

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037732.D
 Acq On : 14 Sep 2023 16:39
 Operator : JC/MD
 Sample : 04390-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 14 17:42:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

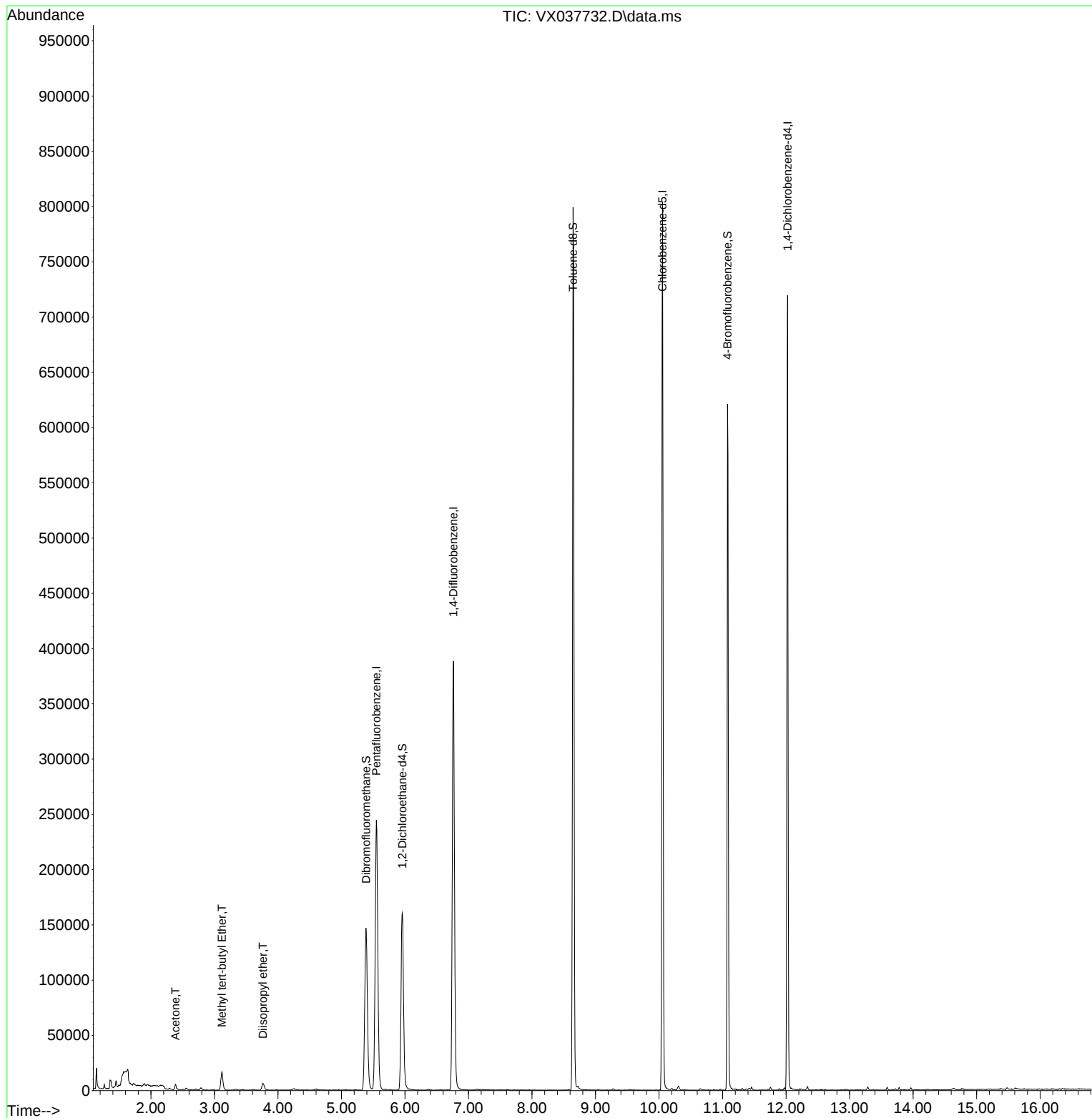
Internal Standards						
1) Pentafluorobenzene	5.550	168	234925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	405741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157923	41.549	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.100%
35) Dibromofluoromethane	5.385	113	128006	44.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.020%
50) Toluene-d8	8.647	98	482098	44.448	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.900%#
62) 4-Bromofluorobenzene	11.079	95	162264	41.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.940%#
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	5304	3.452	ug/l	89
19) Methyl tert-butyl Ether	3.117	73	17908	1.877	ug/l	94
22) Diisopropyl ether	3.763	45	6592	0.715	ug/l #	68

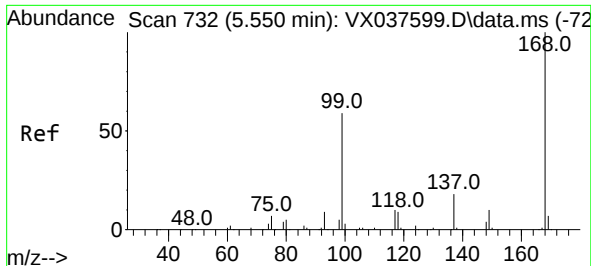
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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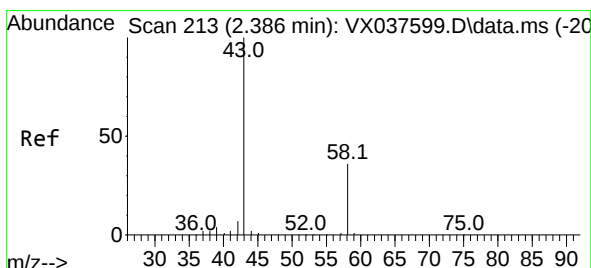
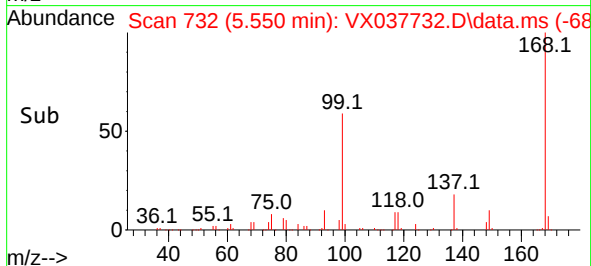
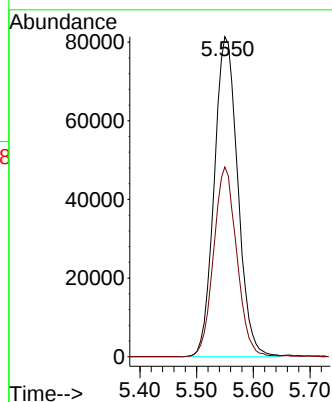
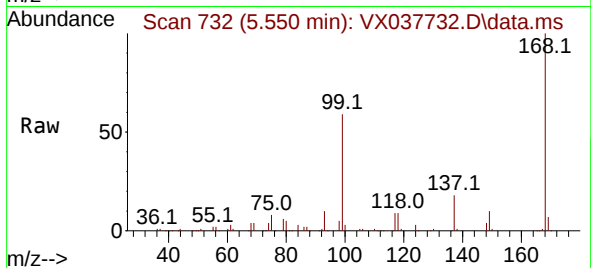




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

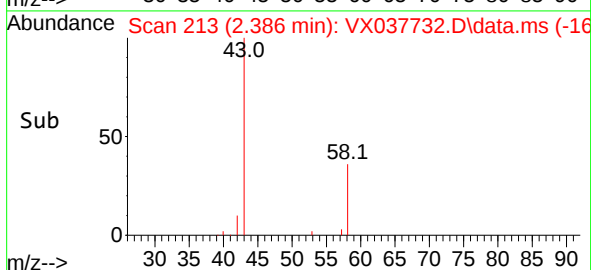
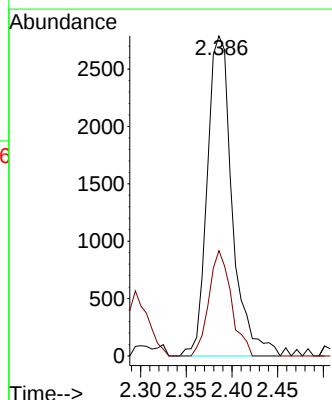
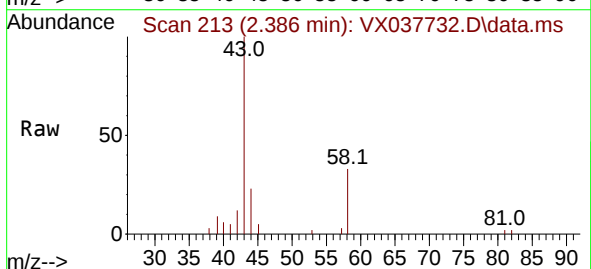
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-150-152

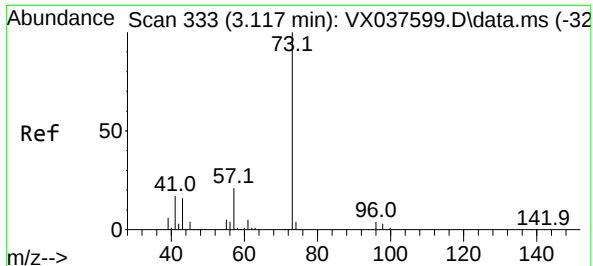
Tgt Ion:168 Resp: 234925
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#16
Acetone
Concen: 3.452 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 43 Resp: 5304
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9

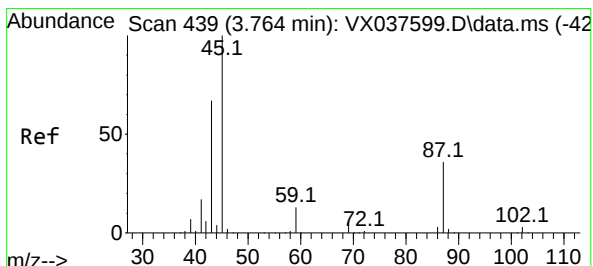
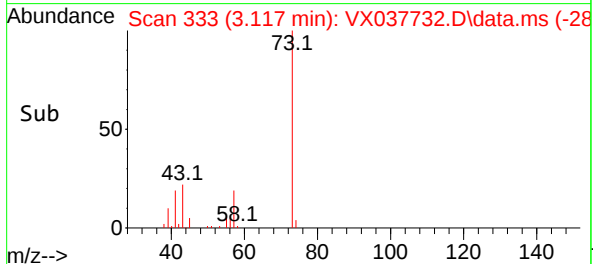
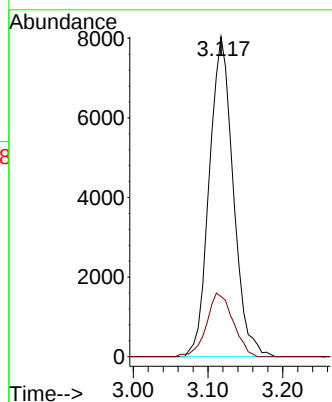
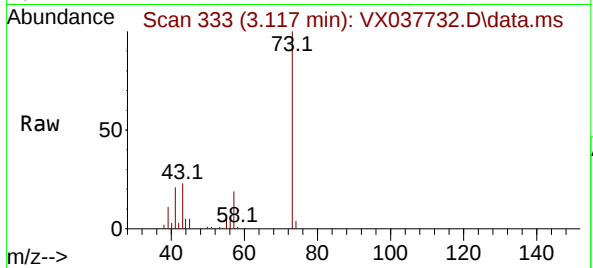




#19
Methyl tert-butyl Ether
Concen: 1.877 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

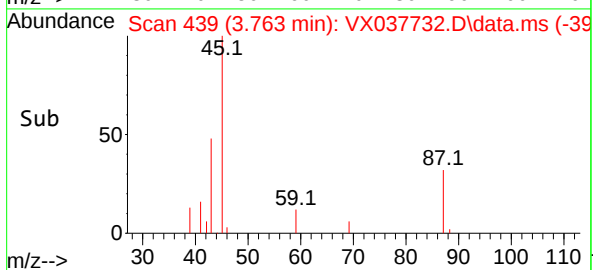
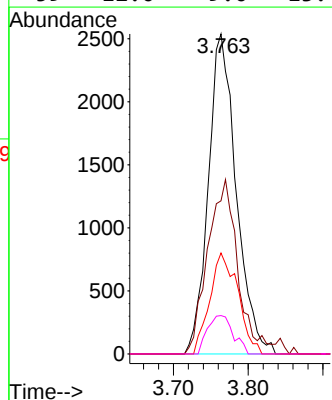
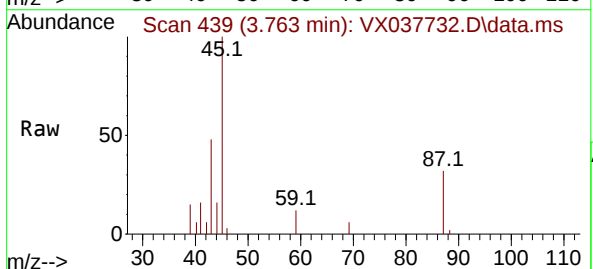
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-150-152

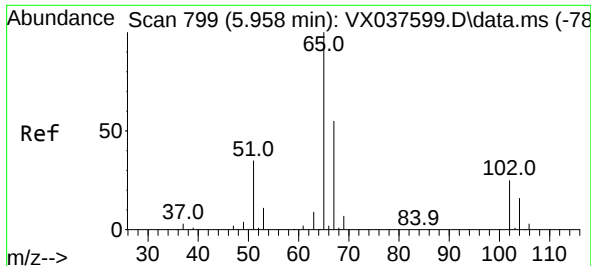
Tgt Ion: 73 Resp: 17908
Ion Ratio Lower Upper
73 100
57 18.8 17.3 25.9



#22
Diisopropyl ether
Concen: 0.715 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 45 Resp: 6592
Ion Ratio Lower Upper
45 100
43 47.9 69.7 104.5#
87 31.6 20.8 31.2#
59 12.0 9.0 13.4





#33

1,2-Dichloroethane-d4

Concen: 41.549 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037732.D

Acq: 14 Sep 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

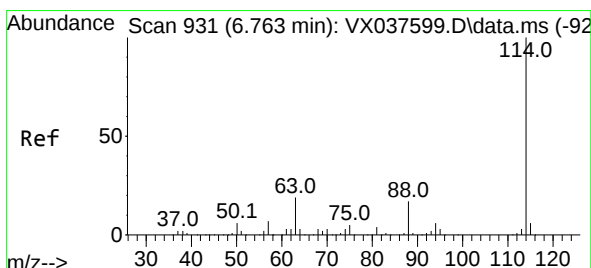
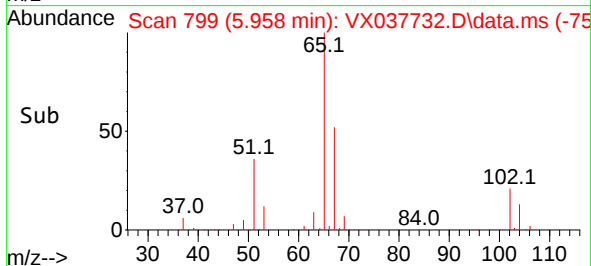
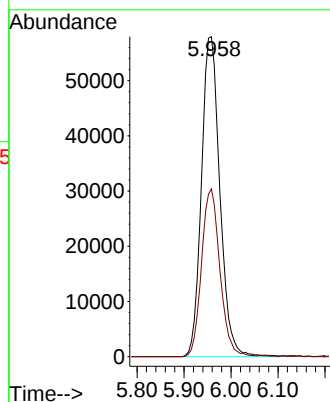
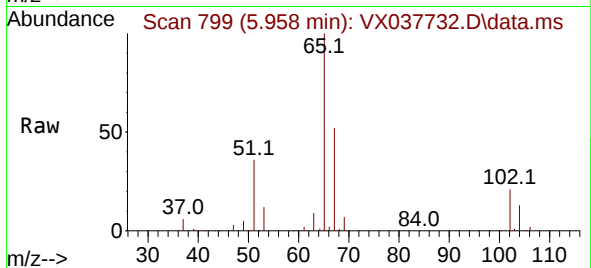
BP-VPB-RW10A-GW-150-152

Tgt Ion: 65 Resp: 157923

Ion Ratio Lower Upper

65 100

67 52.2 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: VX037732.D

Acq: 14 Sep 2023 16:39

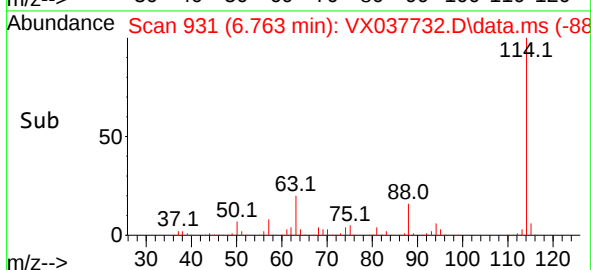
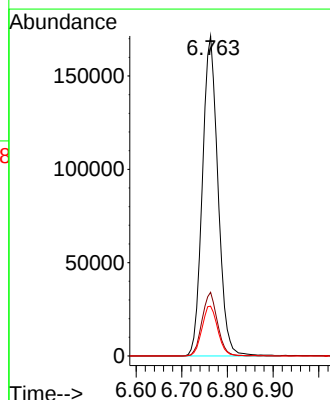
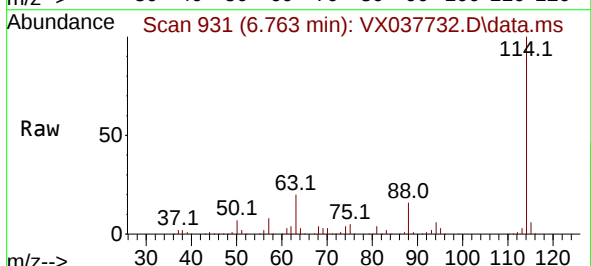
Tgt Ion: 114 Resp: 405741

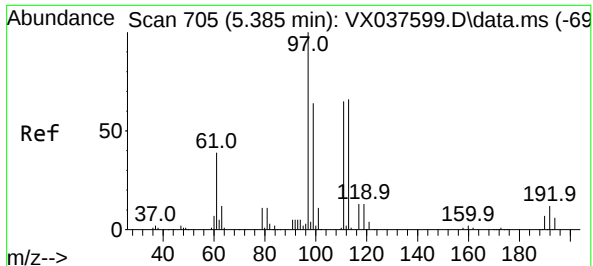
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.509 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037732.D

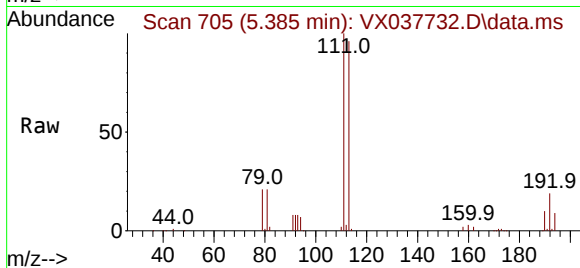
Acq: 14 Sep 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-GW-150-152



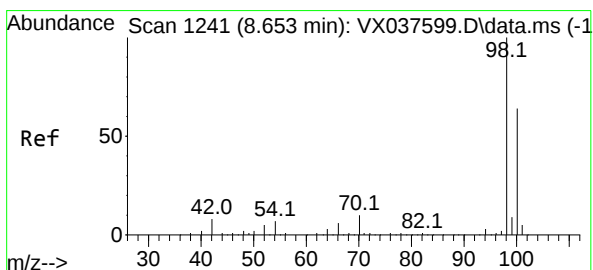
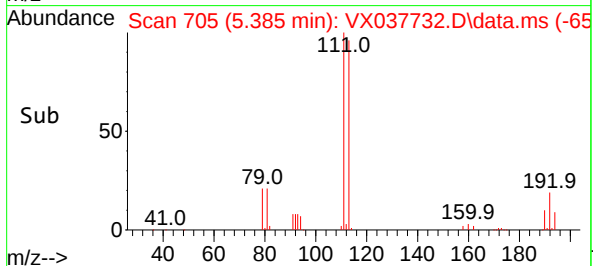
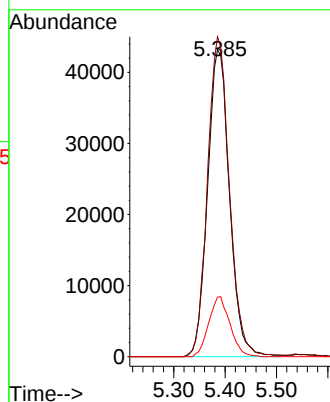
Tgt Ion:113 Resp: 128006

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

192 18.9 13.3 19.9



#50

Toluene-d8

Concen: 44.448 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX037732.D

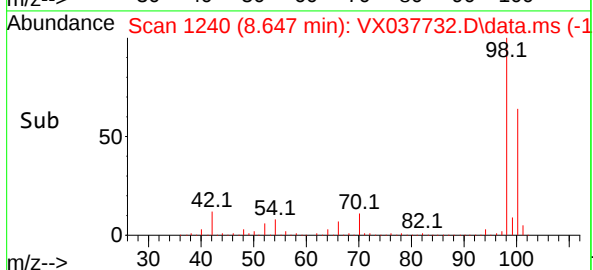
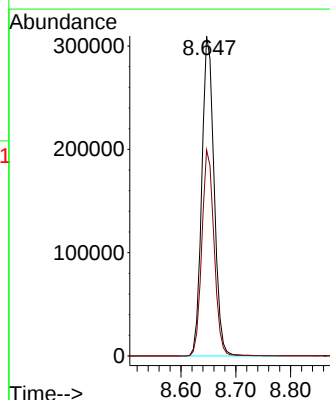
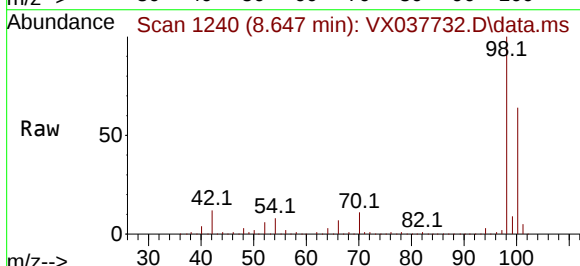
Acq: 14 Sep 2023 16:39

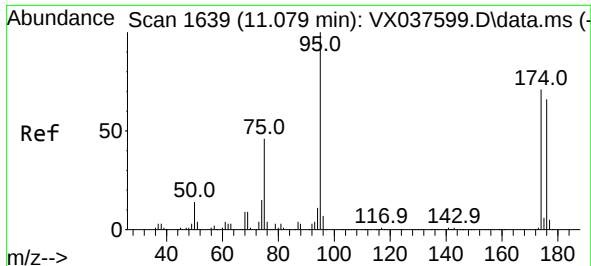
Tgt Ion: 98 Resp: 482098

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 41.467 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037732.D

Acq: 14 Sep 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-GW-150-152

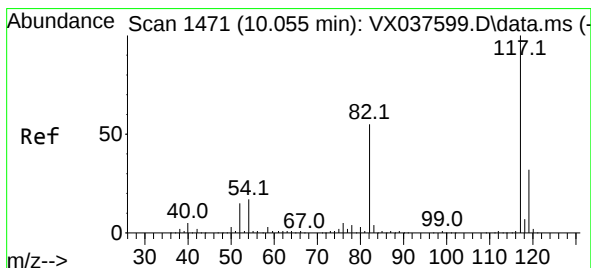
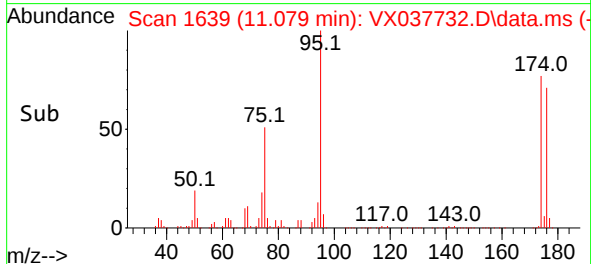
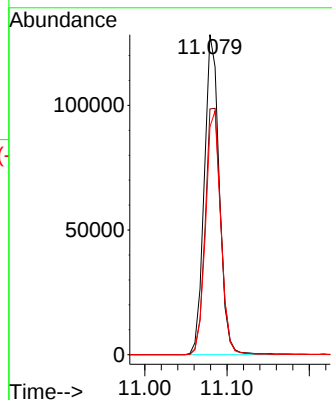
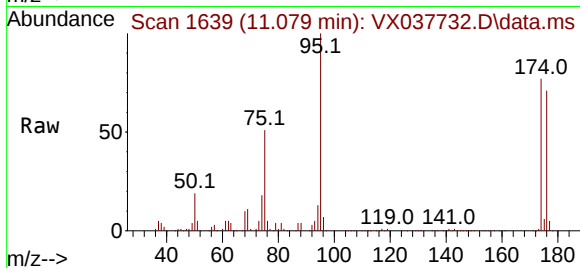
Tgt Ion: 95 Resp: 162264

Ion Ratio Lower Upper

95 100

174 80.8 0.0 135.6

176 77.2 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: VX037732.D

Acq: 14 Sep 2023 16:39

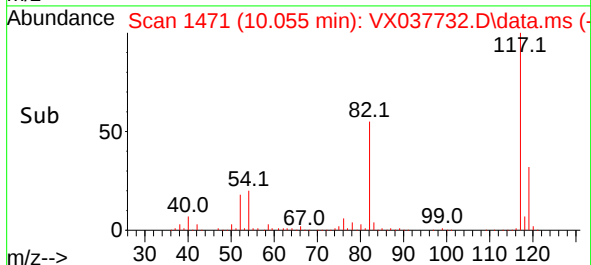
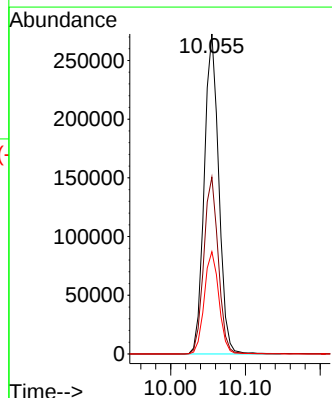
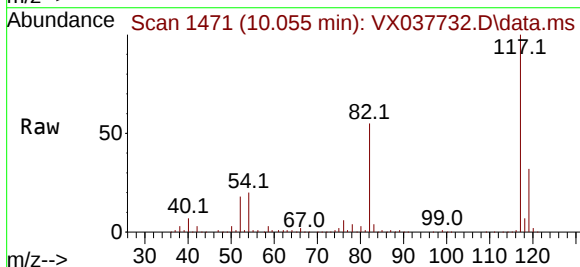
Tgt Ion: 117 Resp: 367213

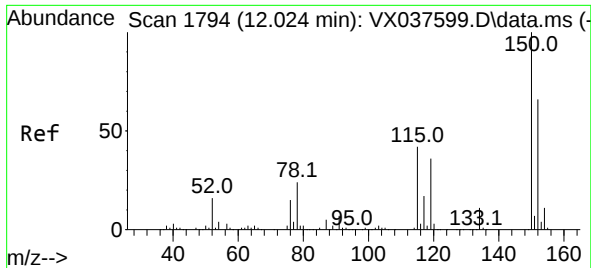
Ion Ratio Lower Upper

117 100

82 55.2 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: VX037732.D

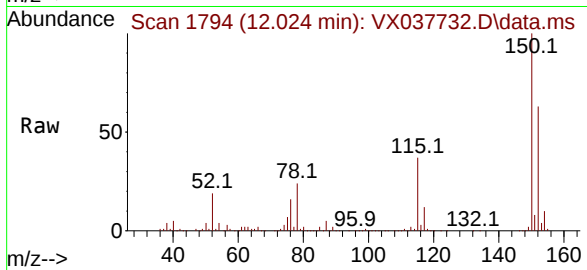
Acq: 14 Sep 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-GW-150-152



Tgt Ion:152 Resp: 150603

Ion Ratio Lower Upper

152 100

115 59.7 43.3 129.9

150 158.3 0.0 345.0

