

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031942.D
 Acq On : 07 Oct 2022 00:43
 Operator : JC/MD
 Sample : N4883-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-138

Quant Time: Oct 07 08:10:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

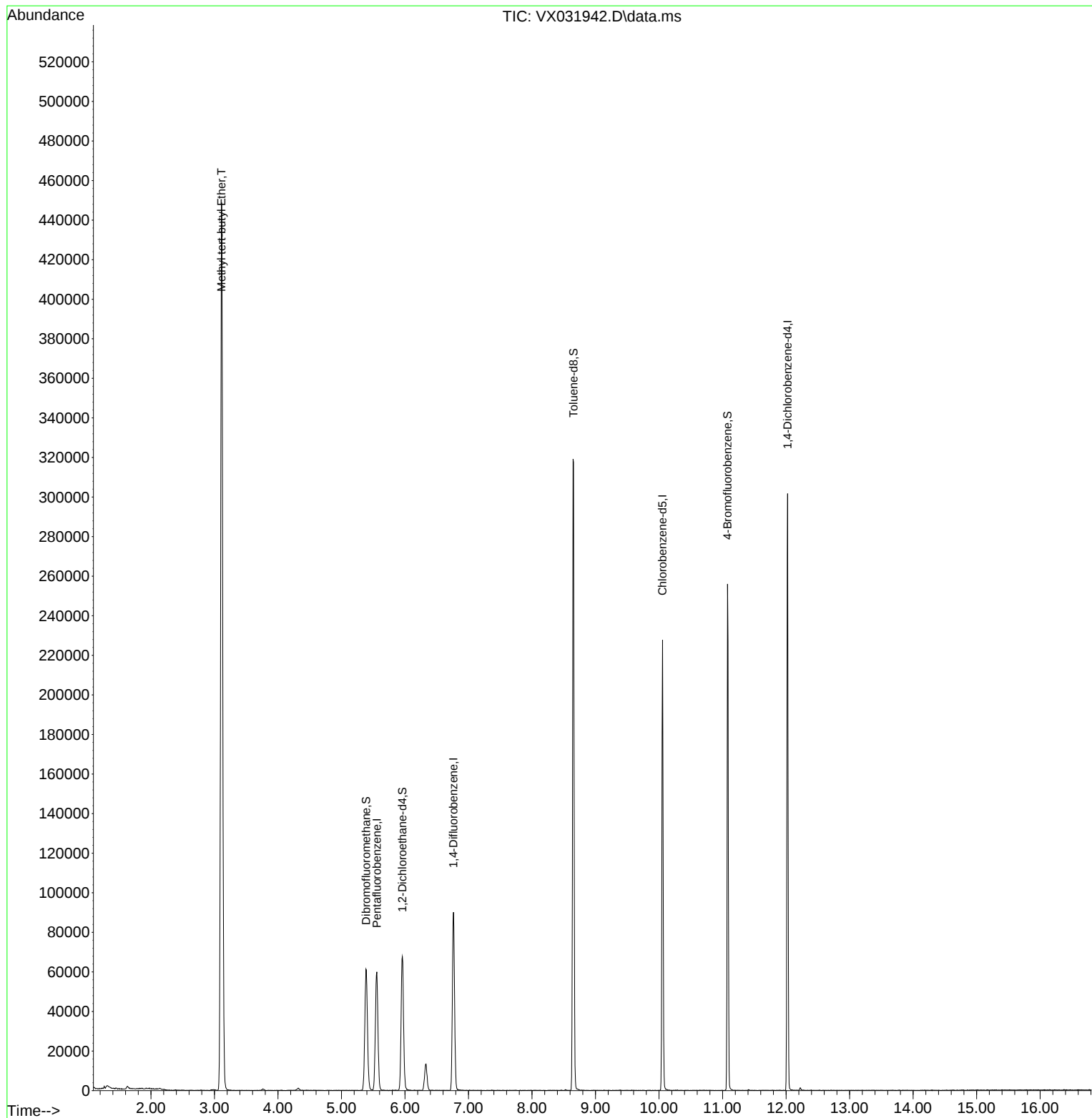
Internal Standards						
1) Pentafluorobenzene	5.556	168	57122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64736	54.875	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.760%
35) Dibromofluoromethane	5.385	113	52330	48.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	8.653	98	192651	49.798	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	11.079	95	65332	47.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.540%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	499503	171.077	ug/l	Qvalue 97

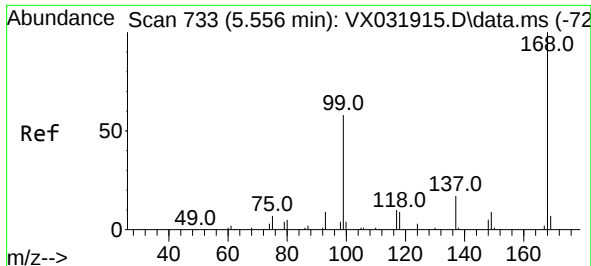
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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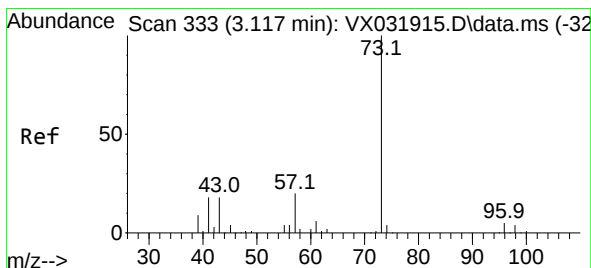
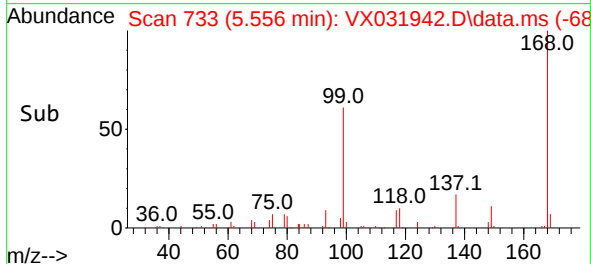
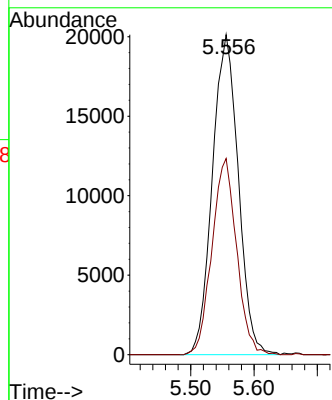
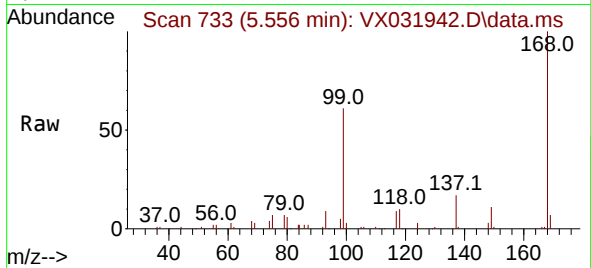




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

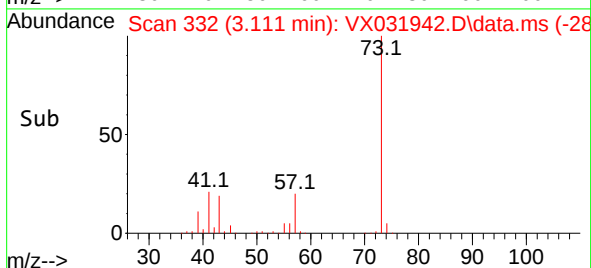
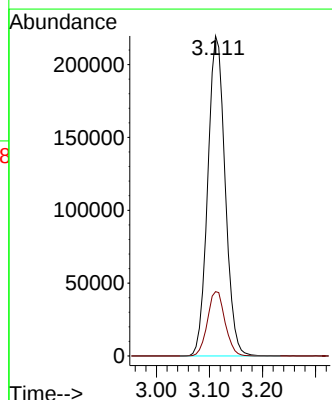
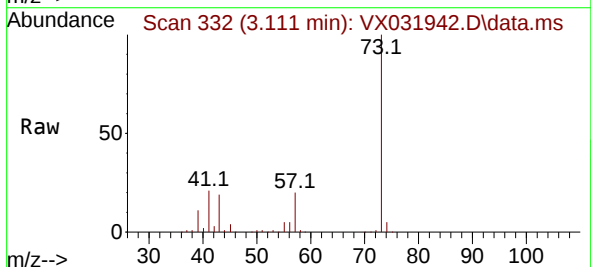
Instrument :
MSVOA_X
ClientSampleId :
MW-138

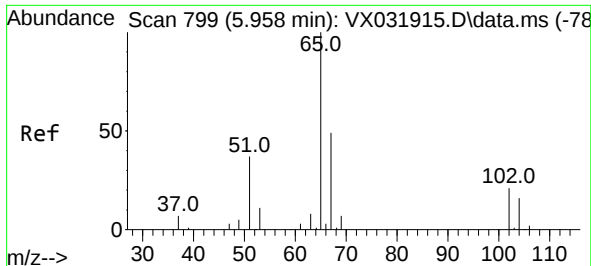
Tgt Ion:168 Resp: 57122
Ion Ratio Lower Upper
168 100
99 61.3 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 171.077 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Tgt Ion: 73 Resp: 499503
Ion Ratio Lower Upper
73 100
57 20.1 17.2 25.8





#33

1,2-Dichloroethane-d4

Concen: 54.875 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031942.D

Acq: 07 Oct 2022 00:43

Instrument :

MSVOA_X

ClientSampleId :

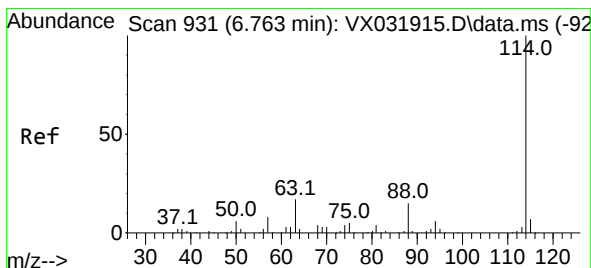
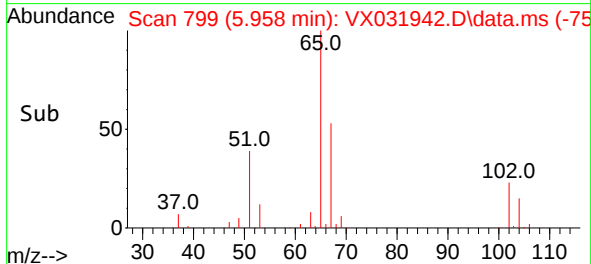
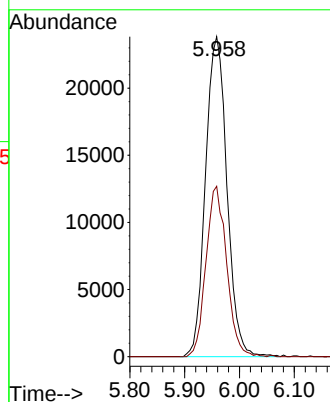
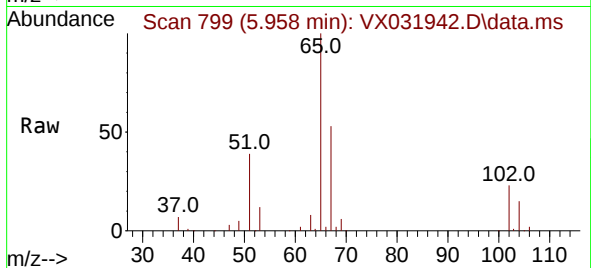
MW-138

Tgt Ion: 65 Resp: 64736

Ion Ratio Lower Upper

65 100

67 51.3 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: VX031942.D

Acq: 07 Oct 2022 00:43

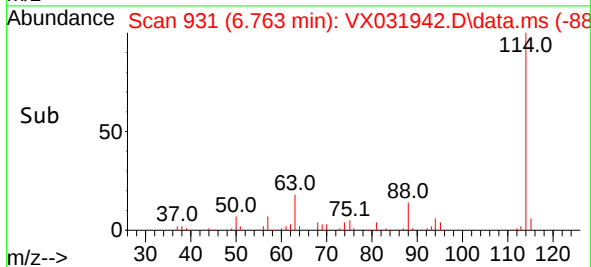
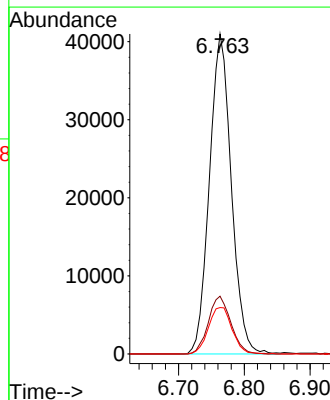
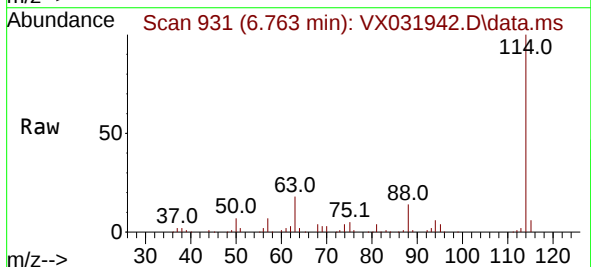
Tgt Ion: 114 Resp: 94980

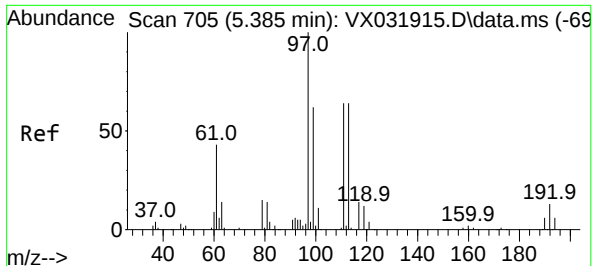
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.6

88 14.5 0.0 33.0

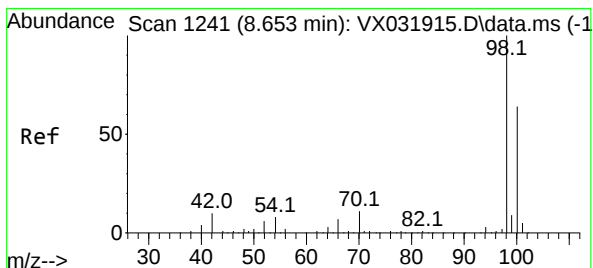
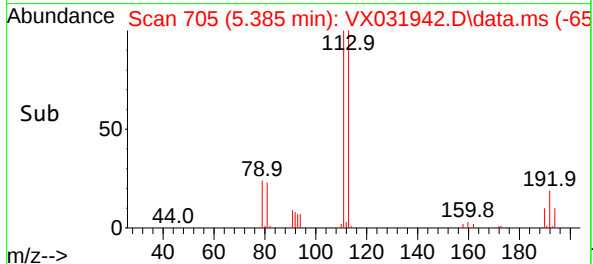
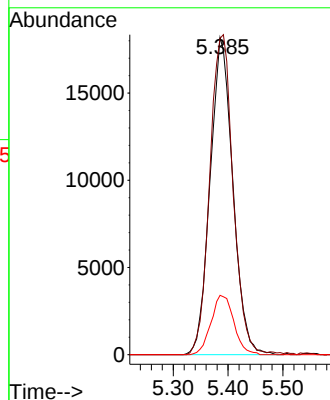
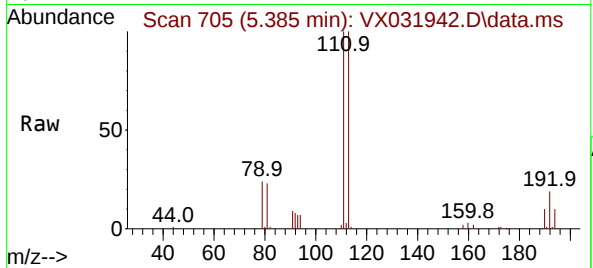




#35
Dibromofluoromethane
Concen: 48.674 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

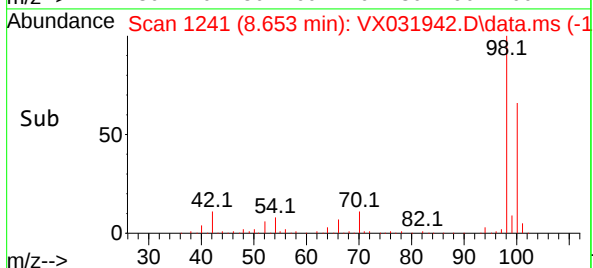
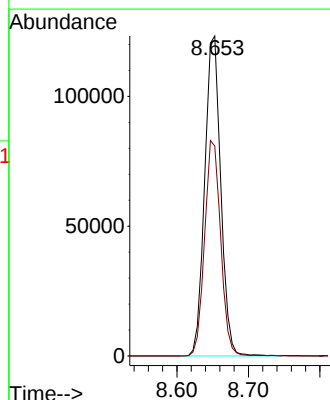
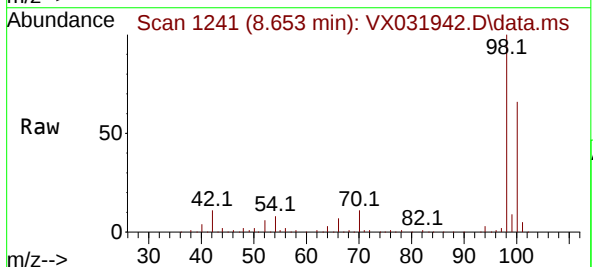
Instrument :
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MW-138

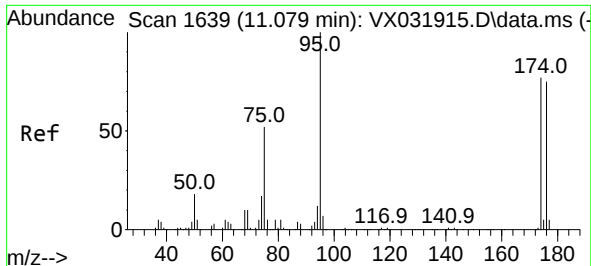
Tgt Ion:113 Resp: 52330
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.8 14.1 21.1



#50
Toluene-d8
Concen: 49.798 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Tgt Ion: 98 Resp: 192651
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 47.769 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031942.D

Acq: 07 Oct 2022 00:43

Instrument :

MSVOA_X

ClientSampleId :

MW-138

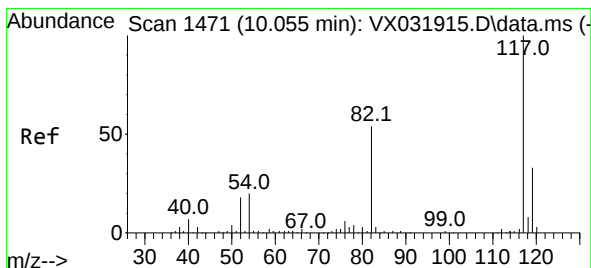
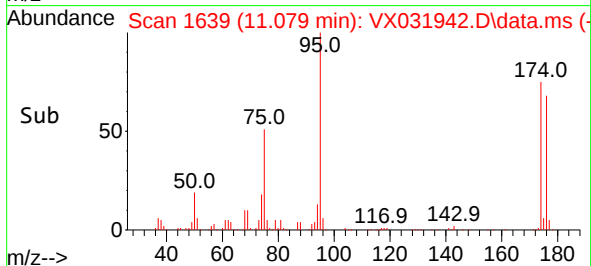
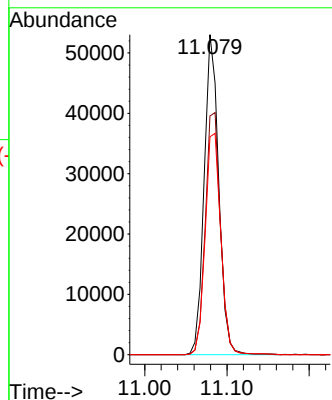
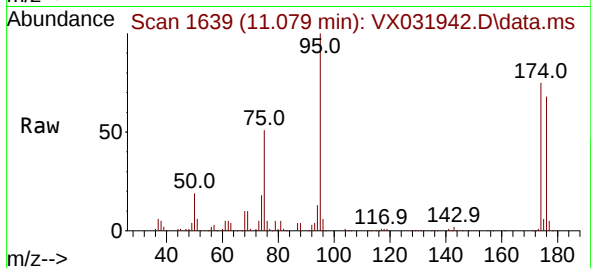
Tgt Ion: 95 Resp: 65332

Ion Ratio Lower Upper

95 100

174 78.9 0.0 153.2

176 74.2 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: VX031942.D

Acq: 07 Oct 2022 00:43

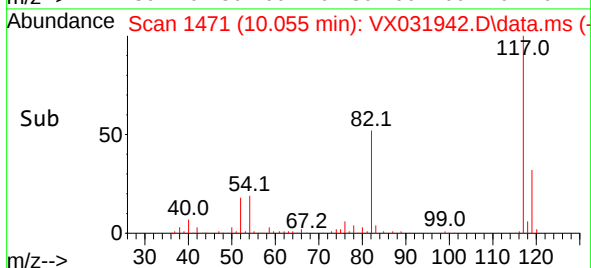
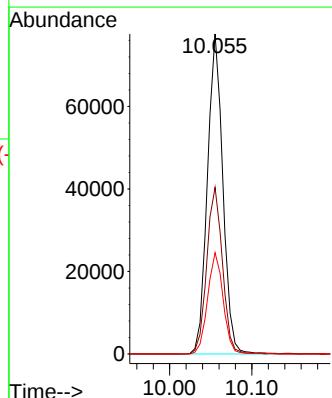
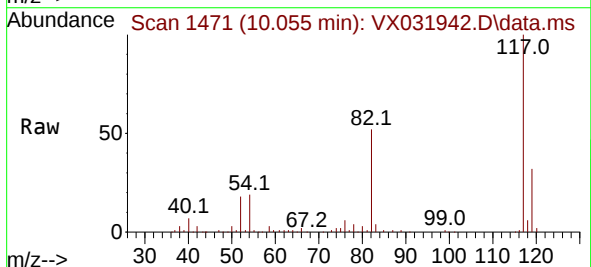
Tgt Ion: 117 Resp: 101167

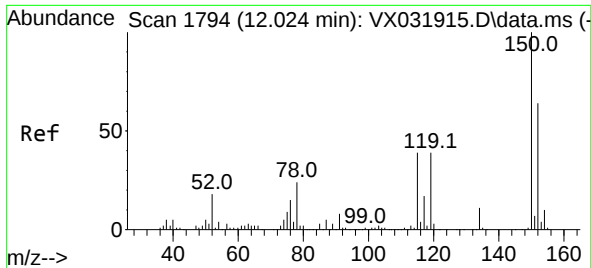
Ion Ratio Lower Upper

117 100

82 52.1 46.8 70.2

119 31.7 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: VX031942.D

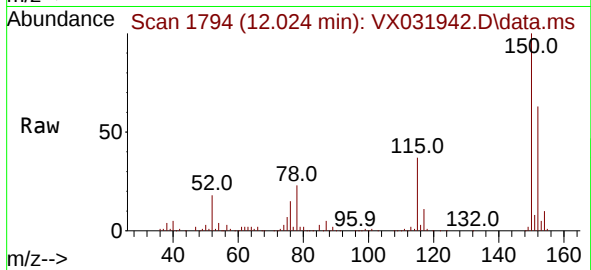
Acq: 07 Oct 2022 00:43

Instrument :

MSVOA_X

ClientSampleId :

MW-138



Tgt Ion:152 Resp: 60654

Ion Ratio Lower Upper

152 100

115 60.7 43.4 130.1

150 159.7 0.0 346.8

