

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033291.D
 Acq On : 07 Dec 2022 19:09
 Operator : JC/MD
 Sample : N5875-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-40

Quant Time: Dec 08 01:43:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

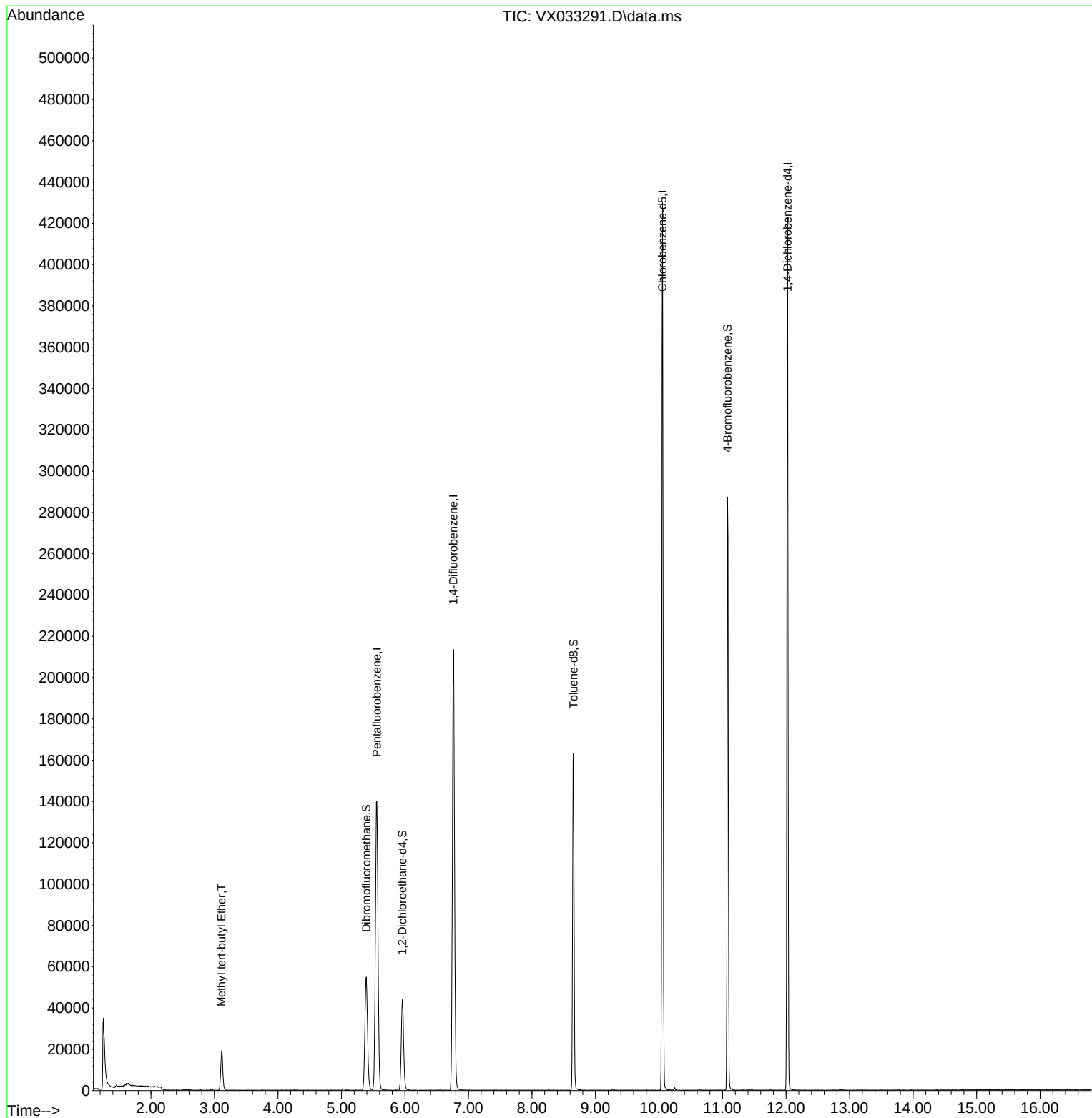
Internal Standards						
1) Pentafluorobenzene	5.556	168	134611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219007	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43847	50.774	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.540%
35) Dibromofluoromethane	5.391	113	47926	48.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.300%
50) Toluene-d8	8.653	98	99540	48.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.600%
62) 4-Bromofluorobenzene	11.079	95	73847	46.868	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.740%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	20444	4.836	ug/l	Qvalue 100

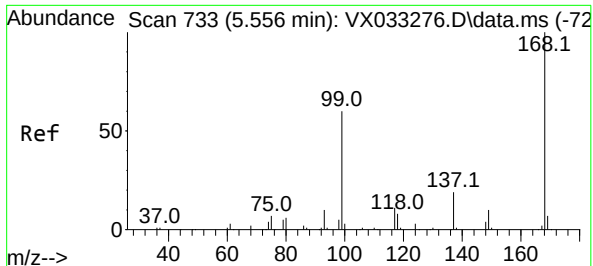
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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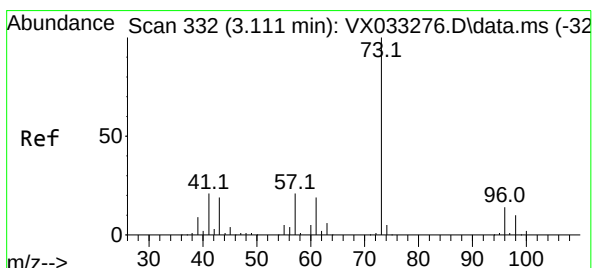
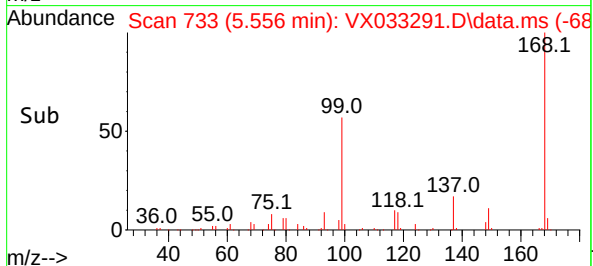
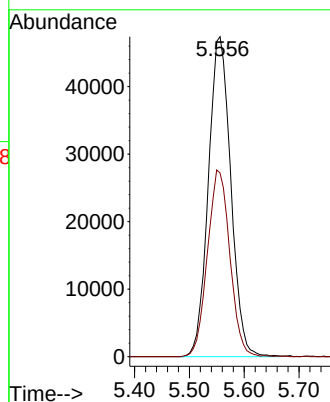
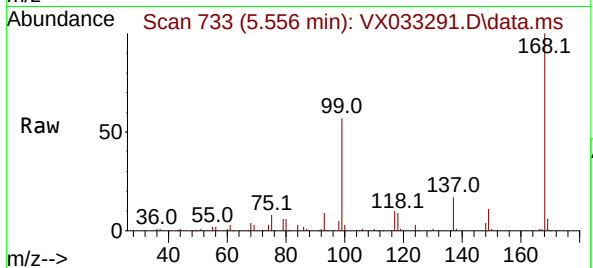




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

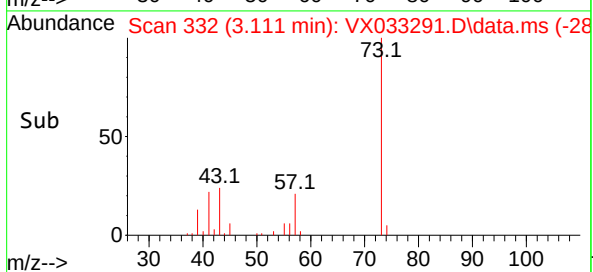
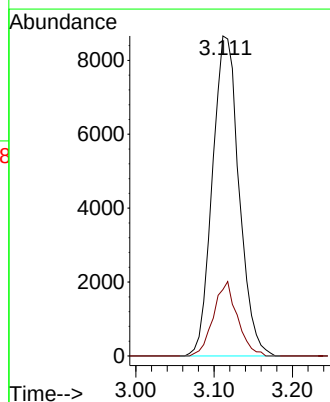
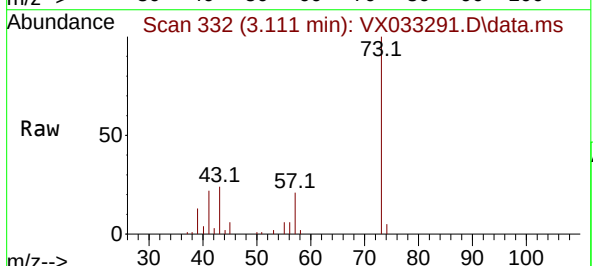
Instrument :
MSVOA_X
ClientSampleId :
MW-40

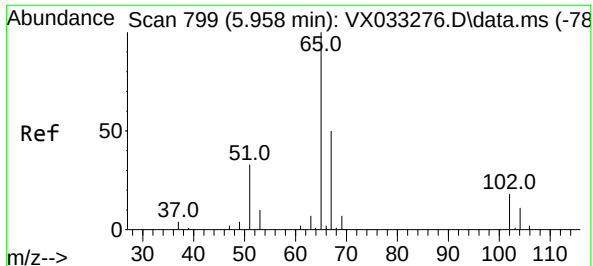
Tgt Ion:168 Resp: 134611
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 4.836 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033291.D
Acq: 07 Dec 2022 19:09

Tgt Ion: 73 Resp: 20444
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0





#33

1,2-Dichloroethane-d4

Concen: 50.774 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033291.D

Acq: 07 Dec 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

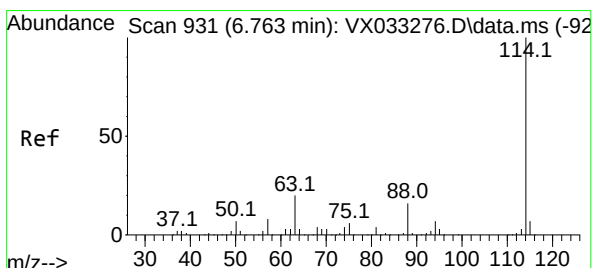
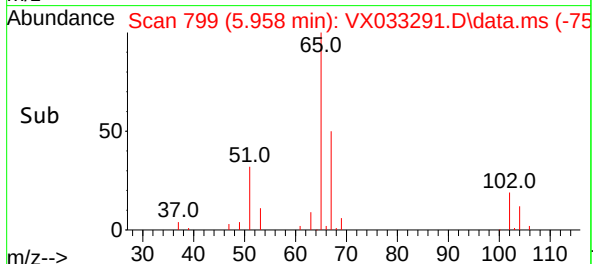
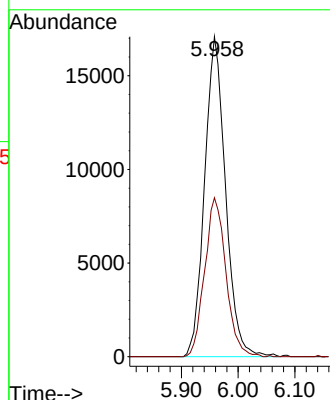
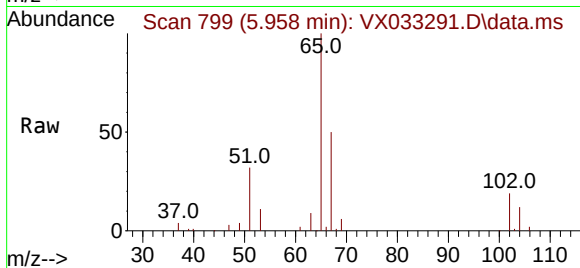
MW-40

Tgt Ion: 65 Resp: 43847

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033291.D

Acq: 07 Dec 2022 19:09

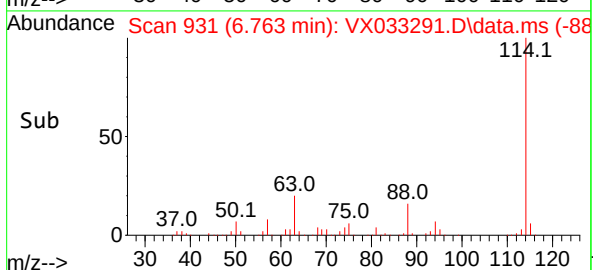
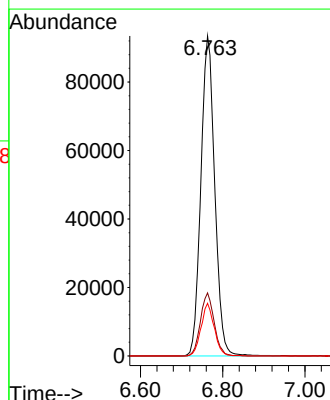
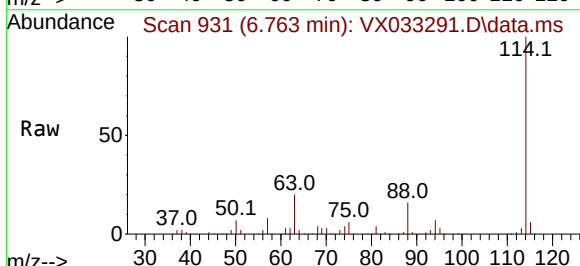
Tgt Ion: 114 Resp: 219007

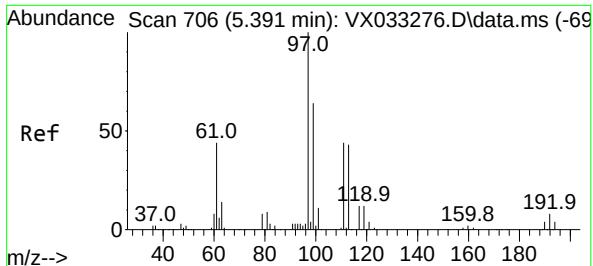
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.653 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033291.D

Acq: 07 Dec 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

MW-40

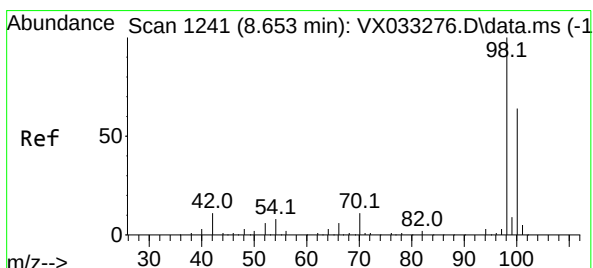
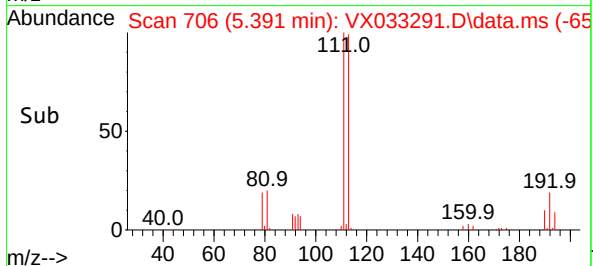
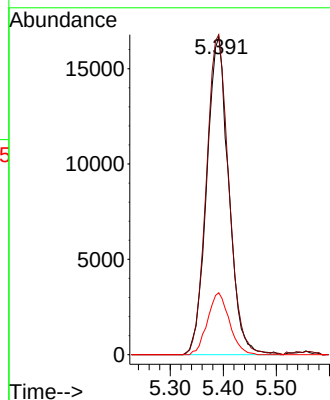
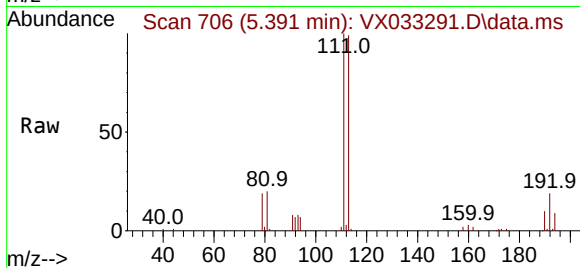
Tgt Ion:113 Resp: 47926

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 19.3 15.4 23.2



#50

Toluene-d8

Concen: 48.305 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX033291.D

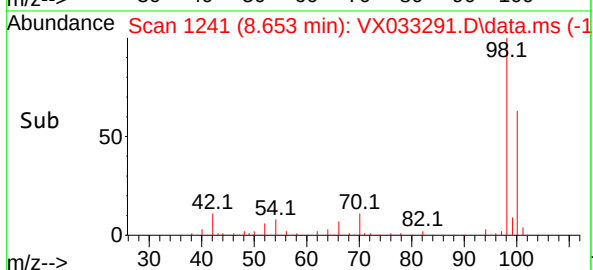
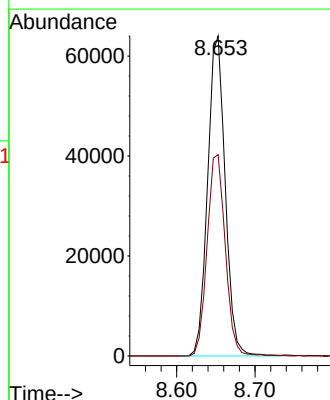
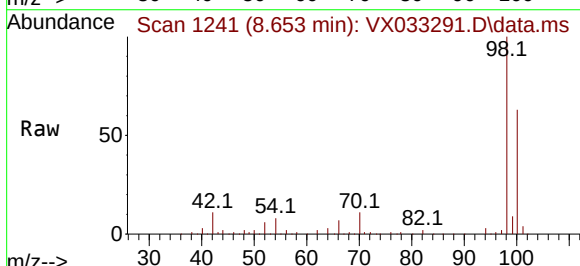
Acq: 07 Dec 2022 19:09

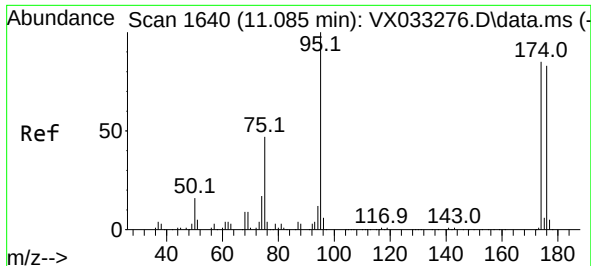
Tgt Ion: 98 Resp: 99540

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 46.868 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033291.D

Acq: 07 Dec 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

MW-40

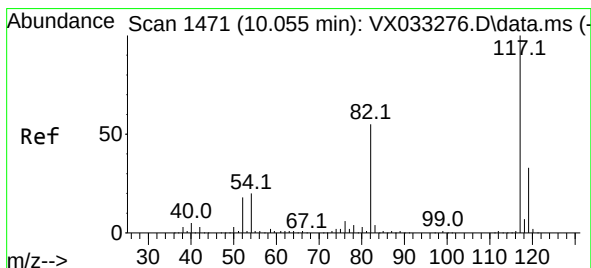
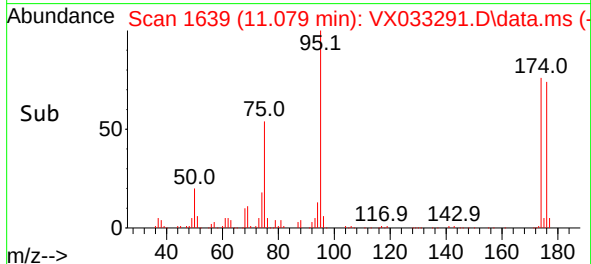
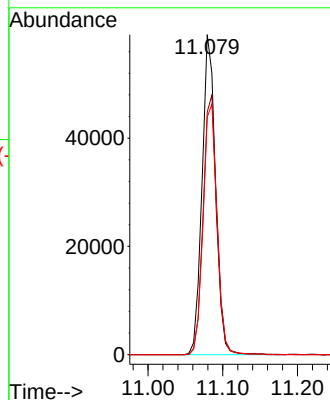
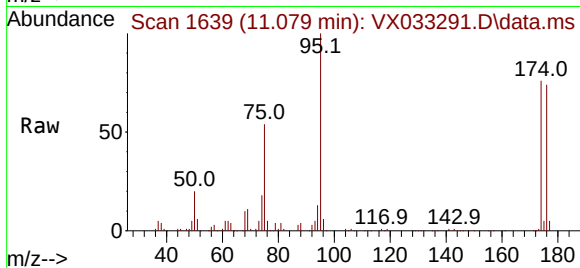
Tgt Ion: 95 Resp: 73847

Ion Ratio Lower Upper

95 100

174 83.4 0.0 164.0

176 81.0 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033291.D

Acq: 07 Dec 2022 19:09

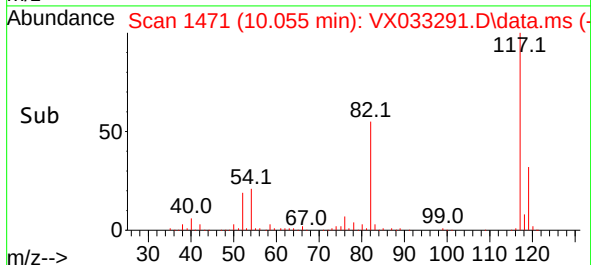
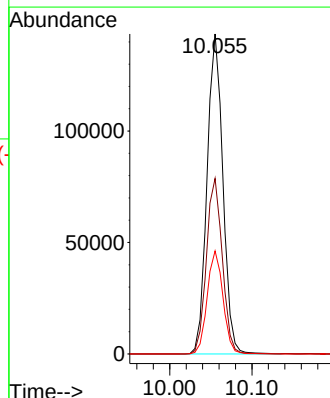
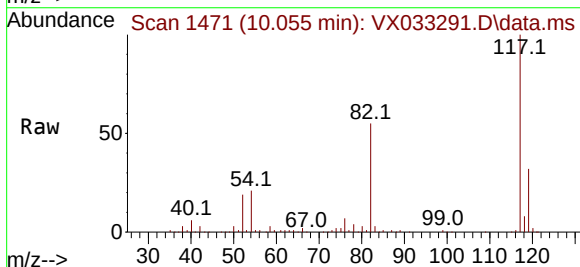
Tgt Ion: 117 Resp: 192034

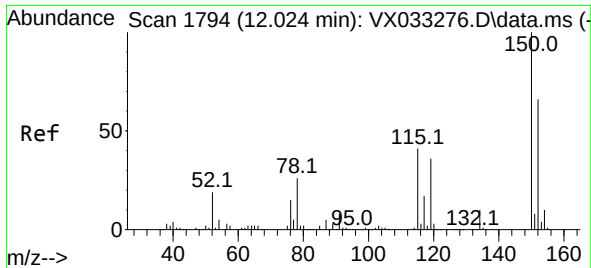
Ion Ratio Lower Upper

117 100

82 54.9 44.3 66.5

119 32.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033291.D

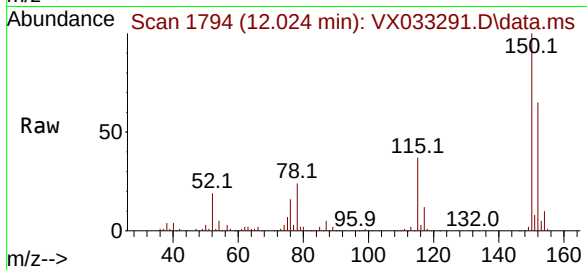
Acq: 07 Dec 2022 19:09

Instrument :

MSVOA_X

ClientSampleId :

MW-40



Tgt Ion:152 Resp: 87454

Ion Ratio Lower Upper

152 100

115 59.3 44.0 132.0

150 157.1 0.0 351.8

