

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039201.D
 Acq On : 14 Dec 2023 12:07
 Operator : JC/MD
 Sample : 05719-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-RW10A-MW01S-GW-20231205

Quant Time: Dec 15 02:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

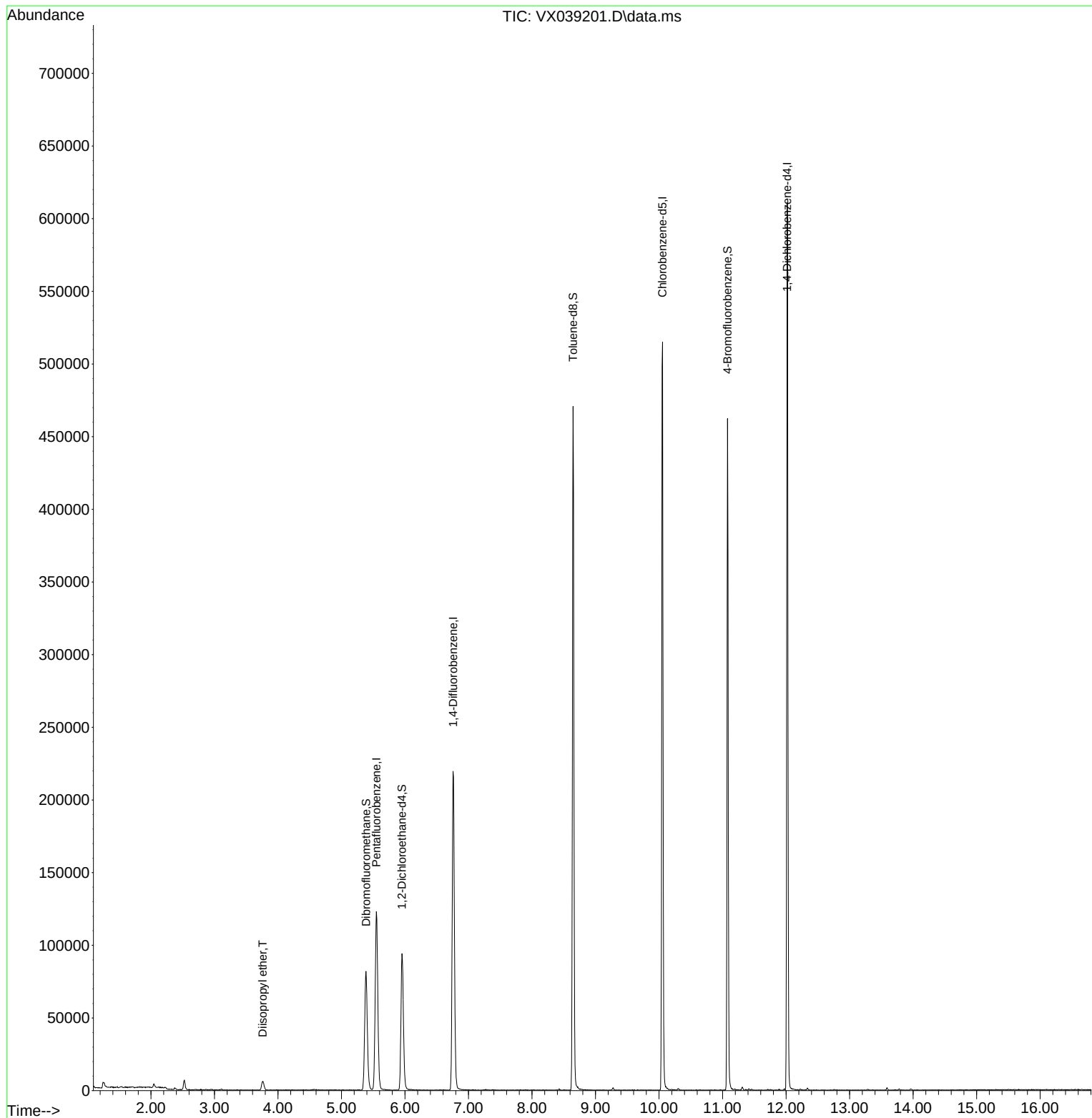
Internal Standards						
1) Pentafluorobenzene	5.550	168	104611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92476	48.255	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.520%
35) Dibromofluoromethane	5.385	113	71274	48.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	8.647	98	272875	49.550	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	126351	55.608	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.220%
Target Compounds						
22) Diisopropyl ether	3.757	45	6865	1.384	ug/l	Qvalue # 67

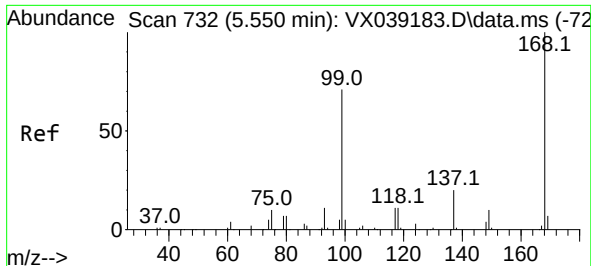
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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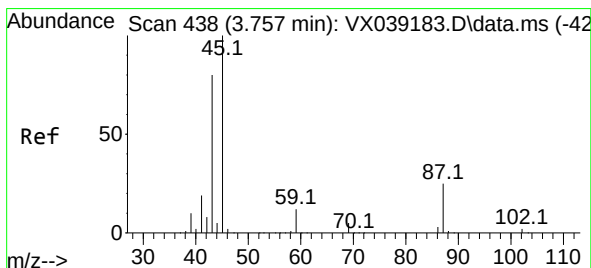
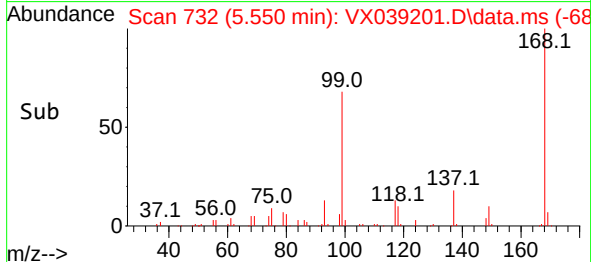
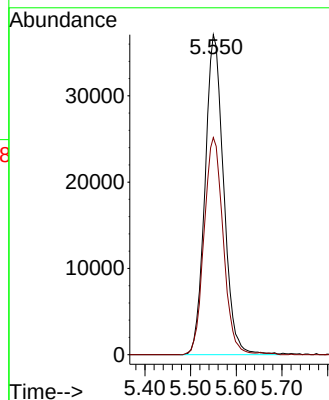
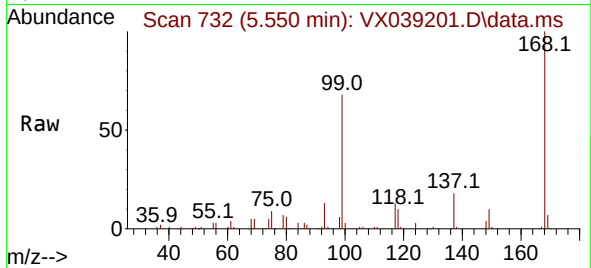




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

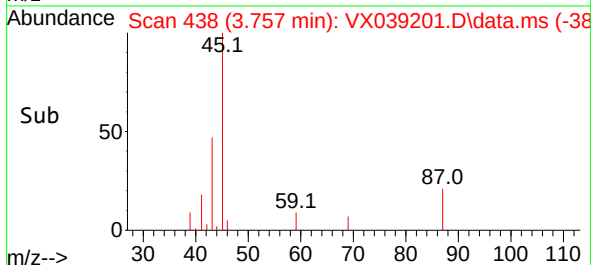
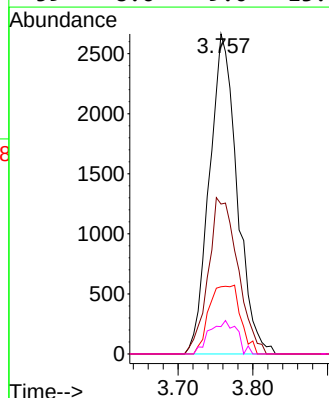
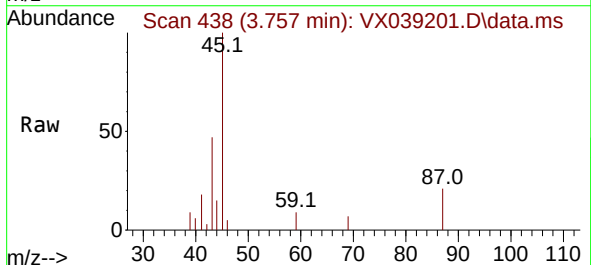
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW10A-MW01S-GW-20231205

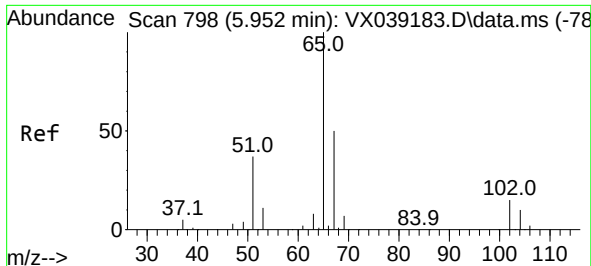
Tgt Ion:168 Resp: 104611
Ion Ratio Lower Upper
168 100
99 67.9 56.6 85.0



#22
Diisopropyl ether
Concen: 1.384 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039201.D
Acq: 14 Dec 2023 12:07

Tgt Ion: 45 Resp: 6865
Ion Ratio Lower Upper
45 100
43 46.8 69.7 104.5#
87 21.0 20.8 31.2
59 8.6 9.0 13.4#





#33

1,2-Dichloroethane-d4

Concen: 48.255 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039201.D

Acq: 14 Dec 2023 12:07

Instrument :

MSVOA_X

ClientSampleId :

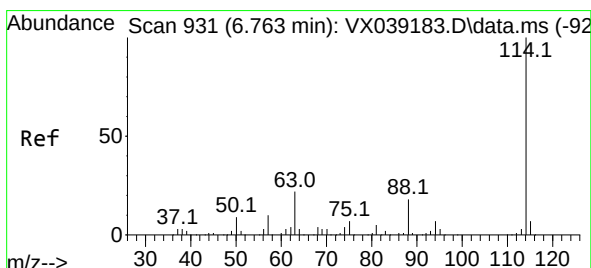
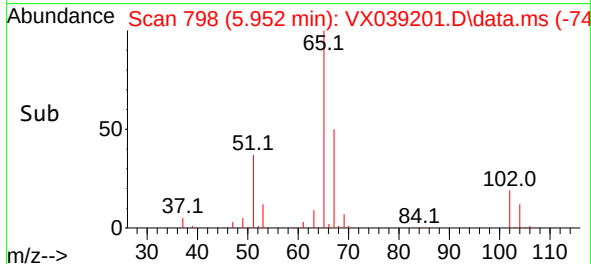
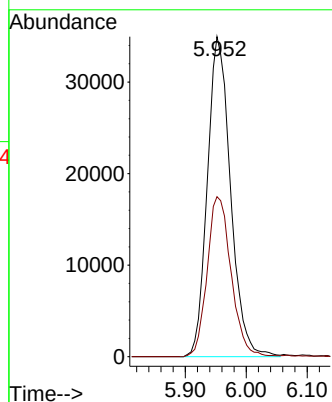
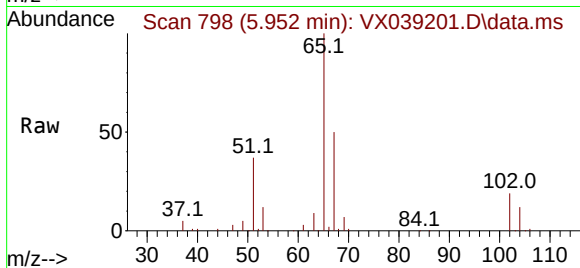
BP-TT-RW10A-MW01S-GW-20231205

Tgt Ion: 65 Resp: 92476

Ion Ratio Lower Upper

65 100

67 51.5 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: VX039201.D

Acq: 14 Dec 2023 12:07

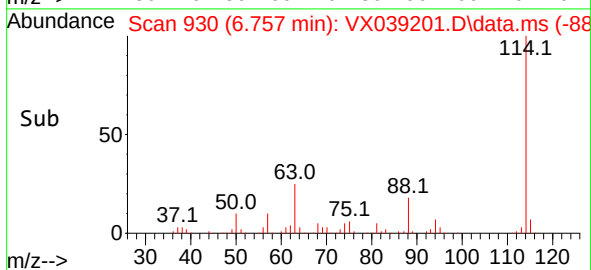
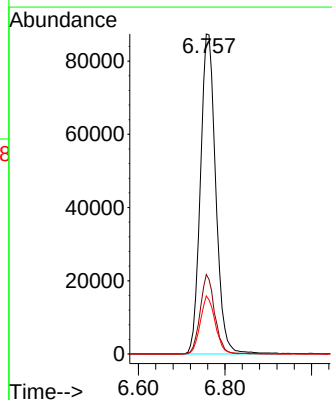
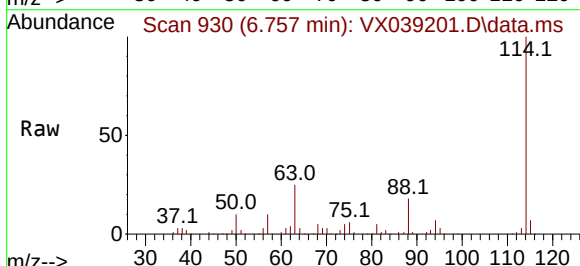
Tgt Ion: 114 Resp: 214717

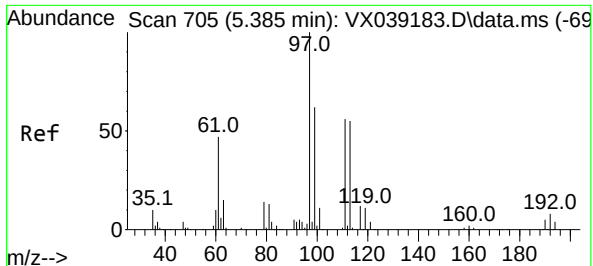
Ion Ratio Lower Upper

114 100

63 24.8 0.0 45.0

88 18.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.049 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039201.D

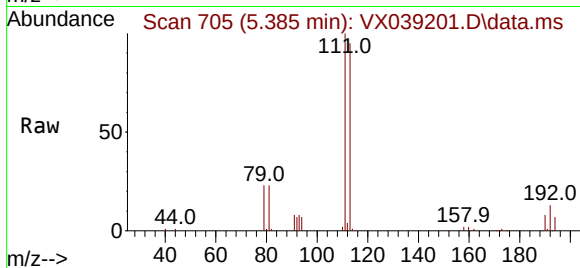
Acq: 14 Dec 2023 12:07

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-RW10A-MW01S-GW-20231205



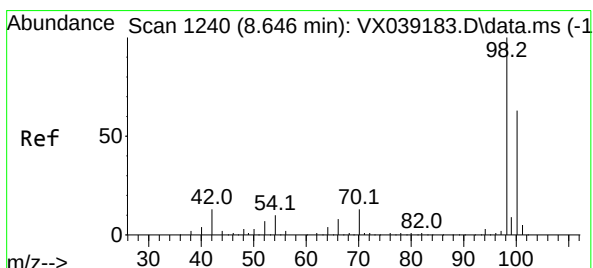
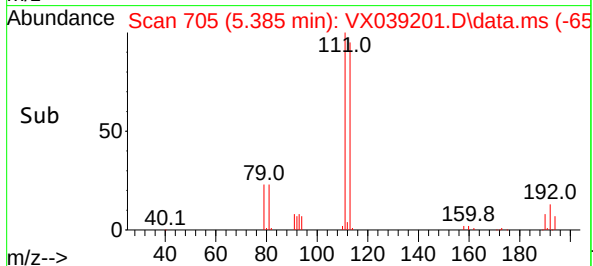
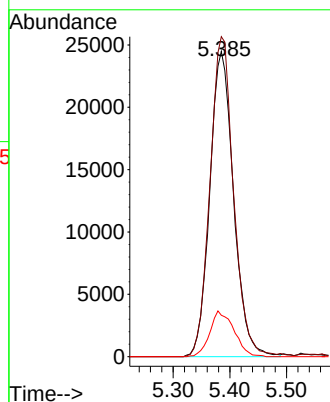
Tgt Ion:113 Resp: 71274

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

192 15.2 13.3 19.9



#50

Toluene-d8

Concen: 49.550 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039201.D

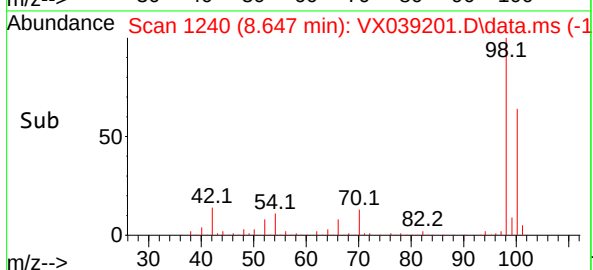
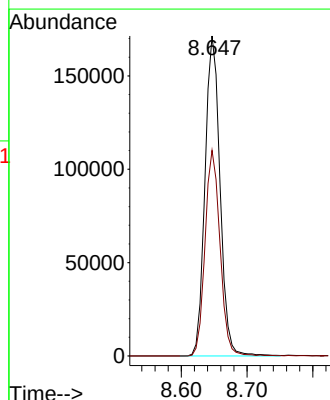
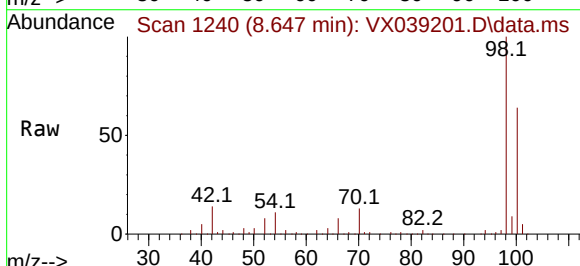
Acq: 14 Dec 2023 12:07

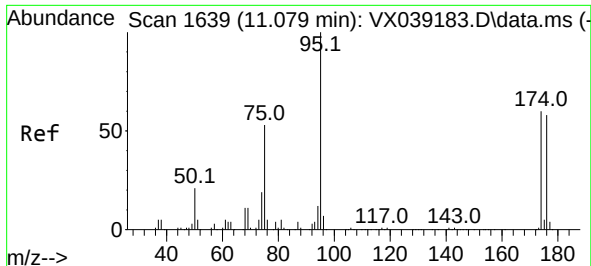
Tgt Ion: 98 Resp: 272875

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 55.608 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039201.D

Acq: 14 Dec 2023 12:07

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-RW10A-MW01S-GW-20231205

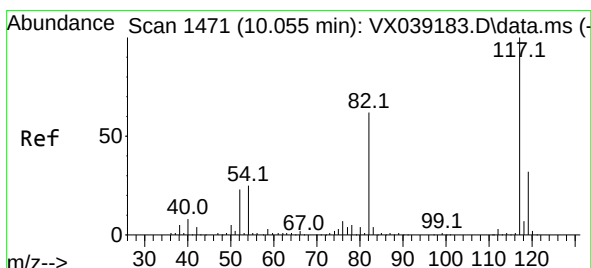
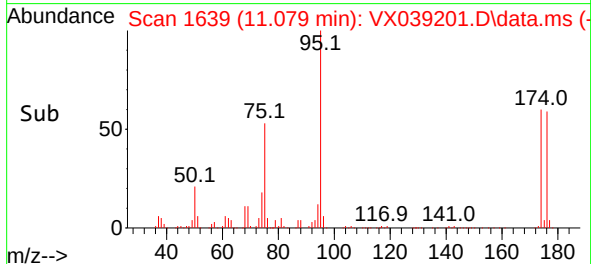
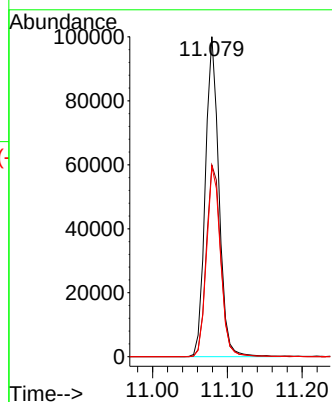
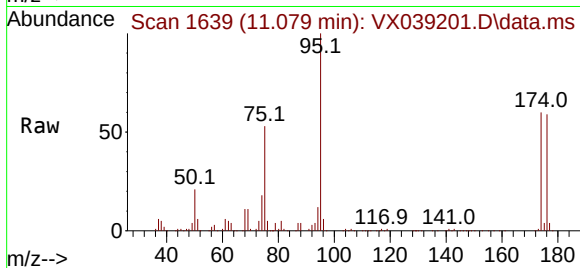
Tgt Ion: 95 Resp: 126351

Ion Ratio Lower Upper

95 100

174 63.4 0.0 135.6

176 61.0 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: VX039201.D

Acq: 14 Dec 2023 12:07

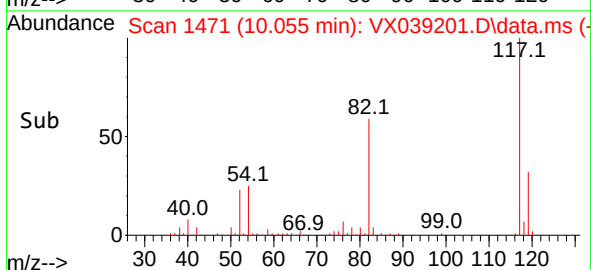
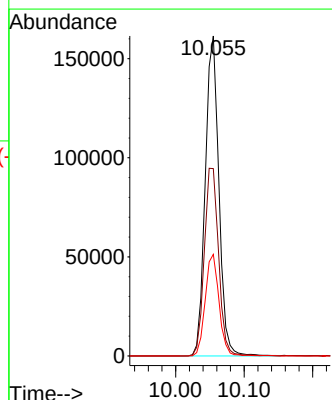
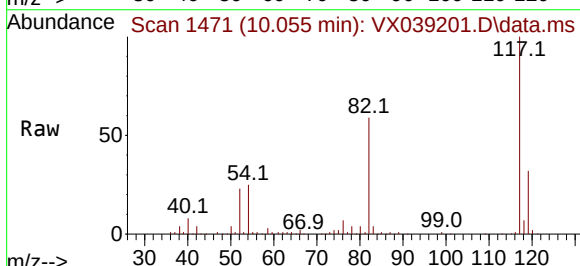
Tgt Ion: 117 Resp: 223724

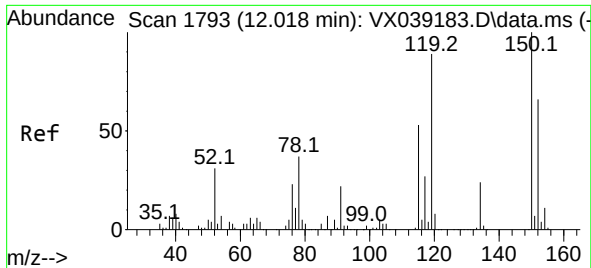
Ion Ratio Lower Upper

117 100

82 58.5 46.2 69.4

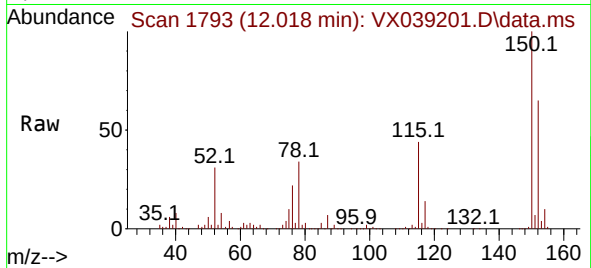
119 31.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039201.D
 Acq: 14 Dec 2023 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-RW10A-MW01S-GW-20231205



Tgt Ion:152 Resp: 114734
 Ion Ratio Lower Upper
 152 100
 115 67.6 43.3 129.9
 150 155.1 0.0 345.0

