

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037755.D
 Acq On : 15 Sep 2023 15:16
 Operator : JC/MD
 Sample : 04390-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-98-100

Quant Time: Sep 16 05:45:01 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)

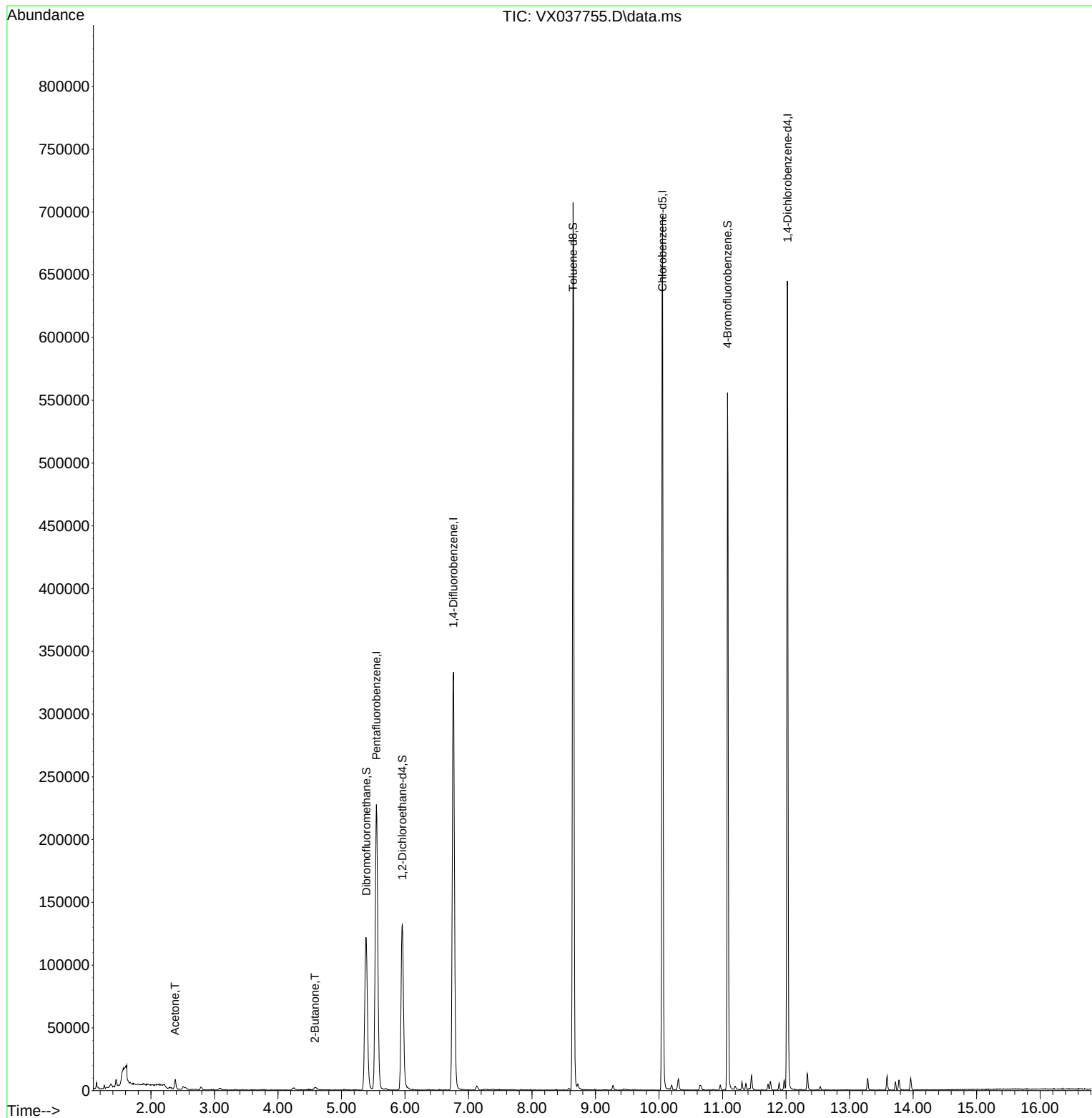
Internal Standards						
1) Pentafluorobenzene	5.550	168	218063	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	355941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129671	45.260	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.520%
35) Dibromofluoromethane	5.391	113	108873	45.714	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.420%
50) Toluene-d8	8.647	98	426849	48.236	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.079	95	143388	44.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.180%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	8564	6.214	ug/l	# 85
25) 2-Butanone	4.580	43	3456	1.777	ug/l	96

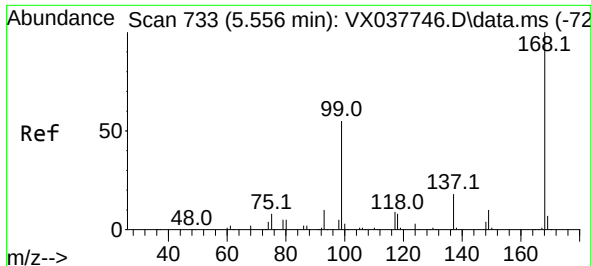
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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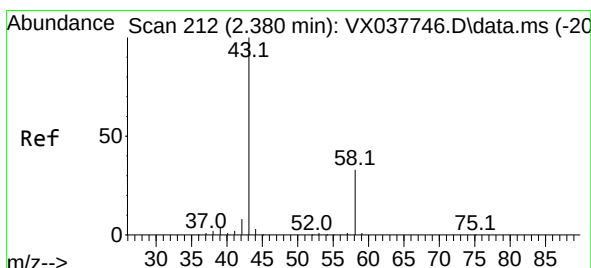
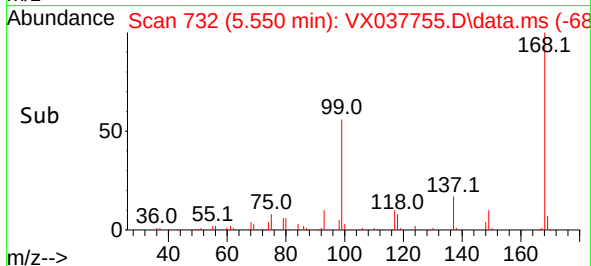
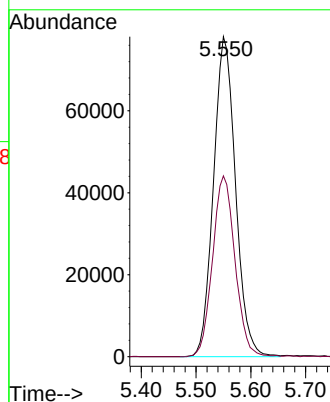
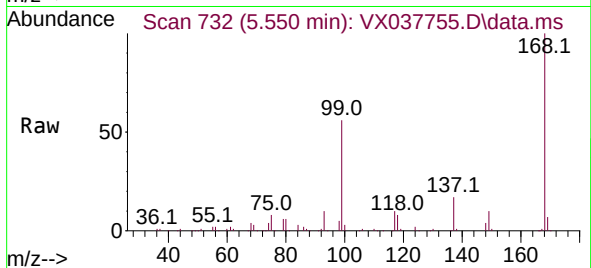




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

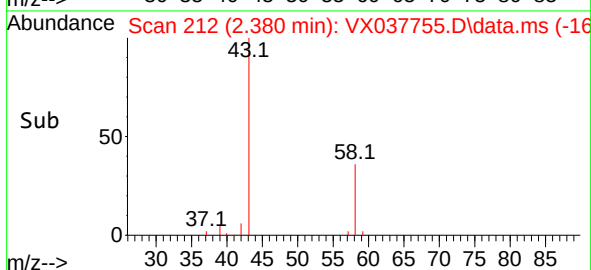
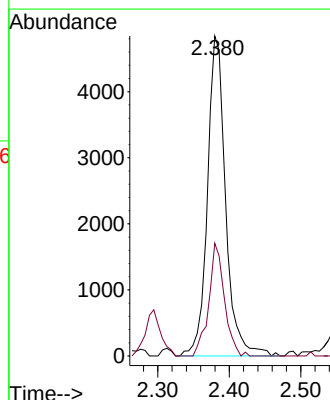
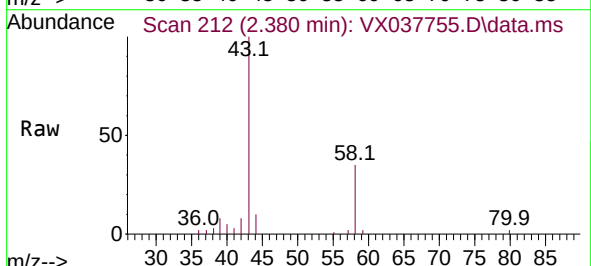
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

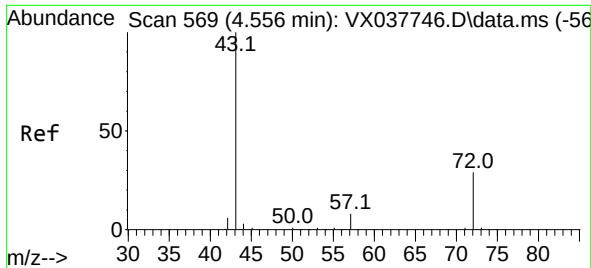
Tgt Ion:168 Resp: 218063
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#16
Acetone
Concen: 6.214 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 43 Resp: 8564
Ion Ratio Lower Upper
43 100
58 35.2 21.9 32.9#

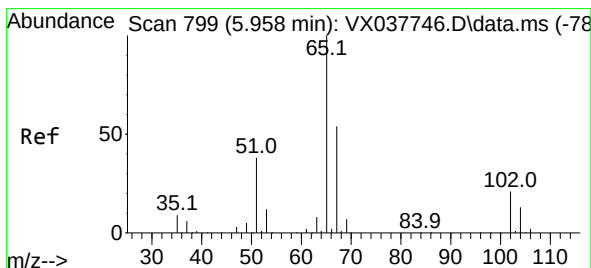
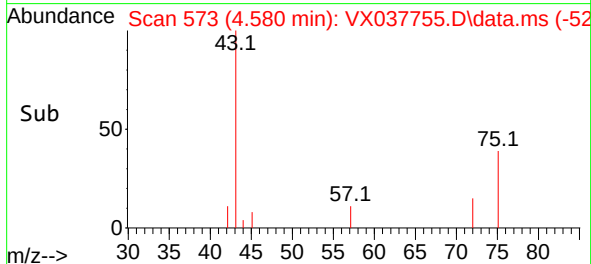
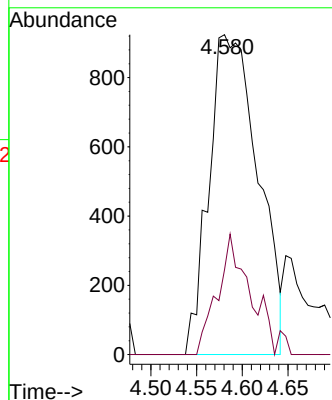
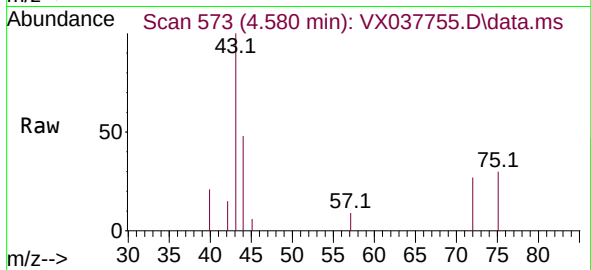




#25
2-Butanone
Concen: 1.777 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

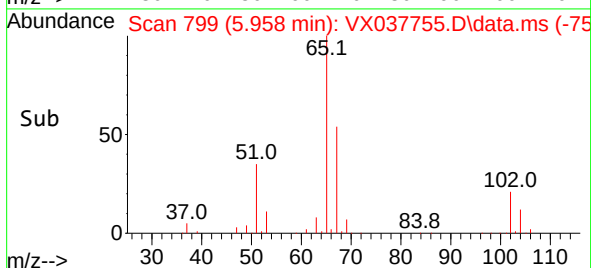
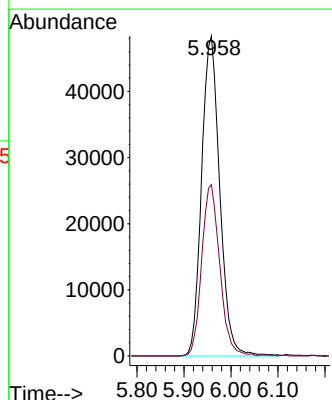
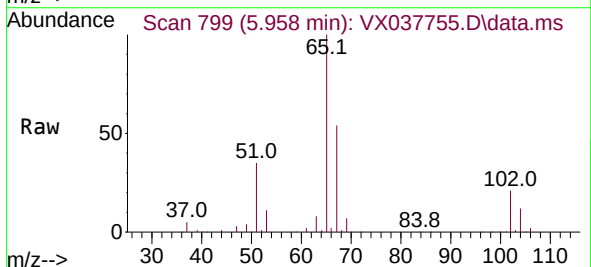
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

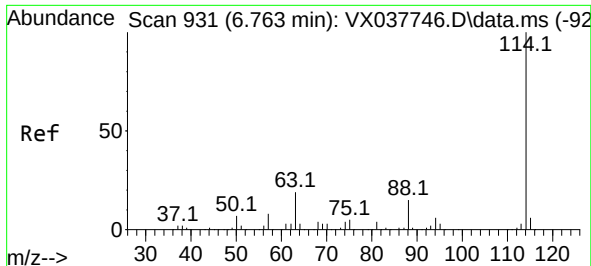
Tgt Ion: 43 Resp: 3456
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 45.260 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 65 Resp: 129671
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.2

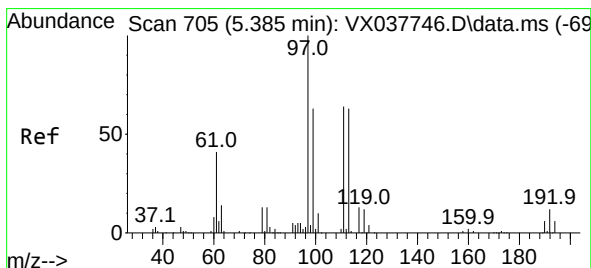
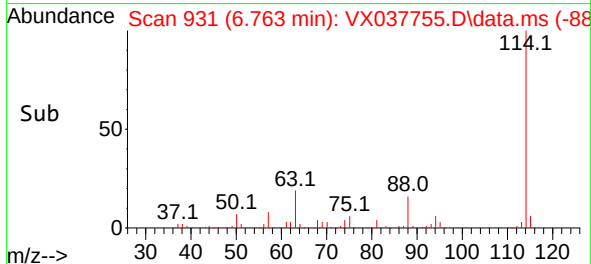
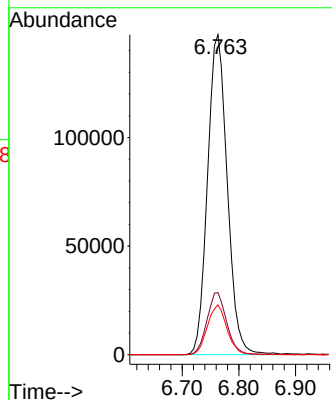
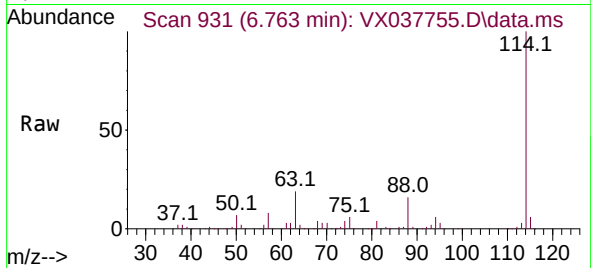




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

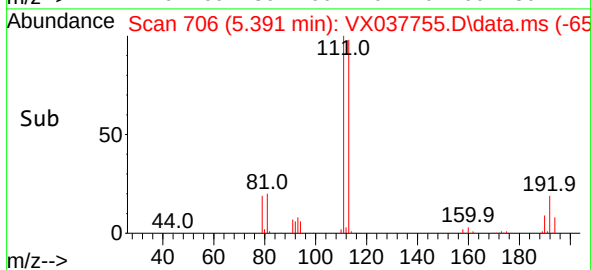
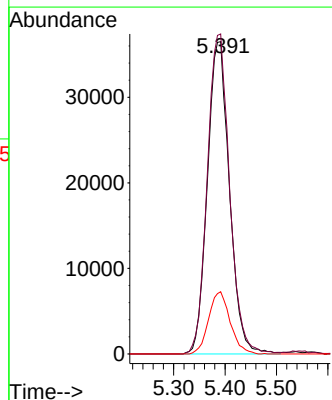
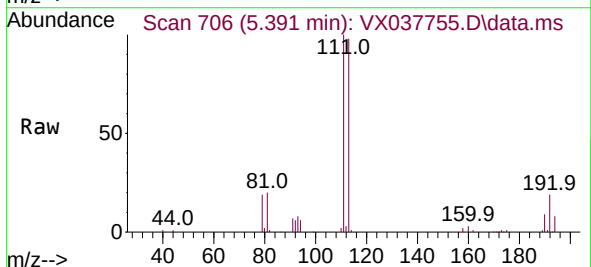
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

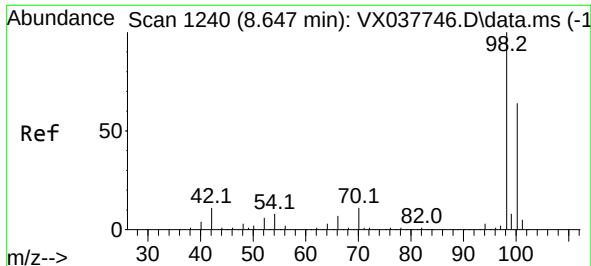
Tgt Ion:114 Resp: 355941
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.714 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion:113 Resp: 108873
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 19.4 13.3 19.9

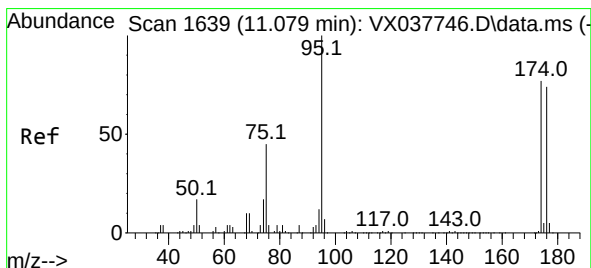
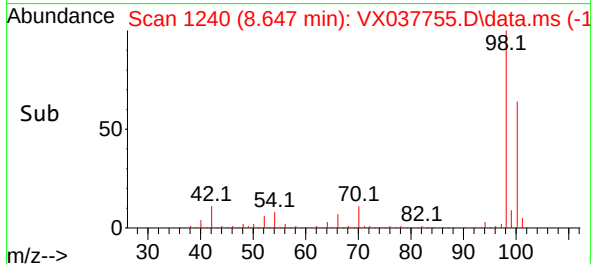
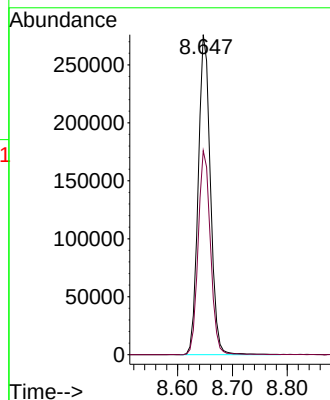
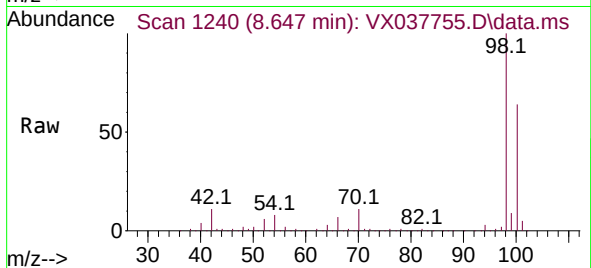




#50
Toluene-d8
Concen: 48.236 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

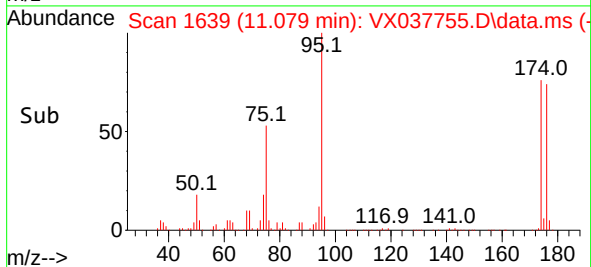
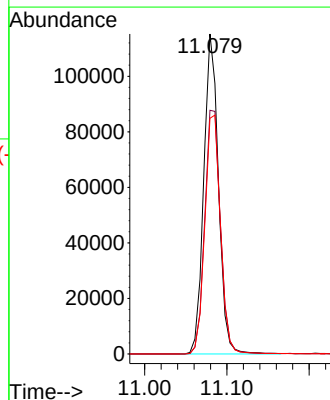
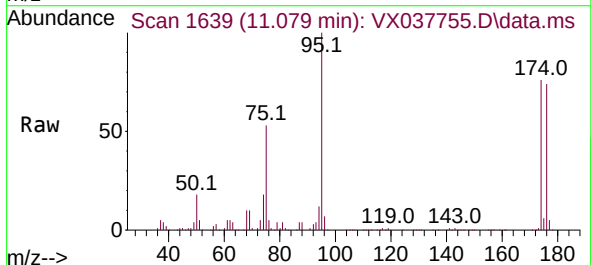
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-98-100

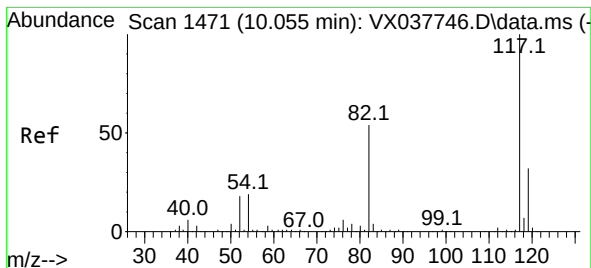
Tgt Ion: 98 Resp: 426849
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037755.D
Acq: 15 Sep 2023 15:16

Tgt Ion: 95 Resp: 143388
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 79.8 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: VX037755.D

Acq: 15 Sep 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-GW-98-100

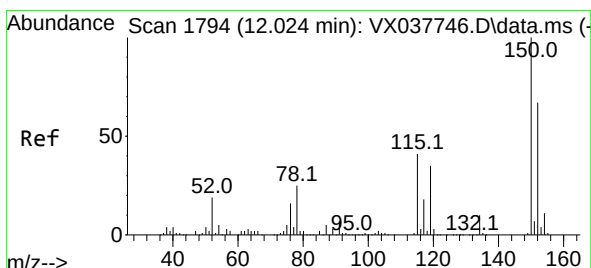
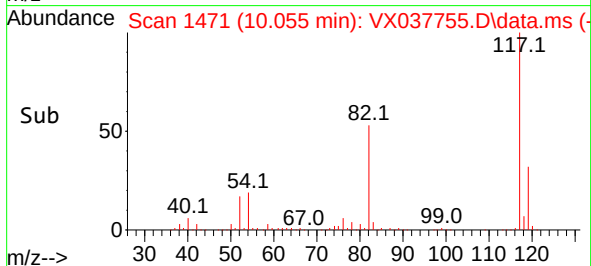
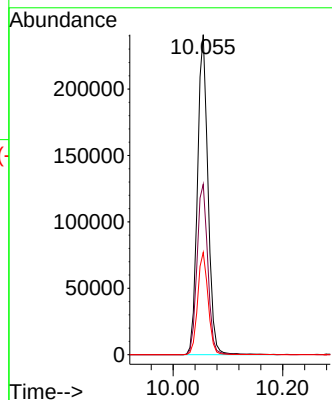
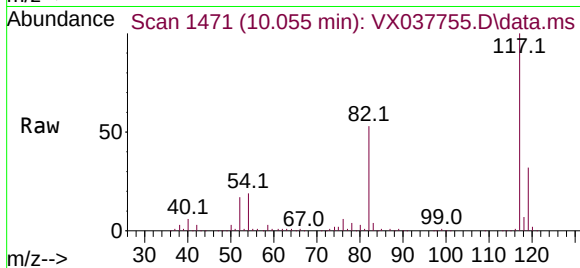
Tgt Ion:117 Resp: 322021

Ion Ratio Lower Upper

117 100

82 53.2 46.2 69.4

119 32.0 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: VX037755.D

Acq: 15 Sep 2023 15:16

Tgt Ion:152 Resp: 140480

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 156.2 0.0 345.0

