119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035562.D

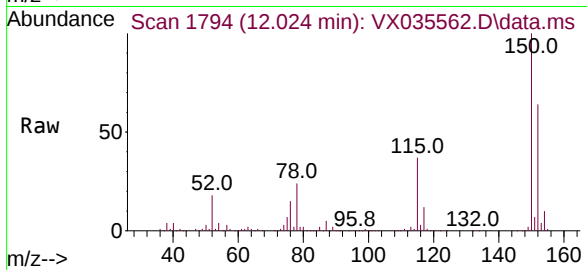
Acq: 08 May 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 171893

Ion Ratio Lower Upper

152 100

115 59.1 45.0 135.0

150 156.1 0.0 352.4

