

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020290.D
 Acq On : 13 Nov 2024 17:59
 Operator : SY/MD
 Sample : P4822-05
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3

Quant Time: Nov 14 02:17:37 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)

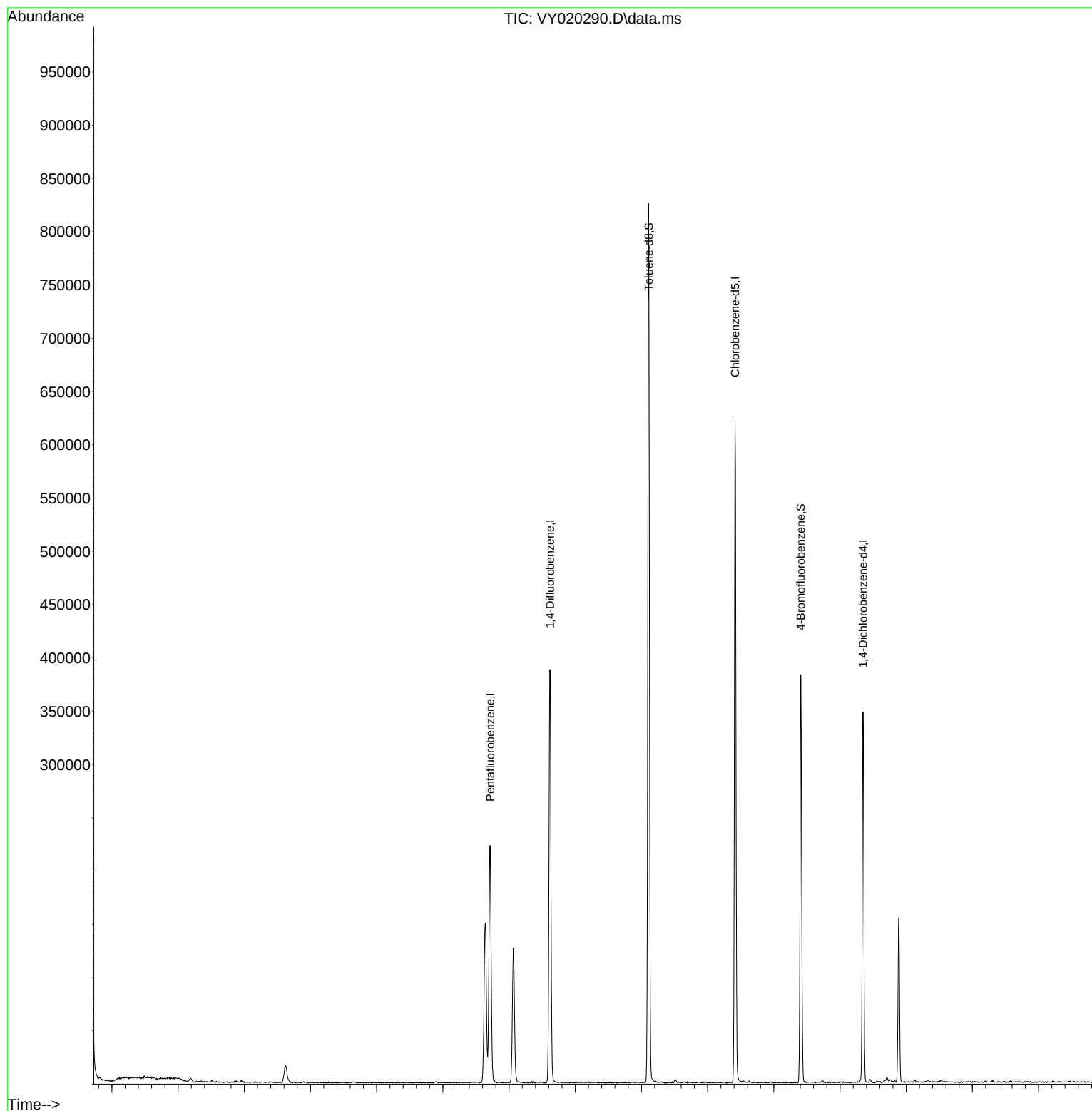
Internal Standards						
1) Pentafluorobenzene	7.713	168	152208	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	316218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	304518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	79473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	99050	52.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.280%	
35) Dibromofluoromethane	7.640	113	110168	54.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.600%	
50) Toluene-d8	10.109	98	509690	63.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.380%	
62) 4-Bromofluorobenzene	12.408	95	104536	40.216	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.440%	
Target Compounds						
20) Methylene Chloride	4.629	84	11450	5.770	ug/l	Qvalue 93

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

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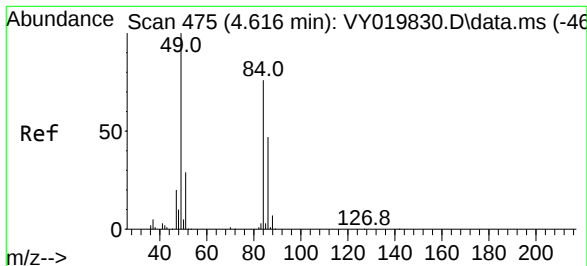
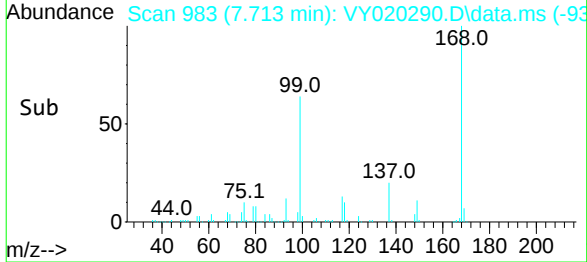
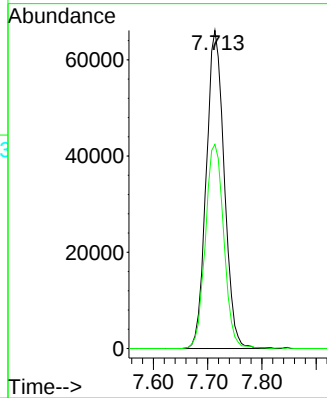
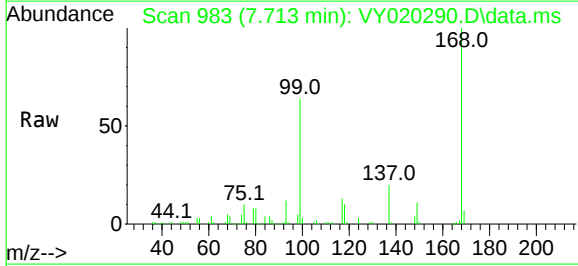




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

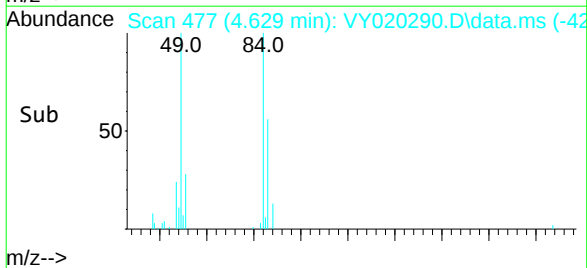
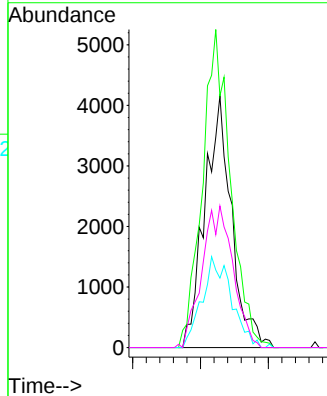
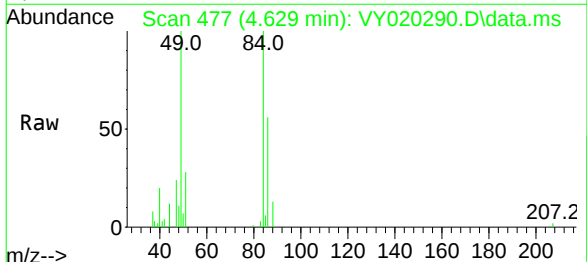
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

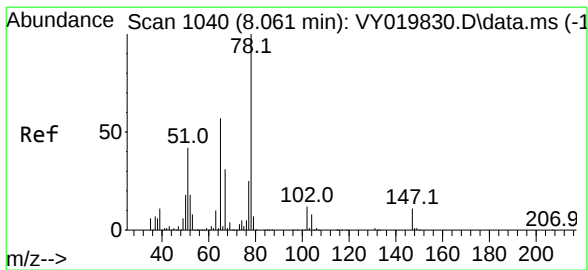
Tgt Ion:168 Resp: 152208
Ion Ratio Lower Upper
168 100
99 64.2 39.1 58.7#



#20
Methylene Chloride
Concen: 5.770 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

Tgt Ion: 84 Resp: 11450
Ion Ratio Lower Upper
84 100
49 99.9 84.4 126.6
51 27.6 26.0 39.0
86 56.2 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 52.141 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020290.D

Acq: 13 Nov 2024 17:59

Instrument :

MSVOA_Y

ClientSampleId :

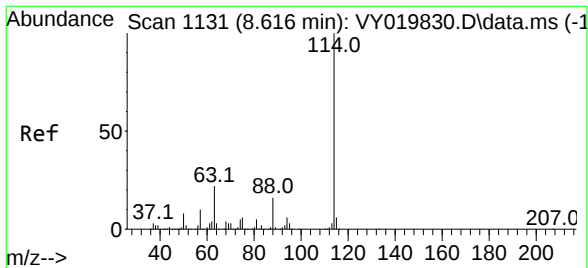
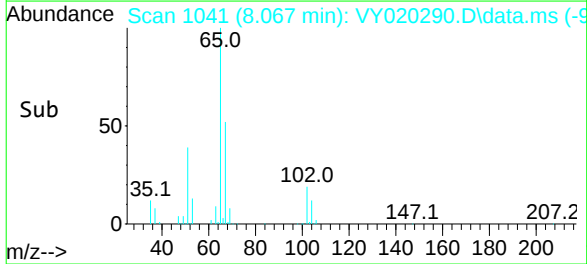
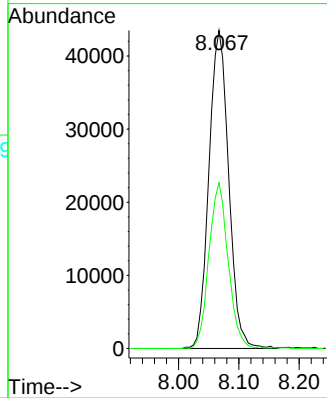
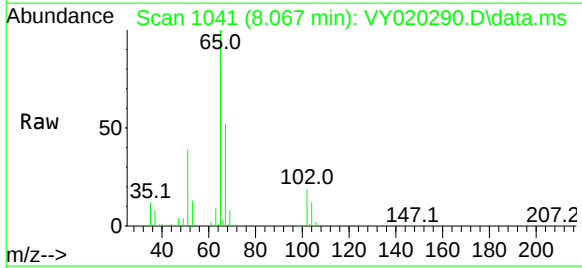
SOIL-3

Tgt Ion: 65 Resp: 99050

Ion Ratio Lower Upper

65 100

67 50.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020290.D

Acq: 13 Nov 2024 17:59

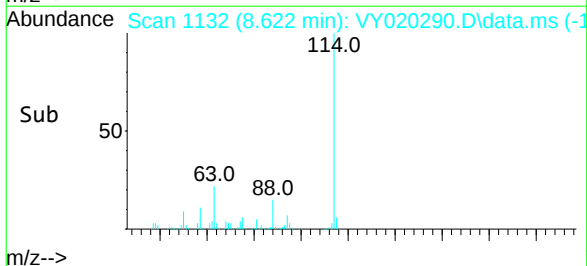
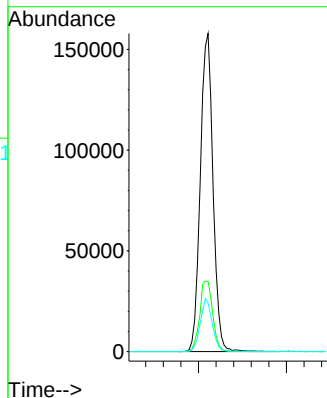
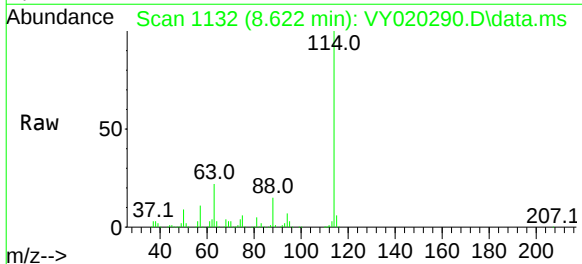
Tgt Ion: 114 Resp: 316218

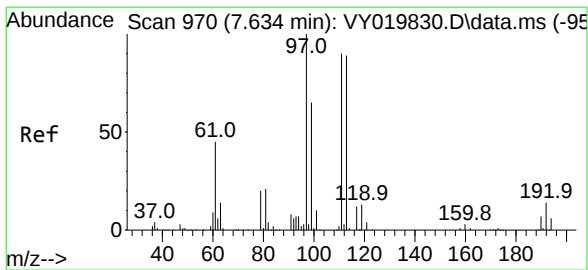
Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.0

88 15.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.796 ug/l

RT: 7.640 min Scan# 97

Delta R.T. 0.006 min

Lab File: VY020290.D

Acq: 13 Nov 2024 17:59

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-3

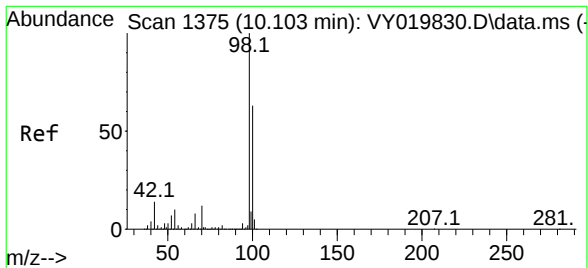
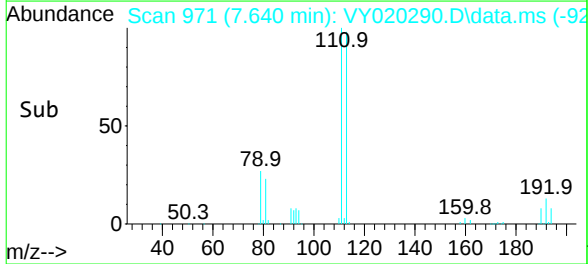
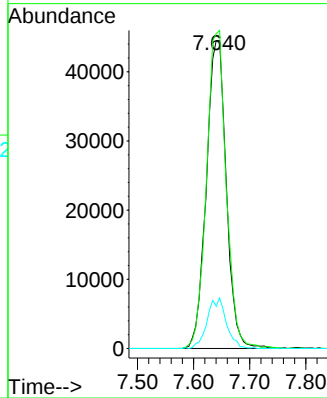
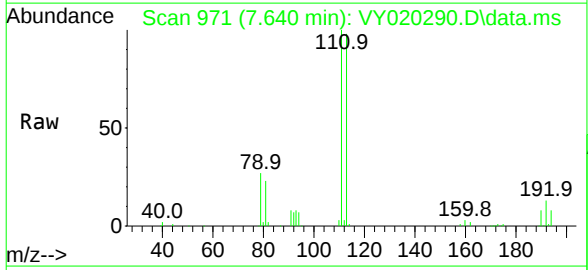
Tgt Ion:113 Resp: 110168

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 15.8 15.9 23.9#



#50

Toluene-d8

Concen: 63.689 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020290.D

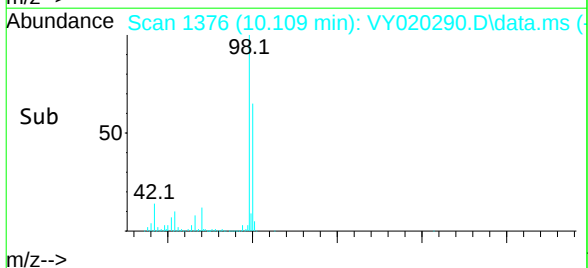
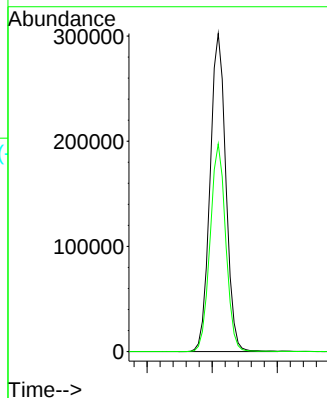
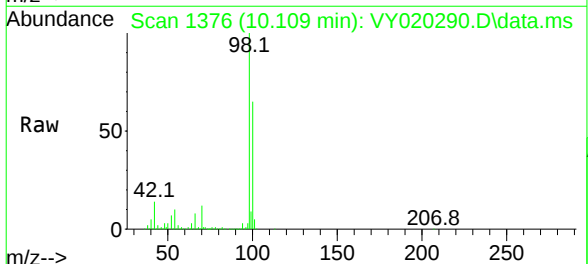
Acq: 13 Nov 2024 17:59

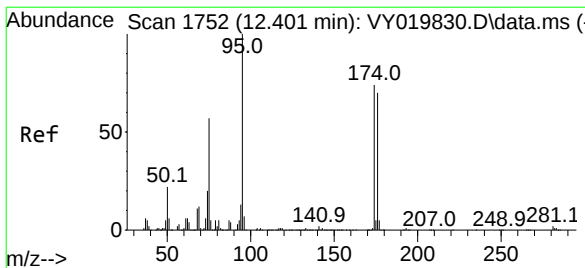
Tgt Ion: 98 Resp: 509690

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 40.216 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020290.D

Acq: 13 Nov 2024 17:59

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-3

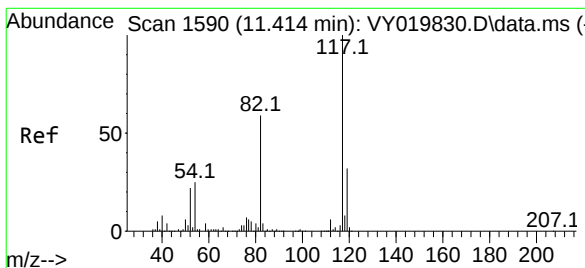
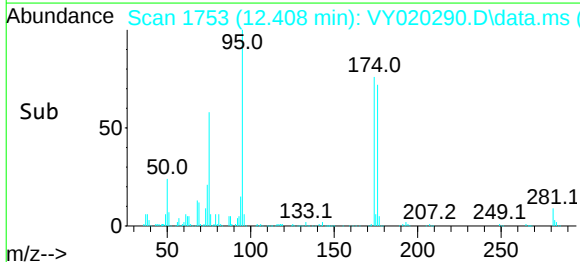
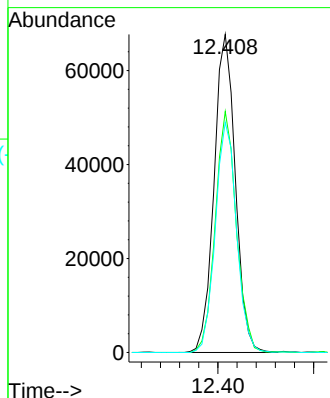
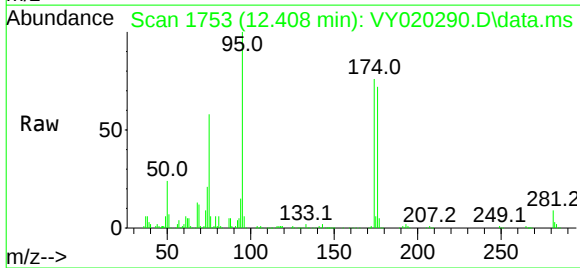
Tgt Ion: 95 Resp: 104536

Ion Ratio Lower Upper

95 100

174 75.0 0.0 175.6

176 72.0 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020290.D

Acq: 13 Nov 2024 17:59

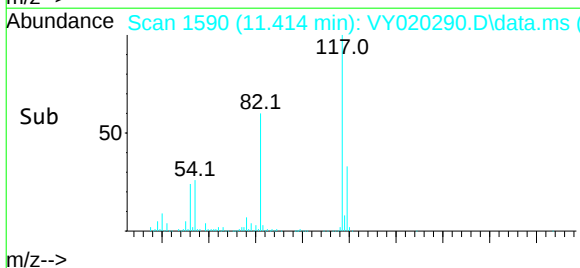
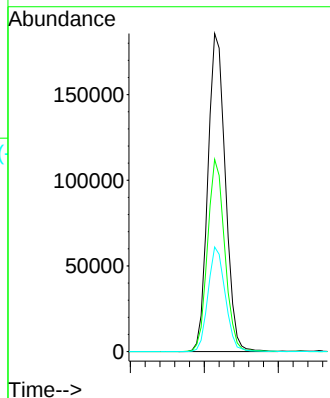
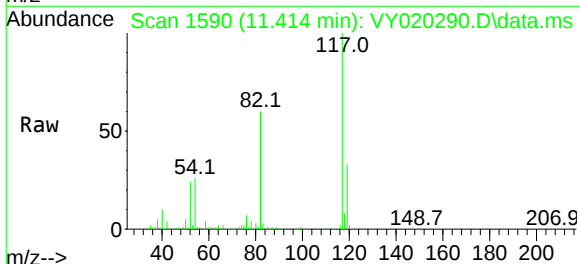
Tgt Ion: 117 Resp: 304518

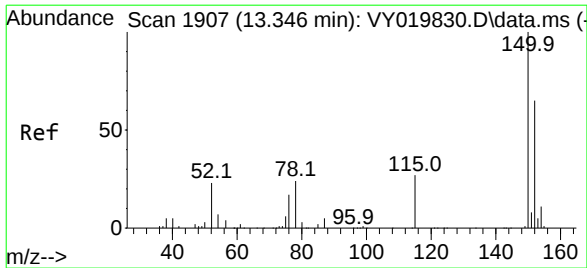
Ion Ratio Lower Upper

117 100

82 60.4 42.4 63.6

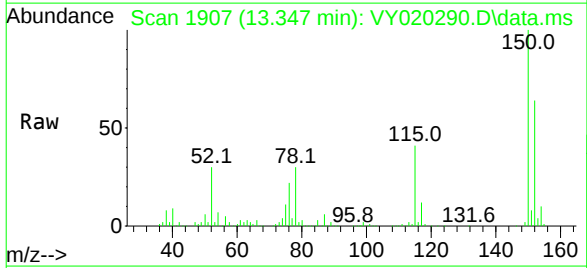
119 32.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020290.D
 Acq: 13 Nov 2024 17:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3



Tgt Ion:	152	Resp:	79473
Ion	Ratio	Lower	Upper
152	100		
115	63.2	28.2	84.7
150	157.6	0.0	345.6

