

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012054.D
 Acq On : 03 Jan 2023 18:05
 Operator : KP/MD
 Sample : 01001-04
 Misc : 4.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C3

Quant Time: Jan 04 01:20:48 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	176638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	314823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	298858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135029	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107574	60.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.900%
35) Dibromofluoromethane	7.716	113	96460	50.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.179	98	381726	49.641	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.483	95	121704	47.058	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.120%

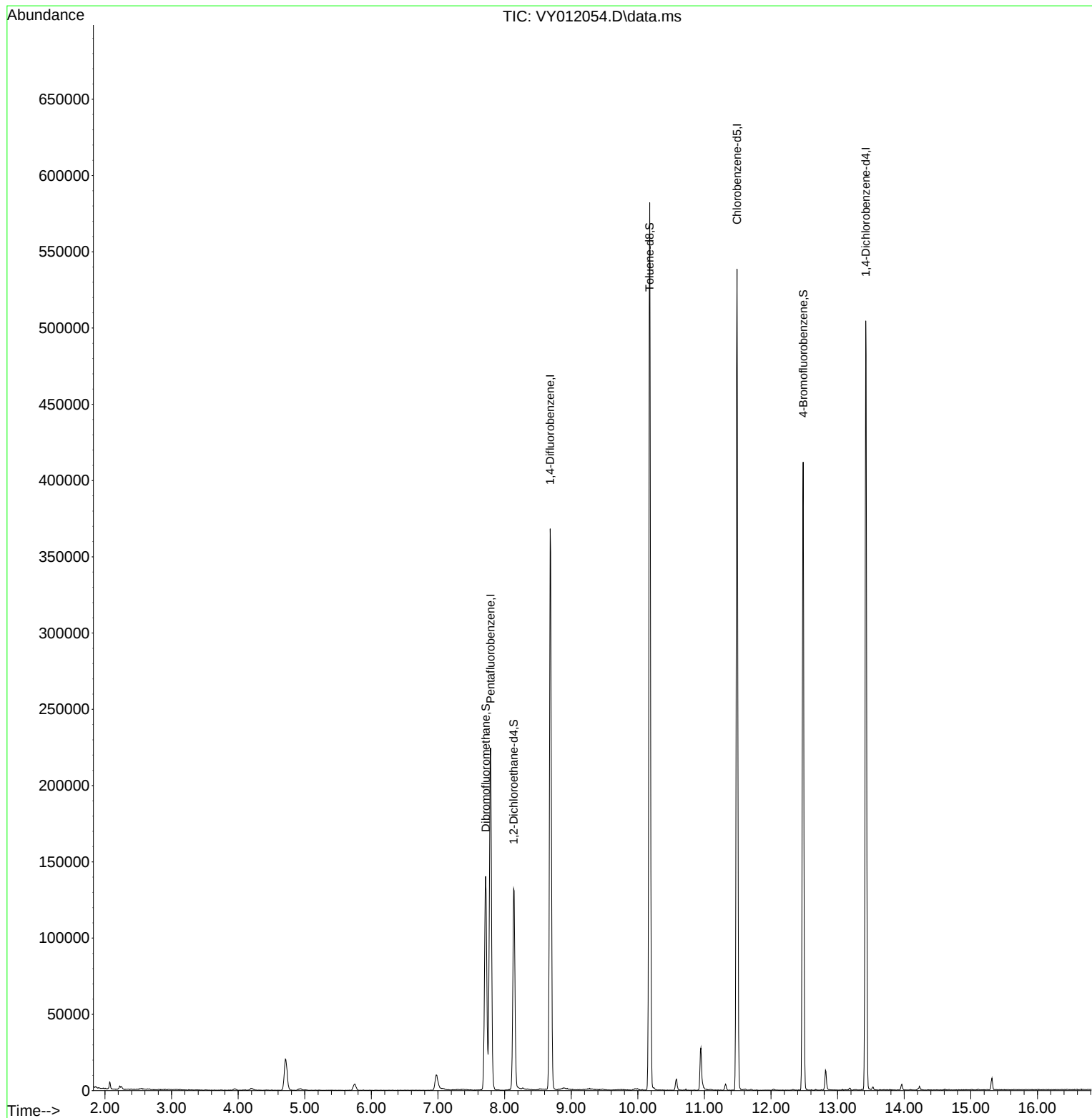
Target Compounds	Qvalue

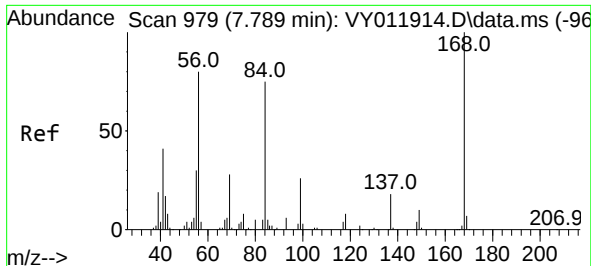
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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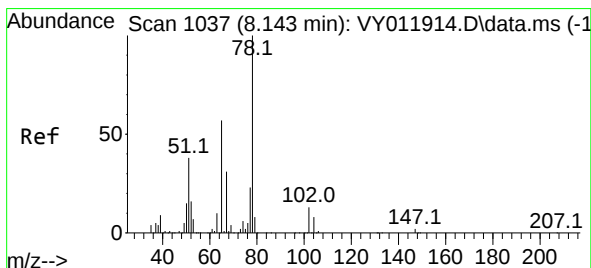
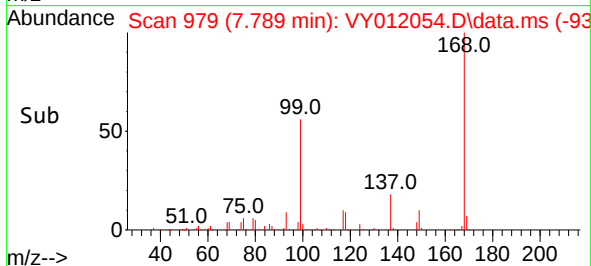
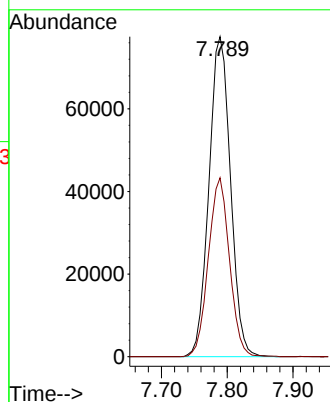
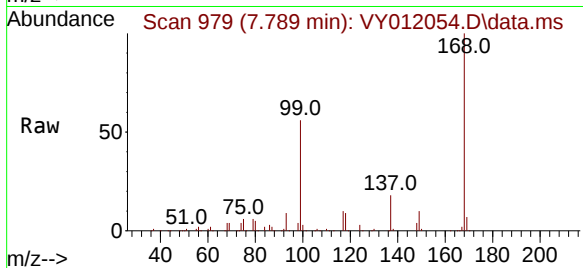




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012054.D
Acq: 03 Jan 2023 18:05

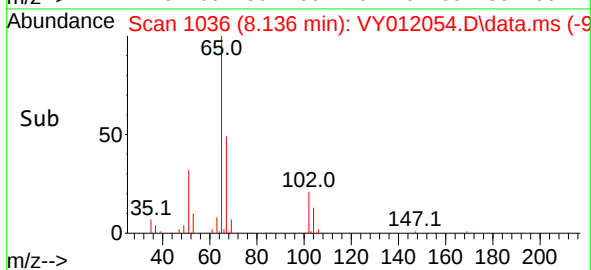
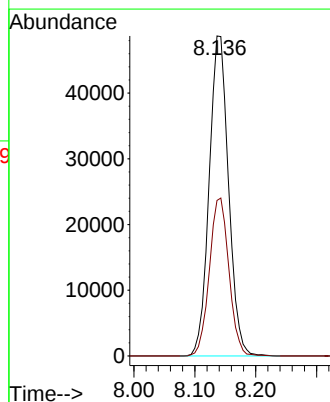
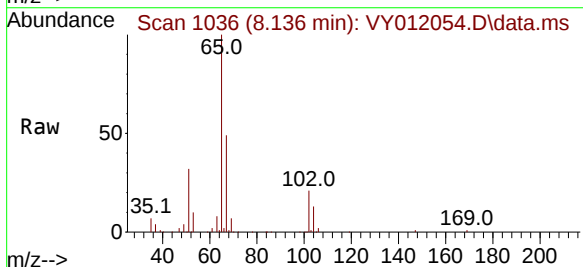
Instrument :
MSVOA_Y
ClientSampleId :
TP-C3

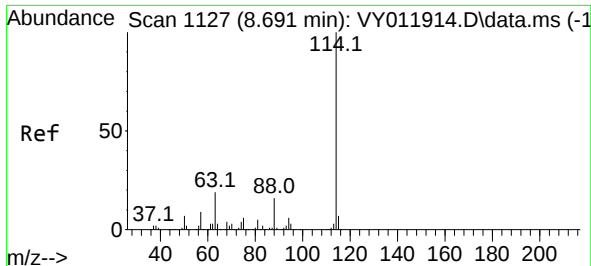
Tgt Ion:168 Resp: 176638
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 60.449 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012054.D
Acq: 03 Jan 2023 18:05

Tgt Ion: 65 Resp: 107574
Ion Ratio Lower Upper
65 100
67 49.8 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: VY012054.D

Acq: 03 Jan 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

TP-C3

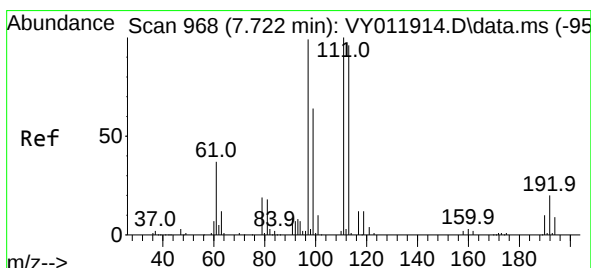
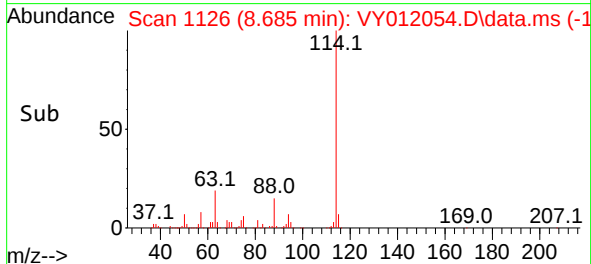
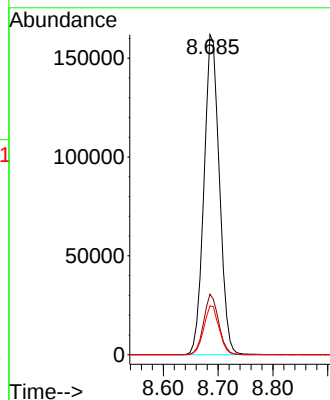
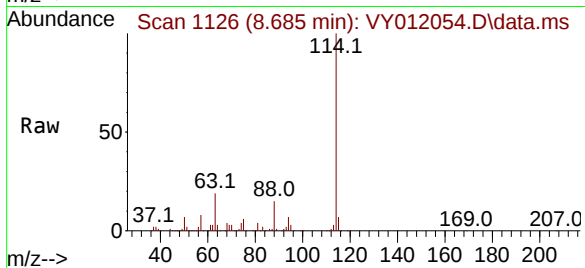
Tgt Ion:114 Resp: 314823

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.894 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012054.D

Acq: 03 Jan 2023 18:05

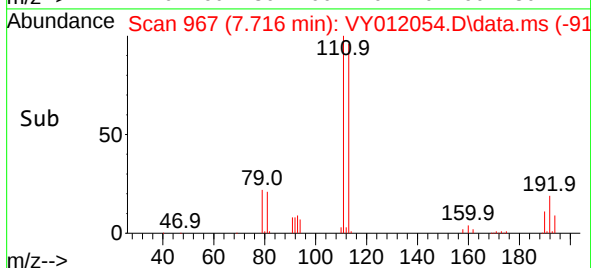
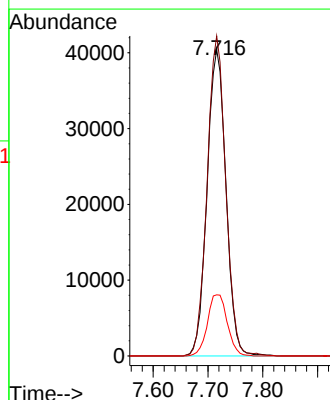
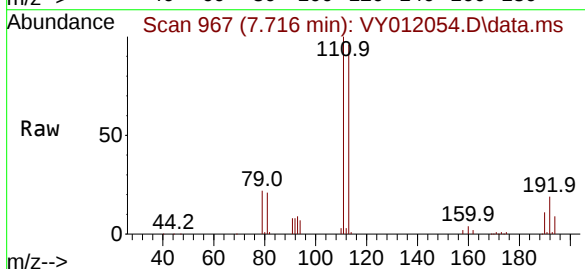
Tgt Ion:113 Resp: 96460

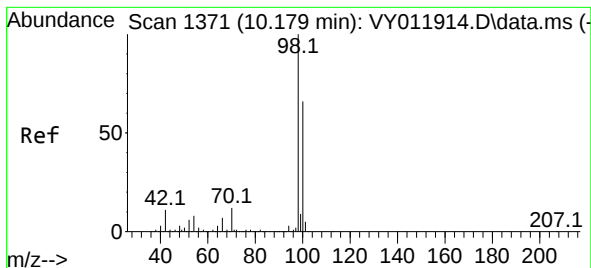
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 21.0 16.0 24.0

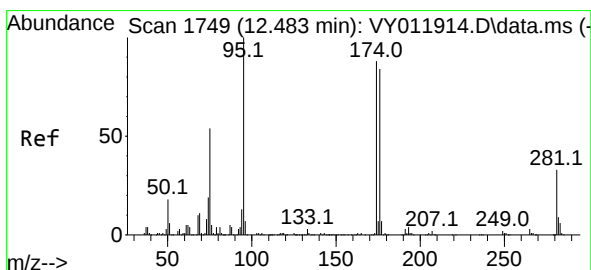
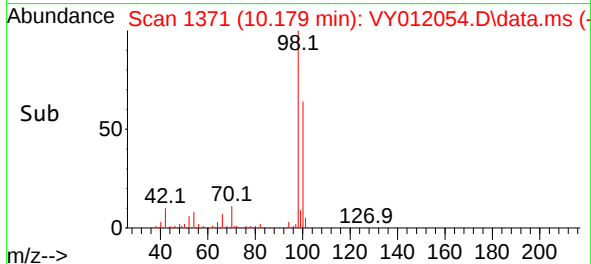
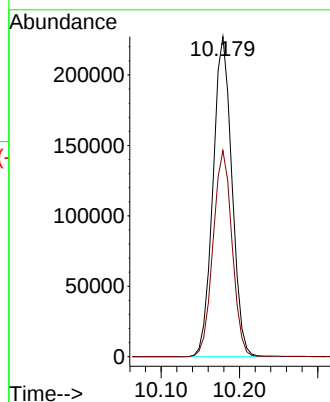
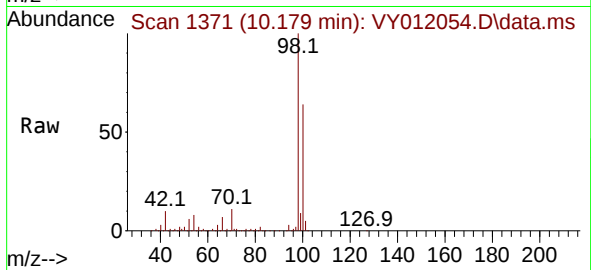




#50
Toluene-d8
Concen: 49.641 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012054.D
Acq: 03 Jan 2023 18:05

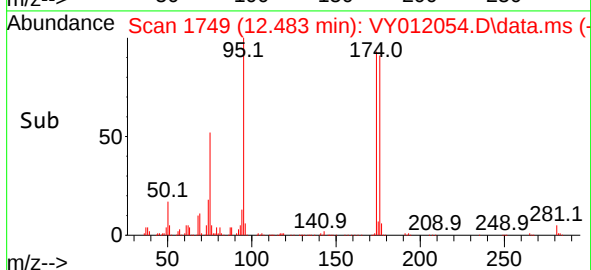
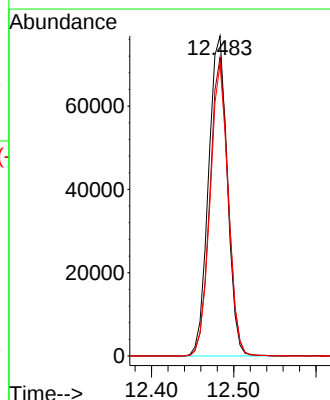
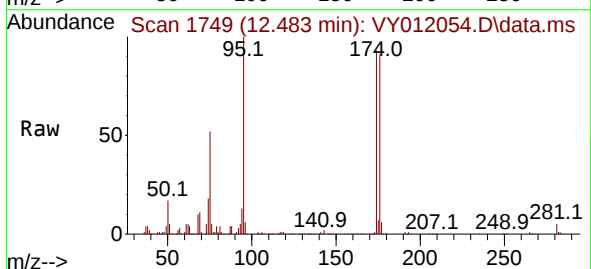
Instrument :
MSVOA_Y
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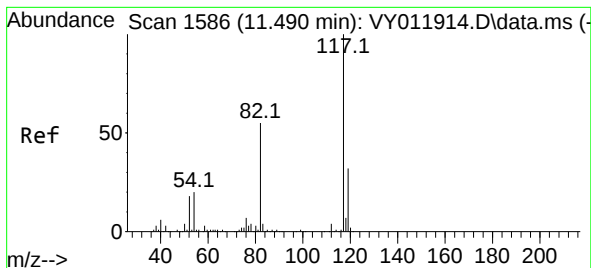
Tgt Ion: 98 Resp: 381726
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.058 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012054.D
Acq: 03 Jan 2023 18:05

Tgt Ion: 95 Resp: 121704
Ion Ratio Lower Upper
95 100
174 91.1 0.0 172.0
176 87.8 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: VY012054.D

Acq: 03 Jan 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

TP-C3

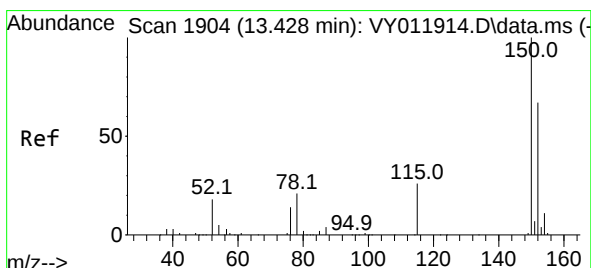
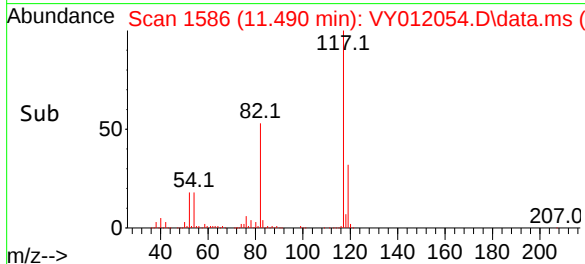
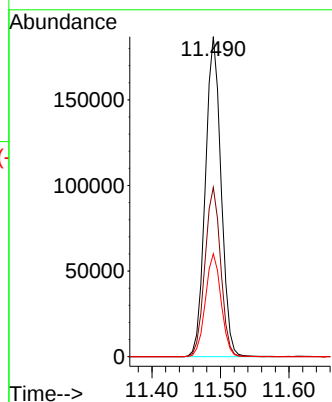
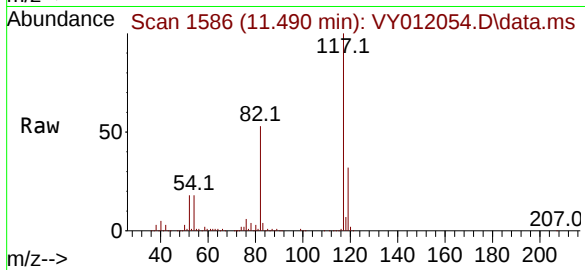
Tgt Ion:117 Resp: 298858

Ion Ratio Lower Upper

117 100

82 52.9 44.8 67.2

119 32.1 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: VY012054.D

Acq: 03 Jan 2023 18:05

Tgt Ion:152 Resp: 135029

Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.3

150 157.5 0.0 342.6

