

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015203.D
 Acq On : 18 Aug 2023 18:10
 Operator : SY/MD
 Sample : 04086-15
 Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP18A

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

Quant Time: Aug 18 23:14:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	139892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87602	52.167	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.340%			
35) Dibromofluoromethane	7.710	113	75266	48.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.160%			
50) Toluene-d8	10.179	98	291399	50.001	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.000%			
62) 4-Bromofluorobenzene	12.483	95	114539	53.809	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.620%			
Target Compounds					Qvalue	
20) Methylene Chloride	4.704	84	26116	17.004	ug/l	88
39) Methylcyclohexane	9.179	83	4205	2.166	ug/l	97
40) Benzene	8.155	78	11023	2.105	ug/l	99
52) Toluene	10.240	92	563431	163.246	ug/l	95
67) Ethyl Benzene	11.593	91	83884	11.002	ug/l	97
68) m/p-Xylenes	11.697	106	76565	26.440	ug/l	96
69) o-Xylene	12.026	106	33472	11.603	ug/l	100
73) Isopropylbenzene	12.325	105	8459	1.078	ug/l	99
78) n-propylbenzene	12.672	91	27459	2.946	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	29594	4.523	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	126761	19.389	ug/l	97

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

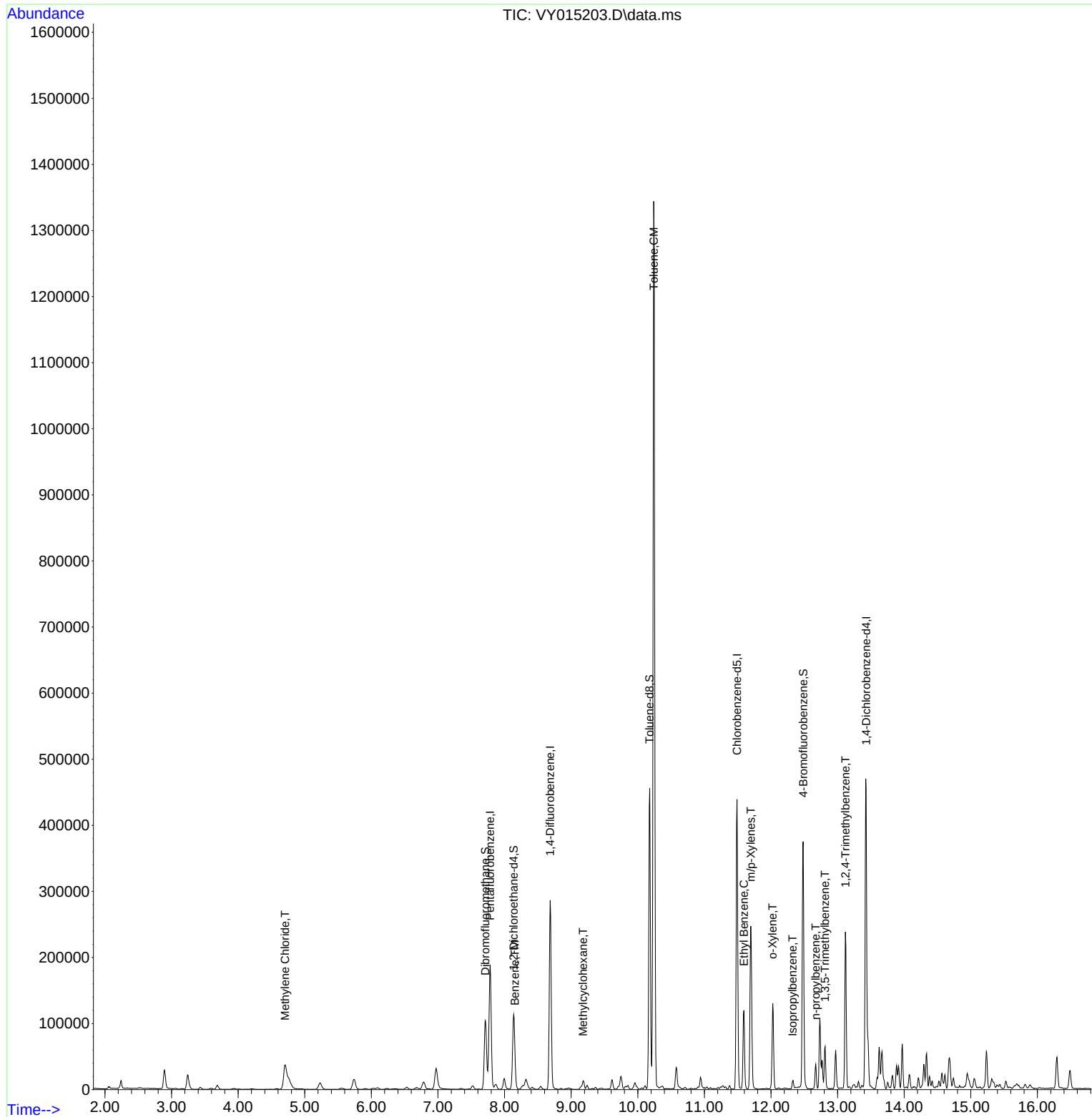
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015203.D
Acq On : 18 Aug 2023 18:10
Operator : SY/MD
Sample : 04086-15
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

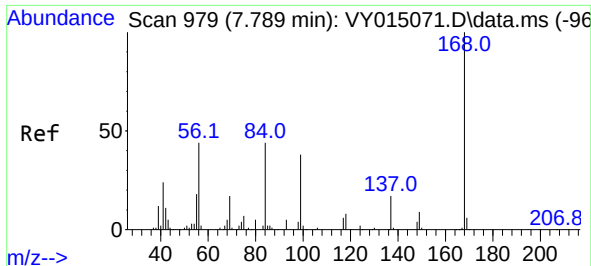
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

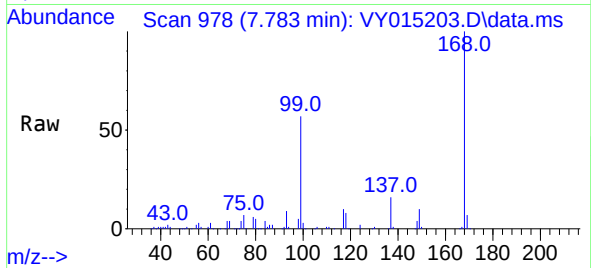
Quant Time: Aug 18 23:14:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

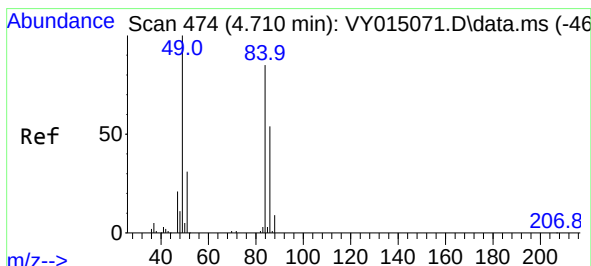
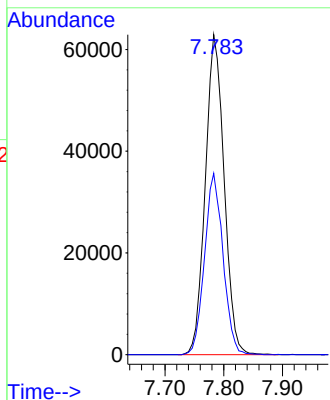
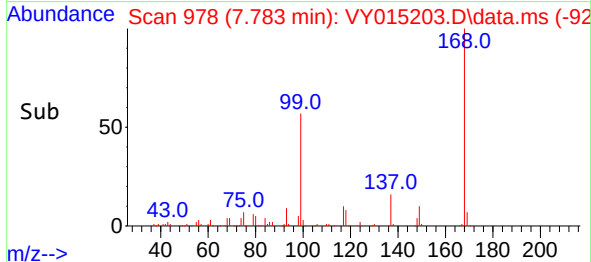
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A



Tgt Ion:168 Resp: 139892
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0

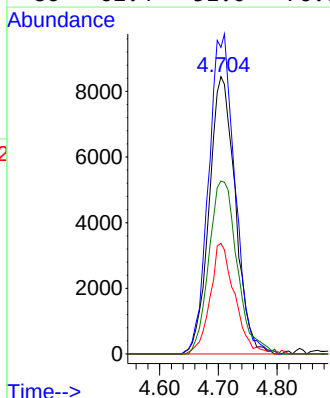
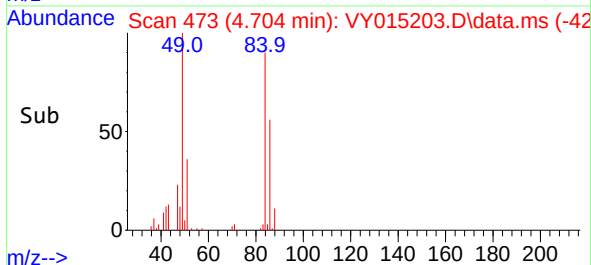
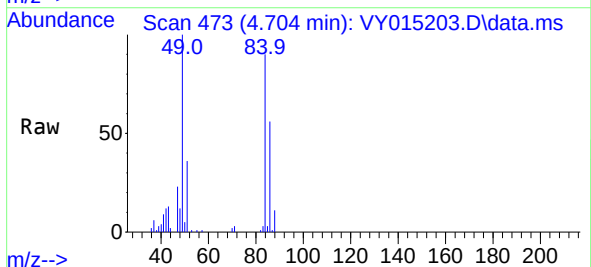
Manual Integrations
APPROVED

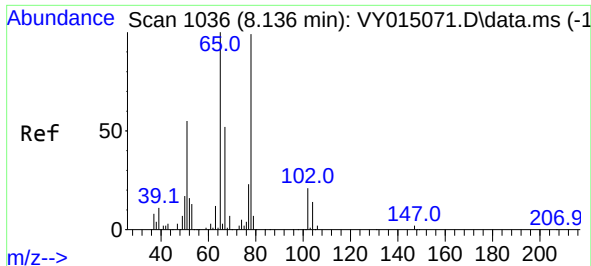
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#20
Methylene Chloride
Concen: 17.004 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

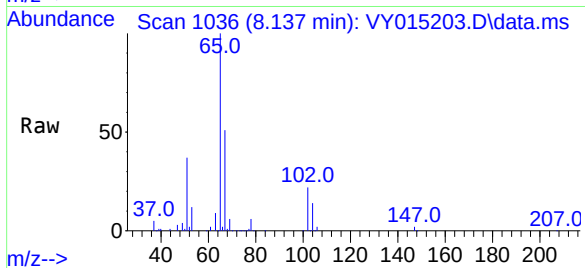
Tgt Ion: 84 Resp: 26116
Ion Ratio Lower Upper
84 100
49 110.6 106.9 160.3
51 39.9 33.2 49.8
86 62.4 51.0 76.6





#33
1,2-Dichloroethane-d4
Concen: 52.167 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

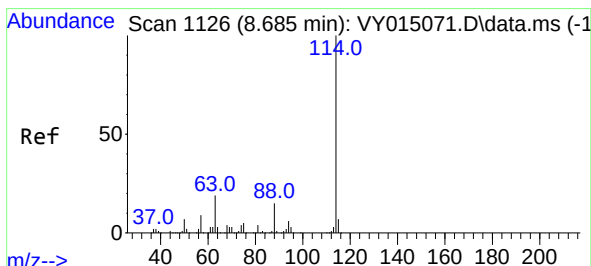
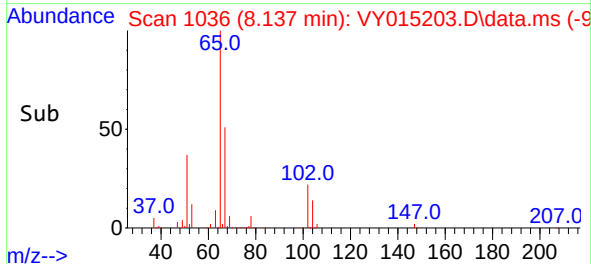
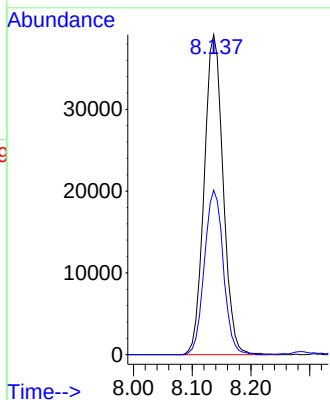
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A



Tgt Ion: 65 Resp: 87602
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

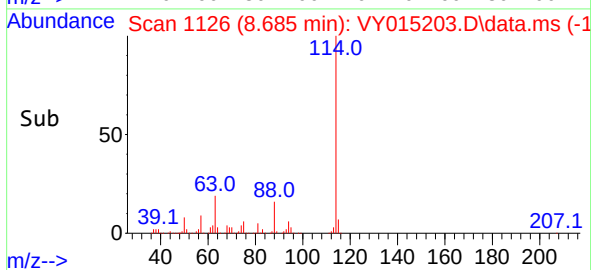
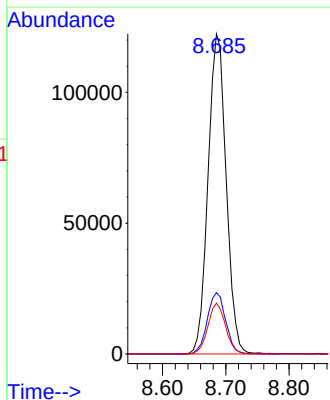
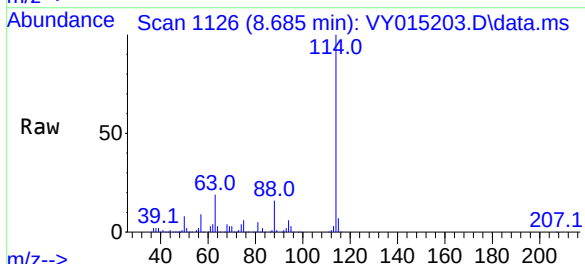
Manual Integrations
APPROVED

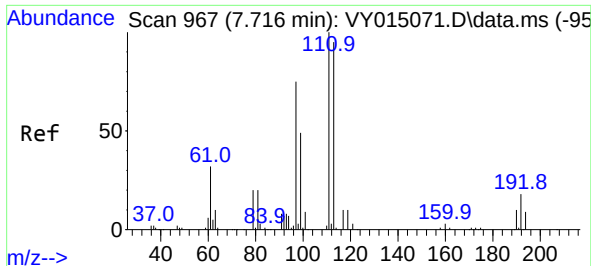
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

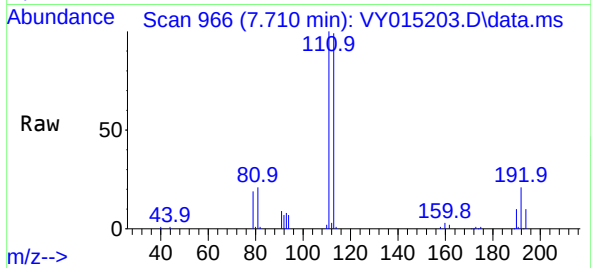
Tgt Ion:114 Resp: 243351
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 15.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.076 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

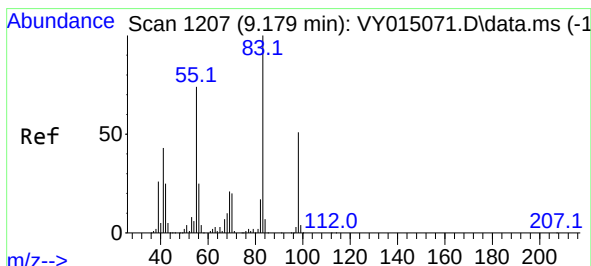
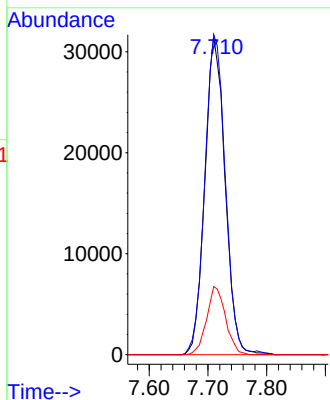
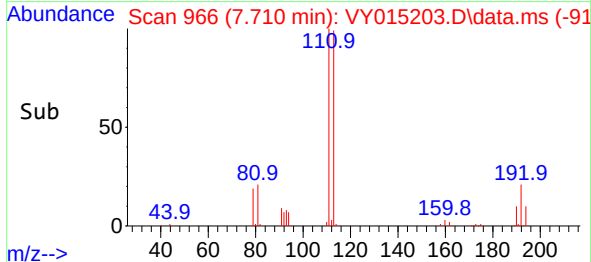
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A



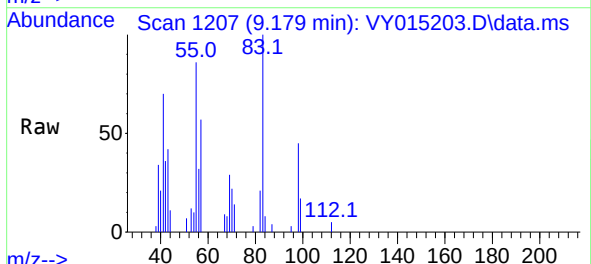
Tgt Ion: 113 Resp: 75260
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.1 16.9 25.3

Manual Integrations
APPROVED

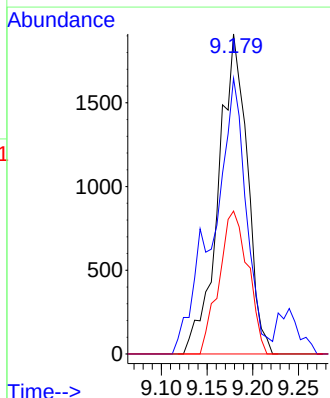
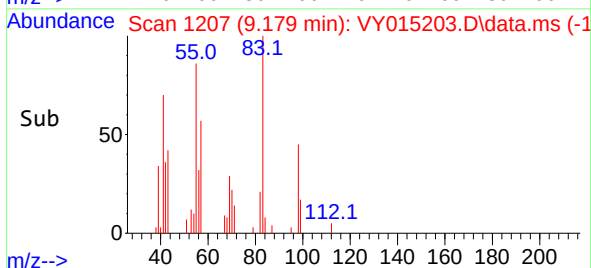
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

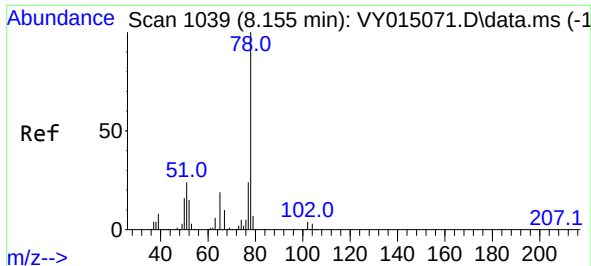


#39
Methylcyclohexane
Concen: 2.166 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10



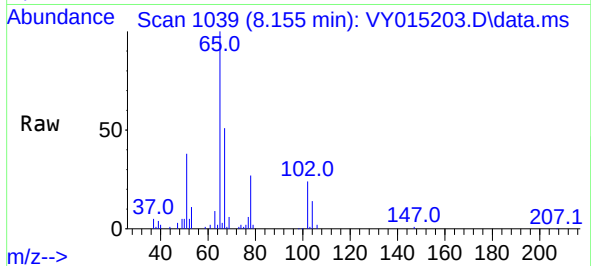
Tgt Ion: 83 Resp: 4205
Ion Ratio Lower Upper
83 100
55 81.5 63.0 94.4
98 44.6 37.4 56.2





#40
Benzene
Concen: 2.105 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

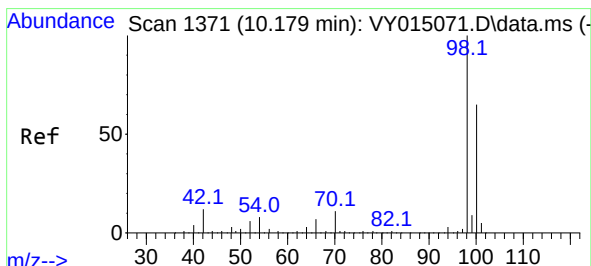
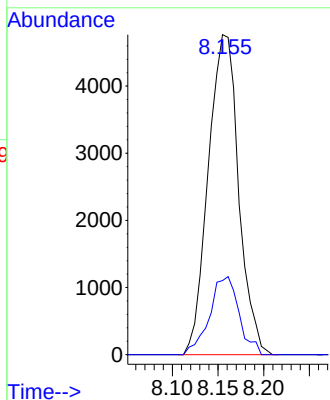
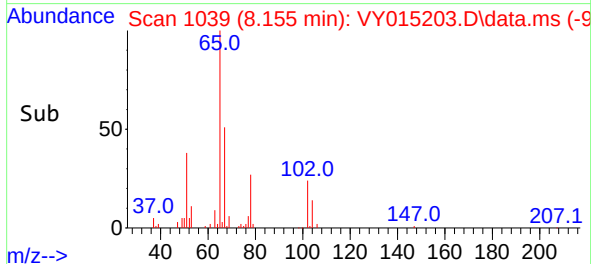
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A



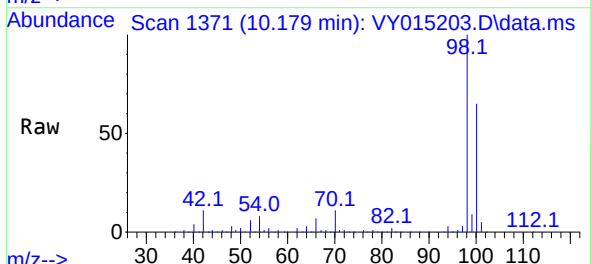
Tgt Ion: 78 Resp: 1102
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

Manual Integrations
APPROVED

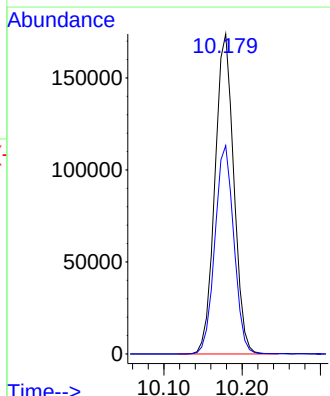
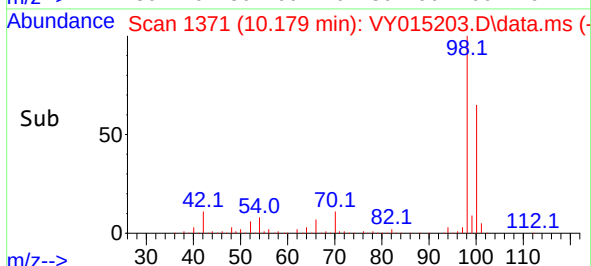
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

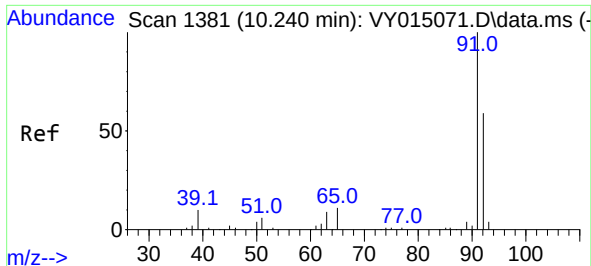


#50
Toluene-d8
Concen: 50.001 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10



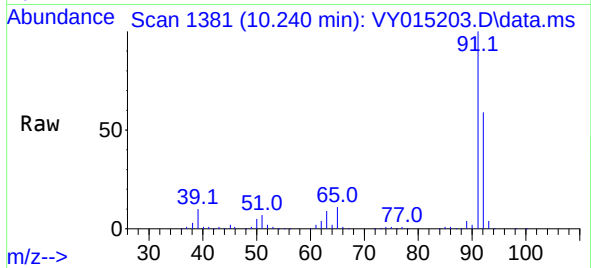
Tgt Ion: 98 Resp: 291399
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1





#52
Toluene
Concen: 163.246 ug/l
RT: 10.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

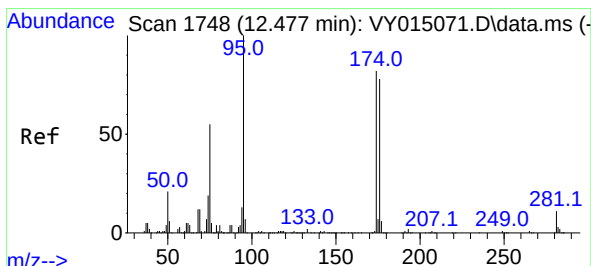
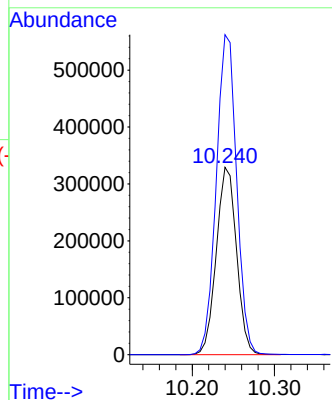
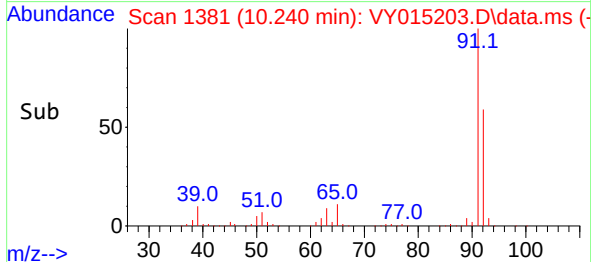
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A



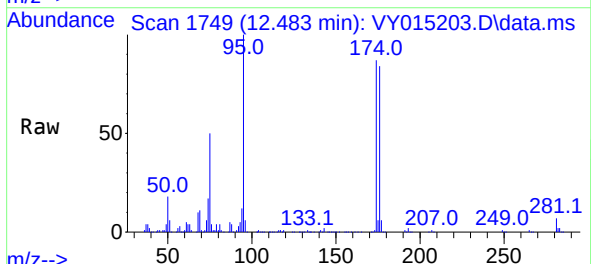
Tgt Ion: 92 Resp: 56343
Ion Ratio Lower Upper
92 100
91 172.3 143.8 215.6

Manual Integrations
APPROVED

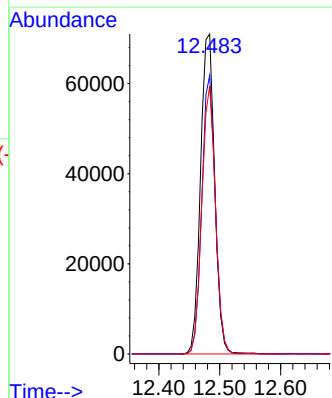
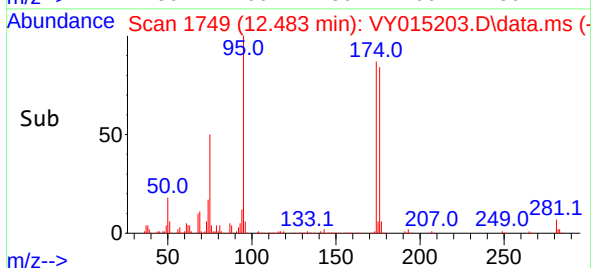
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

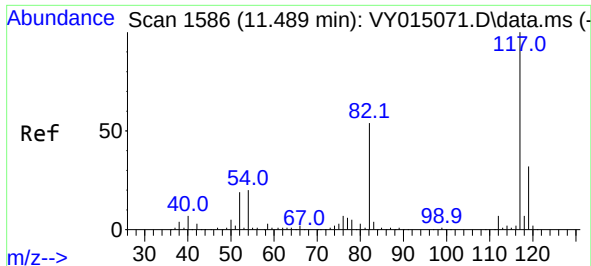


#62
4-Bromofluorobenzene
Concen: 53.809 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10



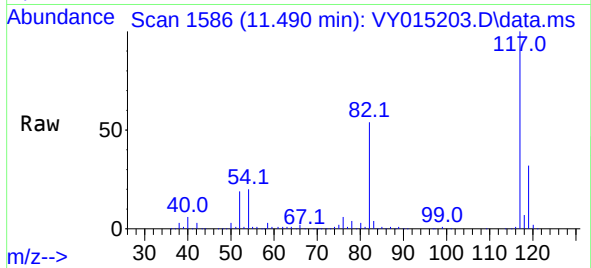
Tgt Ion: 95 Resp: 114539
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 80.8 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

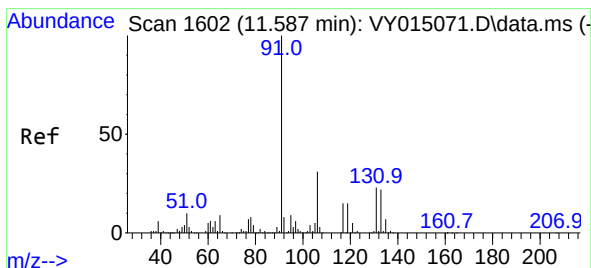
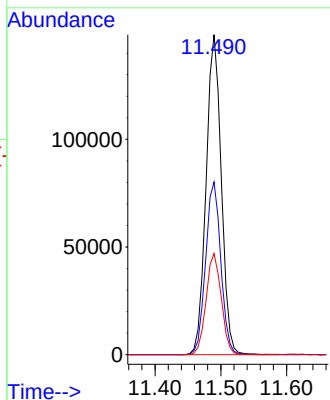
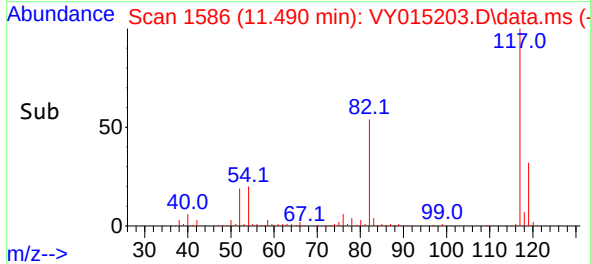
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A



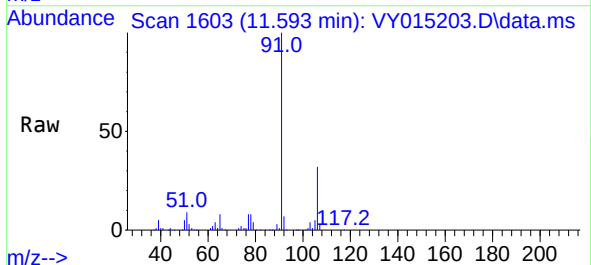
Tgt Ion:117 Resp: 238840
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.6 26.3 39.5

Manual Integrations
APPROVED

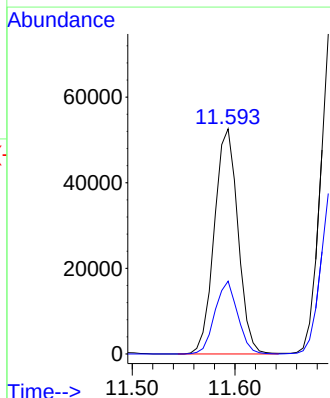
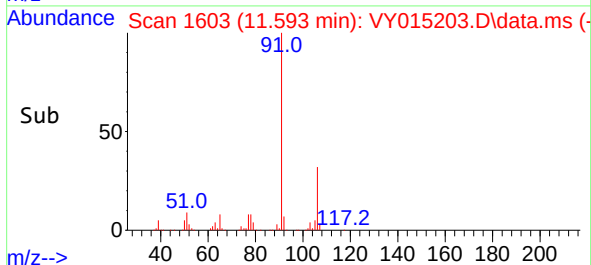
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

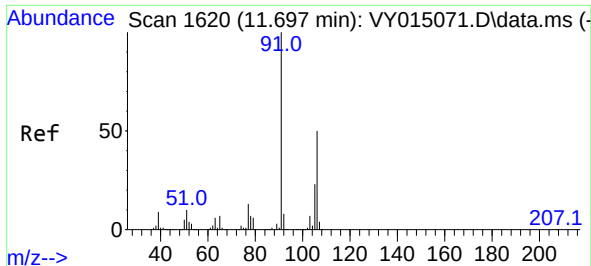


#67
Ethyl Benzene
Concen: 11.002 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10



Tgt Ion: 91 Resp: 83884
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8





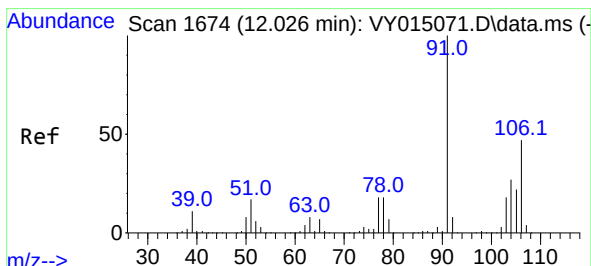
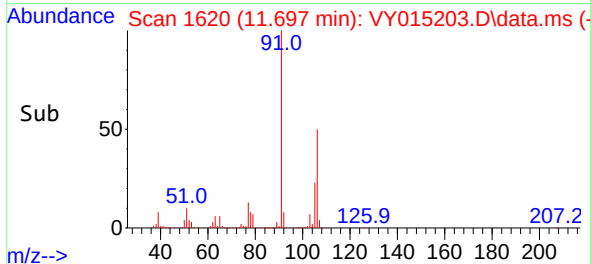
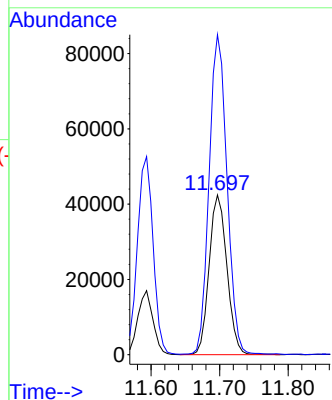
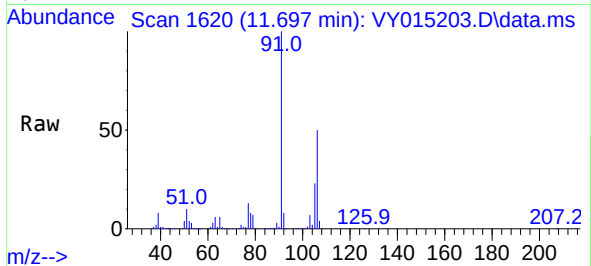
#68
m/p-Xylenes
Concen: 26.440 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

Tgt Ion:106 Resp: 7656
Ion Ratio Lower Upper
106 100
91 200.8 166.1 249.1

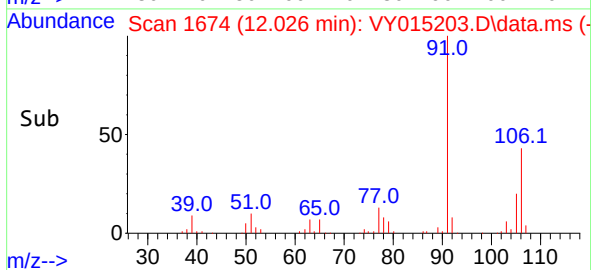
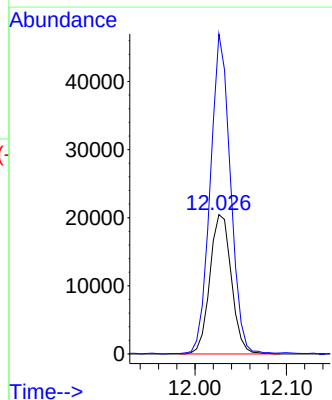
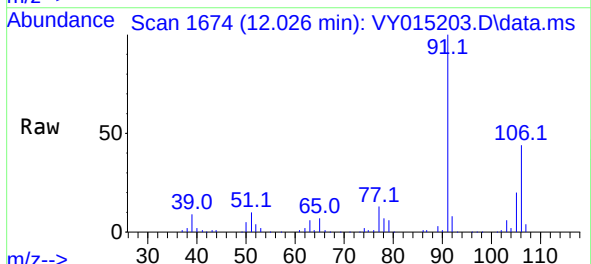
Manual Integrations
APPROVED

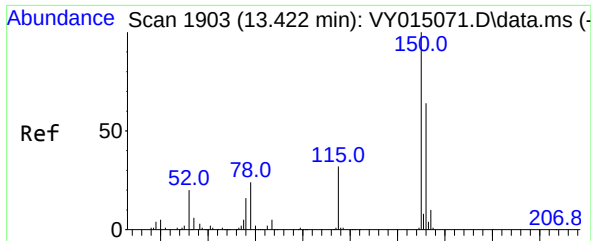
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#69
o-Xylene
Concen: 11.603 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

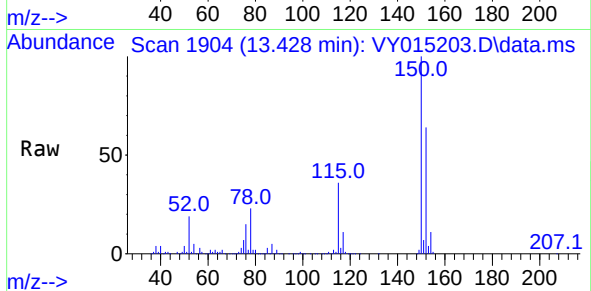
Tgt Ion:106 Resp: 33472
Ion Ratio Lower Upper
106 100
91 216.0 108.1 324.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

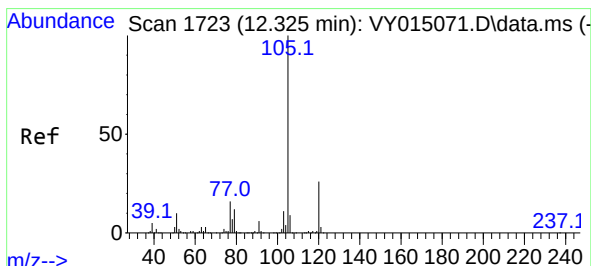
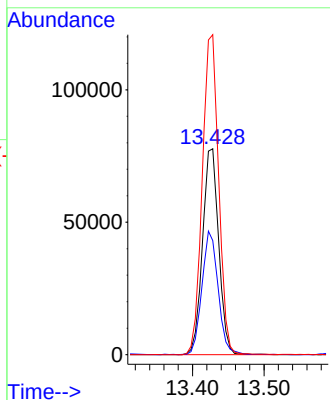
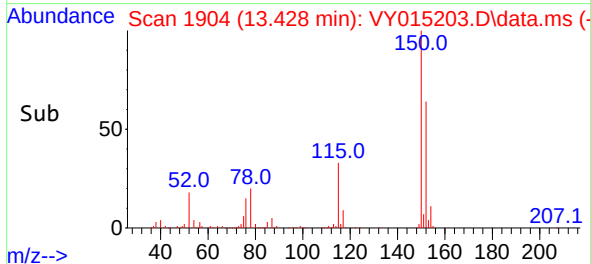
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A



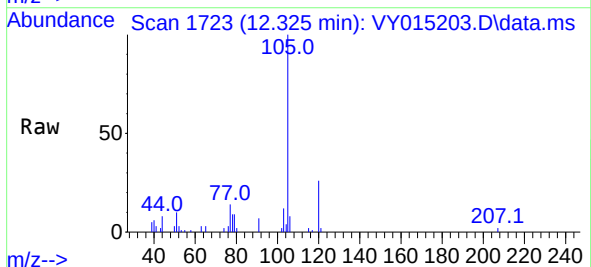
Tgt Ion:152 Resp: 122062
Ion Ratio Lower Upper
152 100
115 60.1 28.8 86.5
150 157.4 0.0 348.8

Manual Integrations
APPROVED

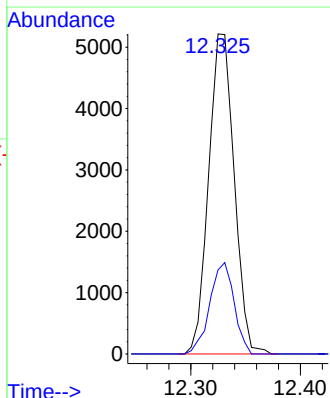
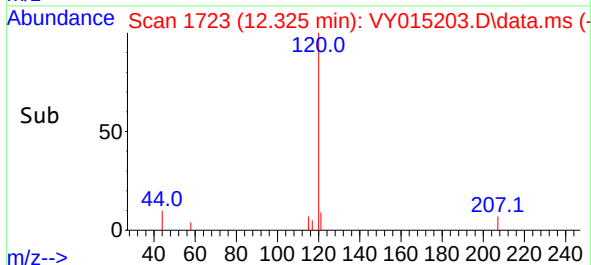
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

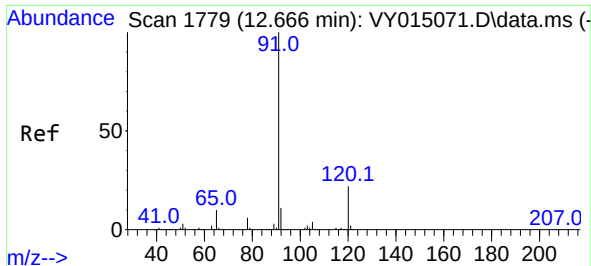


#73
Isopropylbenzene
Concen: 1.078 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10



Tgt Ion:105 Resp: 8459
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9





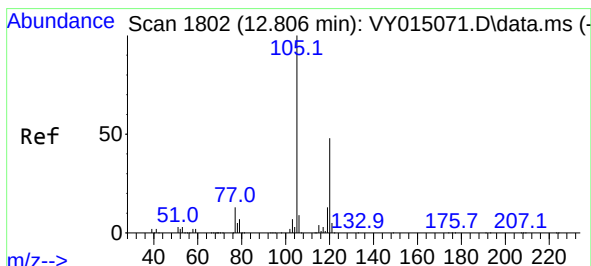
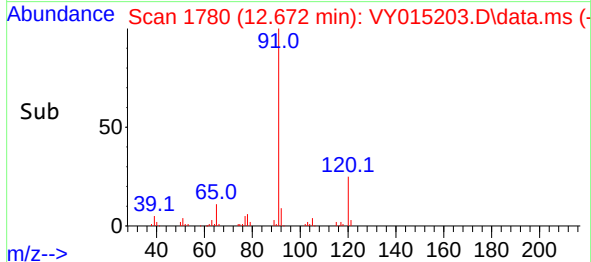
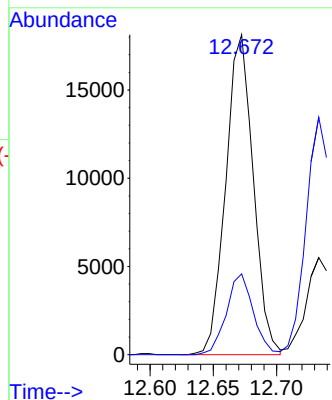
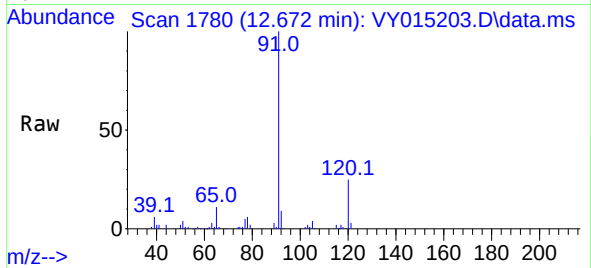
#78
n-propylbenzene
Concen: 2.946 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18A

Tgt Ion: 91 Resp: 27459
Ion Ratio Lower Upper
91 100
120 24.7 11.5 34.4

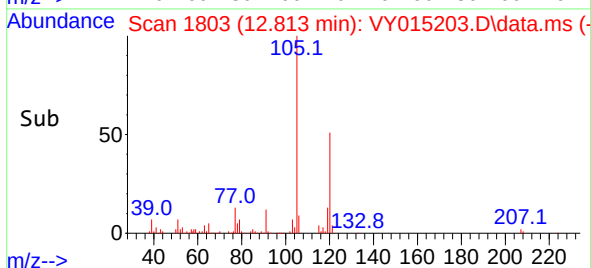
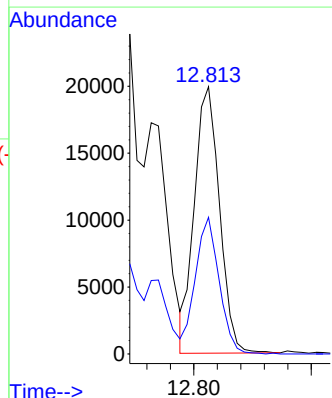
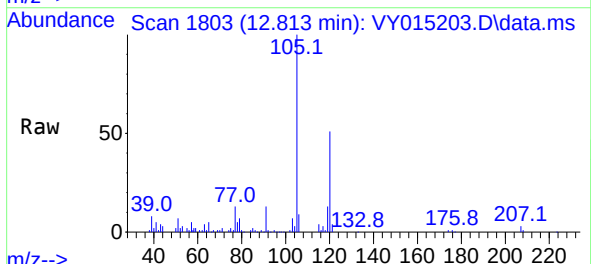
Manual Integrations
APPROVED

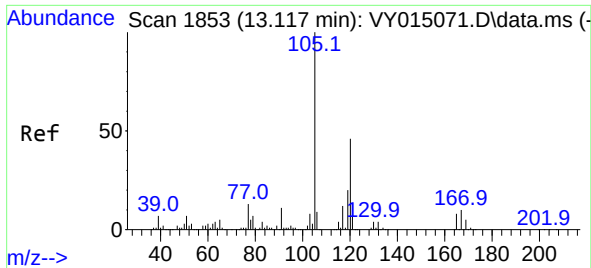
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.523 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015203.D
Acq: 18 Aug 2023 18:10

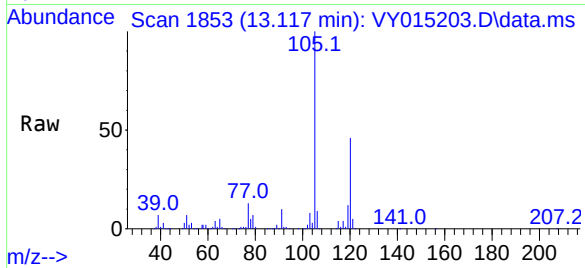
Tgt Ion:105 Resp: 29594
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7





#84
 1,2,4-Trimethylbenzene
 Concen: 19.389 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY015203.D
 Acq: 18 Aug 2023 18:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP18A



Tgt Ion:105 Resp: 126763
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.2 66.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

