

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010902.D
 Acq On : 10 Oct 2022 19:43
 Operator : KP/MD
 Sample : N5067-20
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-B-6-VERT

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 09:46:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	416224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	692217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	593874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	263830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	248677	58.943	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.880%			
35) Dibromofluoromethane	7.716	113	234404	51.013	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.020%			
50) Toluene-d8	10.179	98	851217	54.168	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.340%			
62) 4-Bromofluorobenzene	12.477	95	295298	47.948	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.900%			
Target Compounds					Qvalue	
16) Acetone	3.942	43	16682	15.569	ug/l #	89
40) Benzene	8.161	78	126002	6.594	ug/l	99
52) Toluene	10.240	92	204915	16.850	ug/l	95
67) Ethyl Benzene	11.593	91	1442899	65.193	ug/l	98
68) m/p-Xylenes	11.697	106	947836	109.426	ug/l	94
69) o-Xylene	12.026	106	376528	46.494	ug/l	94
73) Isopropylbenzene	12.331	105	139067	7.170	ug/l	100
78) n-propylbenzene	12.666	91	105541	4.468	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	278970	17.006	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	970686	60.185	ug/l	98
86) p-Isopropyltoluene	13.367	119	24737	1.401	ug/l #	74

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

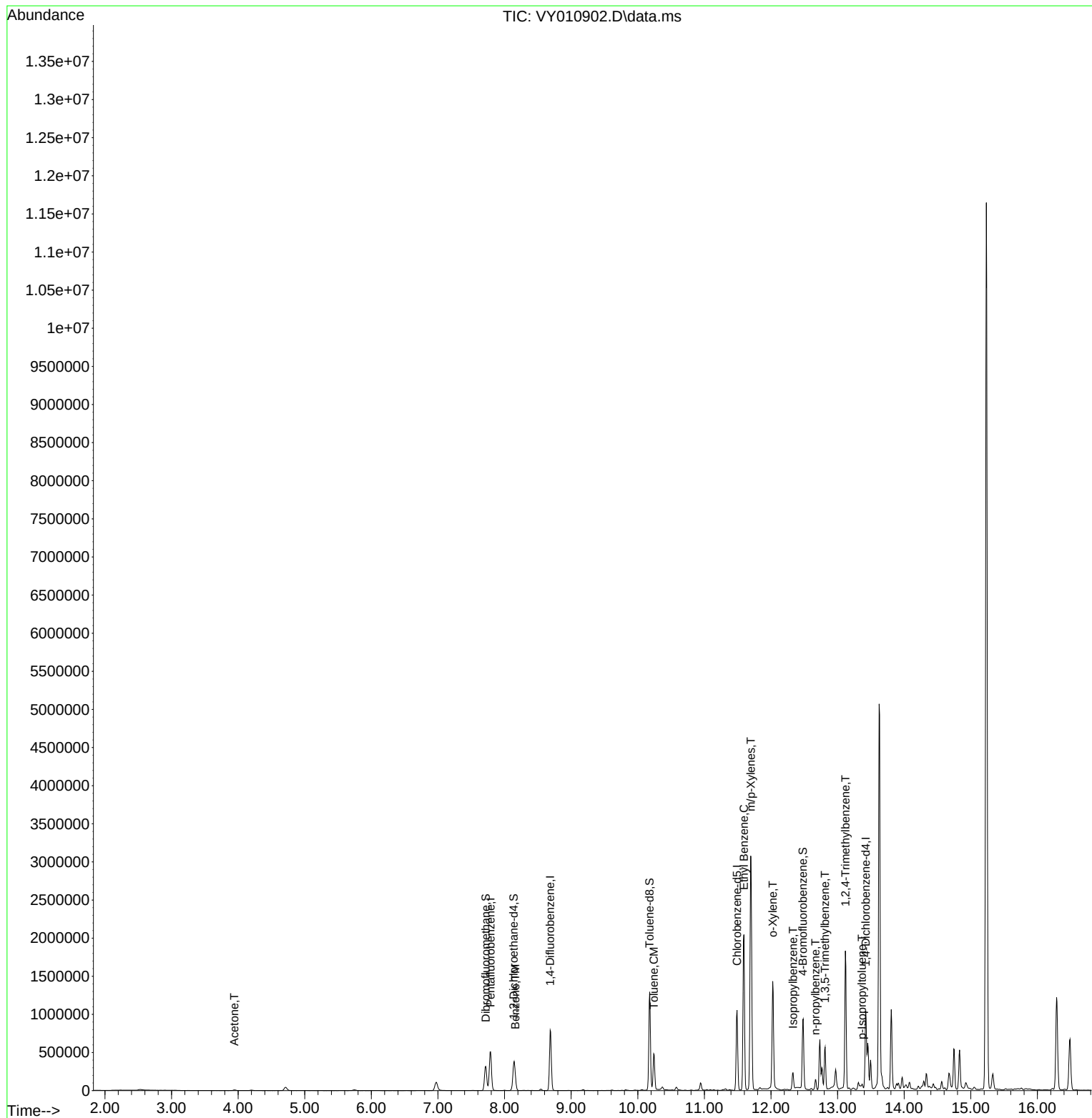
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010902.D
Acq On : 10 Oct 2022 19:43
Operator : KP/MD
Sample : N5067-20
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

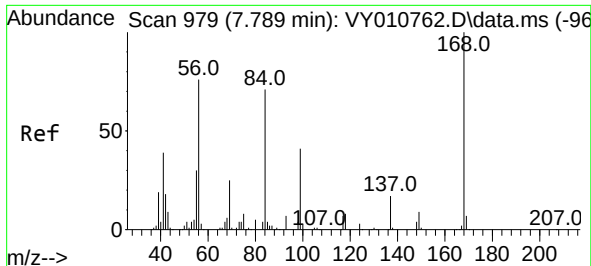
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT

Quant Time: Oct 11 09:46:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
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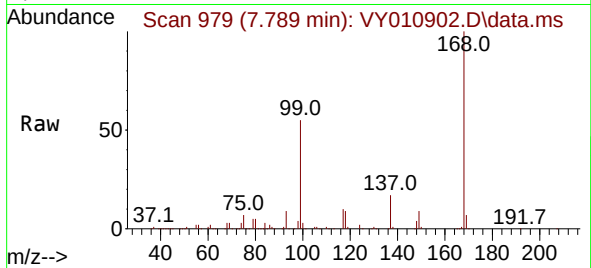
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43

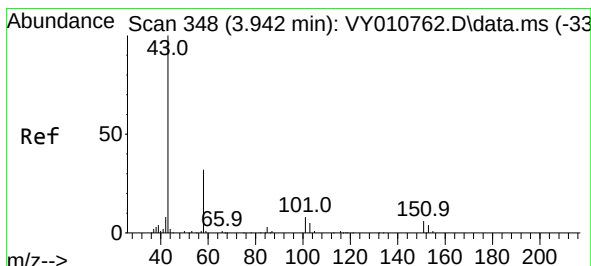
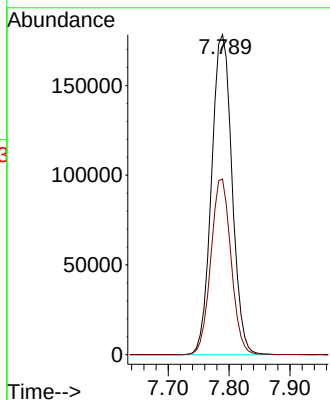
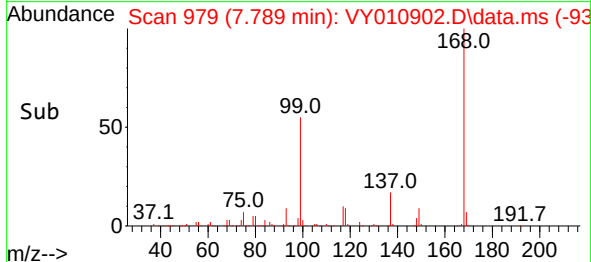
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT



Tgt Ion:168 Resp: 416224
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3

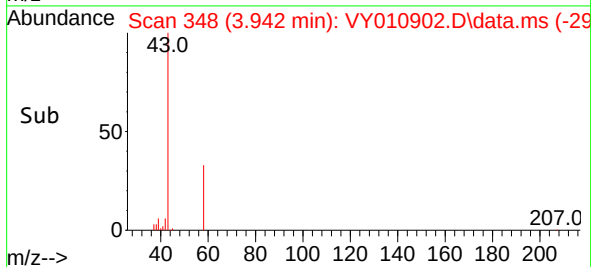
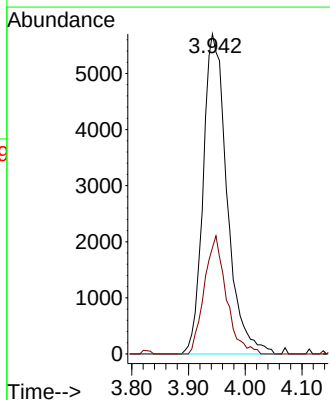
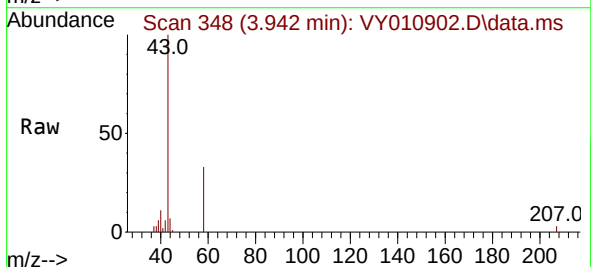
Manual Integrations
APPROVED

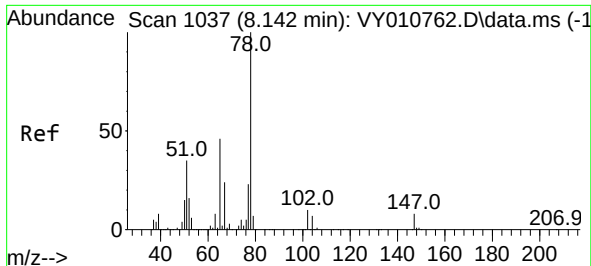
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#16
Acetone
Concen: 15.569 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43

Tgt Ion: 43 Resp: 16682
Ion Ratio Lower Upper
43 100
58 33.2 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 58.943 ug/l

RT: 8.137 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VY010902.D

Acq: 10 Oct 2022 19:43

Instrument :

MSVOA_Y

ClientSampleId :

COMP-B-6-VERT

Tgt Ion: 65 Resp: 24867

Ion Ratio Lower Upper

65 100

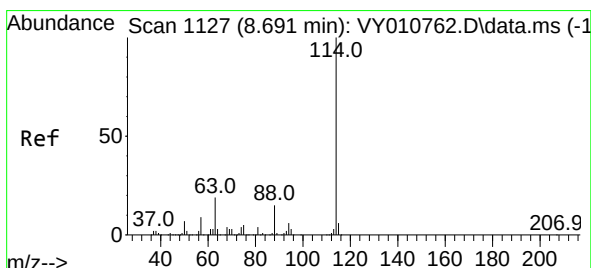
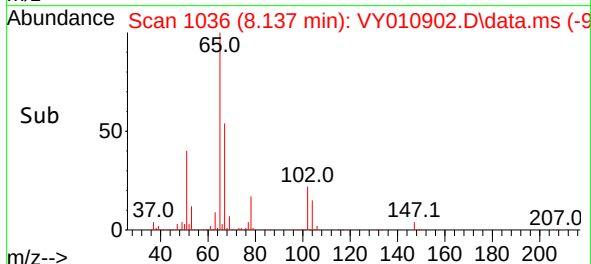
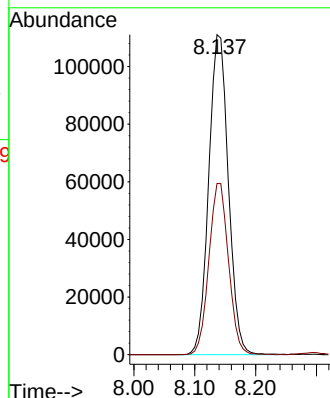
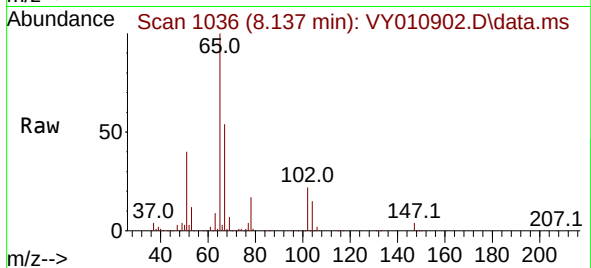
67 53.5 0.0 99.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010902.D

Acq: 10 Oct 2022 19:43

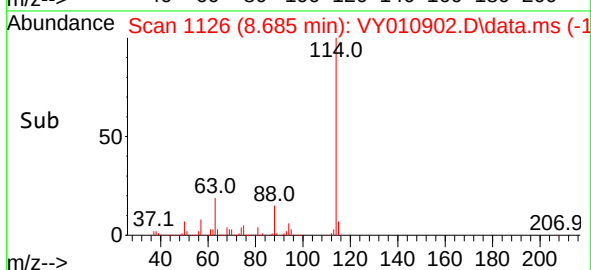
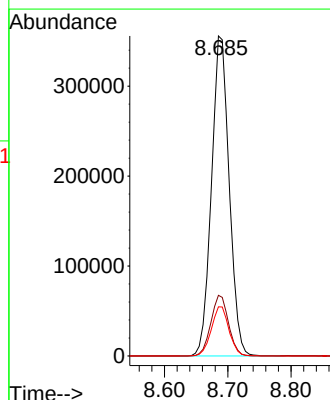
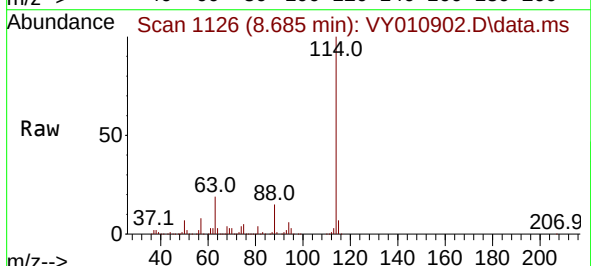
Tgt Ion:114 Resp: 692217

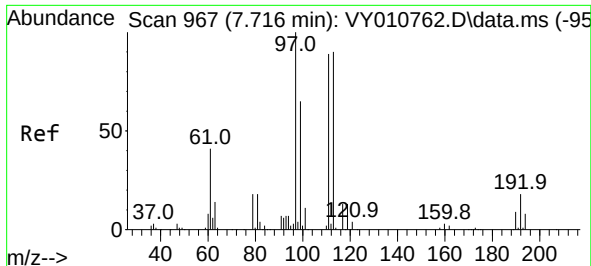
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

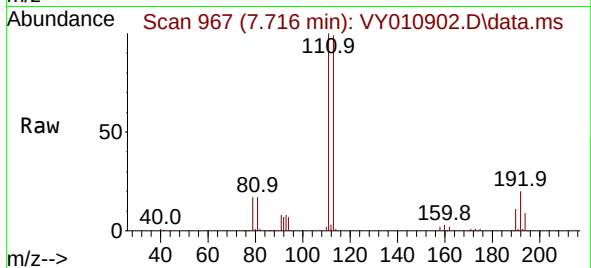
88 15.3 0.0 31.8





#35
Dibromofluoromethane
Concen: 51.013 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43

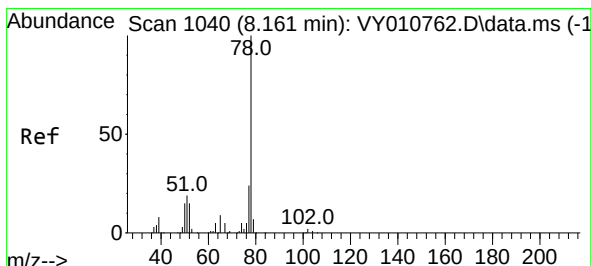
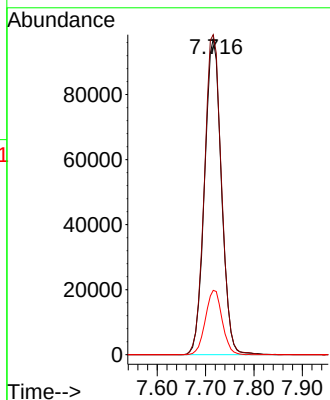
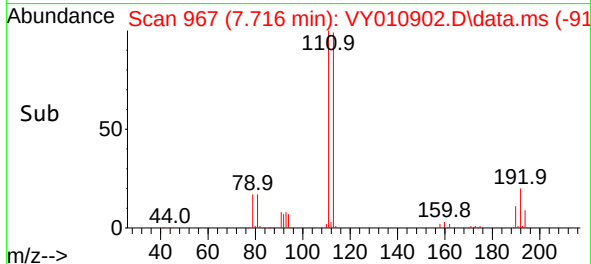
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT



Tgt Ion:113 Resp: 234404
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.3 17.6 26.4

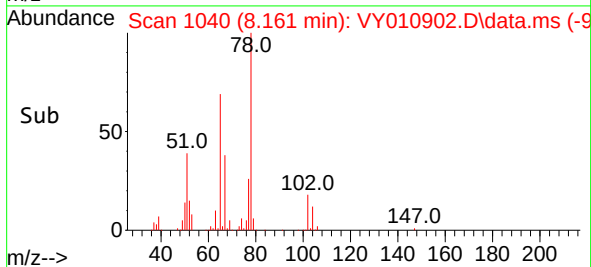
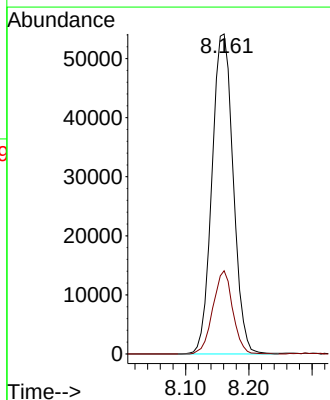
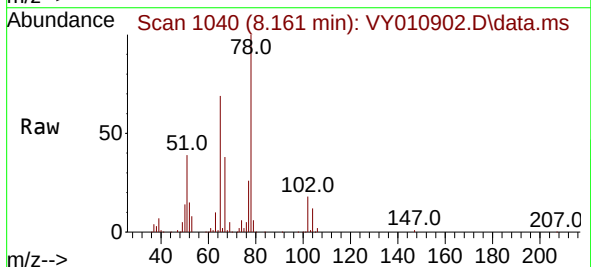
Manual Integrations
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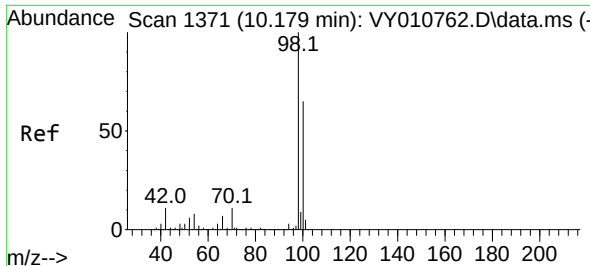
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#40
Benzene
Concen: 6.594 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43

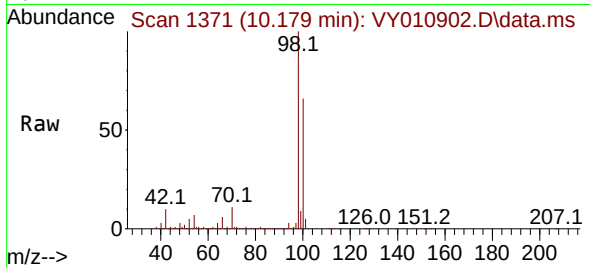
Tgt Ion: 78 Resp: 126002
Ion Ratio Lower Upper
78 100
77 26.0 20.4 30.6





#50
Toluene-d8
Concen: 54.168 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43

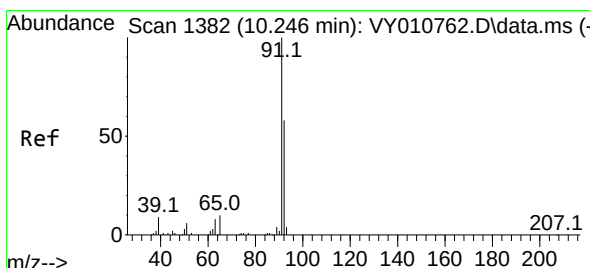
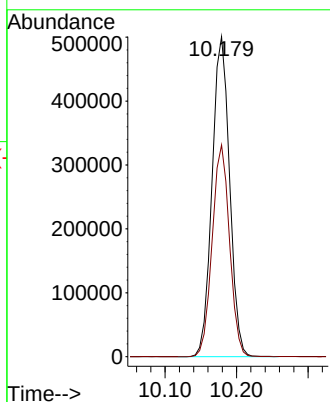
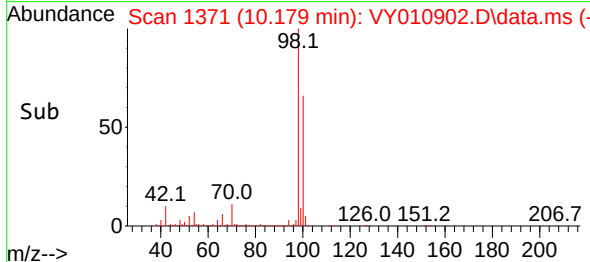
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT



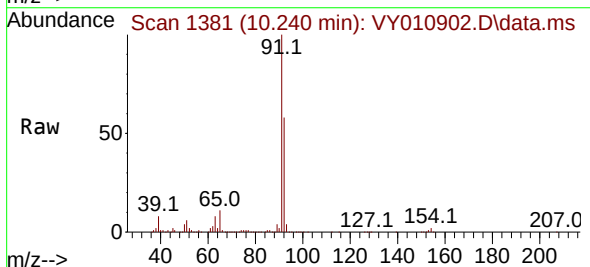
Tgt Ion: 98 Resp: 851217
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

Manual Integrations
APPROVED

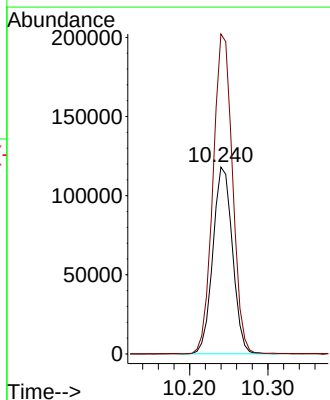
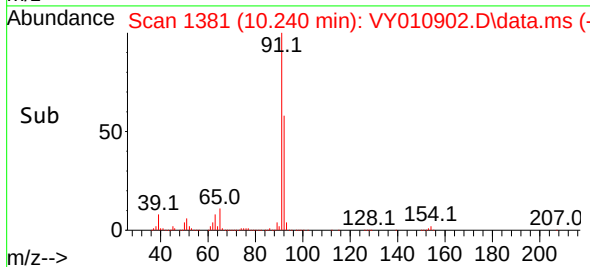
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

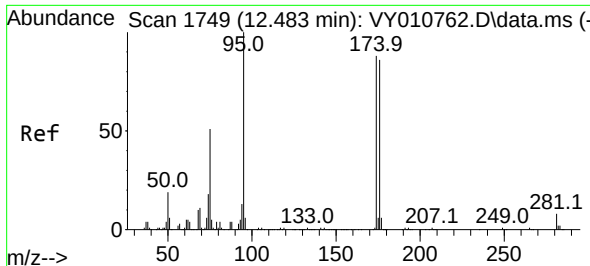


#52
Toluene
Concen: 16.850 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43



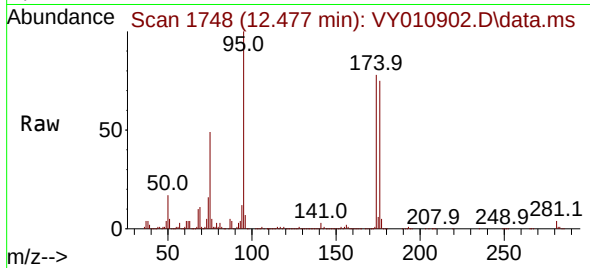
Tgt Ion: 92 Resp: 204915
Ion Ratio Lower Upper
92 100
91 170.7 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 47.948 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43

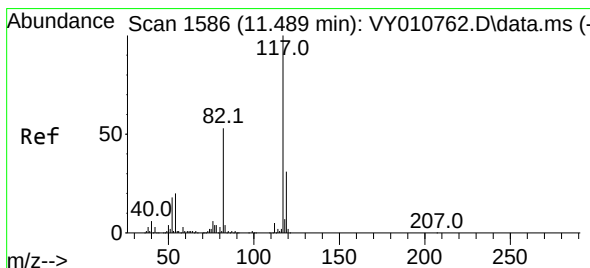
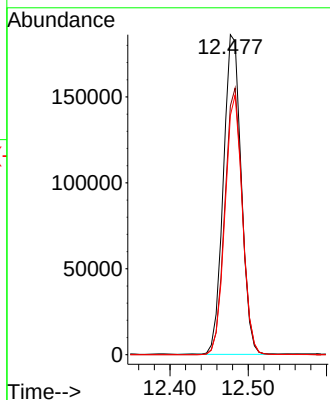
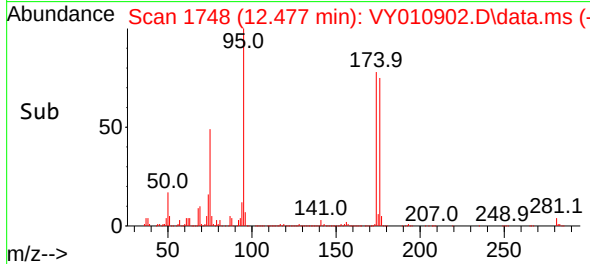
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT



Tgt Ion: 95 Resp: 295298
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 79.2 0.0 175.8

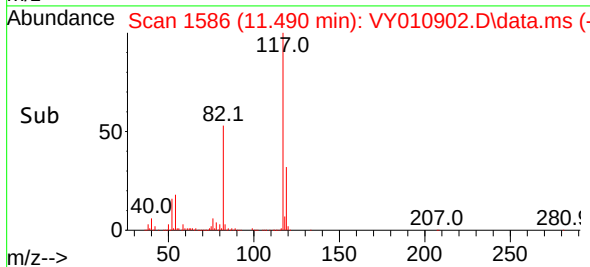
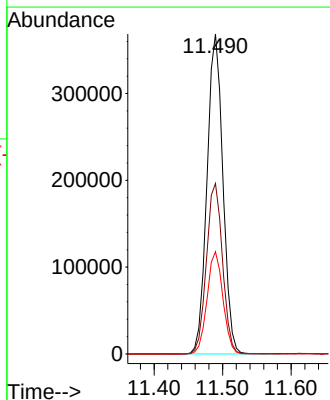
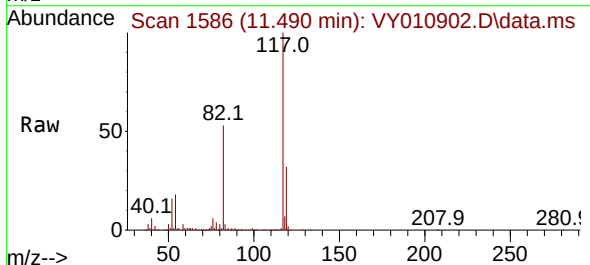
Manual Integrations
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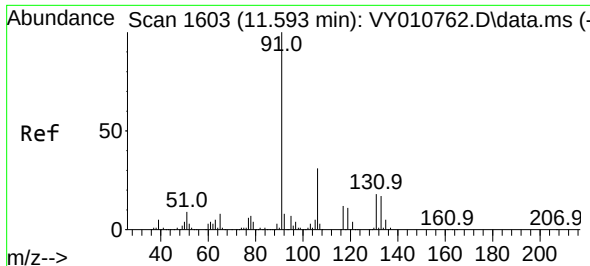
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43

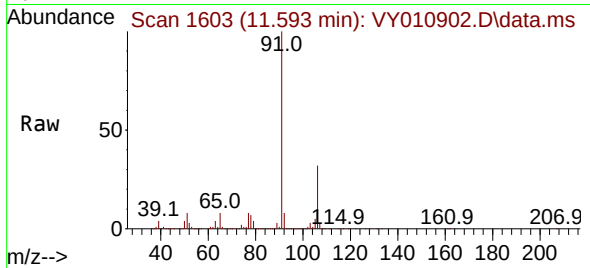
Tgt Ion:117 Resp: 593874
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.9 25.4 38.0





#67
Ethyl Benzene
Concen: 65.193 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43

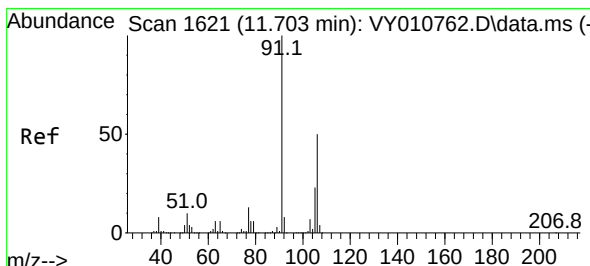
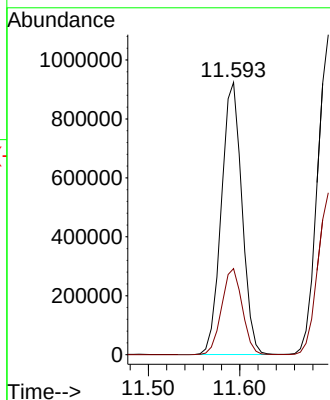
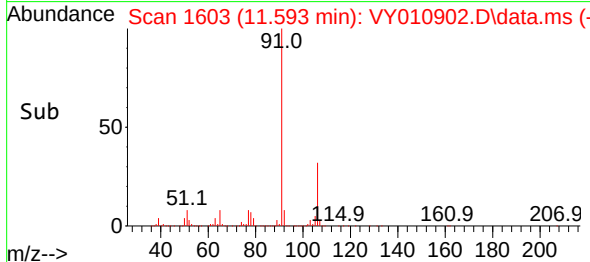
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT



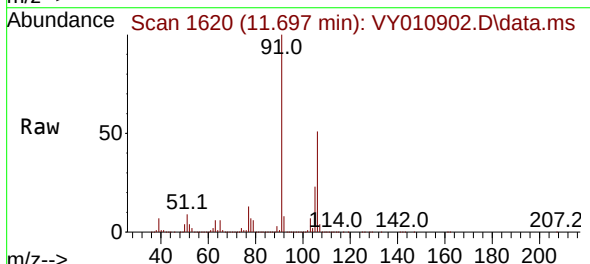
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Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

Manual Integrations
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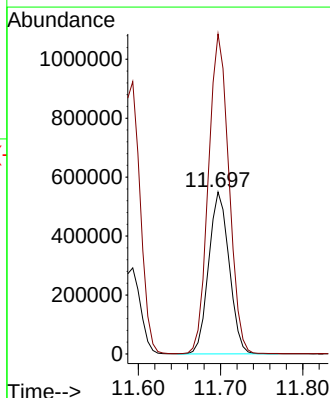
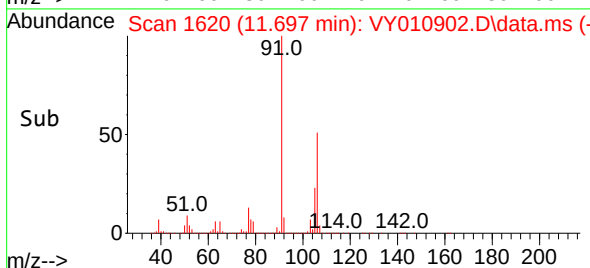
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

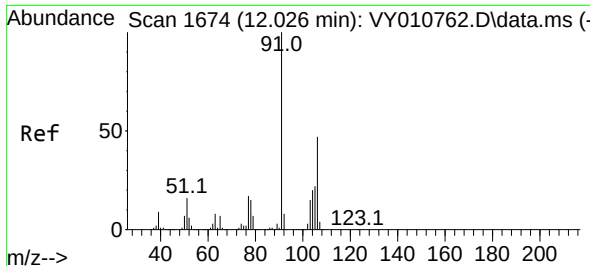


#68
m/p-Xylenes
Concen: 109.426 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43



Tgt Ion:106 Resp: 947836
Ion Ratio Lower Upper
106 100
91 198.3 166.6 249.8





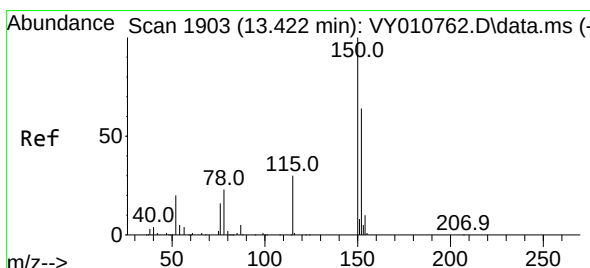
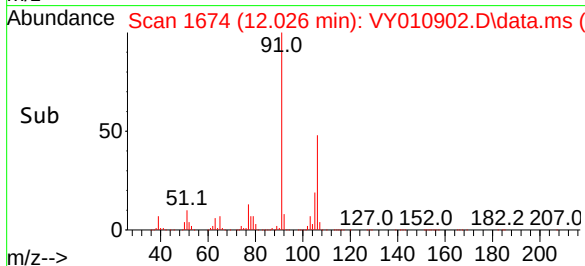
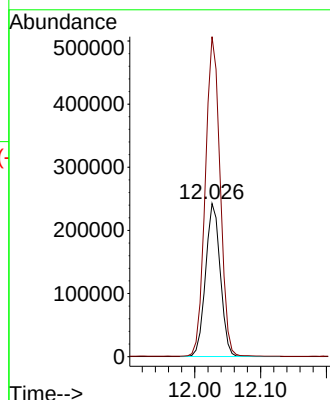
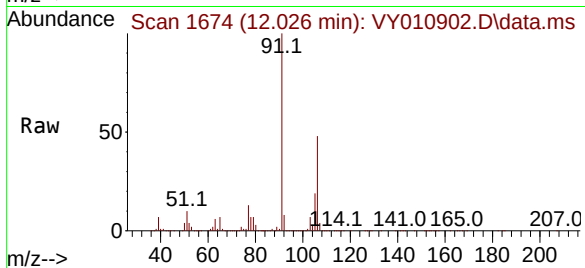
#69
o-Xylene
Concen: 46.494 ug/l
RT: 12.026 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT

Tgt Ion:106 Resp: 376528
Ion Ratio Lower Upper
106 100
91 210.7 110.3 331.0

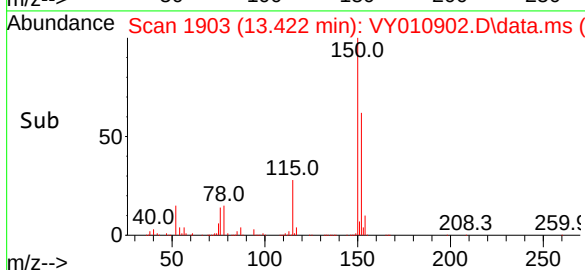
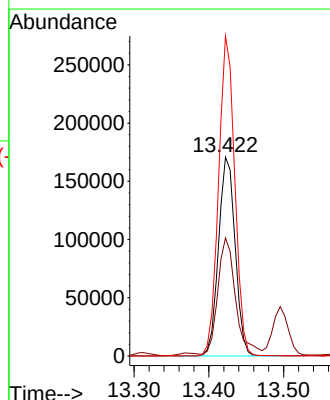
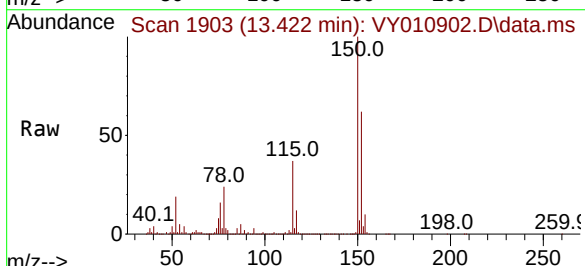
Manual Integrations
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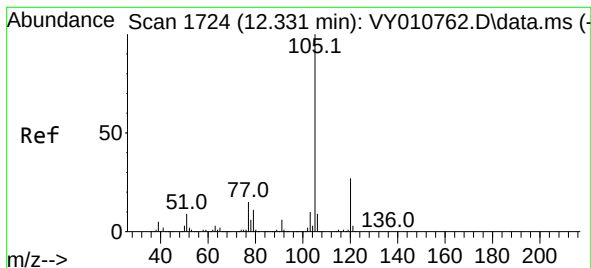
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010902.D
Acq: 10 Oct 2022 19:43

Tgt Ion:152 Resp: 263830
Ion Ratio Lower Upper
152 100
115 61.8 28.2 84.7
150 156.9 0.0 347.6





#73

Isopropylbenzene

Concen: 7.170 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY010902.D

Acq: 10 Oct 2022 19:43

Instrument :

MSVOA_Y

ClientSampleId :

COMP-B-6-VERT

Tgt Ion:105 Resp: 13906

Ion Ratio Lower Upper

105 100

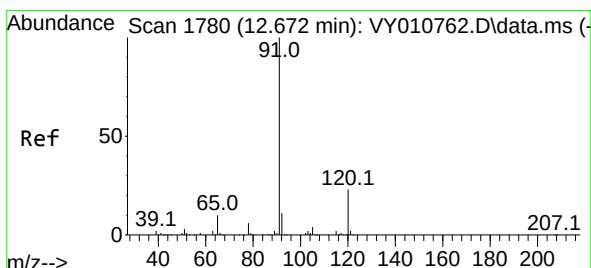
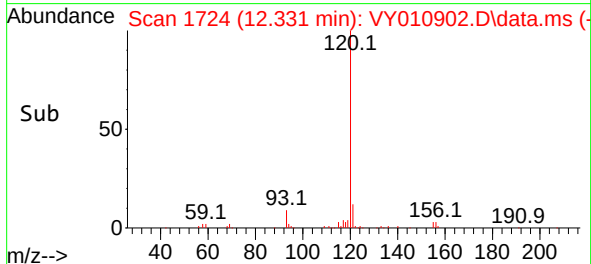
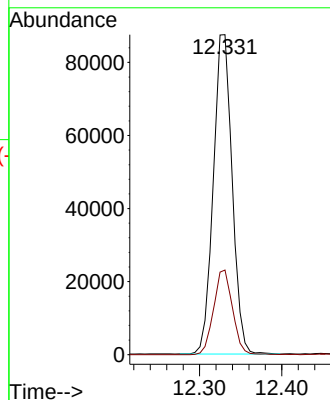
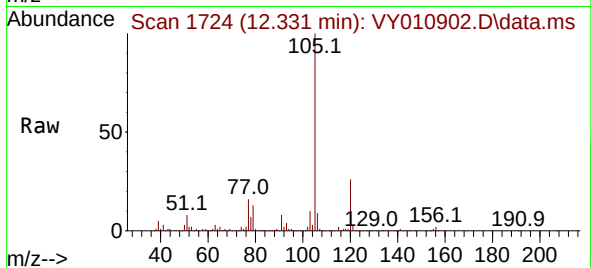
120 26.7 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#78

n-propylbenzene

Concen: 4.468 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY010902.D

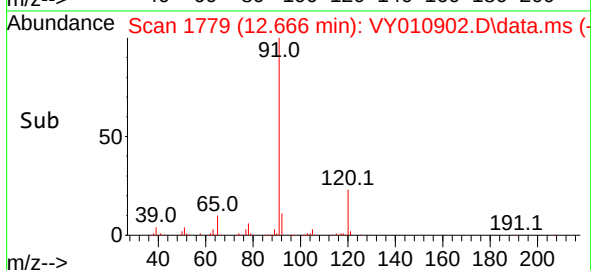
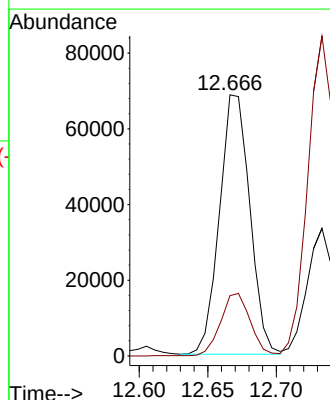
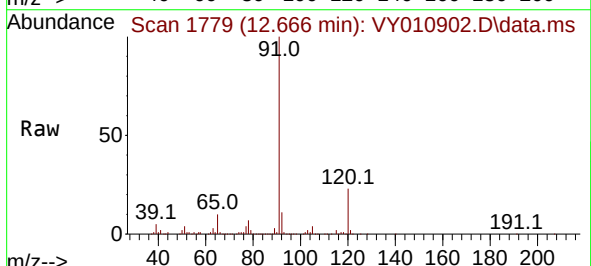
Acq: 10 Oct 2022 19:43

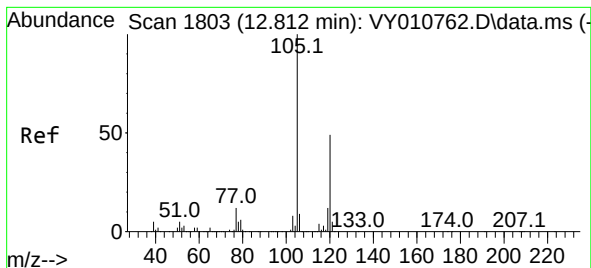
Tgt Ion: 91 Resp: 105541

Ion Ratio Lower Upper

91 100

120 23.5 11.3 33.9





#80

1,3,5-Trimethylbenzene

Concen: 17.006 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY010902.D

Acq: 10 Oct 2022 19:43

Instrument :

MSVOA_Y

ClientSampleId :

COMP-B-6-VERT

Tgt Ion:105 Resp: 278970

Ion Ratio Lower Upper

105 100

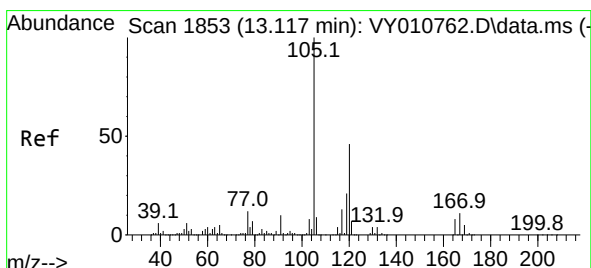
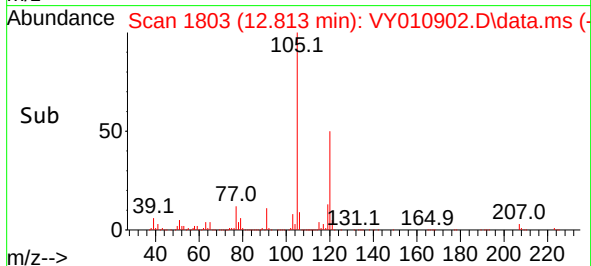
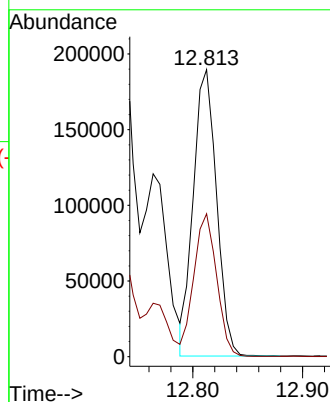
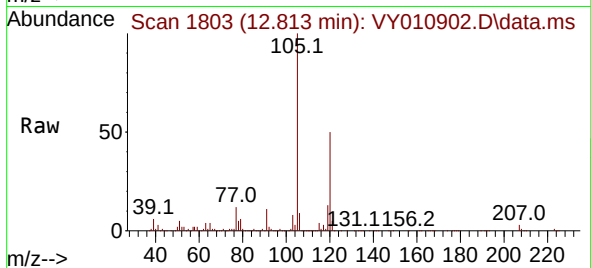
120 48.8 24.4 73.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#84

1,2,4-Trimethylbenzene

Concen: 60.185 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010902.D

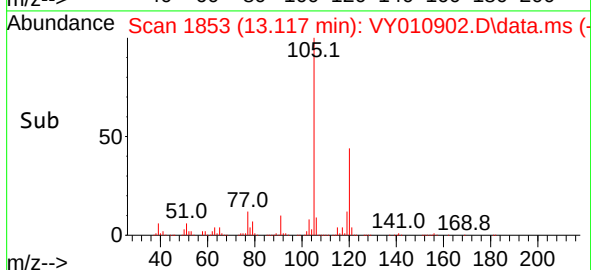
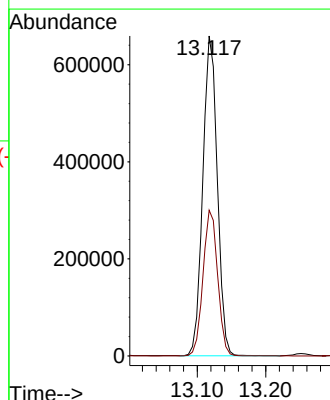
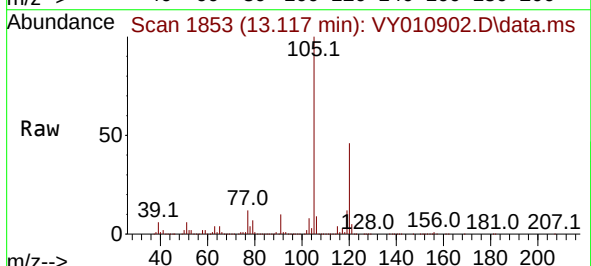
Acq: 10 Oct 2022 19:43

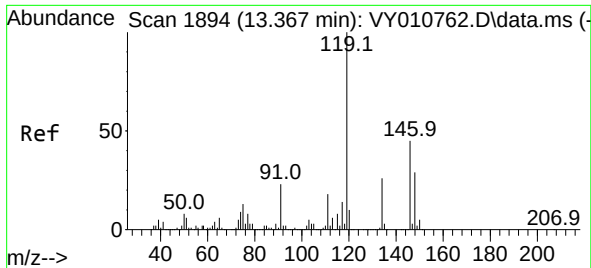
Tgt Ion:105 Resp: 970686

Ion Ratio Lower Upper

105 100

120 46.0 22.3 66.9





#86
 p-Isopropyltoluene
 Concen: 1.401 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010902.D
 Acq: 10 Oct 2022 19:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-B-6-VERT

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.7	13.2	39.5
91	0.0	12.4	37.2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

