

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020634.D
 Acq On : 18 Dec 2024 14:30
 Operator : SY/MD
 Sample : P5312-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-VNJ-222

Quant Time: Dec 19 02:48:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

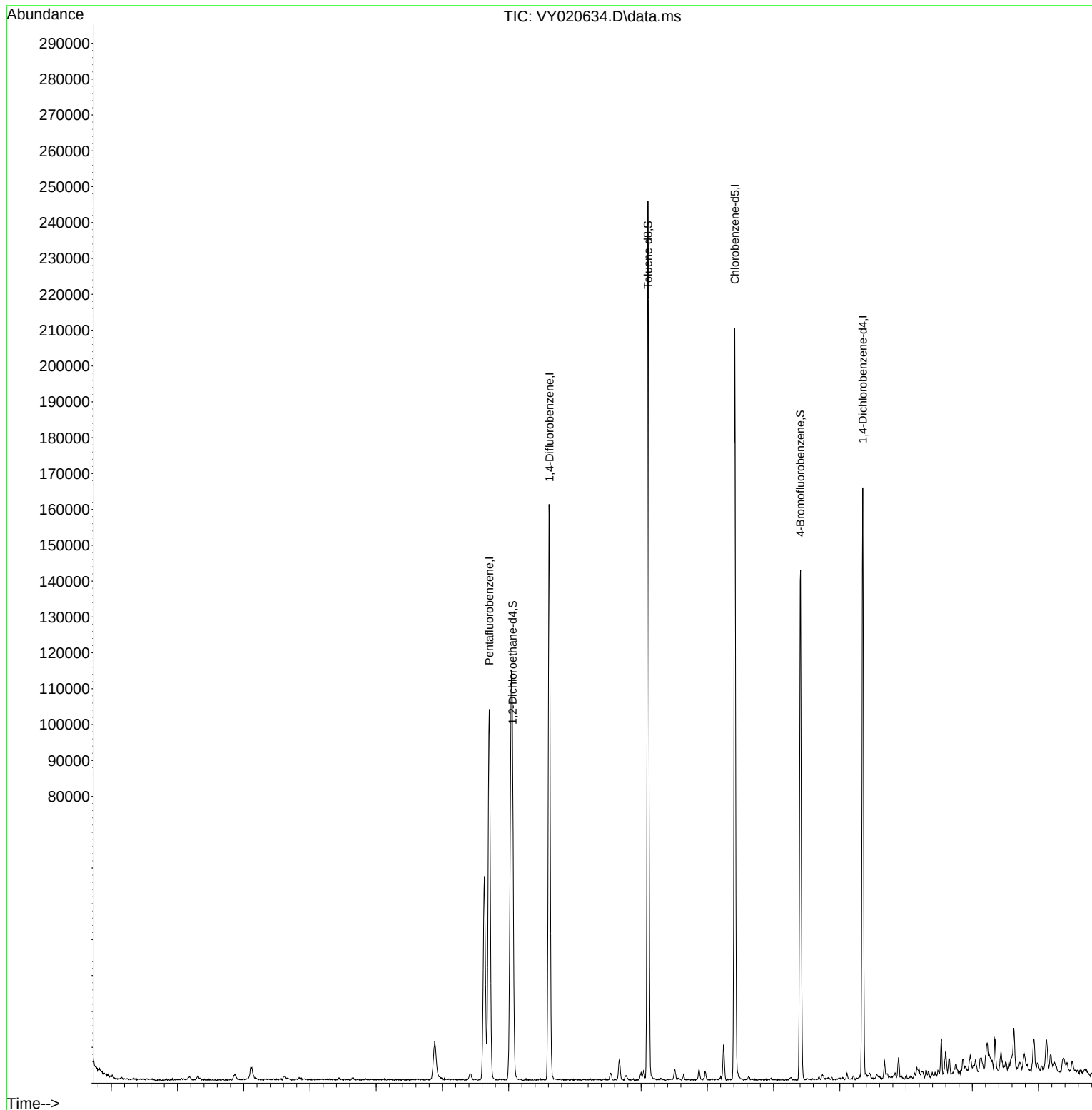
Internal Standards						
1) Pentafluorobenzene	7.707	168	79481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	134314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	106613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	40509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	43438	49.901	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.800%		
35) Dibromofluoromethane	7.634	113	39741	41.982	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.960%		
50) Toluene-d8	10.103	98	155602	46.963	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.920%		
62) 4-Bromofluorobenzene	12.401	95	44258	34.148	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	68.300%		
Target Compounds						
51) 4-Methyl-2-Pentanone	9.993	43	1729	2.131	ug/l	Qvalue 91

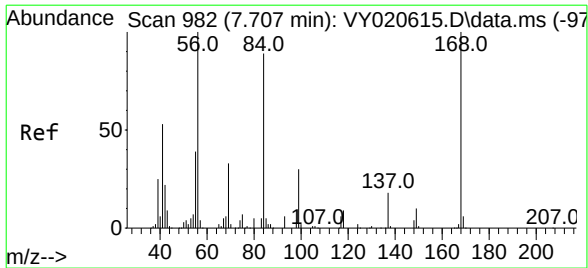
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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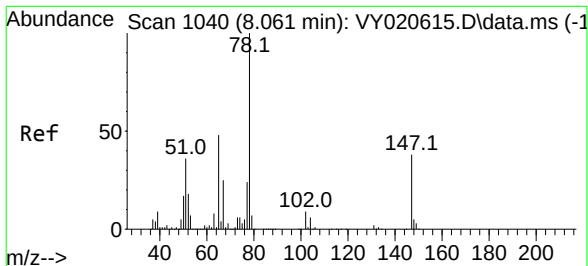
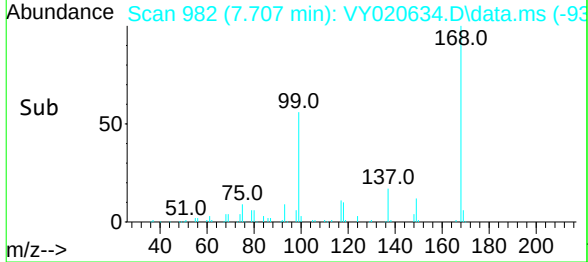
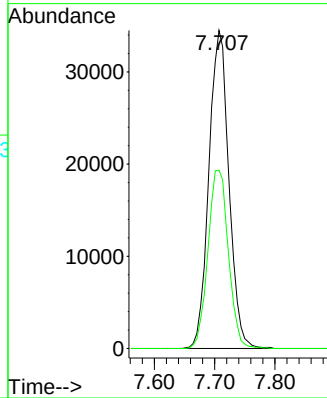
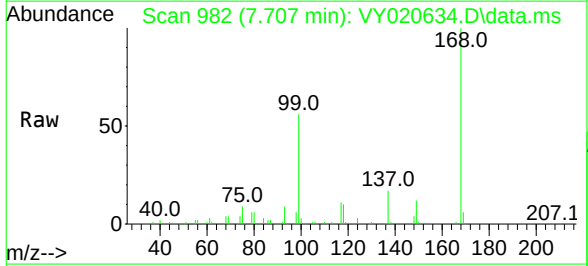




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020634.D
Acq: 18 Dec 2024 14:30

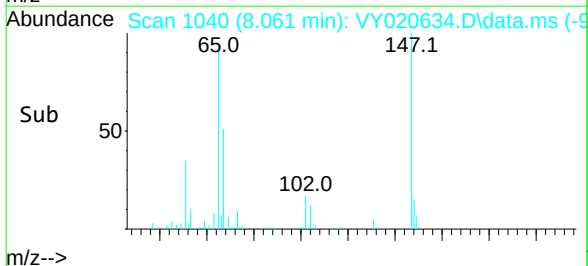
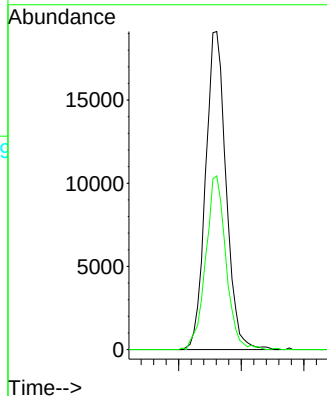
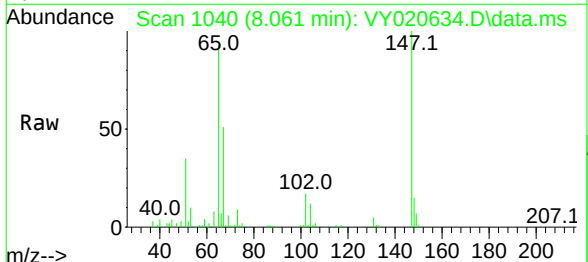
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-VNJ-222

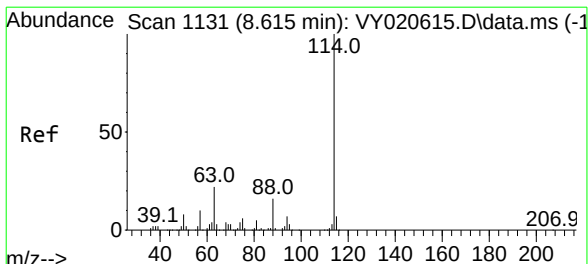
Tgt Ion:168 Resp: 79481
Ion Ratio Lower Upper
168 100
99 56.1 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 49.901 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020634.D
Acq: 18 Dec 2024 14:30

Tgt Ion: 65 Resp: 43438
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.0

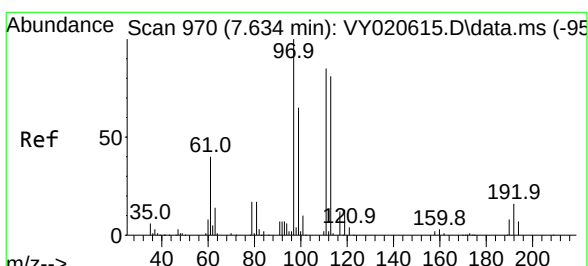
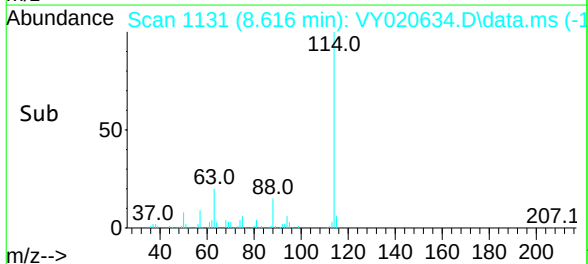
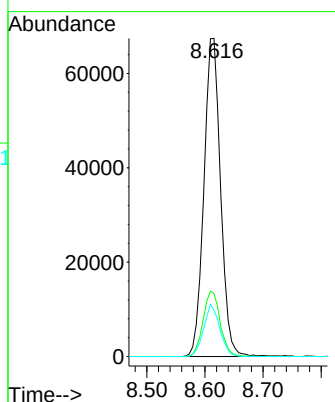
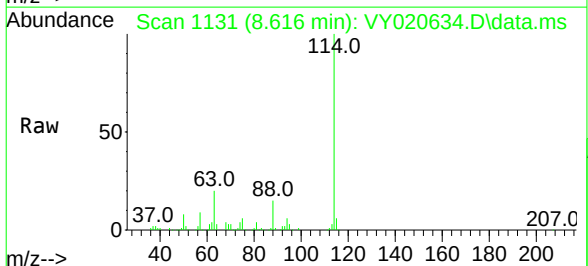




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020634.D
 Acq: 18 Dec 2024 14:30

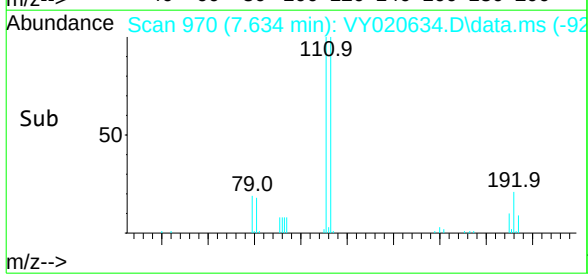
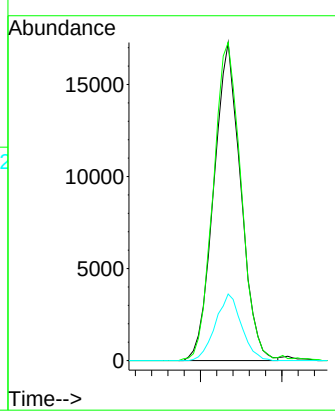
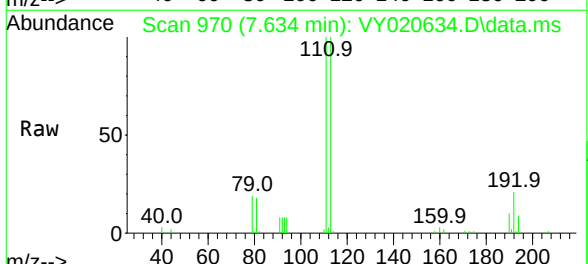
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-VNJ-222

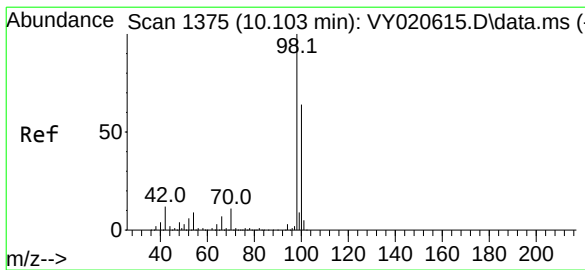
Tgt Ion:	114	Resp:	134314
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	44.0
88	14.5	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 41.982 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020634.D
 Acq: 18 Dec 2024 14:30

Tgt Ion:	113	Resp:	39741
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	20.2	15.7	23.5





#50

Toluene-d8

Concen: 46.963 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020634.D

Acq: 18 Dec 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

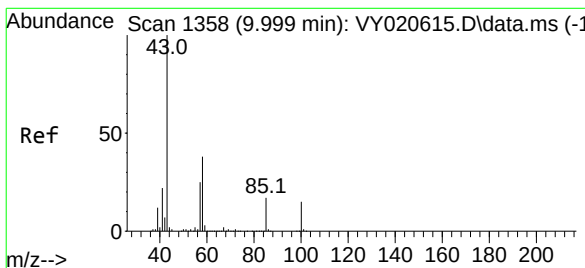
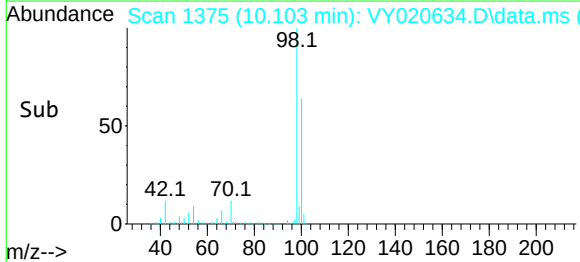
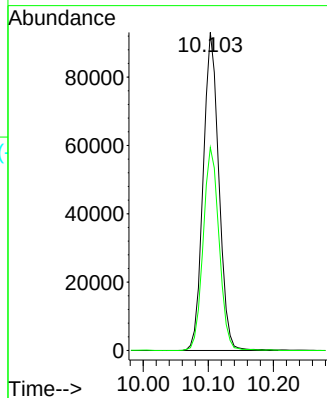
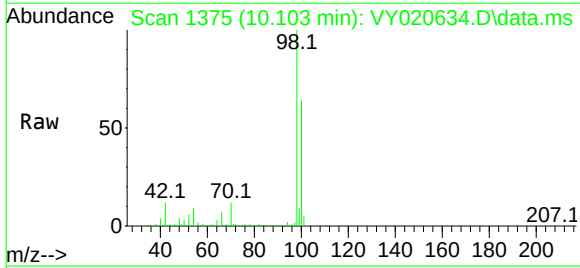
SOIL-VNJ-222

Tgt Ion: 98 Resp: 155602

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



#51

4-Methyl-2-Pentanone

Concen: 2.131 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY020634.D

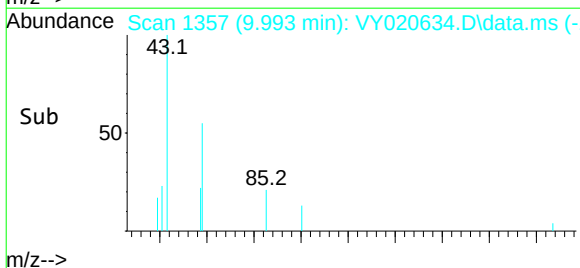
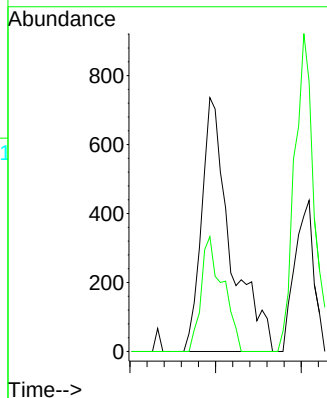
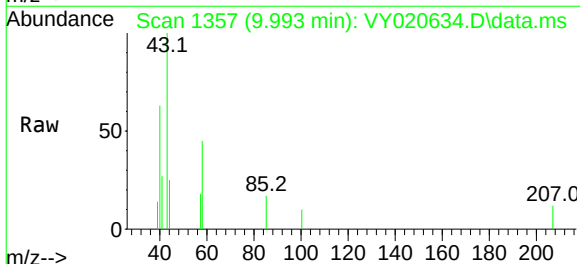
Acq: 18 Dec 2024 14:30

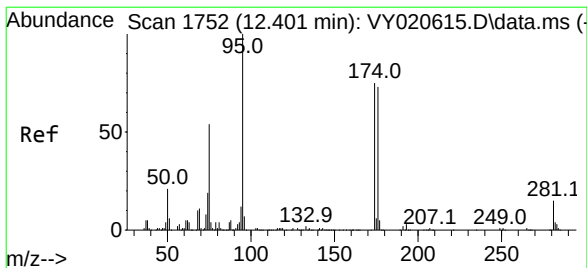
Tgt Ion: 43 Resp: 1729

Ion Ratio Lower Upper

43 100

58 34.1 31.4 47.2





#62

4-Bromofluorobenzene

Concen: 34.148 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020634.D

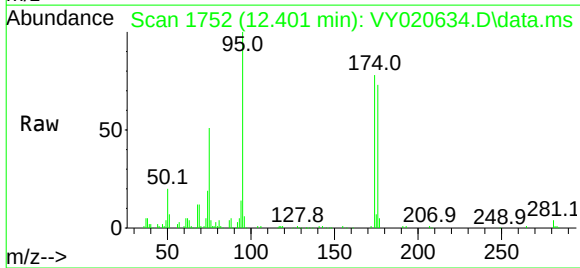
Acq: 18 Dec 2024 14:30

Instrument :

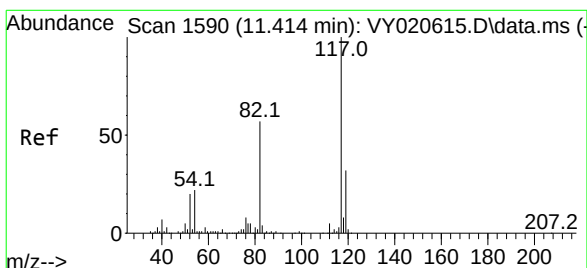
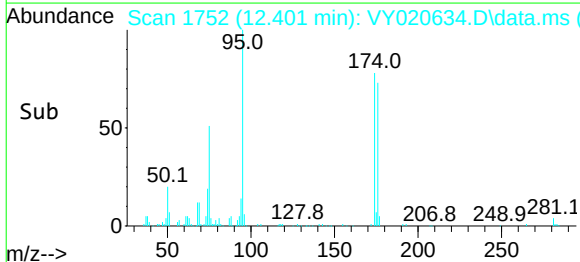
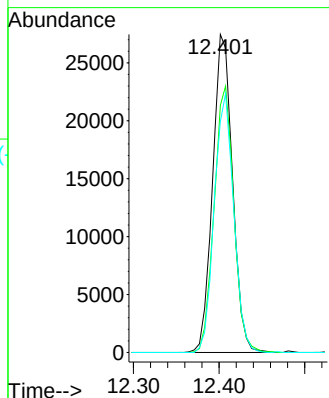
MSVOA_Y

ClientSampleId :

SOIL-VNJ-222



Tgt Ion:	95	Resp:	44258
Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	161.8
176	79.7	0.0	156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

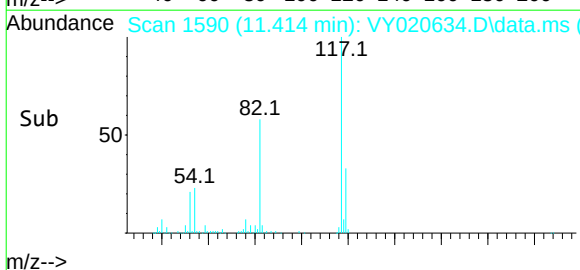
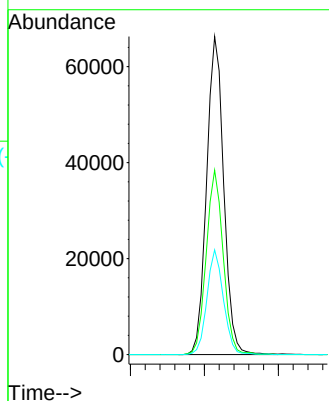
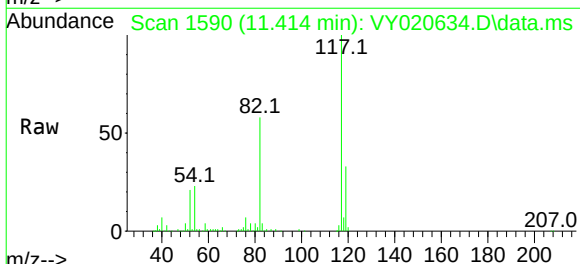
RT: 11.414 min Scan# 1590

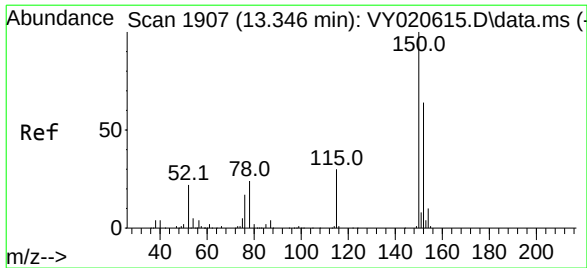
Delta R.T. 0.000 min

Lab File: VY020634.D

Acq: 18 Dec 2024 14:30

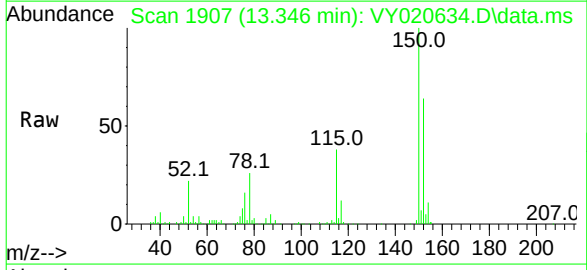
Tgt Ion:	117	Resp:	106613
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.8	68.6
119	32.9	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020634.D
 Acq: 18 Dec 2024 14:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-VNJ-222



Tgt Ion:	152	Resp:	40509
Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.2	90.6
150	159.5	0.0	355.4

