

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037238.D
 Acq On : 25 Aug 2023 01:11
 Operator : JC/MD
 Sample : 04051-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20230816

Quant Time: Aug 25 06:30:36 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)

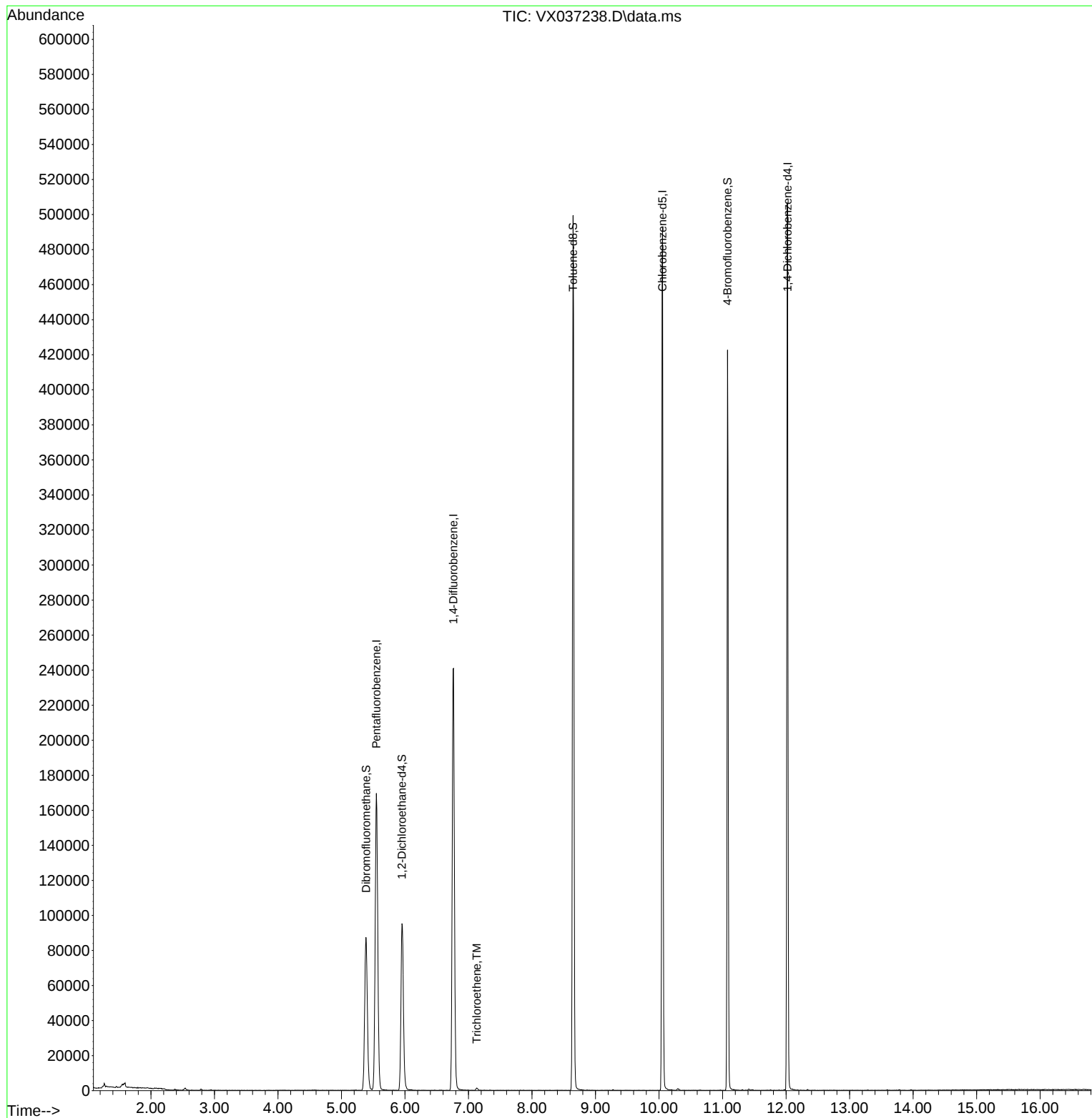
Internal Standards						
1) Pentafluorobenzene	5.550	168	155427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97576	43.546	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.100%
35) Dibromofluoromethane	5.385	113	78170	45.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.720%
50) Toluene-d8	8.647	98	300337	48.579	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	114990	47.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.660%
Target Compounds						
					Qvalue	
44) Trichloroethene	7.129	130	546	0.277	ug/l	96

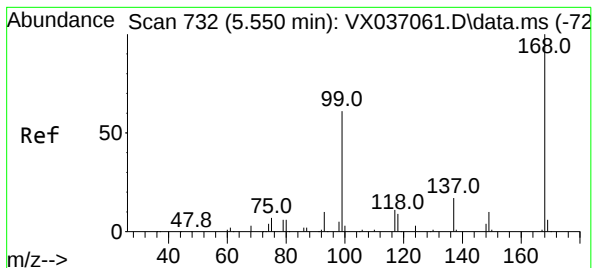
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

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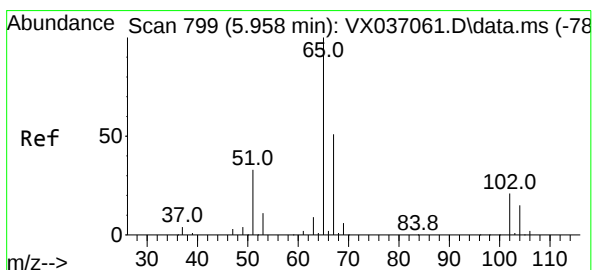
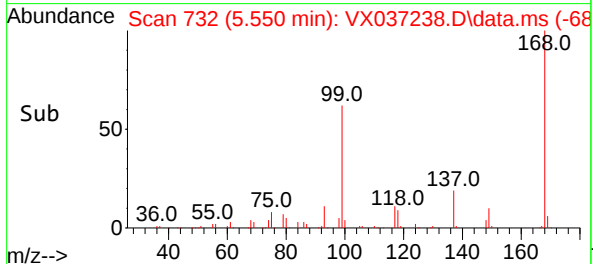
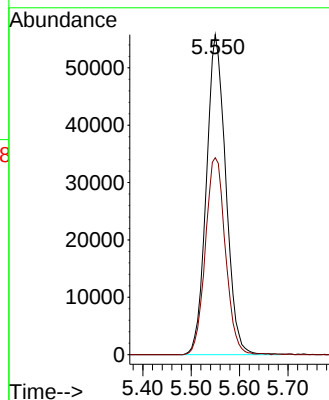
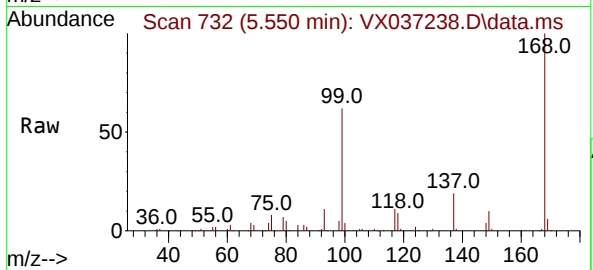
BPOW1-8-20230816

Tgt Ion:168 Resp: 155427

Ion Ratio Lower Upper

168 100

99 61.5 56.6 85.0



#33

1,2-Dichloroethane-d4

Concen: 43.546 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037238.D

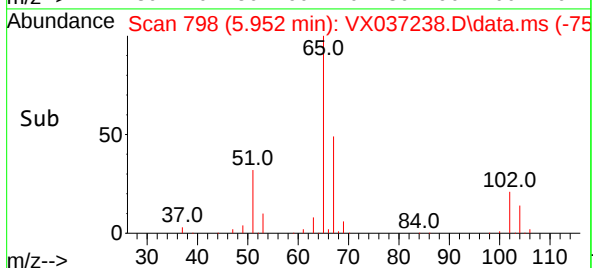
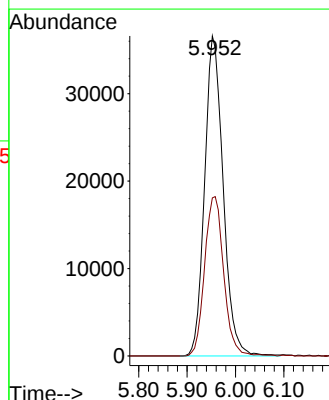
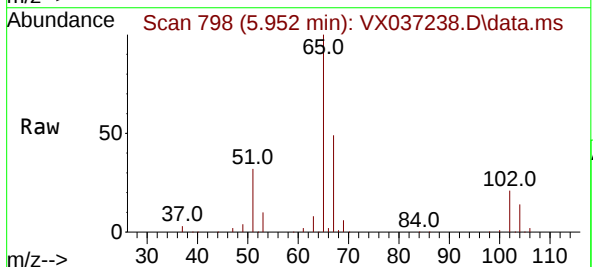
Acq: 25 Aug 2023 01:11

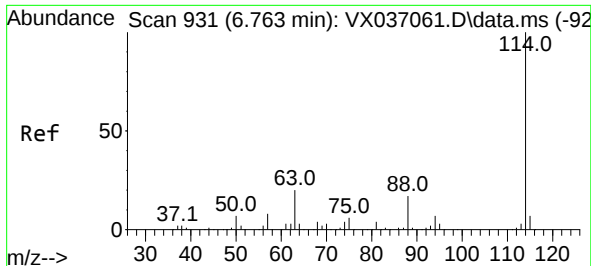
Tgt Ion: 65 Resp: 97576

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2

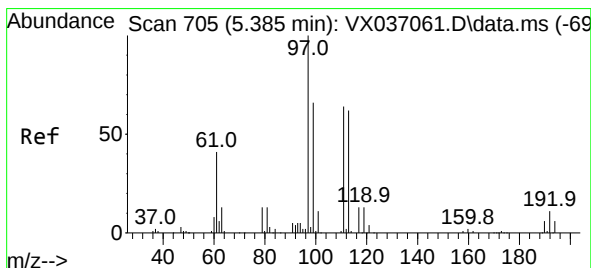
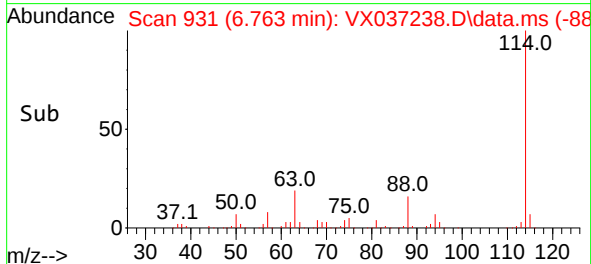
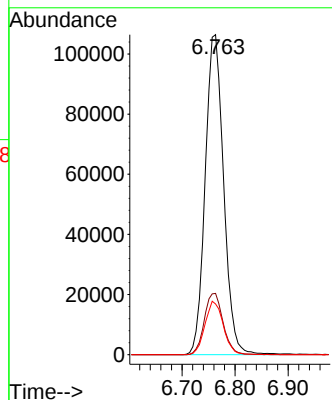
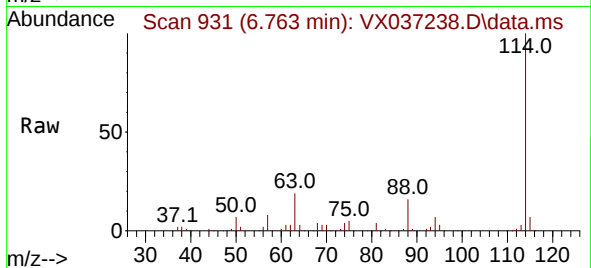




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037238.D
Acq: 25 Aug 2023 01:11

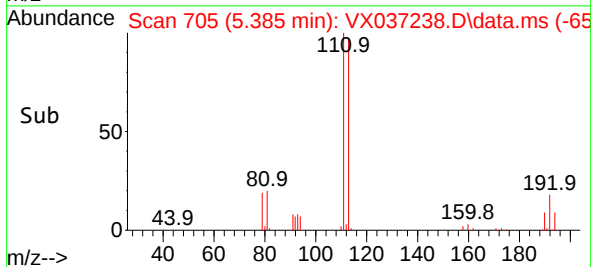
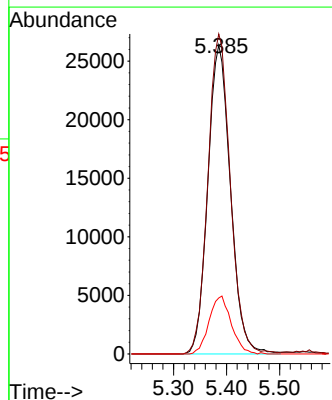
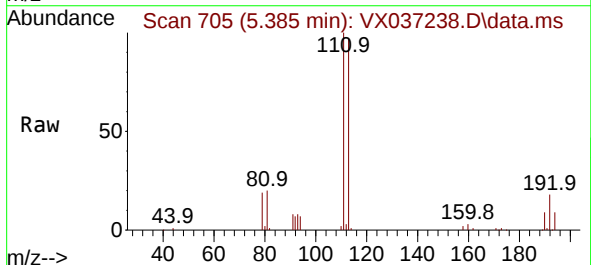
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ClientSampleId :
BPOW1-8-20230816

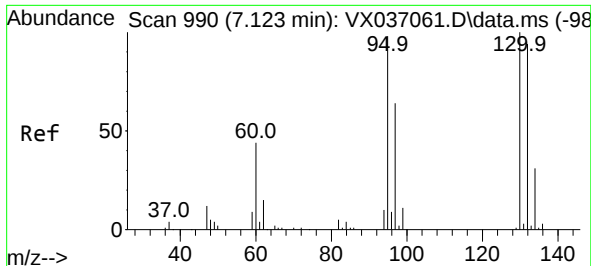
Tgt Ion:114 Resp: 257351
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.864 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037238.D
Acq: 25 Aug 2023 01:11

Tgt Ion:113 Resp: 78170
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.3 13.3 19.9

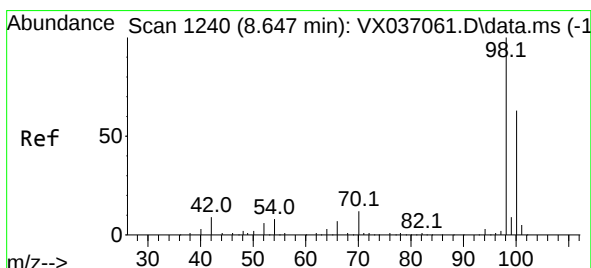
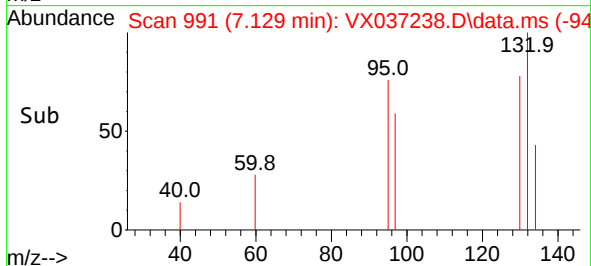
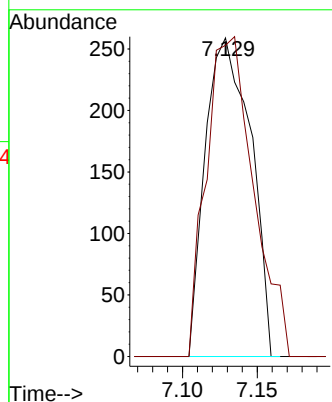
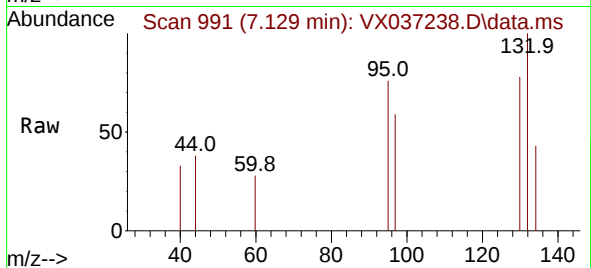




#44
Trichloroethene
Concen: 0.277 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037238.D
Acq: 25 Aug 2023 01:11

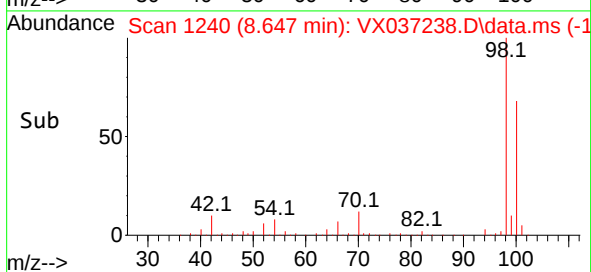
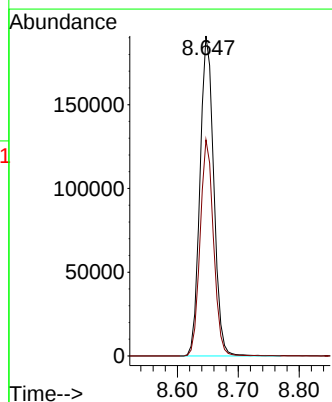
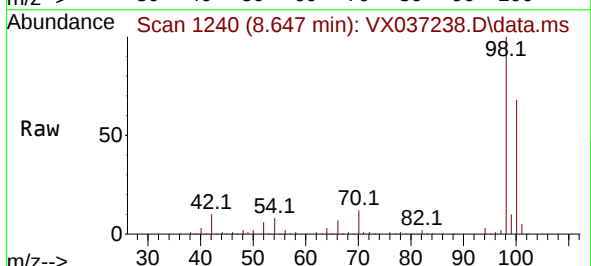
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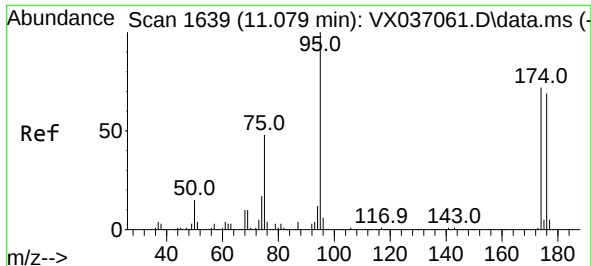
Tgt Ion:130 Resp: 546
Ion Ratio Lower Upper
130 100
95 97.7 0.0 204.4



#50
Toluene-d8
Concen: 48.579 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037238.D
Acq: 25 Aug 2023 01:11

Tgt Ion: 98 Resp: 300337
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 47.329 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037238.D

Acq: 25 Aug 2023 01:11

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-8-20230816

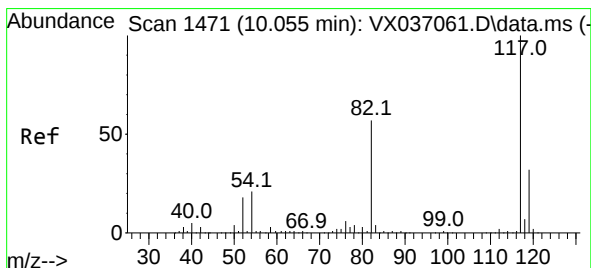
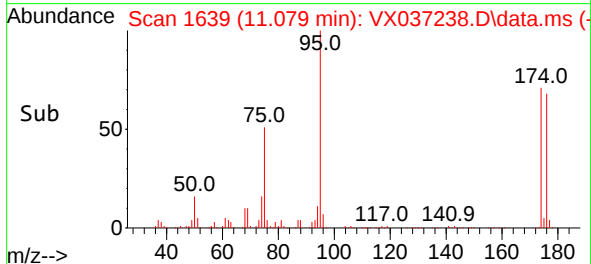
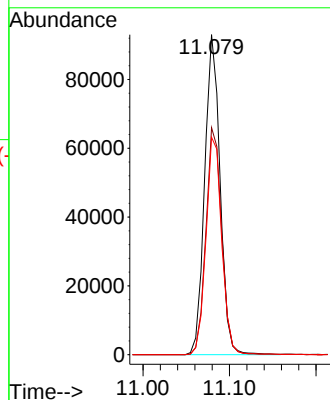
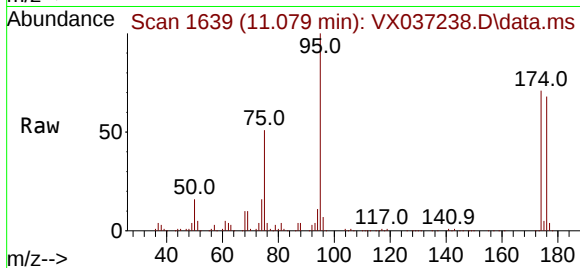
Tgt Ion: 95 Resp: 114990

Ion Ratio Lower Upper

95 100

174 72.9 0.0 135.6

176 69.8 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: VX037238.D

Acq: 25 Aug 2023 01:11

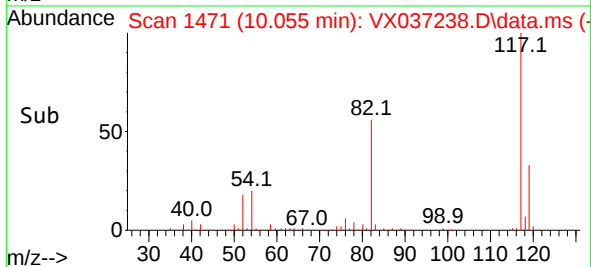
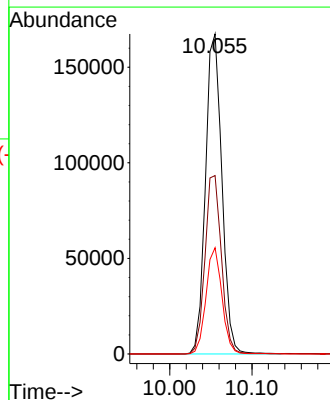
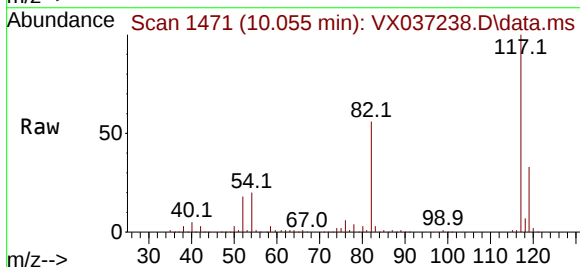
Tgt Ion: 117 Resp: 232264

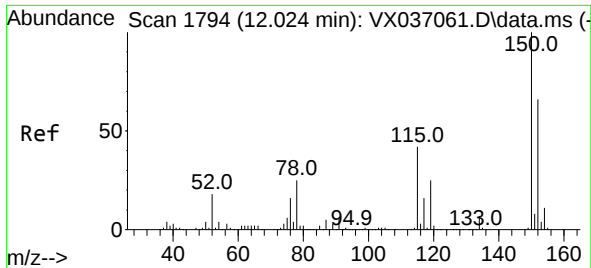
Ion Ratio Lower Upper

117 100

82 55.8 46.2 69.4

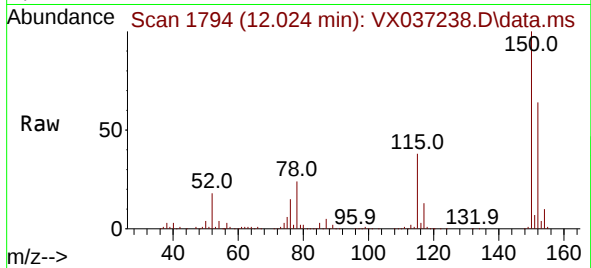
119 33.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037238.D
 Acq: 25 Aug 2023 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20230816



Tgt Ion:152 Resp: 106929
 Ion Ratio Lower Upper
 152 100
 115 63.5 43.3 129.9
 150 158.9 0.0 345.0

