

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017847.D
 Acq On : 04 Apr 2024 12:24
 Operator : SY/MD
 Sample : P1974-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2

Quant Time: Apr 05 00:45:35 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	136904	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	257992	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	230381	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	87306	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	75703	63.902	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.800%
35) Dibromofluoromethane	7.734	113	83316	55.887	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.780%
50) Toluene-d8	10.197	98	299727	53.823	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.495	95	81564	48.141	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.280%

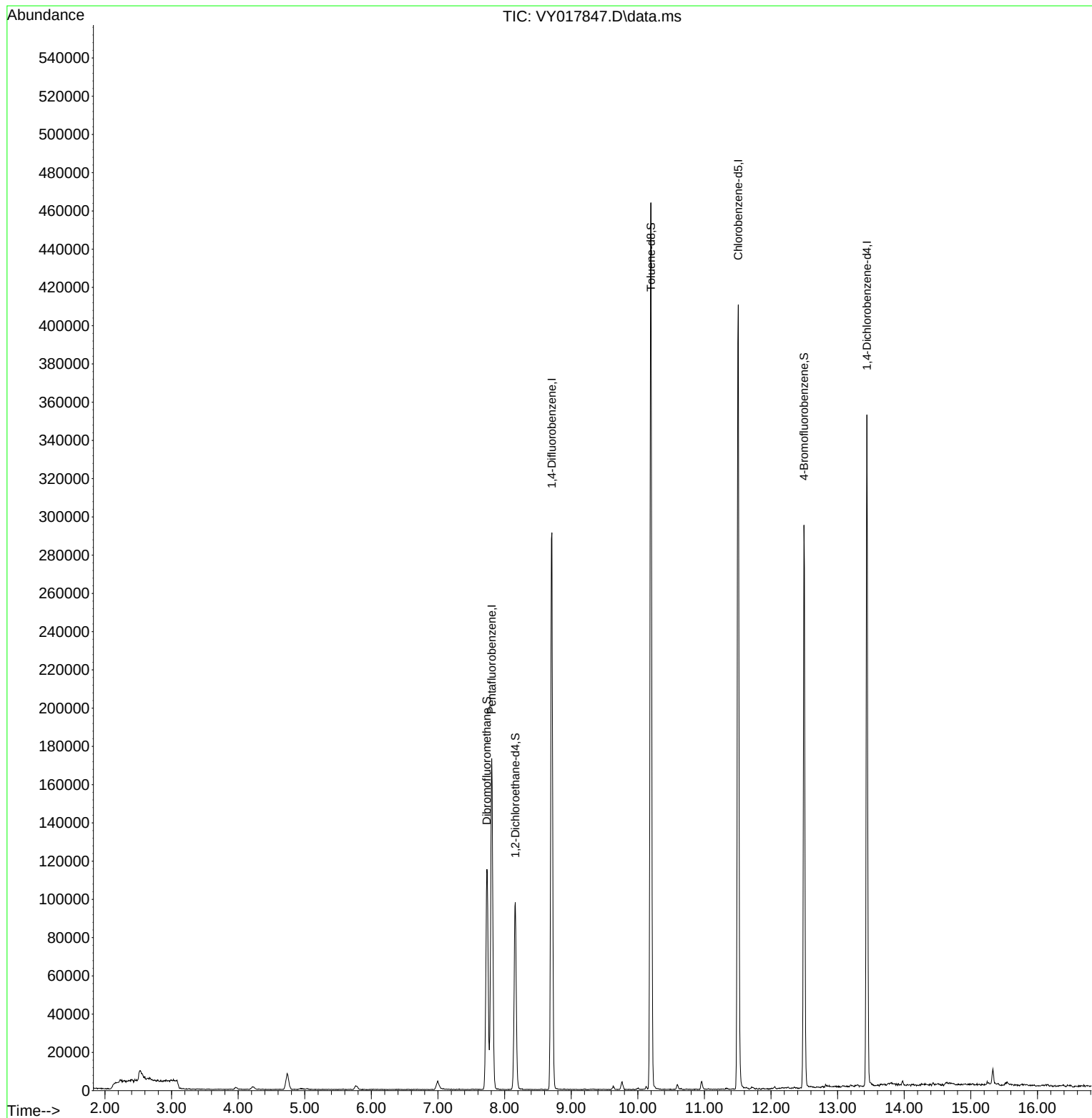
Target Compounds	Qvalue

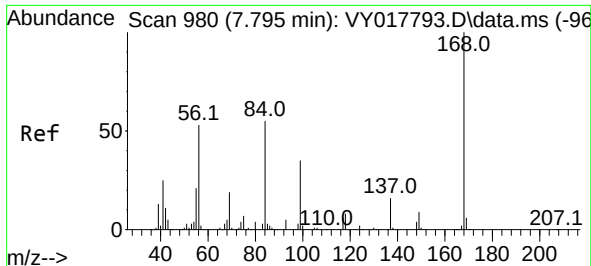
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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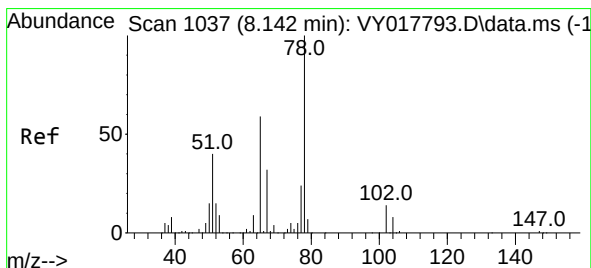
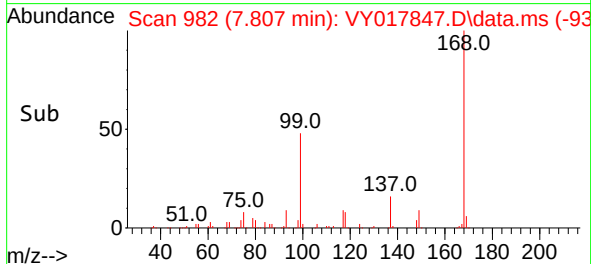
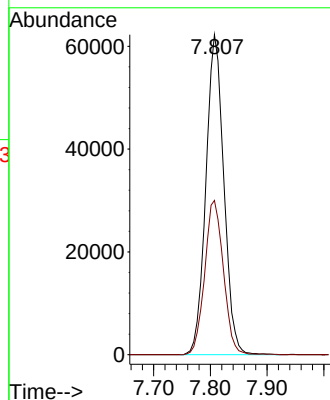
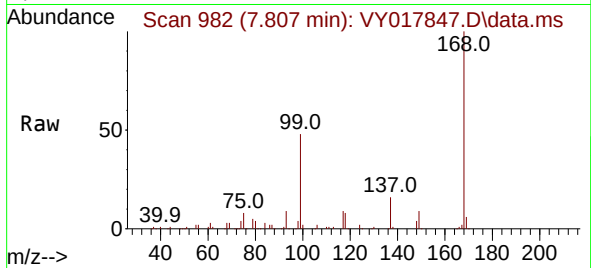




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

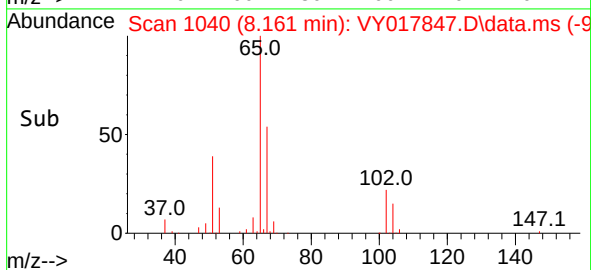
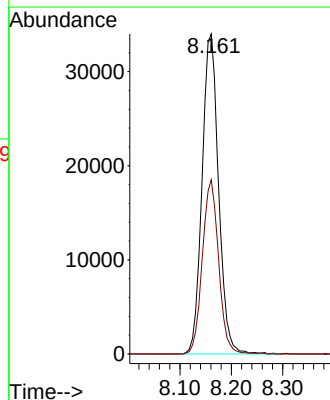
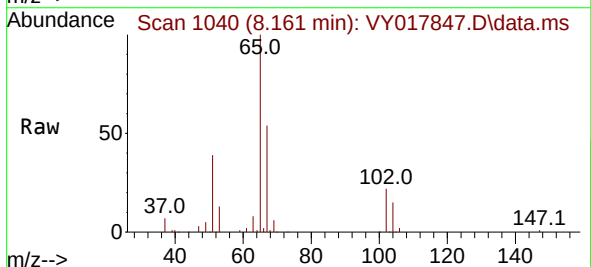
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

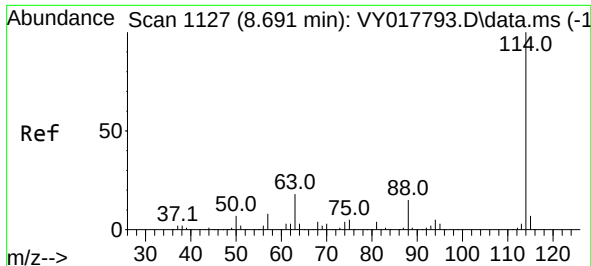
Tgt Ion:168 Resp: 136904
Ion Ratio Lower Upper
168 100
99 48.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 63.902 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.018 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

Tgt Ion: 65 Resp: 75703
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1127

Delta R.T. 0.018 min

Lab File: VY017847.D

Acq: 04 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-2

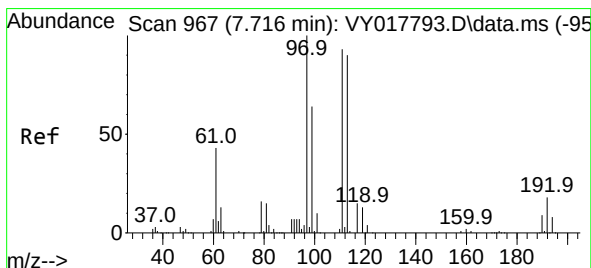
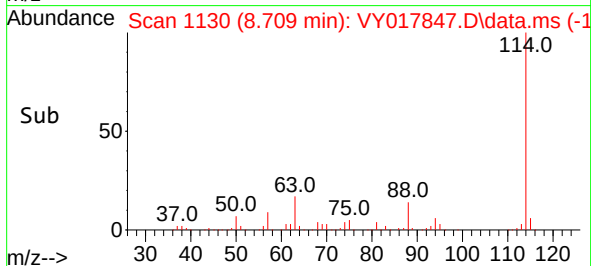
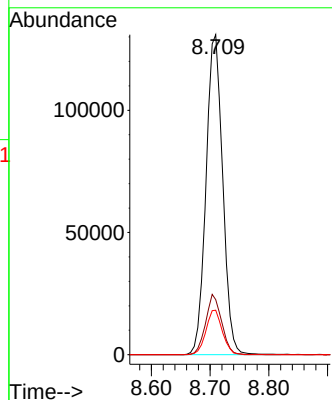
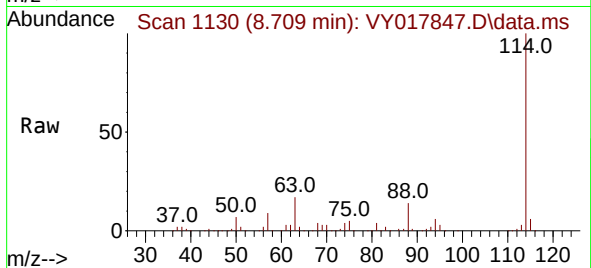
Tgt Ion:114 Resp: 257992

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.887 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017847.D

Acq: 04 Apr 2024 12:24

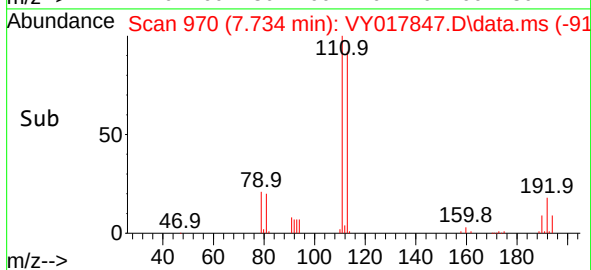
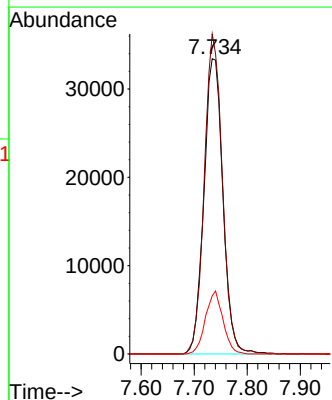
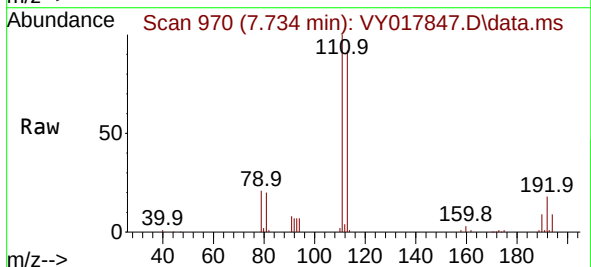
Tgt Ion:113 Resp: 83316

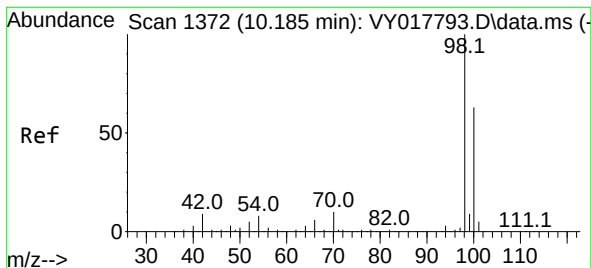
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 19.6 15.9 23.9





#50

Toluene-d8

Concen: 53.823 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017847.D

Acq: 04 Apr 2024 12:24

Instrument :

MSVOA_Y

ClientSampleId :

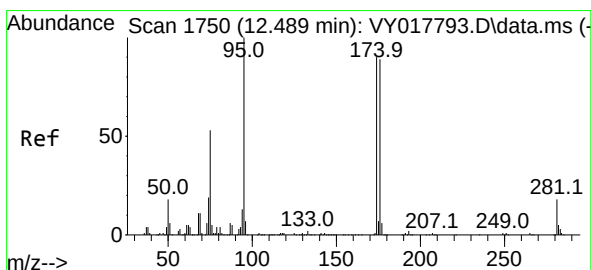
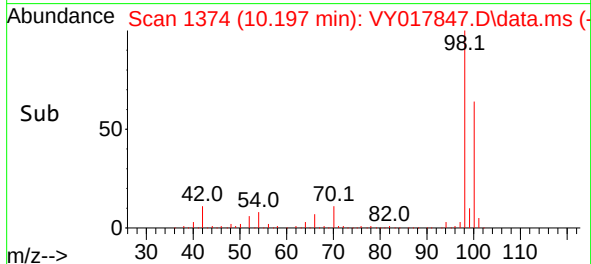
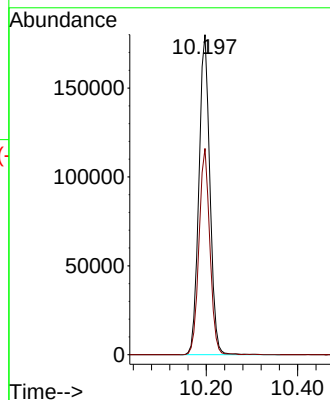
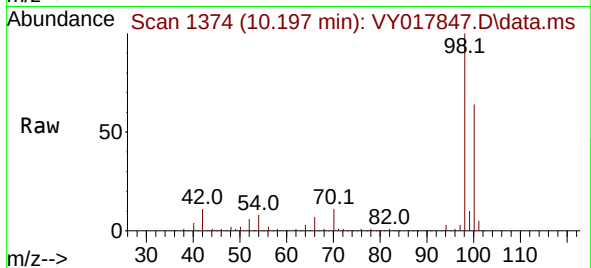
SOIL-2

Tgt Ion: 98 Resp: 299727

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.141 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017847.D

Acq: 04 Apr 2024 12:24

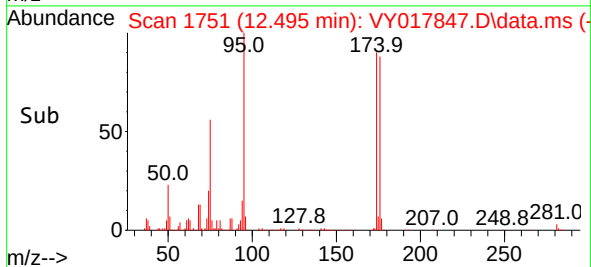
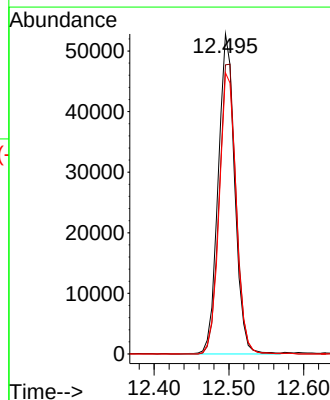
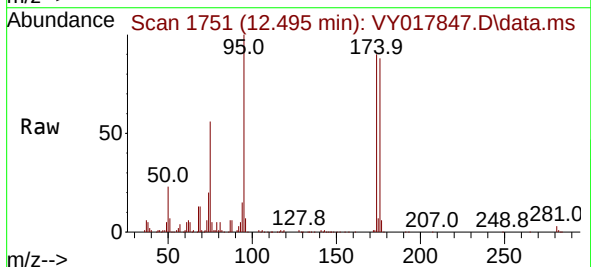
Tgt Ion: 95 Resp: 81564

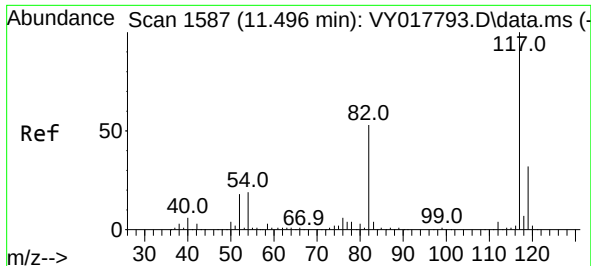
Ion Ratio Lower Upper

95 100

174 92.6 0.0 175.6

176 89.9 0.0 171.4

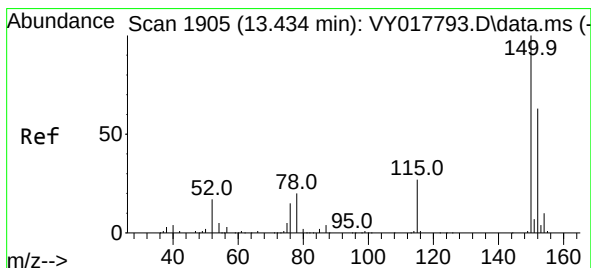
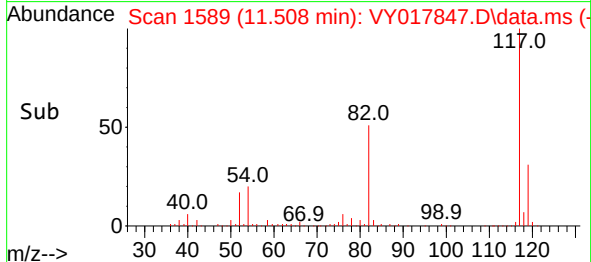
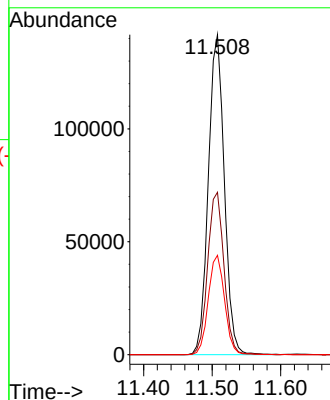
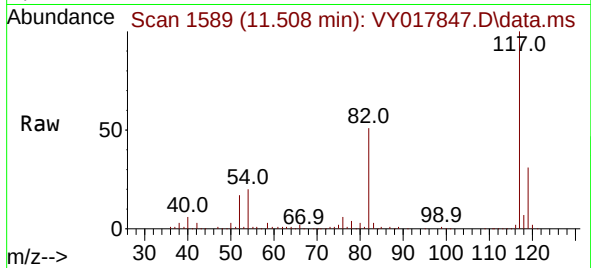




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017847.D
Acq: 04 Apr 2024 12:24

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

Tgt Ion:117 Resp: 230381
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 31.1 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: VY017847.D
Acq: 04 Apr 2024 12:24

Tgt Ion:152 Resp: 87306
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 157.4 0.0 345.6

