

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007543.D
 Acq On : 18 Feb 2022 14:31
 Operator : SY/MD
 Sample : N1556-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NE-SURFICIAL-SOIL

Quant Time: Feb 21 05:35:58 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)

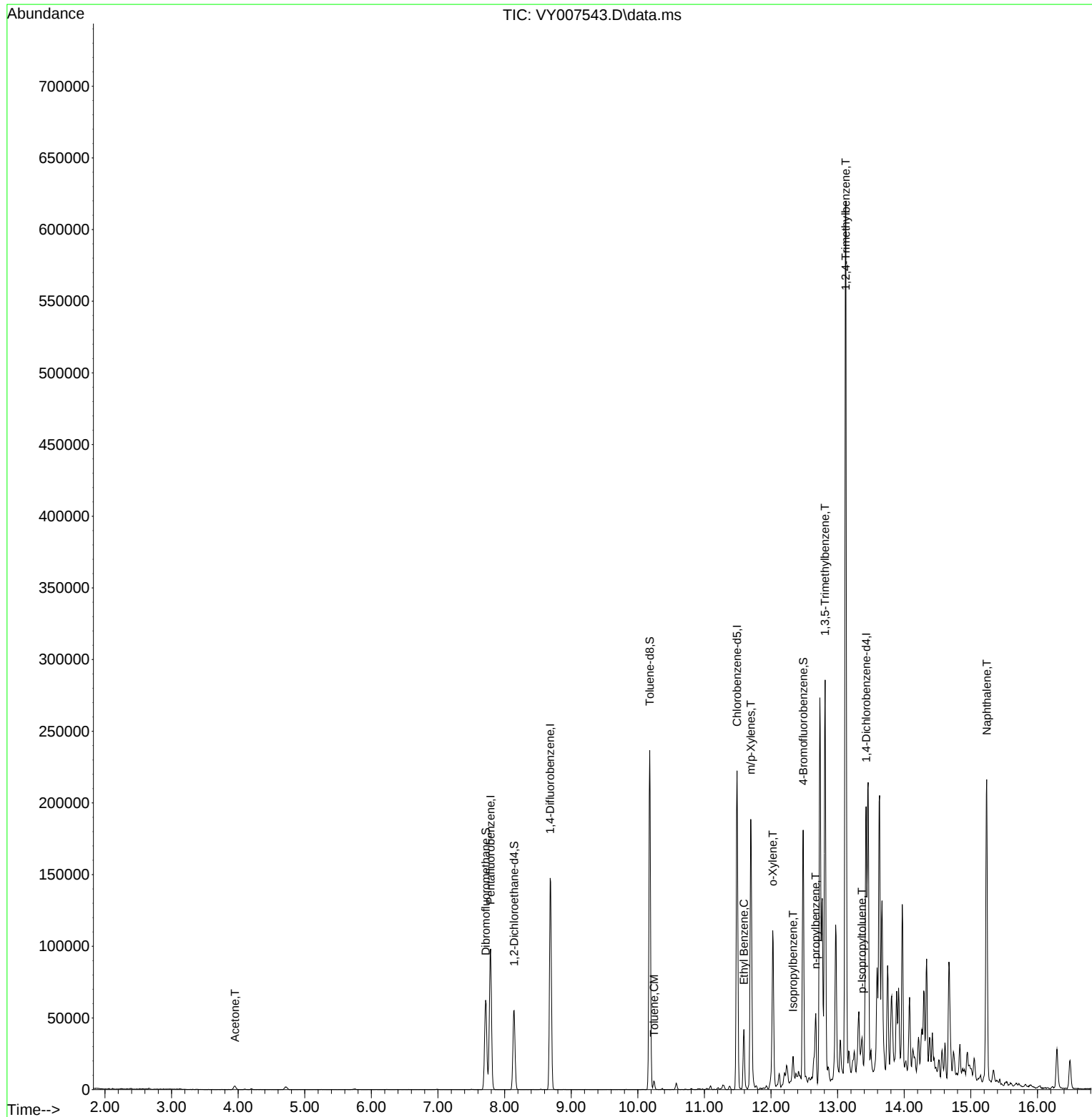
Internal Standards						
1) Pentafluorobenzene	7.789	168	74876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	129860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43352	52.442	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.880%			
35) Dibromofluoromethane	7.716	113	43382	52.974	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.940%			
50) Toluene-d8	10.179	98	154823	49.776	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.483	95	51799	49.114	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.220%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	4578	20.873	ug/l #	81
52) Toluene	10.246	92	2359	1.008	ug/l	90
67) Ethyl Benzene	11.593	91	28211	5.617	ug/l	100
68) m/p-Xylenes	11.697	106	53333	28.059	ug/l	97
69) o-Xylene	12.026	106	28203	15.681	ug/l	95
73) Isopropylbenzene	12.331	105	9261	2.300	ug/l	98
78) n-propylbenzene	12.672	91	36991	7.635	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	121150	36.327	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	338134	104.566	ug/l	99
86) p-Isopropyltoluene	13.367	119	8963	2.533	ug/l	96
95) Naphthalene	15.239	128	171527	88.710	ug/l	99

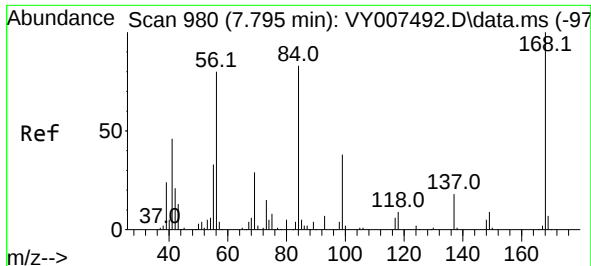
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
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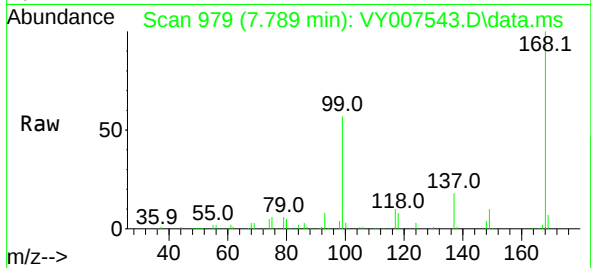
Quant Time: Feb 21 05:35:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
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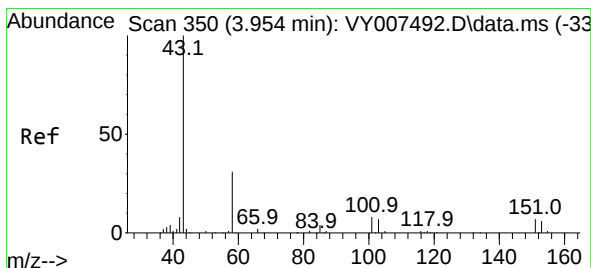
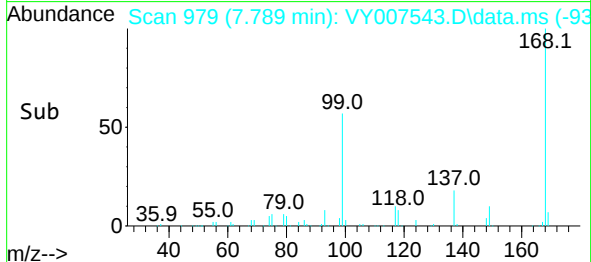
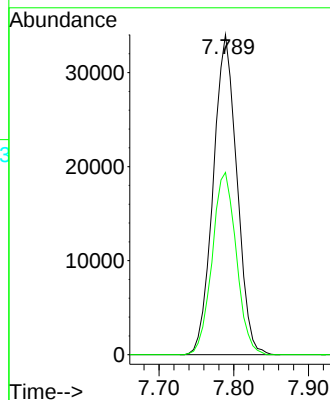


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

Instrument :
MSVOA_Y
ClientSampleId :
NE-SURFICIAL-SOIL

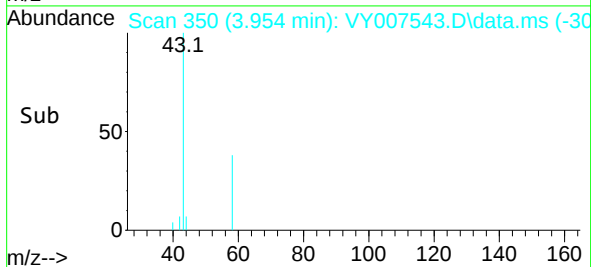
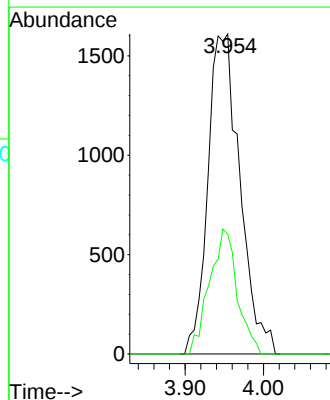
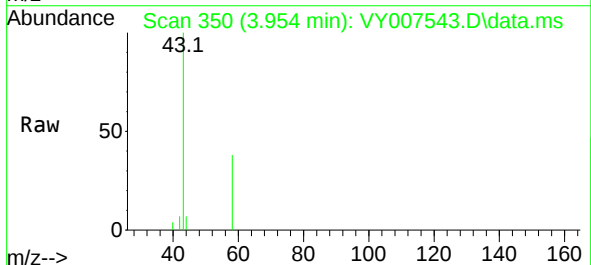


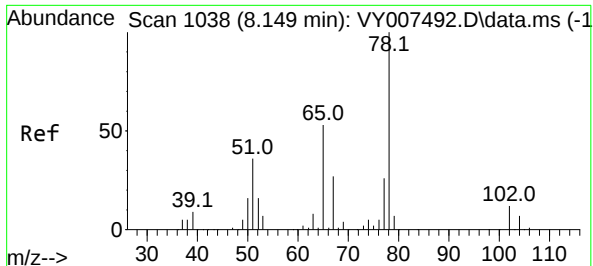
Tgt Ion:168 Resp: 74876
Ion Ratio Lower Upper
168 100
99 57.0 46.9 70.3



#16
Acetone
Concen: 20.873 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

Tgt Ion: 43 Resp: 4578
Ion Ratio Lower Upper
43 100
58 37.5 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 52.442 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY007543.D

Acq: 18 Feb 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

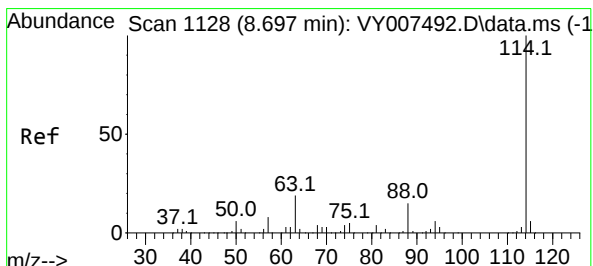
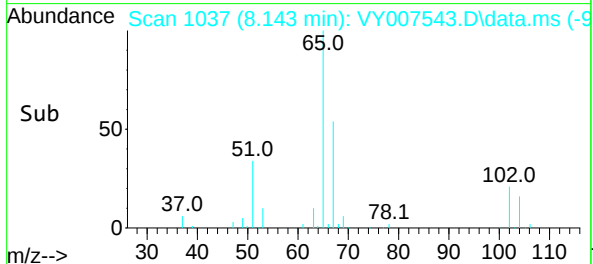
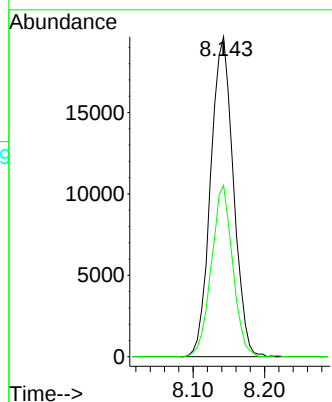
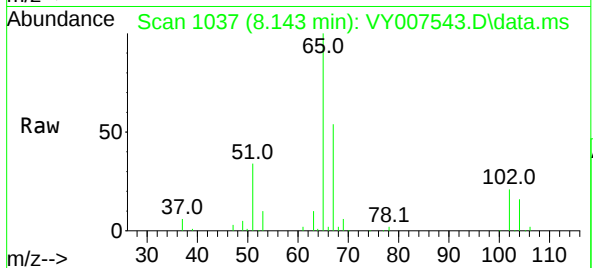
NE-SURFICIAL-SOIL

Tgt Ion: 65 Resp: 43352

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007543.D

Acq: 18 Feb 2022 14:31

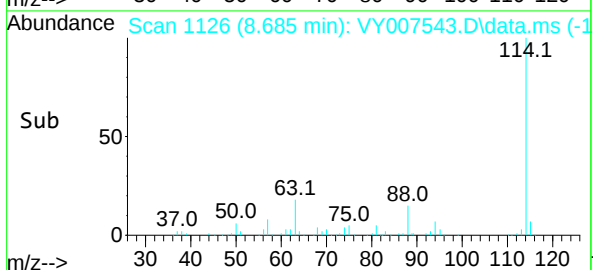
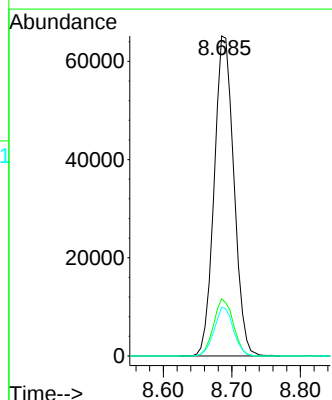
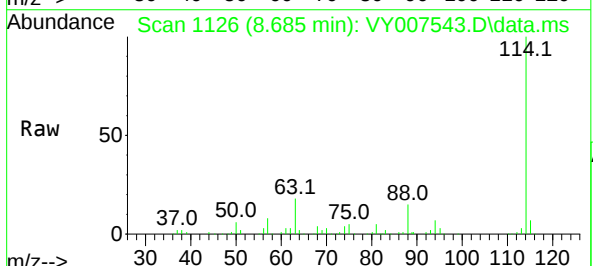
Tgt Ion: 114 Resp: 129860

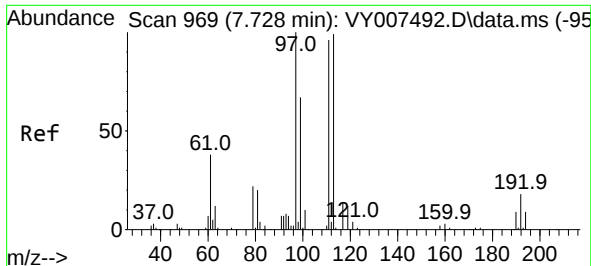
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 15.2 0.0 31.8

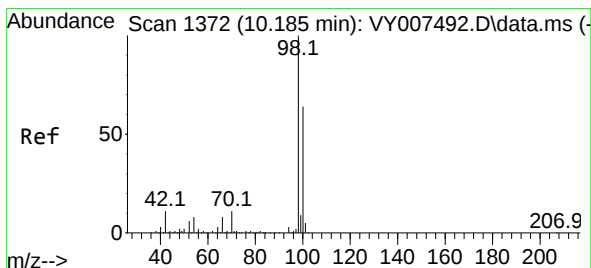
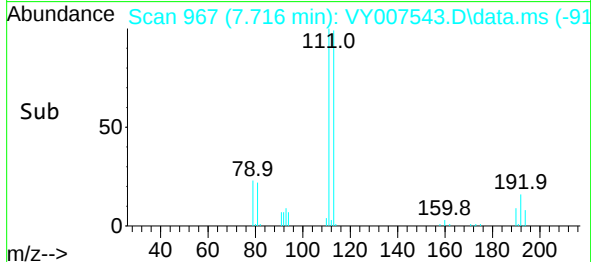
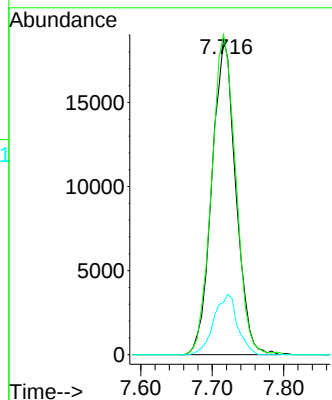
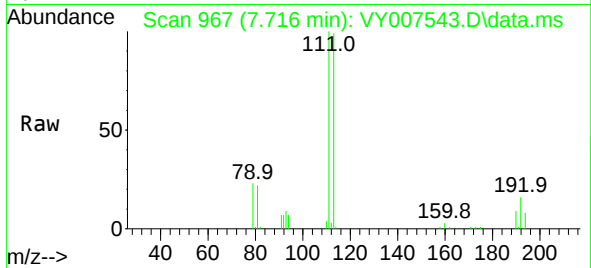




#35
Dibromofluoromethane
Concen: 52.974 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

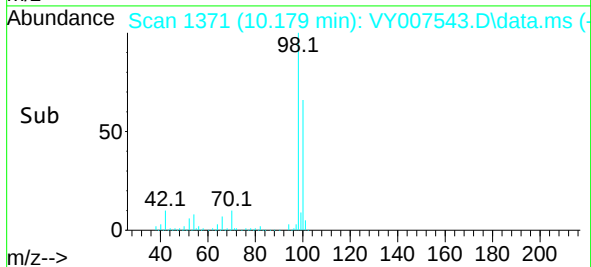
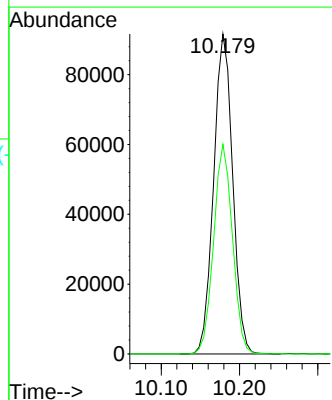
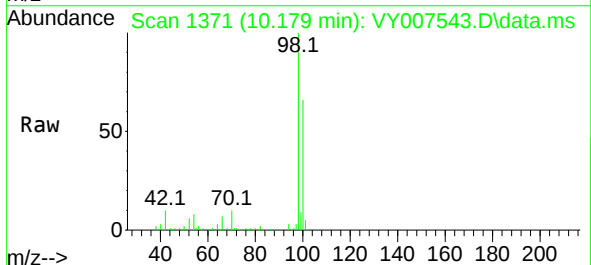
Instrument :
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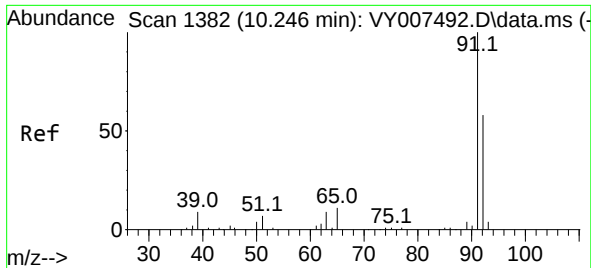
Tgt Ion:113 Resp: 43382
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 49.776 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

Tgt Ion: 98 Resp: 154823
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

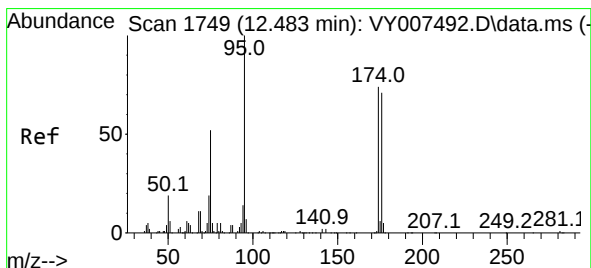
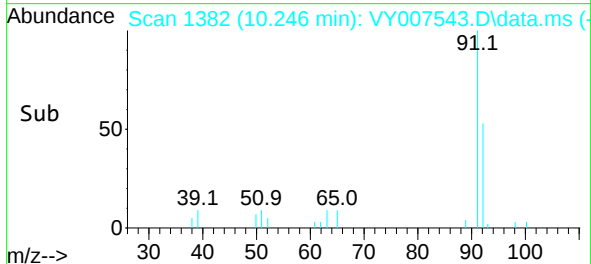
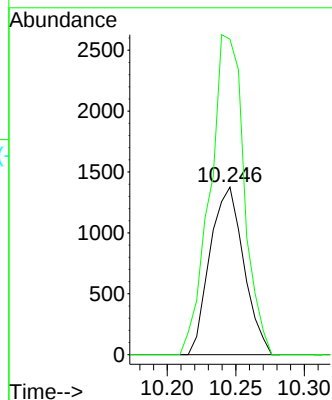
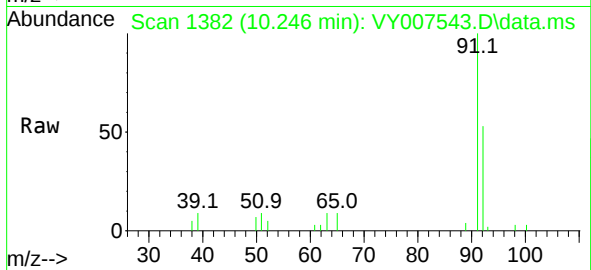




#52
Toluene
Concen: 1.008 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

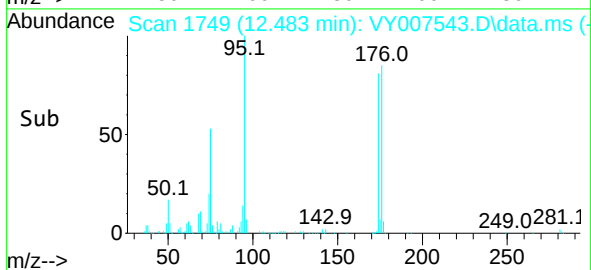
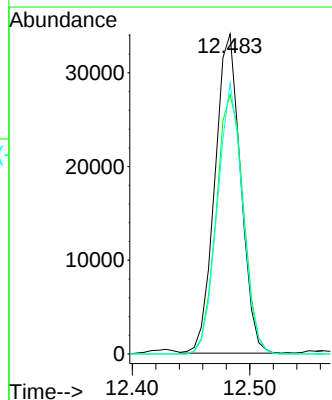
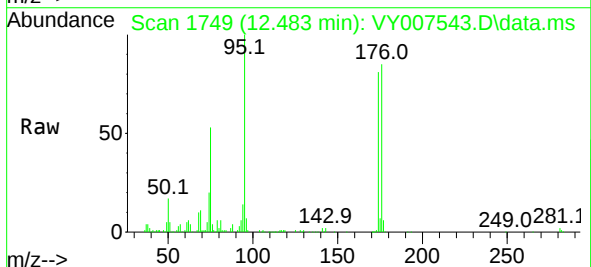
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ClientSampleId :
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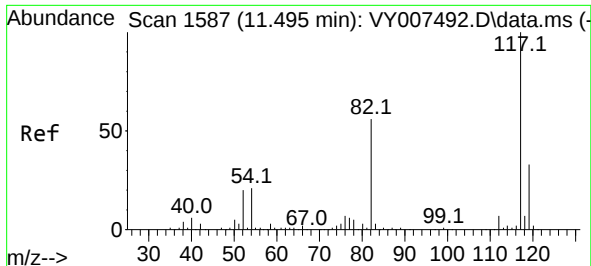
Tgt Ion: 92 Resp: 2359
Ion Ratio Lower Upper
92 100
91 192.8 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 49.114 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

Tgt Ion: 95 Resp: 51799
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 83.3 0.0 175.8

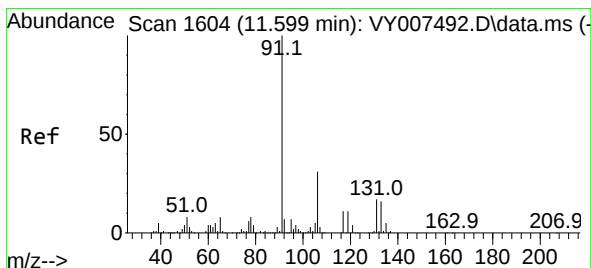
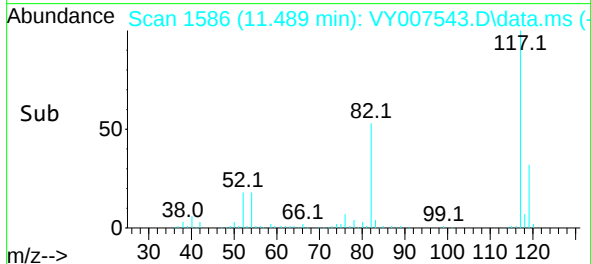
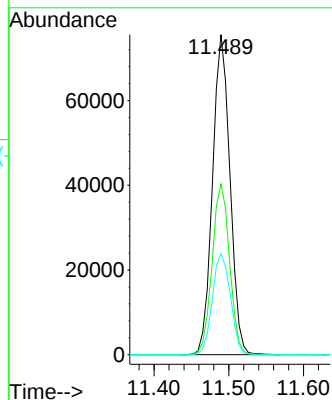
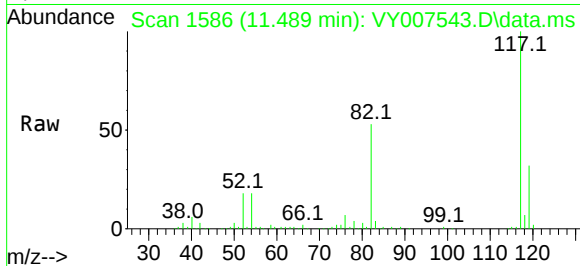




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

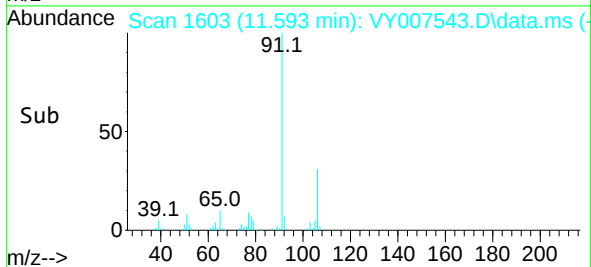
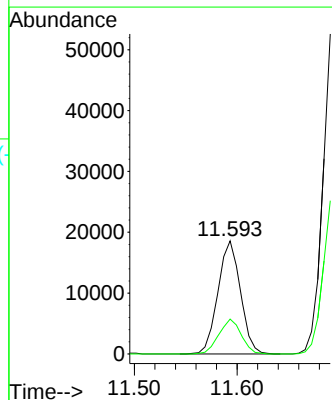
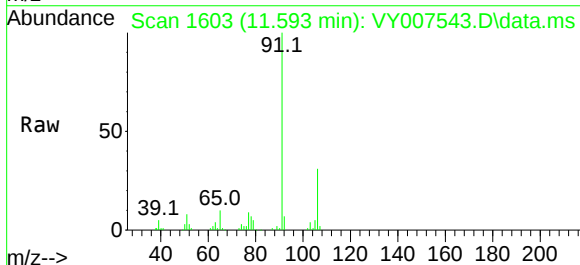
Instrument :
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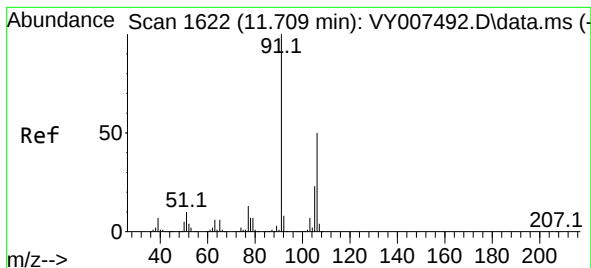
Tgt Ion:117 Resp: 122524
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.6 25.4 38.0



#67
Ethyl Benzene
Concen: 5.617 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

Tgt Ion: 91 Resp: 28211
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7

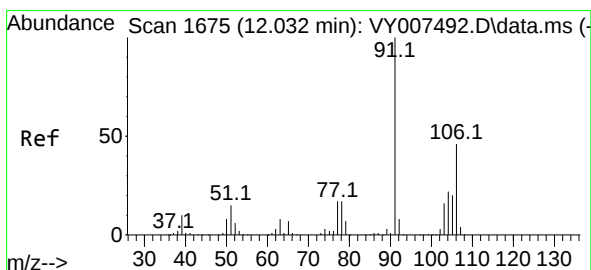
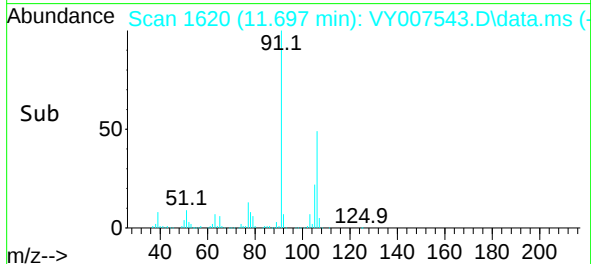
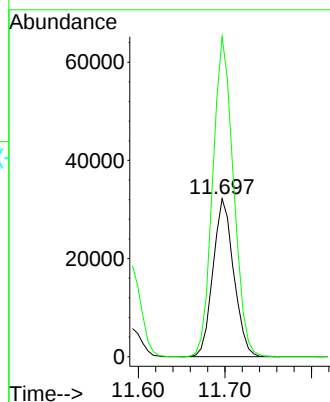
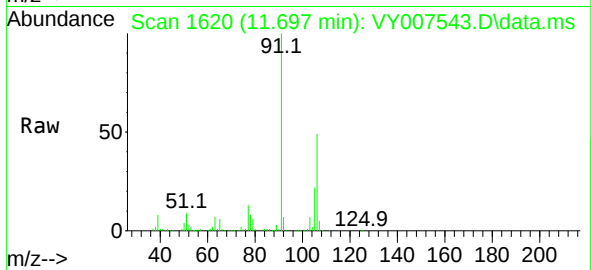




#68
m/p-Xylenes
Concen: 28.059 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

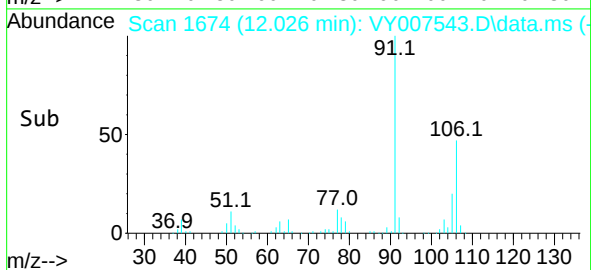
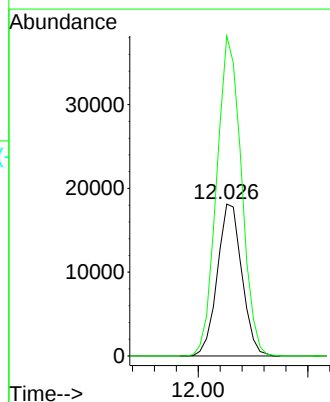
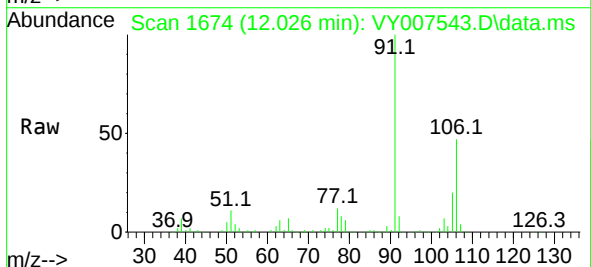
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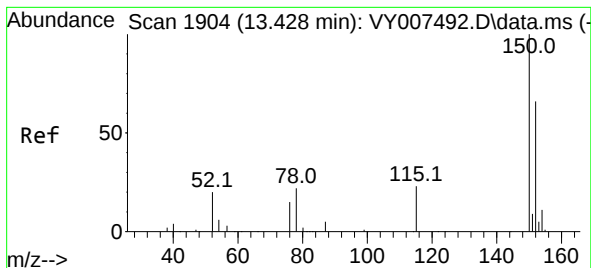
Tgt Ion:106 Resp: 53333
Ion Ratio Lower Upper
106 100
91 203.7 166.6 249.8



#69
o-Xylene
Concen: 15.681 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

Tgt Ion:106 Resp: 28203
Ion Ratio Lower Upper
106 100
91 212.2 110.3 331.0

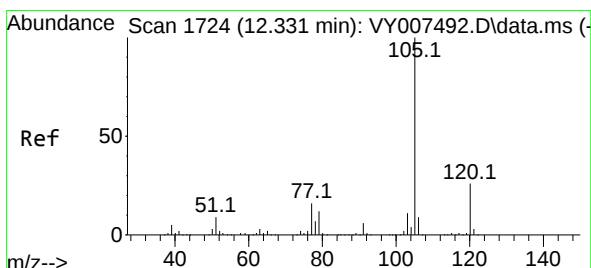
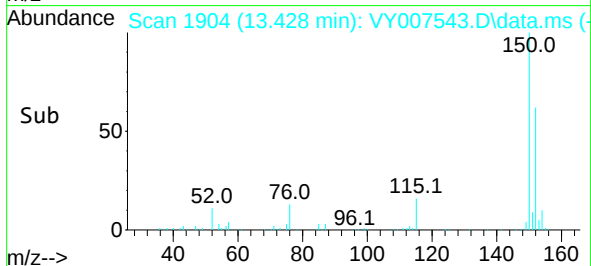
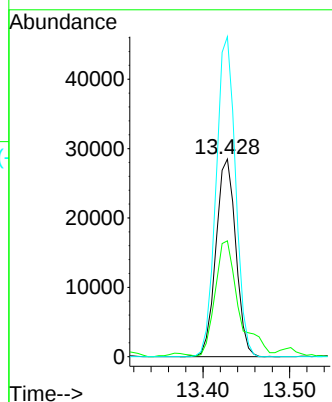
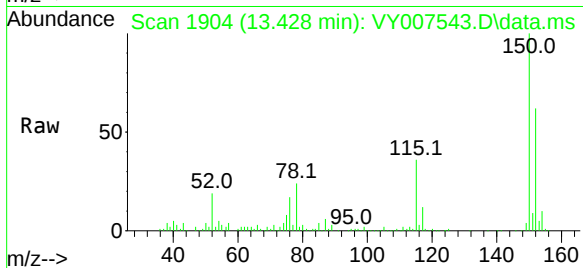




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

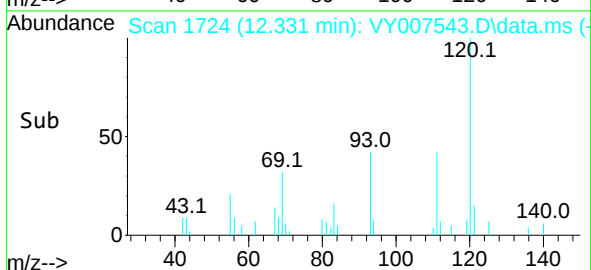
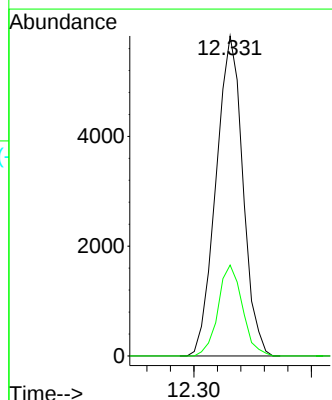
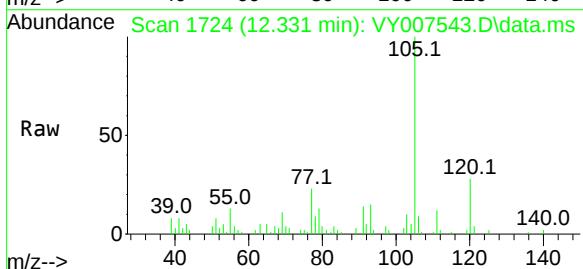
Instrument :
MSVOA_Y
ClientSampleId :
NE-SURFICIAL-SOIL

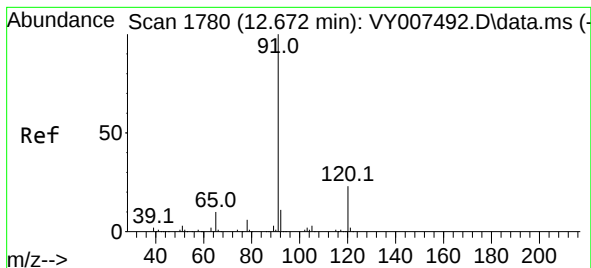
Tgt Ion:152 Resp: 45447
Ion Ratio Lower Upper
152 100
115 69.5 28.2 84.7
150 158.3 0.0 347.6



#73
Isopropylbenzene
Concen: 2.300 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007543.D
Acq: 18 Feb 2022 14:31

Tgt Ion:105 Resp: 9261
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.2





#78

n-propylbenzene

Concen: 7.635 ug/l

RT: 12.672 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007543.D

Acq: 18 Feb 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

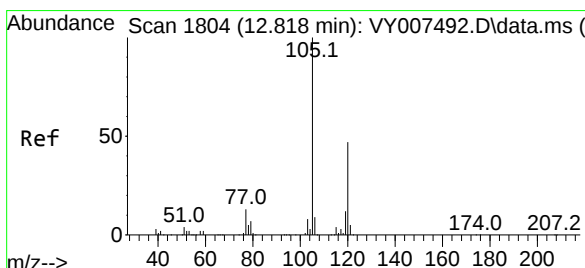
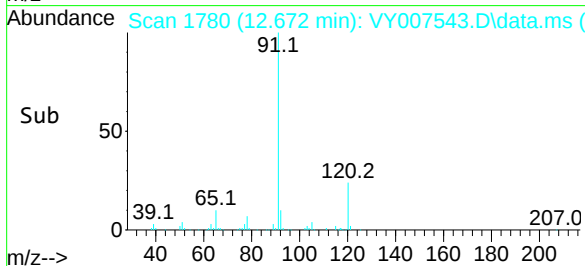
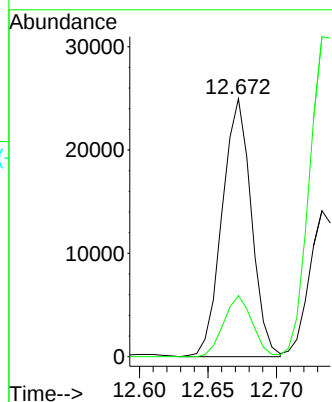
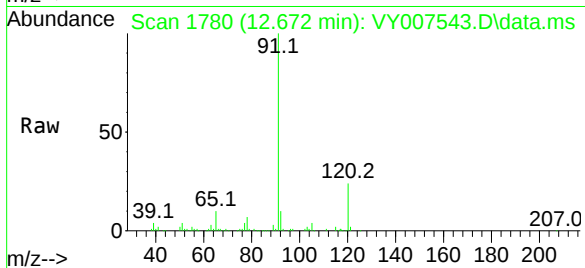
NE-SURFICIAL-SOIL

Tgt Ion: 91 Resp: 36991

Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.9



#80

1,3,5-Trimethylbenzene

Concen: 36.327 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007543.D

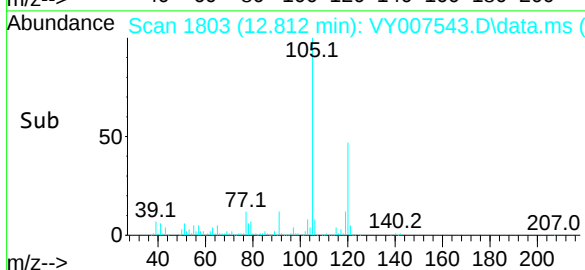
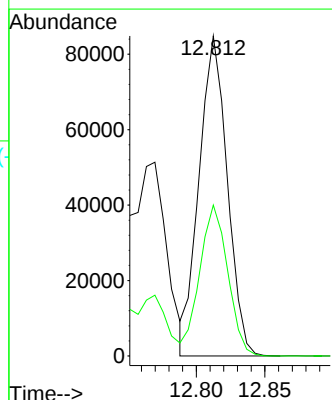
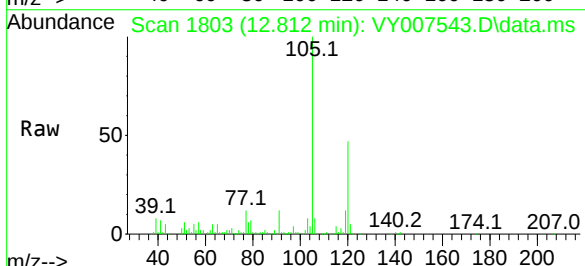
Acq: 18 Feb 2022 14:31

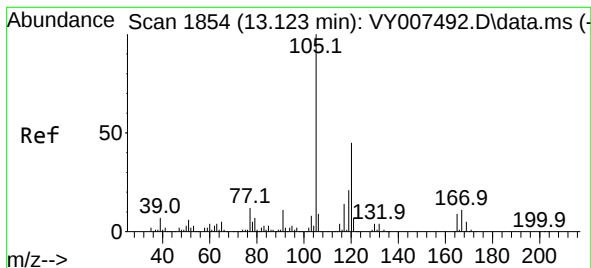
Tgt Ion:105 Resp: 121150

Ion Ratio Lower Upper

105 100

120 47.1 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 104.566 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY007543.D

Acq: 18 Feb 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

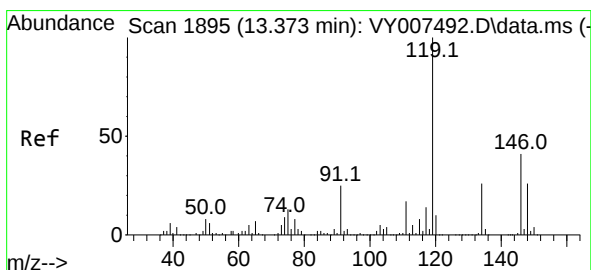
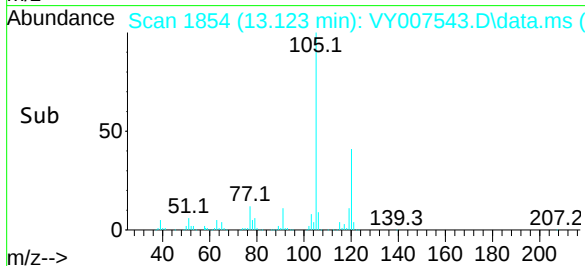
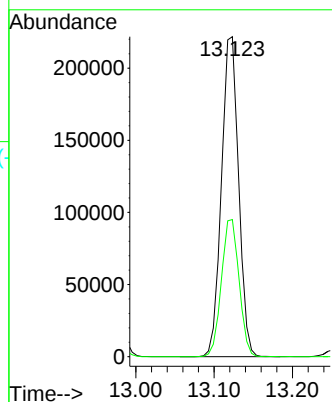
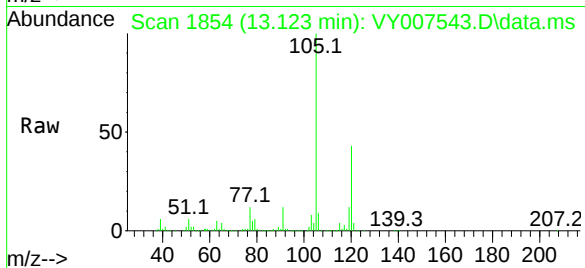
NE-SURFICIAL-SOIL

Tgt Ion:105 Resp: 338134

Ion Ratio Lower Upper

105 100

120 44.1 22.3 66.9



#86

p-Isopropyltoluene

Concen: 2.533 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007543.D

Acq: 18 Feb 2022 14:31

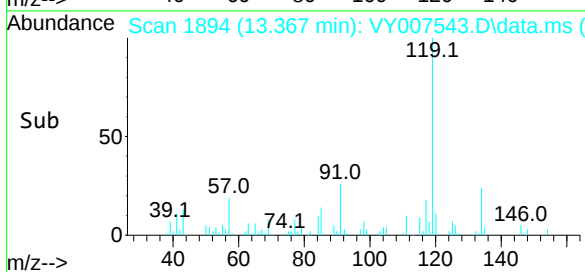
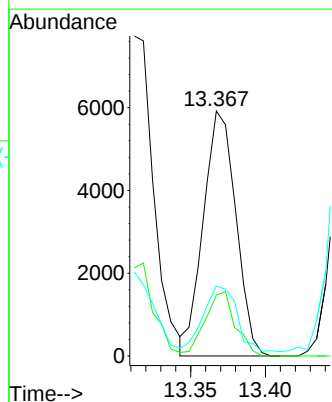
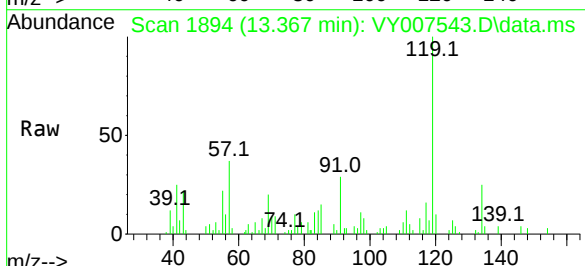
Tgt Ion:119 Resp: 8963

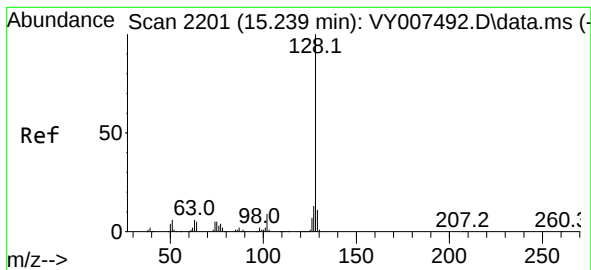
Ion Ratio Lower Upper

119 100

134 24.3 13.2 39.5

91 27.3 12.4 37.2





#95

Naphthalene

Concen: 88.710 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007543.D

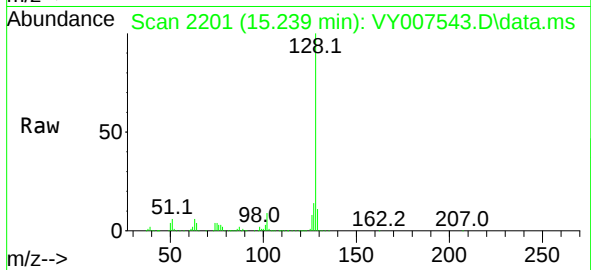
Acq: 18 Feb 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

NE-SURFICIAL-SOIL



Tgt Ion:128 Resp: 171527

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 11.2 8.4 12.6

