

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015026.D
 Acq On : 10 Aug 2023 14:41
 Operator : SY/MD
 Sample : 03952-01
 Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-080923

Manual Integrations
 APPROVED

Reviewed By : Romaben Patel 08/11/2023
 Supervised By : Mahesh Dadoda 08/11/2023

Quant Time: Aug 11 01:56:10 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	288184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	492725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	472086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	238272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	180676	51.727	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.460%			
35) Dibromofluoromethane	7.710	113	159054	50.479	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.960%			
50) Toluene-d8	10.179	98	585009	48.779	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.560%			
62) 4-Bromofluorobenzene	12.477	95	232109	54.607	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.220%			
Target Compounds					Qvalue	
40) Benzene	8.155	78	84824	7.364	ug/l	99
67) Ethyl Benzene	11.587	91	807177	51.344	ug/l	98
68) m/p-Xylenes	11.697	106	221447	36.822	ug/l	95
69) o-Xylene	12.026	106	105175	17.872	ug/l	98
73) Isopropylbenzene	12.325	105	78839	4.922	ug/l	99
78) n-propylbenzene	12.666	91	55790	2.912	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	148903	11.281	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	549647	41.564	ug/l	99
86) p-Isopropyltoluene	13.367	119	49306m	3.361	ug/l	

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

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Abundance

TIC: VY015026.D\data.ms

Time-->

1,4-Difluorobenzene, I

Toluene-d8, S

Chlorobenzene-d5

m/p-Xylenes, T

o-Xylene, T

Isopropylbenzene, T

4-Bromofluorobenzene, S

p-propylbenzene, I

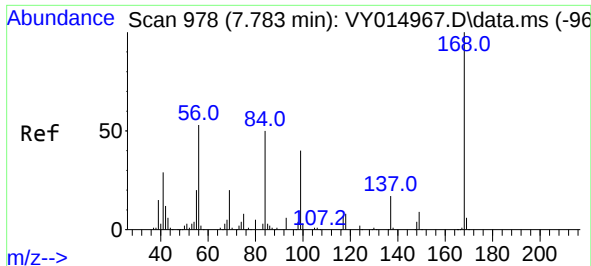
1,3,5-Trimethylbenzene, T

1,2,4-Trimethylbenzene, T

p-Isopropyltoluene, I

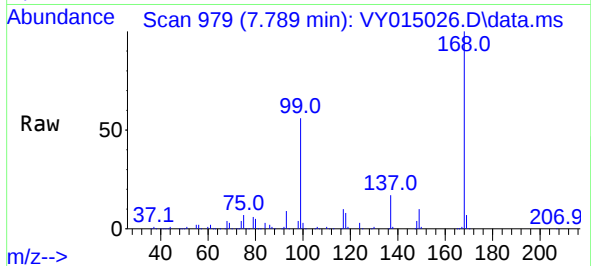
p-Tolubenzene-d4, I

1,2,4-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015026.D
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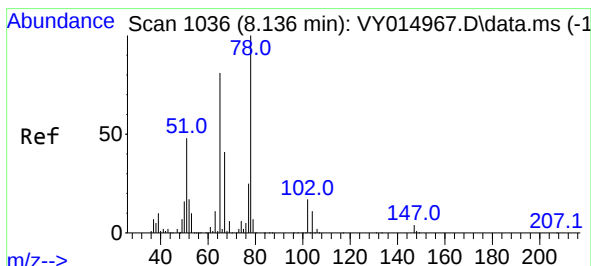
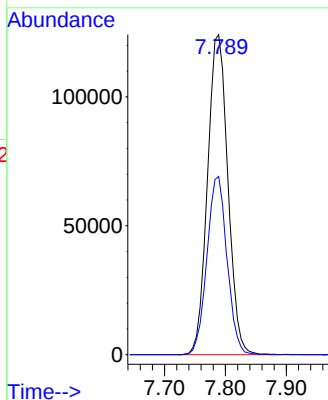
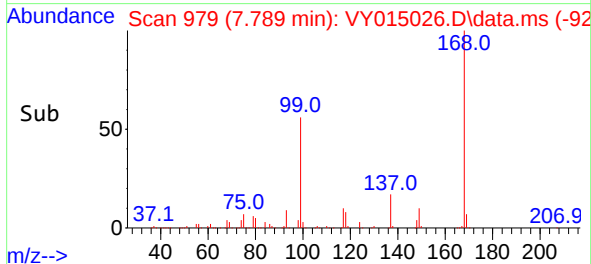
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-080923



Tgt Ion:168 Resp: 288184
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0

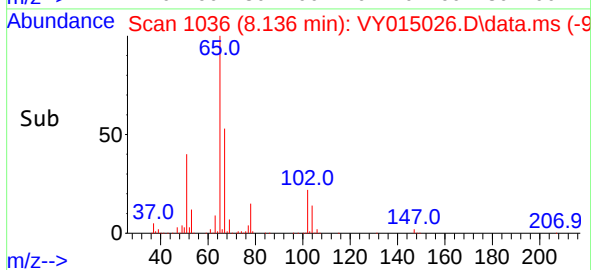
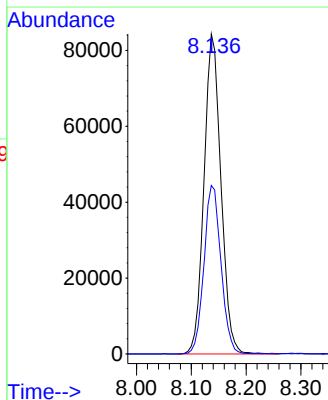
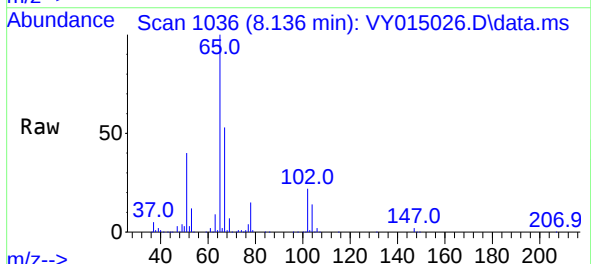
Manual Integrations
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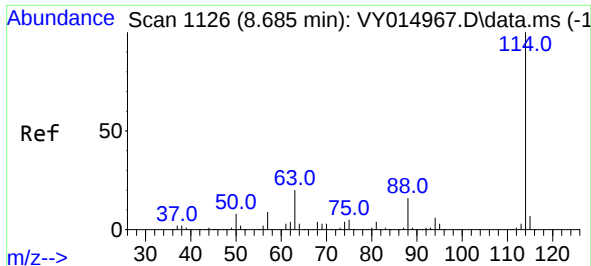
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#33
1,2-Dichloroethane-d4
Concen: 51.727 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

Tgt Ion: 65 Resp: 180676
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

Instrument :

MSVOA_Y

ClientSampleId :

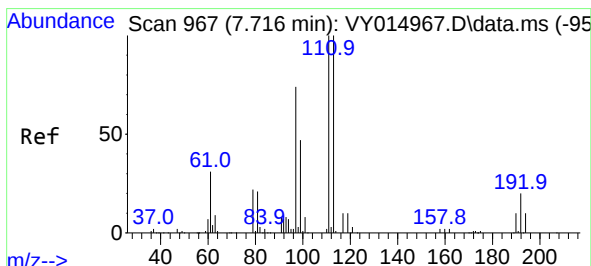
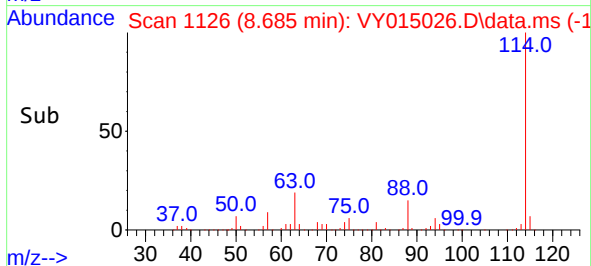
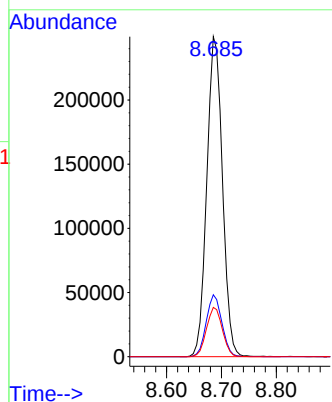
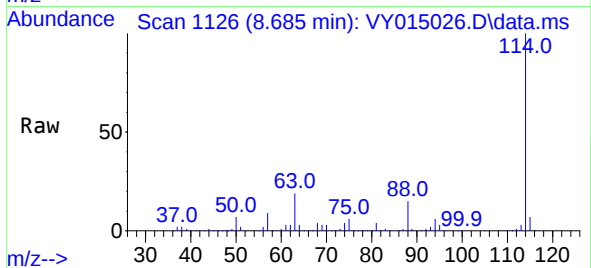
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Tgt Ion:114 Resp: 492725
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.4 0.0 30.6

Manual Integrations

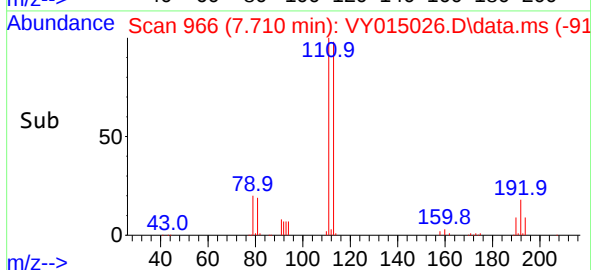
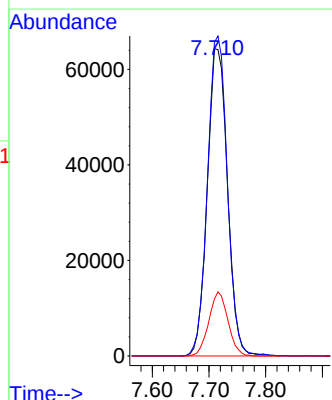
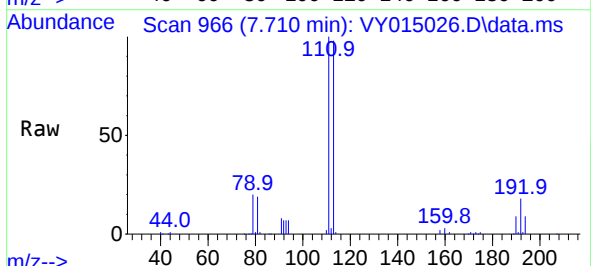
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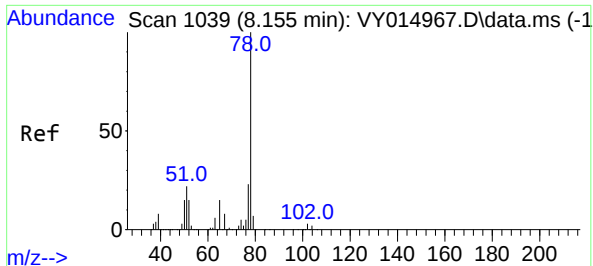
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#35
Dibromofluoromethane
Concen: 50.479 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

Tgt Ion:113 Resp: 159054
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.8 16.9 25.3





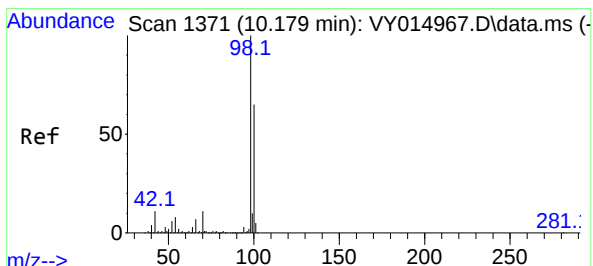
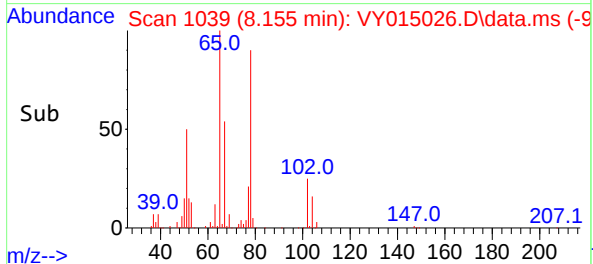
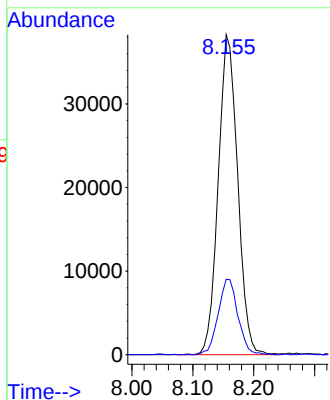
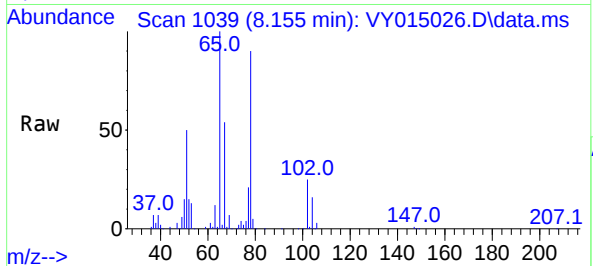
#40
Benzene
Concen: 7.364 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 78 Resp: 84824
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

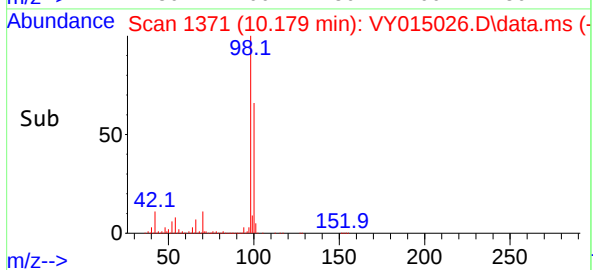
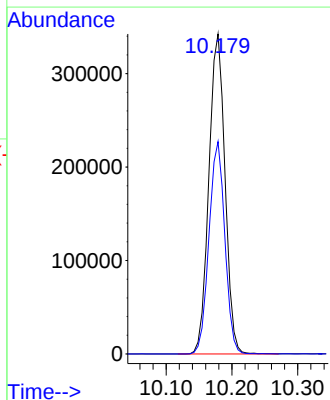
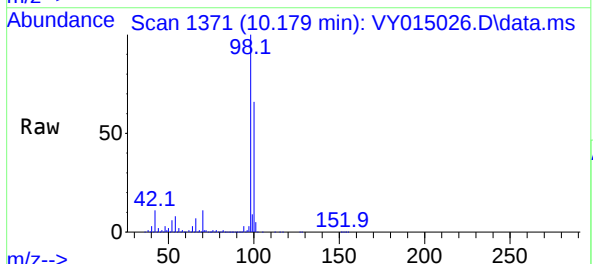
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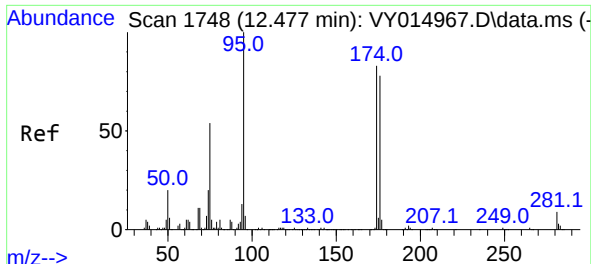
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#50
Toluene-d8
Concen: 48.779 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

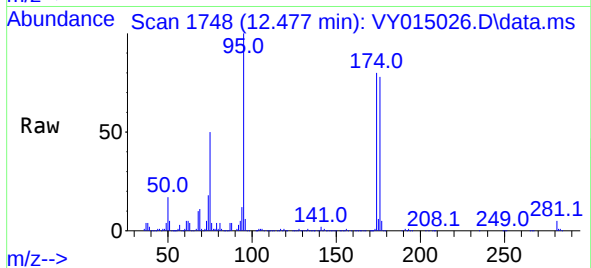
Tgt Ion: 98 Resp: 585009
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1





#62
4-Bromofluorobenzene
Concen: 54.607 ug/l
RT: 12.477 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

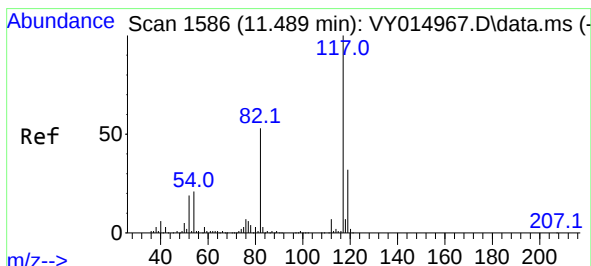
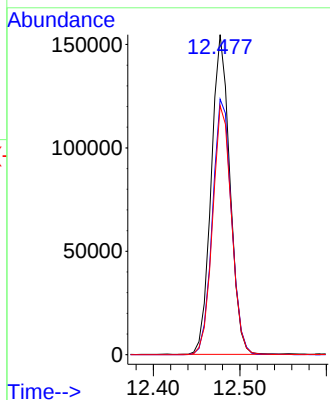
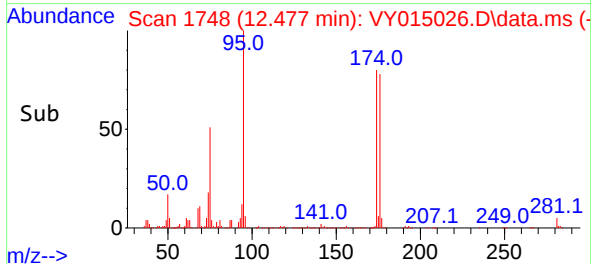
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-080923



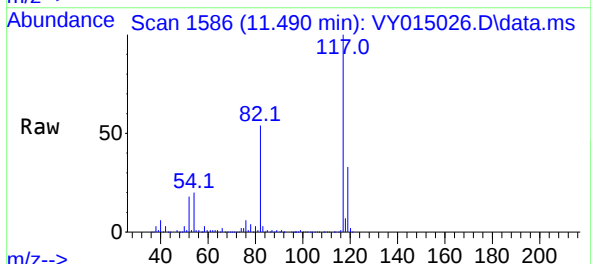
Tgt Ion: 95 Resp: 232109
Ion Ratio Lower Upper
95 100
174 81.2 0.0 178.2
176 78.4 0.0 173.8

Manual Integrations
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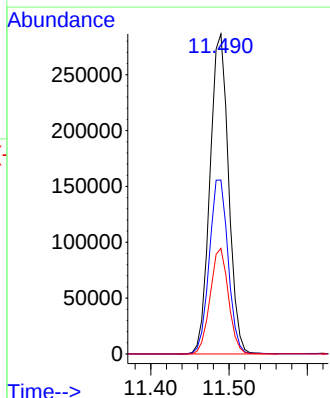
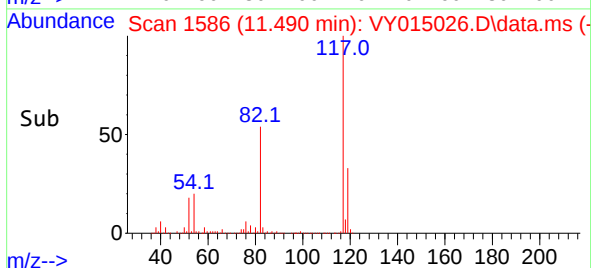
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

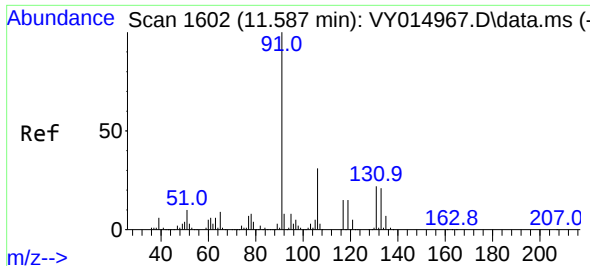


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41



Tgt Ion:117 Resp: 472086
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 33.0 26.3 39.5





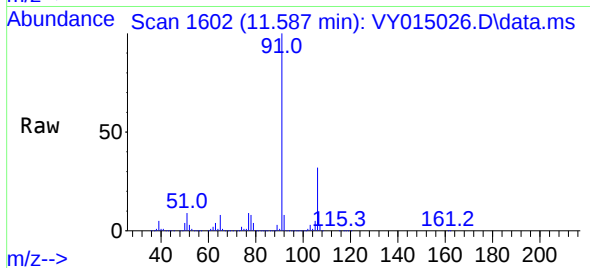
#67
Ethyl Benzene
Concen: 51.344 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

Instrument :

MSVOA_Y

ClientSampleId :

OK-1-080923

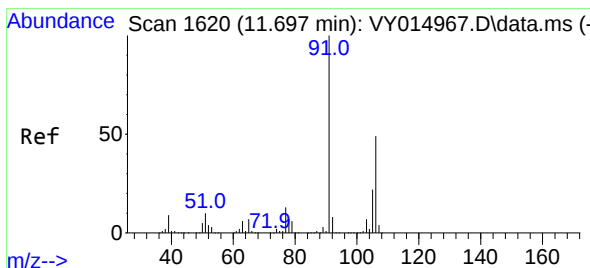
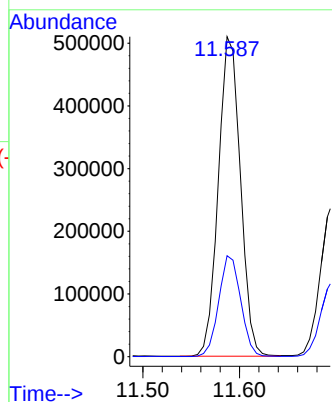


Tgt Ion: 91 Resp: 80717
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

Manual Integrations

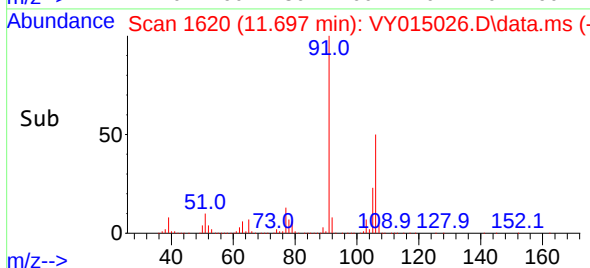
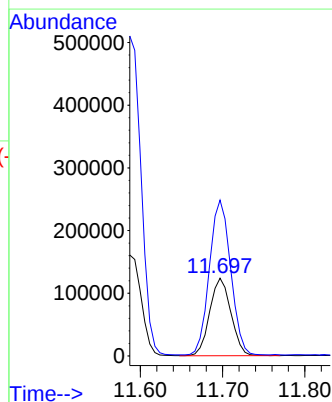
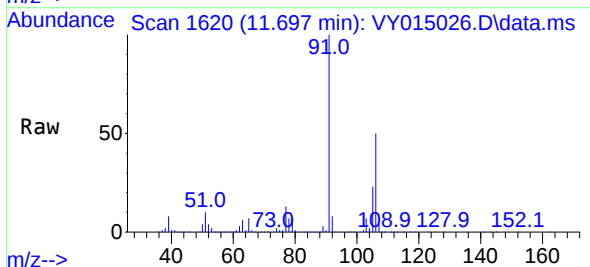
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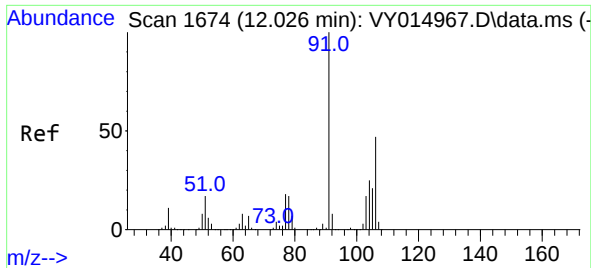
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#68
m/p-Xylenes
Concen: 36.822 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

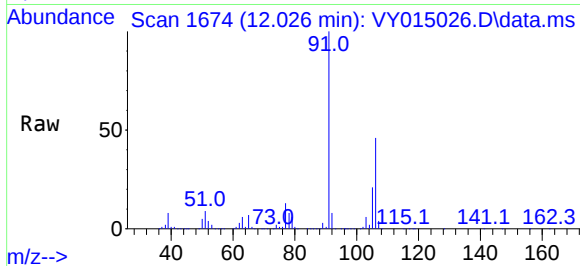
Tgt Ion:106 Resp: 221447
Ion Ratio Lower Upper
106 100
91 200.1 166.1 249.1





#69
o-Xylene
Concen: 17.872 ug/l
RT: 12.026 min Scan# 10517
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

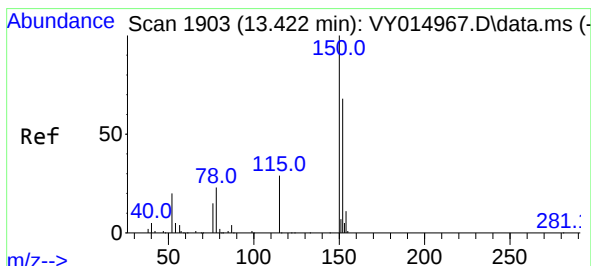
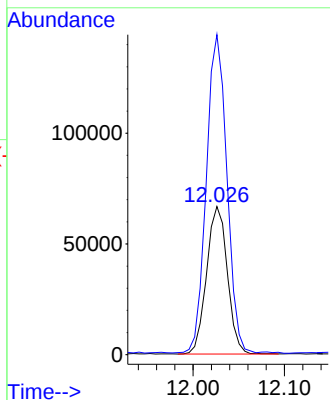
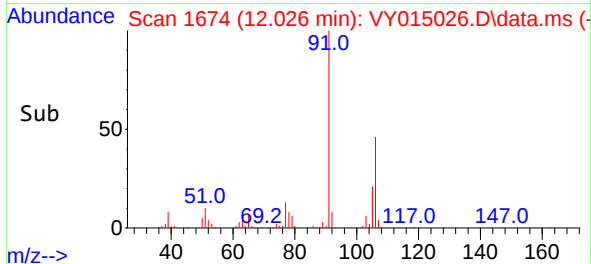
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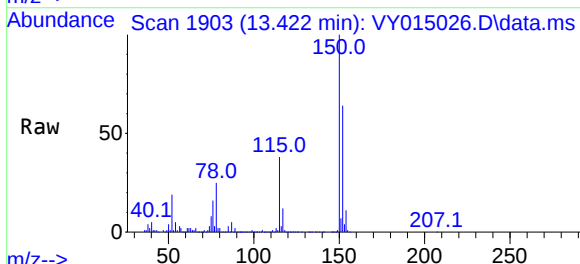
Tgt Ion:106 Resp: 10517
Ion Ratio Lower Upper
106 100
91 212.7 108.1 324.3

Manual Integrations
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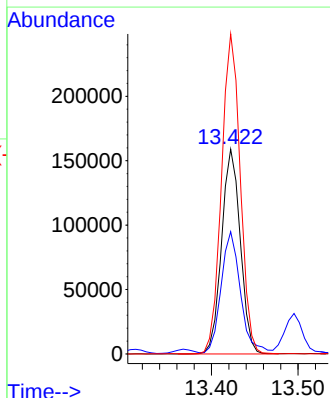
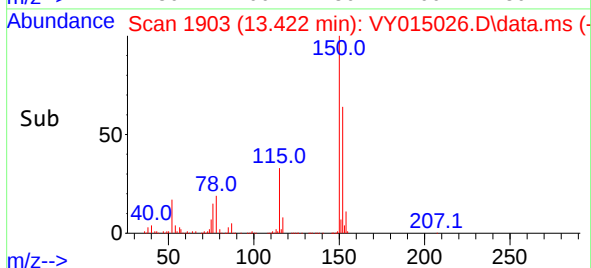
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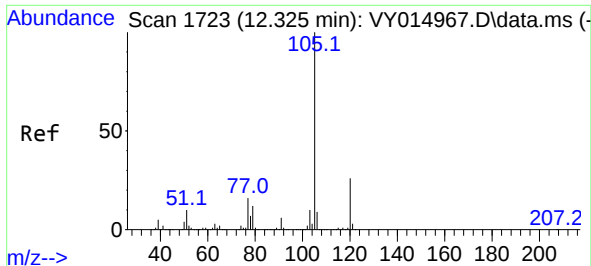


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41



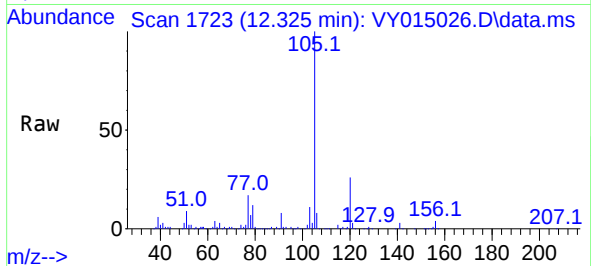
Tgt Ion:152 Resp: 238272
Ion Ratio Lower Upper
152 100
115 60.8 28.8 86.5
150 157.0 0.0 348.8





#73
Isopropylbenzene
Concen: 4.922 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

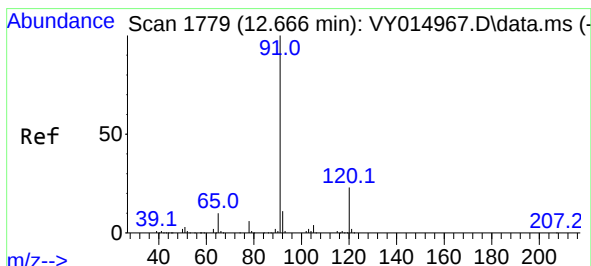
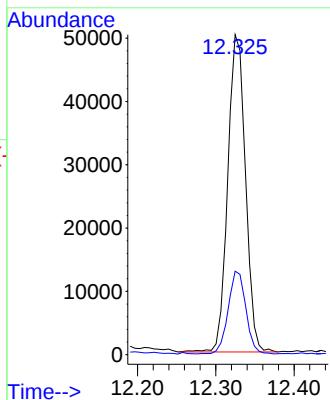
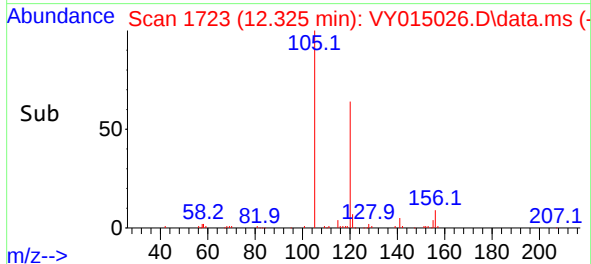
Instrument :
MSVOA_Y
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OK-1-080923



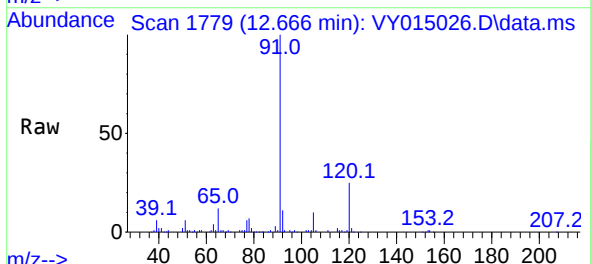
Tgt Ion:105 Resp: 78839
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9

Manual Integrations
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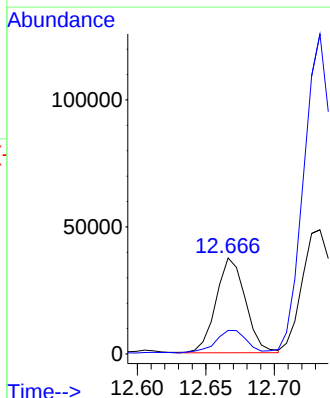
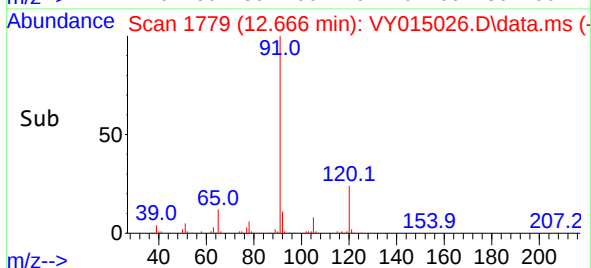
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

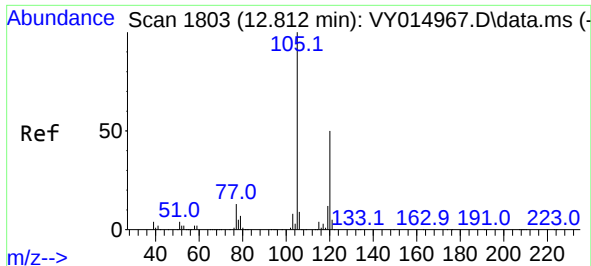


#78
n-propylbenzene
Concen: 2.912 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41



Tgt Ion: 91 Resp: 55790
Ion Ratio Lower Upper
91 100
120 25.0 11.5 34.4





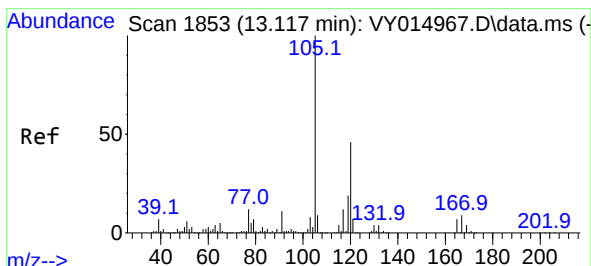
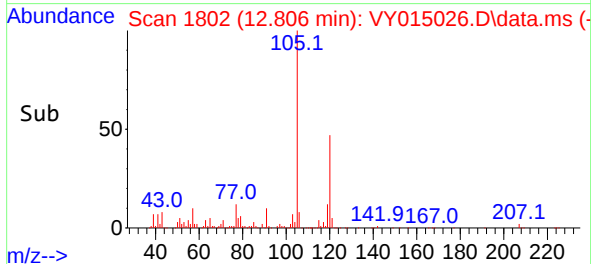
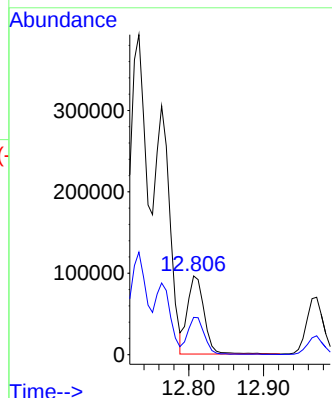
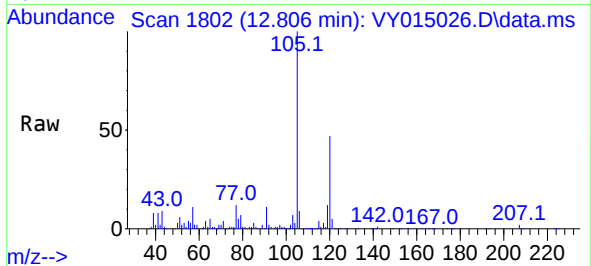
#80
1,3,5-Trimethylbenzene
Concen: 11.281 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-080923

Tgt Ion:105 Resp: 14890
Ion Ratio Lower Upper
105 100
120 46.5 23.9 71.7

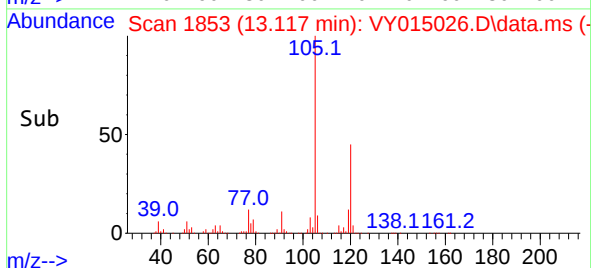
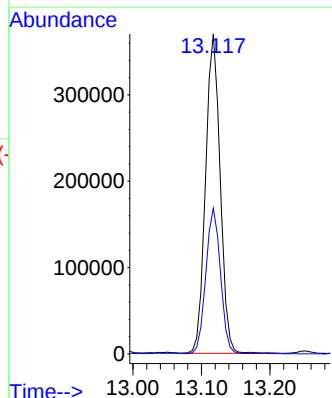
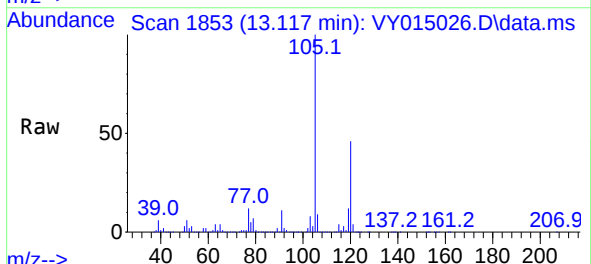
Manual Integrations
APPROVED

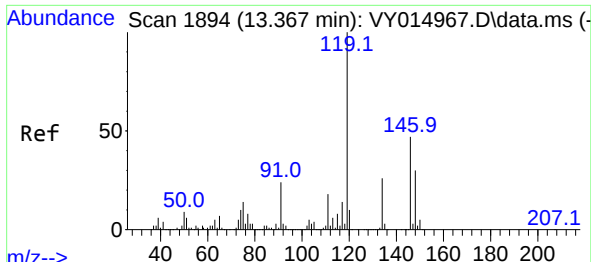
Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 41.564 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

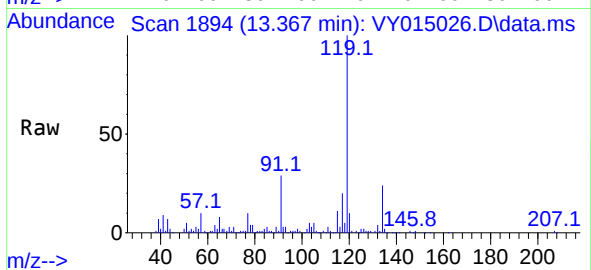
Tgt Ion:105 Resp: 549647
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6





#86
p-Isopropyltoluene
Concen: 3.361 ug/l m
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015026.D
Acq: 10 Aug 2023 14:41

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-080923



Tgt Ion:119 Resp: 49300
Ion Ratio Lower Upper
119 100
134 36.4 13.3 39.8
91 30.0 12.4 37.4

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

