

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037438.D
 Acq On : 31 Aug 2023 18:19
 Operator : JC/MD
 Sample : 04182-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 01 03:15:21 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	147739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91702	43.054	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.100%
35) Dibromofluoromethane	5.385	113	73722	45.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.540%
50) Toluene-d8	8.647	98	286516	48.500	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.079	95	105169	45.300	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.600%

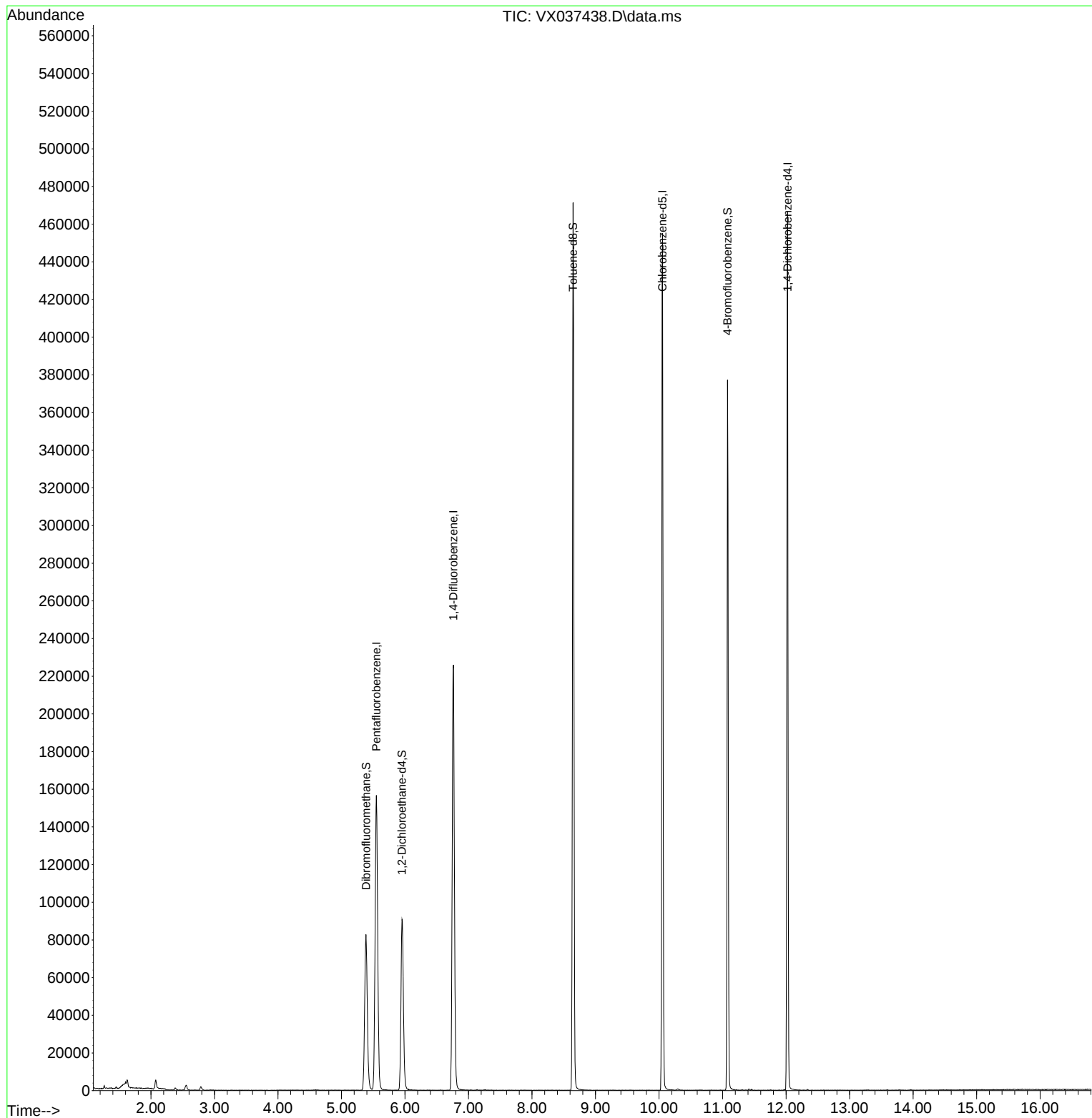
Target Compounds Qvalue

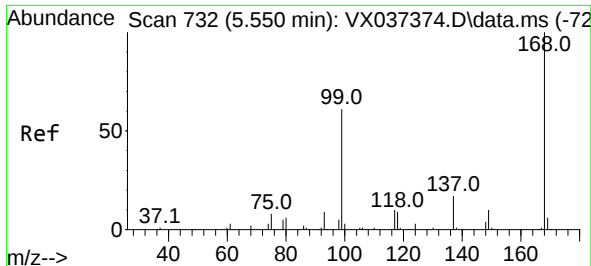
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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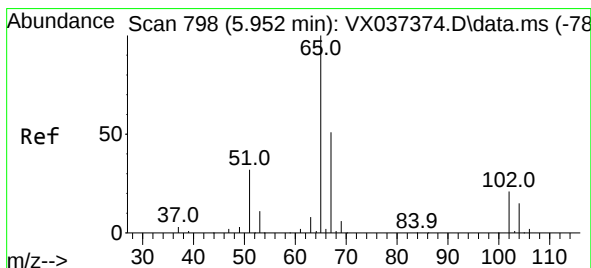
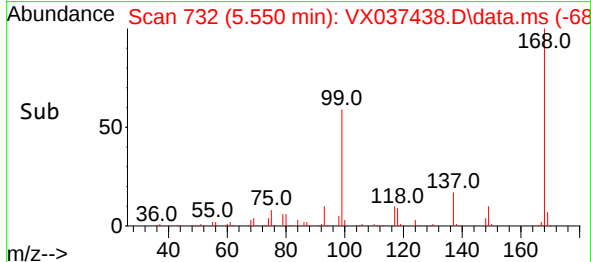
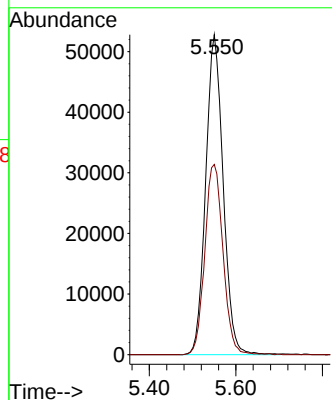
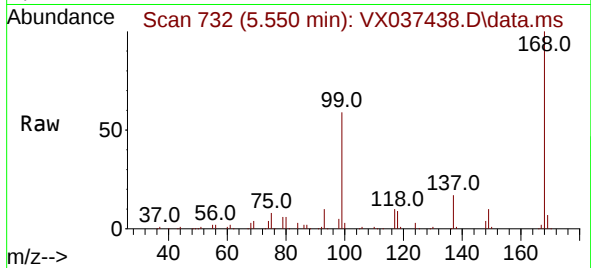




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

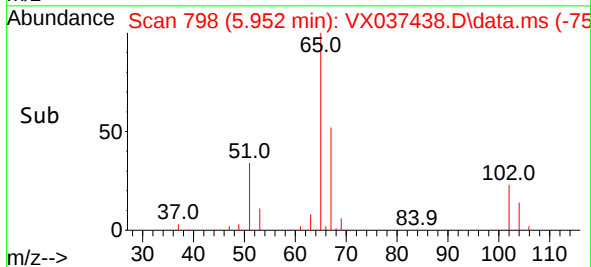
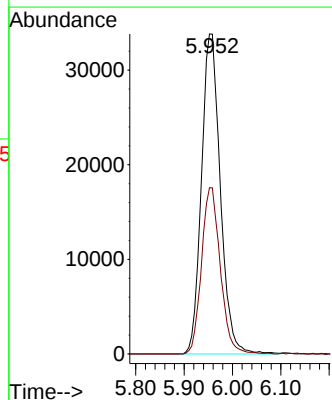
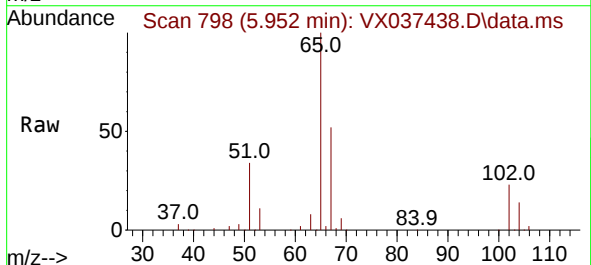
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

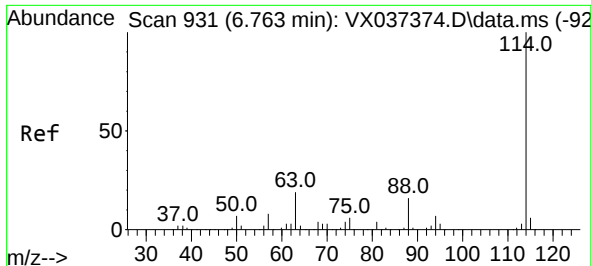
Tgt Ion:168 Resp: 147739
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 43.054 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

Tgt Ion: 65 Resp: 91702
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

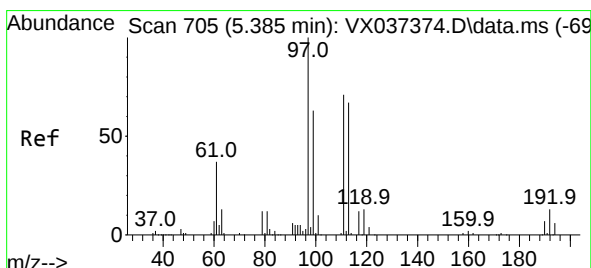
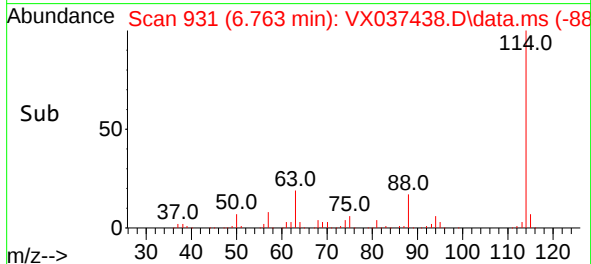
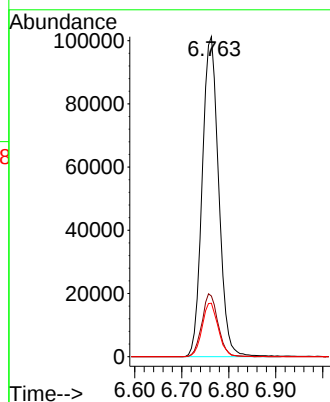
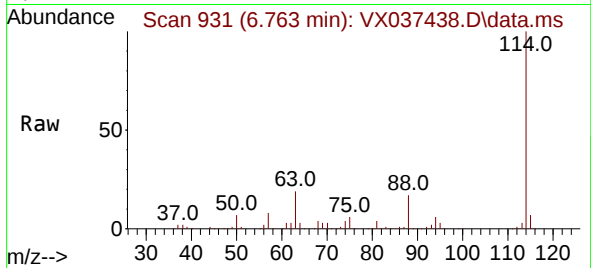




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

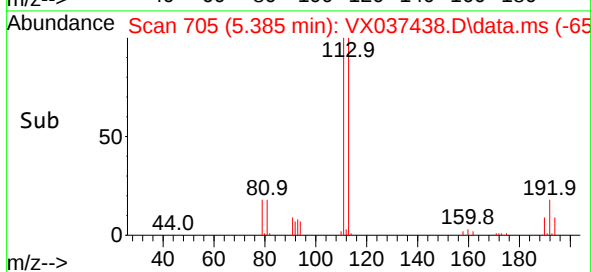
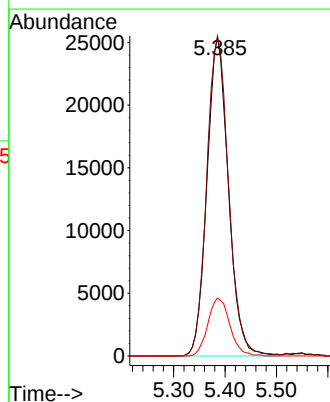
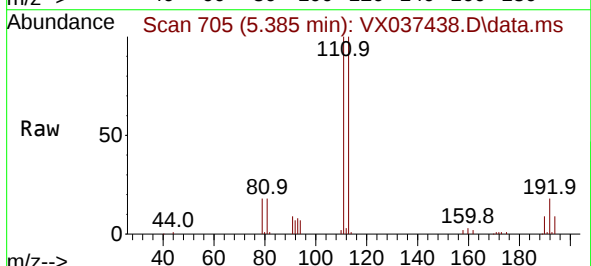
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

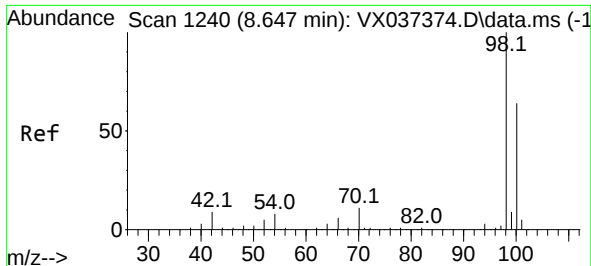
Tgt Ion:114 Resp: 245910
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.267 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

Tgt Ion:113 Resp: 73722
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.6 13.3 19.9

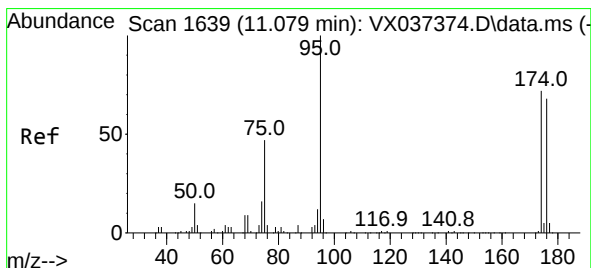
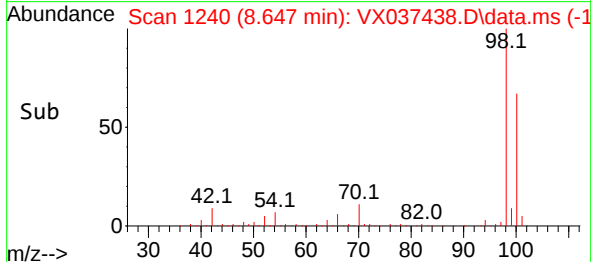
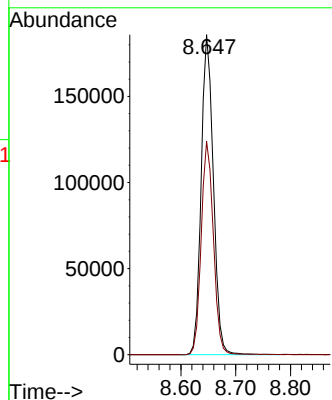
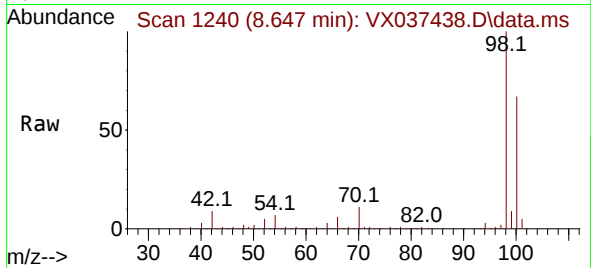




#50
Toluene-d8
Concen: 48.500 ug/l
RT: 8.647 min Scan# 1122
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

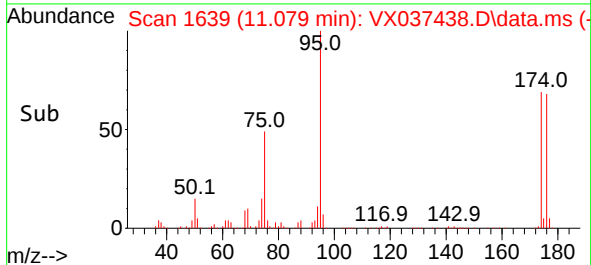
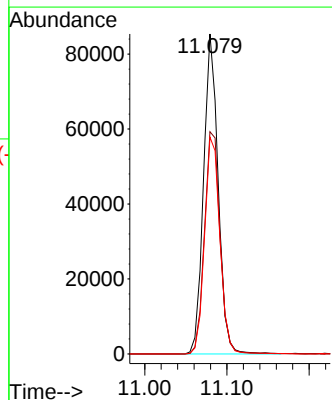
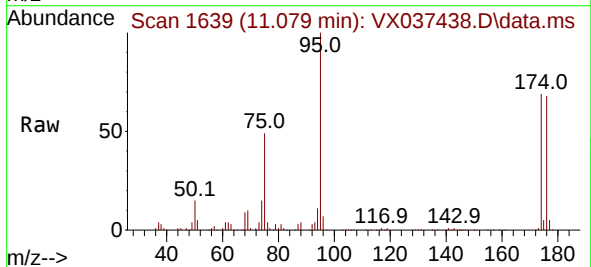
Instrument :
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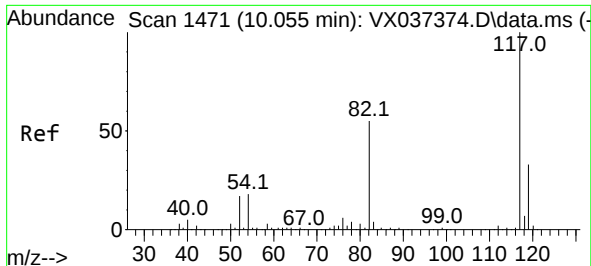
Tgt Ion: 98 Resp: 286516
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.300 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

Tgt Ion: 95 Resp: 105169
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 71.2 0.0 131.0

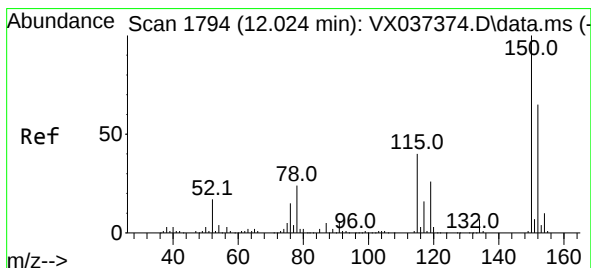
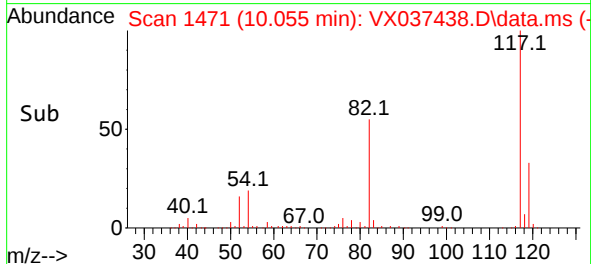
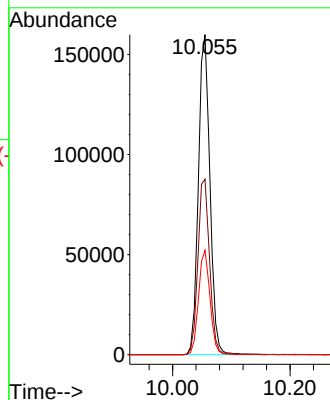
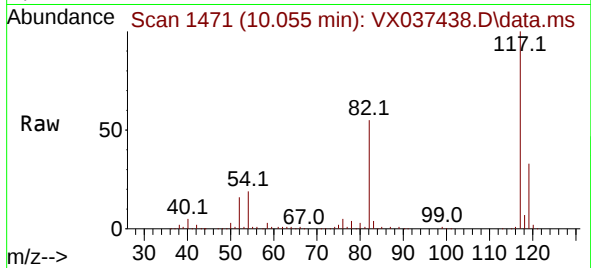




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037438.D
Acq: 31 Aug 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 218225
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.6 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: VX037438.D
Acq: 31 Aug 2023 18:19

Tgt Ion:152 Resp: 98742
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 157.2 0.0 345.0

