

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015012.D
 Acq On : 09 Aug 2023 17:53
 Operator : SY/MD
 Sample : 03943-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP21A

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:49:06 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	133353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	199853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73018	45.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.360%		
35) Dibromofluoromethane	7.710	113	68918	48.692	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.380%		
50) Toluene-d8	10.179	98	259204	48.114	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.220%		
62) 4-Bromofluorobenzene	12.477	95	95484	50.009	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.020%		
Target Compounds						
16) Acetone	3.942	43	7453	14.788	ug/l	96
40) Benzene	8.155	78	12879	2.489	ug/l #	82
67) Ethyl Benzene	11.587	91	164540	24.723	ug/l	99
68) m/p-Xylenes	11.697	106	43754	17.186	ug/l	100
69) o-Xylene	12.026	106	25099	10.075	ug/l	96
73) Isopropylbenzene	12.325	105	18788	2.893	ug/l	98
78) n-propylbenzene	12.666	91	12649	1.628	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	28857	5.392	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	109663	20.453	ug/l	98
86) p-Isopropyltoluene	13.367	119	8792m	1.478	ug/l	

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

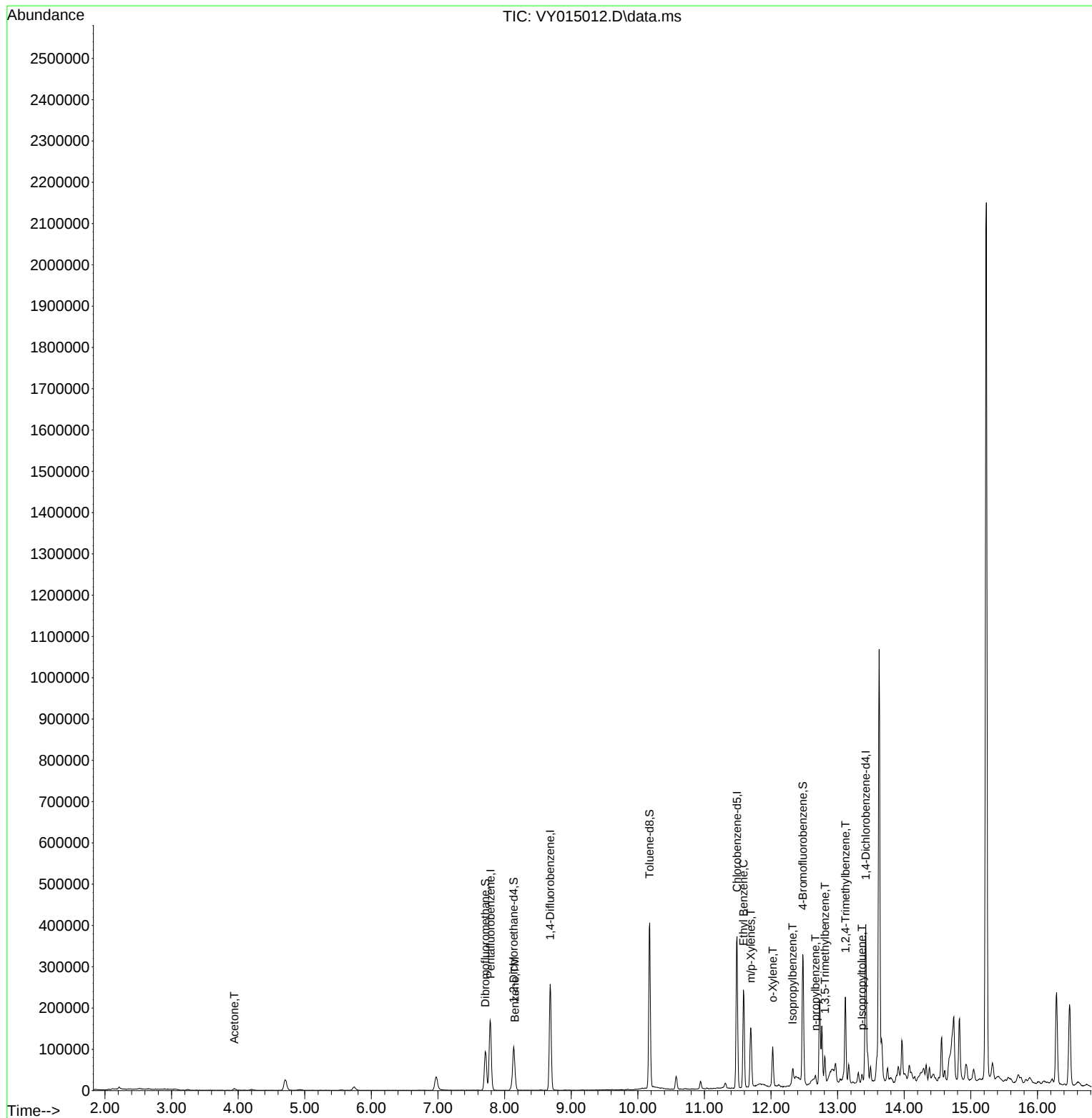
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015012.D
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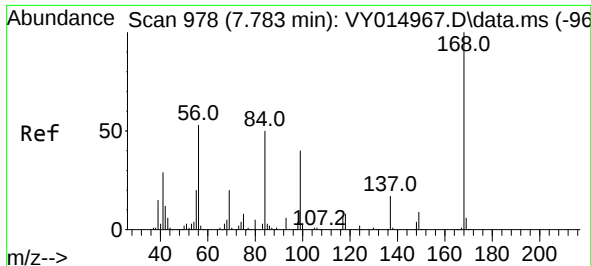
Instrument :
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B-PP21A

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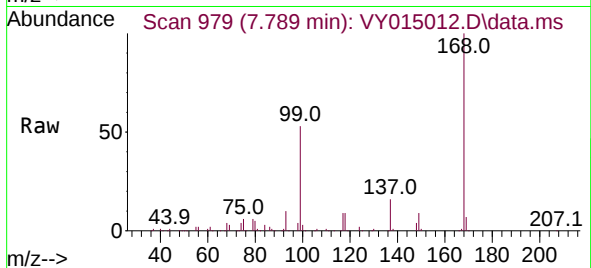
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53

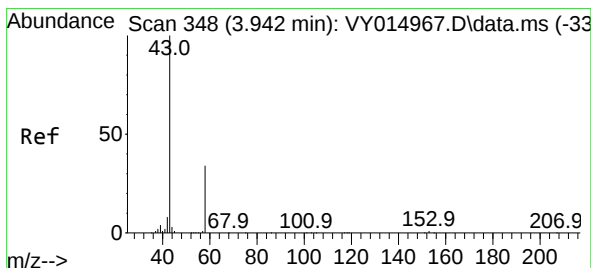
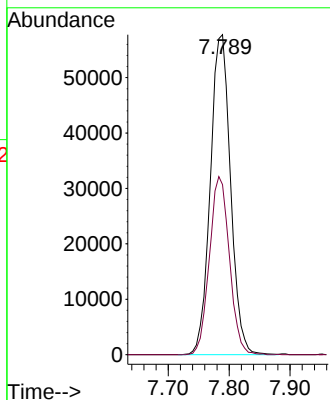
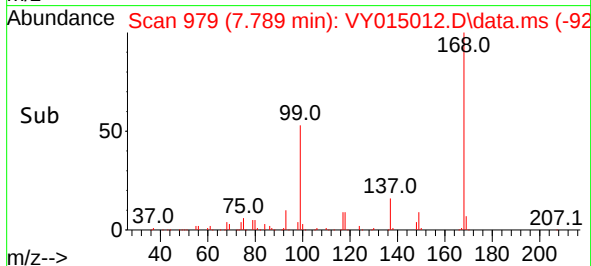
Instrument :
MSVOA_Y
ClientSampleId :
B-PP21A



Tgt Ion:168 Resp: 13335
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0

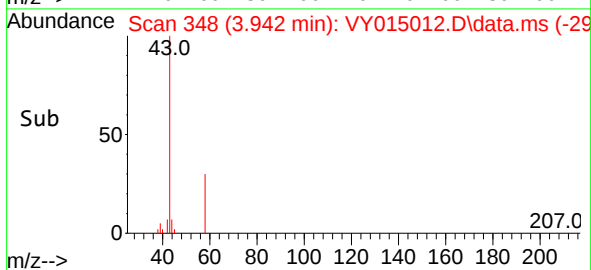
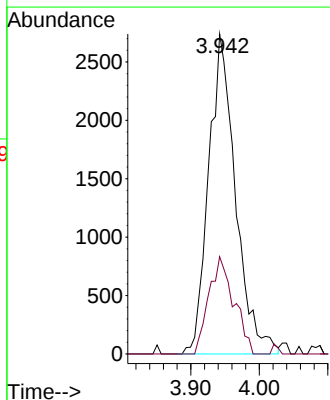
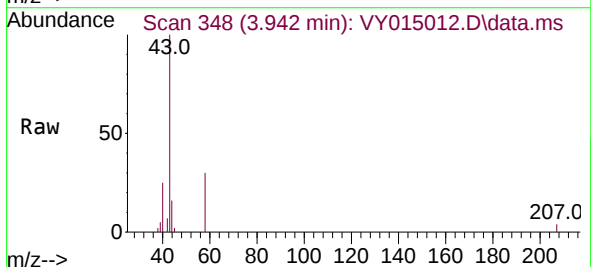
Manual Integrations
APPROVED

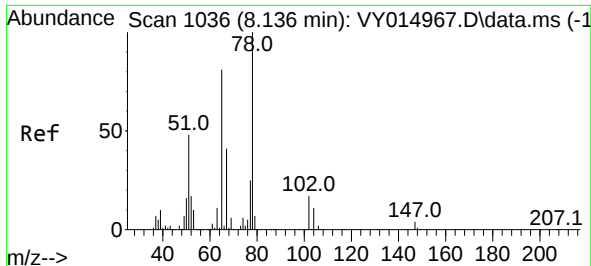
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#16
Acetone
Concen: 14.788 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53

Tgt Ion: 43 Resp: 7453
Ion Ratio Lower Upper
43 100
58 30.4 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 45.177 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015012.D

Acq: 09 Aug 2023 17:53

Instrument :

MSVOA_Y

ClientSampleId :

B-PP21A

Tgt Ion: 65 Resp: 73018

Ion Ratio Lower Upper

65 100

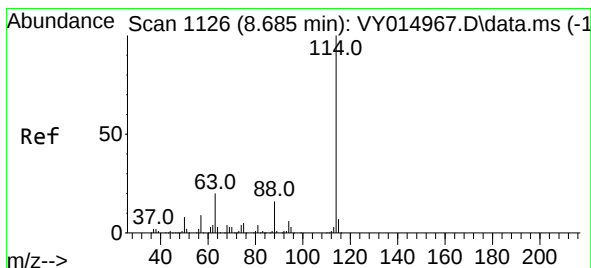
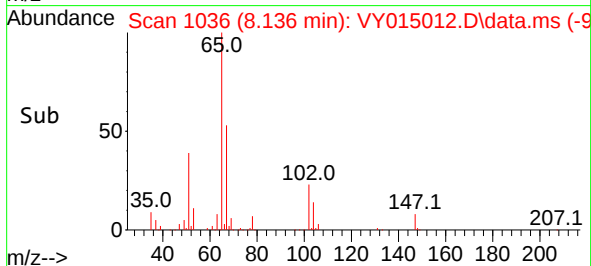
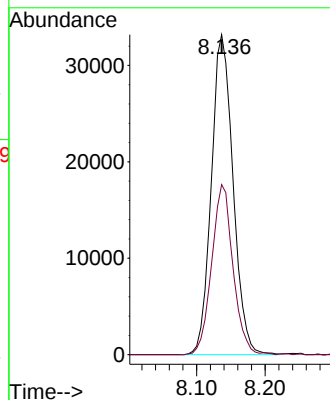
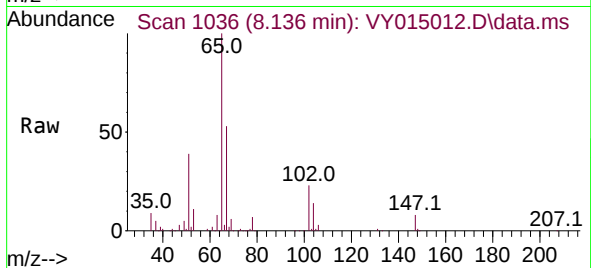
67 52.2 0.0 101.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015012.D

Acq: 09 Aug 2023 17:53

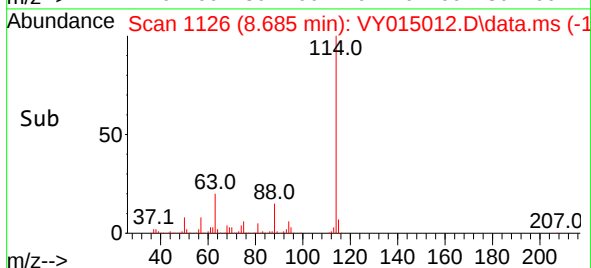
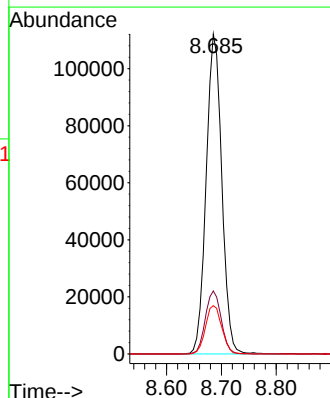
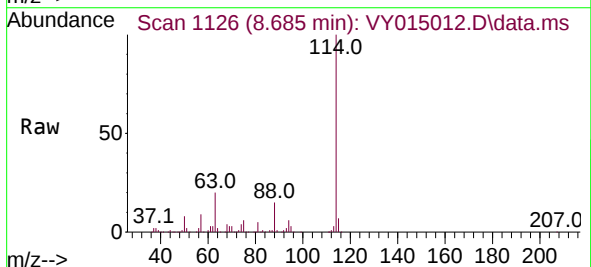
Tgt Ion:114 Resp: 221332

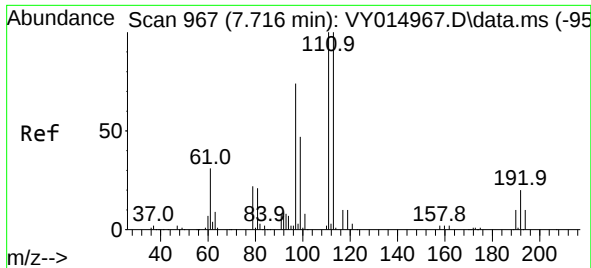
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

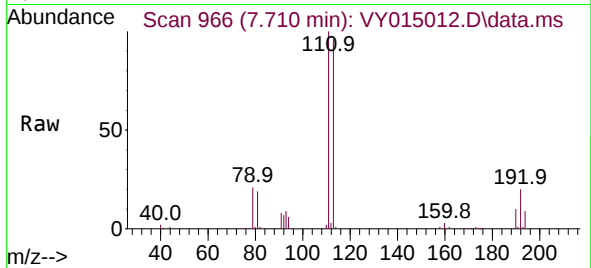
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.692 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53

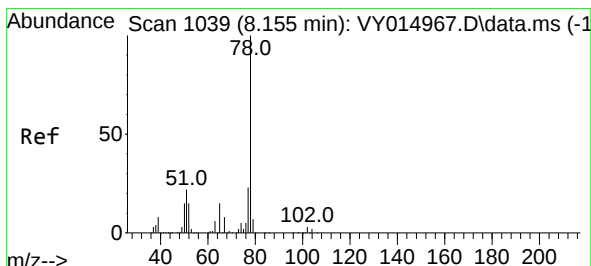
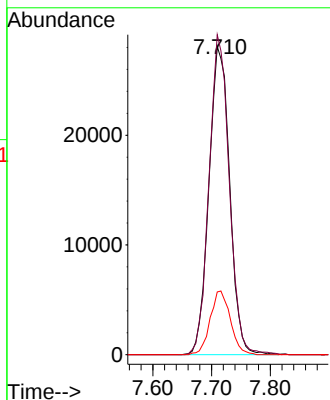
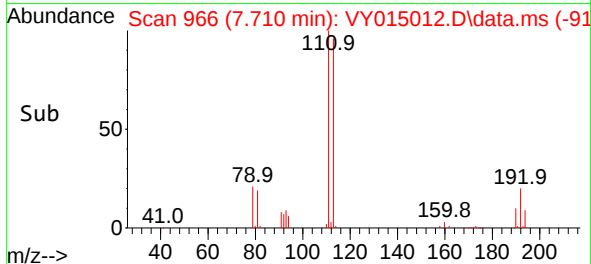
Instrument :
MSVOA_Y
ClientSampleId :
B-PP21A



Tgt Ion:113 Resp: 68918
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 20.1 16.9 25.3

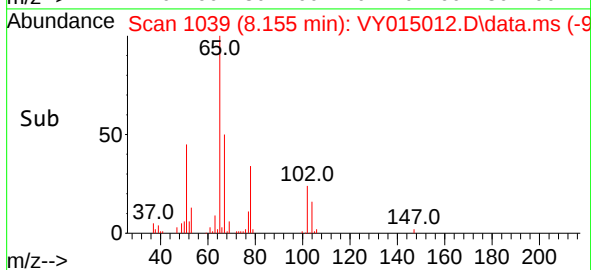
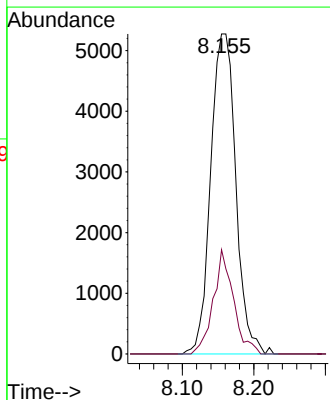
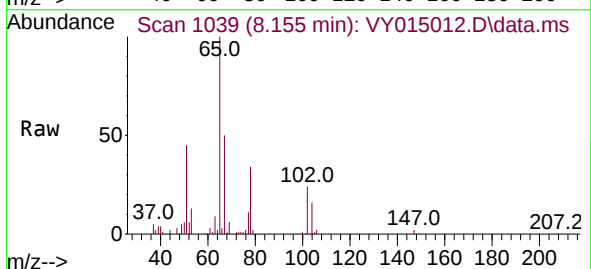
Manual Integrations
APPROVED

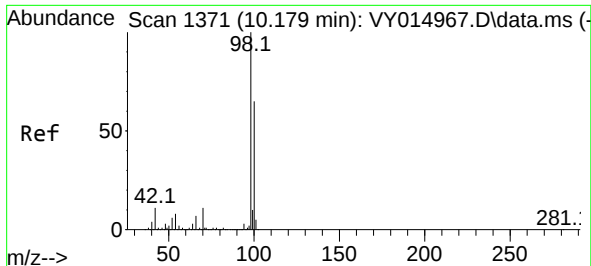
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#40
Benzene
Concen: 2.489 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53

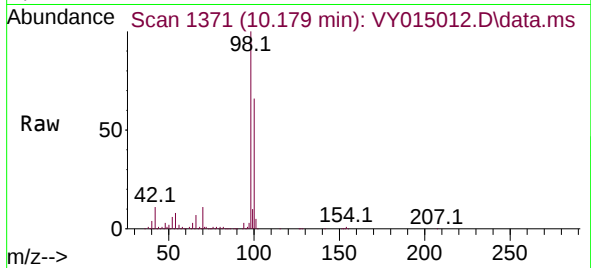
Tgt Ion: 78 Resp: 12879
Ion Ratio Lower Upper
78 100
77 32.6 19.0 28.6#





#50
Toluene-d8
Concen: 48.114 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53

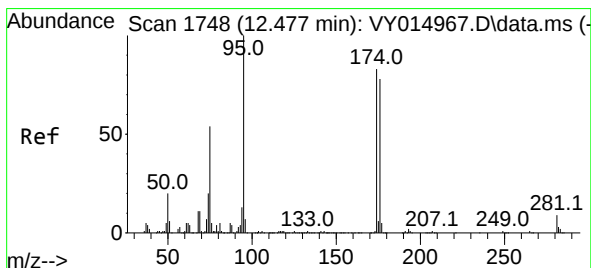
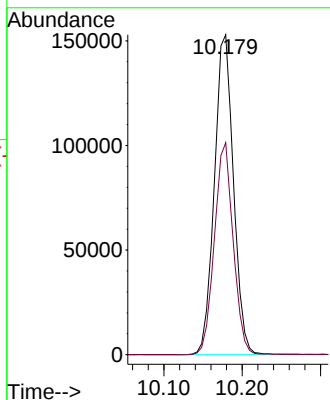
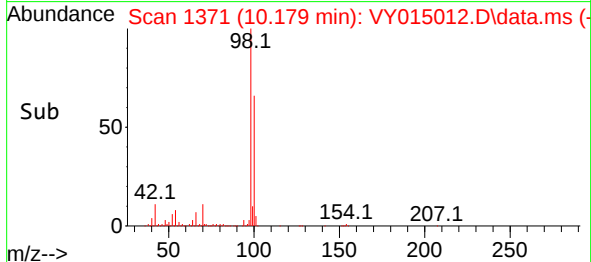
Instrument :
MSVOA_Y
ClientSampleId :
B-PP21A



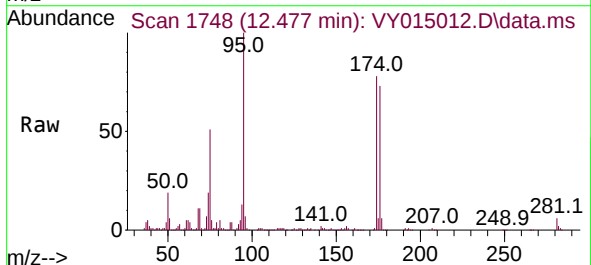
Tgt Ion: 98 Resp: 259204
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

Manual Integrations
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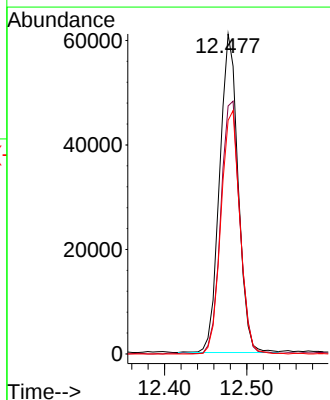
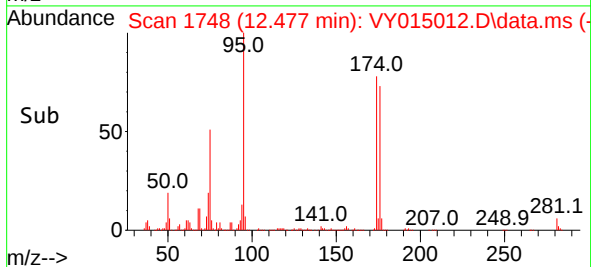
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

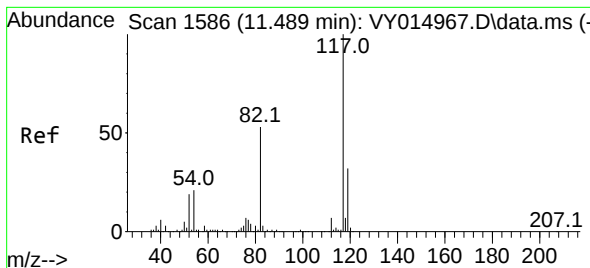


#62
4-Bromofluorobenzene
Concen: 50.009 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53



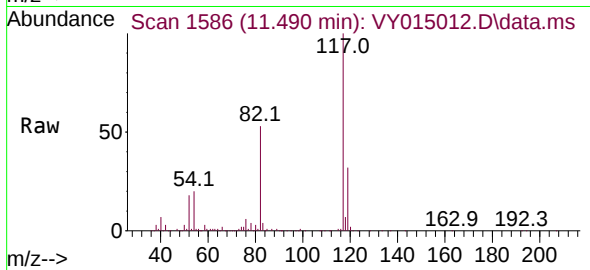
Tgt Ion: 95 Resp: 95484
Ion Ratio Lower Upper
95 100
174 81.0 0.0 178.2
176 78.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53

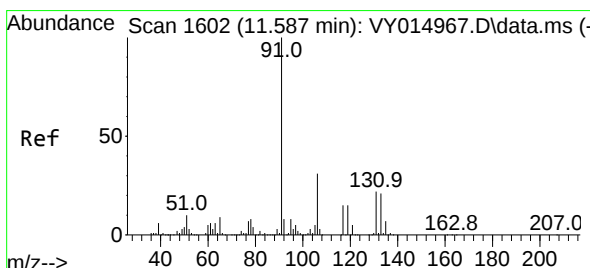
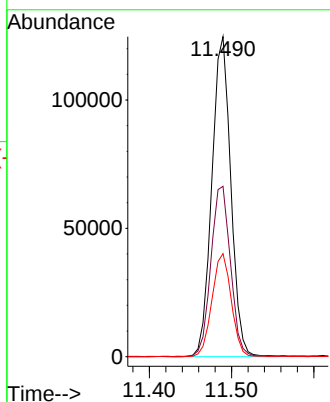
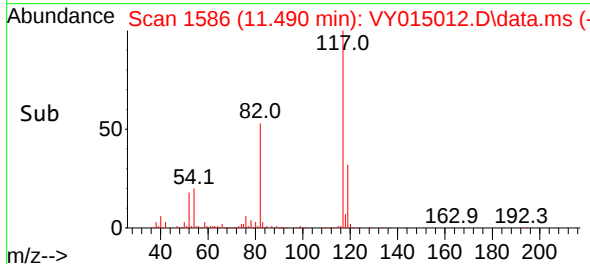
Instrument :
MSVOA_Y
ClientSampleId :
B-PP21A



Tgt Ion:117 Resp: 19985
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.2 26.3 39.5

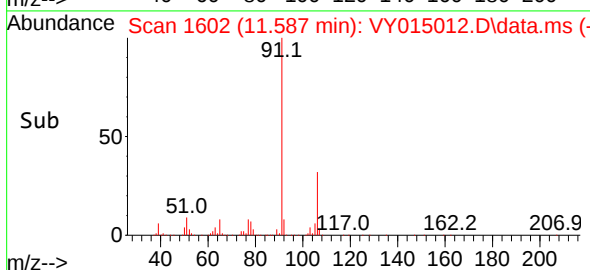
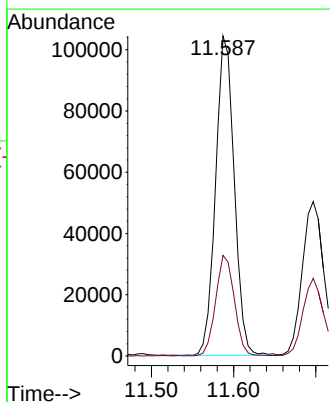
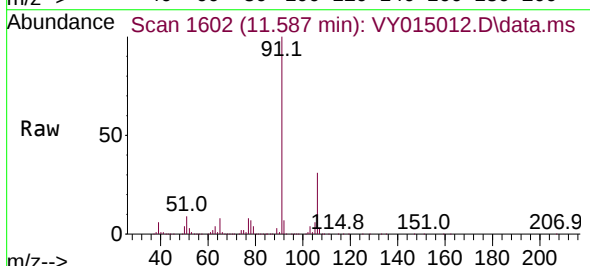
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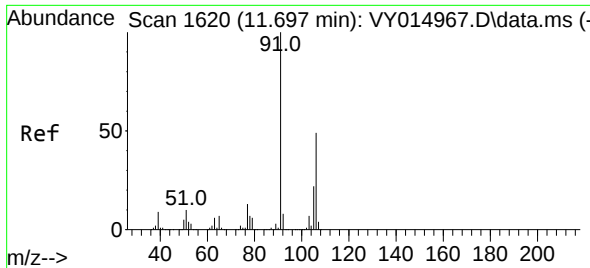
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#67
Ethyl Benzene
Concen: 24.723 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53

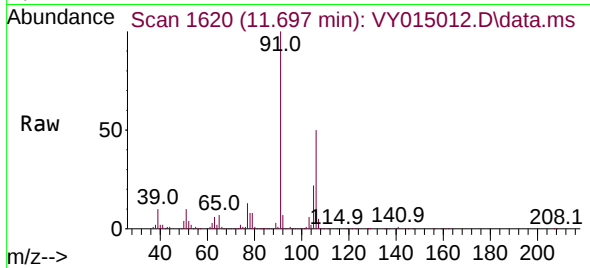
Tgt Ion: 91 Resp: 164540
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8





#68
m/p-Xylenes
Concen: 17.186 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53

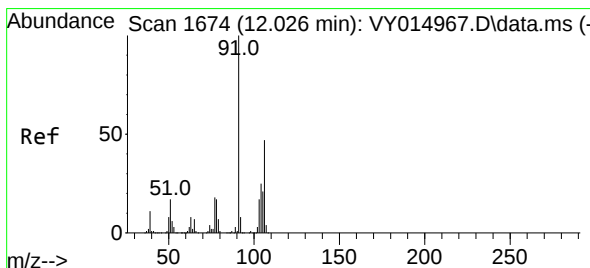
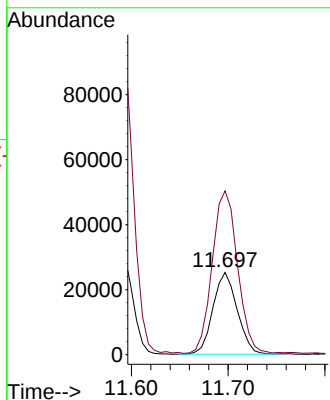
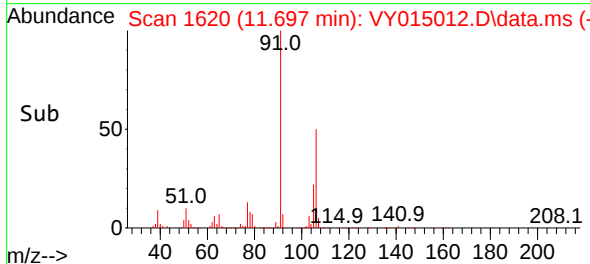
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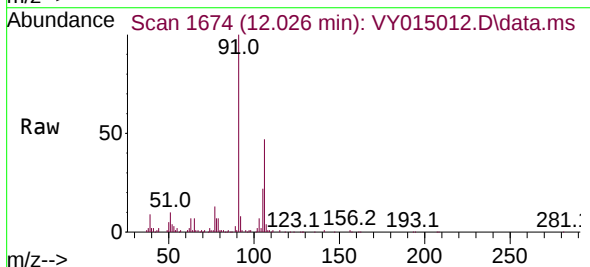
Tgt Ion:106 Resp: 43754
Ion Ratio Lower Upper
106 100
91 207.1 166.1 249.1

Manual Integrations
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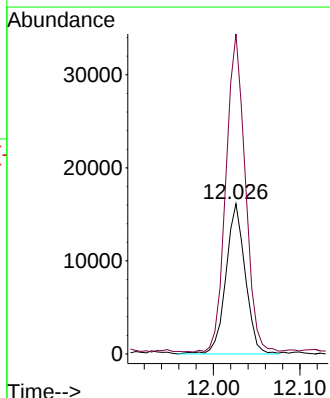
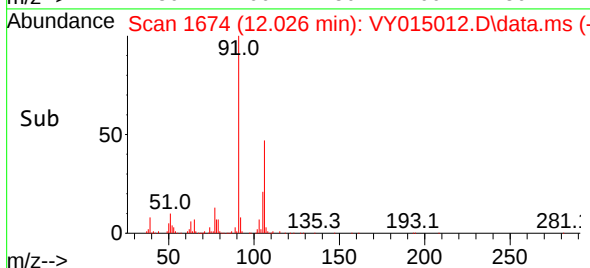
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

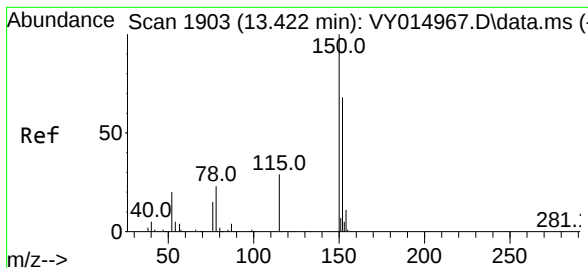


#69
o-Xylene
Concen: 10.075 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53



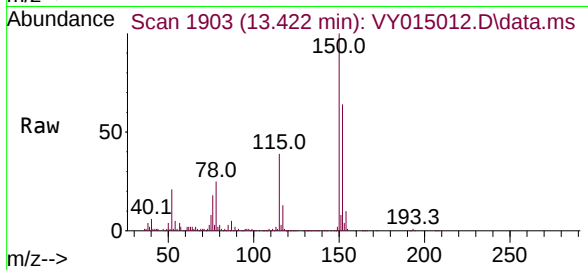
Tgt Ion:106 Resp: 25099
Ion Ratio Lower Upper
106 100
91 210.3 108.1 324.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53

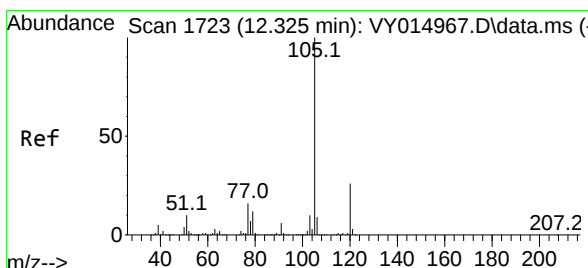
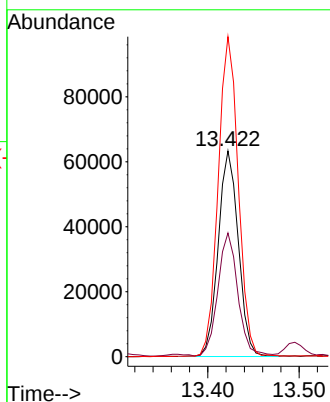
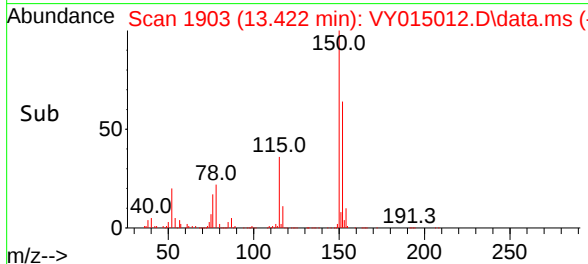
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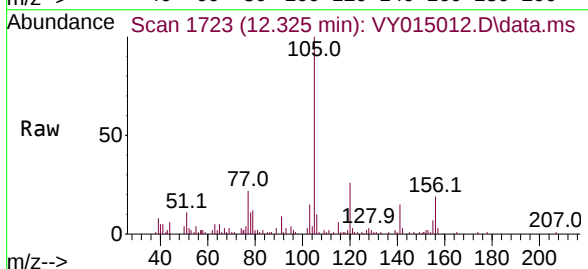
Tgt Ion:152 Resp: 96608
Ion Ratio Lower Upper
152 100
115 59.5 28.8 86.5
150 156.4 0.0 348.8

Manual Integrations
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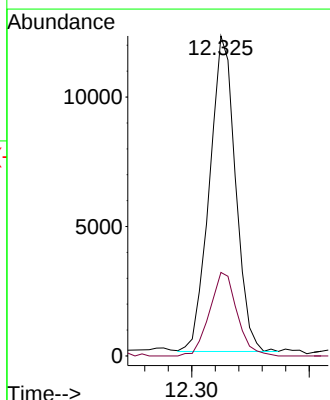
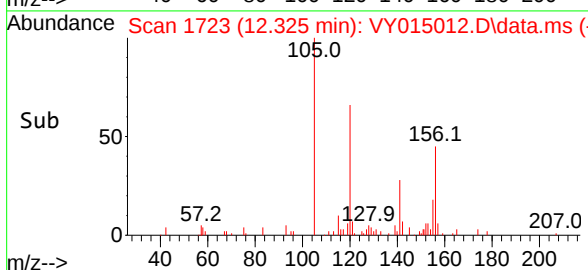
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

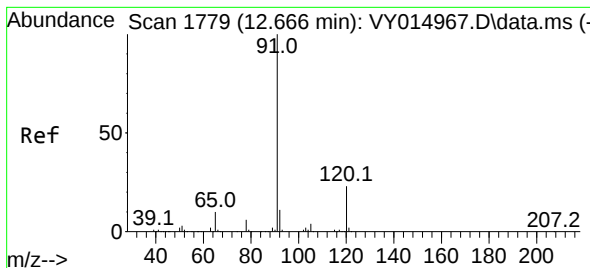


#73
Isopropylbenzene
Concen: 2.893 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53



Tgt Ion:105 Resp: 18788
Ion Ratio Lower Upper
105 100
120 27.9 13.3 39.9





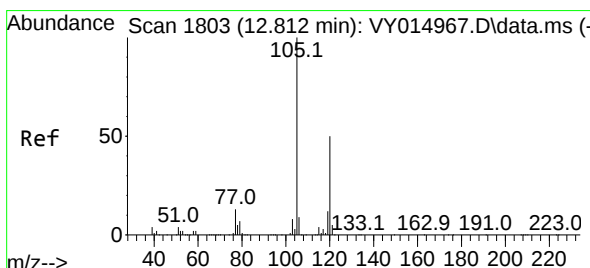
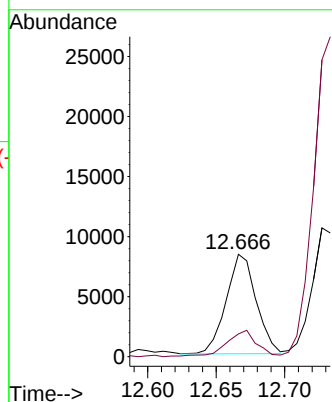
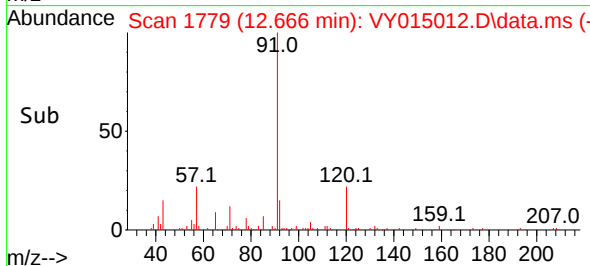
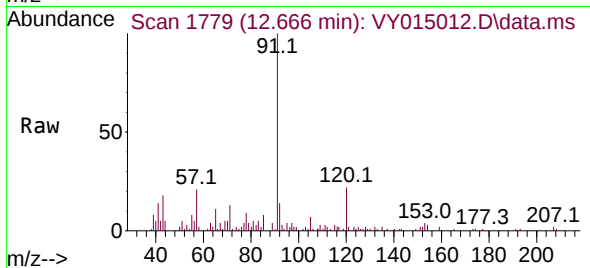
#78
n-propylbenzene
Concen: 1.628 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21A

Tgt Ion: 91 Resp: 12649
Ion Ratio Lower Upper
91 100
120 26.9 11.5 34.4

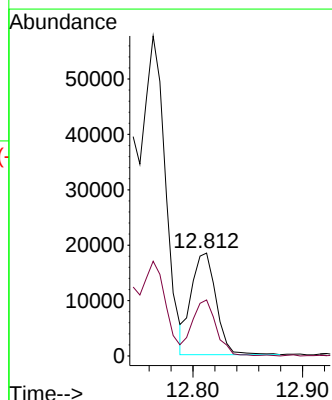
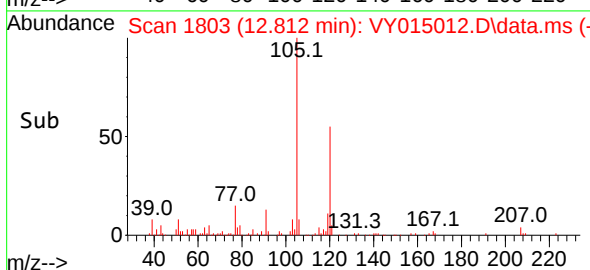
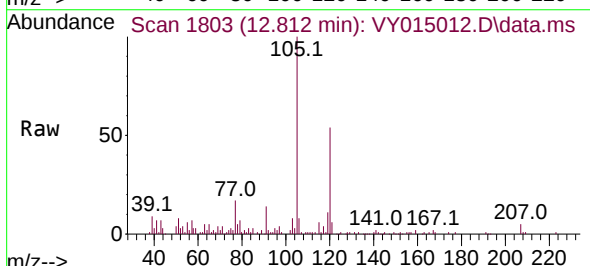
Manual Integrations
APPROVED

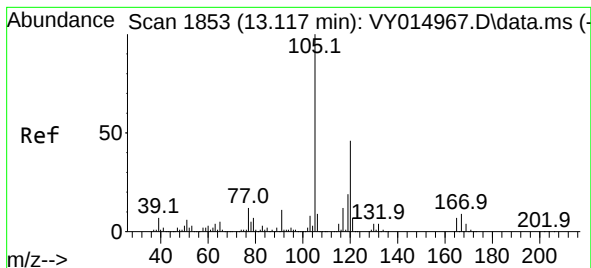
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.392 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015012.D
Acq: 09 Aug 2023 17:53

Tgt Ion:105 Resp: 28857
Ion Ratio Lower Upper
105 100
120 52.9 23.9 71.7





#84

1,2,4-Trimethylbenzene

Concen: 20.453 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015012.D

Acq: 09 Aug 2023 17:53

Instrument :

MSVOA_Y

ClientSampleId :

B-PP21A

Tgt Ion:105 Resp: 10966

Ion Ratio Lower Upper

105 100

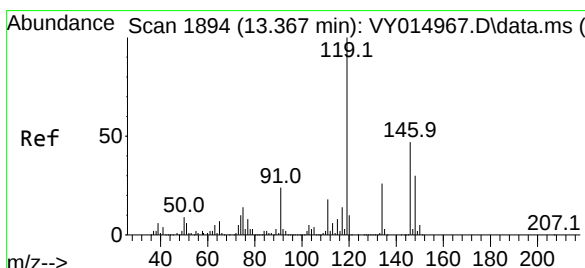
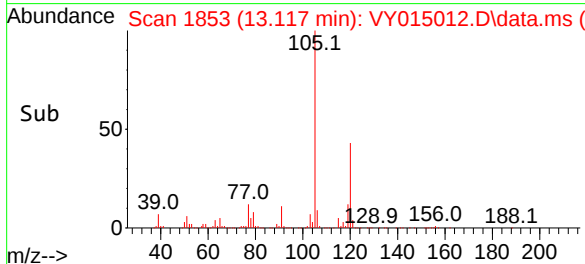
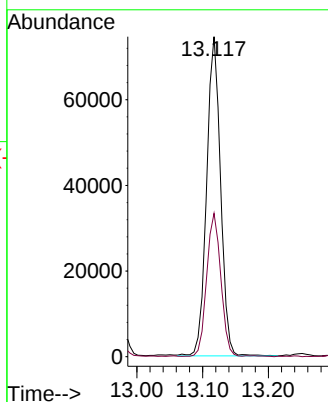
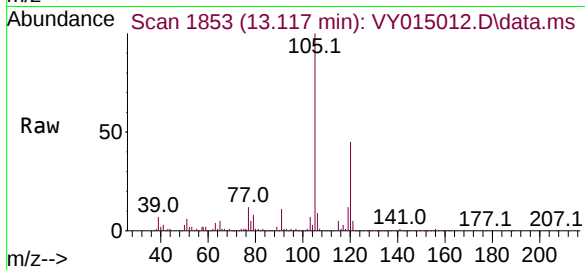
120 45.4 22.2 66.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#86

p-Isopropyltoluene

Concen: 1.478 ug/l m

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015012.D

Acq: 09 Aug 2023 17:53

Tgt Ion:119 Resp: 8792

Ion Ratio Lower Upper

119 100

134 0.0 13.3 39.8#

91 0.0 12.4 37.4#

