

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069920.D
 Acq On : 9 Dec 2021 18:53
 Operator : JC/MD
 Sample : M4969-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/15/2021

Quant Time: Dec 10 06:20:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1203130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2210890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2504683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1108185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	927607	49.935	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.860%		
35) Dibromofluoromethane	8.024	113	672323	48.548	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.100%		
50) Toluene-d8	10.440	98	2881499	51.820	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.640%		
62) 4-Bromofluorobenzene	12.731	95	1267431	62.915	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	125.840%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.374	59	1783520	507.926	ug/l	99
16) Acetone	4.288	43	74597m	6.676	ug/l	
19) Methyl tert-butyl Ether	5.618	73	1417027	31.800	ug/l #	82
22) Diisopropyl ether	6.498	45	509585	10.096	ug/l #	87
39) Methylcyclohexane	9.459	83	41816	1.670	ug/l #	84
40) Benzene	8.461	78	7025901	109.212	ug/l	99
52) Toluene	10.507	92	36981	0.942	ug/l	95
67) Ethyl Benzene	11.846	91	56277	0.610	ug/l	92
68) m/p-Xylenes	11.953	106	17016	0.506	ug/l	87
69) o-Xylene	12.280	106	14364	0.424	ug/l	86
73) Isopropylbenzene	12.578	105	62303	0.632	ug/l	98
78) n-propylbenzene	12.921	91	165786m	1.511	ug/l	
80) 1,3,5-Trimethylbenzene	13.061	105	24461	0.308	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	36588	0.484	ug/l	98
85) sec-Butylbenzene	13.501	105	60008	0.630	ug/l	91
89) n-Butylbenzene	13.940	91	32283	0.534	ug/l #	73
95) Naphthalene	15.504	128	579571	13.834	ug/l	100

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

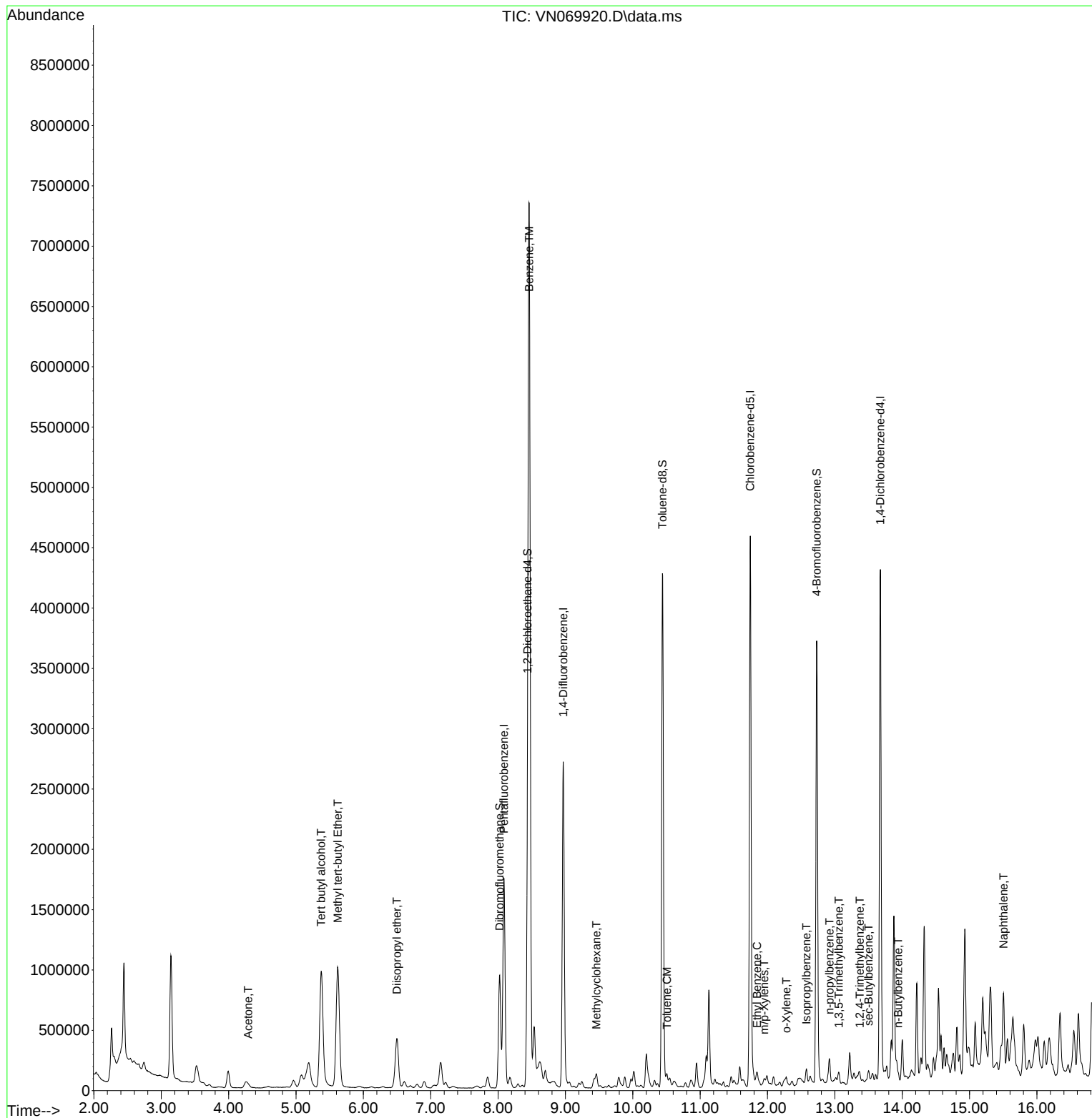
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069920.D
Acq On : 9 Dec 2021 18:53
Operator : JC/MD
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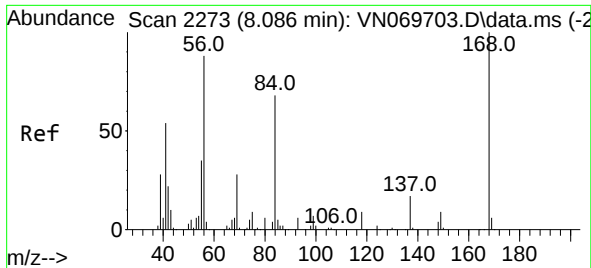
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Supervised By : Semsettin Yesilyurt 12/15/2021

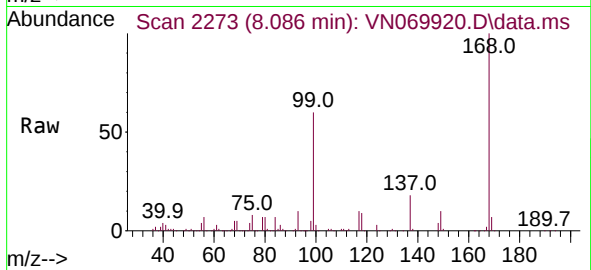
Quant Time: Dec 10 06:20:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

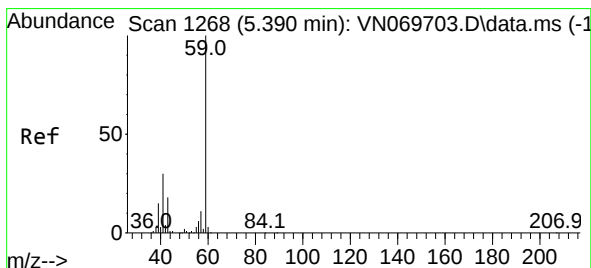
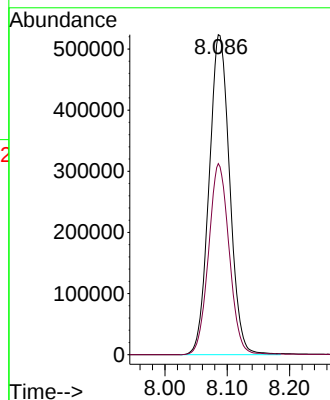
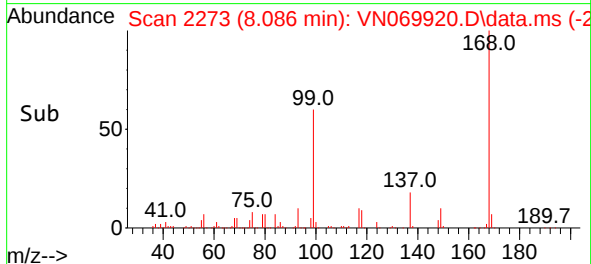
Instrument :
MSVOA_N
ClientSampleId :
MW-3



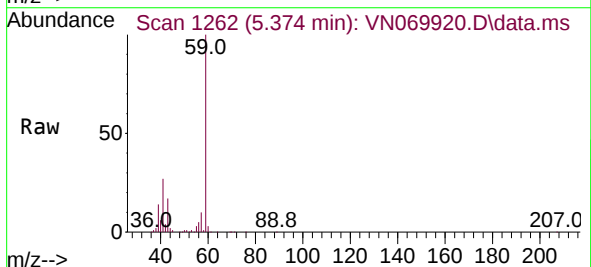
Tgt Ion:168 Resp: 1203130
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9

Manual Integrations
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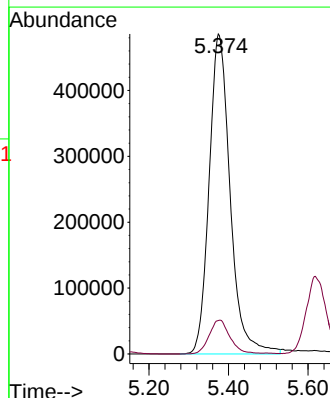
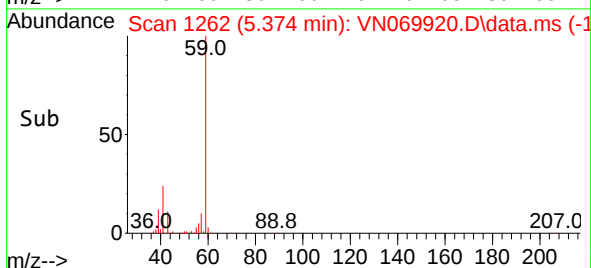
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021

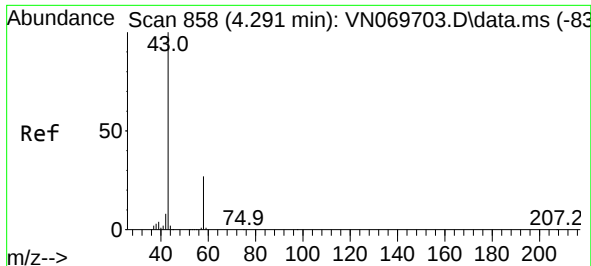


#11
Tert butyl alcohol
Concen: 507.926 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.016 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53



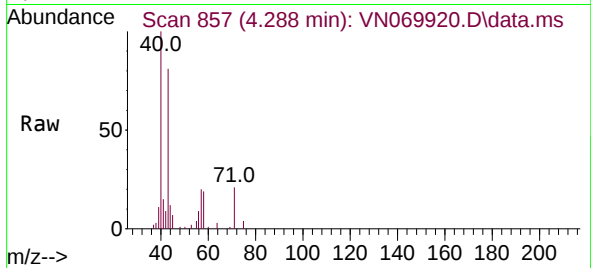
Tgt Ion: 59 Resp: 1783520
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1





#16
Acetone
Concen: 6.676 ug/l m
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

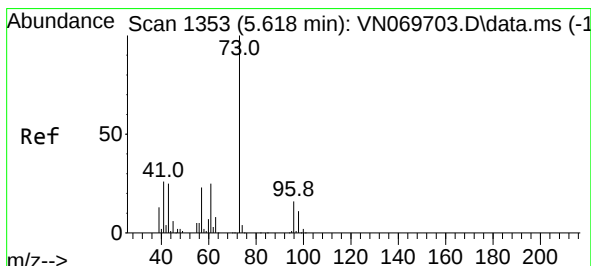
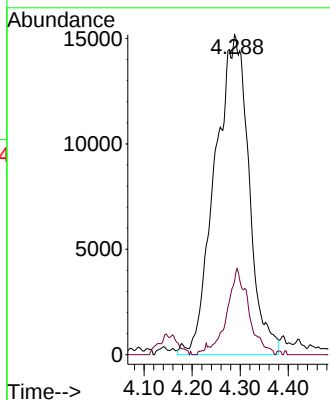
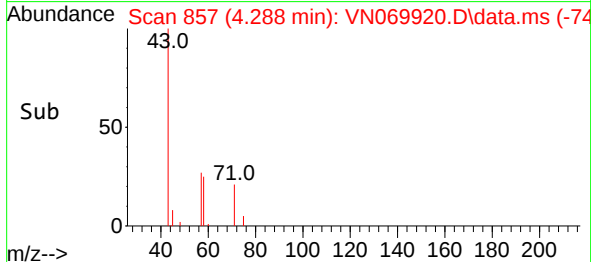
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Tgt Ion: 43 Resp: 74597
Ion Ratio Lower Upper
43 100
58 22.9 23.1 34.7

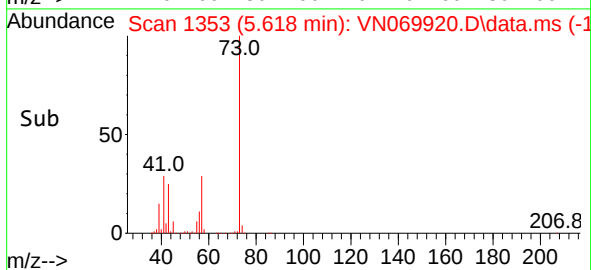
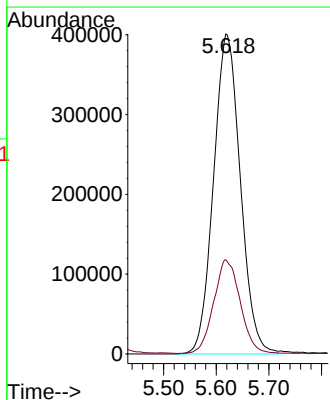
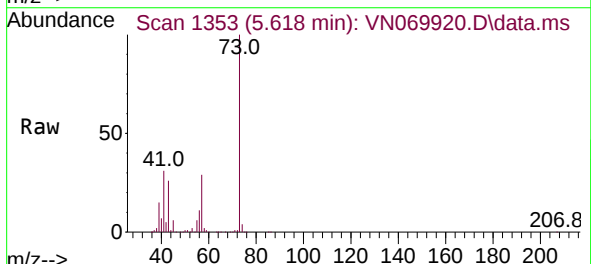
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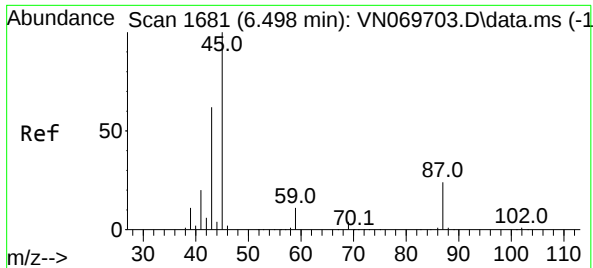
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021



#19
Methyl tert-butyl Ether
Concen: 31.800 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

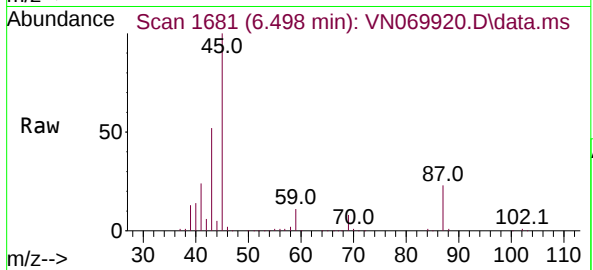
Tgt Ion: 73 Resp: 1417027
Ion Ratio Lower Upper
73 100
57 29.2 16.8 25.2





#22
Diisopropyl ether
Concen: 10.096 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

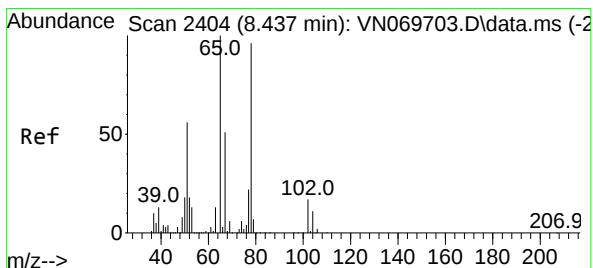
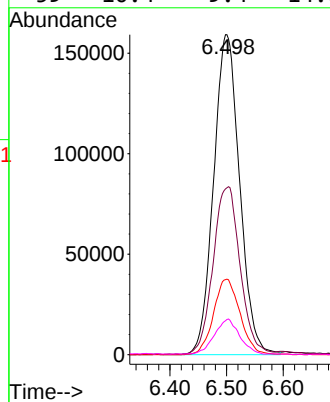
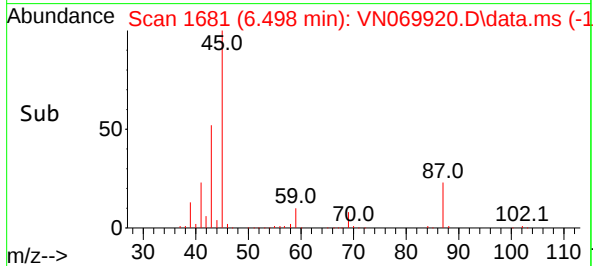
Instrument :
MSVOA_N
ClientSampleId :
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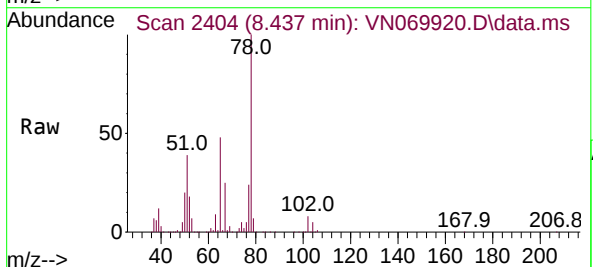
Tgt Ion: 45 Resp: 50958
Ion Ratio Lower Upper
45 100
43 51.6 51.7 77.5
87 23.5 23.2 34.8
59 10.4 9.4 14.0

Manual Integrations
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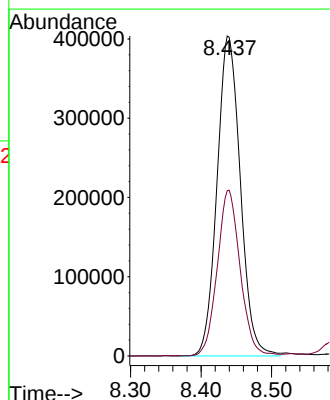
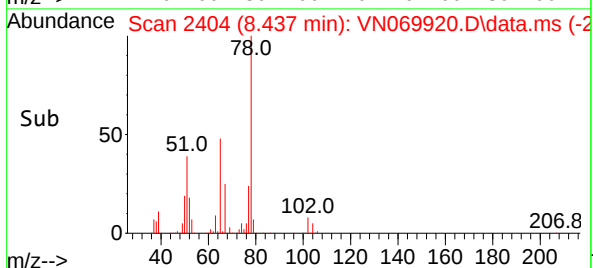
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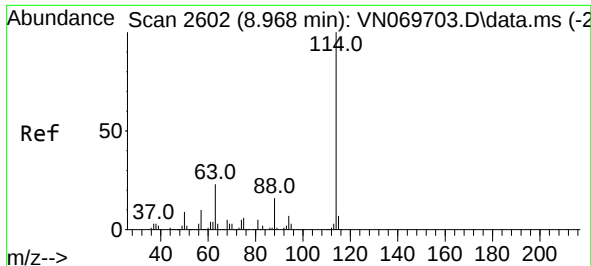


#33
1,2-Dichloroethane-d4
Concen: 49.935 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53



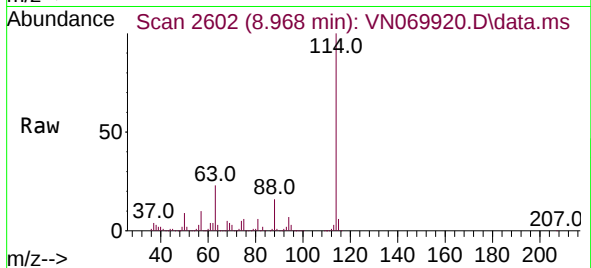
Tgt Ion: 65 Resp: 927607
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

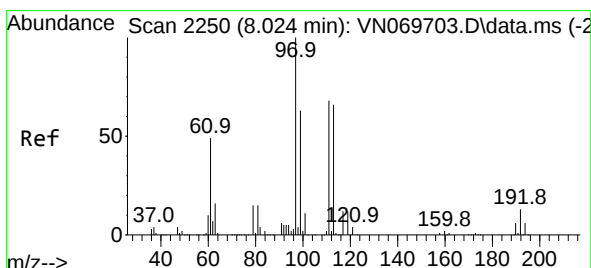
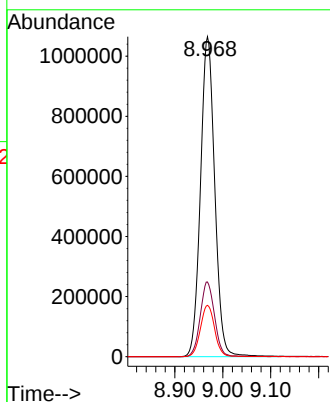
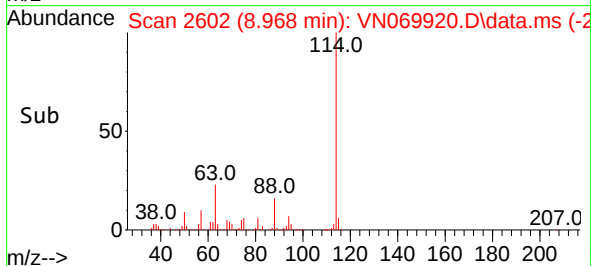
Instrument :
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Tgt Ion:114 Resp: 2210890
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.0 0.0 27.4

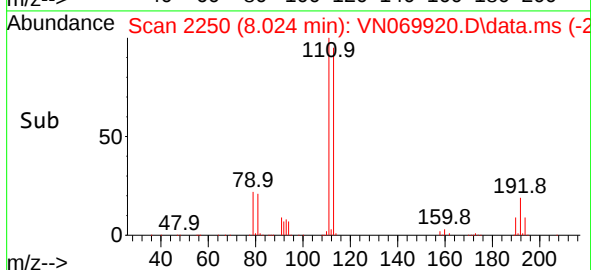
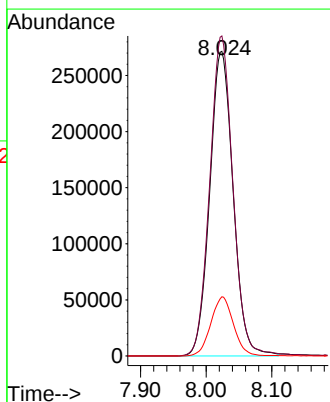
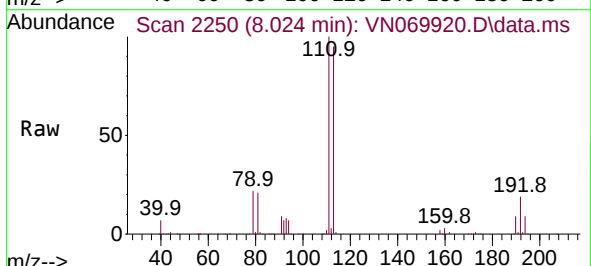
Manual Integrations
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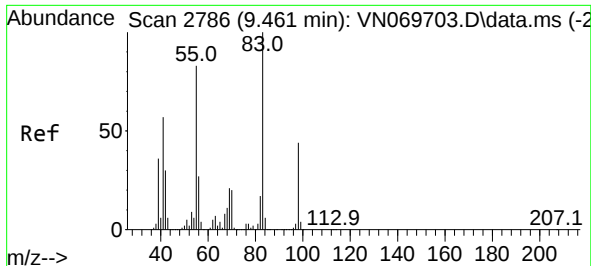
Reviewed By :Mahesh Dadoda 12/15/2021
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#35
Dibromofluoromethane
Concen: 48.548 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

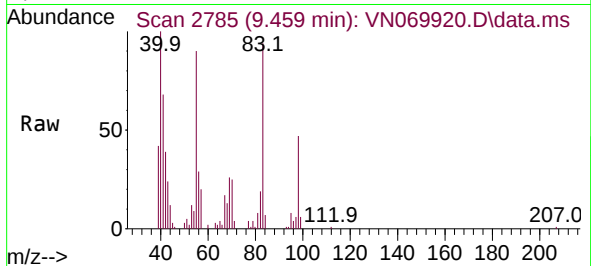
Tgt Ion:113 Resp: 672323
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 18.9 16.9 25.3





#39
Methylcyclohexane
Concen: 1.670 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

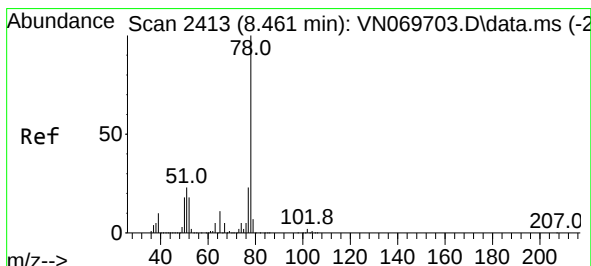
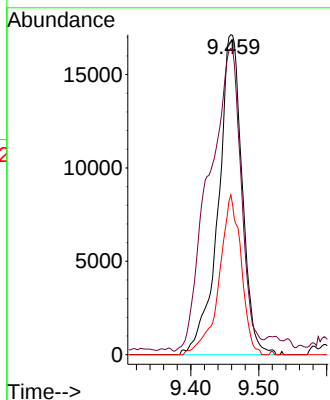
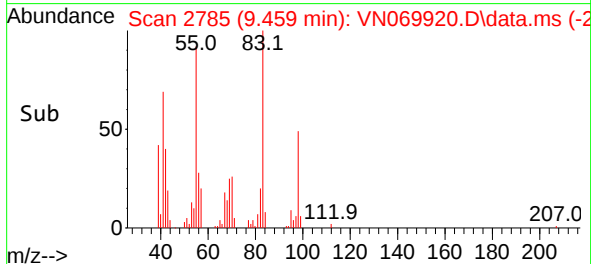
Instrument :
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Tgt Ion: 83 Resp: 41810
Ion Ratio Lower Upper
83 100
55 93.8 58.1 87.1
98 50.0 38.4 57.6

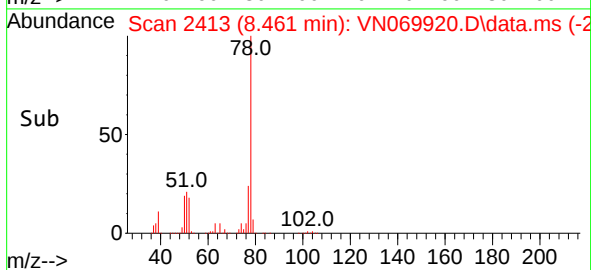
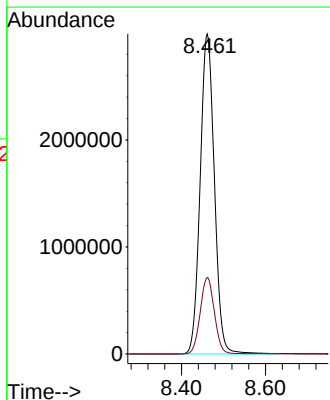
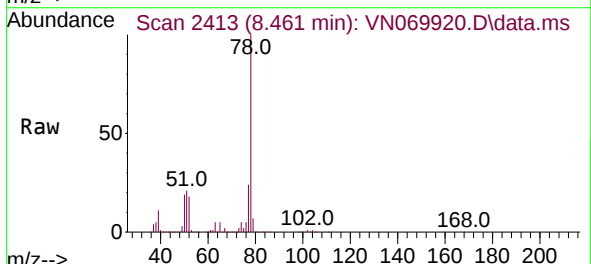
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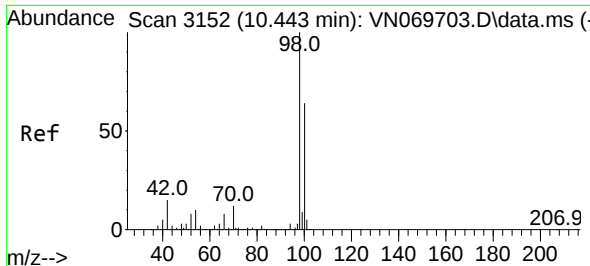
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021



#40
Benzene
Concen: 109.212 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

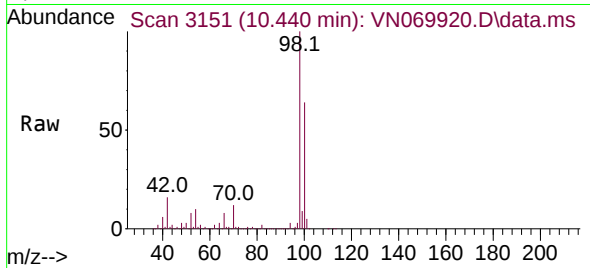
Tgt Ion: 78 Resp: 7025901
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#50
Toluene-d8
Concen: 51.820 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

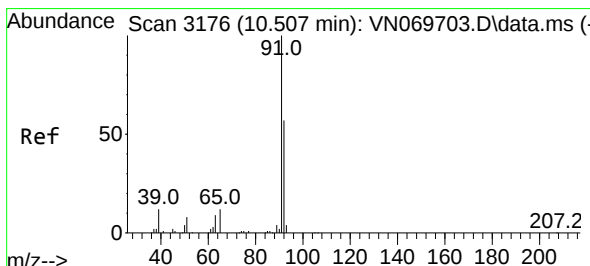
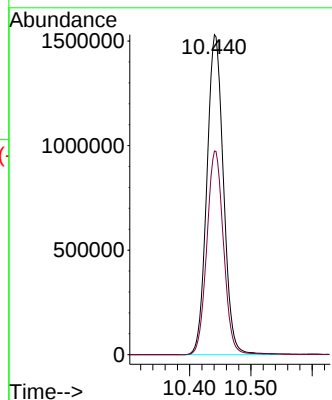
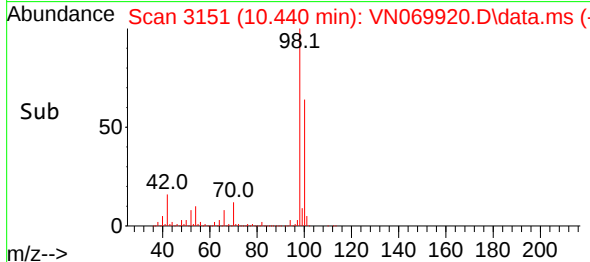
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Tgt Ion: 98 Resp: 2881499
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

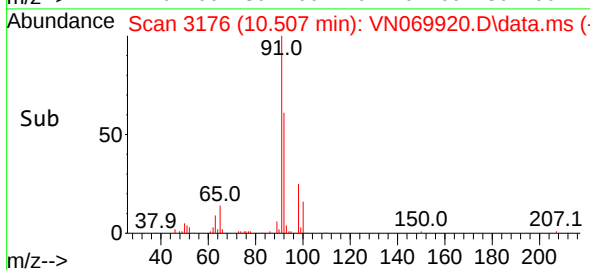
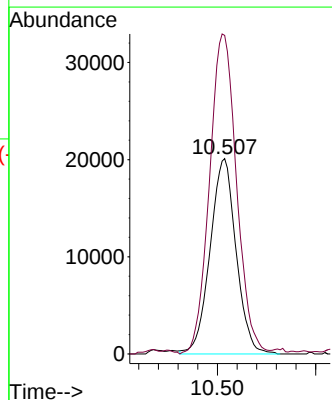
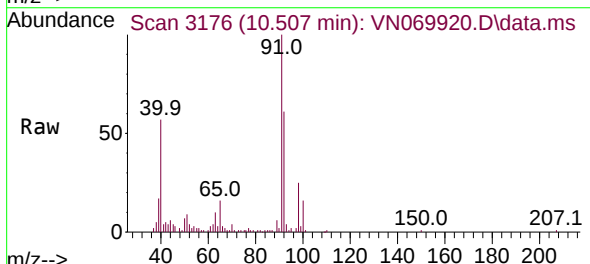
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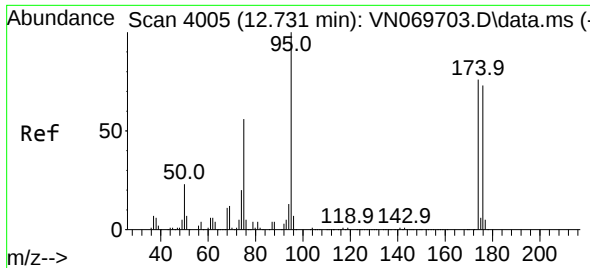
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021



#52
Toluene
Concen: 0.942 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

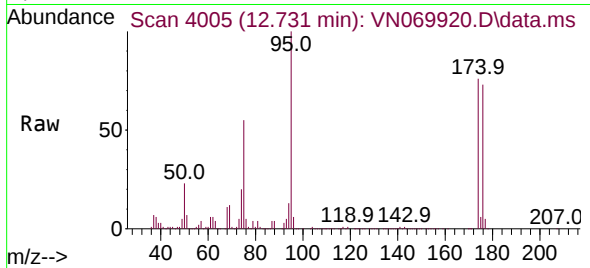
Tgt Ion: 92 Resp: 36981
Ion Ratio Lower Upper
92 100
91 170.7 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 62.915 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

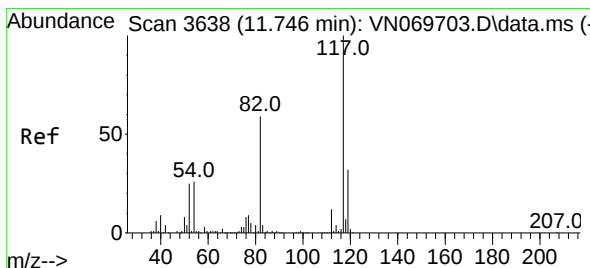
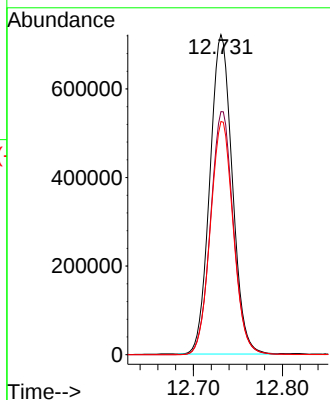
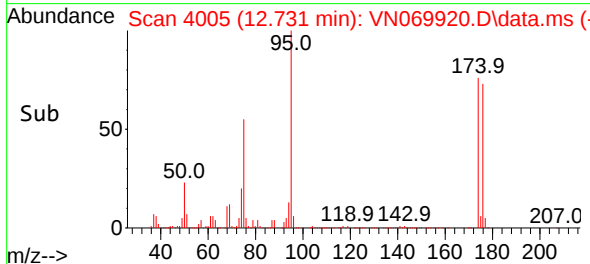
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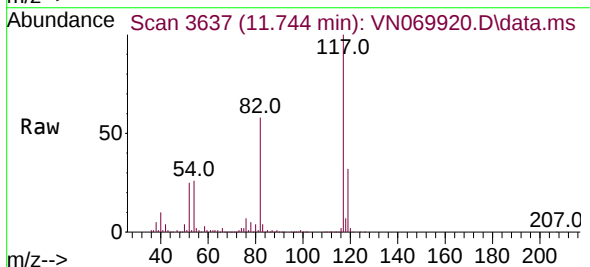
Tgt Ion: 95 Resp: 126743
Ion Ratio Lower Upper
95 100
174 77.3 0.0 187.2
176 74.5 0.0 181.4

Manual Integrations
APPROVED

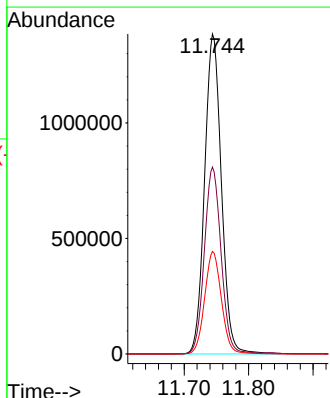
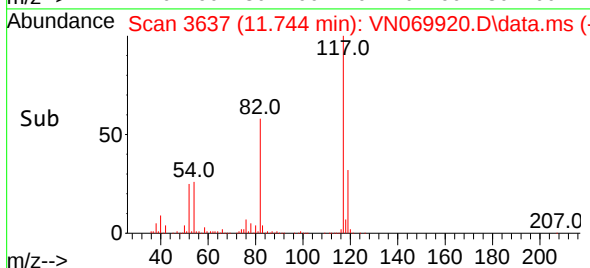
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021

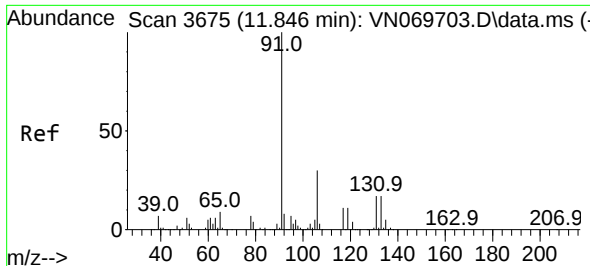


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53



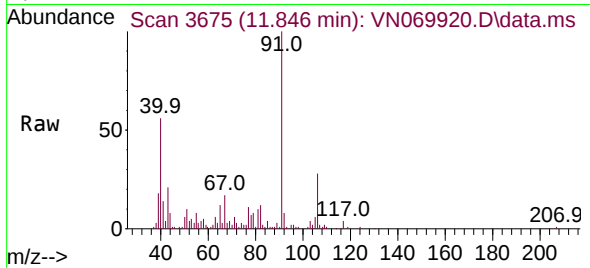
Tgt Ion:117 Resp: 2504683
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.1 25.4 38.2





#67
Ethyl Benzene
Concen: 0.610 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

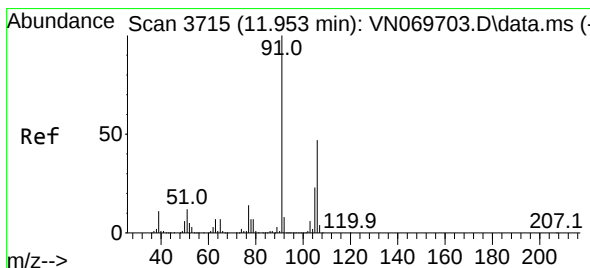
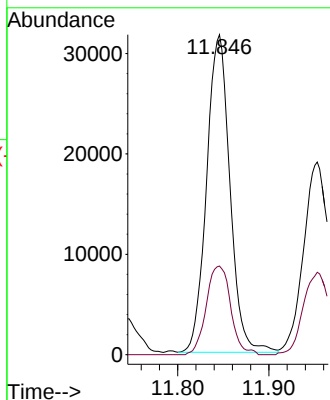
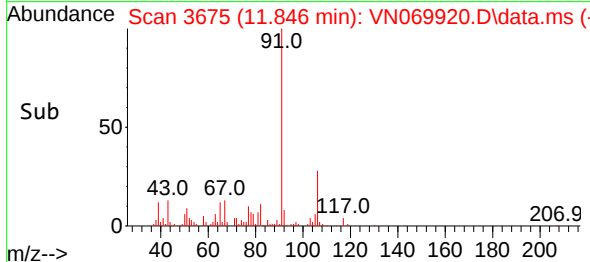
Instrument :
MSVOA_N
ClientSampleId :
MW-3



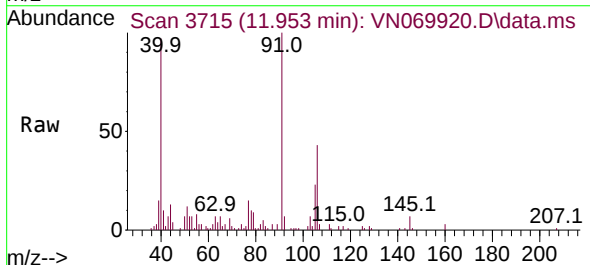
Tgt Ion: 91 Resp: 5627
Ion Ratio Lower Upper
91 100
106 27.9 25.7 38.5

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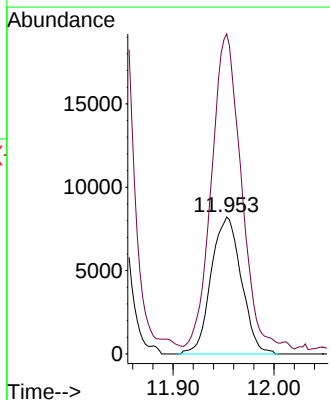
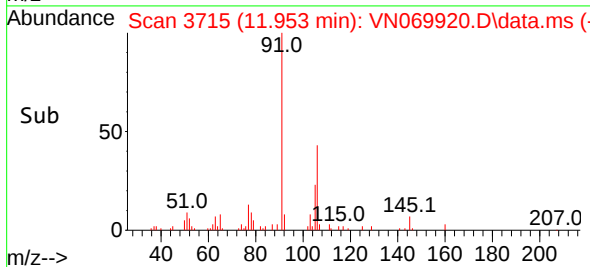
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021

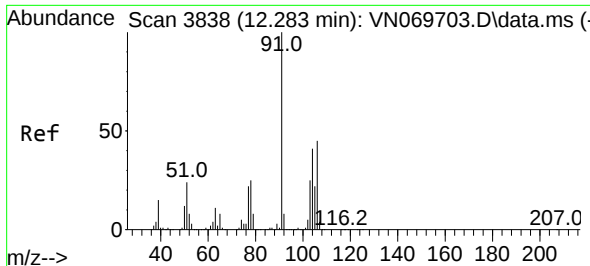


#68
m/p-Xylenes
Concen: 0.506 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53



Tgt Ion:106 Resp: 17016
Ion Ratio Lower Upper
106 100
91 220.2 160.6 240.8





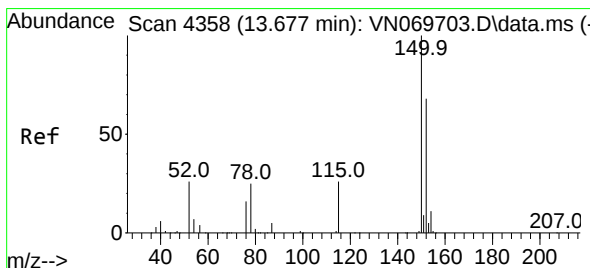
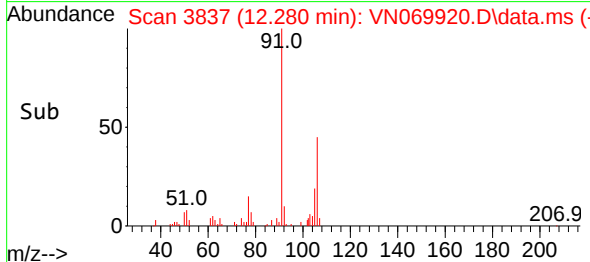
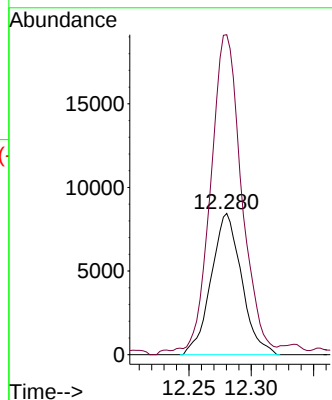
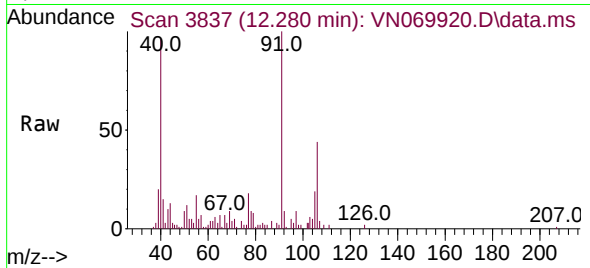
#69
o-Xylene
Concen: 0.424 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:106 Resp: 14364
Ion Ratio Lower Upper
106 100
91 233.1 105.8 317.3

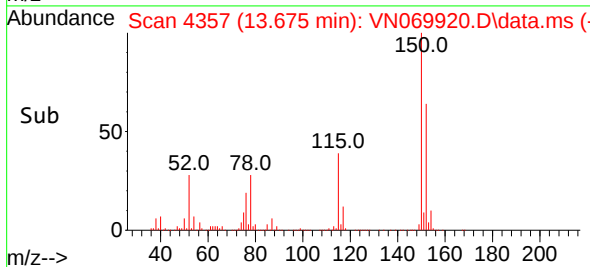
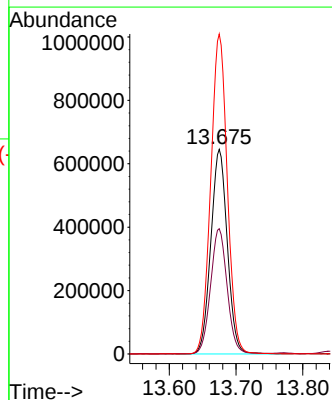
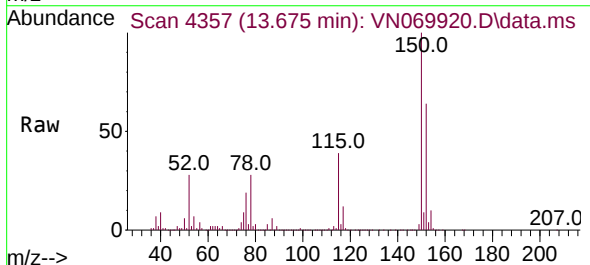
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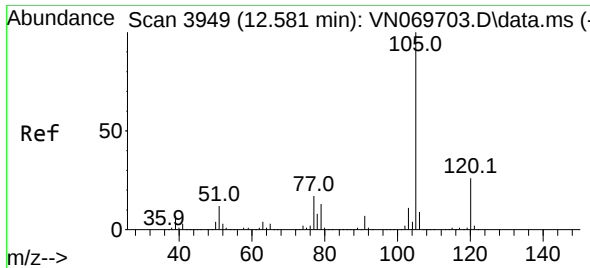
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

Tgt Ion:152 Resp: 1108185
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 156.7 0.0 344.4





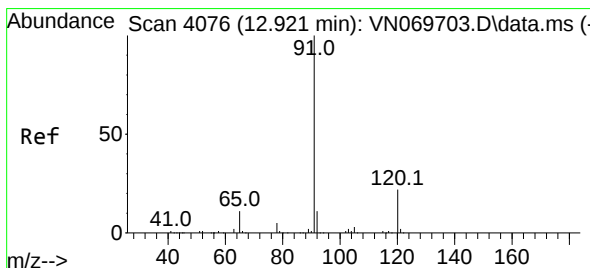
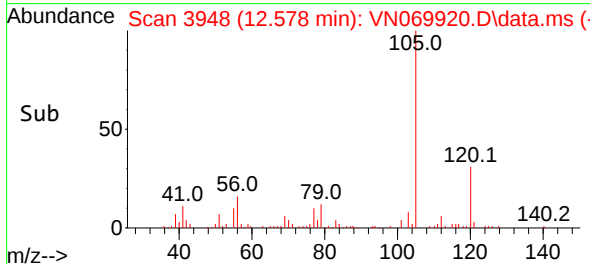
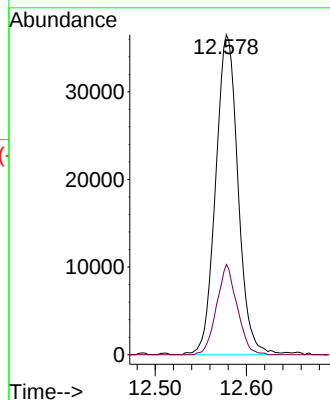
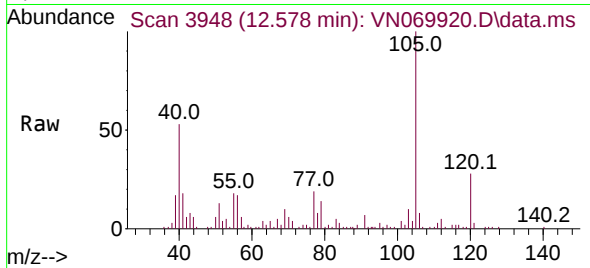
#73
Isopropylbenzene
Concen: 0.632 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:105 Resp: 6230
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

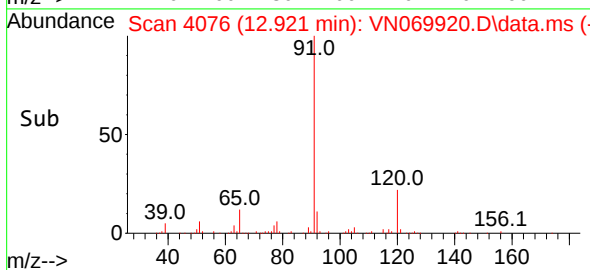
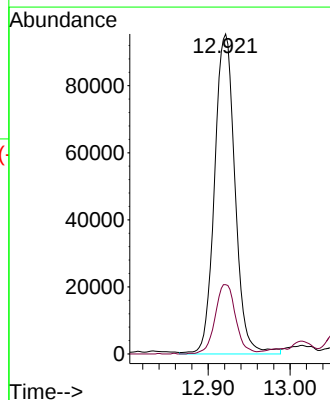
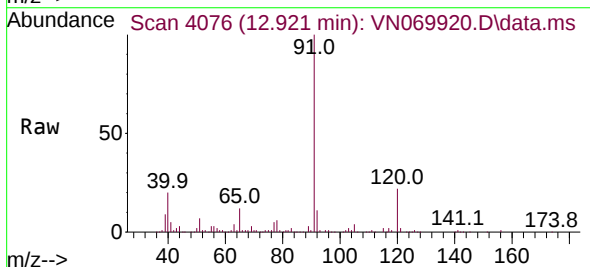
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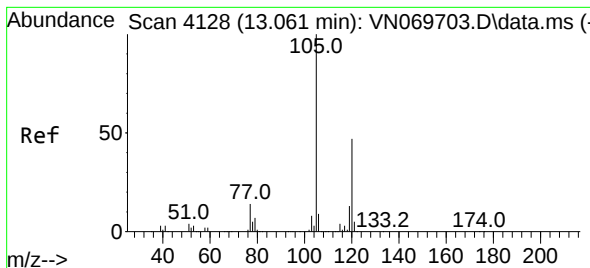
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021



#78
n-propylbenzene
Concen: 1.511 ug/l m
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

Tgt Ion: 91 Resp: 165786
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.9#





#80

1,3,5-Trimethylbenzene

Concen: 0.308 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. 0.000 min

Lab File: VN069920.D

Acq: 9 Dec 2021 18:53

Instrument :

MSVOA_N

ClientSampleId :

MW-3

Tgt Ion:105 Resp: 2446

Ion Ratio Lower Upper

105 100

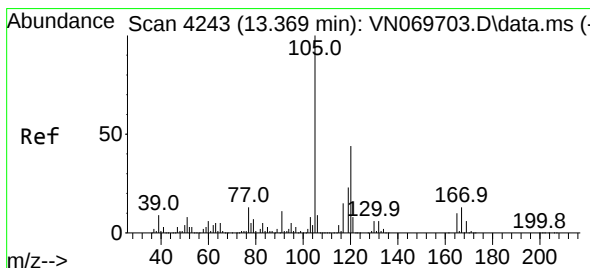
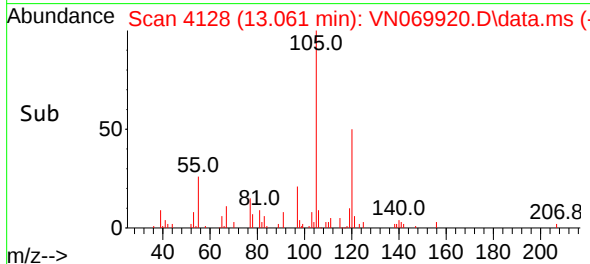
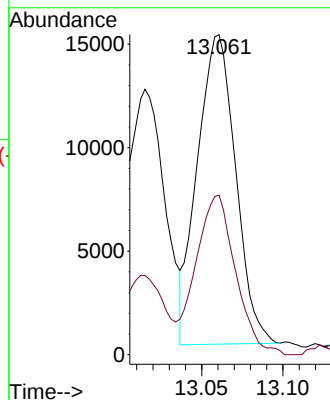
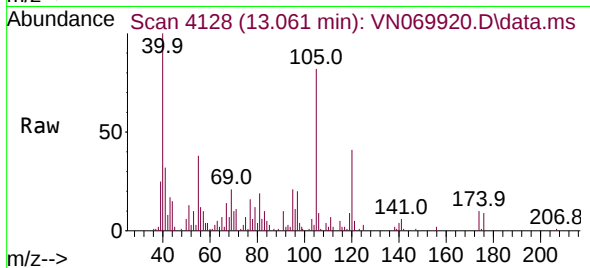
120 53.7 24.6 73.6

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Reviewed By :Mahesh Dadoda 12/15/2021

Supervised By :Semsettin Yesilyurt 12/15/2021



#84

1,2,4-Trimethylbenzene

Concen: 0.484 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN069920.D

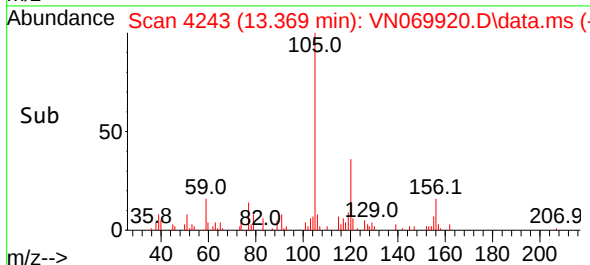
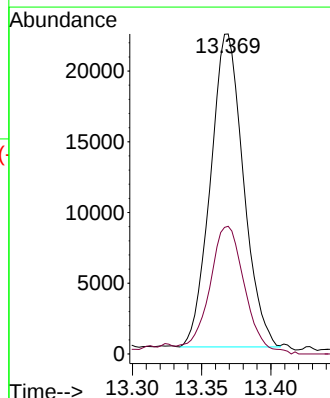
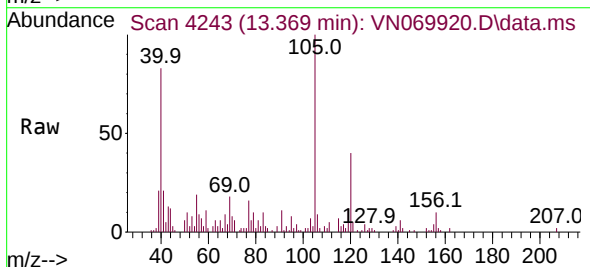
Acq: 9 Dec 2021 18:53

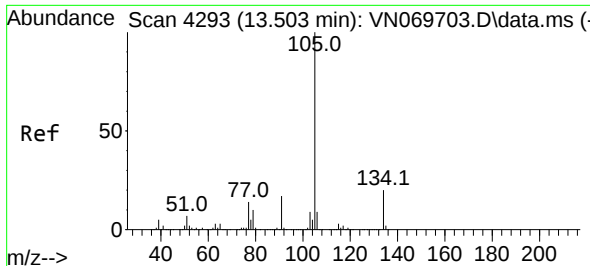
Tgt Ion:105 Resp: 36588

Ion Ratio Lower Upper

105 100

120 44.2 22.8 68.4





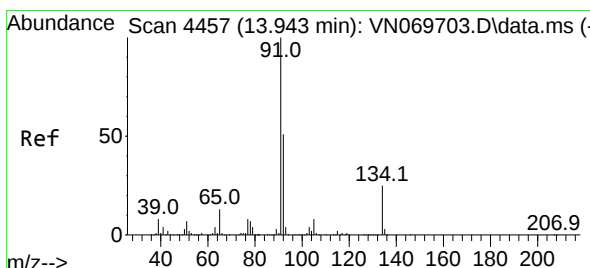
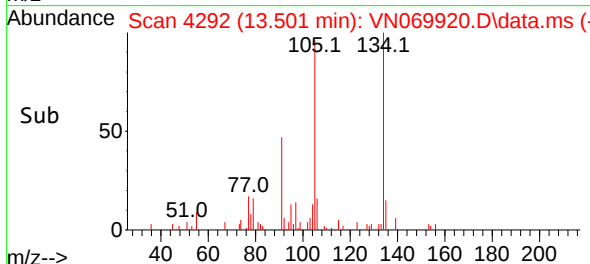
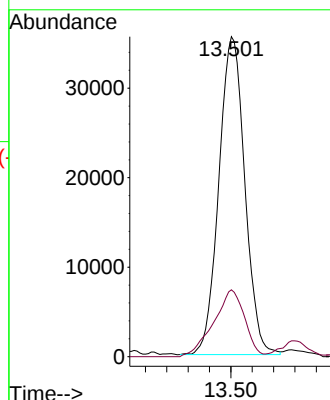
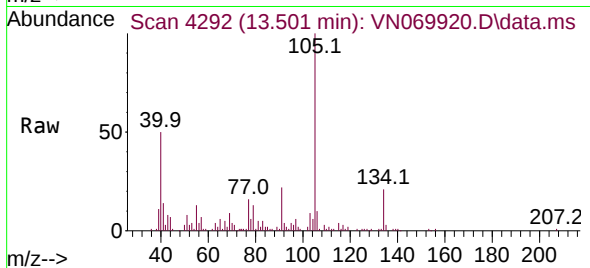
#85
 sec-Butylbenzene
 Concen: 0.630 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069920.D
 Acq: 9 Dec 2021 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tgt Ion:105 Resp: 6000
 Ion Ratio Lower Upper
 105 100
 134 25.1 10.4 31.1

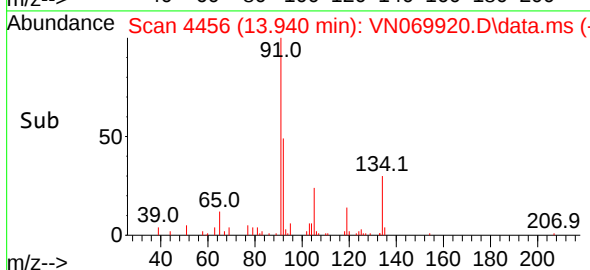
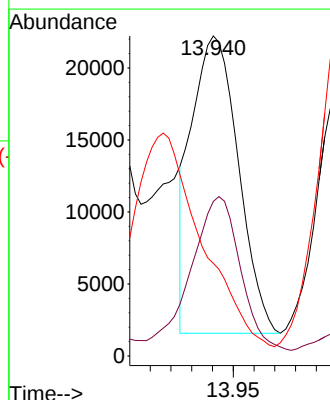
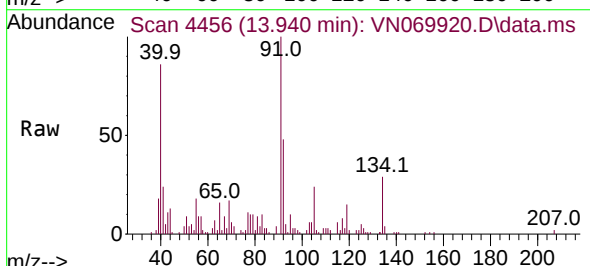
Manual Integrations
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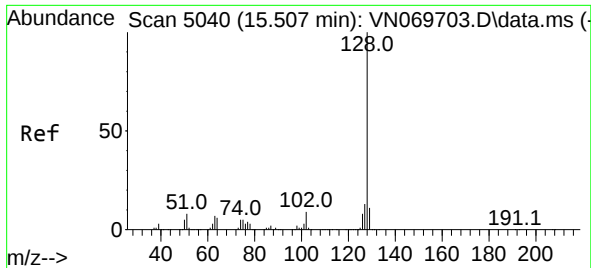
Reviewed By :Mahesh Dadoda 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/15/2021



#89
 n-Butylbenzene
 Concen: 0.534 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. -0.003 min
 Lab File: VN069920.D
 Acq: 9 Dec 2021 18:53

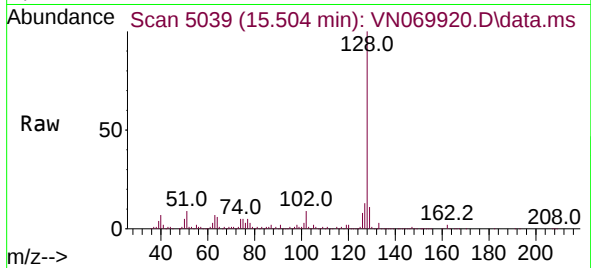
Tgt Ion: 91 Resp: 32283
 Ion Ratio Lower Upper
 91 100
 92 60.1 25.4 76.0
 134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 13.834 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069920.D
Acq: 9 Dec 2021 18:53

Instrument :
MSVOA_N
ClientSampleId :
MW-3



Tgt Ion:128 Resp: 57957
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.7 13.1

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Supervised By :Semsettin Yesilyurt 12/15/2021

