

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009273.D
 Acq On : 22 Jun 2022 14:48
 Operator : KP/MD
 Sample : N3426-01
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2201-27.5

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 06/23/2022
 Supervised By : Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 01:55:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	126088	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.691	114	269309	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.502	117	255805	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	61854	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93583	67.580	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.160%			
35) Dibromofluoromethane	7.722	113	89872	51.529	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.060%			
50) Toluene-d8	10.197	98	911494	136.045	ug/l	0.02
Spiked Amount 50.000	Range 49 - 140		Recovery = 272.100%#			
62) 4-Bromofluorobenzene	12.489	95	230310	97.825	ug/l	0.01
Spiked Amount 50.000	Range 25 - 144		Recovery = 195.660%#			
Target Compounds					Qvalue	
16) Acetone	3.936	43	2367288	6918.926	ug/l #	58
17) Carbon Disulfide	4.192	76	125783	37.484	ug/l	99
25) 2-Butanone	6.990	43	571555	1034.423	ug/l #	59
39) Methylcyclohexane	9.203	83	12270259	3767.612	ug/l	93
52) Toluene	10.258	92	13743694	2768.863	ug/l	79
67) Ethyl Benzene	11.593	91	37245351m	3729.319	ug/l	
68) m/p-Xylenes	11.709	106	42043235m	10728.391	ug/l	
69) o-Xylene	12.044	106	25082102	6730.313	ug/l #	1
73) Isopropylbenzene	12.343	105	12200189	2514.152	ug/l	94
78) n-propylbenzene	12.672	91	27723986m	4741.673	ug/l	
80) 1,3,5-Trimethylbenzene	12.812	105	21436975m	5321.304	ug/l	
83) tert-Butylbenzene	13.093	119	424026m	120.691	ug/l	
84) 1,2,4-Trimethylbenzene	13.117	105	32789763m	8305.909	ug/l	
85) sec-Butylbenzene	13.264	105	3602086	684.901	ug/l #	45
86) p-Isopropyltoluene	13.379	119	1165124	266.548	ug/l	98
89) n-Butylbenzene	13.702	91	3119313	766.276	ug/l #	70
95) Naphthalene	15.233	128	2628102	1046.084	ug/l	99

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

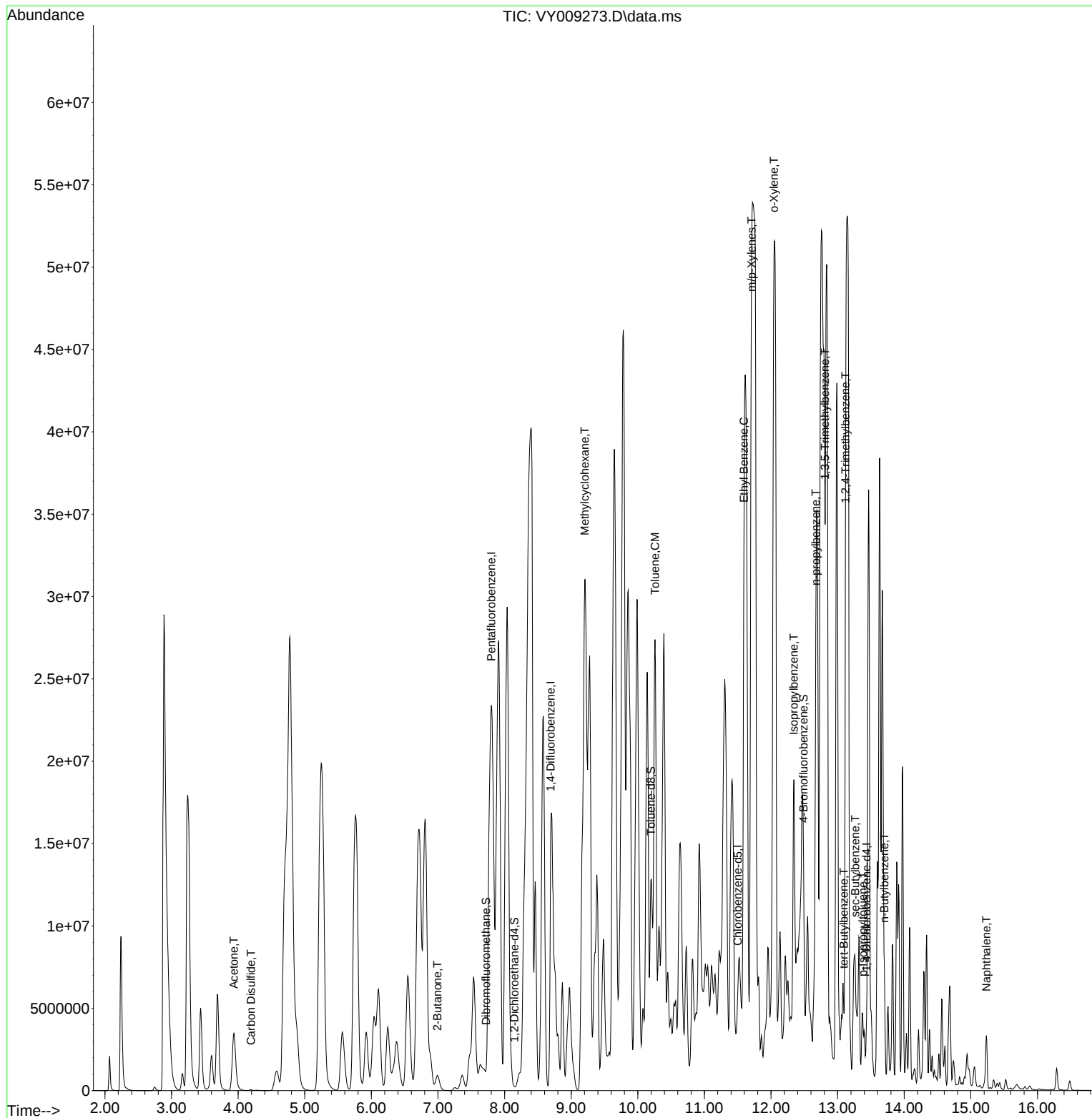
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
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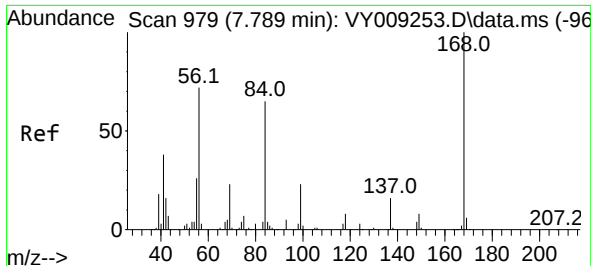
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

Quant Time: Jun 23 01:55:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 14:08:27 2022
Response via : Initial Calibration

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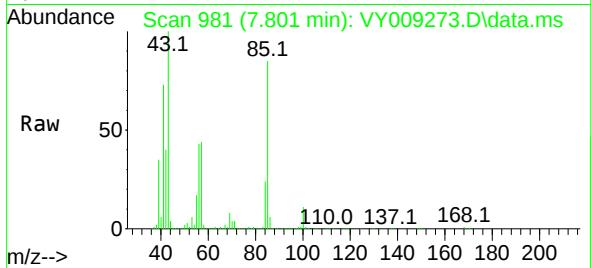
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

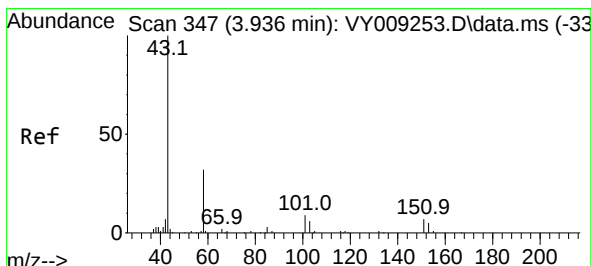
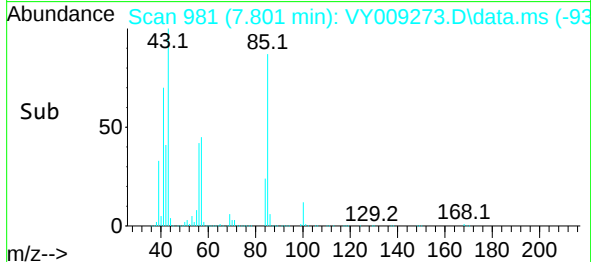
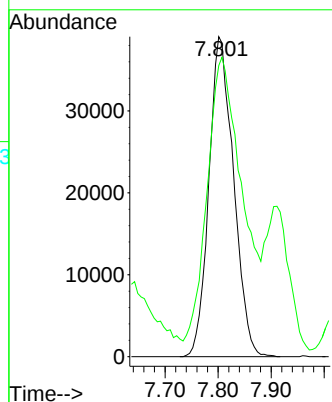
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5



Tgt Ion:168 Resp: 126088
Ion Ratio Lower Upper
168 100
99 85.4 46.9 70.3

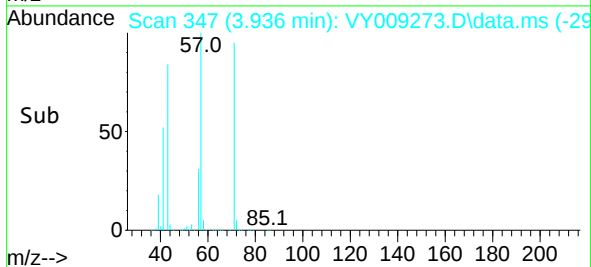
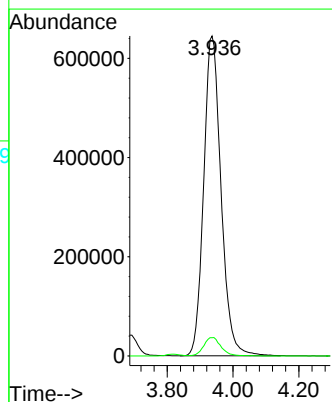
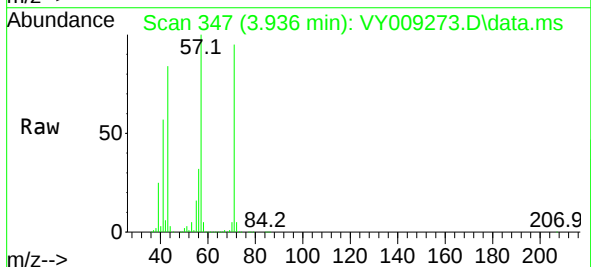
Manual Integrations
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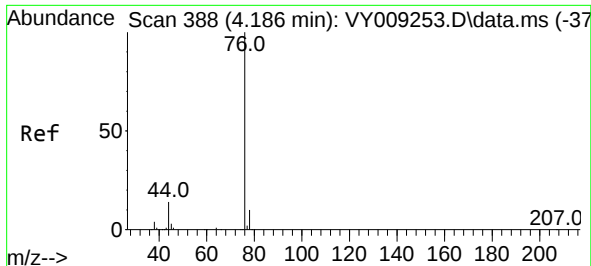
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#16
Acetone
Concen: 6918.926 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

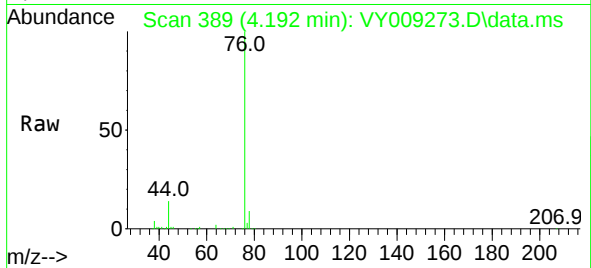
Tgt Ion: 43 Resp: 2367288
Ion Ratio Lower Upper
43 100
58 5.7 22.0 33.0





#17
Carbon Disulfide
Concen: 37.484 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

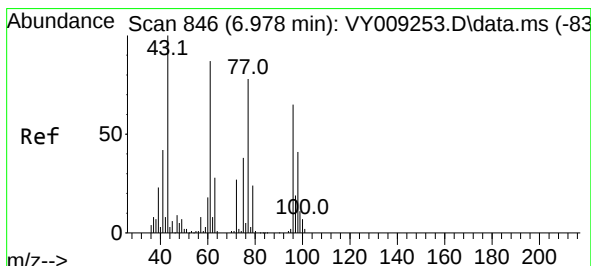
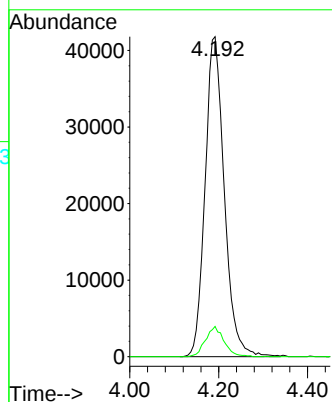
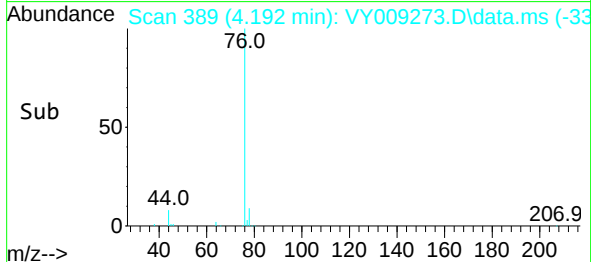
Instrument :
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ClientSampleId :
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Tgt Ion: 76 Resp: 12578
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

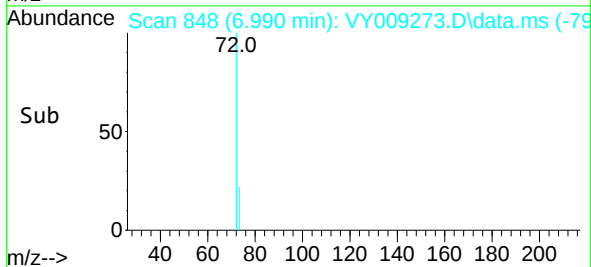
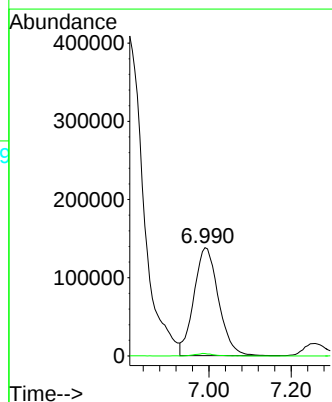
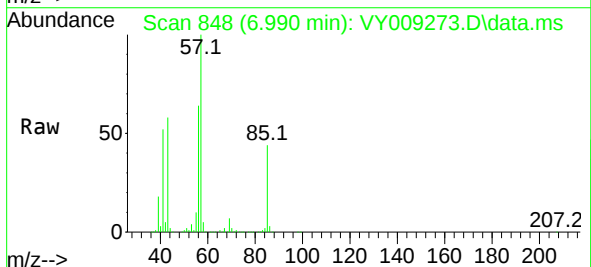
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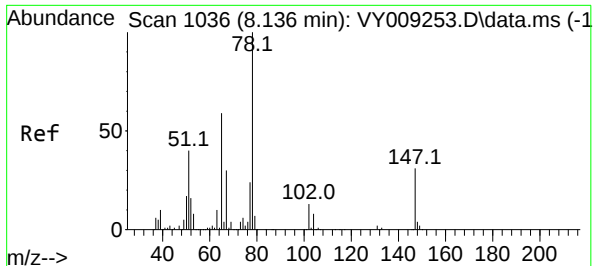
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#25
2-Butanone
Concen: 1034.423 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Tgt Ion: 43 Resp: 571555
Ion Ratio Lower Upper
43 100
72 2.3 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 67.580 ug/l

RT: 8.149 min Scan# 1036

Delta R.T. 0.013 min

Lab File: VY009273.D

Acq: 22 Jun 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

B2201-27.5

Tgt Ion: 65 Resp: 9358

Ion Ratio Lower Upper

65 100

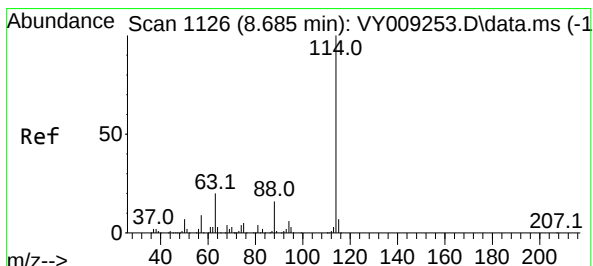
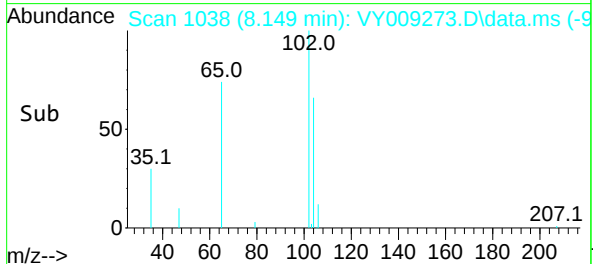
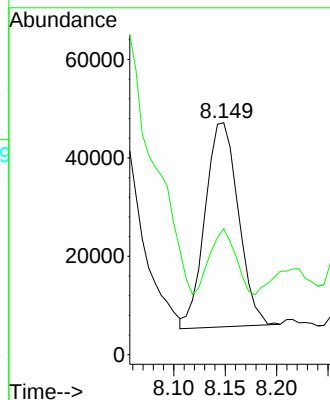
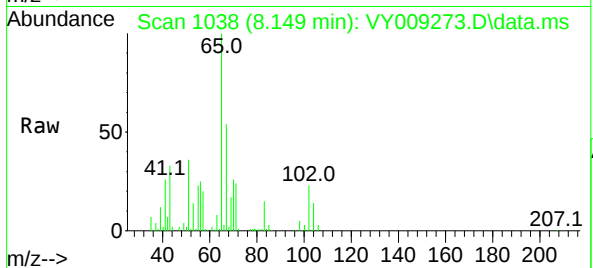
67 24.7 0.0 99.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009273.D

Acq: 22 Jun 2022 14:48

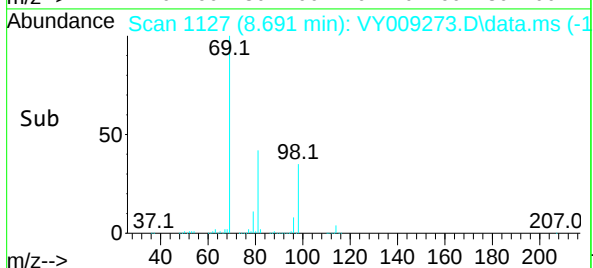
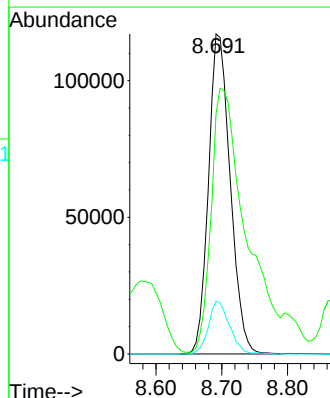
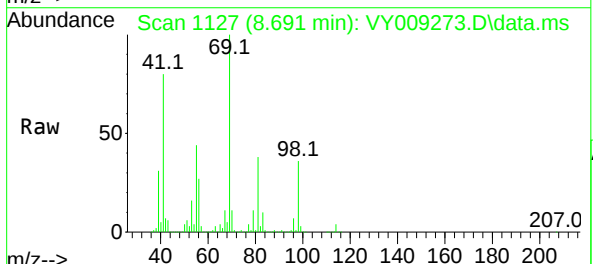
Tgt Ion:114 Resp: 269309

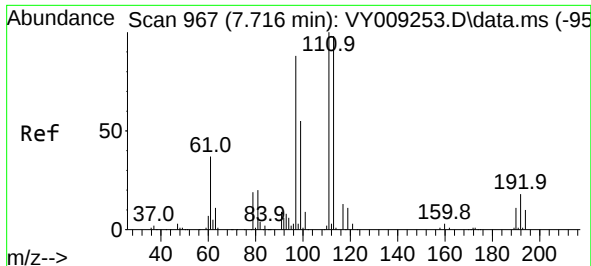
Ion Ratio Lower Upper

114 100

63 73.8 0.0 43.2#

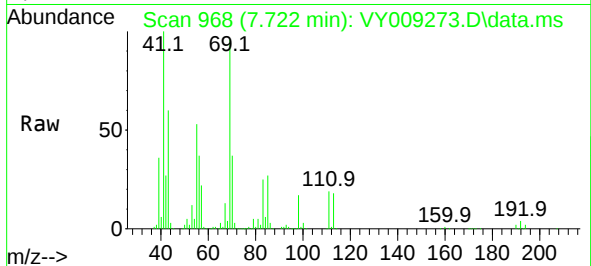
88 16.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 51.529 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

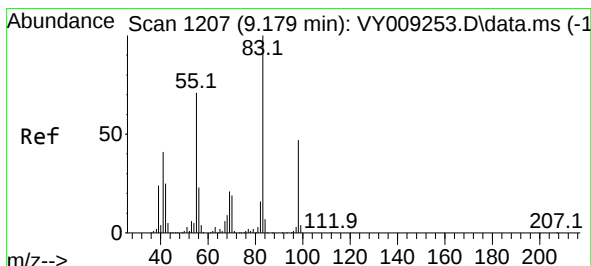
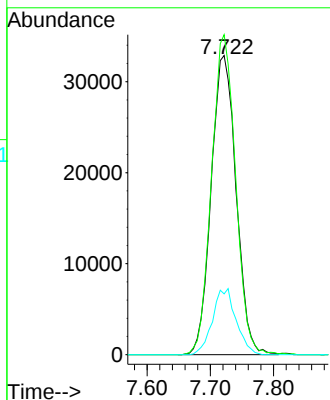
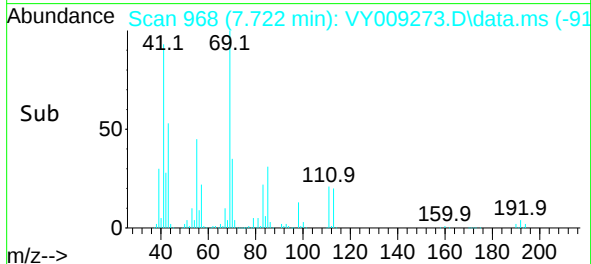
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5



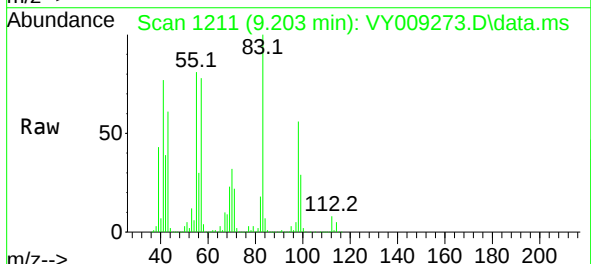
Tgt Ion: 113 Resp: 89872
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 20.9 17.6 26.4

Manual Integrations
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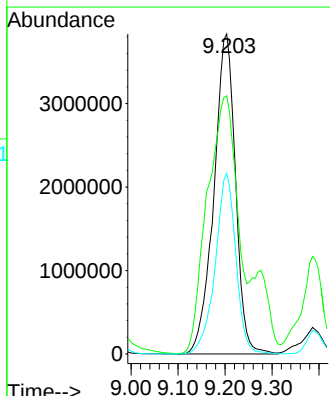
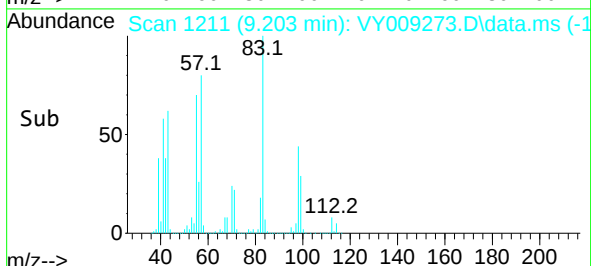
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

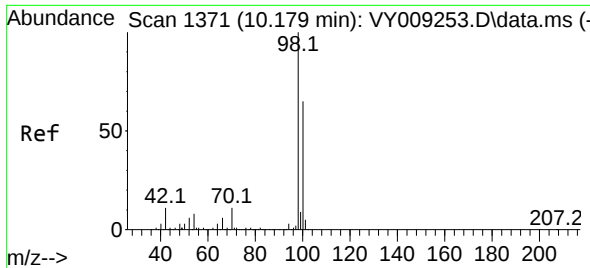


#39
Methylcyclohexane
Concen: 3767.612 ug/l
RT: 9.203 min Scan# 1211
Delta R.T. 0.024 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48



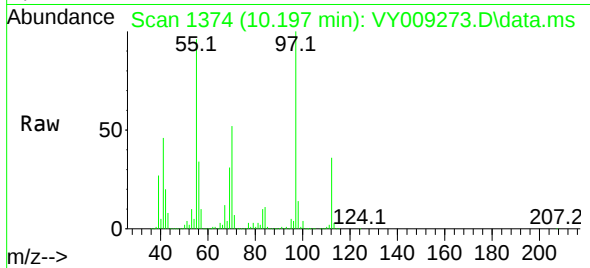
Tgt Ion: 83 Resp: 12270259
Ion Ratio Lower Upper
83 100
55 80.5 66.5 99.7
98 56.5 37.9 56.9





#50
Toluene-d8
Concen: 136.045 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

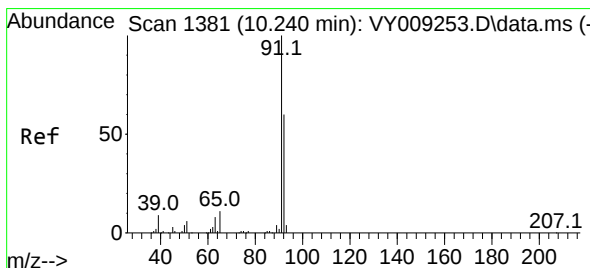
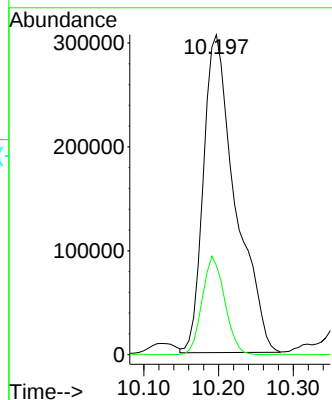
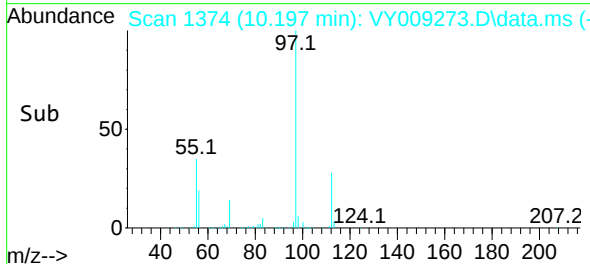
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5



Tgt Ion: 98 Resp: 911494
Ion Ratio Lower Upper
98 100
100 21.8 50.2 75.2

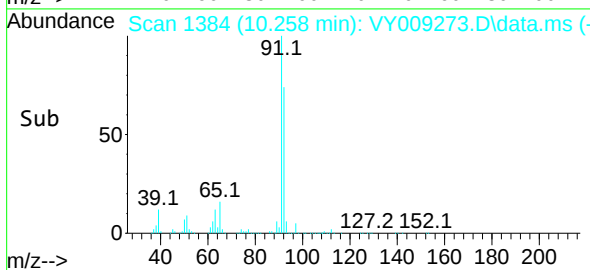
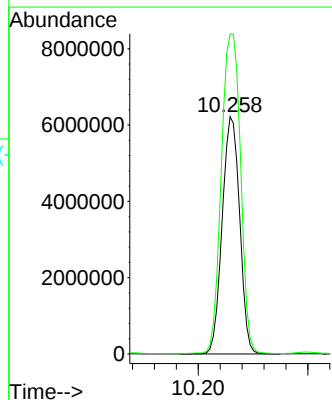
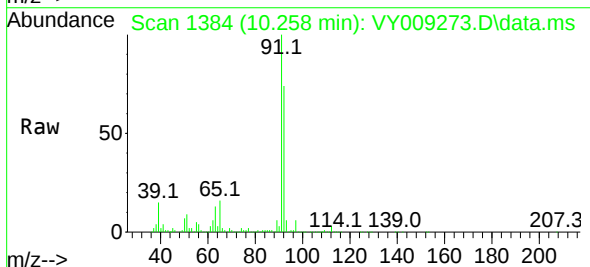
Manual Integrations
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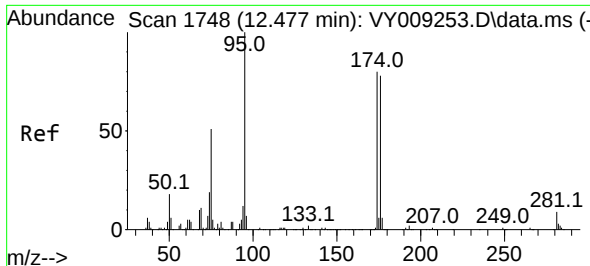
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#52
Toluene
Concen: 2768.863 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.018 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

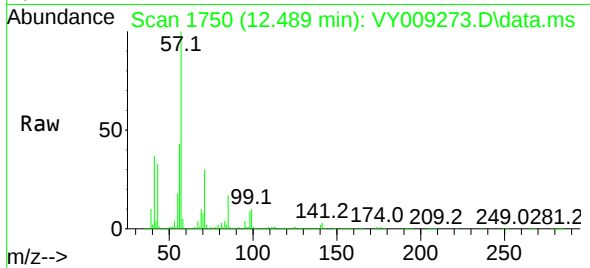
Tgt Ion: 92 Resp:13743694
Ion Ratio Lower Upper
92 100
91 148.7 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 97.825 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

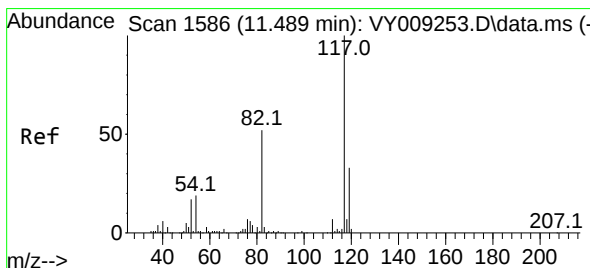
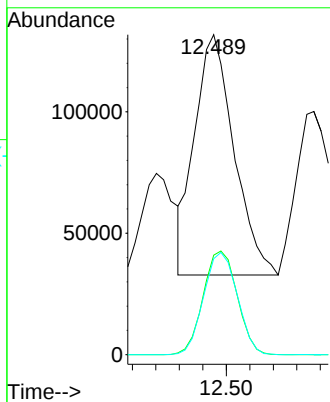
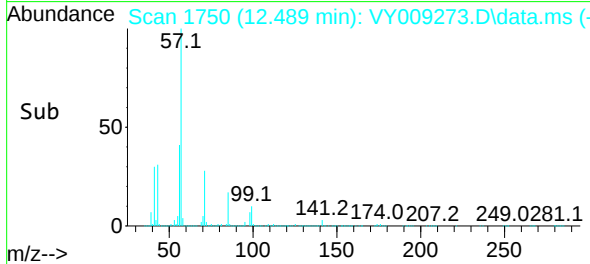
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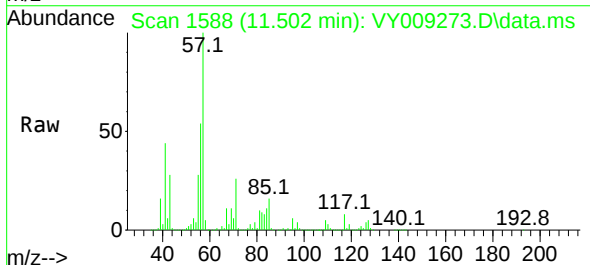
Tgt Ion: 95 Resp: 230310
Ion Ratio Lower Upper
95 100
174 37.3 0.0 177.0
176 36.4 0.0 175.8

Manual Integrations
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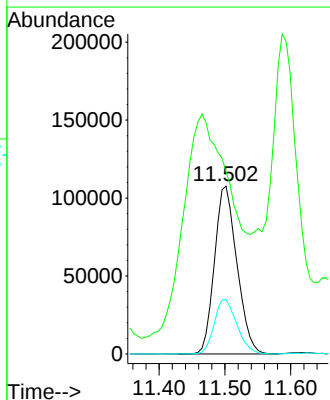
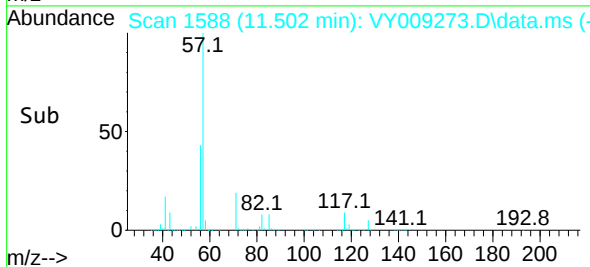
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

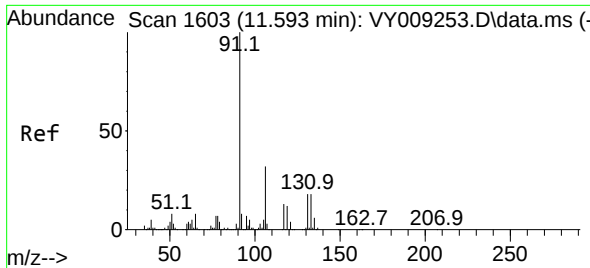


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.013 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48



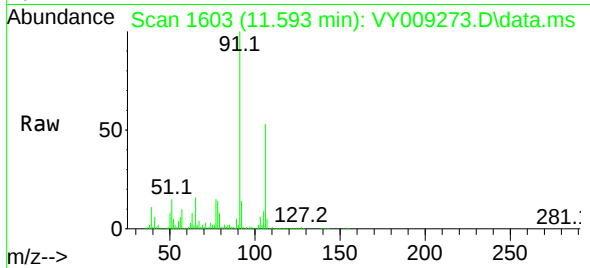
Tgt Ion:117 Resp: 255805
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 32.4 25.4 38.0





#67
Ethyl Benzene
Concen: 3729.319 ug/l m
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

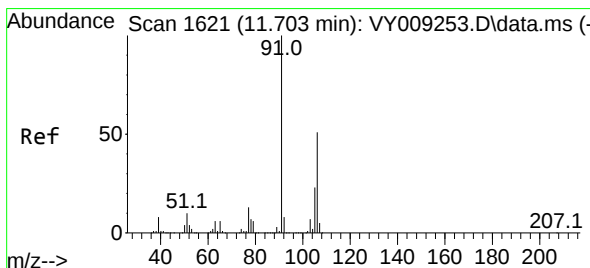
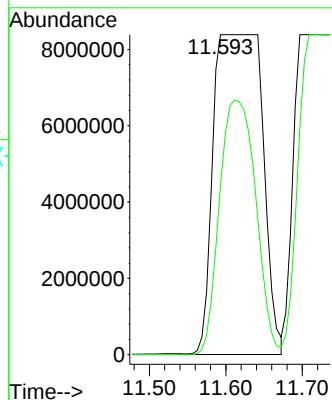
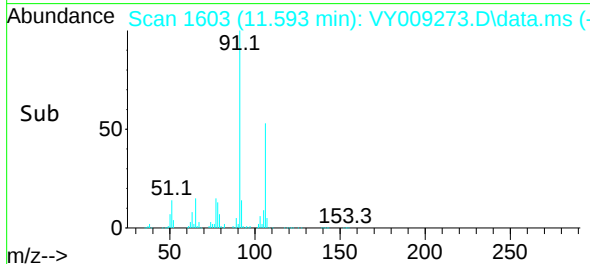
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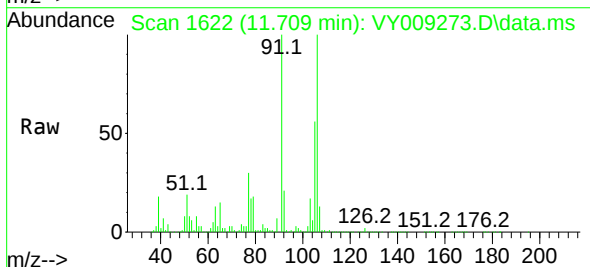
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Ion Ratio Lower Upper
91 100
106 53.0 24.5 36.7

Manual Integrations
APPROVED

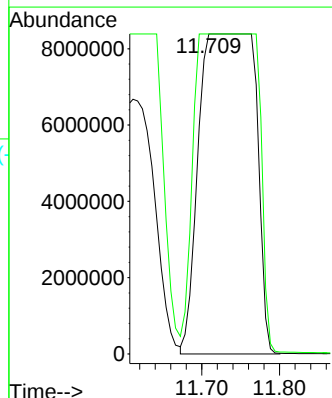
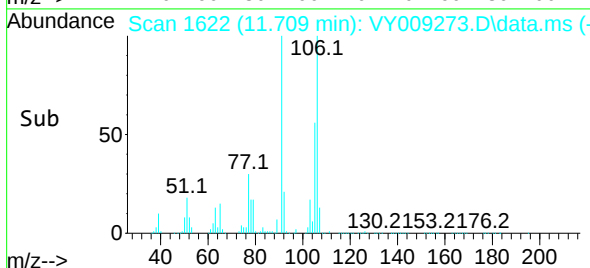
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

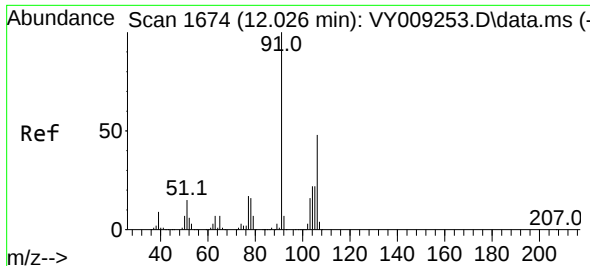


#68
m/p-Xylenes
Concen: 10728.391 ug/l m
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48



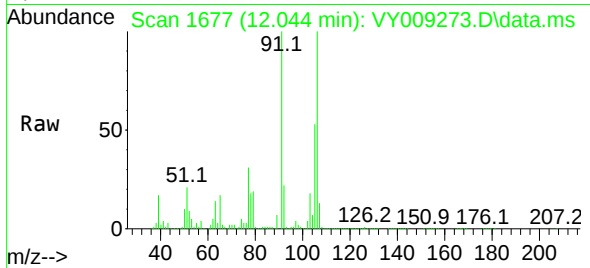
Tgt Ion:106 Resp:42043235
Ion Ratio Lower Upper
106 100
91 7.1 166.6 249.8





#69
o-Xylene
Concen: 6730.313 ug/l
RT: 12.044 min Scan# 1106
Delta R.T. 0.018 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

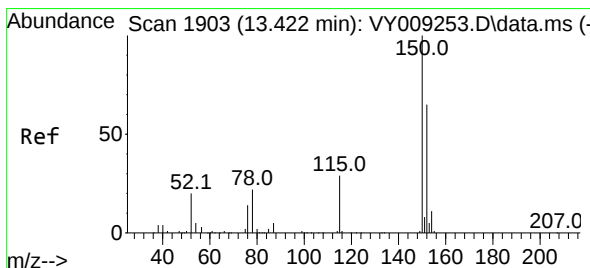
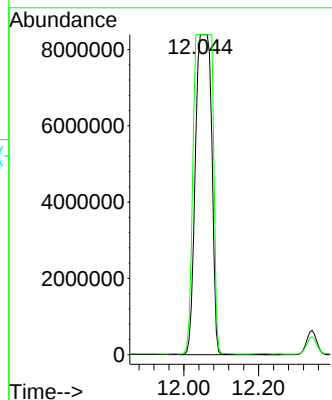
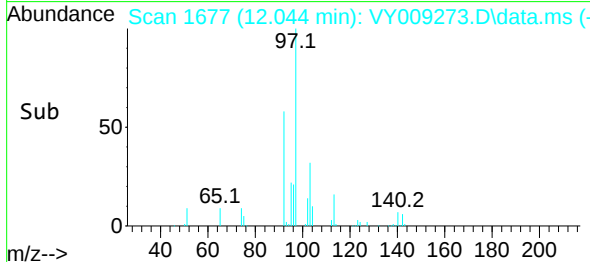
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5



Tgt Ion:106 Resp:2508210
Ion Ratio Lower Upper
106 100
91 0.0 110.3 331.0

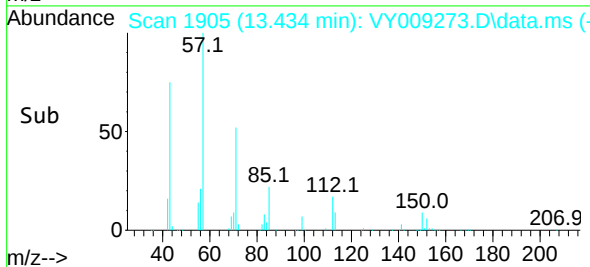
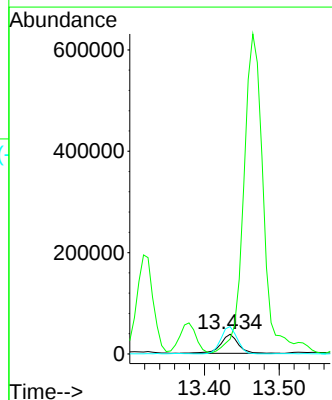
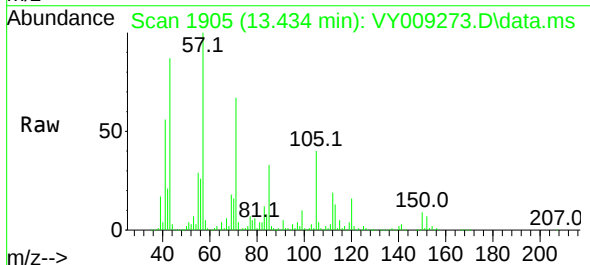
Manual Integrations
APPROVED

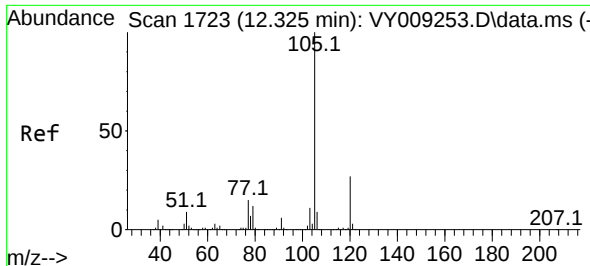
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

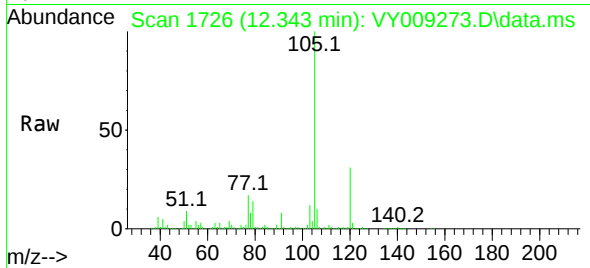
Tgt Ion:152 Resp: 61854
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 131.4 0.0 347.6





#73
Isopropylbenzene
Concen: 2514.152 ug/l
RT: 12.343 min Scan# 1723
Delta R.T. 0.018 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

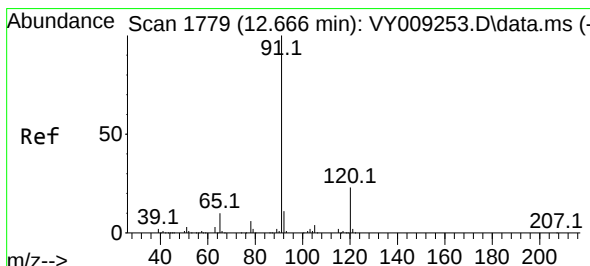
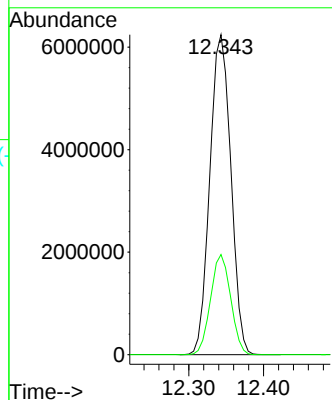
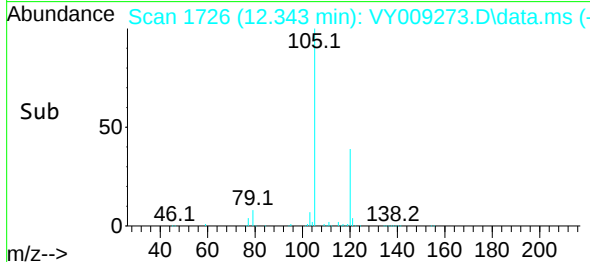
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5



Tgt Ion:105 Resp:12200189
Ion Ratio Lower Upper
105 100
120 30.0 13.4 40.2

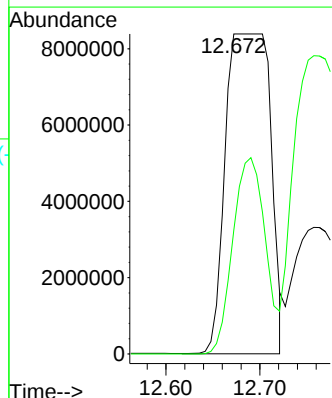
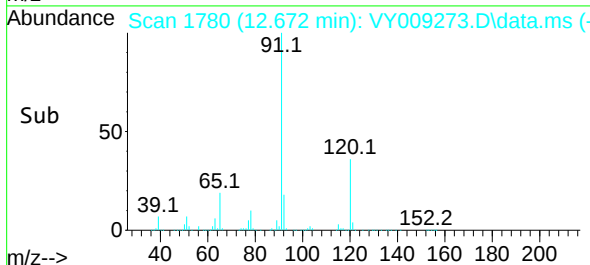
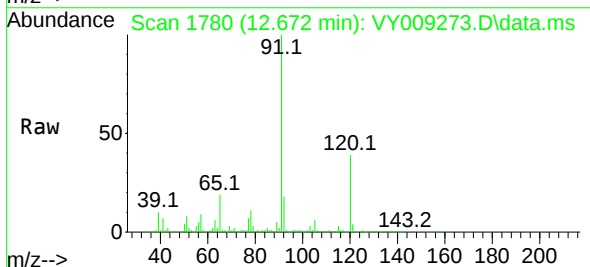
Manual Integrations
APPROVED

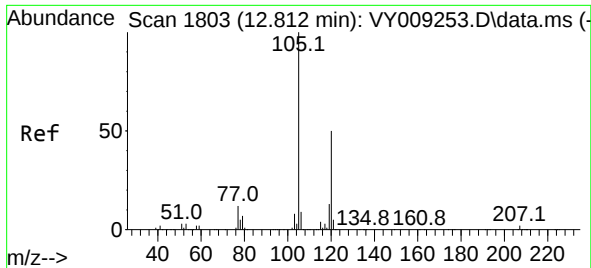
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#78
n-propylbenzene
Concen: 4741.673 ug/l m
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

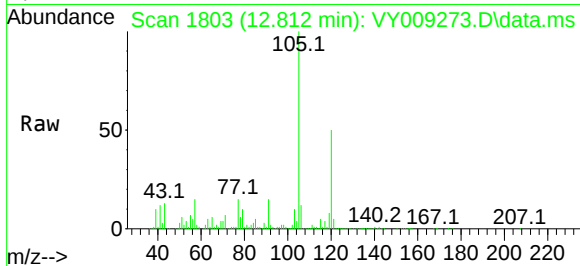
Tgt Ion: 91 Resp:27723986
Ion Ratio Lower Upper
91 100
120 124.3 11.3 33.9#





#80
1,3,5-Trimethylbenzene
Concen: 5321.304 ug/l m
RT: 12.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

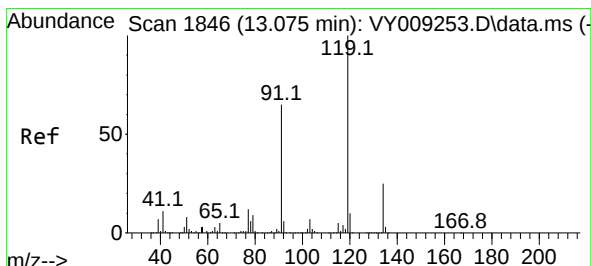
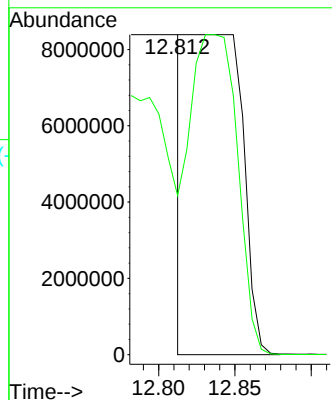
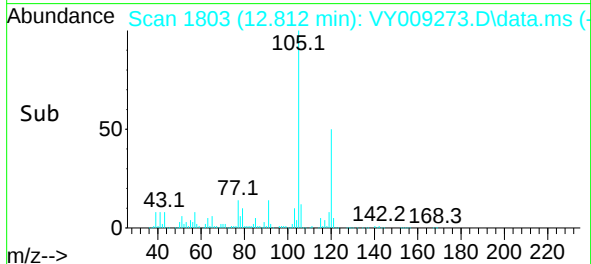
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5



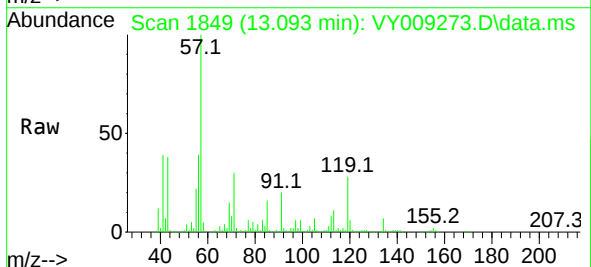
Tgt Ion:105 Resp:2143697
Ion Ratio Lower Upper
105 100
120 0.0 24.4 73.4#

Manual Integrations
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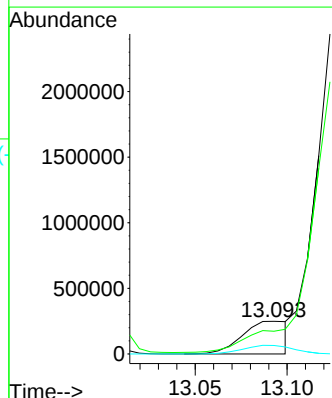
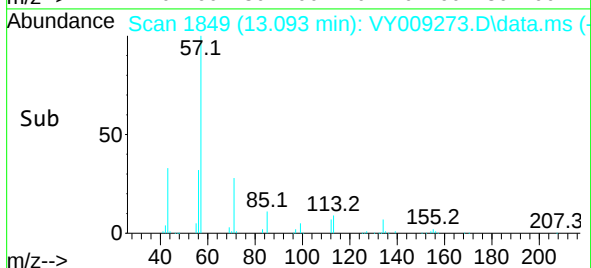
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

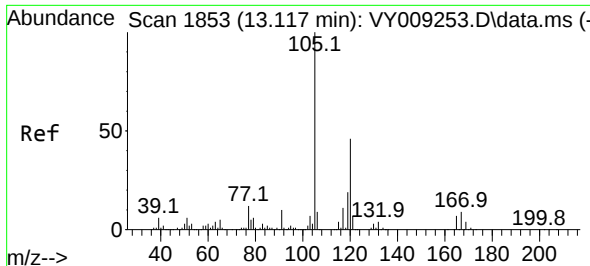


#83
tert-Butylbenzene
Concen: 120.691 ug/l m
RT: 13.093 min Scan# 1849
Delta R.T. 0.018 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48



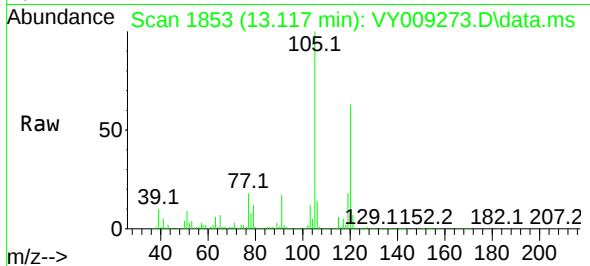
Tgt Ion:119 Resp: 424026
Ion Ratio Lower Upper
119 100
91 1998.9 34.8 104.4#
134 0.0 13.3 39.9#





#84
1,2,4-Trimethylbenzene
Concen: 8305.909 ug/l m
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

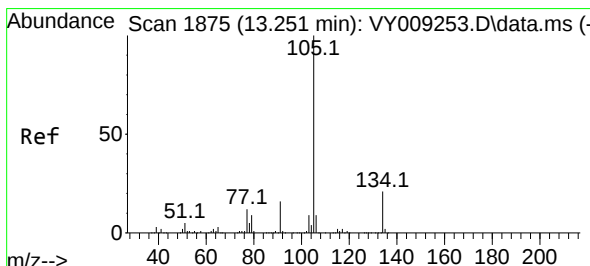
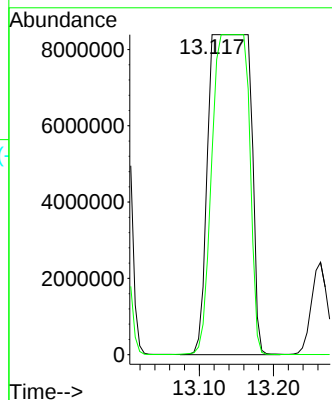
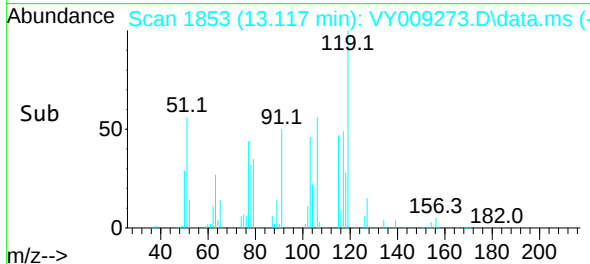
Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5



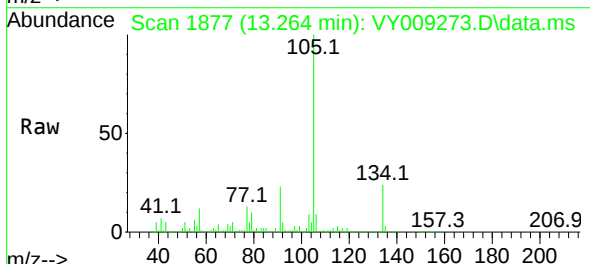
Tgt Ion:105 Resp:3278976
Ion Ratio Lower Upper
105 100
120 0.0 22.3 66.9

Manual Integrations
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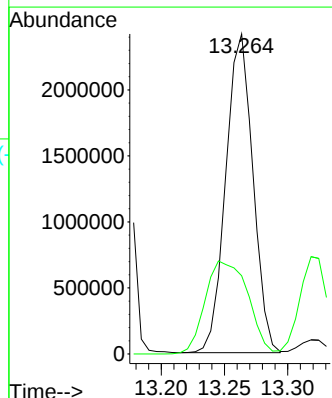
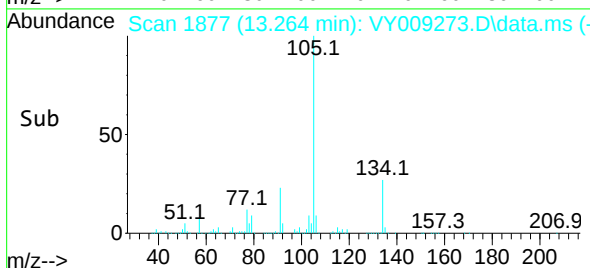
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

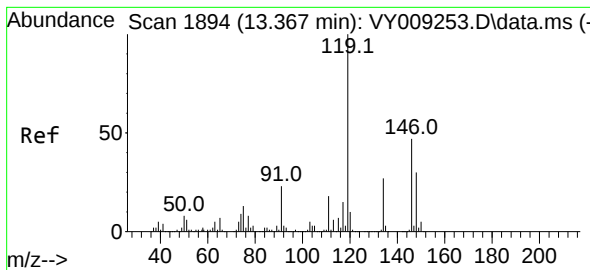


#85
sec-Butylbenzene
Concen: 684.901 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.013 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48



Tgt Ion:105 Resp: 3602086
Ion Ratio Lower Upper
105 100
134 45.7 10.2 30.4





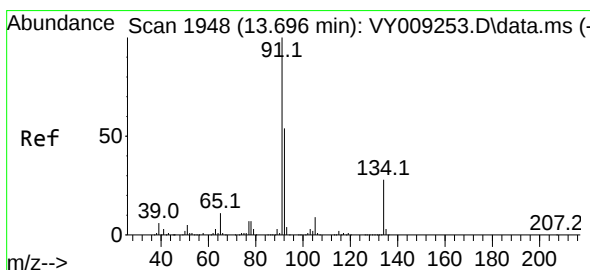
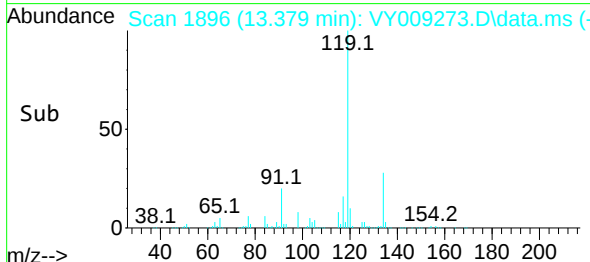
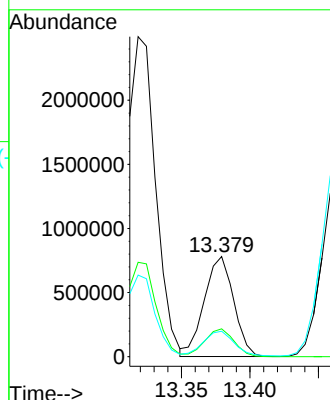
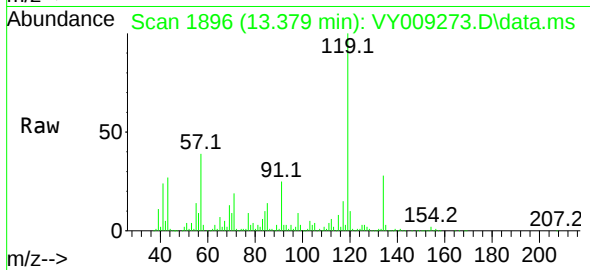
#86
p-Isopropyltoluene
Concen: 266.548 ug/l
RT: 13.379 min Scan# 119
Delta R.T. 0.012 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5

Tgt Ion:119 Resp: 1165124
Ion Ratio Lower Upper
119 100
134 28.0 13.2 39.5
91 25.5 12.4 37.2

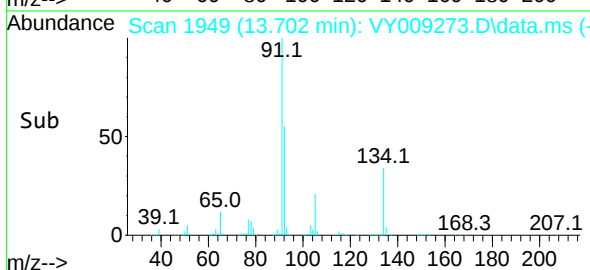
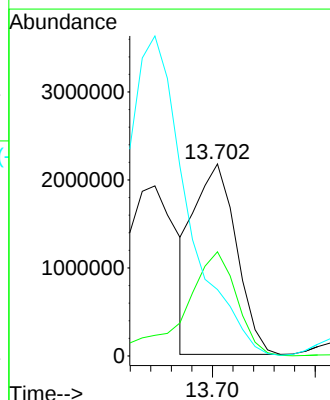
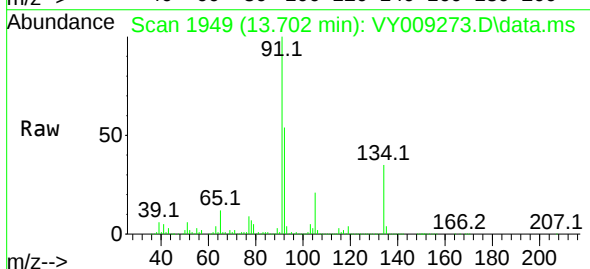
Manual Integrations
APPROVED

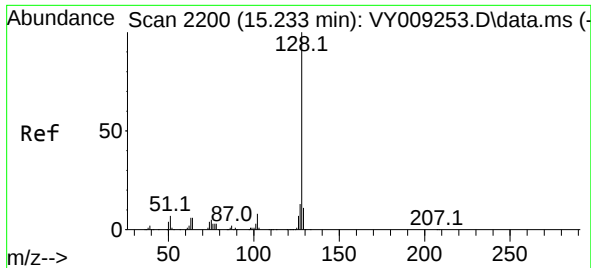
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#89
n-Butylbenzene
Concen: 766.276 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

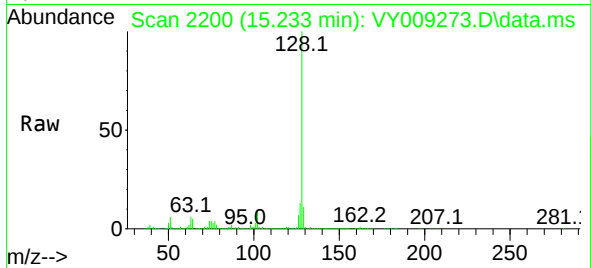
Tgt Ion: 91 Resp: 3119313
Ion Ratio Lower Upper
91 100
92 66.6 26.3 78.9
134 0.0 13.0 38.9#





#95
Naphthalene
Concen: 1046.084 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009273.D
Acq: 22 Jun 2022 14:48

Instrument :
MSVOA_Y
ClientSampleId :
B2201-27.5



Tgt Ion:128 Resp: 262810
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

