

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038170.D
 Acq On : 09 Oct 2023 14:37
 Operator : JC/MD
 Sample : 04810-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-DUP-20231004

Quant Time: Oct 10 00:56:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

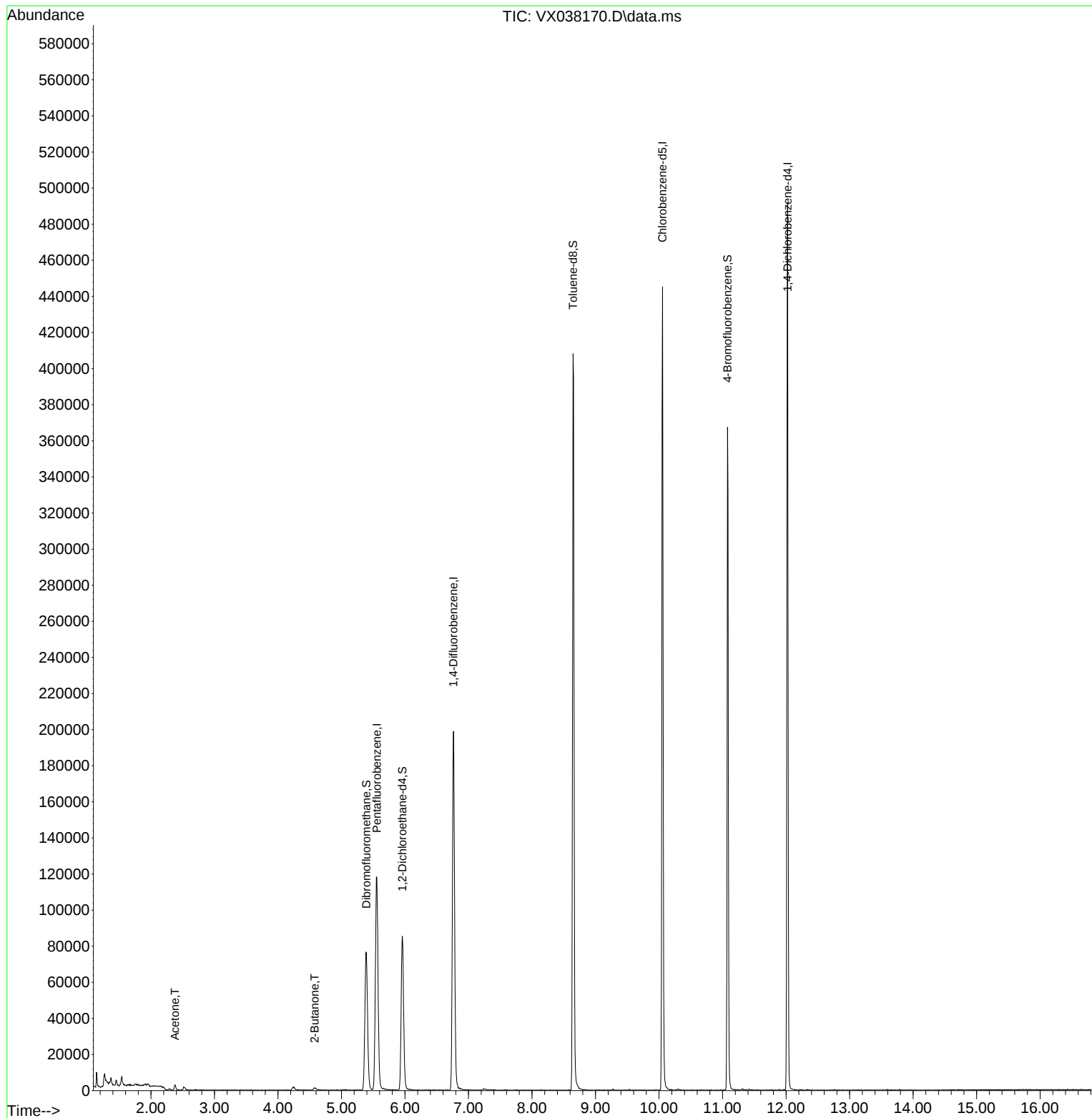
Internal Standards						
1) Pentafluorobenzene	5.556	168	111217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84636	47.313	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.620%
35) Dibromofluoromethane	5.391	113	65223	45.164	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.320%
50) Toluene-d8	8.647	98	250925	45.471	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.940%#
62) 4-Bromofluorobenzene	11.079	95	93639	44.759	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.520%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3143	4.210	ug/l #	86
25) 2-Butanone	4.574	43	2230	1.851	ug/l	97

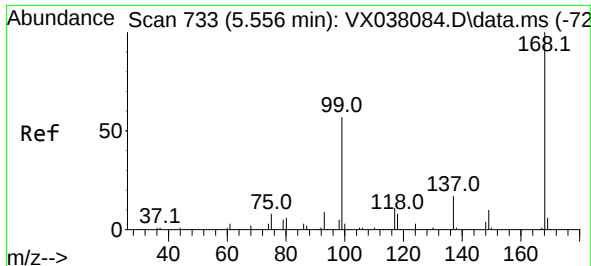
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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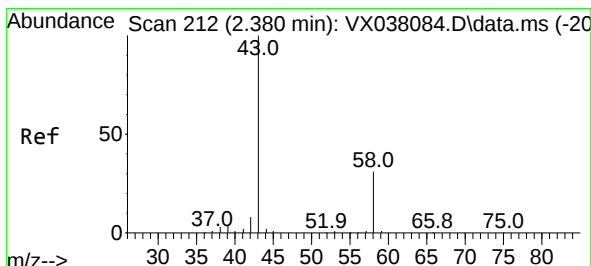
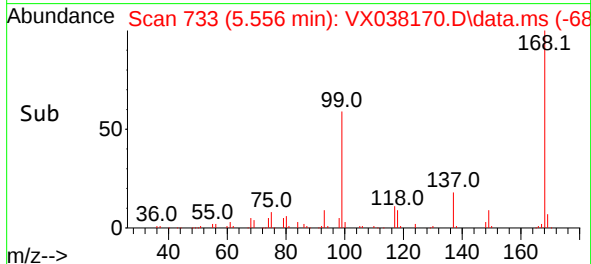
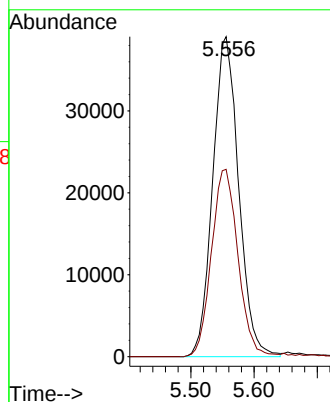
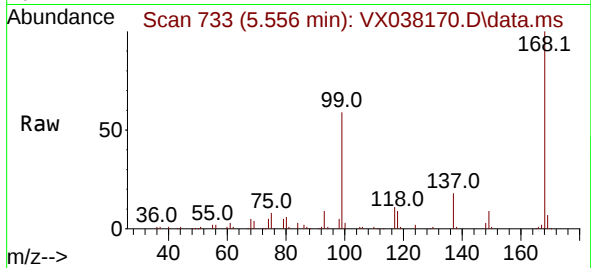




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038170.D
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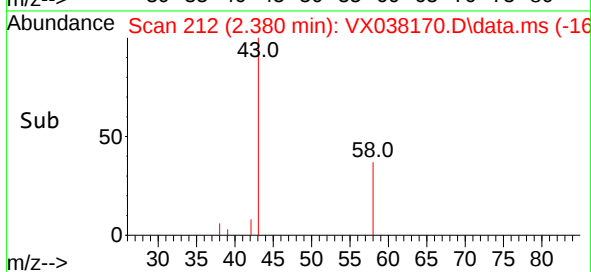
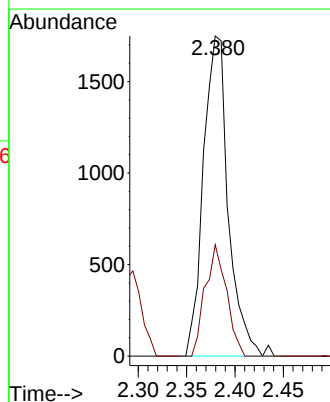
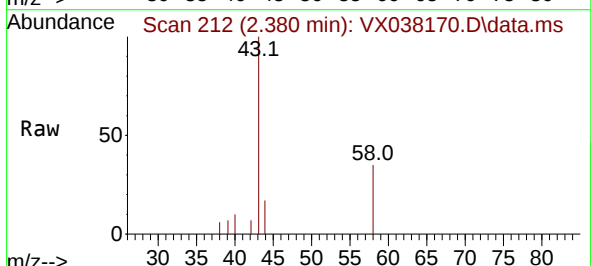
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-DUP-20231004

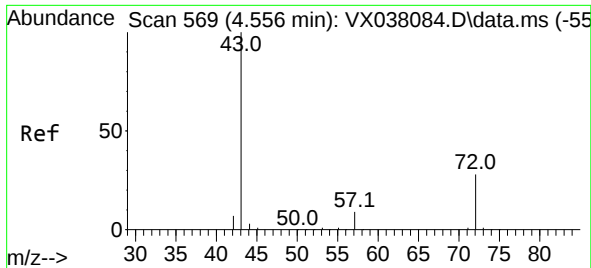
Tgt Ion:168 Resp: 111217
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#16
Acetone
Concen: 4.210 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038170.D
Acq: 09 Oct 2023 14:37

Tgt Ion: 43 Resp: 3143
Ion Ratio Lower Upper
43 100
58 34.8 21.9 32.9#

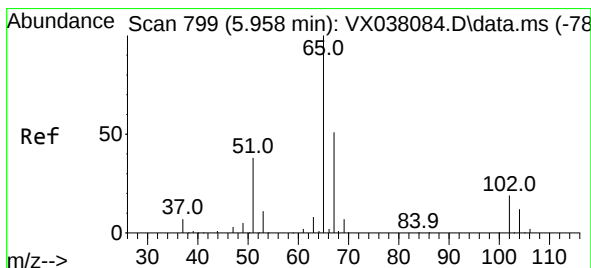
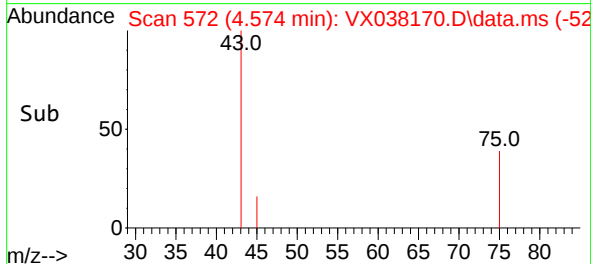
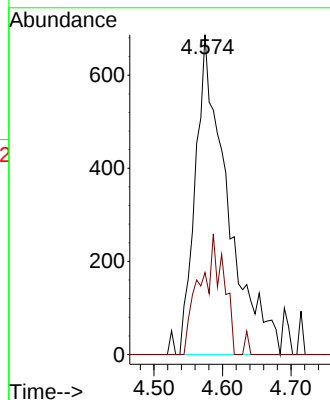
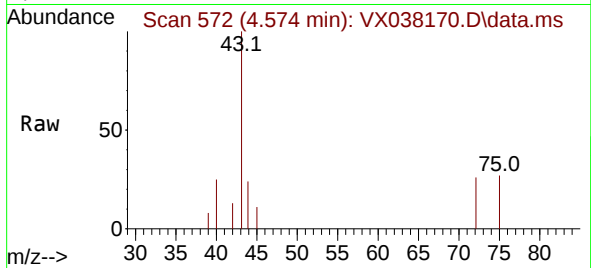




#25
2-Butanone
Concen: 1.851 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX038170.D
Acq: 09 Oct 2023 14:37

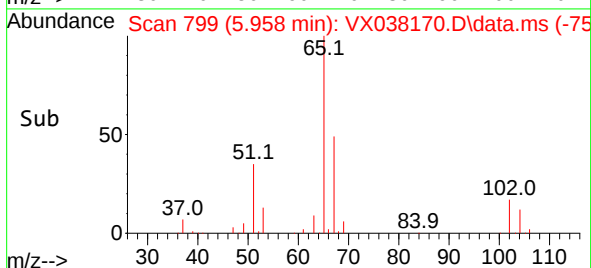
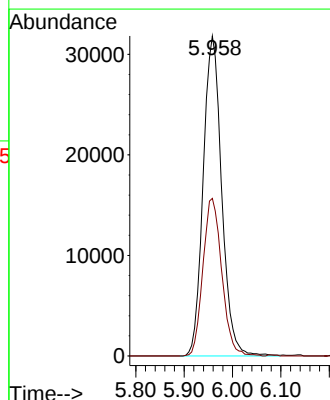
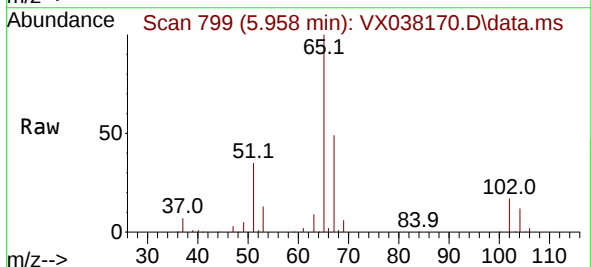
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-DUP-20231004

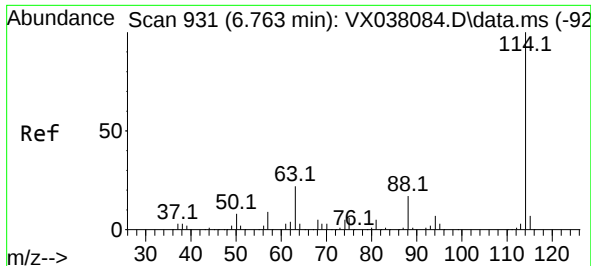
Tgt Ion: 43 Resp: 2230
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 47.313 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038170.D
Acq: 09 Oct 2023 14:37

Tgt Ion: 65 Resp: 84636
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

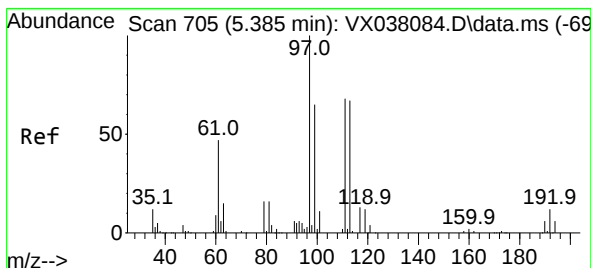
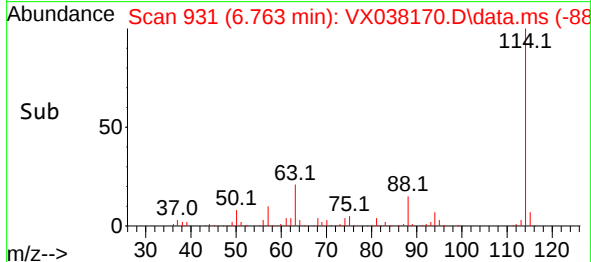
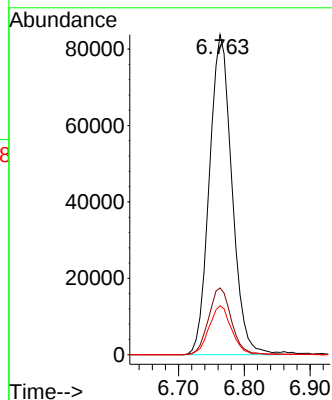
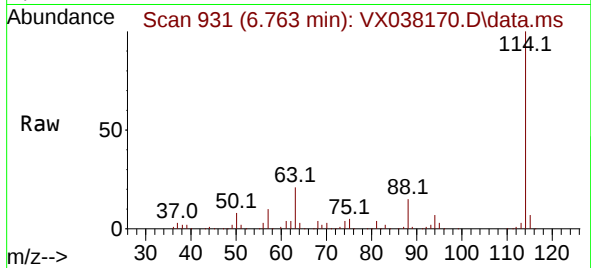




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038170.D
Acq: 09 Oct 2023 14:37

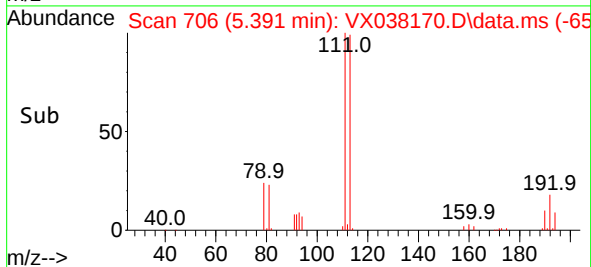
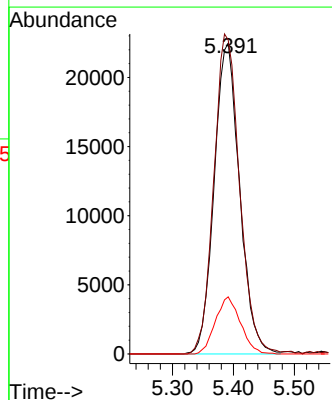
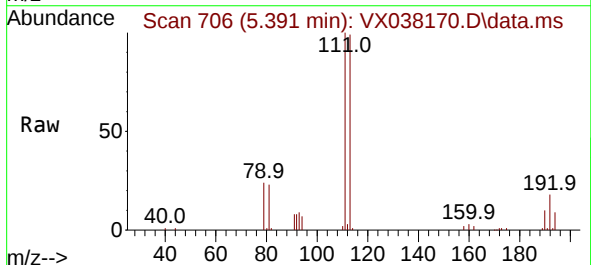
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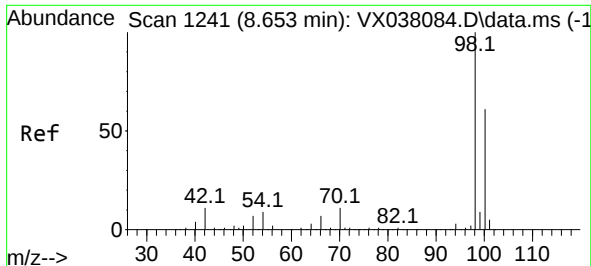
Tgt Ion:114 Resp: 200416
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.164 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038170.D
Acq: 09 Oct 2023 14:37

Tgt Ion:113 Resp: 65223
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.1 13.3 19.9

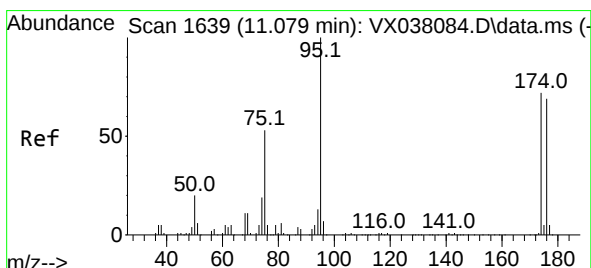
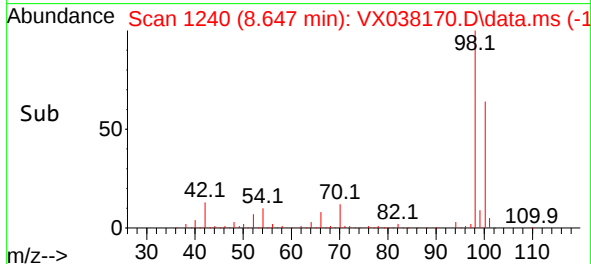
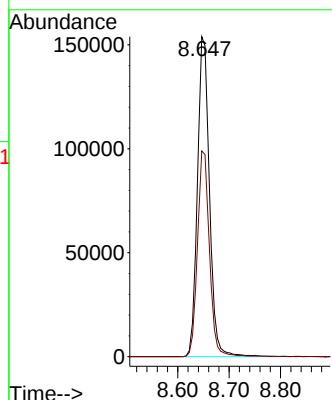
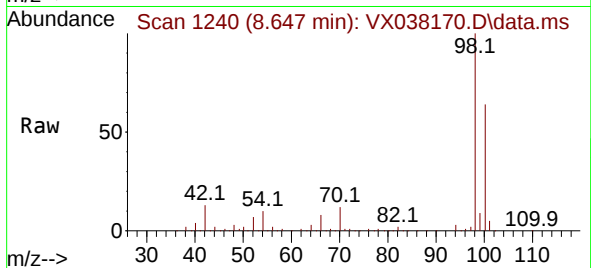




#50
Toluene-d8
Concen: 45.471 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038170.D
Acq: 09 Oct 2023 14:37

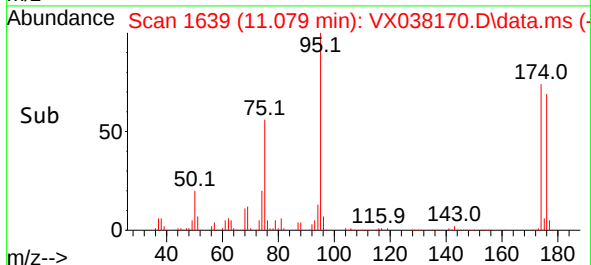
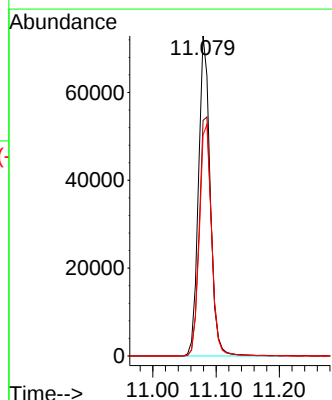
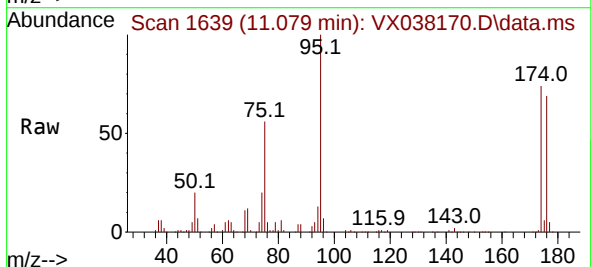
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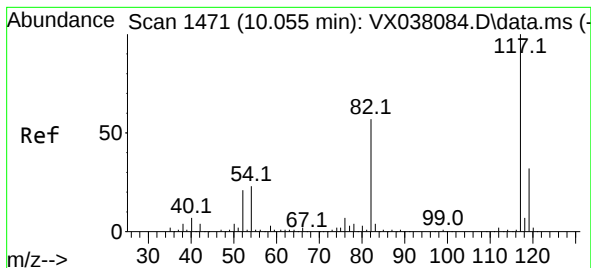
Tgt Ion: 98 Resp: 250925
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.759 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038170.D
Acq: 09 Oct 2023 14:37

Tgt Ion: 95 Resp: 93639
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 75.5 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: VX038170.D

Acq: 09 Oct 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-DUP-20231004

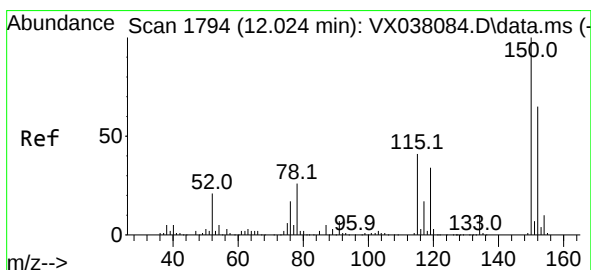
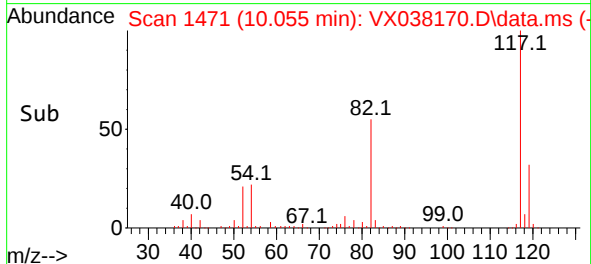
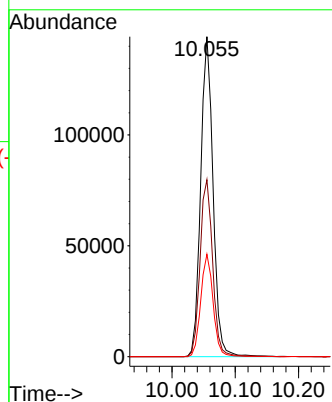
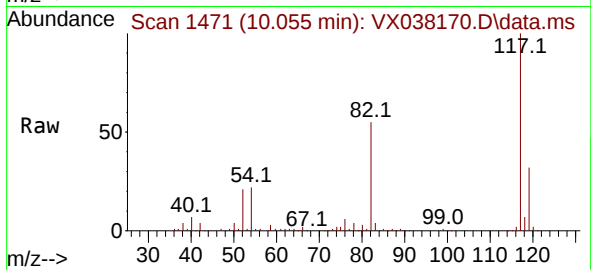
Tgt Ion:117 Resp: 196826

Ion Ratio Lower Upper

117 100

82 55.3 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: VX038170.D

Acq: 09 Oct 2023 14:37

Tgt Ion:152 Resp: 98715

Ion Ratio Lower Upper

152 100

115 60.3 43.3 129.9

150 157.2 0.0 345.0

