

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017846.D
 Acq On : 04 Apr 2024 12:01
 Operator : SY/MD
 Sample : P1974-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1

Quant Time: Apr 05 00:45:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	66777	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	106142	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	88333	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	31093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	27929	48.333	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.660%
35) Dibromofluoromethane	7.734	113	33026	53.847	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.700%
50) Toluene-d8	10.191	98	124070	54.154	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.300%
62) 4-Bromofluorobenzene	12.496	95	30779	44.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.320%

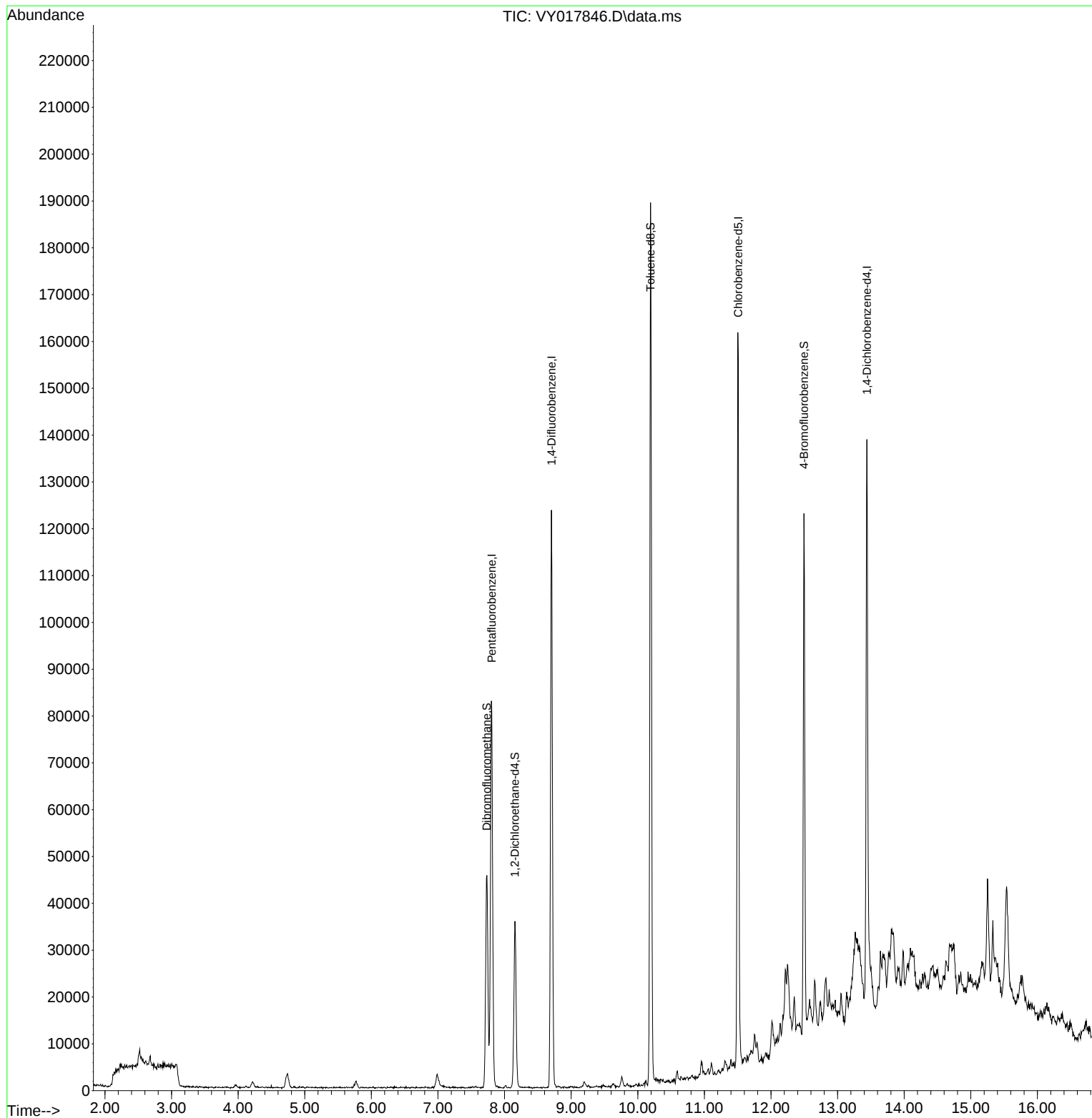
Target Compounds	Qvalue

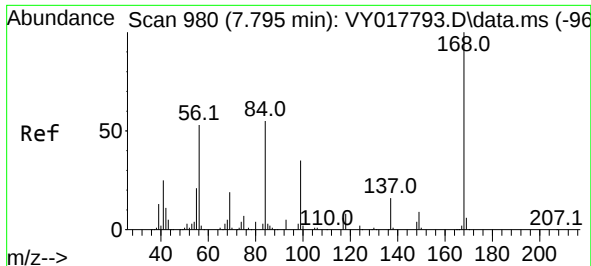
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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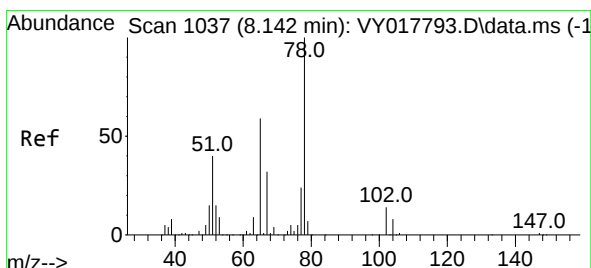
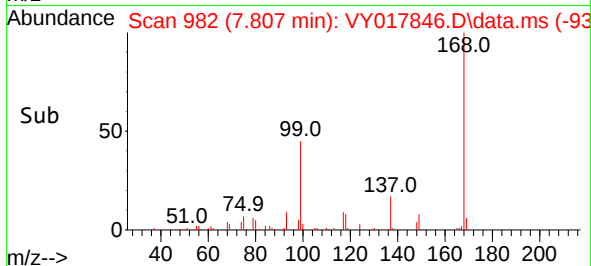
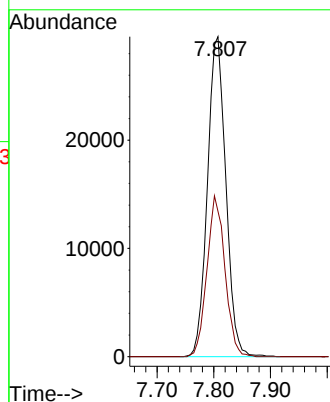
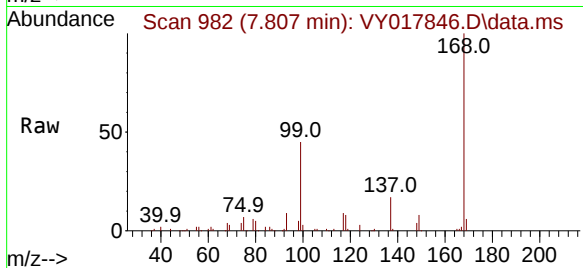




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

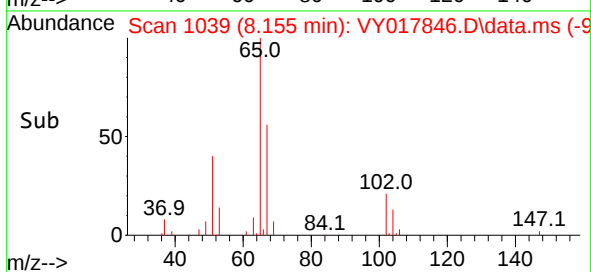
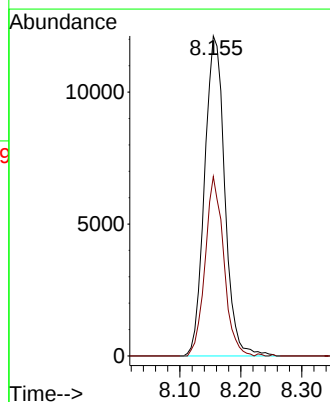
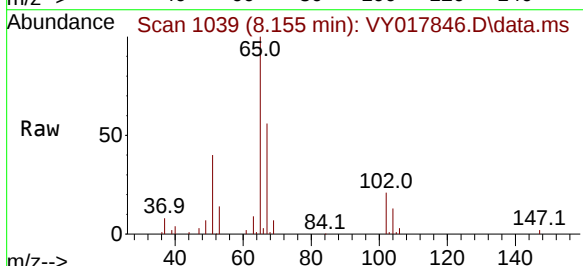
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

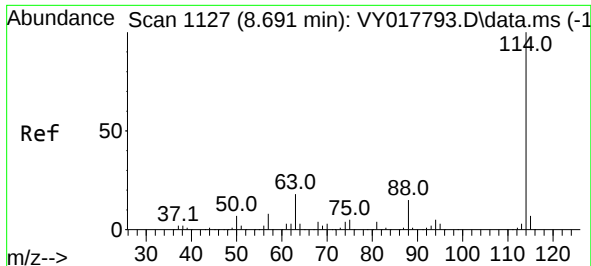
Tgt Ion:168 Resp: 66777
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.333 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

Tgt Ion: 65 Resp: 27929
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017846.D

Acq: 04 Apr 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1

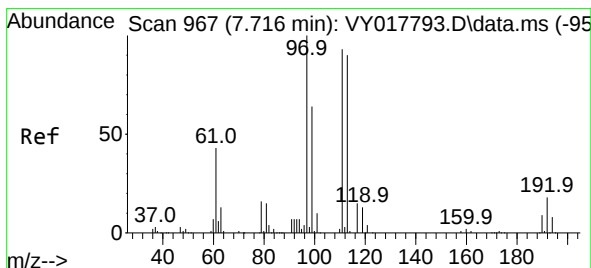
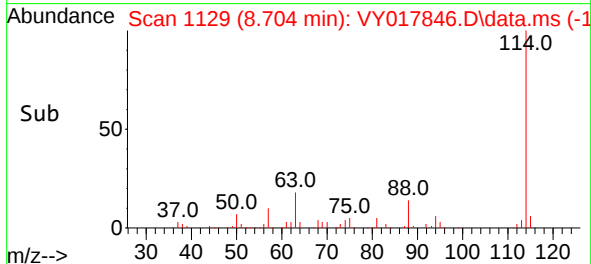
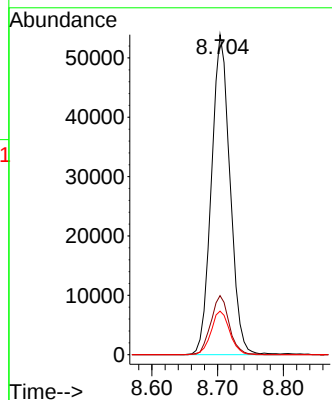
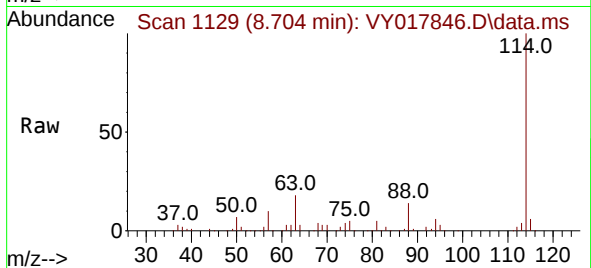
Tgt Ion:114 Resp: 106142

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.847 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017846.D

Acq: 04 Apr 2024 12:01

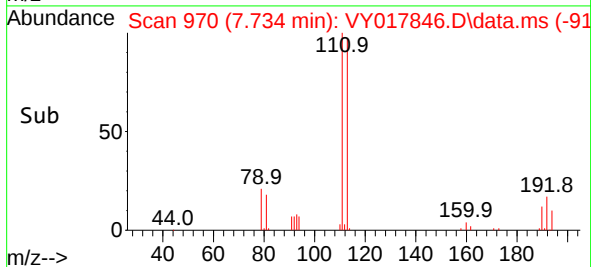
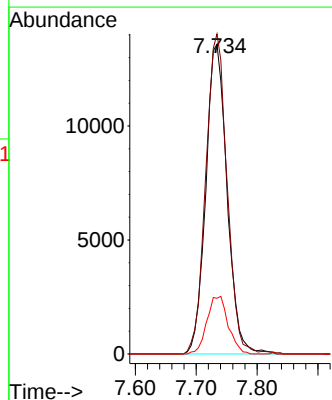
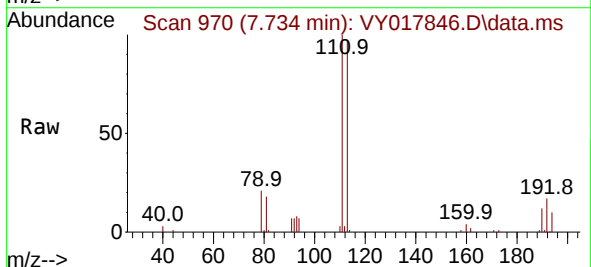
Tgt Ion:113 Resp: 33026

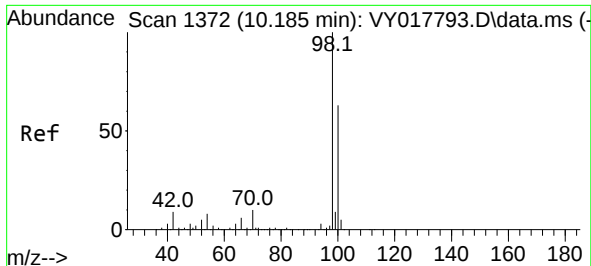
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 18.6 15.9 23.9

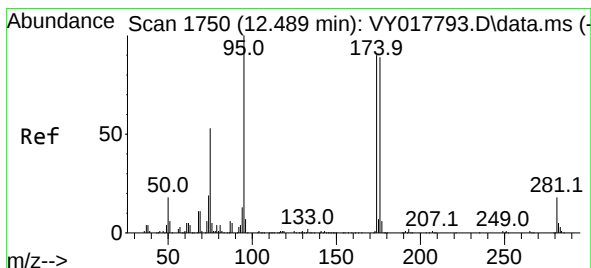
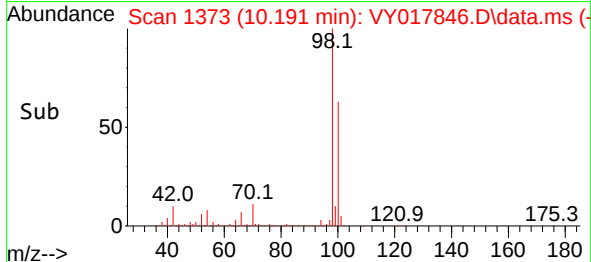
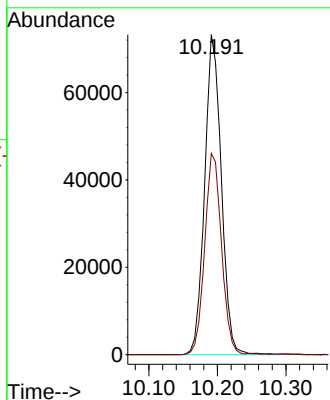
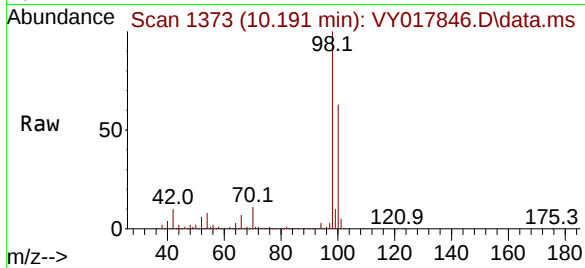




#50
Toluene-d8
Concen: 54.154 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

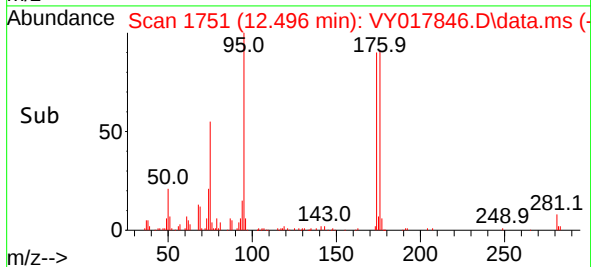
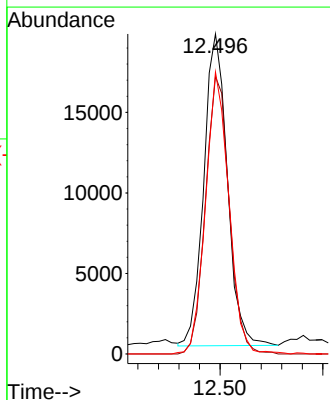
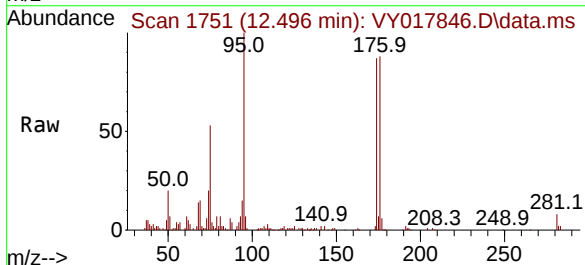
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

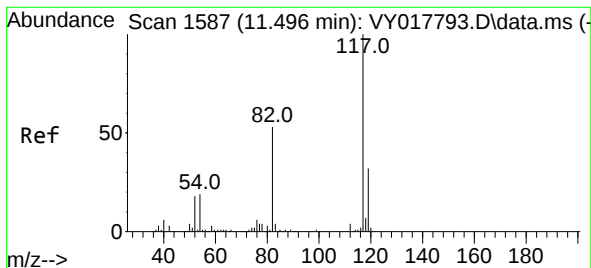
Tgt Ion: 98 Resp: 124070
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.156 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

Tgt Ion: 95 Resp: 30779
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.6
176 89.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017846.D

Acq: 04 Apr 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1

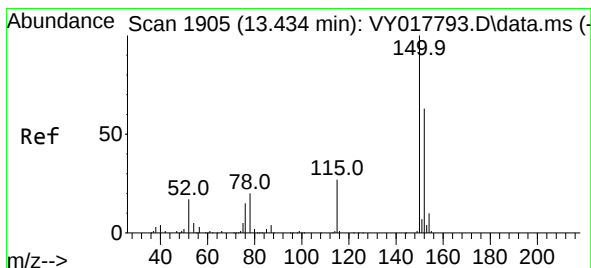
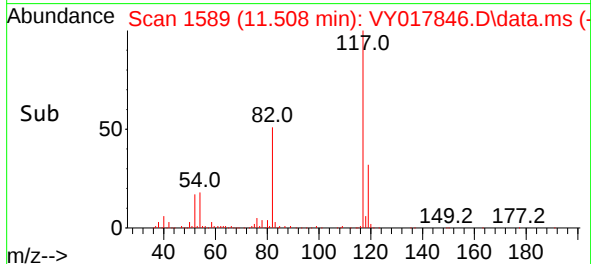
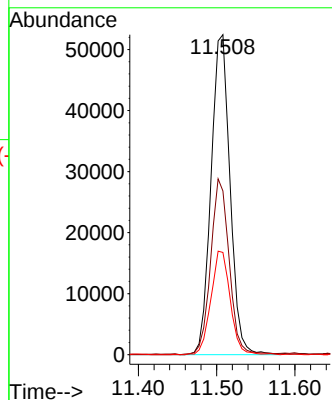
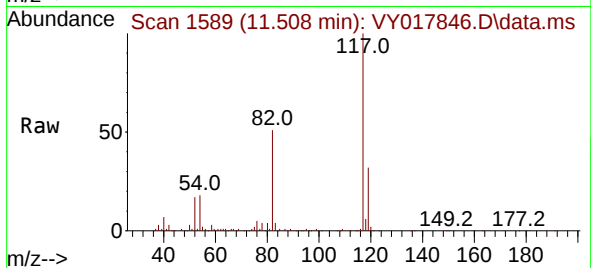
Tgt Ion:117 Resp: 88333

Ion Ratio Lower Upper

117 100

82 51.1 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017846.D

Acq: 04 Apr 2024 12:01

Tgt Ion:152 Resp: 31093

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 153.0 0.0 345.6

