

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007253.D
 Acq On : 21 Jan 2022 15:00
 Operator : SY/MD
 Sample : N1218-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EAST-BOILER-PIT-WASTE-CLASS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 22 00:23:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	92805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	150482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59478	52.232	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.460%			
35) Dibromofluoromethane	7.728	113	57547	49.112	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.220%			
50) Toluene-d8	10.185	98	206507	48.233	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.460%			
62) 4-Bromofluorobenzene	12.483	95	65553	43.042	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.080%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	9909	33.530	ug/l	96
52) Toluene	10.246	92	4562	1.442	ug/l	95
64) Tetrachloroethene	10.721	164	14956	13.789	ug/l	94
68) m/p-Xylenes	11.703	106	5490	2.389	ug/l	95
78) n-propylbenzene	12.672	91	6779m	1.315	ug/l	
80) 1,3,5-Trimethylbenzene	12.812	105	14885	4.361	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	11978	3.540	ug/l	100
86) p-Isopropyltoluene	13.373	119	14930	4.117	ug/l	97

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

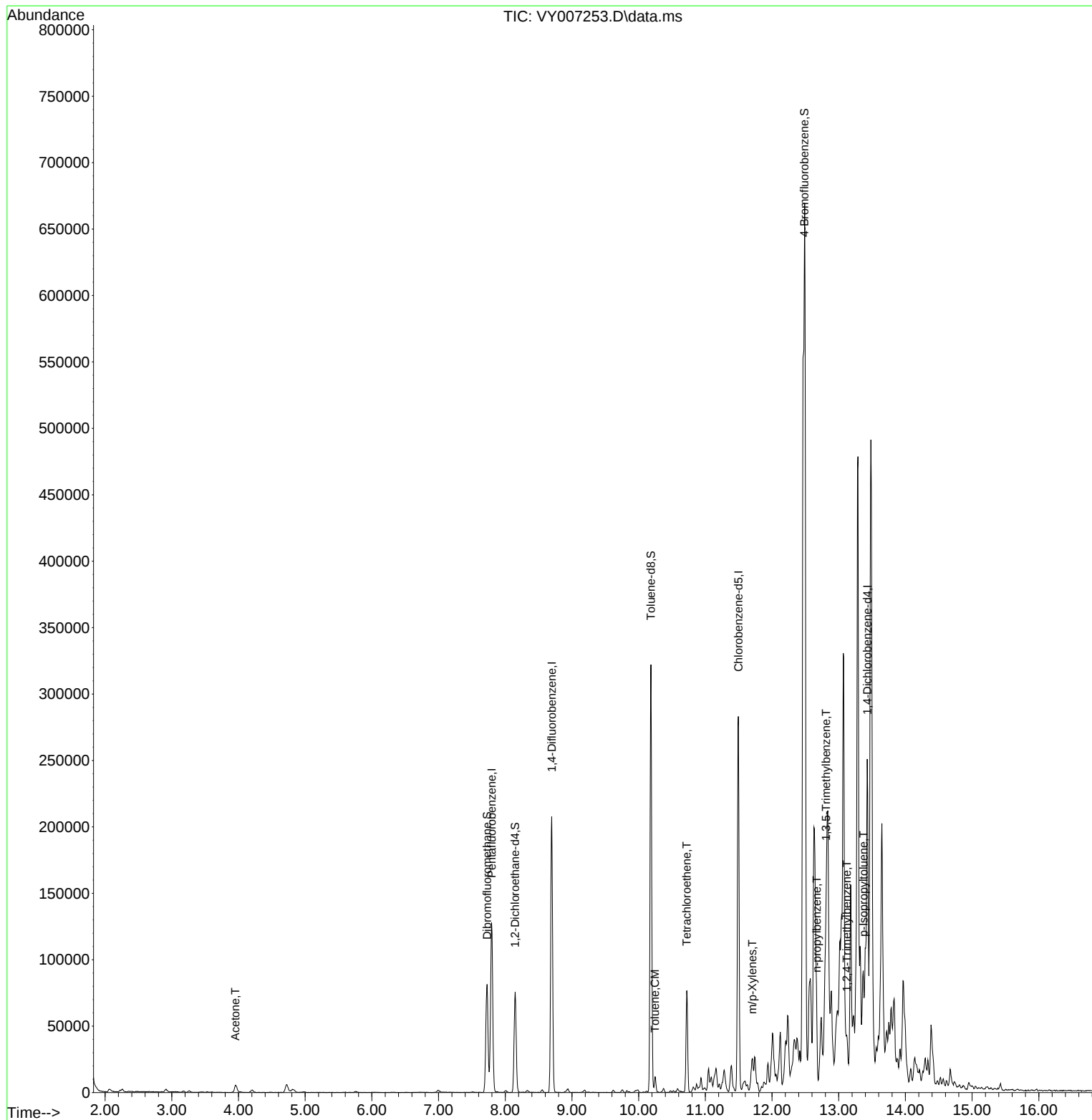
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
Data File : VY007253.D
Acq On : 21 Jan 2022 15:00
Operator : SY/MD
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EAST-BOILER-PIT-WASTE-CLASS

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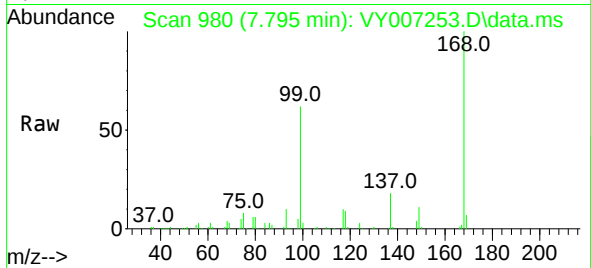
Quant Time: Jan 22 00:23:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

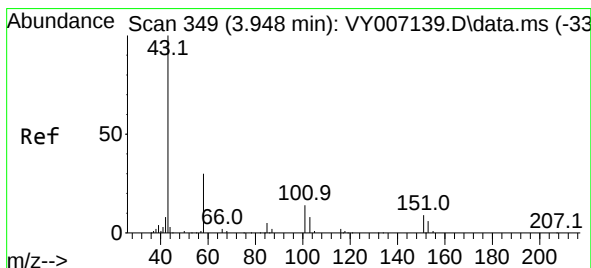
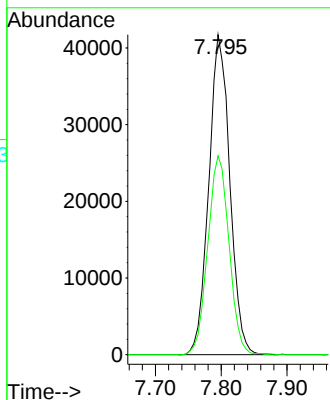
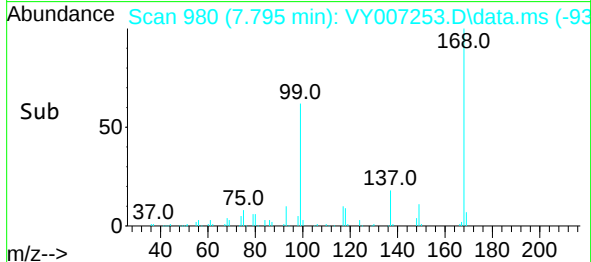
Instrument :
MSVOA_Y
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS



Tgt Ion:168 Resp: 9280
Ion Ratio Lower Upper
168 100
99 62.1 49.1 73.7

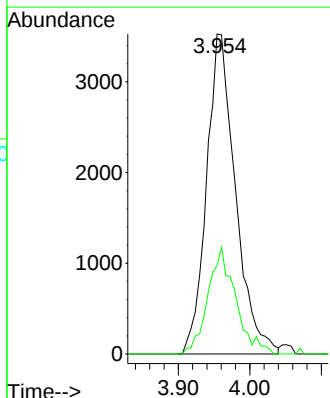
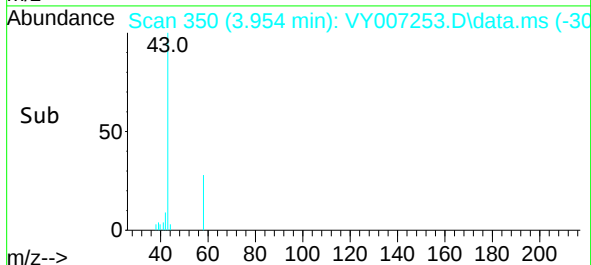
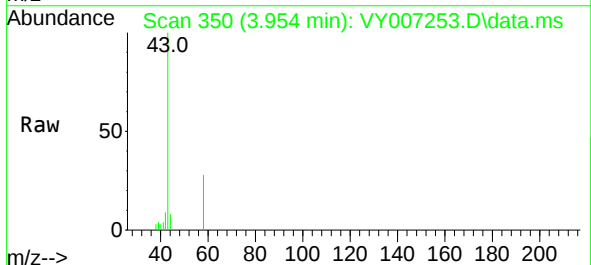
Manual Integrations
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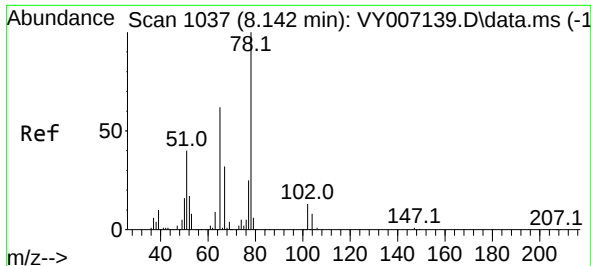
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#16
Acetone
Concen: 33.530 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

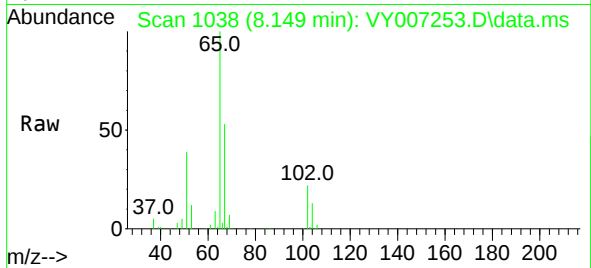
Tgt Ion: 43 Resp: 9909
Ion Ratio Lower Upper
43 100
58 27.6 23.8 35.6





#33
1,2-Dichloroethane-d4
Concen: 52.232 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

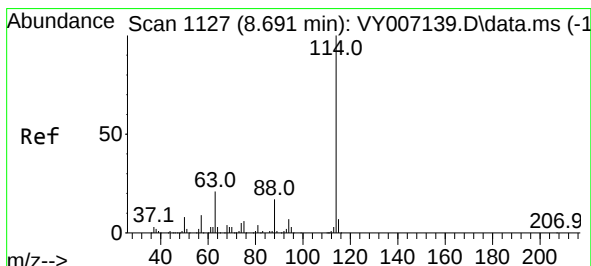
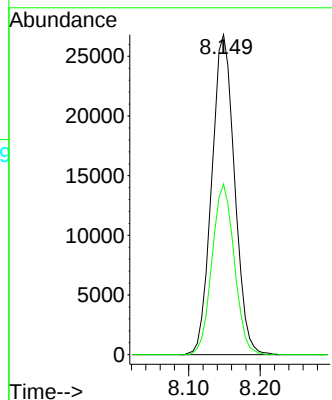
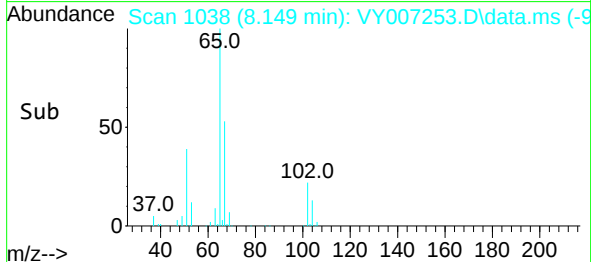
Instrument :
MSVOA_Y
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS



Tgt Ion: 65 Resp: 59478
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.6

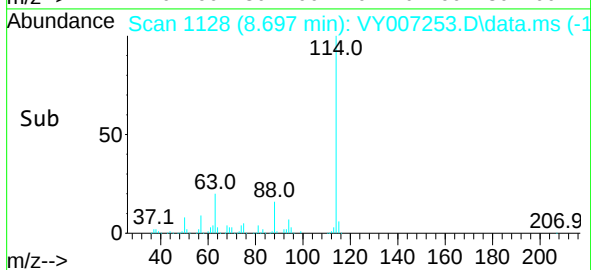
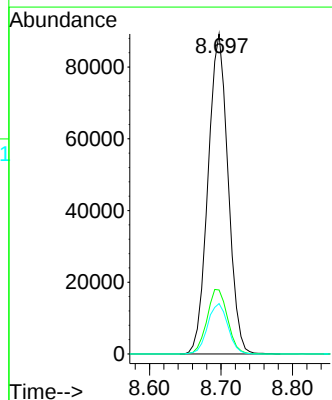
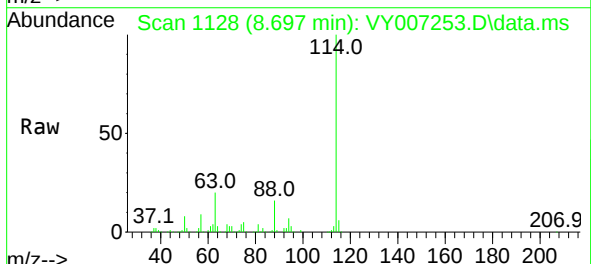
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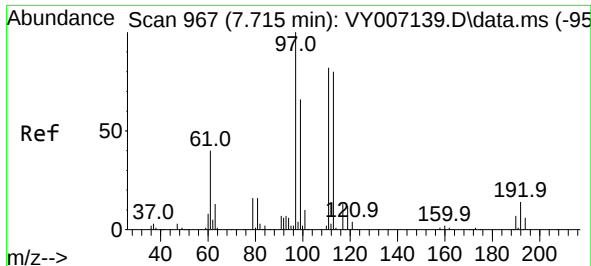
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

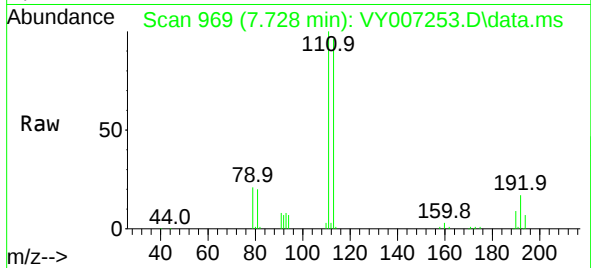
Tgt Ion:114 Resp: 173287
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.7 0.0 31.0





#35
Dibromofluoromethane
Concen: 49.112 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

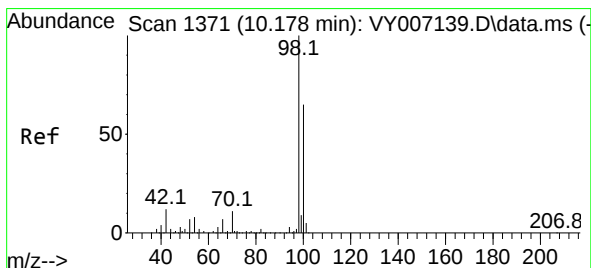
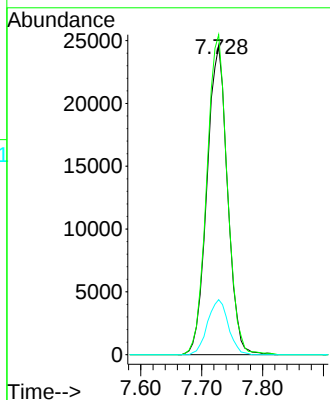
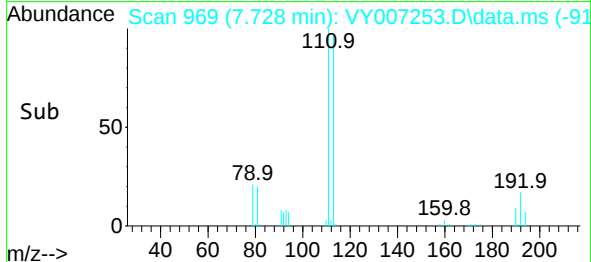
Instrument :
MSVOA_Y
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS



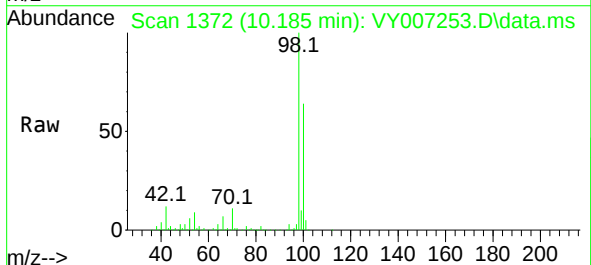
Tgt Ion:113 Resp: 5754
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.9 14.2 21.4

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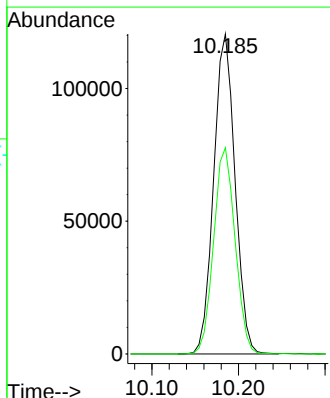
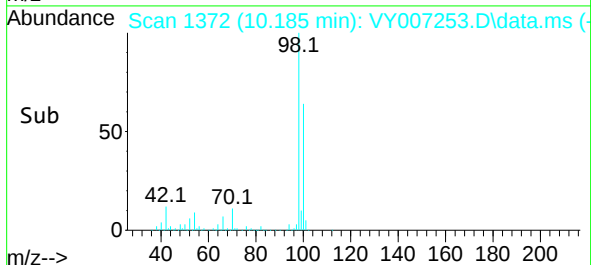
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

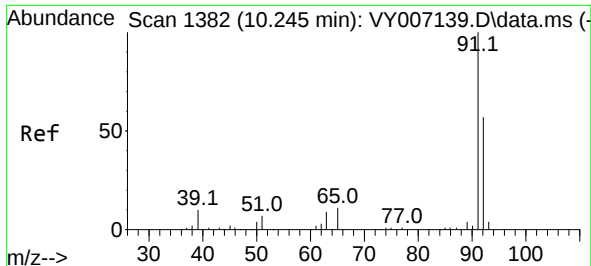


#50
Toluene-d8
Concen: 48.233 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00



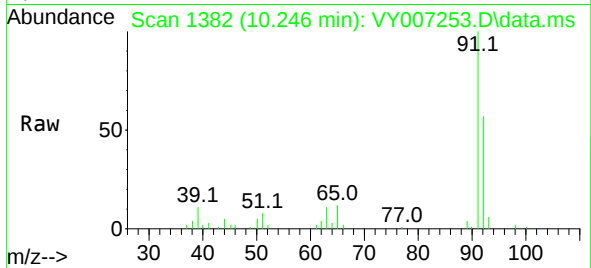
Tgt Ion: 98 Resp: 206507
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2





#52
Toluene
Concen: 1.442 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

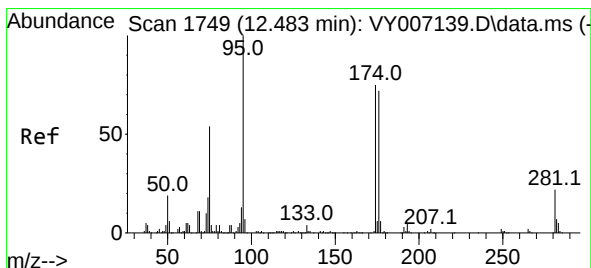
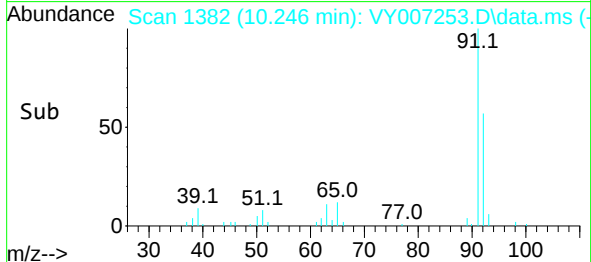
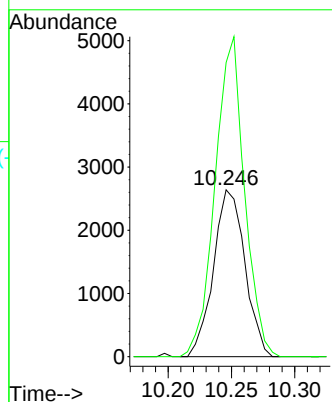
Instrument : MSVOA_Y
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASS



Tgt Ion: 92 Resp: 4562
Ion Ratio Lower Upper
92 100
91 179.4 138.6 207.8

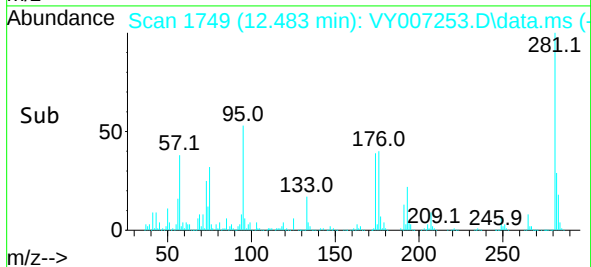
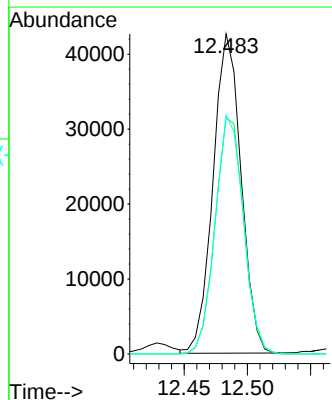
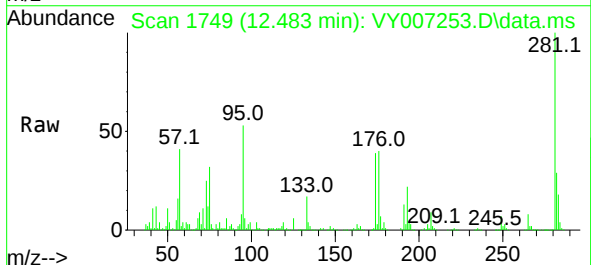
Manual Integrations
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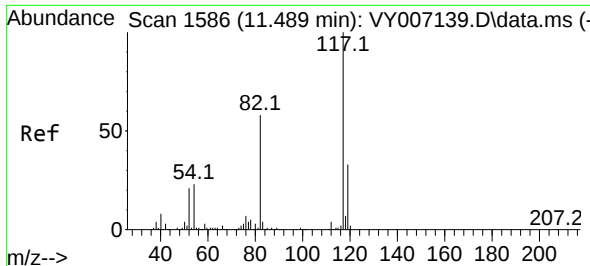
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#62
4-Bromofluorobenzene
Concen: 43.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

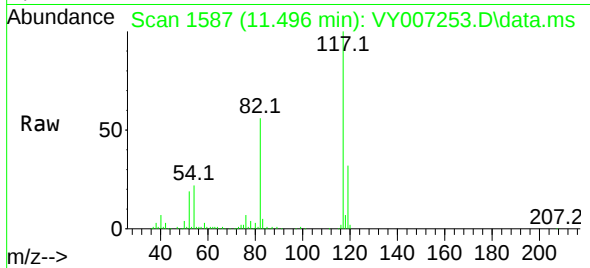
Tgt Ion: 95 Resp: 65553
Ion Ratio Lower Upper
95 100
174 75.6 0.0 148.4
176 75.7 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11587
Delta R.T. 0.006 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

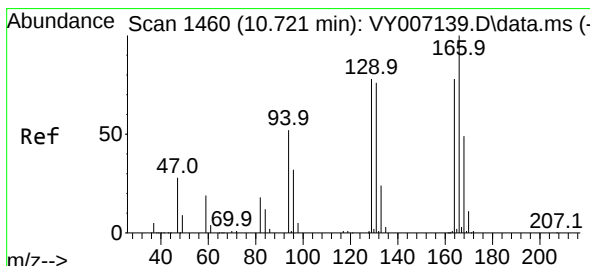
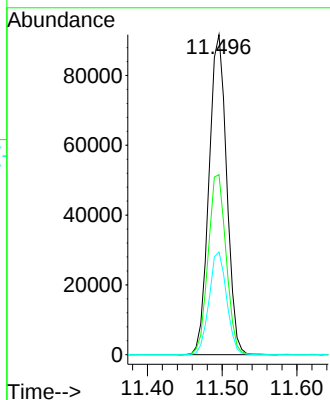
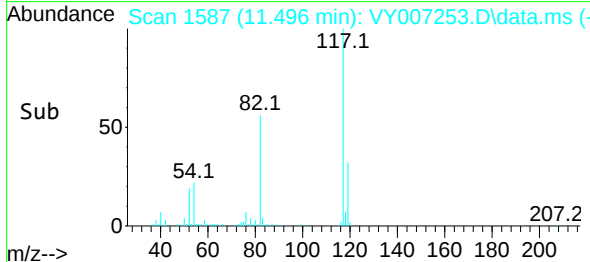
Instrument :
MSVOA_Y
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS



Tgt Ion:117 Resp: 15048
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 32.1 26.4 39.6

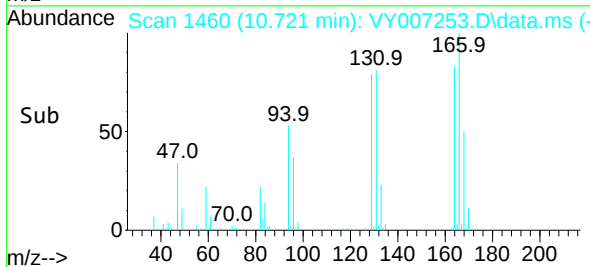
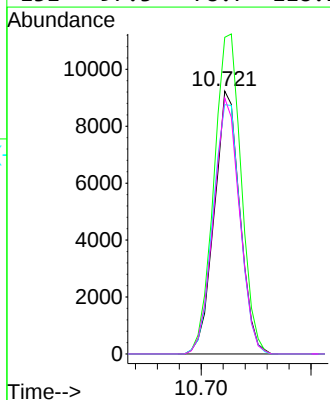
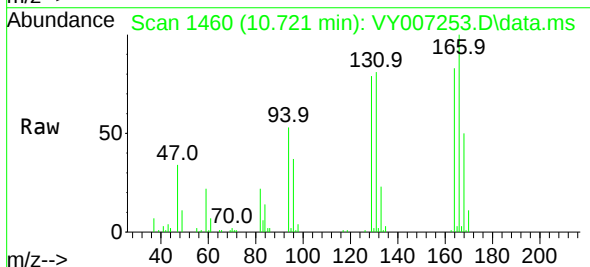
Manual Integrations
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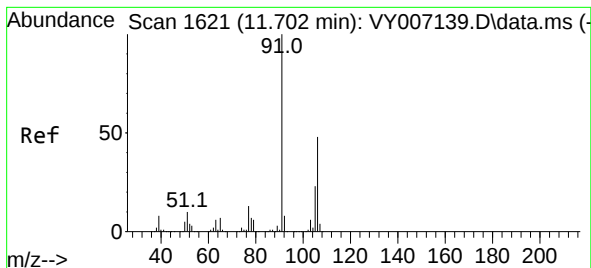
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#64
Tetrachloroethene
Concen: 13.789 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

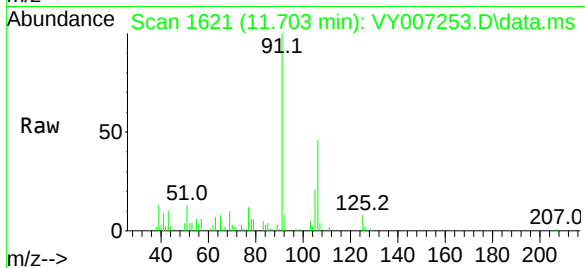
Tgt Ion:164 Resp: 14956
Ion Ratio Lower Upper
164 100
166 120.4 102.6 154.0
129 94.8 84.6 127.0
131 97.3 78.7 118.1





#68
m/p-Xylenes
Concen: 2.389 ug/l
RT: 11.703 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

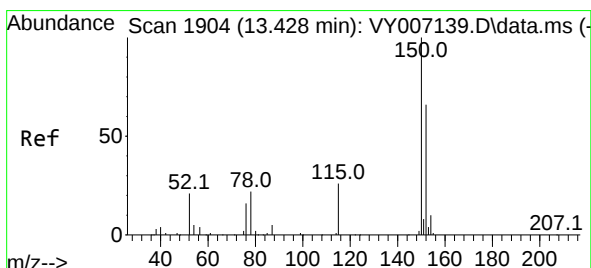
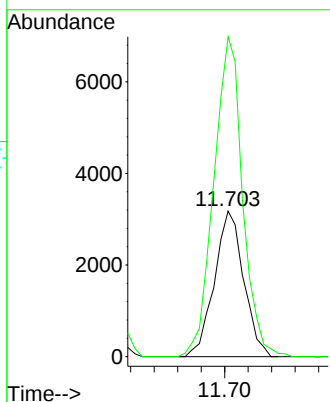
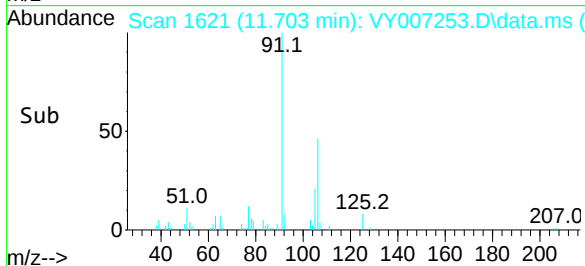
Instrument :
MSVOA_Y
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASS



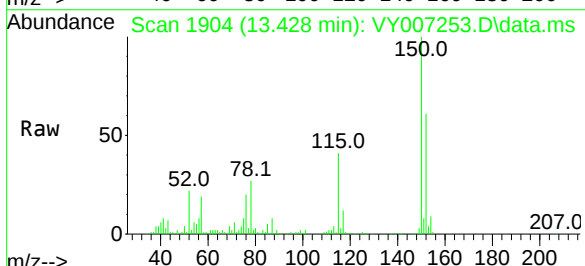
Tgt Ion:106 Resp: 5490
Ion Ratio Lower Upper
106 100
91 216.7 167.1 250.7

Manual Integrations
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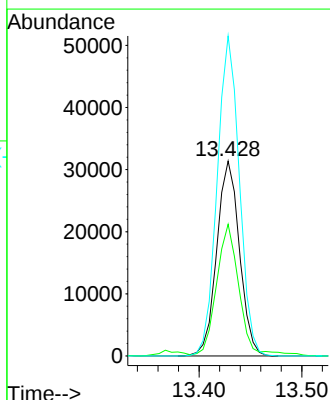
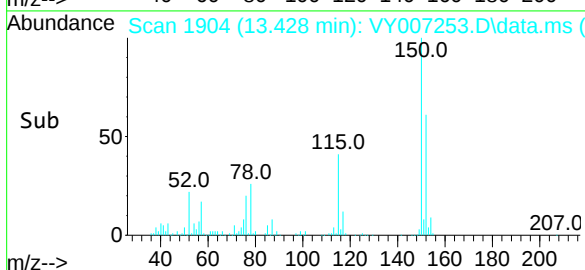
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

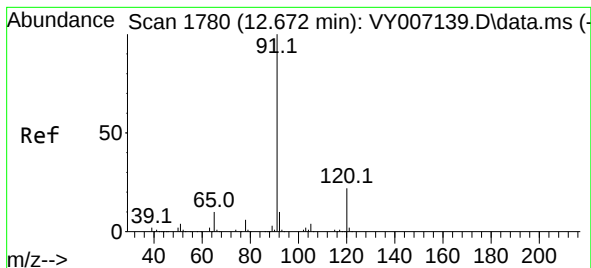


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00



Tgt Ion:152 Resp: 48132
Ion Ratio Lower Upper
152 100
115 67.5 31.4 94.0
150 160.2 0.0 348.4





#78

n-propylbenzene

Concen: 1.315 ug/l m

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY007253.D

Acq: 21 Jan 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

EAST-BOILER-PIT-WASTE-CLASS

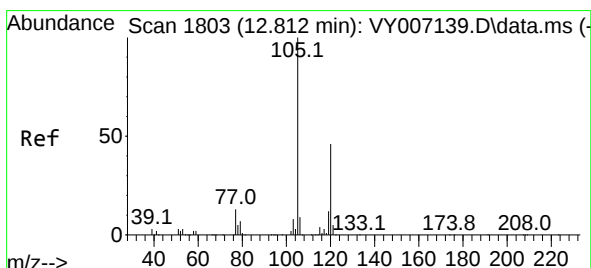
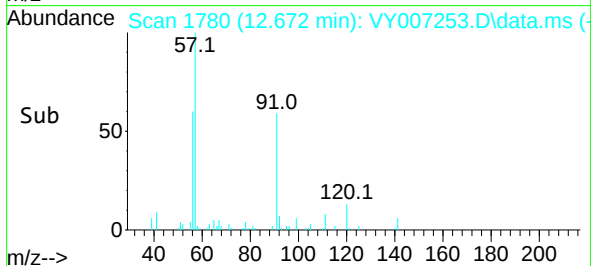
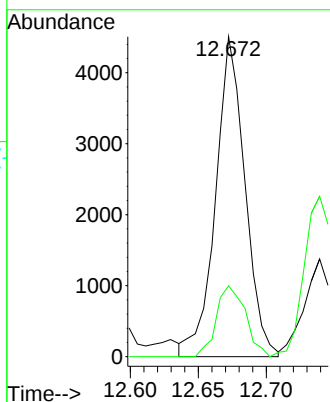
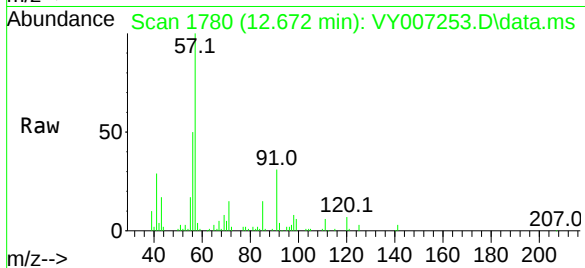
Tgt Ion: 91 Resp: 6779
 Ion Ratio Lower Upper
 91 100
 120 0.0 11.2 33.5

Manual Integrations

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Reviewed By :John Carlone 01/31/2022

Supervised By :Mahesh Dadoda 01/31/2022



#80

1,3,5-Trimethylbenzene

Concen: 4.361 ug/l

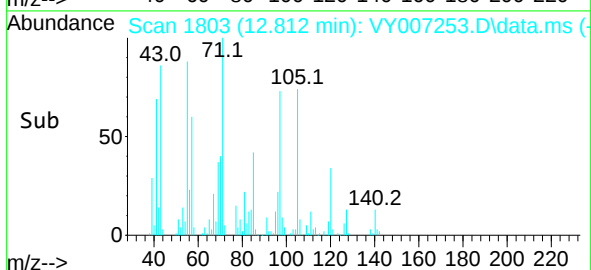
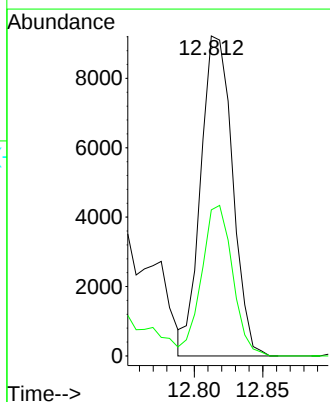
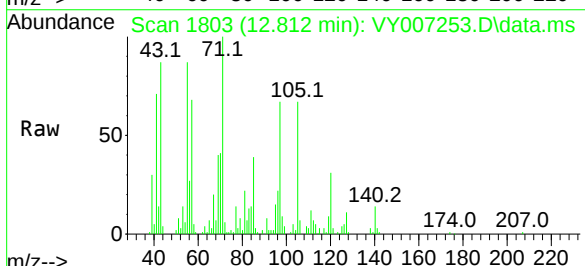
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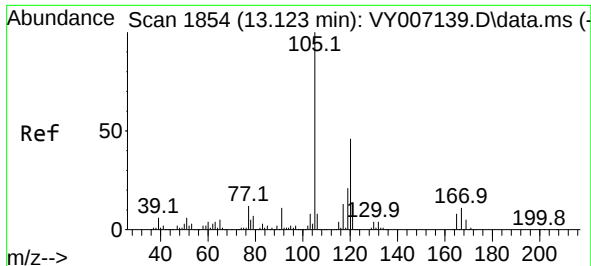
Delta R.T. 0.000 min

Lab File: VY007253.D

Acq: 21 Jan 2022 15:00

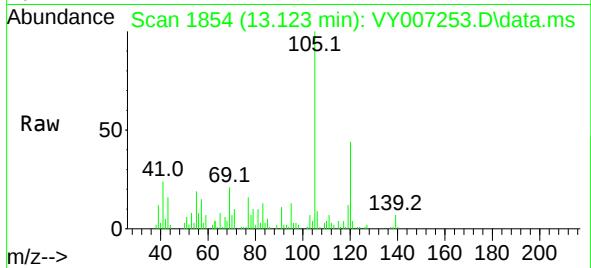
Tgt Ion:105 Resp: 14885
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.7 71.1





#84
1,2,4-Trimethylbenzene
Concen: 3.540 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

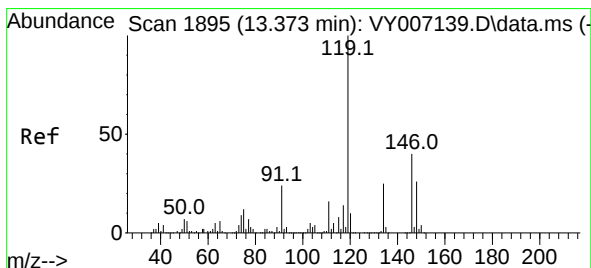
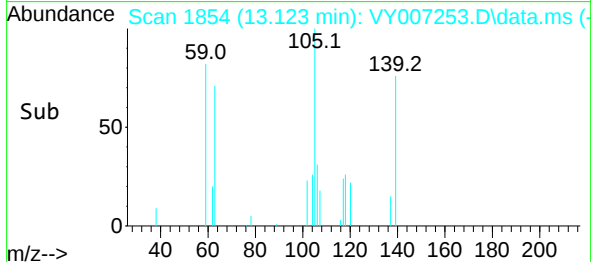
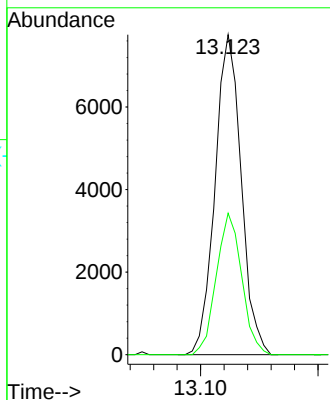
Instrument : MSVOA_Y
ClientSampleId : EAST-BOILER-PIT-WASTE-CLASS



Tgt Ion:105 Resp: 11978
Ion Ratio Lower Upper
105 100
120 42.9 21.6 64.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#86
p-Isopropyltoluene
Concen: 4.117 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY007253.D
Acq: 21 Jan 2022 15:00

Tgt Ion:119 Resp: 14930
Ion Ratio Lower Upper
119 100
134 26.3 12.9 38.7
91 27.2 12.4 37.2

