

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009347.D
 Acq On : 27 Jun 2022 16:54
 Operator : KP/MD
 Sample : N3434-01
 Misc : 7.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2203-28

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 04:30:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	106050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	174877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	156814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	41935	52.755	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.520%			
35) Dibromofluoromethane	7.710	113	43528	46.114	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.220%			
50) Toluene-d8	10.173	98	139593	50.713	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.420%			
62) 4-Bromofluorobenzene	12.477	95	68123	50.674	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.340%			
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	25952	95.720	ug/l #	81
25) 2-Butanone	6.972	43	12857	31.534	ug/l #	88
31) Cyclohexane	7.758	56	49687	25.910	ug/l #	52
39) Methylcyclohexane	9.179	83	37397	18.946	ug/l #	73
52) Toluene	10.240	92	4629	1.603	ug/l	94
67) Ethyl Benzene	11.587	91	346159	63.009	ug/l	100
68) m/p-Xylenes	11.703	106	260767	120.815	ug/l	100
69) o-Xylene	12.026	106	87380	43.142	ug/l	99
73) Isopropylbenzene	12.325	105	29717	5.284	ug/l	99
78) n-propylbenzene	12.666	91	129540	18.676	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	238194	50.279	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	705698	151.083	ug/l	99
85) sec-Butylbenzene	13.251	105	10754m	1.750	ug/l	
89) n-Butylbenzene	13.690	91	18347	3.848	ug/l #	64

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

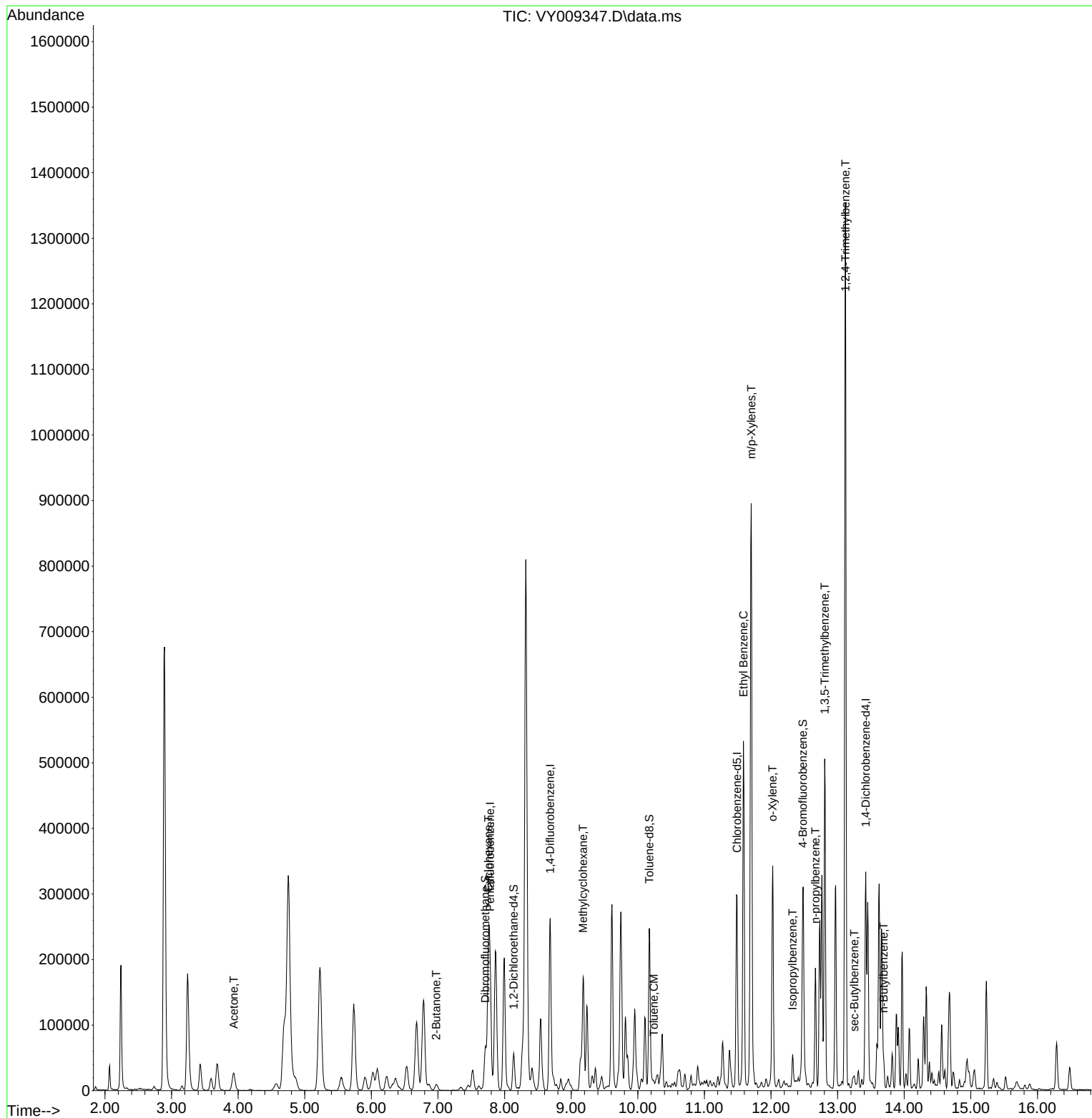
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
Data File : VY009347.D
Acq On : 27 Jun 2022 16:54
Operator : KP/MD
Sample : N3434-01
Misc : 7.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

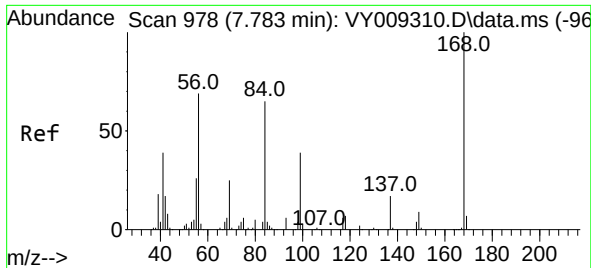
Instrument :
MSVOA_Y
ClientSampleId :
B2203-28

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
Supervised By : Mahesh Dadoda 06/30/2022

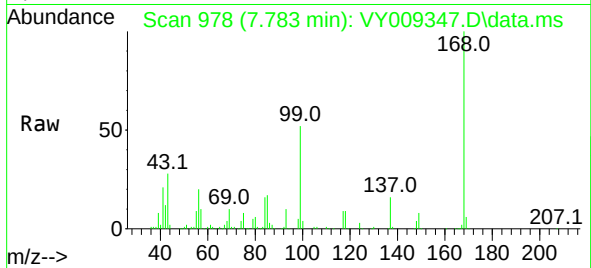
Quant Time: Jun 28 04:30:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 25 07:08:46 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54

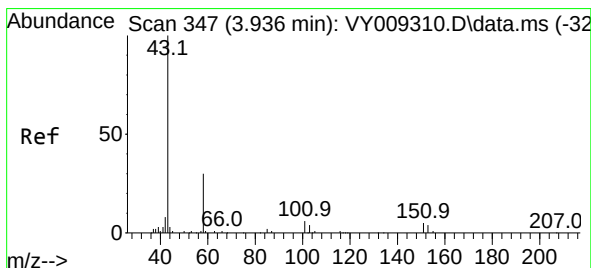
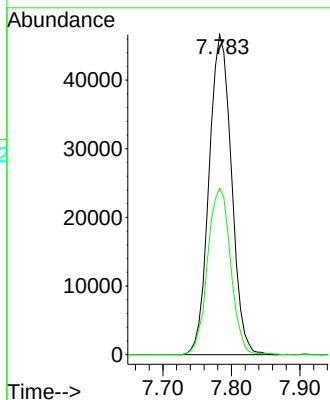
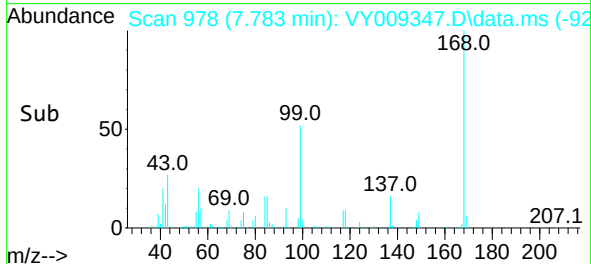
Instrument :
MSVOA_Y
ClientSampleId :
B2203-28



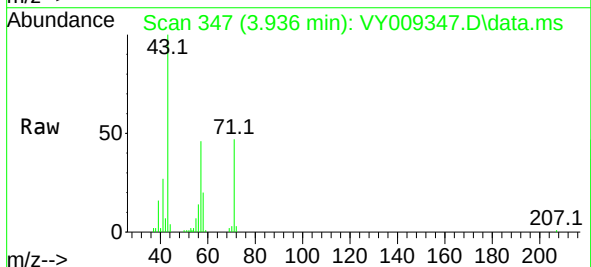
Tgt Ion:168 Resp: 106050
Ion Ratio Lower Upper
168 100
99 52.1 42.1 63.1

Manual Integrations
APPROVED

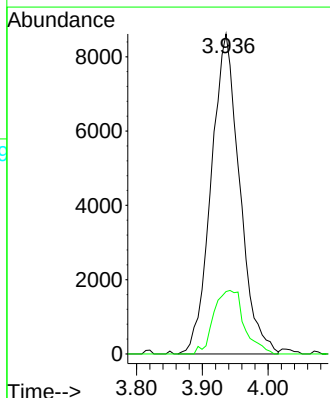
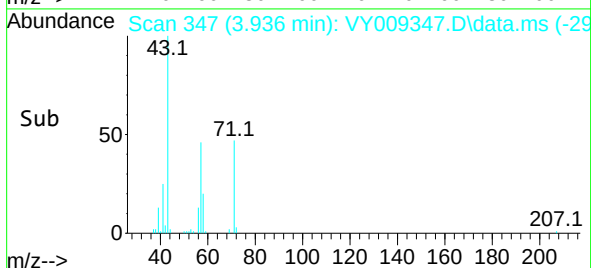
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

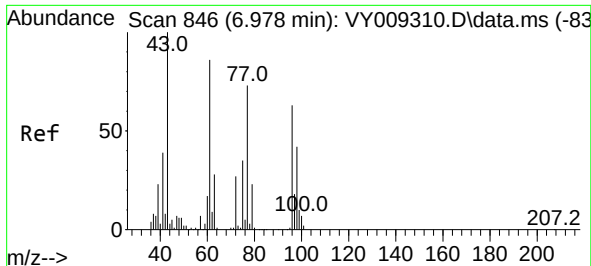


#16
Acetone
Concen: 95.720 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54



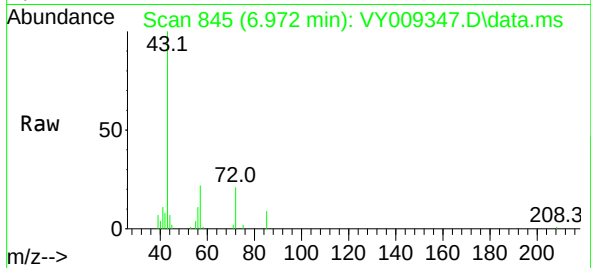
Tgt Ion: 43 Resp: 25952
Ion Ratio Lower Upper
43 100
58 19.5 24.0 36.0#





#25
2-Butanone
Concen: 31.534 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54

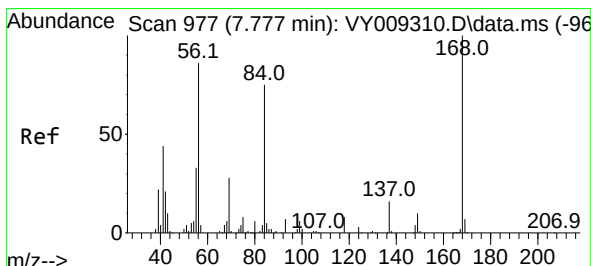
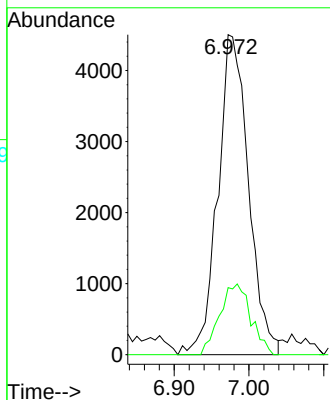
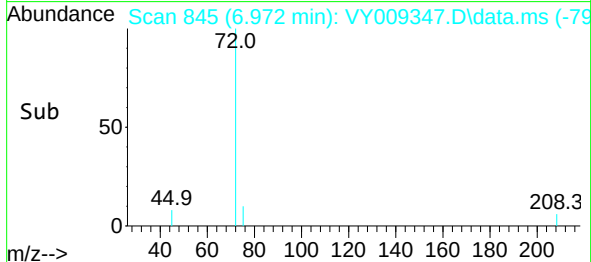
Instrument :
MSVOA_Y
ClientSampleId :
B2203-28



Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
72 20.9 21.5 32.3

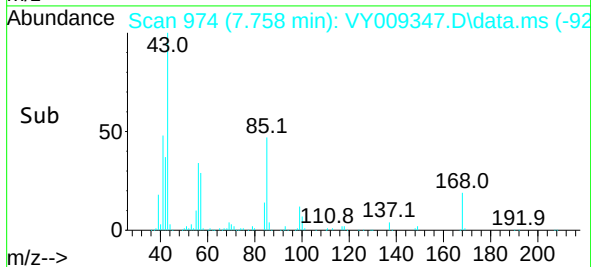
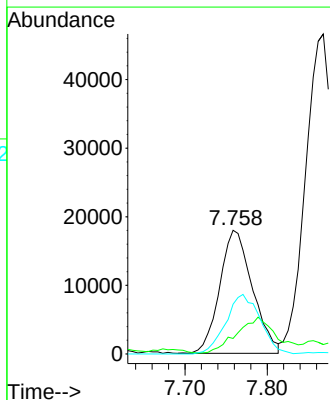
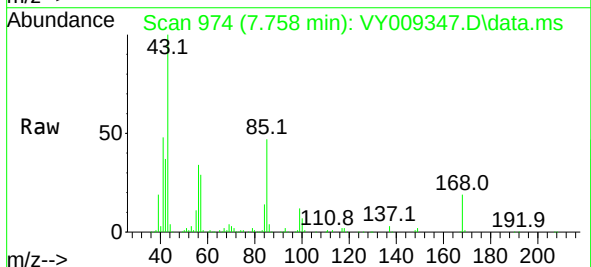
Manual Integrations
APPROVED

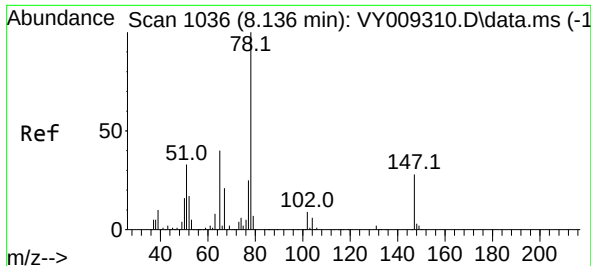
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#31
Cyclohexane
Concen: 25.910 ug/l
RT: 7.758 min Scan# 974
Delta R.T. -0.018 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54

Tgt Ion: 56 Resp: 49687
Ion Ratio Lower Upper
56 100
69 9.4 26.0 39.0#
84 40.4 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 52.755 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009347.D

Acq: 27 Jun 2022 16:54

Instrument :

MSVOA_Y

ClientSampleId :

B2203-28

Tgt Ion: 65 Resp: 41935

Ion Ratio Lower Upper

65 100

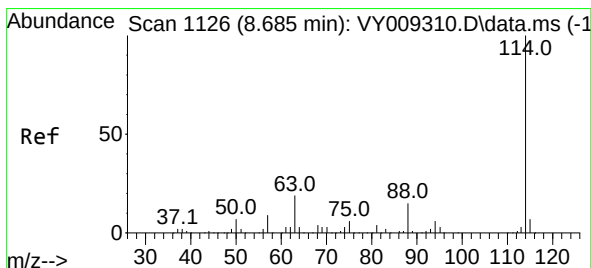
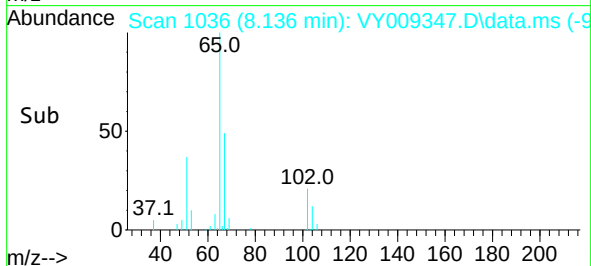
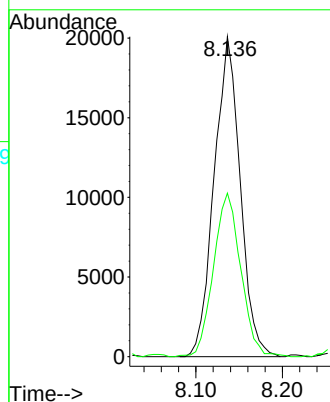
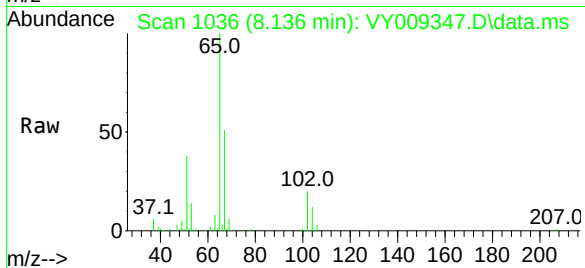
67 53.5 0.0 108.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022

Supervised By :Mahesh Dadoda 06/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009347.D

Acq: 27 Jun 2022 16:54

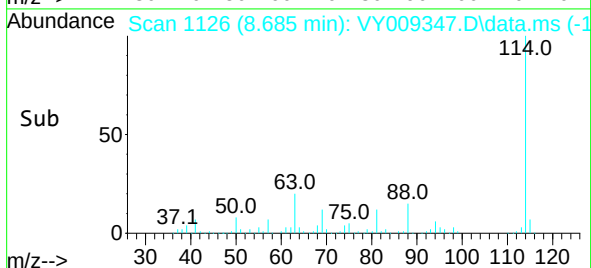
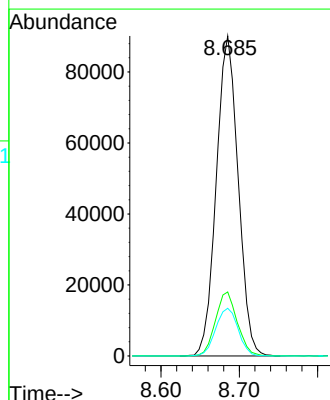
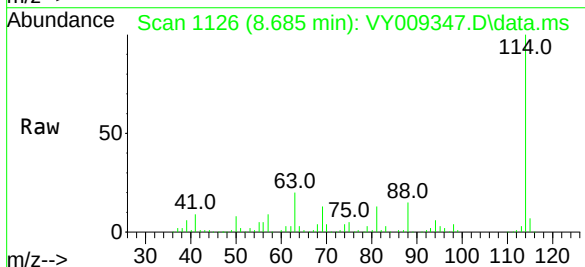
Tgt Ion:114 Resp: 174877

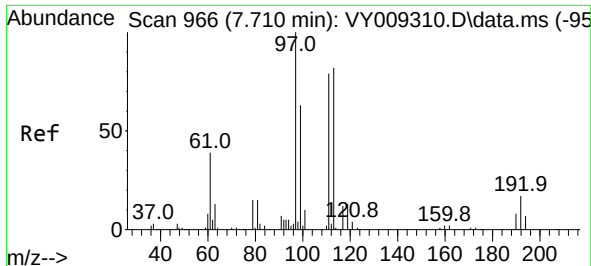
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

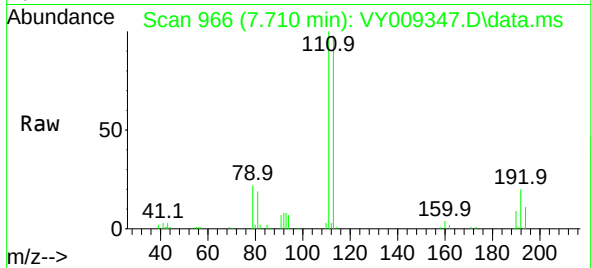
88 14.9 0.0 30.0





#35
Dibromofluoromethane
Concen: 46.114 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54

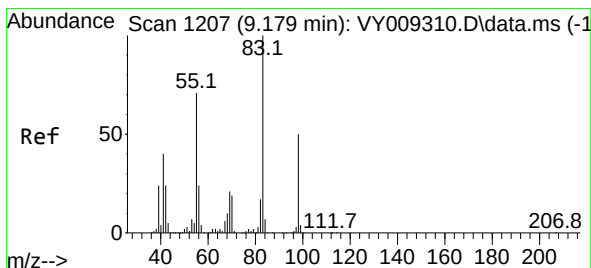
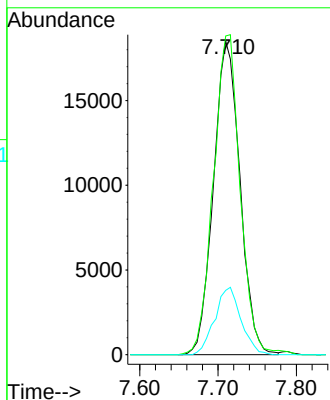
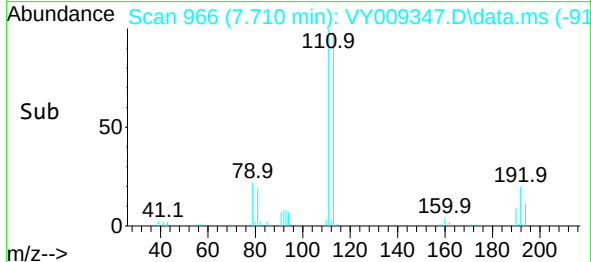
Instrument :
MSVOA_Y
ClientSampleId :
B2203-28



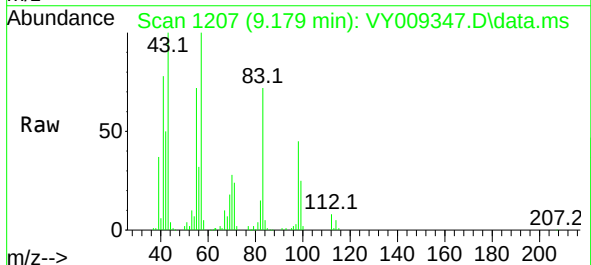
Tgt Ion: 113 Resp: 43528
Ion Ratio Lower Upper
113 100
111 102.9 80.6 120.8
192 21.2 16.2 24.4

Manual Integrations
APPROVED

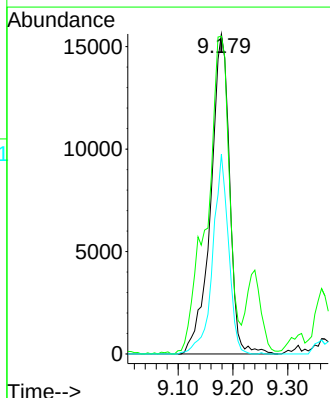
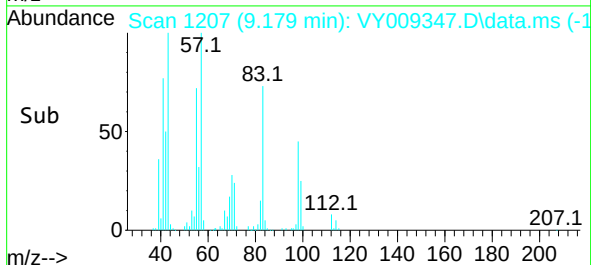
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

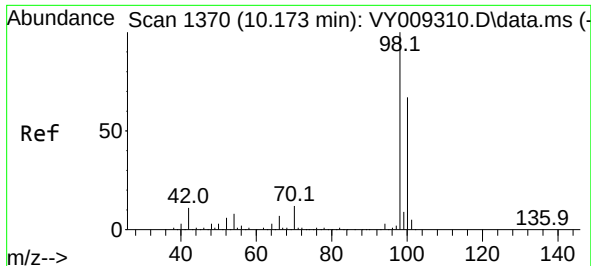


#39
Methylcyclohexane
Concen: 18.946 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54



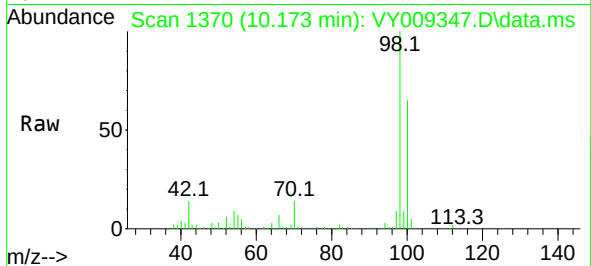
Tgt Ion: 83 Resp: 37397
Ion Ratio Lower Upper
83 100
55 98.4 56.7 85.1#
98 62.4 39.9 59.9#





#50
Toluene-d8
Concen: 50.713 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54

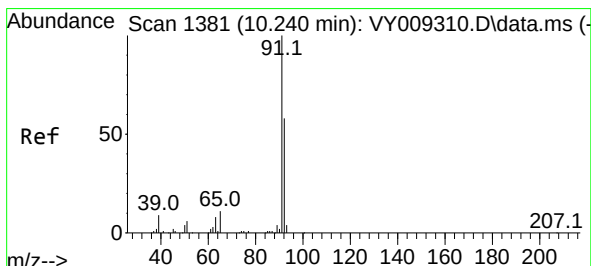
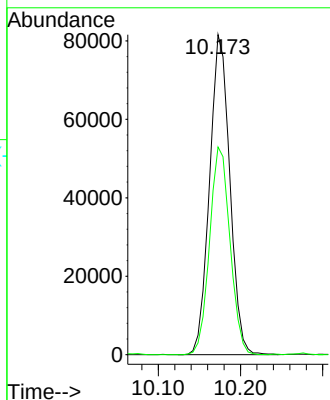
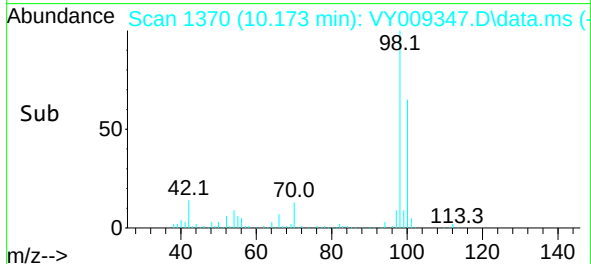
Instrument :
MSVOA_Y
ClientSampleId :
B2203-28



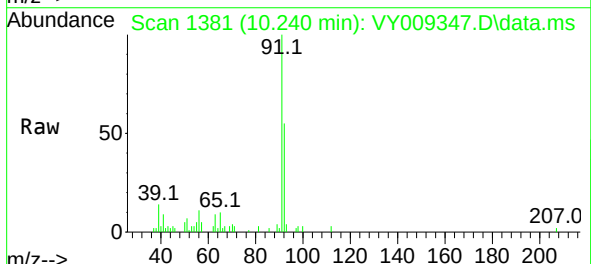
Tgt Ion: 98 Resp: 13959
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3

Manual Integrations
APPROVED

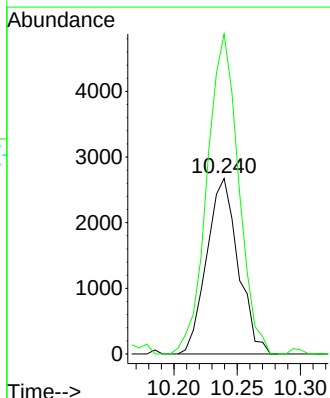
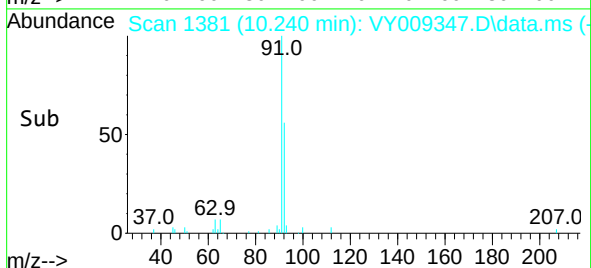
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

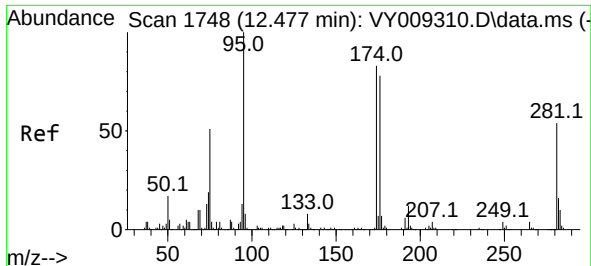


#52
Toluene
Concen: 1.603 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54



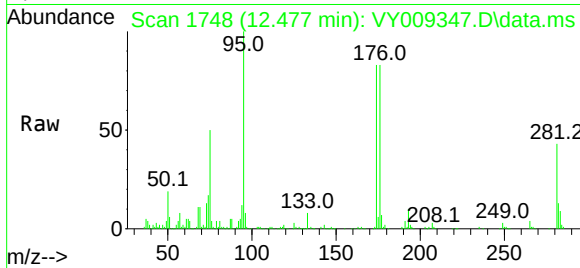
Tgt Ion: 92 Resp: 4629
Ion Ratio Lower Upper
92 100
91 182.2 138.7 208.1





#62
4-Bromofluorobenzene
Concen: 50.674 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54

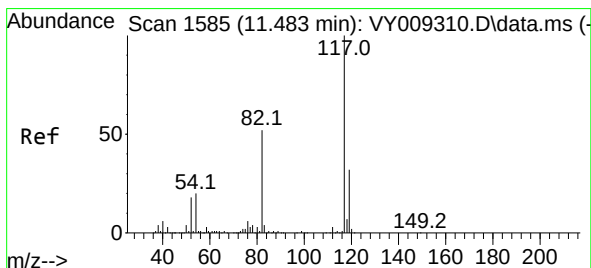
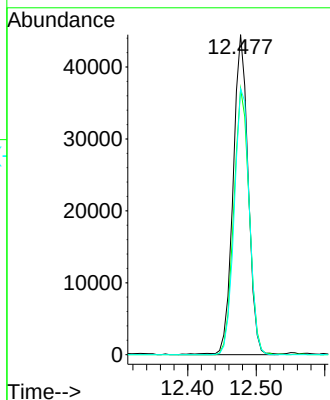
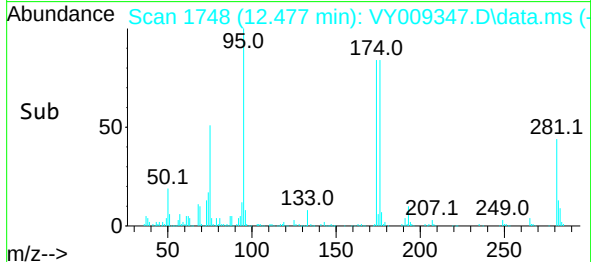
Instrument :
MSVOA_Y
ClientSampleId :
B2203-28



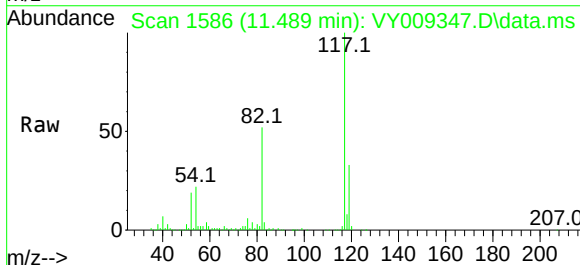
Tgt Ion: 95 Resp: 6812
Ion Ratio Lower Upper
95 100
174 84.5 0.0 173.8
176 83.2 0.0 167.0

Manual Integrations
APPROVED

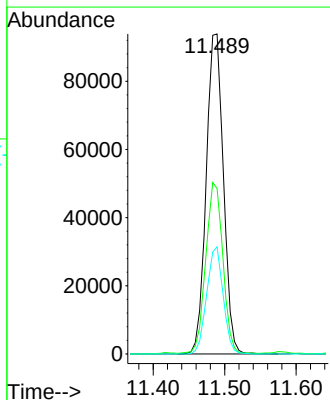
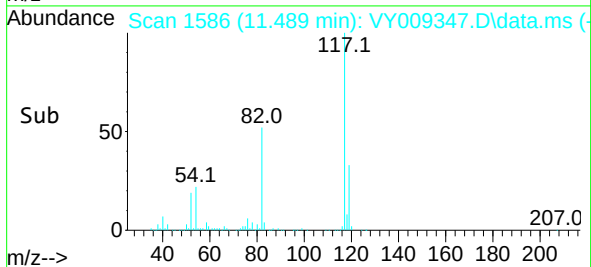
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

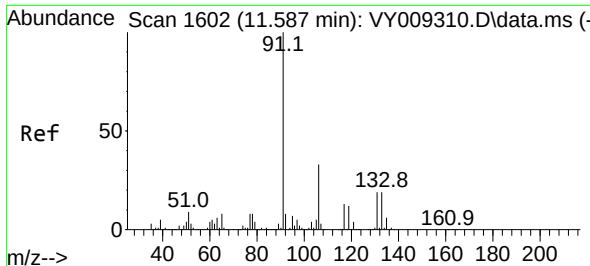


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54



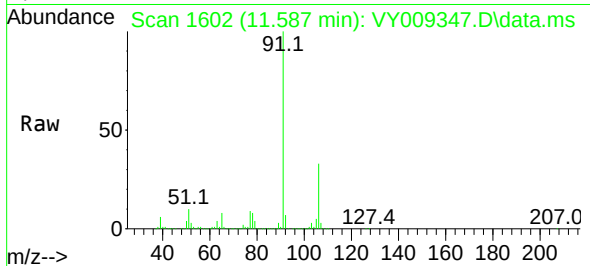
Tgt Ion:117 Resp: 156814
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.6
119 33.5 25.6 38.4





#67
Ethyl Benzene
Concen: 63.009 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54

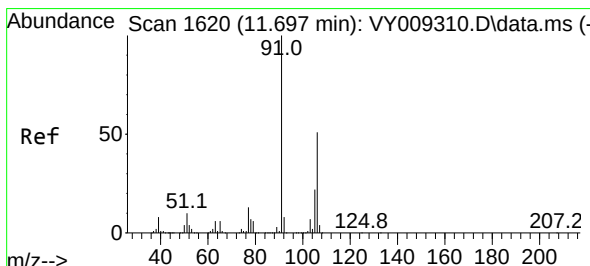
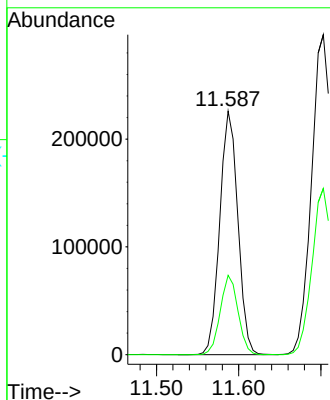
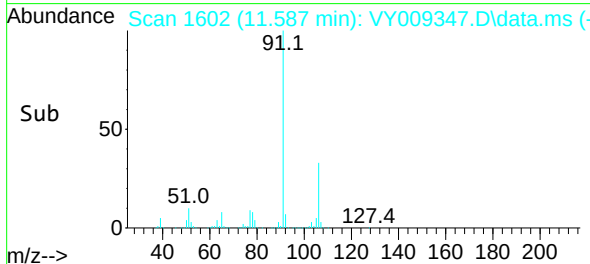
Instrument :
MSVOA_Y
ClientSampleId :
B2203-28



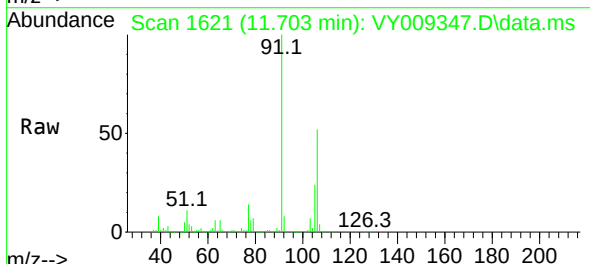
Tgt Ion: 91 Resp: 346159
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.4

Manual Integrations
APPROVED

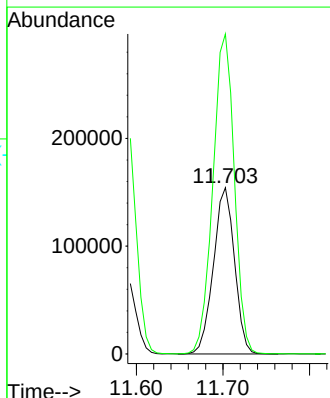
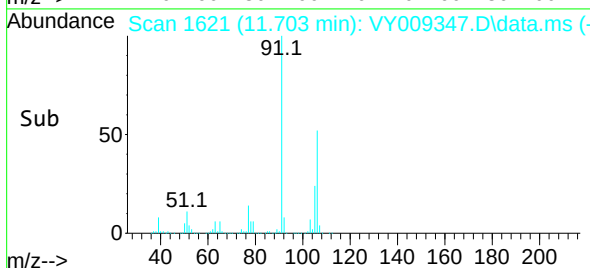
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

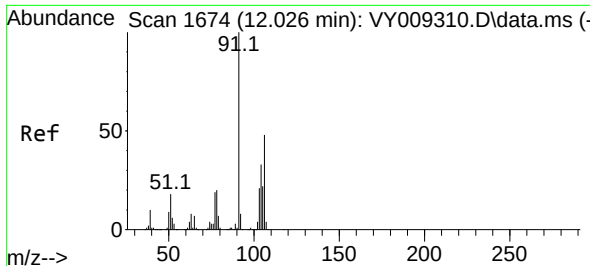


#68
m/p-Xylenes
Concen: 120.815 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54



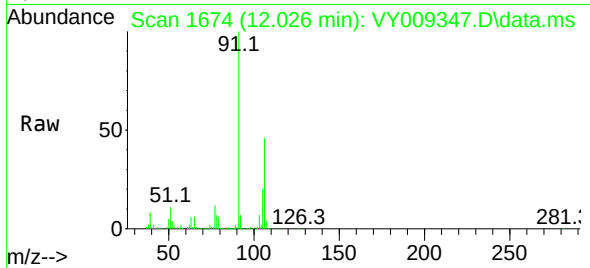
Tgt Ion:106 Resp: 260767
Ion Ratio Lower Upper
106 100
91 195.7 156.2 234.2





#69
o-Xylene
Concen: 43.142 ug/l
RT: 12.026 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54

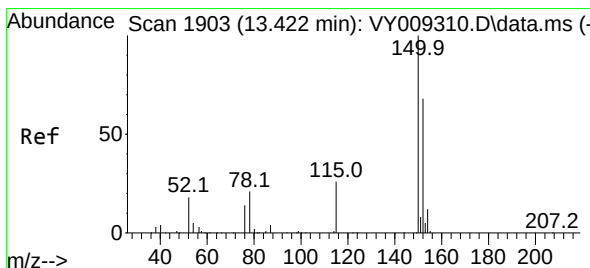
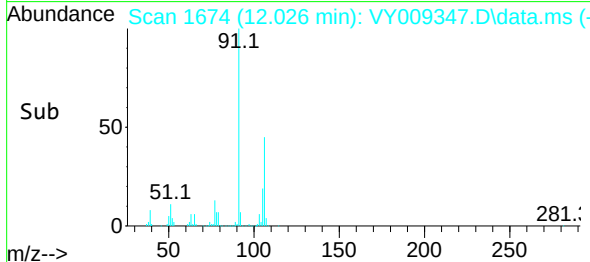
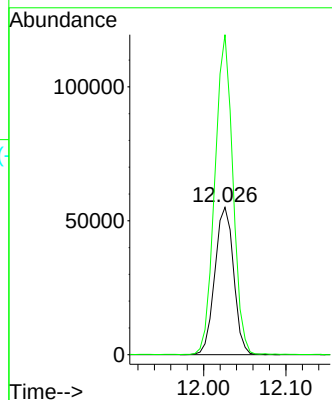
Instrument :
MSVOA_Y
ClientSampleId :
B2203-28



Tgt Ion:106 Resp: 87380
Ion Ratio Lower Upper
106 100
91 208.6 103.2 309.4

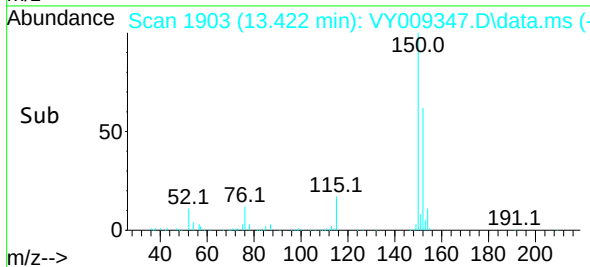
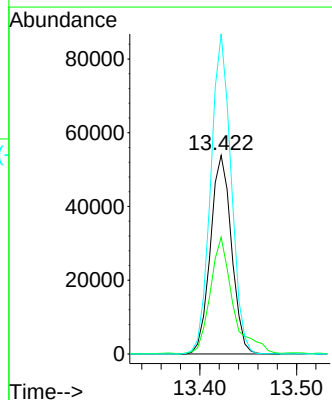
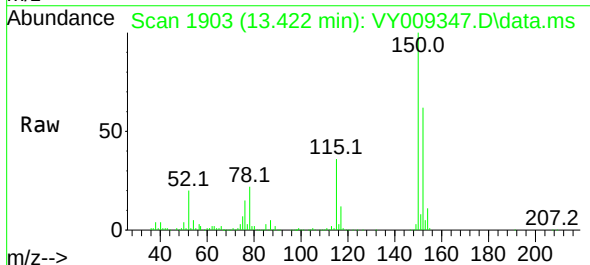
Manual Integrations
APPROVED

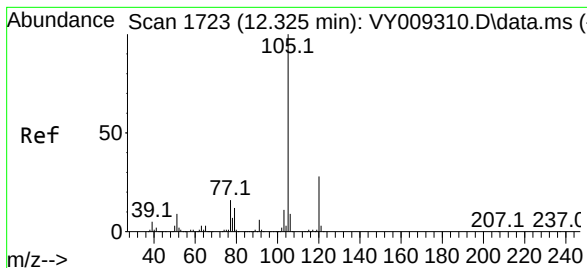
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54

Tgt Ion:152 Resp: 81574
Ion Ratio Lower Upper
152 100
115 63.5 28.6 85.9
150 156.1 0.0 349.8





#73

Isopropylbenzene

Concen: 5.284 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VY009347.D

Acq: 27 Jun 2022 16:54

Instrument :

MSVOA_Y

ClientSampleId :

B2203-28

Tgt Ion:105 Resp: 2971

Ion Ratio Lower Upper

105 100

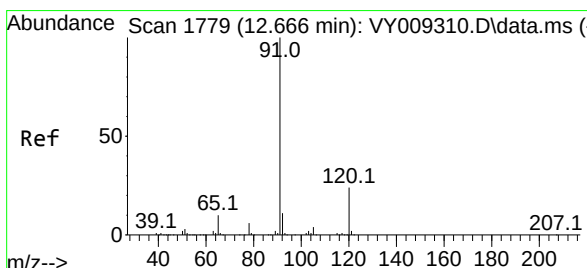
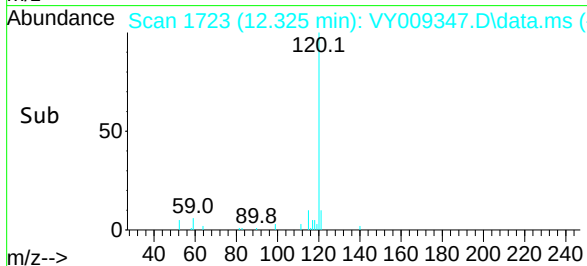
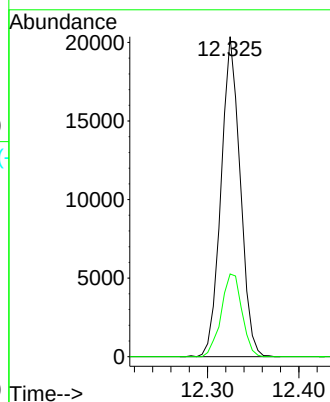
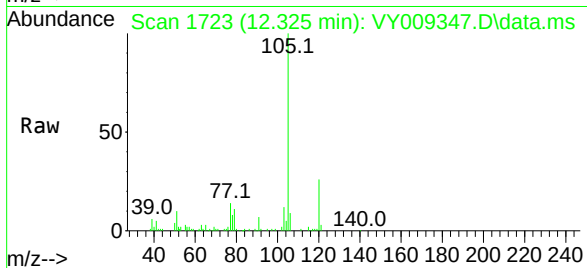
120 27.9 13.7 41.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022

Supervised By :Mahesh Dadoda 06/30/2022



#78

n-propylbenzene

Concen: 18.676 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009347.D

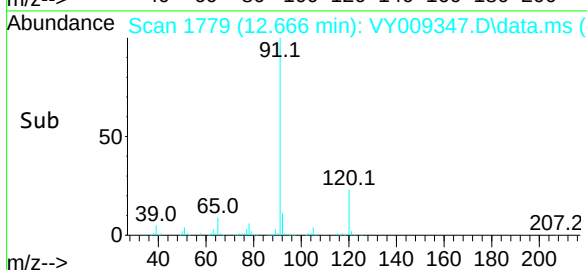
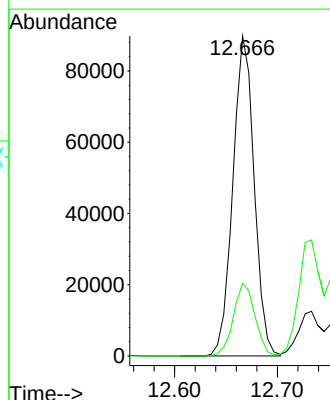
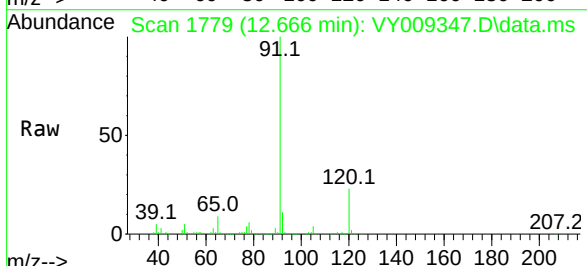
Acq: 27 Jun 2022 16:54

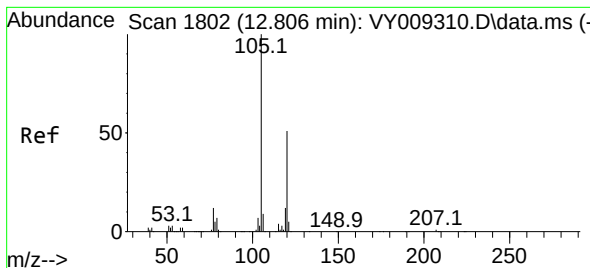
Tgt Ion: 91 Resp: 129540

Ion Ratio Lower Upper

91 100

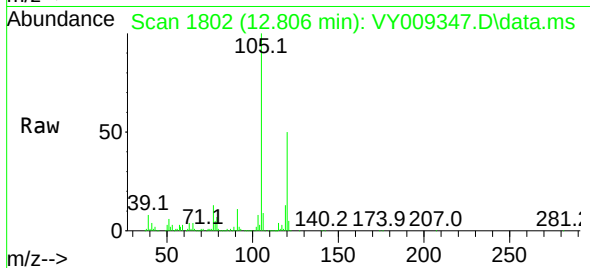
120 22.9 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 50.279 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54

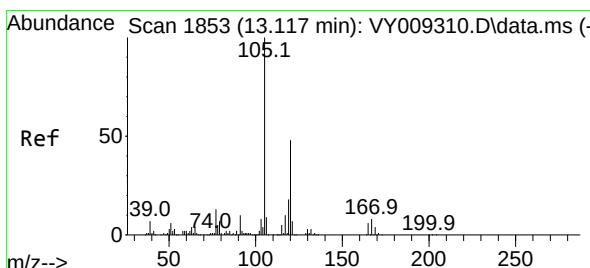
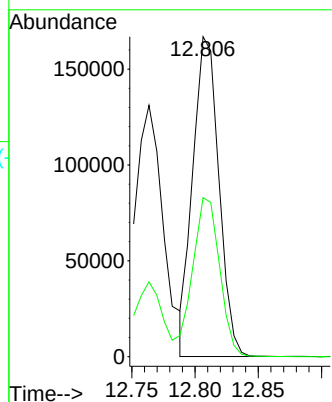
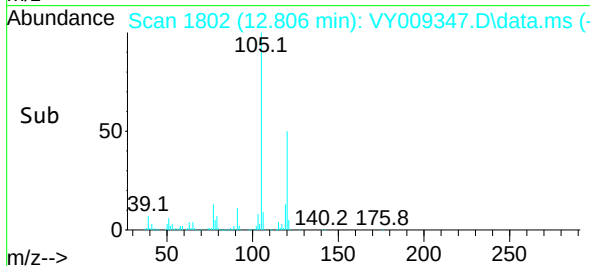
Instrument :
MSVOA_Y
ClientSampleId :
B2203-28



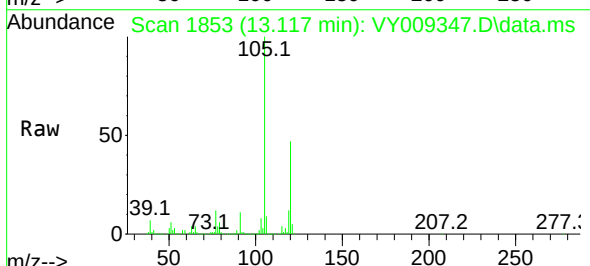
Tgt Ion:105 Resp: 238194
Ion Ratio Lower Upper
105 100
120 52.2 25.3 75.8

Manual Integrations
APPROVED

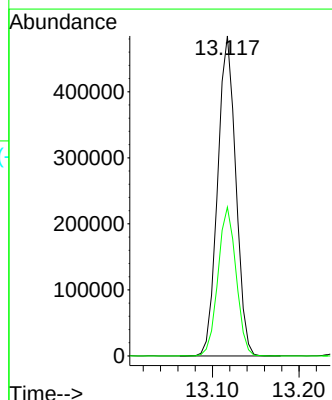
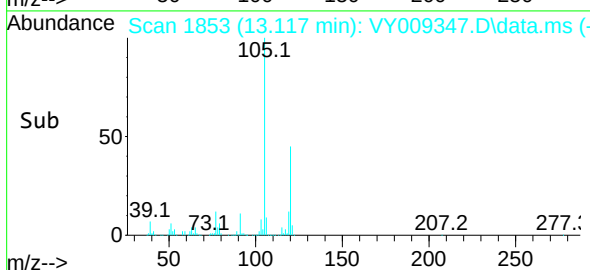
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

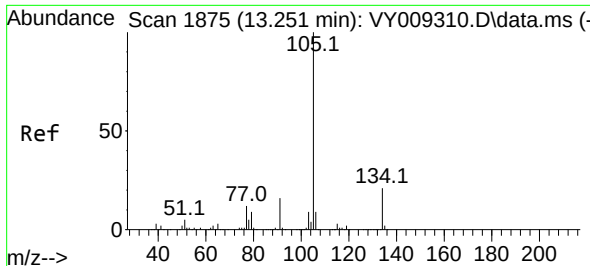


#84
1,2,4-Trimethylbenzene
Concen: 151.083 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009347.D
Acq: 27 Jun 2022 16:54



Tgt Ion:105 Resp: 705698
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.3





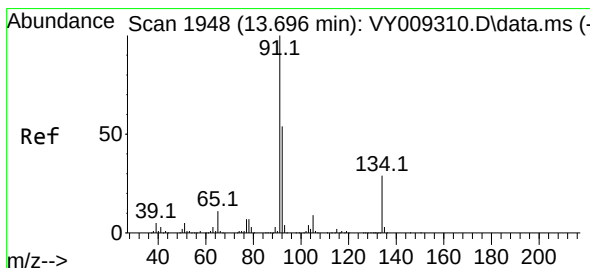
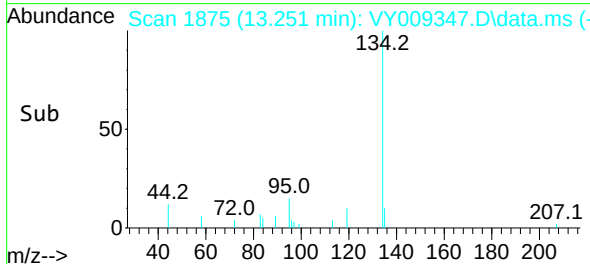
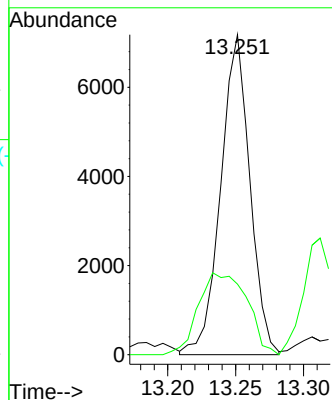
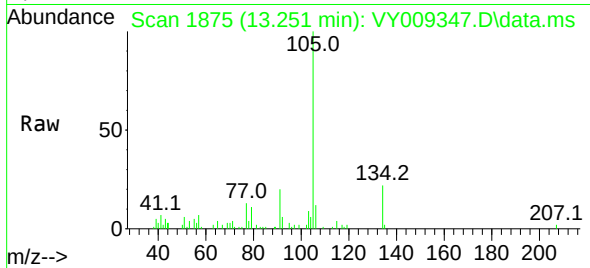
#85
 sec-Butylbenzene
 Concen: 1.750 ug/l m
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009347.D
 Acq: 27 Jun 2022 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2203-28

Tgt Ion:105 Resp: 10754
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#89
 n-Butylbenzene
 Concen: 3.848 ug/l
 RT: 13.690 min Scan# 1947
 Delta R.T. -0.006 min
 Lab File: VY009347.D
 Acq: 27 Jun 2022 16:54

Tgt Ion: 91 Resp: 18347
 Ion Ratio Lower Upper
 91 100
 92 73.7 26.9 80.7
 134 0.0 14.0 41.9

