

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017846.D
 Acq On : 04 Apr 2024 12:01
 Operator : SY/MD
 Sample : P1974-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1

Quant Time: Apr 05 00:45:14 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)

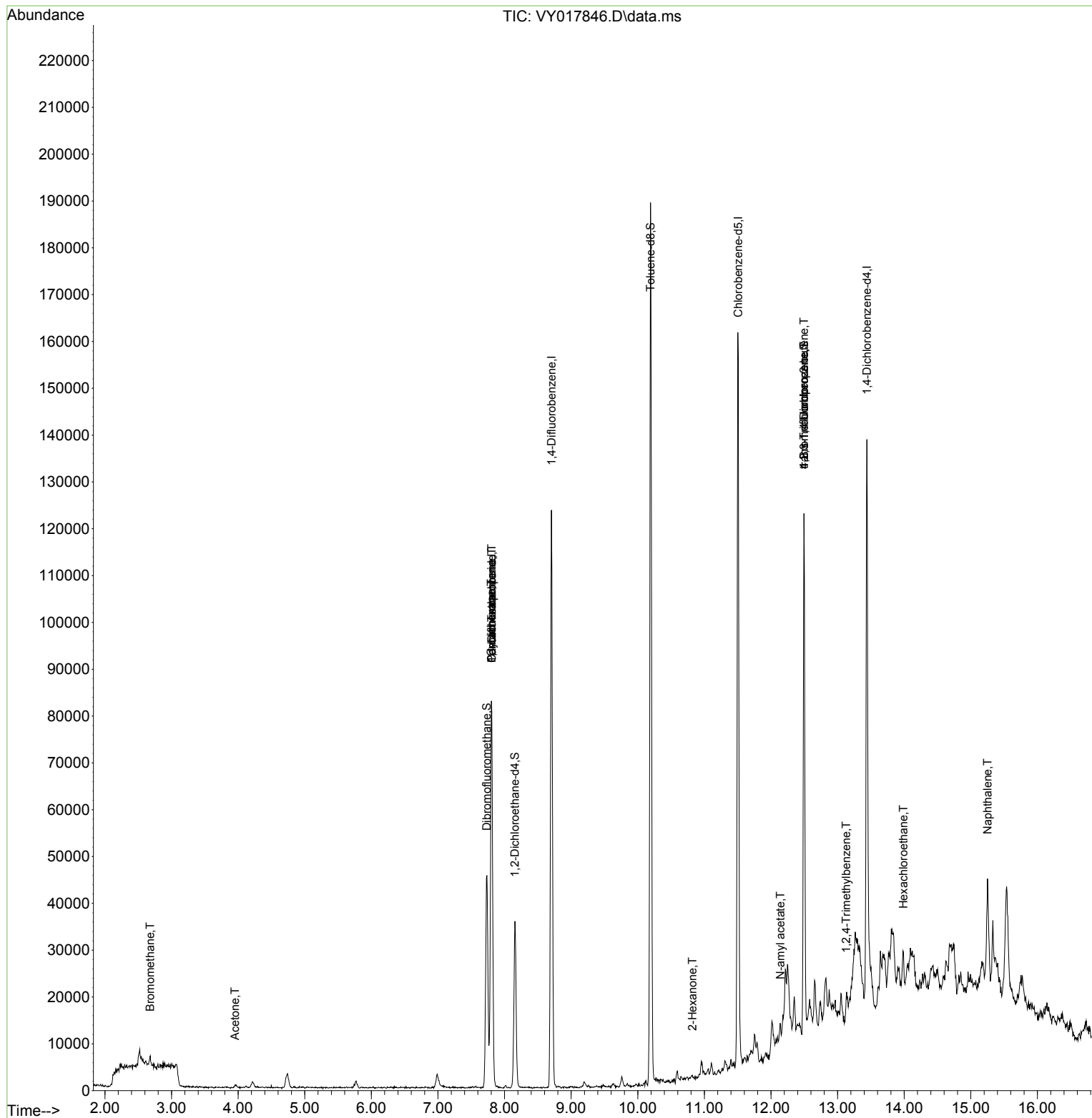
Internal Standards						
1) Pentafluorobenzene	7.807	168	66777	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	106142	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	88333	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	31093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	27929	48.333	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.660%
35) Dibromofluoromethane	7.734	113	33026	53.847	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.700%
50) Toluene-d8	10.191	98	124070	54.154	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.300%
62) 4-Bromofluorobenzene	12.496	95	30779	44.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.320%
Target Compounds						
					Qvalue	
5) Bromomethane	2.680	94	953	1.035	ug/l #	75
11) Tert butyl alcohol	4.966	59	61	Below Cal	#	88
16) Acetone	3.954	43	882	7.384	ug/l #	80
31) Cyclohexane	7.801	56	1553	1.526	ug/l #	14
36) 1,1-Dichloropropene	7.807	75	5046	5.639	ug/l #	49
38) Carbon Tetrachloride	7.807	117	6090	6.555	ug/l #	19
48) Methyl methacrylate	9.289	41	68	Below Cal	#	7
51) 4-Methyl-2-Pentanone	10.075	43	187	Below Cal	#	31
56) Ethyl methacrylate	10.520	69	63	Below Cal	#	1
59) 2-Hexanone	10.819	43	420	1.277	ug/l #	19
69) o-Xylene	12.044	106	414	Below Cal		84
70) Styrene	12.050	104	144	Below Cal	#	82
74) N-amyl acetate	12.142	43	902	1.854	ug/l #	66
76) 1,2,3-Trichloropropane	12.496	75	16638	58.722	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	16638	112.649	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.130	105	2157	1.274	ug/l	83
90) Hexachloroethane	13.989	117	590	1.530	ug/l #	12
95) Naphthalene	15.251	128	9820	15.380	ug/l #	94

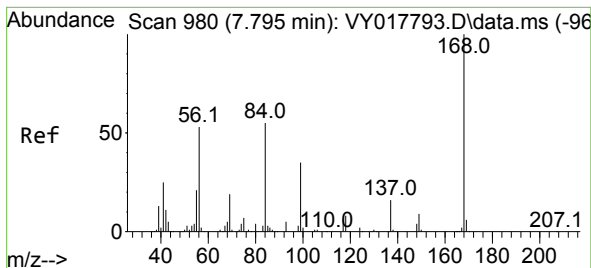
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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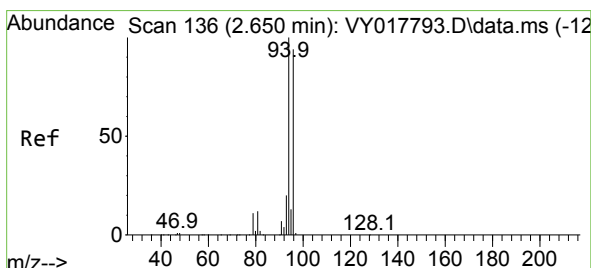
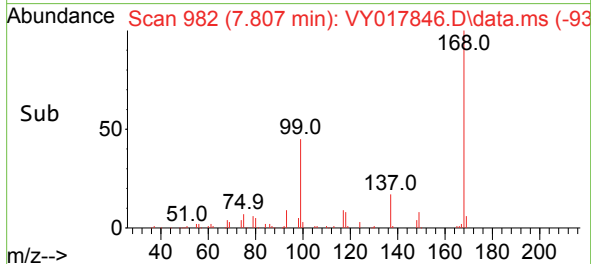
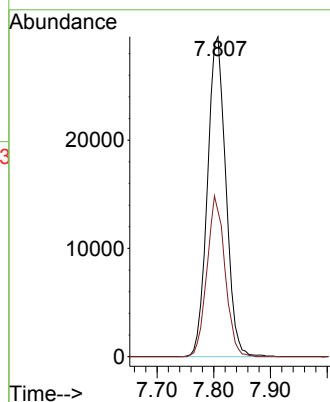
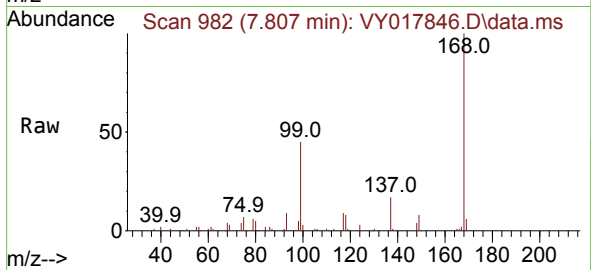




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

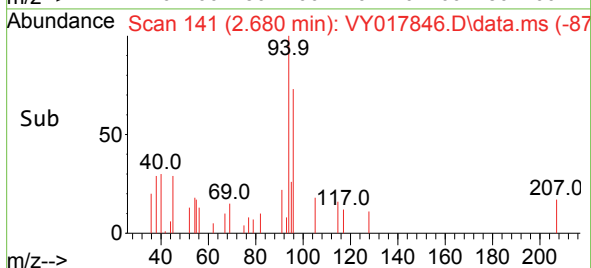
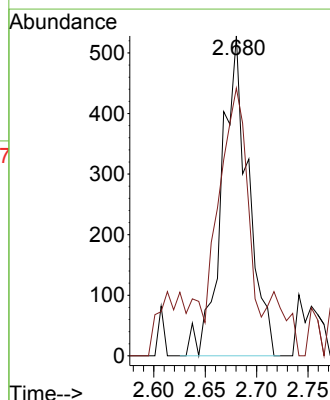
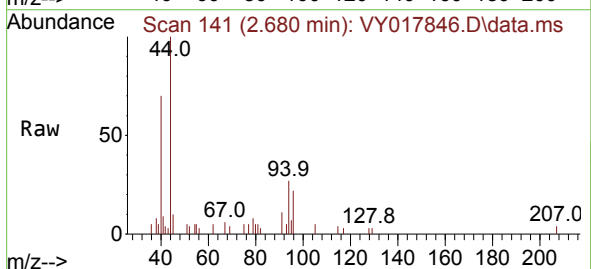
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

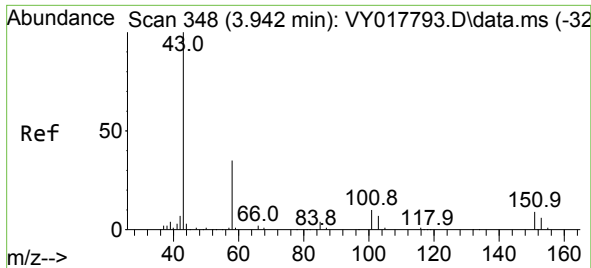
Tgt Ion:168 Resp: 66777
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#5
Bromomethane
Concen: 1.035 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.031 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

Tgt Ion: 94 Resp: 953
Ion Ratio Lower Upper
94 100
96 68.8 74.1 111.1#

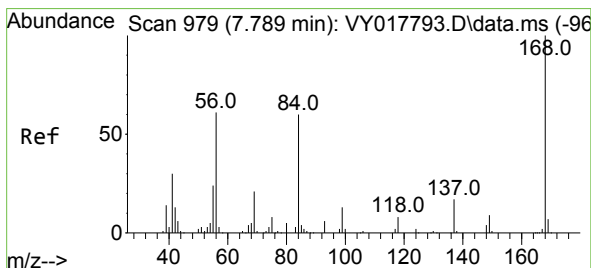
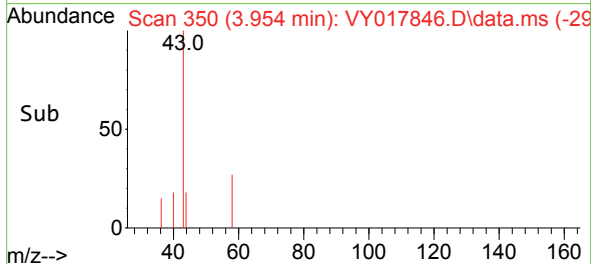
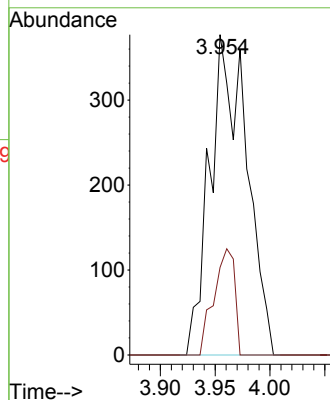
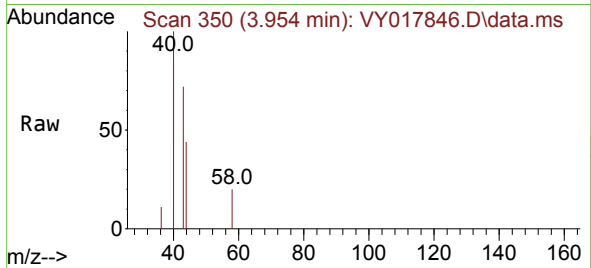




#16
Acetone
Concen: 7.384 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

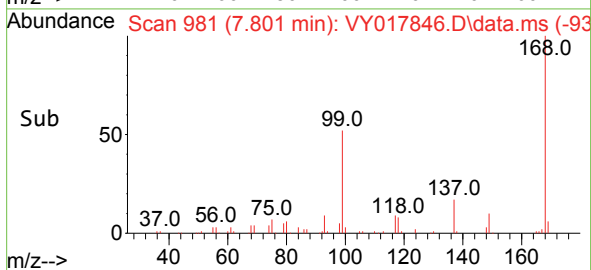
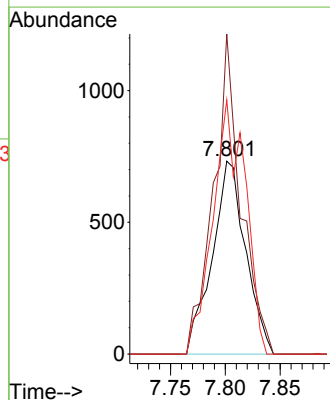
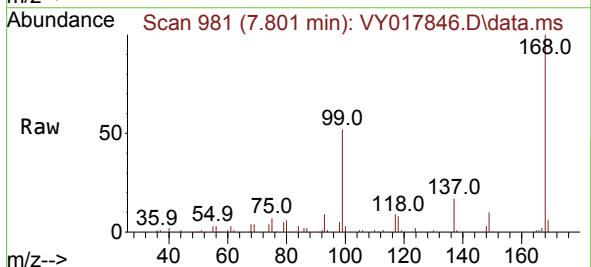
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

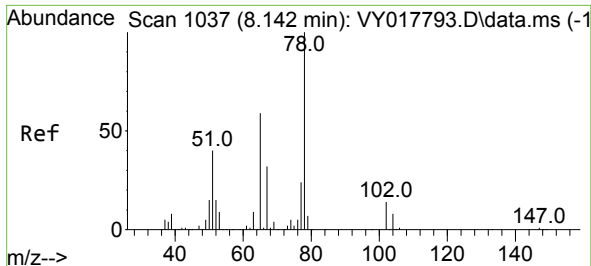
Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 27.3 31.7 47.5#



#31
Cyclohexane
Concen: 1.526 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

Tgt Ion: 56 Resp: 1553
Ion Ratio Lower Upper
56 100
69 166.0 28.7 43.1#
84 131.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 48.333 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017846.D

Acq: 04 Apr 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

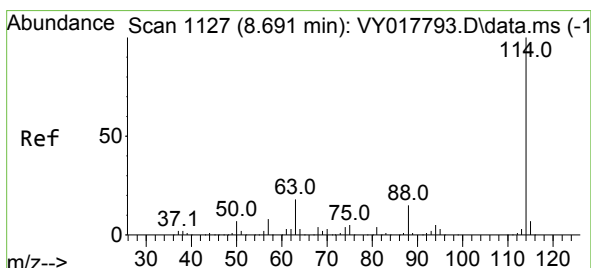
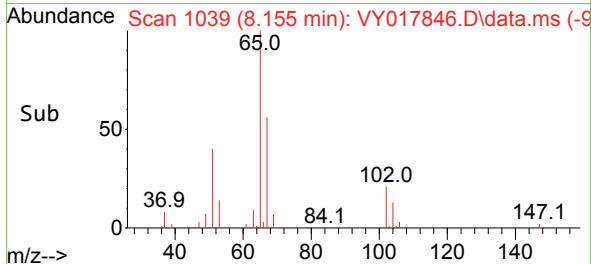
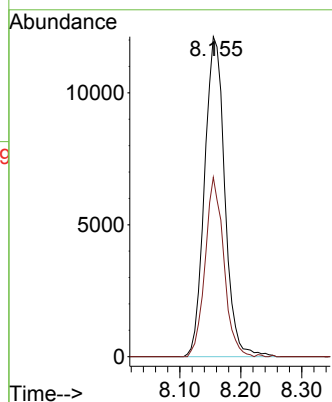
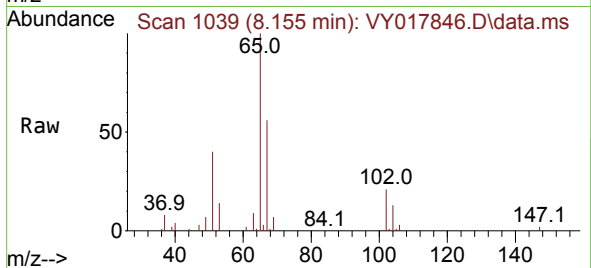
SOIL-1

Tgt Ion: 65 Resp: 27929

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017846.D

Acq: 04 Apr 2024 12:01

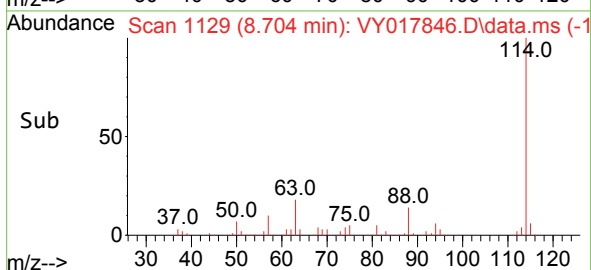
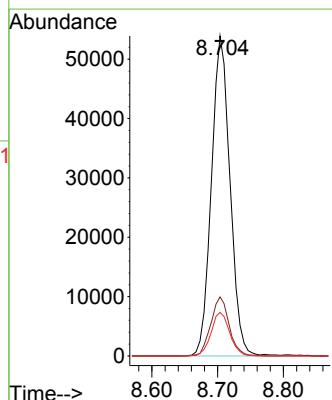
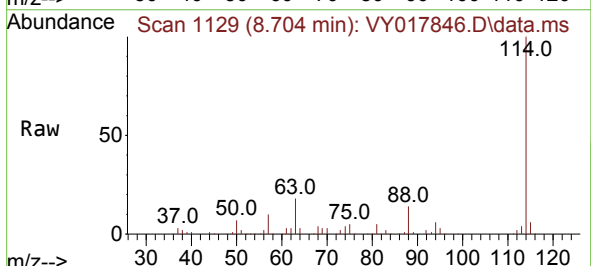
Tgt Ion: 114 Resp: 106142

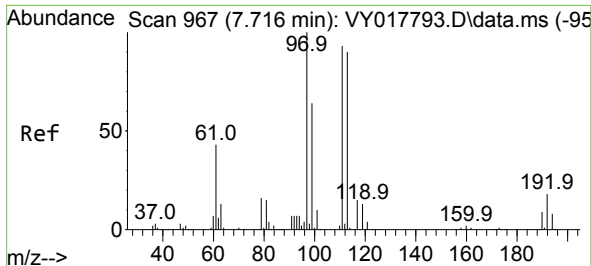
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 13.6 0.0 27.2

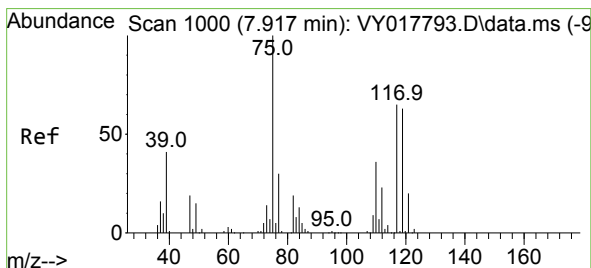
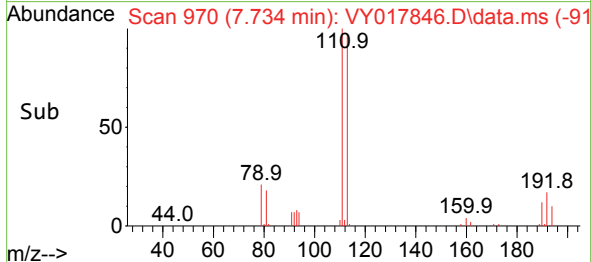
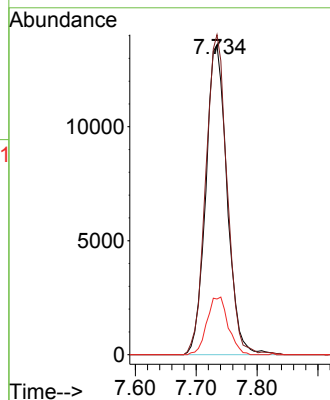
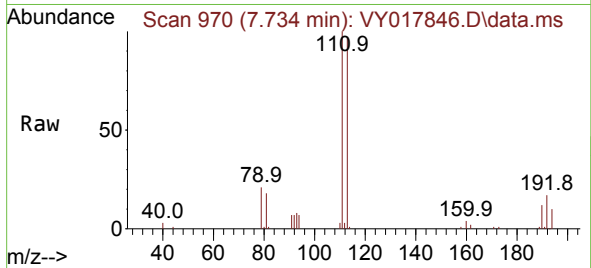




#35
Dibromofluoromethane
Concen: 53.847 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

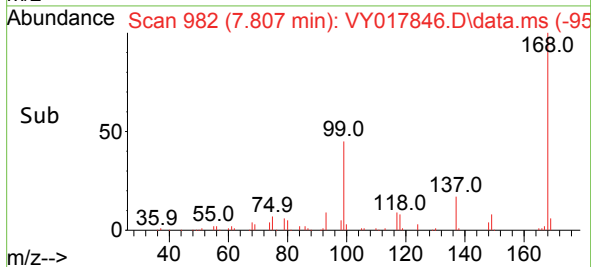
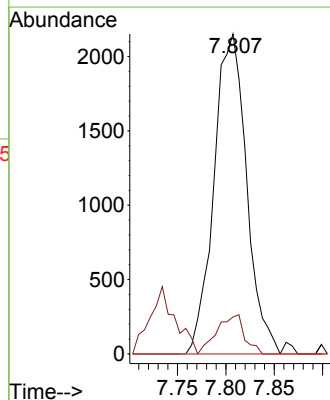
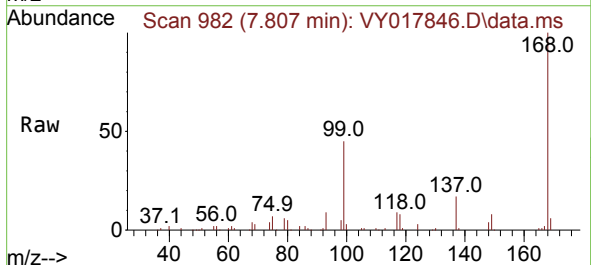
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

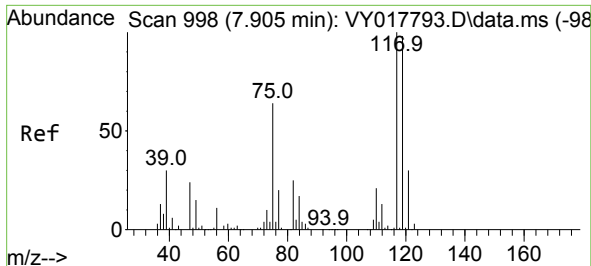
Tgt Ion:113 Resp: 33026
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.639 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

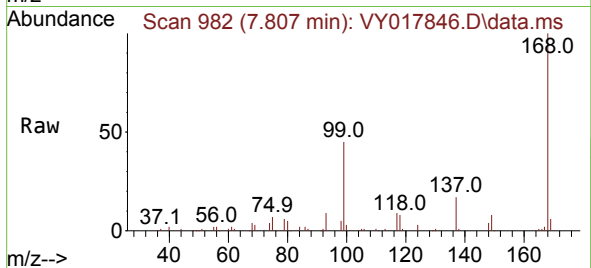
Tgt Ion: 75 Resp: 5046
Ion Ratio Lower Upper
75 100
110 10.3 19.0 57.0#
77 0.0 25.3 37.9#



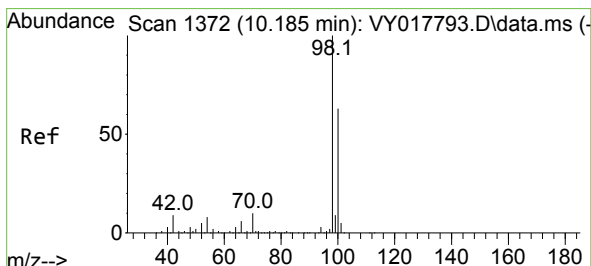
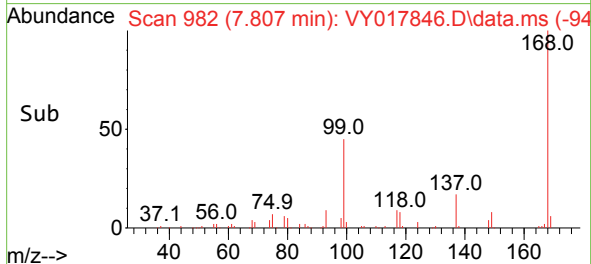
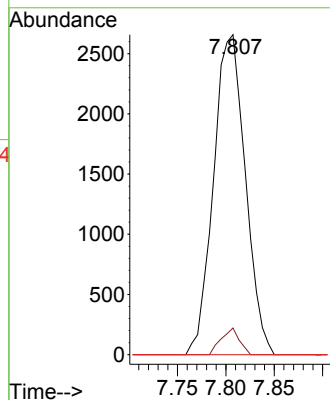


#38
Carbon Tetrachloride
Concen: 6.555 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

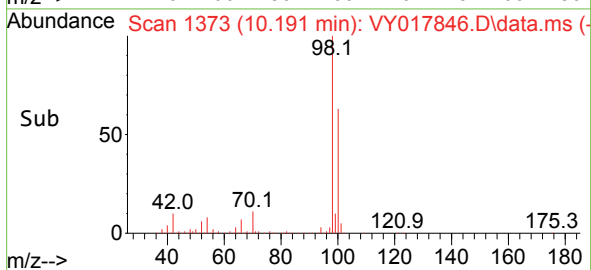
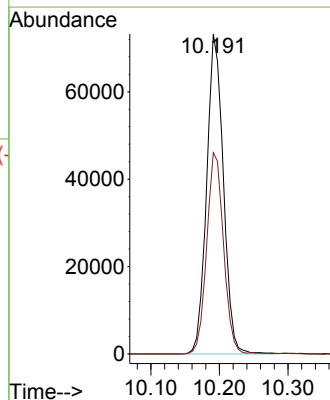
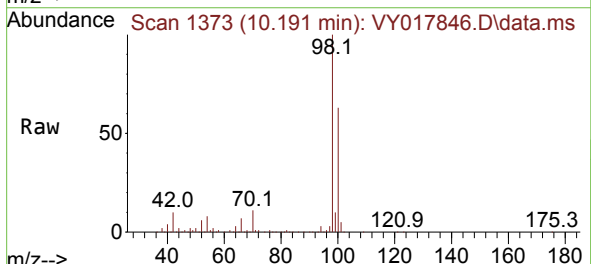


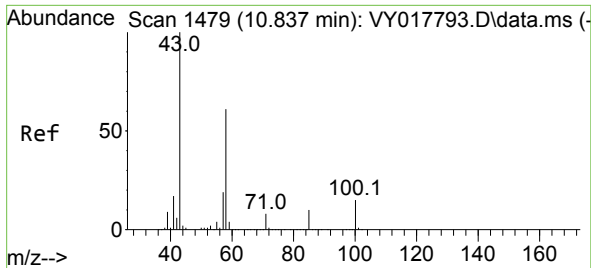
Tgt Ion:117 Resp: 6090
Ion Ratio Lower Upper
117 100
119 8.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 54.154 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

Tgt Ion: 98 Resp: 124070
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

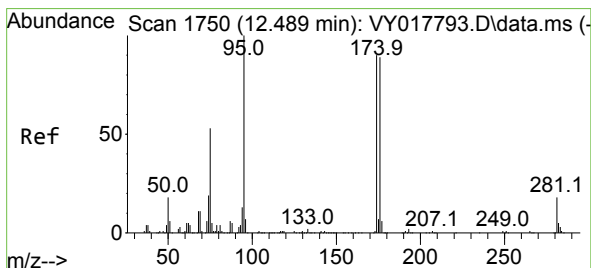
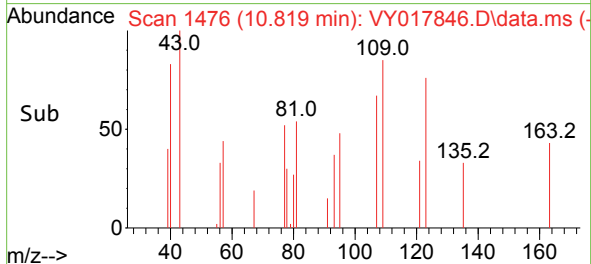
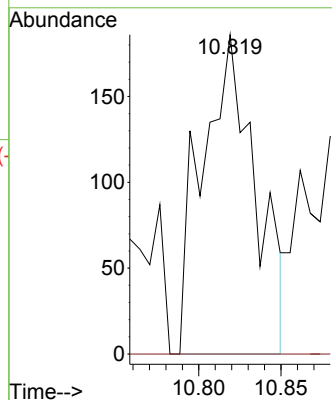
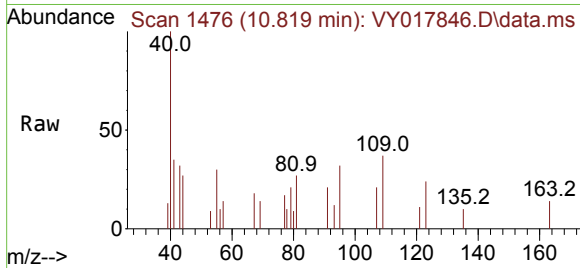




#59
2-Hexanone
Concen: 1.277 ug/l
RT: 10.819 min Scan# 1479
Delta R.T. -0.018 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

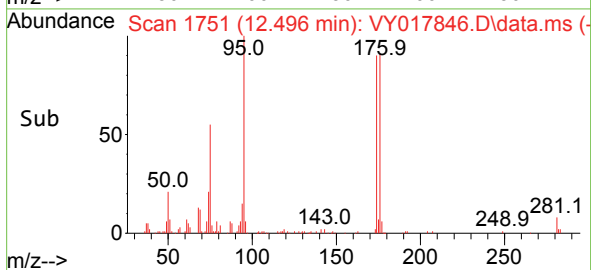
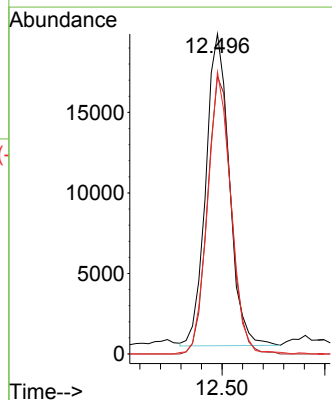
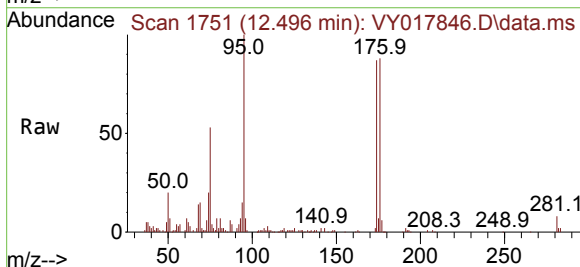
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

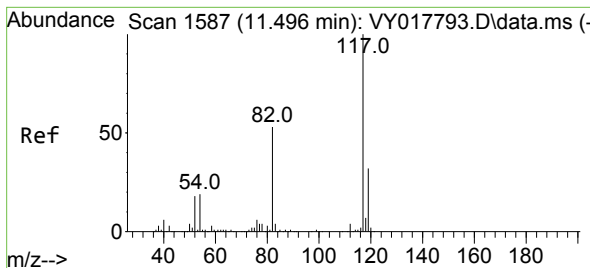
Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#



#62
4-Bromofluorobenzene
Concen: 44.156 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

Tgt Ion: 95 Resp: 30779
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.6
176 89.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017846.D

Acq: 04 Apr 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1

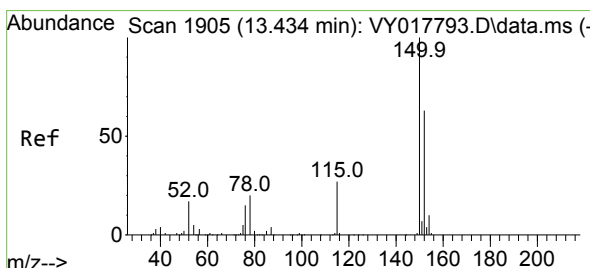
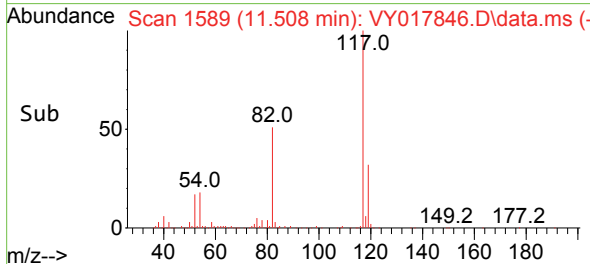
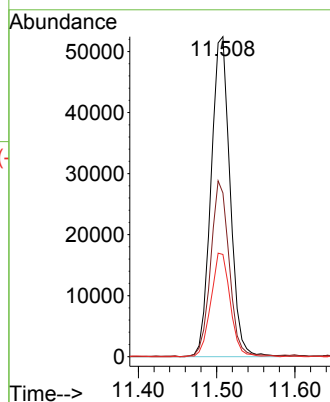
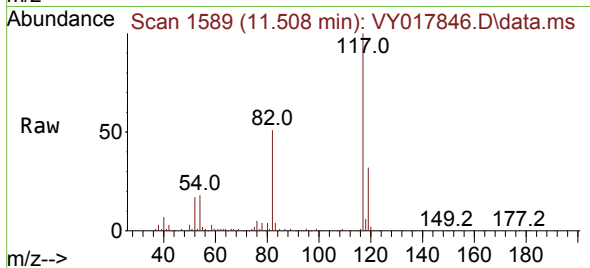
Tgt Ion:117 Resp: 88333

Ion Ratio Lower Upper

117 100

82 51.1 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017846.D

Acq: 04 Apr 2024 12:01

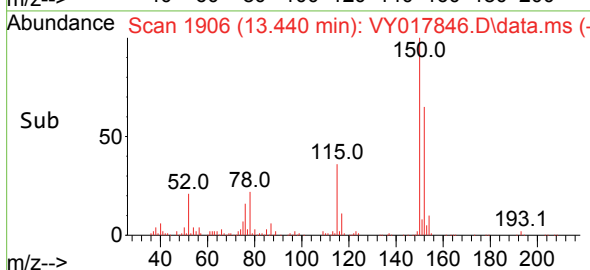
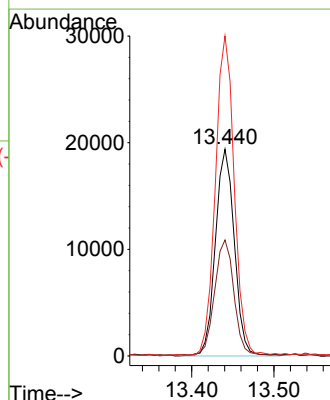
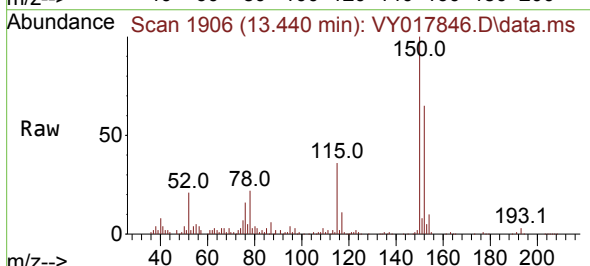
Tgt Ion:152 Resp: 31093

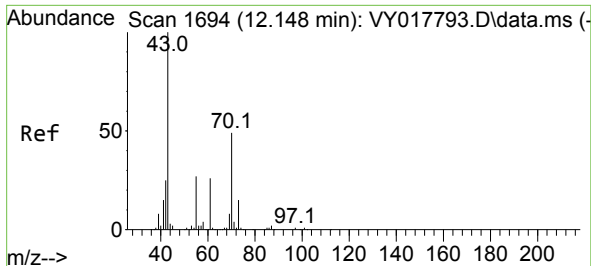
Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 153.0 0.0 345.6

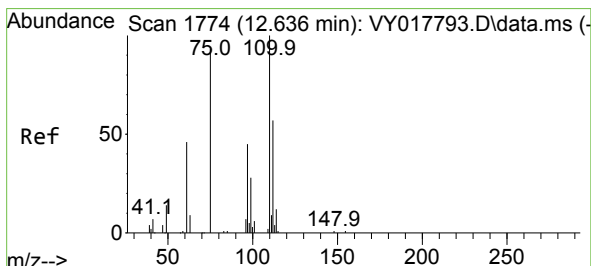
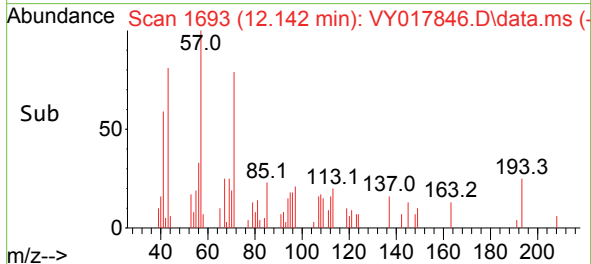
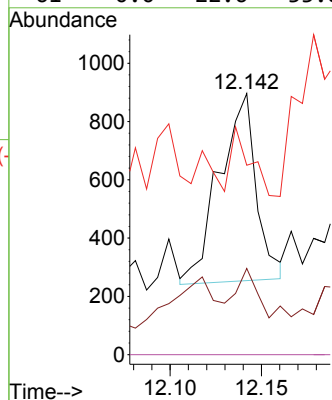
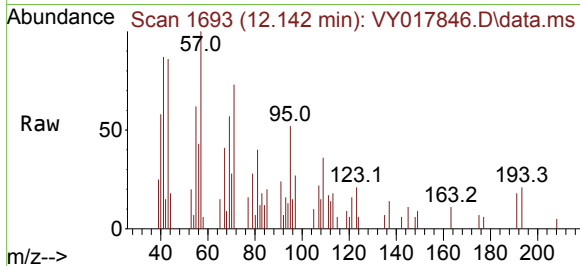




#74
N-amy1 acetate
Concen: 1.854 ug/l
RT: 12.142 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

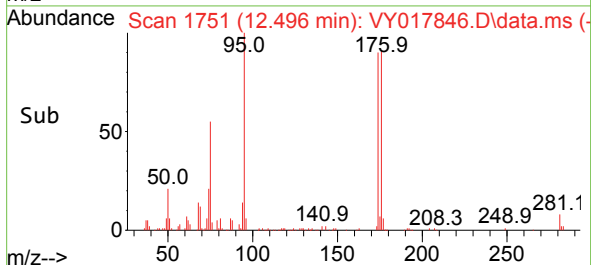
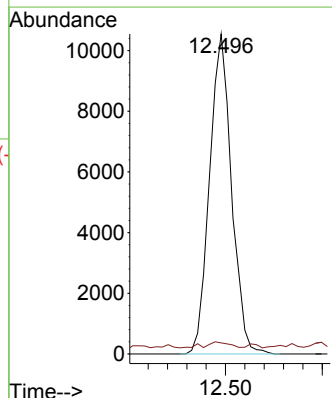
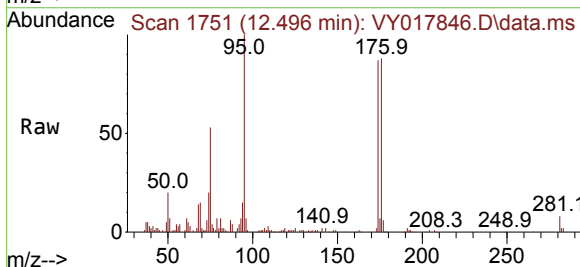
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

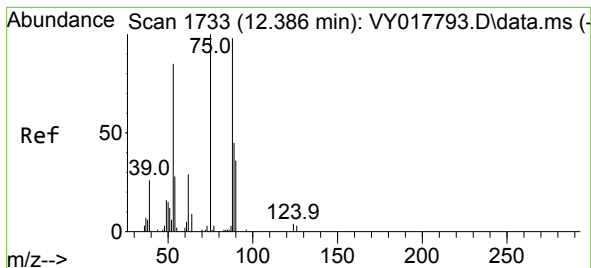
Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
70 28.9 41.4 62.2#
55 19.0 23.3 34.9#
61 0.0 22.6 33.8#



#76
1,2,3-Trichloropropane
Concen: 58.722 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.140 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

Tgt Ion: 75 Resp: 16638
Ion Ratio Lower Upper
75 100
77 2.9 0.0 0.0#

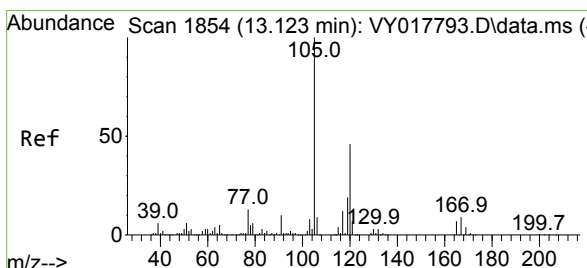
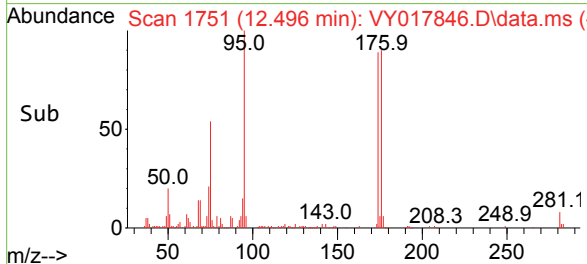
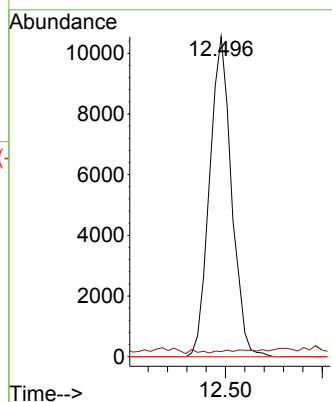
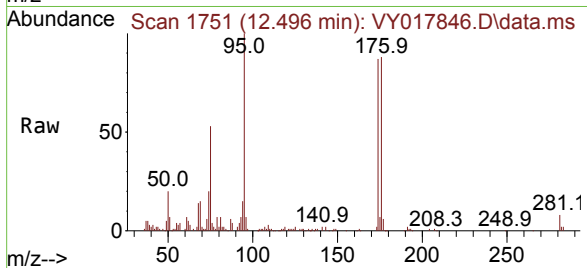




#81
trans-1,4-Dichloro-2-butene
Concen: 112.649 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

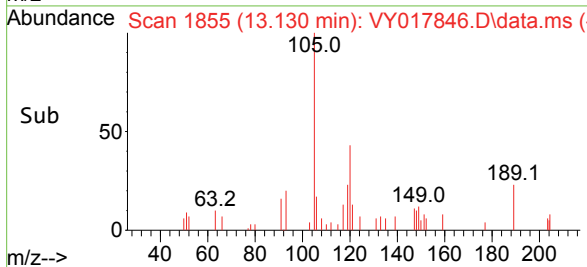
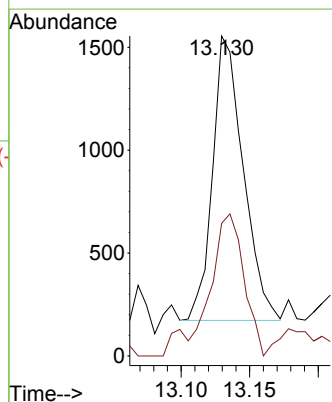
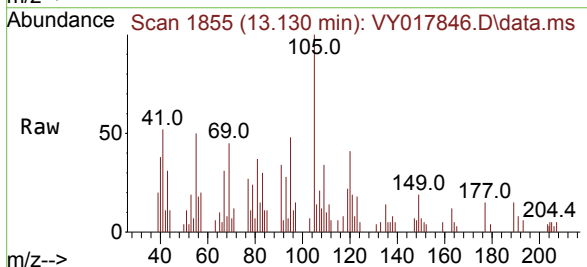
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

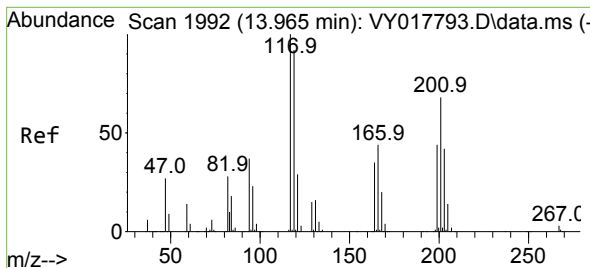
Tgt Ion: 75 Resp: 16638
Ion Ratio Lower Upper
75 100
53 1.3 66.8 100.2#
89 0.0 35.8 53.6#



#84
1,2,4-Trimethylbenzene
Concen: 1.274 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

Tgt Ion:105 Resp: 2157
Ion Ratio Lower Upper
105 100
120 57.6 23.2 69.6

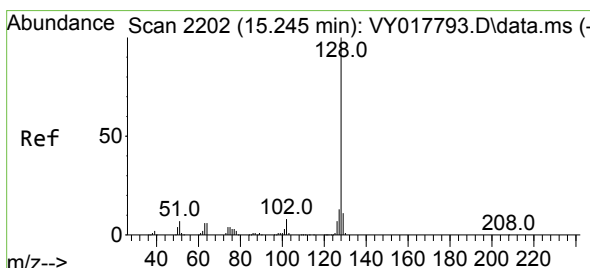
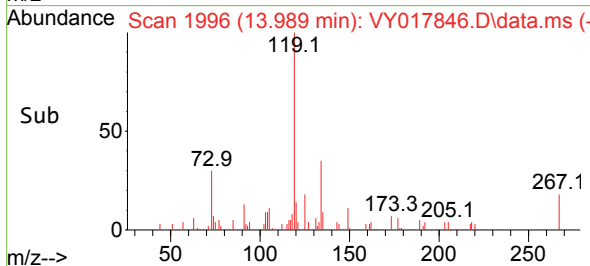
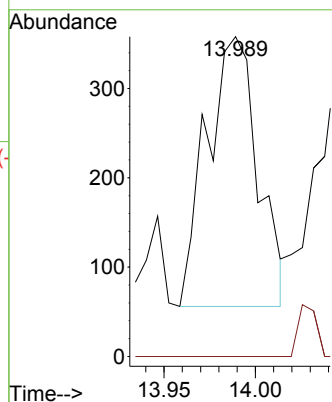
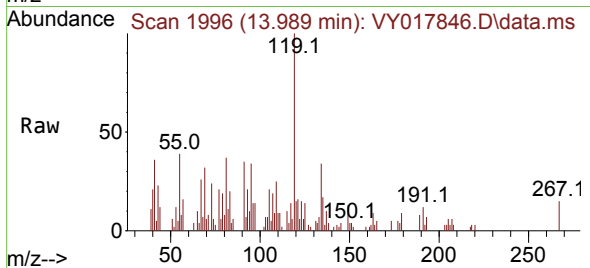




#90
Hexachloroethane
Concen: 1.530 ug/l
RT: 13.989 min Scan# 1996
Delta R.T. 0.025 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

Tgt Ion:117 Resp: 590
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#



#95
Naphthalene
Concen: 15.380 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017846.D
Acq: 04 Apr 2024 12:01

Tgt Ion:128 Resp: 9820
Ion Ratio Lower Upper
128 100
127 15.0 10.6 16.0
129 14.0 8.6 13.0#

