

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031751.D
 Acq On : 29 Sep 2022 01:46
 Operator : JC/MD
 Sample : N4863-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Sep 29 04:36:51 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)

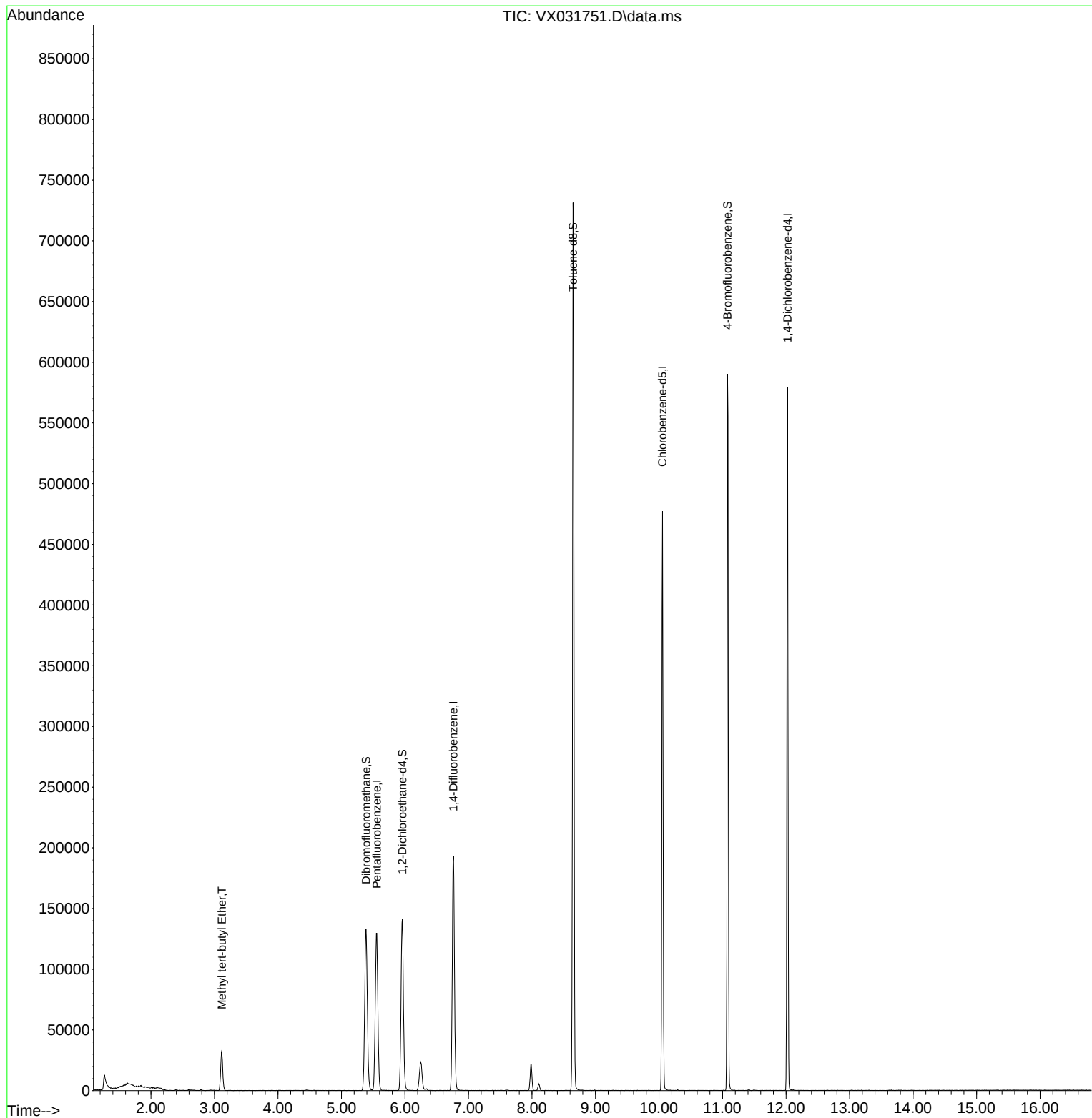
Internal Standards						
1) Pentafluorobenzene	5.556	168	121952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135796	52.465	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.920%
35) Dibromofluoromethane	5.385	113	111348	45.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.080%
50) Toluene-d8	8.647	98	438166	49.434	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.860%
62) 4-Bromofluorobenzene	11.079	95	148191	45.616	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	34709	6.029	ug/l	Qvalue 97

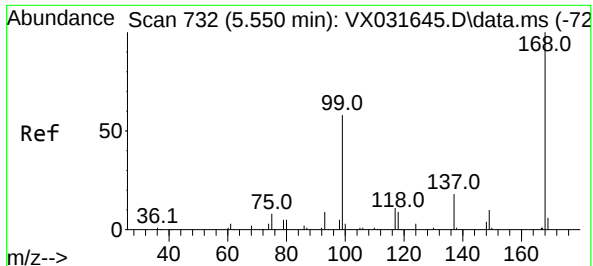
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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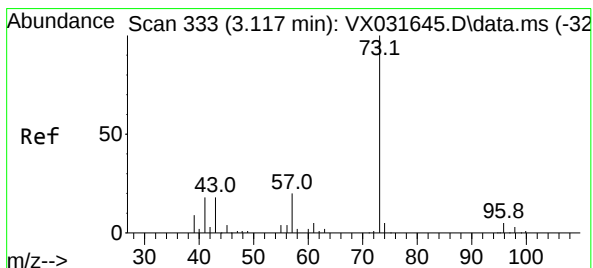
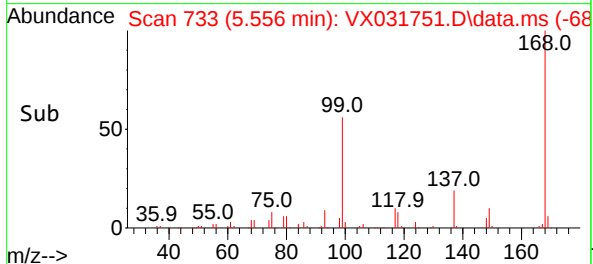
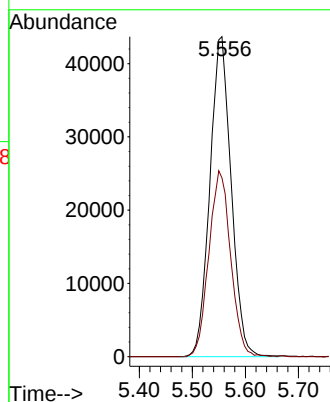
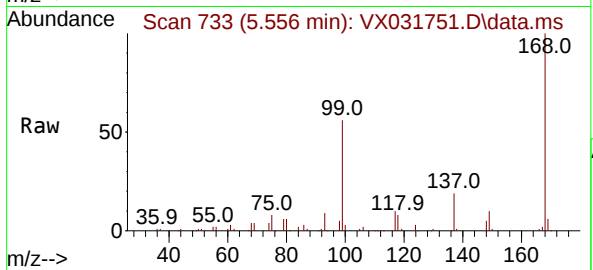




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX031751.D
Acq: 29 Sep 2022 01:46

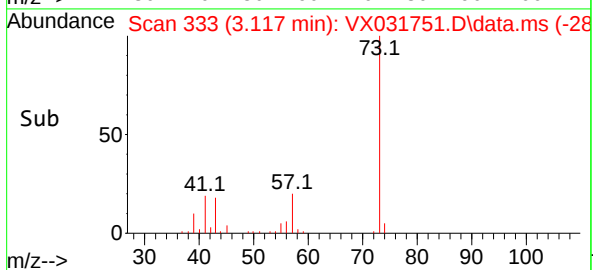
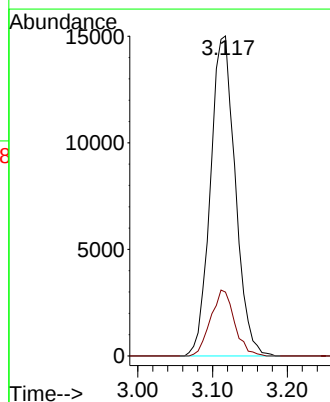
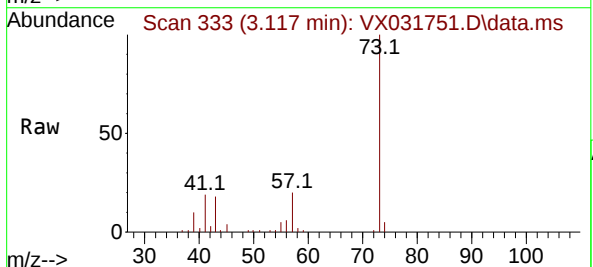
Instrument :
MSVOA_X
ClientSampleId :
MW-6

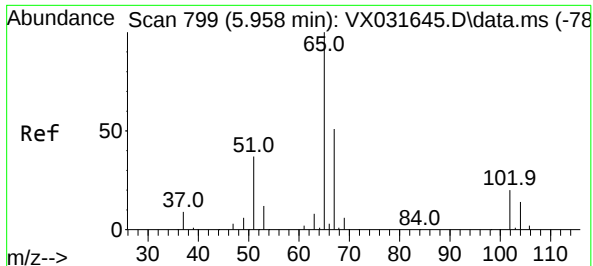
Tgt Ion:168 Resp: 121952
Ion Ratio Lower Upper
168 100
99 55.9 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 6.029 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031751.D
Acq: 29 Sep 2022 01:46

Tgt Ion: 73 Resp: 34709
Ion Ratio Lower Upper
73 100
57 20.0 17.2 25.8





#33

1,2-Dichloroethane-d4

Concen: 52.465 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031751.D

Acq: 29 Sep 2022 01:46

Instrument :

MSVOA_X

ClientSampleId :

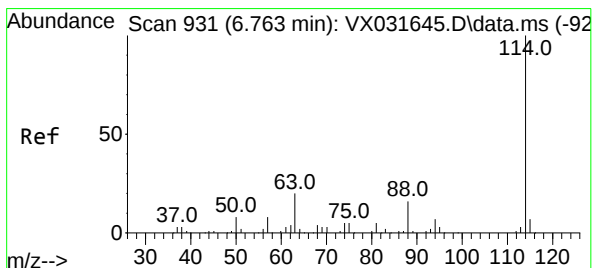
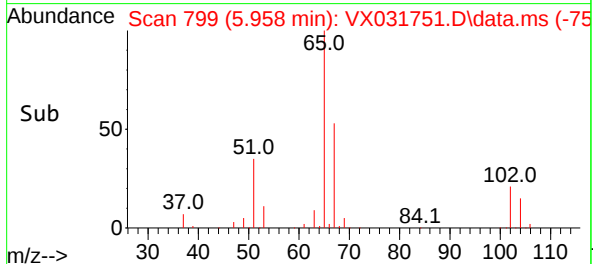
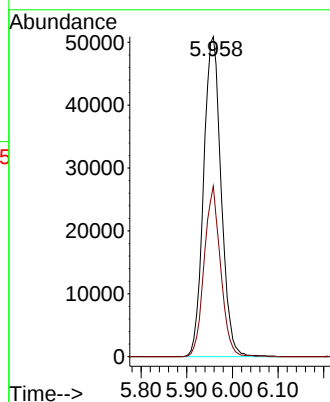
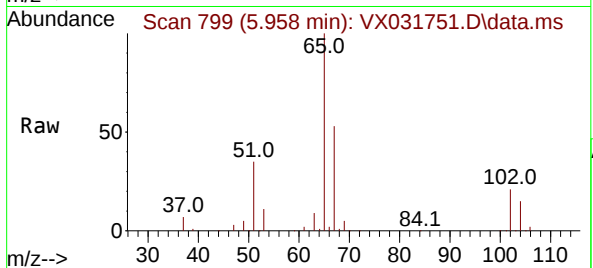
MW-6

Tgt Ion: 65 Resp: 135796

Ion Ratio Lower Upper

65 100

67 49.9 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: VX031751.D

Acq: 29 Sep 2022 01:46

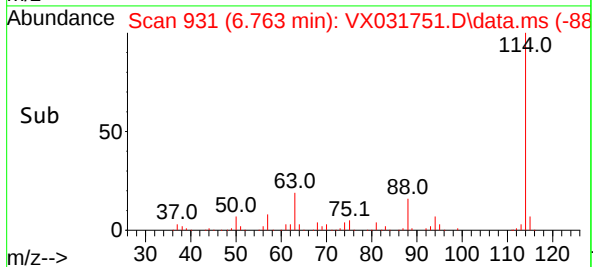
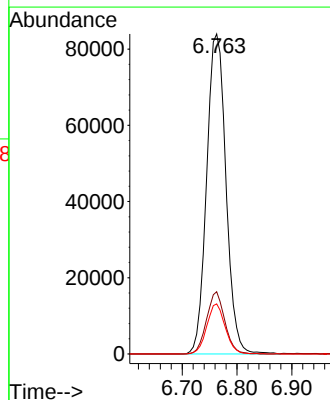
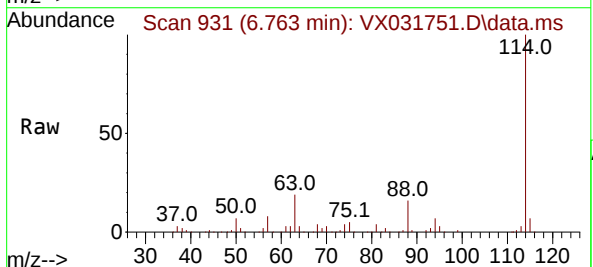
Tgt Ion: 114 Resp: 205187

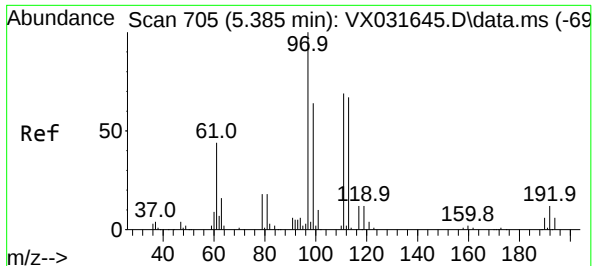
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.544 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031751.D

Acq: 29 Sep 2022 01:46

Instrument :

MSVOA_X

ClientSampleId :

MW-6

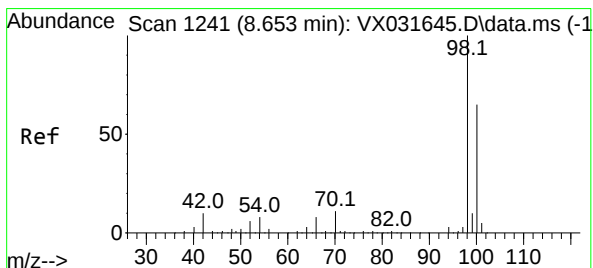
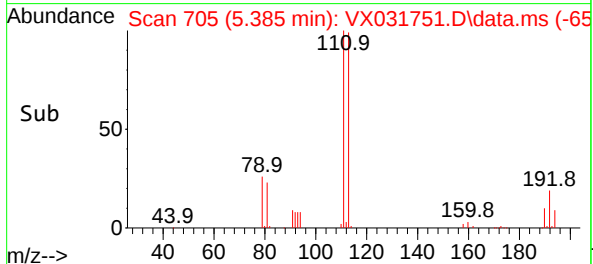
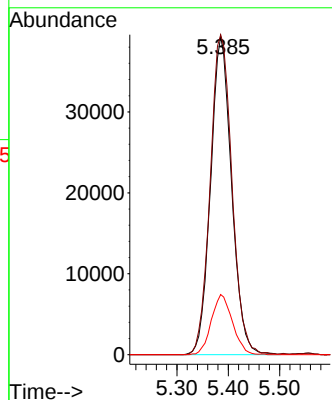
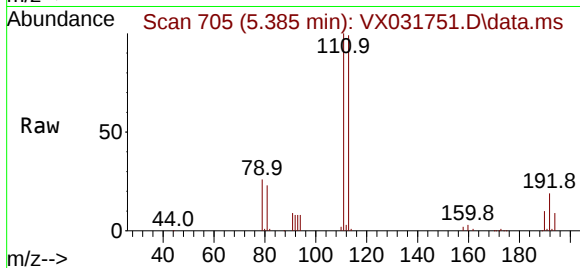
Tgt Ion:113 Resp: 111348

Ion Ratio Lower Upper

113 100

111 104.5 82.4 123.6

192 19.1 14.1 21.1



#50

Toluene-d8

Concen: 49.434 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031751.D

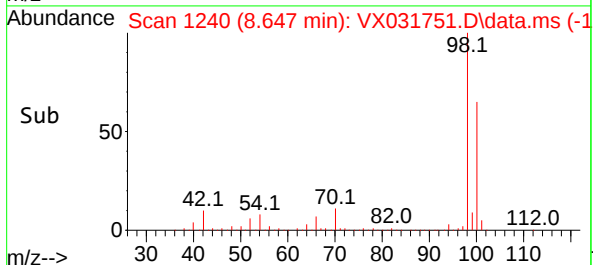
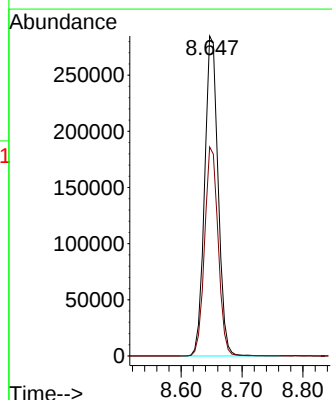
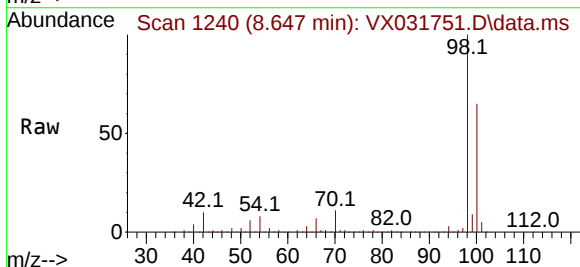
Acq: 29 Sep 2022 01:46

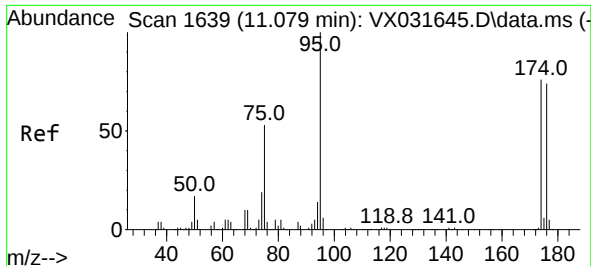
Tgt Ion: 98 Resp: 438166

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 45.616 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031751.D

Acq: 29 Sep 2022 01:46

Instrument :

MSVOA_X

ClientSampleId :

MW-6

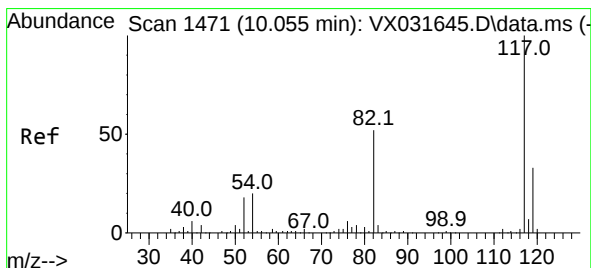
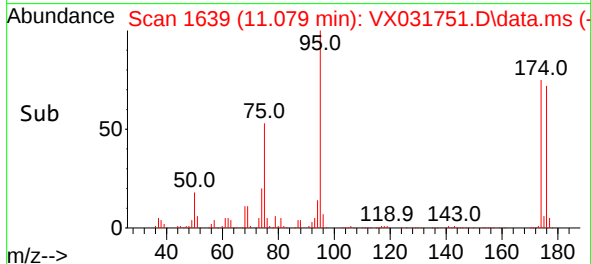
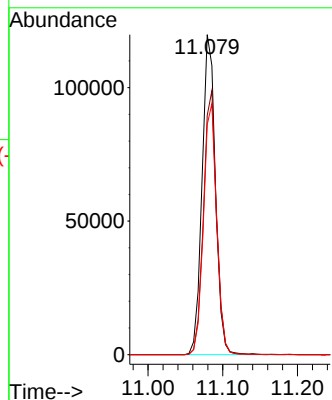
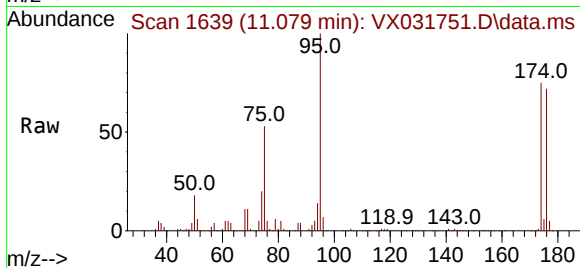
Tgt Ion: 95 Resp: 148191

Ion Ratio Lower Upper

95 100

174 81.2 0.0 153.2

176 77.9 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: VX031751.D

Acq: 29 Sep 2022 01:46

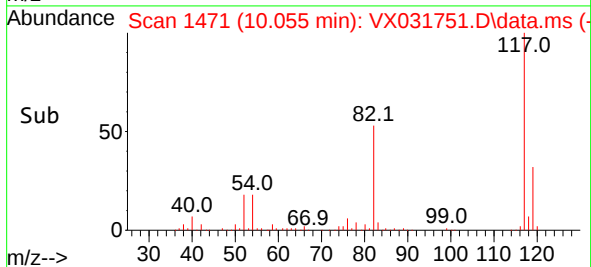
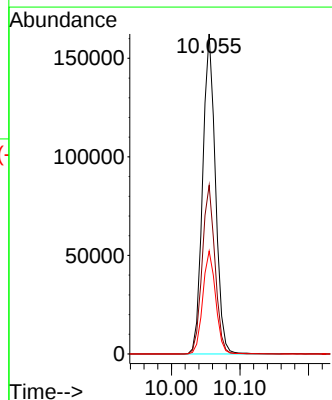
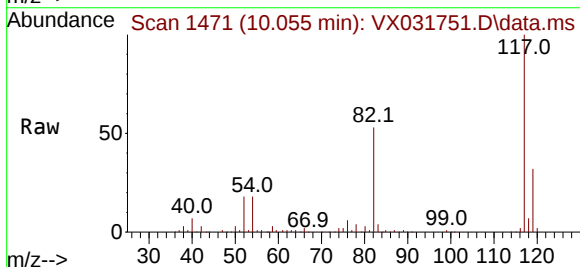
Tgt Ion: 117 Resp: 211097

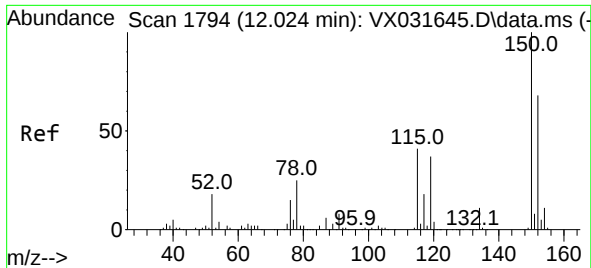
Ion Ratio Lower Upper

117 100

82 52.7 46.8 70.2

119 32.1 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031751.D

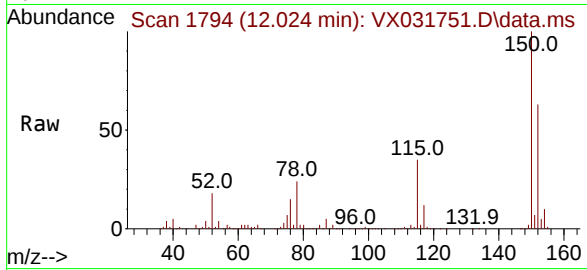
Acq: 29 Sep 2022 01:46

Instrument :

MSVOA_X

ClientSampleId :

MW-6



Tgt Ion:152 Resp: 116478

Ion Ratio Lower Upper

152 100

115 59.1 43.4 130.1

150 159.3 0.0 346.8

