

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037759.D
 Acq On : 15 Sep 2023 16:53
 Operator : JC/MD
 Sample : 04390-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-150-152

Quant Time: Sep 16 05:46:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

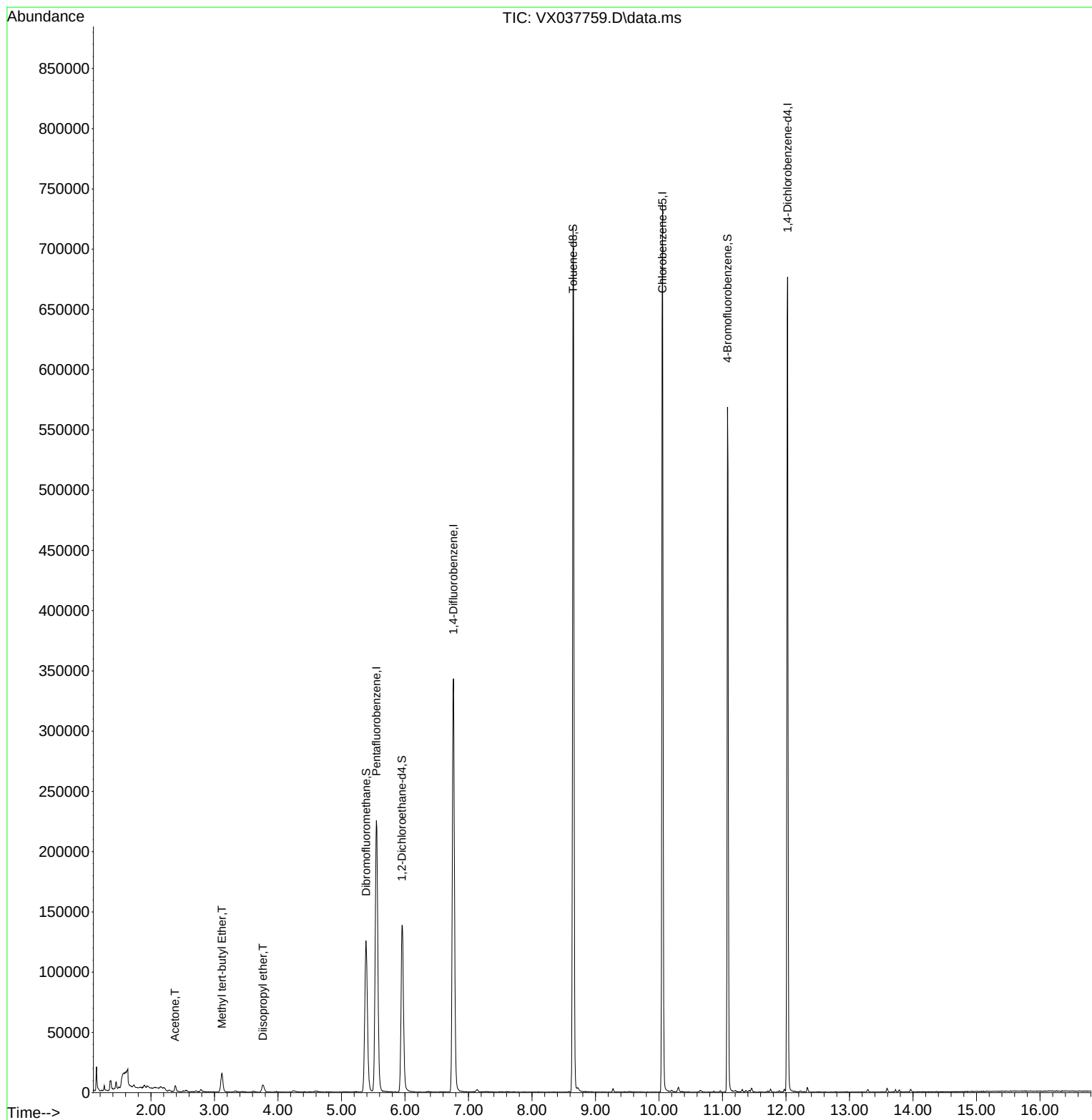
Internal Standards						
1) Pentafluorobenzene	5.550	168	218950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	362286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	131827	45.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.660%
35) Dibromofluoromethane	5.385	113	110283	45.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.980%
50) Toluene-d8	8.647	98	435948	48.401	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.800%
62) 4-Bromofluorobenzene	11.079	95	149072	45.547	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.100%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	5466	3.950	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	17415	2.216	ug/l	92
22) Diisopropyl ether	3.764	45	6623	0.894	ug/l #	71

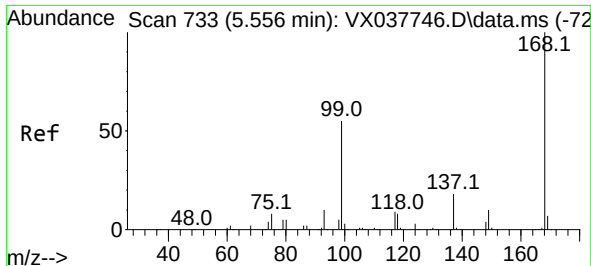
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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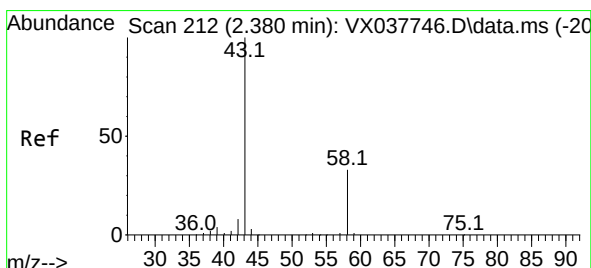
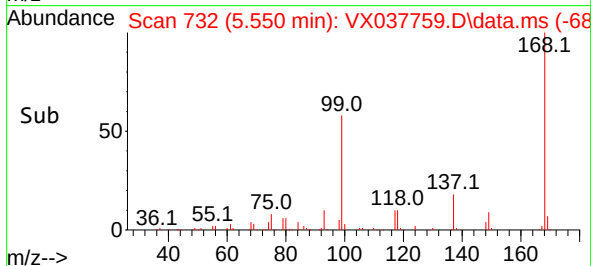
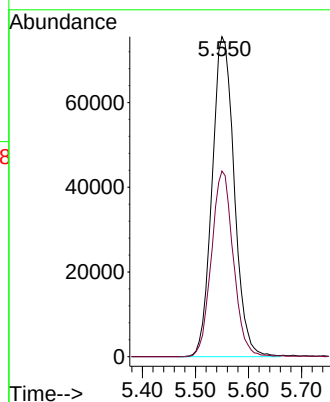
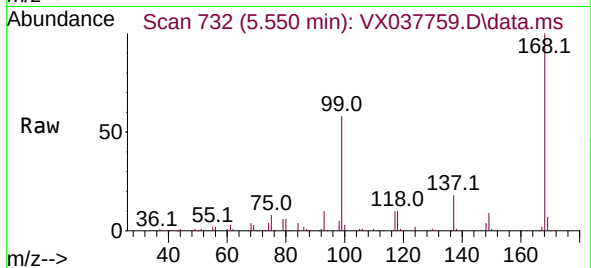




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037759.D
Acq: 15 Sep 2023 16:53

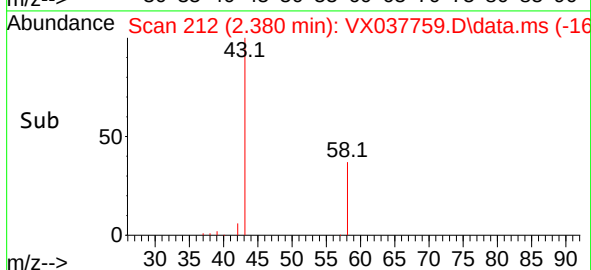
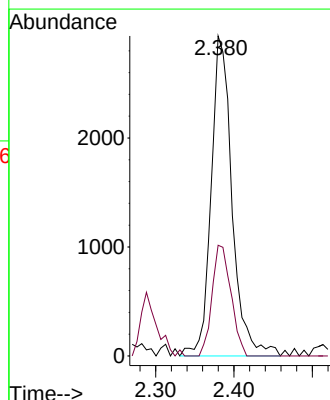
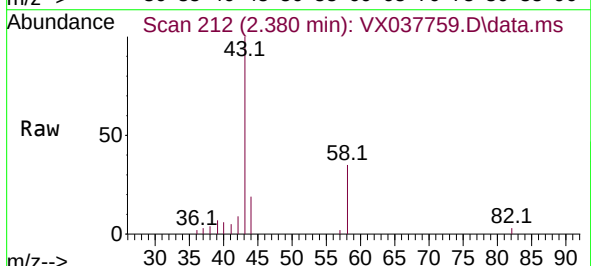
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-150-152

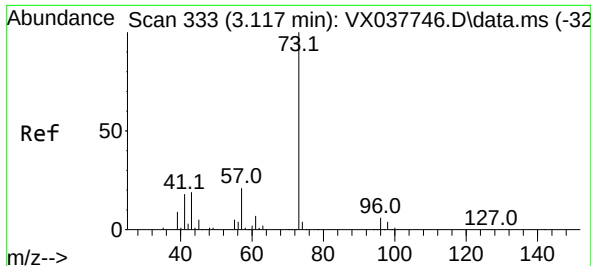
Tgt Ion:168 Resp: 218950
Ion Ratio Lower Upper
168 100
99 58.0 56.6 85.0



#16
Acetone
Concen: 3.950 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037759.D
Acq: 15 Sep 2023 16:53

Tgt Ion: 43 Resp: 5466
Ion Ratio Lower Upper
43 100
58 34.6 21.9 32.9#

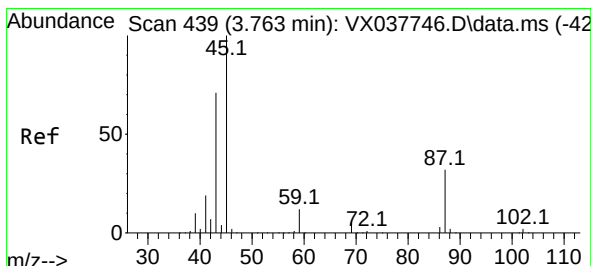
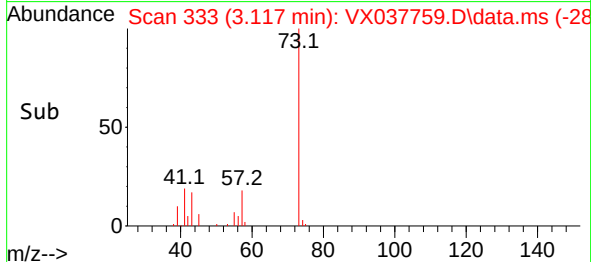
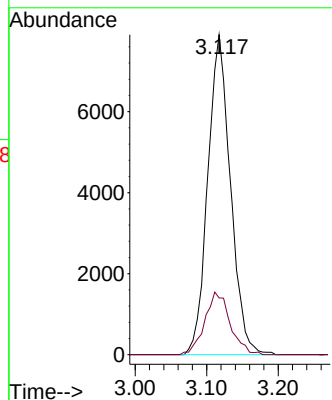
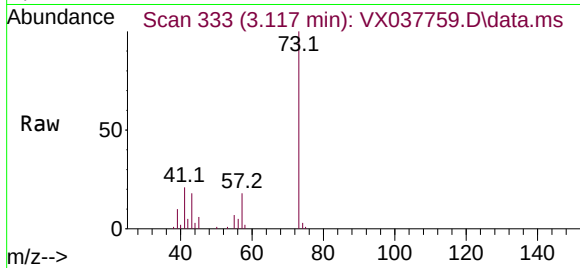




#19
Methyl tert-butyl Ether
Concen: 2.216 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037759.D
Acq: 15 Sep 2023 16:53

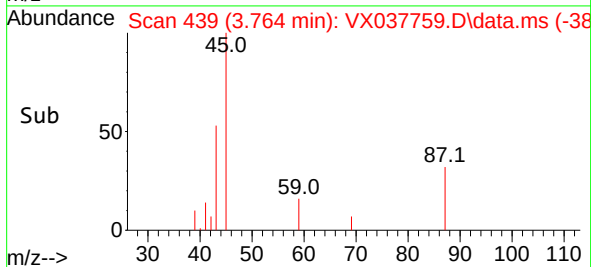
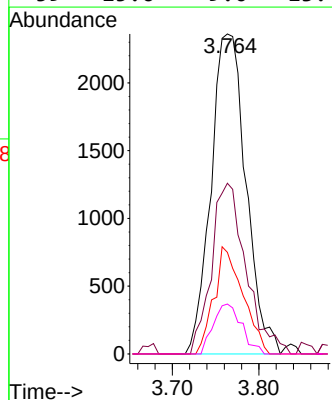
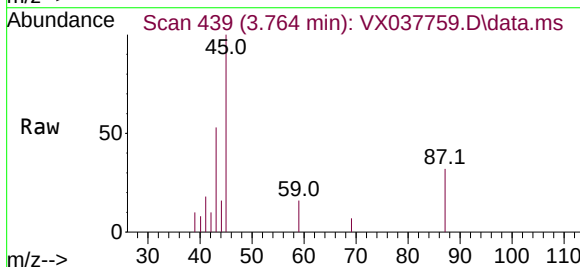
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-150-152

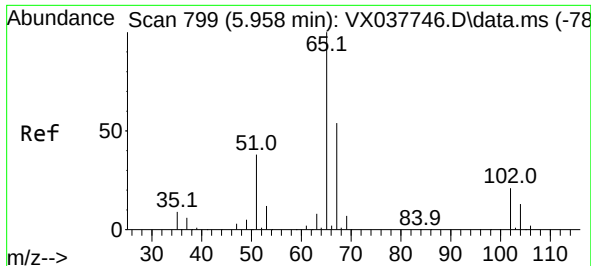
Tgt Ion: 73 Resp: 17415
Ion Ratio Lower Upper
73 100
57 17.8 17.3 25.9



#22
Diisopropyl ether
Concen: 0.894 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037759.D
Acq: 15 Sep 2023 16:53

Tgt Ion: 45 Resp: 6623
Ion Ratio Lower Upper
45 100
43 53.4 69.7 104.5#
87 31.8 20.8 31.2#
59 15.6 9.0 13.4#





#33

1,2-Dichloroethane-d4

Concen: 45.826 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037759.D

Acq: 15 Sep 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

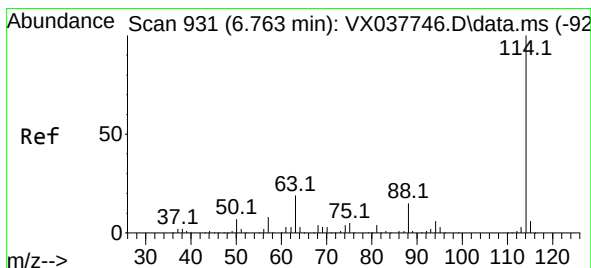
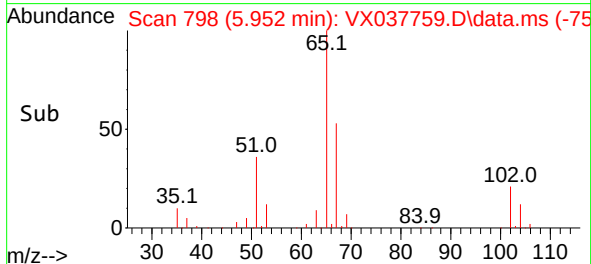
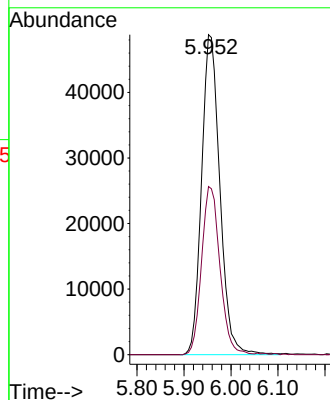
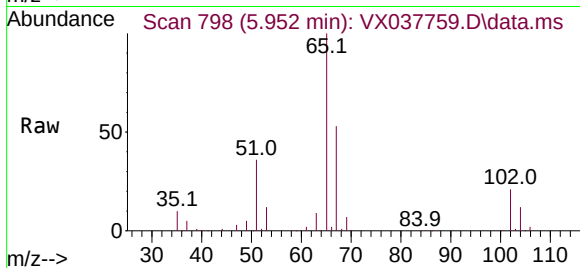
BP-VPB-RW10A-GW-150-152

Tgt Ion: 65 Resp: 131827

Ion Ratio Lower Upper

65 100

67 52.8 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: VX037759.D

Acq: 15 Sep 2023 16:53

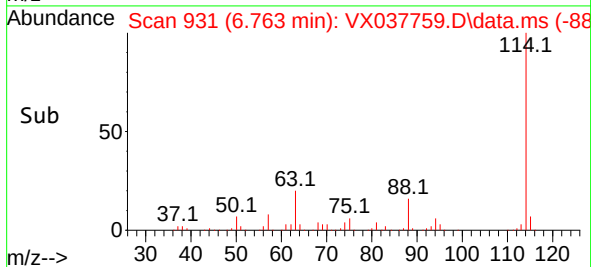
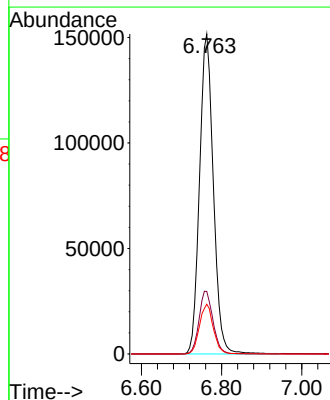
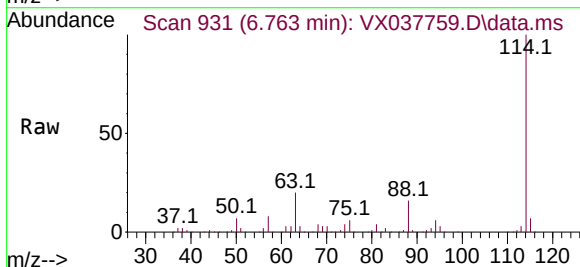
Tgt Ion:114 Resp: 362286

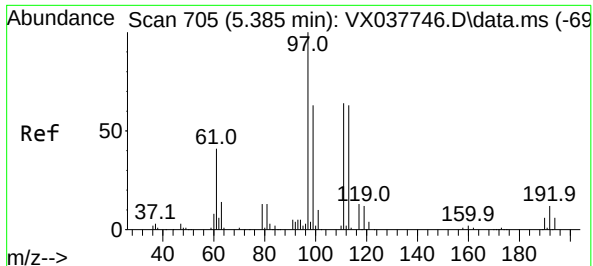
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 15.5 0.0 36.6

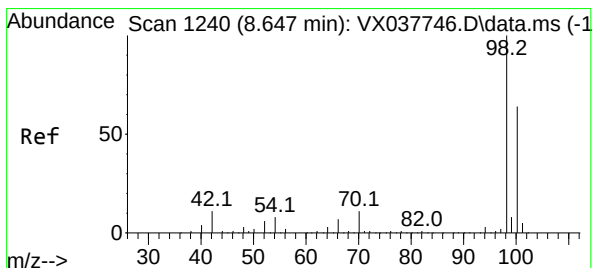
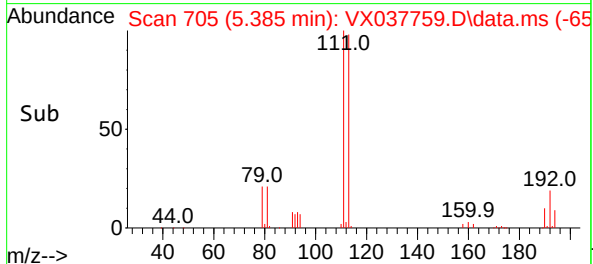
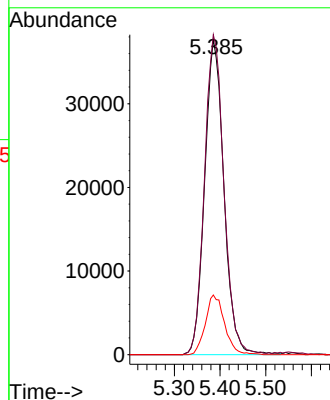
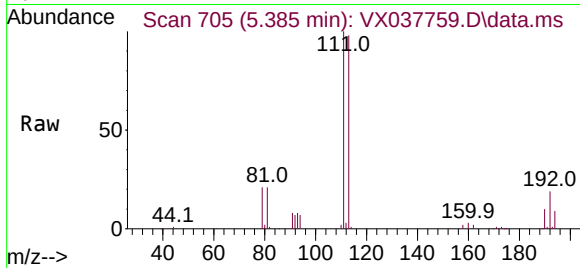




#35
Dibromofluoromethane
Concen: 45.495 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037759.D
Acq: 15 Sep 2023 16:53

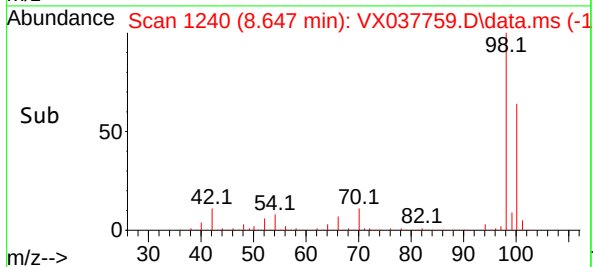
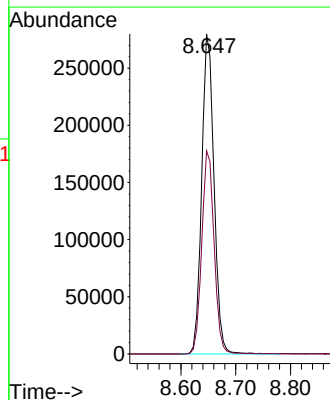
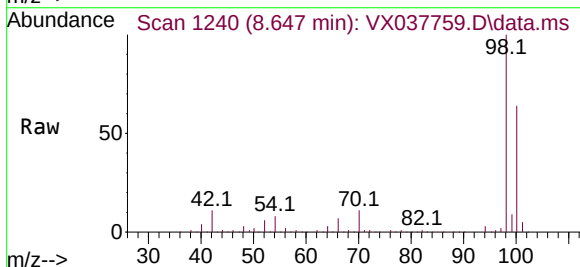
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-150-152

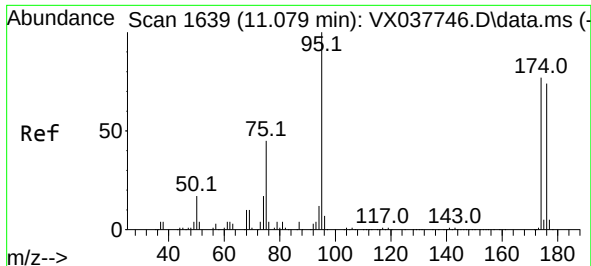
Tgt Ion:113 Resp: 110283
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.8 13.3 19.9



#50
Toluene-d8
Concen: 48.401 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037759.D
Acq: 15 Sep 2023 16:53

Tgt Ion: 98 Resp: 435948
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.547 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037759.D

Acq: 15 Sep 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-GW-150-152

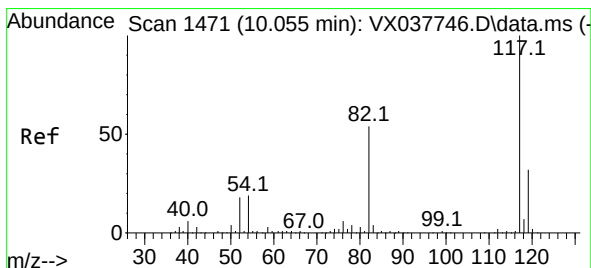
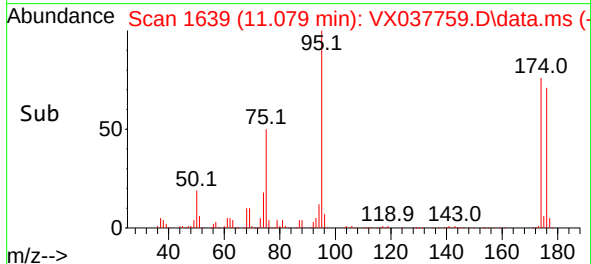
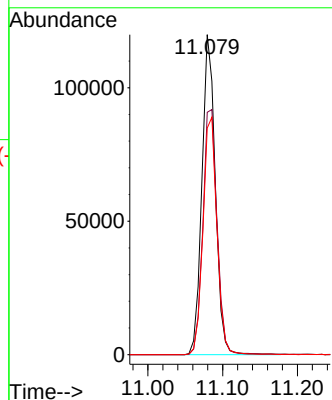
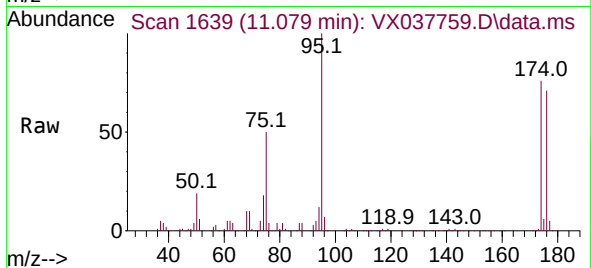
Tgt Ion: 95 Resp: 149072

Ion Ratio Lower Upper

95 100

174 81.5 0.0 135.6

176 77.5 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: VX037759.D

Acq: 15 Sep 2023 16:53

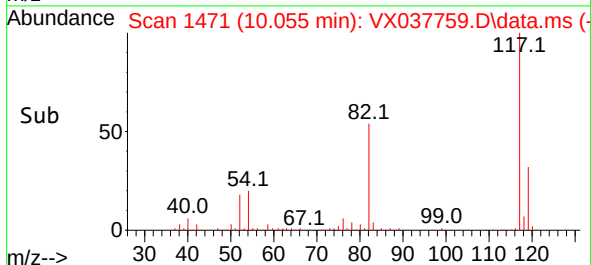
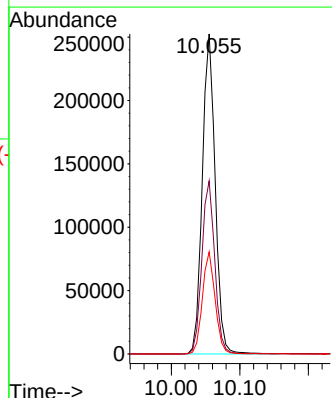
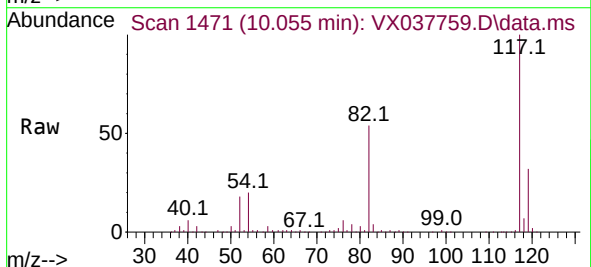
Tgt Ion: 117 Resp: 330839

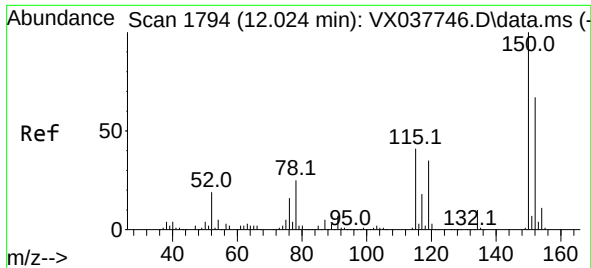
Ion Ratio Lower Upper

117 100

82 54.1 46.2 69.4

119 31.9 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: VX037759.D

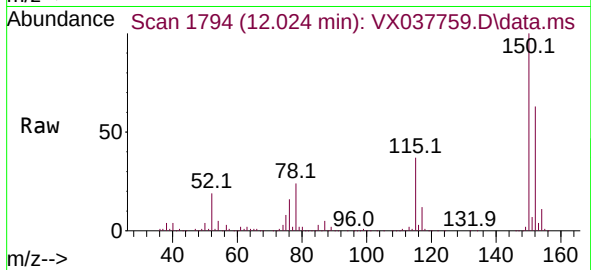
Acq: 15 Sep 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-GW-150-152



Tgt Ion:152 Resp: 143002

Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 157.9 0.0 345.0

