

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010137.D
 Acq On : 20 Aug 2022 05:33
 Operator : KP/MD
 Sample : N4205-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-5

Quant Time: Aug 22 02:54:28 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	164994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	318149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92495	68.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.880%
35) Dibromofluoromethane	7.710	113	89227	49.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.960%
50) Toluene-d8	10.179	98	327864	48.526	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.477	95	108639	45.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.000%

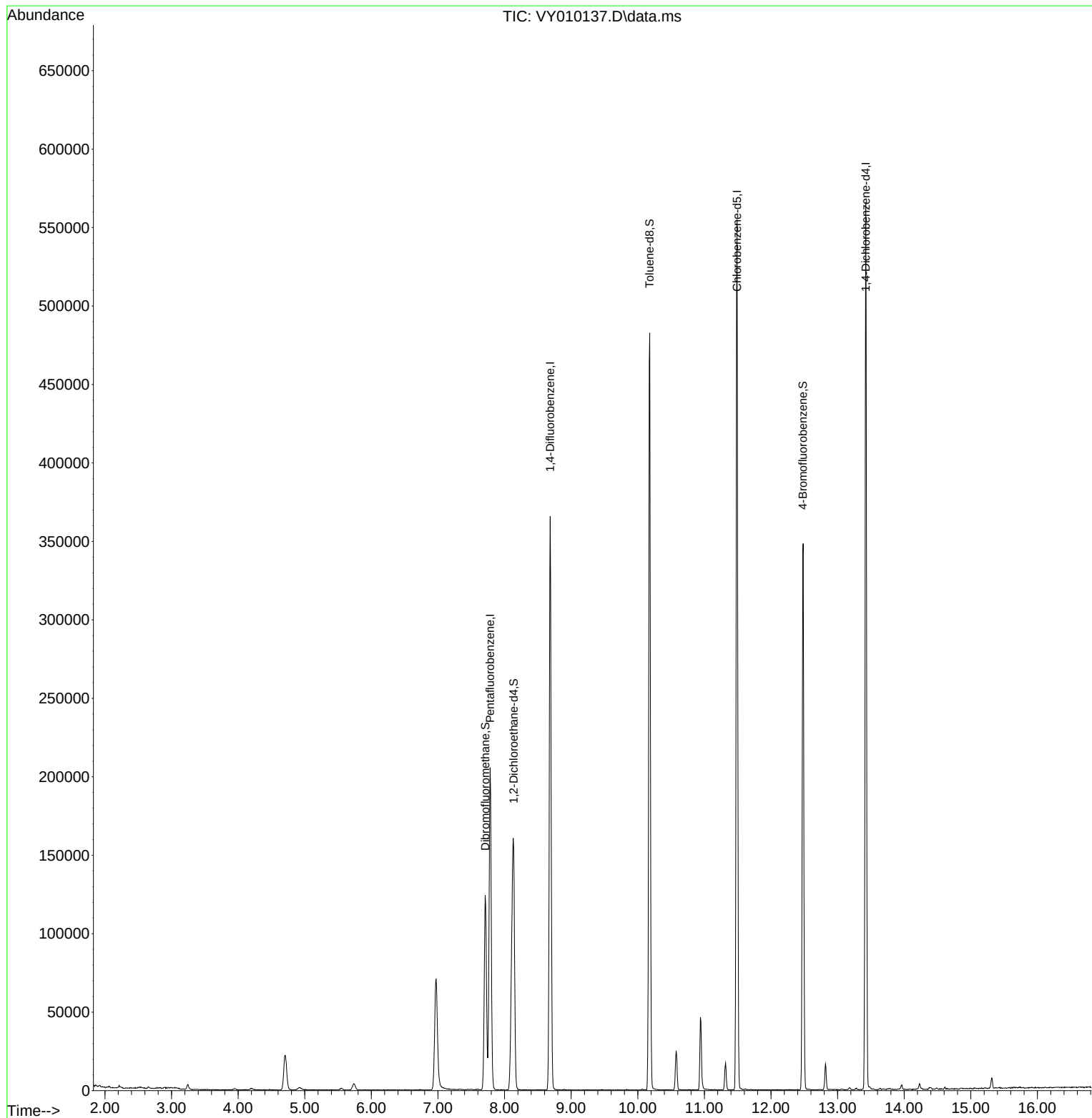
Target Compounds	Qvalue

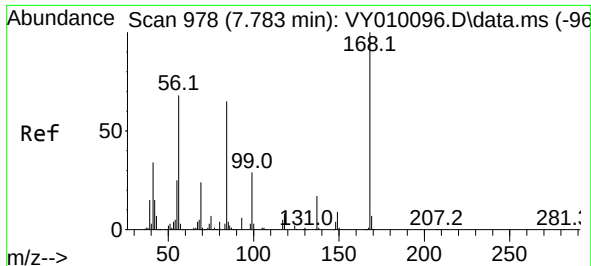
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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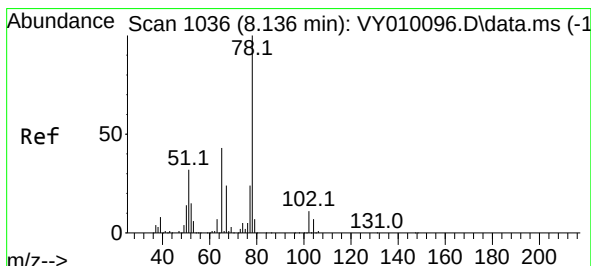
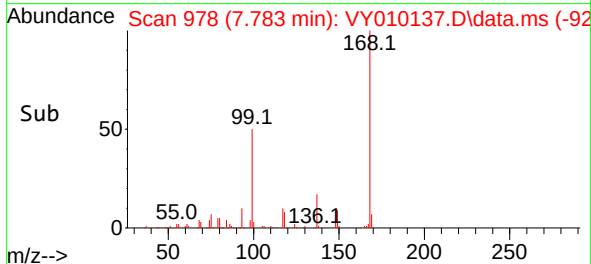
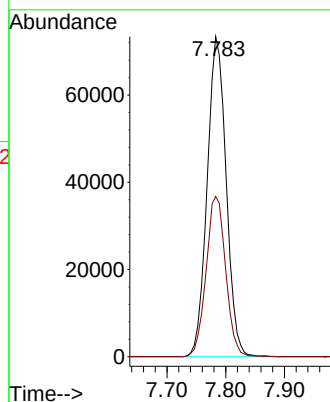
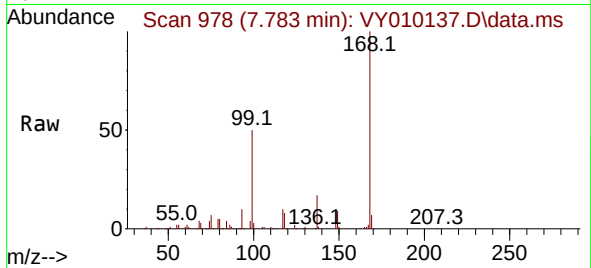




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

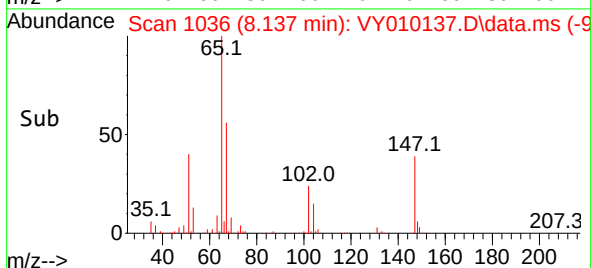
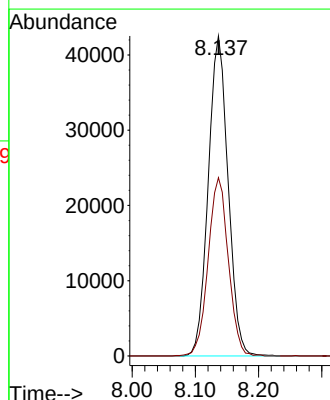
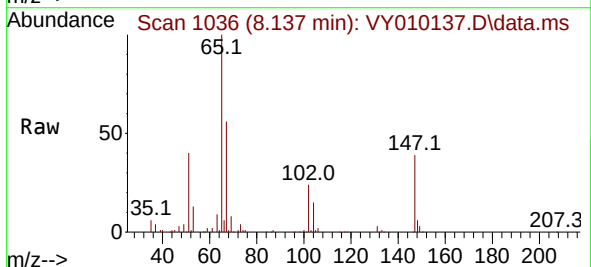
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

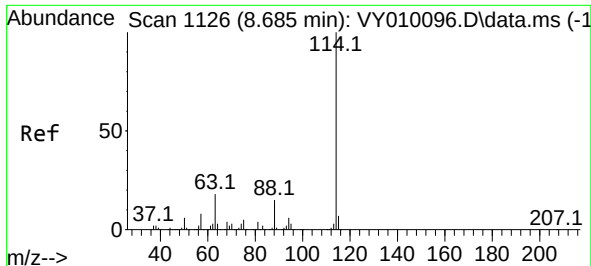
Tgt Ion:168 Resp: 164994
Ion Ratio Lower Upper
168 100
99 50.0 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 68.441 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

Tgt Ion: 65 Resp: 92495
Ion Ratio Lower Upper
65 100
67 56.8 0.0 110.6

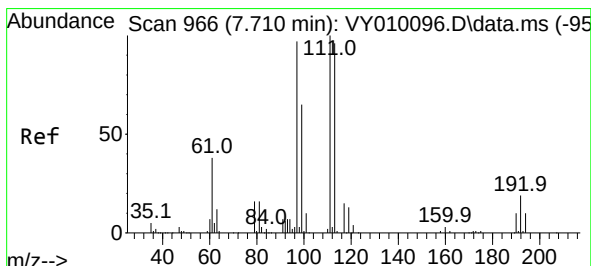
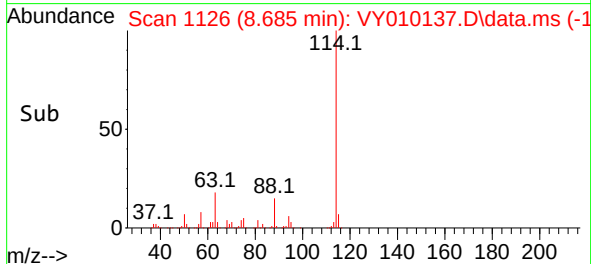
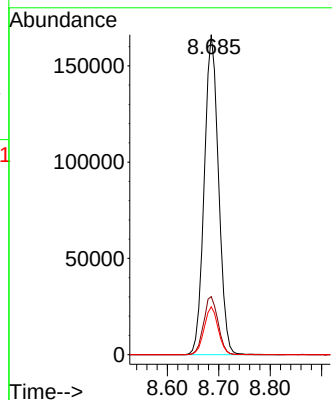
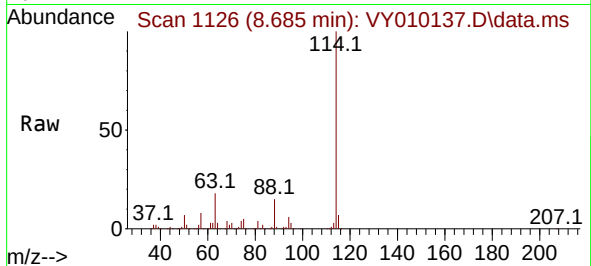




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

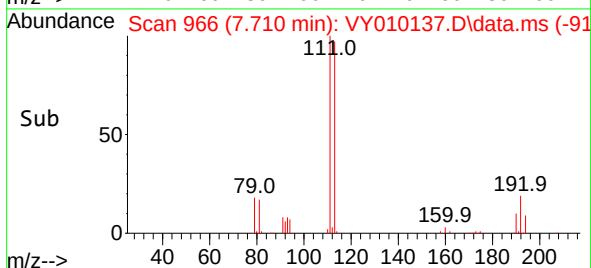
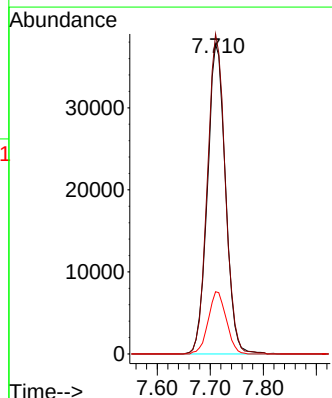
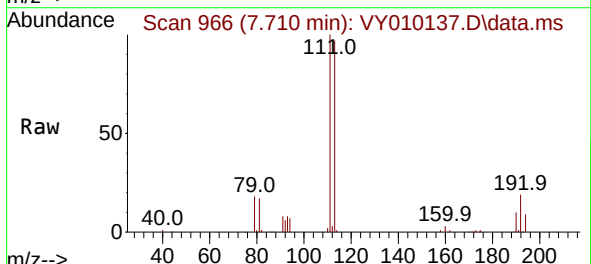
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

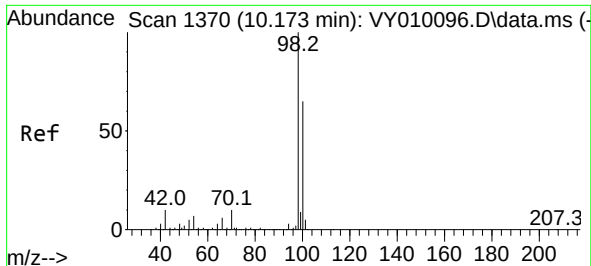
Tgt Ion:114 Resp: 319997
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.6
88 14.9 0.0 29.6



#35
Dibromofluoromethane
Concen: 49.485 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

Tgt Ion:113 Resp: 89227
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 20.1 16.3 24.5

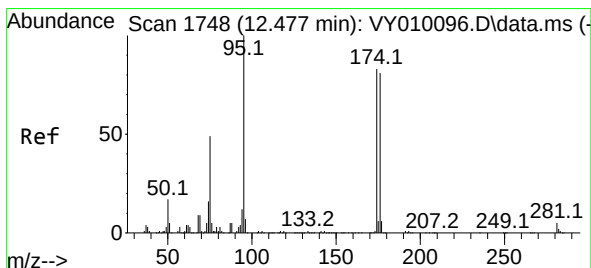
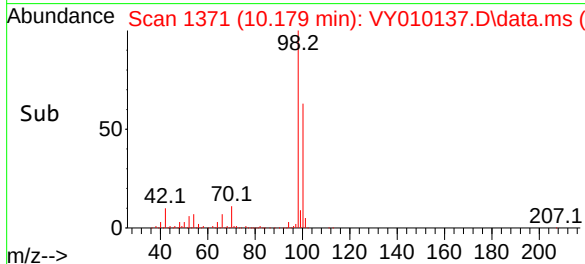
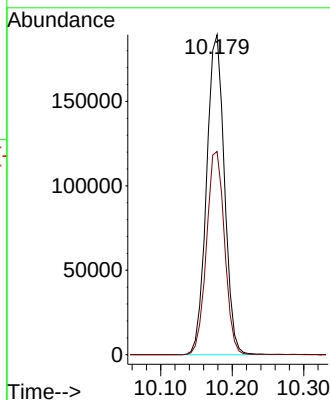
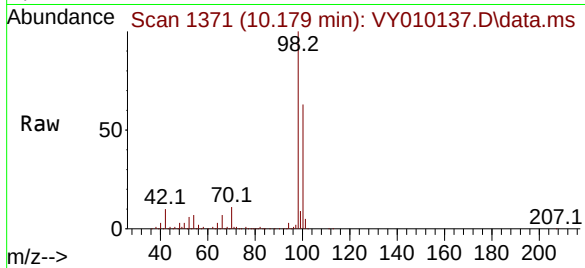




#50
Toluene-d8
Concen: 48.526 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

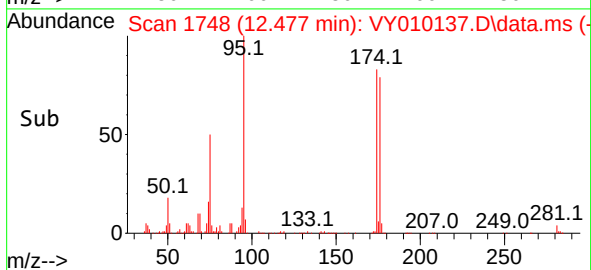
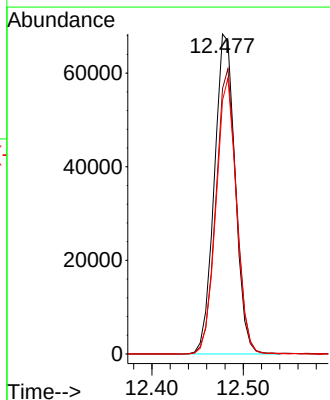
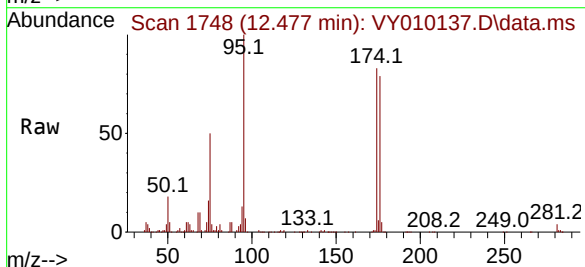
Instrument :
MSVOA_Y
ClientSampleId :
SS-5

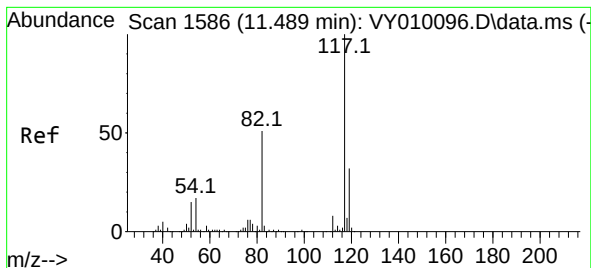
Tgt Ion: 98 Resp: 327864
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.003 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010137.D
Acq: 20 Aug 2022 05:33

Tgt Ion: 95 Resp: 108639
Ion Ratio Lower Upper
95 100
174 87.7 0.0 173.8
176 84.3 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010137.D

Acq: 20 Aug 2022 05:33

Instrument :

MSVOA_Y

ClientSampleId :

SS-5

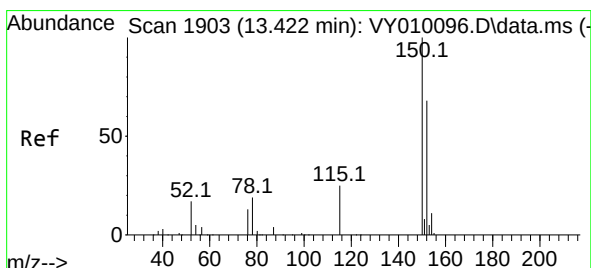
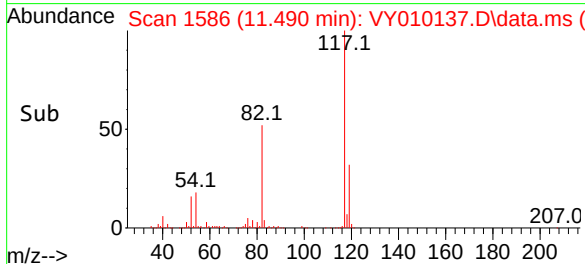
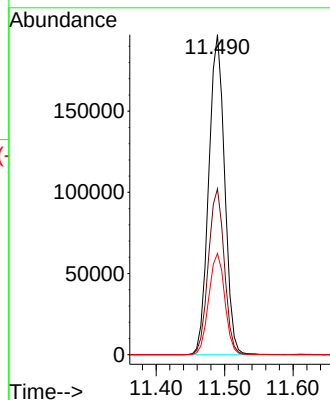
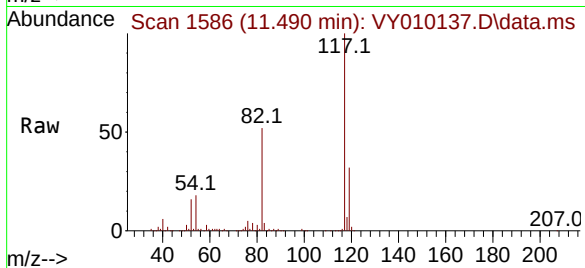
Tgt Ion:117 Resp: 318149

Ion Ratio Lower Upper

117 100

82 51.9 40.6 61.0

119 31.7 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: VY010137.D

Acq: 20 Aug 2022 05:33

Tgt Ion:152 Resp: 148494

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 157.6 0.0 346.2

