

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020289.D
 Acq On : 13 Nov 2024 17:36
 Operator : SY/MD
 Sample : P4822-01
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1

Quant Time: Nov 14 01:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

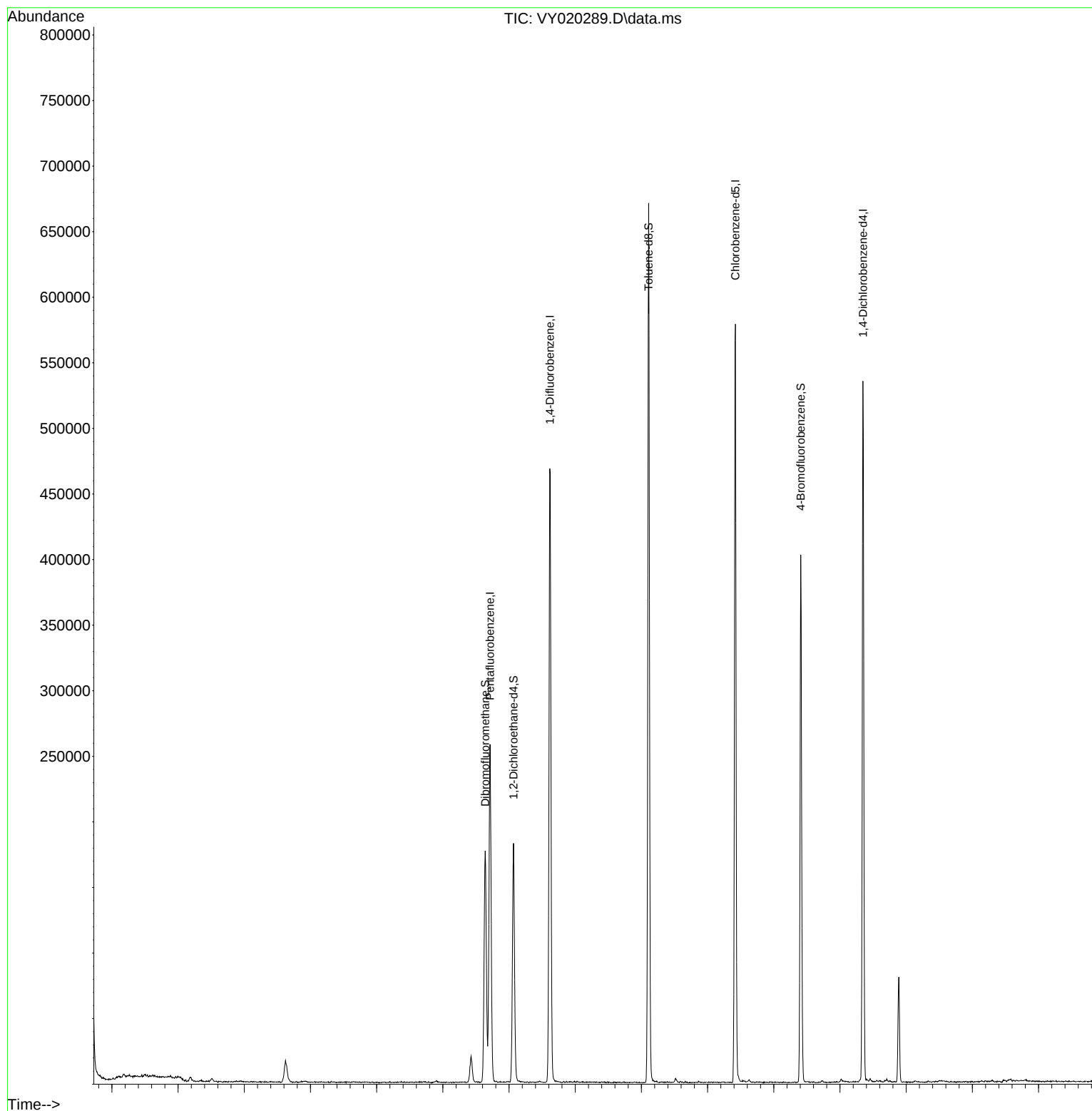
Internal Standards						
1) Pentafluorobenzene	7.713	168	175159	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	388834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	288894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	124141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	136282	62.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.680%
35) Dibromofluoromethane	7.640	113	124776	50.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.940%
50) Toluene-d8	10.109	98	417341	42.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.820%
62) 4-Bromofluorobenzene	12.408	95	111159	34.777	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	69.560%
Target Compounds						
30) Chloroform	7.421	83	18100	4.451	ug/l	Qvalue 85

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

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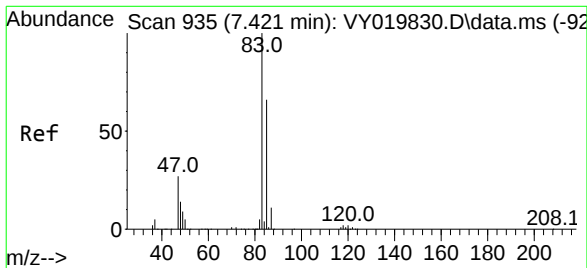
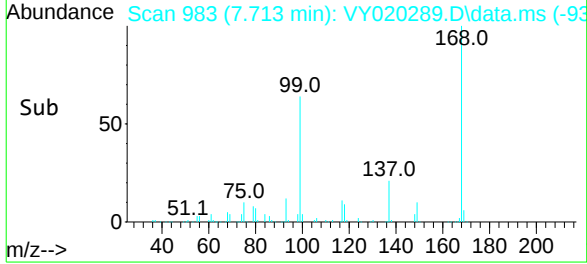
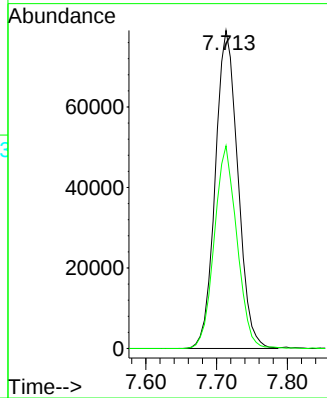
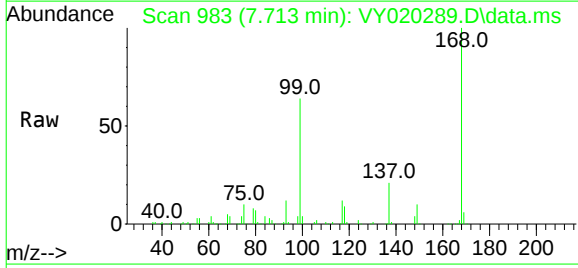




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

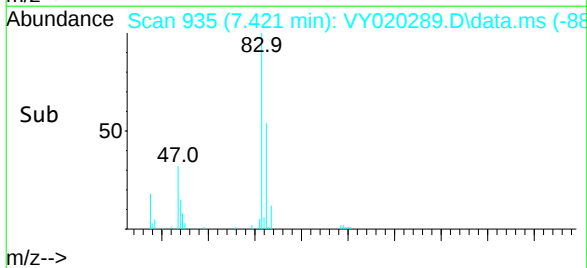
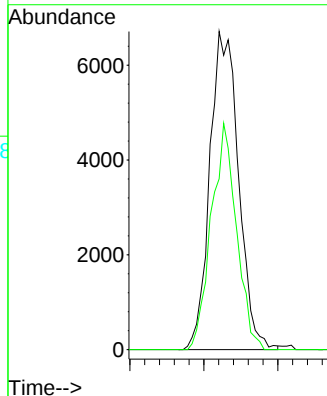
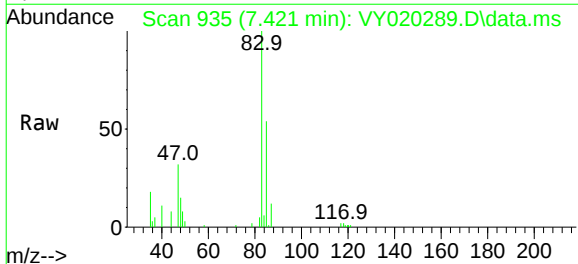
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

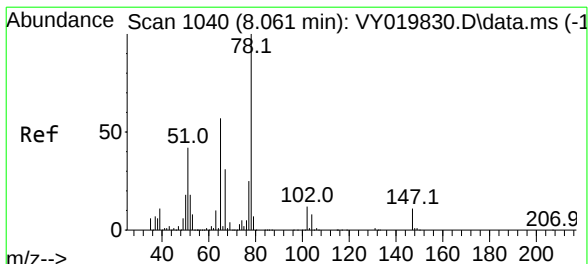
Tgt Ion:168 Resp: 175159
Ion Ratio Lower Upper
168 100
99 63.7 39.1 58.7#



#30
Chloroform
Concen: 4.451 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY020289.D
Acq: 13 Nov 2024 17:36

Tgt Ion: 83 Resp: 18100
Ion Ratio Lower Upper
83 100
85 53.7 52.2 78.4

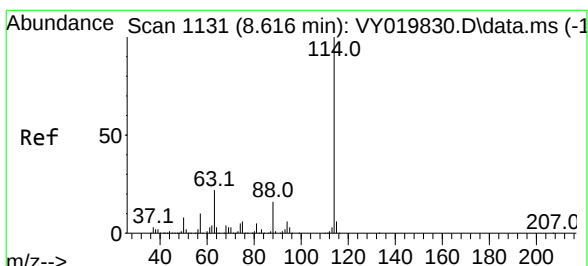
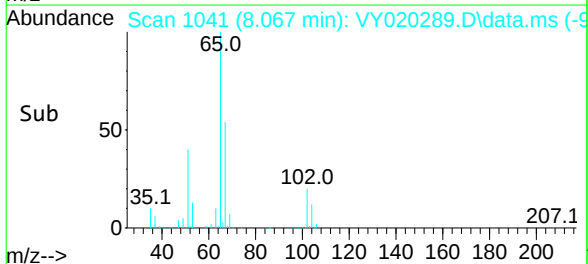
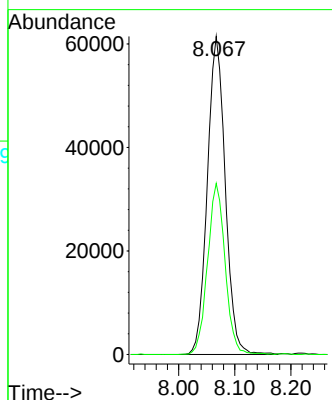
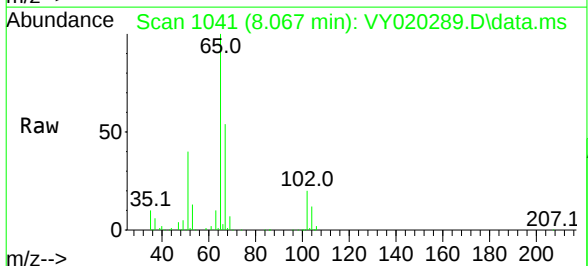




#33
 1,2-Dichloroethane-d4
 Concen: 62.340 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY020289.D
 Acq: 13 Nov 2024 17:36

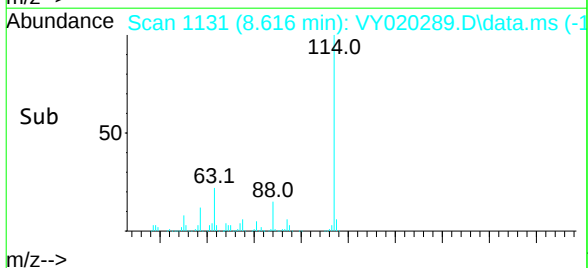
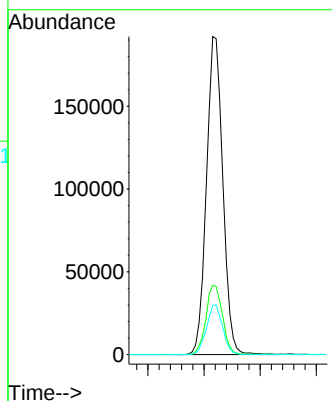
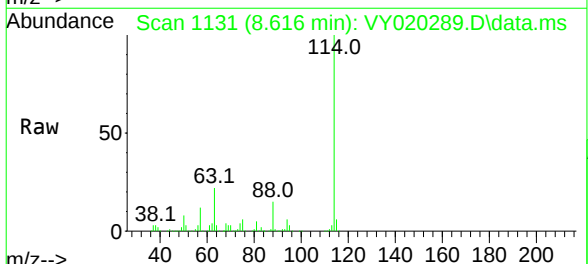
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1

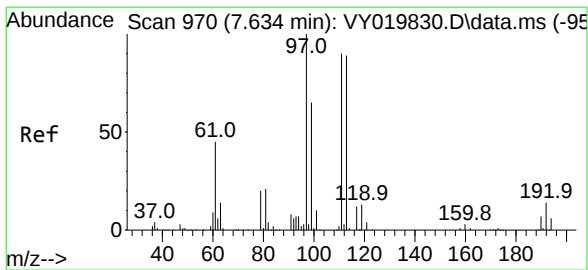
Tgt Ion: 65 Resp: 136282
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020289.D
 Acq: 13 Nov 2024 17:36

Tgt Ion: 114 Resp: 388834
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 35.0
 88 15.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.472 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020289.D

Acq: 13 Nov 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1

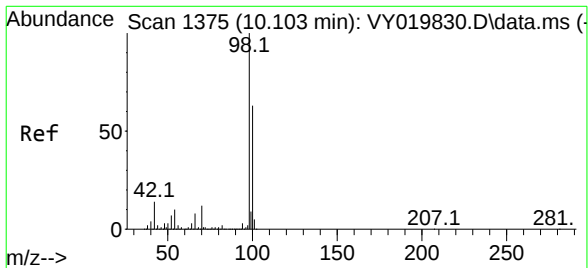
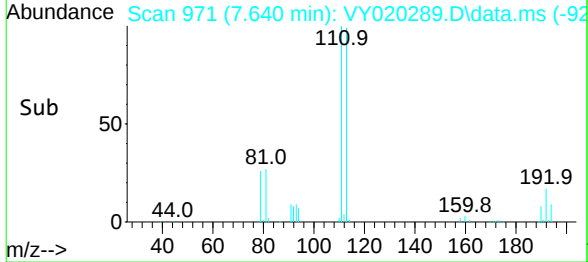
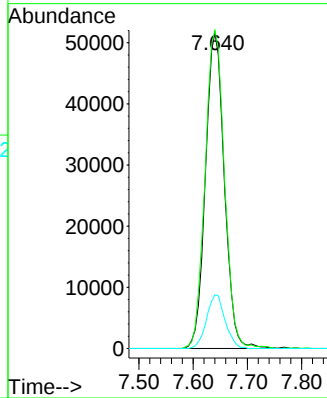
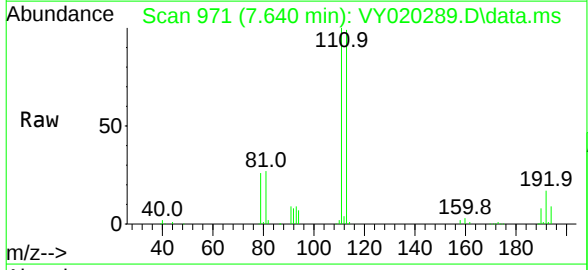
Tgt Ion:113 Resp: 124776

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 16.7 15.9 23.9



#50

Toluene-d8

Concen: 42.411 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020289.D

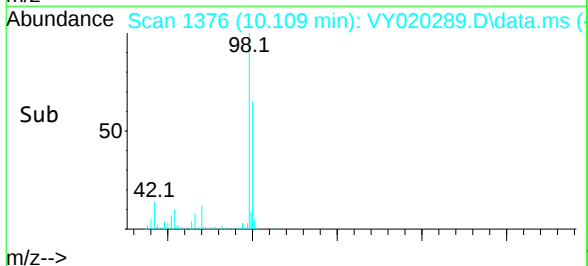
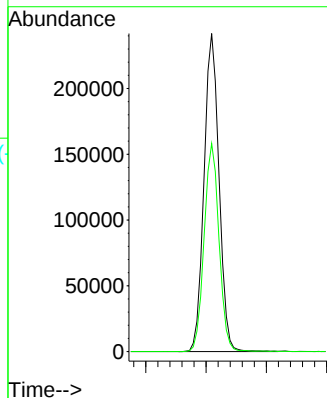
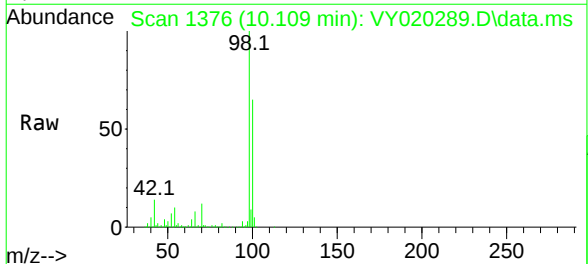
Acq: 13 Nov 2024 17:36

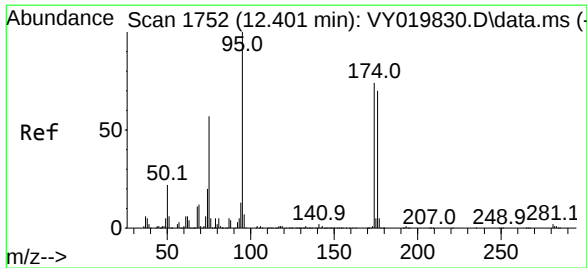
Tgt Ion: 98 Resp: 417341

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 34.777 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020289.D

Acq: 13 Nov 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1

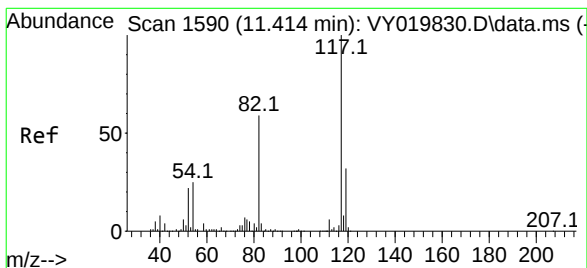
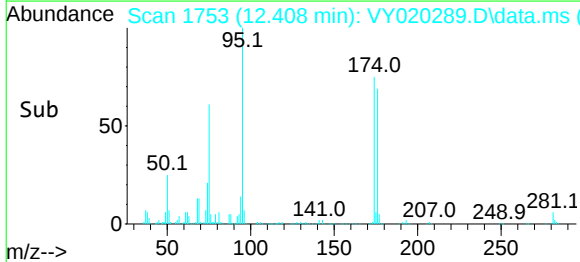
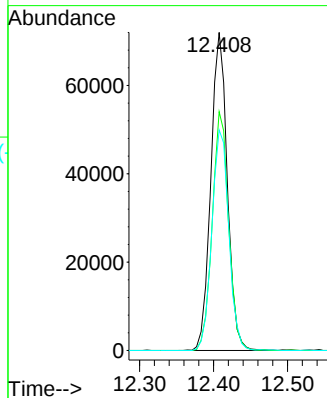
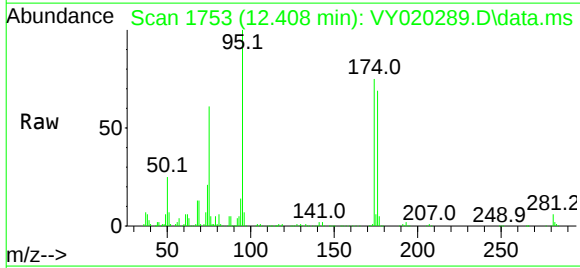
Tgt Ion: 95 Resp: 111159

Ion Ratio Lower Upper

95 100

174 74.6 0.0 175.6

176 71.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020289.D

Acq: 13 Nov 2024 17:36

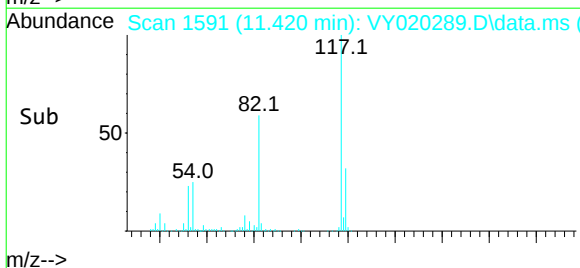
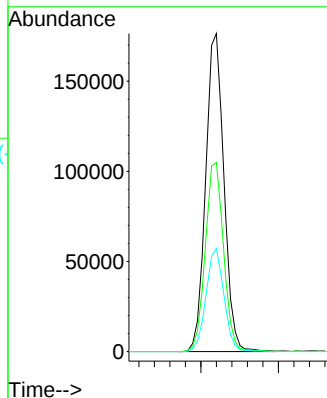
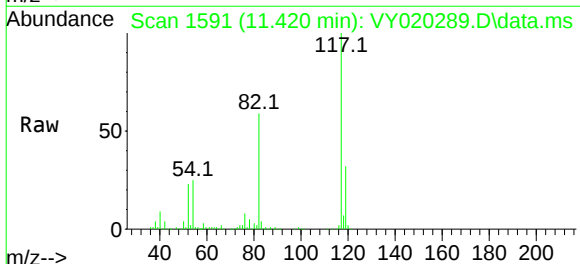
Tgt Ion: 117 Resp: 288894

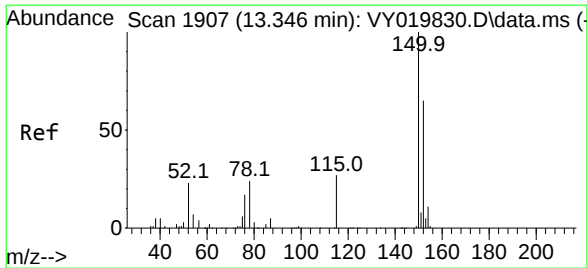
Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

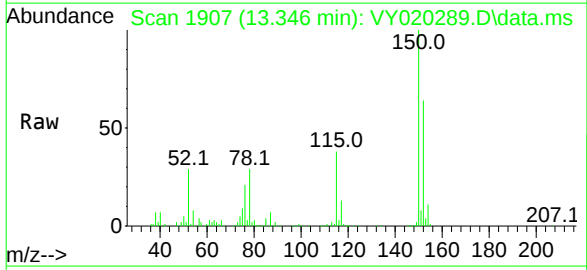
119 32.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020289.D
 Acq: 13 Nov 2024 17:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1



Tgt Ion:	152	Resp:	124141
Ion Ratio	Lower	Upper	
152	100		
115	61.9	28.2	84.7
150	158.5	0.0	345.6

