

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014658.D
 Acq On : 14 Jul 2023 19:26
 Operator : SY/MD
 Sample : 03632-07
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-(9-11)

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2023
 Supervised By :Semsettin Yesilyurt 07/17/2023

Quant Time: Jul 14 23:16:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	140223	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.697	114	321023	50.000	ug/l	# 0.01
63) Chlorobenzene-d5	11.495	117	291996	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	252777	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87889	55.003	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.000%			
35) Dibromofluoromethane	7.716	113	104399	51.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.180%			
50) Toluene-d8	10.197	98	1382753	183.531	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery = 367.060%#			
62) 4-Bromofluorobenzene	12.520	95	290679	100.620	ug/l	0.04
Spiked Amount 50.000	Range 30 - 143		Recovery = 201.240%#			
Target Compounds						Qvalue
17) Carbon Disulfide	4.192	76	4025	1.018	ug/l	# 92
31) Cyclohexane	7.771	56	11635204m	4386.472	ug/l	
39) Methylcyclohexane	9.185	83	13752545	3454.127	ug/l	# 86
40) Benzene	8.173	78	599764	69.005	ug/l	95
52) Toluene	10.258	92	1344338	241.711	ug/l	99
67) Ethyl Benzene	11.599	91	21042619	1873.033	ug/l	# 70
68) m/p-Xylenes	11.709	106	14327065	3340.813	ug/l	# 72
69) o-Xylene	12.038	106	8643481	2069.290	ug/l	82
73) Isopropylbenzene	12.337	105	8809701	445.102	ug/l	97
78) n-propylbenzene	12.672	91	22436431	940.721	ug/l	# 72
80) 1,3,5-Trimethylbenzene	12.825	105	17023406	1029.872	ug/l	70
84) 1,2,4-Trimethylbenzene	13.117	105	29574485m	1823.120	ug/l	
85) sec-Butylbenzene	13.257	105	6081353	282.729	ug/l	# 51
86) p-Isopropyltoluene	13.379	119	2885872	164.327	ug/l	97
89) n-Butylbenzene	13.709	91	16418264	960.922	ug/l	# 78

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

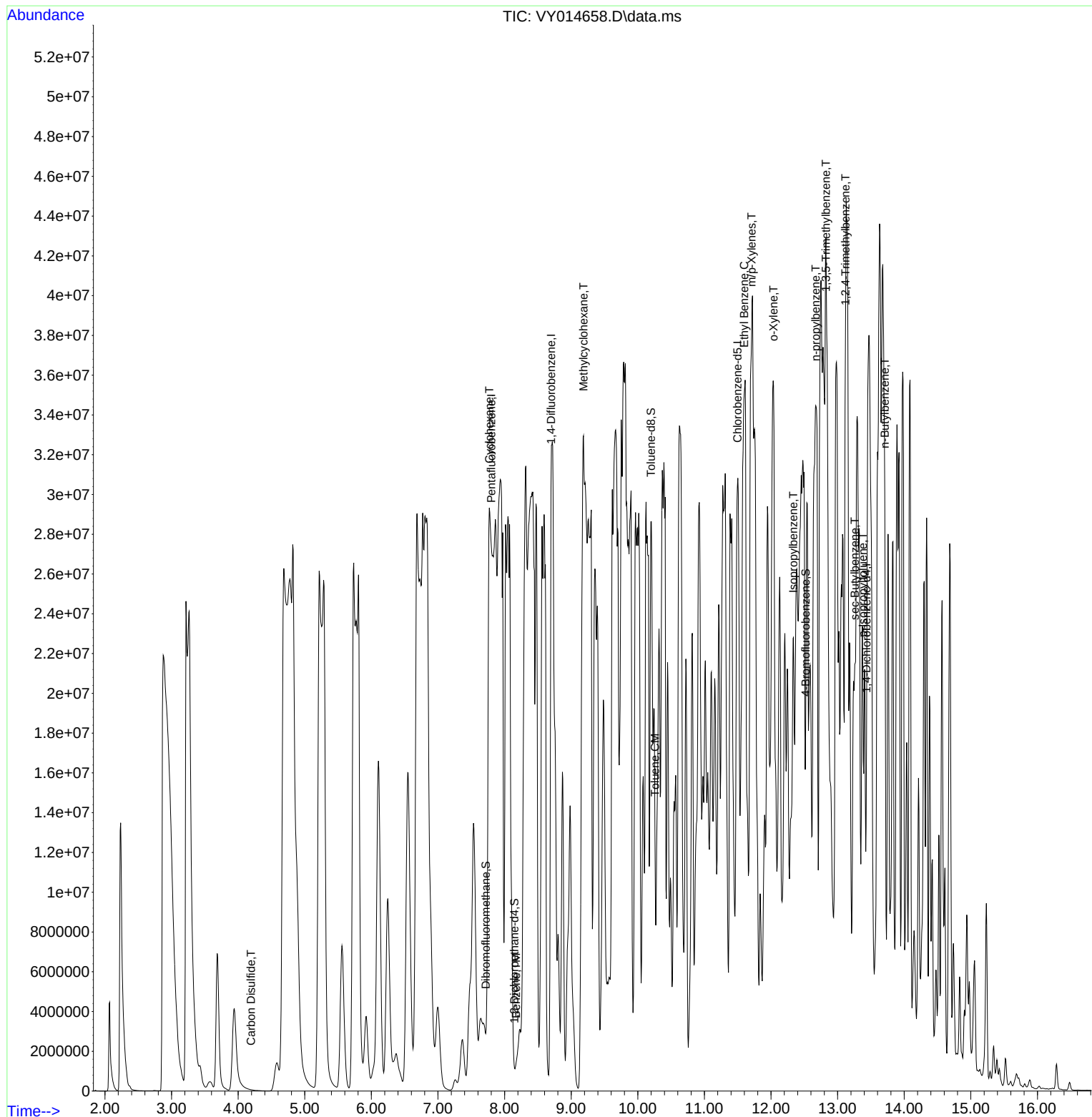
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014658.D
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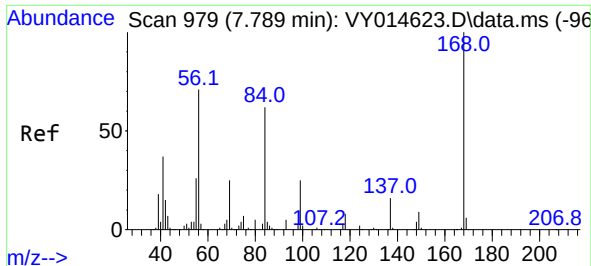
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

Quant Time: Jul 14 23:16:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

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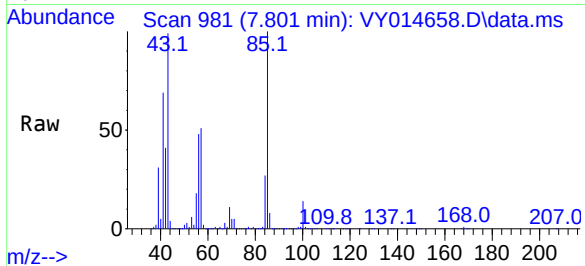
Reviewed By :Mahesh Dadoda 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

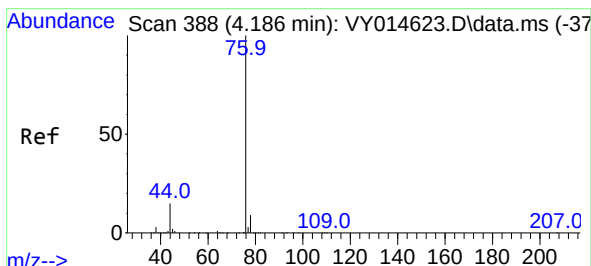
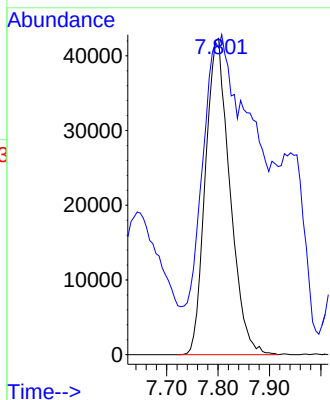
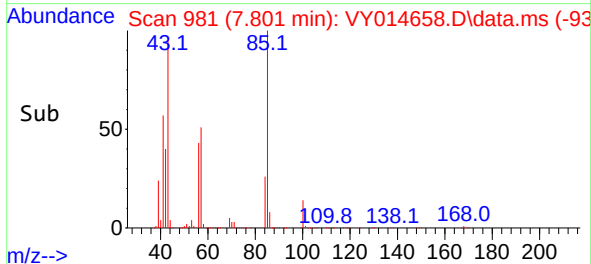
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)



Tgt Ion:168 Resp: 14022
Ion Ratio Lower Upper
168 100
99 81.6 43.4 65.0

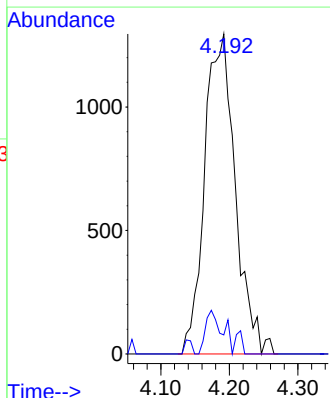
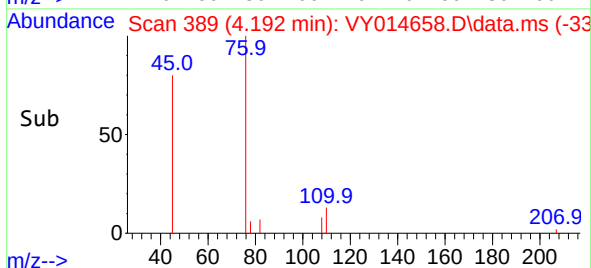
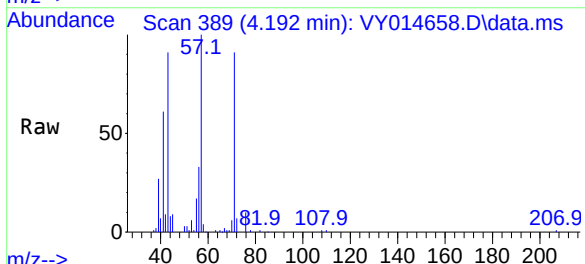
Manual Integrations
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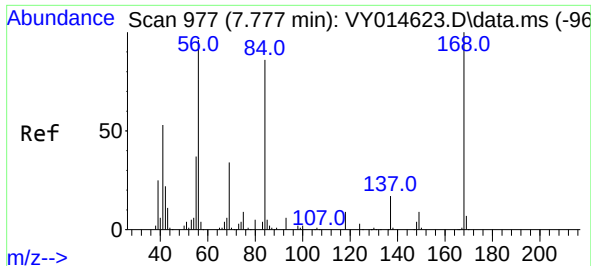
Reviewed By :Mahesh Dadoda 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#17
Carbon Disulfide
Concen: 1.018 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

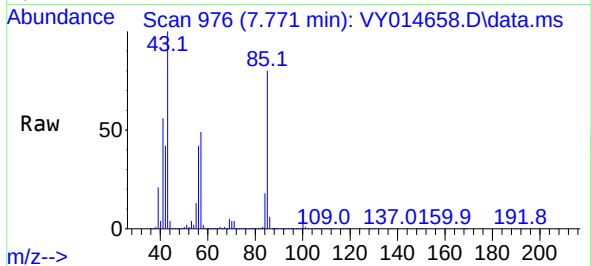
Tgt Ion: 76 Resp: 4025
Ion Ratio Lower Upper
76 100
78 5.9 7.0 10.4





#31
Cyclohexane
Concen: 4386.472 ug/l m
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

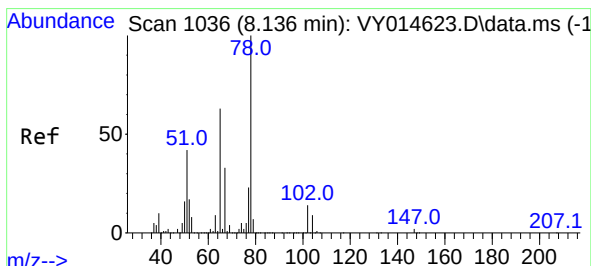
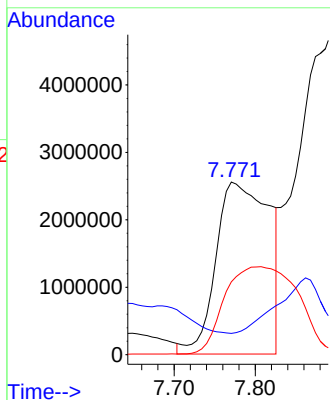
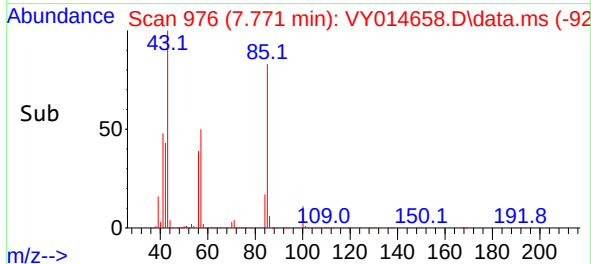
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)



Tgt Ion: 56 Resp:11635204
Ion Ratio Lower Upper
56 100
69 12.3 27.8 41.6
84 42.1 66.4 99.6

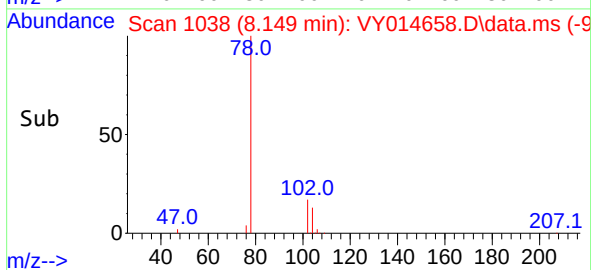
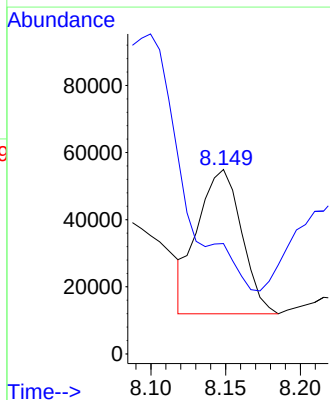
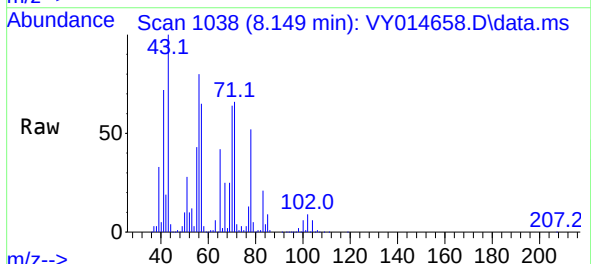
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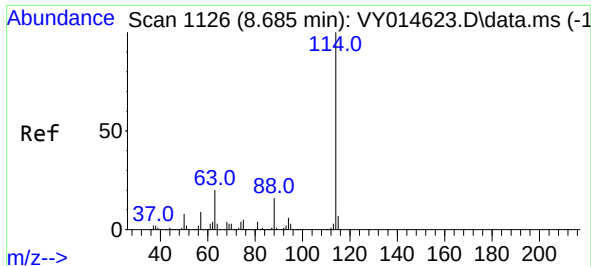
Reviewed By :Mahesh Dadoda 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#33
1,2-Dichloroethane-d4
Concen: 55.003 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

Tgt Ion: 65 Resp: 87889
Ion Ratio Lower Upper
65 100
67 0.0 0.0 101.8





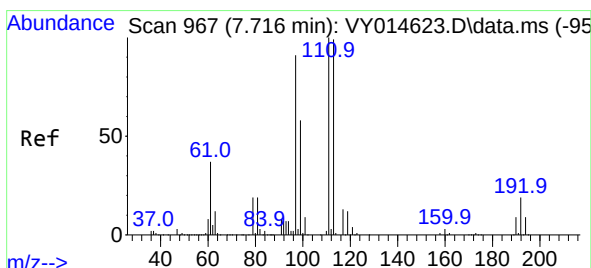
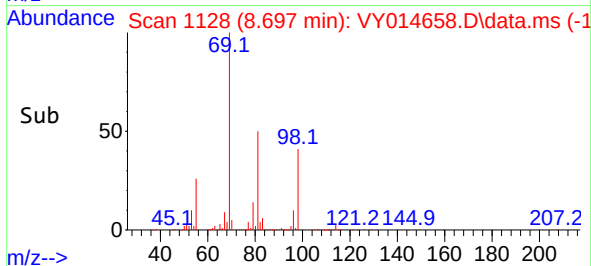
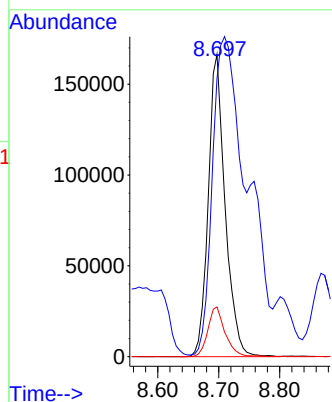
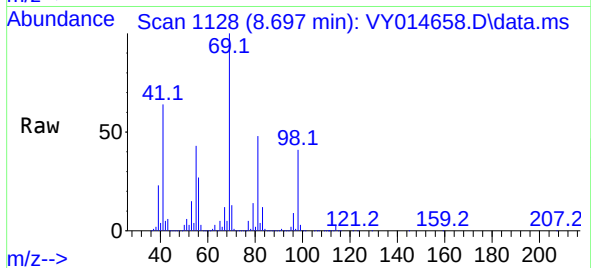
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

Tgt Ion:114 Resp: 321023
Ion Ratio Lower Upper
114 100
63 90.1 0.0 42.4
88 16.5 0.0 30.6

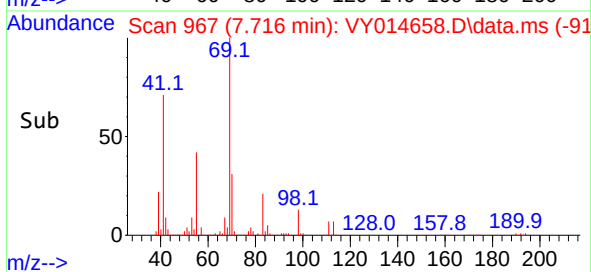
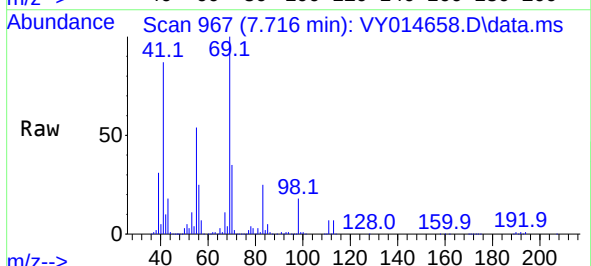
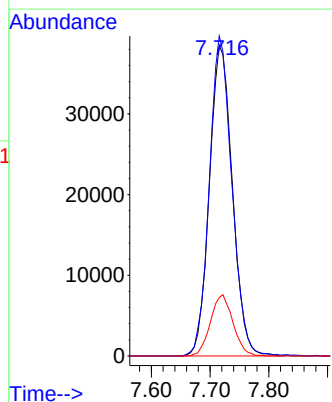
Manual Integrations
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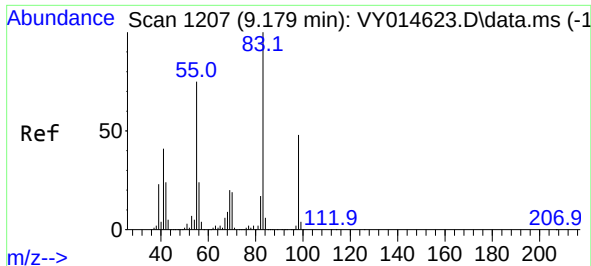
Reviewed By :Mahesh Dadoda 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#35
Dibromofluoromethane
Concen: 51.087 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

Tgt Ion:113 Resp: 104399
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.4 16.9 25.3





#39

Methylcyclohexane

Concen: 3454.127 ug/l

RT: 9.185 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY014658.D

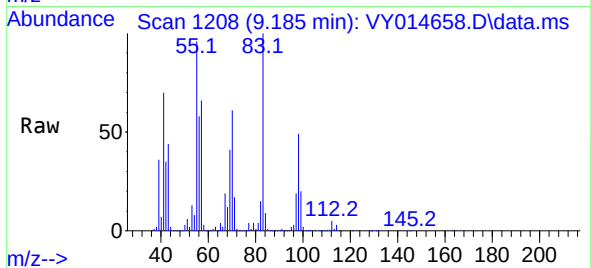
Acq: 14 Jul 2023 19:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-(9-11)



Tgt Ion: 83 Resp:1375254

Ion Ratio Lower Upper

83 100

55 95.8 63.0 94.4

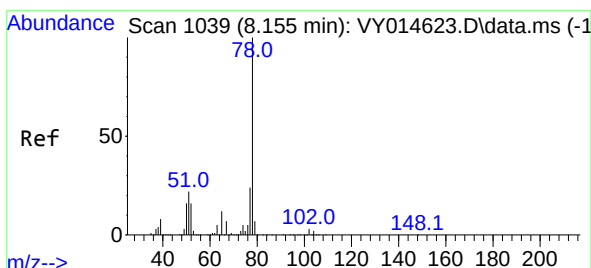
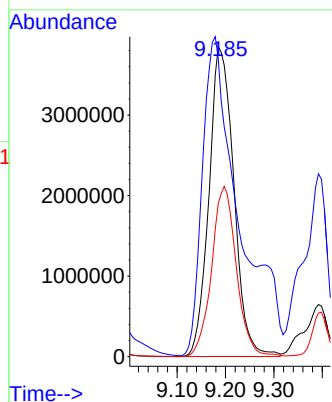
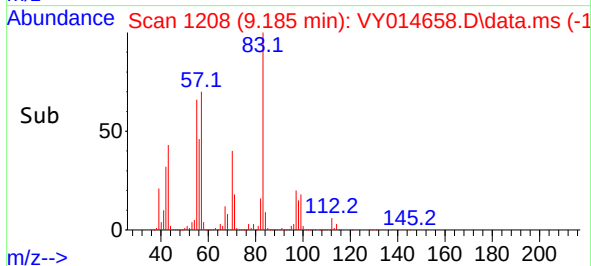
98 49.4 37.4 56.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/17/2023

Supervised By :Semsettin Yesilyurt 07/17/2023



#40

Benzene

Concen: 69.005 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.018 min

Lab File: VY014658.D

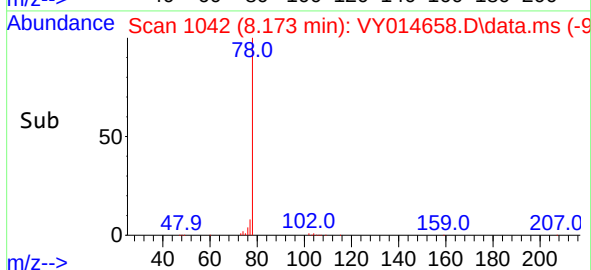
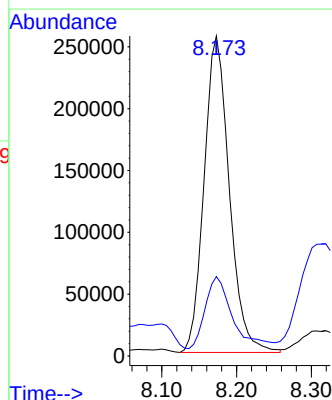
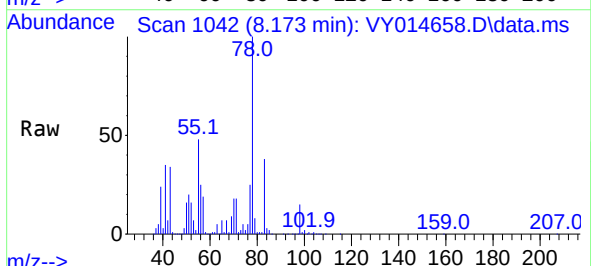
Acq: 14 Jul 2023 19:26

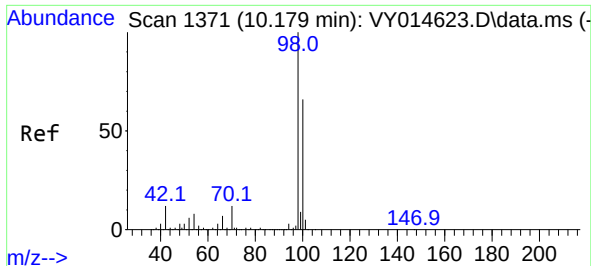
Tgt Ion: 78 Resp: 599764

Ion Ratio Lower Upper

78 100

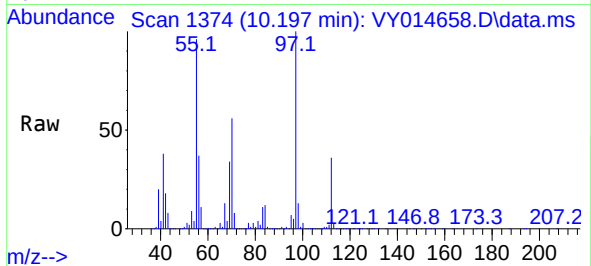
77 21.5 19.0 28.6





#50
Toluene-d8
Concen: 183.531 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.018 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

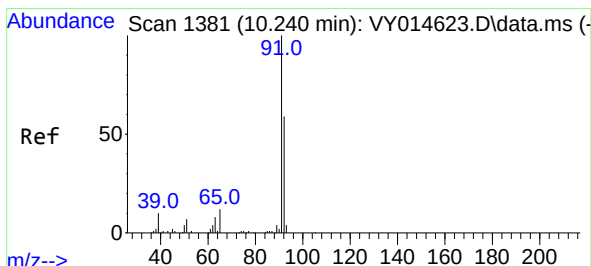
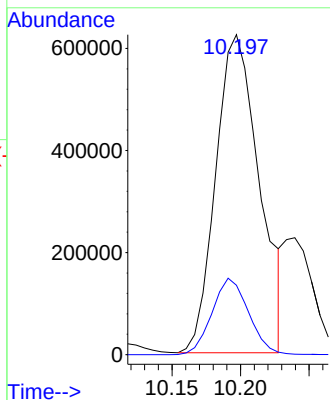
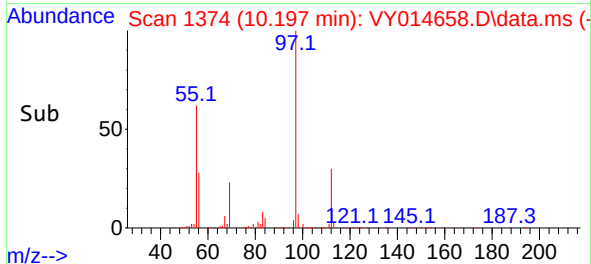
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)



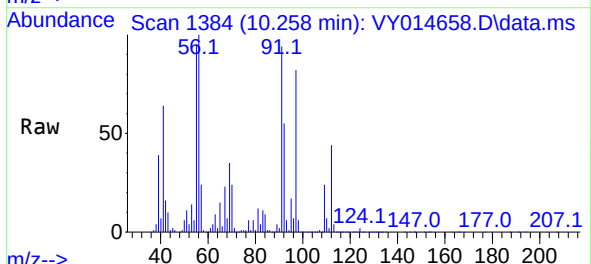
Tgt Ion: 98 Resp: 138275
Ion Ratio Lower Upper
98 100
100 20.2 50.1 75.1

Manual Integrations
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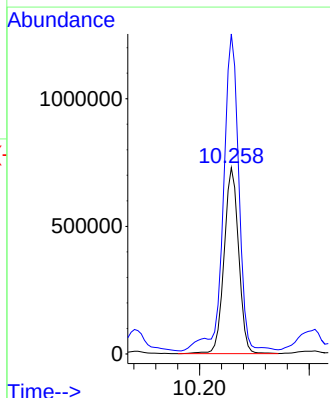
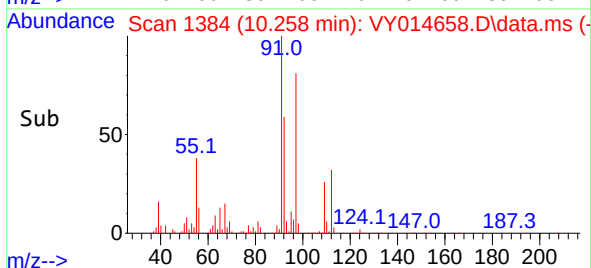
Reviewed By :Mahesh Dadoda 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

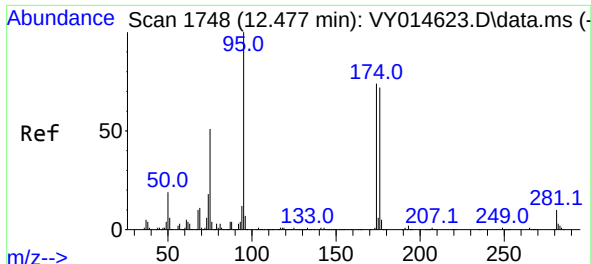


#52
Toluene
Concen: 241.711 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.018 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26



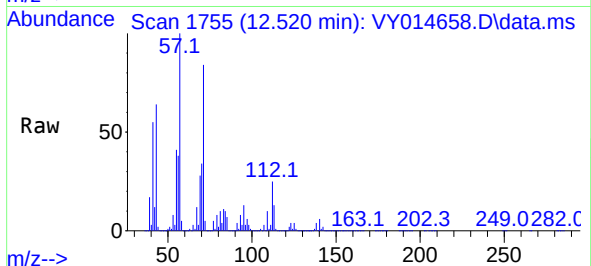
Tgt Ion: 92 Resp: 1344338
Ion Ratio Lower Upper
92 100
91 181.1 143.8 215.6





#62
4-Bromofluorobenzene
Concen: 100.620 ug/l
RT: 12.520 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

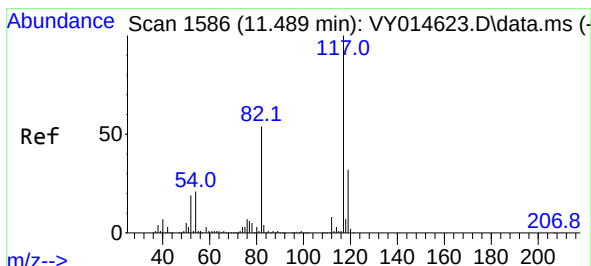
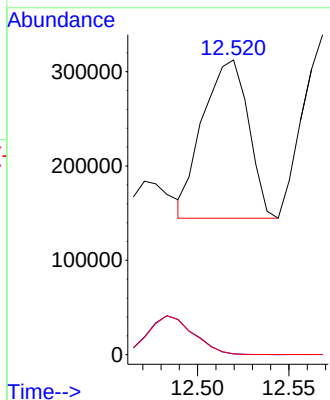
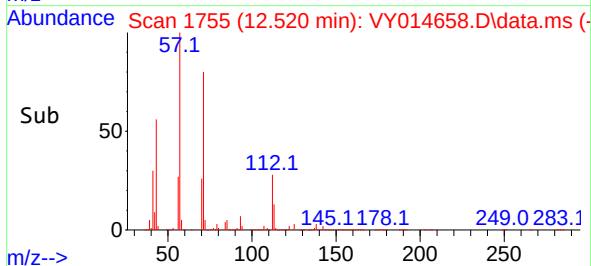
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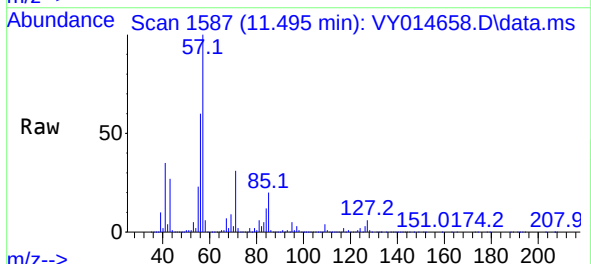
Tgt Ion: 95 Resp: 290679
Ion Ratio Lower Upper
95 100
174 0.0 0.0 178.2
176 0.0 0.0 173.8

Manual Integrations
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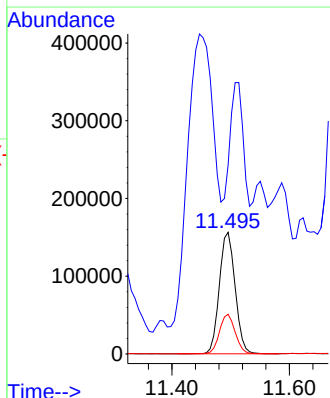
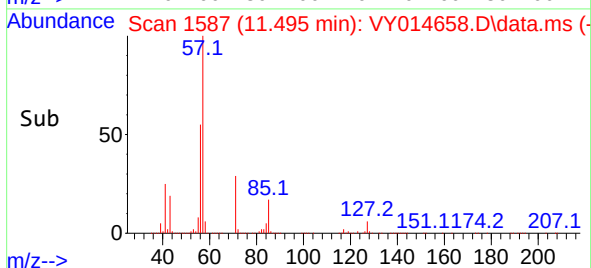
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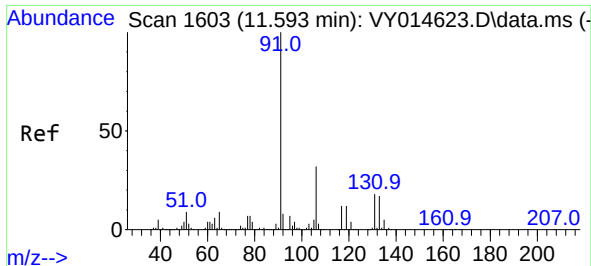


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26



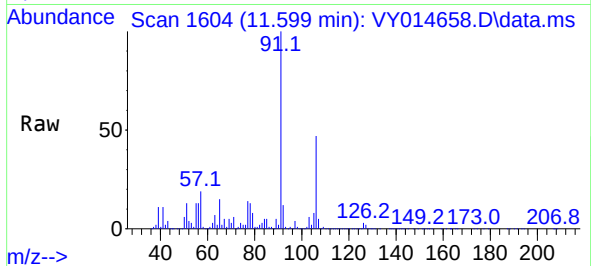
Tgt Ion:117 Resp: 291996
Ion Ratio Lower Upper
117 100
82 110.3 43.4 65.0#
119 32.5 26.3 39.5





#67
Ethyl Benzene
Concen: 1873.033 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

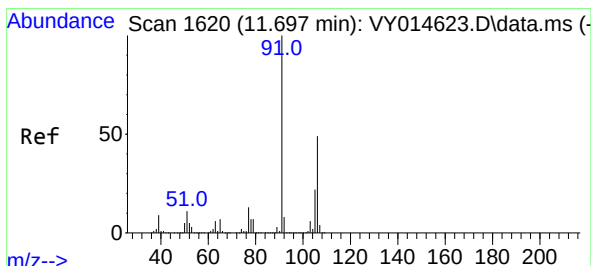
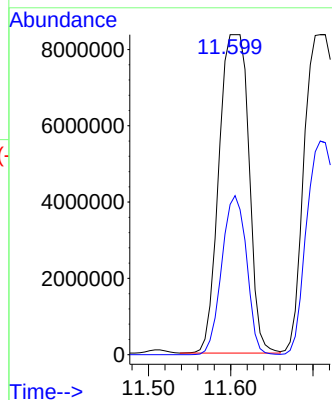
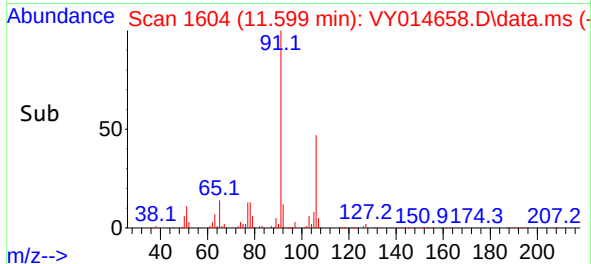
Instrument :
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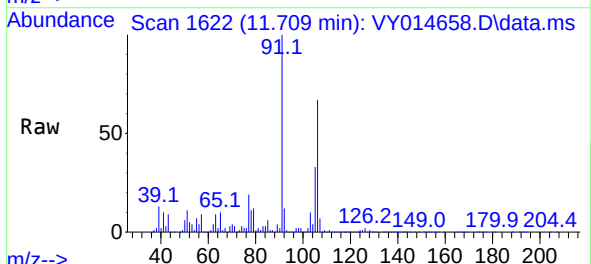
Tgt Ion: 91 Resp:21042619
Ion Ratio Lower Upper
91 100
106 47.2 24.6 36.8

Manual Integrations
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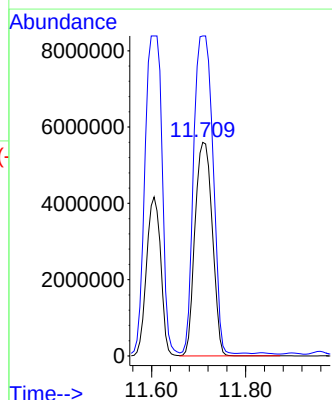
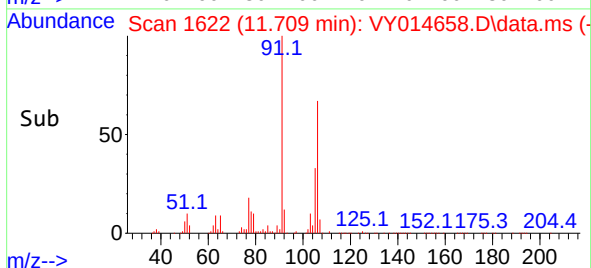
Reviewed By :Mahesh Dadoda 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

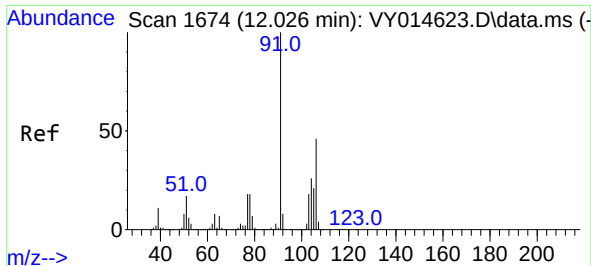


#68
m/p-Xylenes
Concen: 3340.813 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.012 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26



Tgt Ion:106 Resp:14327065
Ion Ratio Lower Upper
106 100
91 164.9 166.1 249.1#





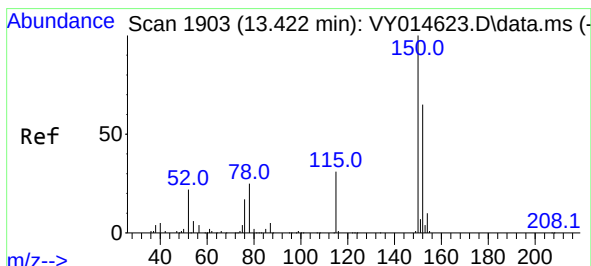
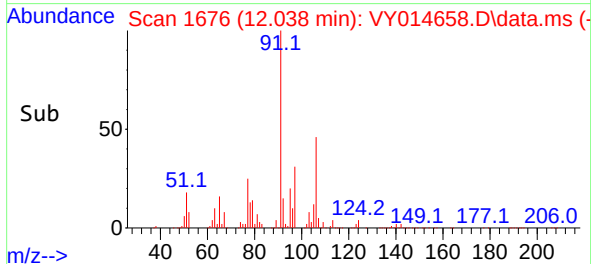
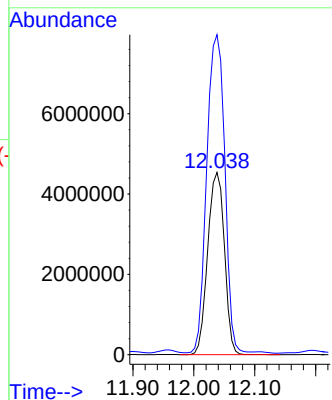
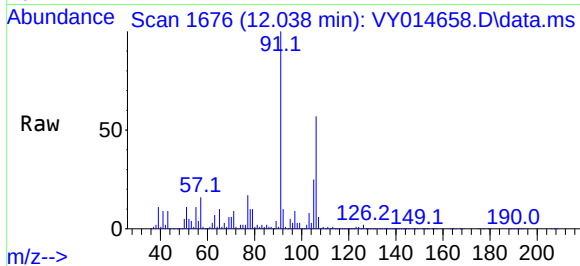
#69
o-Xylene
Concen: 2069.290 ug/l
RT: 12.038 min Scan# 106
Delta R.T. 0.012 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)

Tgt Ion:106 Resp: 864348
Ion Ratio Lower Upper
106 100
91 187.8 108.1 324.3

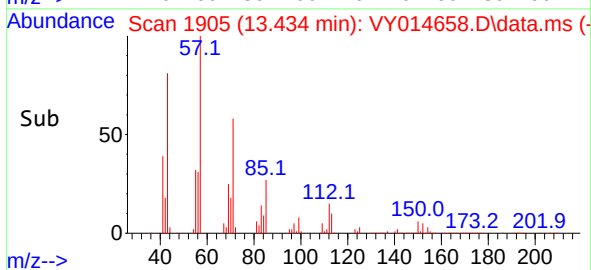
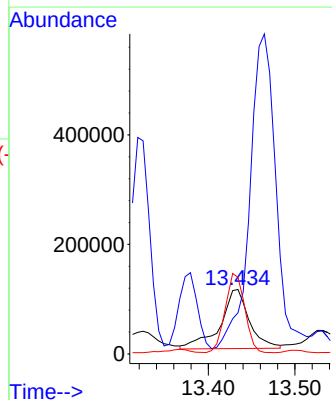
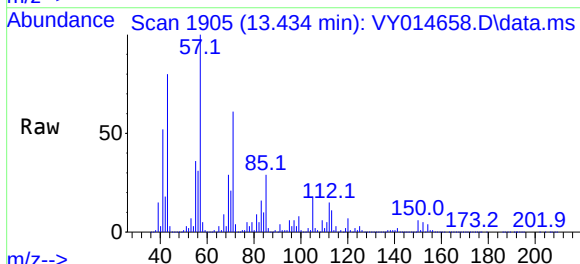
Manual Integrations
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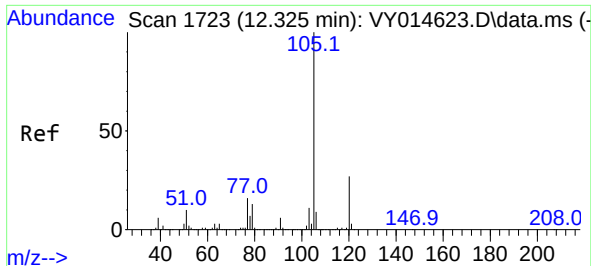
Reviewed By :Mahesh Dadoda 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

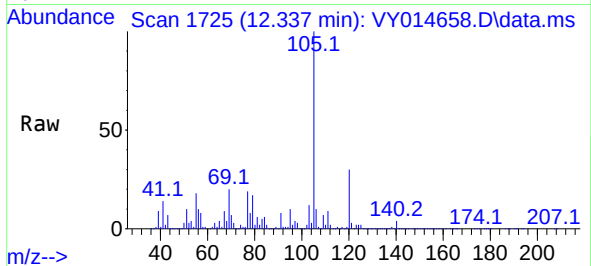
Tgt Ion:152 Resp: 252777
Ion Ratio Lower Upper
152 100
115 0.0 28.8 86.5#
150 89.8 0.0 348.8





#73
Isopropylbenzene
Concen: 445.102 ug/l
RT: 12.337 min Scan# 1723
Delta R.T. 0.012 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

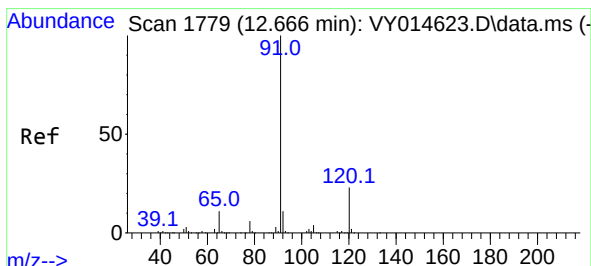
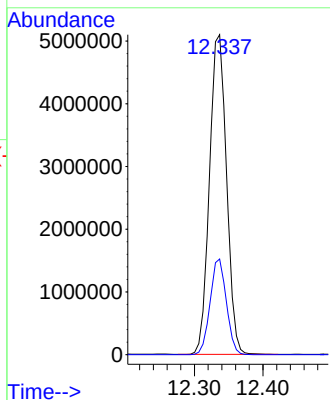
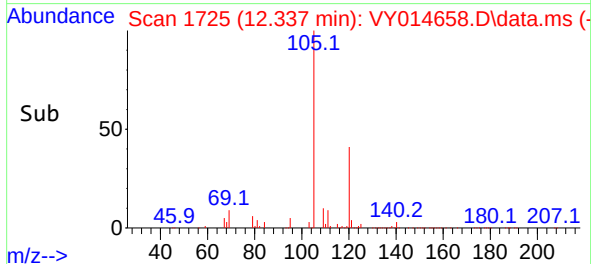
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)



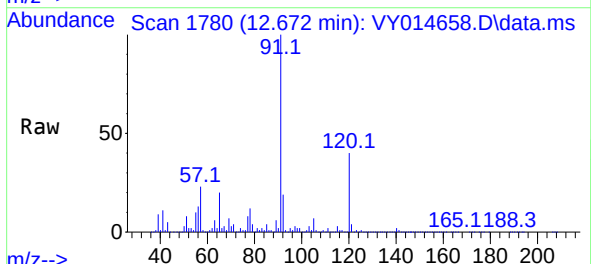
Tgt Ion:105 Resp: 880970
Ion Ratio Lower Upper
105 100
120 28.4 13.3 39.9

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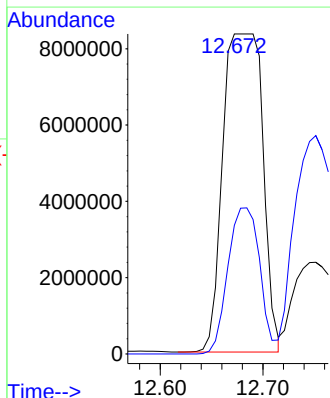
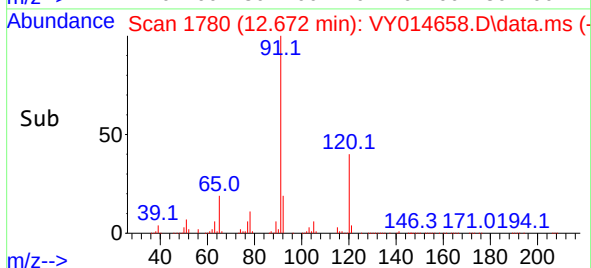
Reviewed By :Mahesh Dadoda 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

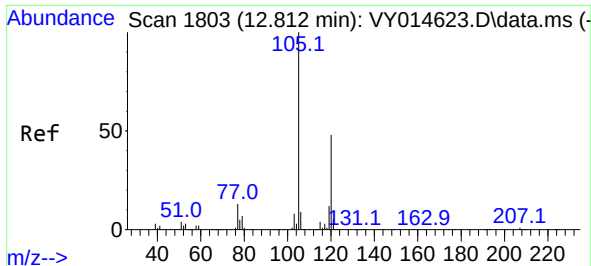


#78
n-propylbenzene
Concen: 940.721 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26



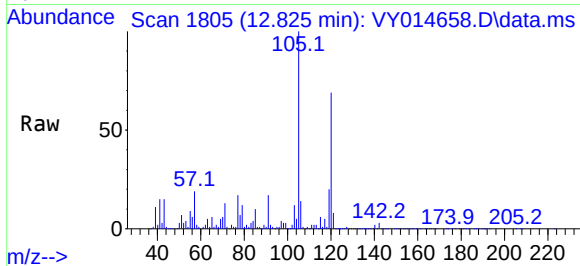
Tgt Ion: 91 Resp:22436431
Ion Ratio Lower Upper
91 100
120 36.5 11.5 34.4#





#80
1,3,5-Trimethylbenzene
Concen: 1029.872 ug/l
RT: 12.825 min Scan# 1803
Delta R.T. 0.013 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

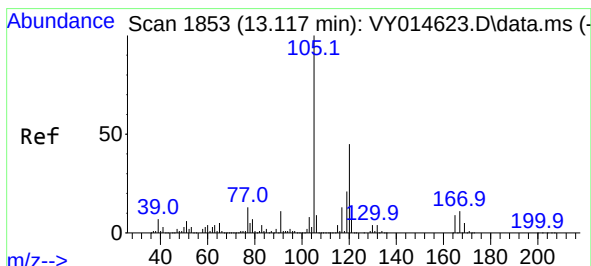
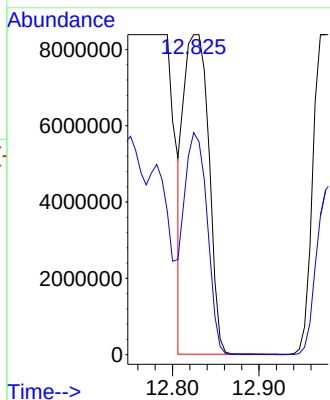
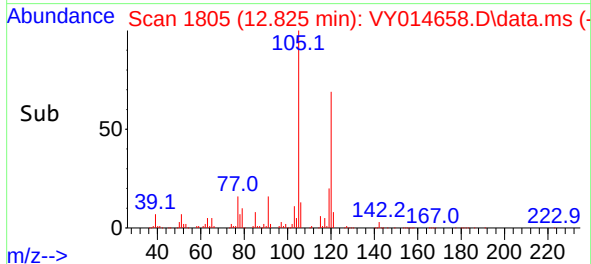
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)



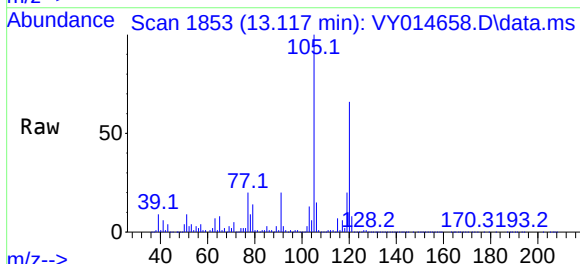
Tgt Ion:105 Resp:17023400
Ion Ratio Lower Upper
105 100
120 67.9 23.9 71.7

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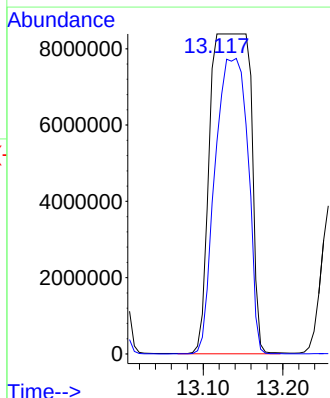
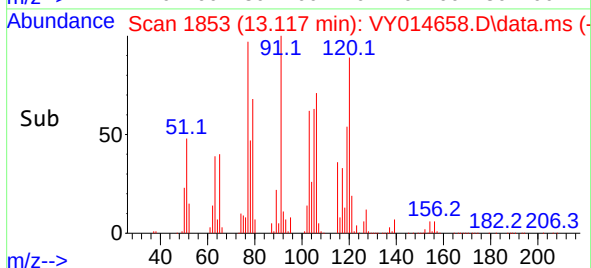
Reviewed By :Mahesh Dadoda 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

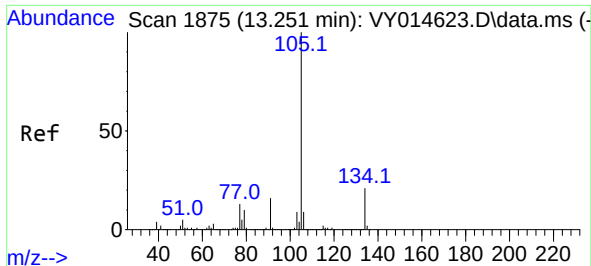


#84
1,2,4-Trimethylbenzene
Concen: 1823.120 ug/l m
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26



Tgt Ion:105 Resp:29574485
Ion Ratio Lower Upper
105 100
120 31.0 22.2 66.6





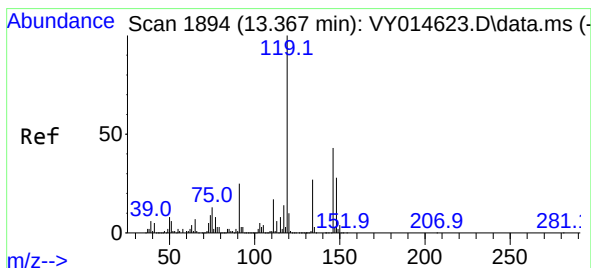
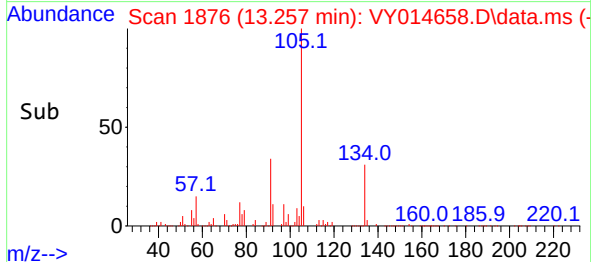
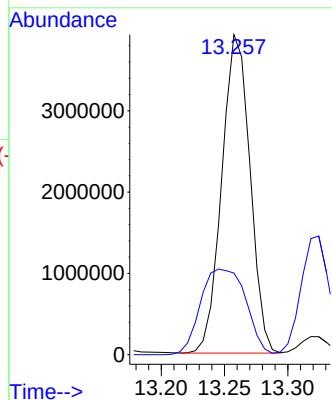
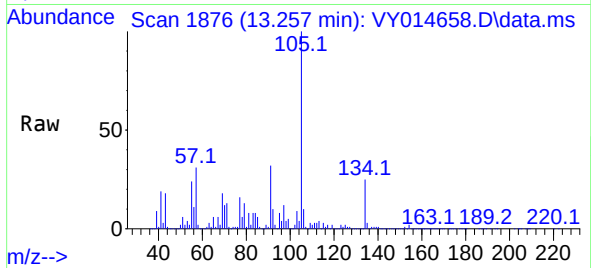
#85
 sec-Butylbenzene
 Concen: 282.729 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY014658.D
 Acq: 14 Jul 2023 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-(9-11)

Tgt Ion:105 Resp: 608135
 Ion Ratio Lower Upper
 105 100
 134 43.1 10.2 30.6

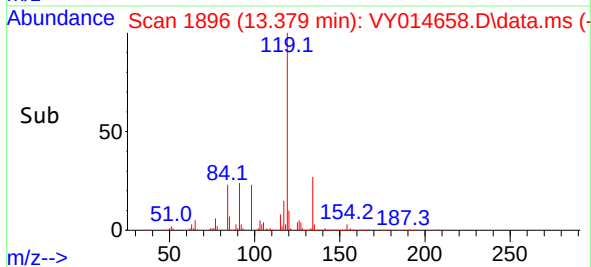
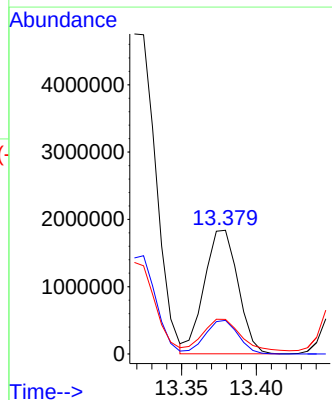
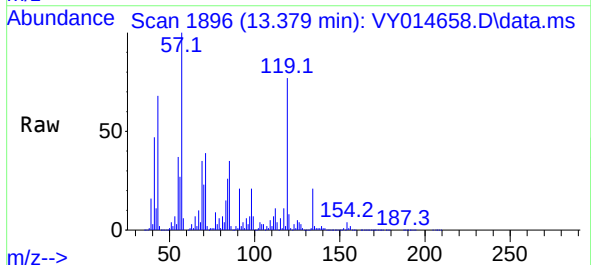
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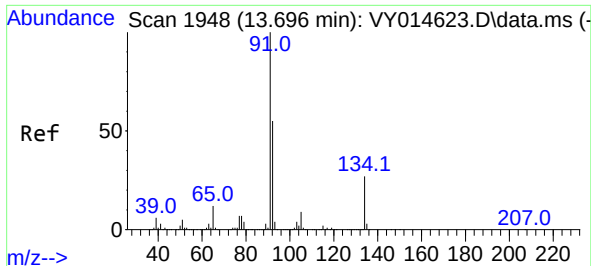
Reviewed By :Mahesh Dadoda 07/17/2023
 Supervised By :Semsettin Yesilyurt 07/17/2023



#86
 p-Isopropyltoluene
 Concen: 164.327 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.012 min
 Lab File: VY014658.D
 Acq: 14 Jul 2023 19:26

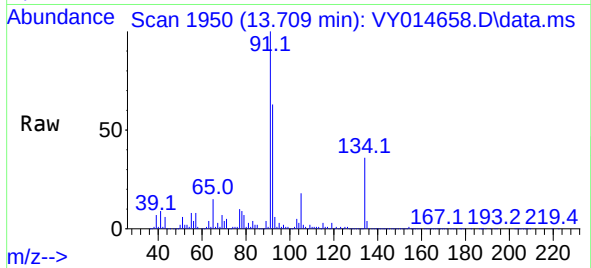
Tgt Ion:119 Resp: 2885872
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 27.4 12.4 37.4





#89
n-Butylbenzene
Concen: 960.922 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.013 min
Lab File: VY014658.D
Acq: 14 Jul 2023 19:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(9-11)



Tgt Ion: 91 Resp:1641826
Ion Ratio Lower Upper
91 100
92 44.7 25.4 76.0
134 0.0 12.6 37.6

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Reviewed By :Mahesh Dadoda 07/17/2023
Supervised By :Semsettin Yesilyurt 07/17/2023

