

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010136.D
 Acq On : 20 Aug 2022 05:10
 Operator : KP/MD
 Sample : N4205-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-4

Quant Time: Aug 22 02:54:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	169235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92795	66.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.880%
35) Dibromofluoromethane	7.710	113	92550	50.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.179	98	338420	49.037	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.477	95	111260	45.122	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.240%

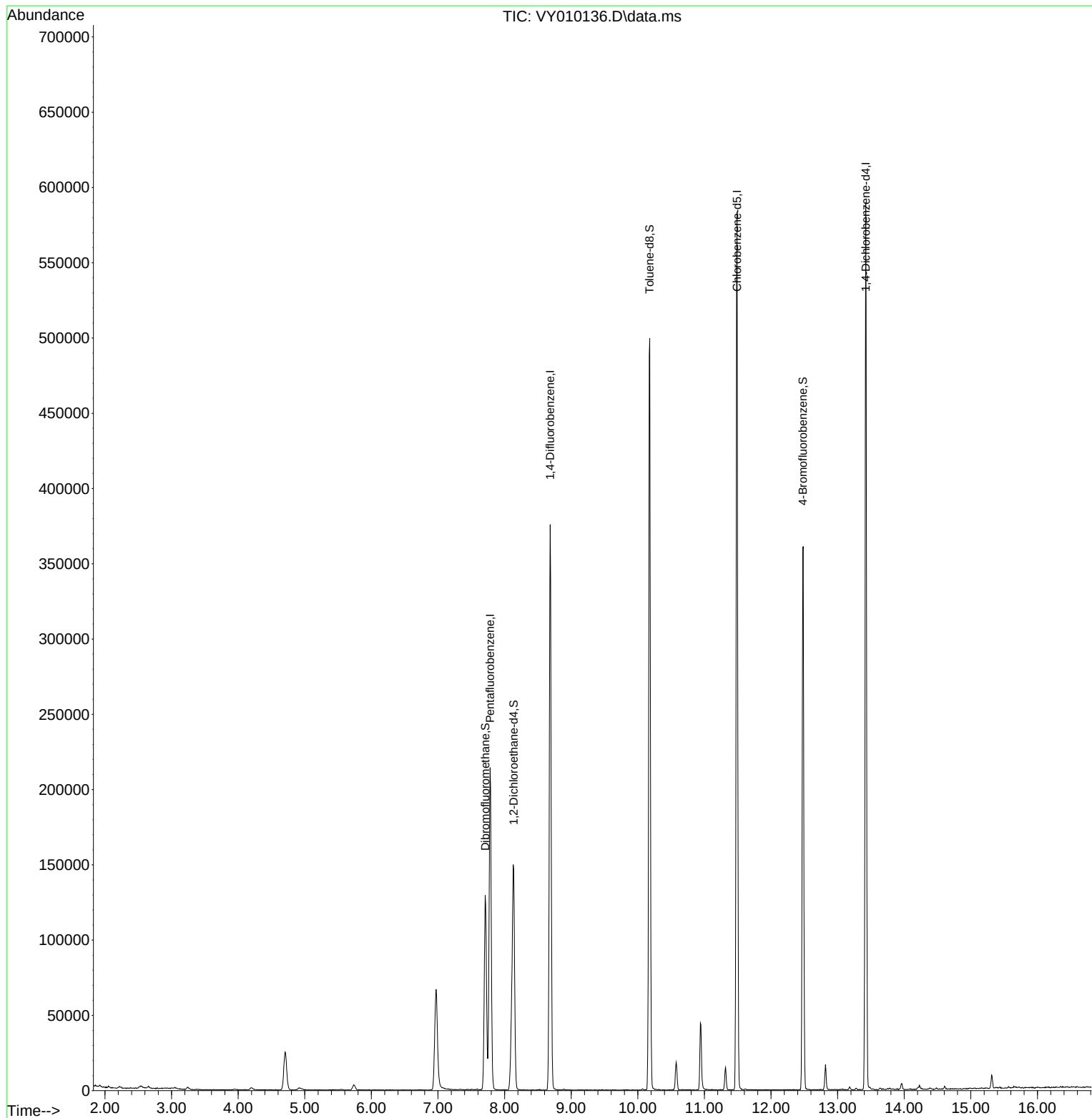
Target Compounds	Qvalue

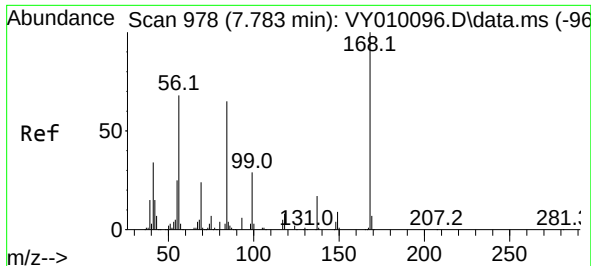
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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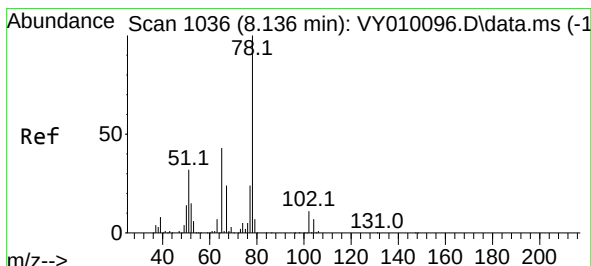
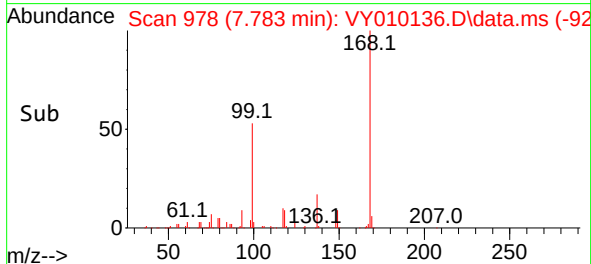
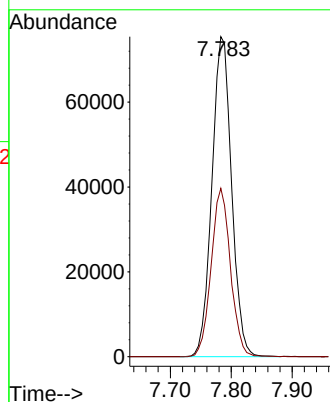
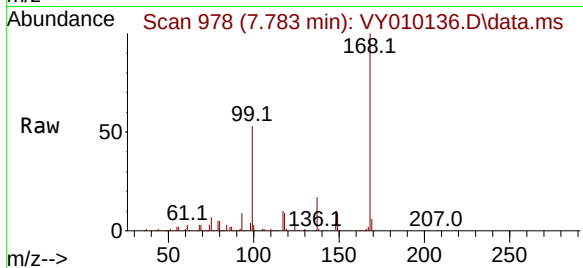




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

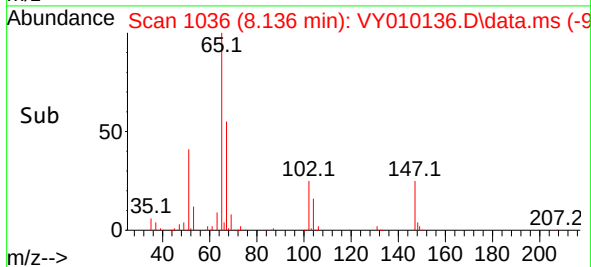
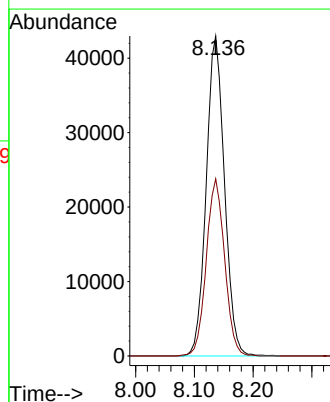
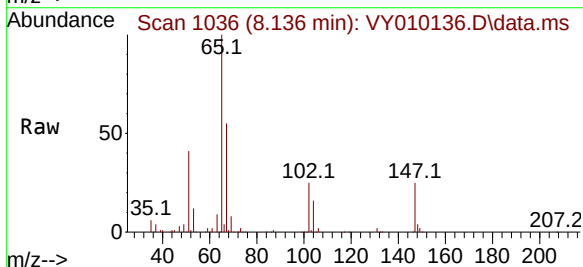
Instrument :
MSVOA_Y
ClientSampleId :
SS-4

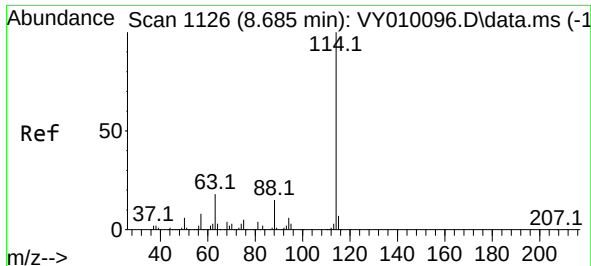
Tgt Ion:168 Resp: 169235
Ion Ratio Lower Upper
168 100
99 52.6 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 66.942 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Tgt Ion: 65 Resp: 92795
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.6

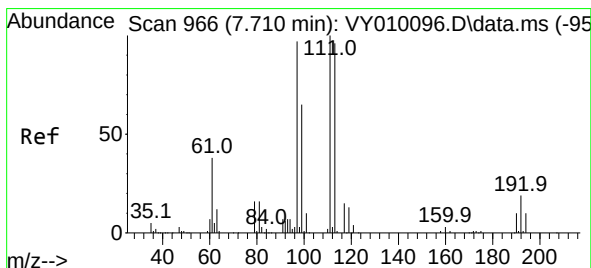
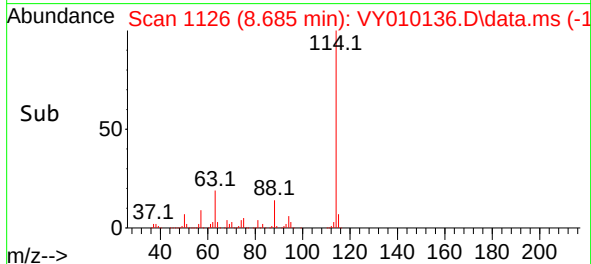
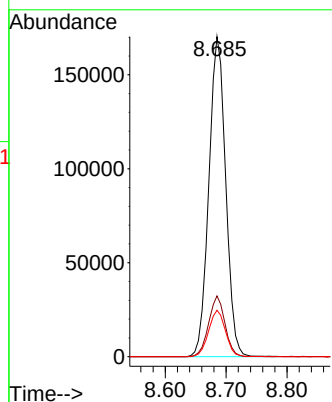
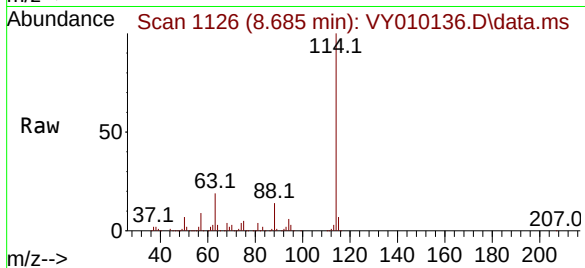




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

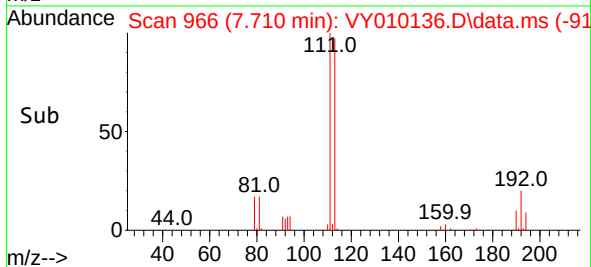
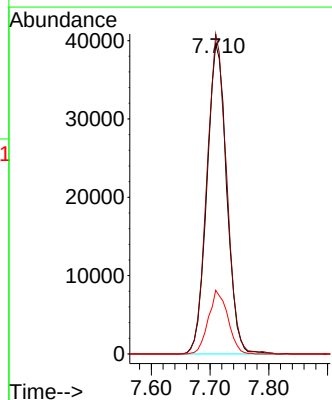
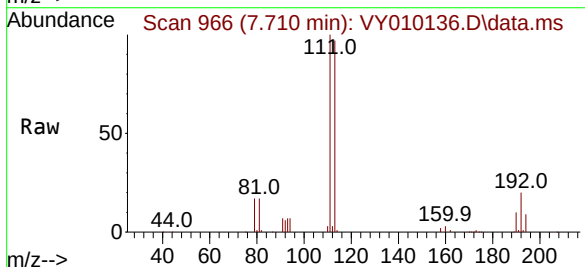
Instrument :
MSVOA_Y
ClientSampleId :
SS-4

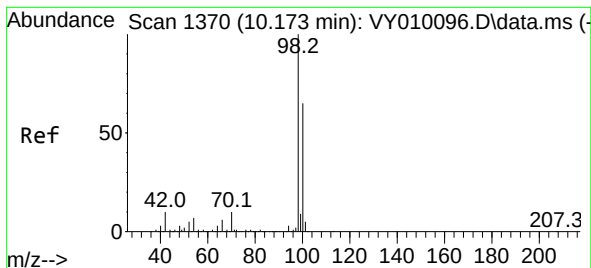
Tgt Ion:114 Resp: 326856
Ion Ratio Lower Upper
114 100
63 19.0 0.0 35.6
88 14.5 0.0 29.6



#35
Dibromofluoromethane
Concen: 50.250 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010136.D
Acq: 20 Aug 2022 05:10

Tgt Ion:113 Resp: 92550
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 20.2 16.3 24.5





#50

Toluene-d8

Concen: 49.037 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VY010136.D

Acq: 20 Aug 2022 05:10

Instrument :

MSVOA_Y

ClientSampleId :

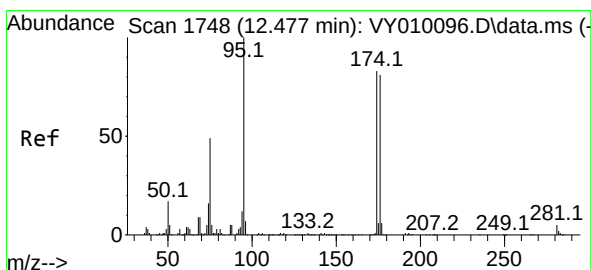
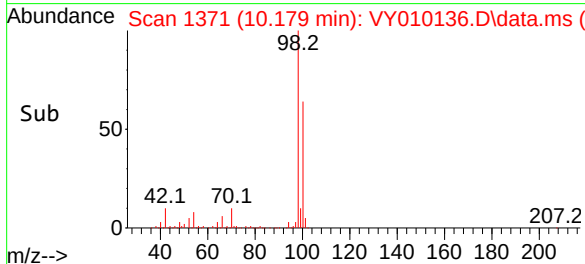
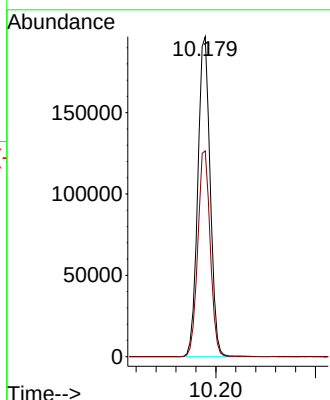
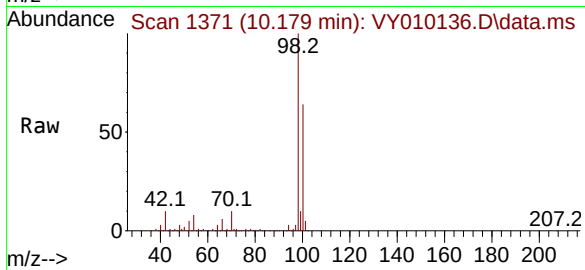
SS-4

Tgt Ion: 98 Resp: 338420

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.122 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010136.D

Acq: 20 Aug 2022 05:10

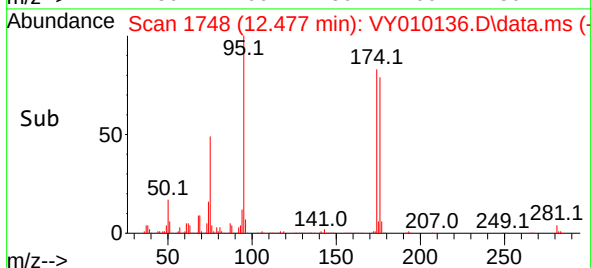
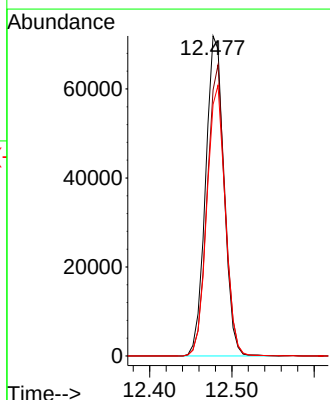
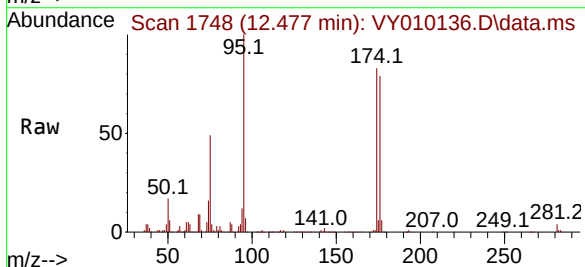
Tgt Ion: 95 Resp: 111260

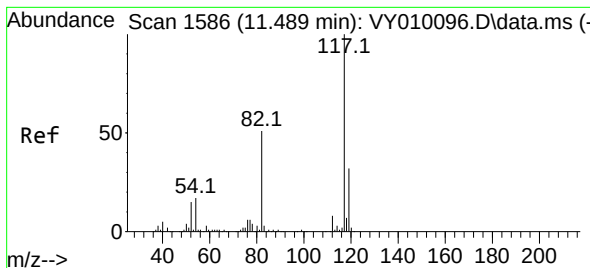
Ion Ratio Lower Upper

95 100

174 88.8 0.0 173.8

176 84.6 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010136.D

Acq: 20 Aug 2022 05:10

Instrument :

MSVOA_Y

ClientSampleId :

SS-4

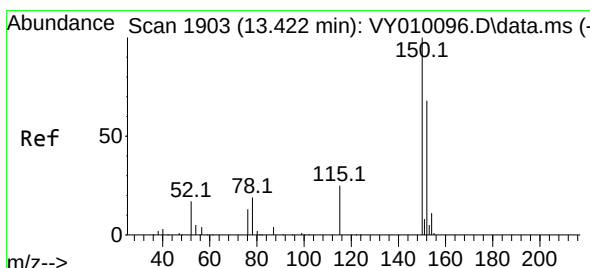
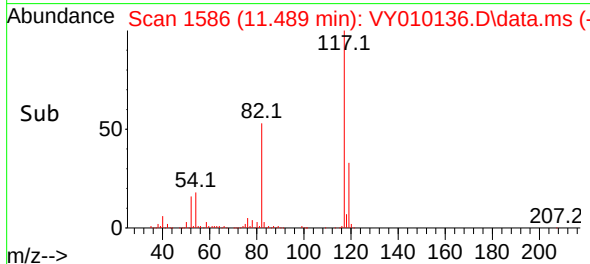
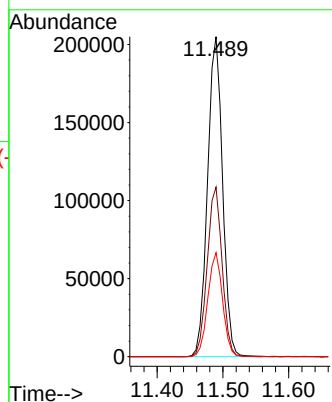
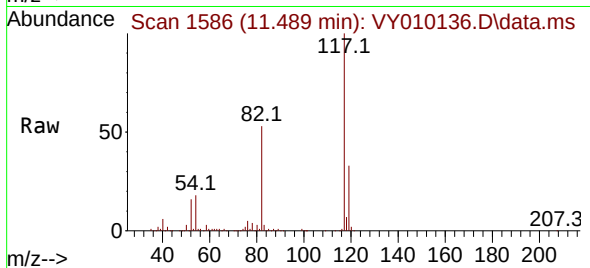
Tgt Ion:117 Resp: 326054

Ion Ratio Lower Upper

117 100

82 53.0 40.6 61.0

119 32.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010136.D

Acq: 20 Aug 2022 05:10

Tgt Ion:152 Resp: 153226

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.2

150 155.6 0.0 346.2

