

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)

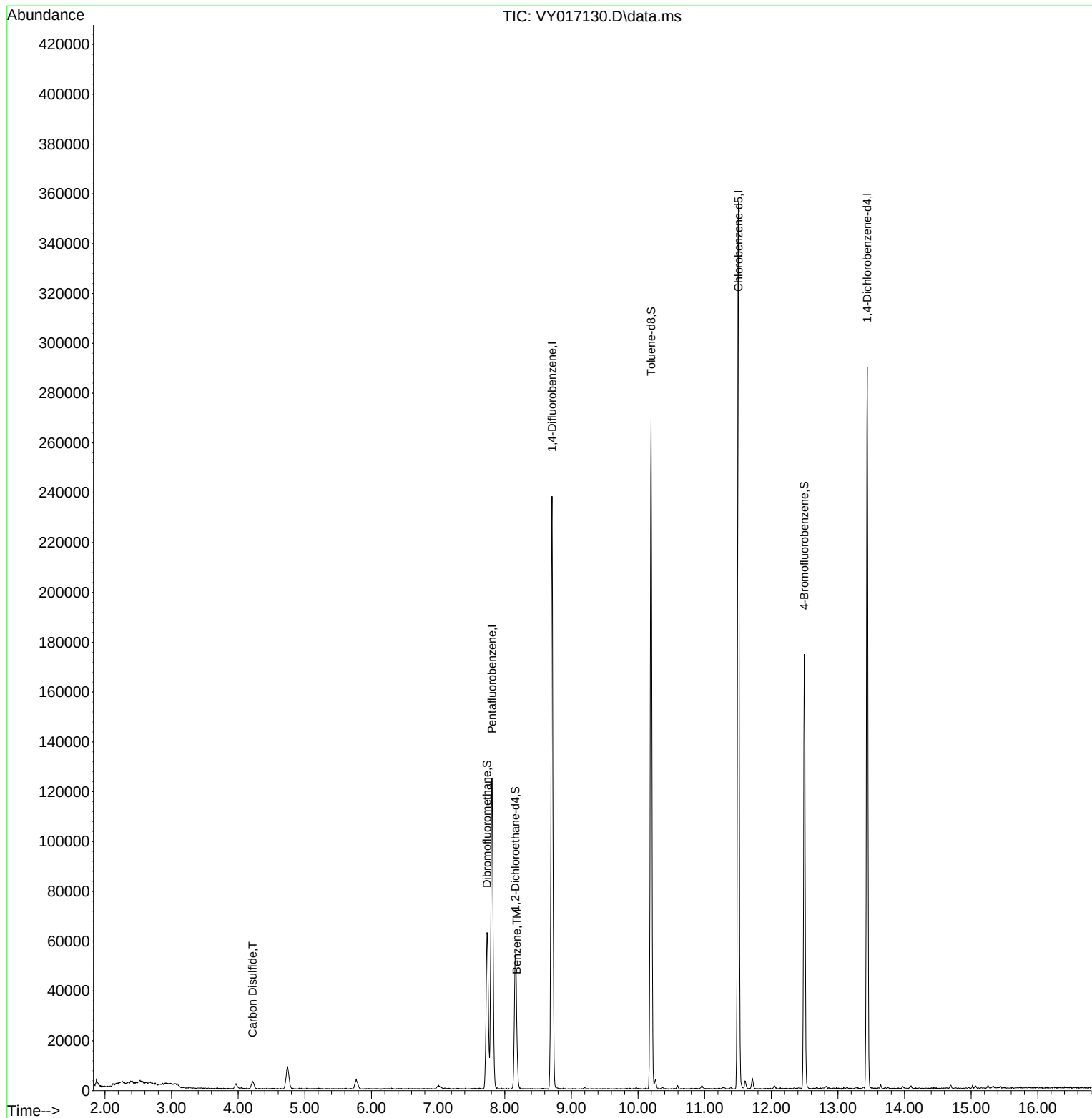
Internal Standards						
1) Pentafluorobenzene	7.807	168	95754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	206055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	195024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	71639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
17) Carbon Disulfide	4.217	76	5737	1.941	ug/l #	90
40) Benzene	8.179	78	6778	1.141	ug/l	94

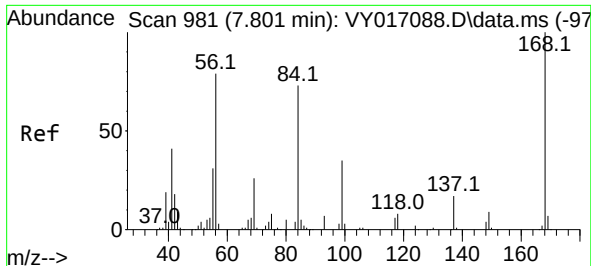
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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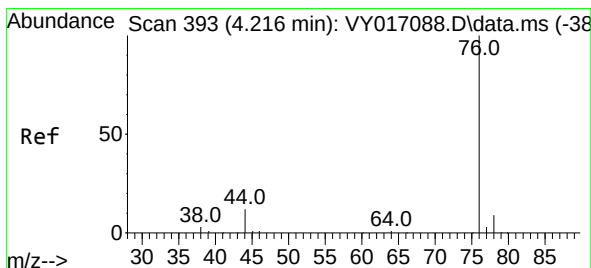
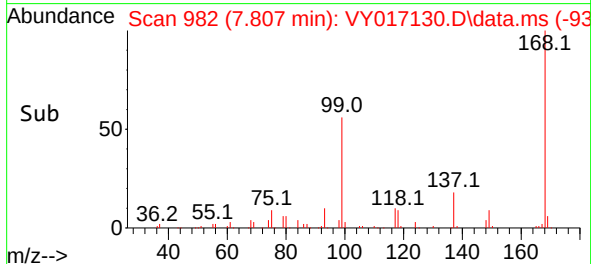
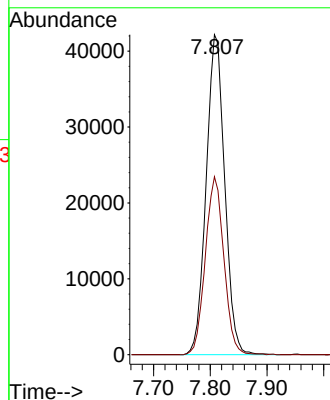
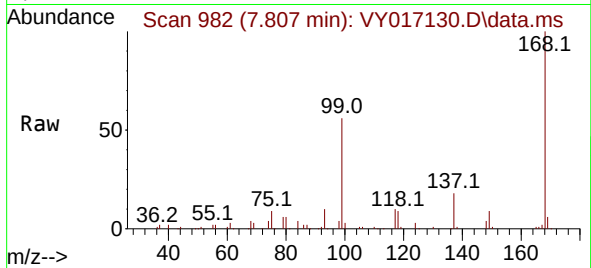




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

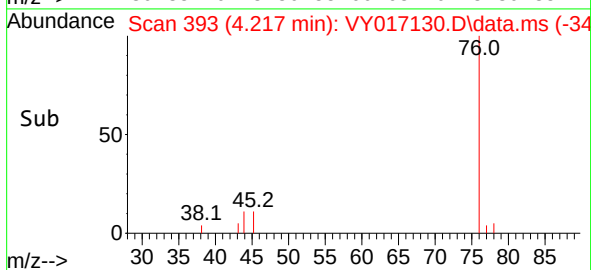
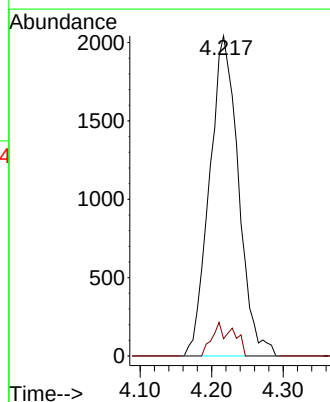
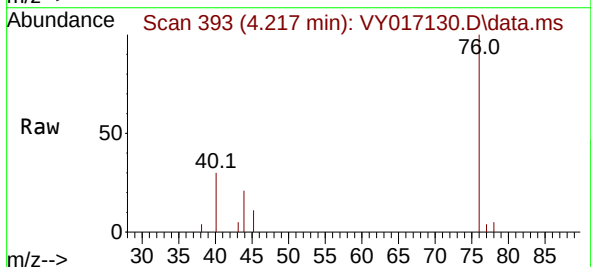
Instrument :
MSVOA_Y
ClientSampleId :
WC-SOIL-20240126

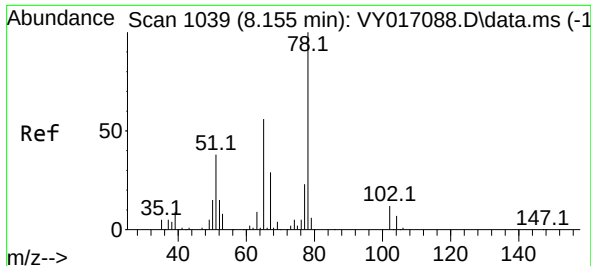
Tgt Ion:168 Resp: 95754
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#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#

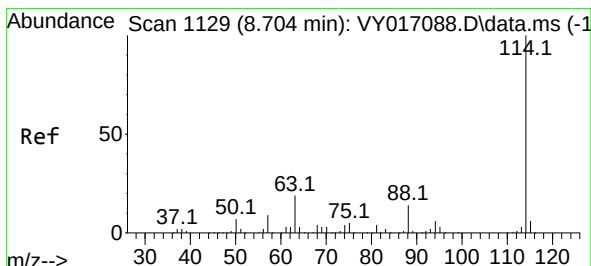
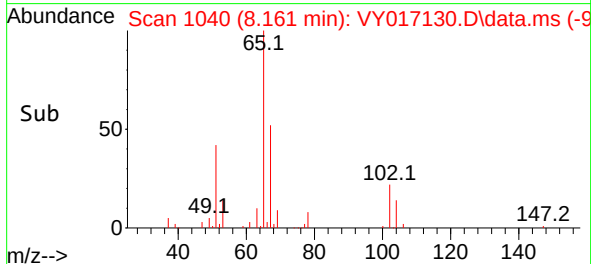
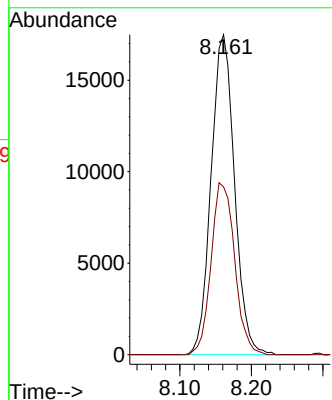
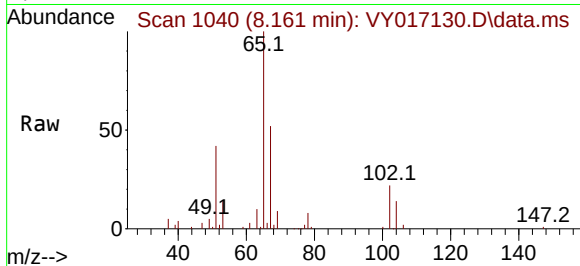




#33
1,2-Dichloroethane-d4
Concen: 42.645 ug/l
RT: 8.161 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

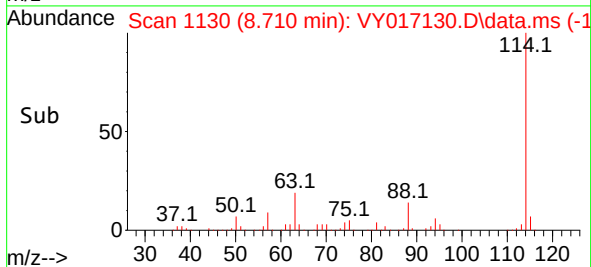
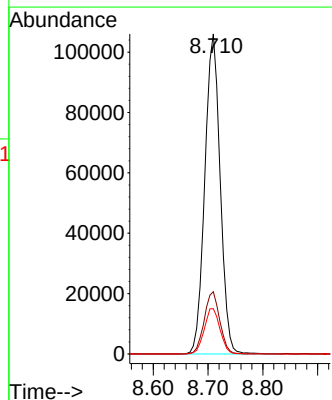
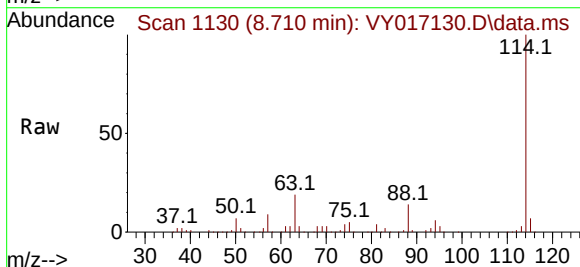
Instrument :
MSVOA_Y
ClientSampleId :
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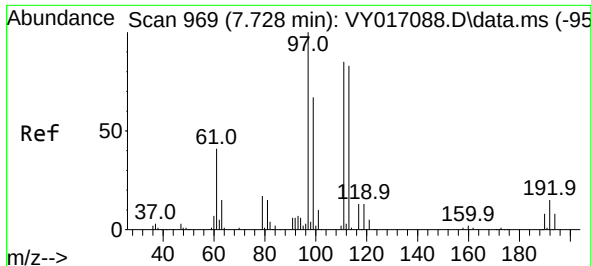
Tgt Ion: 65 Resp: 39785
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1130
Delta R.T. 0.007 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

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

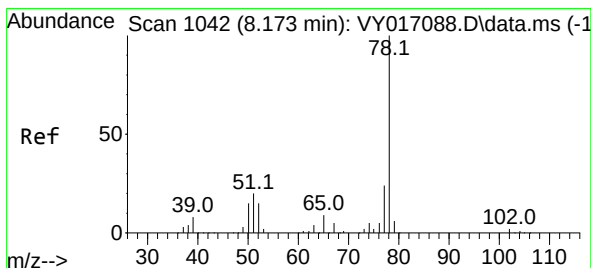
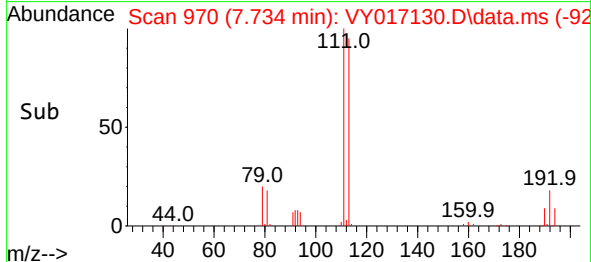
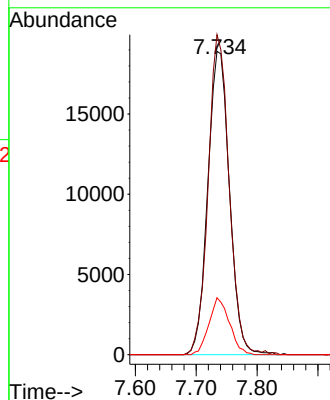
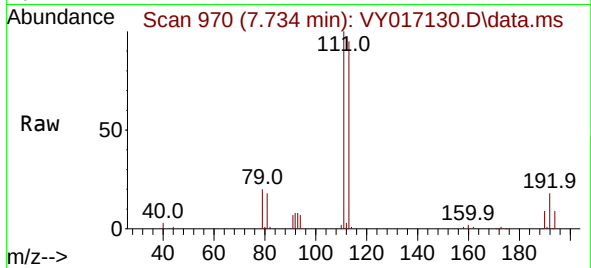




#35
Dibromofluoromethane
Concen: 37.676 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

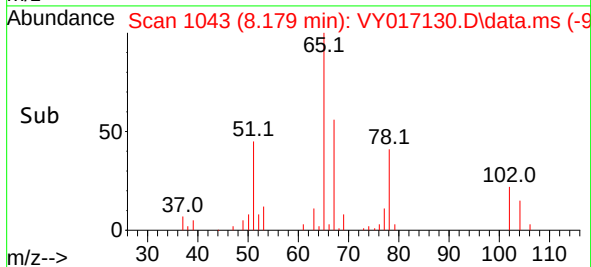
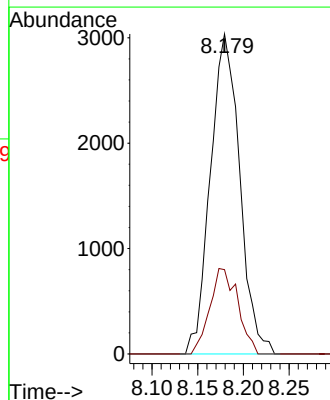
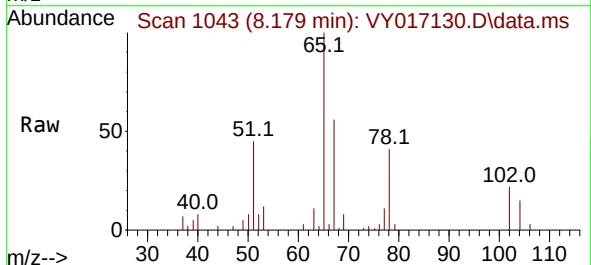
Instrument :
MSVOA_Y
ClientSampleId :
WC-SOIL-20240126

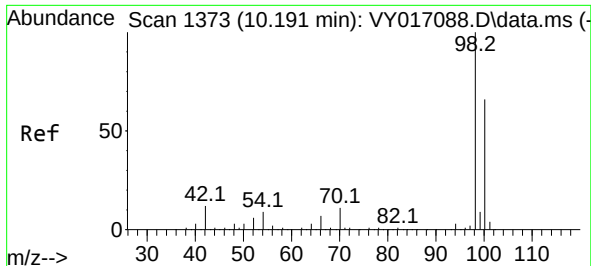
Tgt Ion:113 Resp: 46855
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 17.7 14.5 21.7



#40
Benzene
Concen: 1.141 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

Tgt Ion: 78 Resp: 6778
Ion Ratio Lower Upper
78 100
77 26.4 18.8 28.2

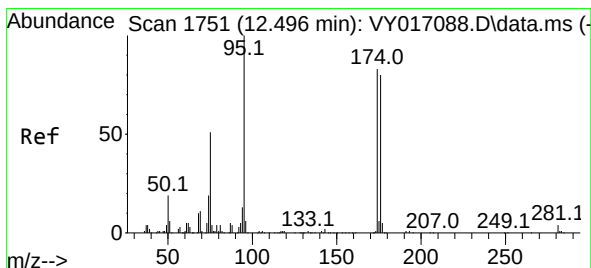
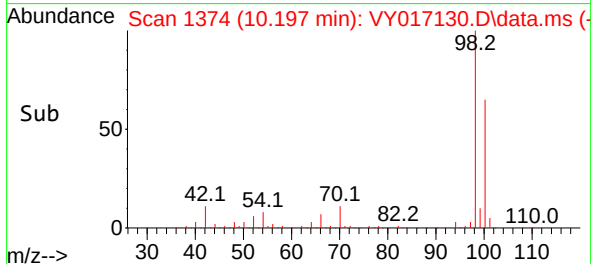
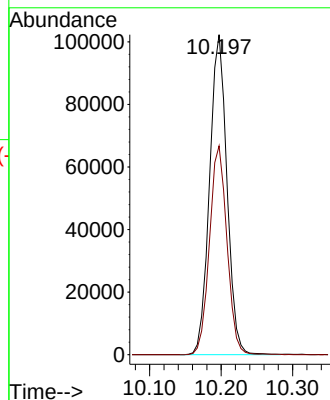
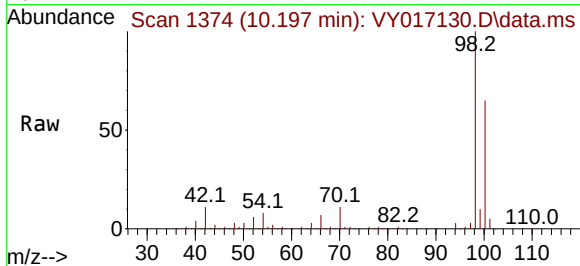




#50
Toluene-d8
Concen: 36.709 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017130.D
Acq: 29 Jan 2024 13:12

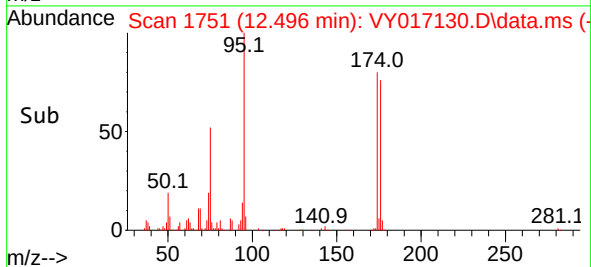
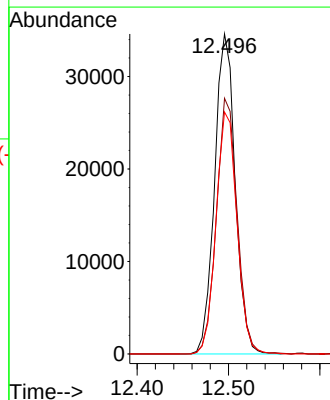
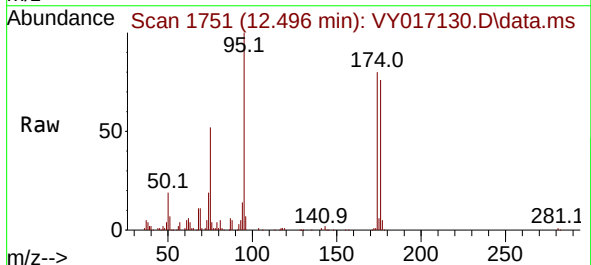
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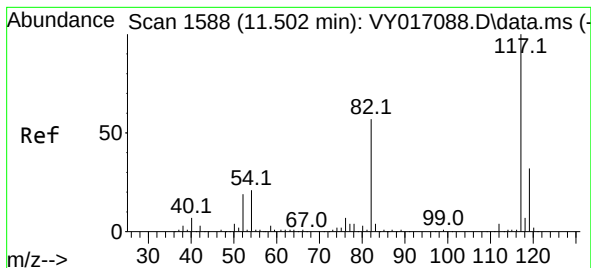
Tgt Ion: 98 Resp: 172429
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#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

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# 11

Delta R.T. 0.006 min

Lab File: VY017130.D

Acq: 29 Jan 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

WC-SOIL-20240126

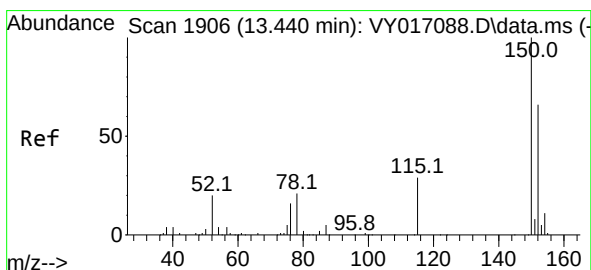
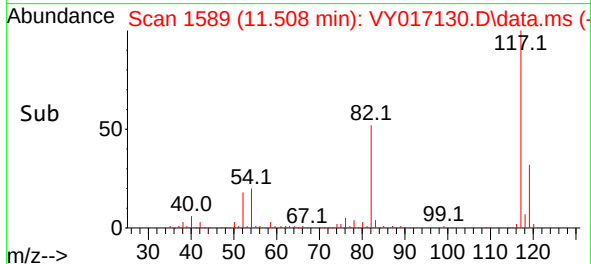
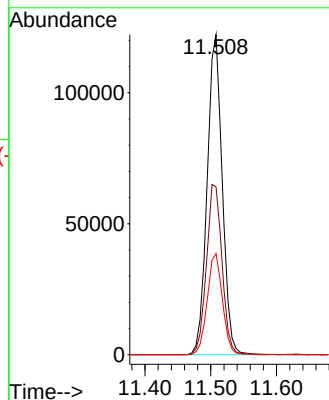
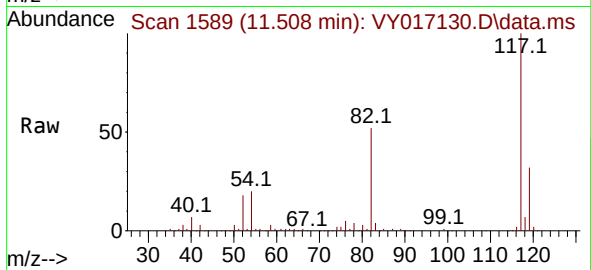
Tgt Ion:117 Resp: 195024

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

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

