

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011471.D
 Acq On : 16 Nov 2022 14:23
 Operator : KP/MD
 Sample : N5641-01
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-1

Quant Time: Nov 17 03:16:11 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	336833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	558687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	493060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	223548	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	174674	61.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.780%
35) Dibromofluoromethane	7.716	113	188587	60.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.460%
50) Toluene-d8	10.179	98	687931	57.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.020%
62) 4-Bromofluorobenzene	12.483	95	225902	54.147	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.300%

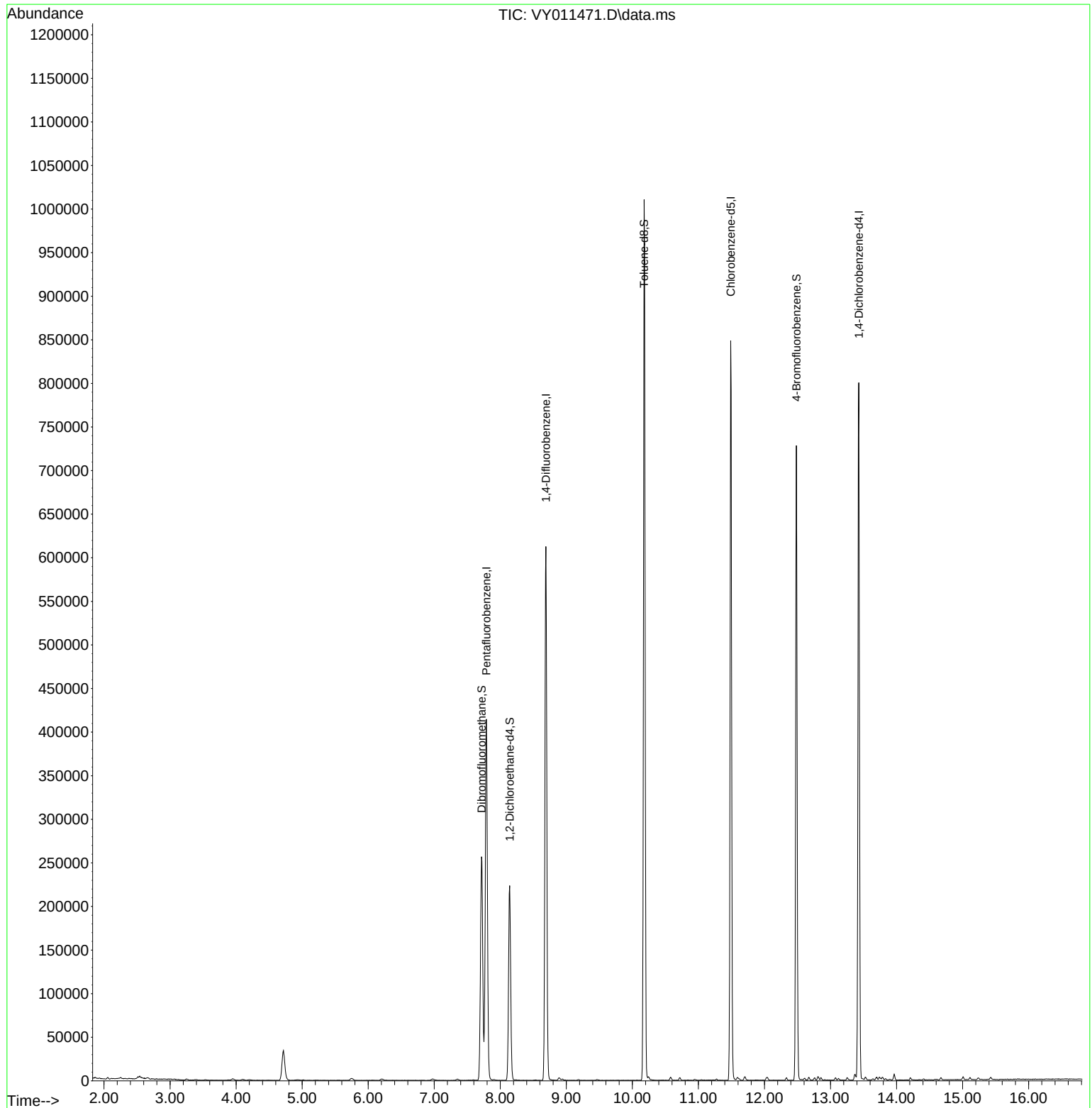
Target Compounds	Qvalue

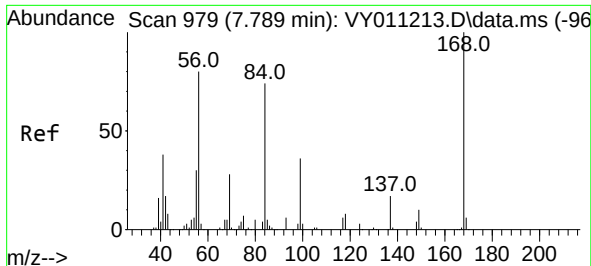
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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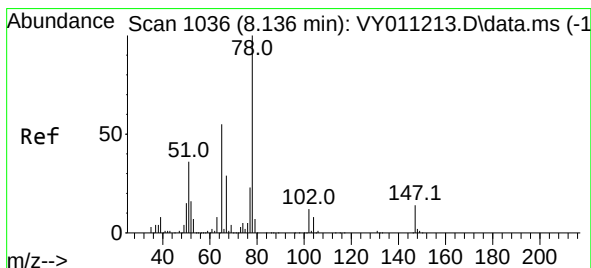
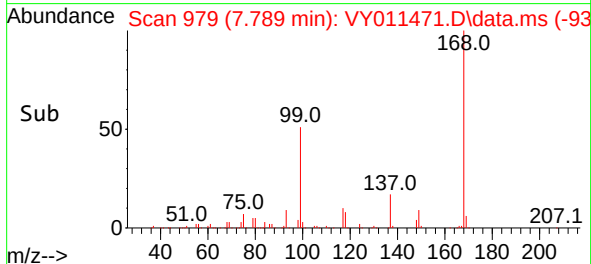
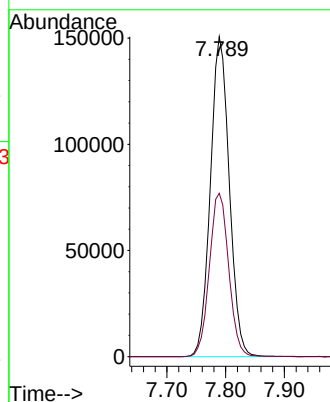
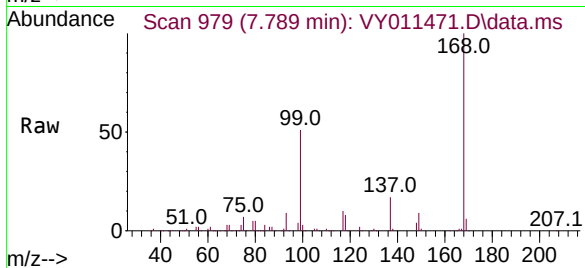




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

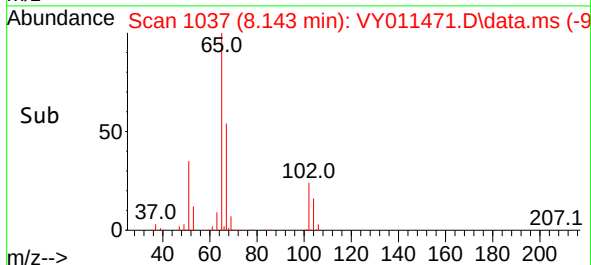
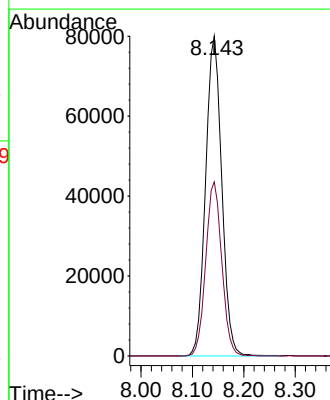
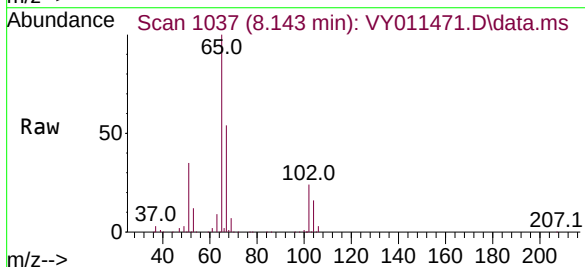
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-1

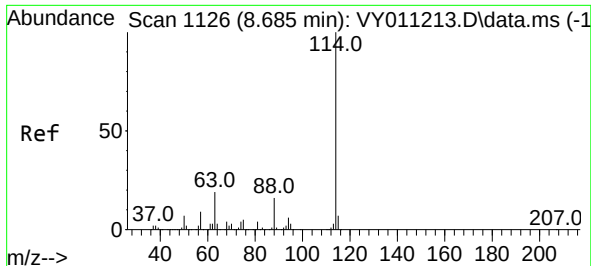
Tgt Ion:168 Resp: 336833
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.885 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

Tgt Ion: 65 Resp: 174674
Ion Ratio Lower Upper
65 100
67 54.0 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: VY011471.D

Acq: 16 Nov 2022 14:23

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-1

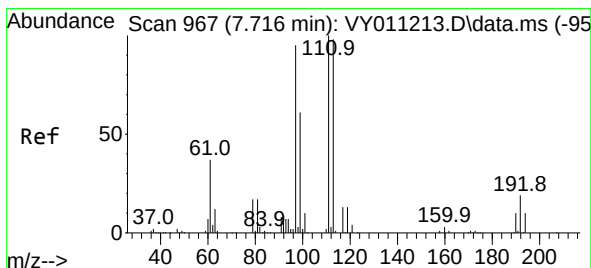
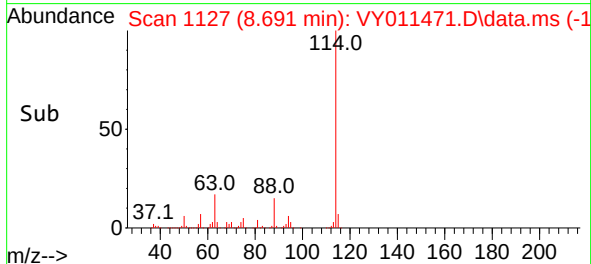
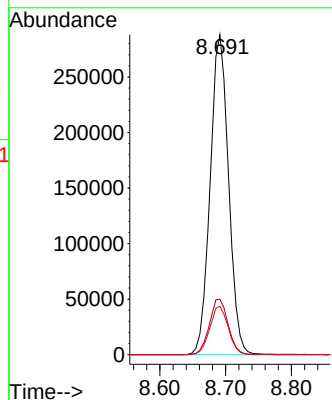
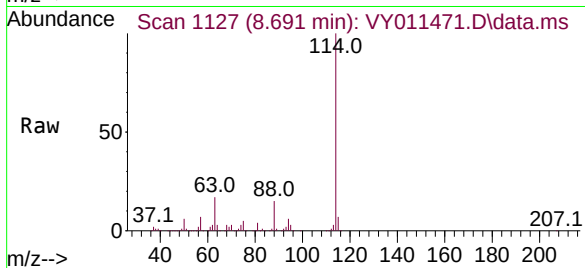
Tgt Ion:114 Resp: 558687

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.232 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011471.D

Acq: 16 Nov 2022 14:23

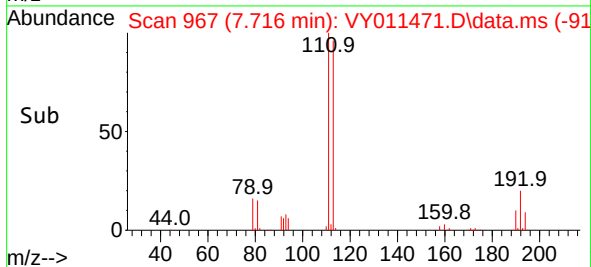
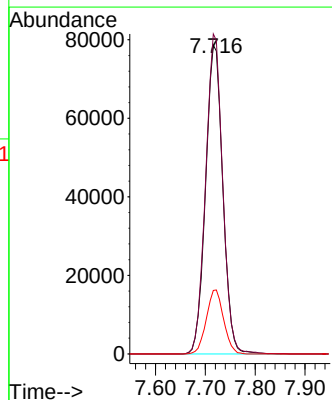
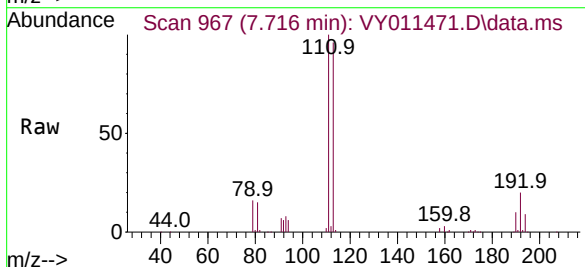
Tgt Ion:113 Resp: 188587

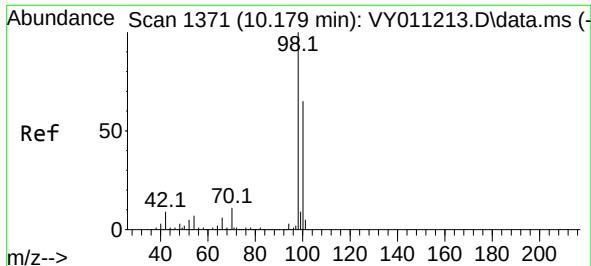
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.8 17.6 26.4

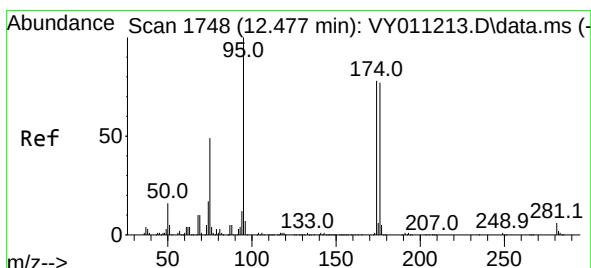
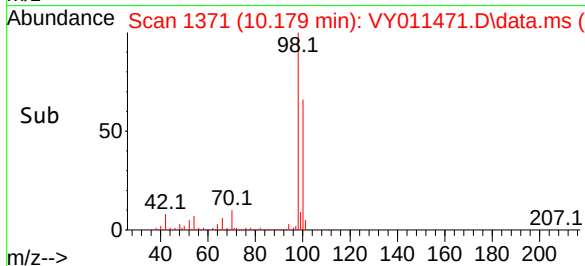
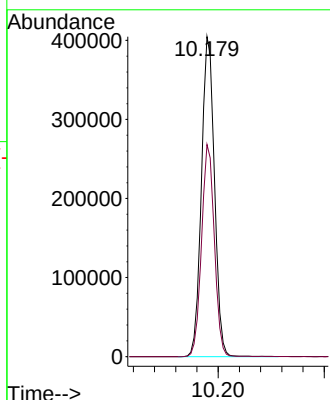
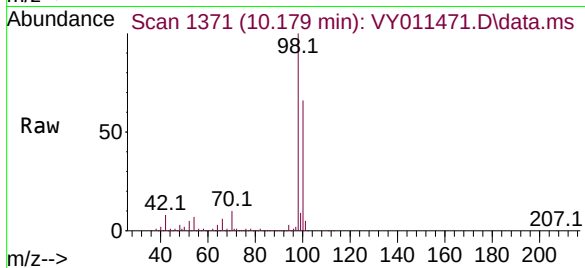




#50
Toluene-d8
Concen: 57.513 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

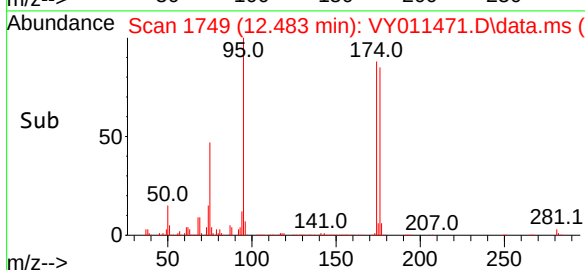
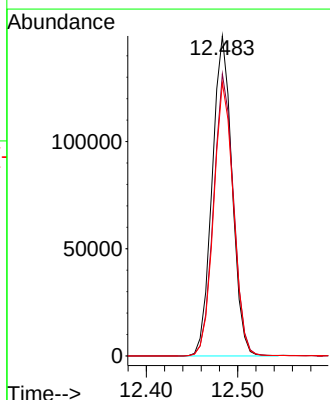
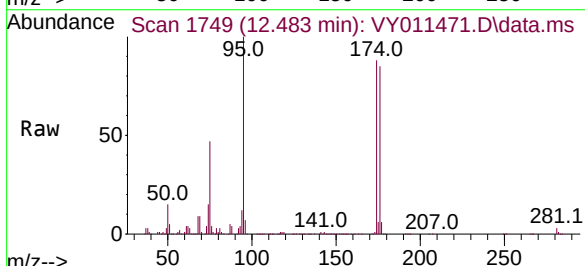
Instrument :
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SOIL-PILE-1

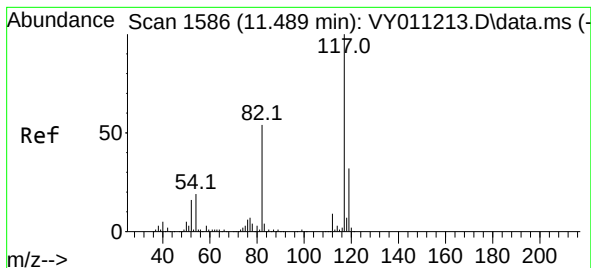
Tgt Ion: 98 Resp: 687931
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.147 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

Tgt Ion: 95 Resp: 225902
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 85.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011471.D

Acq: 16 Nov 2022 14:23

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-1

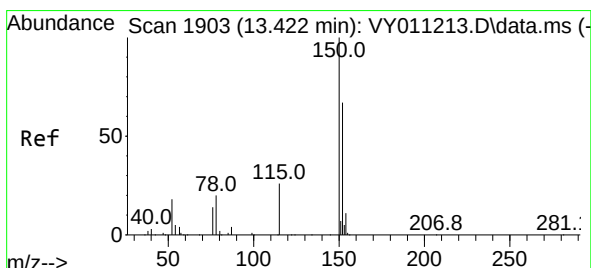
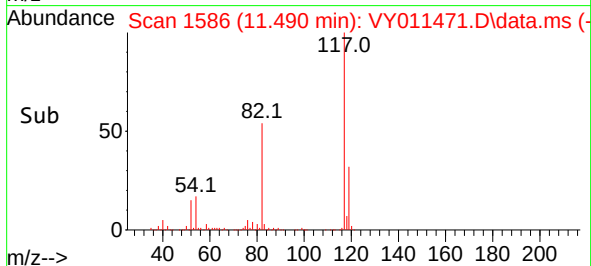
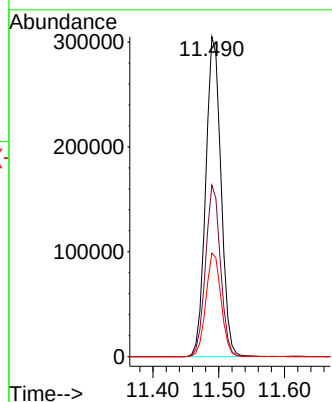
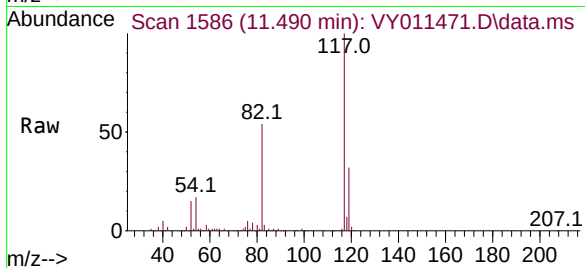
Tgt Ion:117 Resp: 493060

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 32.3 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: VY011471.D

Acq: 16 Nov 2022 14:23

Tgt Ion:152 Resp: 223548

Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 157.2 0.0 347.6

