

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037338.D
 Acq On : 29 Aug 2023 13:38
 Operator : JC/MD
 Sample : 04150-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20230822

Quant Time: Aug 30 02:06:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

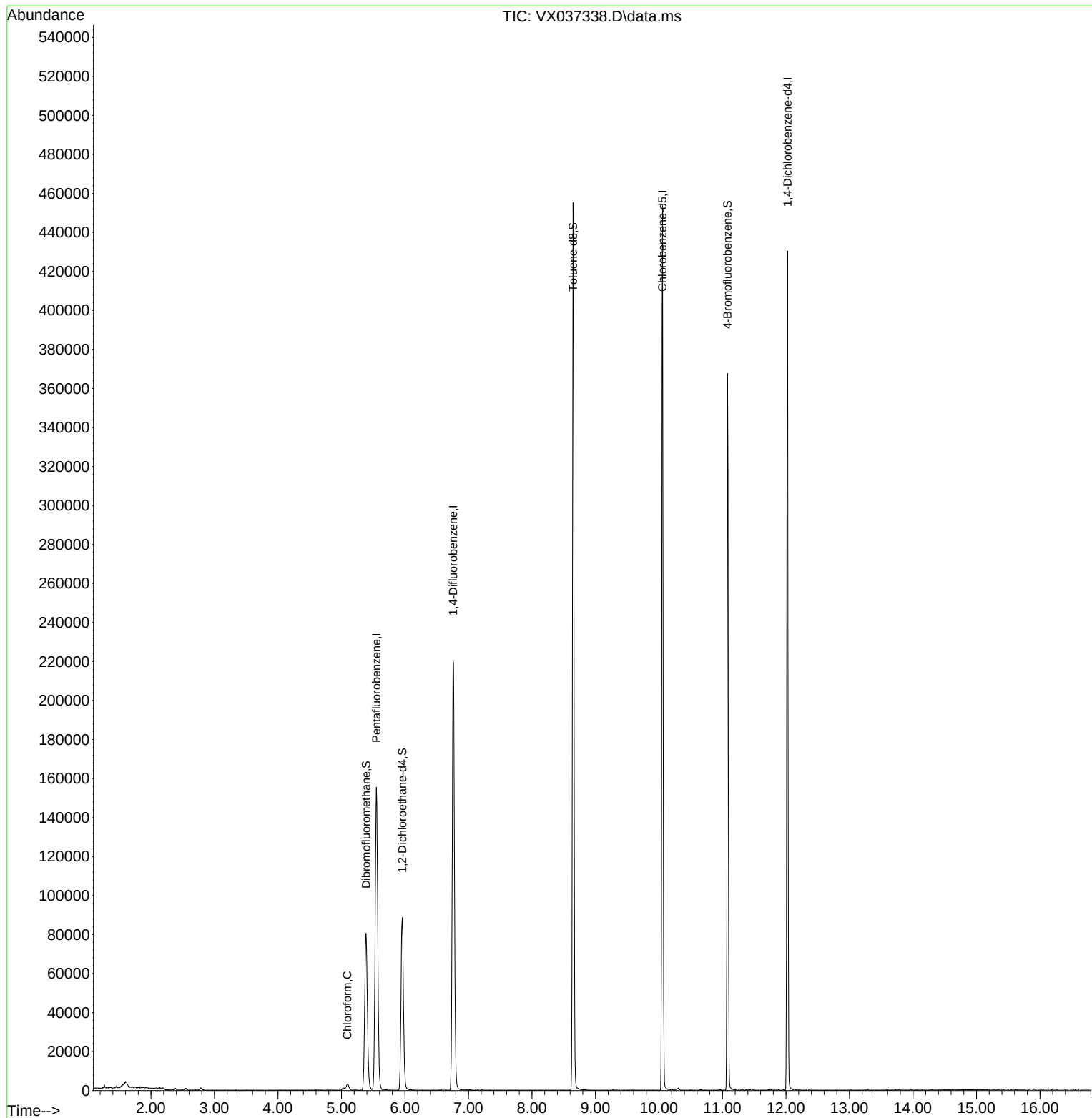
Internal Standards						
1) Pentafluorobenzene	5.550	168	145629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89321	42.544	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.080%
35) Dibromofluoromethane	5.385	113	72316	45.713	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.420%
50) Toluene-d8	8.647	98	278333	48.504	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.079	95	101311	44.926	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.860%
Target Compounds						
30) Chloroform	5.093	83	4220	1.259	ug/l	Qvalue 89

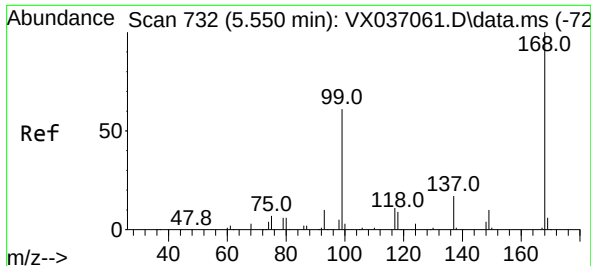
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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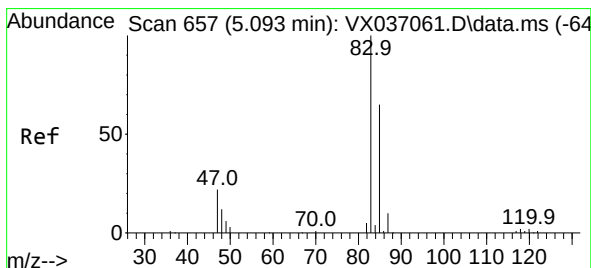
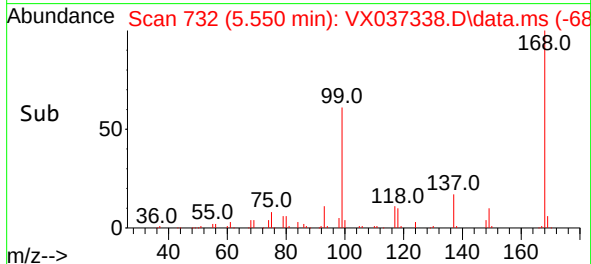
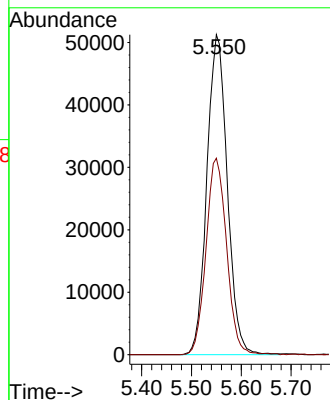
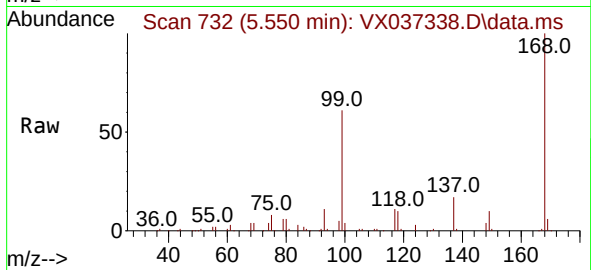




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

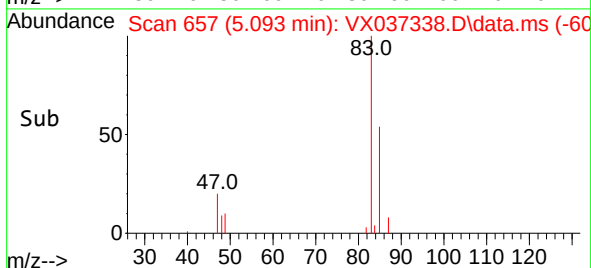
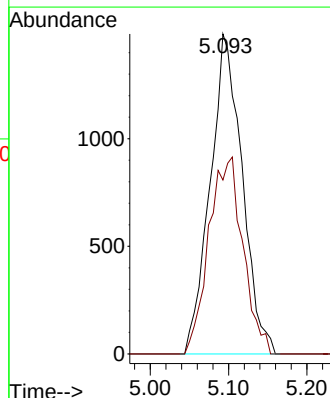
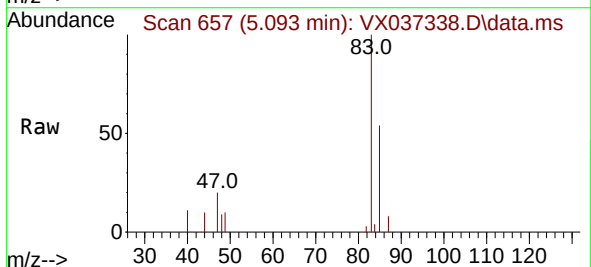
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230822

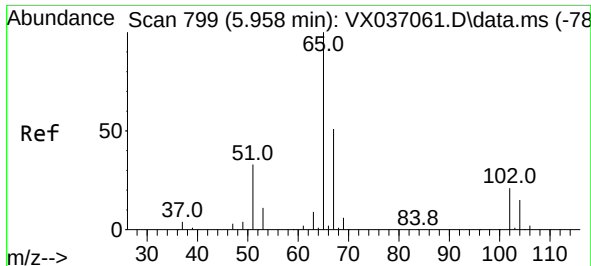
Tgt Ion:168 Resp: 145629
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#30
Chloroform
Concen: 1.259 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Tgt Ion: 83 Resp: 4220
Ion Ratio Lower Upper
83 100
85 54.3 50.3 75.5

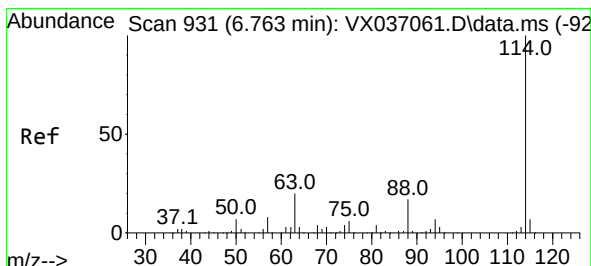
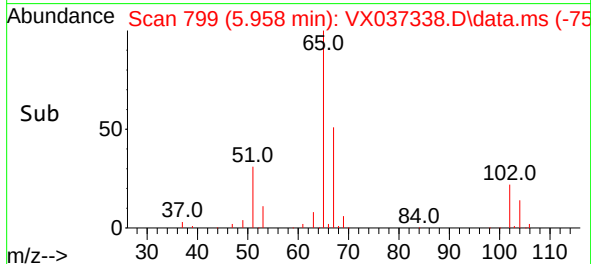
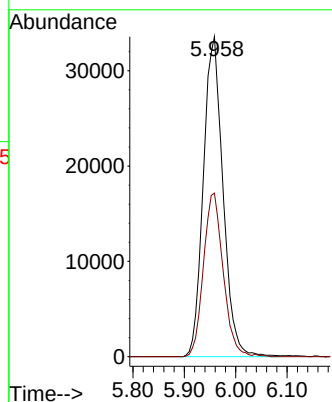
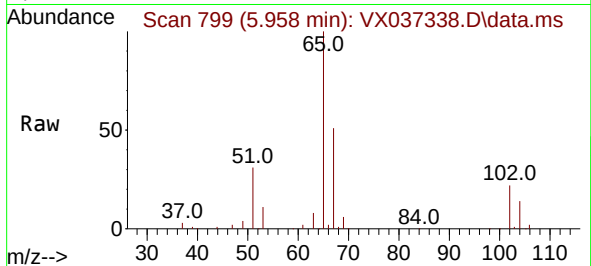




#33
 1,2-Dichloroethane-d4
 Concen: 42.544 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037338.D
 Acq: 29 Aug 2023 13:38

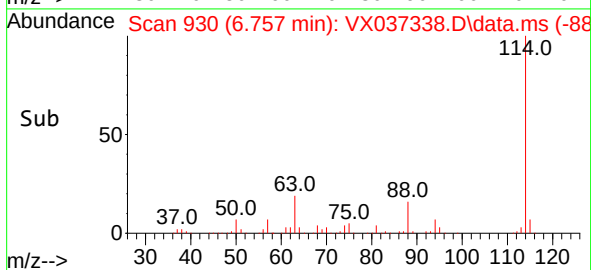
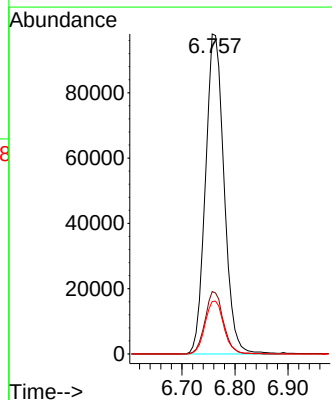
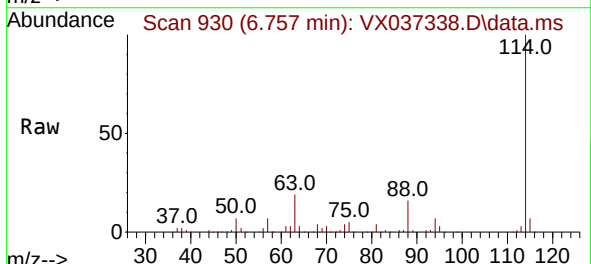
Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20230822

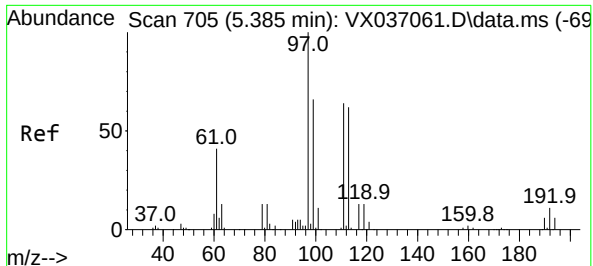
Tgt Ion: 65 Resp: 89321
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX037338.D
 Acq: 29 Aug 2023 13:38

Tgt Ion: 114 Resp: 238864
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 16.4 0.0 36.6

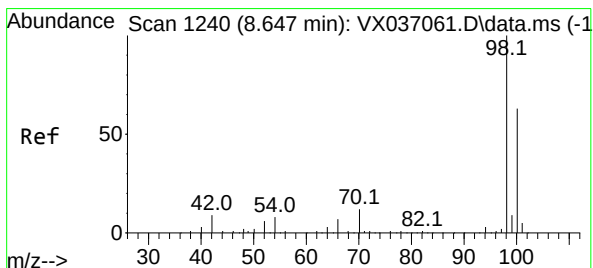
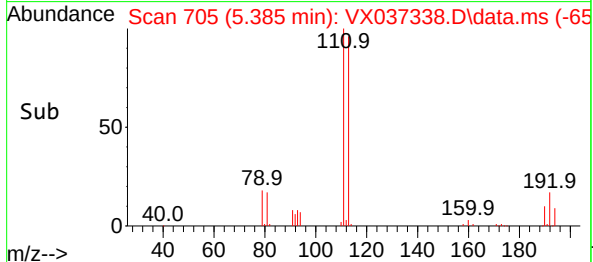
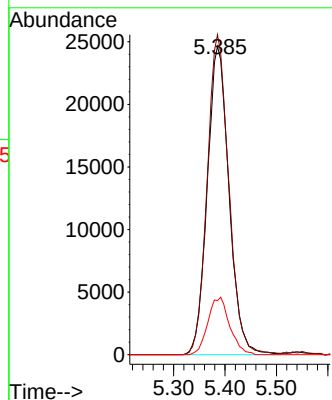
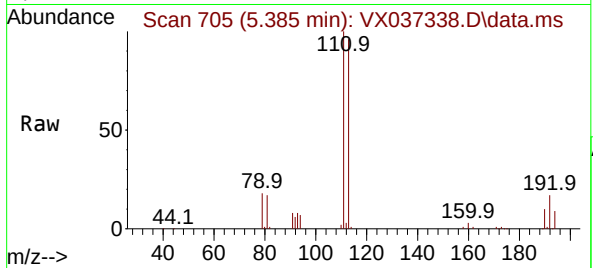




#35
Dibromofluoromethane
Concen: 45.713 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

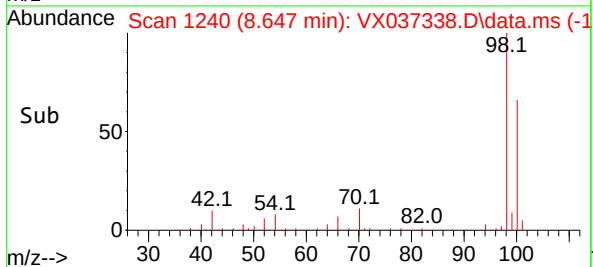
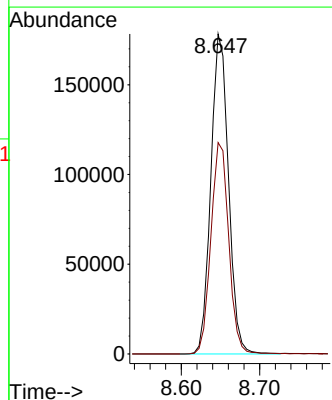
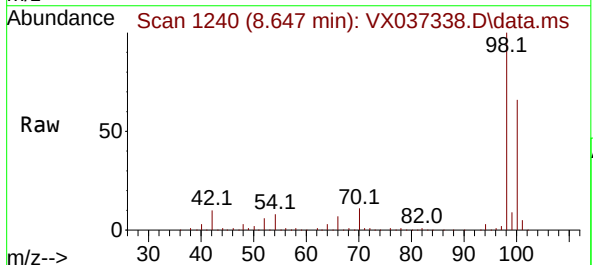
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230822

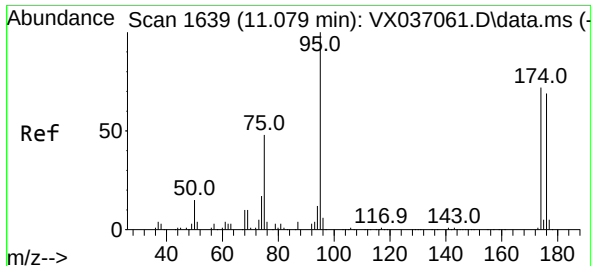
Tgt Ion:113 Resp: 72316
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.7 13.3 19.9



#50
Toluene-d8
Concen: 48.504 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

Tgt Ion: 98 Resp: 278333
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

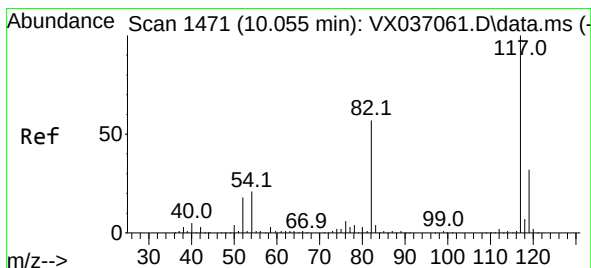
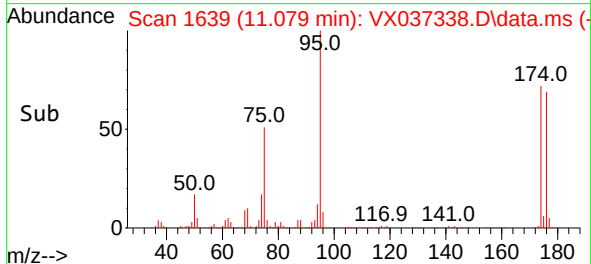
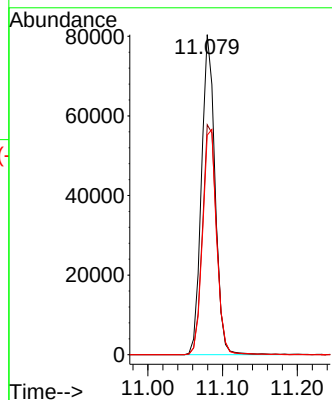
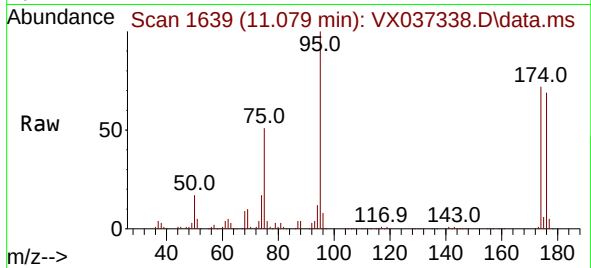




#62
4-Bromofluorobenzene
Concen: 44.926 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

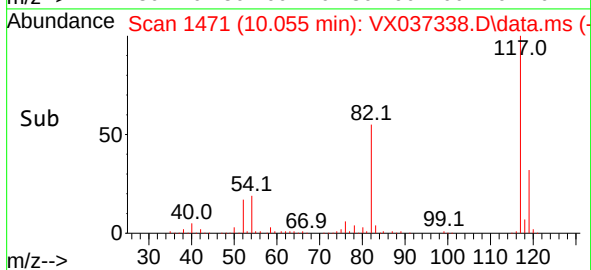
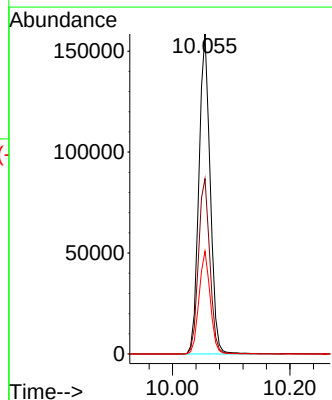
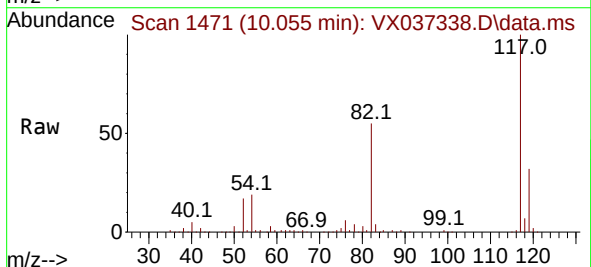
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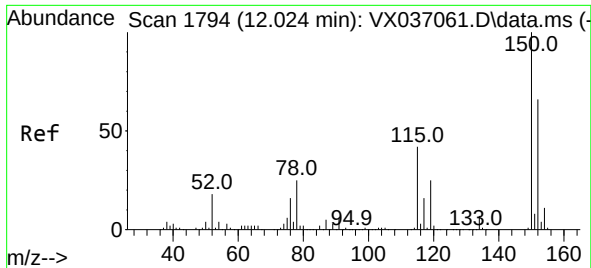
Tgt Ion: 95 Resp: 101311
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 72.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037338.D
Acq: 29 Aug 2023 13:38

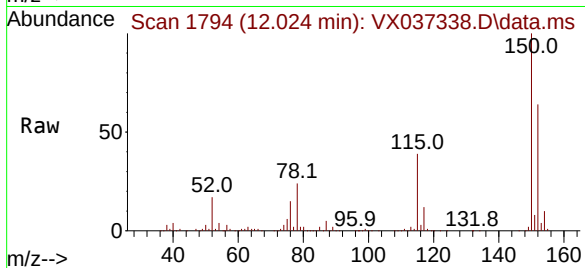
Tgt Ion: 117 Resp: 211933
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037338.D
 Acq: 29 Aug 2023 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 93953
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.3 129.9
 150 156.7 0.0 345.0

