

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031775.D
 Acq On : 29 Sep 2022 15:56
 Operator : JC/MD
 Sample : N4860-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Quant Time: Sep 30 04:33:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

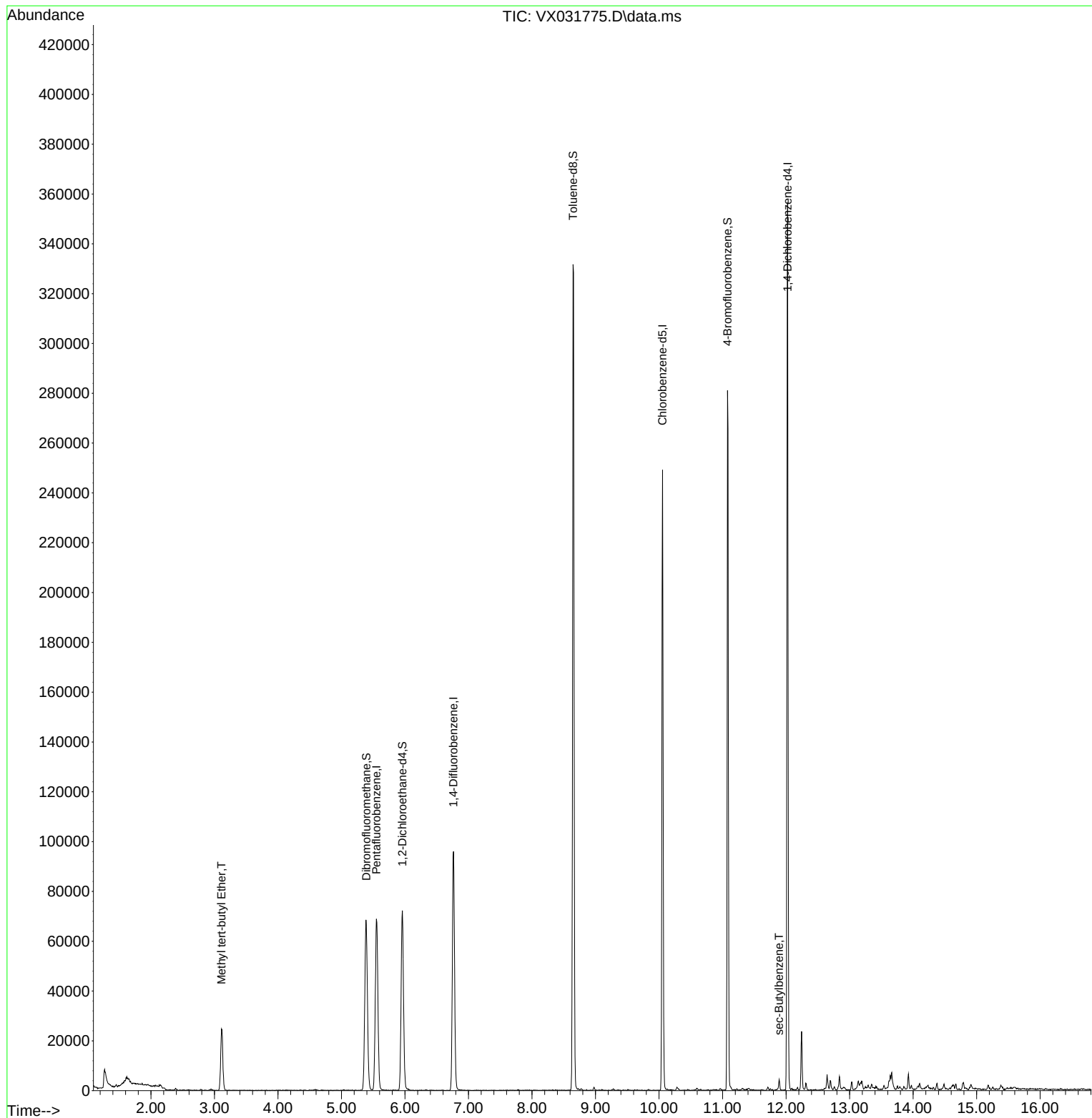
Internal Standards						
1) Pentafluorobenzene	5.550	168	66481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	103550	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68449	48.511	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.020%
35) Dibromofluoromethane	5.391	113	58313	47.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	8.647	98	203373	45.466	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.940%
62) 4-Bromofluorobenzene	11.079	95	72746	44.372	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.740%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	28626	9.121	ug/l	93
85) sec-Butylbenzene	11.890	105	2242	0.463	ug/l	96

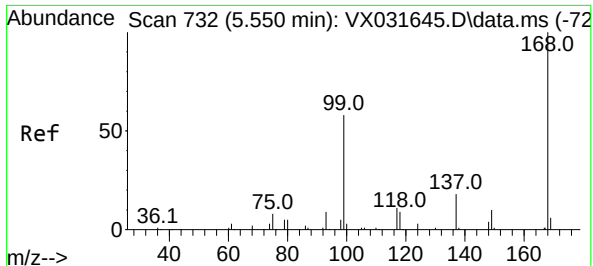
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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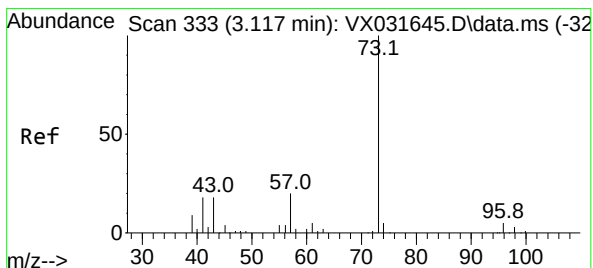
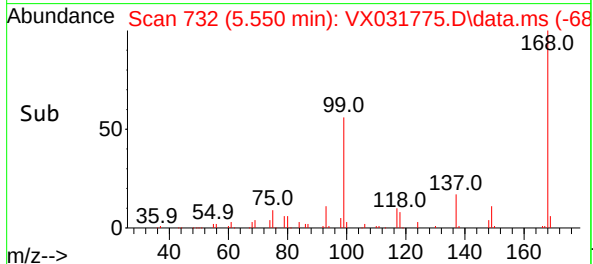
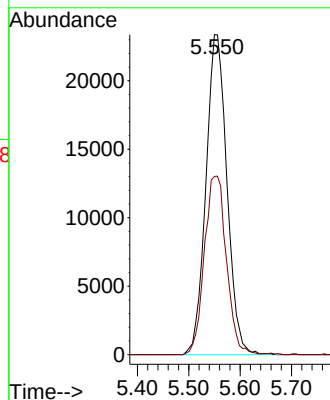
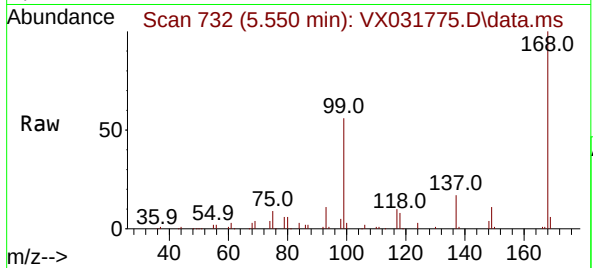




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

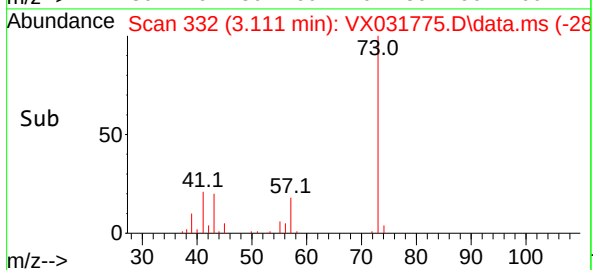
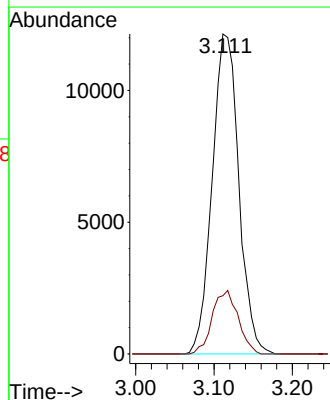
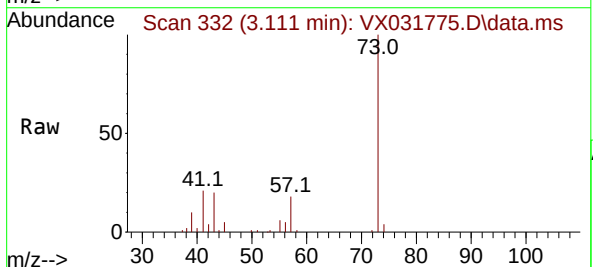
Instrument :
MSVOA_X
ClientSampleId :
MW-06

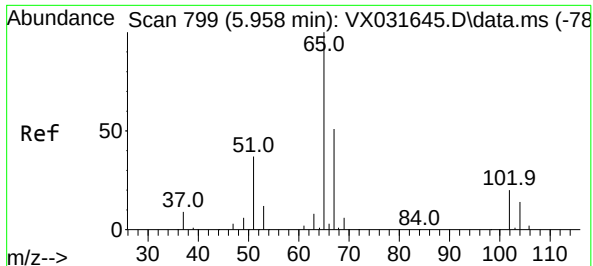
Tgt Ion:168 Resp: 66481
Ion Ratio Lower Upper
168 100
99 55.7 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 9.121 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031775.D
Acq: 29 Sep 2022 15:56

Tgt Ion: 73 Resp: 28626
Ion Ratio Lower Upper
73 100
57 18.2 17.2 25.8





#33

1,2-Dichloroethane-d4

Concen: 48.511 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

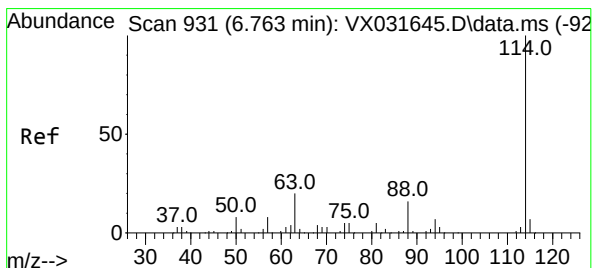
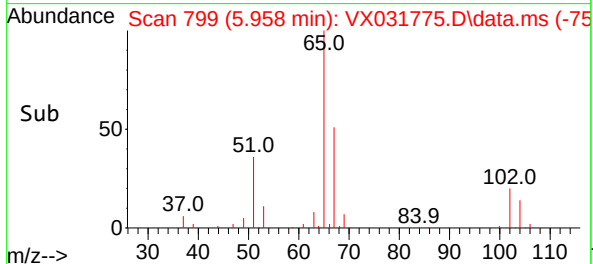
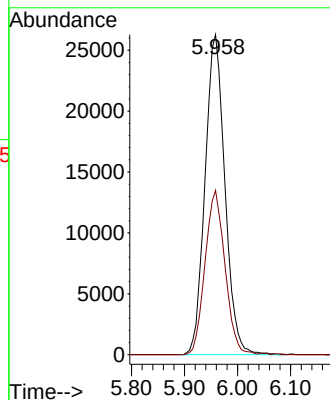
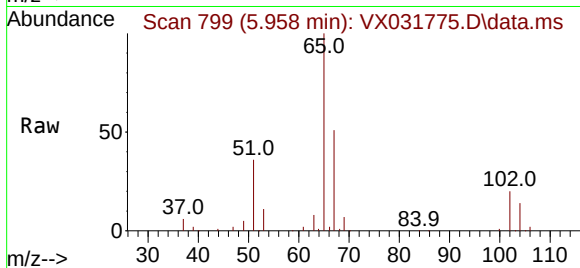
MW-06

Tgt Ion: 65 Resp: 68449

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

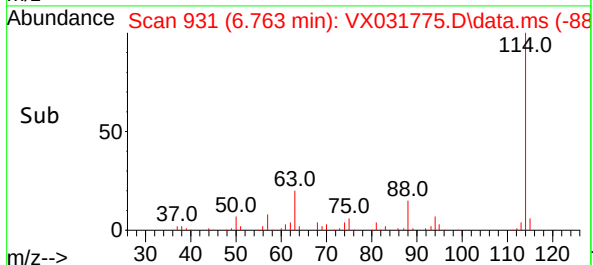
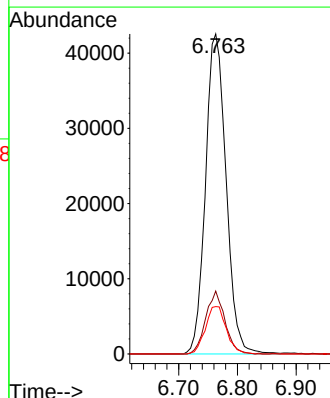
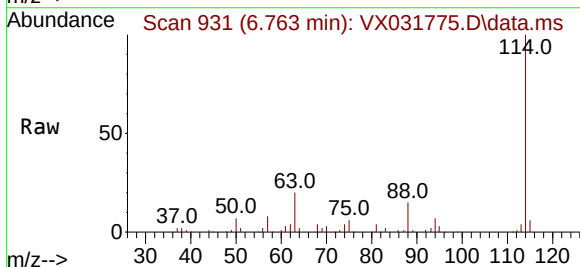
Tgt Ion: 114 Resp: 103550

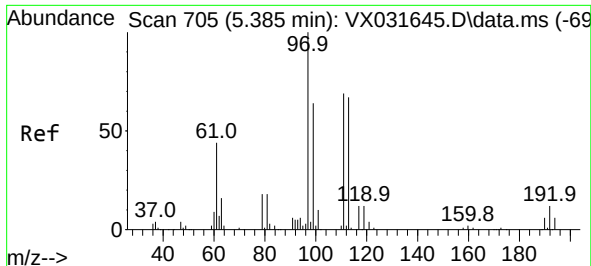
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 14.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.262 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

MW-06

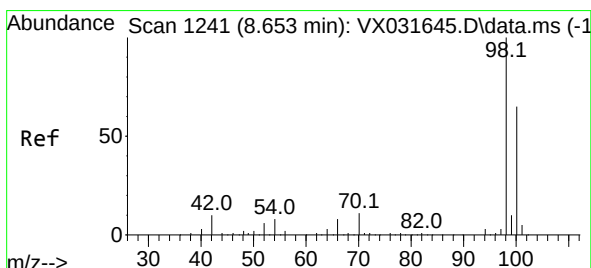
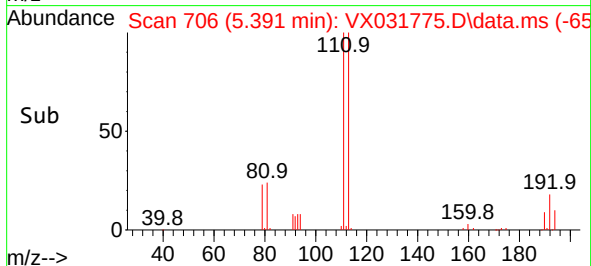
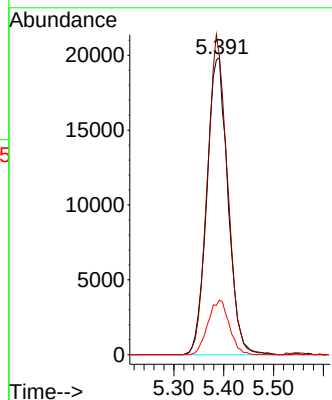
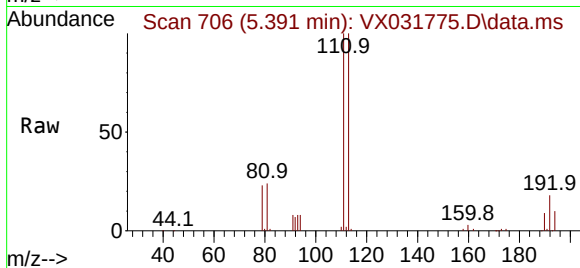
Tgt Ion:113 Resp: 58313

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 18.5 14.1 21.1



#50

Toluene-d8

Concen: 45.466 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031775.D

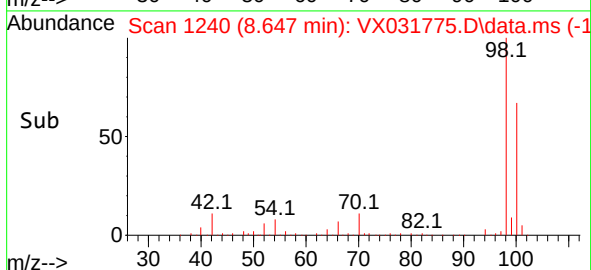
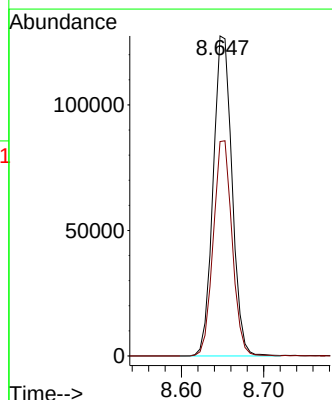
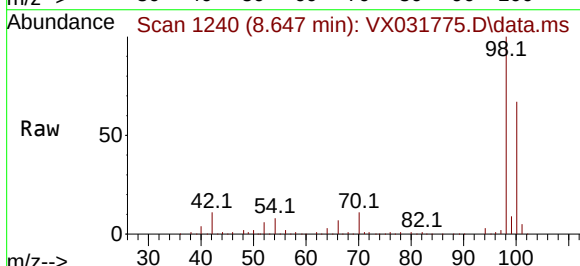
Acq: 29 Sep 2022 15:56

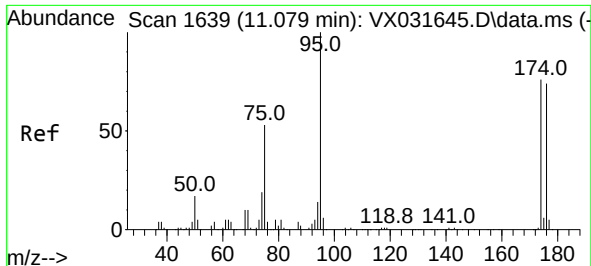
Tgt Ion: 98 Resp: 203373

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 44.372 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

MW-06

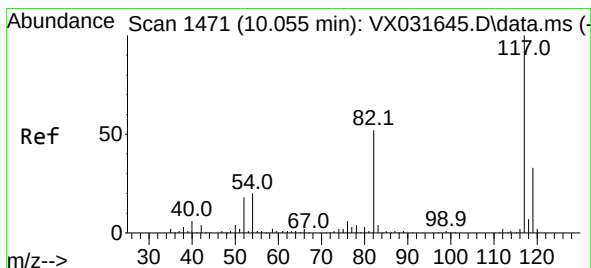
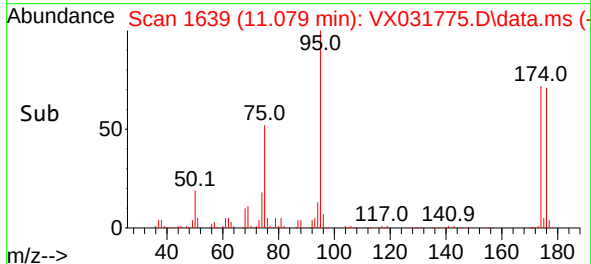
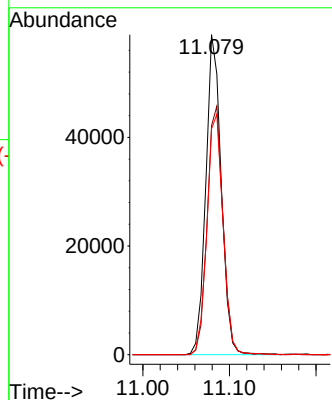
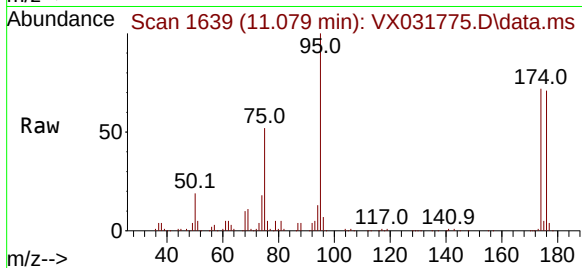
Tgt Ion: 95 Resp: 72746

Ion Ratio Lower Upper

95 100

174 79.8 0.0 153.2

176 78.7 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

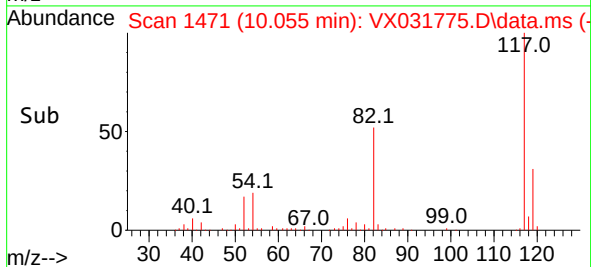
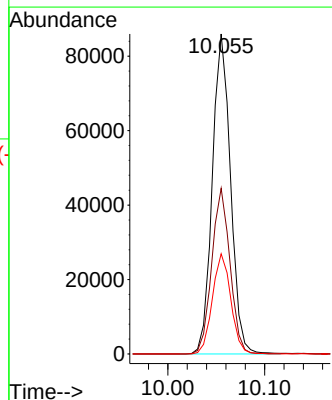
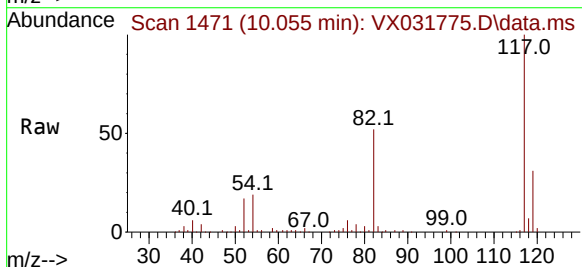
Tgt Ion: 117 Resp: 112490

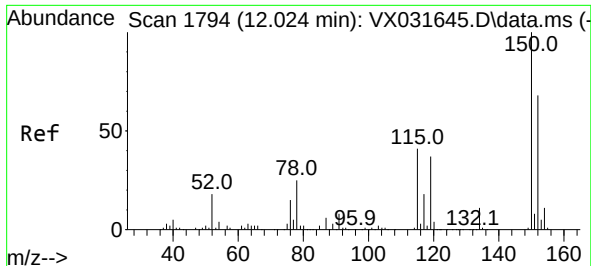
Ion Ratio Lower Upper

117 100

82 51.8 46.8 70.2

119 31.3 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

MW-06

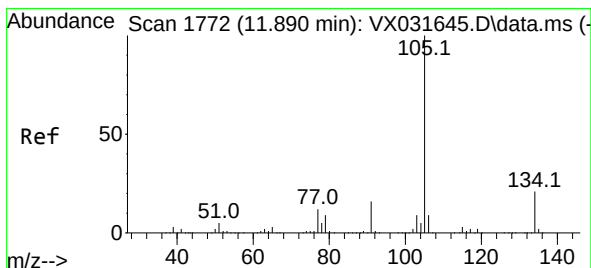
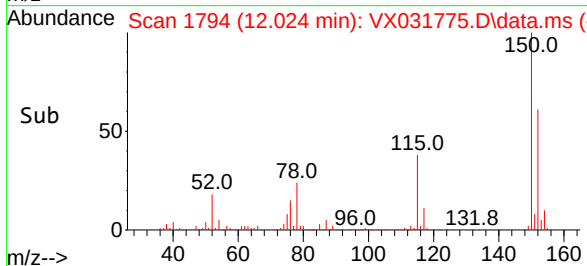
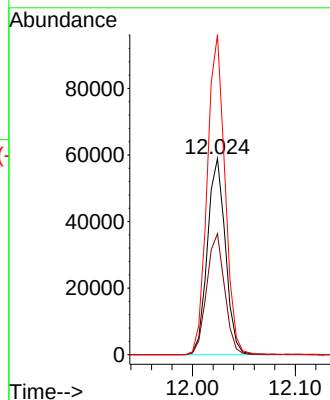
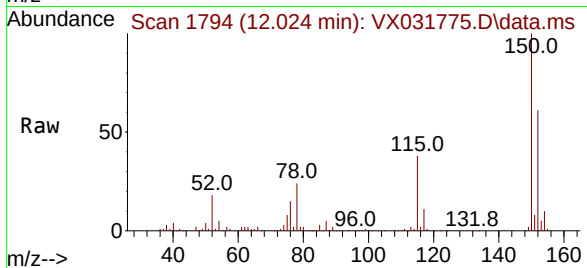
Tgt Ion:152 Resp: 72005

Ion Ratio Lower Upper

152 100

115 61.6 43.4 130.1

150 160.7 0.0 346.8



#85

sec-Butylbenzene

Concen: 0.463 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031775.D

Acq: 29 Sep 2022 15:56

Tgt Ion:105 Resp: 2242

Ion Ratio Lower Upper

105 100

134 19.0 10.4 31.1

