

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012924\
 Data File : VY017130.D
 Acq On : 29 Jan 2024 13:12
 Operator : SY/MD
 Sample : P1270-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SOIL-20240126

Quant Time: Jan 30 00:30:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

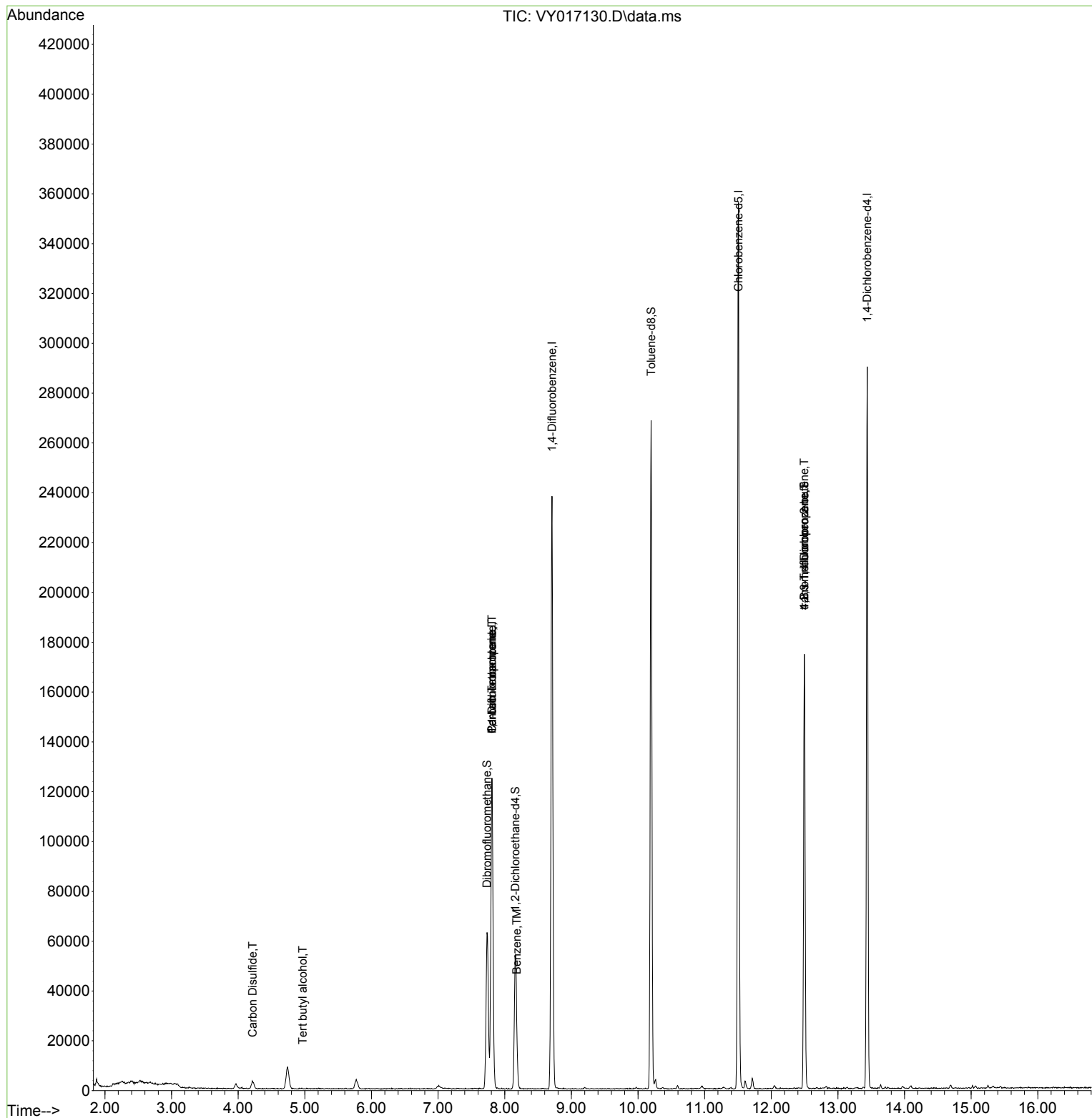
Internal Standards						
1) Pentafluorobenzene	7.807	168	95754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	206055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	195024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	71639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	39785	42.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.280%		
35) Dibromofluoromethane	7.734	113	46855	37.676	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	75.360%		
50) Toluene-d8	10.197	98	172429	36.709	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	73.420%		
62) 4-Bromofluorobenzene	12.496	95	54220	37.470	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.940%		
Target Compounds						Qvalue
3) Chloromethane	2.132	50	164	Below Cal	#	41
4) Vinyl Chloride	2.253	62	147	Below Cal	#	43
5) Bromomethane	2.680	94	213	Below Cal	#	60
6) Chloroethane	2.759	64	20	Below Cal	#	43
11) Tert butyl alcohol	4.966	59	132	1.882 ug/l	#	75
16) Acetone	3.967	43	3323	Below Cal		99
17) Carbon Disulfide	4.217	76	5737	1.941 ug/l	#	90
25) 2-Butanone	7.009	43	738	Below Cal		94
31) Cyclohexane	7.801	56	2189	Below Cal	#	1
36) 1,1-Dichloropropene	7.807	75	8004	3.912 ug/l	#	49
38) Carbon Tetrachloride	7.807	117	9382	4.679 ug/l	#	18
40) Benzene	8.179	78	6778	1.141 ug/l		94
76) 1,2,3-Trichloropropane	12.496	75	28317	32.565 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.496	75	28317	84.307 ug/l	#	12

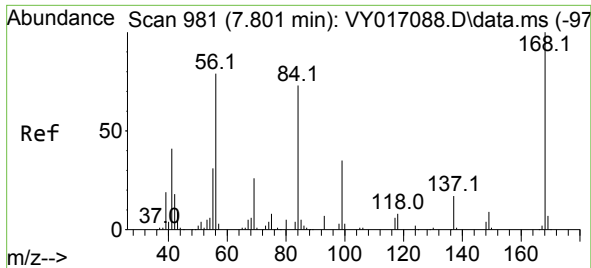
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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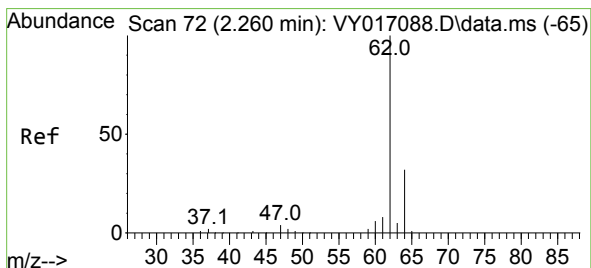
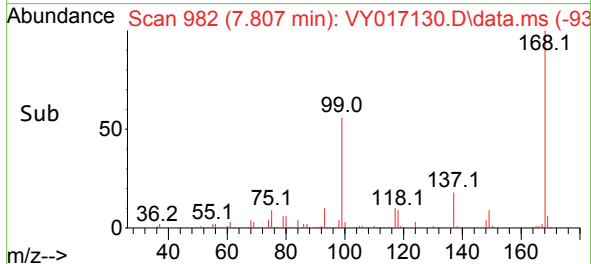
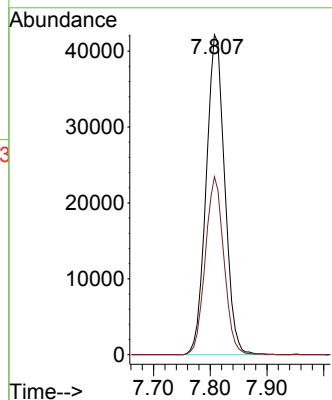
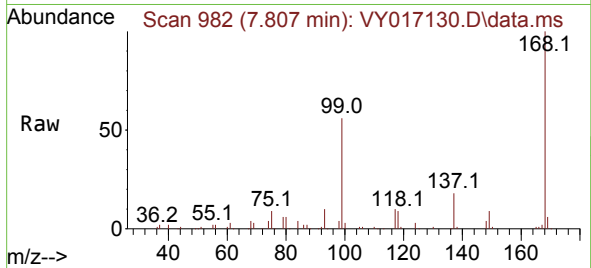




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

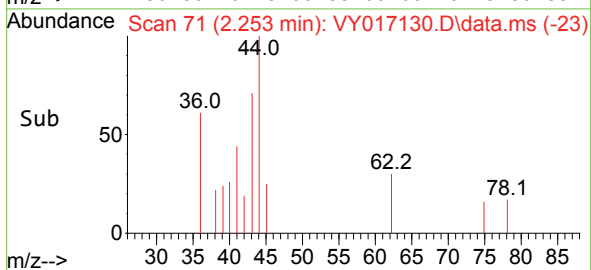
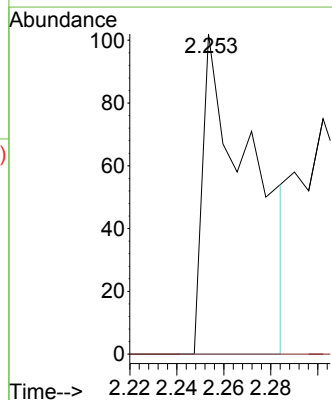
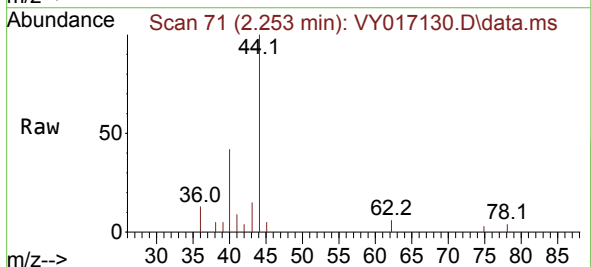
Instrument :
MSVOA_Y
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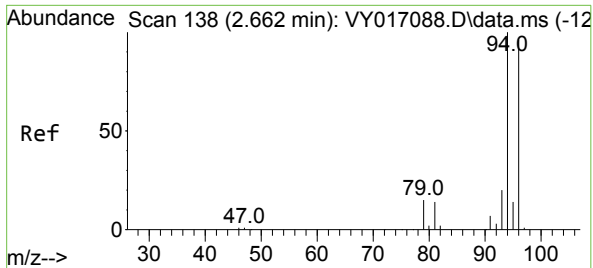
Tgt Ion:168 Resp: 95754
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

Tgt Ion: 62 Resp: 147
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.680 min Scan# 141

Delta R.T. 0.018 min

Lab File: VY017130.D

Acq: 29 Jan 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

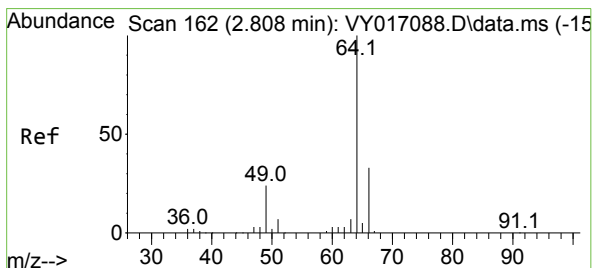
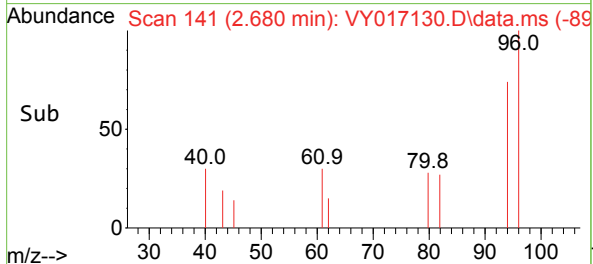
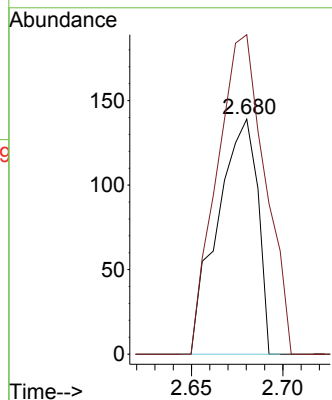
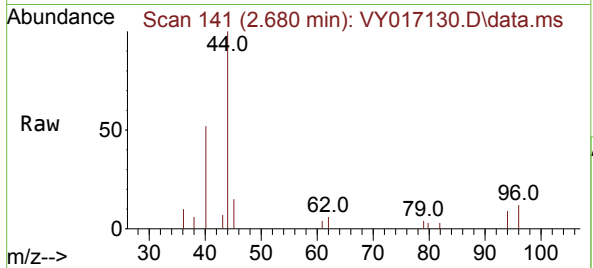
WC-SOIL-20240126

Tgt Ion: 94 Resp: 213

Ion Ratio Lower Upper

94 100

96 136.0 77.3 115.9#



#6

Chloroethane

Concen: Below Cal

RT: 2.759 min Scan# 154

Delta R.T. -0.049 min

Lab File: VY017130.D

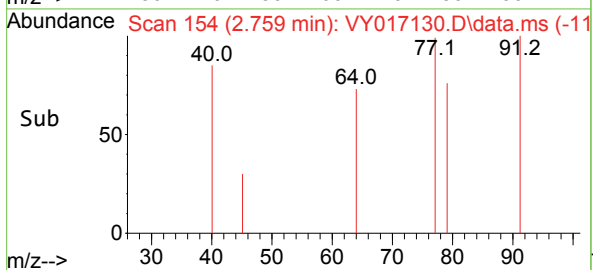
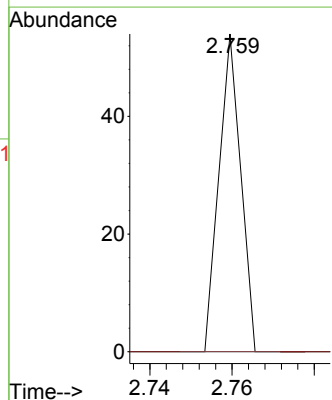
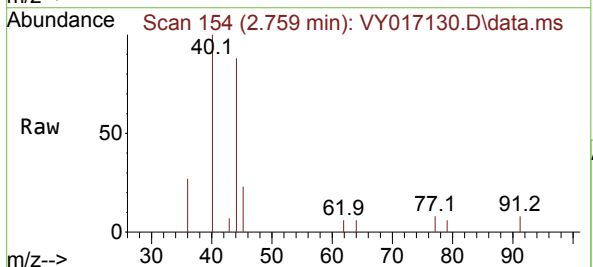
Acq: 29 Jan 2024 13:12

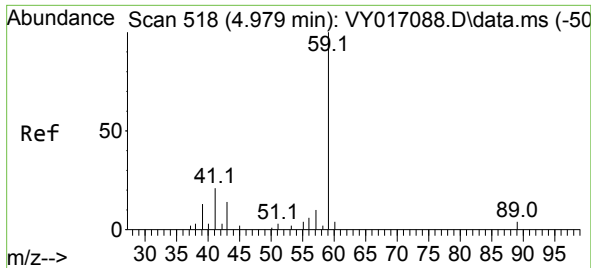
Tgt Ion: 64 Resp: 20

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#

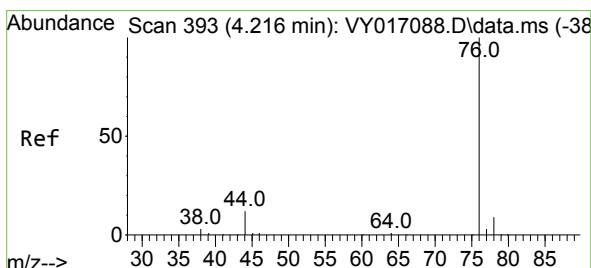
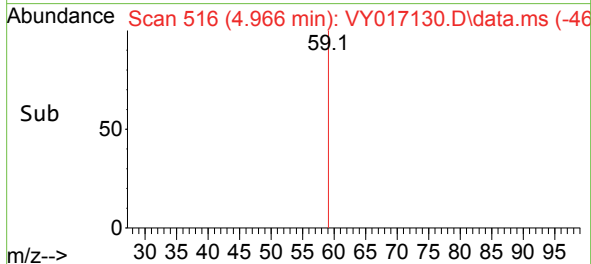
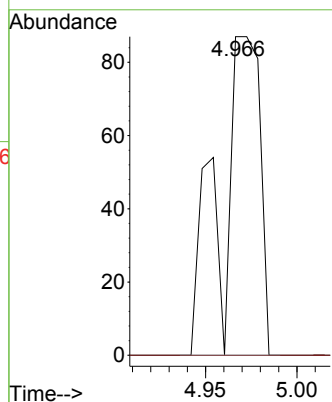
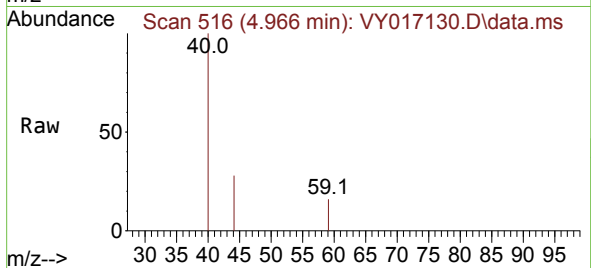




#11
Tert butyl alcohol
Concen: 1.882 ug/l
RT: 4.966 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

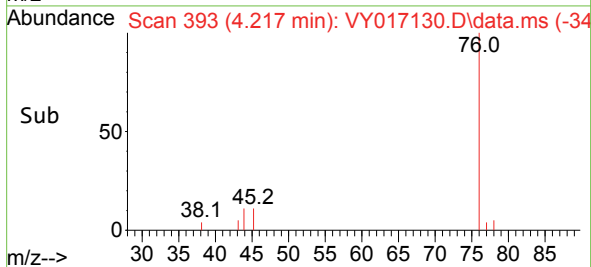
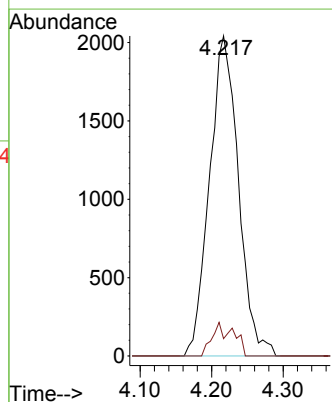
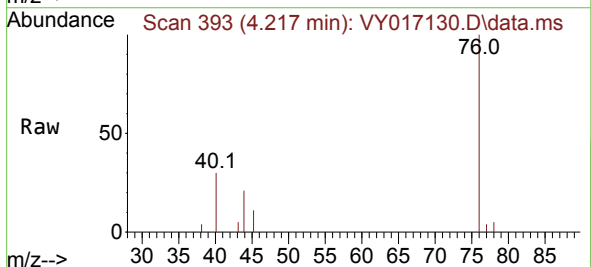
Instrument :
MSVOA_Y
ClientSampleId :
WC-SOIL-20240126

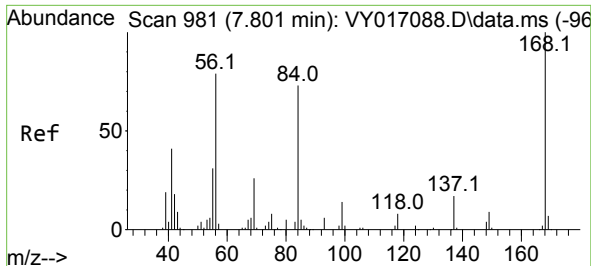
Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#17
Carbon Disulfide
Concen: 1.941 ug/l
RT: 4.217 min Scan# 393
Delta R.T. 0.007 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

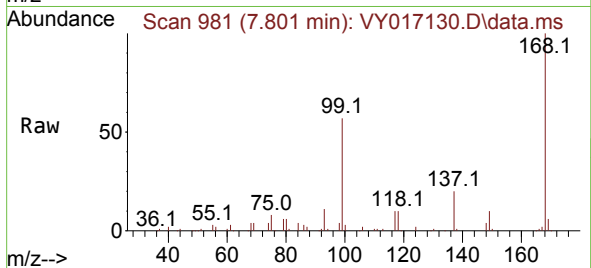
Tgt Ion: 76 Resp: 5737
Ion Ratio Lower Upper
76 100
78 5.4 7.4 11.0#



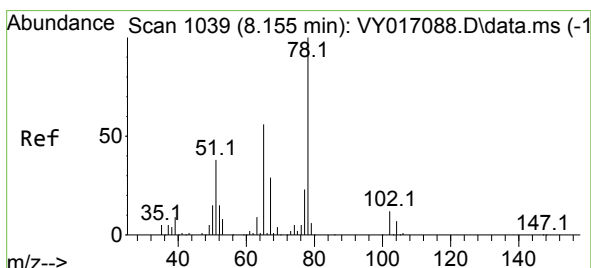
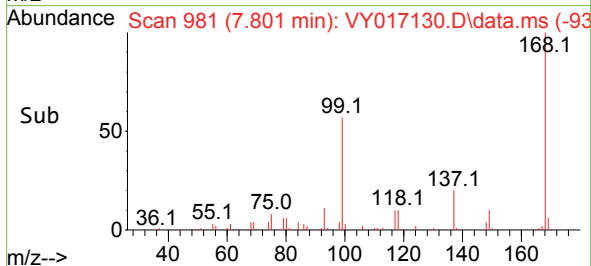
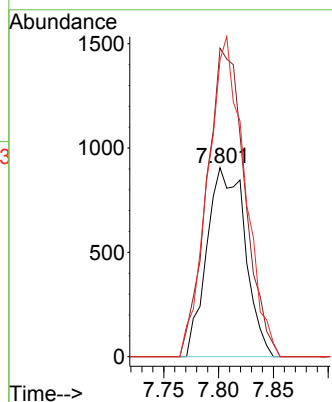


#31
Cyclohexane
Concen: Below Cal
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :
WC-SOIL-20240126

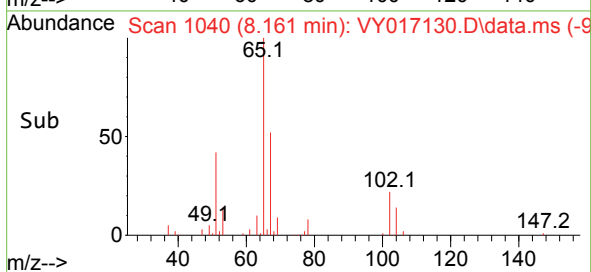
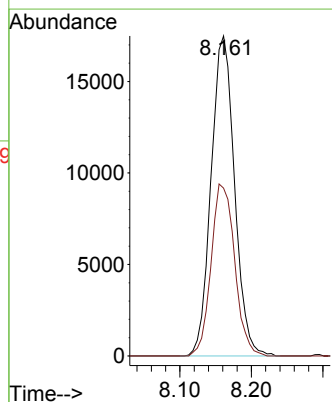
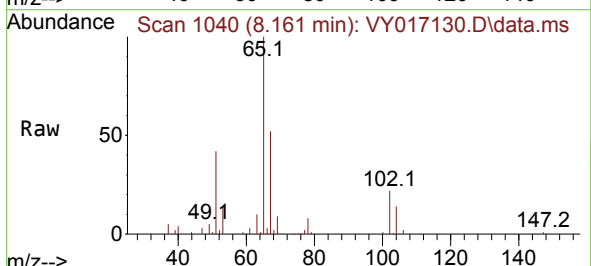


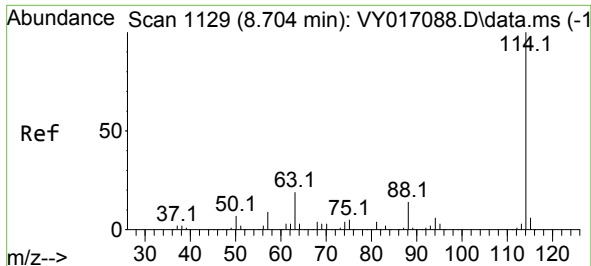
Tgt Ion: 56 Resp: 2189
Ion Ratio Lower Upper
56 100
69 163.2 27.0 40.6#
84 157.1 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 42.645 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

Tgt Ion: 65 Resp: 39785
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY017130.D

Acq: 29 Jan 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

WC-SOIL-20240126

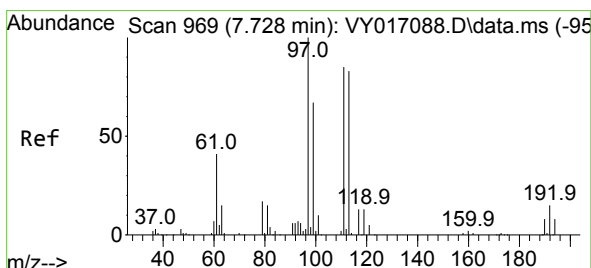
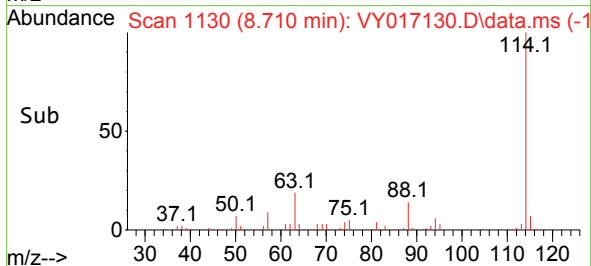
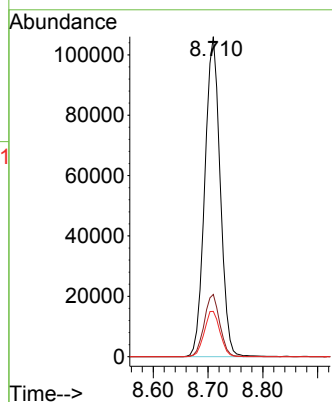
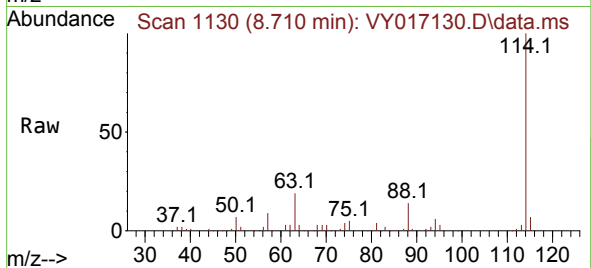
Tgt Ion:114 Resp: 206055

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.676 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017130.D

Acq: 29 Jan 2024 13:12

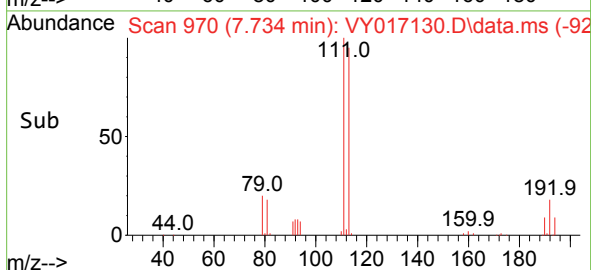
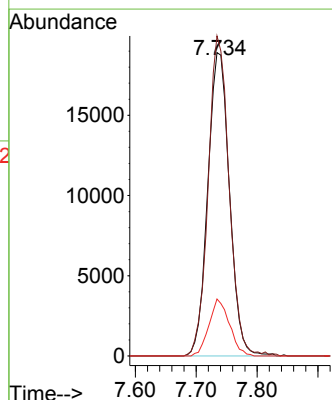
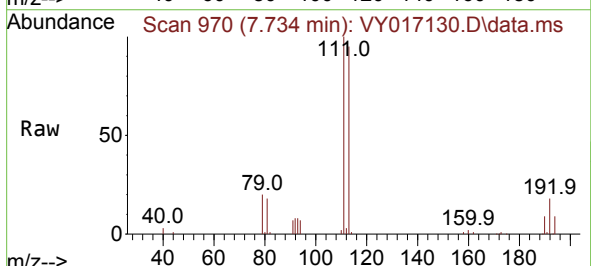
Tgt Ion:113 Resp: 46855

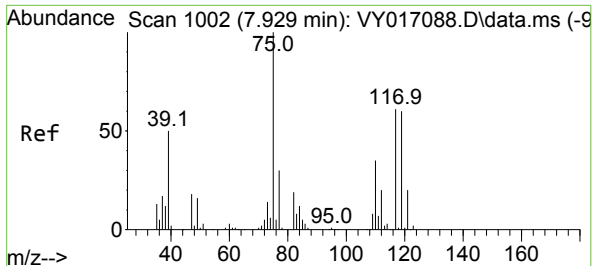
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 17.7 14.5 21.7

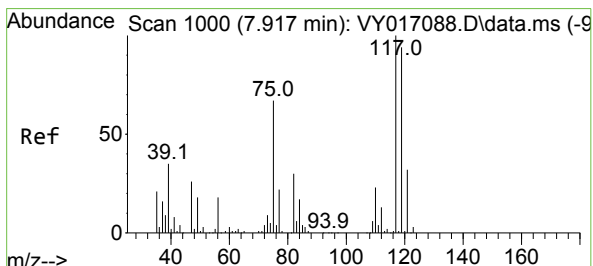
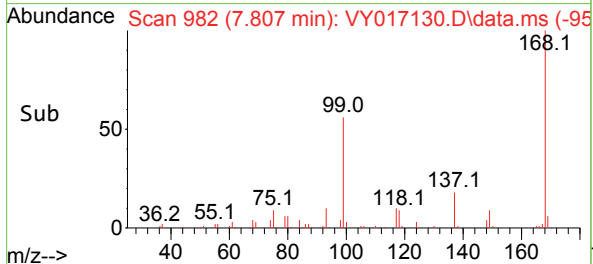
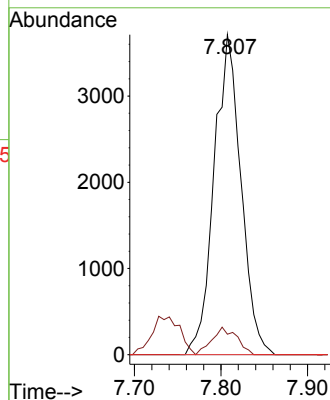
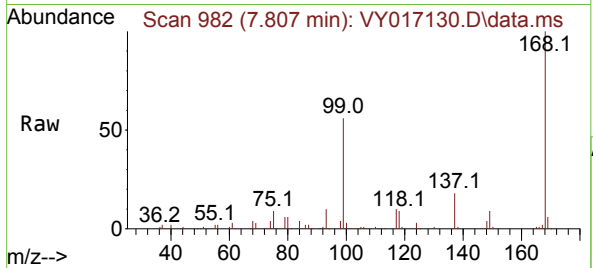




#36
1,1-Dichloropropene
Concen: 3.912 ug/l
RT: 7.807 min Scan# 912
Delta R.T. -0.122 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

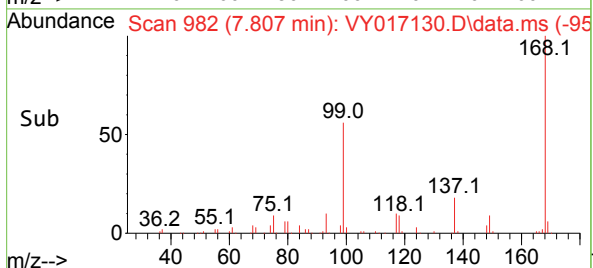
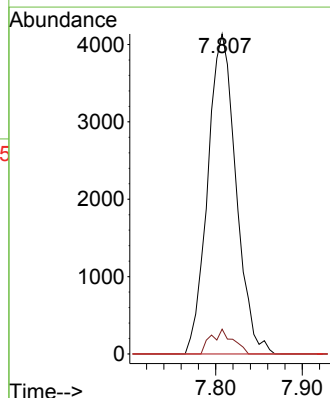
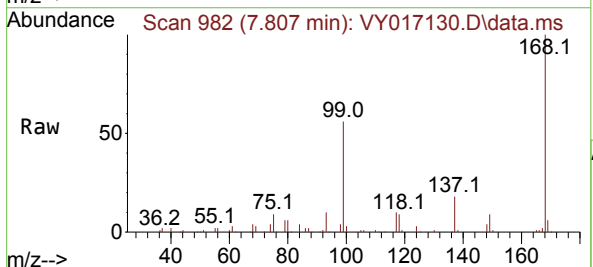
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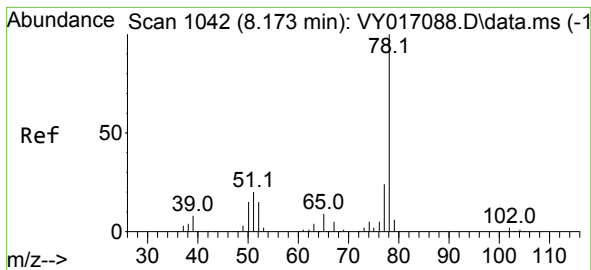
Tgt Ion: 75 Resp: 8004
Ion Ratio Lower Upper
75 100
110 7.9 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.679 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

Tgt Ion: 117 Resp: 9382
Ion Ratio Lower Upper
117 100
119 7.8 76.0 114.0#
121 0.0 24.2 36.2#





#40

Benzene

Concen: 1.141 ug/l

RT: 8.179 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY017130.D

Acq: 29 Jan 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

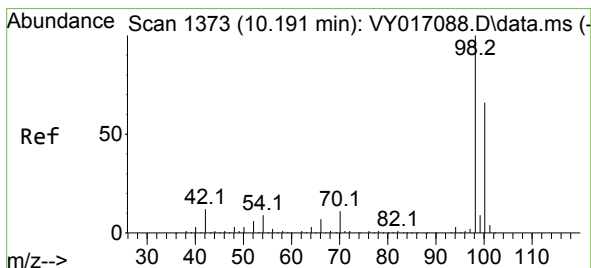
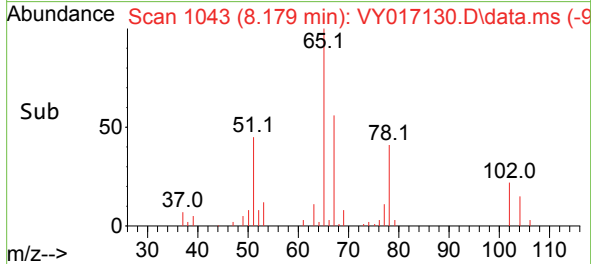
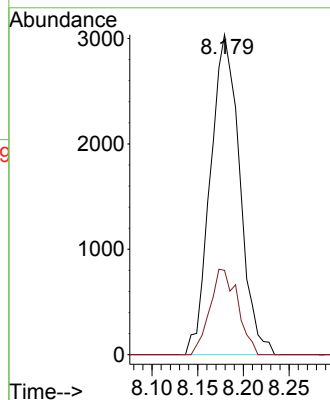
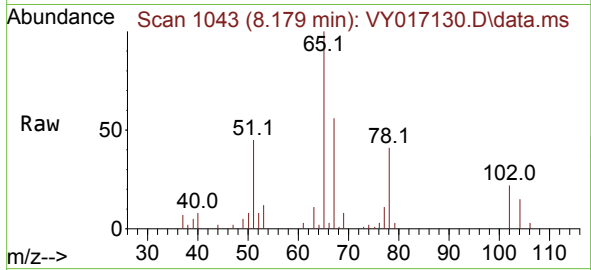
WC-SOIL-20240126

Tgt Ion: 78 Resp: 6778

Ion Ratio Lower Upper

78 100

77 26.4 18.8 28.2



#50

Toluene-d8

Concen: 36.709 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017130.D

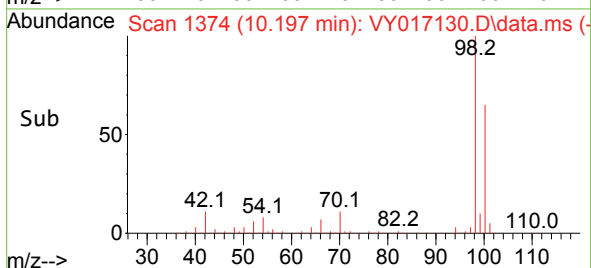
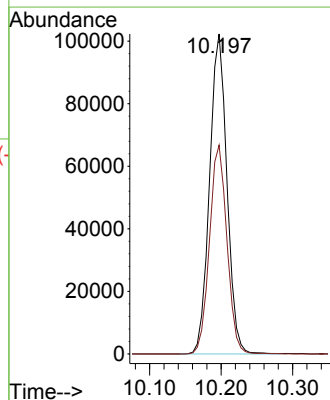
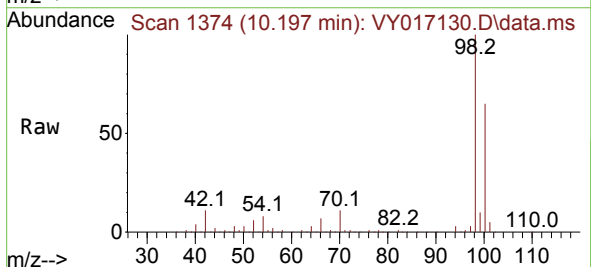
Acq: 29 Jan 2024 13:12

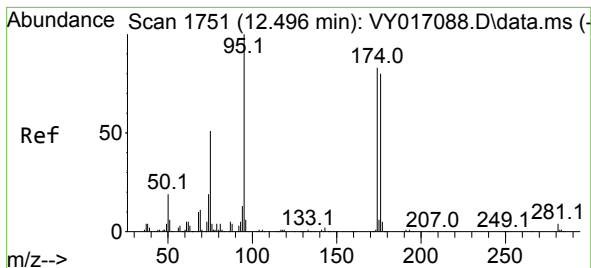
Tgt Ion: 98 Resp: 172429

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5

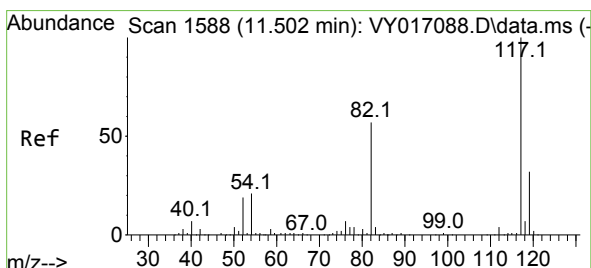
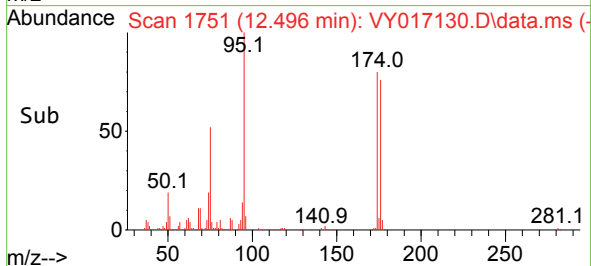
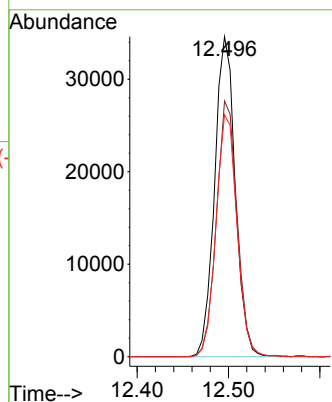
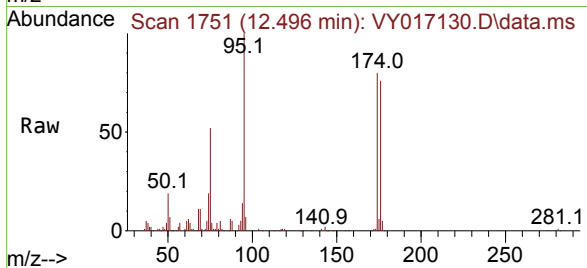




#62
4-Bromofluorobenzene
Concen: 37.470 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

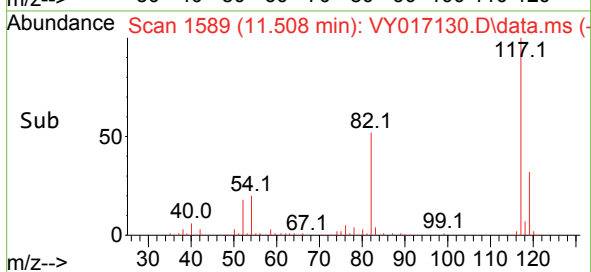
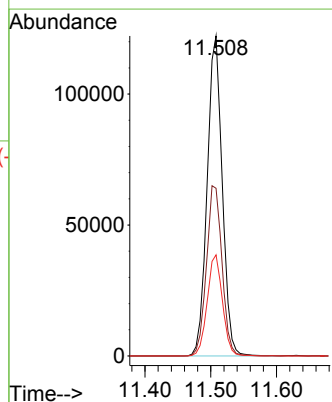
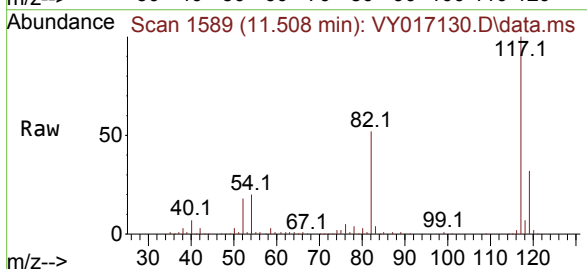
Instrument :
MSVOA_Y
ClientSampleId :
WC-SOIL-20240126

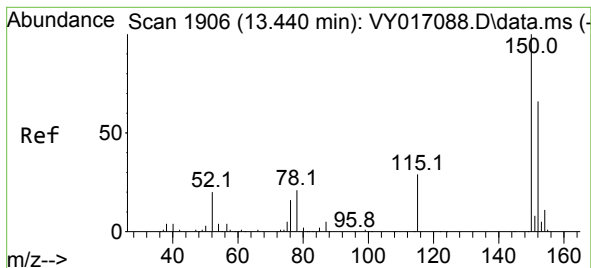
Tgt Ion:	95	Resp:	54220
Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	160.0
176	77.1	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

Tgt Ion:	117	Resp:	195024
Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.8	65.8
119	31.6	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.441 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VY017130.D

Acq: 29 Jan 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

WC-SOIL-20240126

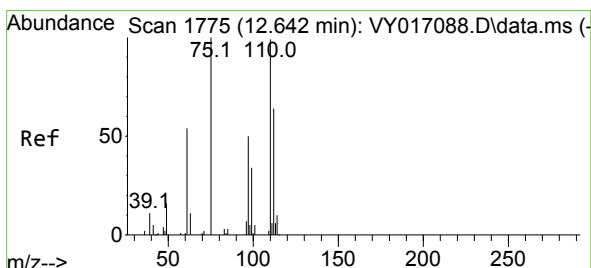
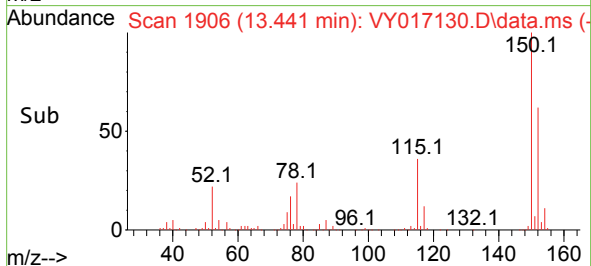
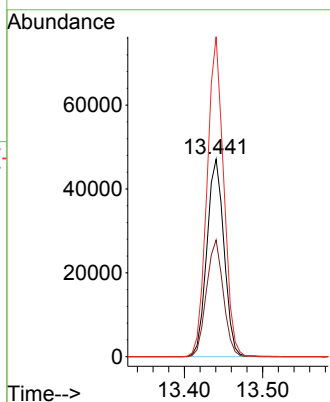
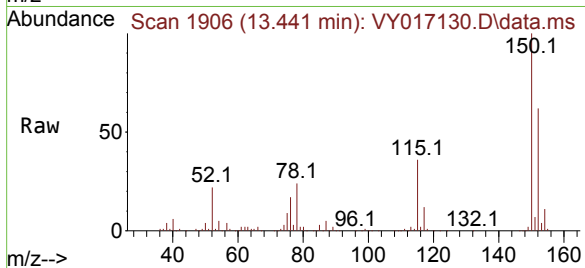
Tgt Ion:152 Resp: 71639

Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 157.5 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 32.565 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY017130.D

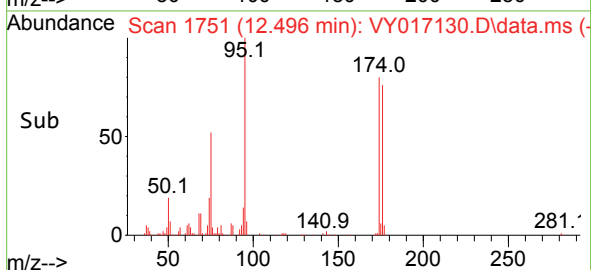
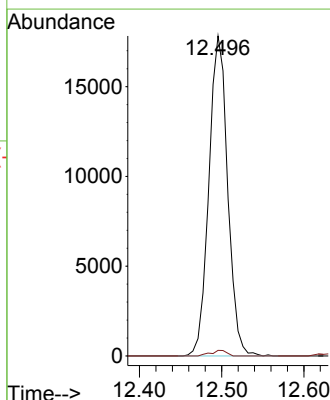
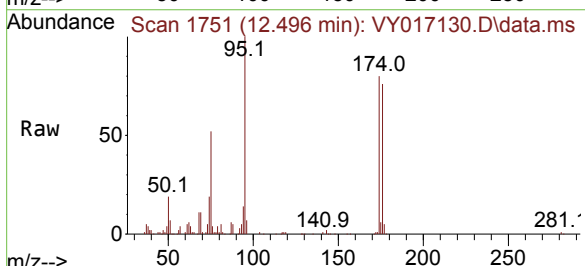
Acq: 29 Jan 2024 13:12

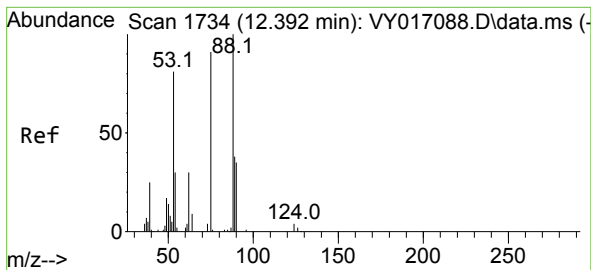
Tgt Ion: 75 Resp: 28317

Ion Ratio Lower Upper

75 100

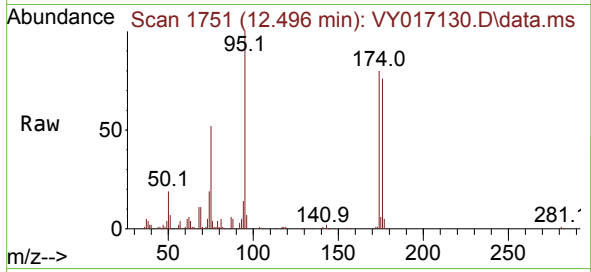
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.307 ug/l
 RT: 12.496 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VY017130.D
 Acq: 29 Jan 2024 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SOIL-20240126



Tgt Ion: 75 Resp: 28317
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.0 111.0#
 89 0.0 36.5 54.7#

