

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007558.D
 Acq On : 18 Feb 2022 20:22
 Operator : SY/MD
 Sample : N1611-04
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-COMP

Quant Time: Feb 19 04:37:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

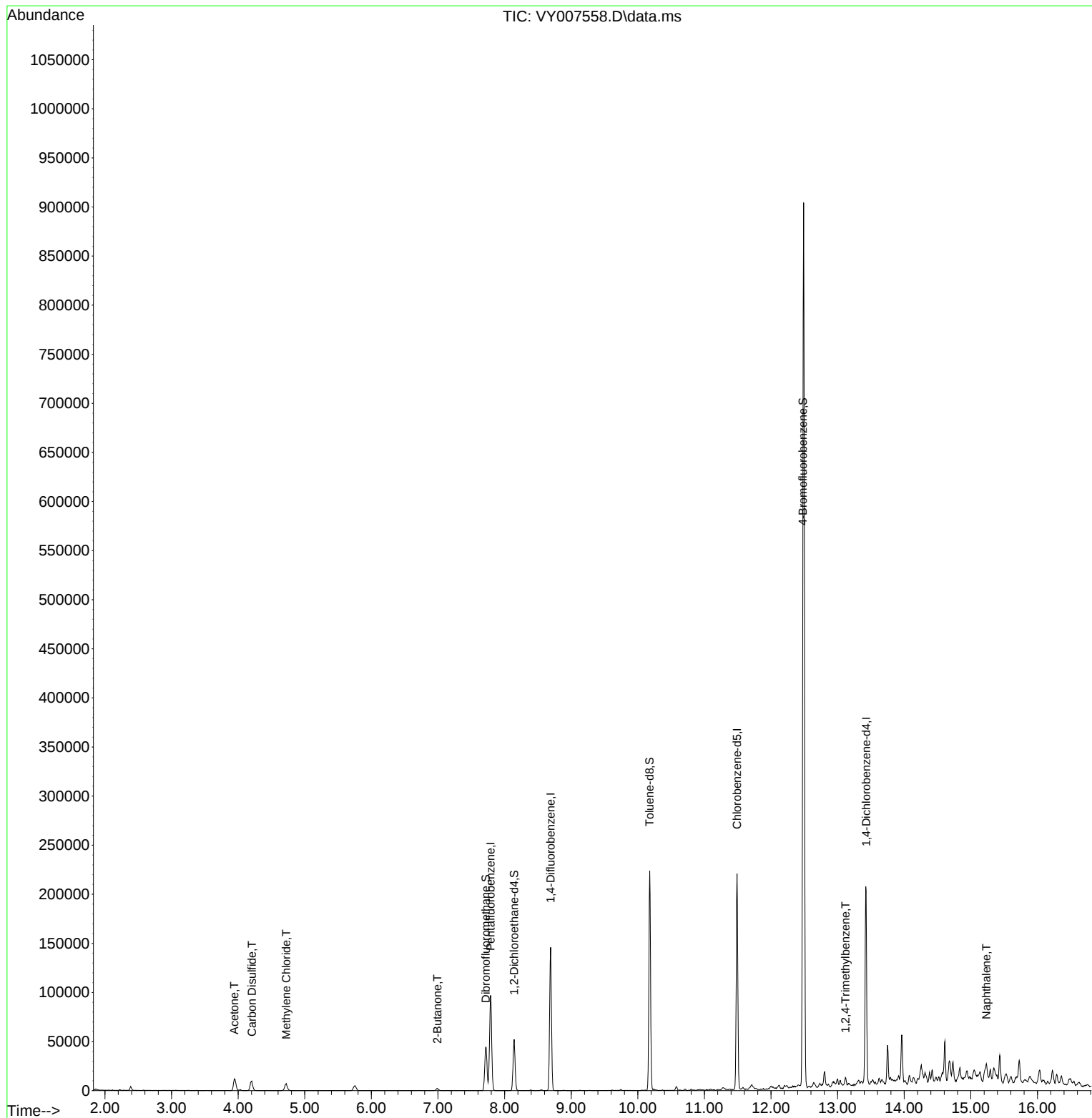
Internal Standards						
1) Pentafluorobenzene	7.789	168	72079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	121736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	118754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	40897	51.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.780%	
35) Dibromofluoromethane	7.716	113	30832	40.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.320%	
50) Toluene-d8	10.179	98	148274	50.852	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.477	95	53044	53.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.300%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	20643	97.773	ug/l	96
17) Carbon Disulfide	4.204	76	19607	8.698	ug/l	99
20) Methylene Chloride	4.722	84	5260	6.079	ug/l #	79
25) 2-Butanone	6.990	43	3353	12.826	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.117	105	4929	1.342	ug/l	93
95) Naphthalene	15.233	128	11984	5.457	ug/l	98

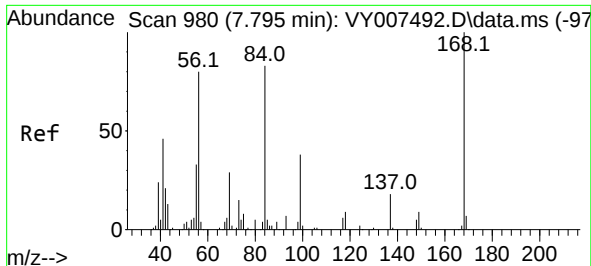
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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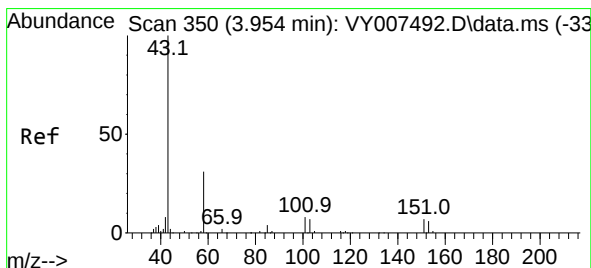
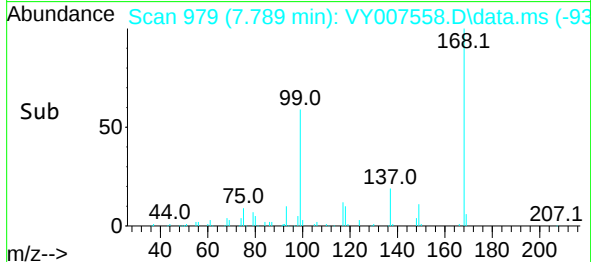
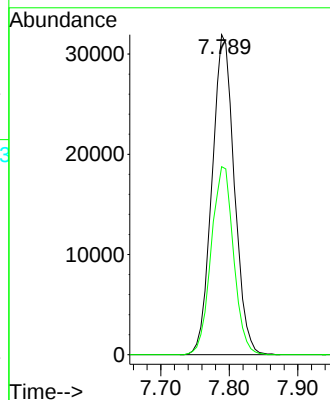
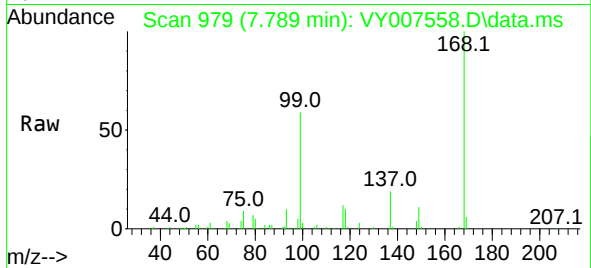




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

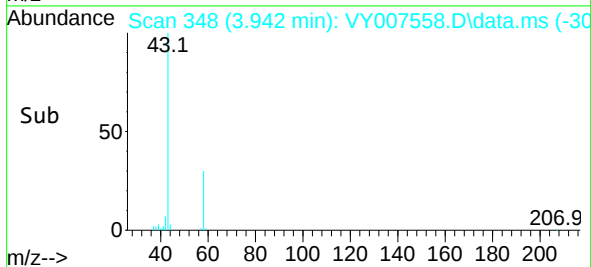
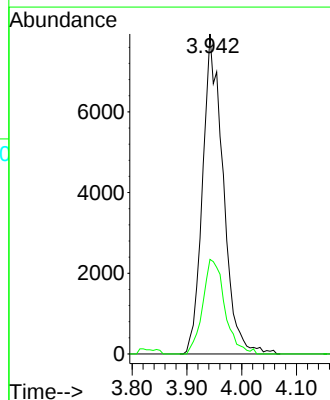
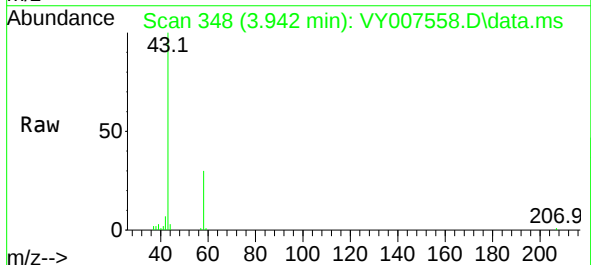
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

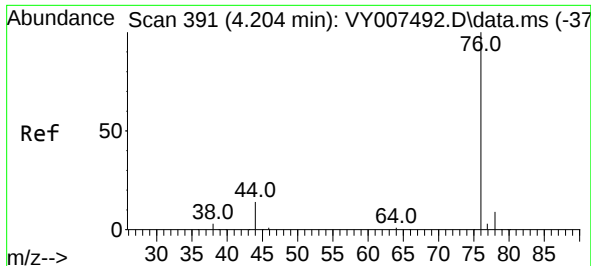
Tgt Ion:168 Resp: 72079
Ion Ratio Lower Upper
168 100
99 58.8 46.9 70.3



#16
Acetone
Concen: 97.773 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

Tgt Ion: 43 Resp: 20643
Ion Ratio Lower Upper
43 100
58 29.6 22.0 33.0

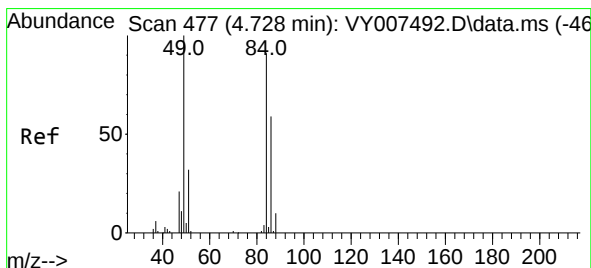
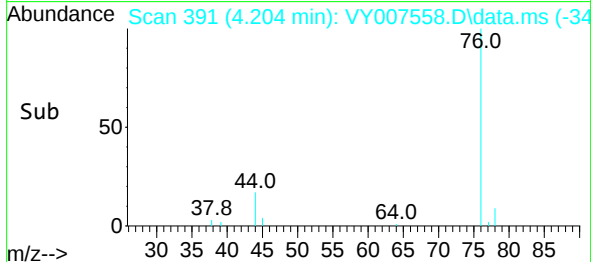
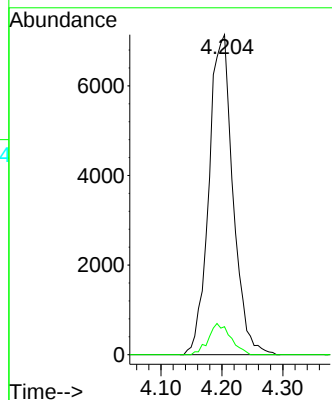
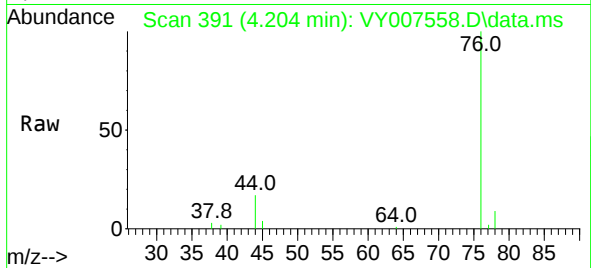




#17
Carbon Disulfide
Concen: 8.698 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

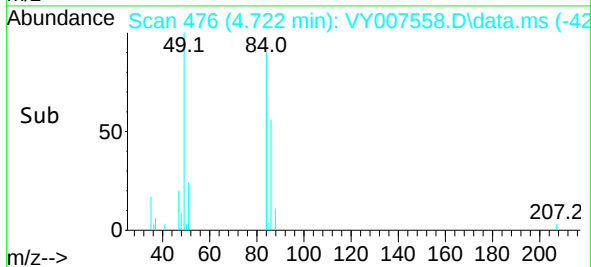
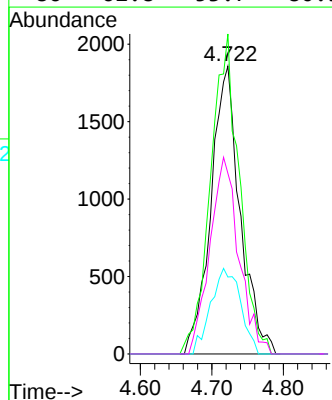
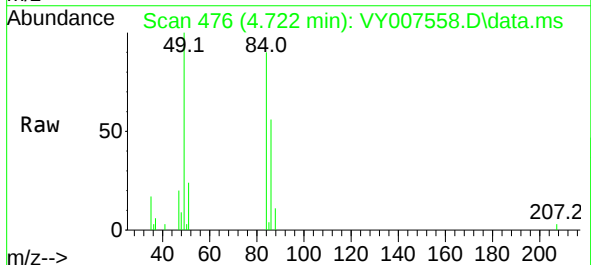
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

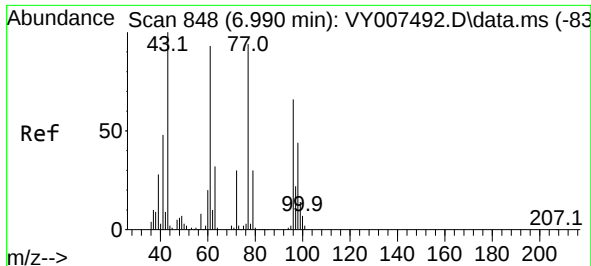
Tgt Ion: 76 Resp: 19607
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#20
Methylene Chloride
Concen: 6.079 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

Tgt Ion: 84 Resp: 5260
Ion Ratio Lower Upper
84 100
49 111.3 114.4 171.6#
51 26.8 35.3 52.9#
86 62.8 53.7 80.5

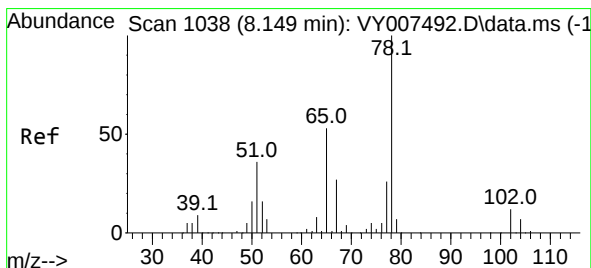
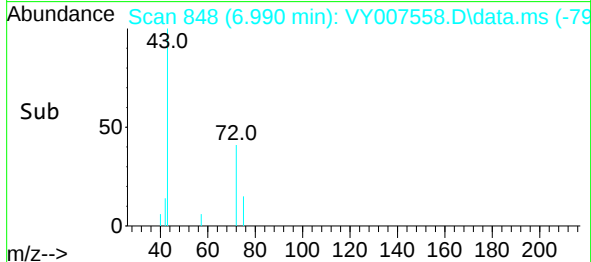
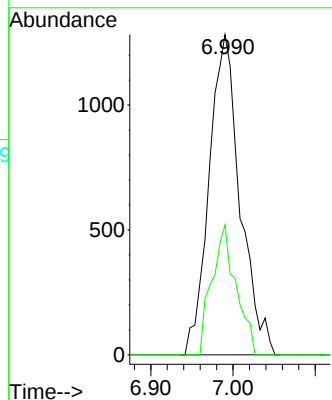
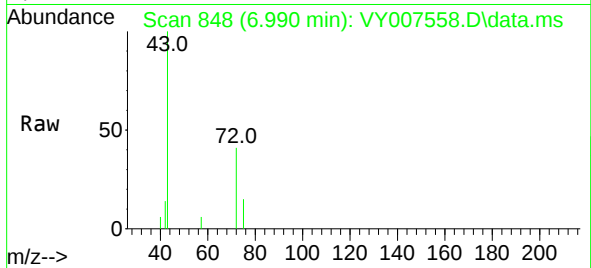




#25
2-Butanone
Concen: 12.826 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

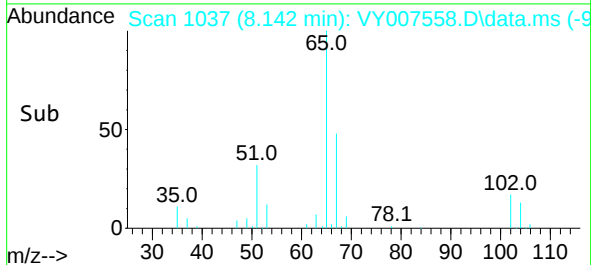
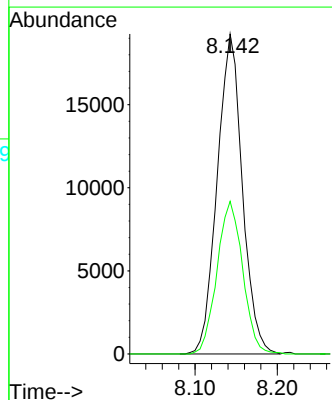
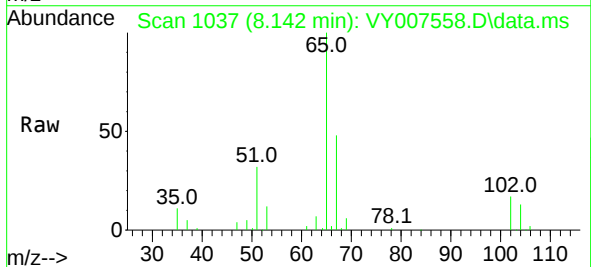
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

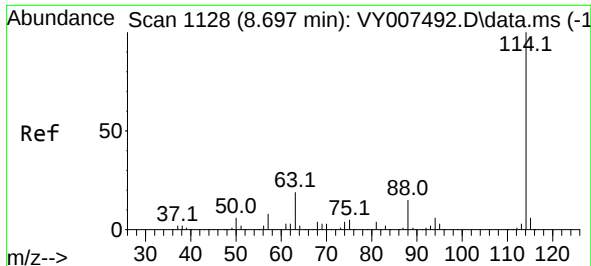
Tgt Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
72 40.6 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 51.392 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

Tgt Ion: 65 Resp: 40897
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.4

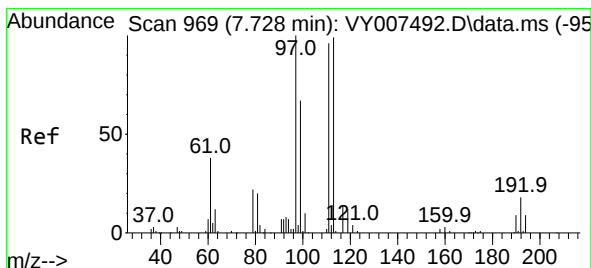
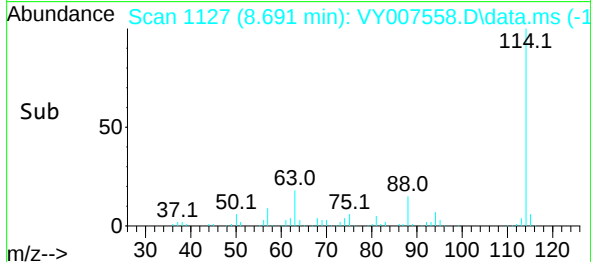
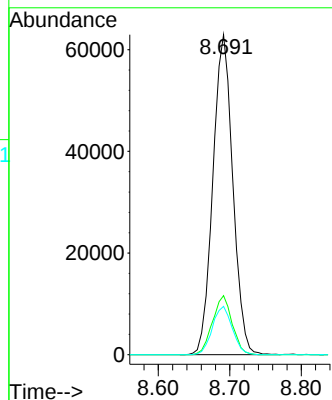
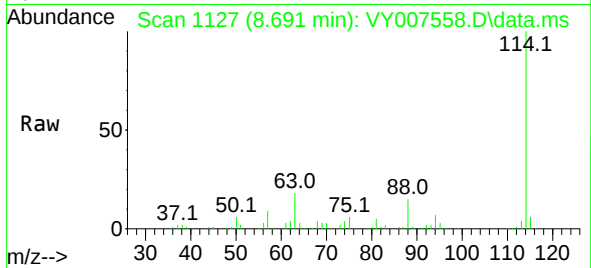




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

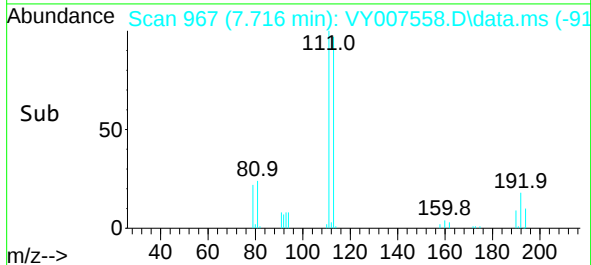
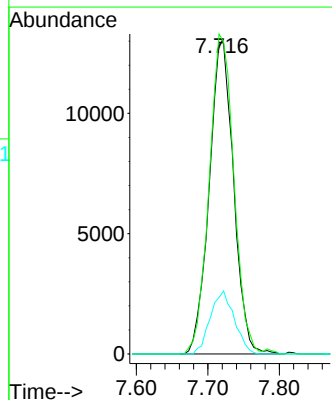
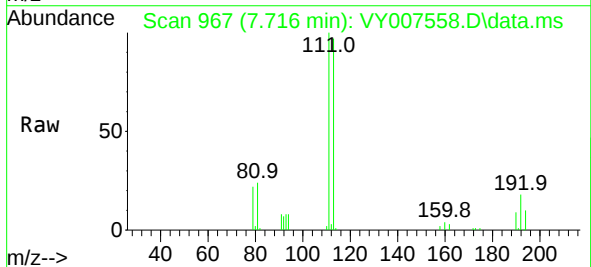
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

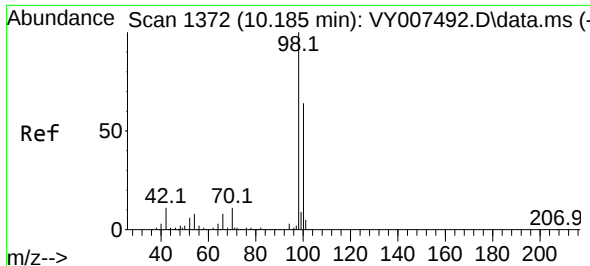
Tgt Ion:114 Resp: 121736
Ion Ratio Lower Upper
114 100
63 18.4 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 40.161 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

Tgt Ion:113 Resp: 30832
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.8 17.6 26.4

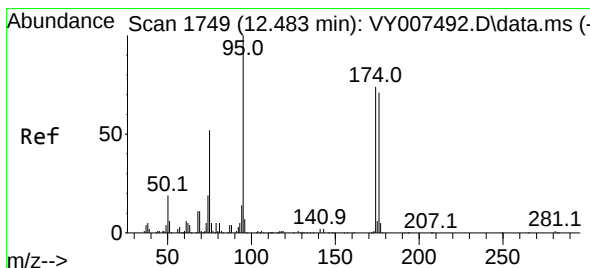
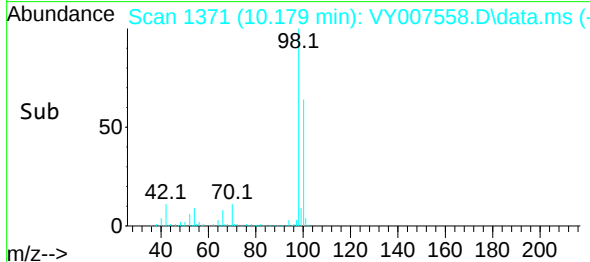
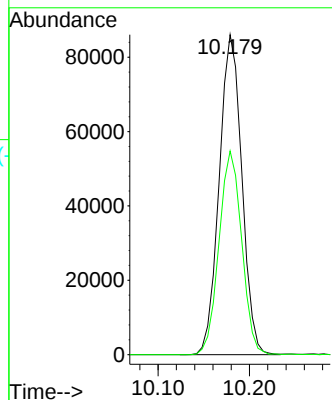
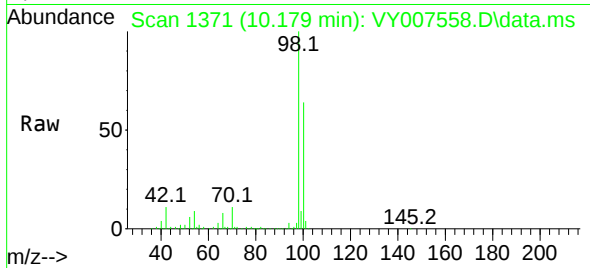




#50
Toluene-d8
Concen: 50.852 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

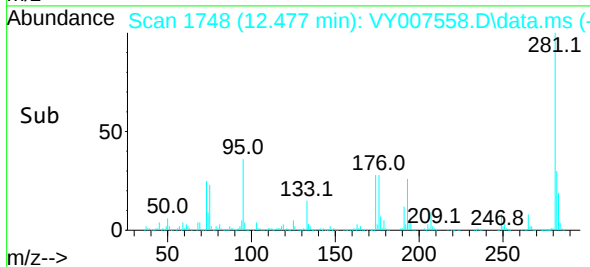
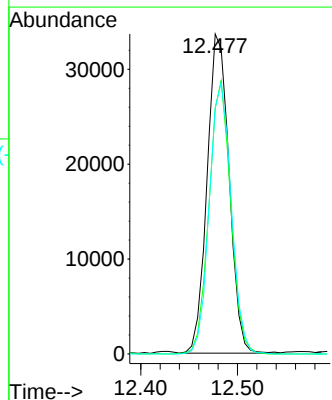
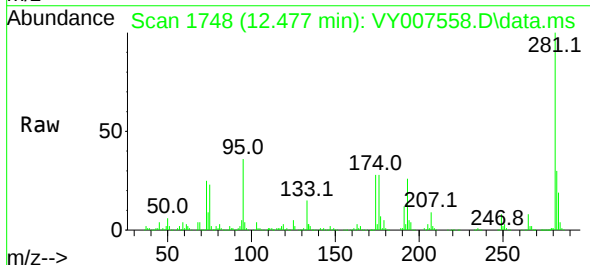
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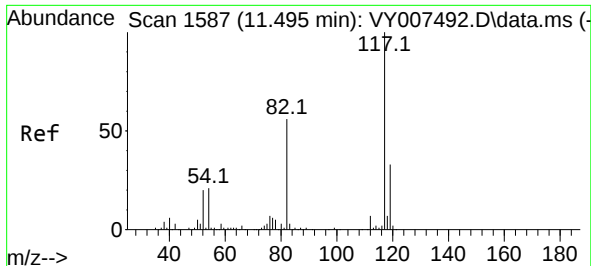
Tgt Ion: 98 Resp: 148274
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.651 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

Tgt Ion: 95 Resp: 53044
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 84.9 0.0 175.8

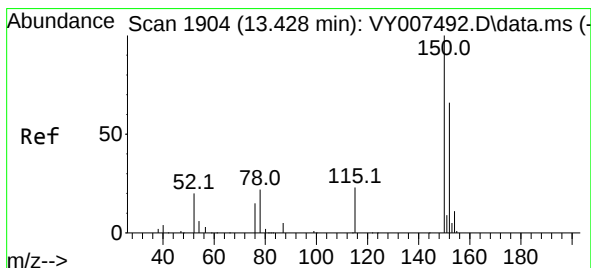
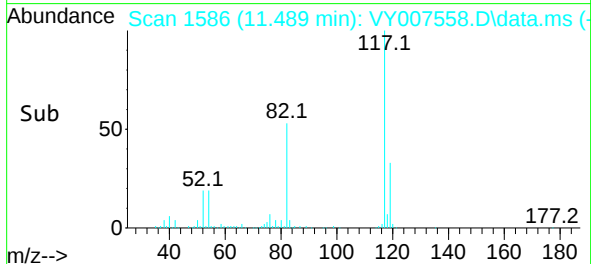
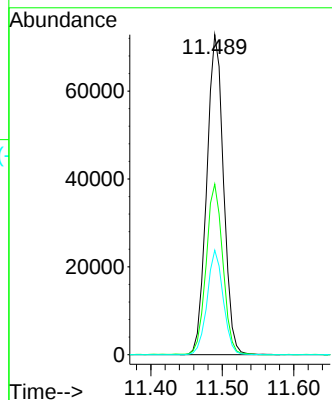
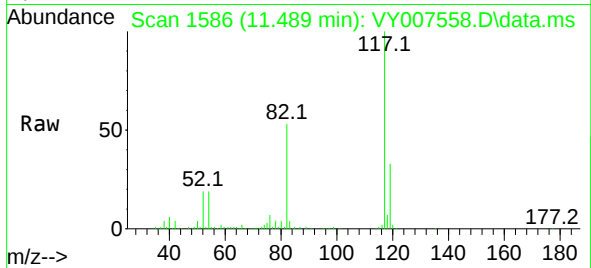




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

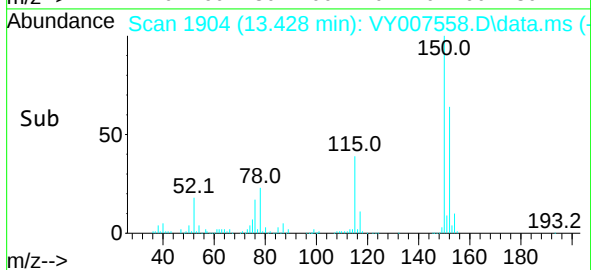
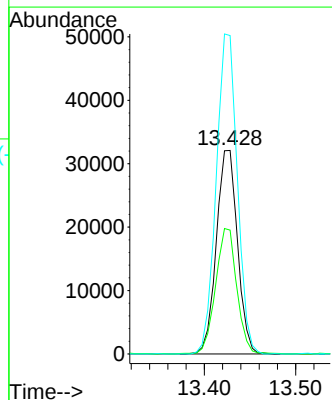
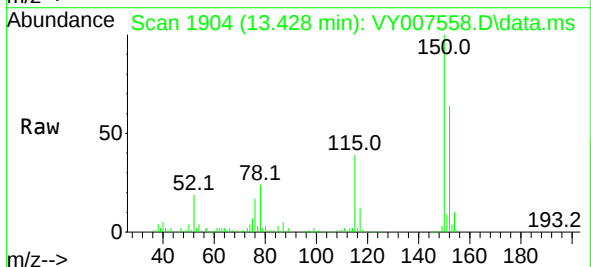
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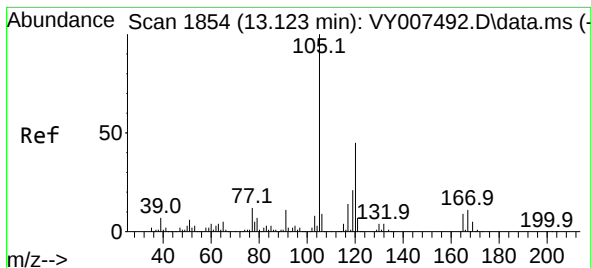
Tgt Ion:117 Resp: 118754
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007558.D
Acq: 18 Feb 2022 20:22

Tgt Ion:152 Resp: 51618
Ion Ratio Lower Upper
152 100
115 62.0 28.2 84.7
150 156.8 0.0 347.6





#84

1,2,4-Trimethylbenzene

Concen: 1.342 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007558.D

Acq: 18 Feb 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

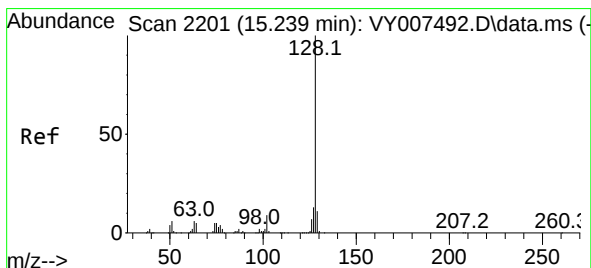
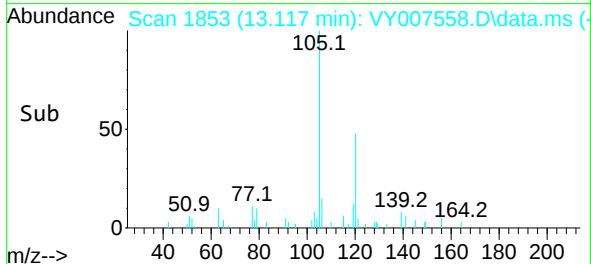
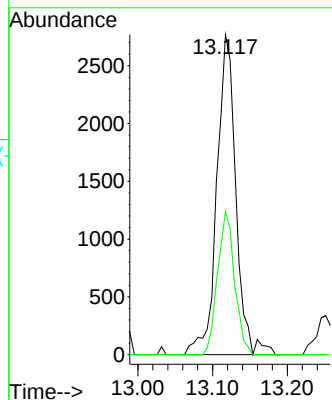
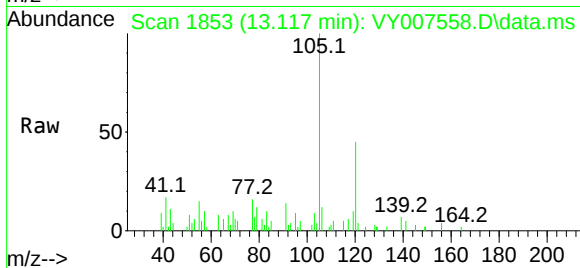
SOIL-COMP

Tgt Ion:105 Resp: 4929

Ion Ratio Lower Upper

105 100

120 39.7 22.3 66.9



#95

Naphthalene

Concen: 5.457 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY007558.D

Acq: 18 Feb 2022 20:22

Tgt Ion:128 Resp: 11984

Ion Ratio Lower Upper

128 100

127 14.7 11.0 16.4

129 11.2 8.4 12.6

