

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011022\  
 Data File : VN070546.D  
 Acq On : 10 Jan 2022 16:28  
 Operator : JC/MD  
 Sample : N1037-05 10X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 NWB-1729

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 01/11/2022  
 Supervised By :Semsettin Yesilyurt 01/11/2022

Quant Time: Jan 10 17:27:55 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  | 933275              | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.965          | 114  | 1553743             | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.741         | 117  | 1444136             | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.672         | 152  | 629926              | 50.000   | ug/l   | 0.00     |
|                             |                |      |                     |          |        |          |
| System Monitoring Compounds |                |      |                     |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.437          | 65   | 688398              | 51.301   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 102.600% |          |        |          |
| 35) Dibromofluoromethane    | 8.021          | 113  | 492935              | 52.435   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 104.860% |          |        |          |
| 50) Toluene-d8              | 10.440         | 98   | 2025230             | 52.735   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 105.480% |          |        |          |
| 62) 4-Bromofluorobenzene    | 12.728         | 95   | 845242              | 60.938   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 121.880% |          |        |          |
|                             |                |      |                     |          |        |          |
| Target Compounds            |                |      |                     |          | Qvalue |          |
| 16) Acetone                 | 4.280          | 43   | 21900194            | 2514.133 | ug/l   | 95       |
| 25) 2-Butanone              | 7.335          | 43   | 405827              | 37.001   | ug/l   | 92       |
| 52) Toluene                 | 10.505         | 92   | 188547m             | 6.533    | ug/l   |          |
| 59) 2-Hexanone              | 11.084         | 43   | 401857              | 27.594   | ug/l   | 93       |
| 68) m/p-Xylenes             | 11.948         | 106  | 34905               | 1.708    | ug/l   | 88       |
| 69) o-Xylene                | 12.280         | 106  | 25416               | 1.250    | ug/l   | 90       |
| 78) n-propylbenzene         | 12.919         | 91   | 193461              | 2.985    | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene  | 13.055         | 105  | 276288              | 5.894    | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.366         | 105  | 924903              | 20.490   | ug/l   | 99       |
| 85) sec-Butylbenzene        | 13.498         | 105  | 69052               | 1.232    | ug/l   | 79       |
| 86) p-Isopropyltoluene      | 13.613         | 119  | 213991              | 4.861    | ug/l   | 98       |
| 89) n-Butylbenzene          | 13.940         | 91   | 176306m             | 4.802    | ug/l   |          |
| 95) Naphthalene             | 15.504         | 128  | 721143              | 26.020   | ug/l   | 96       |
| -----                       |                |      |                     |          |        |          |

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

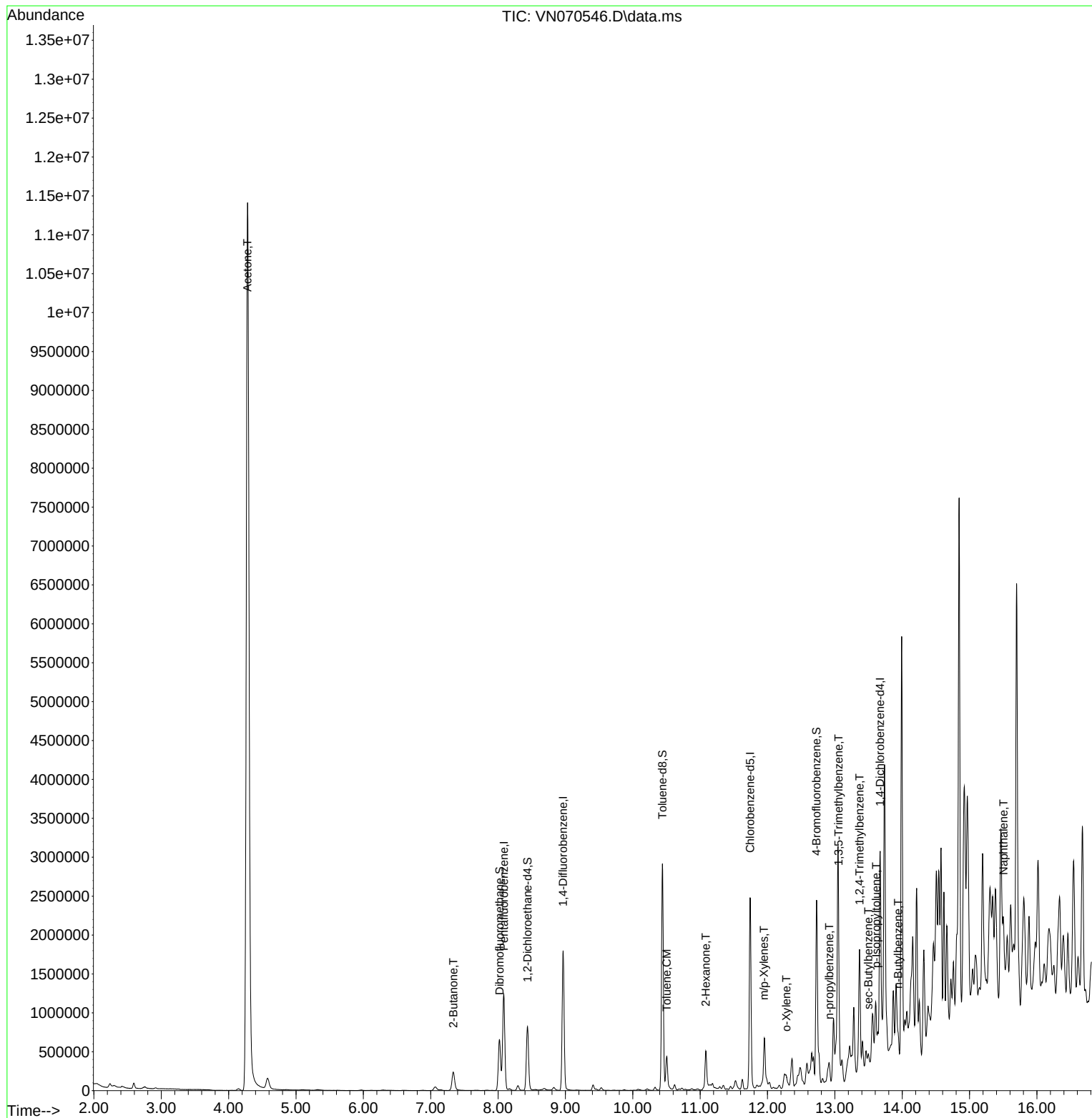
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011022\  
Data File : VN070546.D  
Acq On : 10 Jan 2022 16:28  
Operator : JC/MD  
Sample : N1037-05 10X  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 12 Sample Multiplier: 1

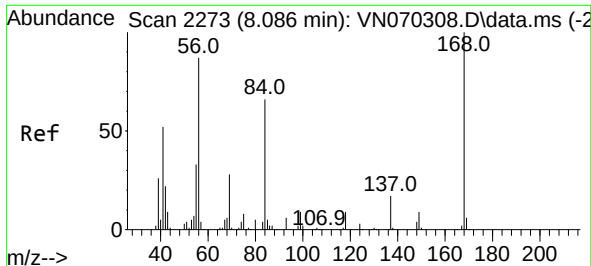
Instrument :  
MSVOA\_N  
ClientSampleId :  
NWB-1729

Quant Time: Jan 10 17:27:55 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

Manual Integrations  
APPROVED

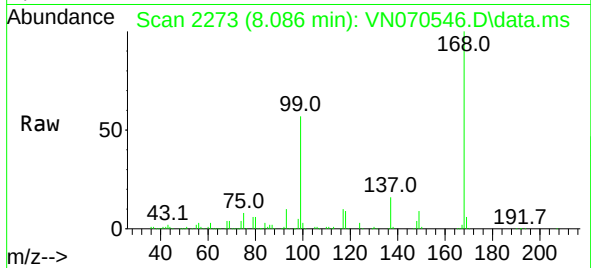
Reviewed By :Mahesh Dadoda 01/11/2022  
Supervised By :Semsettin Yesilyurt 01/11/2022





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070546.D  
Acq: 10 Jan 2022 16:28

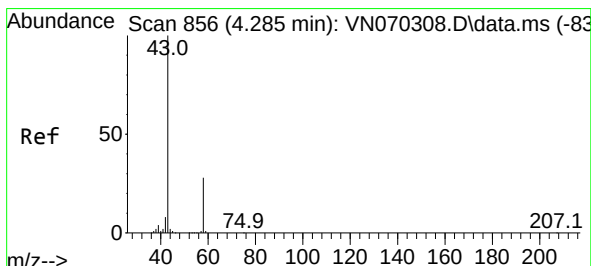
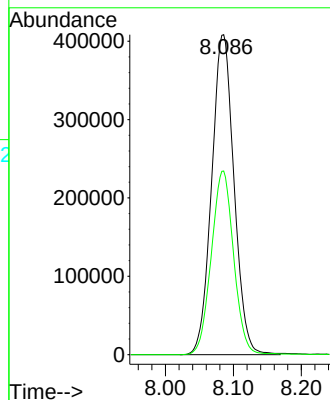
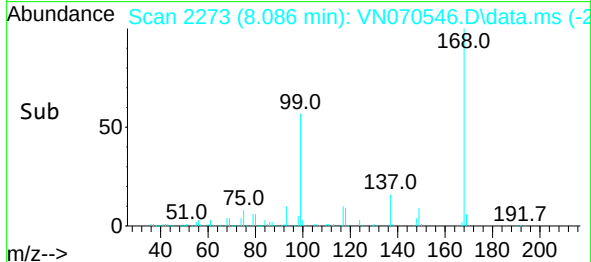
Instrument :  
MSVOA\_N  
ClientSampleId :  
NWB-1729



Tgt Ion:168 Resp: 933275  
Ion Ratio Lower Upper  
168 100  
99 57.4 41.3 61.9

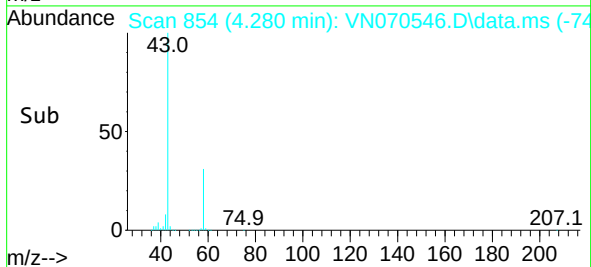
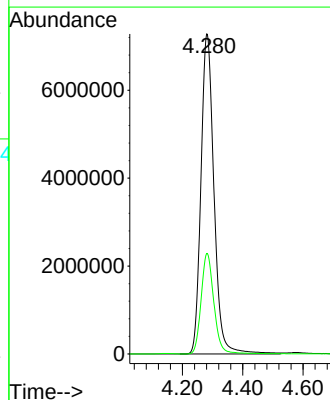
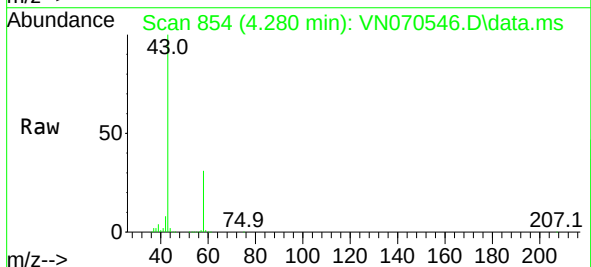
Manual Integrations  
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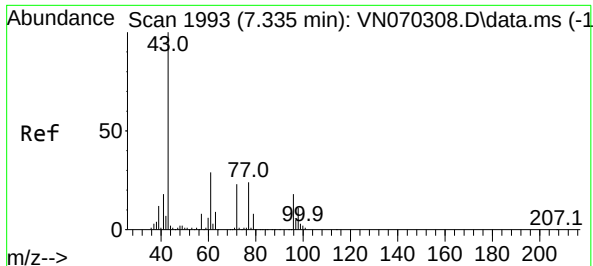
Reviewed By :Mahesh Dadoda 01/11/2022  
Supervised By :Semsettin Yesilyurt 01/11/2022



#16  
Acetone  
Concen: 2514.133 ug/l  
RT: 4.280 min Scan# 854  
Delta R.T. -0.005 min  
Lab File: VN070546.D  
Acq: 10 Jan 2022 16:28

Tgt Ion: 43 Resp:21900194  
Ion Ratio Lower Upper  
43 100  
58 31.4 23.1 34.7





#25

2-Butanone

Concen: 37.001 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN070546.D

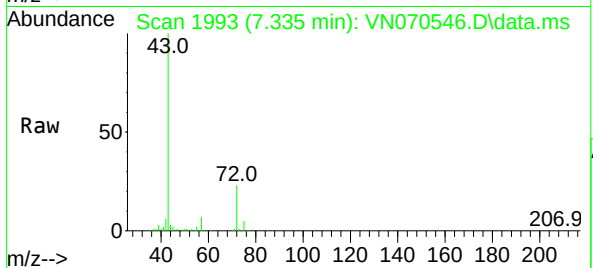
Acq: 10 Jan 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :

NWB-1729



Tgt Ion: 43 Resp: 40582

Ion Ratio Lower Upper

43 100

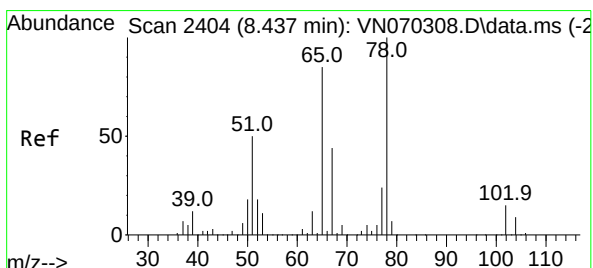
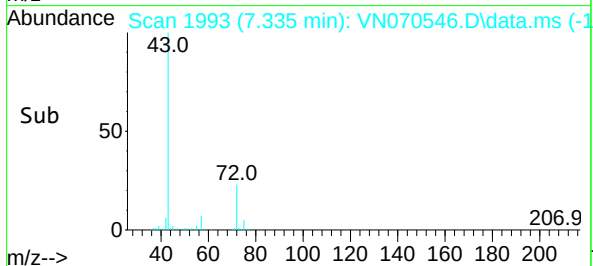
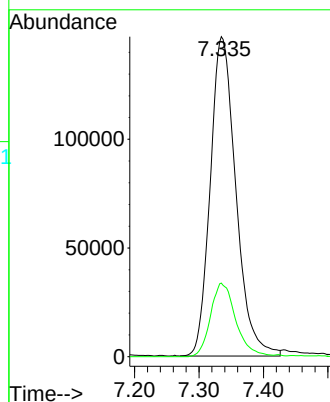
72 23.0 21.7 32.5

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 51.301 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070546.D

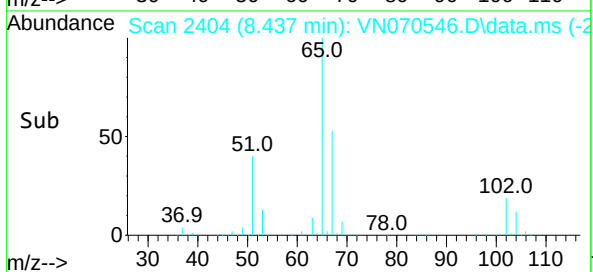
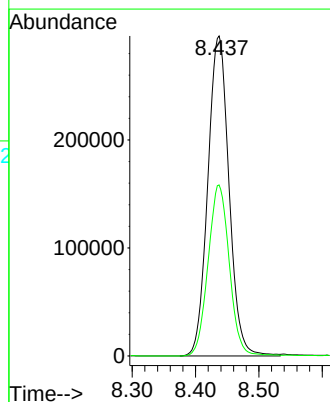
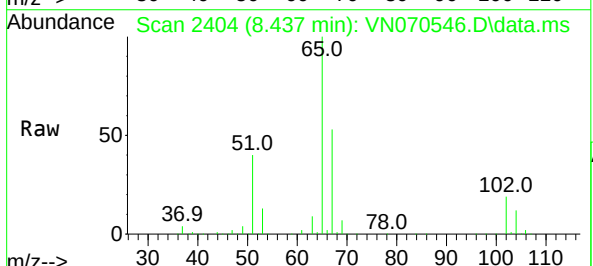
Acq: 10 Jan 2022 16:28

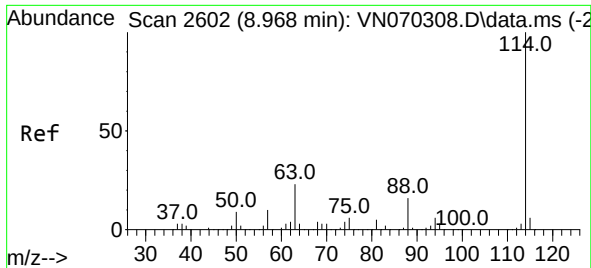
Tgt Ion: 65 Resp: 688398

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.0





#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.965 min Scan# 2601  
Delta R.T. -0.003 min  
Lab File: VN070546.D  
Acq: 10 Jan 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :

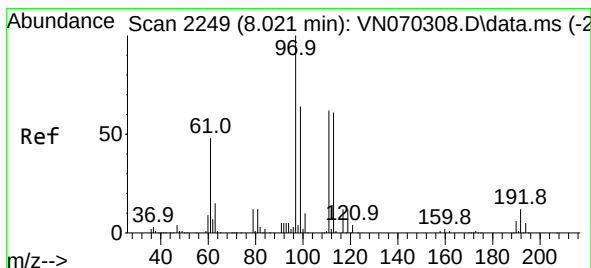
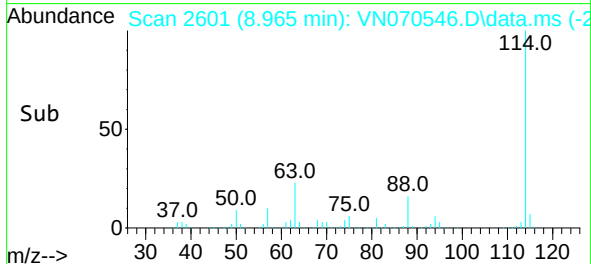
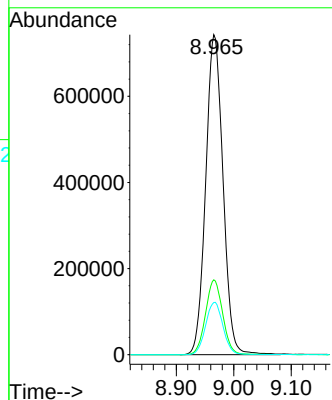
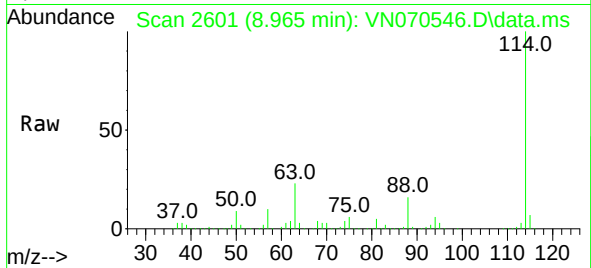
NWB-1729

Tgt Ion:114 Resp: 155374  
Ion Ratio Lower Upper  
114 100  
63 23.4 0.0 37.8  
88 16.3 0.0 27.4

Manual Integrations

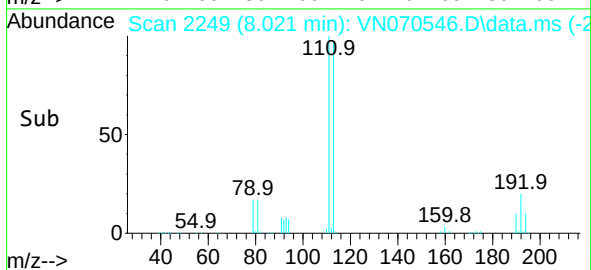
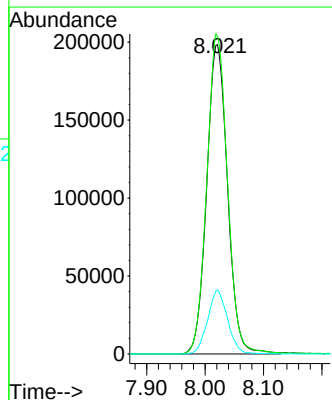
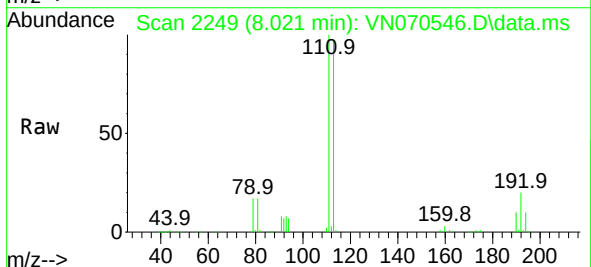
APPROVED

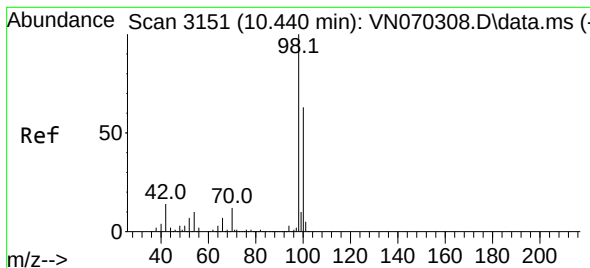
Reviewed By :Mahesh Dadoda 01/11/2022  
Supervised By :Semsettin Yesilyurt 01/11/2022



#35  
Dibromofluoromethane  
Concen: 52.435 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN070546.D  
Acq: 10 Jan 2022 16:28

Tgt Ion:113 Resp: 492935  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.2 123.2  
192 19.8 16.9 25.3





#50

Toluene-d8

Concen: 52.735 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070546.D

Acq: 10 Jan 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :

NWB-1729

Tgt Ion: 98 Resp: 2025230

Ion Ratio Lower Upper

98 100

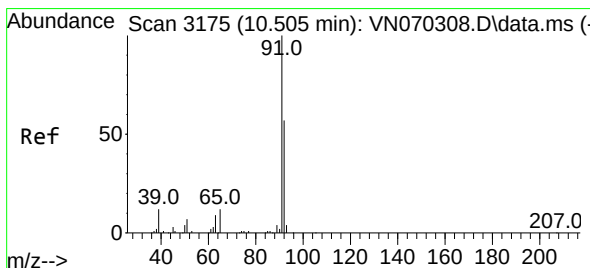
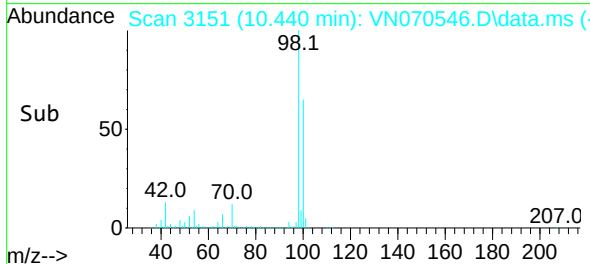
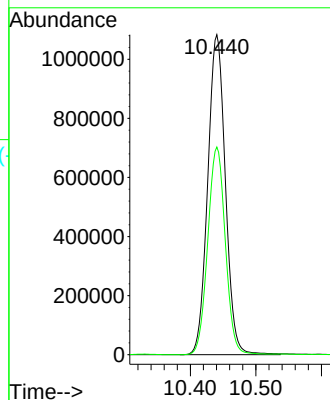
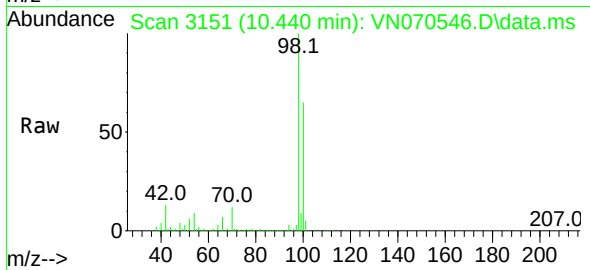
100 64.7 50.4 75.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/11/2022

Supervised By :Semsettin Yesilyurt 01/11/2022



#52

Toluene

Concen: 6.533 ug/l m

RT: 10.505 min Scan# 3175

Delta R.T. -0.000 min

Lab File: VN070546.D

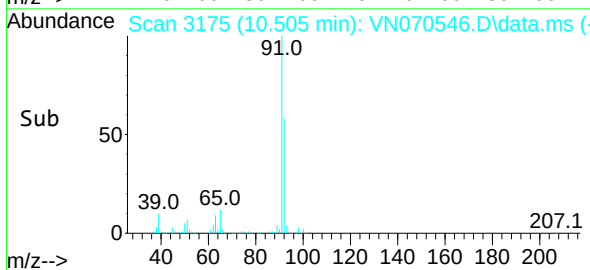
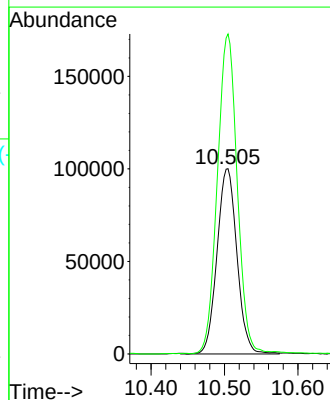
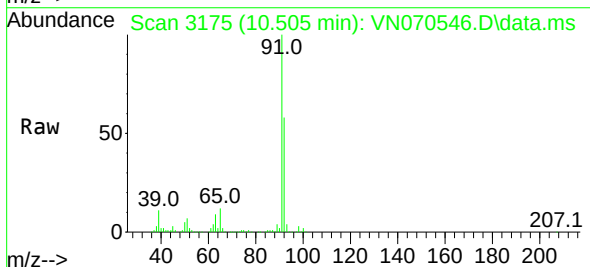
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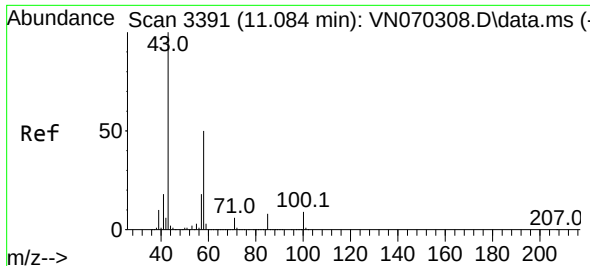
Tgt Ion: 92 Resp: 188547

Ion Ratio Lower Upper

92 100

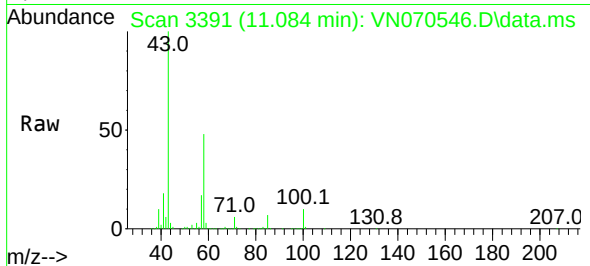
91 0.0 142.0 213.0#





#59  
2-Hexanone  
Concen: 27.594 ug/l  
RT: 11.084 min Scan# 3391  
Delta R.T. 0.000 min  
Lab File: VN070546.D  
Acq: 10 Jan 2022 16:28

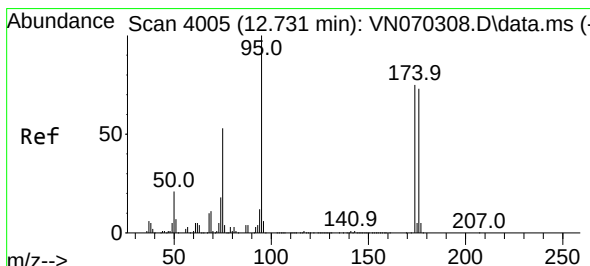
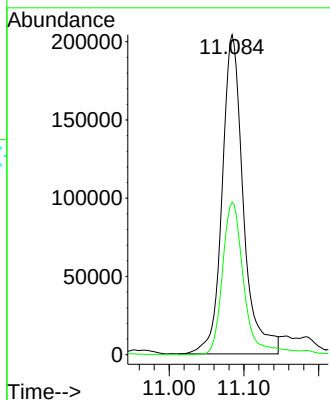
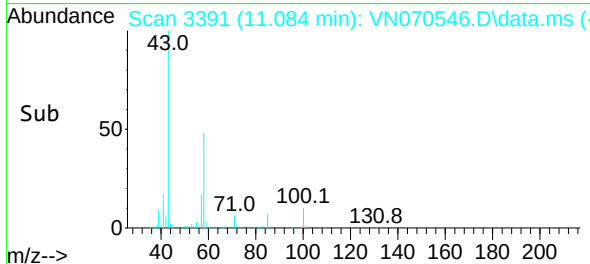
Instrument :  
MSVOA\_N  
ClientSampleId :  
NWB-1729



Tgt Ion: 43 Resp: 40185  
Ion Ratio Lower Upper  
43 100  
58 48.5 26.9 80.7

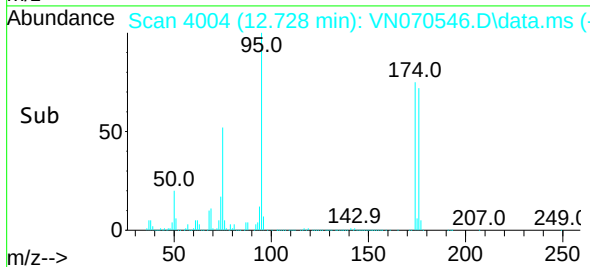
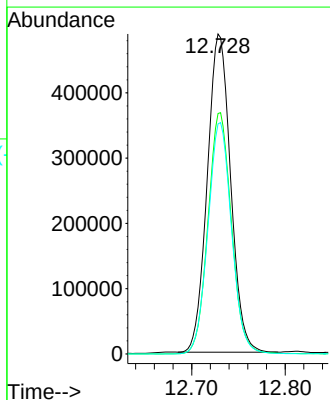
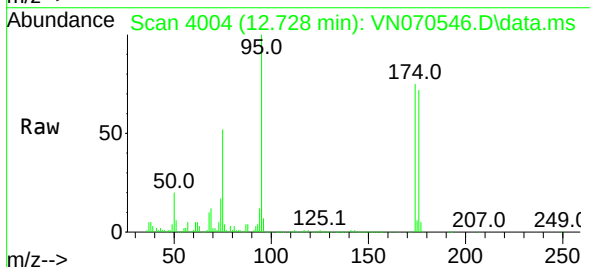
Manual Integrations  
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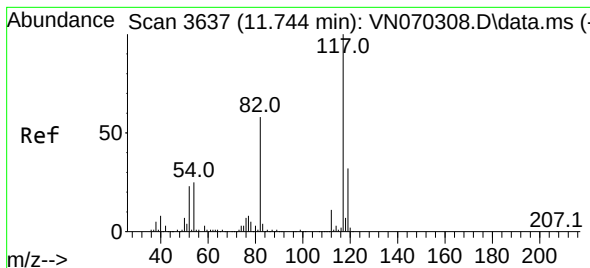
Reviewed By :Mahesh Dadoda 01/11/2022  
Supervised By :Semsettin Yesilyurt 01/11/2022



#62  
4-Bromofluorobenzene  
Concen: 60.938 ug/l  
RT: 12.728 min Scan# 4004  
Delta R.T. -0.003 min  
Lab File: VN070546.D  
Acq: 10 Jan 2022 16:28

Tgt Ion: 95 Resp: 845242  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 187.2  
176 73.5 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.741 min Scan# 3636

Delta R.T. -0.003 min

Lab File: VN070546.D

Acq: 10 Jan 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :

NWB-1729

Tgt Ion:117 Resp: 144413

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

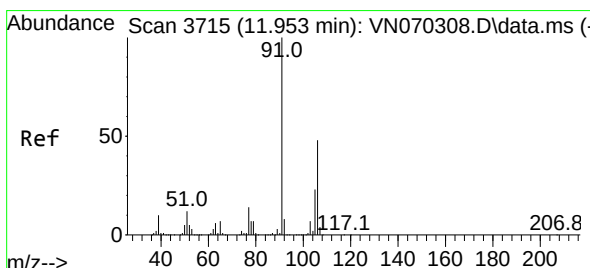
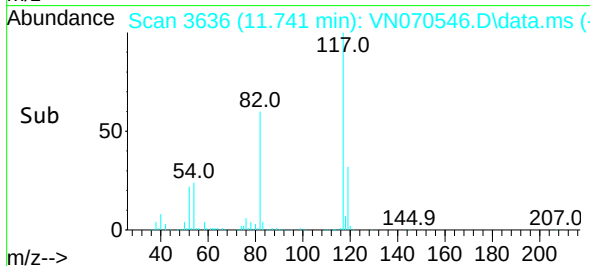
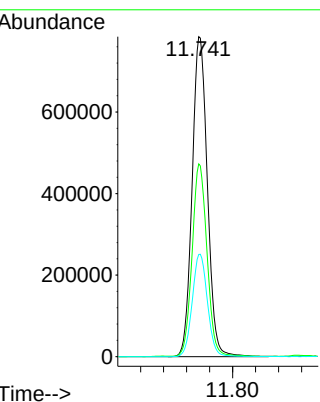
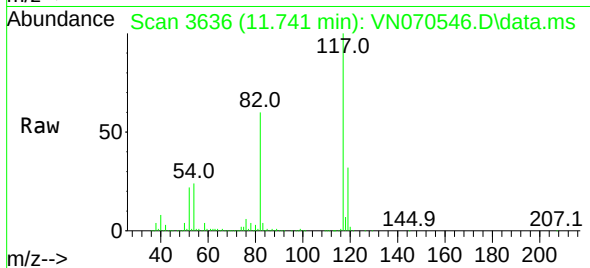
119 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/11/2022

Supervised By :Semsettin Yesilyurt 01/11/2022



#68

m/p-Xylenes

Concen: 1.708 ug/l

RT: 11.948 min Scan# 3713

Delta R.T. -0.005 min

Lab File: VN070546.D

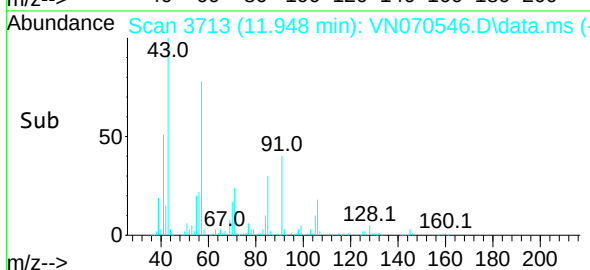
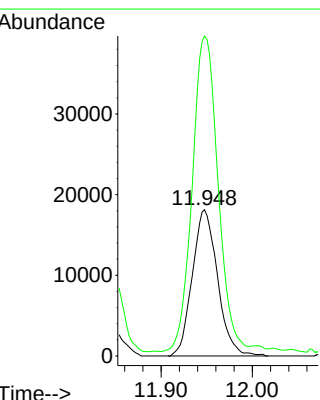
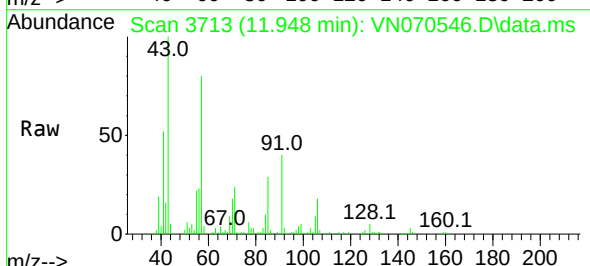
Acq: 10 Jan 2022 16:28

Tgt Ion:106 Resp: 34905

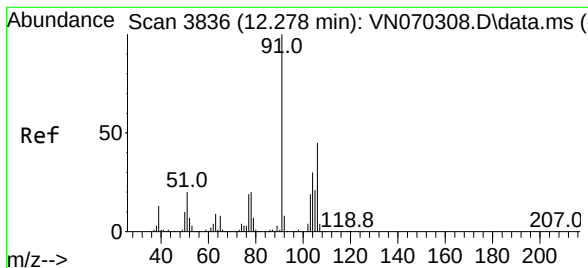
Ion Ratio Lower Upper

106 100

91 219.2 160.6 240.8







#69

o-Xylene

Concen: 1.250 ug/l

RT: 12.280 min Scan# 3836

Delta R.T. 0.002 min

Lab File: VN070546.D

Acq: 10 Jan 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :

NWB-1729

Tgt Ion:106 Resp: 25410

Ion Ratio Lower Upper

106 100

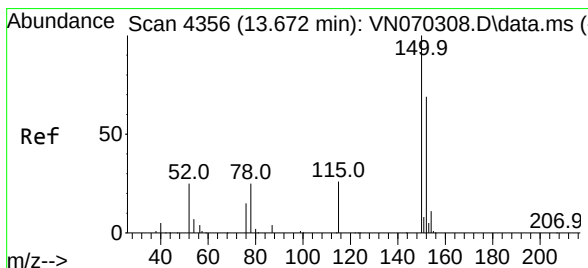
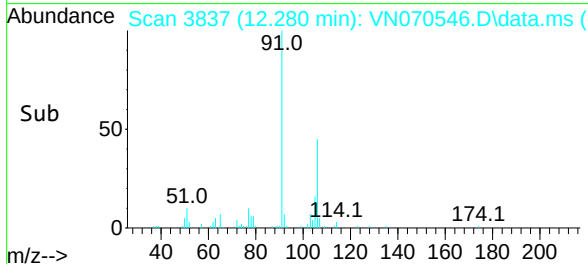
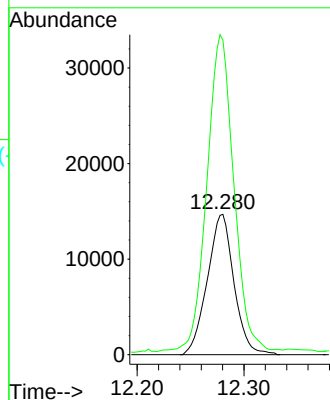
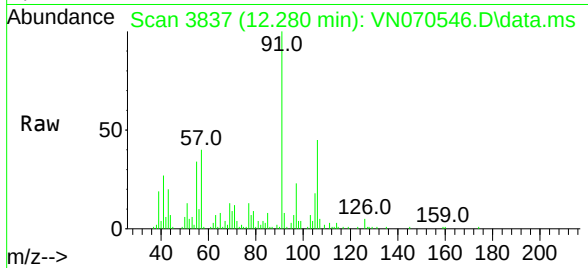
91 227.7 105.8 317.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/11/2022

Supervised By :Semsettin Yesilyurt 01/11/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 4356

Delta R.T. 0.000 min

Lab File: VN070546.D

Acq: 10 Jan 2022 16:28

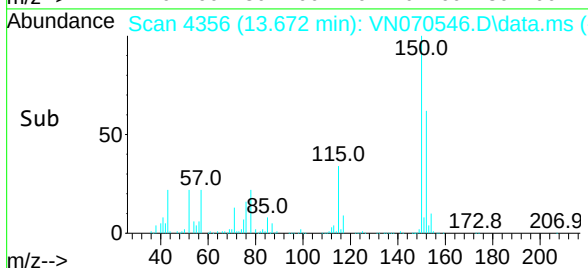
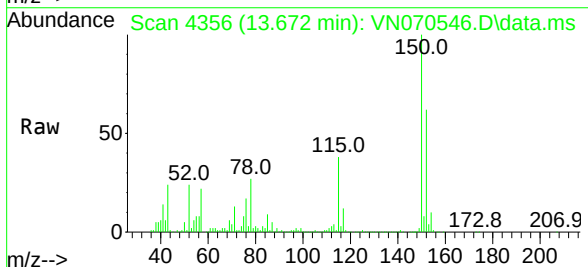
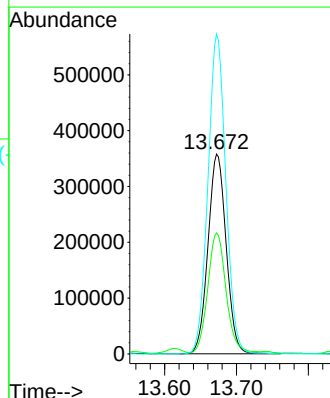
Tgt Ion:152 Resp: 629926

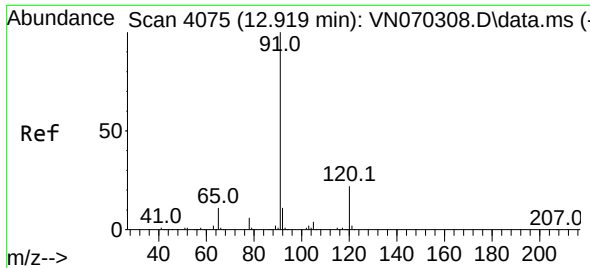
Ion Ratio Lower Upper

152 100

115 59.8 27.5 82.5

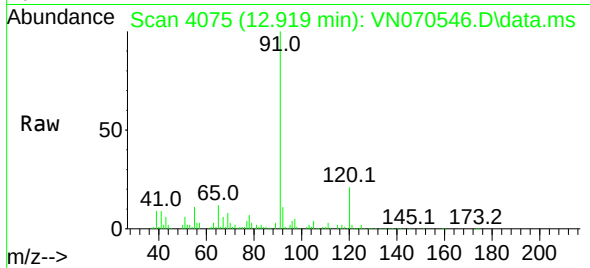
150 157.3 0.0 344.4





#78  
n-propylbenzene  
Concen: 2.985 ug/l  
RT: 12.919 min Scan# 4075  
Delta R.T. -0.000 min  
Lab File: VN070546.D  
Acq: 10 Jan 2022 16:28

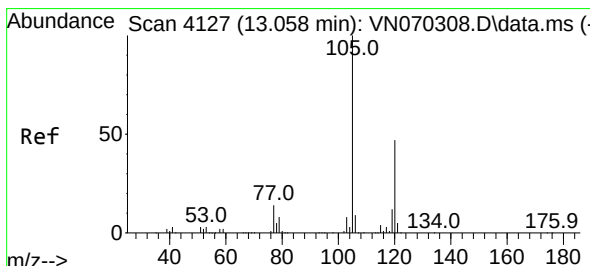
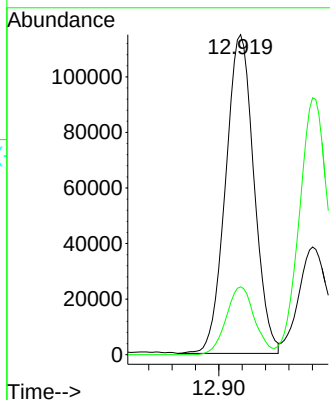
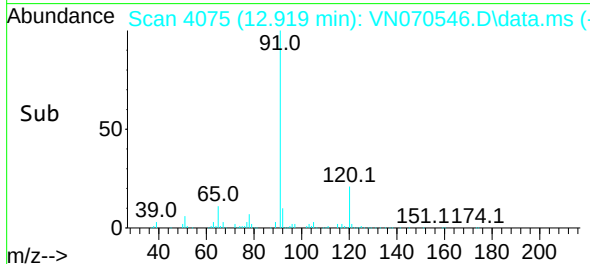
Instrument :  
MSVOA\_N  
ClientSampleId :  
NWB-1729



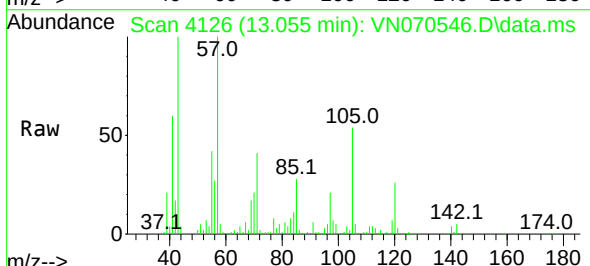
Tgt Ion: 91 Resp: 19346  
Ion Ratio Lower Upper  
91 100  
120 21.4 11.9 35.9

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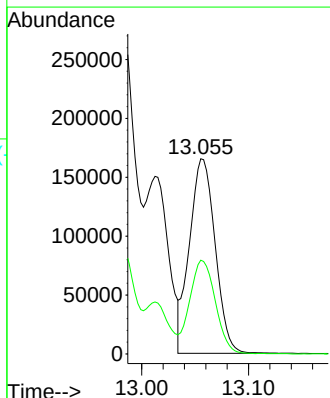
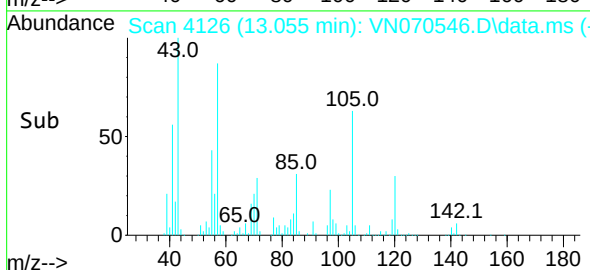
Reviewed By :Mahesh Dadoda 01/11/2022  
Supervised By :Semsettin Yesilyurt 01/11/2022

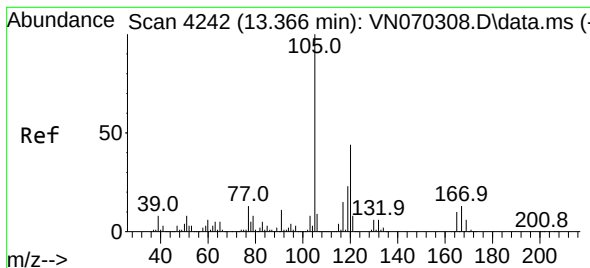


#80  
1,3,5-Trimethylbenzene  
Concen: 5.894 ug/l  
RT: 13.055 min Scan# 4126  
Delta R.T. -0.003 min  
Lab File: VN070546.D  
Acq: 10 Jan 2022 16:28



Tgt Ion:105 Resp: 276288  
Ion Ratio Lower Upper  
105 100  
120 47.7 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 20.490 ug/l

RT: 13.366 min Scan# 4242

Delta R.T. 0.000 min

Lab File: VN070546.D

Acq: 10 Jan 2022 16:28

Instrument :

MSVOA\_N

ClientSampleId :

NWB-1729

Tgt Ion:105 Resp: 92490

Ion Ratio Lower Upper

105 100

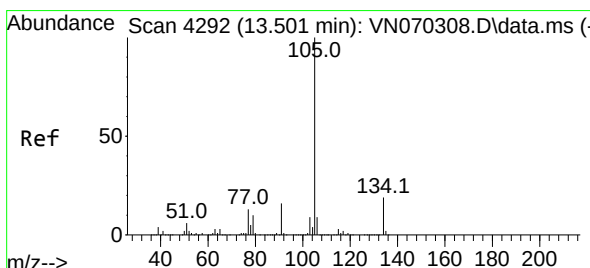
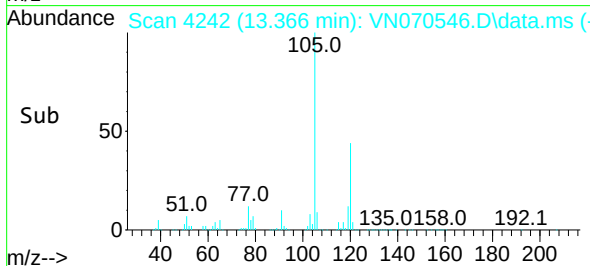
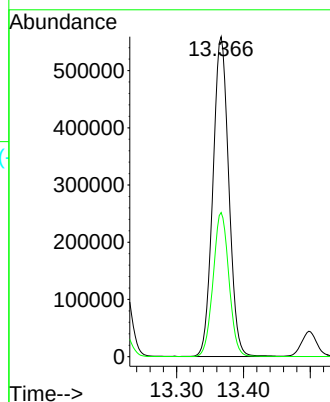
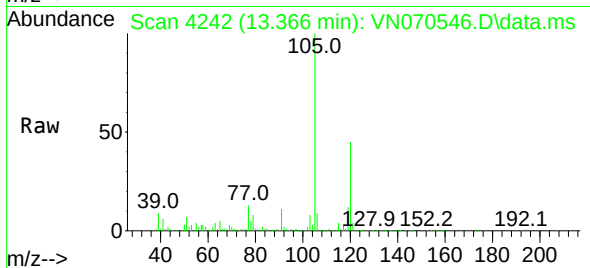
120 44.8 22.8 68.4

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Reviewed By :Mahesh Dadoda 01/11/2022

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#85

sec-Butylbenzene

Concen: 1.232 ug/l

RT: 13.498 min Scan# 4291

Delta R.T. -0.003 min

Lab File: VN070546.D

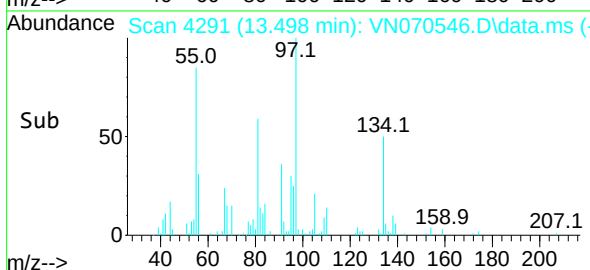
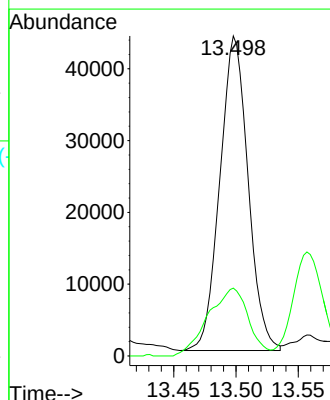
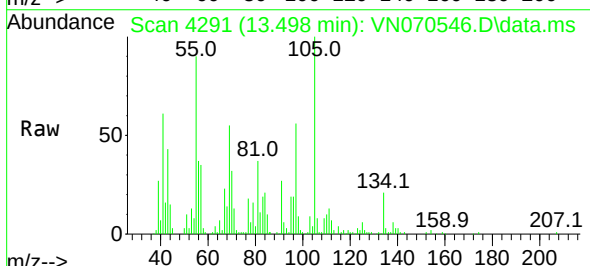
Acq: 10 Jan 2022 16:28

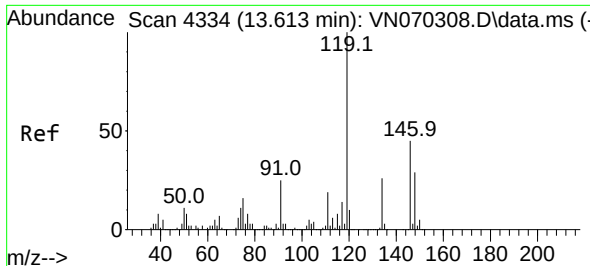
Tgt Ion:105 Resp: 69052

Ion Ratio Lower Upper

105 100

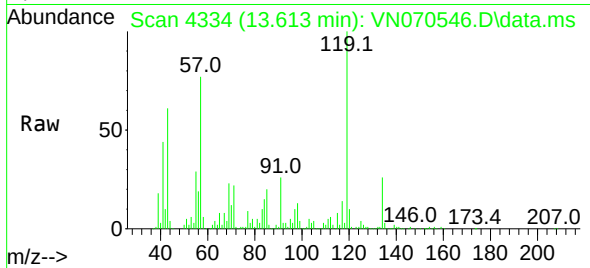
134 30.7 10.4 31.1





#86  
p-Isopropyltoluene  
Concen: 4.861 ug/l  
RT: 13.613 min Scan# 4334  
Delta R.T. 0.000 min  
Lab File: VN070546.D  
Acq: 10 Jan 2022 16:28

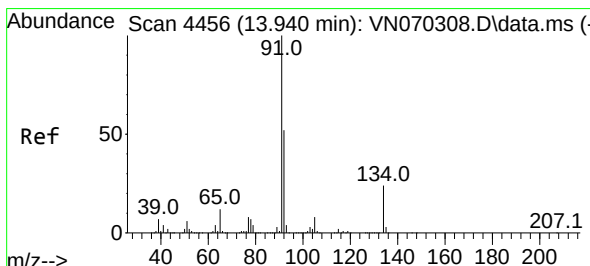
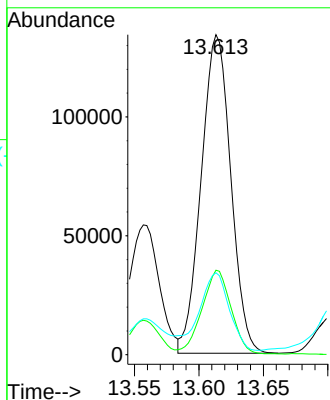
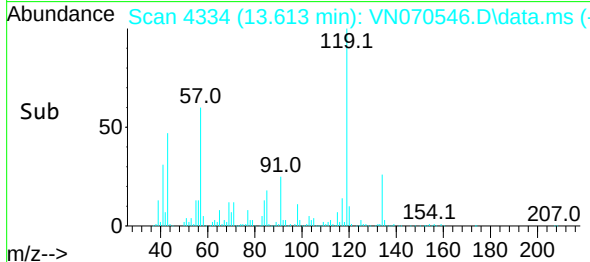
Instrument :  
MSVOA\_N  
ClientSampleId :  
NWB-1729



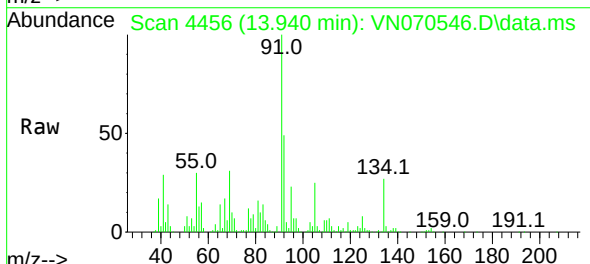
Tgt Ion: 119 Resp: 21399  
Ion Ratio Lower Upper  
119 100  
134 25.9 13.6 40.7  
91 23.4 11.4 34.1

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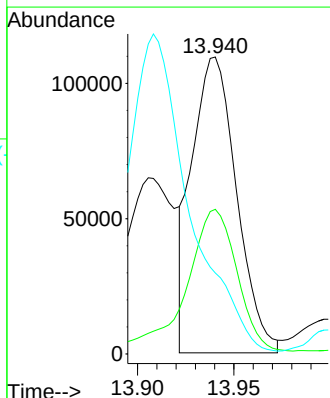
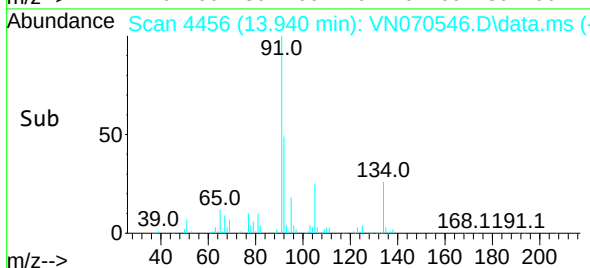
Reviewed By :Mahesh Dadoda 01/11/2022  
Supervised By :Semsettin Yesilyurt 01/11/2022

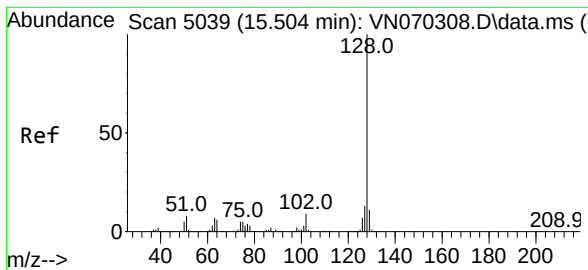


#89  
n-Butylbenzene  
Concen: 4.802 ug/l m  
RT: 13.940 min Scan# 4456  
Delta R.T. 0.000 min  
Lab File: VN070546.D  
Acq: 10 Jan 2022 16:28



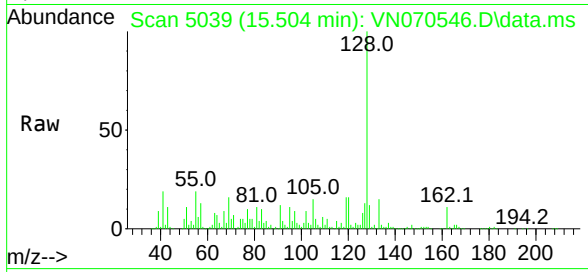
Tgt Ion: 91 Resp: 176306  
Ion Ratio Lower Upper  
91 100  
92 17.0 25.4 76.0#  
134 6.1 13.6 40.8#





#95  
Naphthalene  
Concen: 26.020 ug/l  
RT: 15.504 min Scan# 5039  
Delta R.T. -0.000 min  
Lab File: VN070546.D  
Acq: 10 Jan 2022 16:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
NWB-1729



Tgt Ion:128 Resp: 721143  
Ion Ratio Lower Upper  
128 100  
127 14.8 10.5 15.7  
129 12.1 8.7 13.1

Manual Integrations  
APPROVED

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