

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017768.D
 Acq On : 26 Mar 2024 14:36
 Operator : SY/MD
 Sample : P1869-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3

Quant Time: Mar 27 01:30:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	126972	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	239741	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	215542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73073	66.060	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.120%
35) Dibromofluoromethane	7.722	113	79476	55.459	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.920%
50) Toluene-d8	10.185	98	274284	50.009	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.020%
62) 4-Bromofluorobenzene	12.489	95	77395	46.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.980%

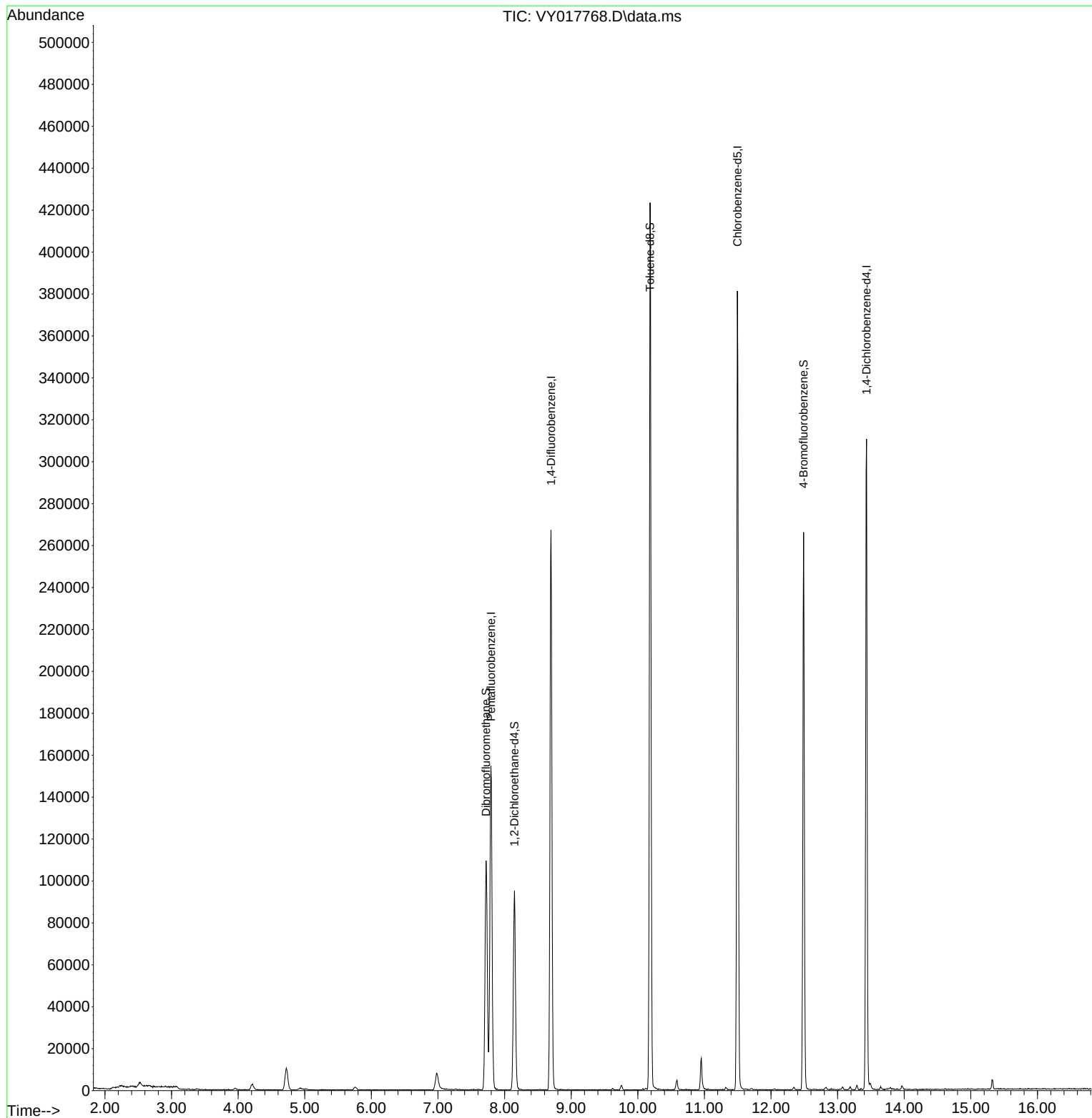
Target Compounds	Qvalue

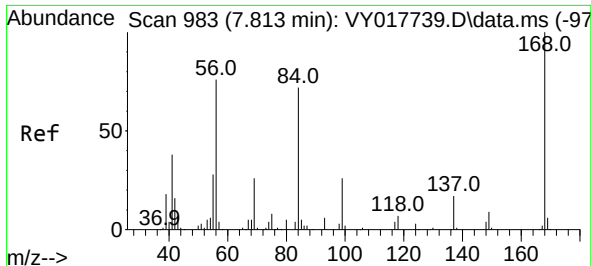
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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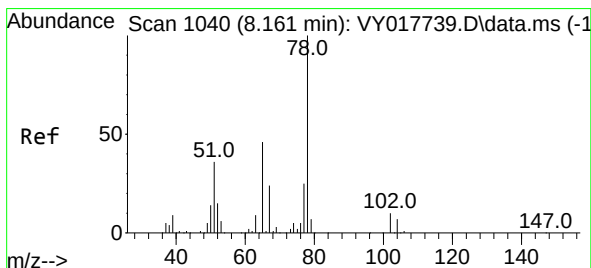
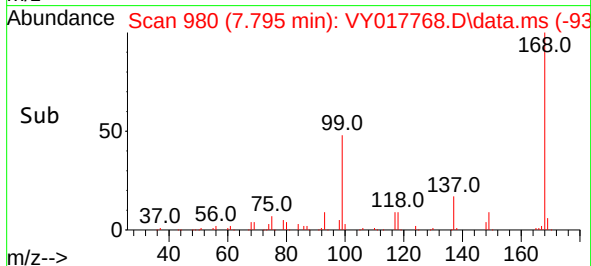
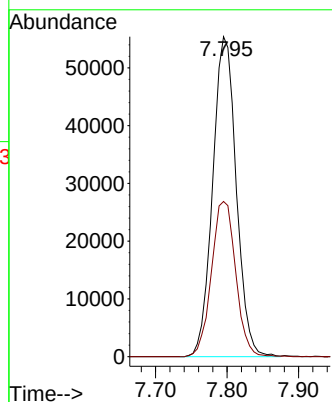
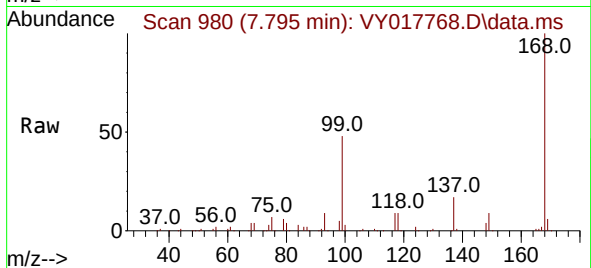




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

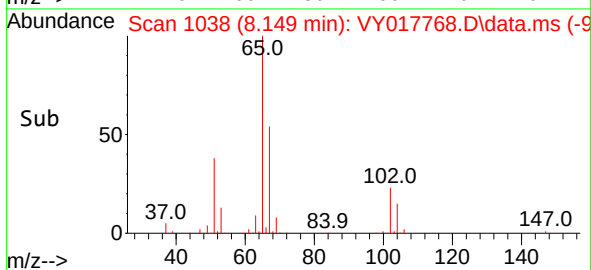
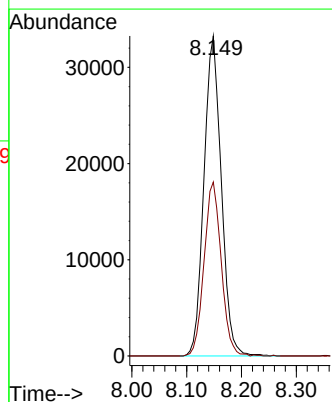
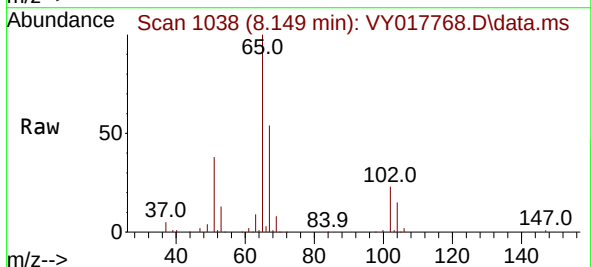
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

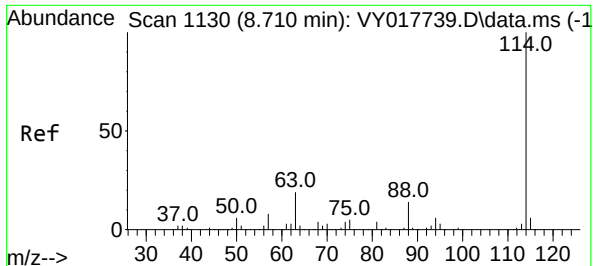
Tgt Ion:168 Resp: 126972
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 66.060 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.012 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

Tgt Ion: 65 Resp: 73073
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017768.D

Acq: 26 Mar 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-3

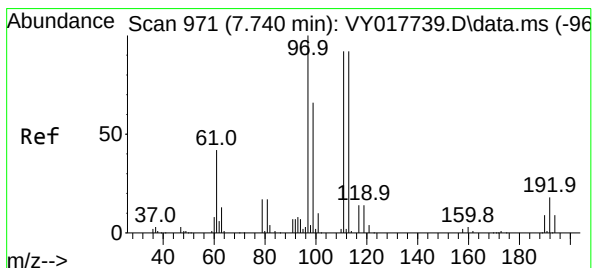
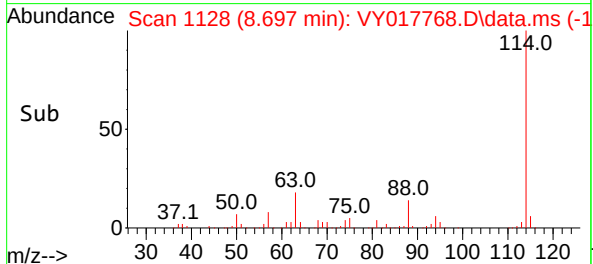
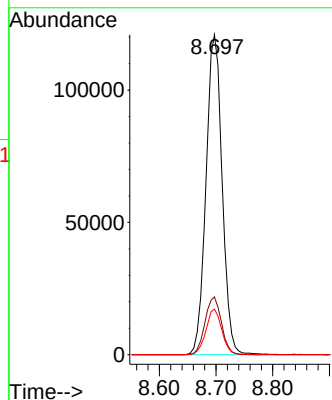
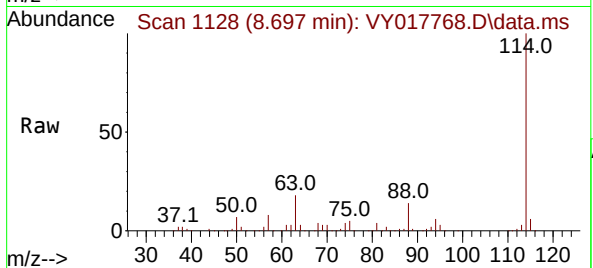
Tgt Ion:114 Resp: 239741

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.459 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY017768.D

Acq: 26 Mar 2024 14:36

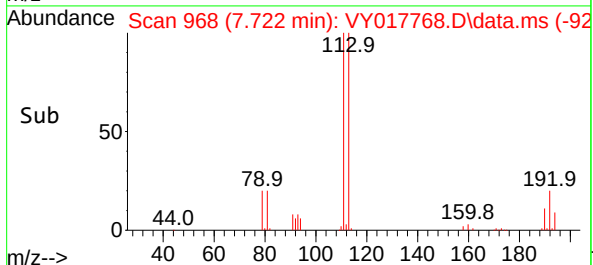
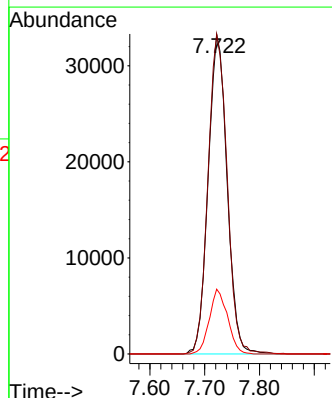
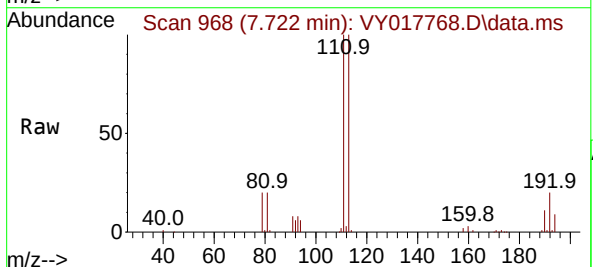
Tgt Ion:113 Resp: 79476

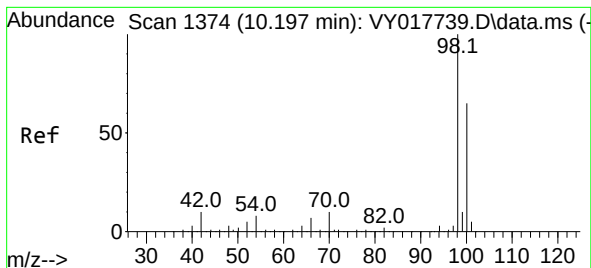
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 19.6 15.9 23.9

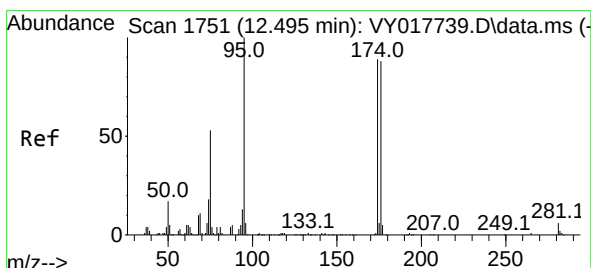
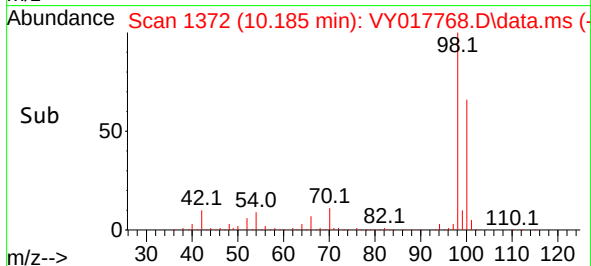
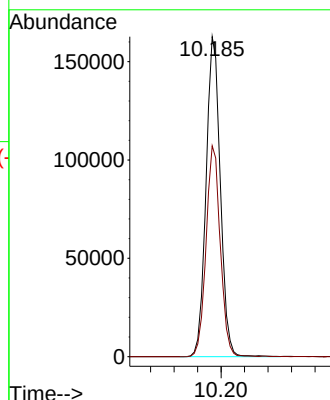
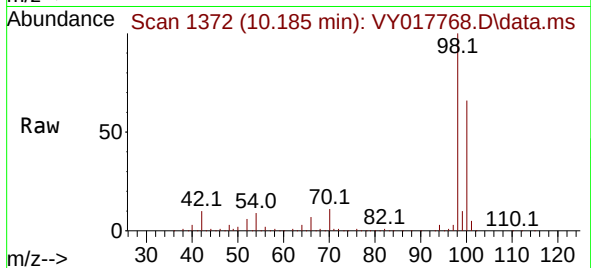




#50
Toluene-d8
Concen: 50.009 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

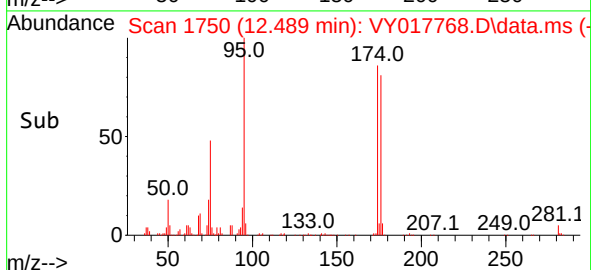
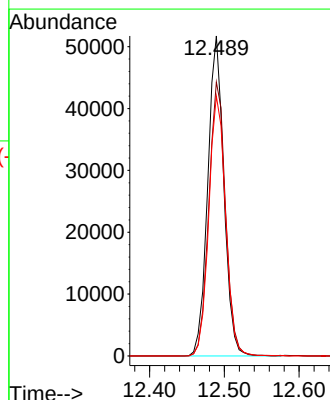
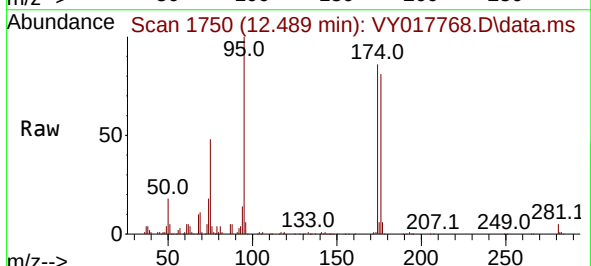
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

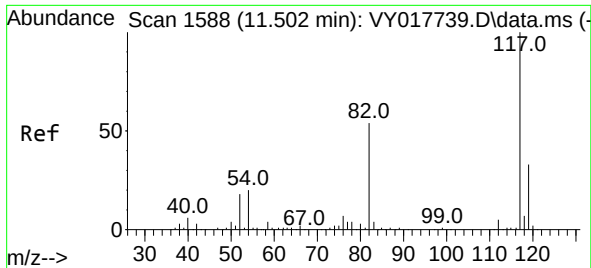
Tgt Ion: 98 Resp: 274284
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.993 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

Tgt Ion: 95 Resp: 77395
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.6
176 84.9 0.0 171.4

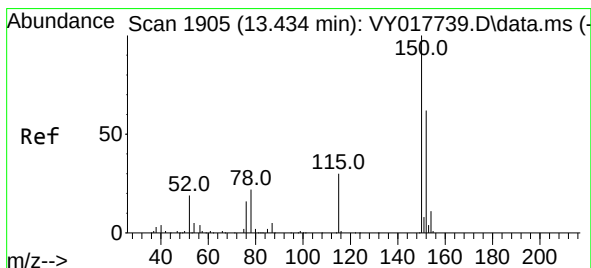
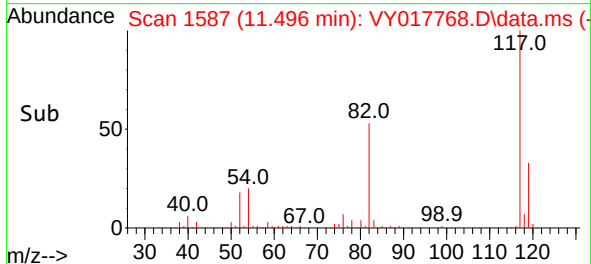
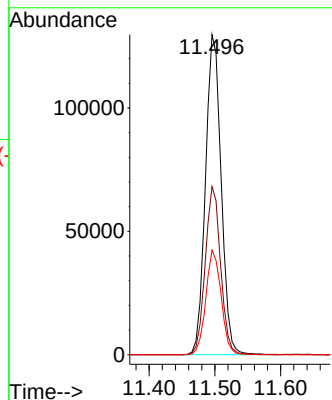
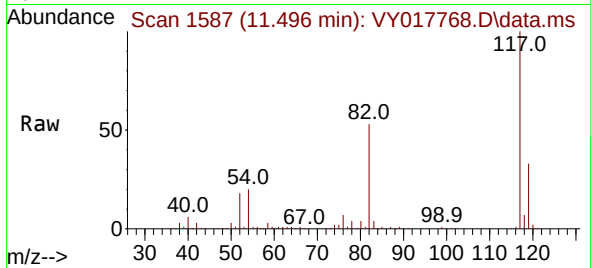




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

Tgt Ion:117 Resp: 215542
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

Tgt Ion:152 Resp: 81990
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 157.2 0.0 345.6

