

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015872.D
 Acq On : 06 Oct 2023 19:08
 Operator : SY/MD
 Sample : 04778-04
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2

Quant Time: Oct 07 07:31:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	150710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	184899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68534	46.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.440%
35) Dibromofluoromethane	7.716	113	66656	50.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.760%
50) Toluene-d8	10.179	98	264092	62.091	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	124.180%
62) 4-Bromofluorobenzene	12.477	95	76772	44.159	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.320%

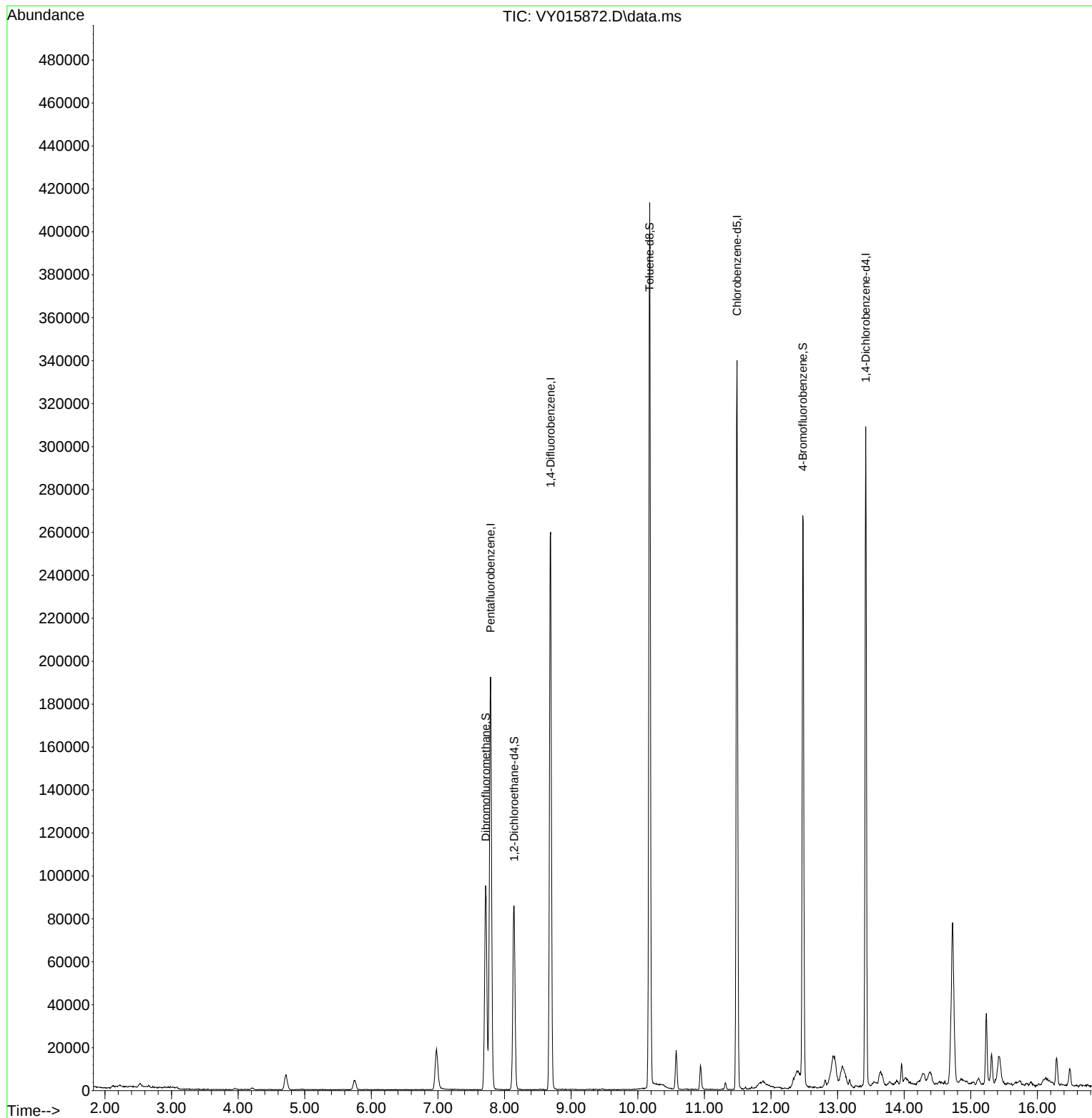
Target Compounds	Qvalue

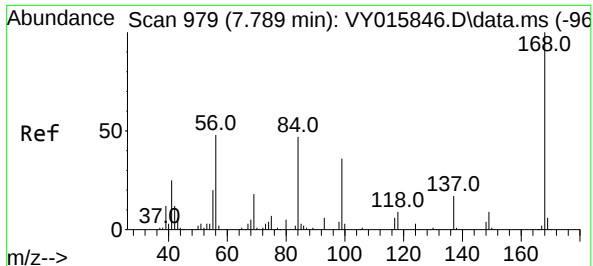
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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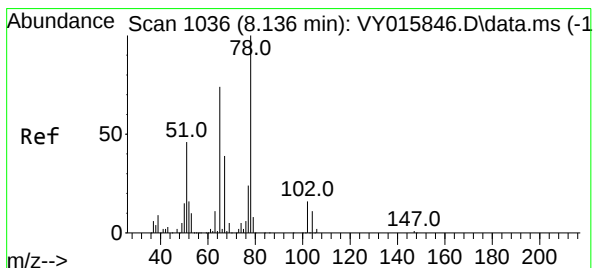
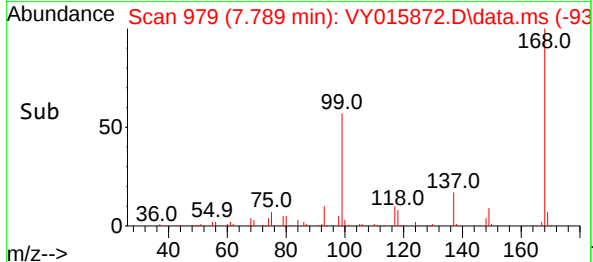
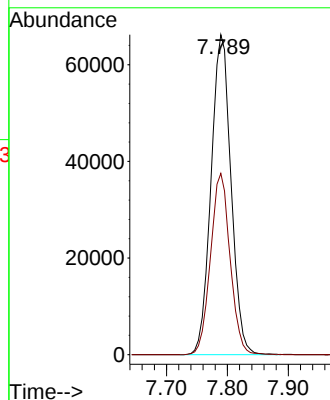
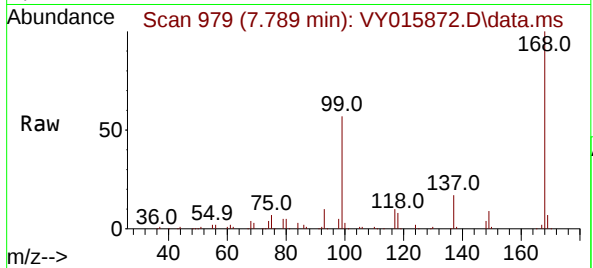




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015872.D
Acq: 06 Oct 2023 19:08

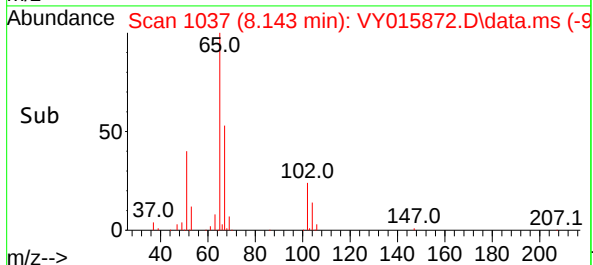
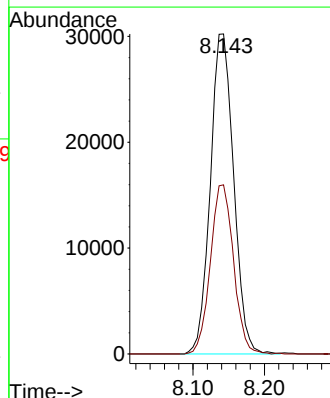
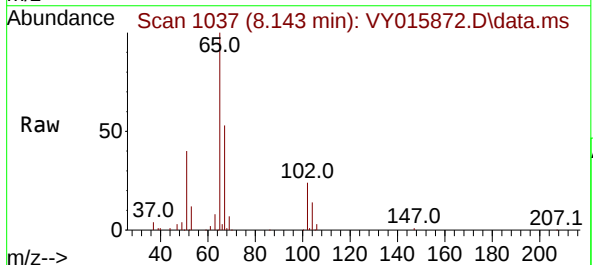
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

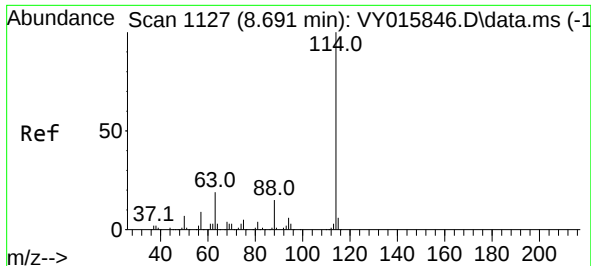
Tgt Ion:168 Resp: 150710
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 46.221 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015872.D
Acq: 06 Oct 2023 19:08

Tgt Ion: 65 Resp: 68534
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

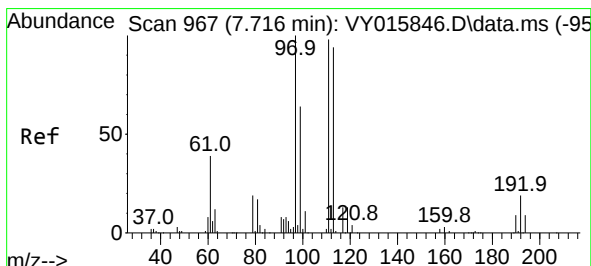
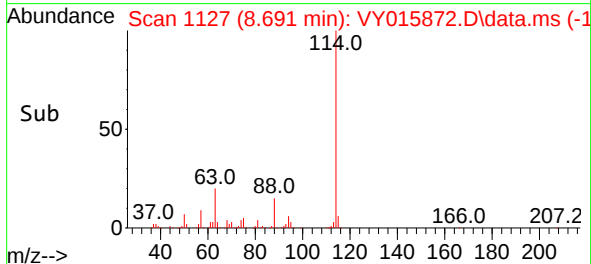
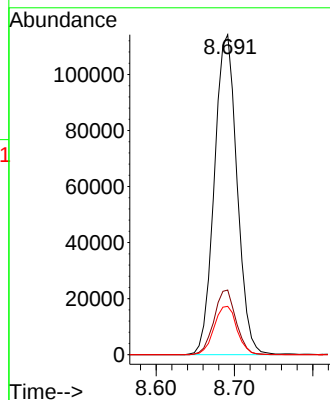
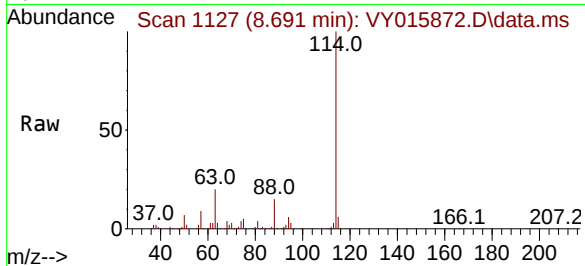




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY015872.D
Acq: 06 Oct 2023 19:08

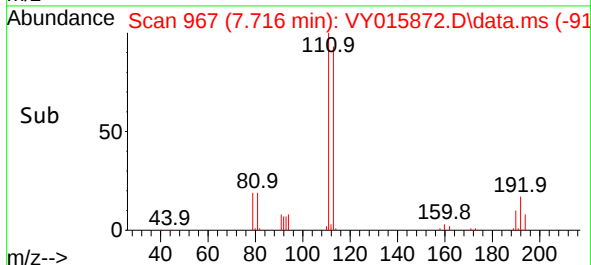
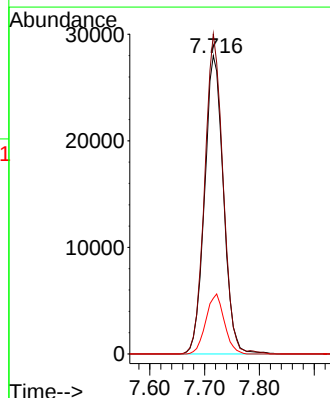
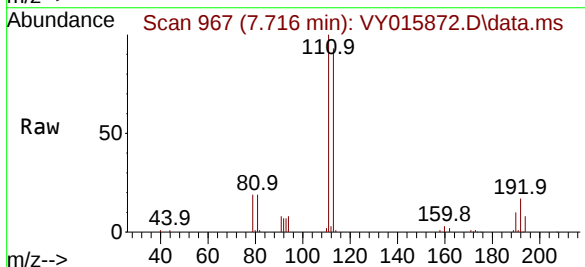
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

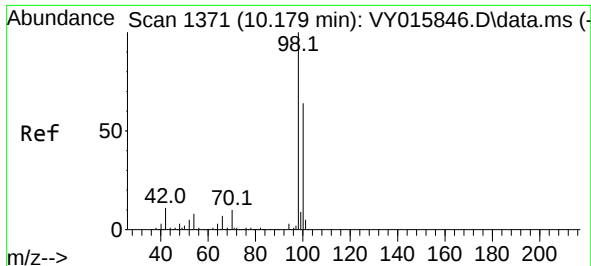
Tgt Ion:114 Resp: 229828
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.881 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015872.D
Acq: 06 Oct 2023 19:08

Tgt Ion:113 Resp: 66656
Ion Ratio Lower Upper
113 100
111 104.6 81.3 121.9
192 19.7 16.9 25.3

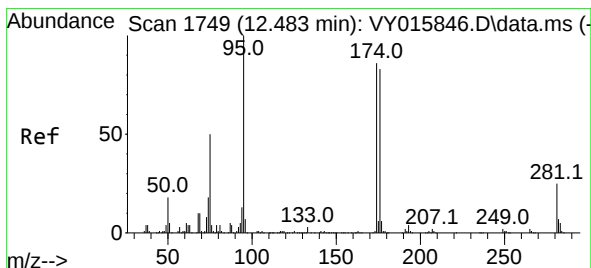
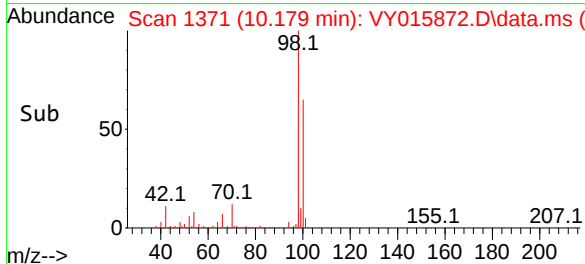
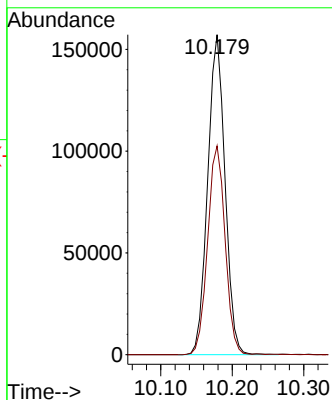
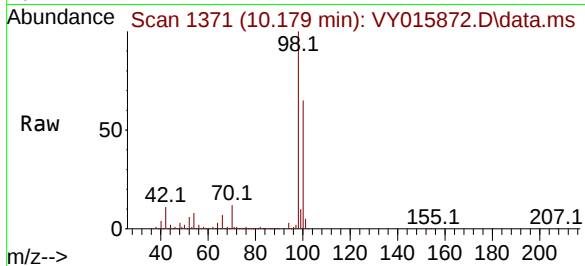




#50
Toluene-d8
Concen: 62.091 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015872.D
Acq: 06 Oct 2023 19:08

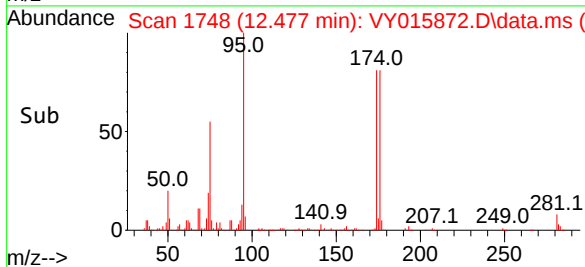
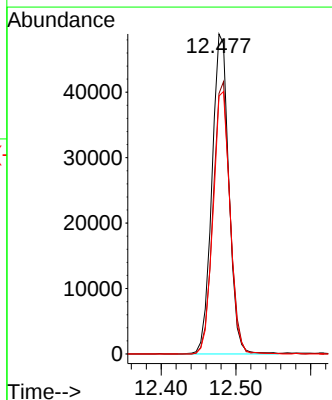
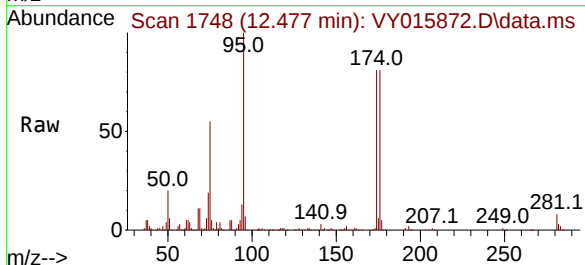
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

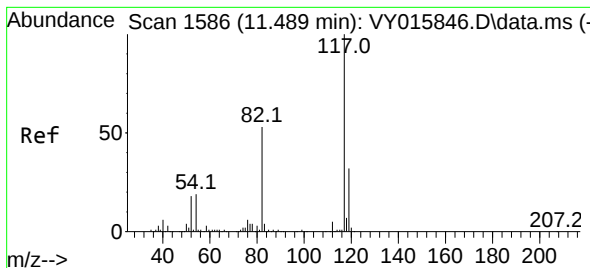
Tgt Ion: 98 Resp: 264092
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.159 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015872.D
Acq: 06 Oct 2023 19:08

Tgt Ion: 95 Resp: 76772
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 82.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015872.D

Acq: 06 Oct 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-2

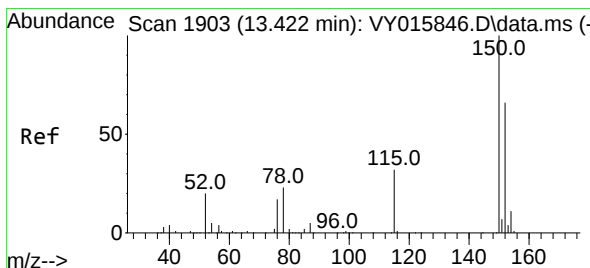
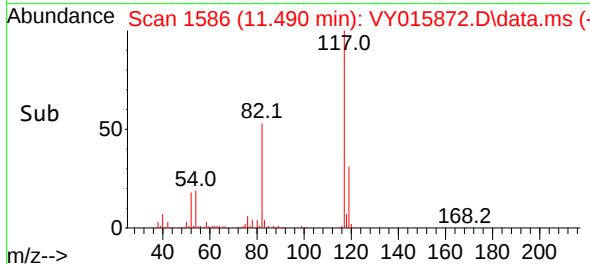
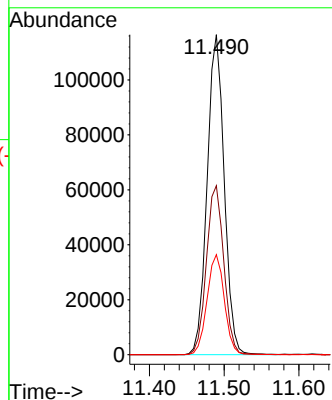
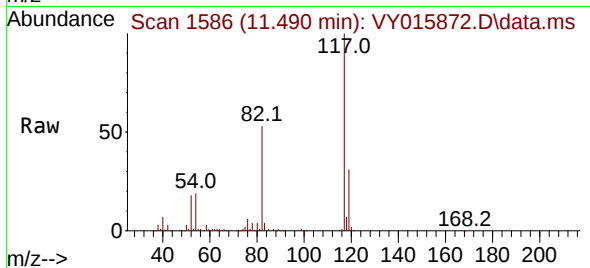
Tgt Ion:117 Resp: 184899

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 31.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015872.D

Acq: 06 Oct 2023 19:08

Tgt Ion:152 Resp: 78020

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 155.7 0.0 348.8

