

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031773.D
 Acq On : 29 Sep 2022 15:09
 Operator : JC/MD
 Sample : N4860-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04

Quant Time: Sep 30 04:32:43 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)

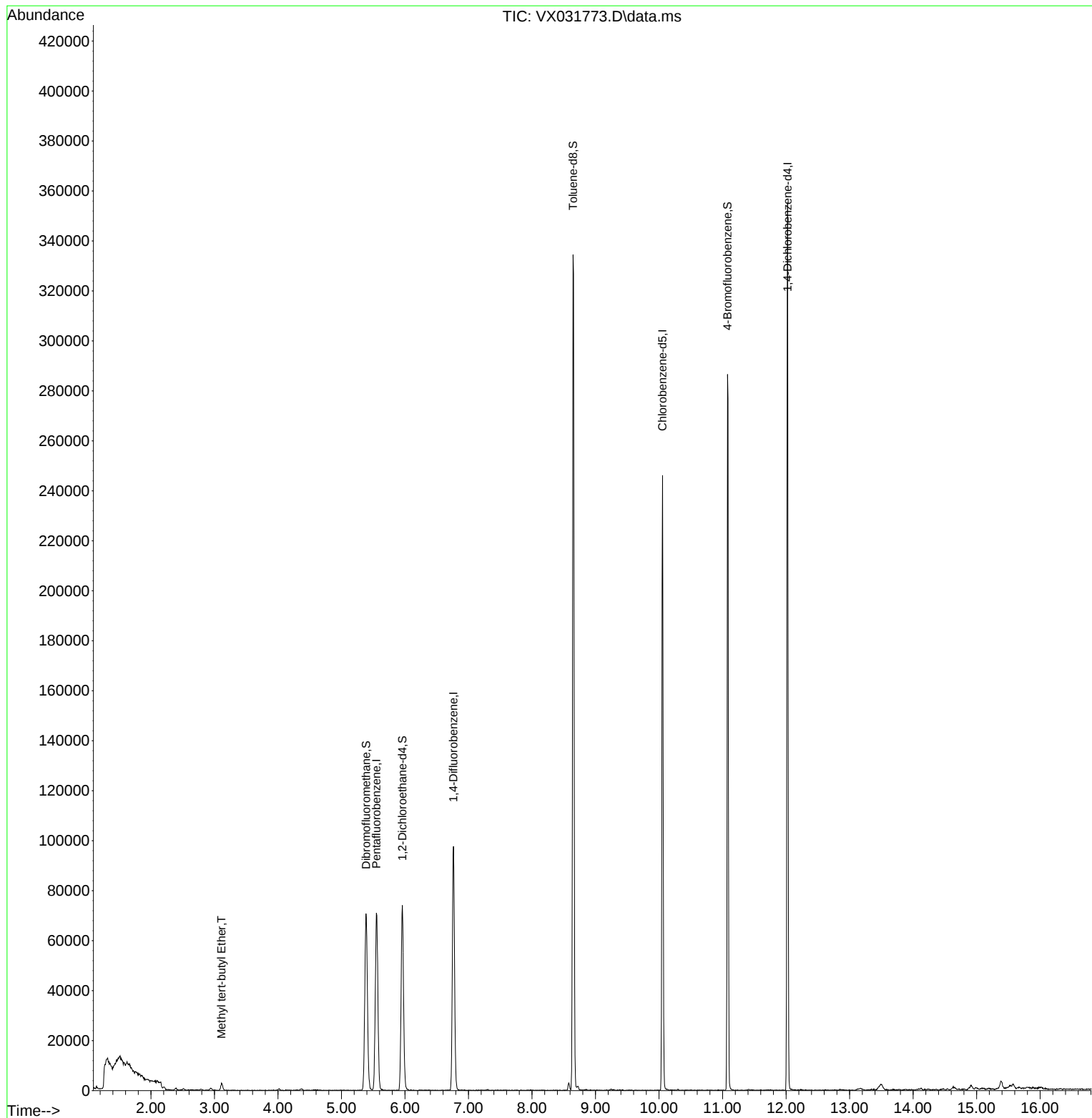
Internal Standards						
1) Pentafluorobenzene	5.550	168	68471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71253	49.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	5.385	113	59297	47.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.560%
50) Toluene-d8	8.647	98	208356	46.312	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.620%
62) 4-Bromofluorobenzene	11.079	95	73604	44.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.280%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	3119	0.965	ug/l	Qvalue # 81

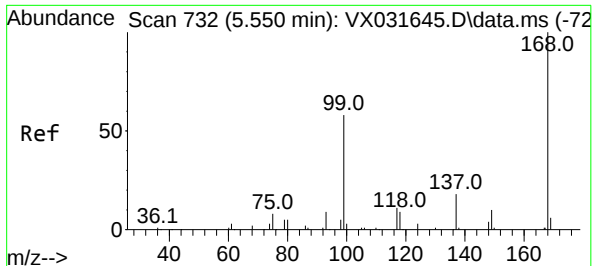
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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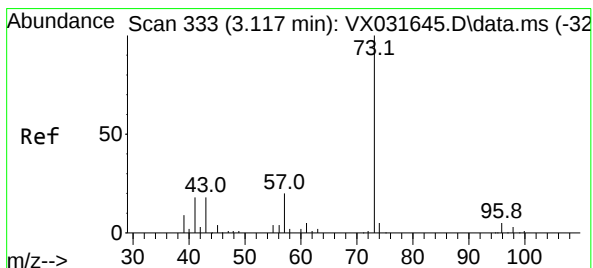
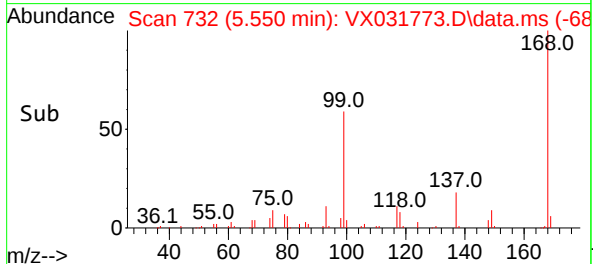
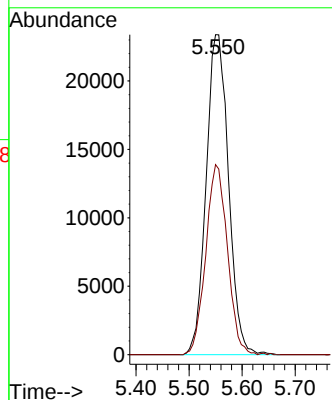
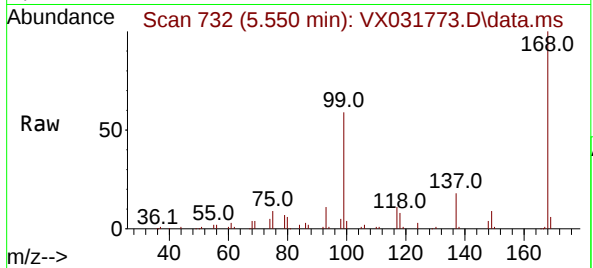




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

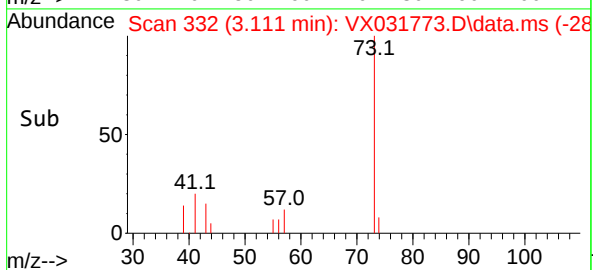
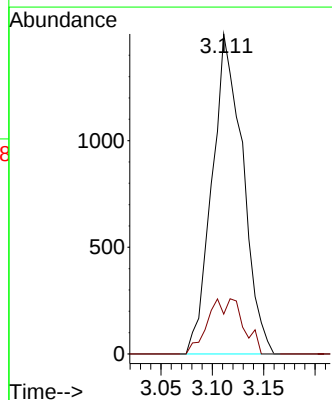
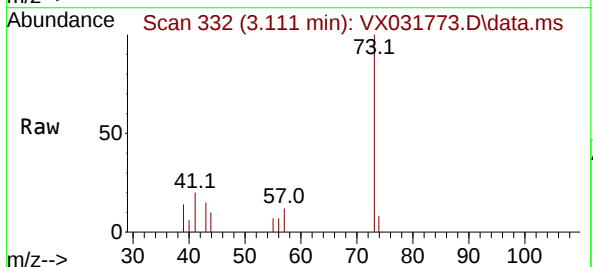
Instrument :
MSVOA_X
ClientSampleId :
MW-04

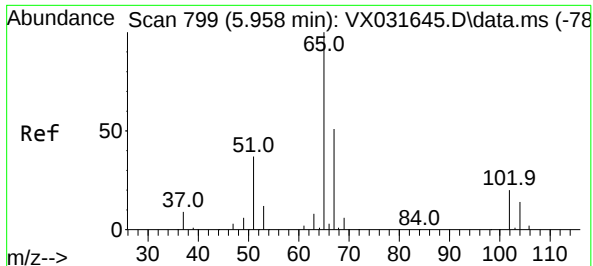
Tgt Ion:168 Resp: 68471
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 0.965 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

Tgt Ion: 73 Resp: 3119
Ion Ratio Lower Upper
73 100
57 12.5 17.2 25.8#





#33

1,2-Dichloroethane-d4

Concen: 49.031 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031773.D

Acq: 29 Sep 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

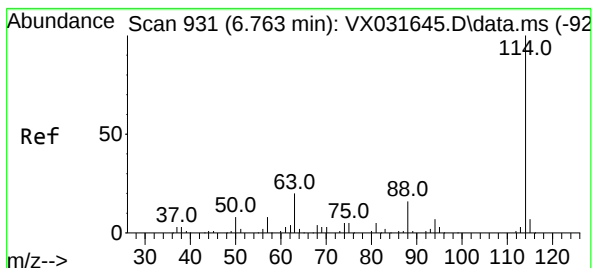
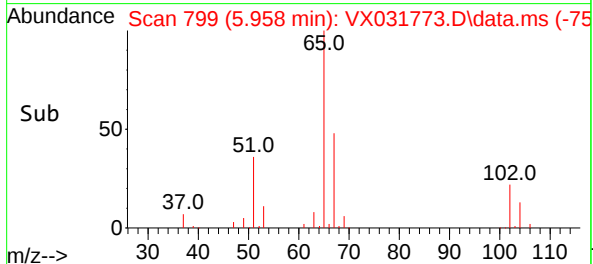
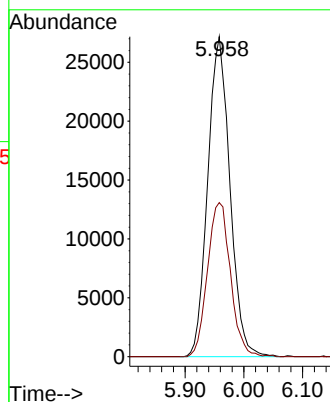
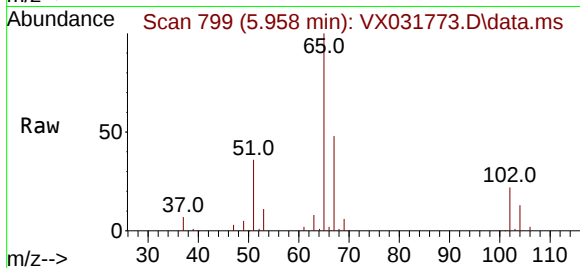
MW-04

Tgt Ion: 65 Resp: 71253

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: VX031773.D

Acq: 29 Sep 2022 15:09

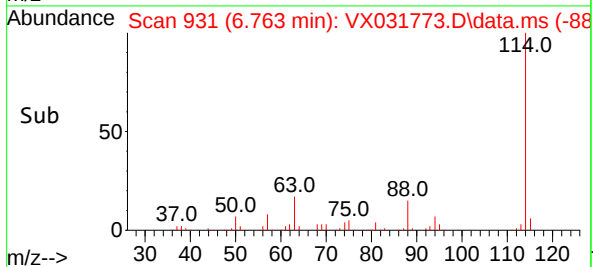
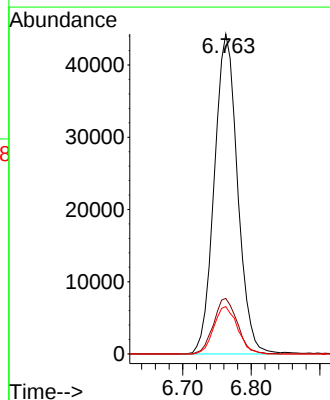
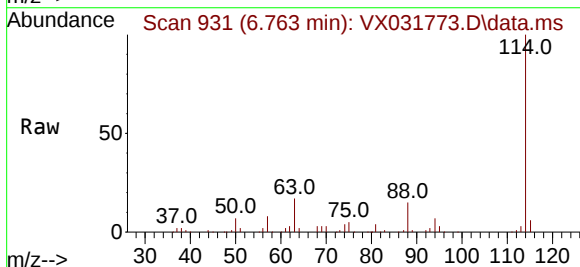
Tgt Ion: 114 Resp: 104149

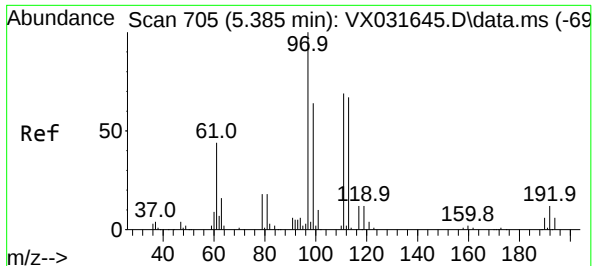
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.6

88 14.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.783 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031773.D

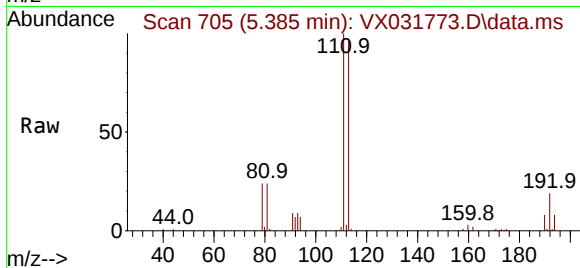
Acq: 29 Sep 2022 15:09

Instrument :

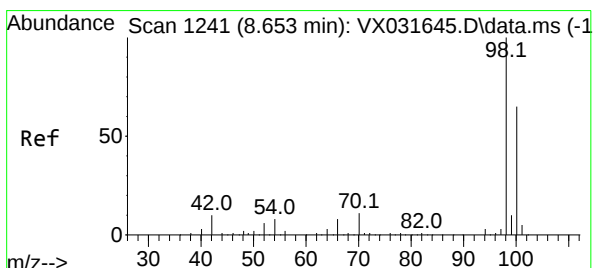
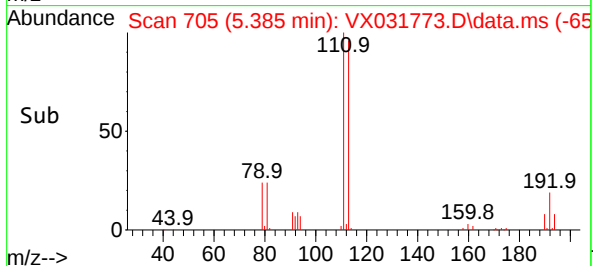
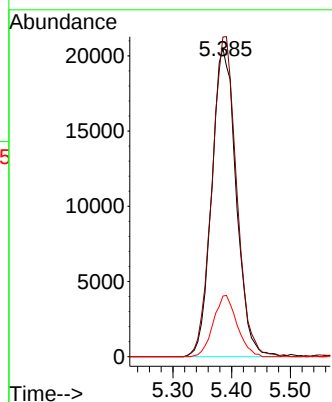
MSVOA_X

ClientSampleId :

MW-04



Tgt Ion:	113	Resp:	59297
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.4	123.6
192	19.2	14.1	21.1



#50

Toluene-d8

Concen: 46.312 ug/l

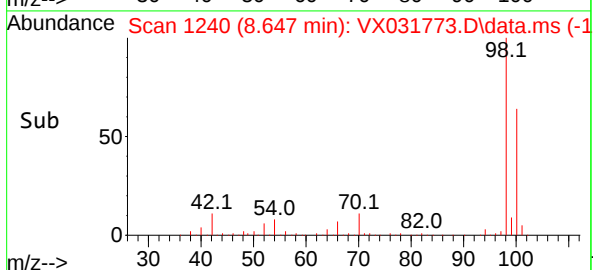
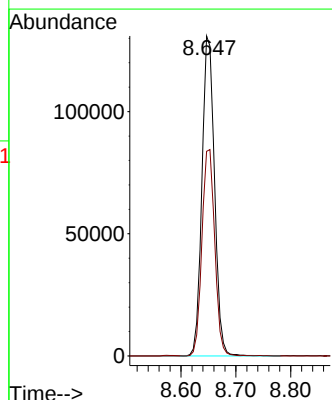
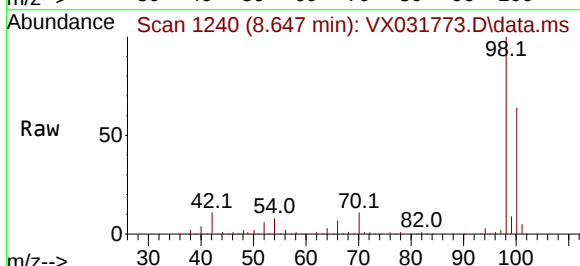
RT: 8.647 min Scan# 1240

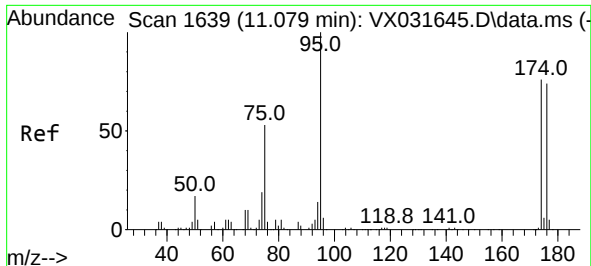
Delta R.T. -0.006 min

Lab File: VX031773.D

Acq: 29 Sep 2022 15:09

Tgt Ion:	98	Resp:	208356
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7





#62

4-Bromofluorobenzene

Concen: 44.637 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031773.D

Acq: 29 Sep 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

MW-04

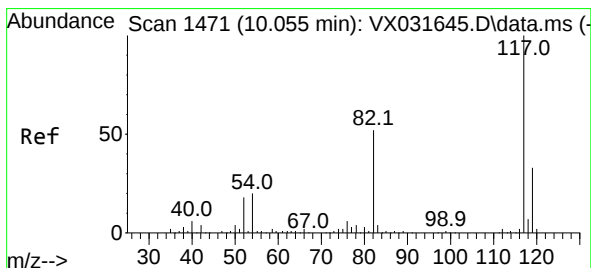
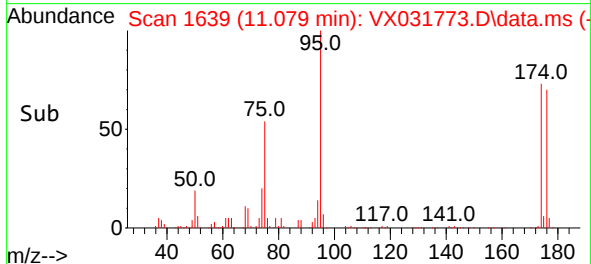
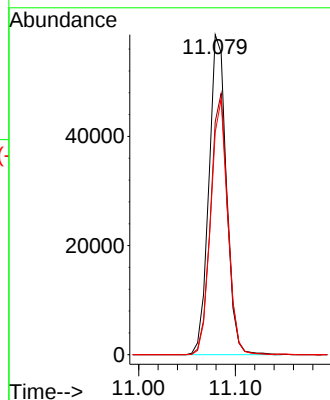
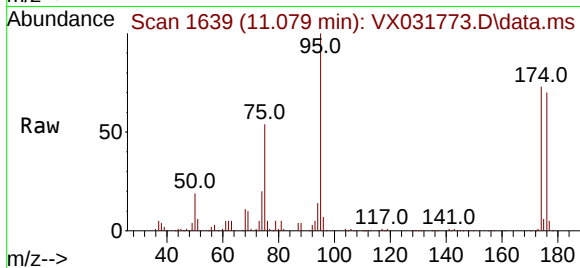
Tgt Ion: 95 Resp: 73604

Ion Ratio Lower Upper

95 100

174 80.8 0.0 153.2

176 77.7 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: VX031773.D

Acq: 29 Sep 2022 15:09

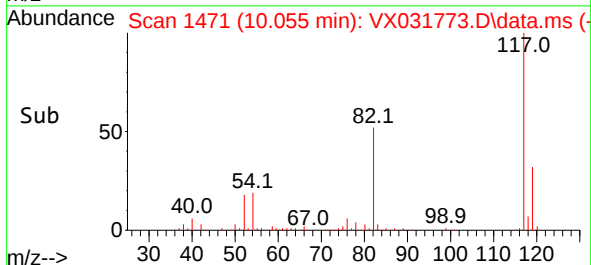
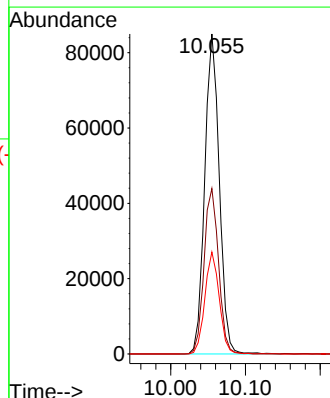
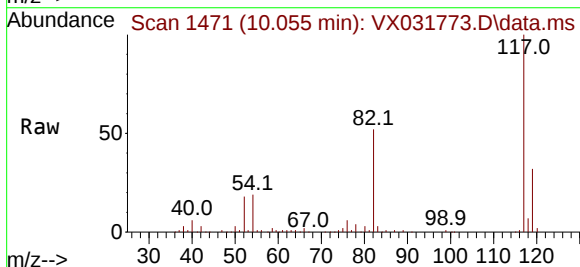
Tgt Ion: 117 Resp: 114818

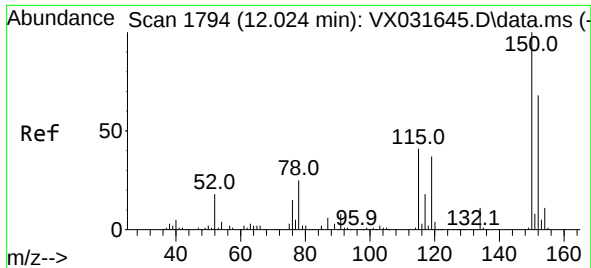
Ion Ratio Lower Upper

117 100

82 51.7 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: VX031773.D

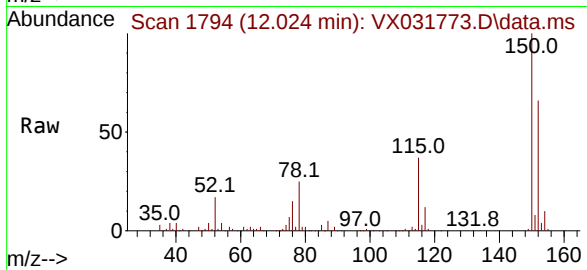
Acq: 29 Sep 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

MW-04



Tgt Ion:152 Resp: 73024

Ion Ratio Lower Upper

152 100

115 59.0 43.4 130.1

150 153.0 0.0 346.8

