

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037246.D
 Acq On : 25 Aug 2023 04:23
 Operator : JC/MD
 Sample : 04096-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-RW11-MW01S-GW-20230816

Quant Time: Aug 25 07:45:39 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)

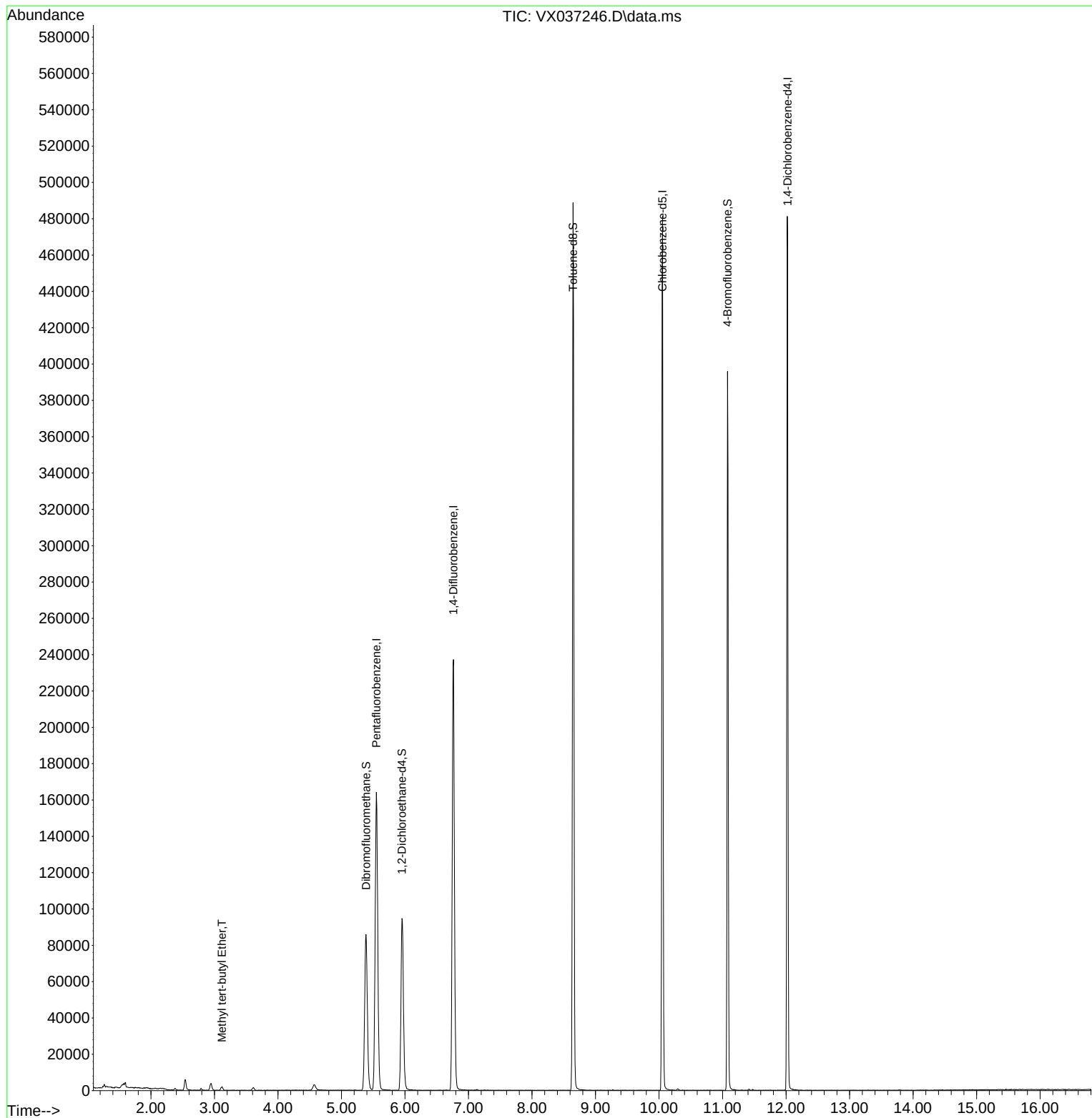
Internal Standards						
1) Pentafluorobenzene	5.550	168	152252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97195	44.280	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.560%
35) Dibromofluoromethane	5.385	113	76891	46.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.860%
50) Toluene-d8	8.647	98	292930	48.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	109250	46.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	2235	0.376	ug/l	Qvalue 94

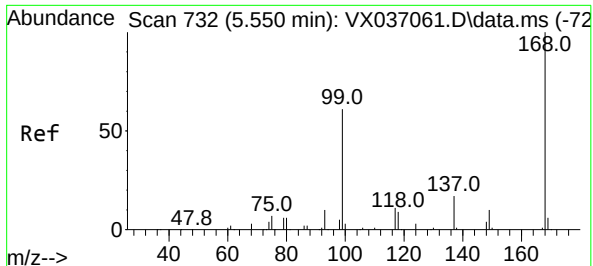
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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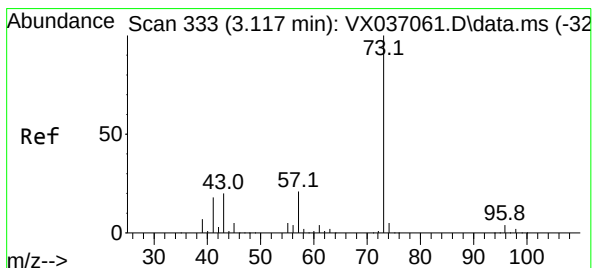
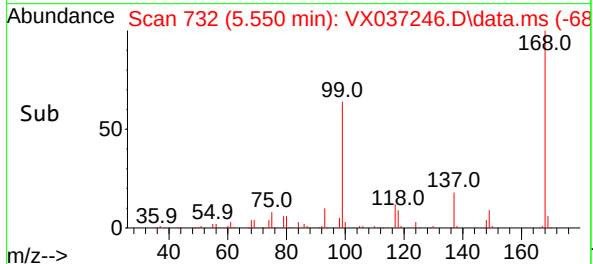
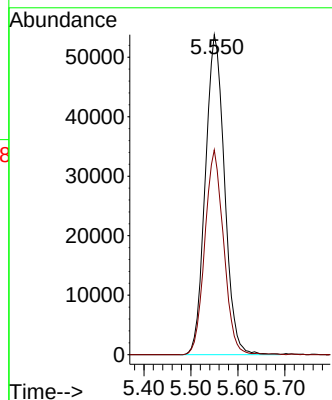
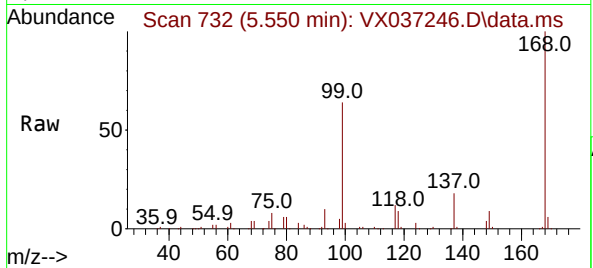




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

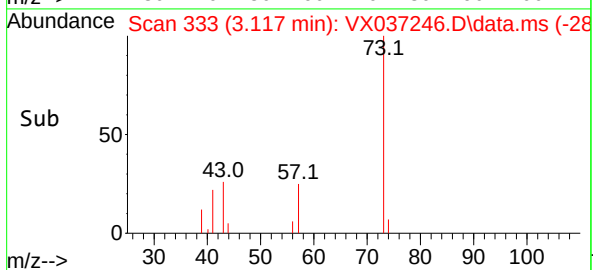
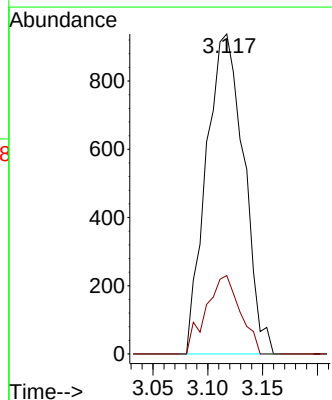
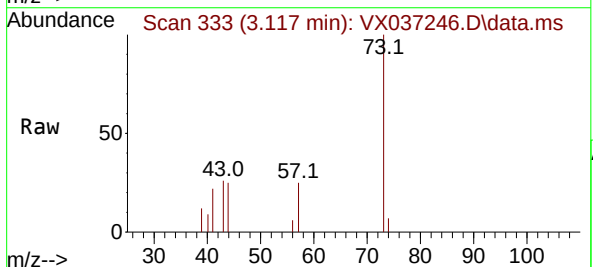
Instrument : MSVOA_X
ClientSampleId : BP-TT-RW11-MW01S-GW-20230816

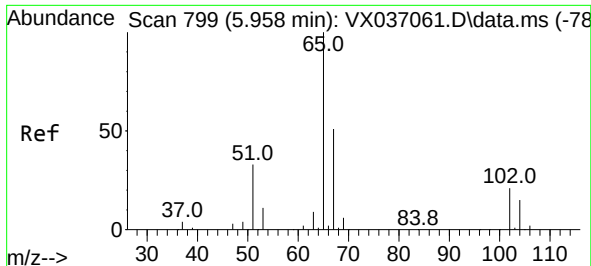
Tgt Ion:168 Resp: 152252
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 0.376 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Tgt Ion: 73 Resp: 2235
Ion Ratio Lower Upper
73 100
57 24.5 17.3 25.9





#33

1,2-Dichloroethane-d4

Concen: 44.280 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037246.D

Acq: 25 Aug 2023 04:23

Instrument :

MSVOA_X

ClientSampleId :

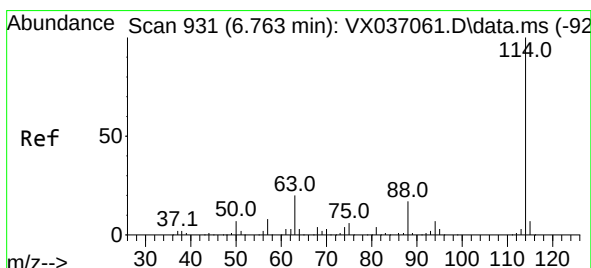
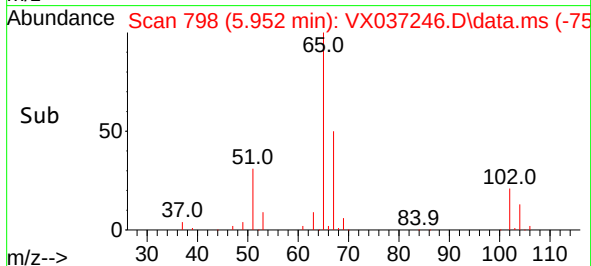
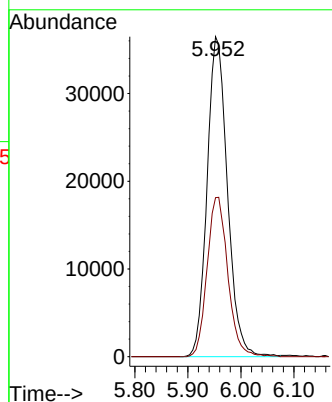
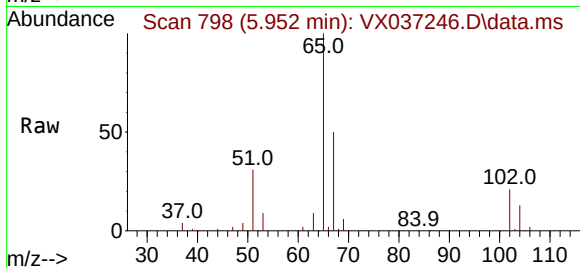
BP-TT-RW11-MW01S-GW-20230816

Tgt Ion: 65 Resp: 97195

Ion Ratio Lower Upper

65 100

67 50.8 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: VX037246.D

Acq: 25 Aug 2023 04:23

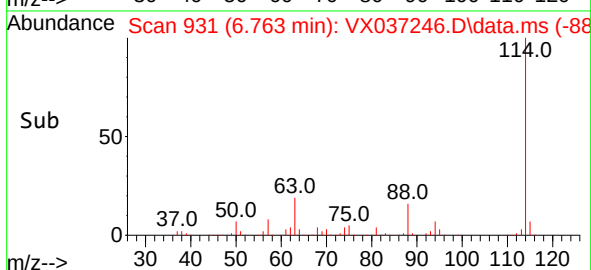
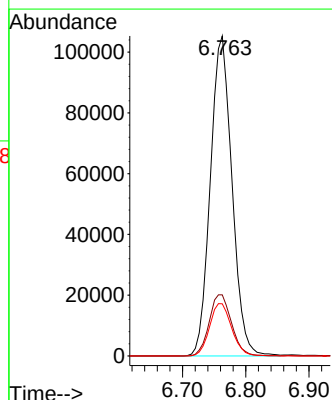
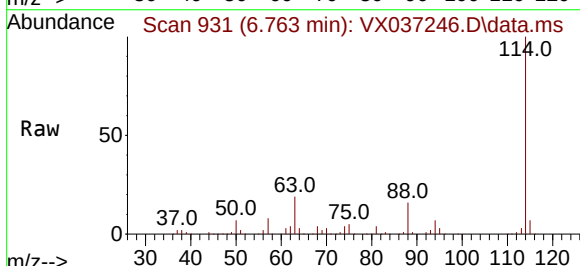
Tgt Ion: 114 Resp: 250081

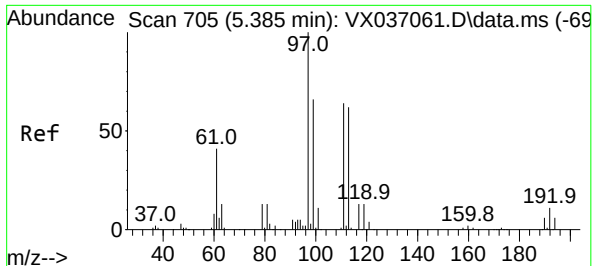
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.425 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037246.D

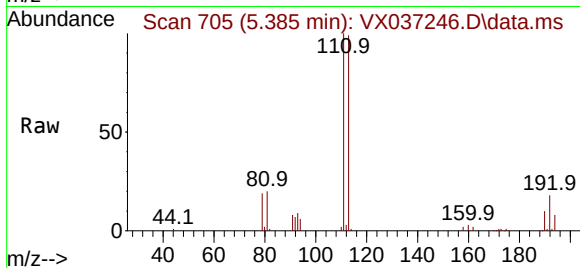
Acq: 25 Aug 2023 04:23

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-RW11-MW01S-GW-20230816



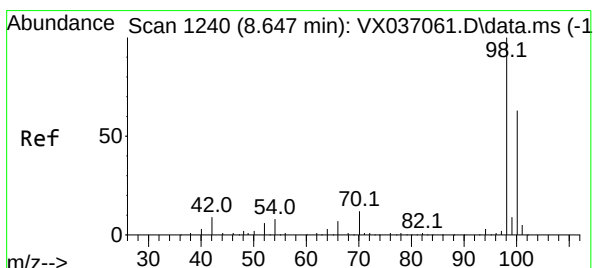
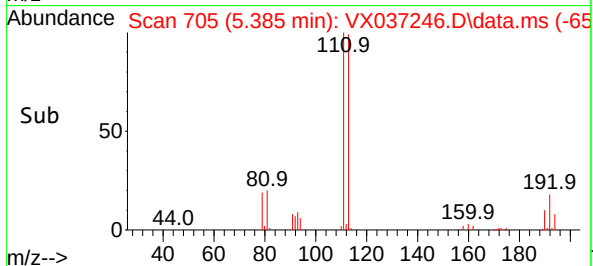
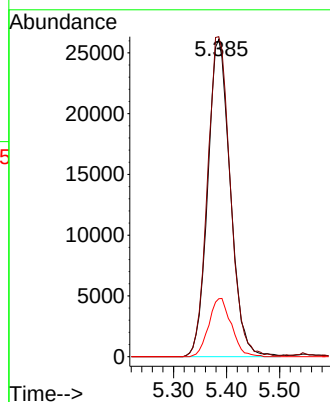
Tgt Ion:113 Resp: 76891

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 18.4 13.3 19.9



#50

Toluene-d8

Concen: 48.759 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037246.D

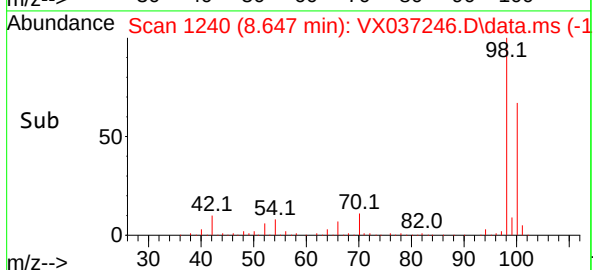
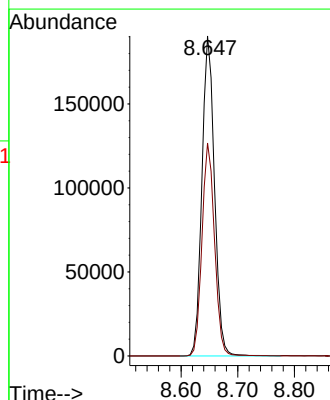
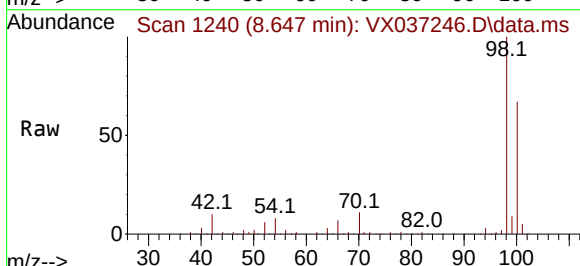
Acq: 25 Aug 2023 04:23

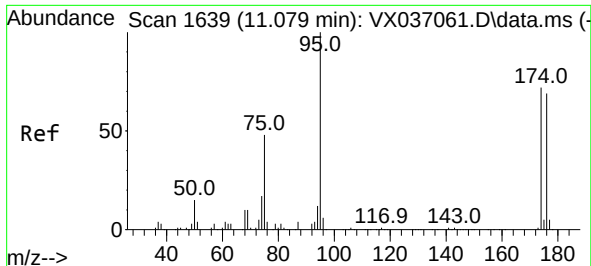
Tgt Ion: 98 Resp: 292930

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7

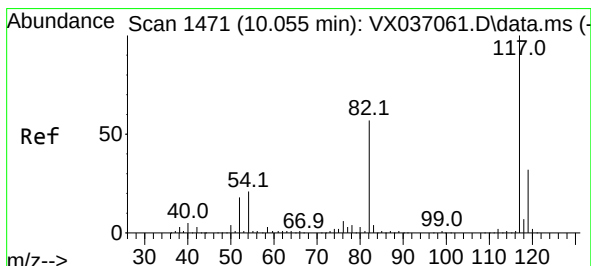
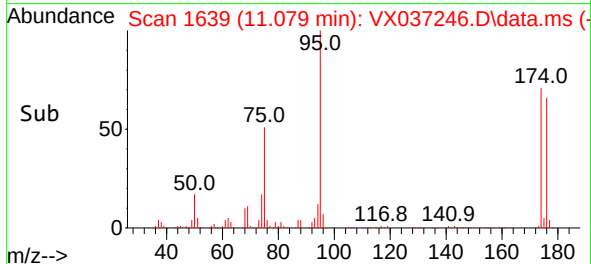
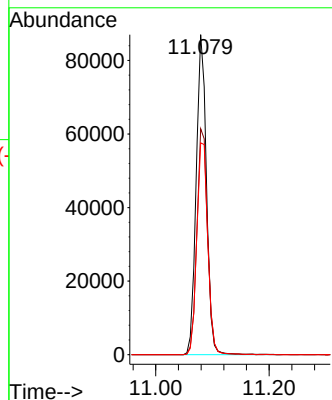
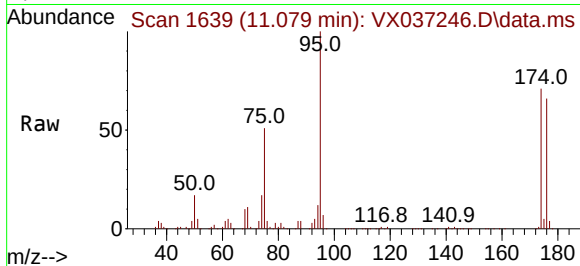




#62
4-Bromofluorobenzene
Concen: 46.273 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

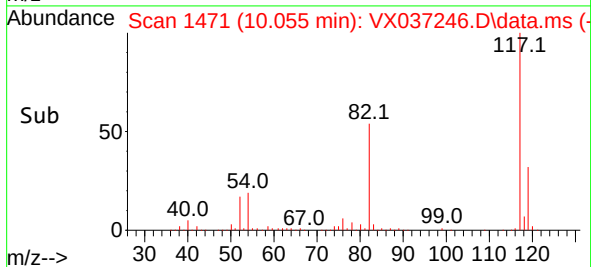
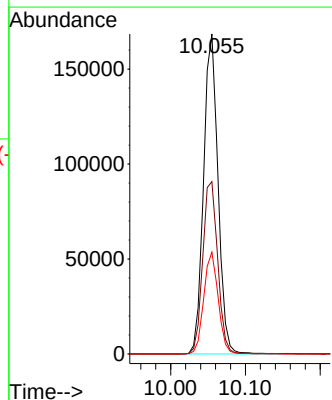
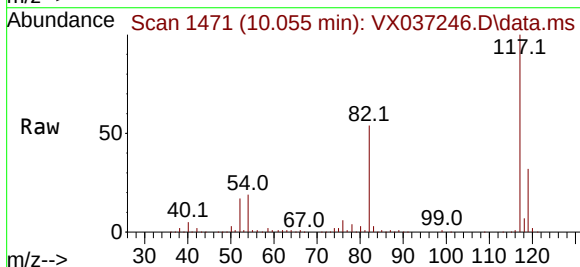
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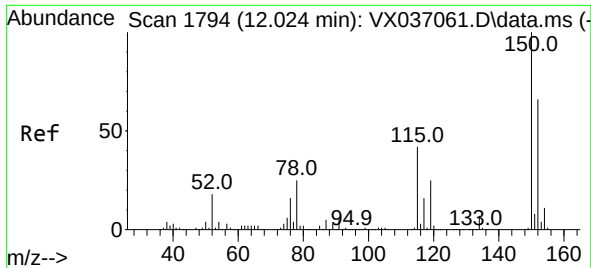
Tgt Ion: 95 Resp: 109250
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Tgt Ion: 117 Resp: 226312
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 31.8 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: VX037246.D
 Acq: 25 Aug 2023 04:23

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-RW11-MW01S-GW-20230816

Tgt Ion:152 Resp: 101298
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.3 129.9
 150 156.6 0.0 345.0

