

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020650.D
 Acq On : 19 Dec 2024 13:15
 Operator : SY/MD
 Sample : P5312-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-VNJ-222RE

Quant Time: Dec 20 00:54:07 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)

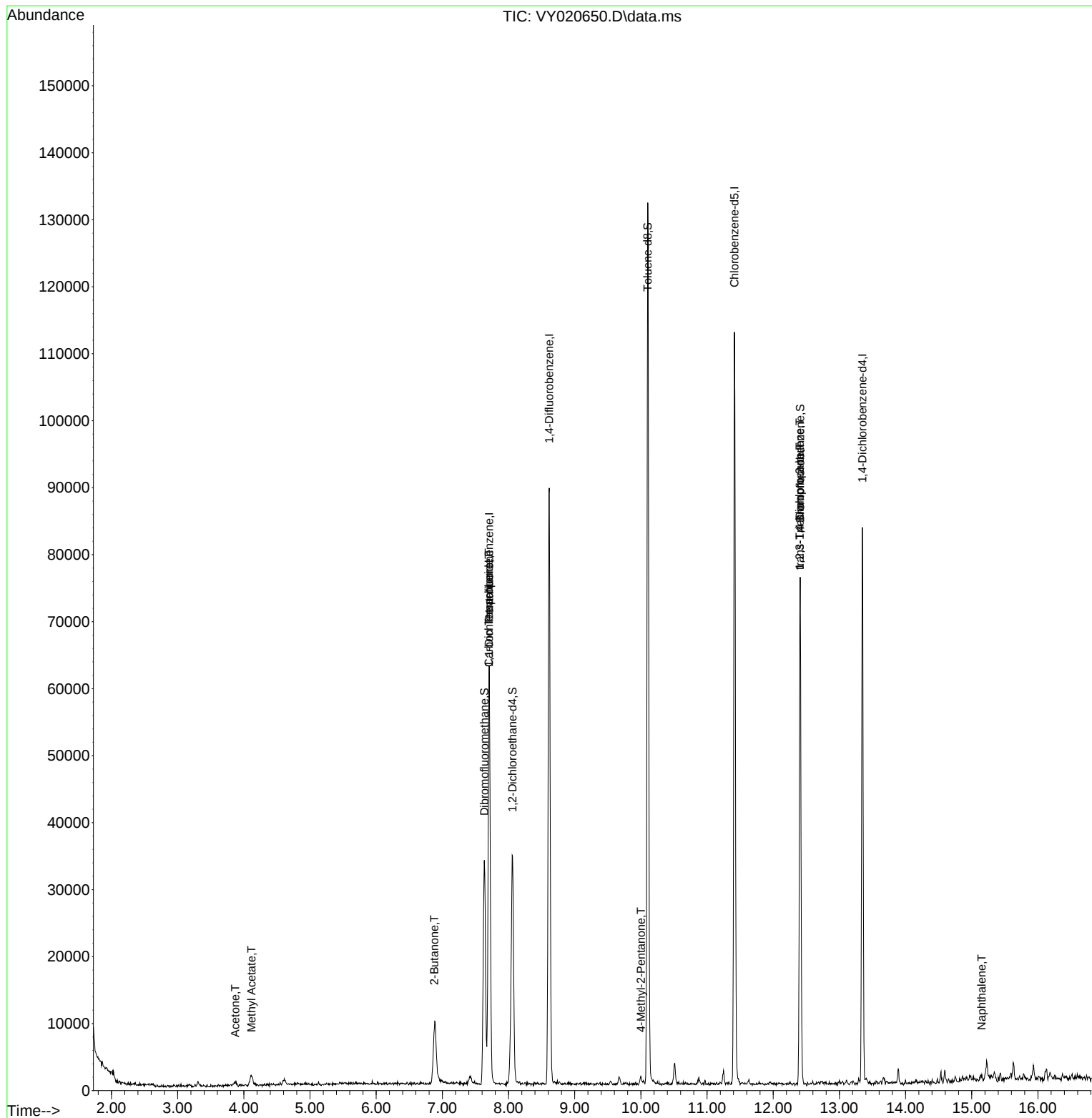
Internal Standards						
1) Pentafluorobenzene	7.707	168	47287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	76408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	60416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	21059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	25075	48.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.840%
35) Dibromofluoromethane	7.634	113	24243	45.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.040%
50) Toluene-d8	10.103	98	89099	47.271	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.408	95	24279	32.930	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	65.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	19	Below Cal	#	75
16) Acetone	3.873	43	1042	3.789	ug/l #	83
18) Methyl Acetate	4.116	43	439	1.246	ug/l #	51
25) 2-Butanone	6.878	43	711	3.694	ug/l #	49
30) Chloroform	7.421	83	1124	Below Cal		96
36) 1,1-Dichloropropene	7.701	75	3830	3.900	ug/l #	49
38) Carbon Tetrachloride	7.701	117	4896	4.507	ug/l #	16
51) 4-Methyl-2-Pentanone	10.000	43	758	1.642	ug/l	92
76) 1,2,3-Trichloropropane	12.402	75	12098	55.302	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	12098	116.081	ug/l #	12
95) Naphthalene	15.151	128	824	1.161	ug/l #	69

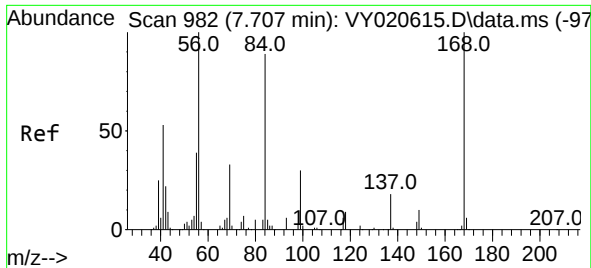
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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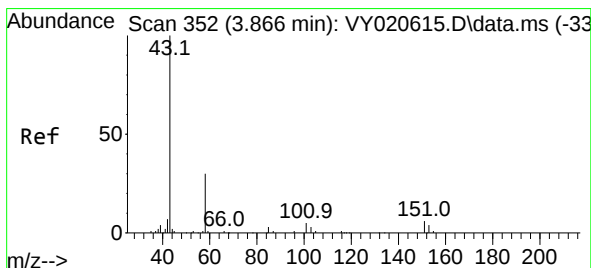
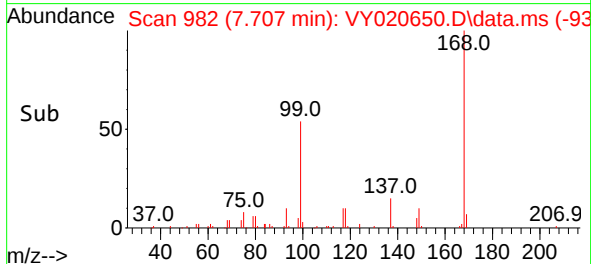
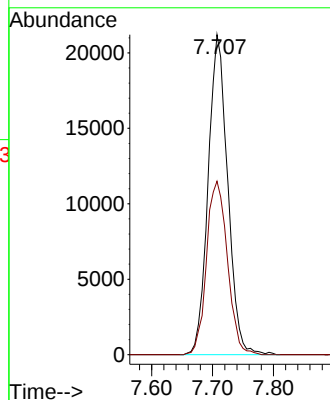
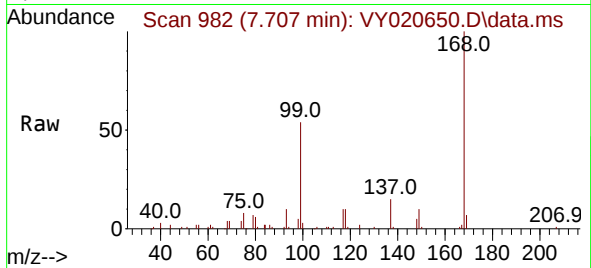




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

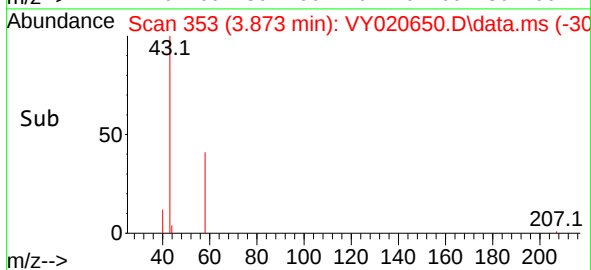
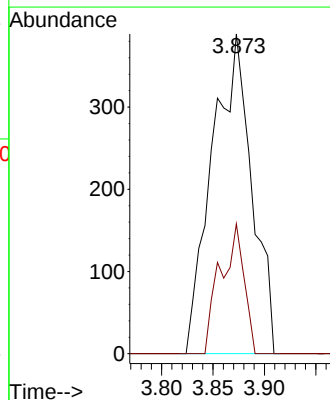
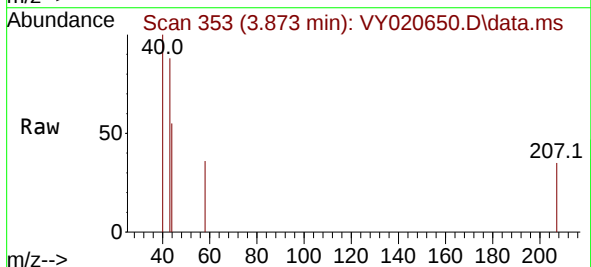
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-VNJ-222RE

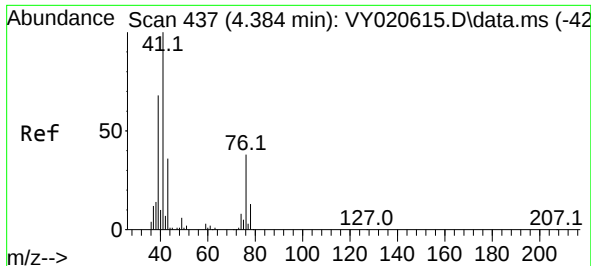
Tgt Ion:168 Resp: 47287
Ion Ratio Lower Upper
168 100
99 54.2 47.0 70.6



#16
Acetone
Concen: 3.789 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

Tgt Ion: 43 Resp: 1042
Ion Ratio Lower Upper
43 100
58 40.6 25.0 37.6#

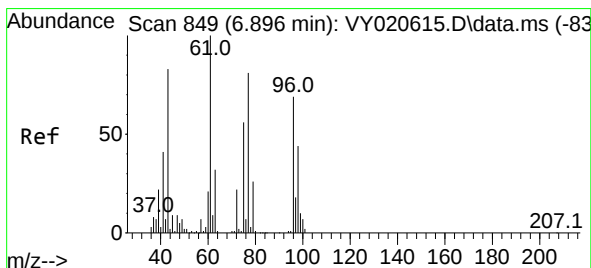
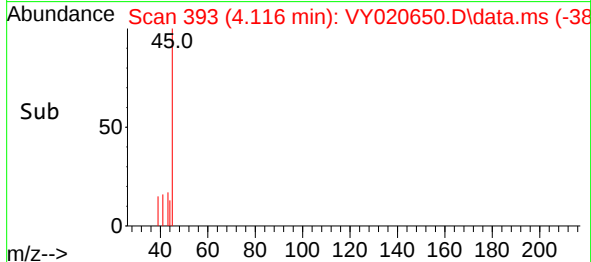
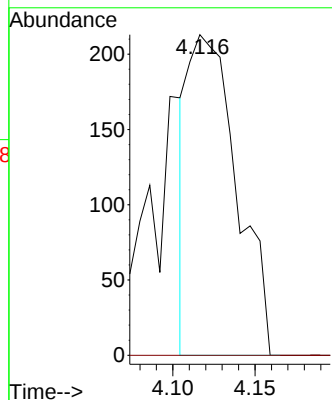
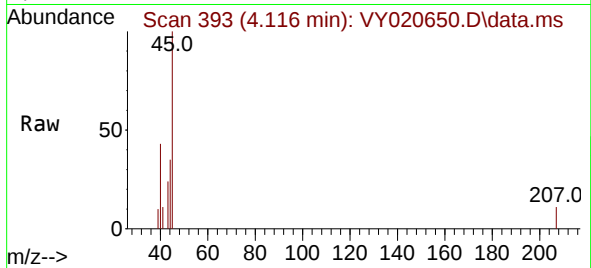




#18
Methyl Acetate
Concen: 1.246 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.268 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

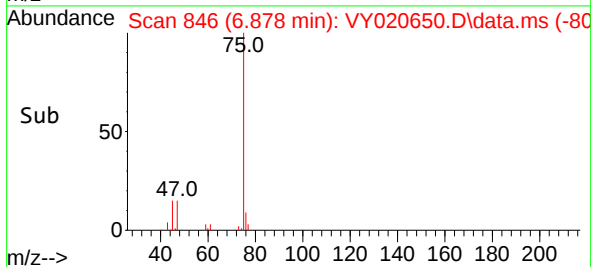
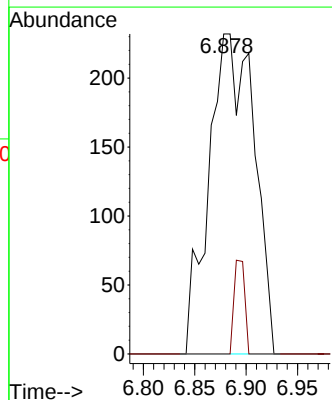
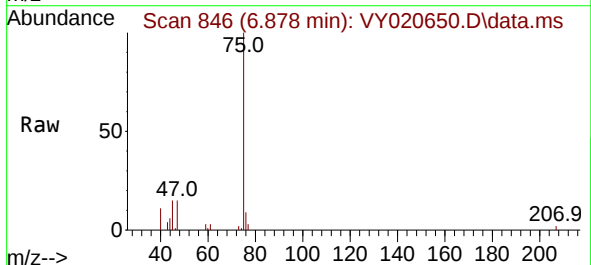
Instrument :
MSVOA_Y
ClientSampleId :
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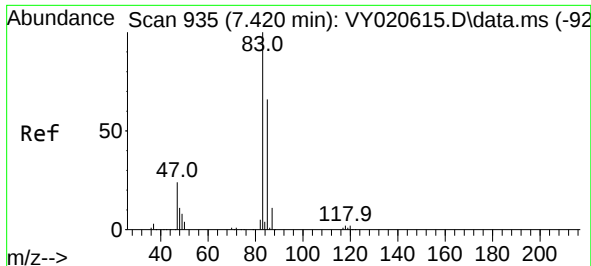
Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#25
2-Butanone
Concen: 3.694 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#

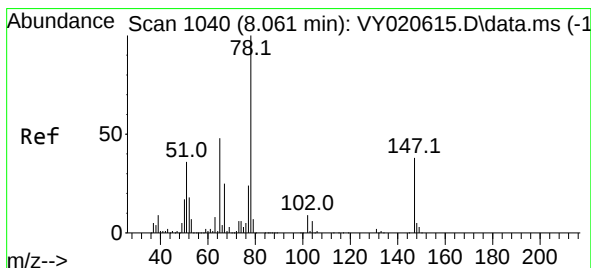
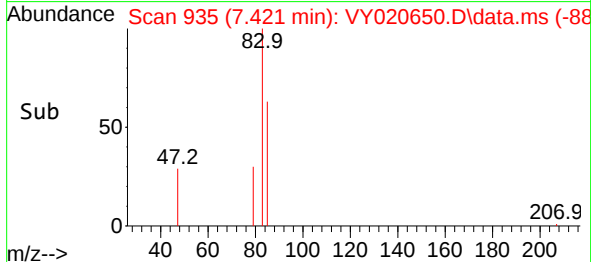
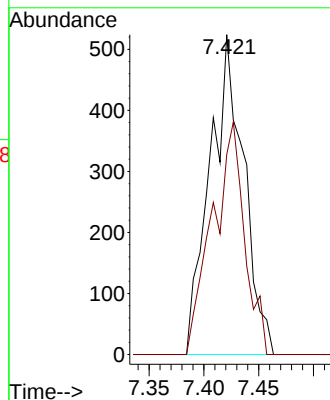
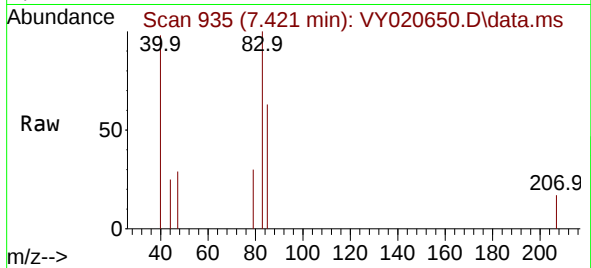




#30
Chloroform
Concen: Below Cal
RT: 7.421 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

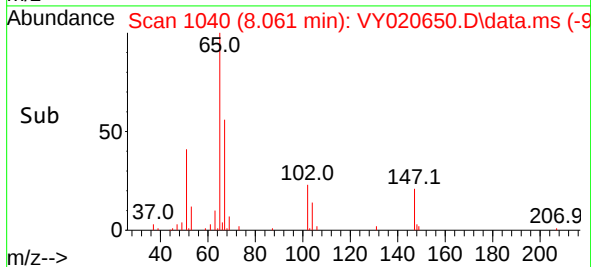
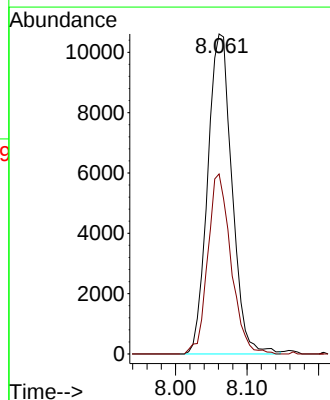
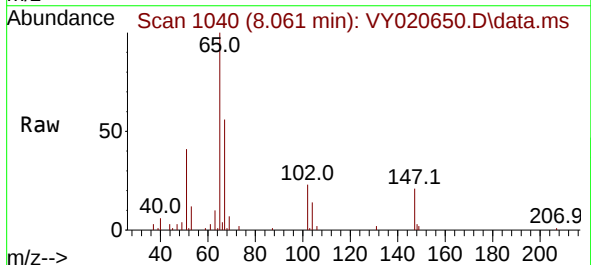
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-VNJ-222RE

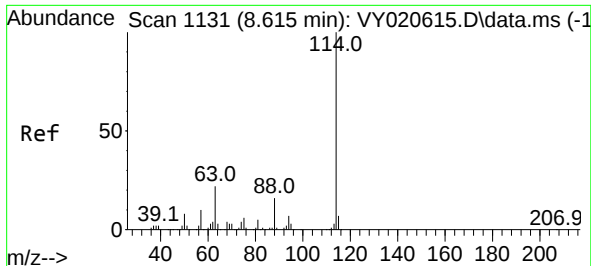
Tgt Ion: 83 Resp: 1124
Ion Ratio Lower Upper
83 100
85 62.6 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 48.417 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

Tgt Ion: 65 Resp: 25075
Ion Ratio Lower Upper
65 100
67 53.7 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: VY020650.D

Acq: 19 Dec 2024 13:15

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-VNJ-222RE

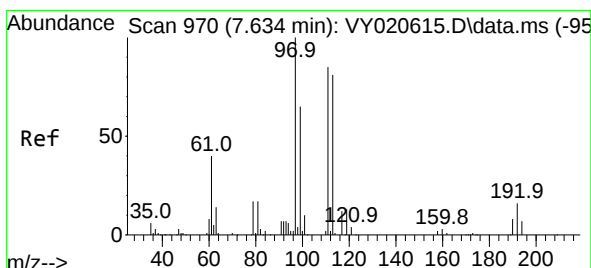
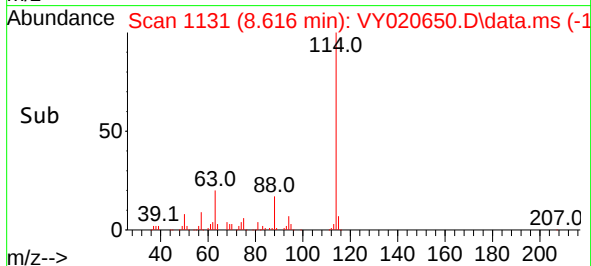
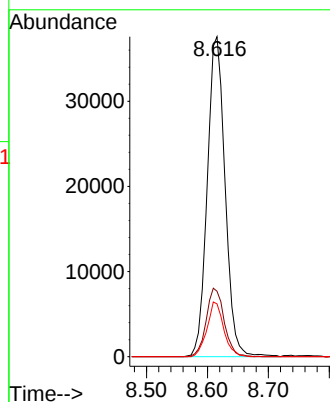
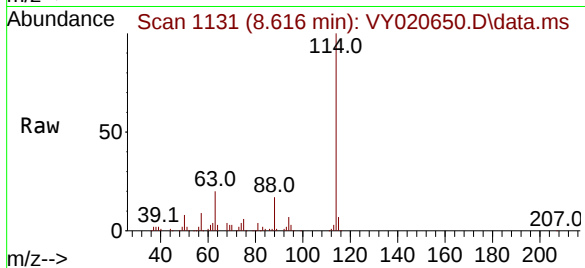
Tgt Ion:114 Resp: 76408

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.0

88 16.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.019 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020650.D

Acq: 19 Dec 2024 13:15

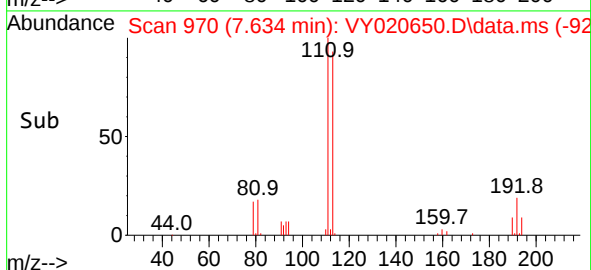
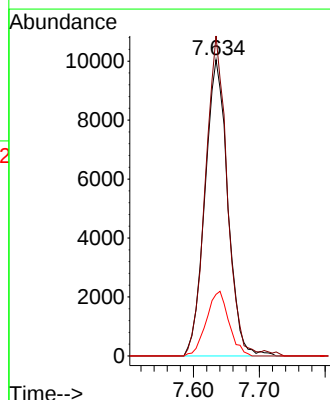
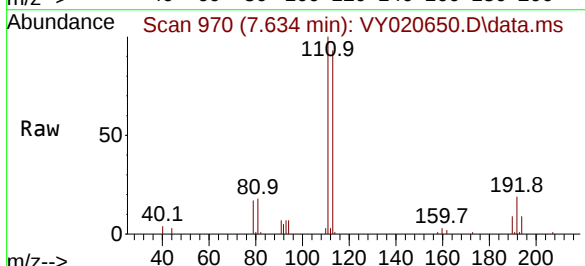
Tgt Ion:113 Resp: 24243

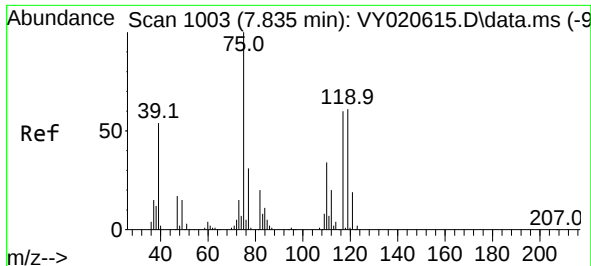
Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 21.6 15.7 23.5

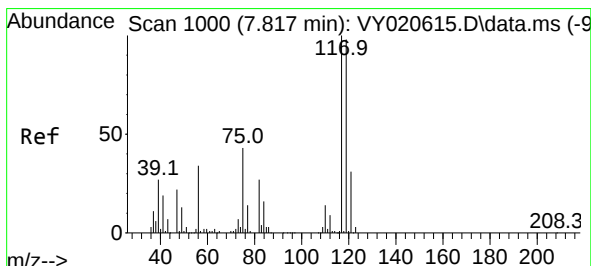
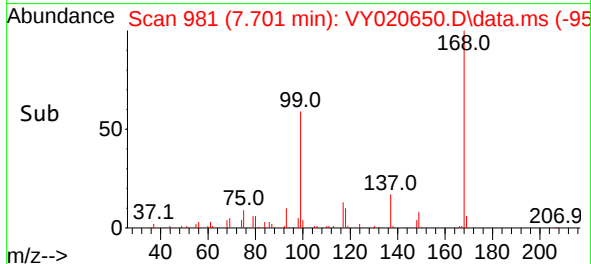
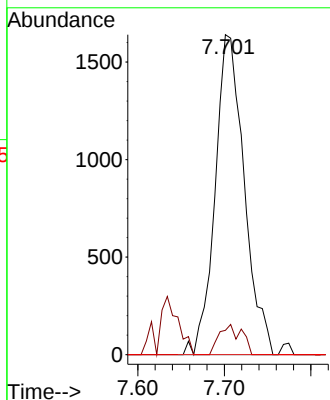
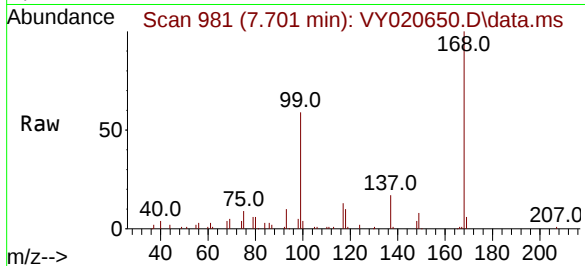




#36
1,1-Dichloropropene
Concen: 3.900 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

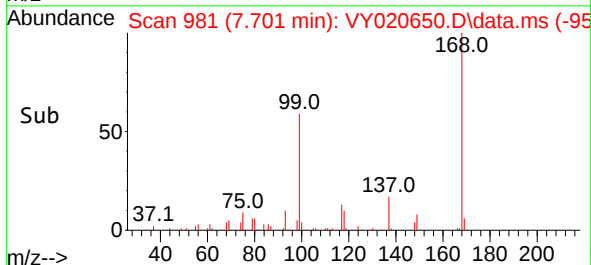
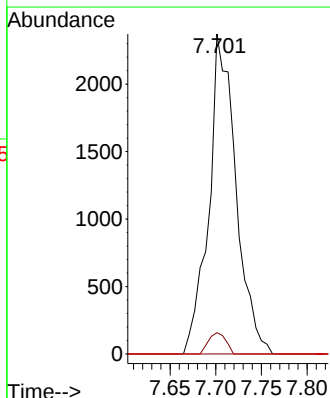
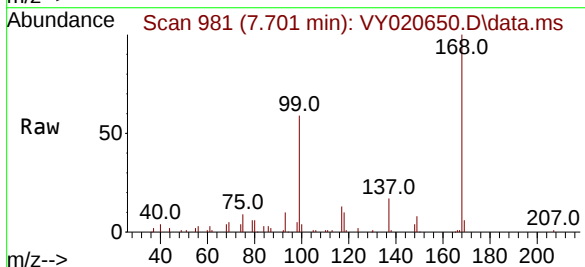
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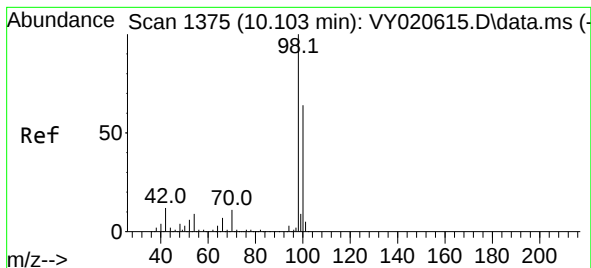
Tgt Ion: 75 Resp: 3830
Ion Ratio Lower Upper
75 100
110 7.3 16.8 50.4#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 4.507 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.115 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

Tgt Ion: 117 Resp: 4896
Ion Ratio Lower Upper
117 100
119 6.7 78.3 117.5#
121 0.0 25.1 37.7#

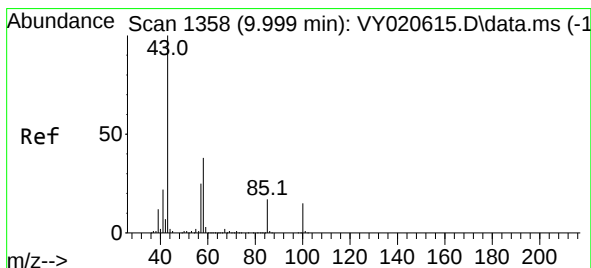
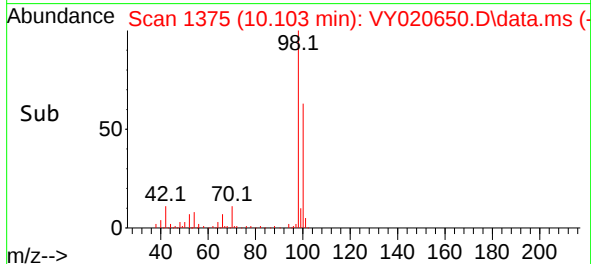
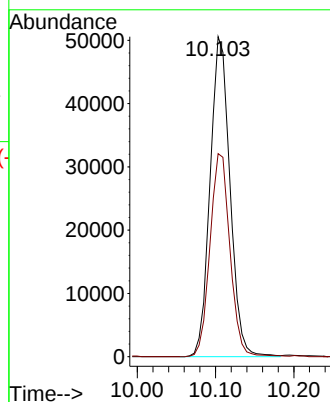
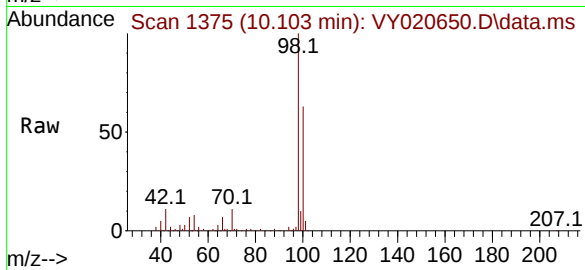




#50
Toluene-d8
Concen: 47.271 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

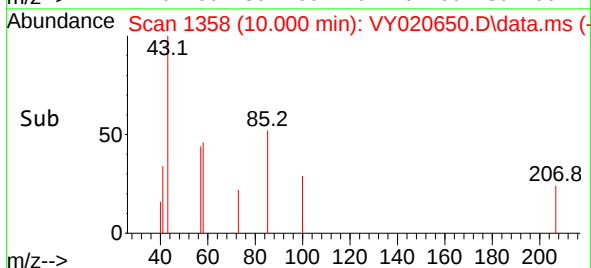
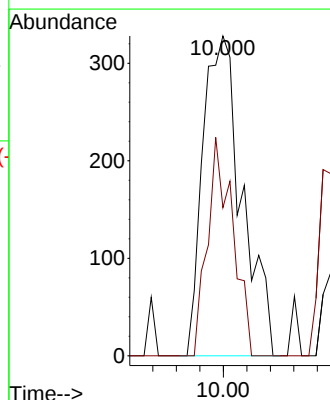
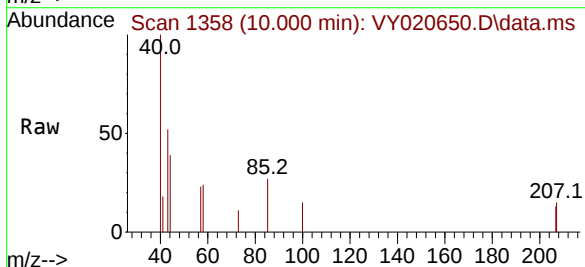
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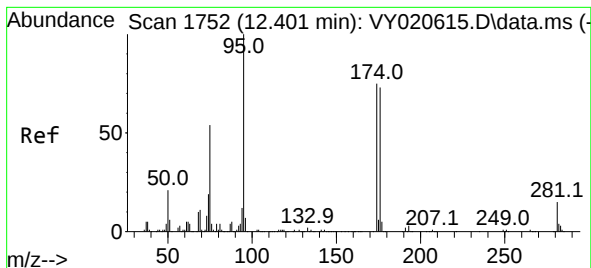
Tgt Ion: 98 Resp: 89099
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.642 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 44.1 31.4 47.2

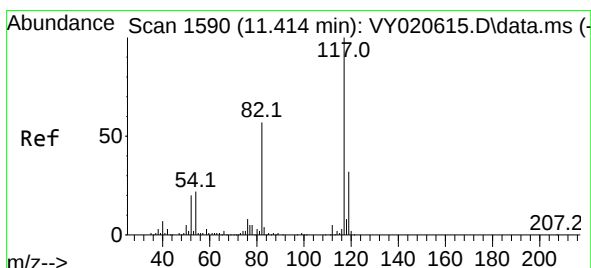
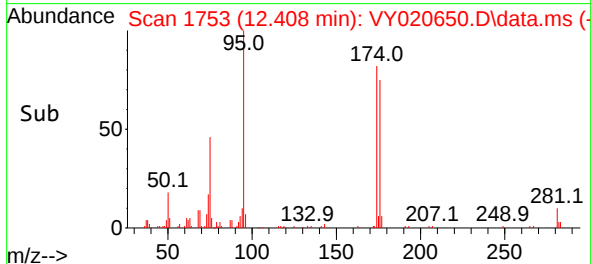
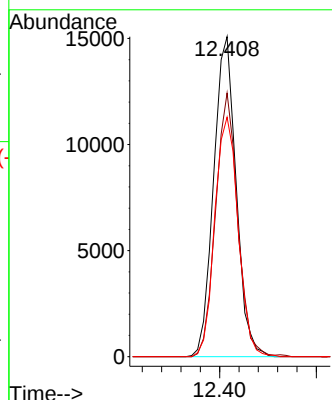
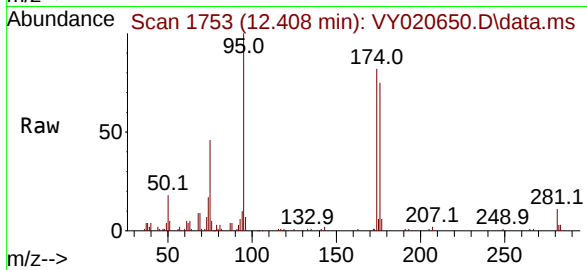




#62
4-Bromofluorobenzene
Concen: 32.930 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

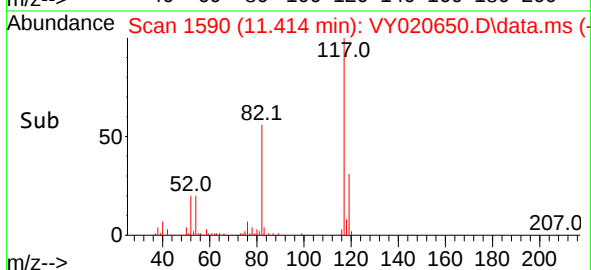
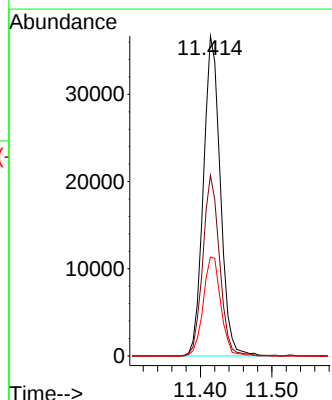
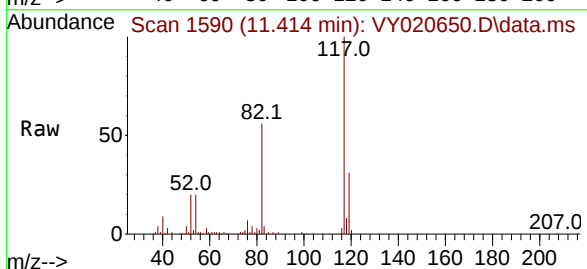
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-VNJ-222RE

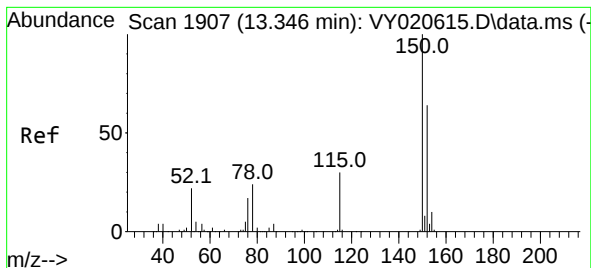
Tgt Ion:	95	Resp:	24279
Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	161.8
176	77.7	0.0	156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

Tgt Ion:	117	Resp:	60416
Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.8	68.6
119	30.9	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020650.D

Acq: 19 Dec 2024 13:15

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-VNJ-222RE

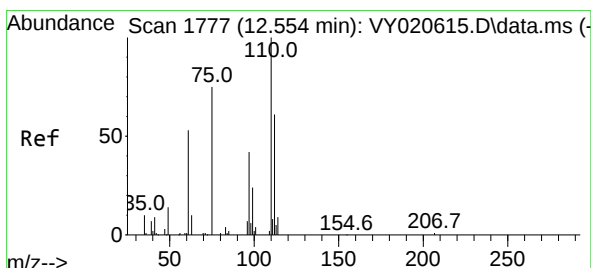
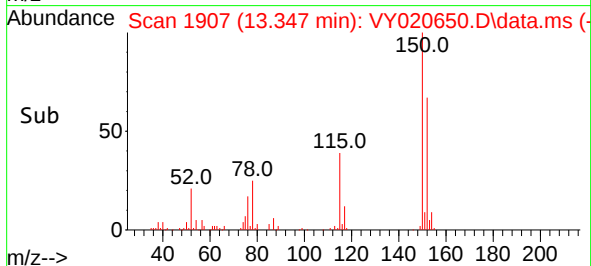
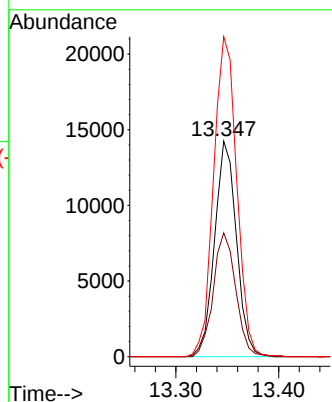
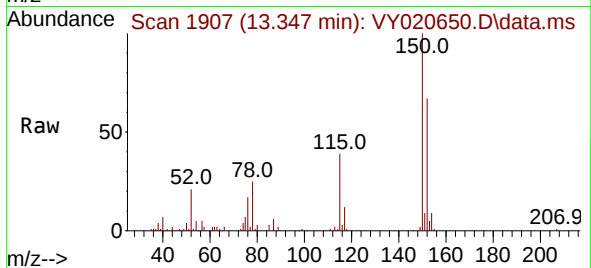
Tgt Ion:152 Resp: 21059

Ion Ratio Lower Upper

152 100

115 59.0 30.2 90.6

150 156.9 0.0 355.4



#76

1,2,3-Trichloropropane

Concen: 55.302 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY020650.D

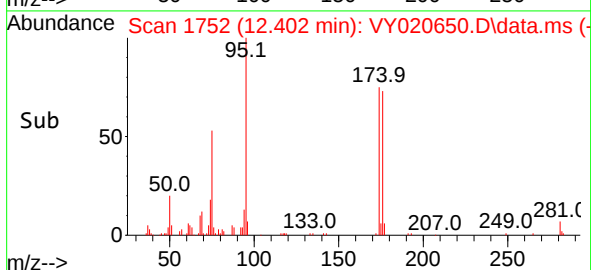
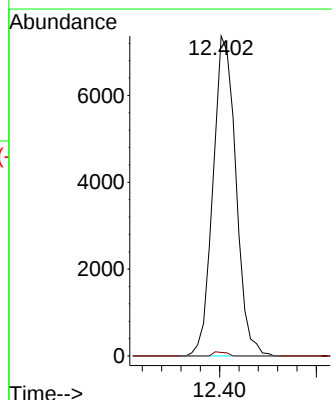
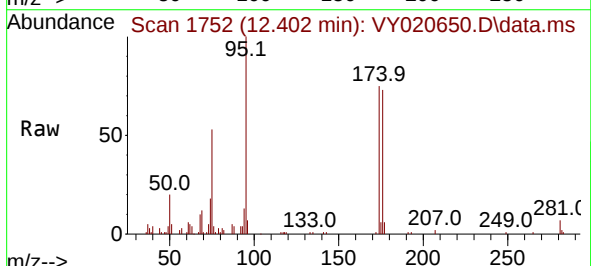
Acq: 19 Dec 2024 13:15

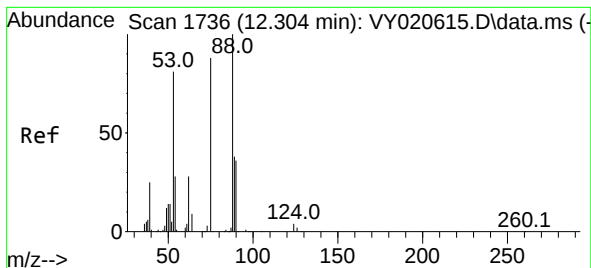
Tgt Ion: 75 Resp: 12098

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#

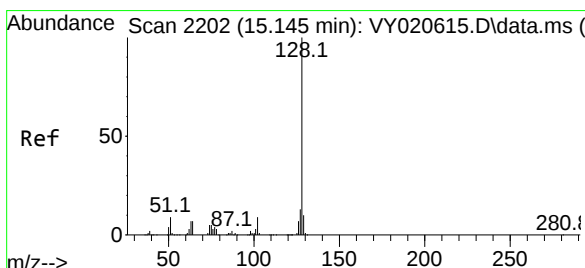
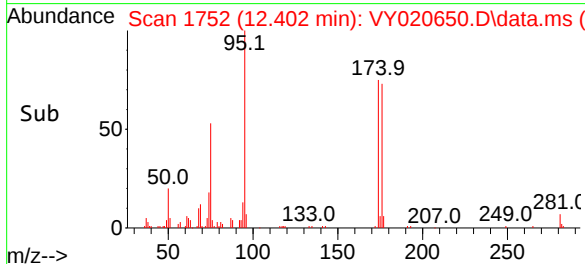
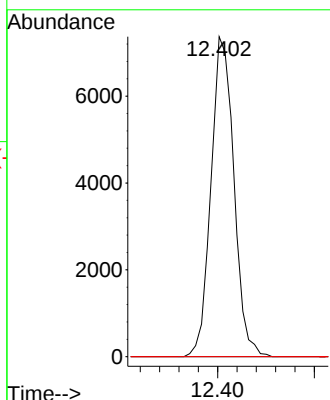
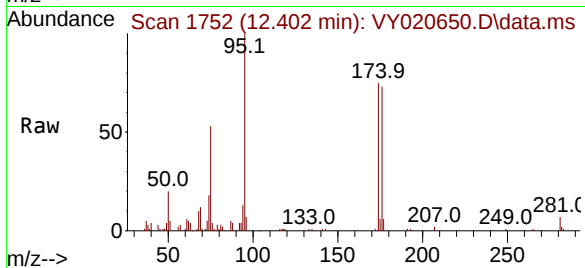




#81
trans-1,4-Dichloro-2-butene
Concen: 116.081 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-VNJ-222RE

Tgt Ion: 75 Resp: 12098
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 1.161 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY020650.D
Acq: 19 Dec 2024 13:15

Tgt Ion: 128 Resp: 824
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.5 12.7#

