

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031752.D
 Acq On : 29 Sep 2022 02:10
 Operator : JC/MD
 Sample : N4863-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Sep 29 04:37:01 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)

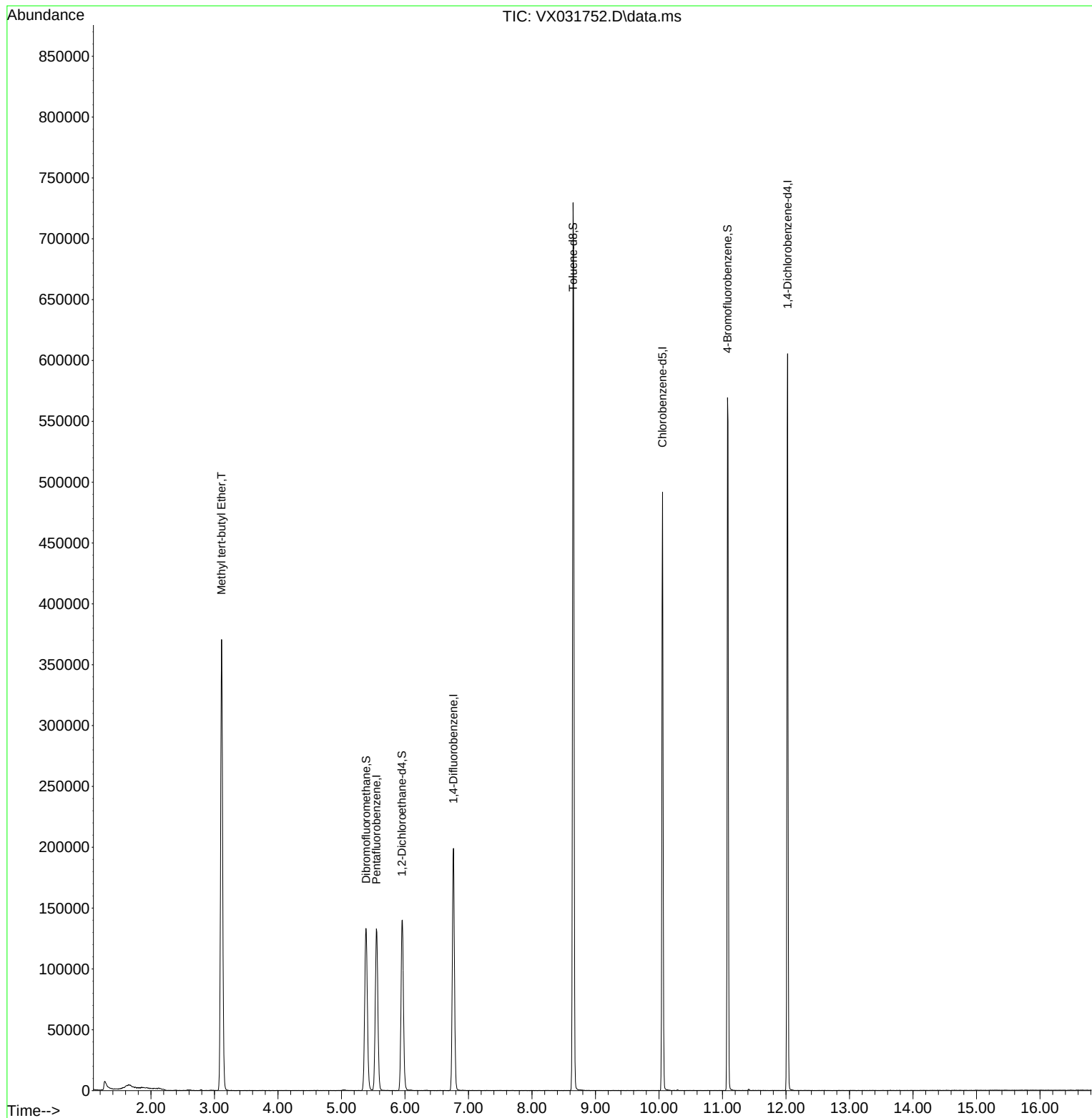
Internal Standards						
1) Pentafluorobenzene	5.550	168	125287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	135357	50.903	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.800%
35) Dibromofluoromethane	5.385	113	113596	46.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	8.647	98	434169	48.988	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	146062	44.965	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.920%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	416526	70.427	ug/l	Qvalue 98

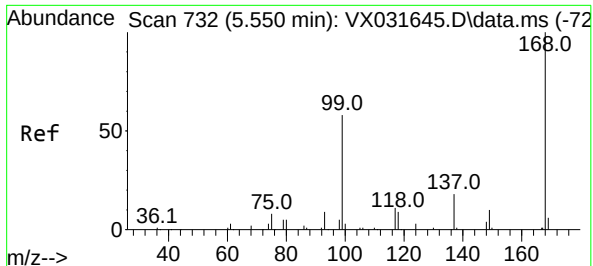
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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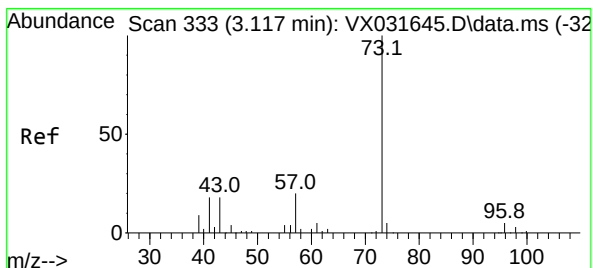
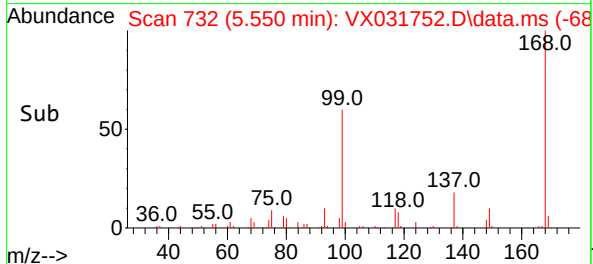
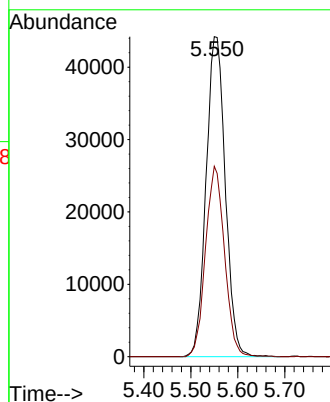
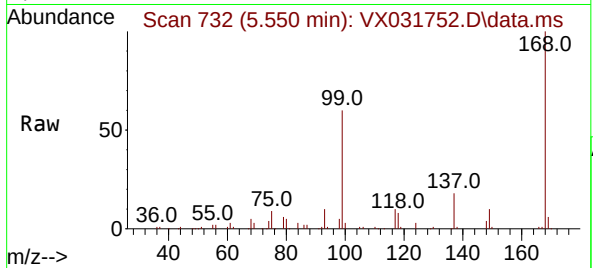




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031752.D
Acq: 29 Sep 2022 02:10

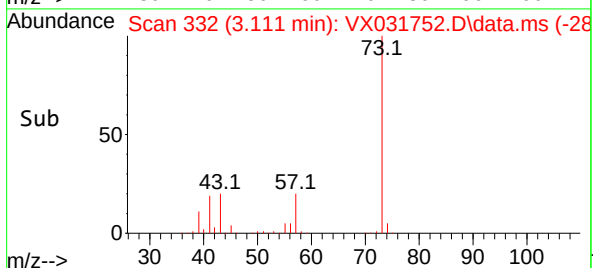
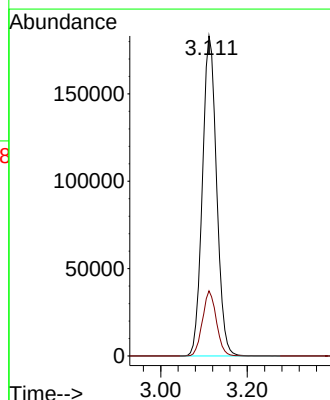
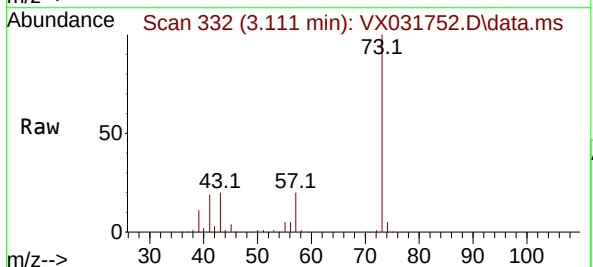
Instrument :
MSVOA_X
ClientSampleId :
MW-4

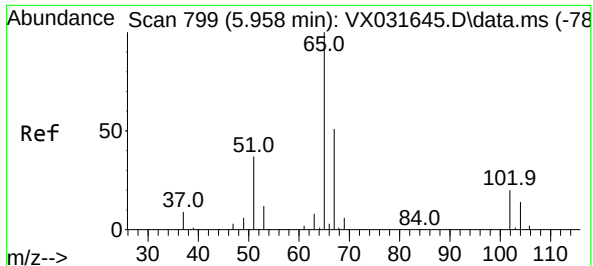
Tgt Ion:168 Resp: 125287
Ion Ratio Lower Upper
168 100
99 59.5 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 70.427 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031752.D
Acq: 29 Sep 2022 02:10

Tgt Ion: 73 Resp: 416526
Ion Ratio Lower Upper
73 100
57 20.4 17.2 25.8





#33

1,2-Dichloroethane-d4

Concen: 50.903 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031752.D

Acq: 29 Sep 2022 02:10

Instrument :

MSVOA_X

ClientSampleId :

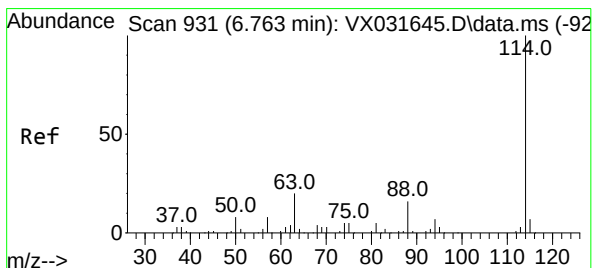
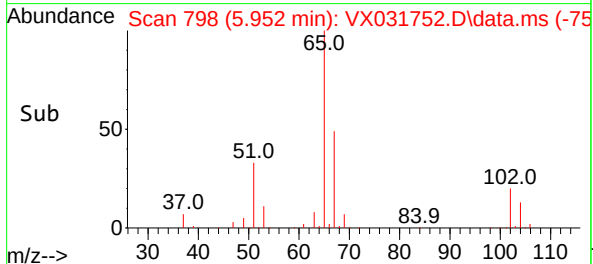
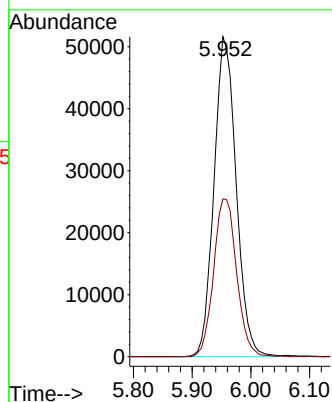
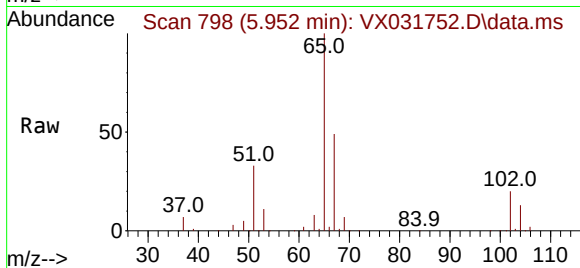
MW-4

Tgt Ion: 65 Resp: 135357

Ion Ratio Lower Upper

65 100

67 51.2 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: VX031752.D

Acq: 29 Sep 2022 02:10

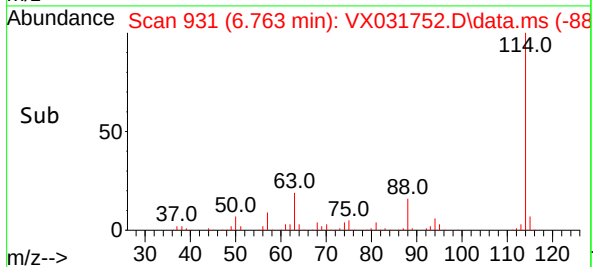
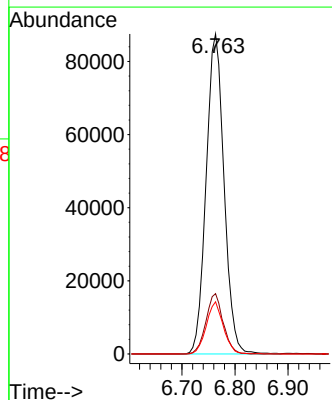
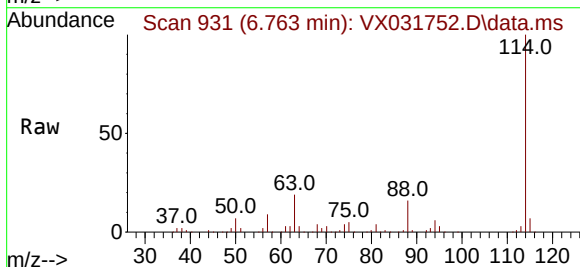
Tgt Ion: 114 Resp: 205168

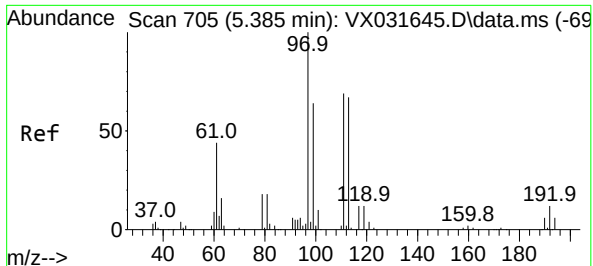
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.6

88 16.3 0.0 33.0

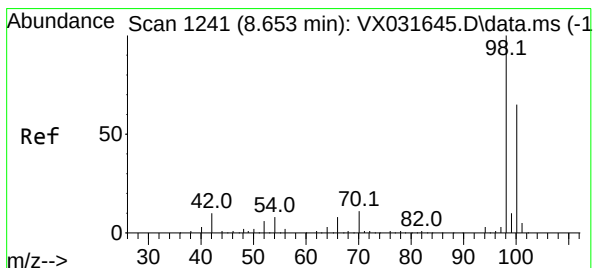
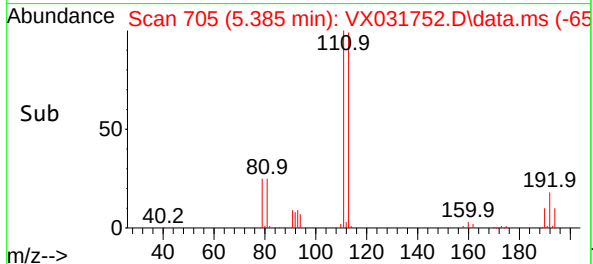
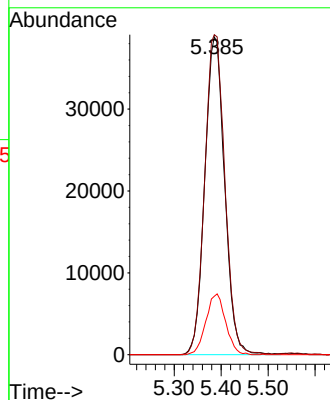
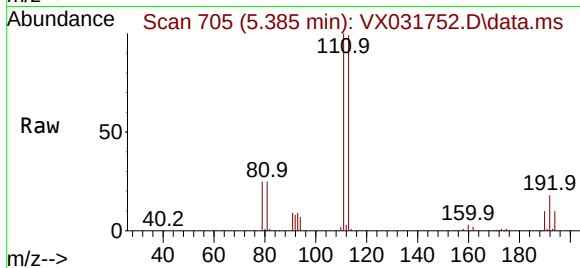




#35
Dibromofluoromethane
Concen: 46.468 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031752.D
Acq: 29 Sep 2022 02:10

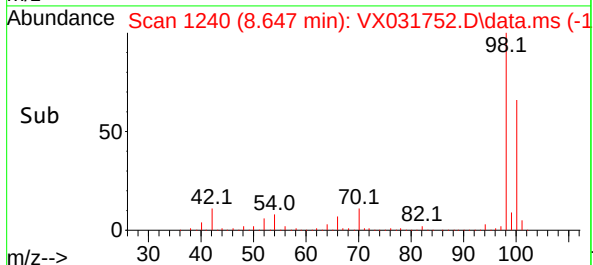
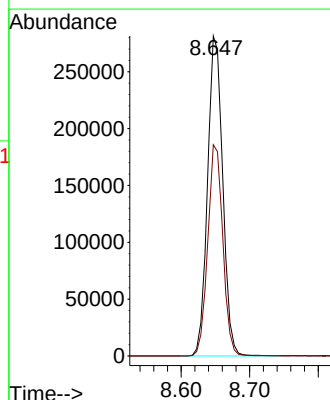
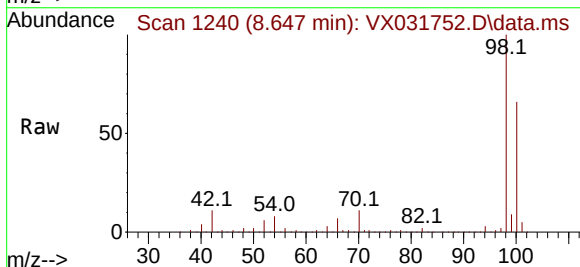
Instrument :
MSVOA_X
ClientSampleId :
MW-4

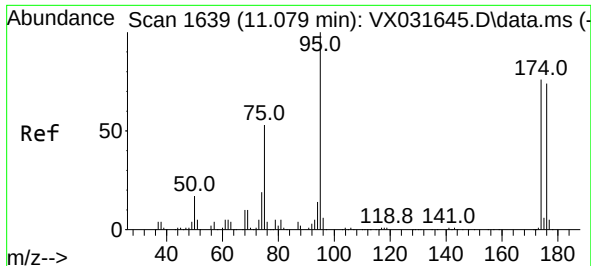
Tgt Ion:113 Resp: 113596
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.0 14.1 21.1



#50
Toluene-d8
Concen: 48.988 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031752.D
Acq: 29 Sep 2022 02:10

Tgt Ion: 98 Resp: 434169
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 44.965 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031752.D

Acq: 29 Sep 2022 02:10

Instrument :

MSVOA_X

ClientSampleId :

MW-4

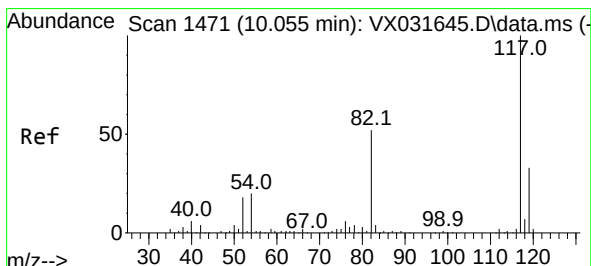
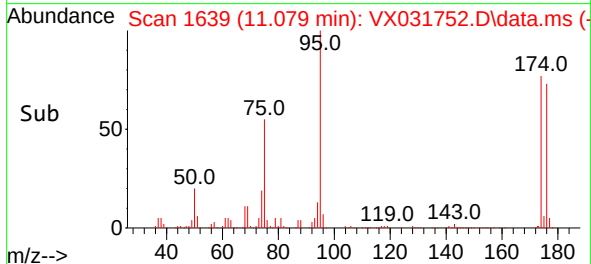
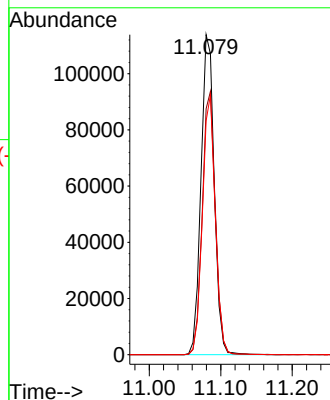
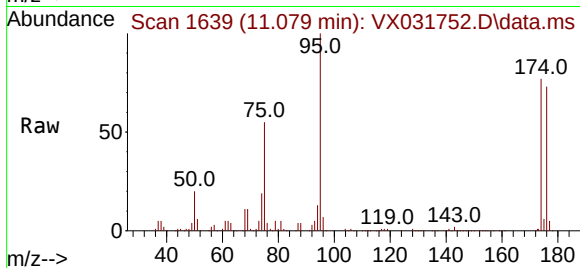
Tgt Ion: 95 Resp: 146062

Ion Ratio Lower Upper

95 100

174 81.6 0.0 153.2

176 79.1 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: VX031752.D

Acq: 29 Sep 2022 02:10

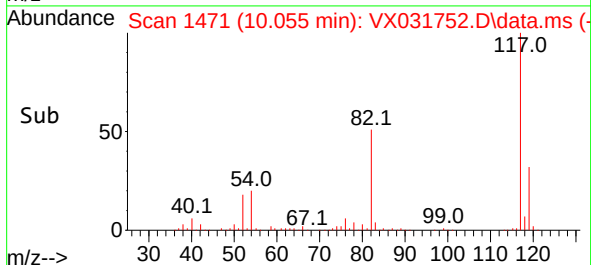
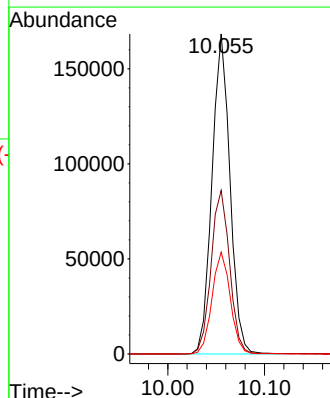
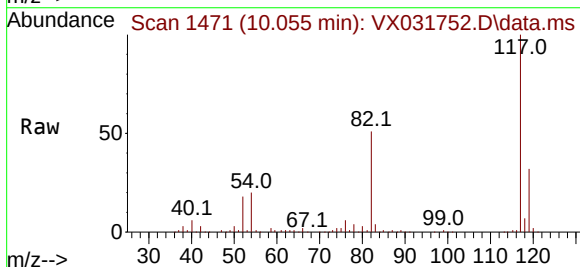
Tgt Ion: 117 Resp: 217365

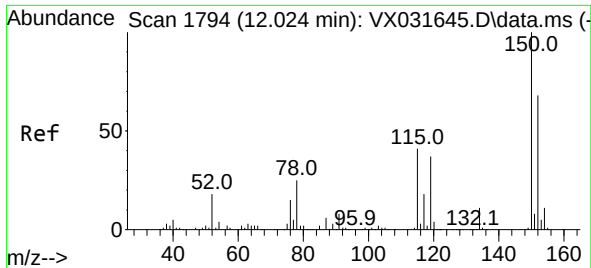
Ion Ratio Lower Upper

117 100

82 51.1 46.8 70.2

119 31.8 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: VX031752.D

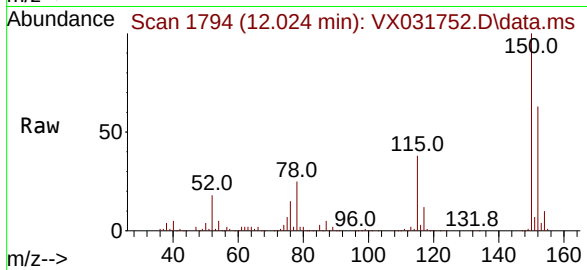
Acq: 29 Sep 2022 02:10

Instrument :

MSVOA_X

ClientSampleId :

MW-4



Tgt Ion:152 Resp: 122191

Ion Ratio Lower Upper

152 100

115 59.5 43.4 130.1

150 156.0 0.0 346.8

