

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036208.D
 Acq On : 19 Jun 2023 16:04
 Operator : JC/MD
 Sample : 03238-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Jun 20 03:44:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

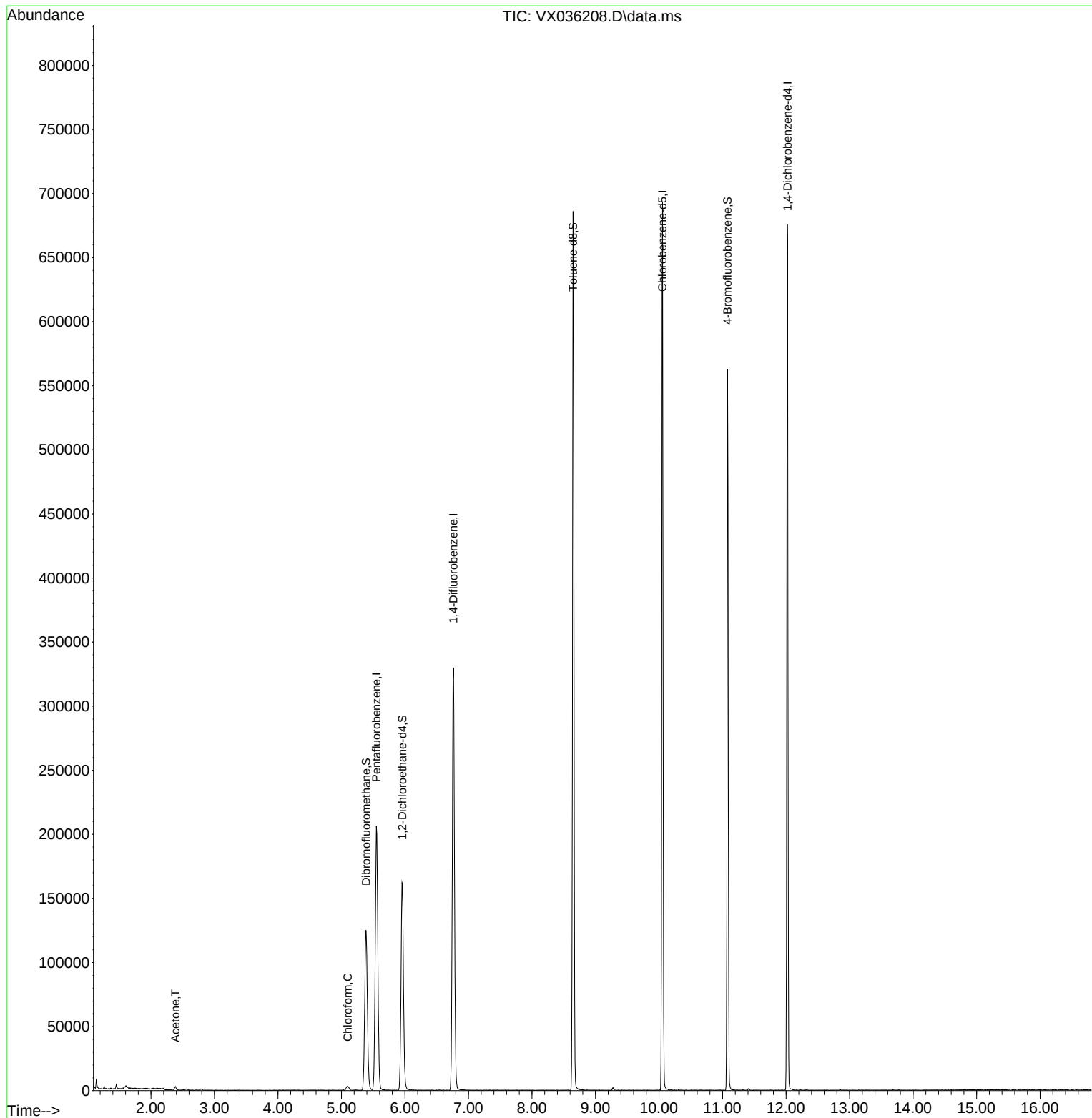
Internal Standards						
1) Pentafluorobenzene	5.550	168	171665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	311945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166920	53.209	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.420%
35) Dibromofluoromethane	5.385	113	109605	51.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.620%
50) Toluene-d8	8.647	98	382927	49.488	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	145569	46.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.220%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	3280	2.517	ug/l	# 84
30) Chloroform	5.099	83	3791	0.873	ug/l	92

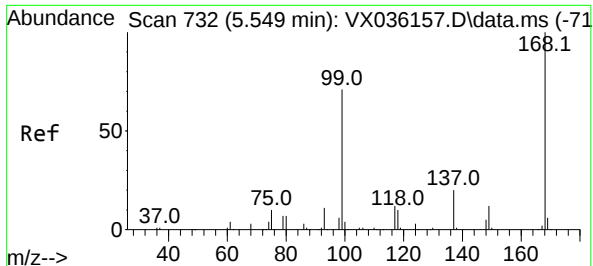
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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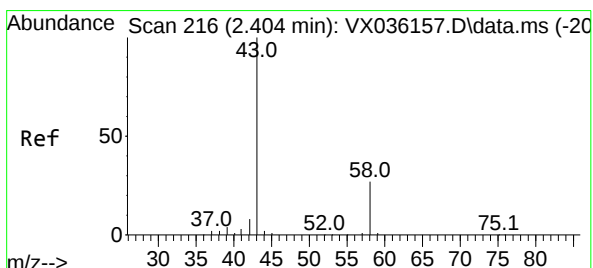
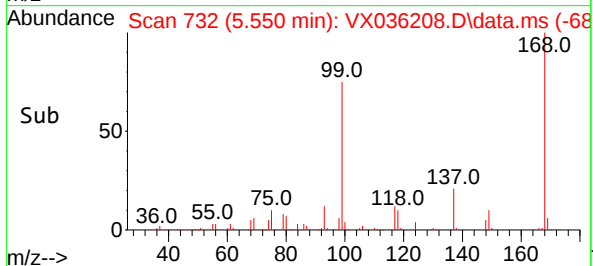
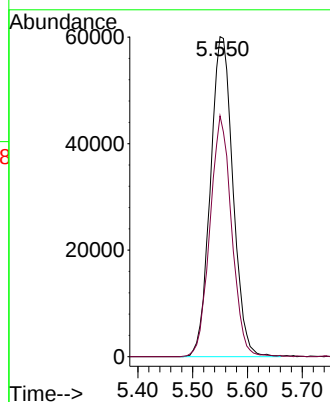
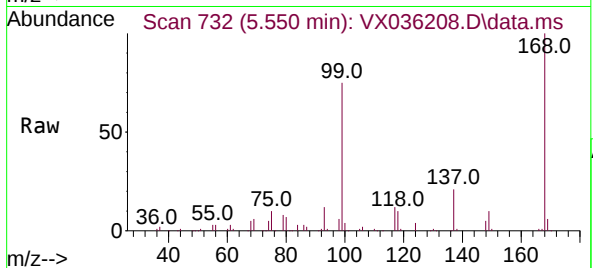




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

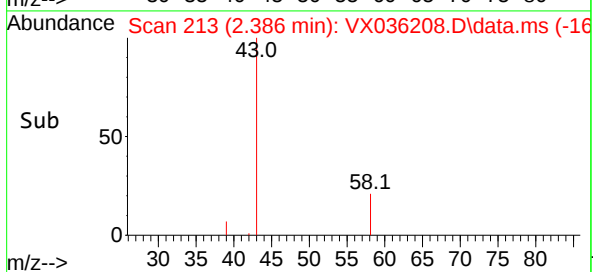
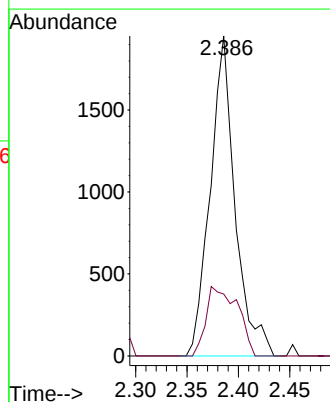
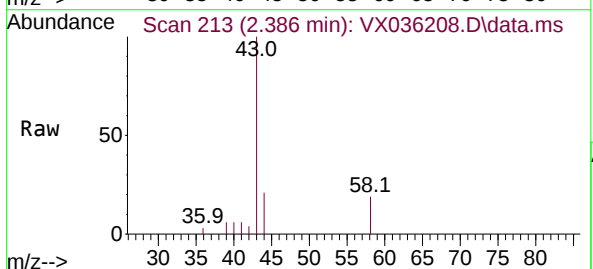
Instrument :
MSVOA_X
ClientSampleId :
MW-7

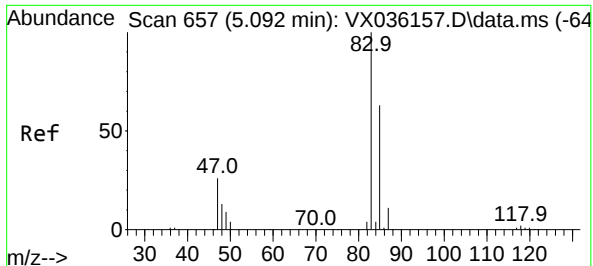
Tgt Ion:168 Resp: 171665
Ion Ratio Lower Upper
168 100
99 75.2 56.6 85.0



#16
Acetone
Concen: 2.517 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

Tgt Ion: 43 Resp: 3280
Ion Ratio Lower Upper
43 100
58 19.3 21.9 32.9#





#30

Chloroform

Concen: 0.873 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX036208.D

Acq: 19 Jun 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

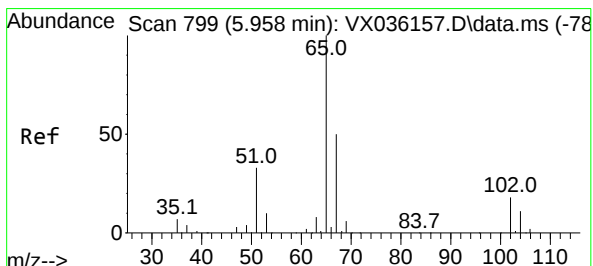
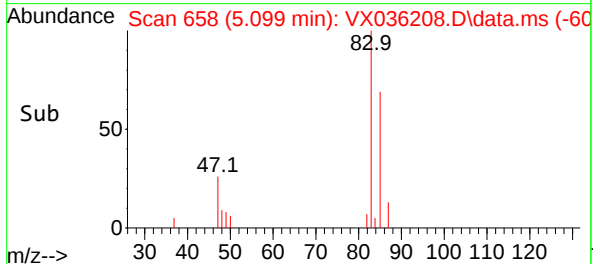
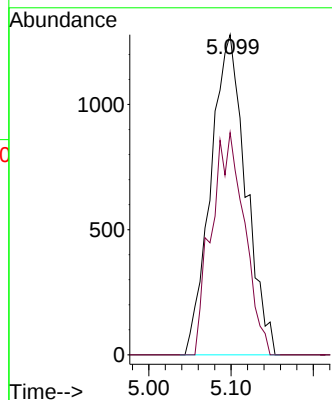
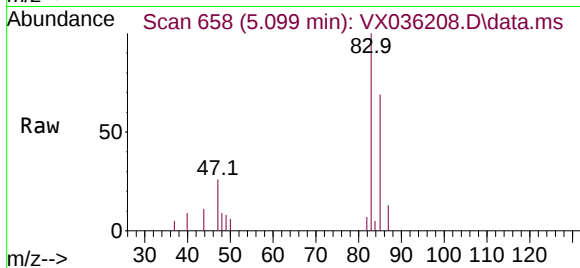
MW-7

Tgt Ion: 83 Resp: 3791

Ion Ratio Lower Upper

83 100

85 69.4 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 53.209 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036208.D

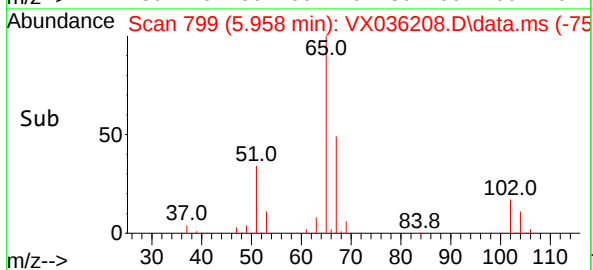
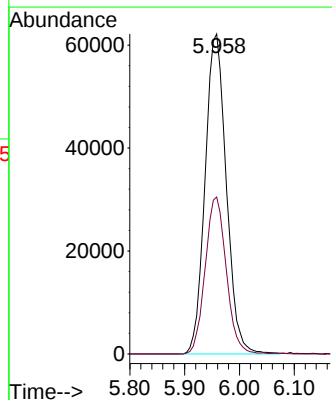
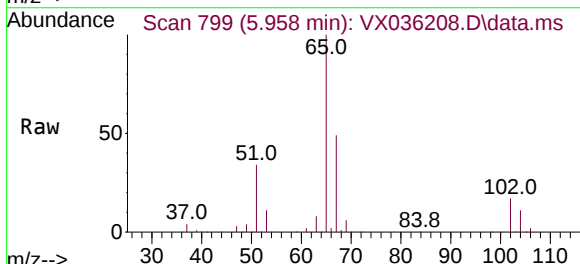
Acq: 19 Jun 2023 16:04

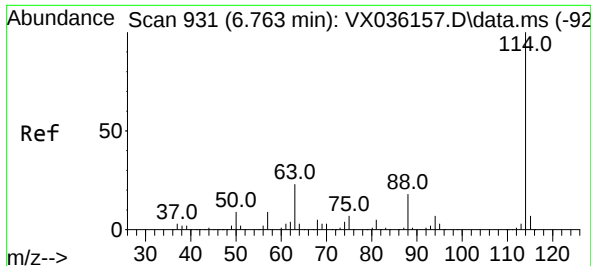
Tgt Ion: 65 Resp: 166920

Ion Ratio Lower Upper

65 100

67 48.7 0.0 100.2

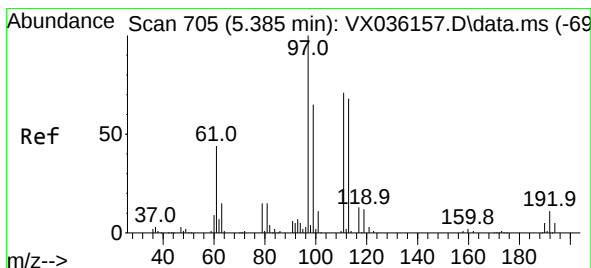
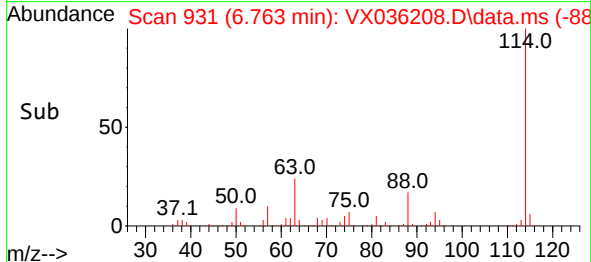
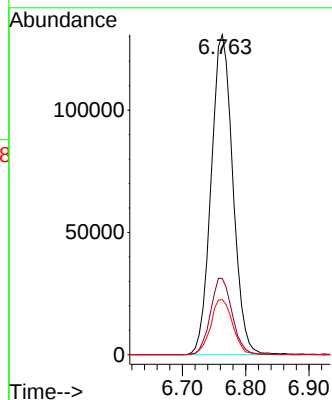
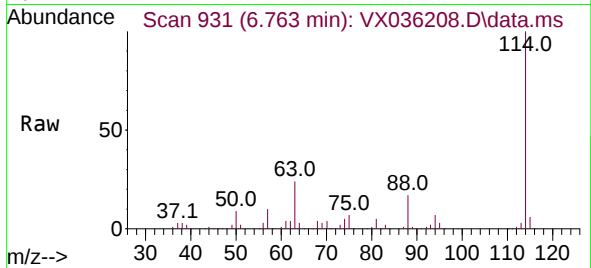




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

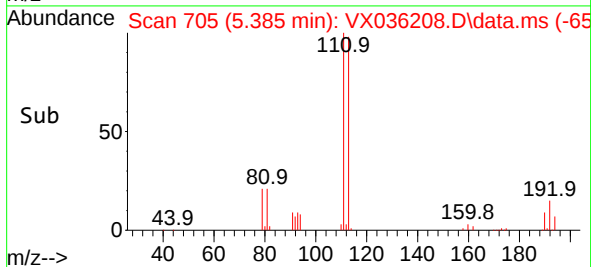
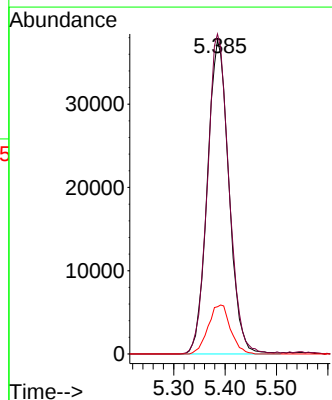
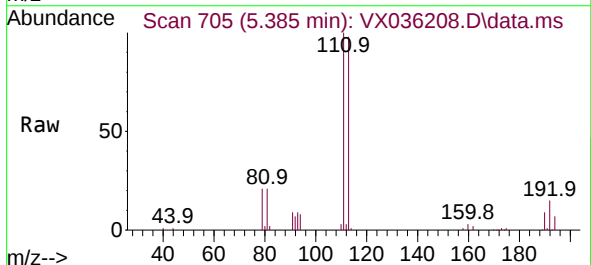
Instrument :
MSVOA_X
ClientSampleId :
MW-7

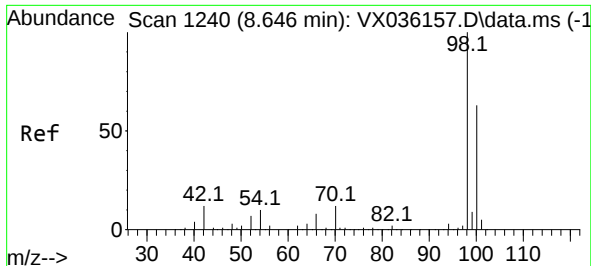
Tgt Ion:114 Resp: 311945
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.814 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

Tgt Ion:113 Resp: 109605
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 16.1 13.3 19.9

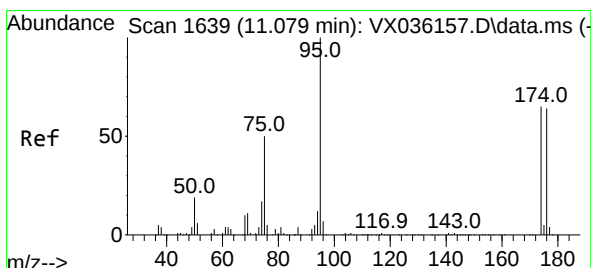
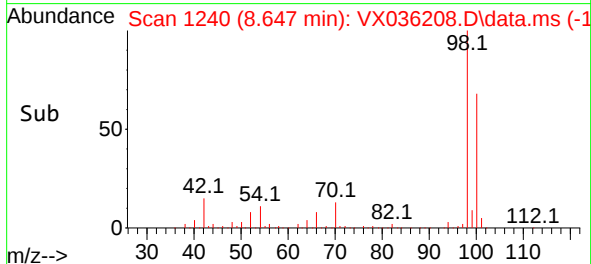
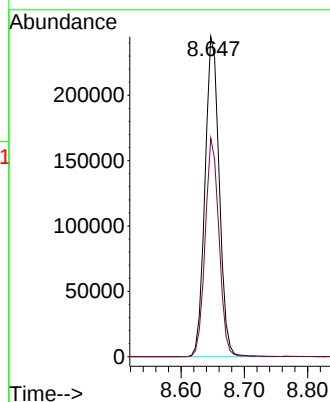
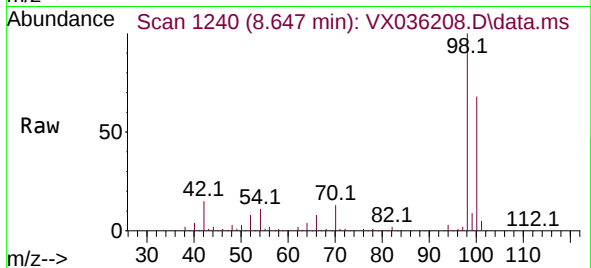




#50
Toluene-d8
Concen: 49.488 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

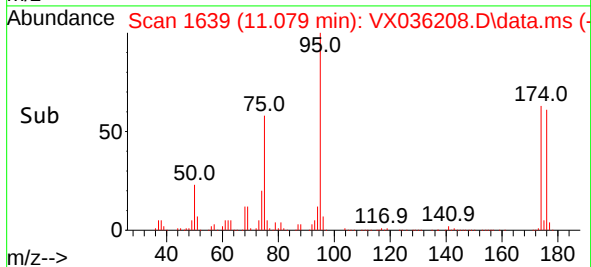
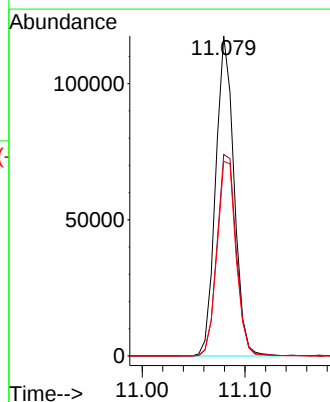
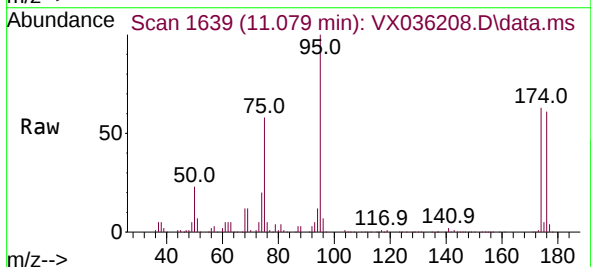
Instrument :
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ClientSampleId :
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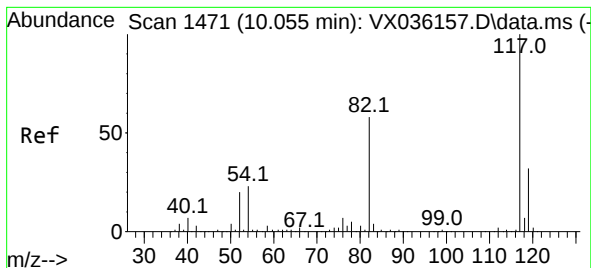
Tgt Ion: 98 Resp: 382927
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036208.D
Acq: 19 Jun 2023 16:04

Tgt Ion: 95 Resp: 145569
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.6
176 63.3 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: VX036208.D

Acq: 19 Jun 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-7

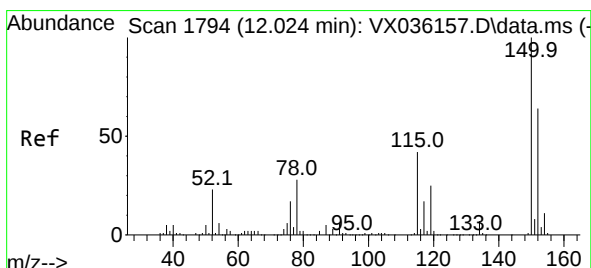
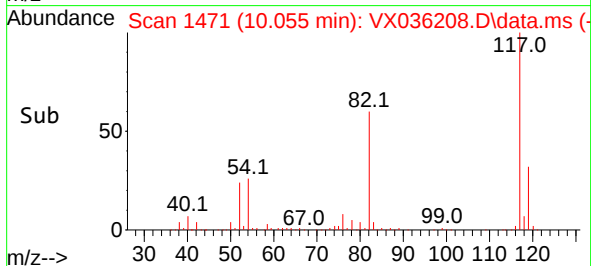
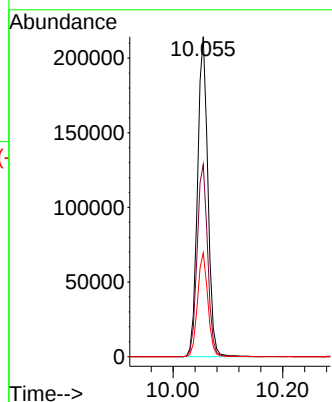
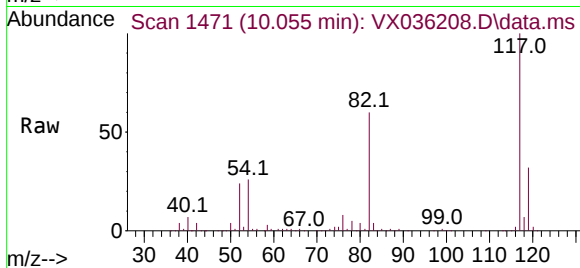
Tgt Ion:117 Resp: 282849

Ion Ratio Lower Upper

117 100

82 60.1 46.2 69.4

119 32.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036208.D

Acq: 19 Jun 2023 16:04

Tgt Ion:152 Resp: 126636

Ion Ratio Lower Upper

152 100

115 66.3 43.3 129.9

150 157.1 0.0 345.0

