

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038191.D
 Acq On : 10 Oct 2023 11:18
 Operator : JC/MD
 Sample : 04723-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Oct 11 01:35:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

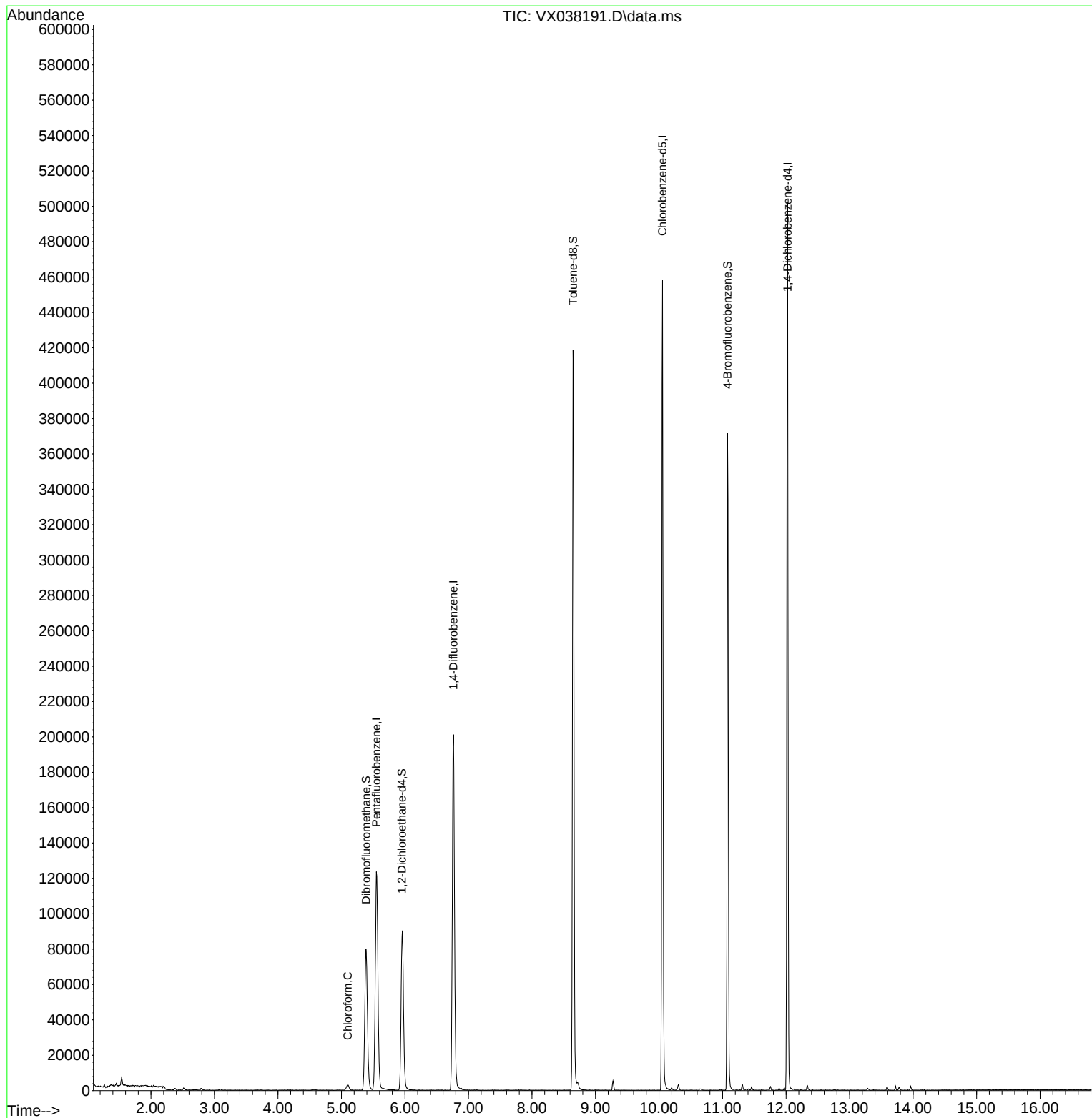
Internal Standards						
1) Pentafluorobenzene	5.550	168	115393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205272	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87228	46.997	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.000%
35) Dibromofluoromethane	5.385	113	68108	46.047	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.100%
50) Toluene-d8	8.647	98	256529	45.387	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.780%#
62) 4-Bromofluorobenzene	11.079	95	94258	43.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.980%
Target Compounds						
					Qvalue	
30) Chloroform	5.099	83	3867	1.472	ug/l	95

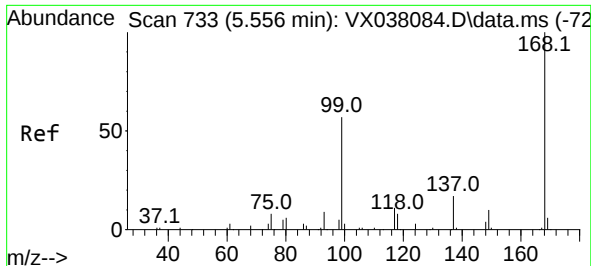
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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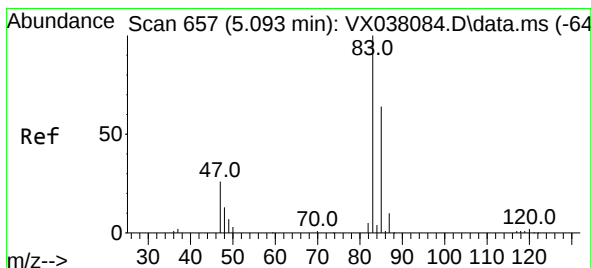
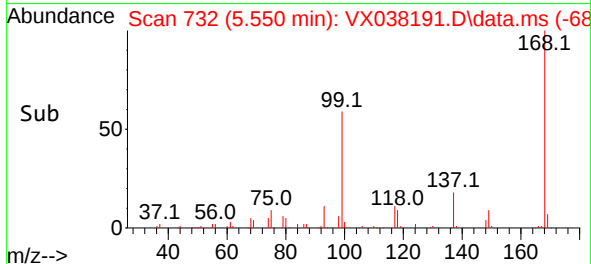
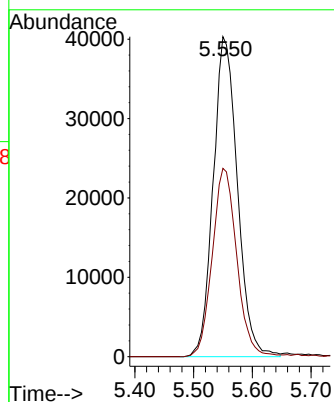
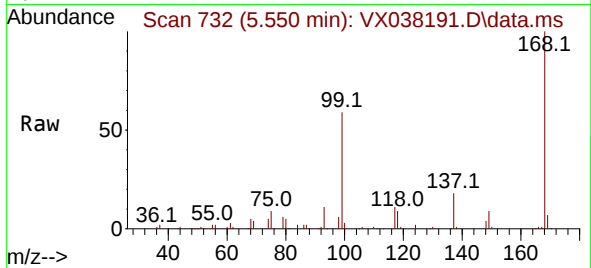




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038191.D
Acq: 10 Oct 2023 11:18

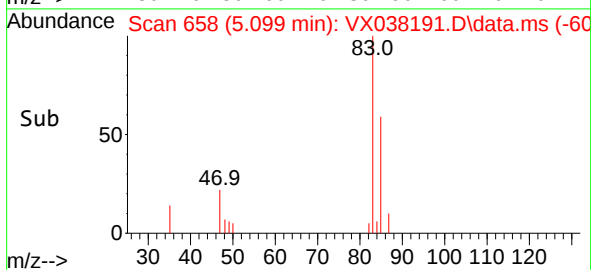
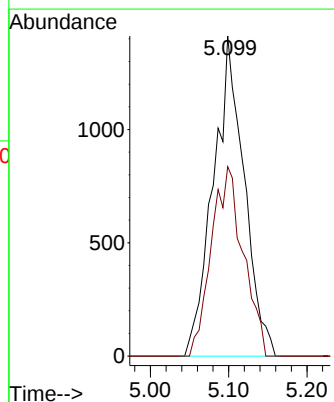
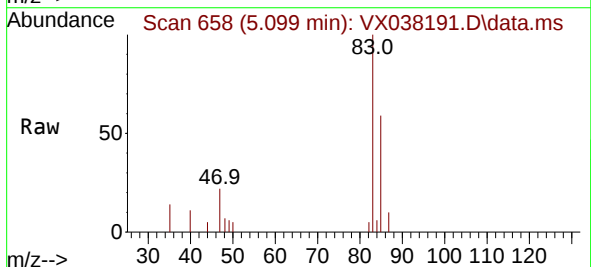
Instrument :
MSVOA_X
ClientSampleId :
MW-7

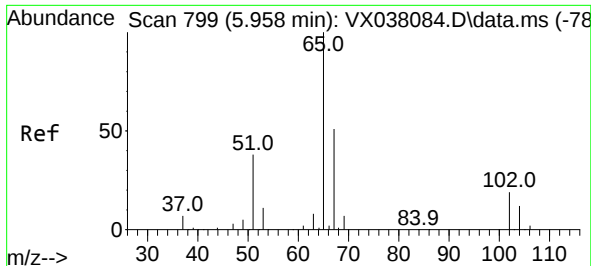
Tgt Ion:168 Resp: 115393
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#30
Chloroform
Concen: 1.472 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX038191.D
Acq: 10 Oct 2023 11:18

Tgt Ion: 83 Resp: 3867
Ion Ratio Lower Upper
83 100
85 59.2 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 46.997 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038191.D

Acq: 10 Oct 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

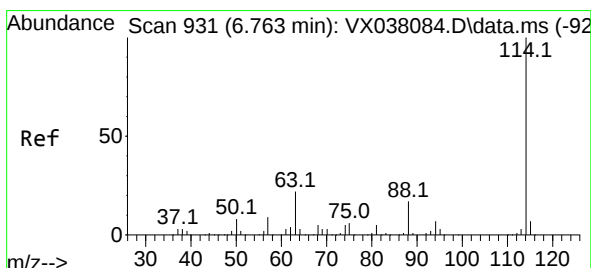
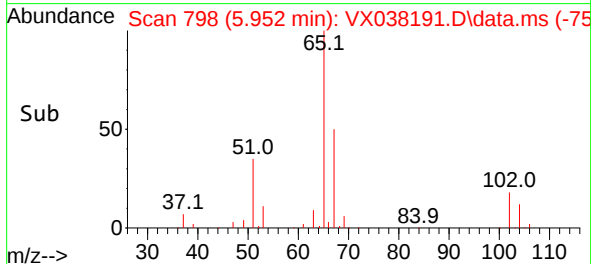
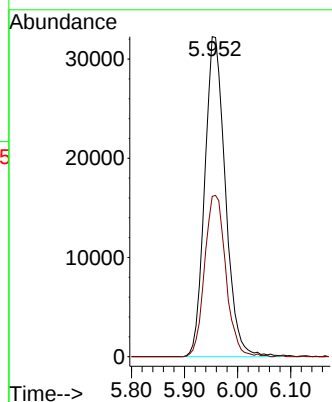
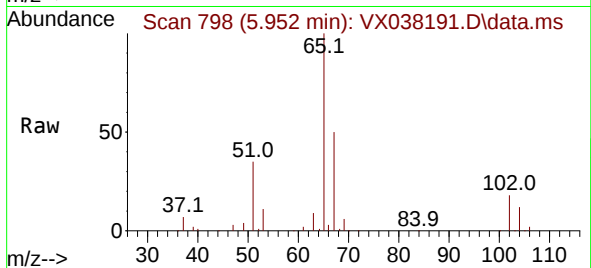
MW-7

Tgt Ion: 65 Resp: 87228

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038191.D

Acq: 10 Oct 2023 11:18

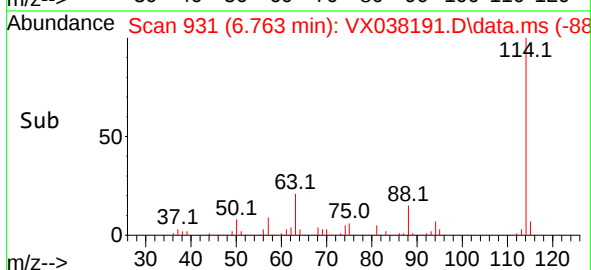
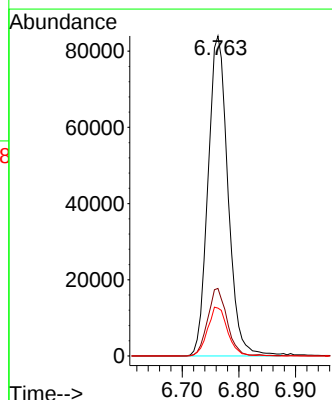
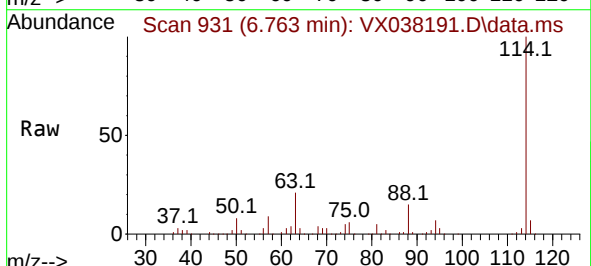
Tgt Ion: 114 Resp: 205272

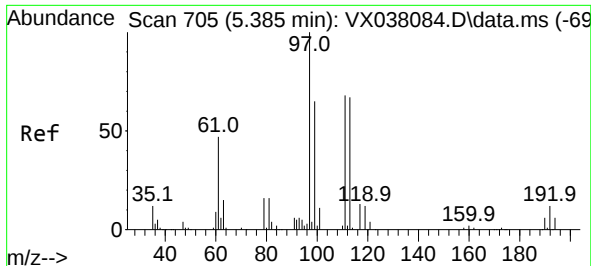
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 15.0 0.0 36.6

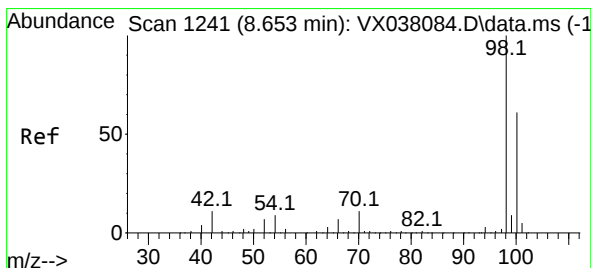
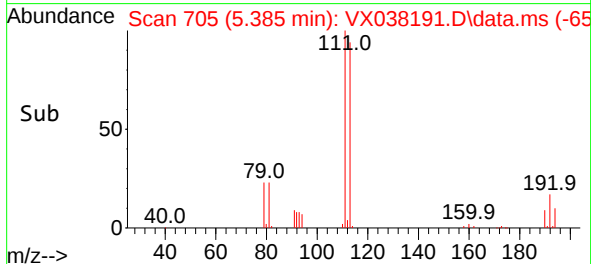
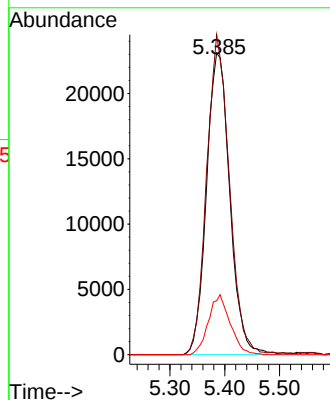
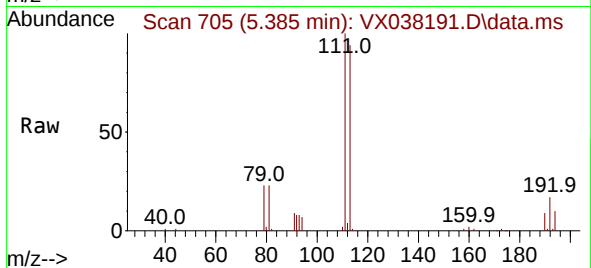




#35
Dibromofluoromethane
Concen: 46.047 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038191.D
Acq: 10 Oct 2023 11:18

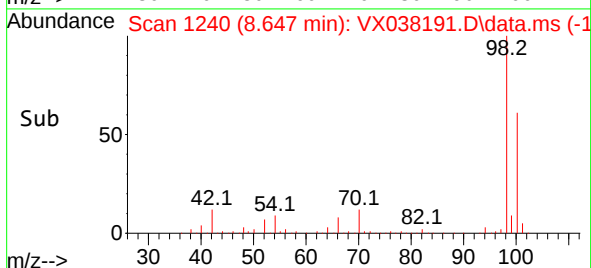
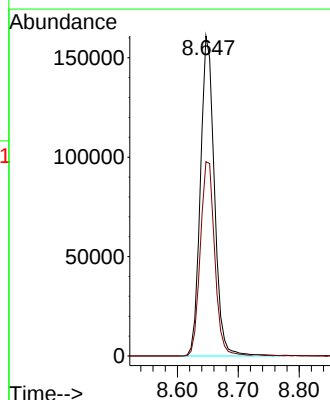
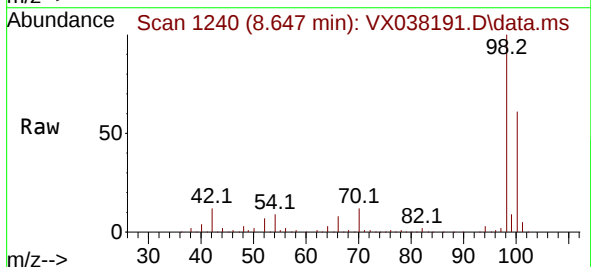
Instrument :
MSVOA_X
ClientSampleId :
MW-7

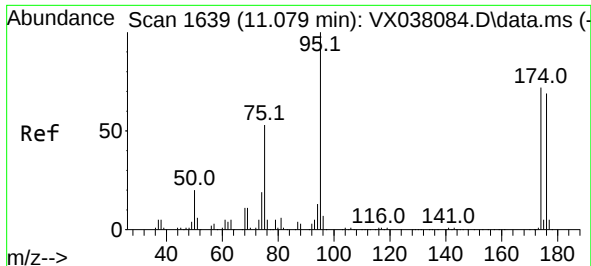
Tgt Ion:113 Resp: 68108
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.6 13.3 19.9



#50
Toluene-d8
Concen: 45.387 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038191.D
Acq: 10 Oct 2023 11:18

Tgt Ion: 98 Resp: 256529
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 43.989 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038191.D

Acq: 10 Oct 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

MW-7

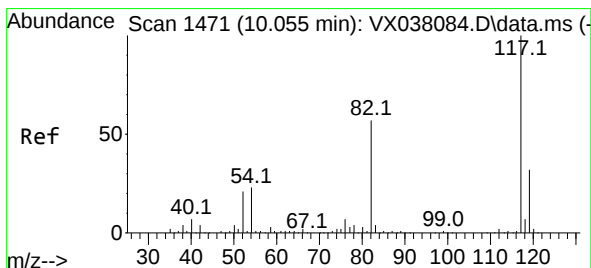
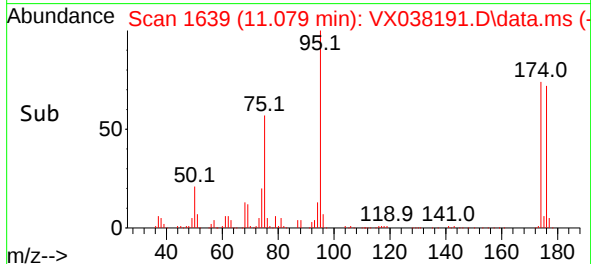
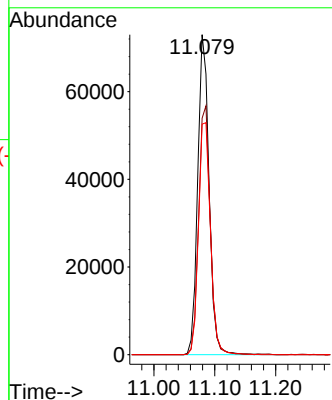
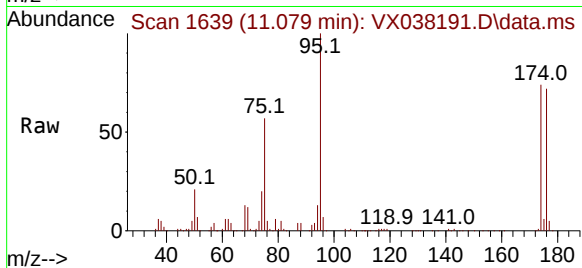
Tgt Ion: 95 Resp: 94258

Ion Ratio Lower Upper

95 100

174 79.6 0.0 135.6

176 76.7 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038191.D

Acq: 10 Oct 2023 11:18

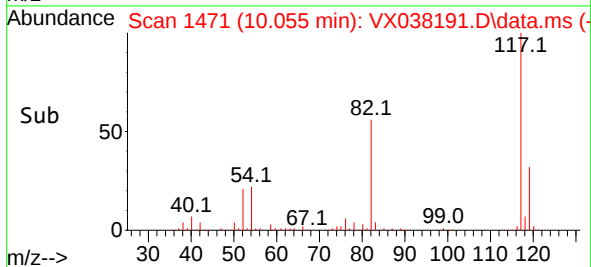
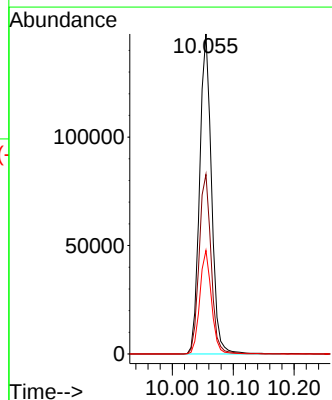
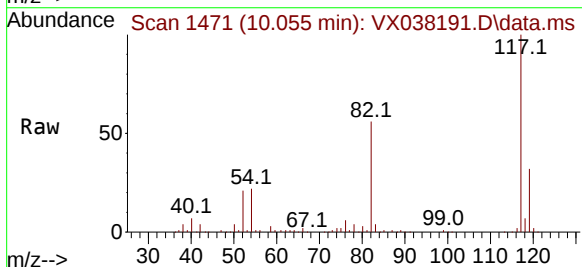
Tgt Ion: 117 Resp: 199653

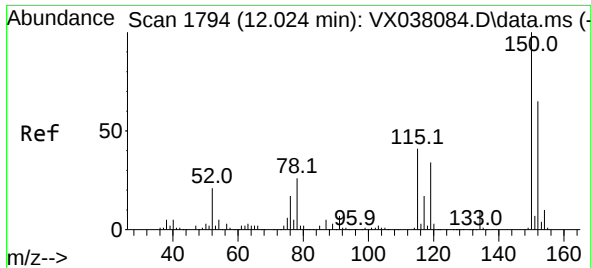
Ion Ratio Lower Upper

117 100

82 56.1 46.2 69.4

119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038191.D

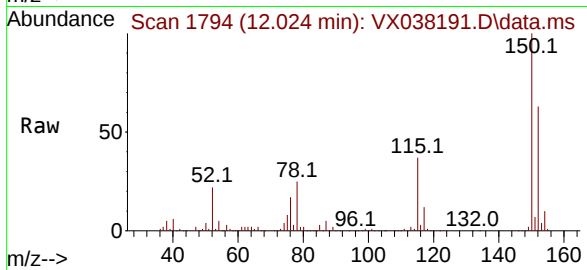
Acq: 10 Oct 2023 11:18

Instrument :

MSVOA_X

ClientSampleId :

MW-7



Tgt Ion:152 Resp: 100986

Ion Ratio Lower Upper

152 100

115 60.9 43.3 129.9

150 157.2 0.0 345.0

