

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017768.D
 Acq On : 26 Mar 2024 14:36
 Operator : SY/MD
 Sample : P1869-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3

Quant Time: Mar 27 01:30:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

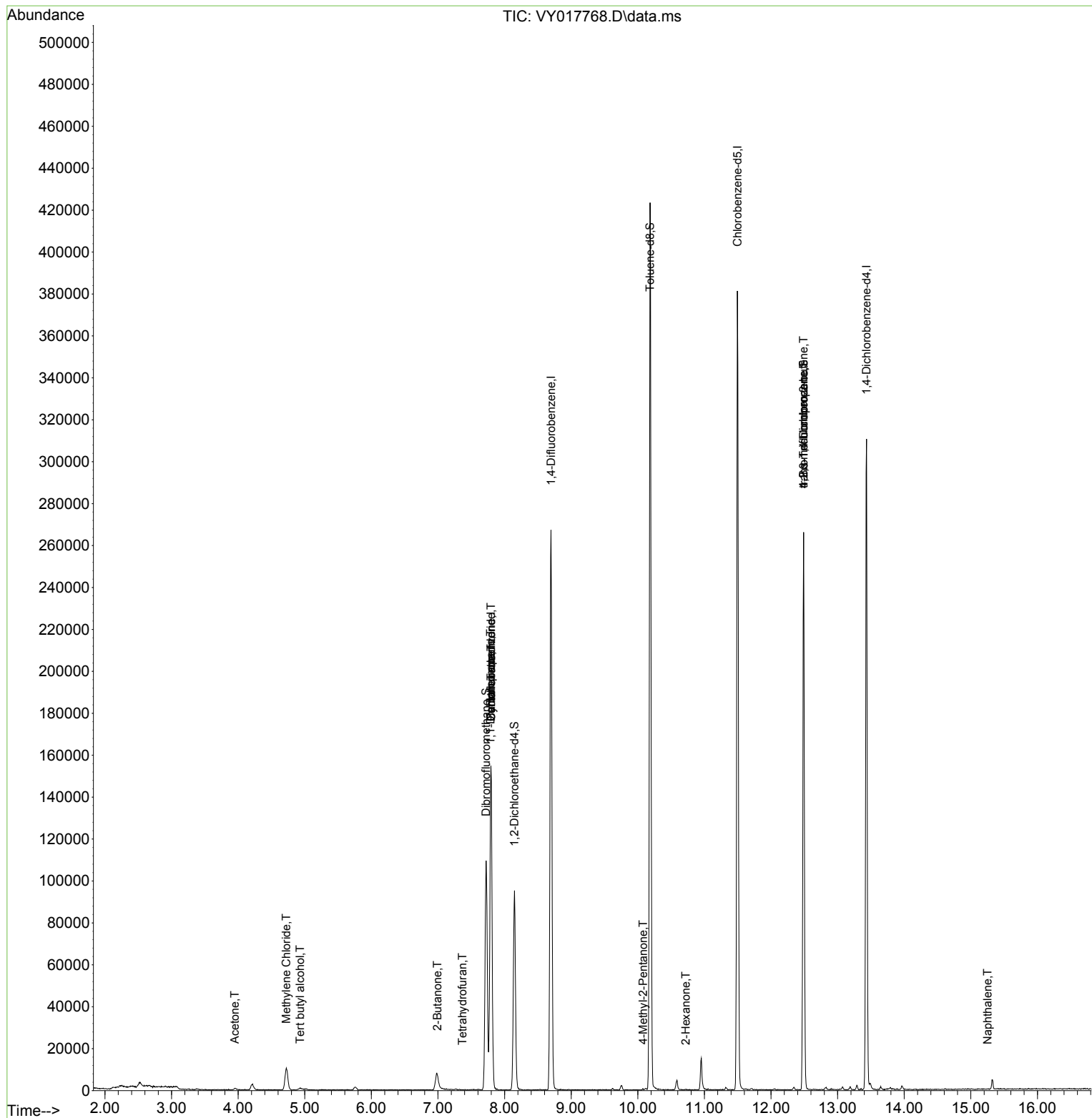
Internal Standards						
1) Pentafluorobenzene	7.795	168	126972	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	239741	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	215542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73073	66.060	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.120%	
35) Dibromofluoromethane	7.722	113	79476	55.459	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.920%	
50) Toluene-d8	10.185	98	274284	50.009	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	12.489	95	77395	46.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	1108	15.059	ug/l #	88
16) Acetone	3.948	43	1269	6.559	ug/l #	77
20) Methylene Chloride	4.722	84	8019	5.699	ug/l #	86
25) 2-Butanone	6.990	43	495	9.428	ug/l #	87
29) Tetrahydrofuran	7.368	42	19	4.472	ug/l #	26
31) Cyclohexane	7.795	56	2398	1.096	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9269	4.187	ug/l #	48
38) Carbon Tetrachloride	7.795	117	12236	5.278	ug/l #	16
51) 4-Methyl-2-Pentanone	10.081	43	483	6.162	ug/l #	77
59) 2-Hexanone	10.721	43	93	9.625	ug/l #	19
76) 1,2,3-Trichloropropane	12.489	75	39420	52.065	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	39420	120.307	ug/l #	16
95) Naphthalene	15.251	128	197	2.696	ug/l #	69

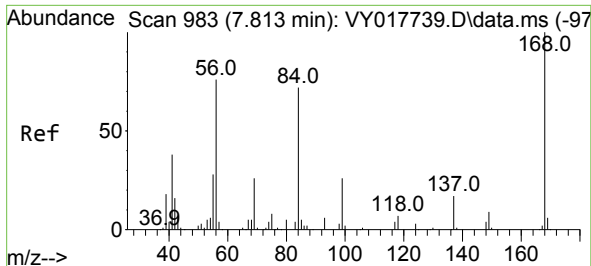
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
Data File : VY017768.D
Acq On : 26 Mar 2024 14:36
Operator : SY/MD
Sample : P1869-07
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

Quant Time: Mar 27 01:30:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration

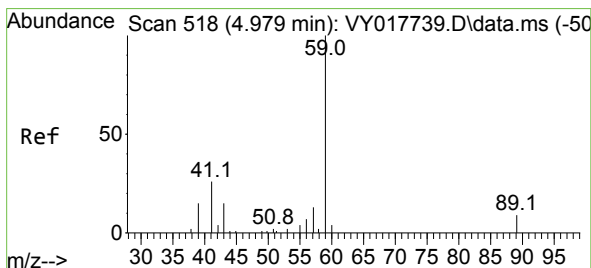
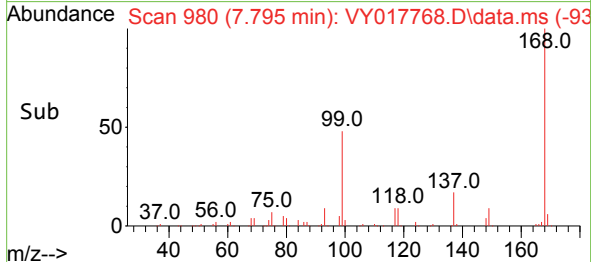
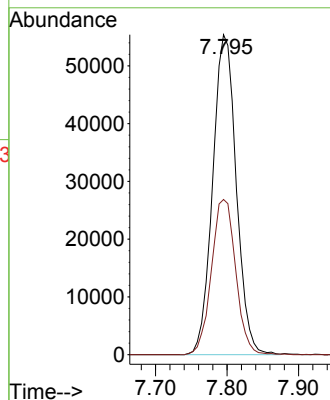
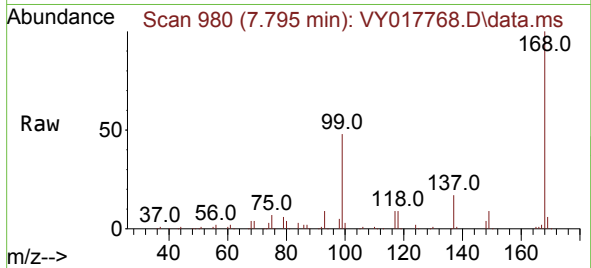




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

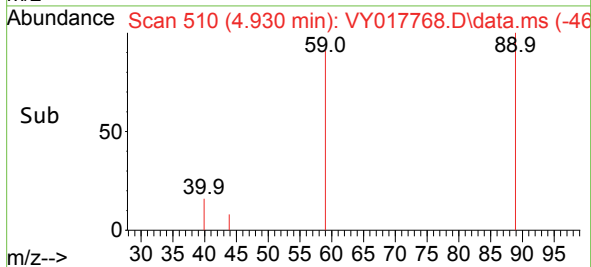
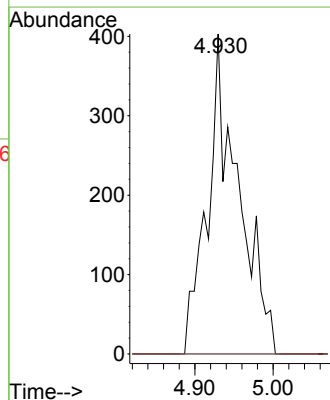
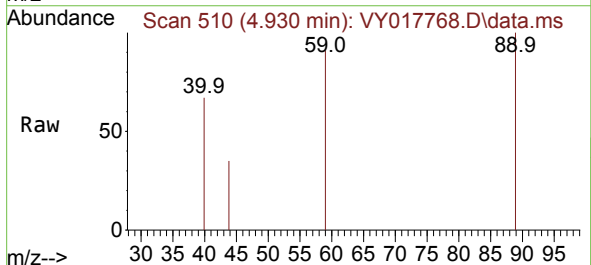
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

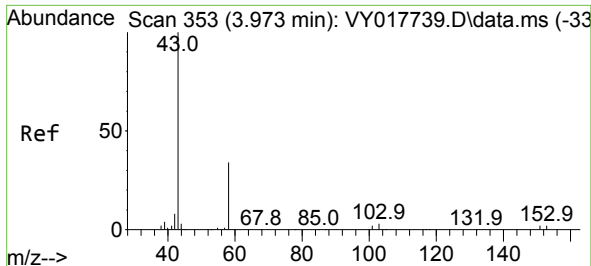
Tgt Ion:168 Resp: 126972
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 15.059 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.049 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

Tgt Ion: 59 Resp: 1108
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

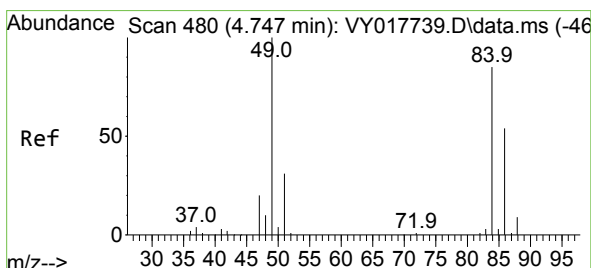
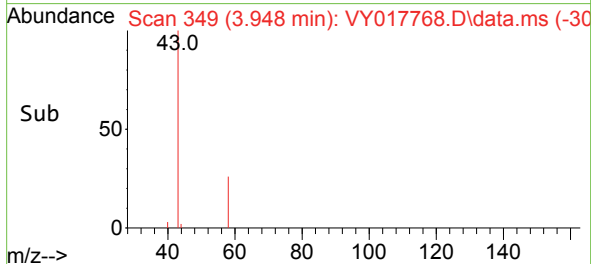
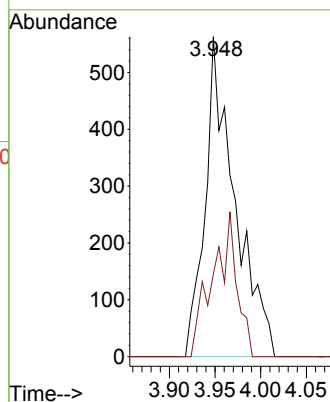
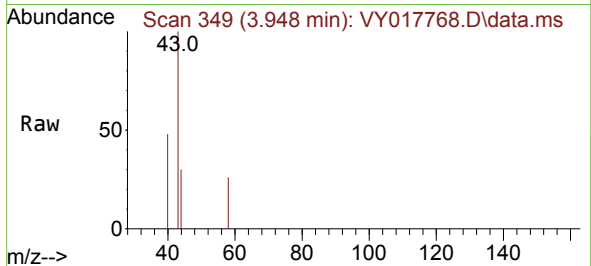




#16
Acetone
Concen: 6.559 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.025 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

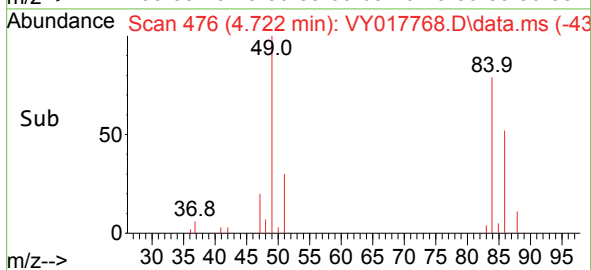
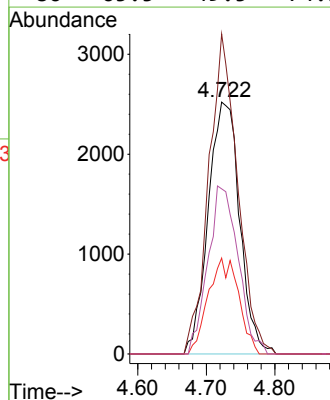
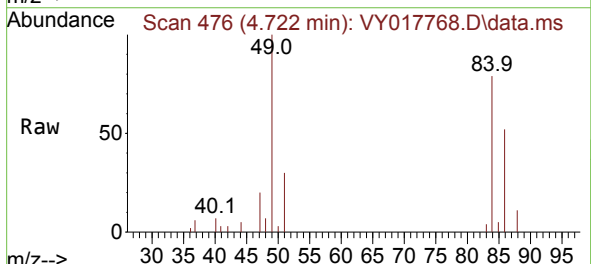
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

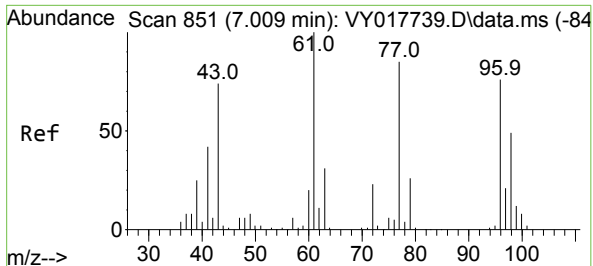
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
58 25.8 31.7 47.5#



#20
Methylene Chloride
Concen: 5.699 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.025 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

Tgt Ion: 84 Resp: 8019
Ion Ratio Lower Upper
84 100
49 127.0 84.4 126.6#
51 38.1 26.0 39.0
86 65.5 49.5 74.3

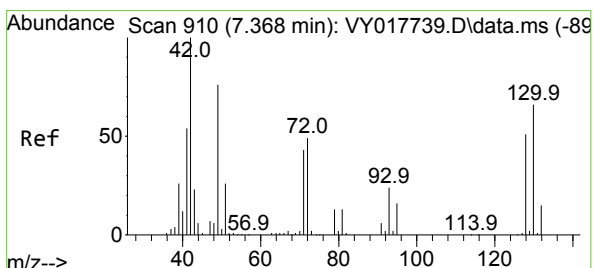
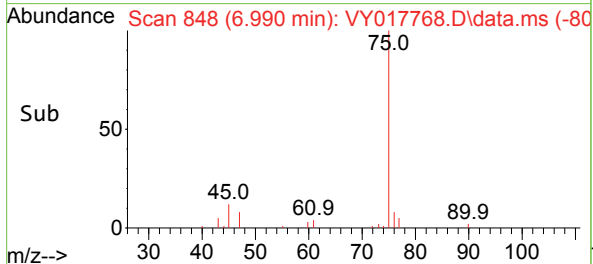
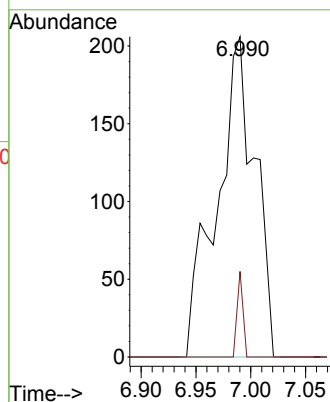
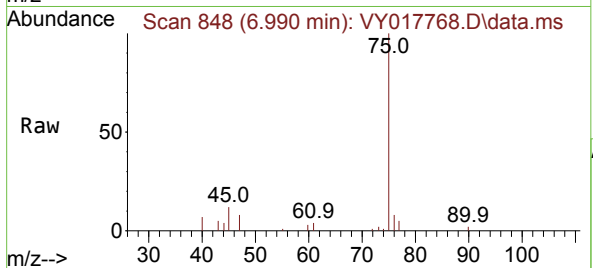




#25
2-Butanone
Concen: 9.428 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.019 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

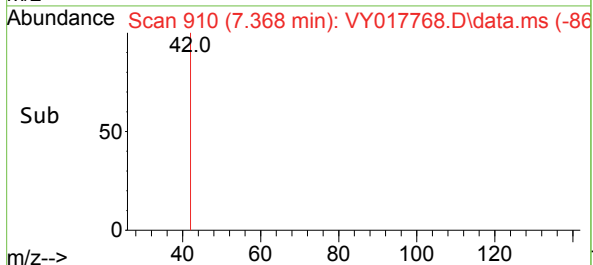
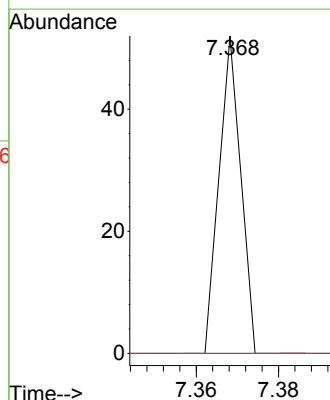
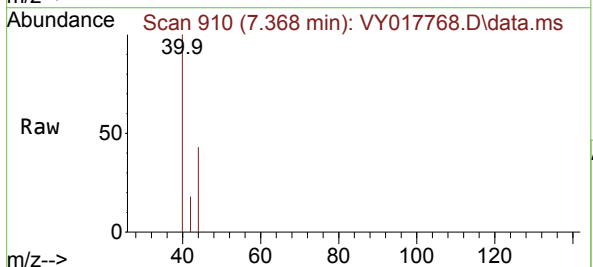
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

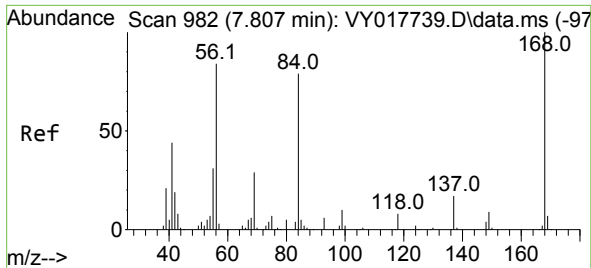
Tgt Ion: 43 Resp: 495
Ion Ratio Lower Upper
43 100
72 26.7 27.3 40.9#



#29
Tetrahydrofuran
Concen: 4.472 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

Tgt Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#

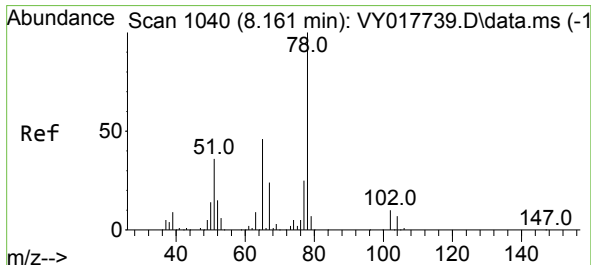
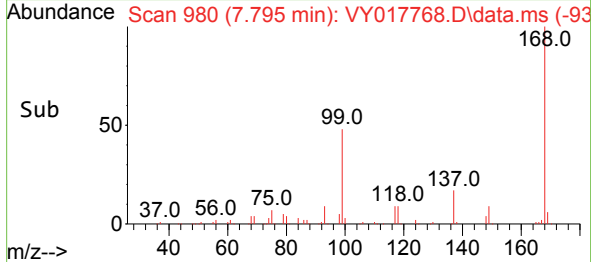
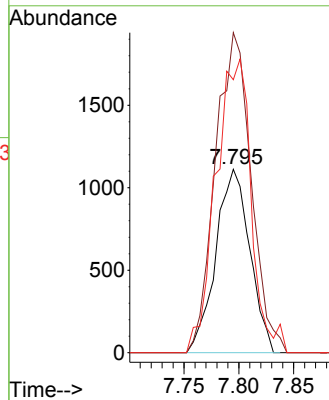
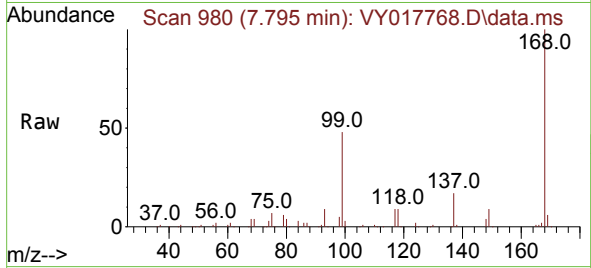




#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

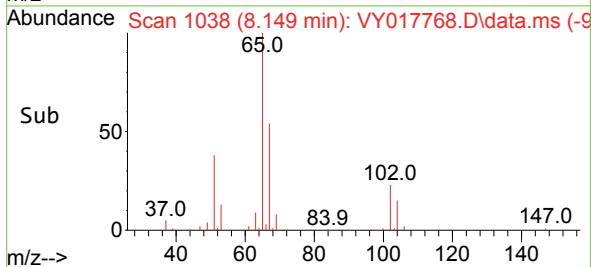
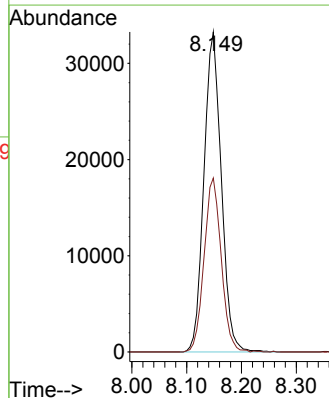
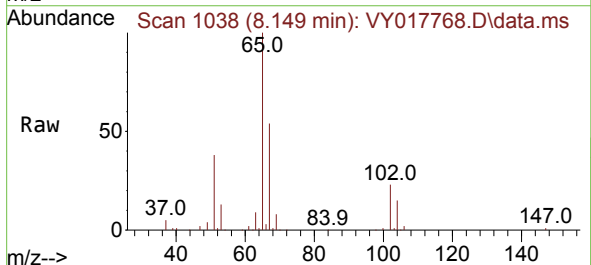
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

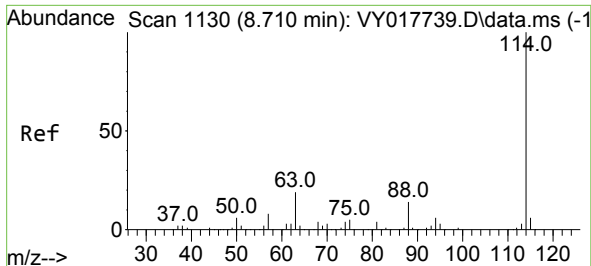
Tgt Ion: 56 Resp: 2398
Ion Ratio Lower Upper
56 100
69 174.5 28.7 43.1#
84 148.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 66.060 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.012 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

Tgt Ion: 65 Resp: 73073
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017768.D

Acq: 26 Mar 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-3

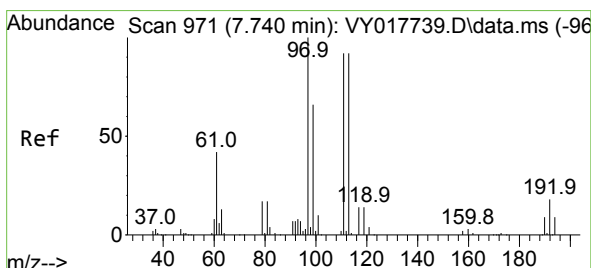
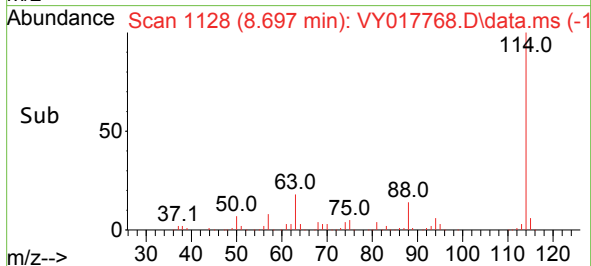
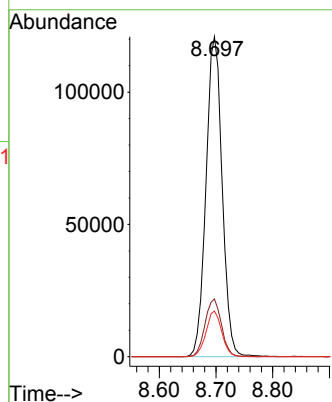
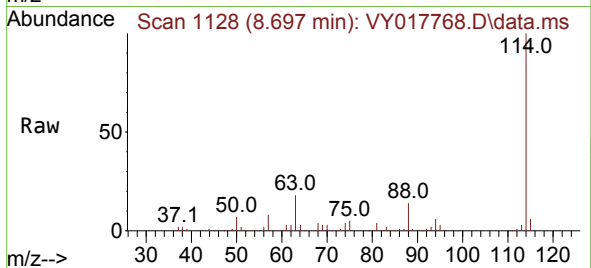
Tgt Ion:114 Resp: 239741

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.459 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY017768.D

Acq: 26 Mar 2024 14:36

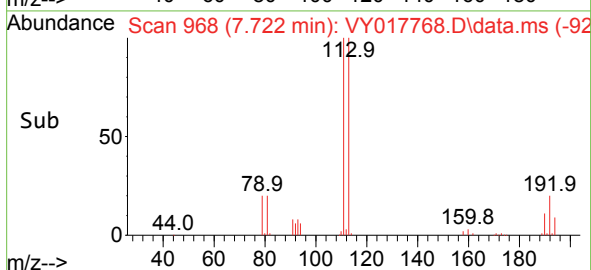
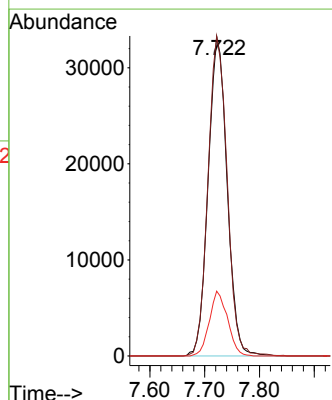
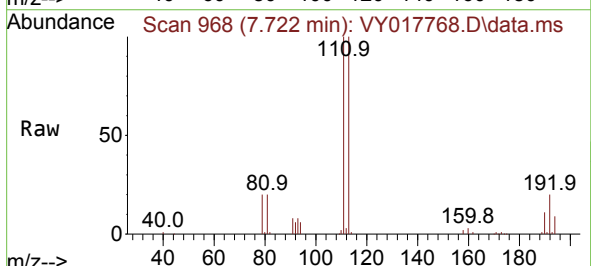
Tgt Ion:113 Resp: 79476

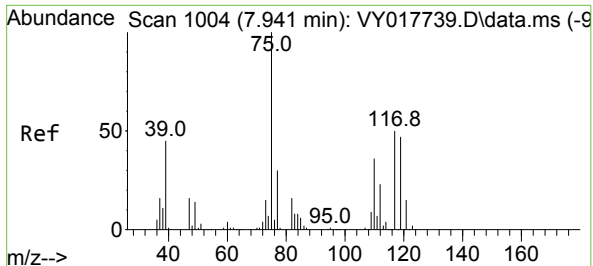
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 19.6 15.9 23.9

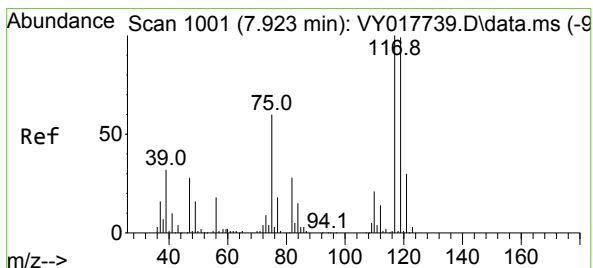
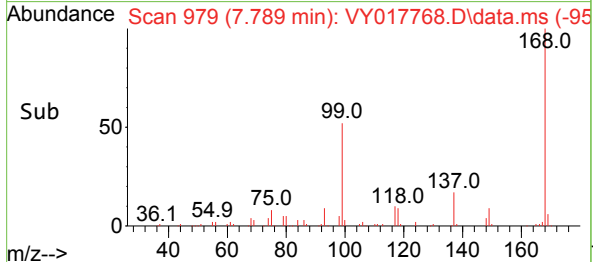
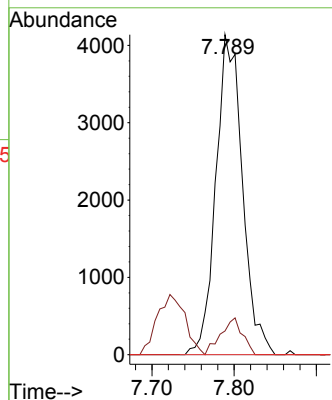
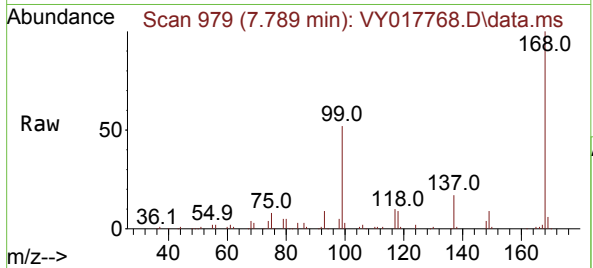




#36
 1,1-Dichloropropene
 Concen: 4.187 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.153 min
 Lab File: VY017768.D
 Acq: 26 Mar 2024 14:36

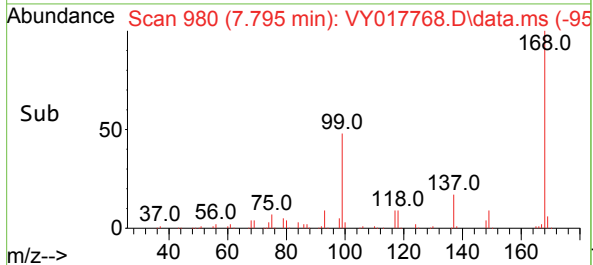
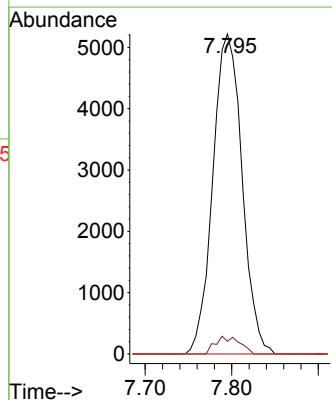
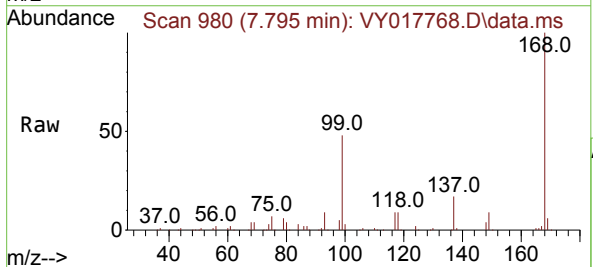
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3

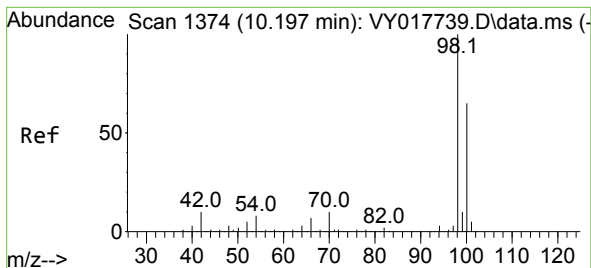
Tgt Ion: 75 Resp: 9269
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.278 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY017768.D
 Acq: 26 Mar 2024 14:36

Tgt Ion: 117 Resp: 12236
 Ion Ratio Lower Upper
 117 100
 119 3.9 75.8 113.6#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 50.009 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017768.D

Acq: 26 Mar 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

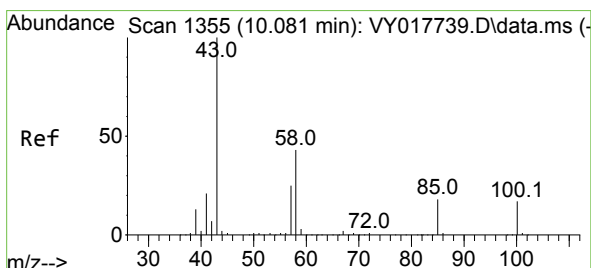
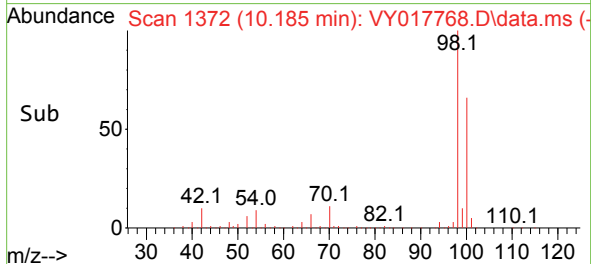
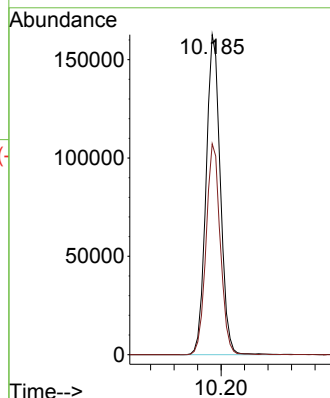
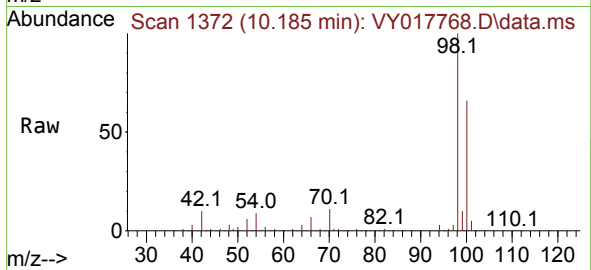
SOIL-3

Tgt Ion: 98 Resp: 274284

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 6.162 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY017768.D

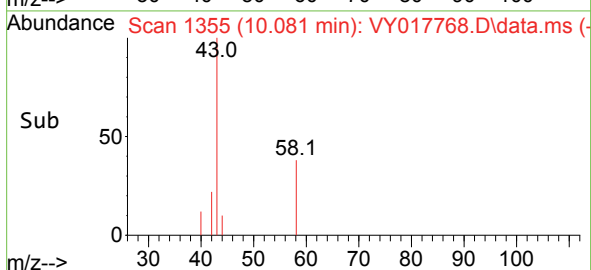
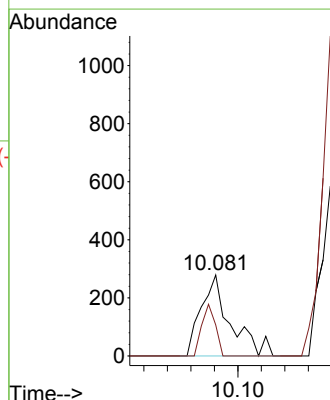
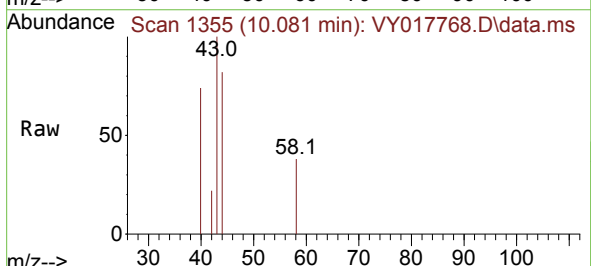
Acq: 26 Mar 2024 14:36

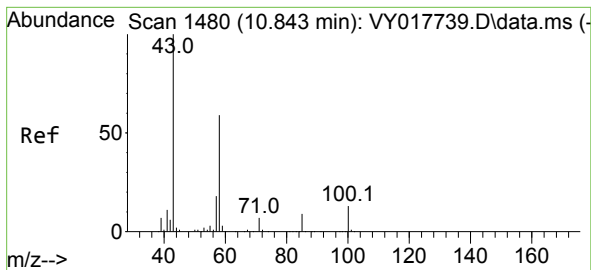
Tgt Ion: 43 Resp: 483

Ion Ratio Lower Upper

43 100

58 29.4 35.7 53.5#

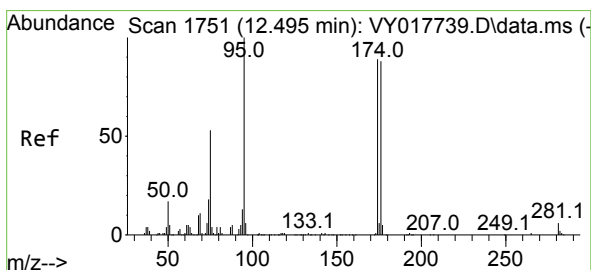
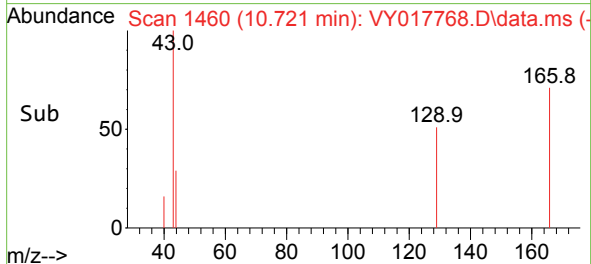
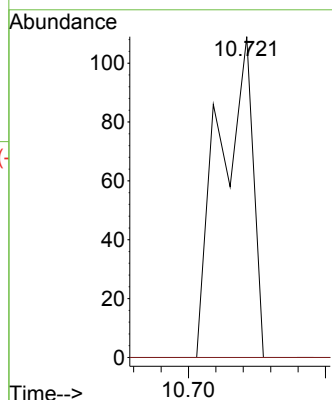
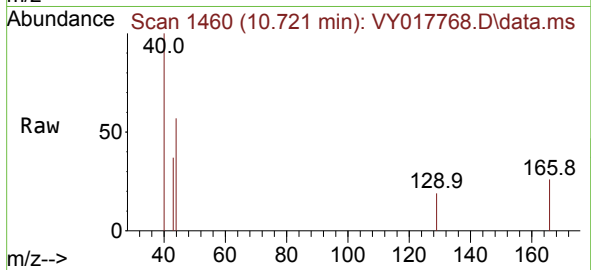




#59
2-Hexanone
Concen: 9.625 ug/l
RT: 10.721 min Scan# 1480
Delta R.T. -0.122 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

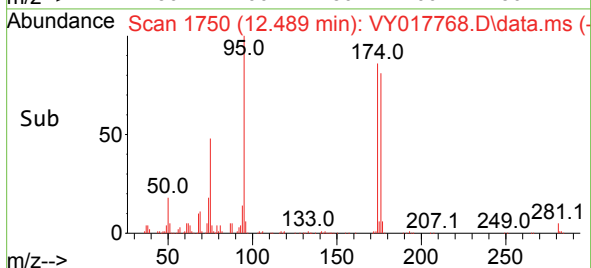
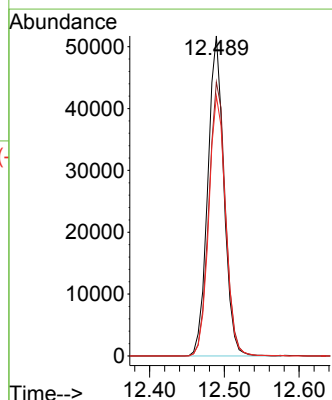
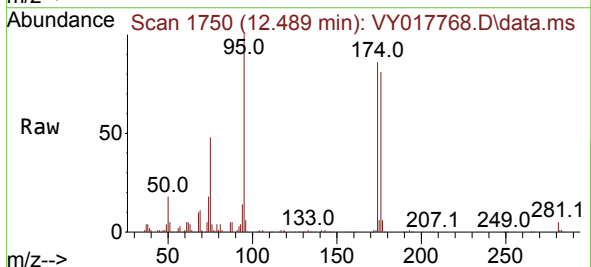
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

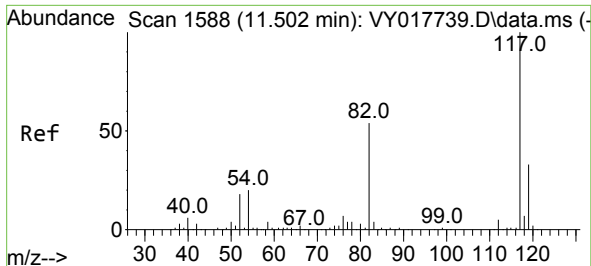
Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#



#62
4-Bromofluorobenzene
Concen: 46.993 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

Tgt Ion: 95 Resp: 77395
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.6
176 84.9 0.0 171.4

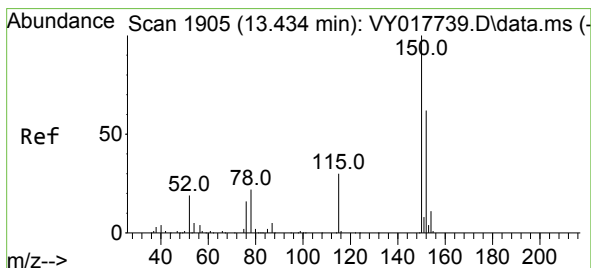
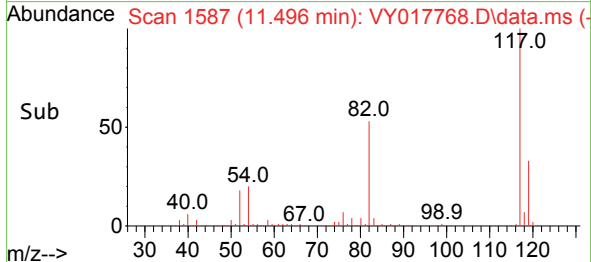
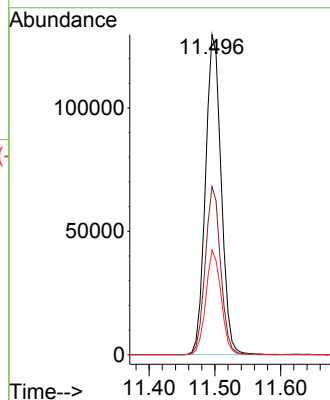
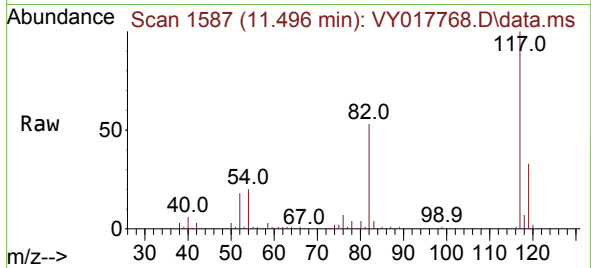




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

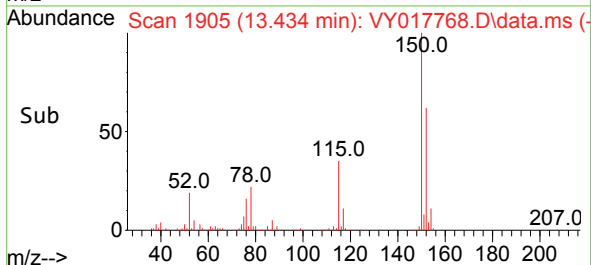
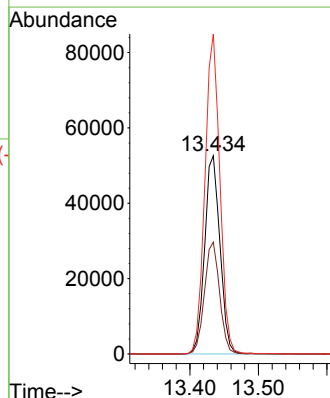
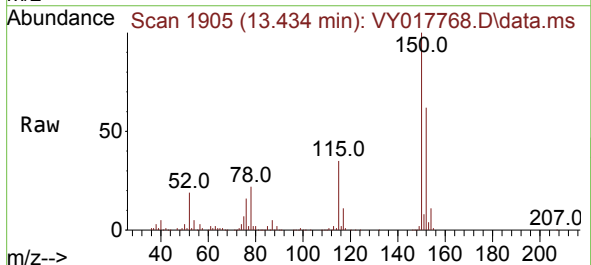
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

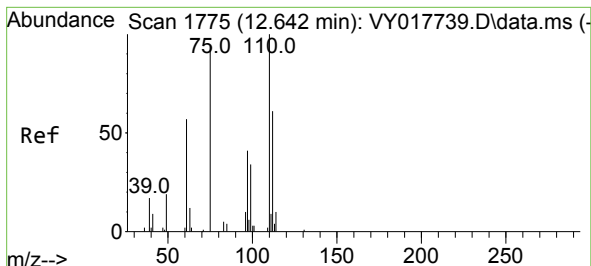
Tgt Ion:117 Resp: 215542
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

Tgt Ion:152 Resp: 81990
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 157.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 52.065 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY017768.D

Acq: 26 Mar 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

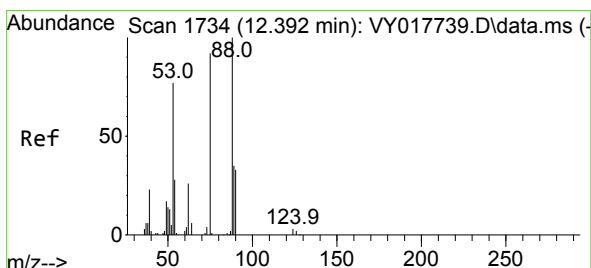
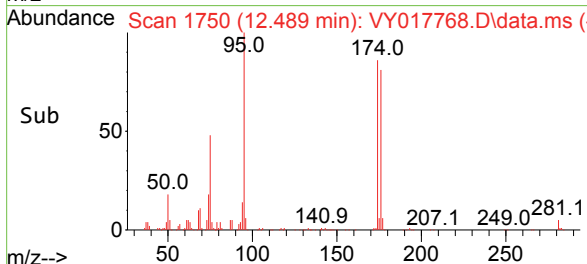
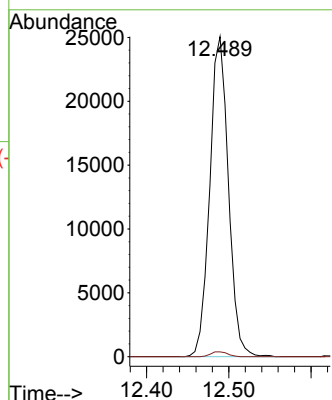
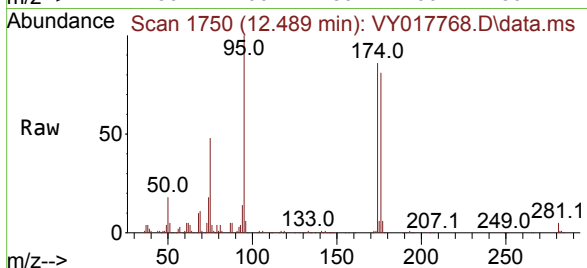
SOIL-3

Tgt Ion: 75 Resp: 39420

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 120.307 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.097 min

Lab File: VY017768.D

Acq: 26 Mar 2024 14:36

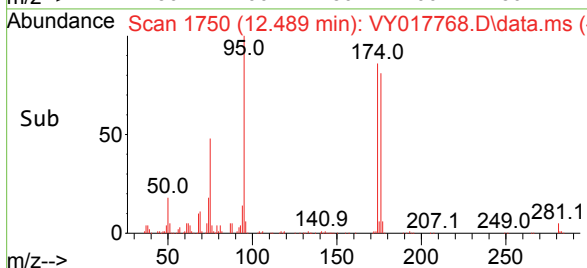
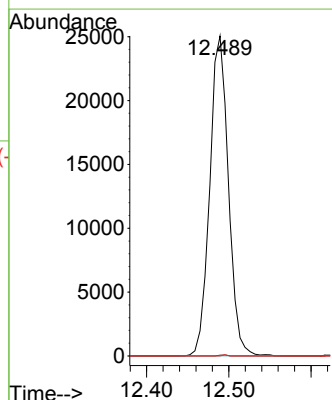
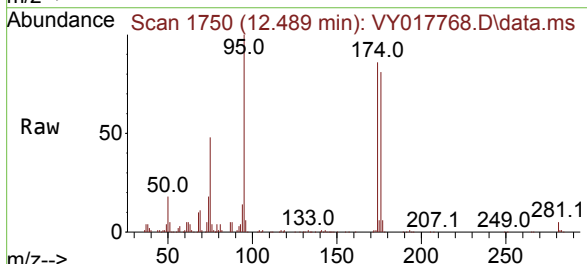
Tgt Ion: 75 Resp: 39420

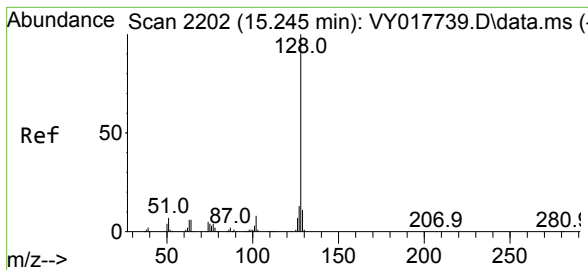
Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 2.696 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017768.D
Acq: 26 Mar 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

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

