

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010604.D
 Acq On : 21 Sep 2022 17:18
 Operator : KP/MD
 Sample : N4702-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-091622

Quant Time: Sep 22 06:11:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	195070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	366243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	360997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97005	51.991	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.980%
35) Dibromofluoromethane	7.710	113	92079	39.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.780%
50) Toluene-d8	10.179	98	356424	41.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.620%
62) 4-Bromofluorobenzene	12.477	95	114774	34.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.980%

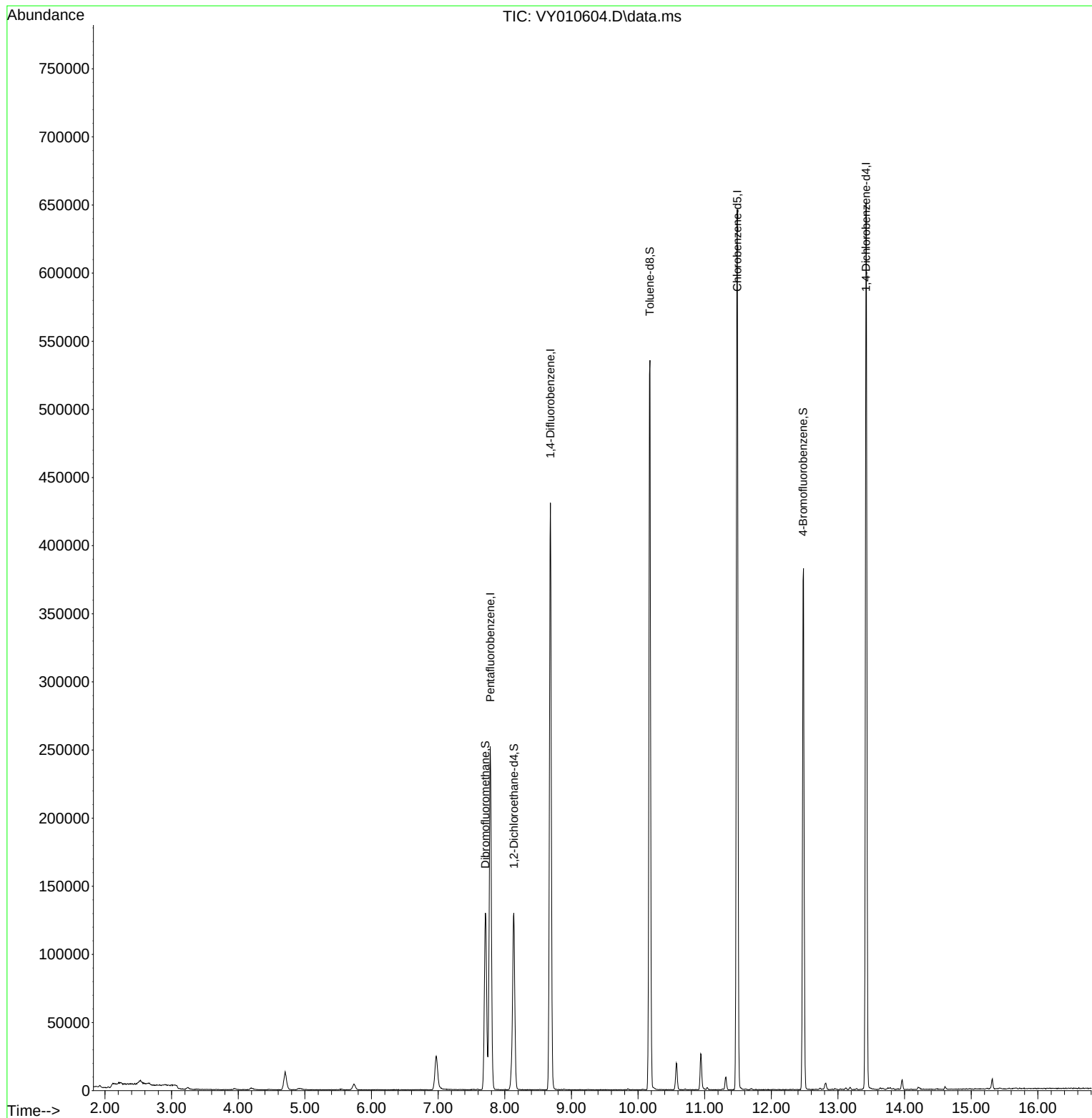
Target Compounds	Qvalue

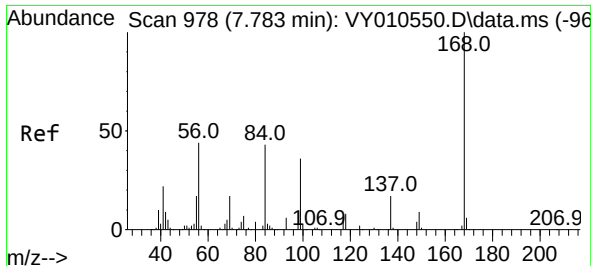
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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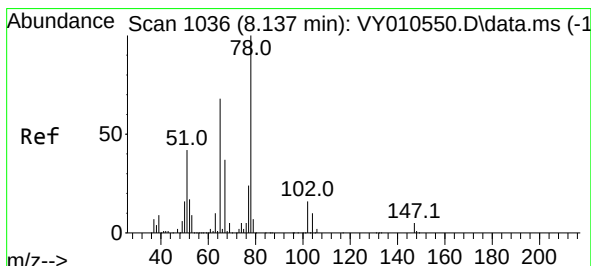
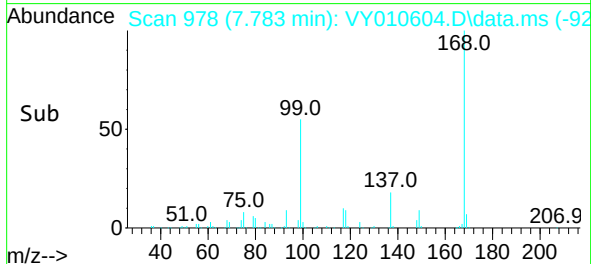
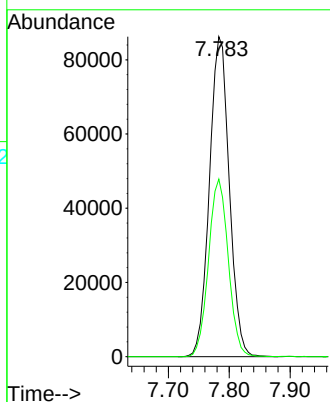
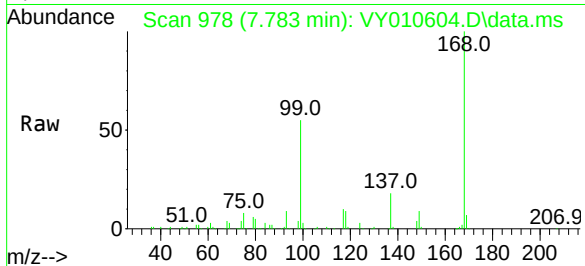




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010604.D
Acq: 21 Sep 2022 17:18

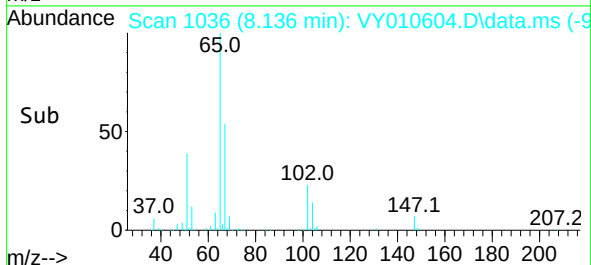
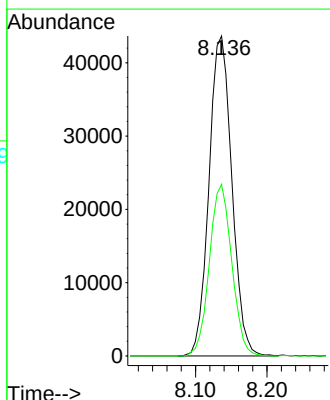
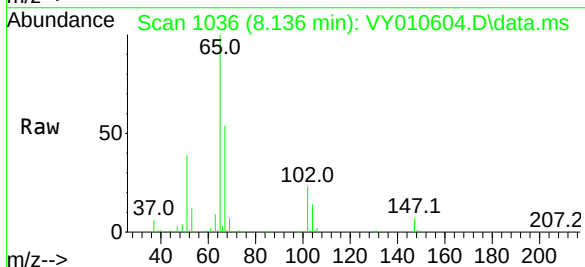
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-091622

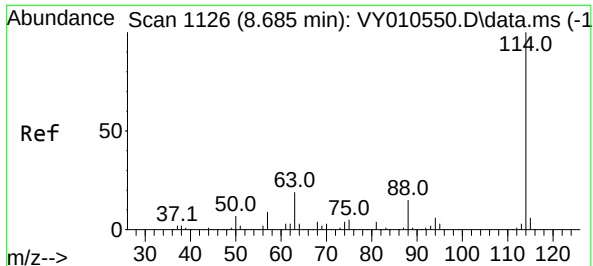
Tgt Ion:168 Resp: 195070
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.991 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010604.D
Acq: 21 Sep 2022 17:18

Tgt Ion: 65 Resp: 97005
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

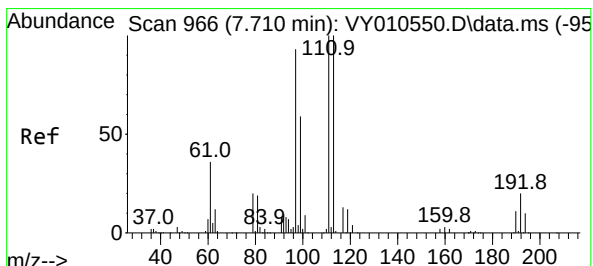
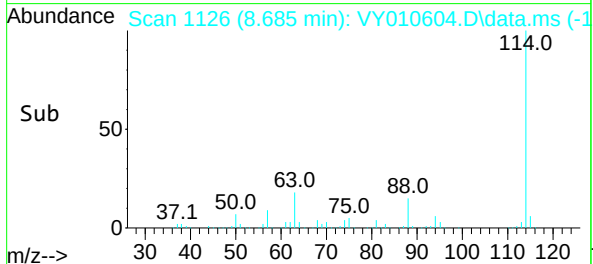
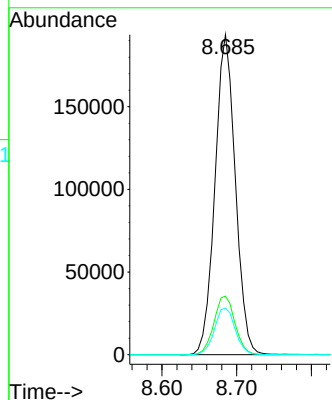
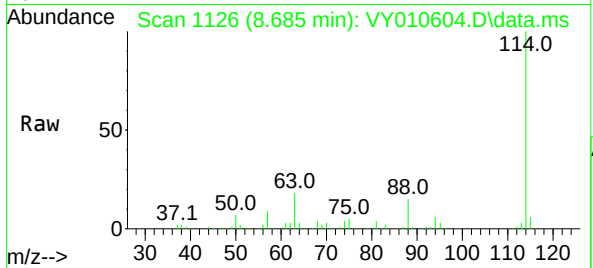




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010604.D
Acq: 21 Sep 2022 17:18

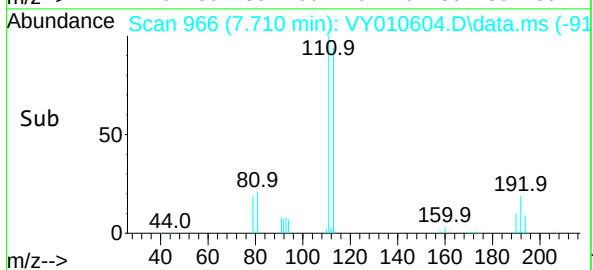
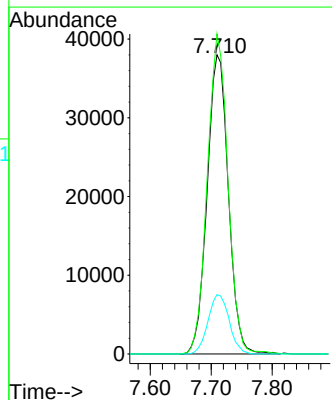
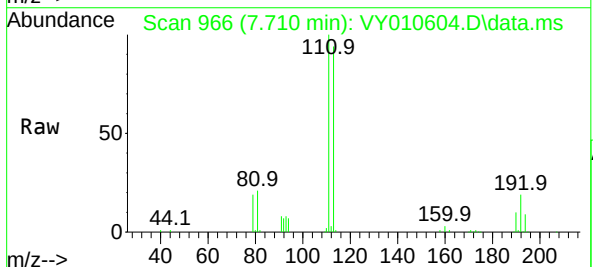
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-091622

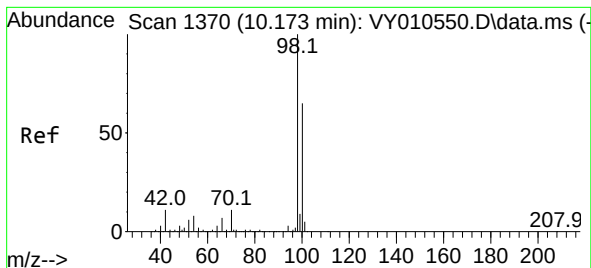
Tgt Ion:114 Resp: 366243
Ion Ratio Lower Upper
114 100
63 18.3 0.0 43.2
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 39.394 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010604.D
Acq: 21 Sep 2022 17:18

Tgt Ion:113 Resp: 92079
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 19.7 17.6 26.4





#50

Toluene-d8

Concen: 41.806 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010604.D

Acq: 21 Sep 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

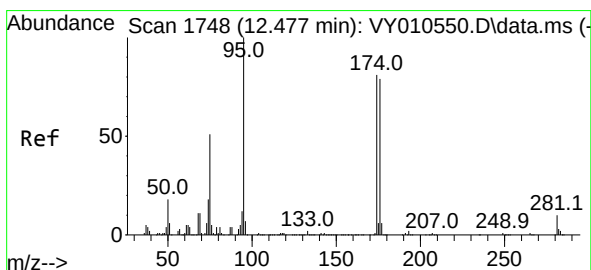
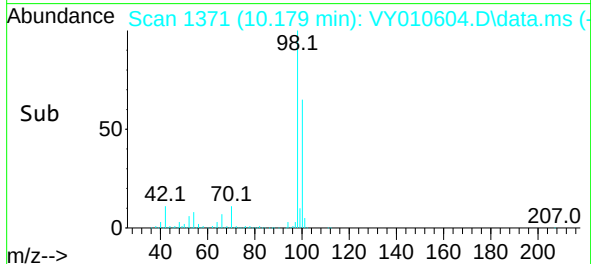
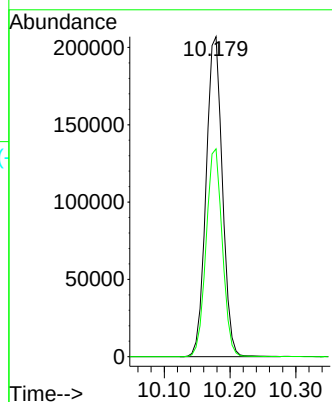
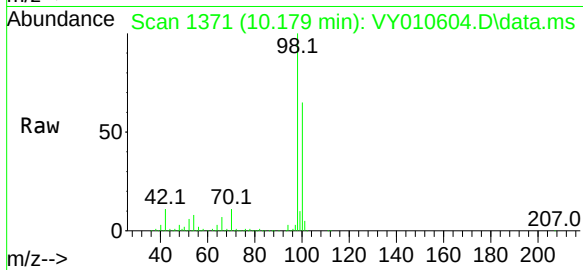
BU-03-091622

Tgt Ion: 98 Resp: 356424

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 34.990 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY010604.D

Acq: 21 Sep 2022 17:18

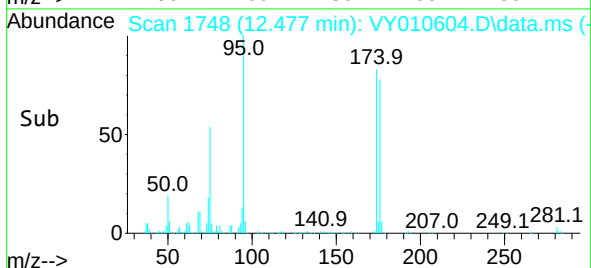
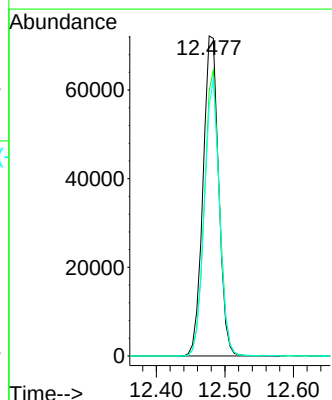
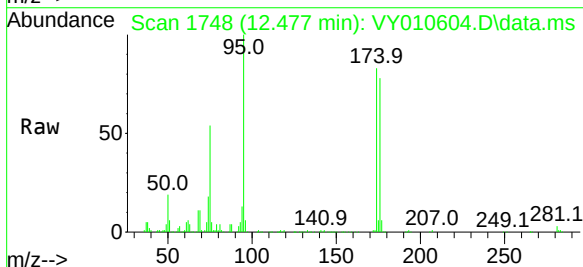
Tgt Ion: 95 Resp: 114774

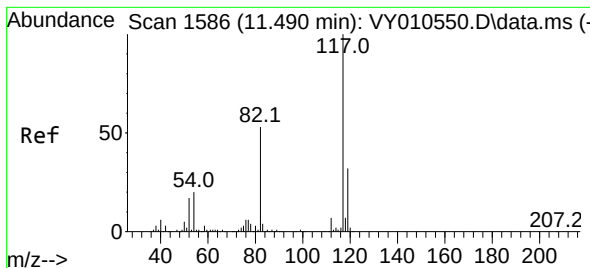
Ion Ratio Lower Upper

95 100

174 86.5 0.0 177.0

176 83.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010604.D

Acq: 21 Sep 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-091622

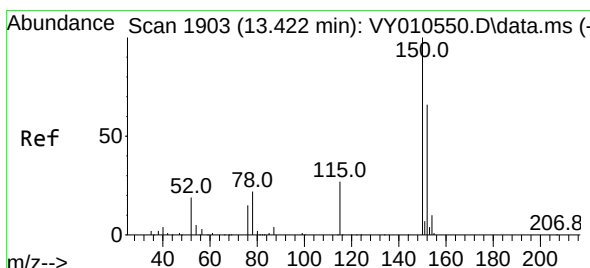
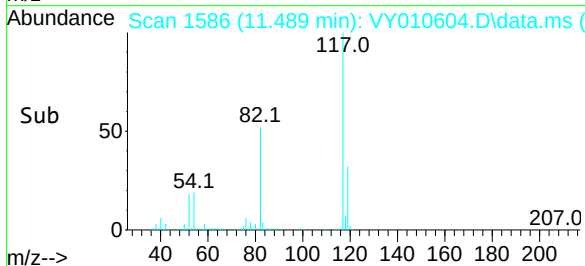
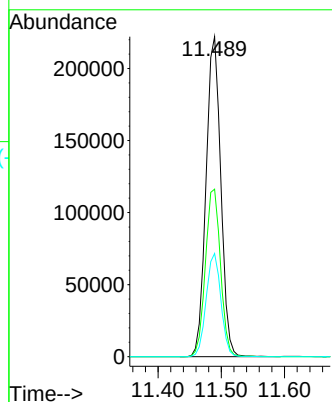
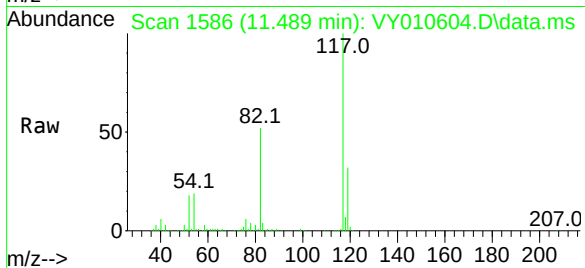
Tgt Ion:117 Resp: 360997

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010604.D

Acq: 21 Sep 2022 17:18

Tgt Ion:152 Resp: 164504

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 158.0 0.0 347.6

