

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011483.D
 Acq On : 16 Nov 2022 18:59
 Operator : KP/MD
 Sample : N5641-13
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-13

Quant Time: Nov 17 03:17:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	251667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	461082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	436089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191445	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	142892	67.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.520%
35) Dibromofluoromethane	7.716	113	143687	55.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.220%
50) Toluene-d8	10.179	98	541004	54.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.600%
62) 4-Bromofluorobenzene	12.483	95	174805	50.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.540%

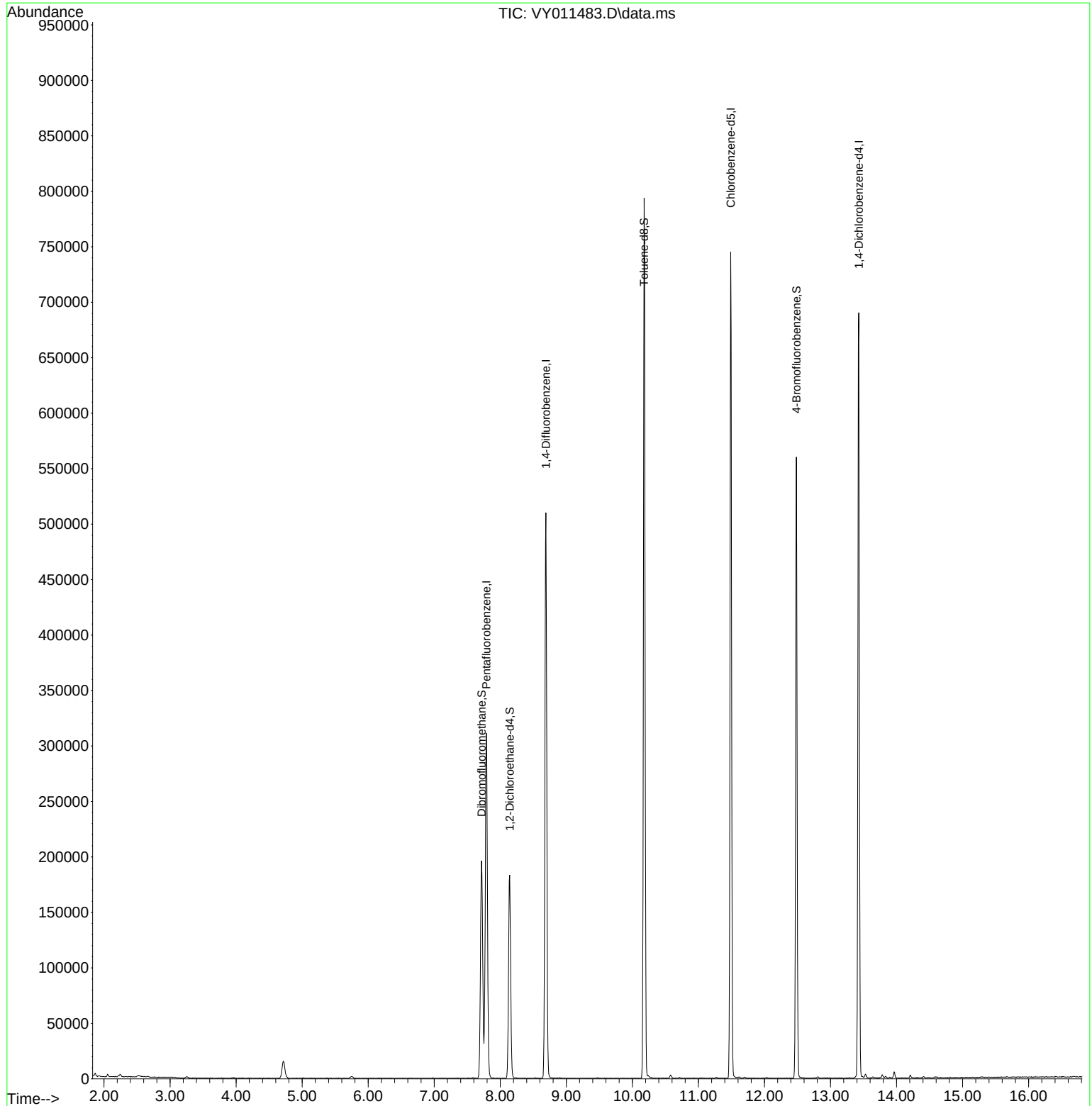
Target Compounds	Qvalue

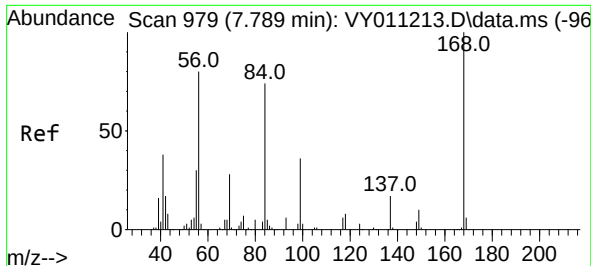
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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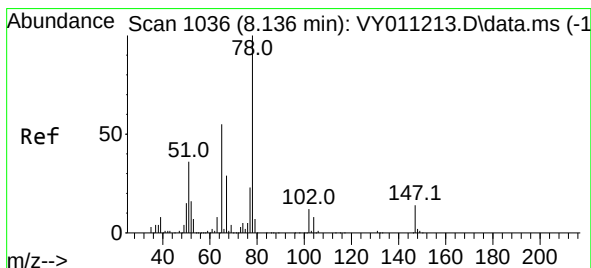
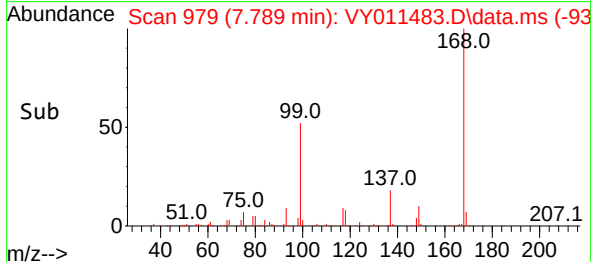
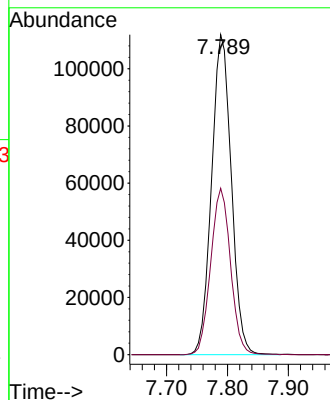
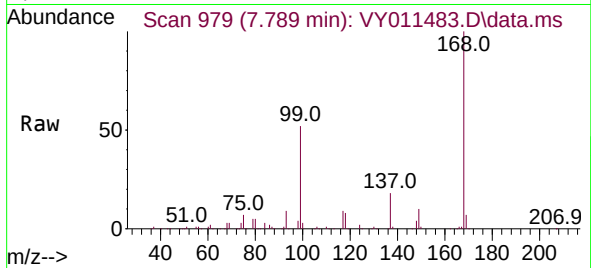




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

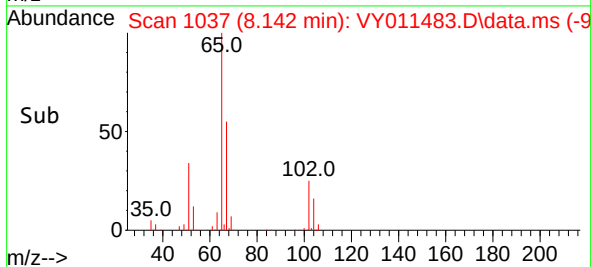
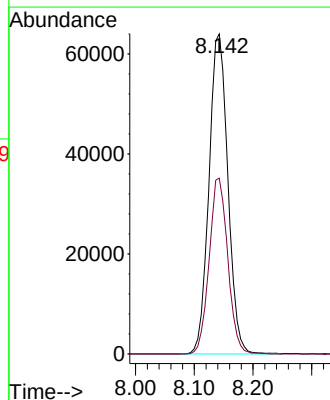
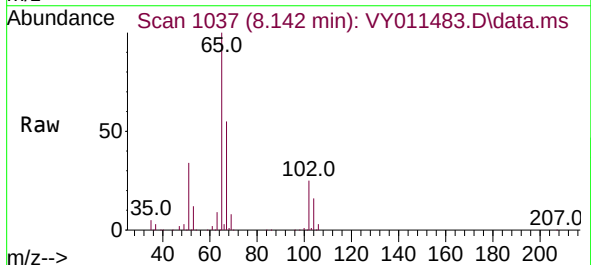
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-13

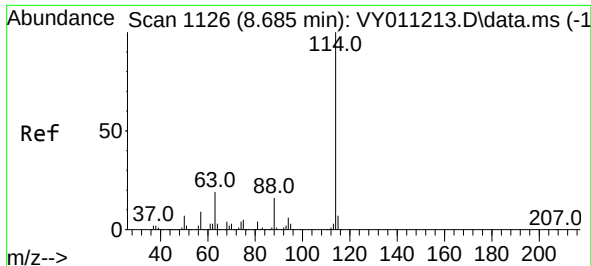
Tgt Ion:168 Resp: 251667
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.757 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Tgt Ion: 65 Resp: 142892
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011483.D

Acq: 16 Nov 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-13

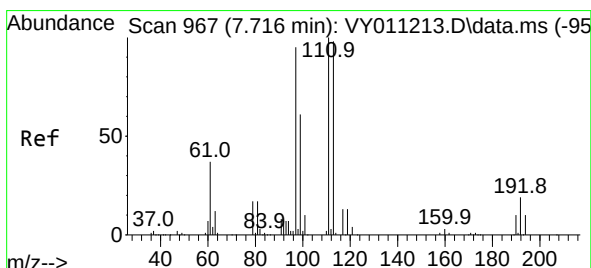
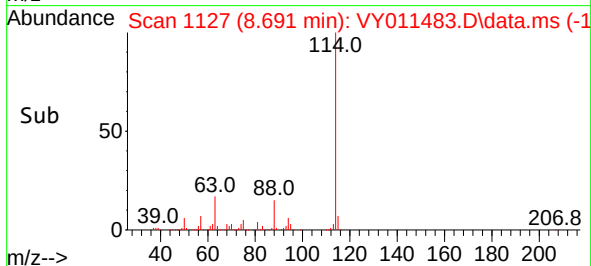
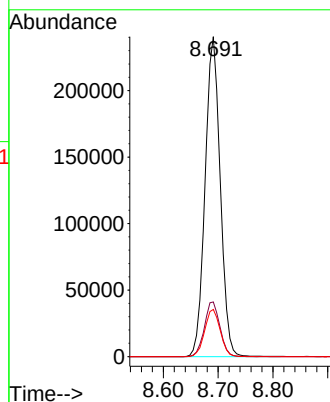
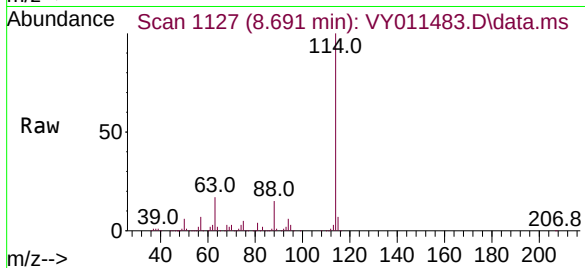
Tgt Ion:114 Resp: 461082

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.606 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011483.D

Acq: 16 Nov 2022 18:59

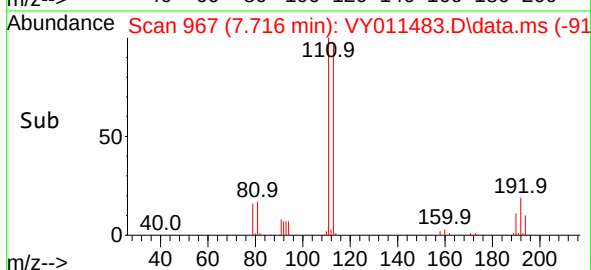
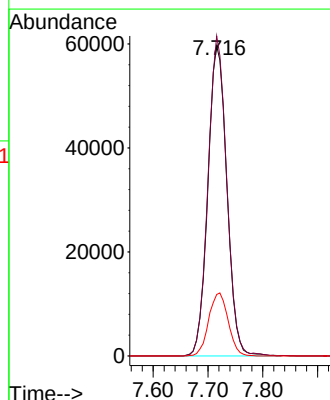
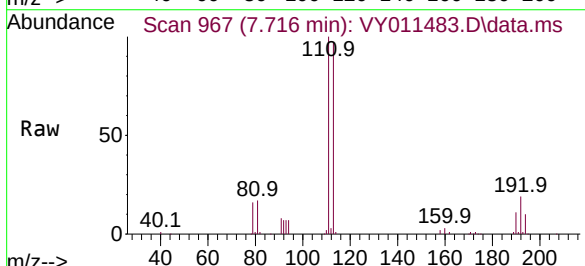
Tgt Ion:113 Resp: 143687

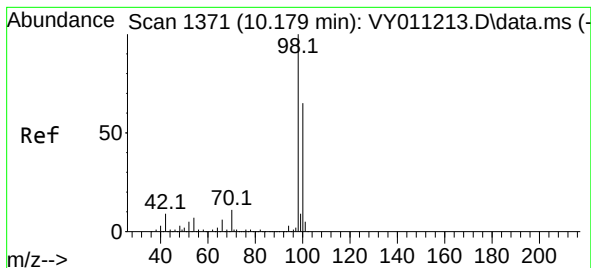
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 20.8 17.6 26.4

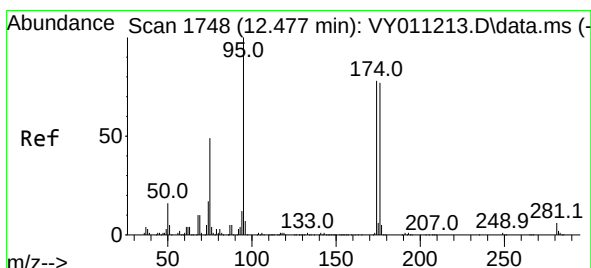
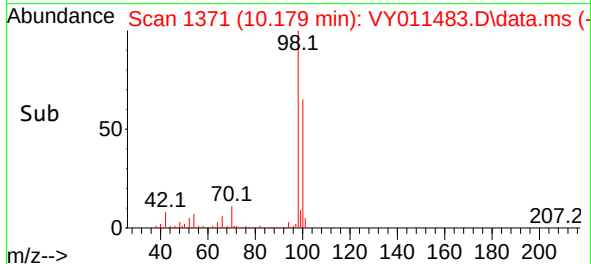
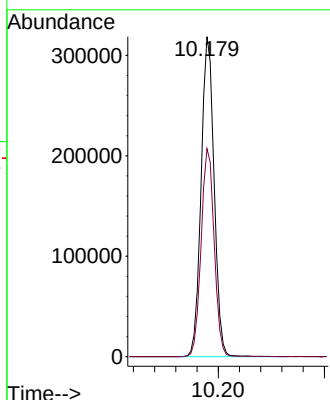
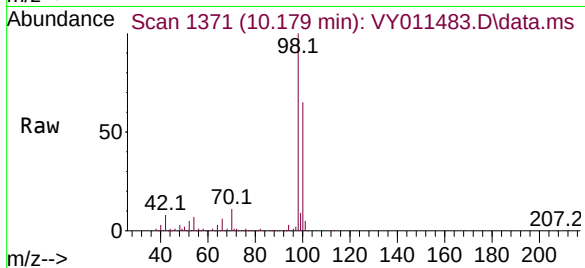




#50
Toluene-d8
Concen: 54.804 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

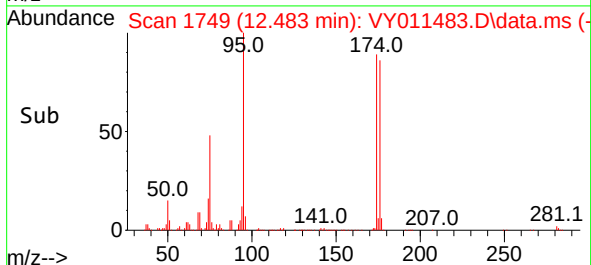
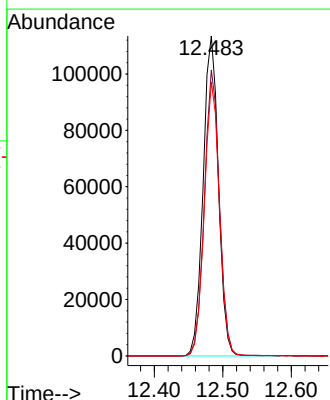
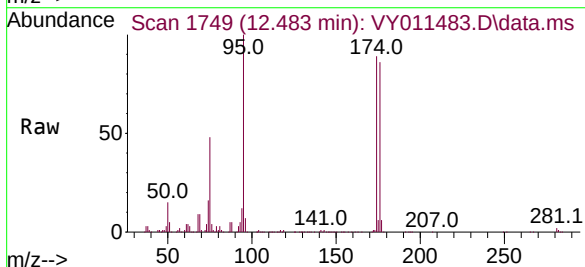
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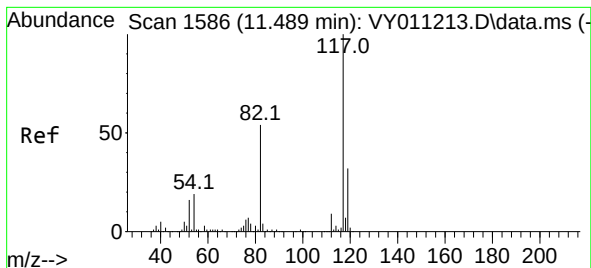
Tgt Ion: 98 Resp: 541004
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Tgt Ion: 95 Resp: 174805
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 84.6 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: VY011483.D

Acq: 16 Nov 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-13

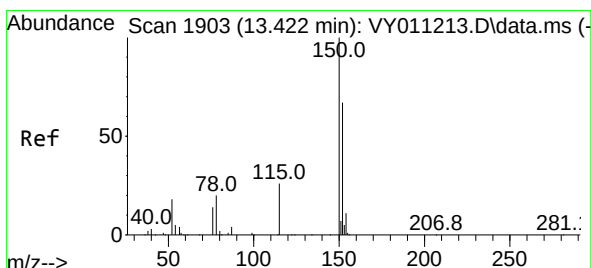
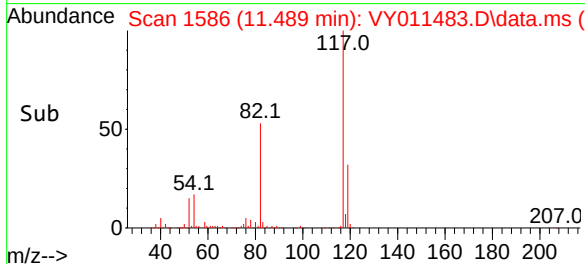
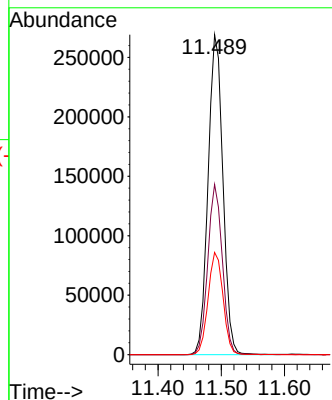
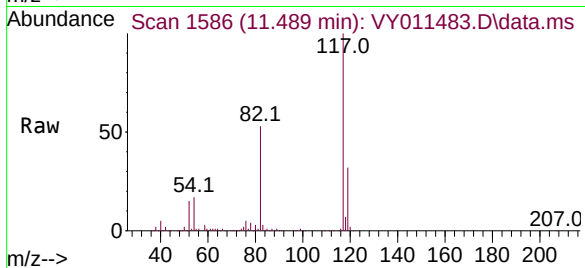
Tgt Ion:117 Resp: 436089

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011483.D

Acq: 16 Nov 2022 18:59

Tgt Ion:152 Resp: 191445

Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 157.1 0.0 347.6

