

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017853.D
 Acq On : 04 Apr 2024 14:45
 Operator : SY/MD
 Sample : P1974-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1RE

Quant Time: Apr 05 00:47:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

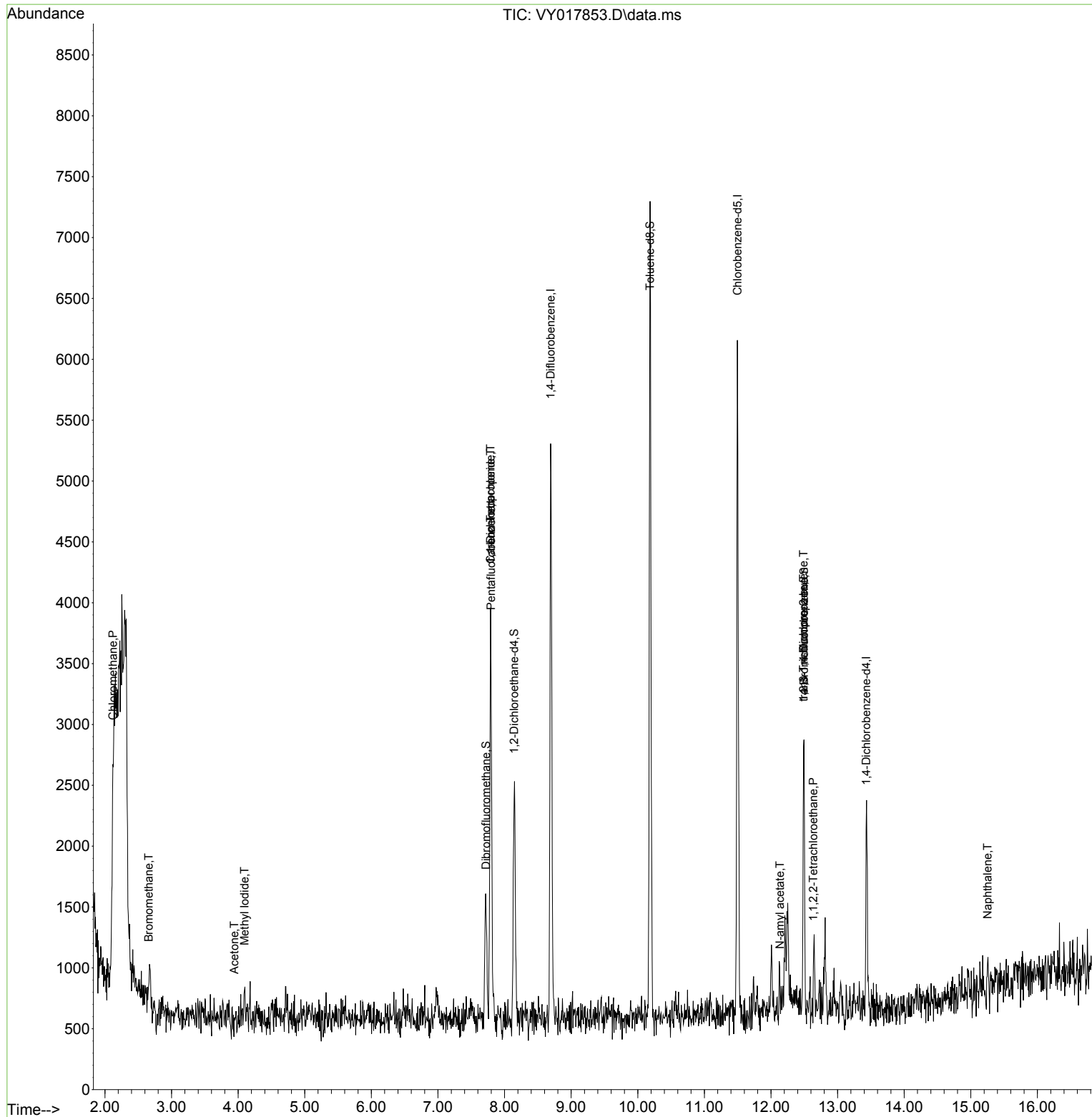
Internal Standards						
1) Pentafluorobenzene	7.795	168	2722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1514	64.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.560%	
35) Dibromofluoromethane	7.722	113	863	31.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 63.740%	
50) Toluene-d8	10.185	98	4876	48.207	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.420%	
62) 4-Bromofluorobenzene	12.496	95	815	26.483	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 52.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	185	5.207	ug/l #	43
5) Bromomethane	2.656	94	225	5.993	ug/l #	3
10) Methyl Iodide	4.095	142	167	5.655	ug/l #	42
16) Acetone	3.942	43	25	5.135	ug/l #	36
20) Methylene Chloride	4.716	84	71	Below Cal	#	12
36) 1,1-Dichloropropene	7.789	75	219	5.543	ug/l #	40
38) Carbon Tetrachloride	7.789	117	288	7.022	ug/l #	13
74) N-amyl acetate	12.136	43	72	10.941	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.636	83	38	5.628	ug/l #	26
76) 1,2,3-Trichloropropane	12.489	75	407	80.186	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	407	141.898	ug/l #	16
95) Naphthalene	15.251	128	77	7.371	ug/l #	69

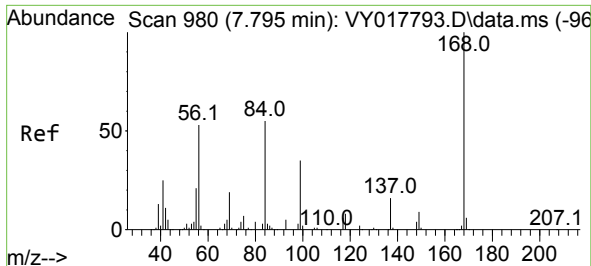
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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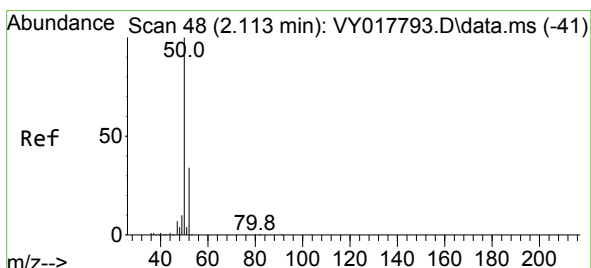
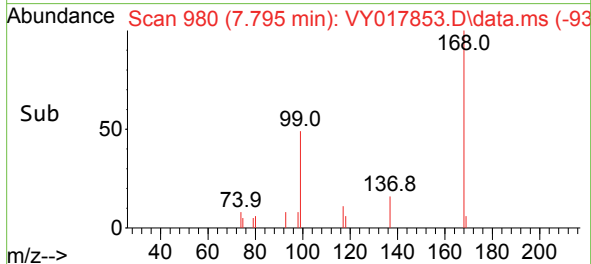
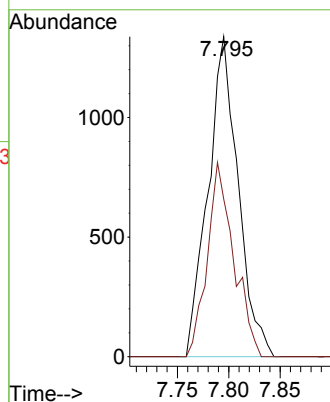
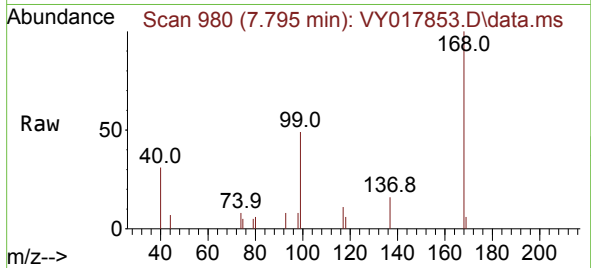




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

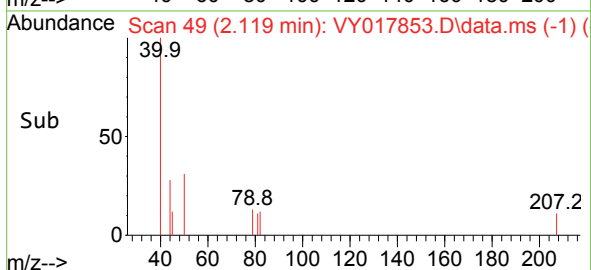
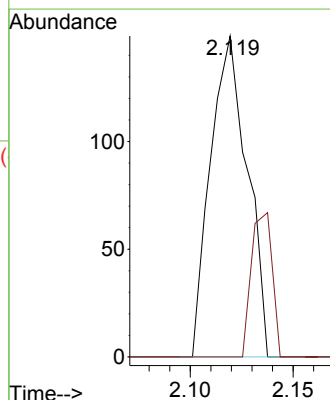
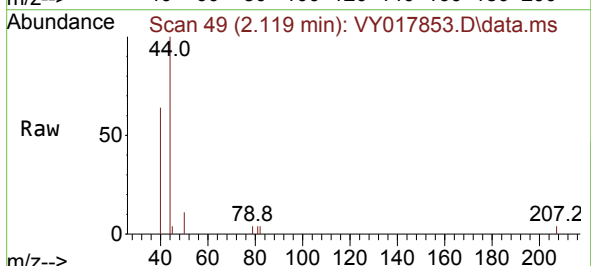
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1RE

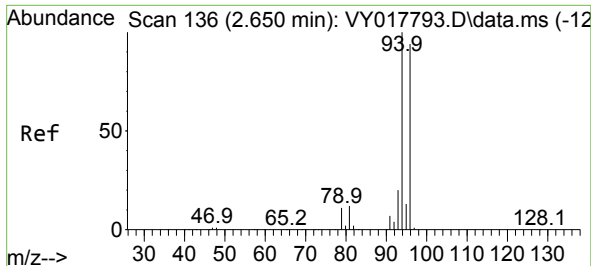
Tgt Ion:168 Resp: 2722
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#3
Chloromethane
Concen: 5.207 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

Tgt Ion: 50 Resp: 185
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#





#5

Bromomethane

Concen: 5.993 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017853.D

Acq: 04 Apr 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

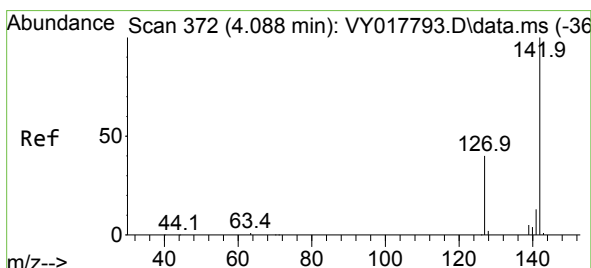
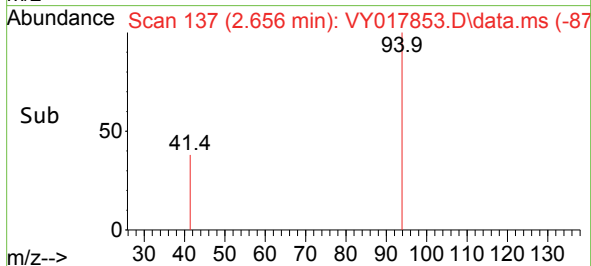
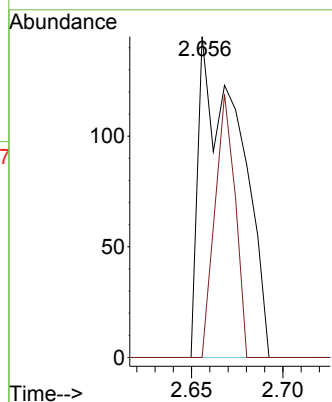
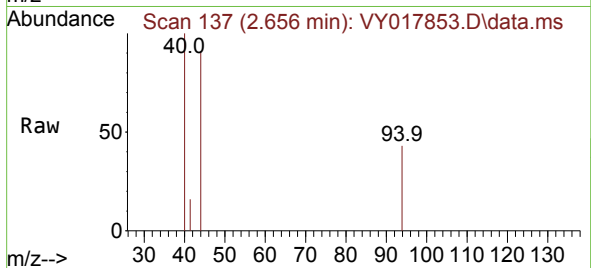
SOIL-1RE

Tgt Ion: 94 Resp: 225

Ion Ratio Lower Upper

94 100

96 0.0 74.1 111.1#



#10

Methyl Iodide

Concen: 5.655 ug/l

RT: 4.095 min Scan# 373

Delta R.T. 0.007 min

Lab File: VY017853.D

Acq: 04 Apr 2024 14:45

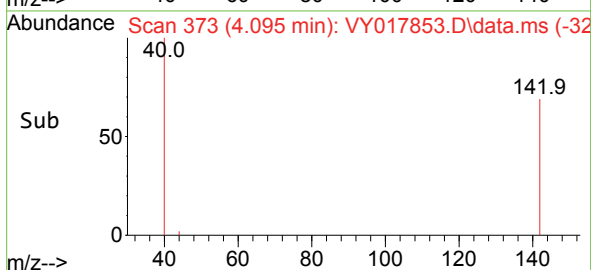
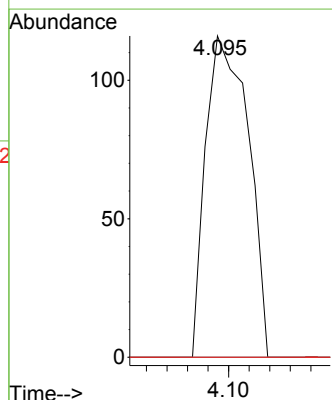
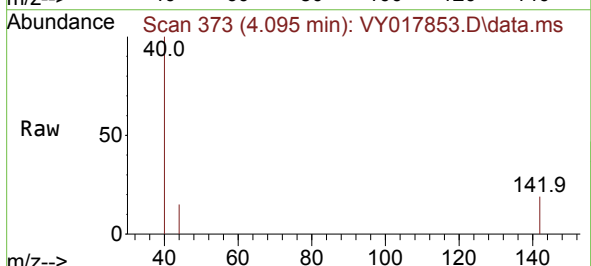
Tgt Ion: 142 Resp: 167

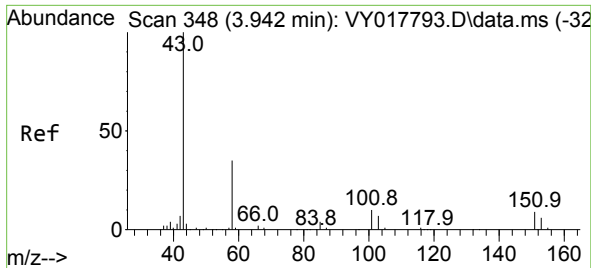
Ion Ratio Lower Upper

142 100

127 0.0 32.8 49.2#

141 0.0 11.4 17.2#

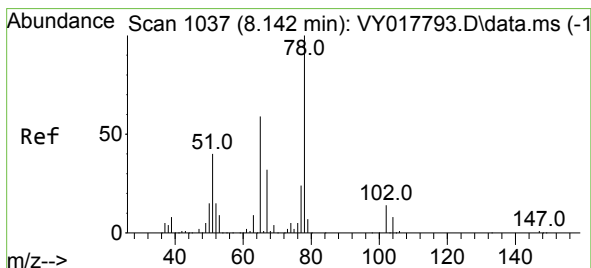
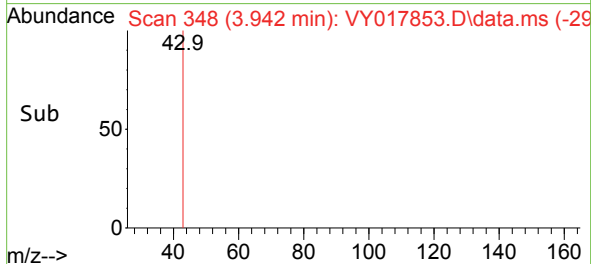
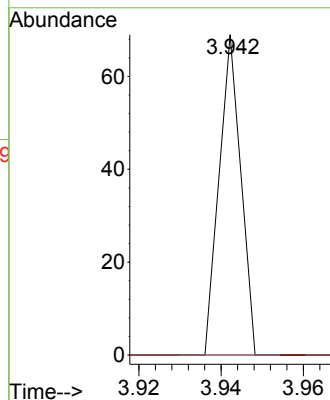
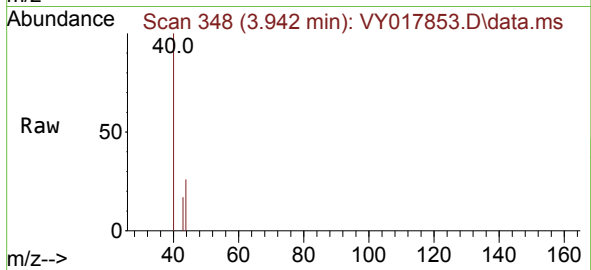




#16
Acetone
Concen: 5.135 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

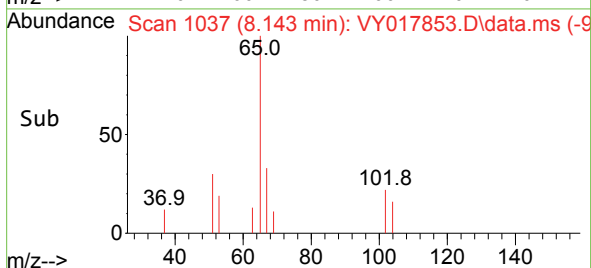
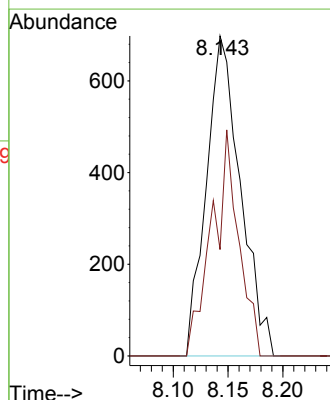
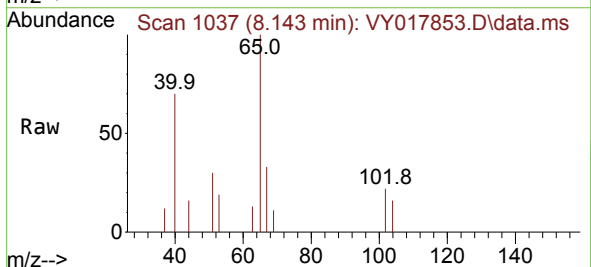
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1RE

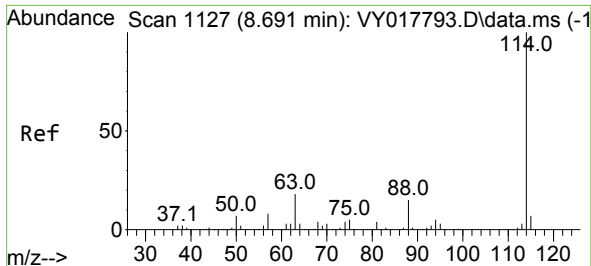
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#33
1,2-Dichloroethane-d4
Concen: 64.277 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

Tgt Ion: 65 Resp: 1514
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6

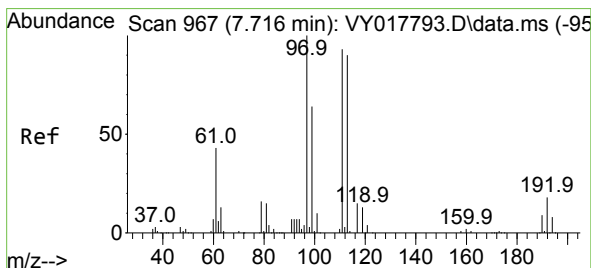
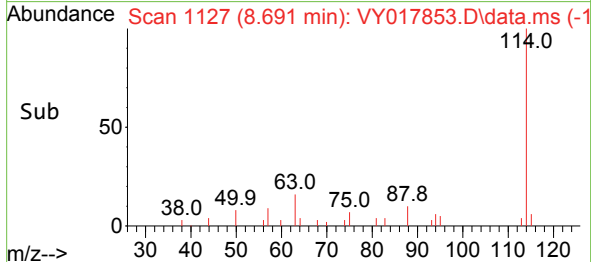
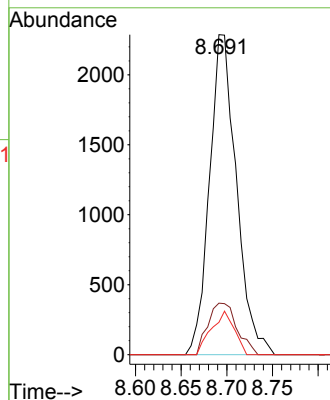
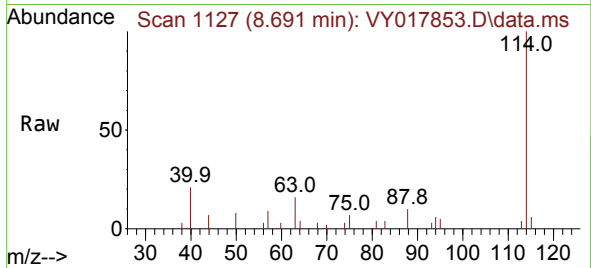




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

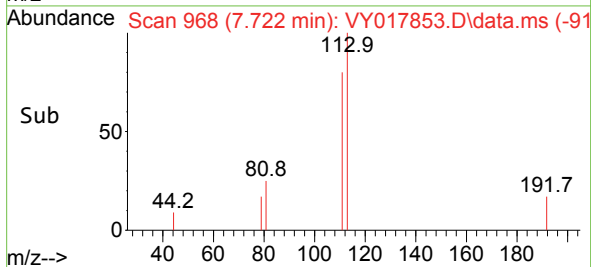
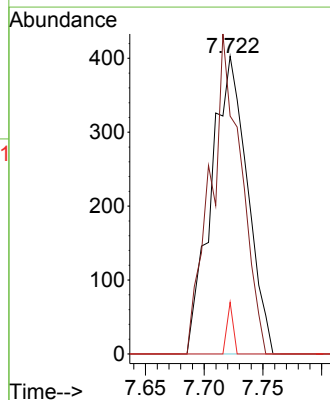
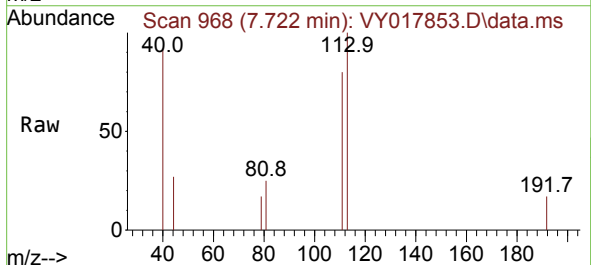
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1RE

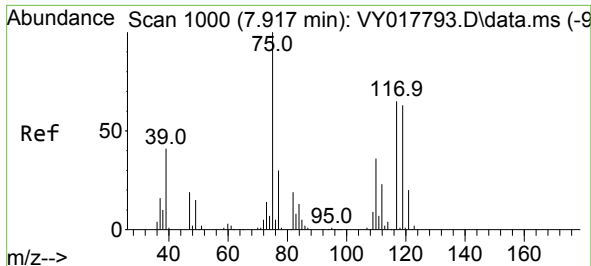
Tgt Ion:114	Resp:	4686
Ion Ratio	Lower	Upper
114	100	
63	16.1	0.0 35.0
88	10.1	0.0 27.2



#35
Dibromofluoromethane
Concen: 31.871 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

Tgt Ion:113	Resp:	863
Ion Ratio	Lower	Upper
113	100	
111	91.0	82.2 123.4
192	3.0	15.9 23.9

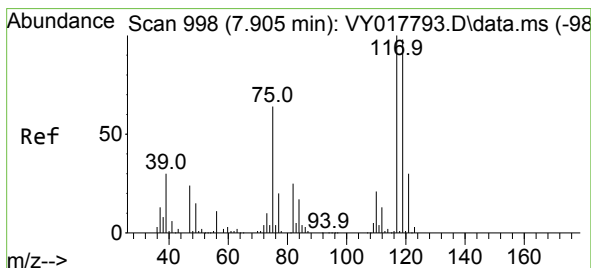
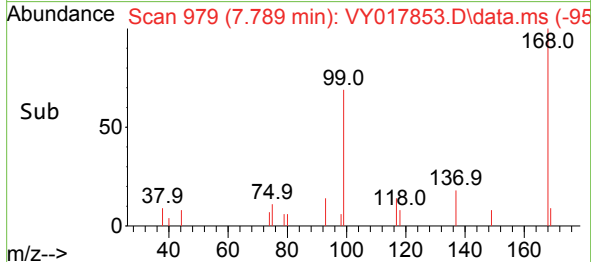
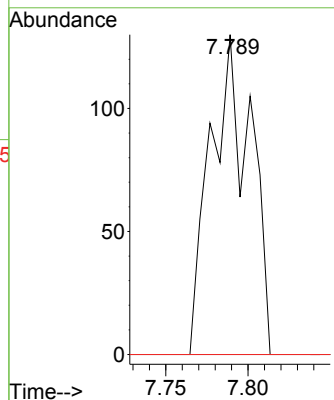
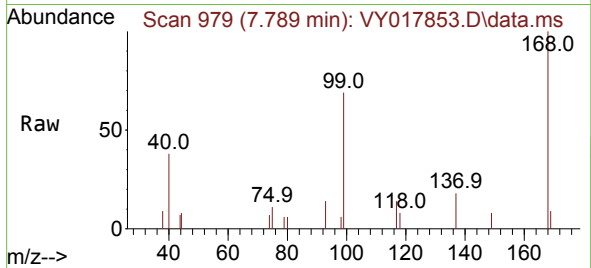




#36
1,1-Dichloropropene
Concen: 5.543 ug/l
RT: 7.789 min Scan# 919
Delta R.T. -0.128 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

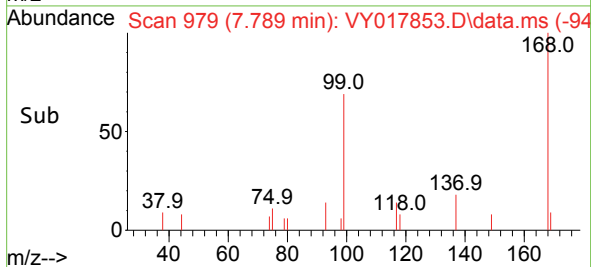
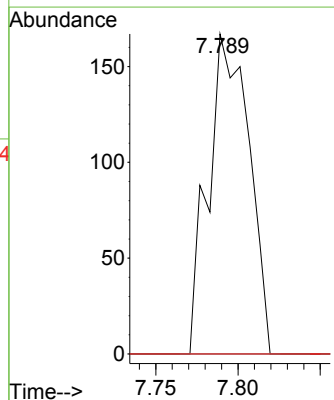
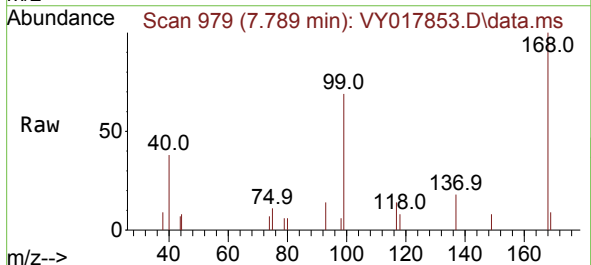
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1RE

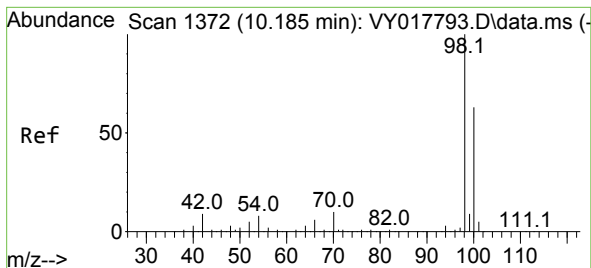
Tgt Ion: 75 Resp: 219
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.022 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

Tgt Ion: 117 Resp: 288
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 48.207 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017853.D

Acq: 04 Apr 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

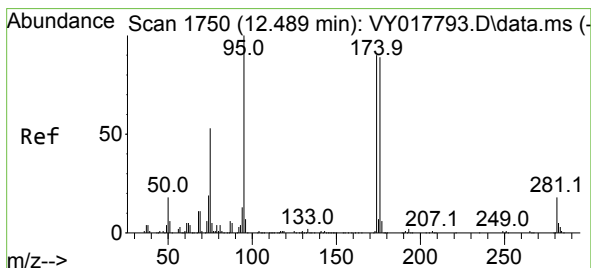
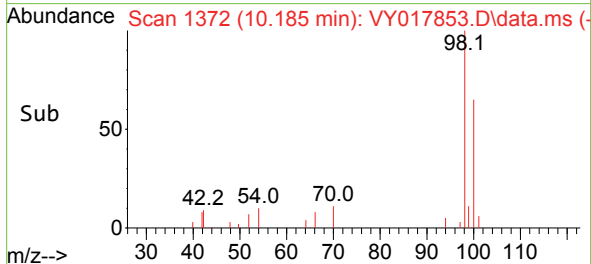
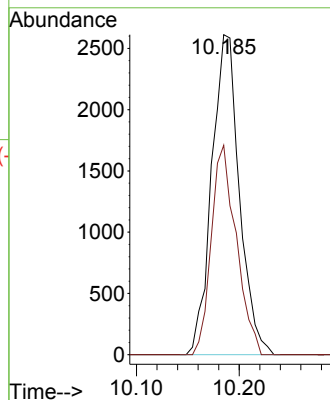
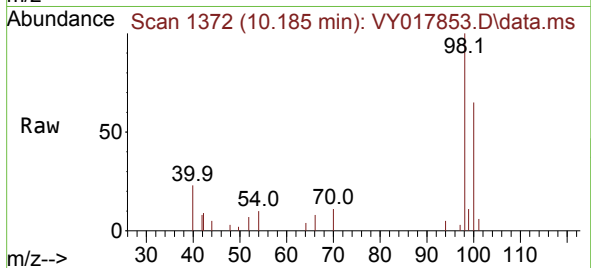
SOIL-1RE

Tgt Ion: 98 Resp: 4876

Ion Ratio Lower Upper

98 100

100 59.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 26.483 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017853.D

Acq: 04 Apr 2024 14:45

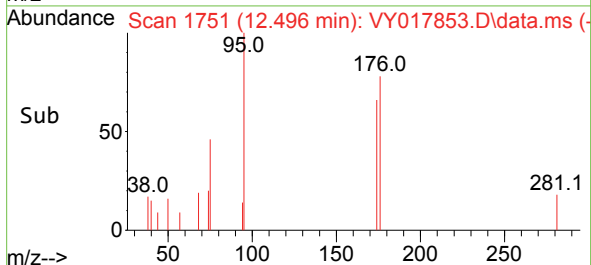
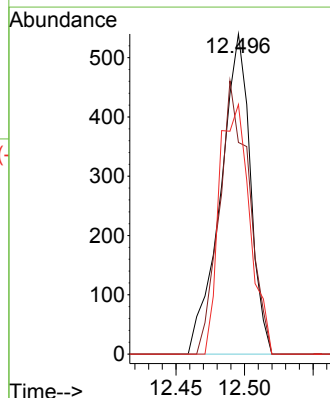
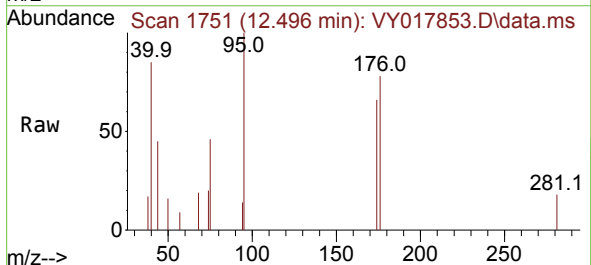
Tgt Ion: 95 Resp: 815

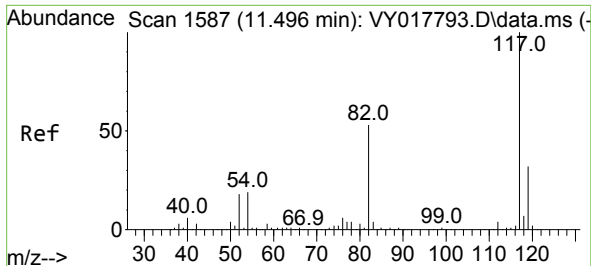
Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.6

176 79.8 0.0 171.4

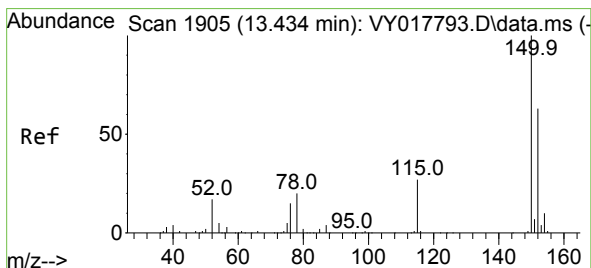
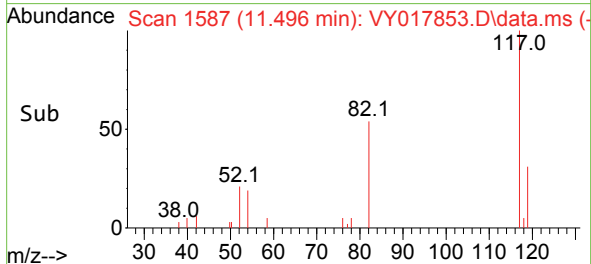
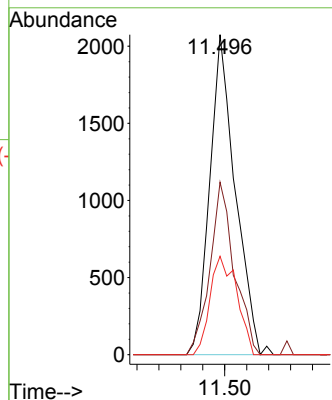
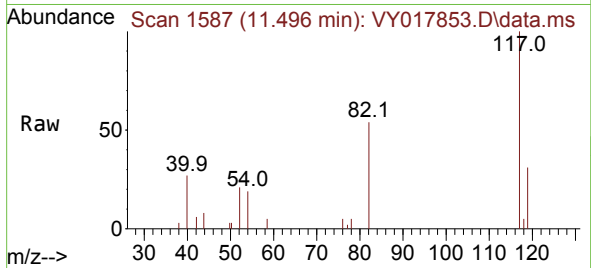




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

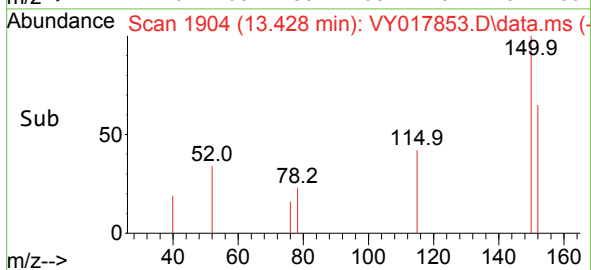
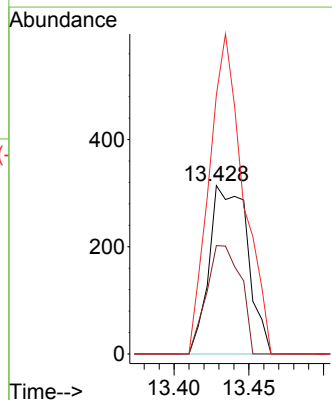
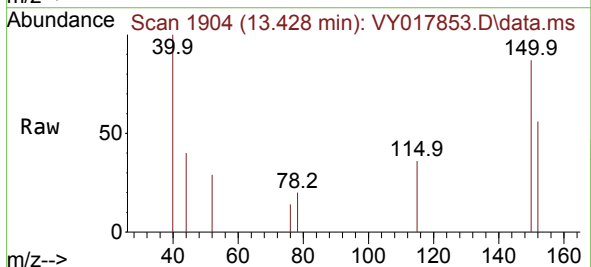
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1RE

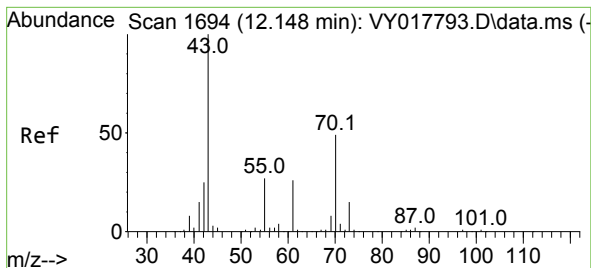
Tgt Ion:117	Resp:	3354
Ion	Ratio	Lower Upper
117	100	
82	53.9	42.4 63.6
119	30.7	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

Tgt Ion:152	Resp:	557
Ion	Ratio	Lower Upper
152	100	
115	57.5	28.2 84.7
150	170.0	0.0 345.6





#74

N-amy1 acetate

Concen: 10.941 ug/l

RT: 12.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017853.D

Acq: 04 Apr 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1RE

Tgt Ion: 43 Resp: 72

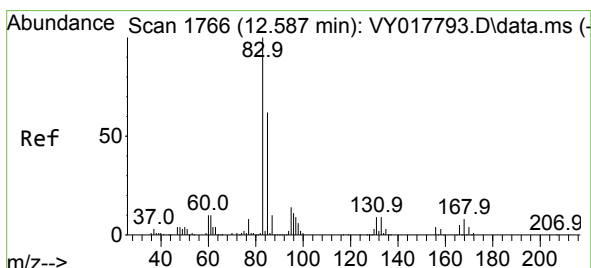
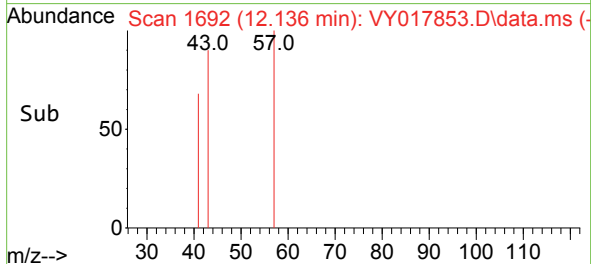
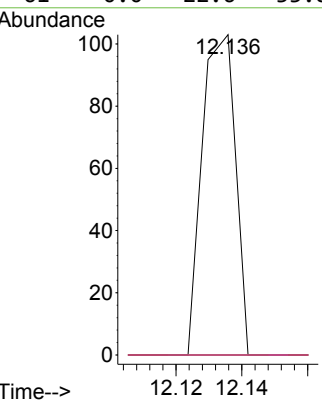
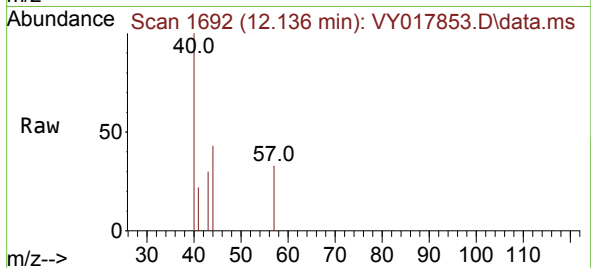
Ion Ratio Lower Upper

43 100

70 0.0 41.4 62.2#

55 0.0 23.3 34.9#

61 0.0 22.6 33.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 5.628 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.049 min

Lab File: VY017853.D

Acq: 04 Apr 2024 14:45

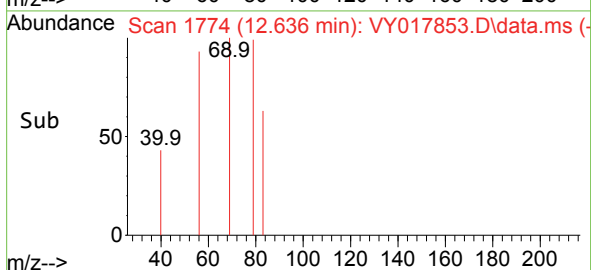
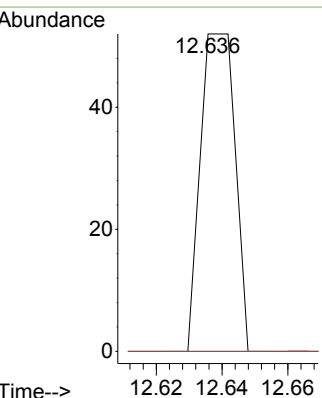
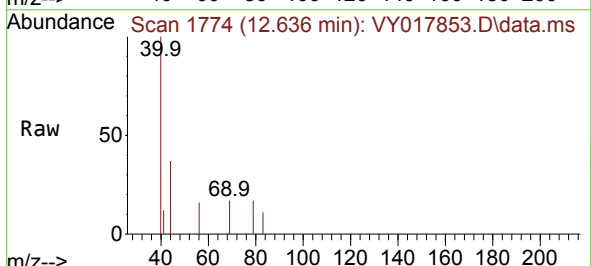
Tgt Ion: 83 Resp: 38

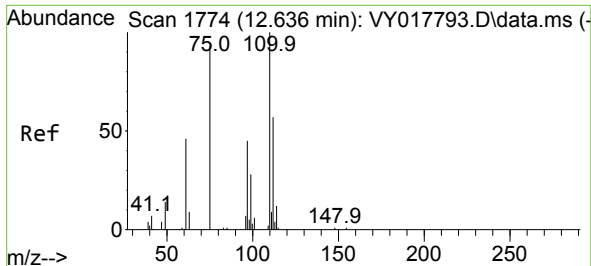
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.0 96.0#

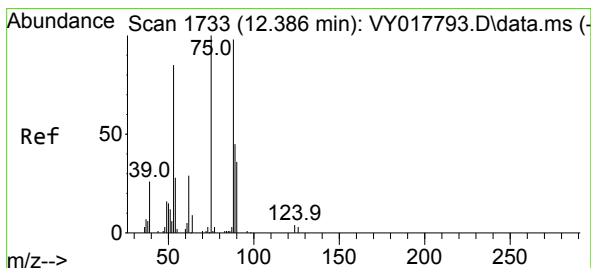
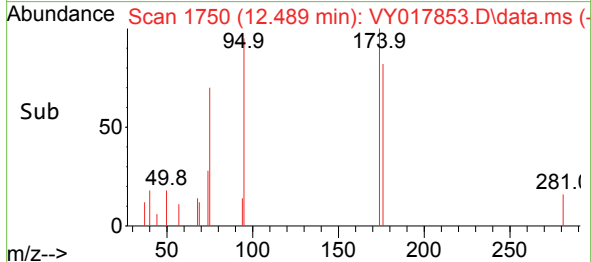
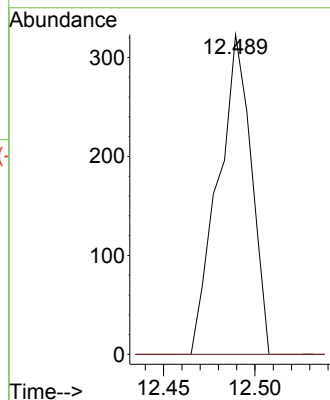
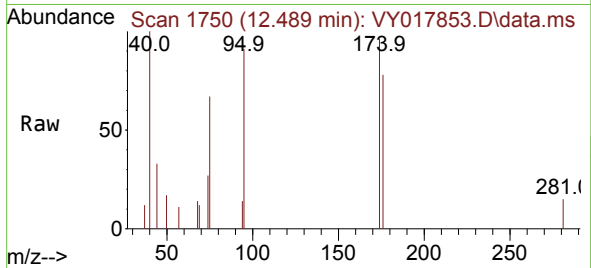




#76
1,2,3-Trichloropropane
Concen: 80.186 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

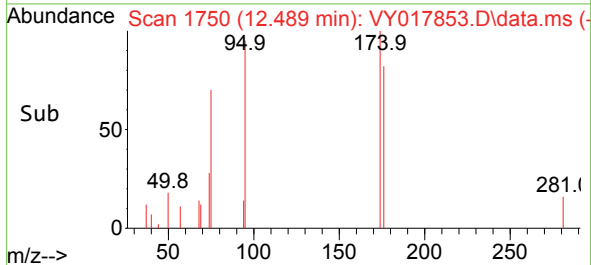
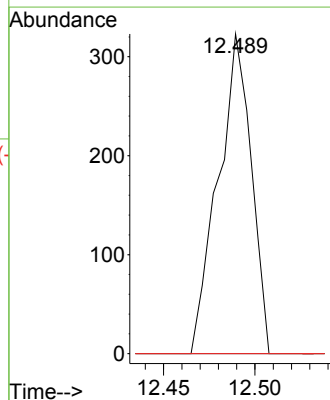
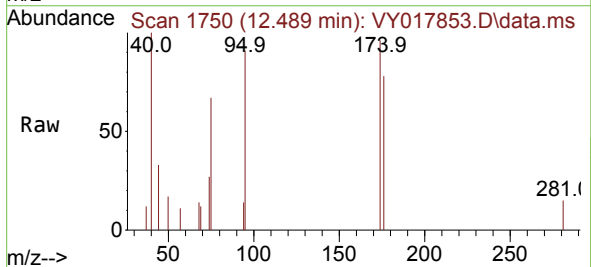
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1RE

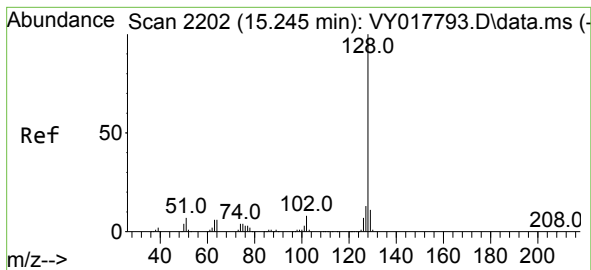
Tgt Ion: 75 Resp: 407
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 141.898 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

Tgt Ion: 75 Resp: 407
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 7.371 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

