

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070631.D
 Acq On : 14 Jan 2022 18:37
 Operator : JC/MD
 Sample : N1148-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-33

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/28/2022
 Supervised By :Semsettin Yesilyurt 01/28/2022

Quant Time: Jan 17 05:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	886653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1491146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1379329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	601124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	690112	54.133	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.260%			
35) Dibromofluoromethane	8.024	113	494081	54.763	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.520%			
50) Toluene-d8	10.441	98	2122093	57.577	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 115.160%			
62) 4-Bromofluorobenzene	12.731	95	766004	57.543	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.080%			
Target Compounds					Qvalue	
3) Chloromethane	2.303	50	4306	0.315	ug/l	93
11) Tert butyl alcohol	5.382	59	576653	271.664	ug/l #	71
19) Methyl tert-butyl Ether	5.621	73	3240839	96.640	ug/l #	1
22) Diisopropyl ether	6.503	45	59306	1.487	ug/l #	86
31) Cyclohexane	8.094	56	848941	42.199	ug/l	85
39) Methylcyclohexane	9.459	83	1128229	62.440	ug/l	87
40) Benzene	8.461	78	1993178	43.560	ug/l	99
52) Toluene	10.505	92	279349	10.086	ug/l	96
67) Ethyl Benzene	11.843	91	5555196	103.598	ug/l	96
68) m/p-Xylenes	11.951	106	5029323	257.663	ug/l	95
69) o-Xylene	12.280	106	1794961	92.454	ug/l	92
73) Isopropylbenzene	12.578	105	1697294	30.405	ug/l	98
78) n-propylbenzene	12.919	91	5673921	91.735	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	7148415	159.798	ug/l	98
84) 1,2,4-Trimethylbenzene	13.359	105	17750569m	412.078	ug/l	
85) sec-Butylbenzene	13.501	105	786088	14.699	ug/l #	64
86) p-Isopropyltoluene	13.616	119	305882	7.281	ug/l	97
95) Naphthalene	15.504	128	2610790	93.694	ug/l	100

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

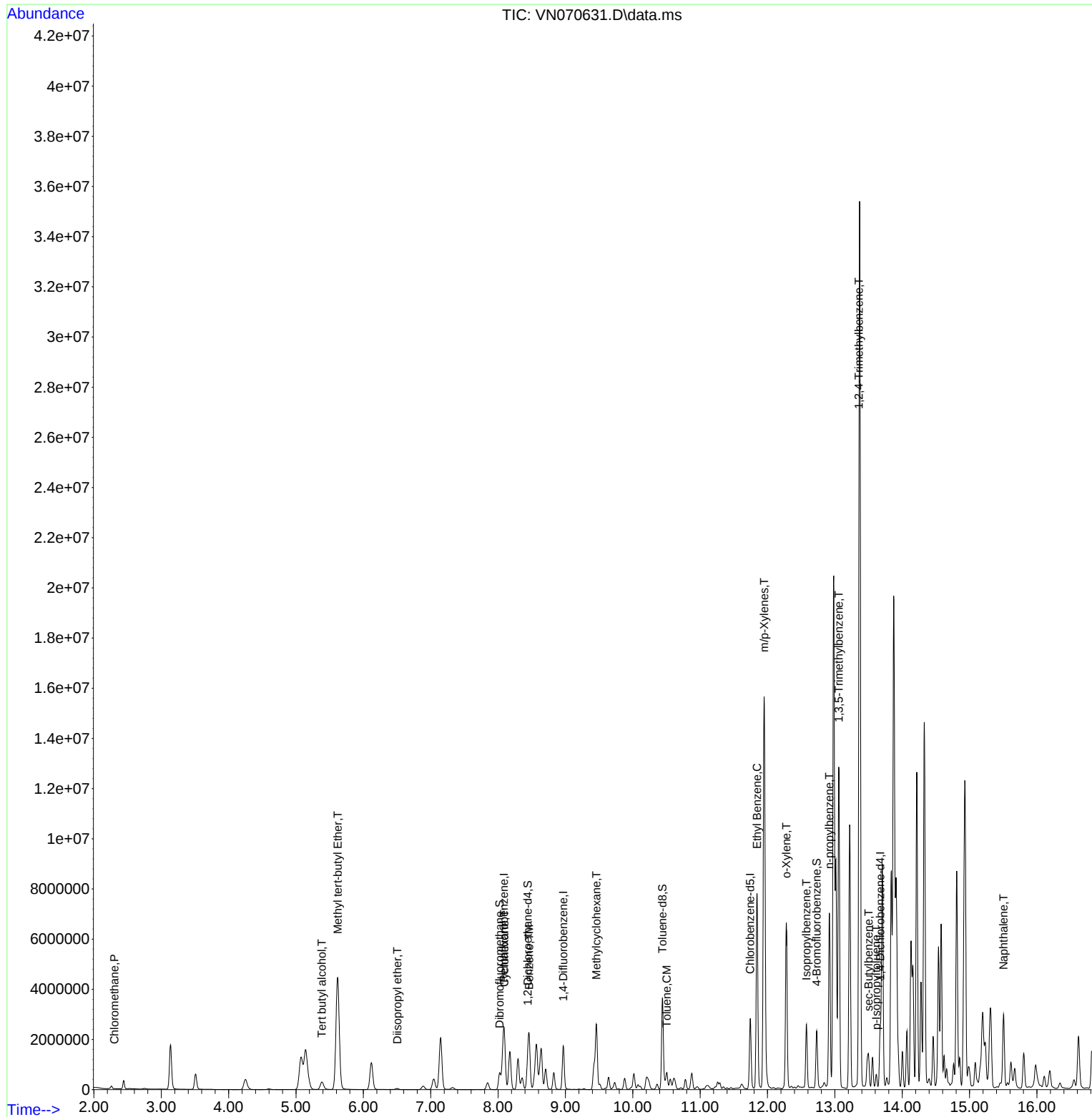
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070631.D
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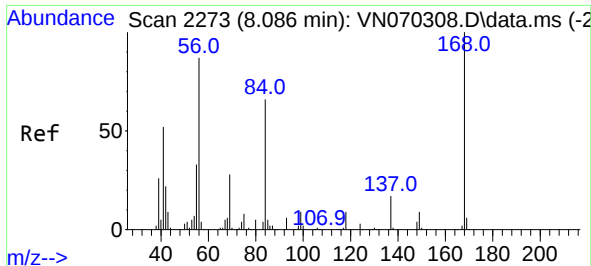
Instrument :
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ClientSampleId :
MW-33

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Supervised By :Semsettin Yesilyurt 01/28/2022

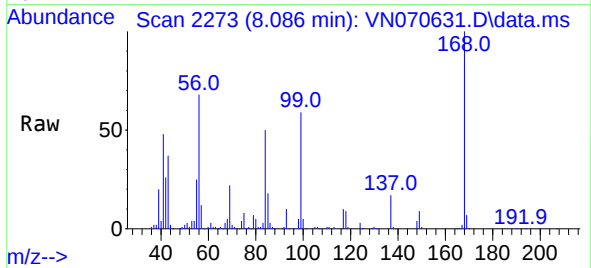
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

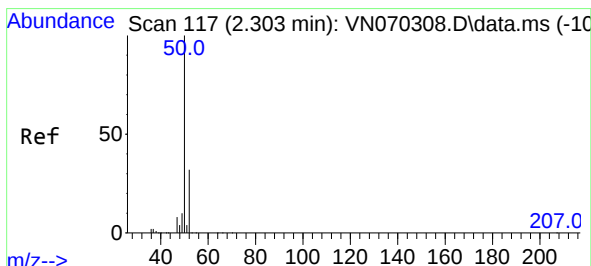
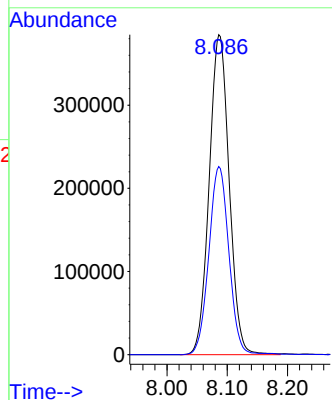
Instrument :
MSVOA_N
ClientSampleId :
MW-33



Tgt Ion: 168 Resp: 88665
Ion Ratio Lower Upper
168 100
99 58.8 41.3 61.9

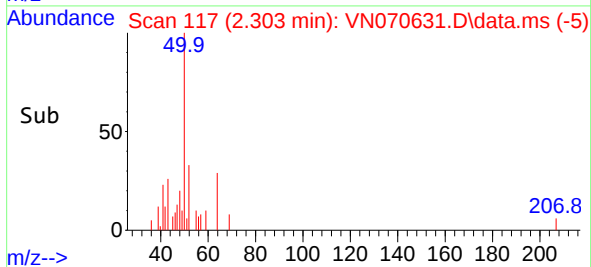
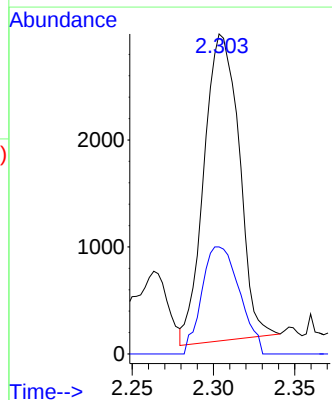
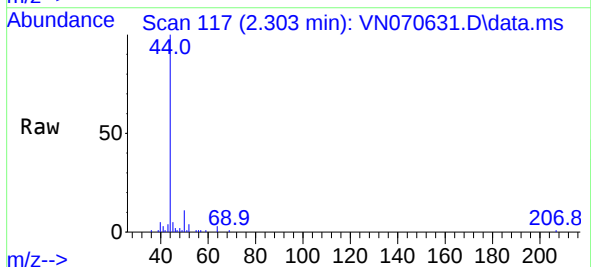
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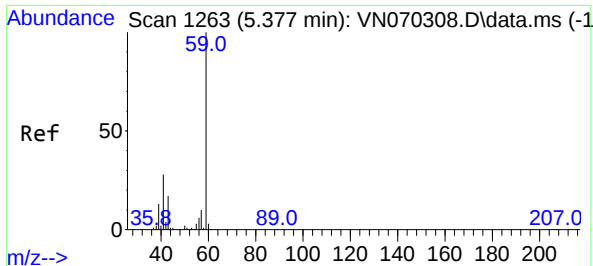
Reviewed By :Mahesh Dadoda 01/28/2022
Supervised By :Semsettin Yesilyurt 01/28/2022



#3
Chloromethane
Concen: 0.315 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 50 Resp: 4306
Ion Ratio Lower Upper
50 100
52 35.7 25.4 38.0





#11

Tert butyl alcohol

Concen: 271.664 ug/l

RT: 5.382 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

ClientSampleId :

MW-33

Tgt Ion: 59 Resp: 57665

Ion Ratio Lower Upper

59 100

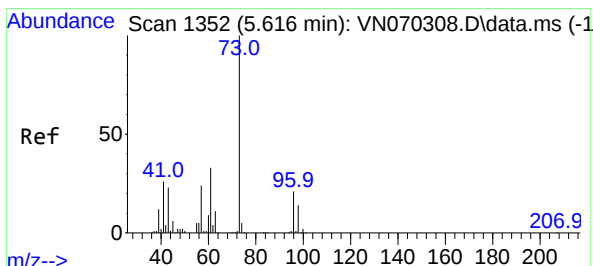
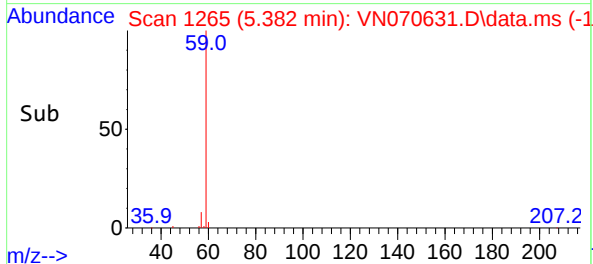
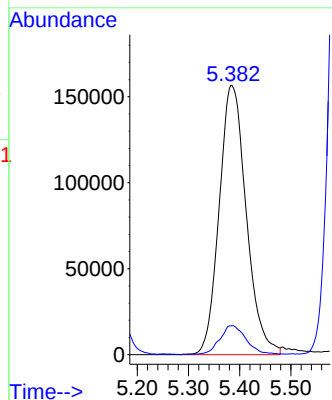
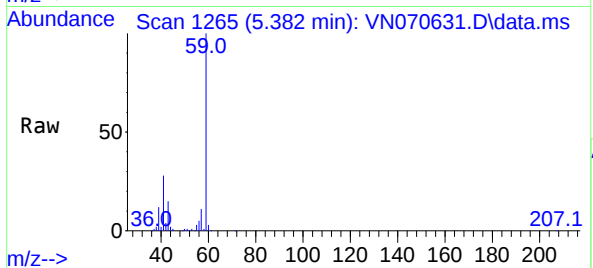
57 0.0 8.7 13.1

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#19

Methyl tert-butyl Ether

Concen: 96.640 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.005 min

Lab File: VN070631.D

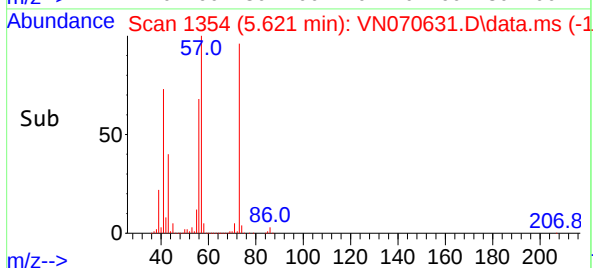
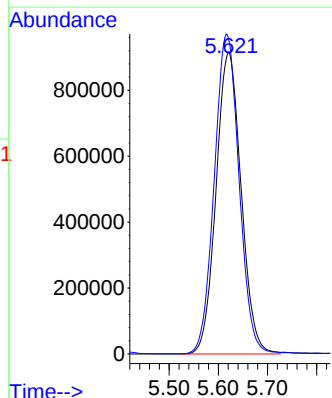
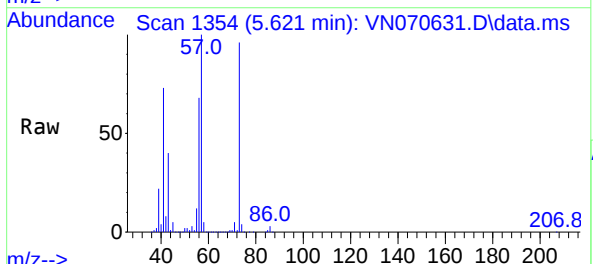
Acq: 14 Jan 2022 18:37

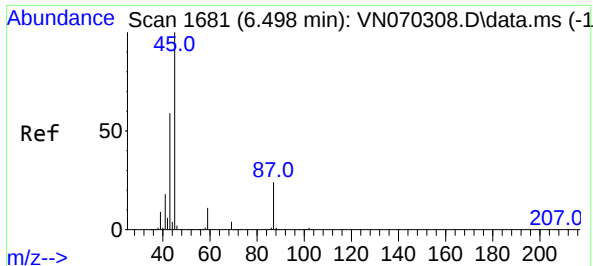
Tgt Ion: 73 Resp: 3240839

Ion Ratio Lower Upper

73 100

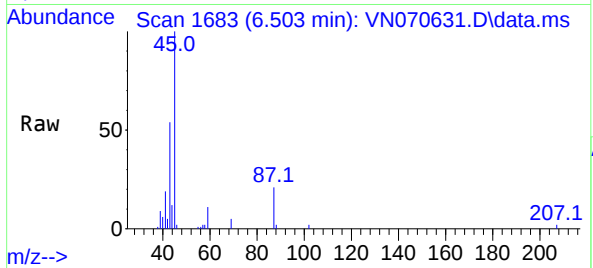
57 104.2 16.8 25.2#





#22
Diisopropyl ether
Concen: 1.487 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

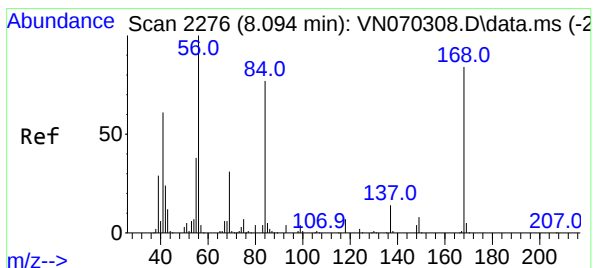
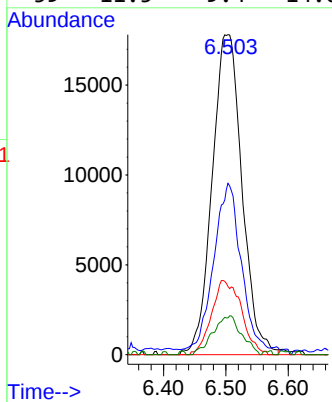
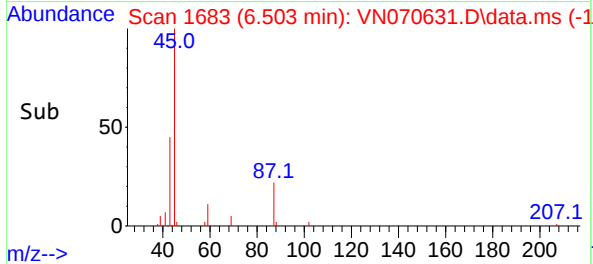
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 45 Resp: 59300
Ion Ratio Lower Upper
45 100
43 51.9 51.7 77.5
87 21.3 23.2 34.8
59 11.5 9.4 14.0

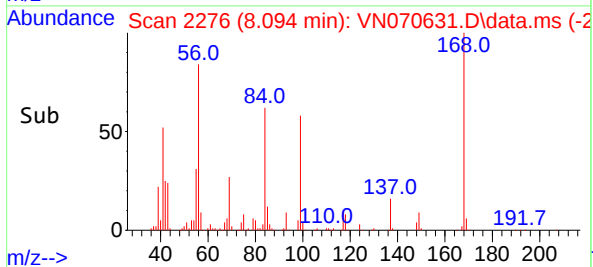
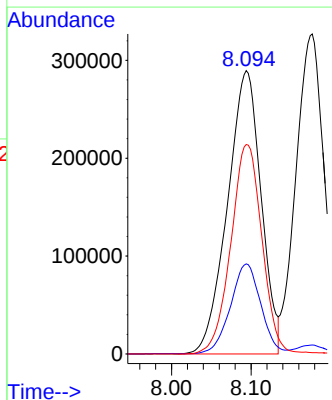
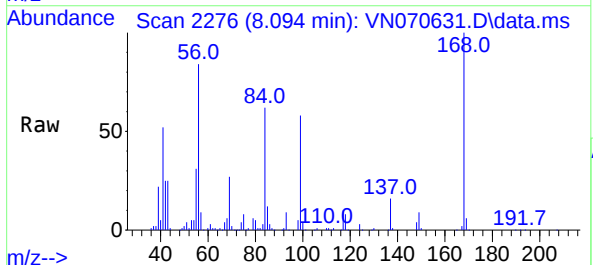
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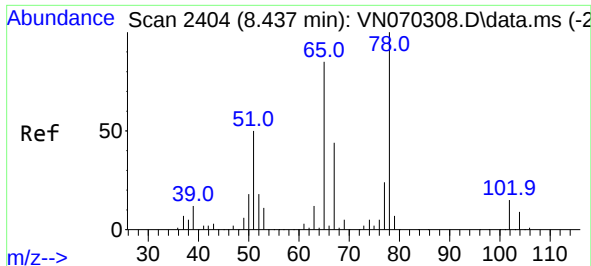
Reviewed By :Mahesh Dadoda 01/28/2022
Supervised By :Semsettin Yesilyurt 01/28/2022



#31
Cyclohexane
Concen: 42.199 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 56 Resp: 848941
Ion Ratio Lower Upper
56 100
69 31.7 27.1 40.7
84 73.9 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 54.133 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

ClientSampleId :

MW-33

Tgt Ion: 65 Resp: 69011

Ion Ratio Lower Upper

65 100

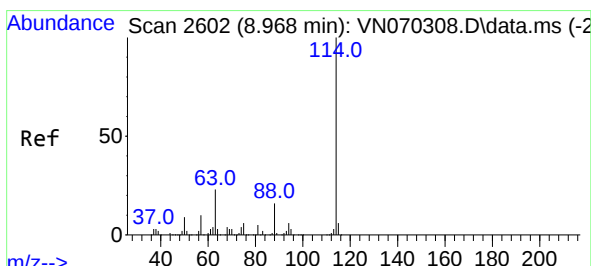
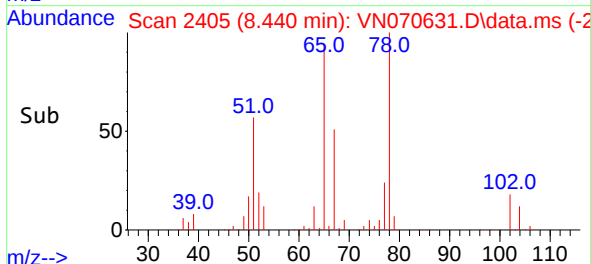
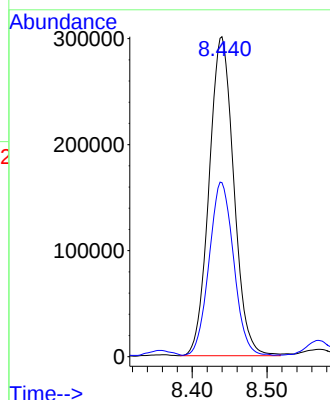
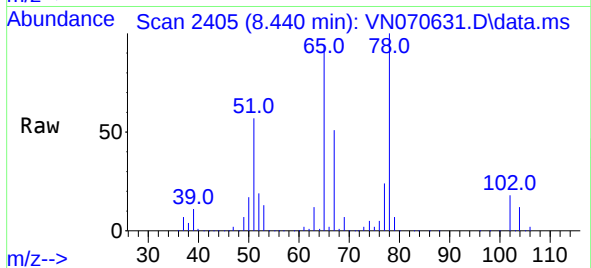
67 54.0 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

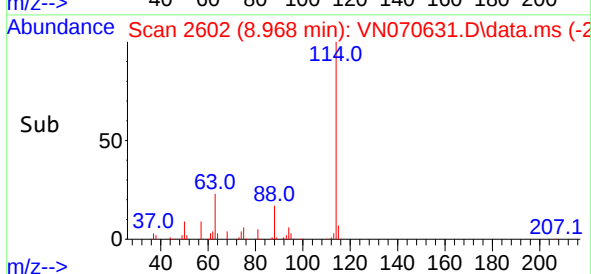
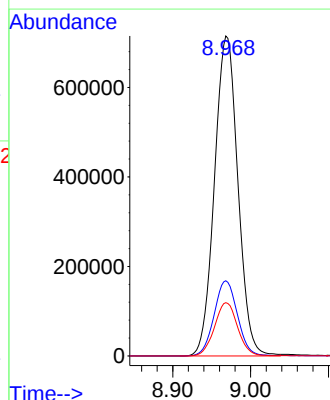
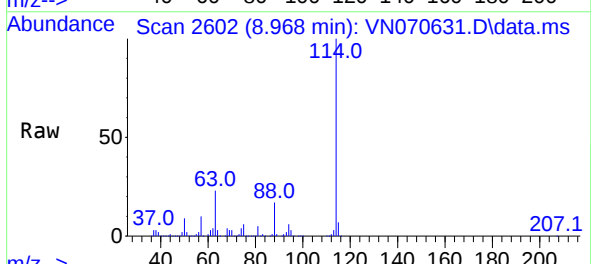
Tgt Ion:114 Resp: 1491146

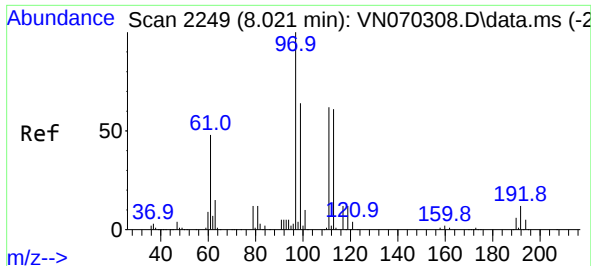
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

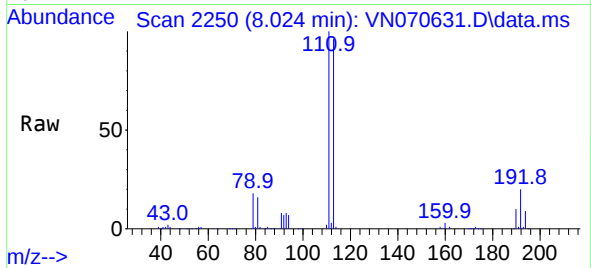
88 16.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.763 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

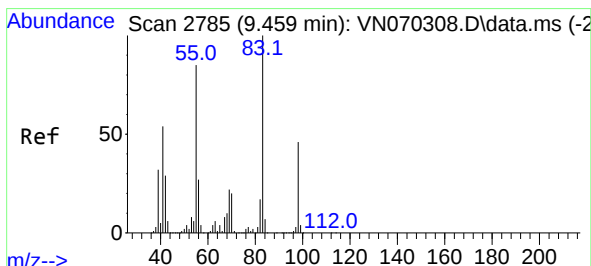
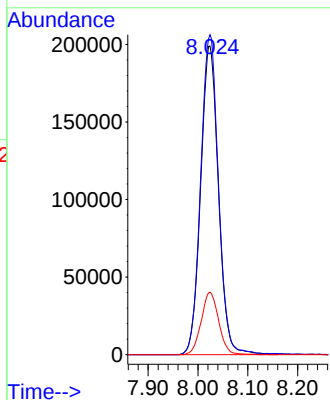
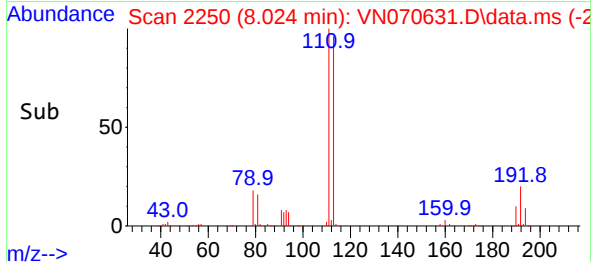
Instrument :
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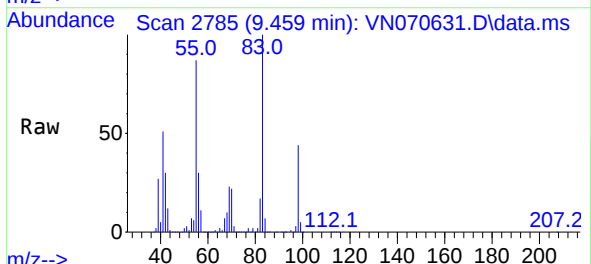
Tgt Ion: 113 Resp: 49408
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.9 16.9 25.3

Manual Integrations
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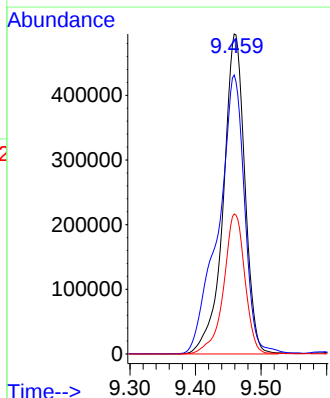
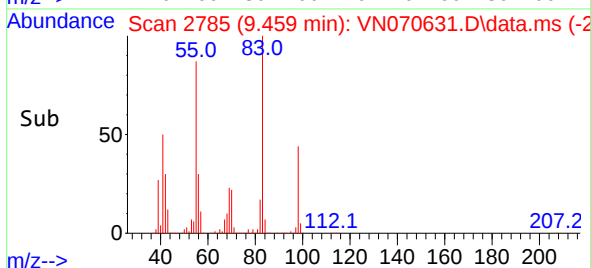
Reviewed By :Mahesh Dadoda 01/28/2022
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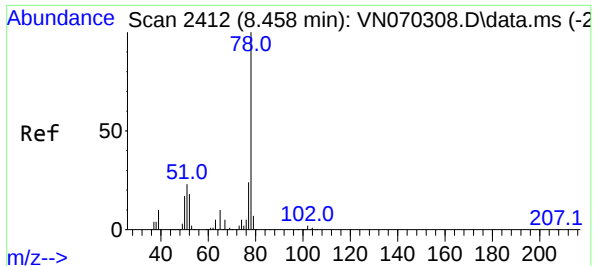


#39
Methylcyclohexane
Concen: 62.440 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37



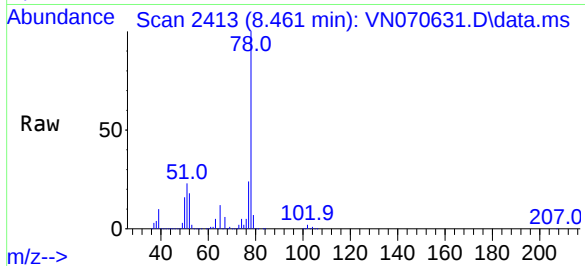
Tgt Ion: 83 Resp: 1128229
Ion Ratio Lower Upper
83 100
55 87.0 58.1 87.1
98 43.8 38.4 57.6





#40
Benzene
Concen: 43.560 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

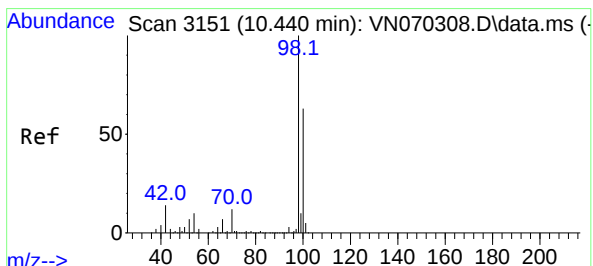
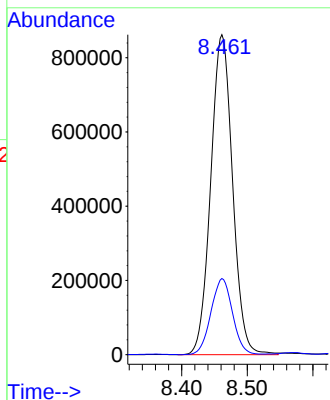
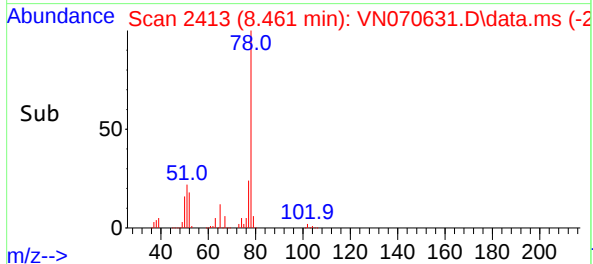
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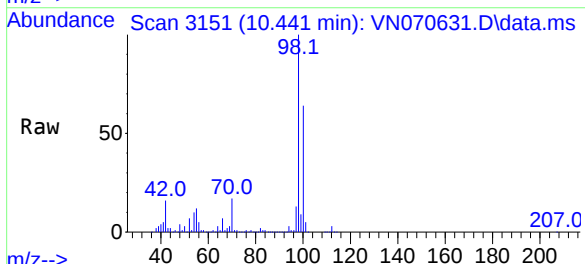
Tgt Ion: 78 Resp: 1993178
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8

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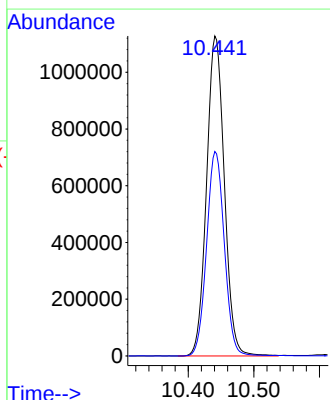
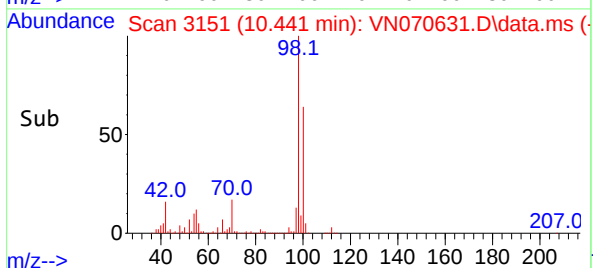
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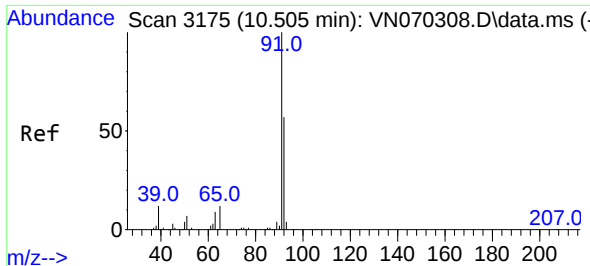


#50
Toluene-d8
Concen: 57.577 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37



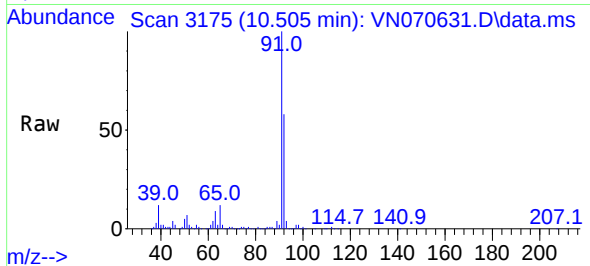
Tgt Ion: 98 Resp: 2122093
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6





#52
Toluene
Concen: 10.086 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

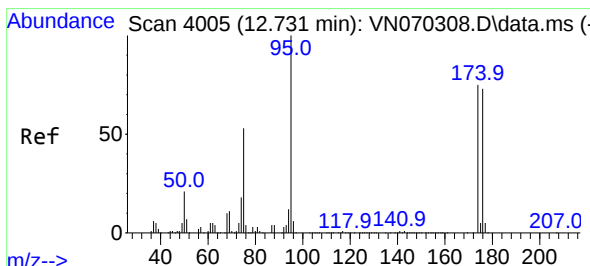
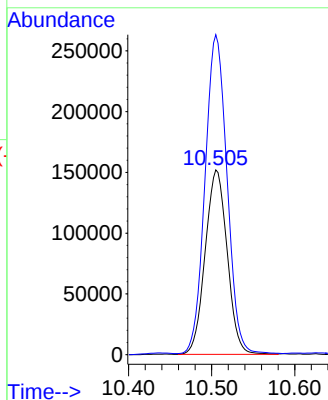
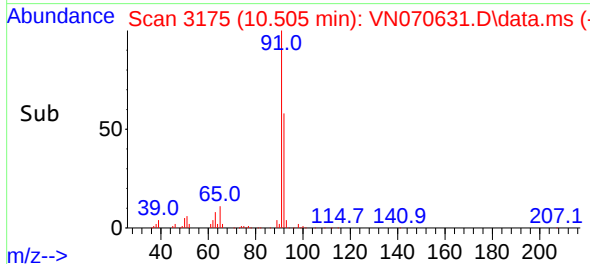
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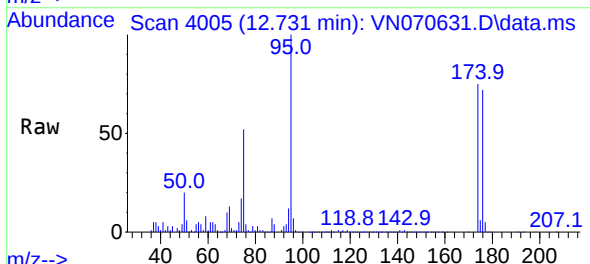
Tgt Ion: 92 Resp: 279349
Ion Ratio Lower Upper
92 100
91 172.2 142.0 213.0

Manual Integrations
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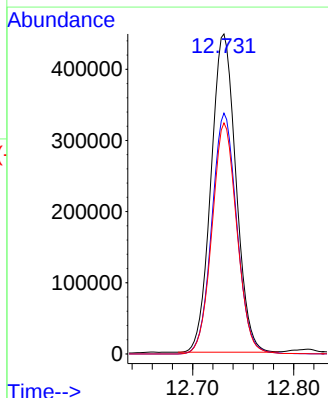
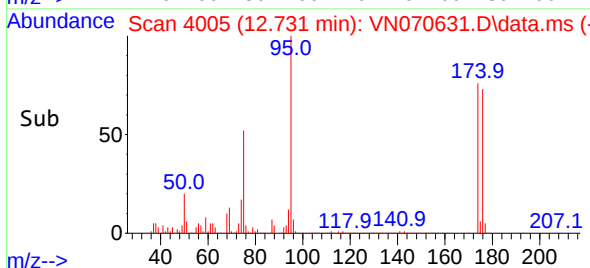
Reviewed By :Mahesh Dadoda 01/28/2022
Supervised By :Semsettin Yesilyurt 01/28/2022

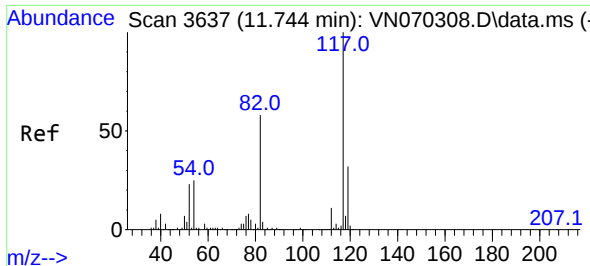


#62
4-Bromofluorobenzene
Concen: 57.543 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37



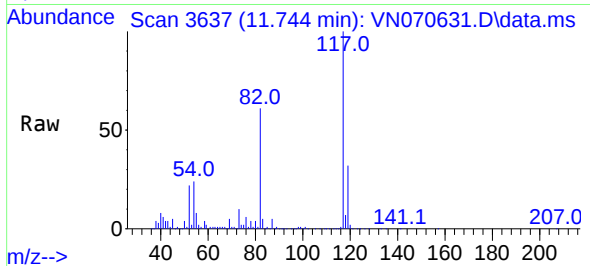
Tgt Ion: 95 Resp: 766004
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

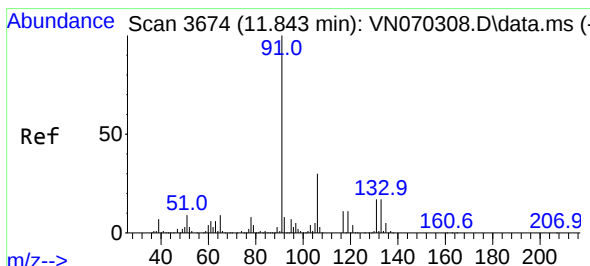
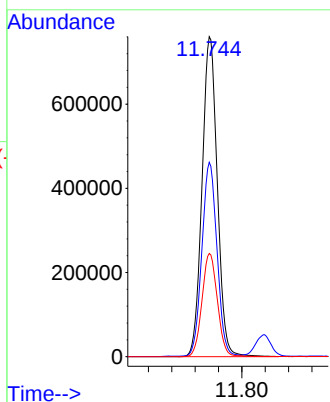
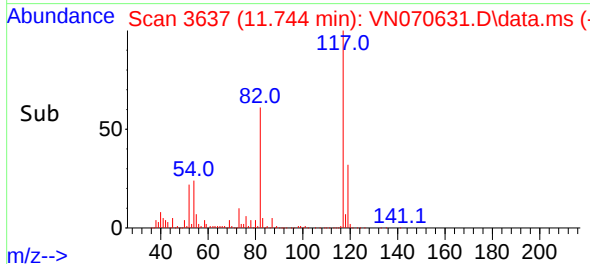
Instrument :
MSVOA_N
ClientSampleId :
MW-33



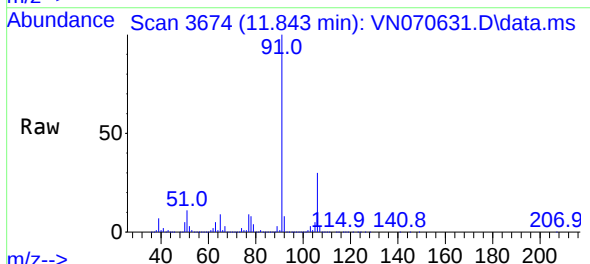
Tgt Ion: 117 Resp: 1379329
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
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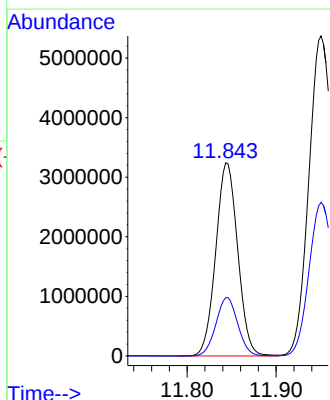
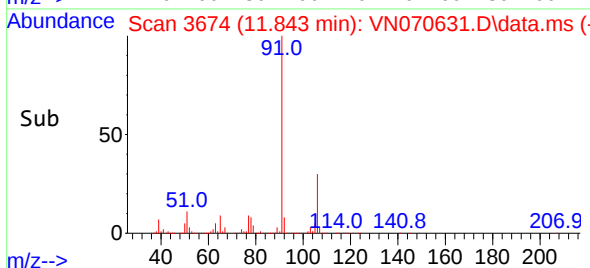
Reviewed By :Mahesh Dadoda 01/28/2022
Supervised By :Semsettin Yesilyurt 01/28/2022

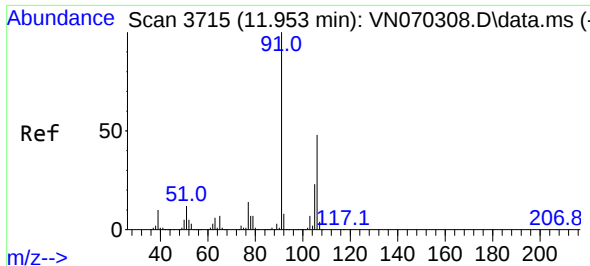


#67
Ethyl Benzene
Concen: 103.598 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37



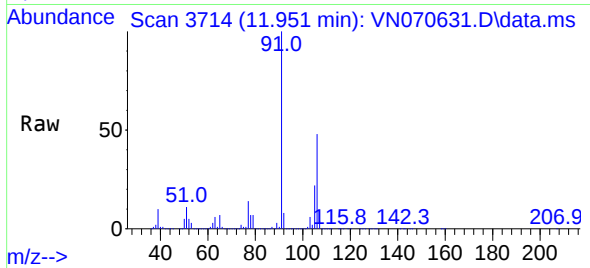
Tgt Ion: 91 Resp: 5555196
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5





#68
m/p-Xylenes
Concen: 257.663 ug/l
RT: 11.951 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

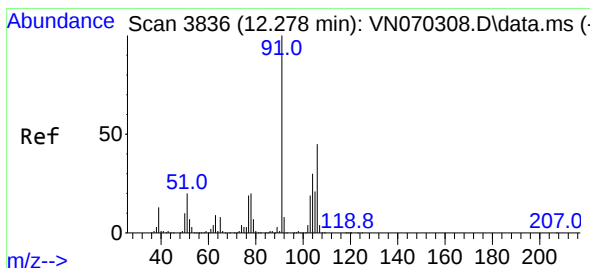
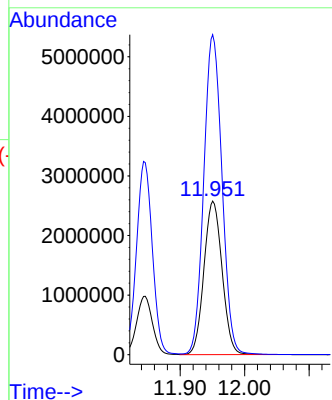
Instrument :
MSVOA_N
ClientSampleId :
MW-33



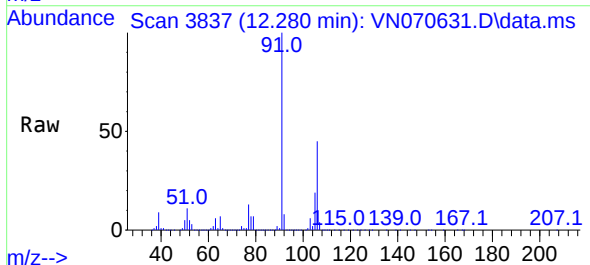
Tgt Ion:106 Resp: 502932
Ion Ratio Lower Upper
106 100
91 208.9 160.6 240.8

Manual Integrations
APPROVED

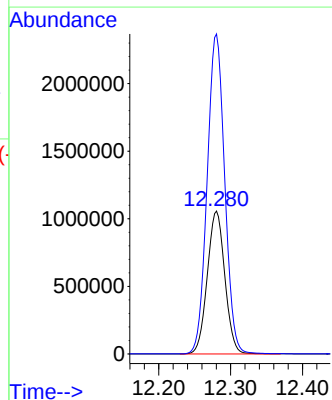
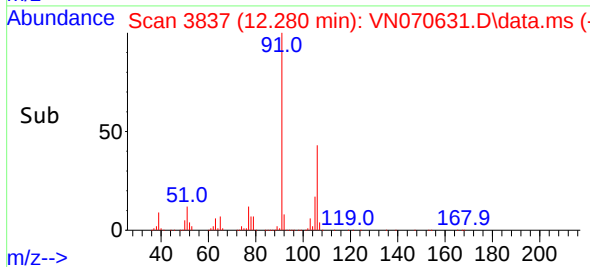
Reviewed By :Mahesh Dadoda 01/28/2022
Supervised By :Semsettin Yesilyurt 01/28/2022

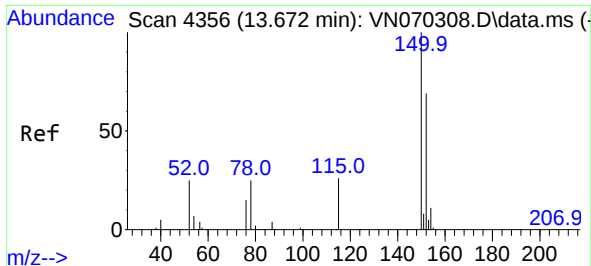


#69
o-Xylene
Concen: 92.454 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37



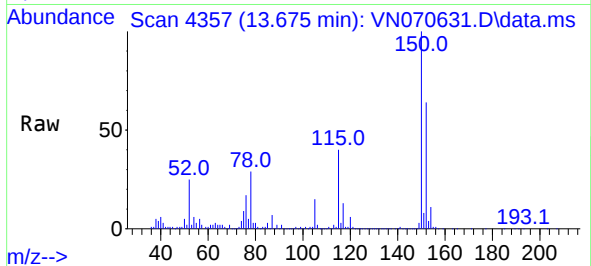
Tgt Ion:106 Resp: 1794961
Ion Ratio Lower Upper
106 100
91 224.1 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

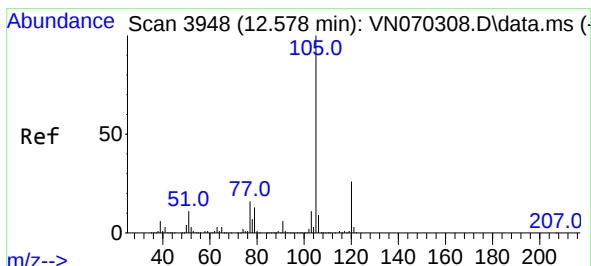
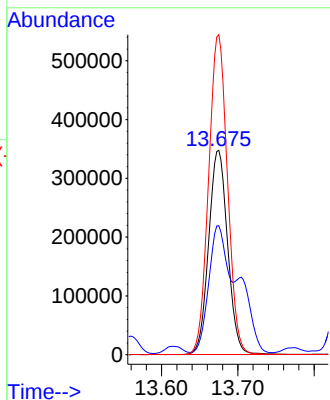
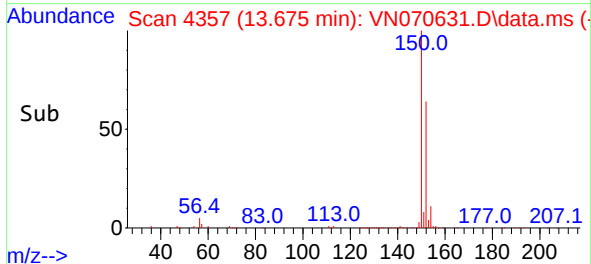
Instrument :
MSVOA_N
ClientSampleId :
MW-33



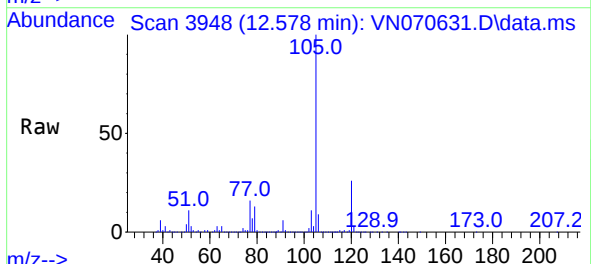
Tgt Ion:152 Resp: 601124
Ion Ratio Lower Upper
152 100
115 63.8 27.5 82.5
150 155.6 0.0 344.4

Manual Integrations
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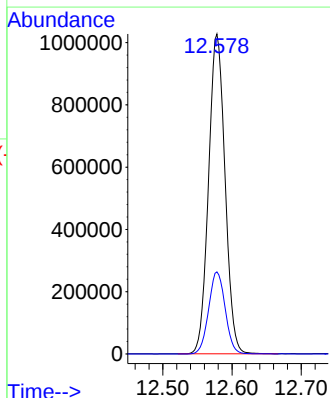
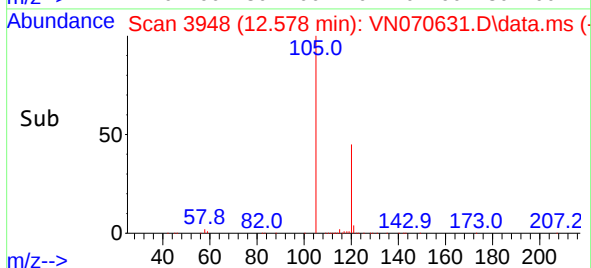
Reviewed By :Mahesh Dadoda 01/28/2022
Supervised By :Semsettin Yesilyurt 01/28/2022

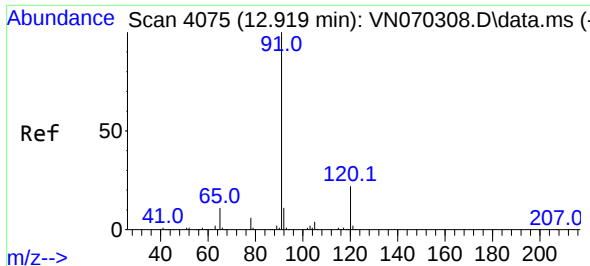


#73
Isopropylbenzene
Concen: 30.405 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37



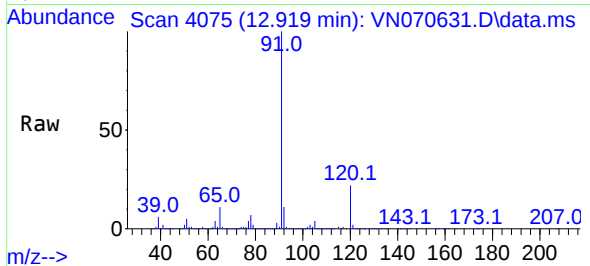
Tgt Ion:105 Resp: 1697294
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1





#78
n-propylbenzene
Concen: 91.735 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

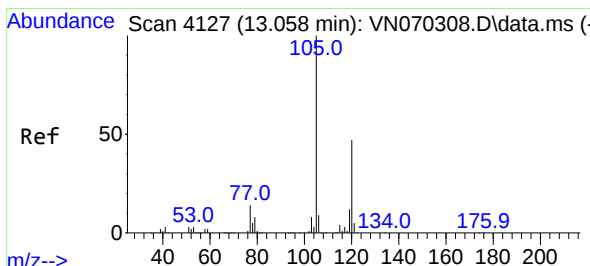
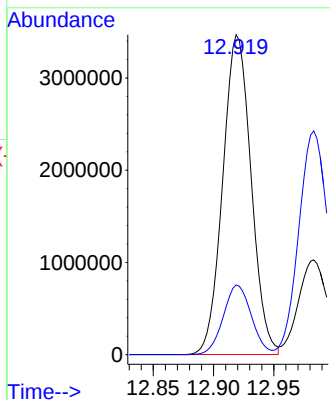
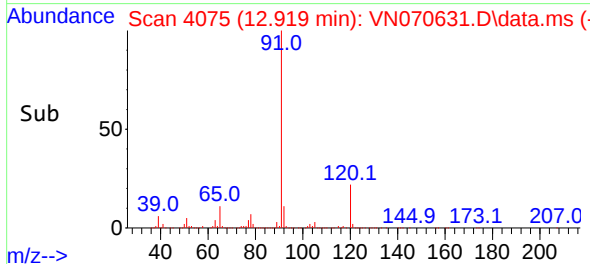
Instrument :
MSVOA_N
ClientSampleId :
MW-33



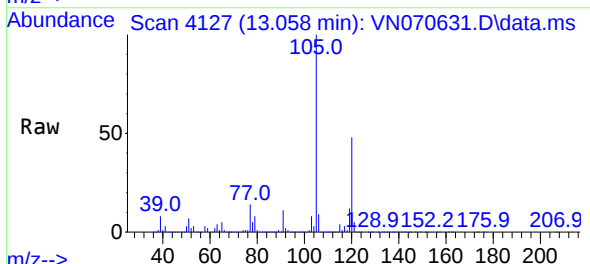
Tgt Ion: 91 Resp: 567392
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9

Manual Integrations
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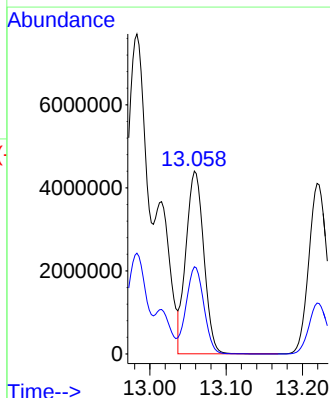
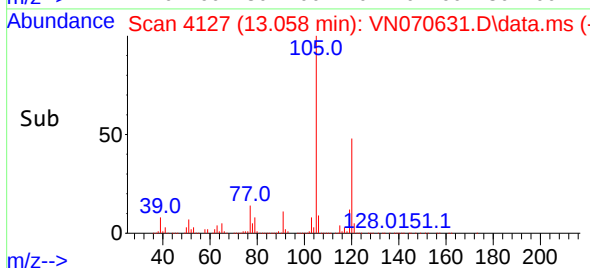
Reviewed By :Mahesh Dadoda 01/28/2022
Supervised By :Semsettin Yesilyurt 01/28/2022

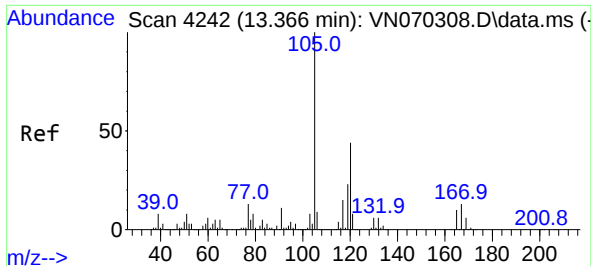


#80
1,3,5-Trimethylbenzene
Concen: 159.798 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37



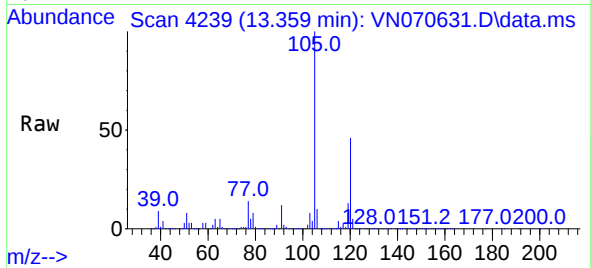
Tgt Ion:105 Resp: 7148415
Ion Ratio Lower Upper
105 100
120 48.1 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 412.078 ug/l m
RT: 13.359 min Scan# 4239
Delta R.T. -0.007 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

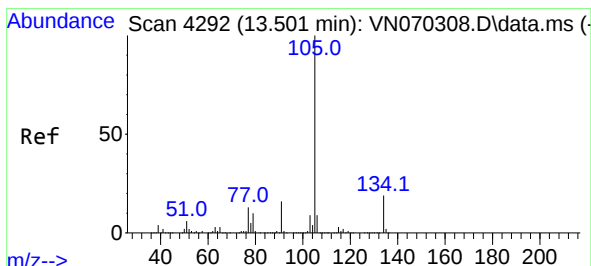
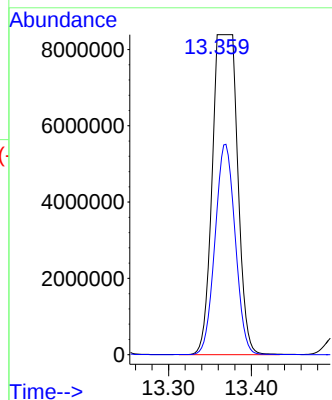
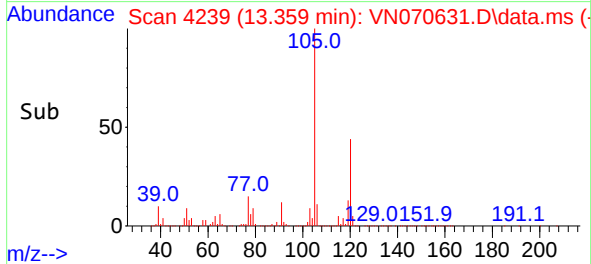
Instrument :
MSVOA_N
ClientSampleId :
MW-33



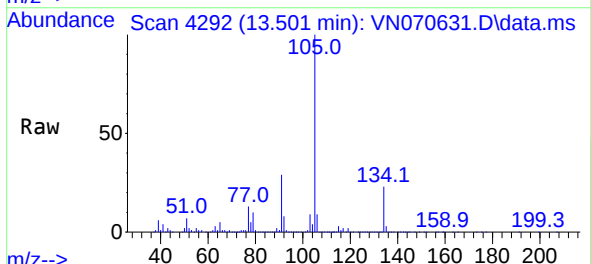
Tgt Ion:105 Resp:1775056
Ion Ratio Lower Upper
105 100
120 0.0 22.8 68.4

Manual Integrations
APPROVED

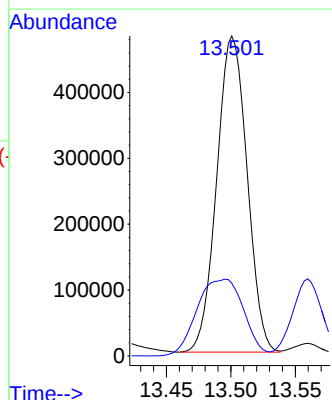
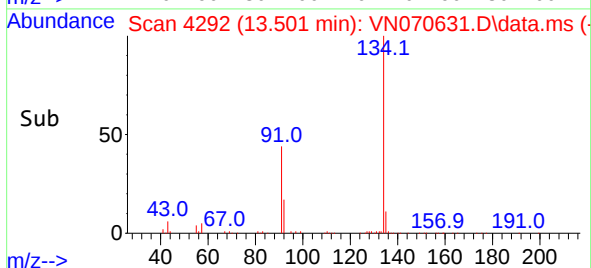
Reviewed By :Mahesh Dadoda 01/28/2022
Supervised By :Semsettin Yesilyurt 01/28/2022

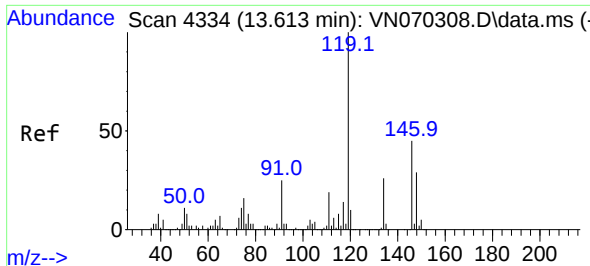


#85
sec-Butylbenzene
Concen: 14.699 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37



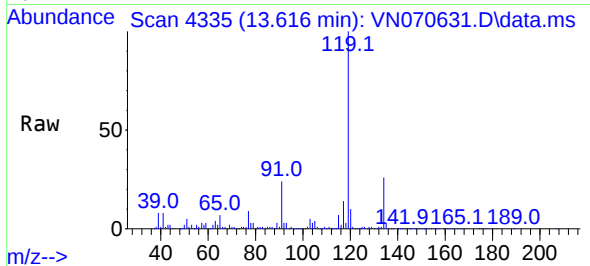
Tgt Ion:105 Resp: 786088
Ion Ratio Lower Upper
105 100
134 37.3 10.4 31.1





#86
p-Isopropyltoluene
Concen: 7.281 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

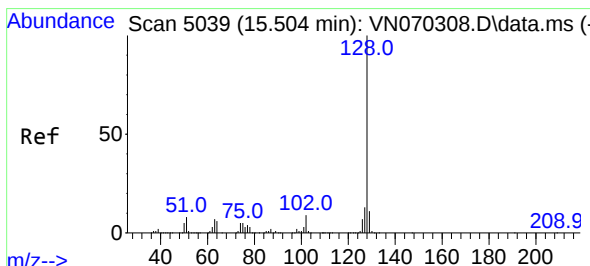
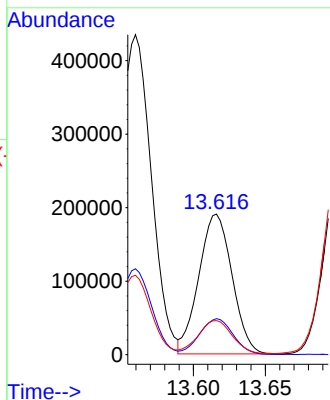
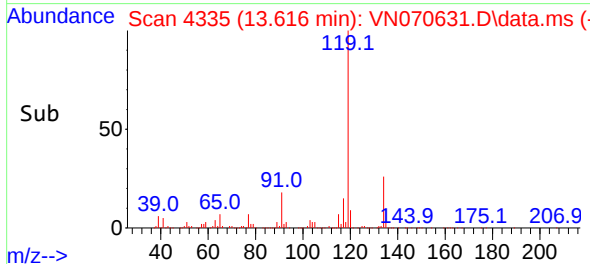
Instrument :
MSVOA_N
ClientSampleId :
MW-33



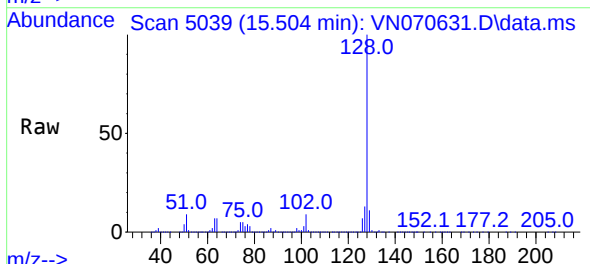
Tgt Ion:119 Resp: 305882
Ion Ratio Lower Upper
119 100
134 25.8 13.6 40.7
91 24.2 11.4 34.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 01/28/2022
Supervised By :Semsettin Yesilyurt 01/28/2022



#95
Naphthalene
Concen: 93.694 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37



Tgt Ion:128 Resp: 2610790
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1

