

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007715.D
 Acq On : 03 Mar 2022 19:26
 Operator : SY/MD
 Sample : N1762-02
 Misc : 7.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 282

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

Quant Time: Mar 04 00:43:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	471703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	825714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	805262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	389672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	277803	56.255	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.500%			
35) Dibromofluoromethane	7.716	113	279298	52.907	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.820%			
50) Toluene-d8	10.179	98	1008508	51.898	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.800%			
62) 4-Bromofluorobenzene	12.483	95	365947	58.421	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.840%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	36023	35.859	ug/l	95
20) Methylene Chloride	4.722	84	55554	7.855	ug/l #	76
67) Ethyl Benzene	11.593	91	155131	4.903	ug/l	99
68) m/p-Xylenes	11.703	106	169324	13.948	ug/l	92
73) Isopropylbenzene	12.331	105	117064	3.856	ug/l	95
78) n-propylbenzene	12.672	91	236451	6.455	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	377910	15.568	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1236726	51.724	ug/l	97
85) sec-Butylbenzene	13.251	105	662864	20.069	ug/l	92
86) p-Isopropyltoluene	13.367	119	60062	2.202	ug/l	91
89) n-Butylbenzene	13.690	91	92866m	3.602	ug/l	

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

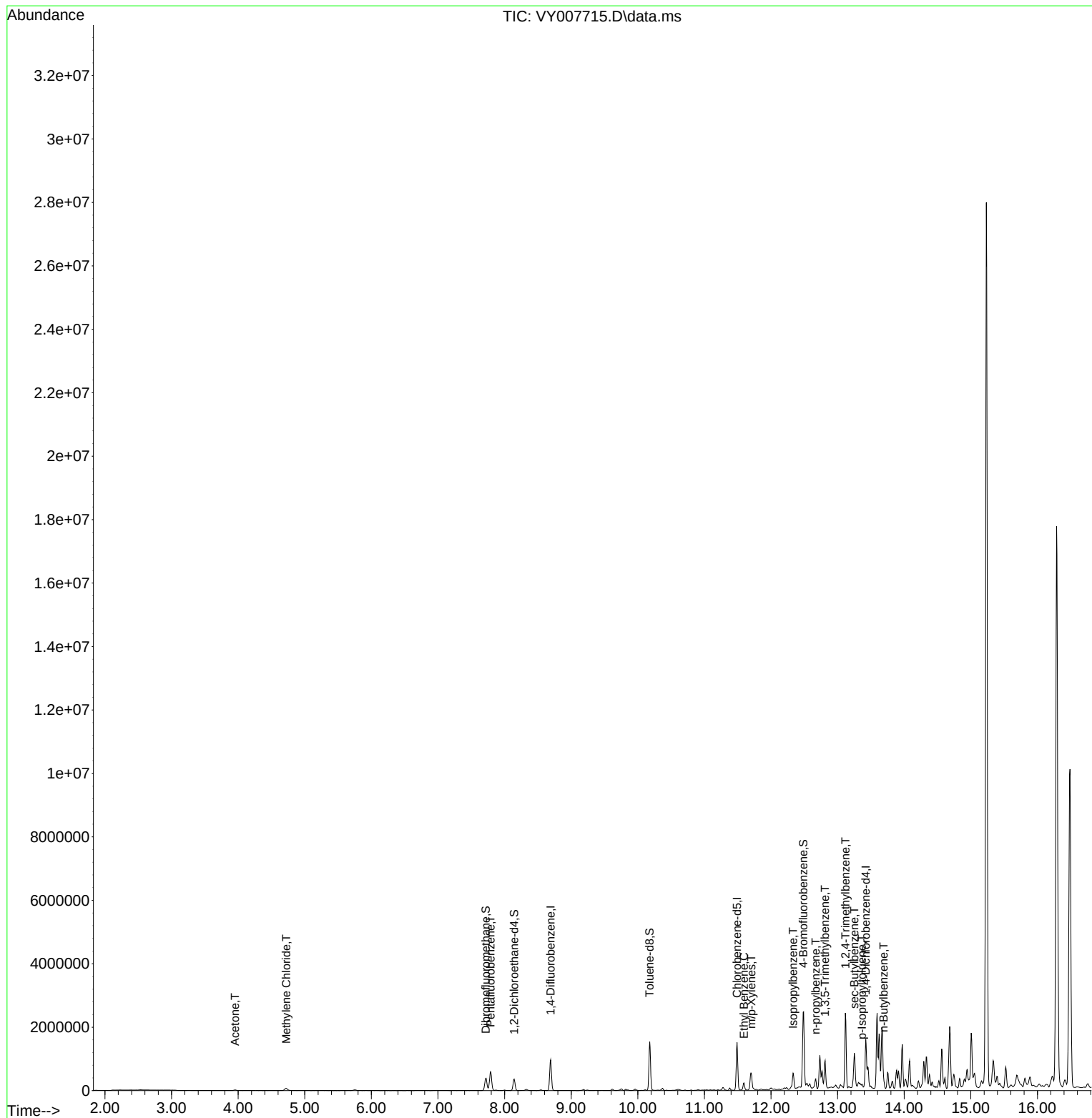
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007715.D
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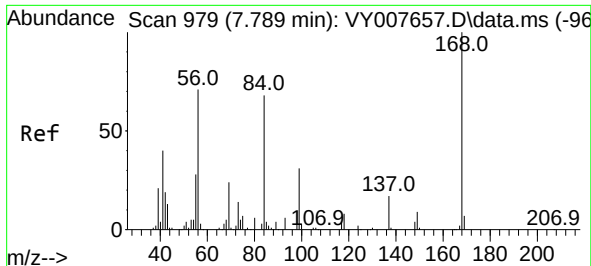
Instrument :
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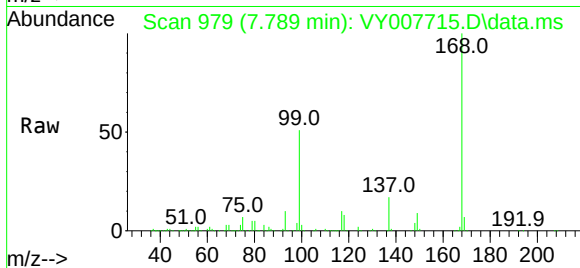
Quant Time: Mar 04 00:43:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26

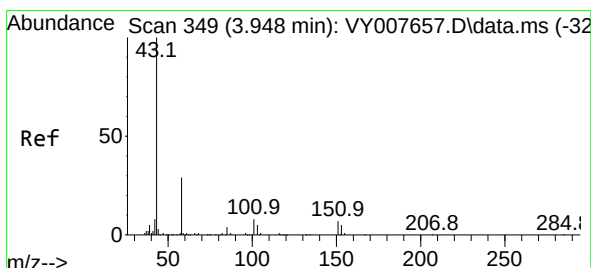
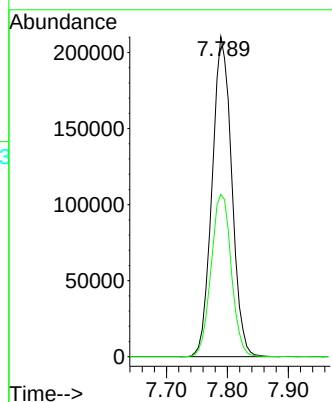
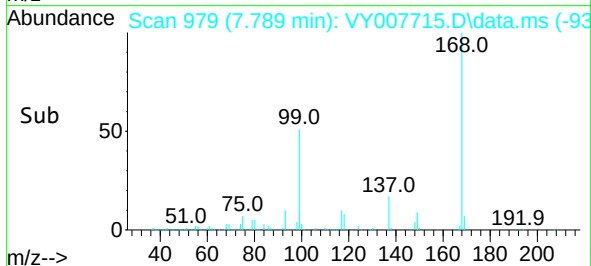
Instrument :
MSVOA_Y
ClientSampleId :
282



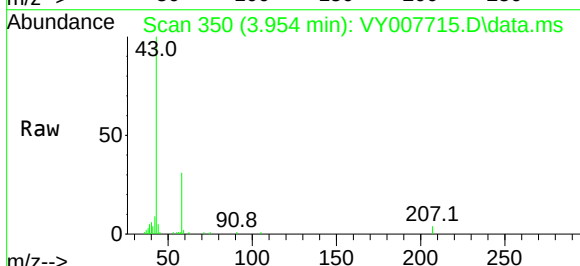
Tgt Ion:168 Resp: 47170
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3

Manual Integrations
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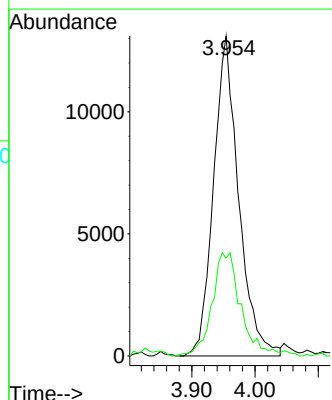
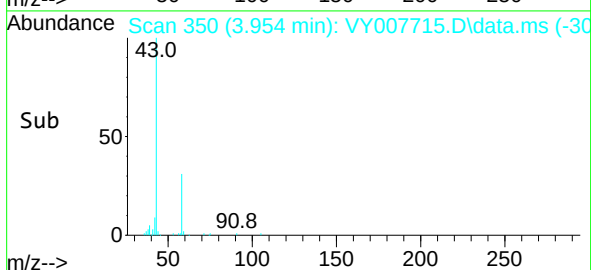
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

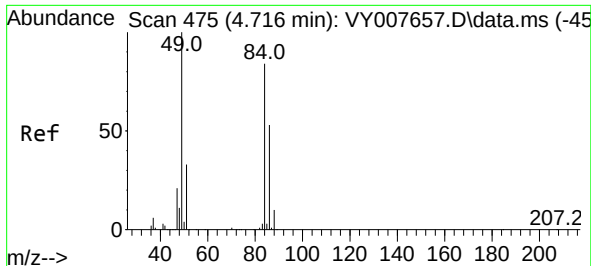


#16
Acetone
Concen: 35.859 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26



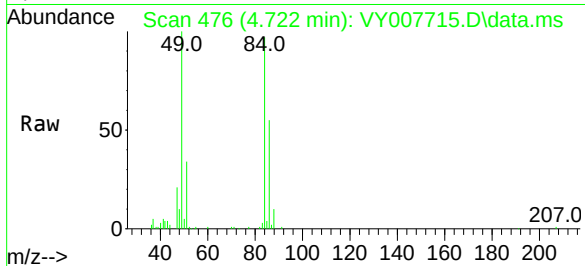
Tgt Ion: 43 Resp: 36023
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0





#20
Methylene Chloride
Concen: 7.855 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26

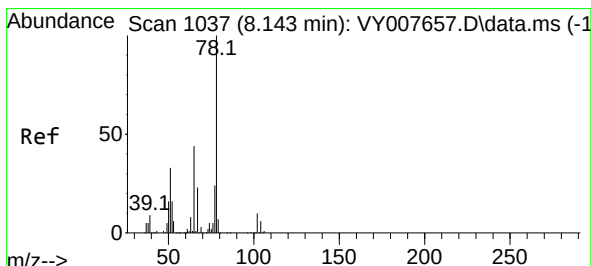
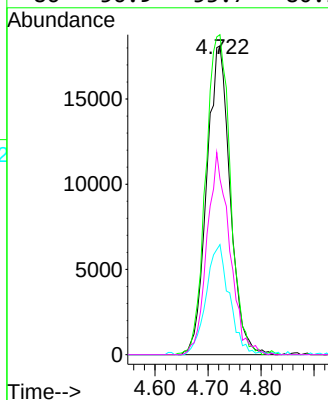
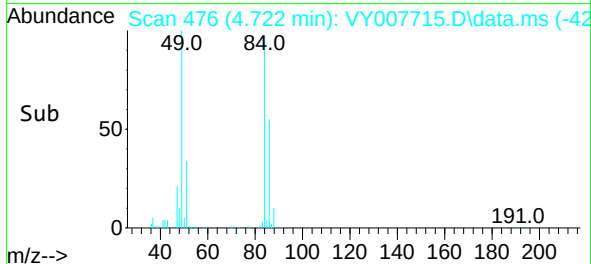
Instrument :
MSVOA_Y
ClientSampleId :
282



Tgt Ion: 84 Resp: 55554
Ion Ratio Lower Upper
84 100
49 103.3 114.4 171.6
51 35.6 35.3 52.9
86 56.9 53.7 80.5

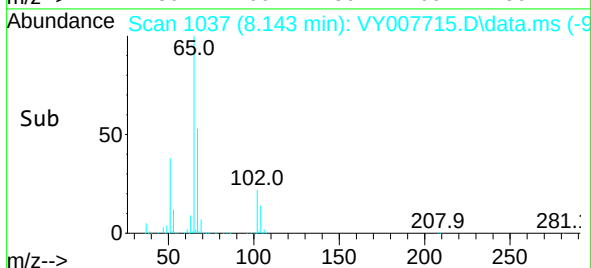
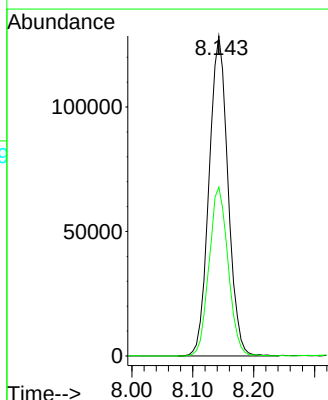
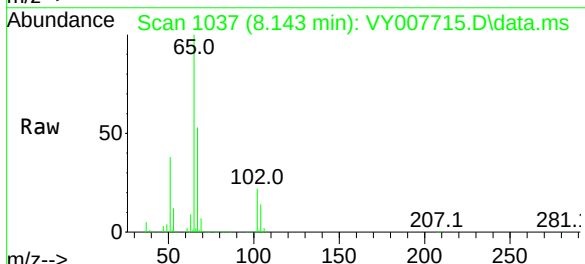
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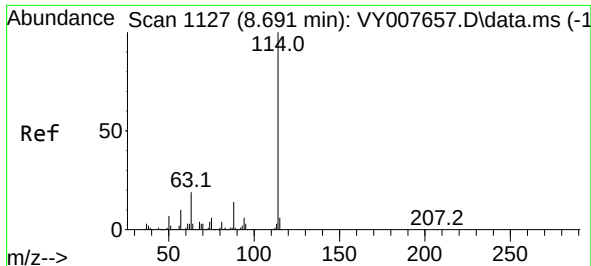
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#33
1,2-Dichloroethane-d4
Concen: 56.255 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26

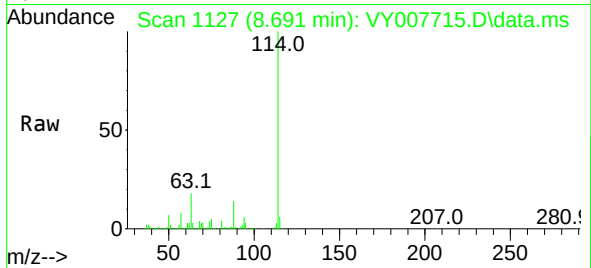
Tgt Ion: 65 Resp: 277803
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26

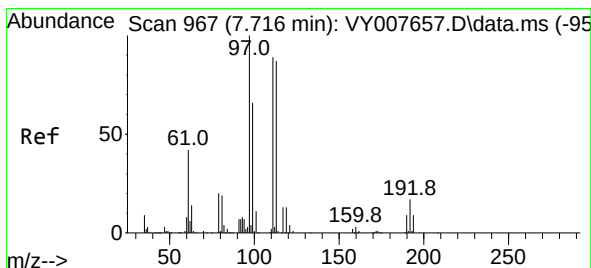
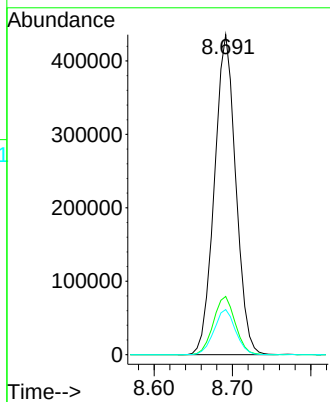
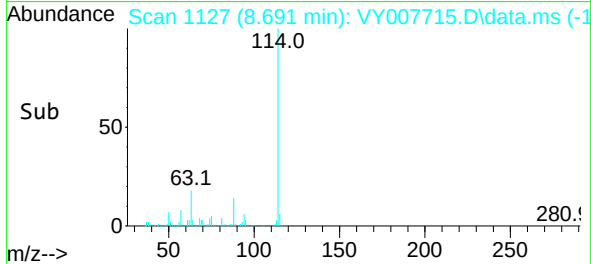
Instrument :
MSVOA_Y
ClientSampleId :
282



Tgt Ion:114 Resp: 825714
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 14.1 0.0 31.8

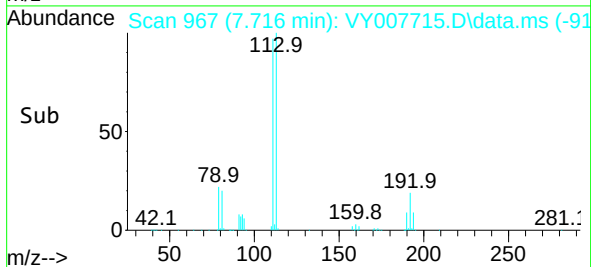
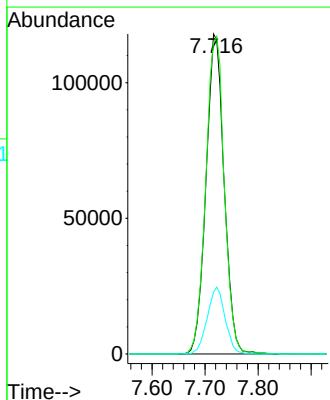
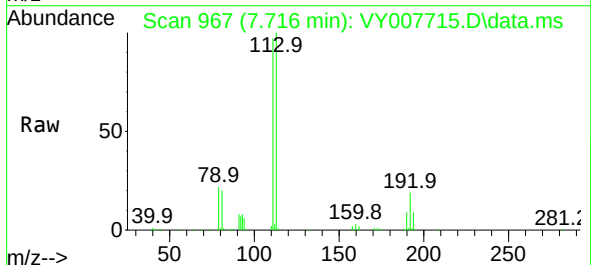
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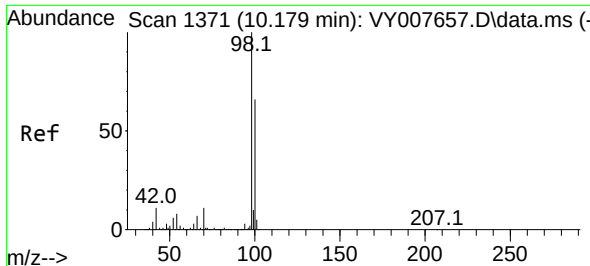
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#35
Dibromofluoromethane
Concen: 52.907 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26

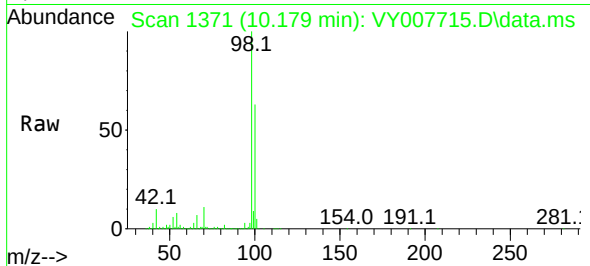
Tgt Ion:113 Resp: 279298
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 20.6 17.6 26.4





#50
Toluene-d8
Concen: 51.898 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26

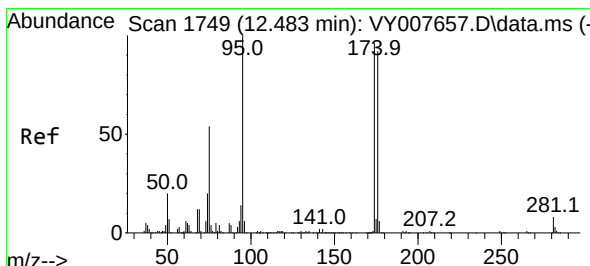
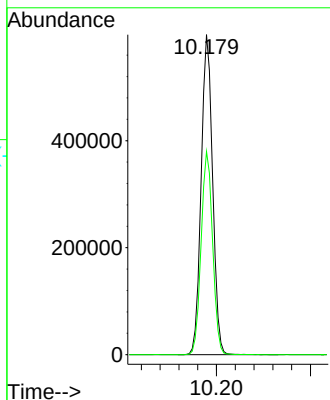
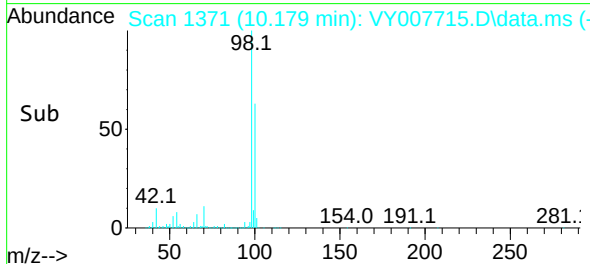
Instrument :
MSVOA_Y
ClientSampleId :
282



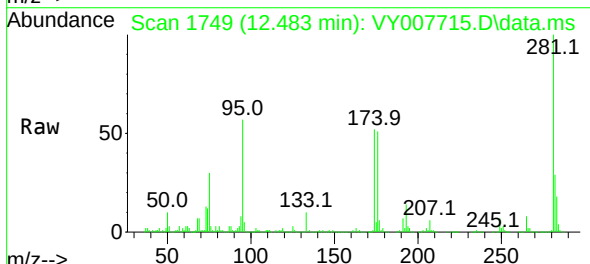
Tgt Ion: 98 Resp: 1008508
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

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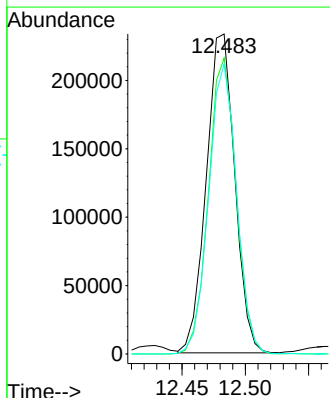
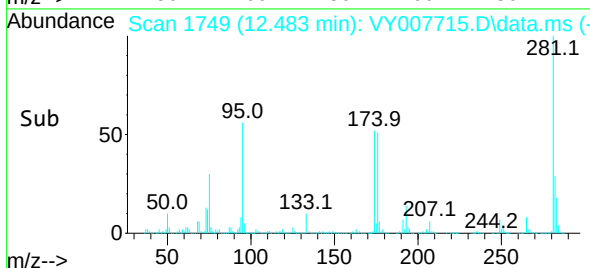
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

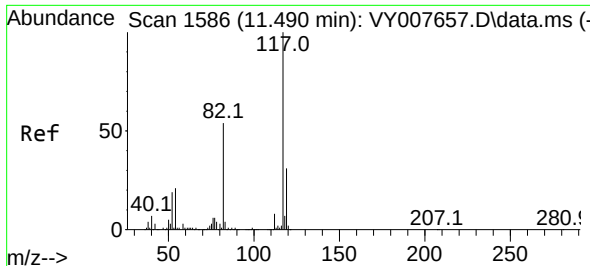


#62
4-Bromofluorobenzene
Concen: 58.421 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26



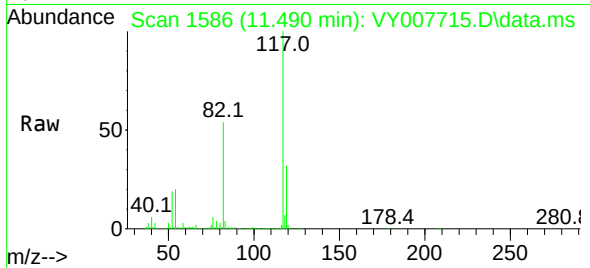
Tgt Ion: 95 Resp: 365947
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 89.0 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26

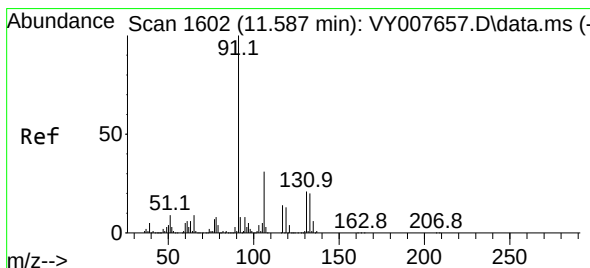
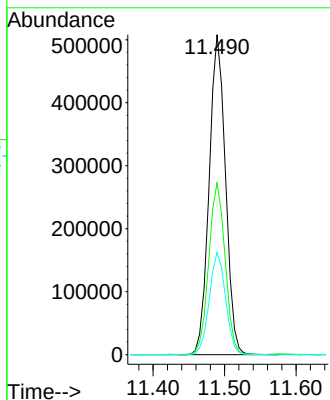
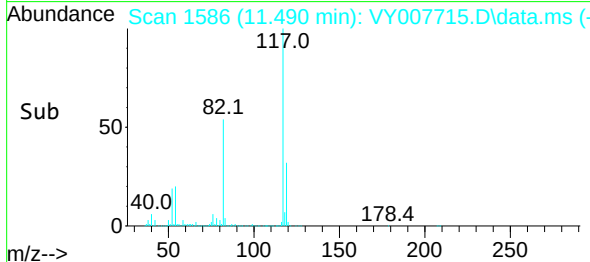
Instrument :
MSVOA_Y
ClientSampleId :
282



Tgt Ion:117 Resp: 805262
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.0 25.4 38.0

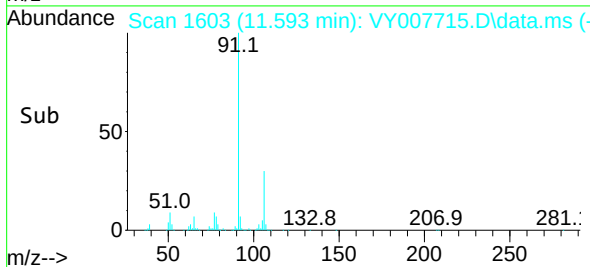
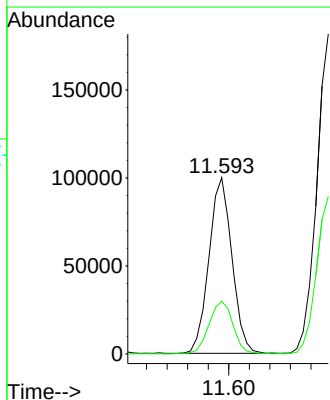
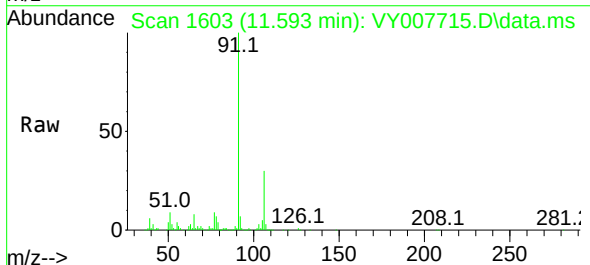
Manual Integrations
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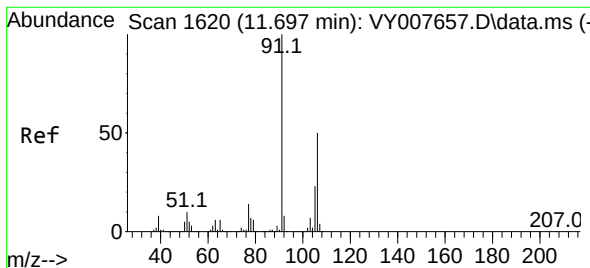
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#67
Ethyl Benzene
Concen: 4.903 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26

Tgt Ion: 91 Resp: 155131
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7





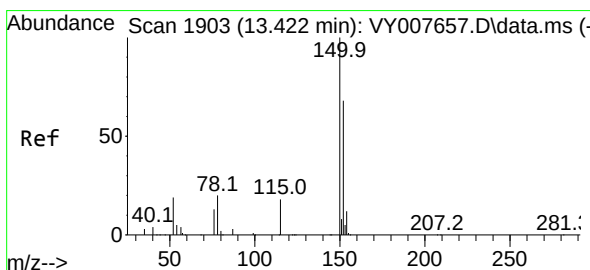
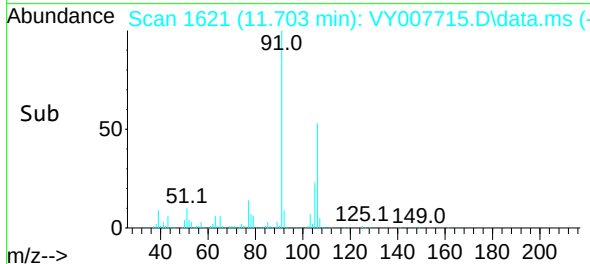
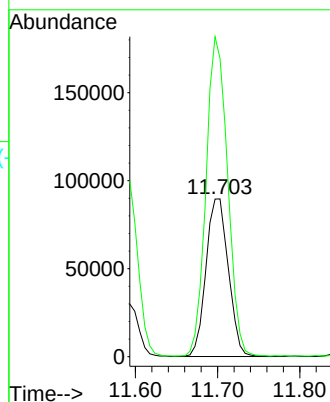
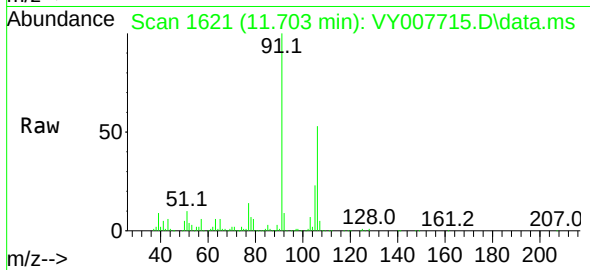
#68
m/p-Xylenes
Concen: 13.948 ug/l
RT: 11.703 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26

Instrument :
MSVOA_Y
ClientSampleId :
282

Tgt Ion:106 Resp: 169324
Ion Ratio Lower Upper
106 100
91 195.0 166.6 249.8

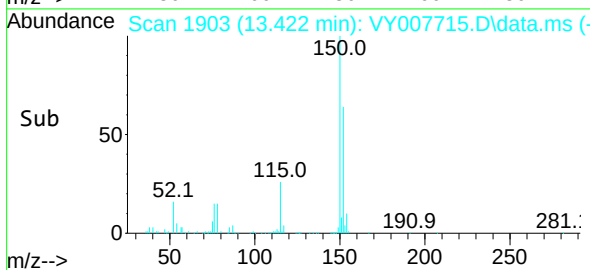
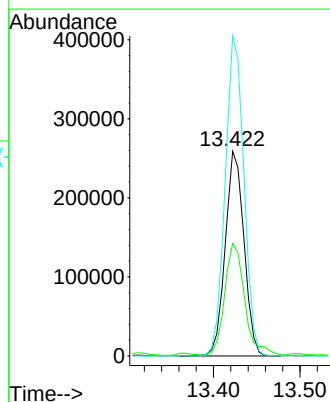
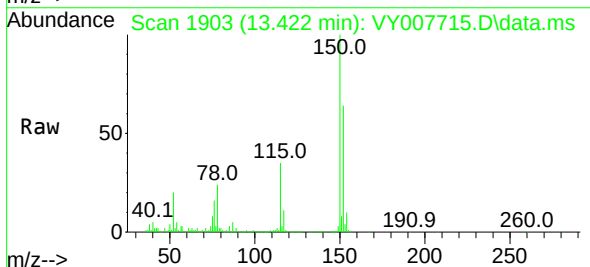
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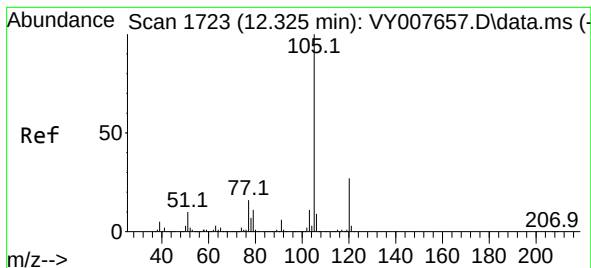
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26

Tgt Ion:152 Resp: 389672
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 155.8 0.0 347.6





#73

Isopropylbenzene

Concen: 3.856 ug/l

RT: 12.331 min Scan# 117064

Delta R.T. 0.006 min

Lab File: VY007715.D

Acq: 03 Mar 2022 19:26

Instrument :

MSVOA_Y

ClientSampleId :

282

Tgt Ion:105 Resp: 117064

Ion Ratio Lower Upper

105 100

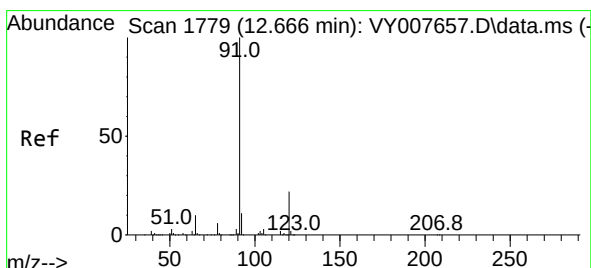
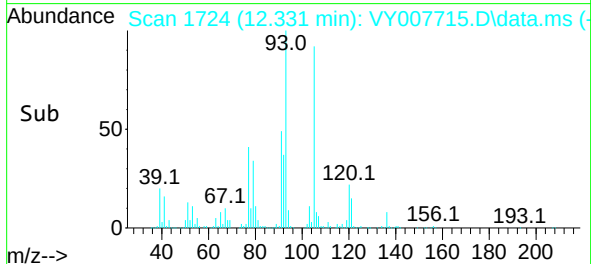
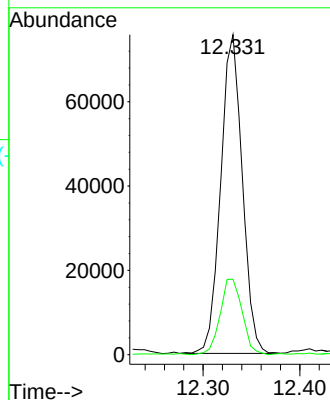
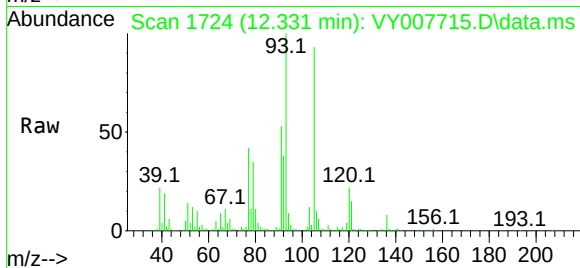
120 24.2 13.4 40.2

Manual Integrations

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Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#78

n-propylbenzene

Concen: 6.455 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY007715.D

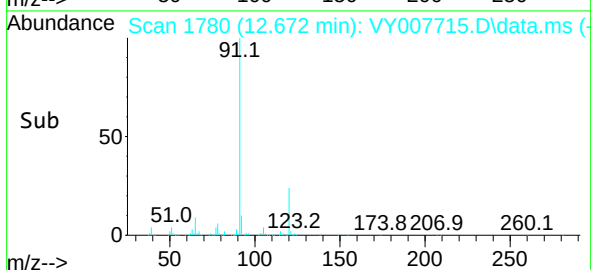
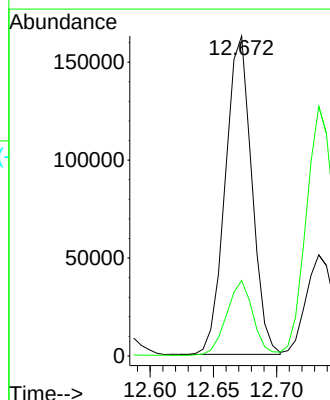
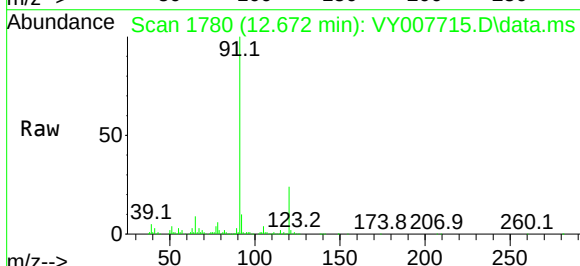
Acq: 03 Mar 2022 19:26

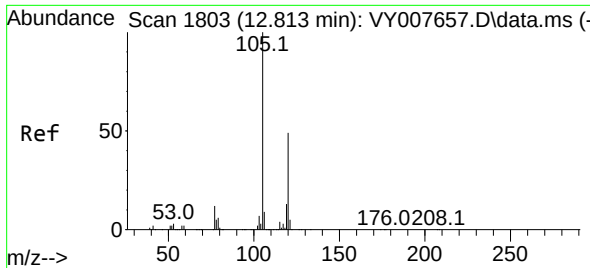
Tgt Ion: 91 Resp: 236451

Ion Ratio Lower Upper

91 100

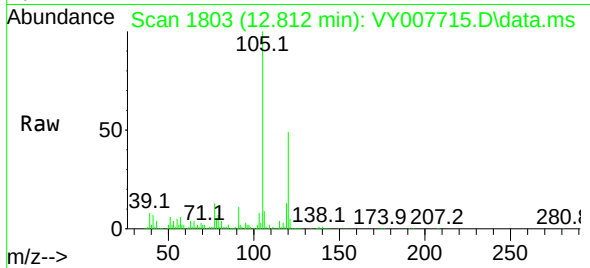
120 23.8 11.3 33.9





#80
1,3,5-Trimethylbenzene
Concen: 15.568 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26

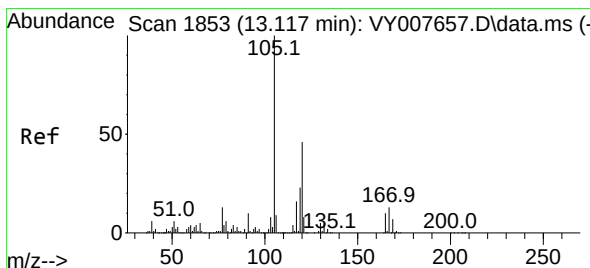
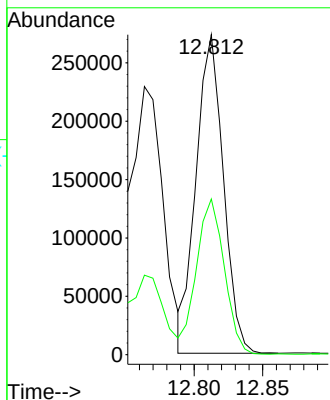
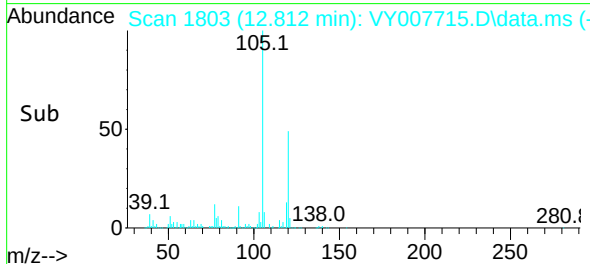
Instrument :
MSVOA_Y
ClientSampleId :
282



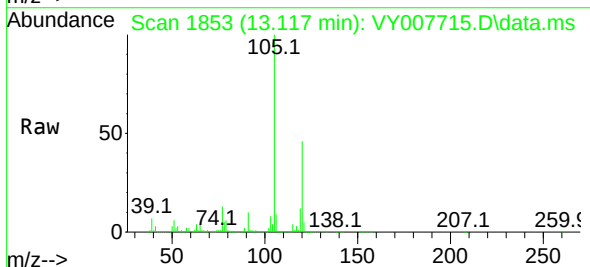
Tgt Ion:105 Resp: 377910
Ion Ratio Lower Upper
105 100
120 49.8 24.4 73.4

Manual Integrations
APPROVED

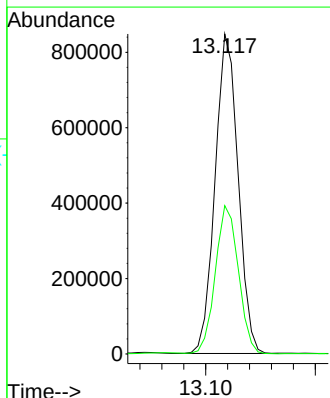
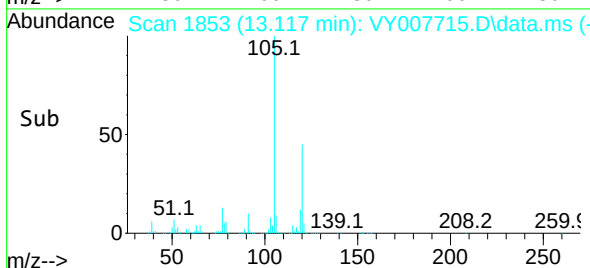
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

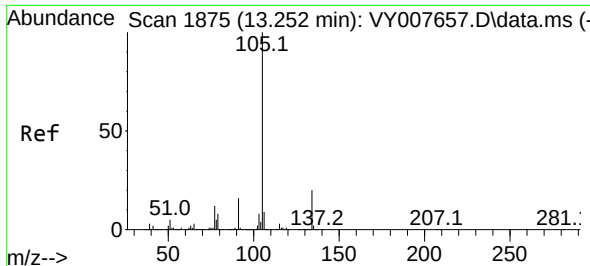


#84
1,2,4-Trimethylbenzene
Concen: 51.724 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007715.D
Acq: 03 Mar 2022 19:26



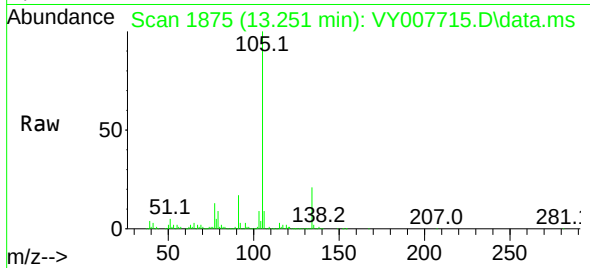
Tgt Ion:105 Resp: 1236726
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.069 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY007715.D
 Acq: 03 Mar 2022 19:26

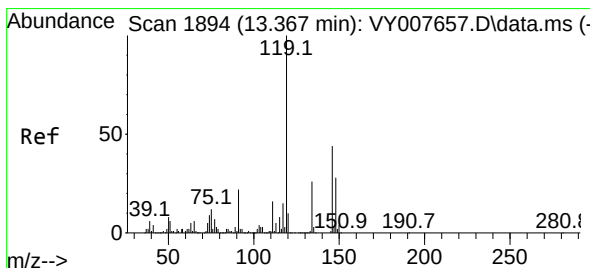
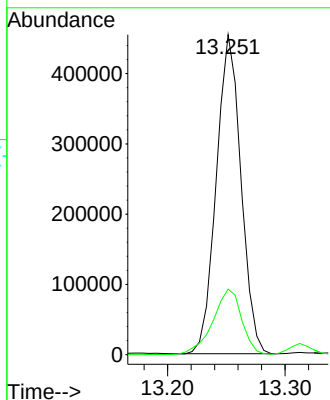
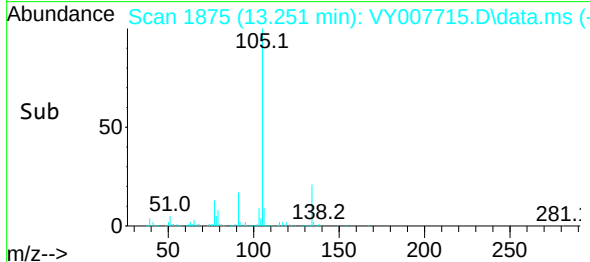
Instrument :
 MSVOA_Y
 ClientSampleId :
 282



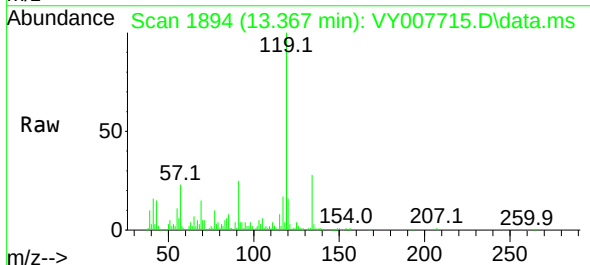
Tgt Ion:105 Resp: 662864
 Ion Ratio Lower Upper
 105 100
 134 24.2 10.2 30.4

Manual Integrations
 APPROVED

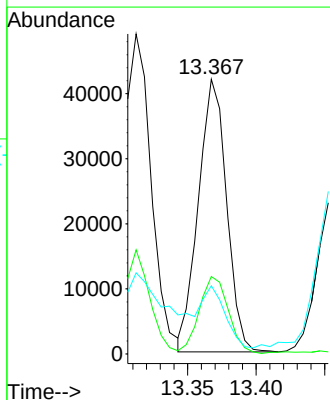
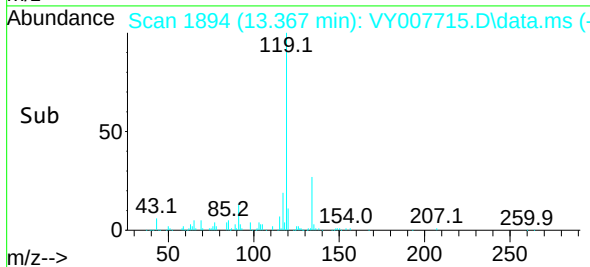
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022

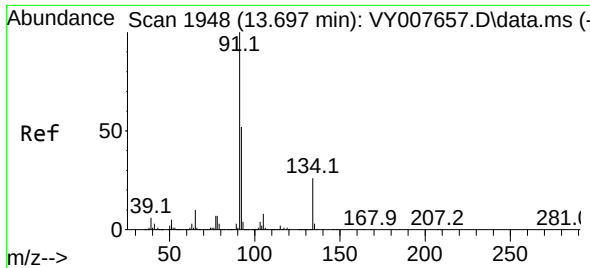


#86
 p-Isopropyltoluene
 Concen: 2.202 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007715.D
 Acq: 03 Mar 2022 19:26



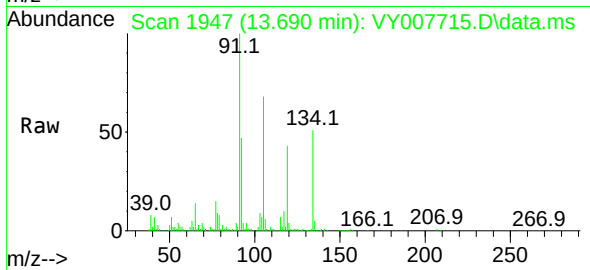
Tgt Ion:119 Resp: 60062
 Ion Ratio Lower Upper
 119 100
 134 29.2 13.2 39.5
 91 18.5 12.4 37.2





#89
 n-Butylbenzene
 Concen: 3.602 ug/l m
 RT: 13.690 min Scan# 1947
 Delta R.T. -0.007 min
 Lab File: VY007715.D
 Acq: 03 Mar 2022 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 282



Tgt Ion: 91 Resp: 92860

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.3	78.9
134	415.3	13.0	38.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022

