

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012052.D
 Acq On : 03 Jan 2023 17:19
 Operator : KP/MD
 Sample : N6248-12
 Misc : 12.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-20

Quant Time: Jan 04 01:20:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	168184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132260	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119672	70.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.260%
35) Dibromofluoromethane	7.716	113	95815	53.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.480%
50) Toluene-d8	10.179	98	361601	49.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.477	95	119698	49.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.400%

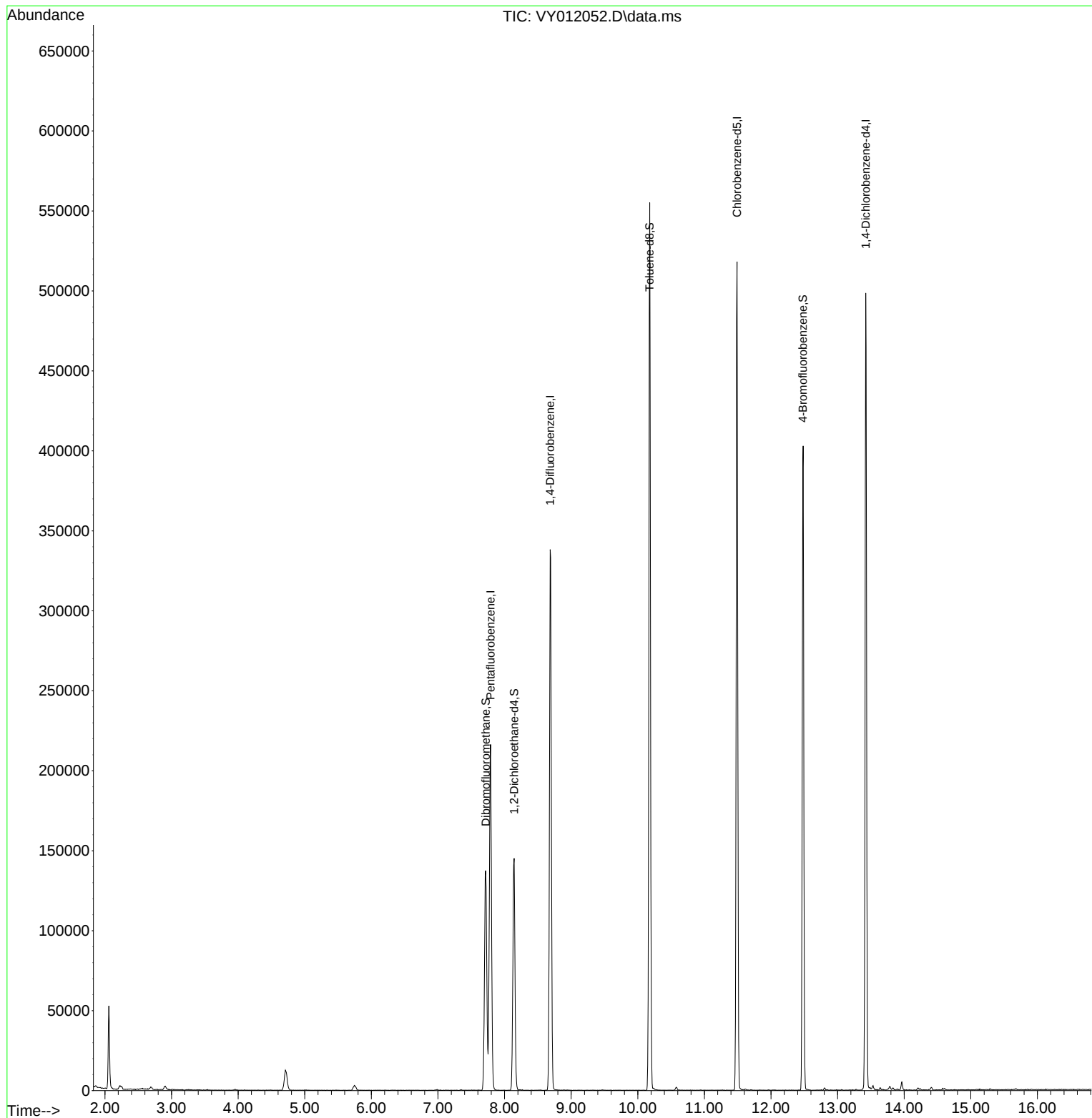
Target Compounds	Qvalue

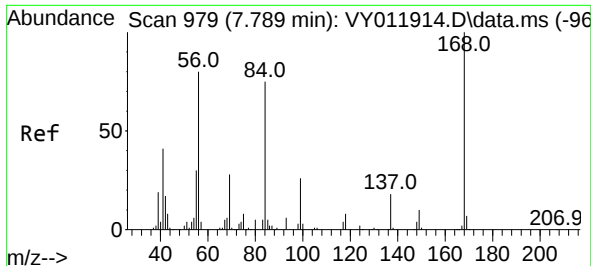
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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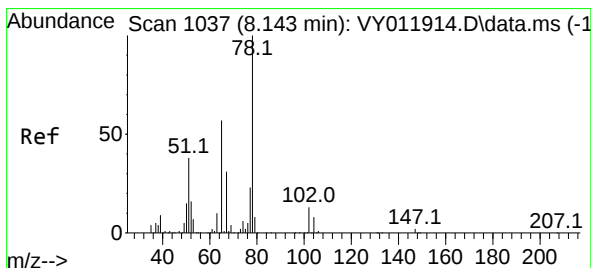
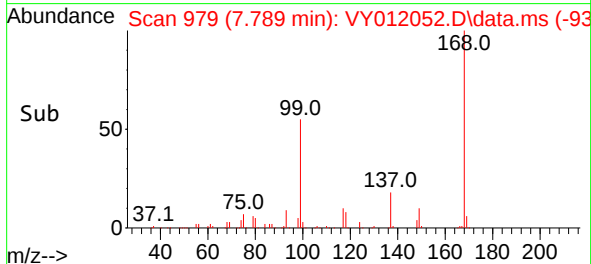
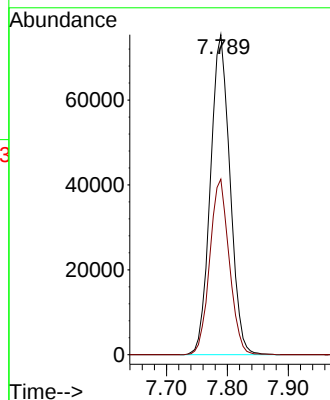
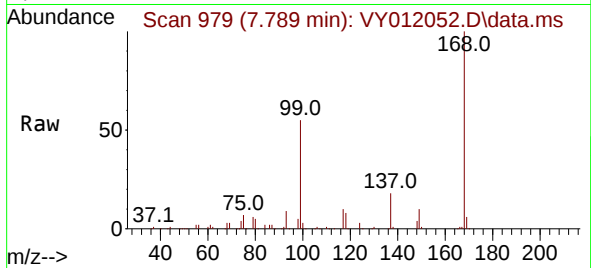




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

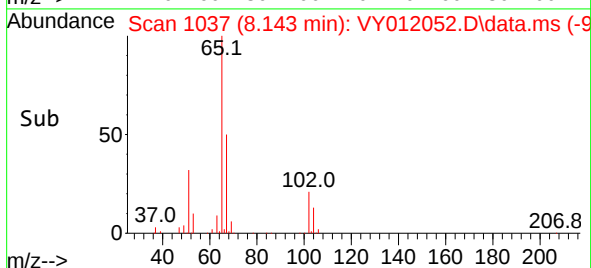
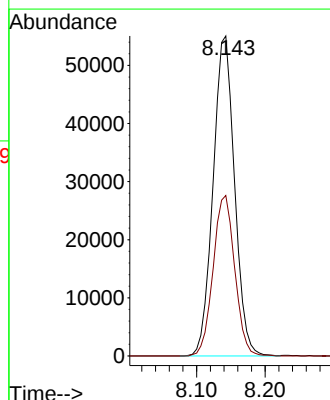
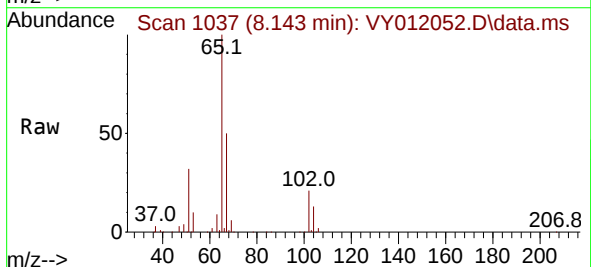
Instrument :
MSVOA_Y
ClientSampleId :
TP-20

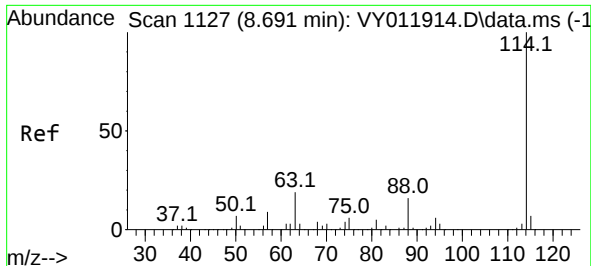
Tgt Ion:168 Resp: 168184
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 70.627 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

Tgt Ion: 65 Resp: 119672
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012052.D

Acq: 03 Jan 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-20

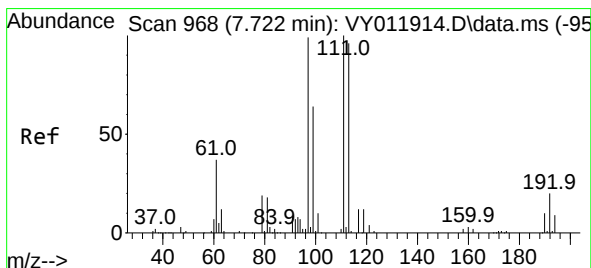
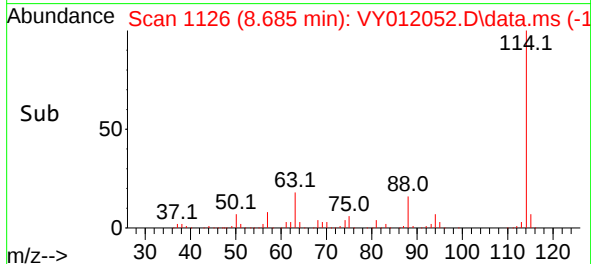
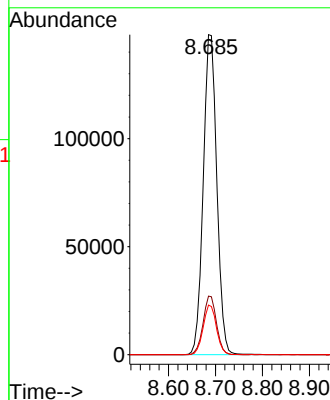
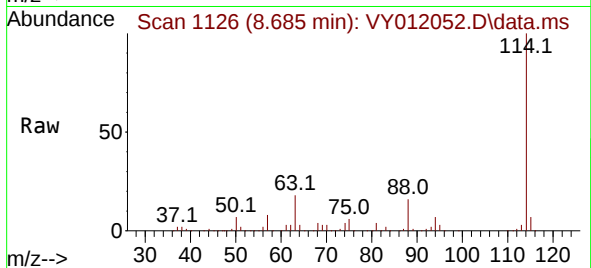
Tgt Ion:114 Resp: 296148

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.741 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012052.D

Acq: 03 Jan 2023 17:19

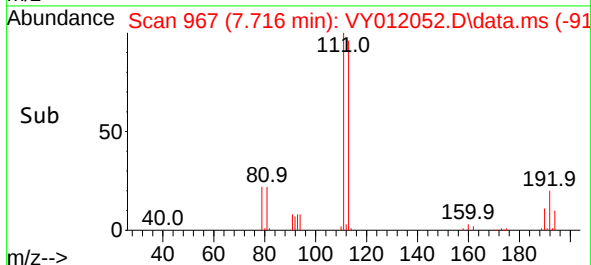
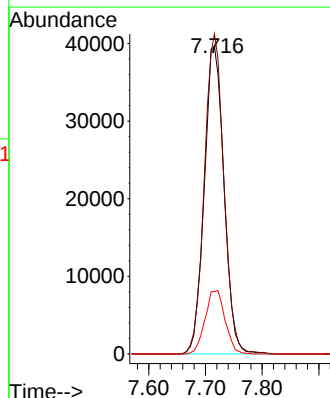
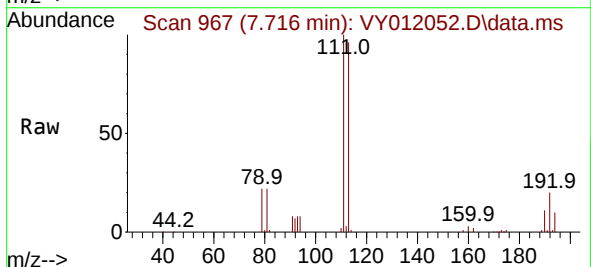
Tgt Ion:113 Resp: 95815

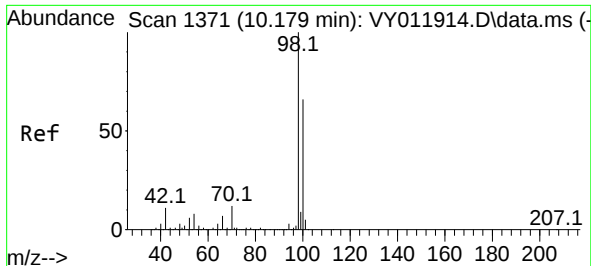
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 20.9 16.0 24.0

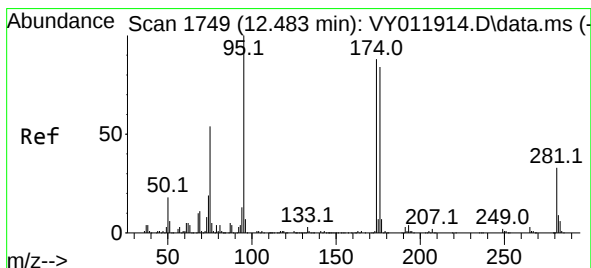
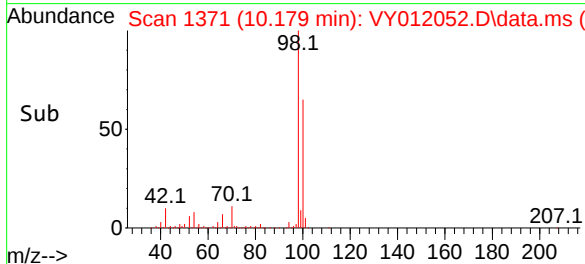
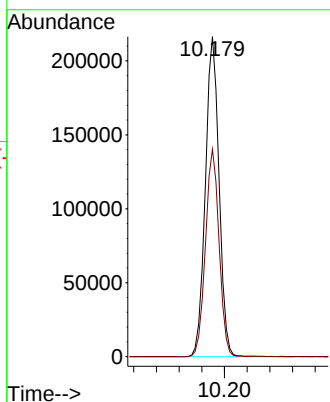
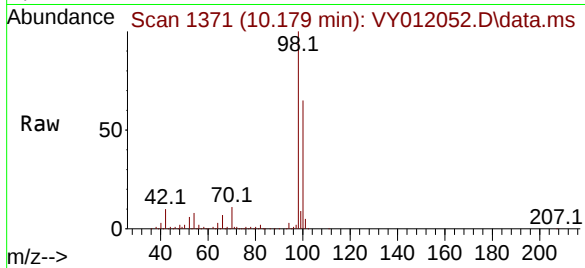




#50
Toluene-d8
Concen: 49.989 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

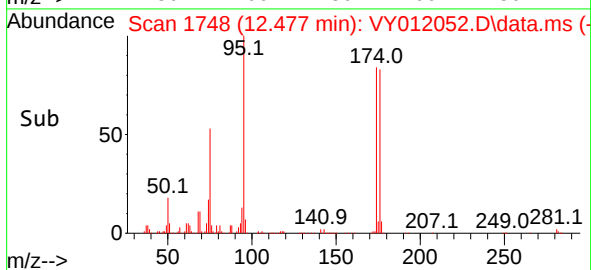
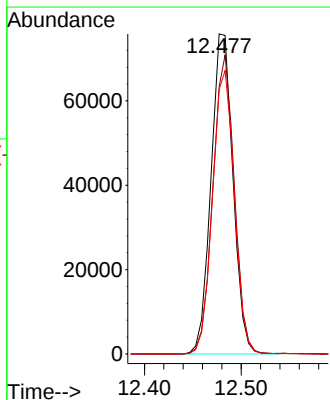
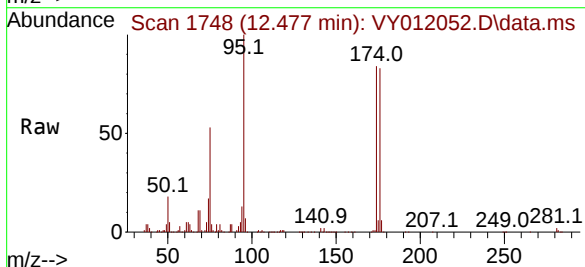
Instrument :
MSVOA_Y
ClientSampleId :
TP-20

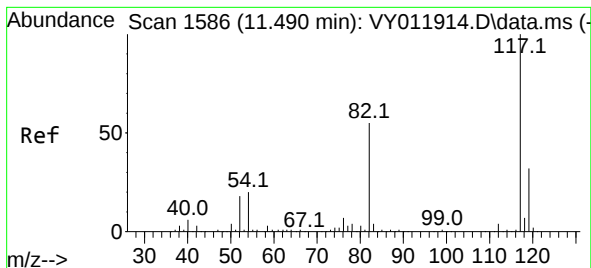
Tgt Ion: 98 Resp: 361601
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.201 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012052.D
Acq: 03 Jan 2023 17:19

Tgt Ion: 95 Resp: 119698
Ion Ratio Lower Upper
95 100
174 91.2 0.0 172.0
176 88.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012052.D

Acq: 03 Jan 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-20

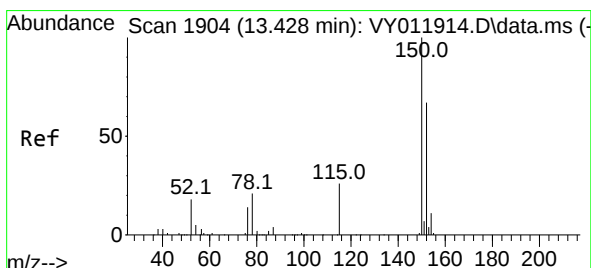
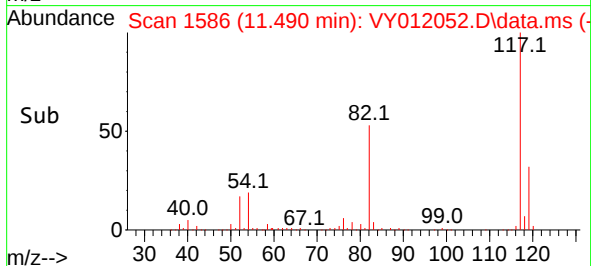
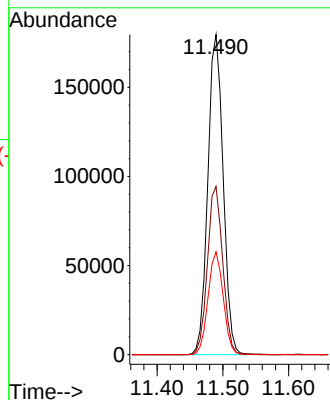
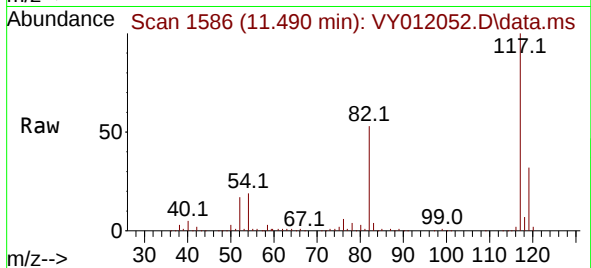
Tgt Ion:117 Resp: 291392

Ion Ratio Lower Upper

117 100

82 52.6 44.8 67.2

119 32.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012052.D

Acq: 03 Jan 2023 17:19

Tgt Ion:152 Resp: 132260

Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.3

150 159.1 0.0 342.6

