

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013066.D
 Acq On : 23 Mar 2023 17:35
 Operator : KP/MD
 Sample : 02070-01
 Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOILPILE-1-0323

Quant Time: Mar 24 05:05:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

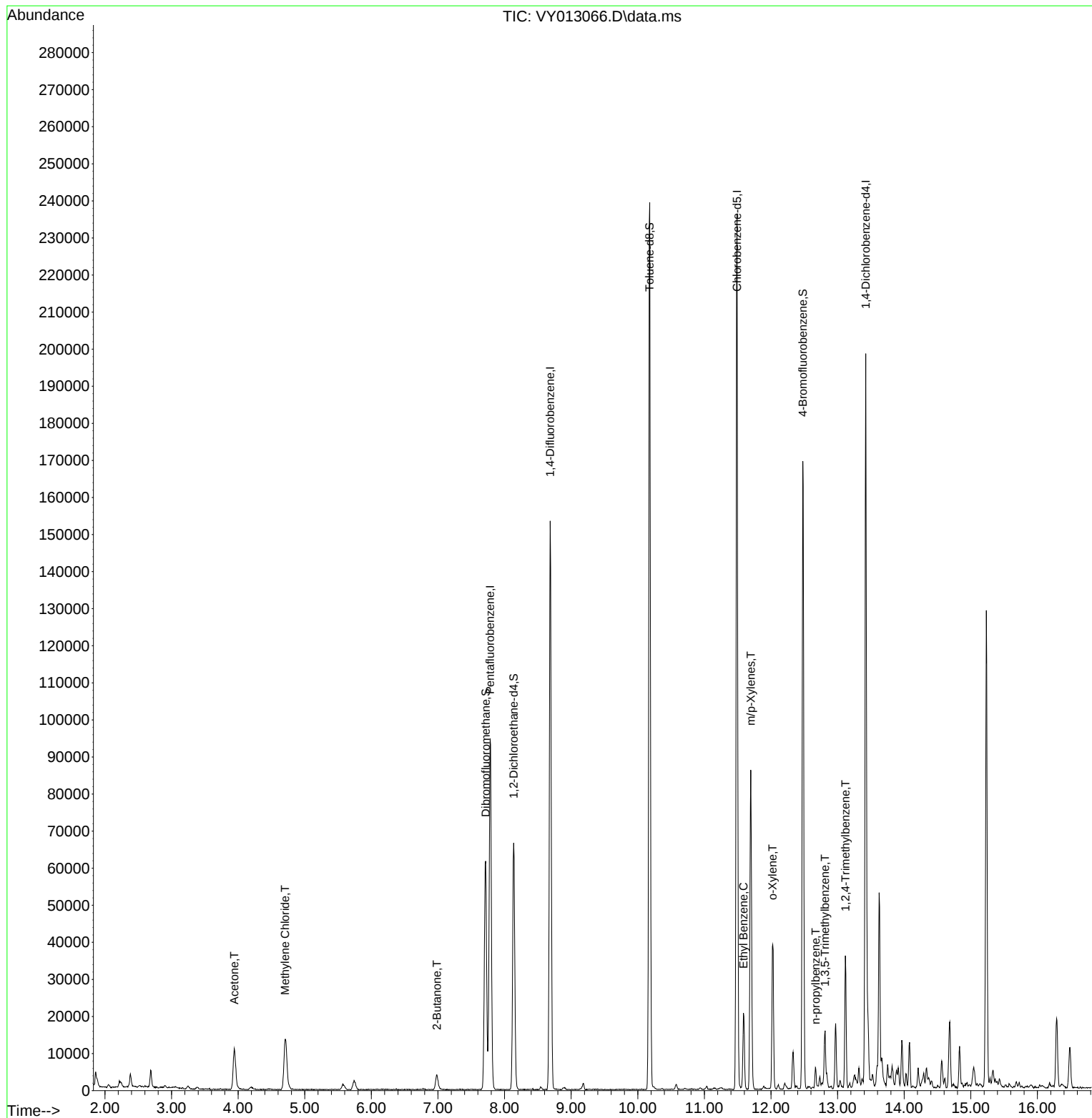
Internal Standards						
1) Pentafluorobenzene	7.783	168	71833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	121531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	118162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	52669	73.848	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 147.700%		
35) Dibromofluoromethane	7.716	113	42813	58.373	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 116.740%		
50) Toluene-d8	10.179	98	149544	55.773	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 111.540%		
62) 4-Bromofluorobenzene	12.477	95	47357	52.328	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 104.660%		
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	19925	71.176	ug/l	98
20) Methylene Chloride	4.704	84	9591	6.559	ug/l	94
25) 2-Butanone	6.984	43	6931	19.990	ug/l	90
67) Ethyl Benzene	11.587	91	13529	3.103	ug/l	98
68) m/p-Xylenes	11.697	106	24208	14.433	ug/l	99
69) o-Xylene	12.026	106	10722	6.849	ug/l	99
78) n-propylbenzene	12.672	91	4462	1.142	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	6008	2.297	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	17930	7.011	ug/l	97

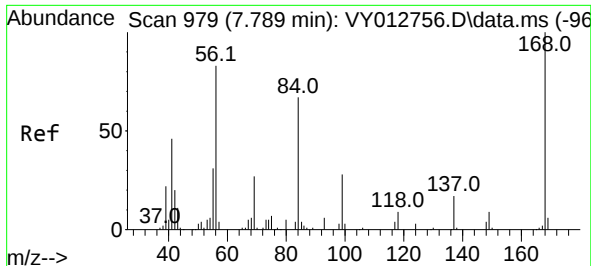
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SOILPILE-1-0323

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Quant Title : SW846 8260
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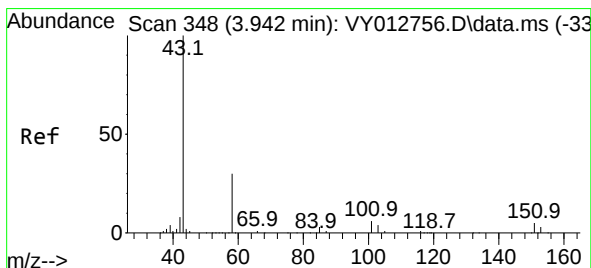
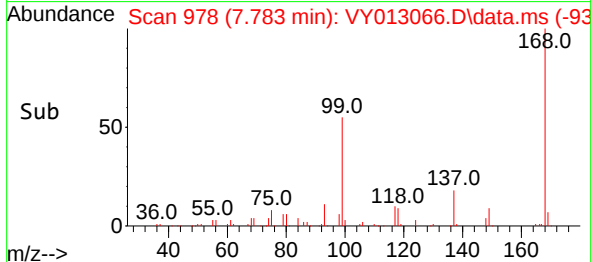
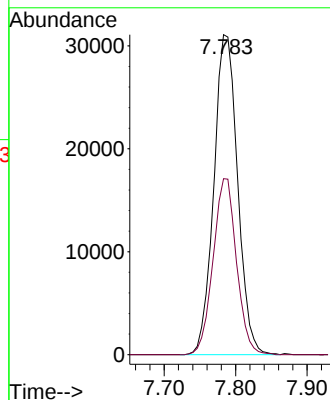
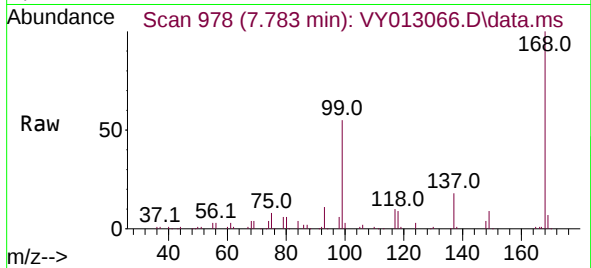




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

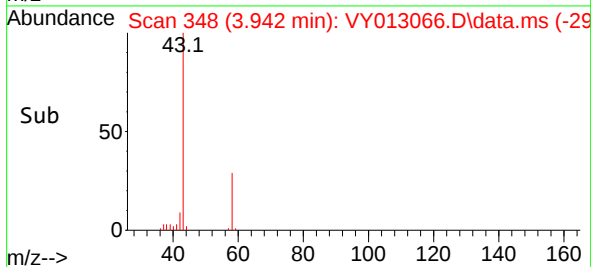
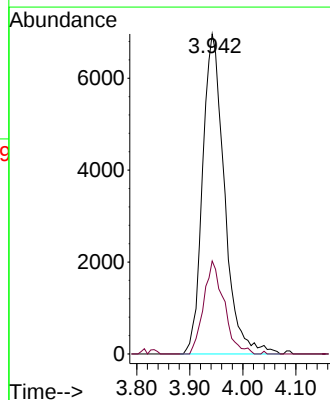
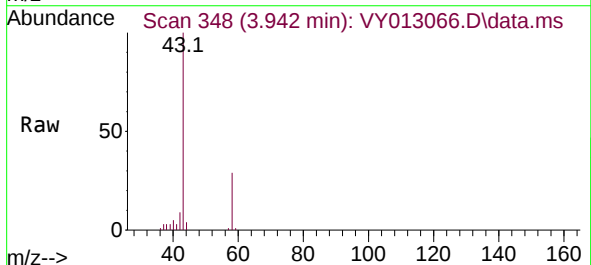
Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-1-0323

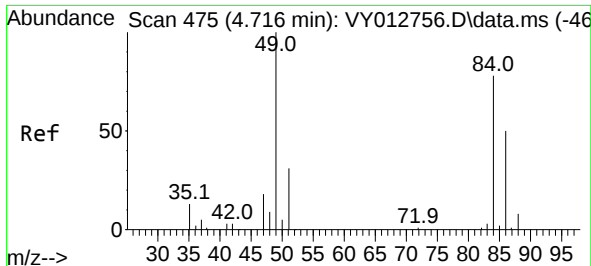
Tgt Ion:168 Resp: 71833
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5



#16
Acetone
Concen: 71.176 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

Tgt Ion: 43 Resp: 19925
Ion Ratio Lower Upper
43 100
58 29.1 24.2 36.2





#20

Methylene Chloride

Concen: 6.559 ug/l

RT: 4.704 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY013066.D

Acq: 23 Mar 2023 17:35

Instrument :

MSVOA_Y

ClientSampleId :

SOILPILE-1-0323

Tgt Ion: 84 Resp: 9591

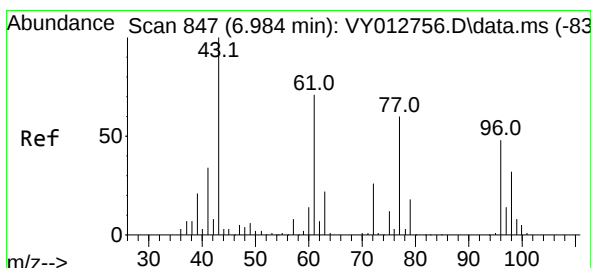
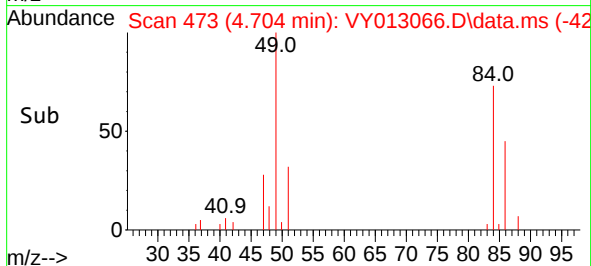
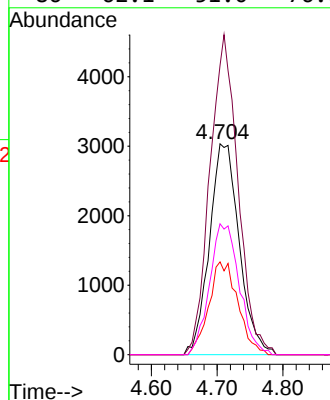
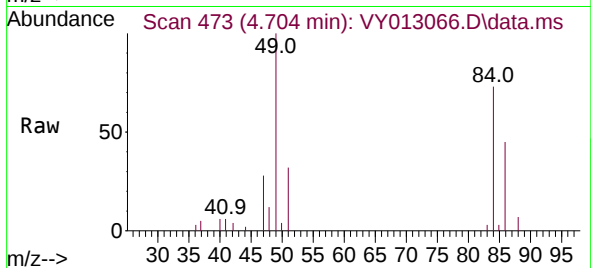
Ion Ratio Lower Upper

84 100

49 137.2 102.6 154.0

51 44.0 31.9 47.9

86 62.1 51.0 76.6



#25

2-Butanone

Concen: 19.990 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013066.D

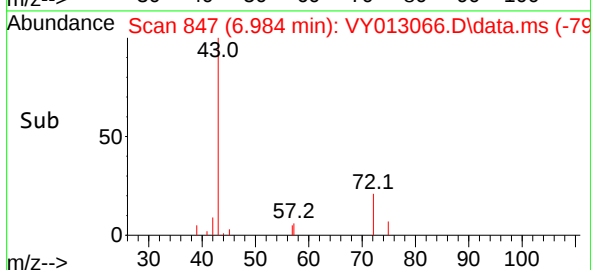
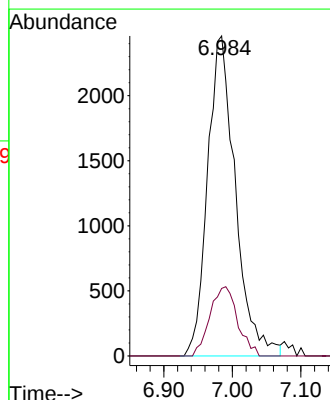
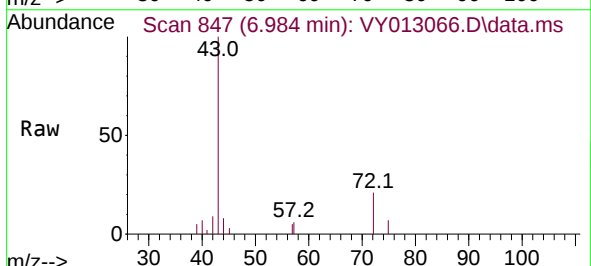
Acq: 23 Mar 2023 17:35

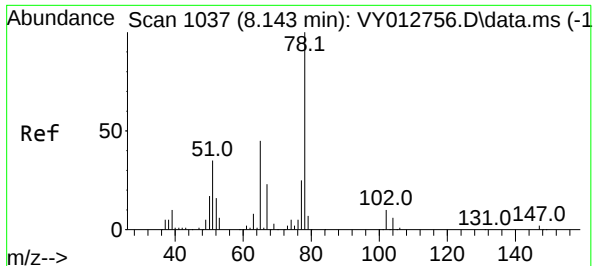
Tgt Ion: 43 Resp: 6931

Ion Ratio Lower Upper

43 100

72 21.1 21.0 31.4





#33

1,2-Dichloroethane-d4

Concen: 73.848 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY013066.D

Acq: 23 Mar 2023 17:35

Instrument :

MSVOA_Y

ClientSampleId :

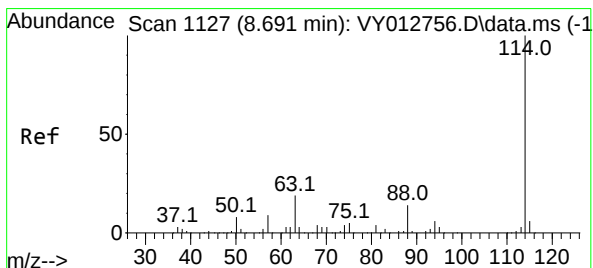
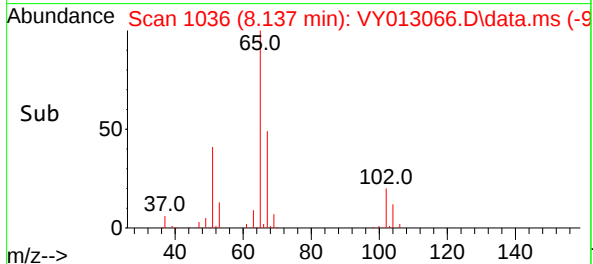
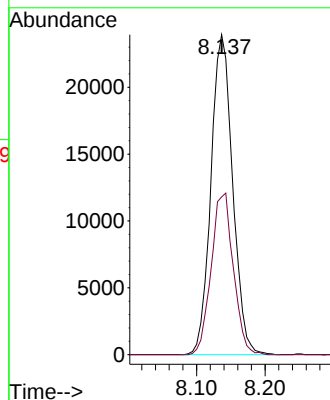
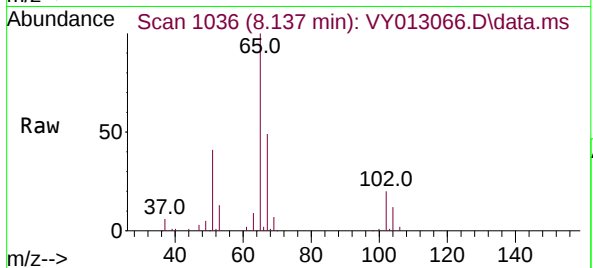
SOILPILE-1-0323

Tgt Ion: 65 Resp: 52669

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013066.D

Acq: 23 Mar 2023 17:35

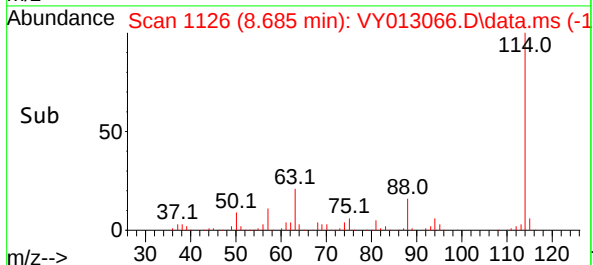
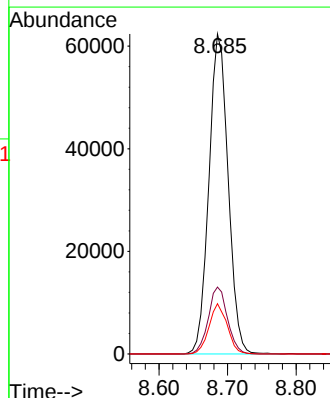
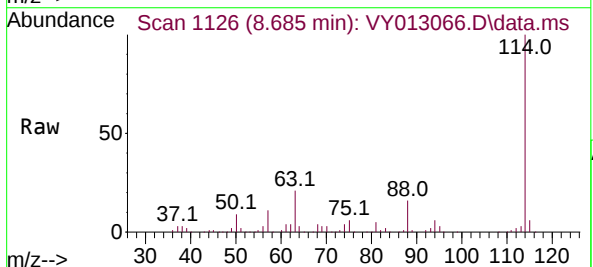
Tgt Ion: 114 Resp: 121531

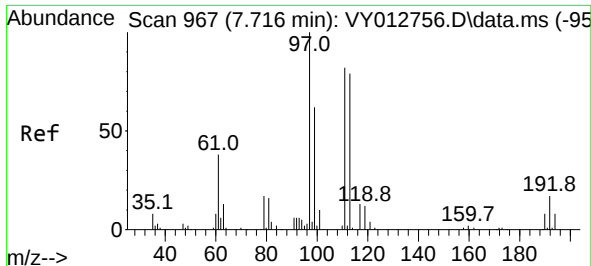
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 15.7 0.0 28.6

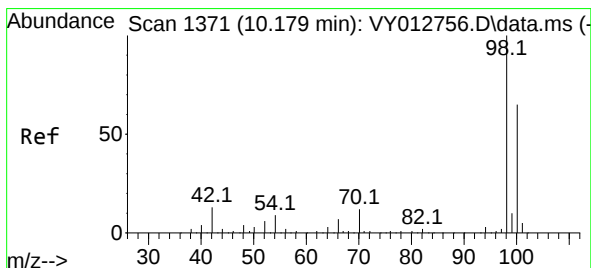
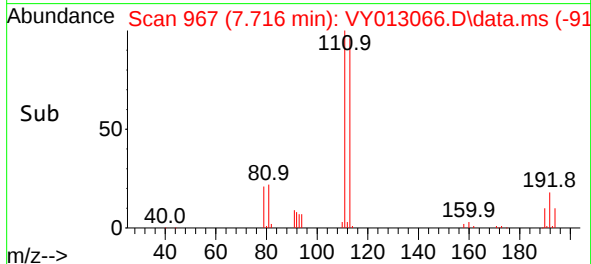
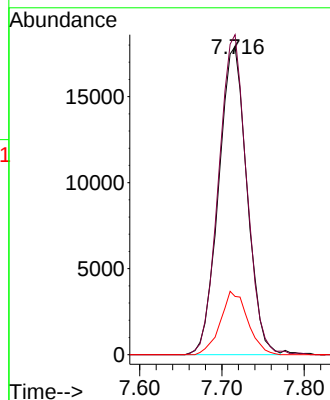
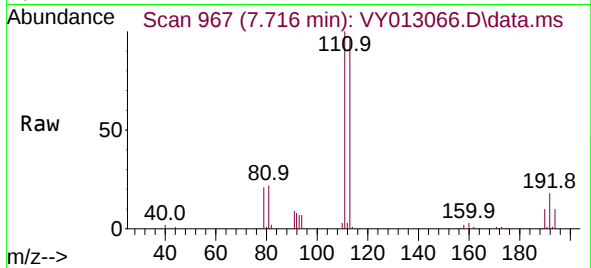




#35
Dibromofluoromethane
Concen: 58.373 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

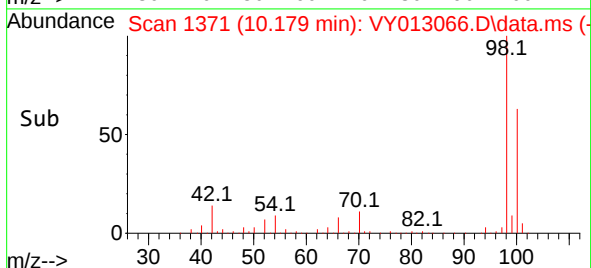
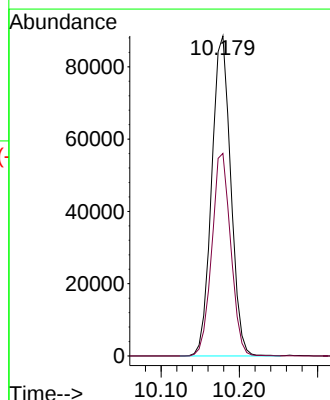
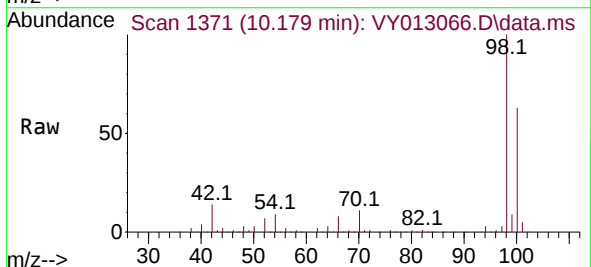
Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-1-0323

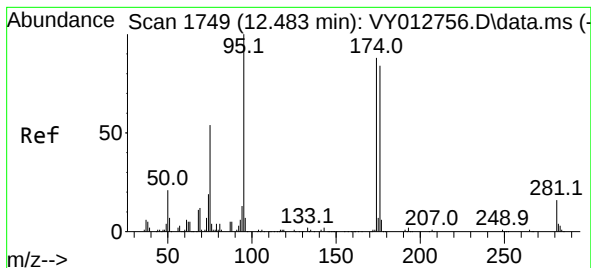
Tgt Ion:113 Resp: 42813
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.9 16.8 25.2



#50
Toluene-d8
Concen: 55.773 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

Tgt Ion: 98 Resp: 149544
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

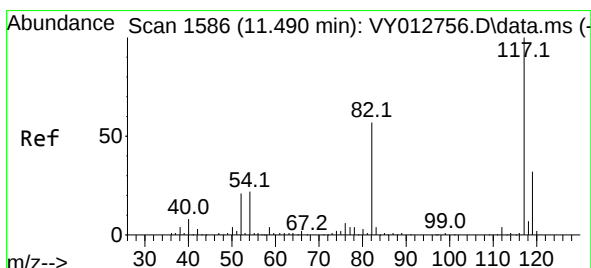
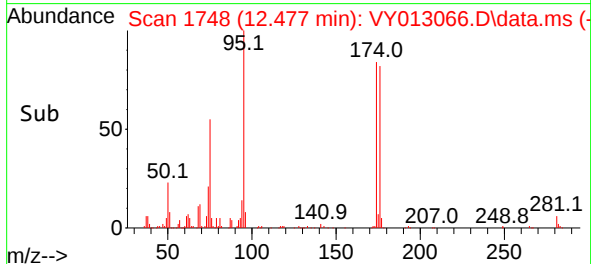
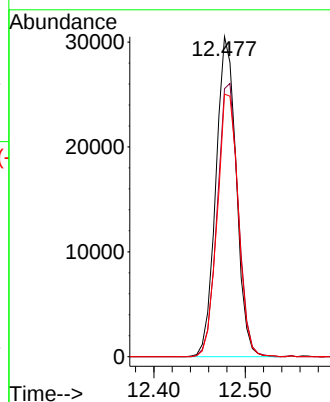
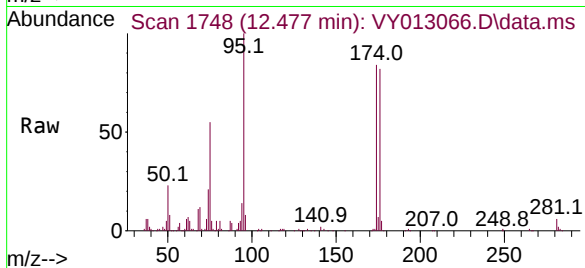




#62
4-Bromofluorobenzene
Concen: 52.328 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

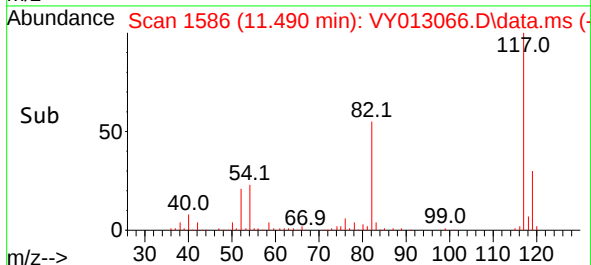
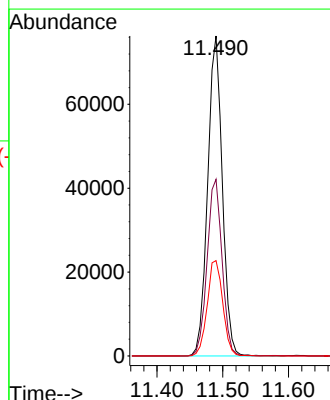
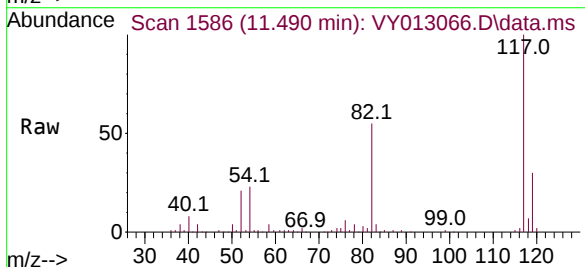
Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-1-0323

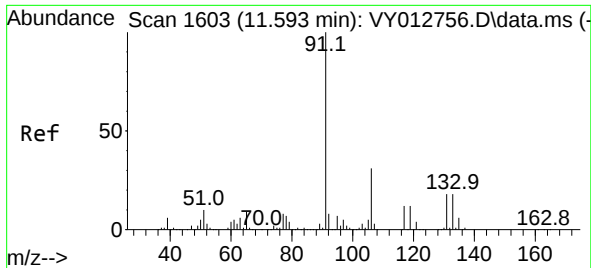
Tgt Ion: 95 Resp: 47357
Ion Ratio Lower Upper
95 100
174 87.6 0.0 176.6
176 84.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

Tgt Ion: 117 Resp: 118162
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 29.8 25.6 38.4

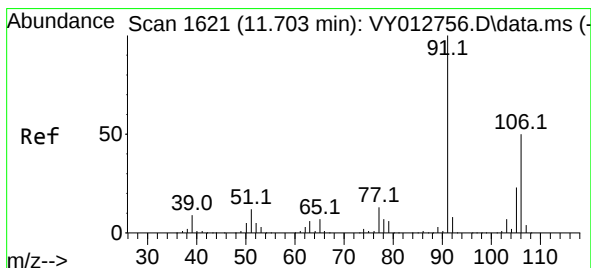
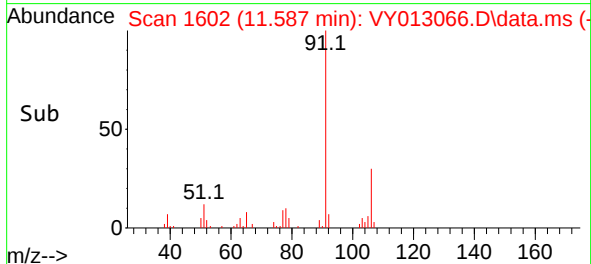
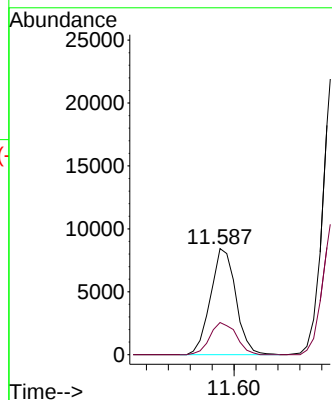
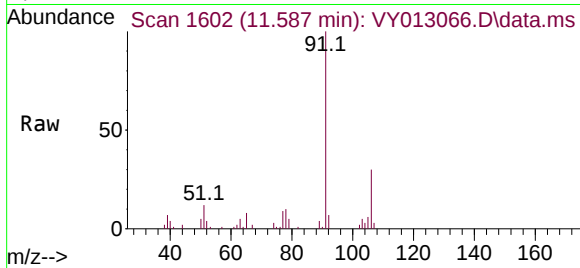




#67
Ethyl Benzene
Concen: 3.103 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

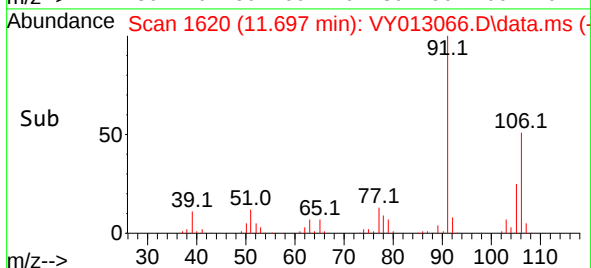
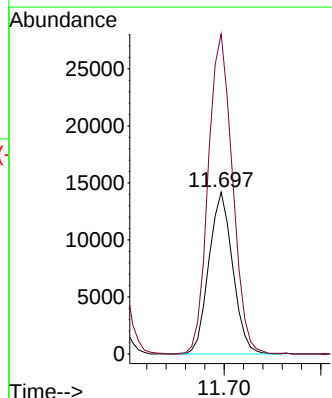
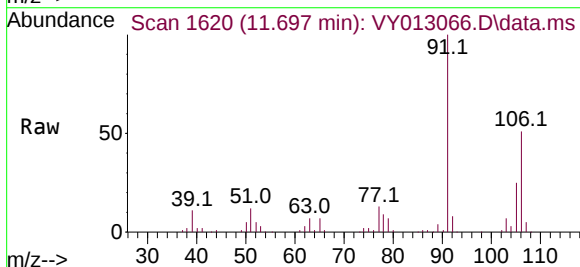
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SOILPILE-1-0323

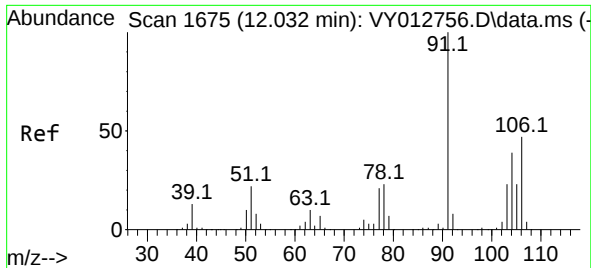
Tgt Ion: 91 Resp: 13529
Ion Ratio Lower Upper
91 100
106 30.3 25.1 37.7



#68
m/p-Xylenes
Concen: 14.433 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

Tgt Ion:106 Resp: 24208
Ion Ratio Lower Upper
106 100
91 202.0 159.8 239.8

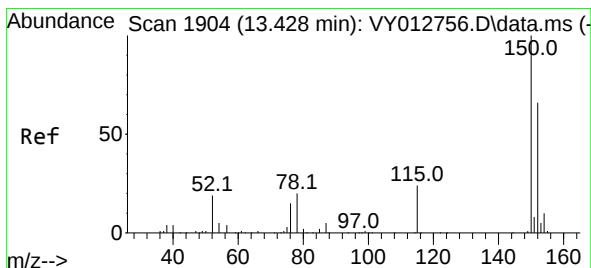
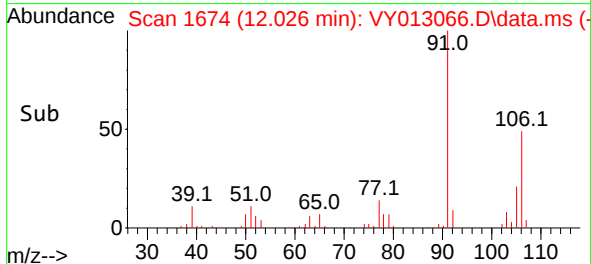
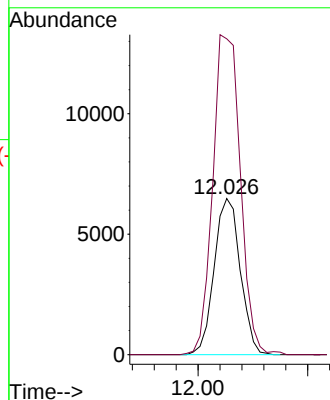
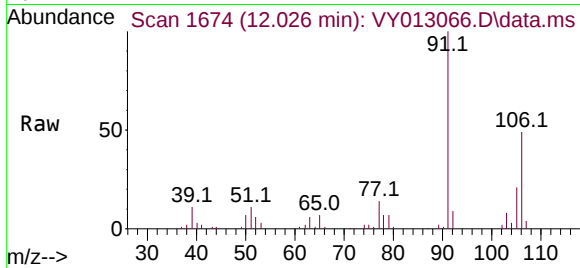




#69
o-Xylene
Concen: 6.849 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

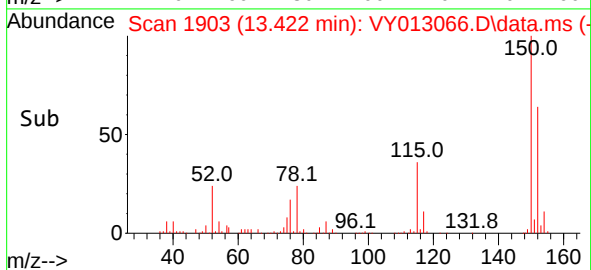
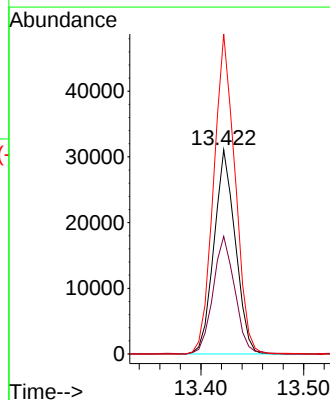
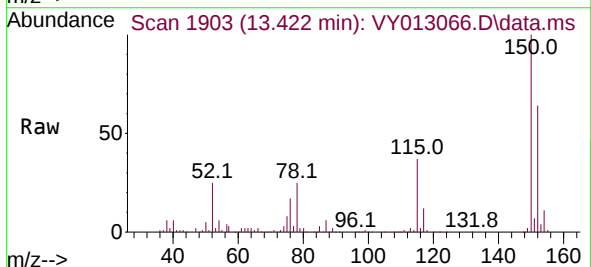
Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-1-0323

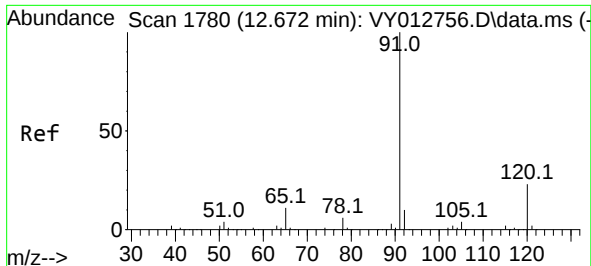
Tgt Ion:106 Resp: 10722
Ion Ratio Lower Upper
106 100
91 216.7 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

Tgt Ion:152 Resp: 44715
Ion Ratio Lower Upper
152 100
115 58.8 27.1 81.3
150 157.6 0.0 347.8

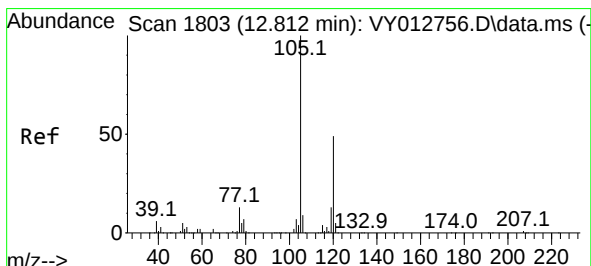
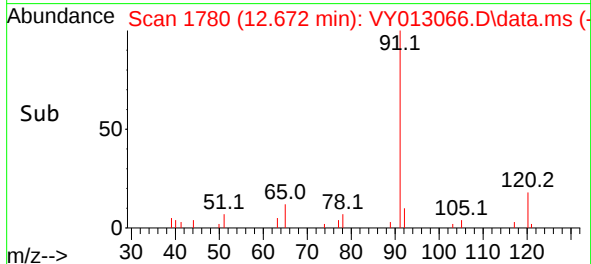
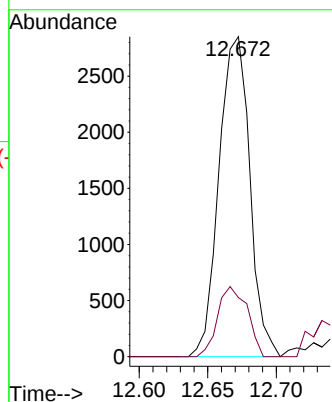
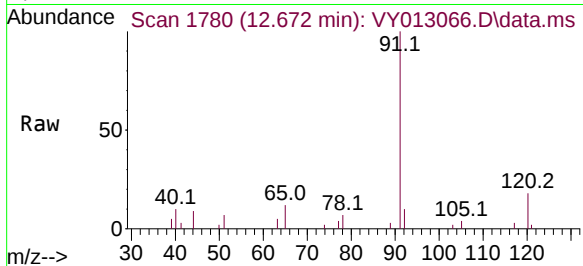




#78
n-propylbenzene
Concen: 1.142 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

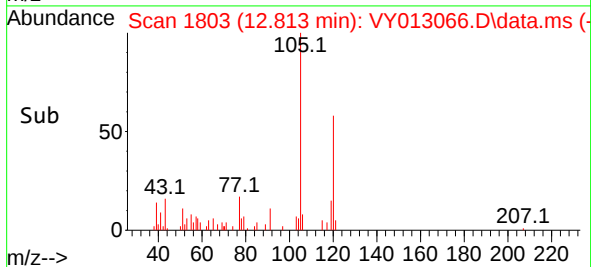
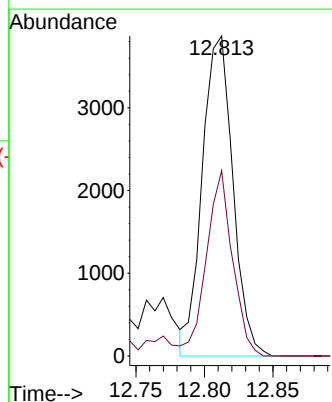
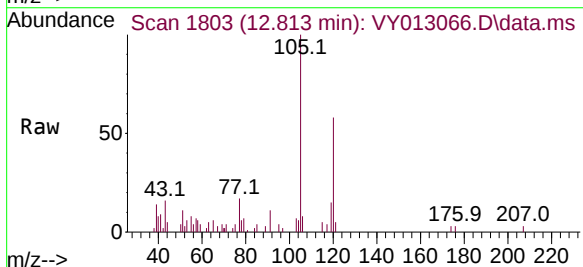
Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-1-0323

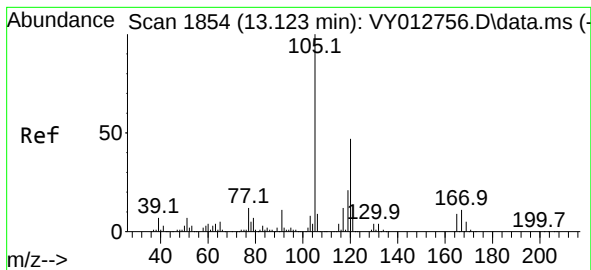
Tgt Ion: 91 Resp: 4462
Ion Ratio Lower Upper
91 100
120 21.1 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 2.297 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013066.D
Acq: 23 Mar 2023 17:35

Tgt Ion: 105 Resp: 6008
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.4





#84

1,2,4-Trimethylbenzene

Concen: 7.011 ug/l

RT: 13.117 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013066.D

Acq: 23 Mar 2023 17:35

Instrument :

MSVOA_Y

ClientSampleId :

SOILPILE-1-0323

Tgt Ion:105 Resp: 17930

Ion Ratio Lower Upper

105 100

120 44.3 23.0 69.0

