

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014996.D
 Acq On : 08 Aug 2023 19:31
 Operator : SY/MD
 Sample : 03931-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DAYTON-SOIL2

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

Quant Time: Aug 09 01:06:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	121279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	202658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67602	45.990	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.980%		
35) Dibromofluoromethane	7.716	113	62567	48.279	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.560%		
50) Toluene-d8	10.179	98	242864	49.235	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.480%		
62) 4-Bromofluorobenzene	12.483	95	91961	52.602	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.200%		
Target Compounds						
					Qvalue	
31) Cyclohexane	7.771	56	11522	4.372	ug/l #	84
39) Methylcyclohexane	9.179	83	25714	13.439	ug/l	97
67) Ethyl Benzene	11.593	91	194332	31.277	ug/l	99
68) m/p-Xylenes	11.697	106	225817	95.007	ug/l	97
69) o-Xylene	12.026	106	4247	1.826	ug/l	88
73) Isopropylbenzene	12.331	105	61514	10.120	ug/l	99
78) n-propylbenzene	12.672	91	374542	51.518	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	597026	119.189	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	2228435	444.036	ug/l	98
85) sec-Butylbenzene	13.251	105	50822m	7.557	ug/l	
86) p-Isopropyltoluene	13.367	119	22134m	3.976	ug/l	
89) n-Butylbenzene	13.696	91	97027	18.550	ug/l #	71

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

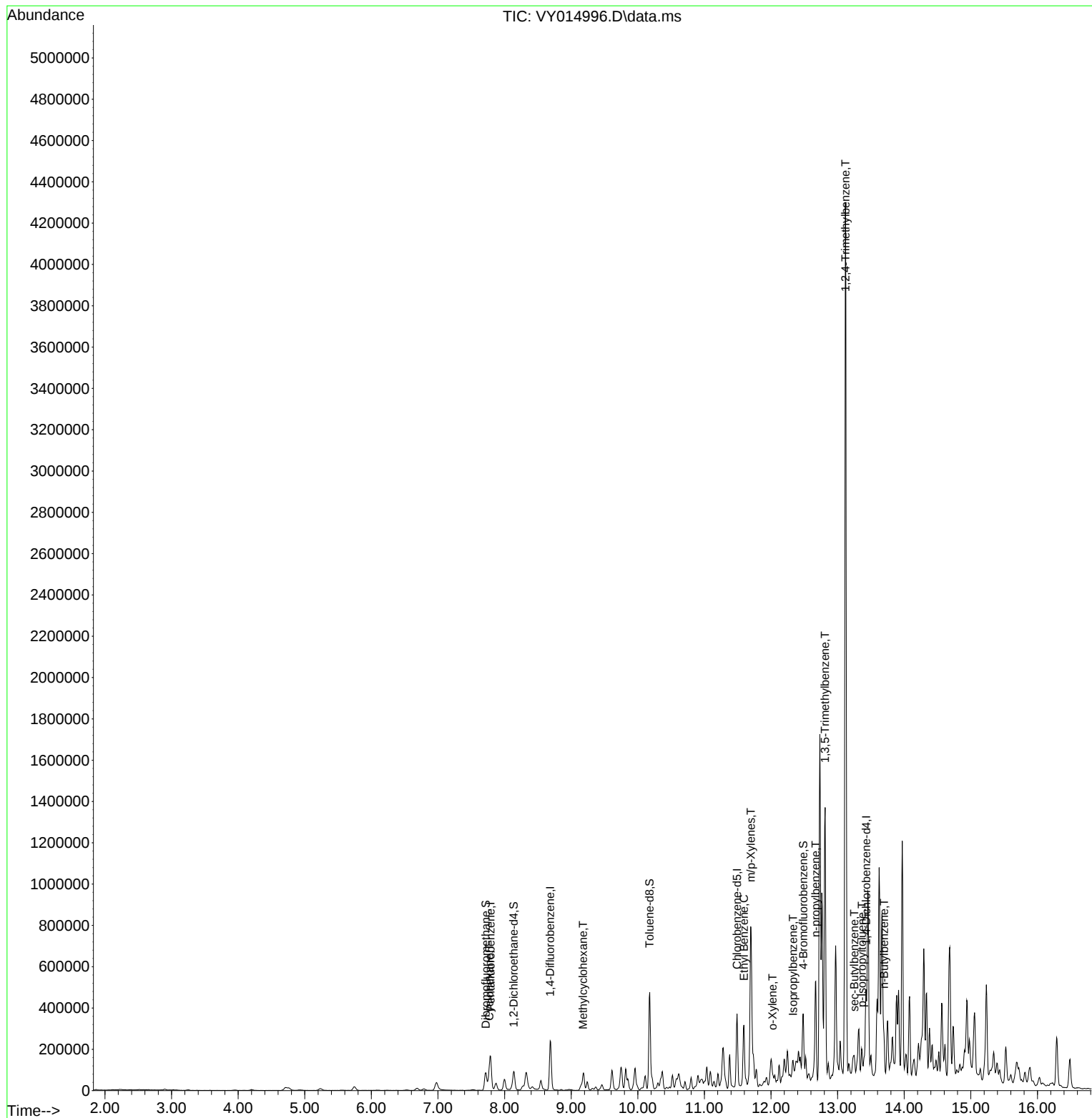
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
Data File : VY014996.D
Acq On : 08 Aug 2023 19:31
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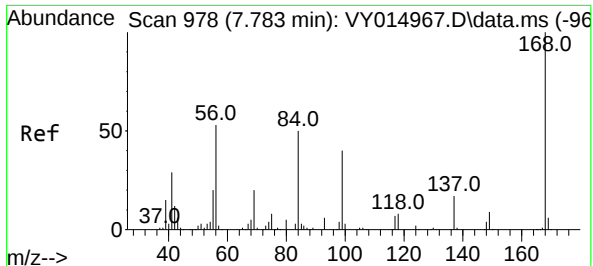
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2

Quant Time: Aug 09 01:06:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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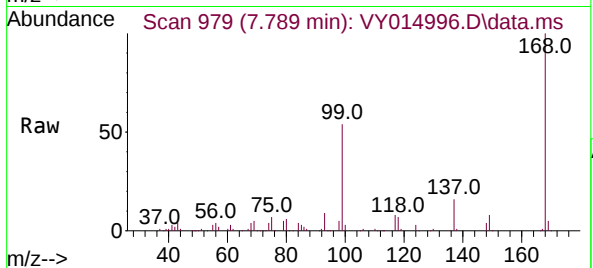
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31

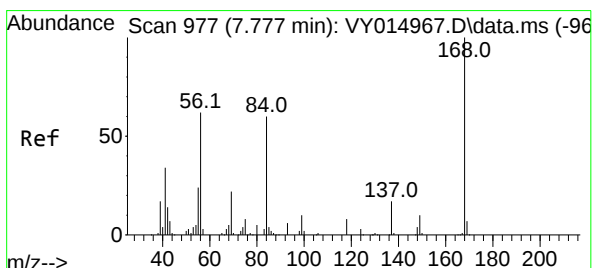
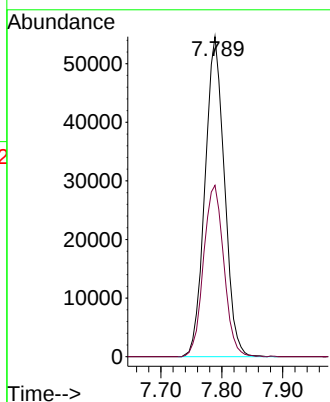
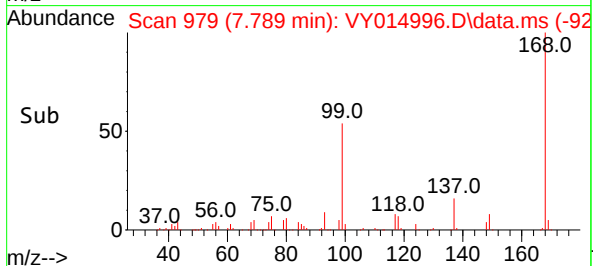
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2



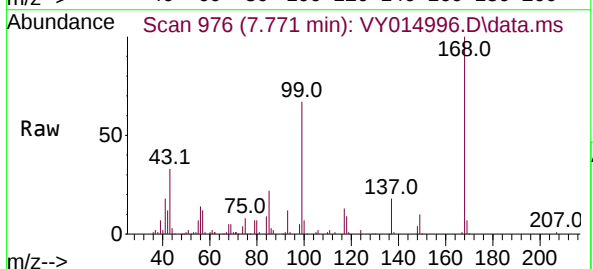
Tgt Ion:168 Resp: 121279
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0

Manual Integrations
APPROVED

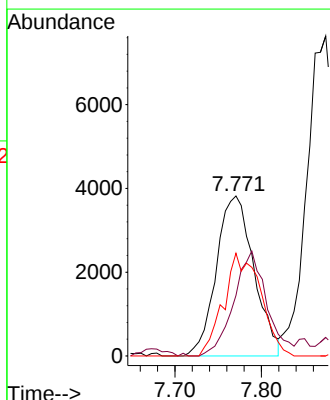
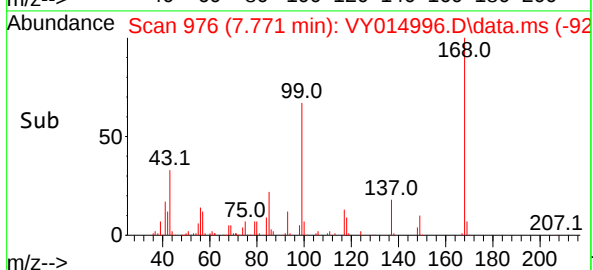
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

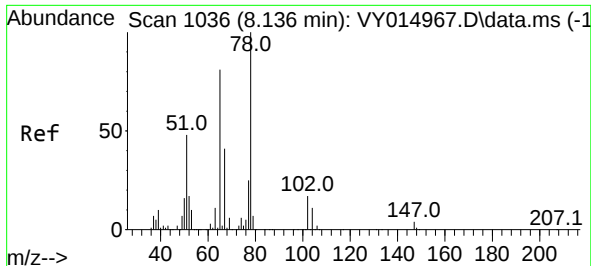


#31
Cyclohexane
Concen: 4.372 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.006 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31



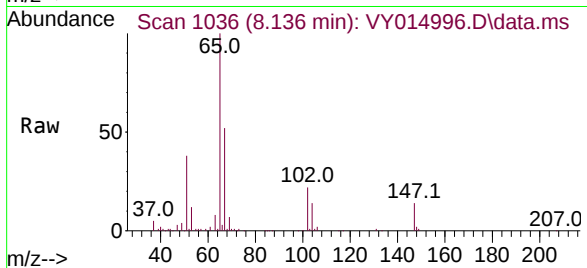
Tgt Ion: 56 Resp: 11522
Ion Ratio Lower Upper
56 100
69 37.8 27.8 41.6
84 64.2 66.4 99.6#





#33
1,2-Dichloroethane-d4
Concen: 45.990 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31

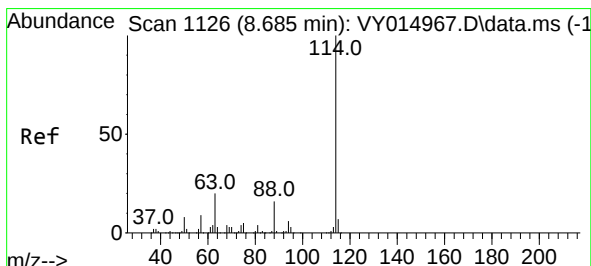
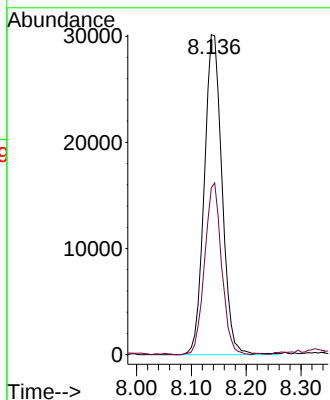
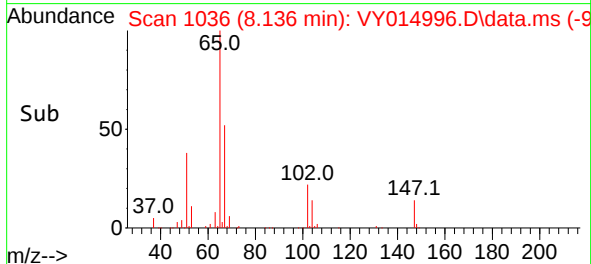
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2



Tgt Ion: 65 Resp: 67602
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

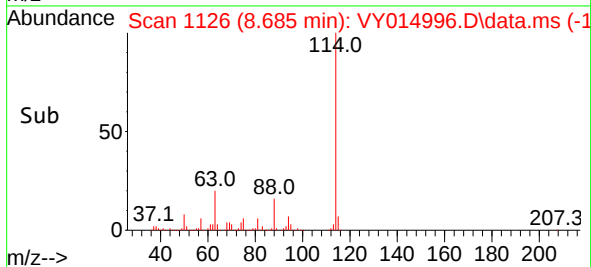
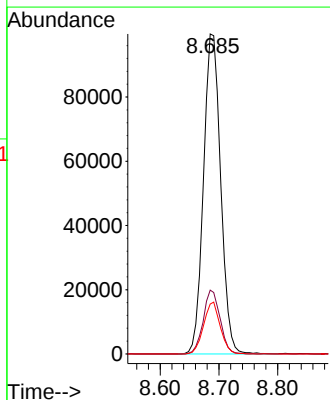
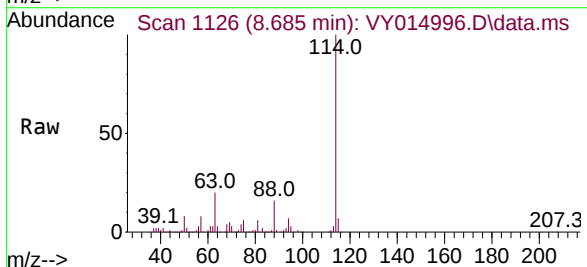
Manual Integrations
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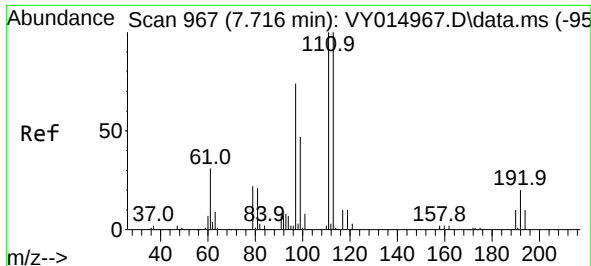
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31

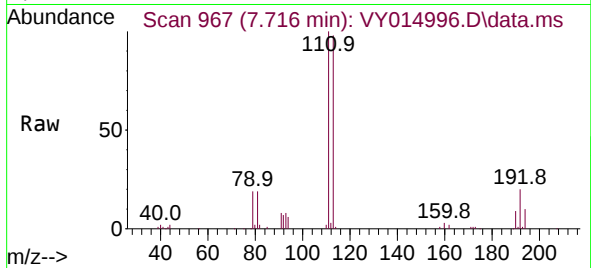
Tgt Ion:114 Resp: 202658
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.279 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31

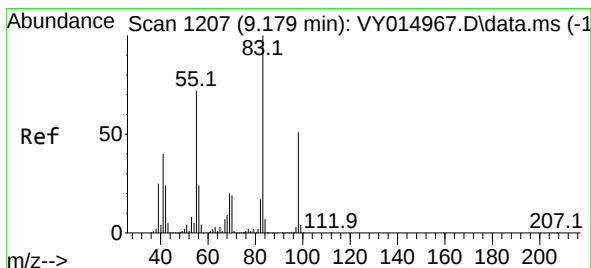
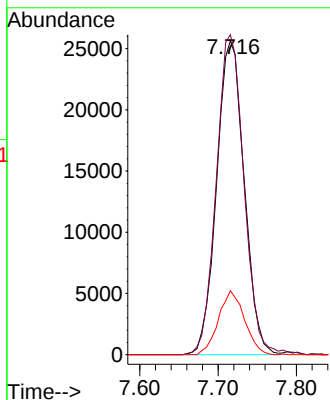
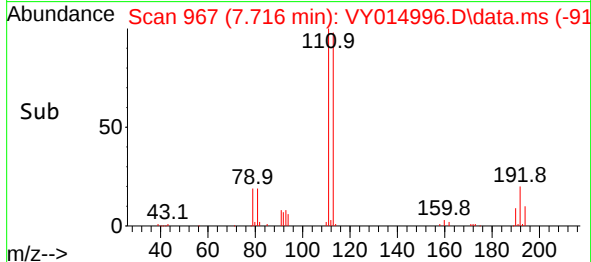
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2



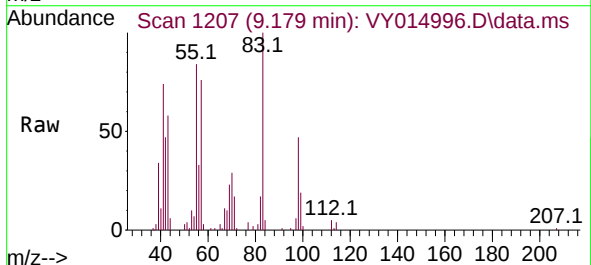
Tgt Ion: 113 Resp: 6256
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.3 16.9 25.3

Manual Integrations
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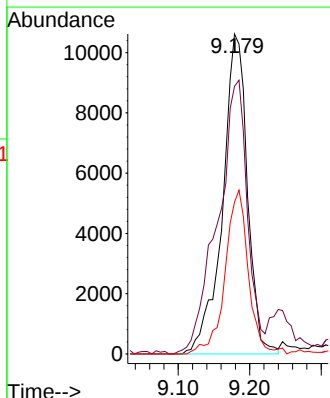
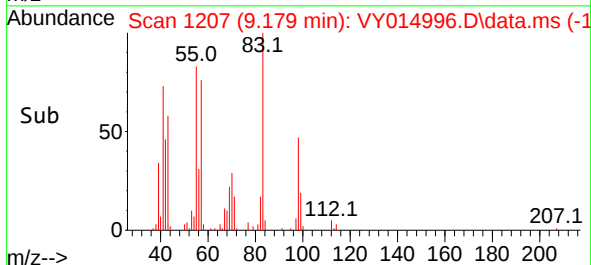
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

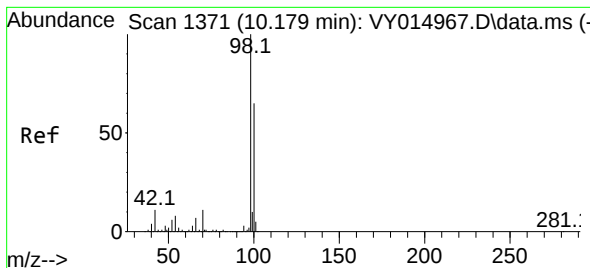


#39
Methylcyclohexane
Concen: 13.439 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31



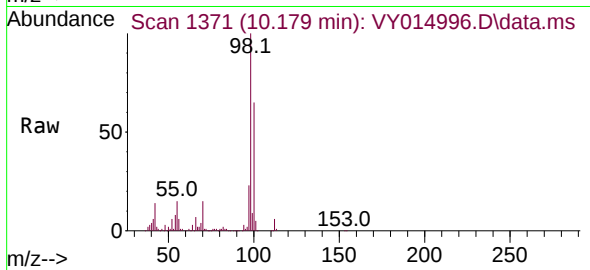
Tgt Ion: 83 Resp: 25714
Ion Ratio Lower Upper
83 100
55 82.9 63.0 94.4
98 47.4 37.4 56.2





#50
Toluene-d8
Concen: 49.235 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31

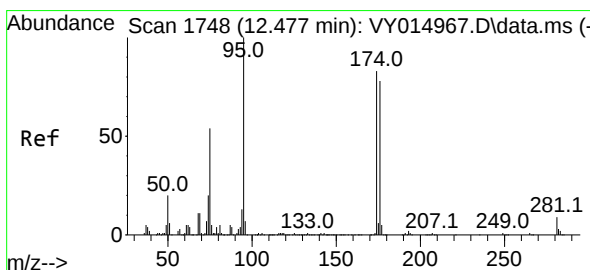
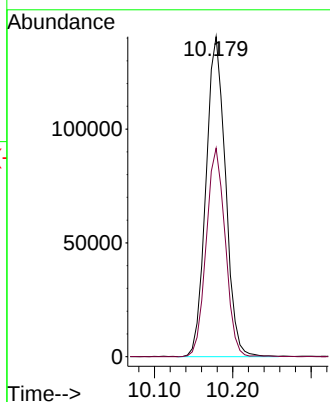
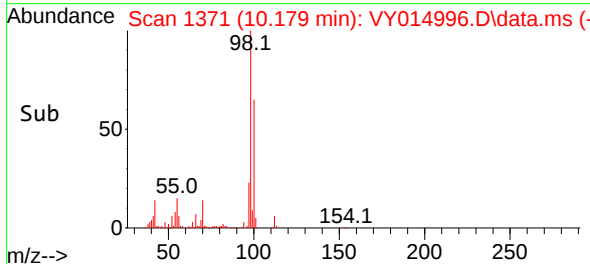
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2



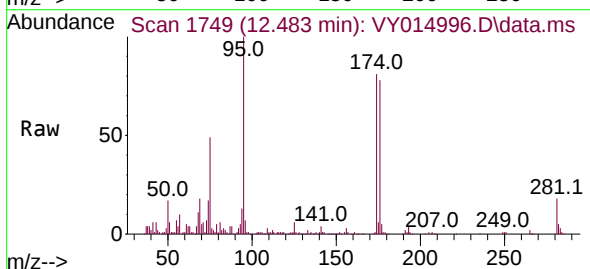
Tgt Ion: 98 Resp: 242864
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

Manual Integrations
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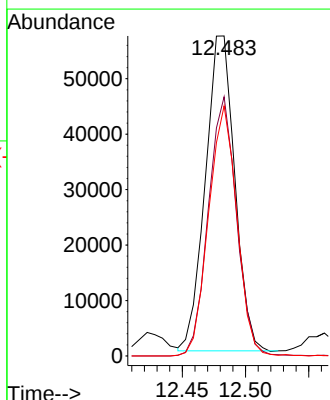
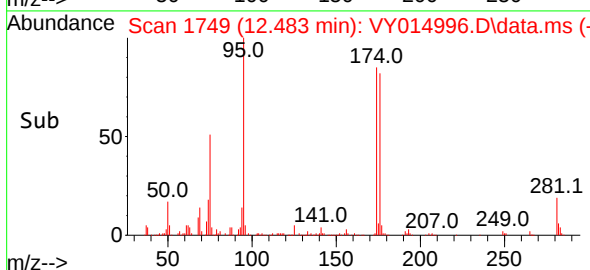
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

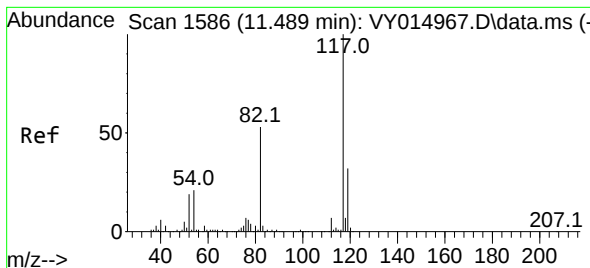


#62
4-Bromofluorobenzene
Concen: 52.602 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31



Tgt Ion: 95 Resp: 91961
Ion Ratio Lower Upper
95 100
174 78.7 0.0 178.2
176 76.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014996.D

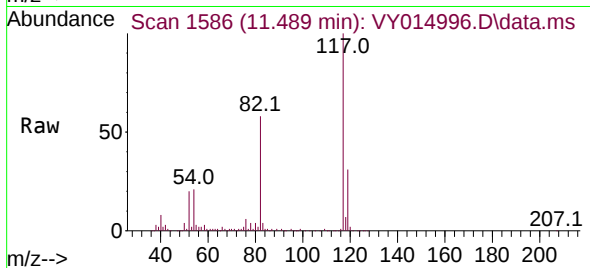
Acq: 08 Aug 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

DAYTON-SOIL2



Tgt Ion:117 Resp: 186578

Ion Ratio Lower Upper

117 100

82 57.1 43.4 65.0

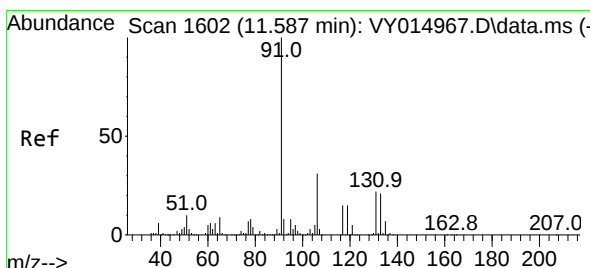
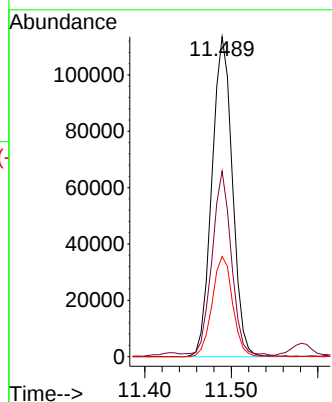
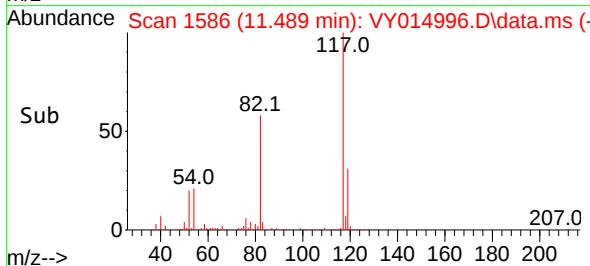
119 31.3 26.3 39.5

Manual Integrations

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Reviewed By :Romaben Patel 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#67

Ethyl Benzene

Concen: 31.277 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY014996.D

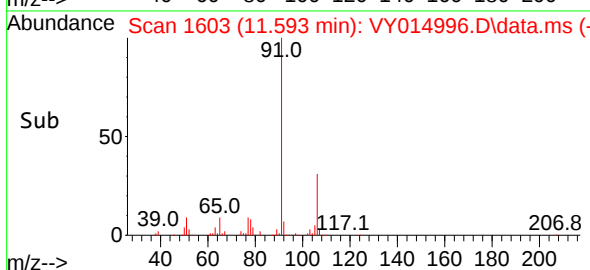
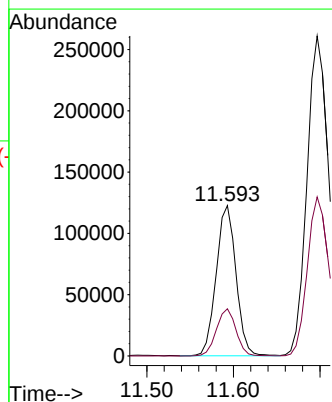
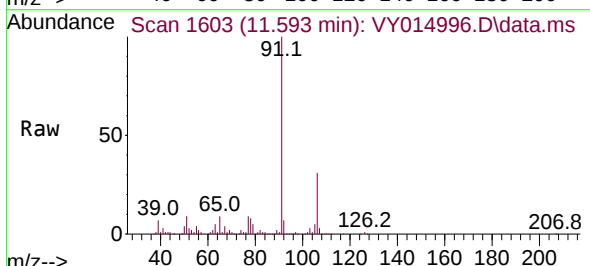
Acq: 08 Aug 2023 19:31

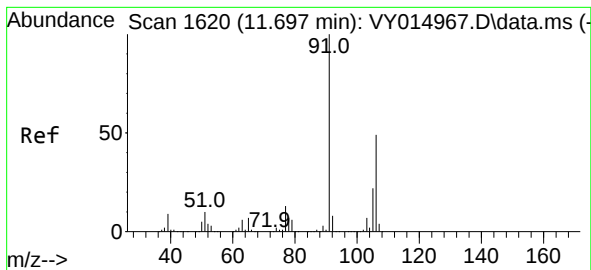
Tgt Ion: 91 Resp: 194332

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8





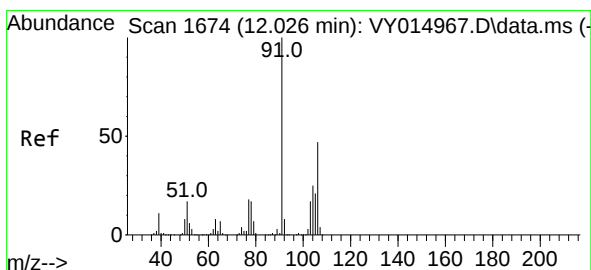
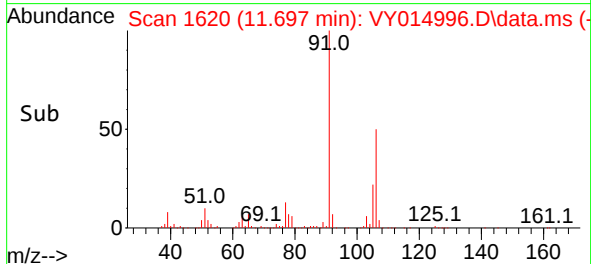
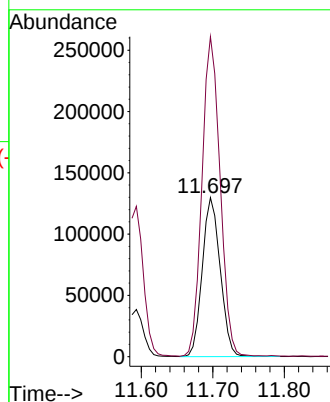
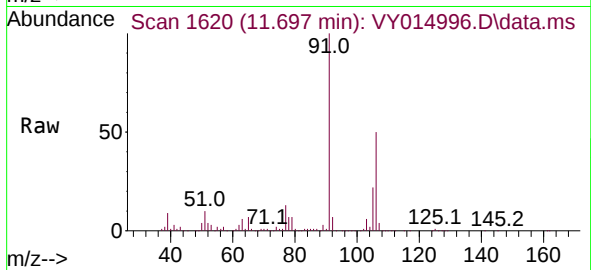
#68
m/p-Xylenes
Concen: 95.007 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31

Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2

Tgt Ion:106 Resp: 22581
Ion Ratio Lower Upper
106 100
91 202.7 166.1 249.1

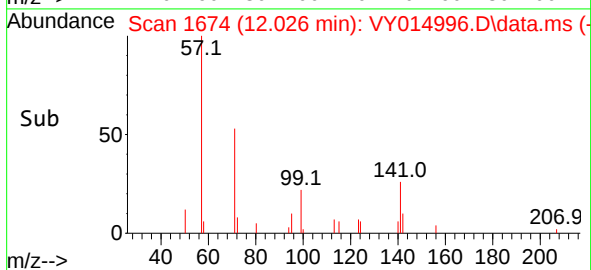
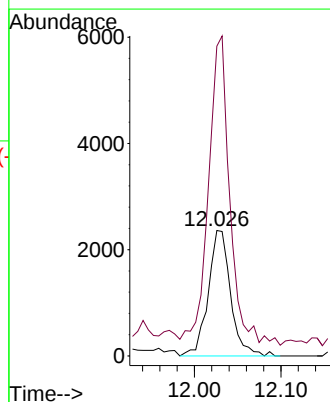
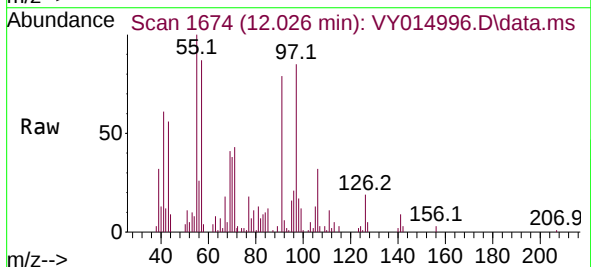
Manual Integrations
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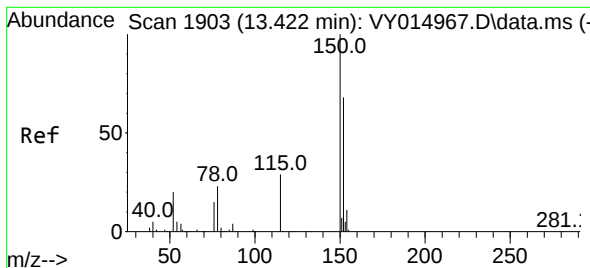
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#69
o-Xylene
Concen: 1.826 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31

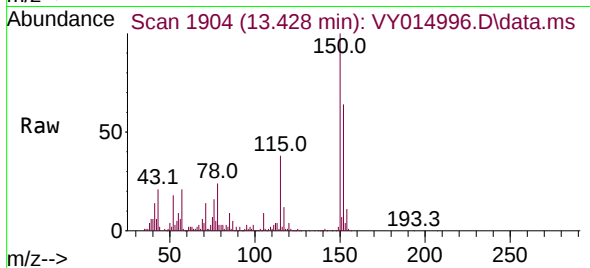
Tgt Ion:106 Resp: 4247
Ion Ratio Lower Upper
106 100
91 235.8 108.1 324.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31

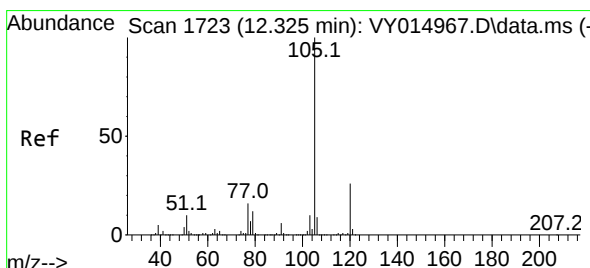
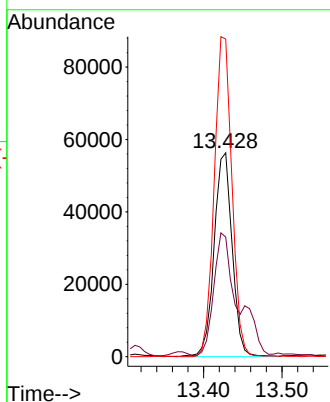
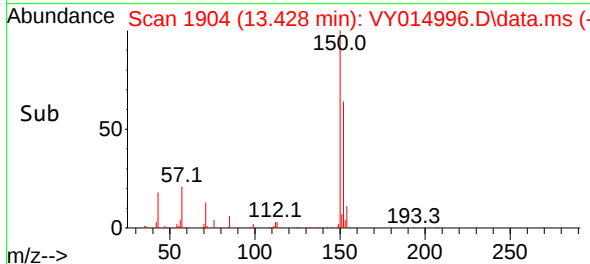
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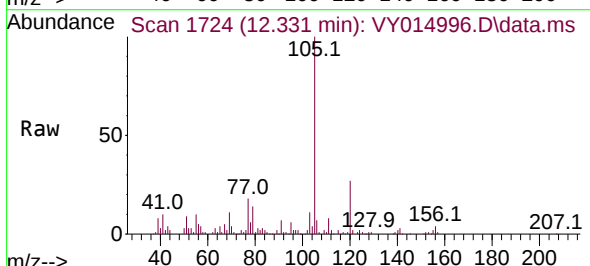
Tgt Ion:152 Resp: 90424
Ion Ratio Lower Upper
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115 79.9 28.8 86.5
150 153.5 0.0 348.8

Manual Integrations
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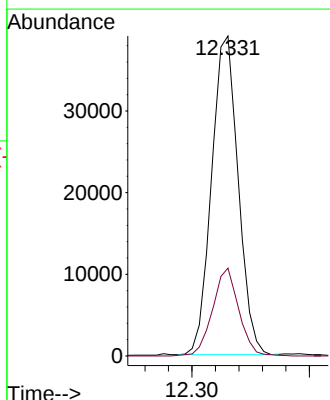
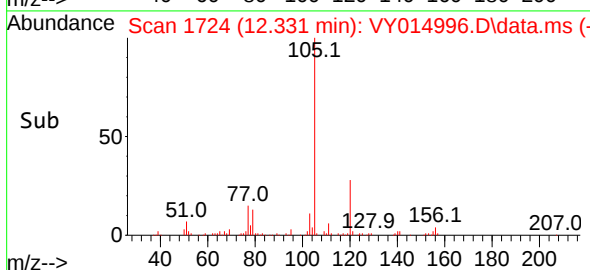
Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

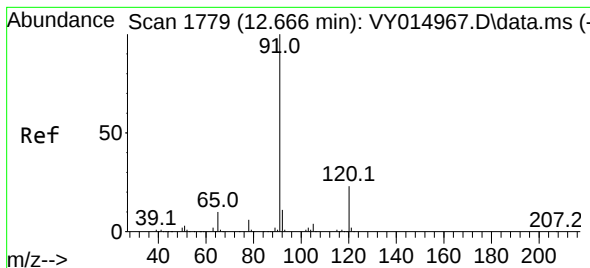


#73
Isopropylbenzene
Concen: 10.120 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31



Tgt Ion:105 Resp: 61514
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9





#78

n-propylbenzene

Concen: 51.518 ug/l

RT: 12.672 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014996.D

Acq: 08 Aug 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

DAYTON-SOIL2

Tgt Ion: 91 Resp: 37454

Ion Ratio Lower Upper

91 100

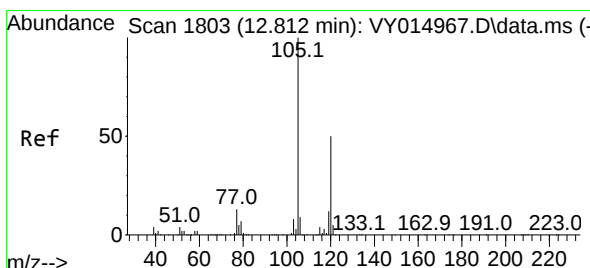
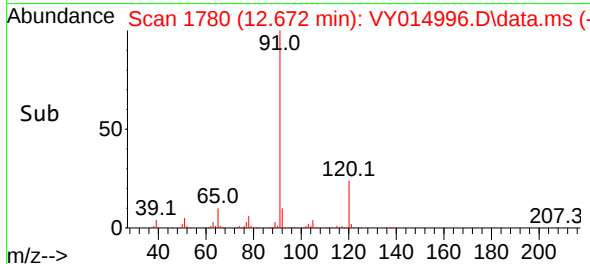
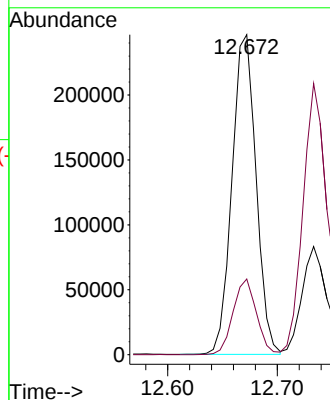
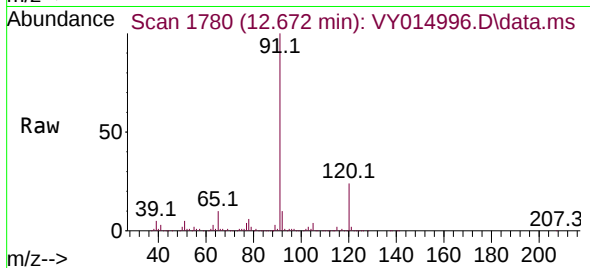
120 23.1 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#80

1,3,5-Trimethylbenzene

Concen: 119.189 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY014996.D

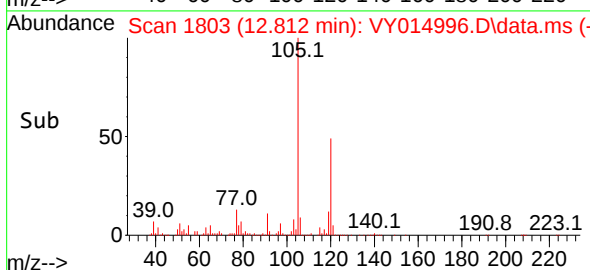
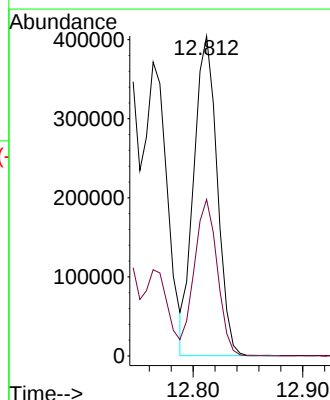
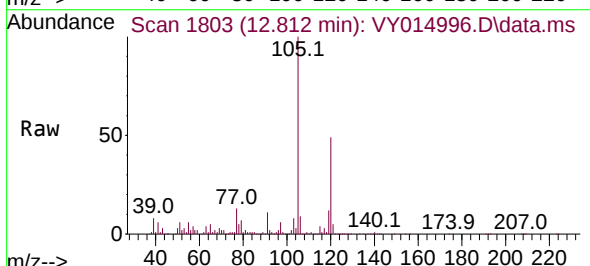
Acq: 08 Aug 2023 19:31

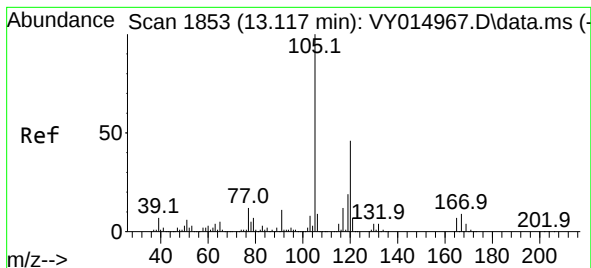
Tgt Ion:105 Resp: 597026

Ion Ratio Lower Upper

105 100

120 48.5 23.9 71.7





#84

1,2,4-Trimethylbenzene

Concen: 444.036 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY014996.D

Acq: 08 Aug 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

DAYTON-SOIL2

Tgt Ion:105 Resp: 222843

Ion Ratio Lower Upper

105 100

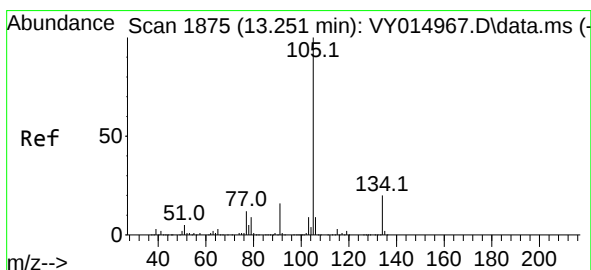
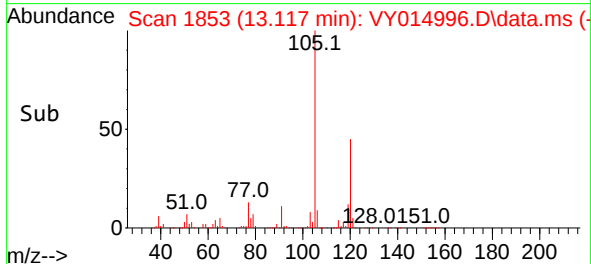
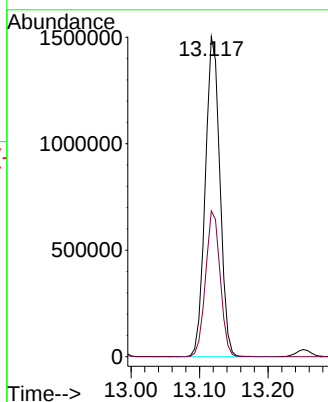
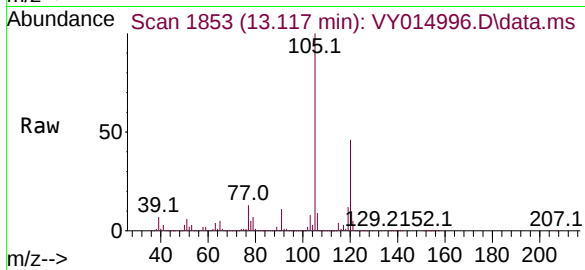
120 45.5 22.2 66.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/09/2023

Supervised By :Semsettin Yesilyurt 08/09/2023



#85

sec-Butylbenzene

Concen: 7.557 ug/l m

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY014996.D

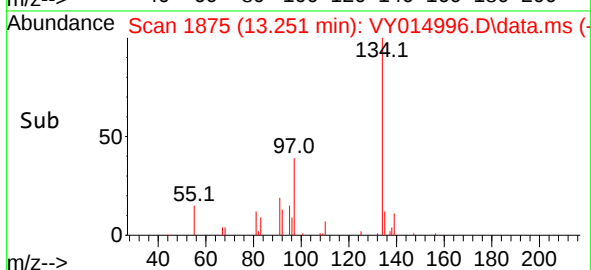
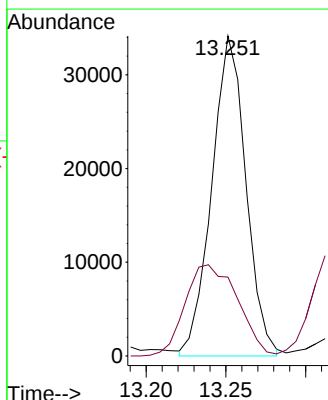
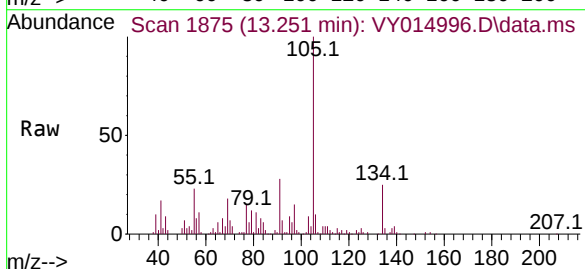
Acq: 08 Aug 2023 19:31

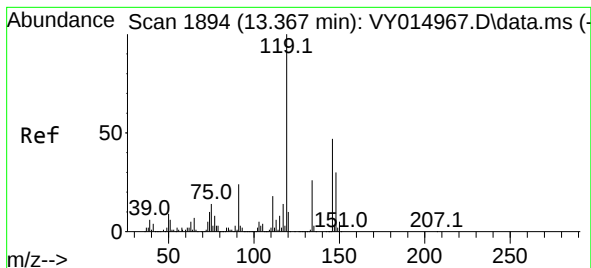
Tgt Ion:105 Resp: 50822

Ion Ratio Lower Upper

105 100

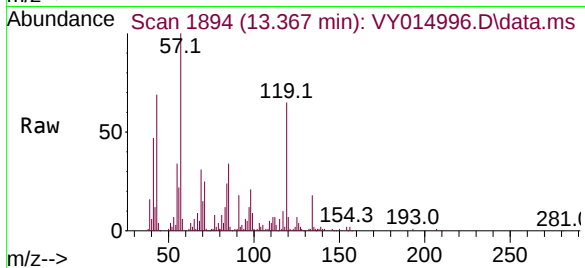
134 0.0 10.2 30.6#





#86
p-Isopropyltoluene
Concen: 3.976 ug/l m
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31

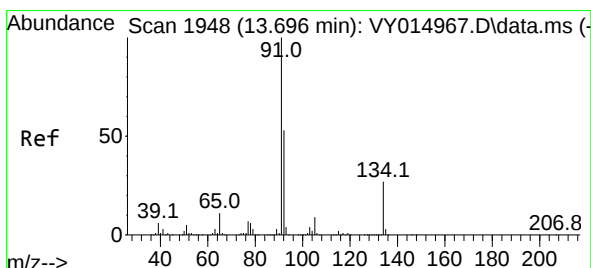
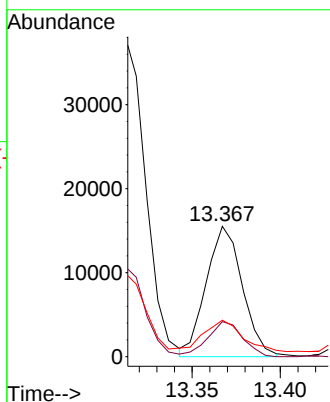
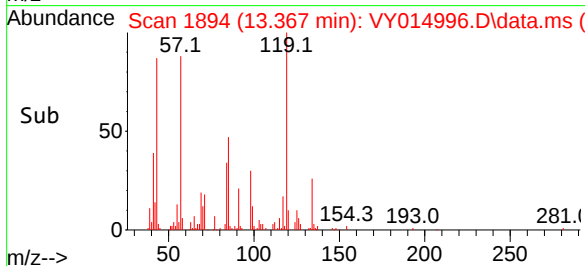
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2



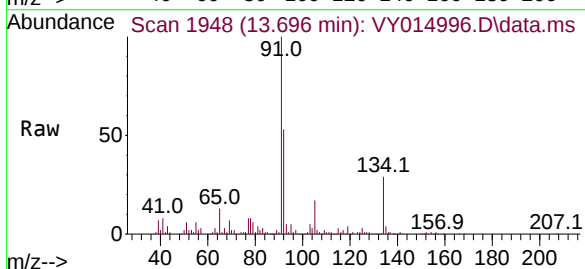
Tgt Ion:119 Resp: 22134
Ion Ratio Lower Upper
119 100
134 68.6 13.3 39.8
91 60.3 12.4 37.4

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#89
n-Butylbenzene
Concen: 18.550 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY014996.D
Acq: 08 Aug 2023 19:31



Tgt Ion: 91 Resp: 97027
Ion Ratio Lower Upper
91 100
92 64.1 25.4 76.0
134 0.0 12.6 37.6

