

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034263.D
 Acq On : 24 Feb 2023 14:02
 Operator : JC/MD
 Sample : 01674-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 24 22:22:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

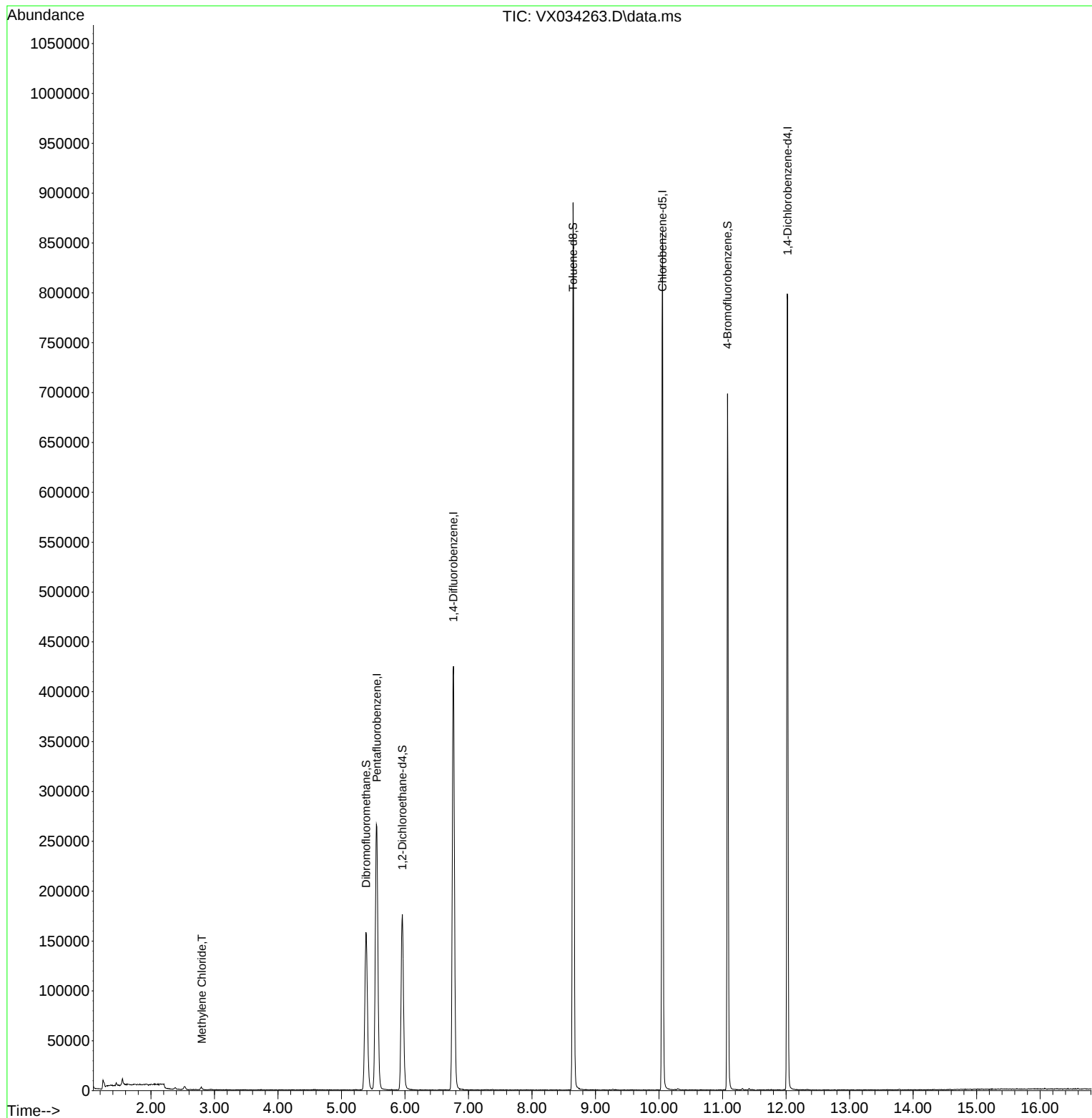
Internal Standards						
1) Pentafluorobenzene	5.556	168	272592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160750	43.787	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.580%
35) Dibromofluoromethane	5.385	113	138470	47.108	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.220%
50) Toluene-d8	8.647	98	530854	50.301	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.600%
62) 4-Bromofluorobenzene	11.079	95	181068	44.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.700%
Target Compounds						
20) Methylene Chloride	2.800	84	887	0.260	ug/l	# 83

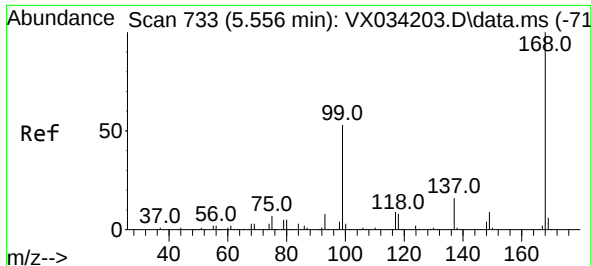
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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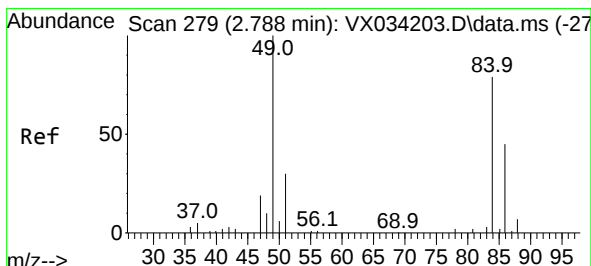
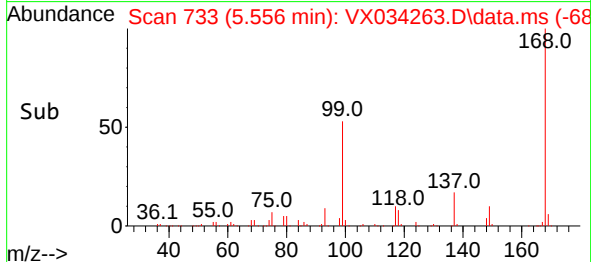
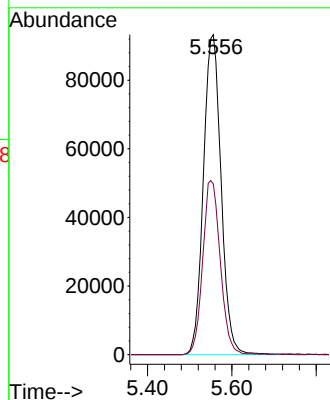
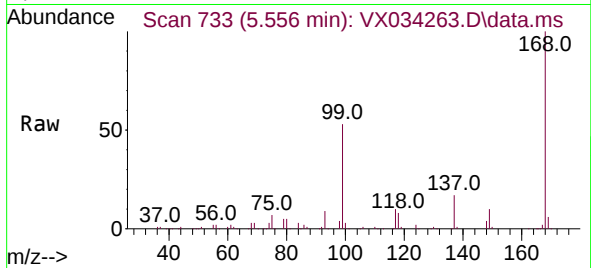




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

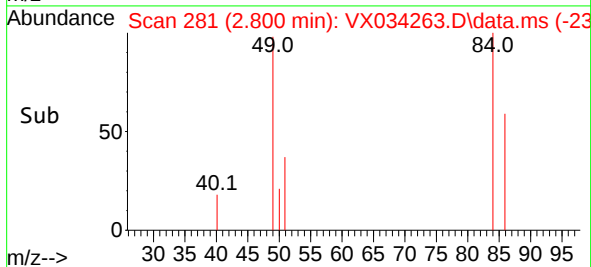
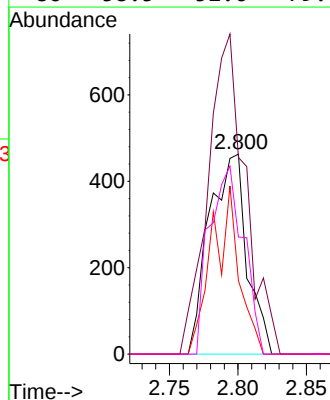
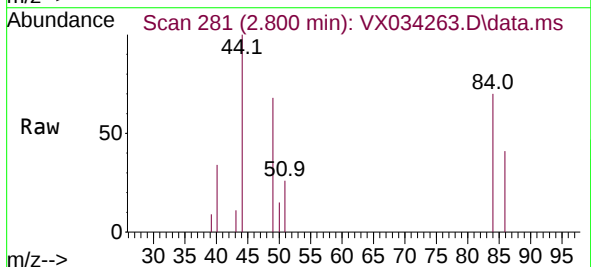
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

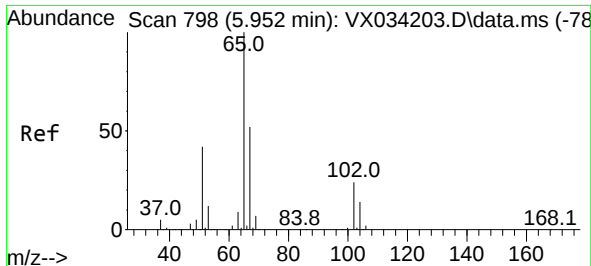
Tgt Ion:168 Resp: 272592
Ion Ratio Lower Upper
168 100
99 53.3 39.6 59.4



#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

Tgt Ion: 84 Resp: 887
Ion Ratio Lower Upper
84 100
49 98.3 101.1 151.7#
51 36.7 31.0 46.6
86 58.5 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 43.787 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034263.D

Acq: 24 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

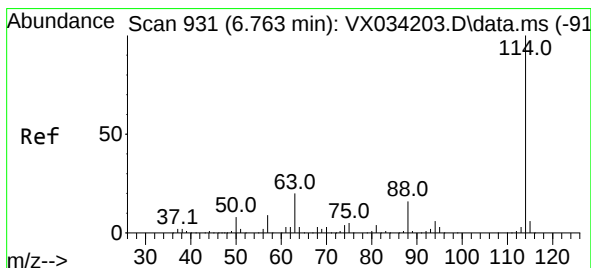
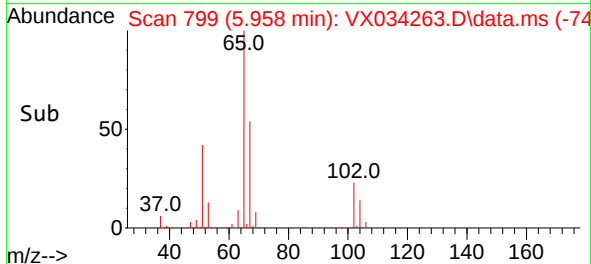
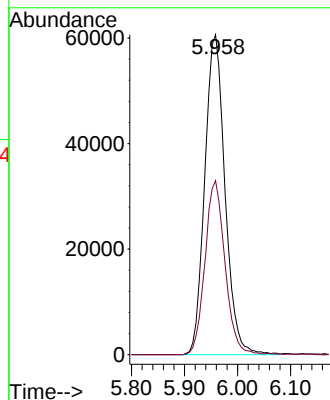
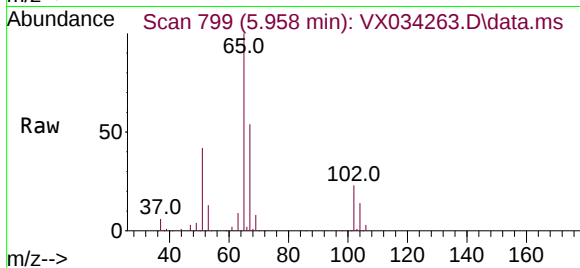
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 160750

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034263.D

Acq: 24 Feb 2023 14:02

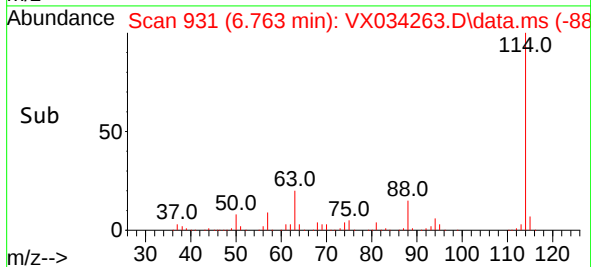
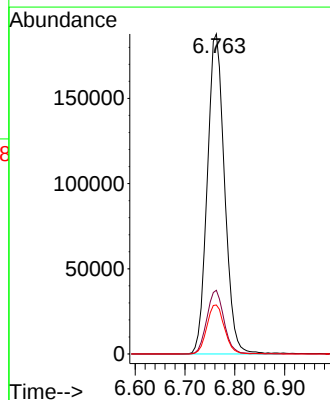
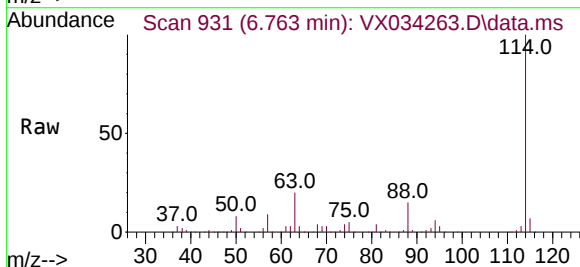
Tgt Ion: 114 Resp: 451454

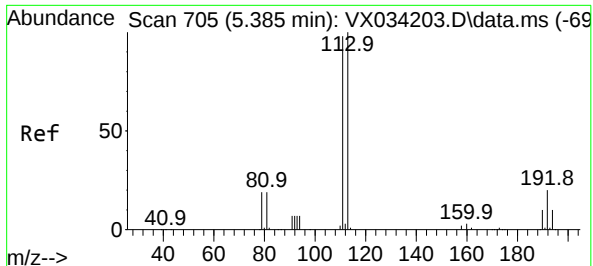
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.108 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034263.D

Acq: 24 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

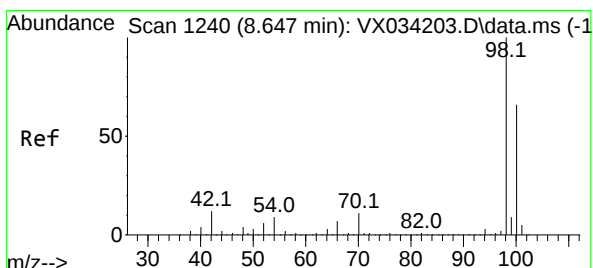
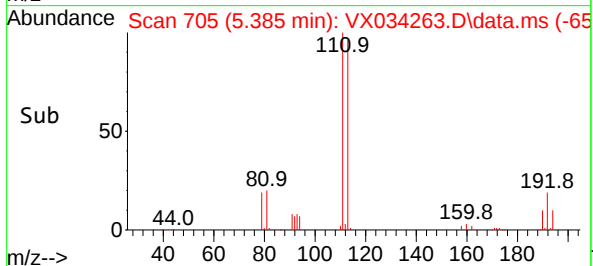
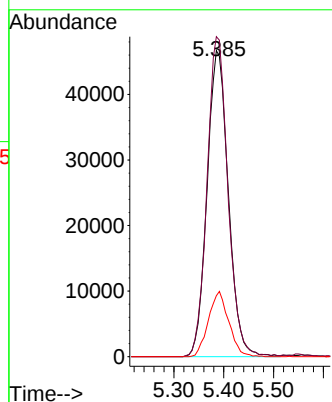
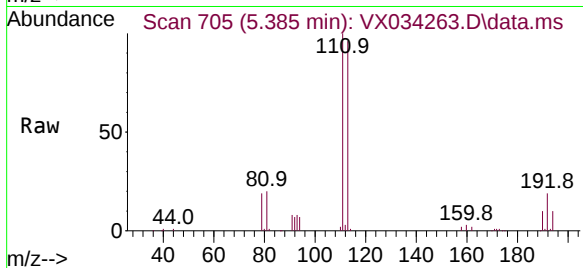
Tgt Ion:113 Resp: 138470

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

192 20.4 19.0 28.4



#50

Toluene-d8

Concen: 50.301 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034263.D

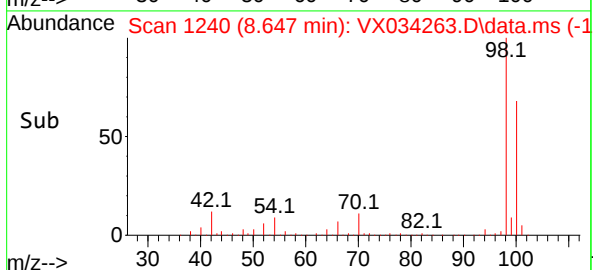
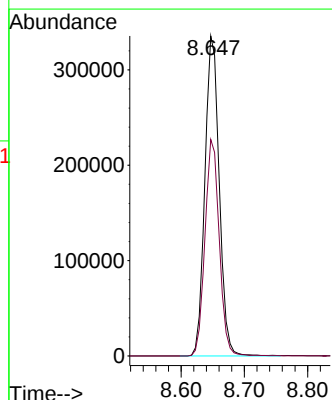
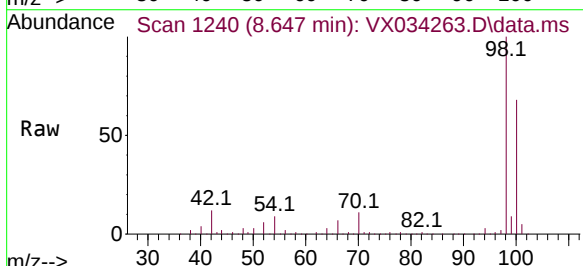
Acq: 24 Feb 2023 14:02

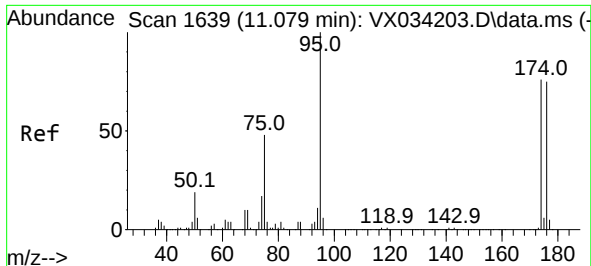
Tgt Ion: 98 Resp: 530854

Ion Ratio Lower Upper

98 100

100 67.5 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 44.855 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034263.D

Acq: 24 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

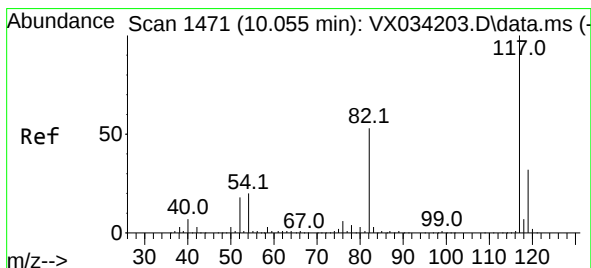
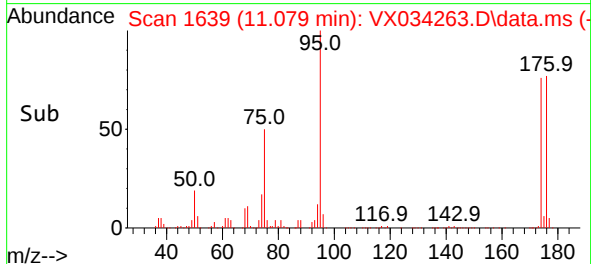
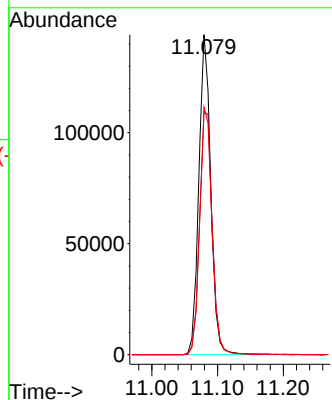
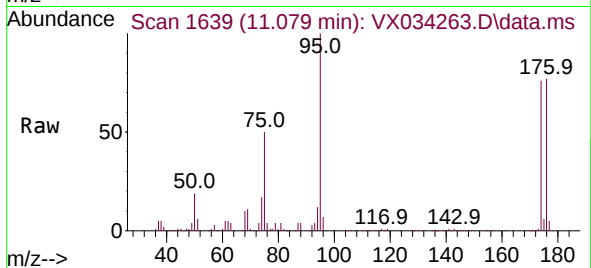
Tgt Ion: 95 Resp: 181068

Ion Ratio Lower Upper

95 100

174 81.3 0.0 184.4

176 79.6 0.0 178.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034263.D

Acq: 24 Feb 2023 14:02

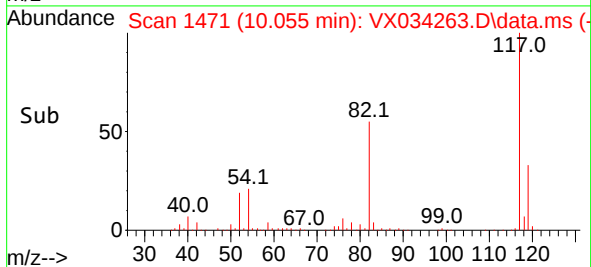
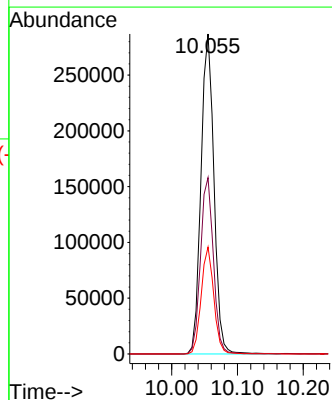
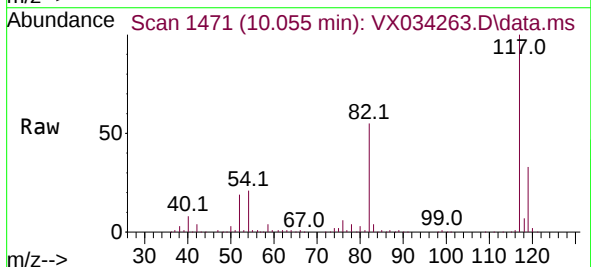
Tgt Ion: 117 Resp: 394134

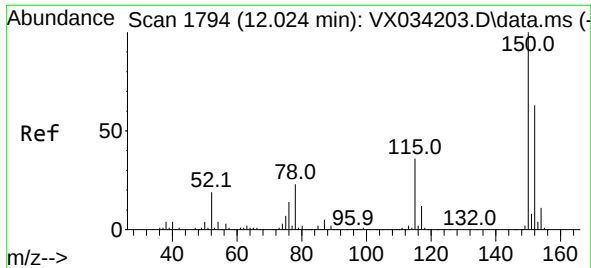
Ion Ratio Lower Upper

117 100

82 55.1 40.6 60.8

119 33.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034263.D

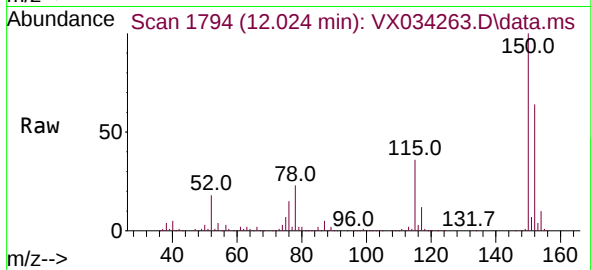
Acq: 24 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion:152 Resp: 174305

Ion Ratio Lower Upper

152 100

115 58.2 38.7 116.1

150 156.9 0.0 348.2

