

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037774.D
 Acq On : 18 Sep 2023 14:07
 Operator : JC/MD
 Sample : 04437-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-DUP-20230911

Quant Time: Sep 18 17:56:50 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)

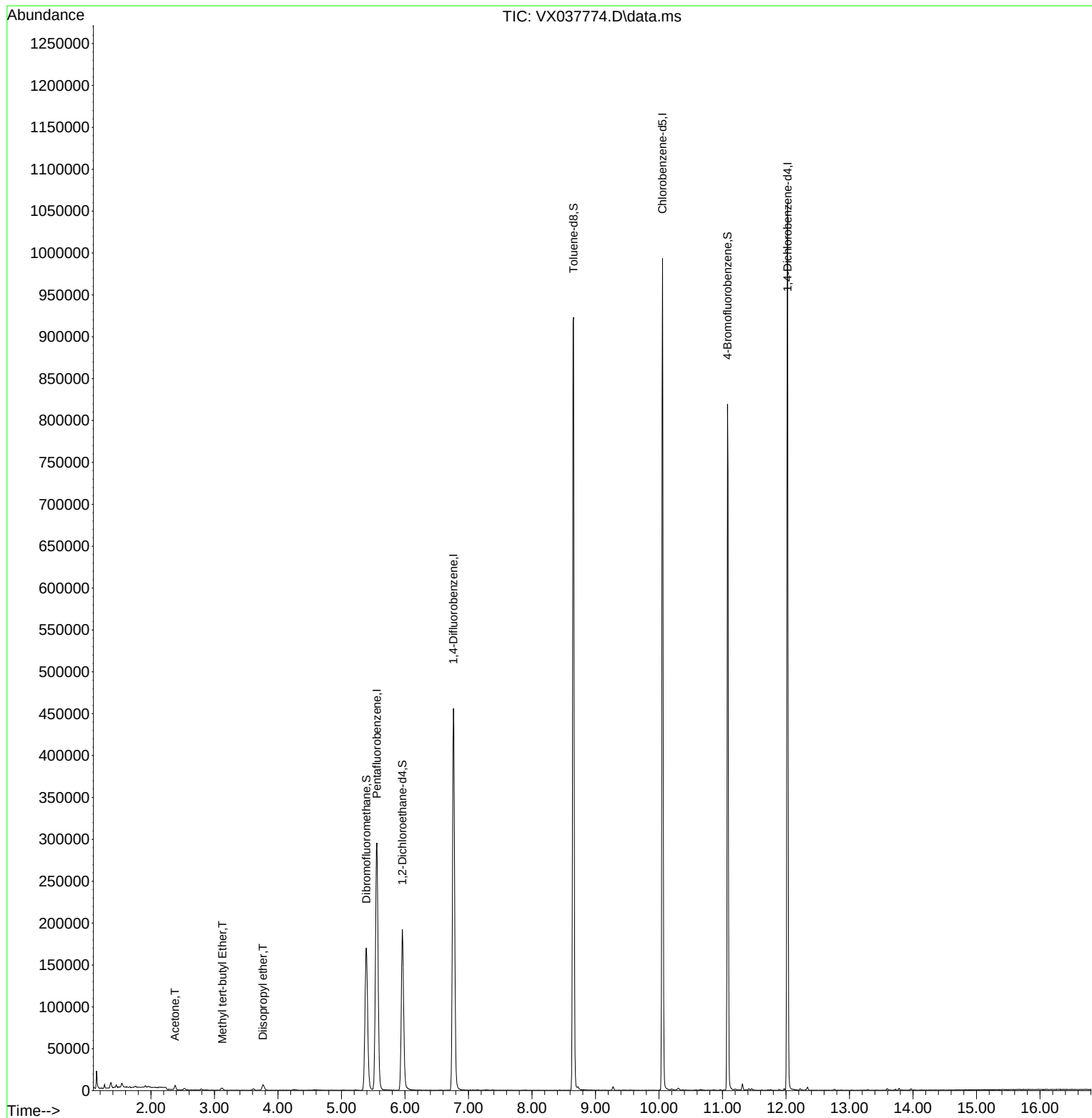
Internal Standards						
1) Pentafluorobenzene	5.556	168	291412	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	482588	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175902	45.943	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.880%
35) Dibromofluoromethane	5.391	113	150394	46.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.653	98	571640	47.645	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.300%
62) 4-Bromofluorobenzene	11.079	95	213732	49.024	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.040%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	6248	3.392	ug/l	# 88
19) Methyl tert-butyl Ether	3.123	73	2825	0.270	ug/l	# 78
22) Diisopropyl ether	3.764	45	6714	0.681	ug/l	# 72

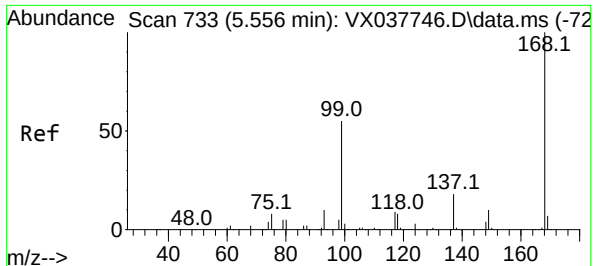
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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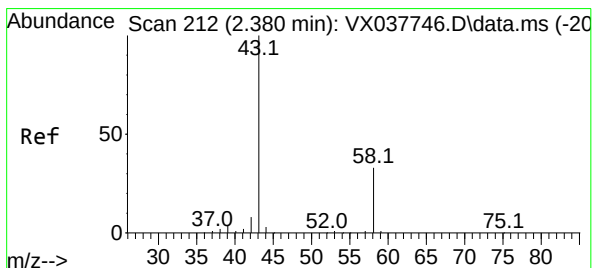
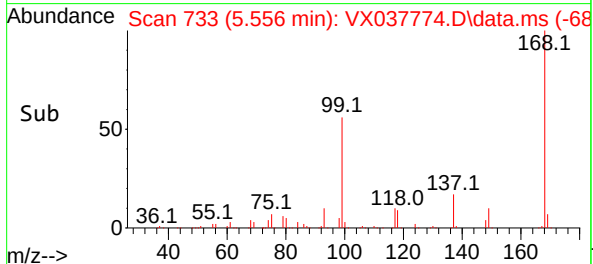
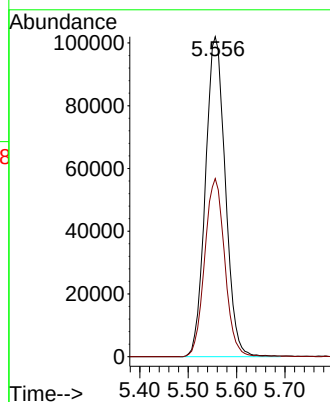
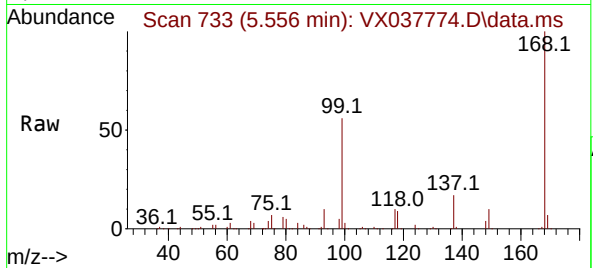




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

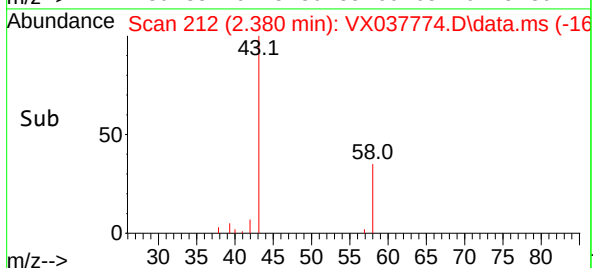
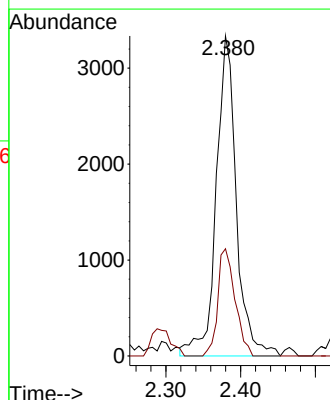
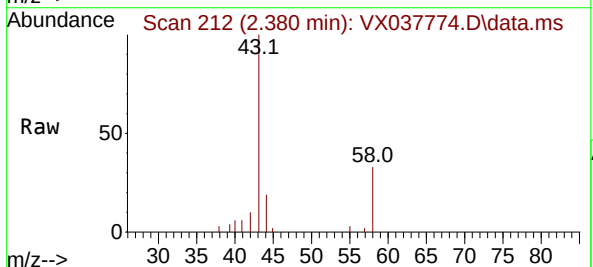
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-DUP-20230911

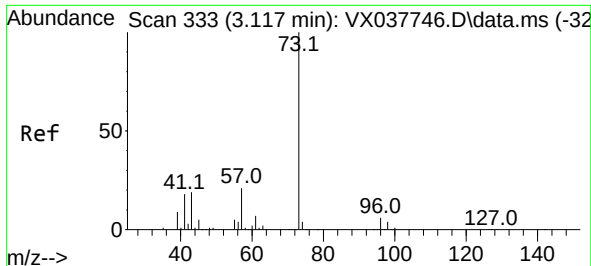
Tgt Ion:168 Resp: 291412
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#16
Acetone
Concen: 3.392 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

Tgt Ion: 43 Resp: 6248
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#

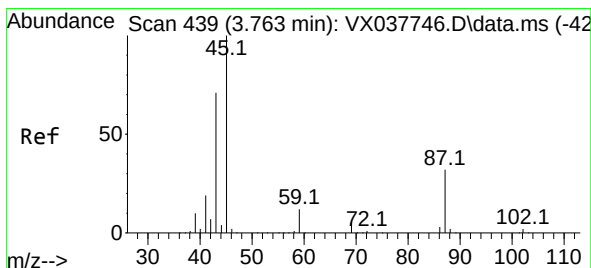
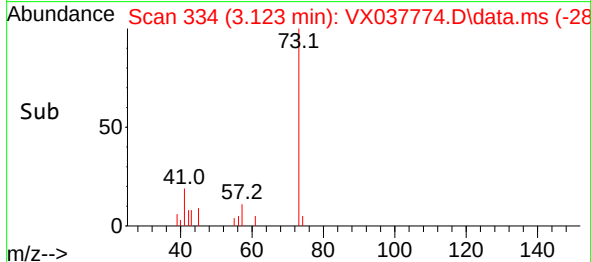
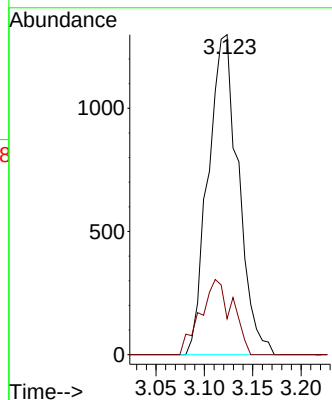
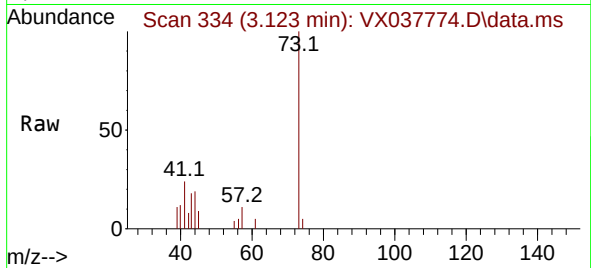




#19
Methyl tert-butyl Ether
Concen: 0.270 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

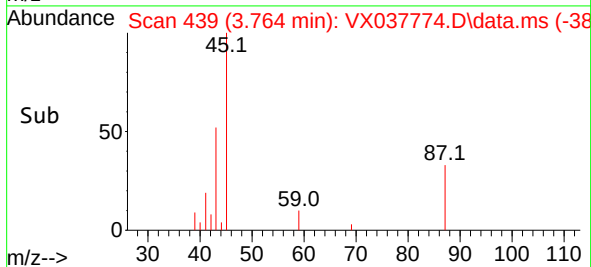
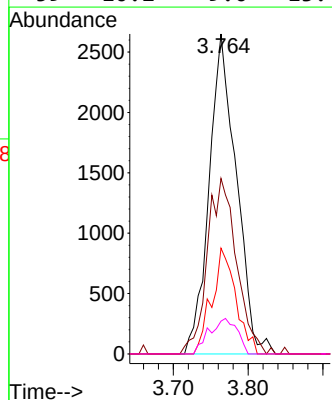
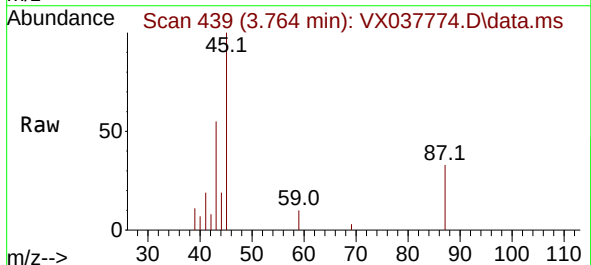
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-DUP-20230911

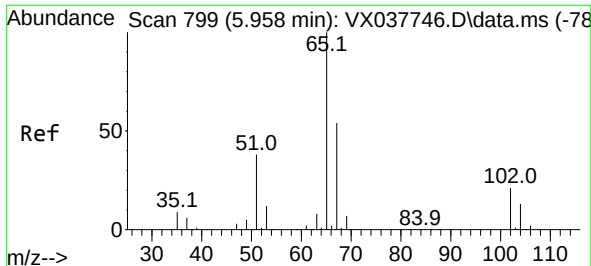
Tgt Ion: 73 Resp: 2825
Ion Ratio Lower Upper
73 100
57 11.2 17.3 25.9#



#22
Diisopropyl ether
Concen: 0.681 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

Tgt Ion: 45 Resp: 6714
Ion Ratio Lower Upper
45 100
43 54.8 69.7 104.5#
87 33.1 20.8 31.2#
59 10.2 9.0 13.4

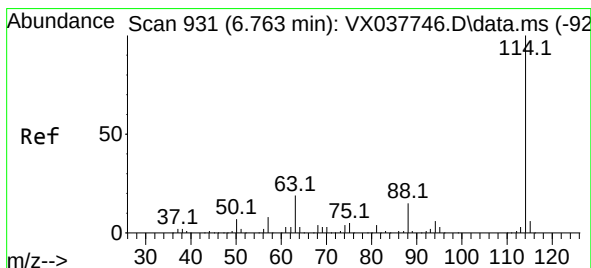
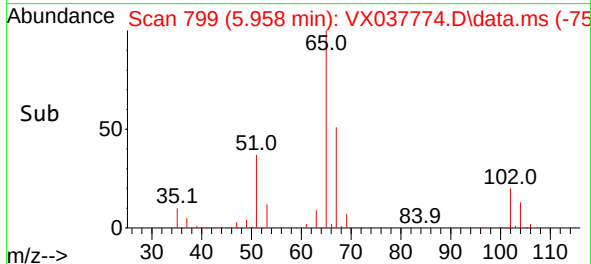
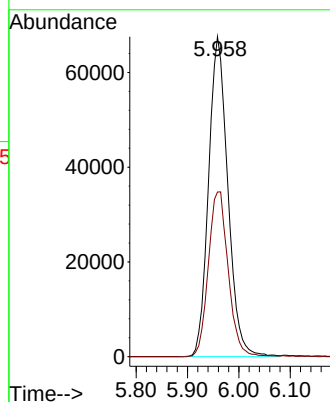
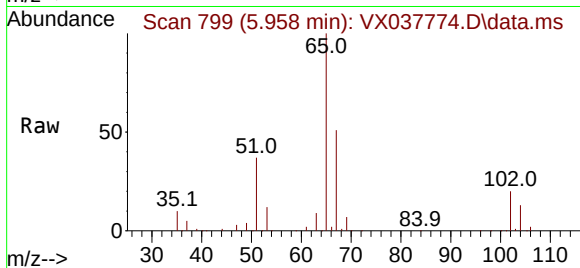




#33
 1,2-Dichloroethane-d4
 Concen: 45.943 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037774.D
 Acq: 18 Sep 2023 14:07

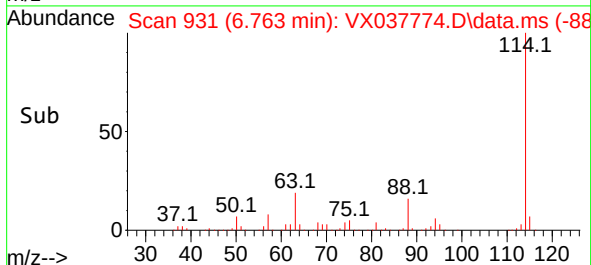
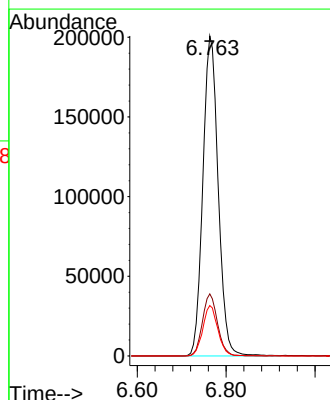
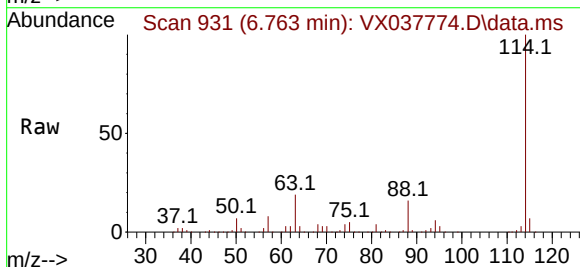
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-DUP-20230911

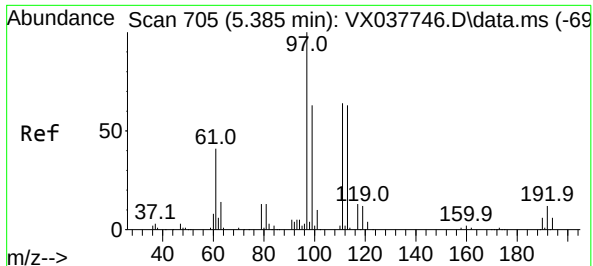
Tgt Ion: 65 Resp: 175902
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037774.D
 Acq: 18 Sep 2023 14:07

Tgt Ion: 114 Resp: 482588
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 45.0
 88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.576 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037774.D

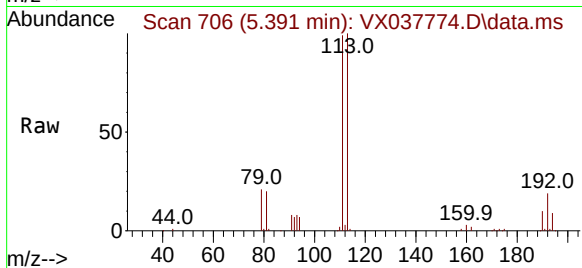
Acq: 18 Sep 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-DUP-20230911



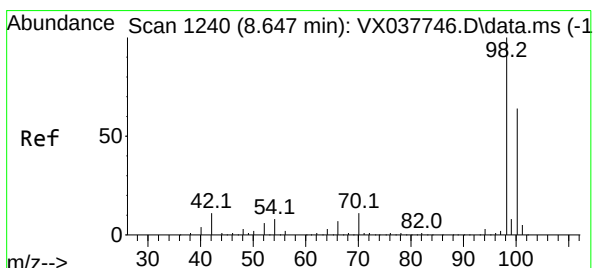
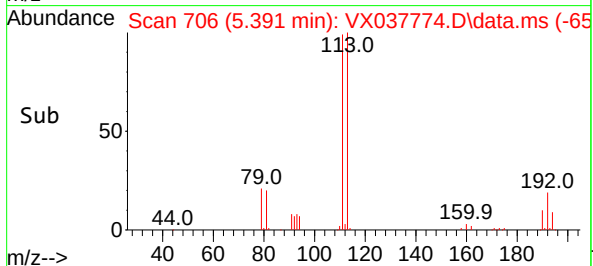
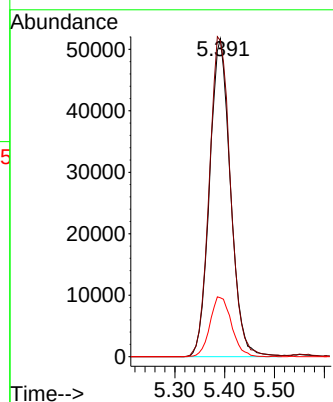
Tgt Ion:113 Resp: 150394

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 19.3 13.3 19.9



#50

Toluene-d8

Concen: 47.645 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037774.D

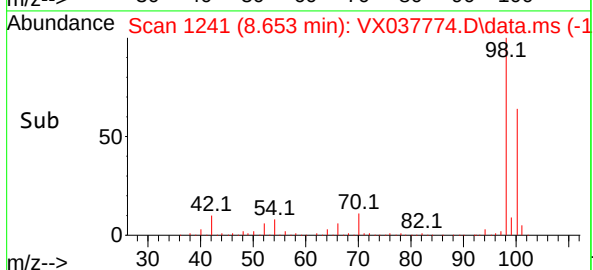
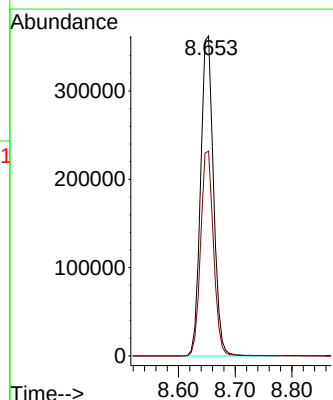
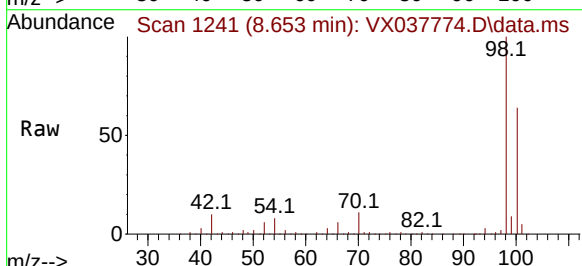
Acq: 18 Sep 2023 14:07

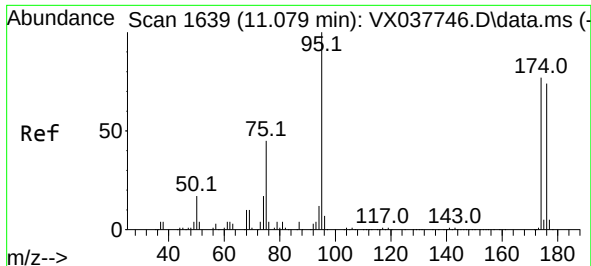
Tgt Ion: 98 Resp: 571640

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7

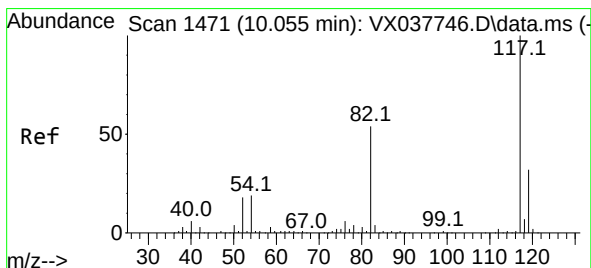
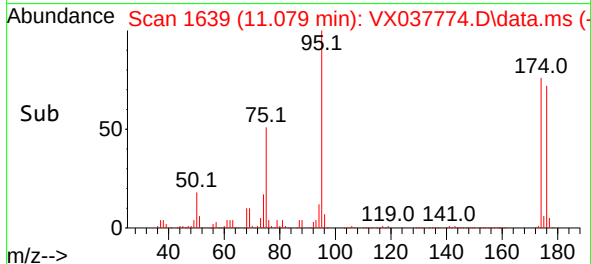
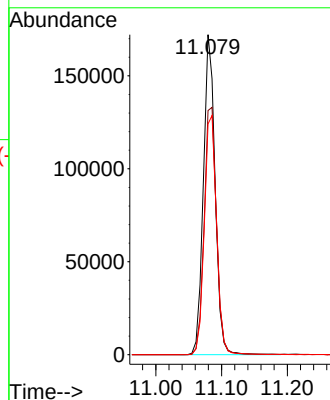
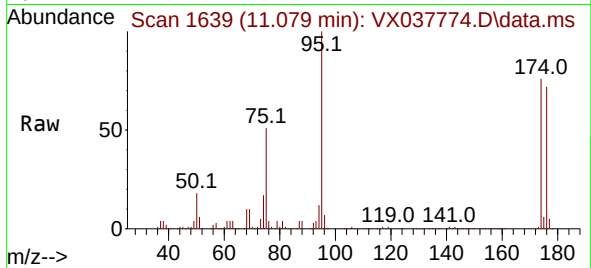




#62
4-Bromofluorobenzene
Concen: 49.024 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

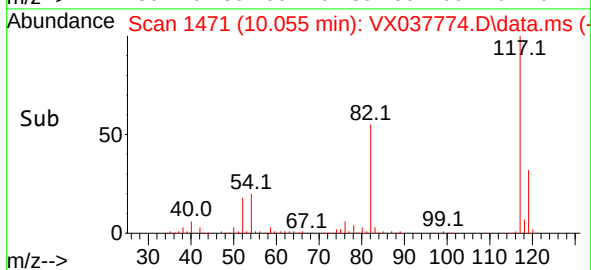
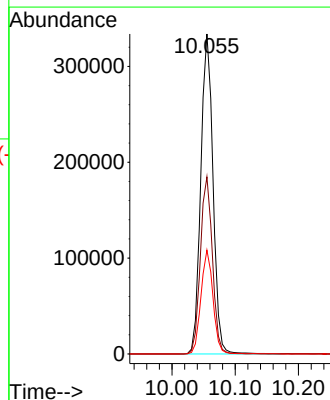
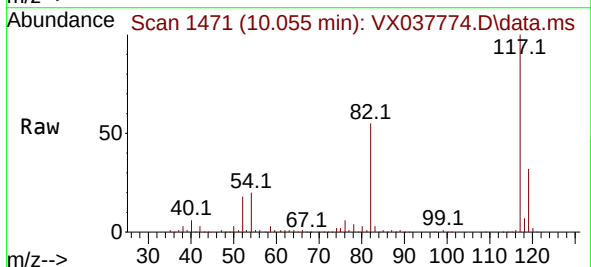
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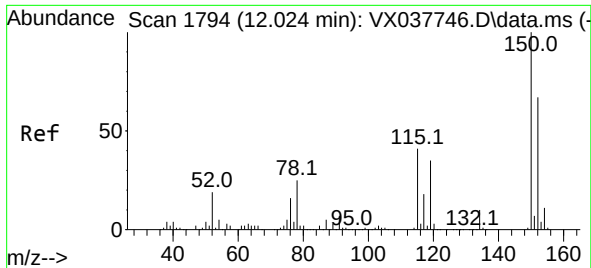
Tgt Ion: 95 Resp: 213732
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 78.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

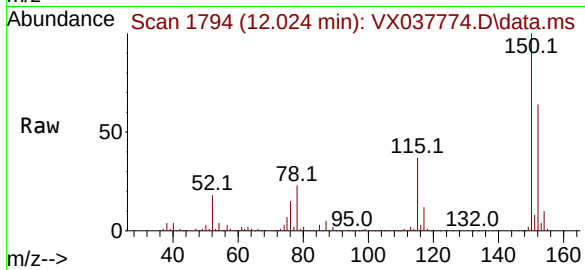
Tgt Ion: 117 Resp: 449374
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037774.D
 Acq: 18 Sep 2023 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-DUP-20230911



Tgt Ion:152 Resp: 222577
 Ion Ratio Lower Upper
 152 100
 115 59.2 43.3 129.9
 150 156.8 0.0 345.0

