

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060122\  
 Data File : VU048783.D  
 Acq On : 01 Jun 2022 15:42  
 Operator : SY/MD  
 Sample : N3075-02 50X  
 Misc : 6.34g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 SS-2

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/02/2022  
 Supervised By :Semsettin Yesilyurt 06/02/2022

Quant Time: Jun 02 05:04:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 5.375          | 168  | 269459              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.250          | 114  | 454145              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.417          | 117  | 435014              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812         | 152  | 226455              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.703          | 65   | 204504              | 50.535 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 101.080% |        |        |          |
| 35) Dibromofluoromethane    | 5.292          | 113  | 163895              | 50.585 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 101.180% |        |        |          |
| 50) Toluene-d8              | 7.899          | 98   | 589695              | 50.774 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 101.540% |        |        |          |
| 62) 4-Bromofluorobenzene    | 10.632         | 95   | 223629              | 50.913 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 101.820% |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        |        |          |
|                             |                |      |                     |        | Qvalue |          |
| 31) Cyclohexane             | 5.385          | 56   | 27102               | 5.314  | ug/l # | 85       |
| 39) Methylcyclohexane       | 6.764          | 83   | 49636               | 10.011 | ug/l   | 98       |
| 40) Benzene                 | 5.777          | 78   | 30505               | 2.185  | ug/l   | 96       |
| 52) Toluene                 | 7.970          | 92   | 3046                | 0.365  | ug/l   | 87       |
| 67) Ethyl Benzene           | 9.571          | 91   | 66591               | 4.291  | ug/l   | 98       |
| 68) m/p-Xylenes             | 9.697          | 106  | 31275               | 5.153  | ug/l   | 98       |
| 69) o-Xylene                | 10.102         | 106  | 2680                | 0.449  | ug/l   | 99       |
| 73) Isopropylbenzene        | 10.484         | 105  | 12604               | 0.862  | ug/l   | 98       |
| 78) n-propylbenzene         | 10.906         | 91   | 27202               | 1.561  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene  | 11.089         | 105  | 40723               | 3.203  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 11.468         | 105  | 119037              | 9.668  | ug/l   | 98       |
| 85) sec-Butylbenzene        | 11.645         | 105  | 5657                | 0.371  | ug/l   | 97       |
| 86) p-Isopropyltoluene      | 11.793         | 119  | 7570m               | 0.577  | ug/l   |          |
| 89) n-Butylbenzene          | 12.201         | 91   | 14755               | 3.261  | ug/l # | 30       |
| 95) Naphthalene             | 14.089         | 128  | 55066               | 5.465  | ug/l   | 99       |
| -----                       |                |      |                     |        |        |          |

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

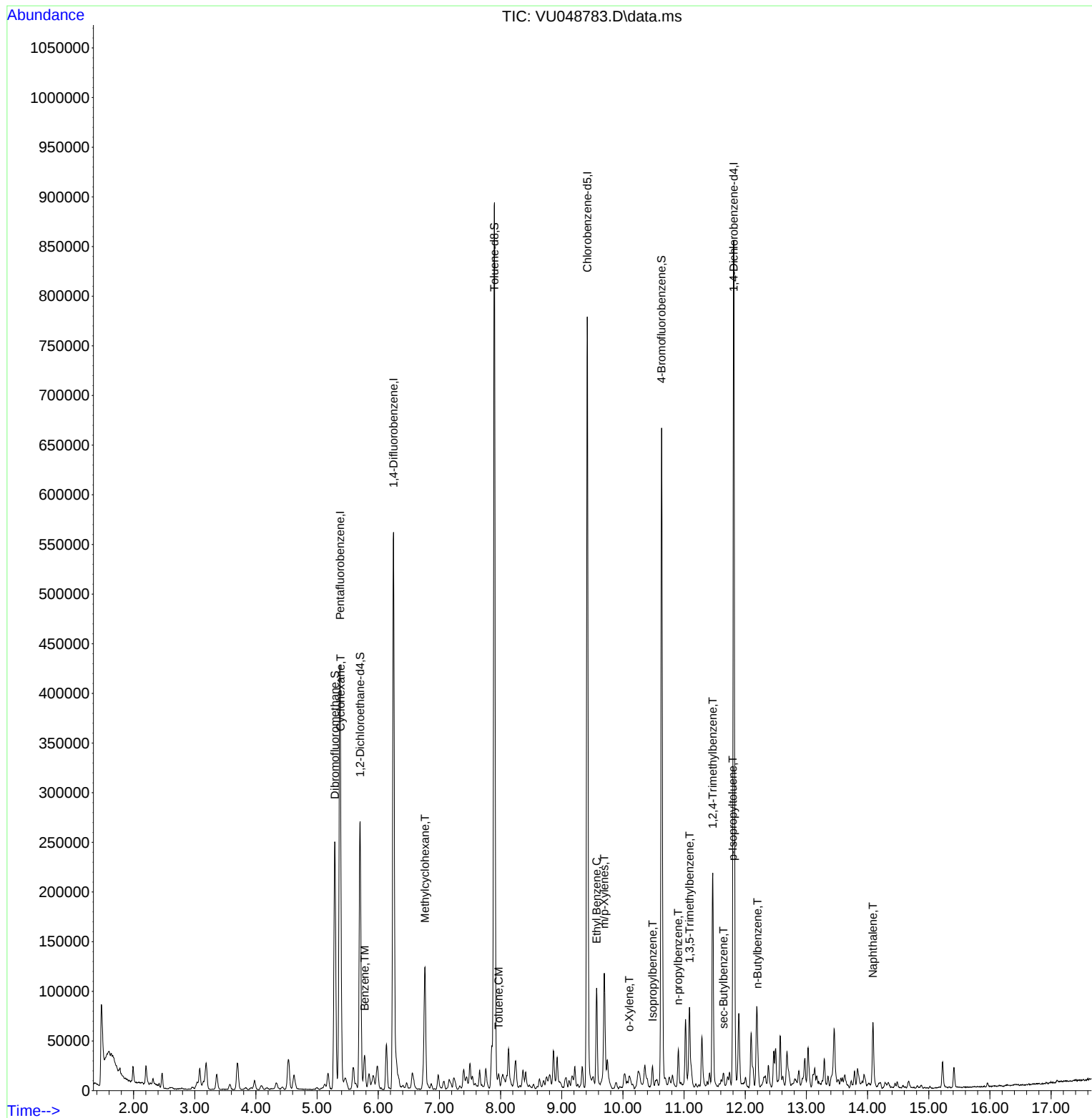
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060122\  
Data File : VU048783.D  
Acq On : 01 Jun 2022 15:42  
Operator : SY/MD  
Sample : N3075-02 50X  
Misc : 6.34g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 12 Sample Multiplier: 1

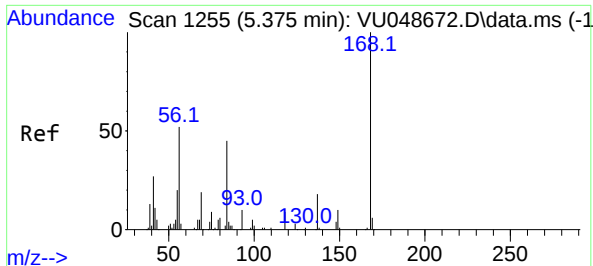
Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2

Quant Time: Jun 02 05:04:59 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 27 06:42:31 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

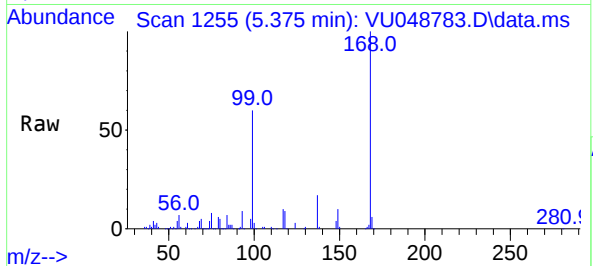
Reviewed By :Mahesh Dadoda 06/02/2022  
Supervised By :Semsettin Yesilyurt 06/02/2022





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

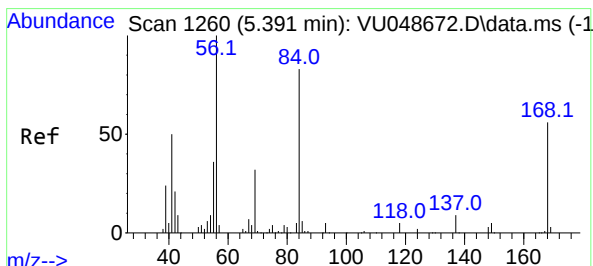
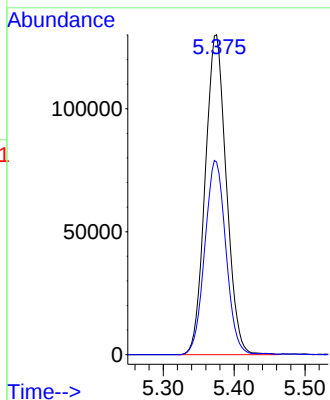
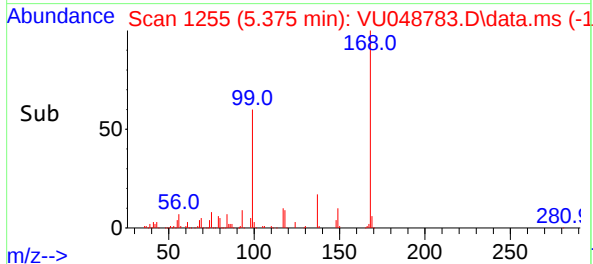
Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2



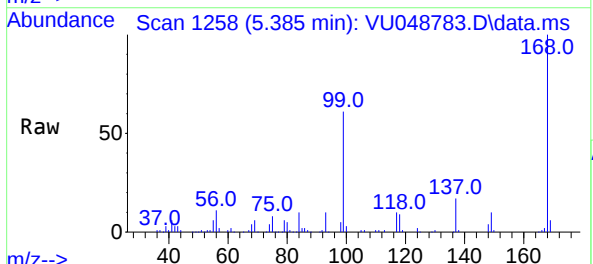
Tgt Ion:168 Resp: 26945  
Ion Ratio Lower Upper  
168 100  
99 60.2 49.3 73.9

Manual Integrations  
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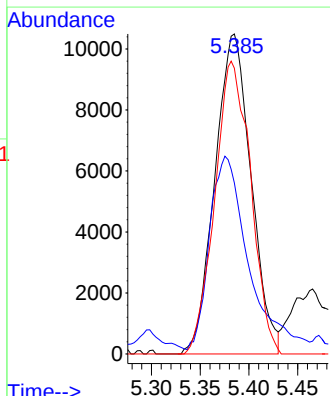
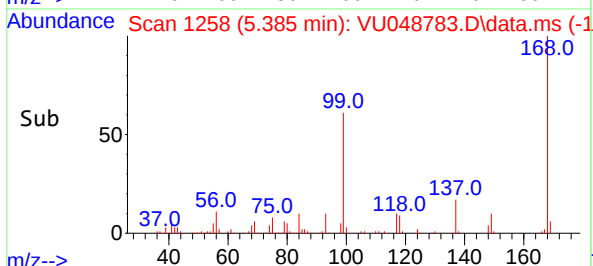
Reviewed By :Mahesh Dadoda 06/02/2022  
Supervised By :Semsettin Yesilyurt 06/02/2022

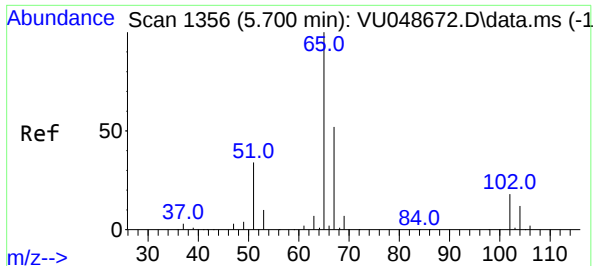


#31  
Cyclohexane  
Concen: 5.314 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42



Tgt Ion: 56 Resp: 27102  
Ion Ratio Lower Upper  
56 100  
69 50.9 25.6 38.4#  
84 89.3 66.2 99.4





#33

1,2-Dichloroethane-d4

Concen: 50.535 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU048783.D

Acq: 01 Jun 2022 15:42

Instrument :

MSVOA\_U

ClientSampleId :

SS-2

Tgt Ion: 65 Resp: 204504

Ion Ratio Lower Upper

65 100

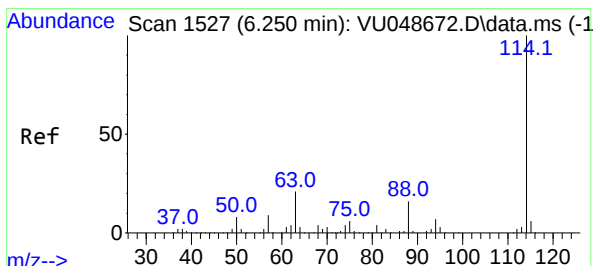
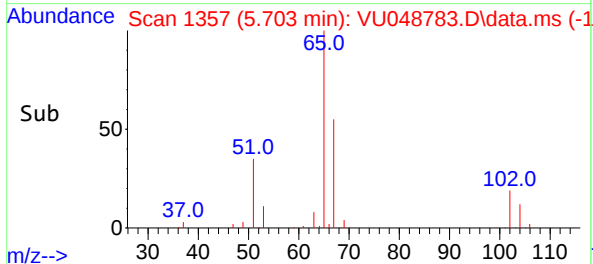
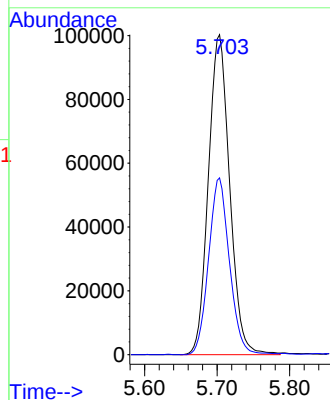
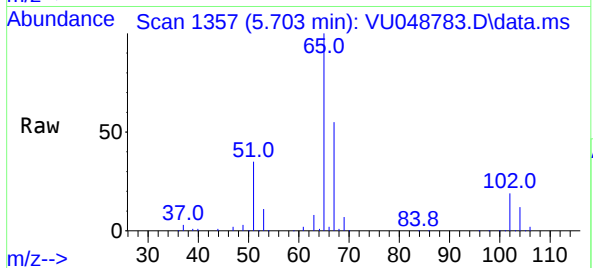
67 54.1 0.0 103.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 06/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048783.D

Acq: 01 Jun 2022 15:42

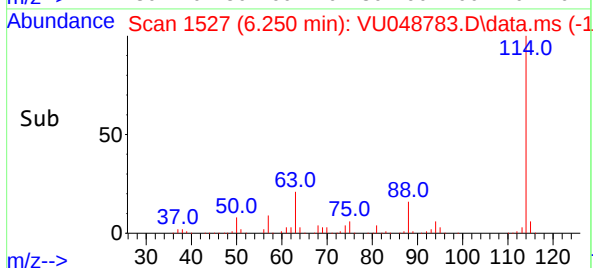
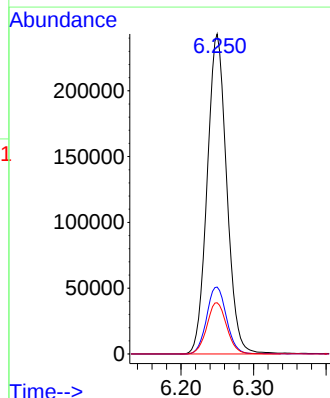
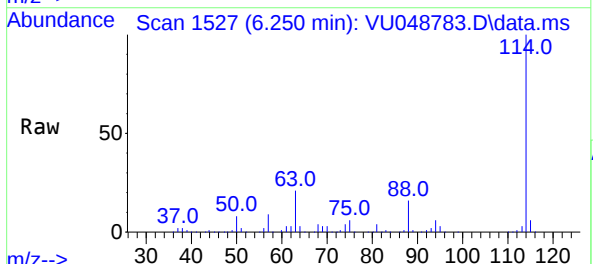
Tgt Ion:114 Resp: 454145

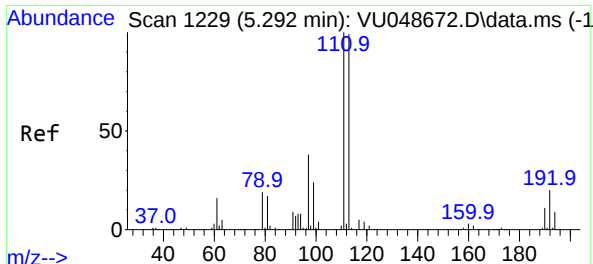
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

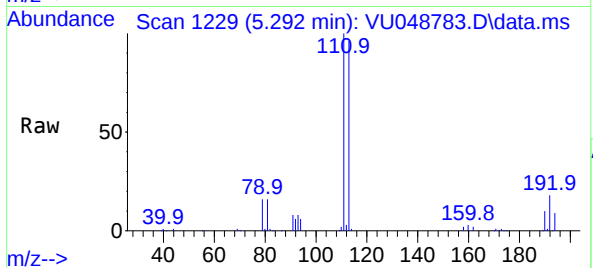
88 16.0 0.0 32.2





#35  
Dibromofluoromethane  
Concen: 50.585 ug/l  
RT: 5.292 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

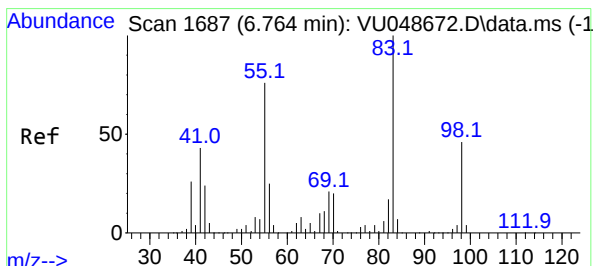
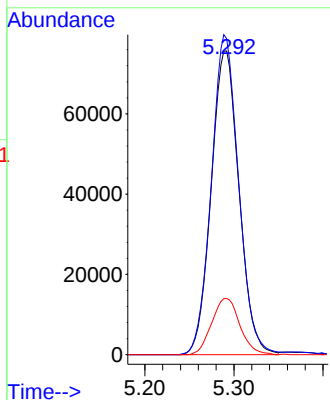
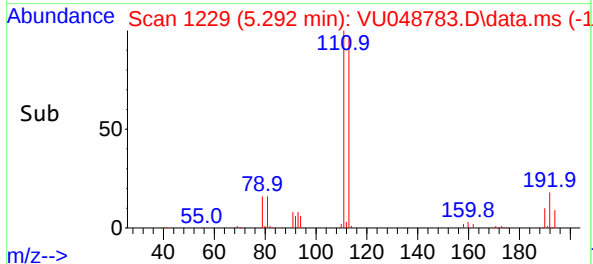
Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2



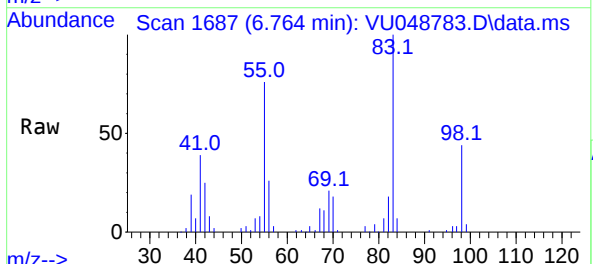
Tgt Ion: 113 Resp: 16389  
Ion Ratio Lower Upper  
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192 18.8 15.9 23.9

Manual Integrations  
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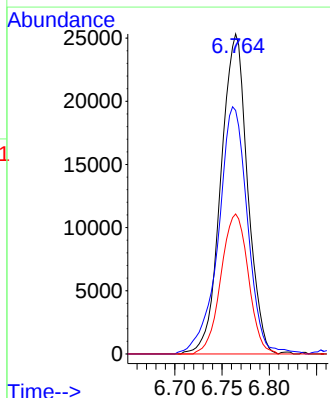
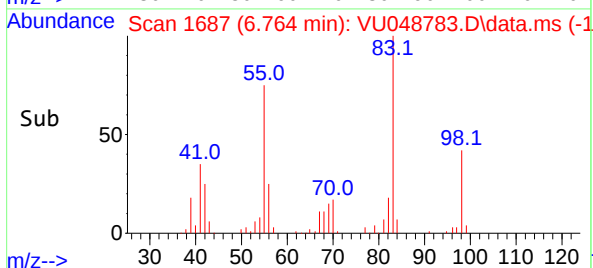
Reviewed By :Mahesh Dadoda 06/02/2022  
Supervised By :Semsettin Yesilyurt 06/02/2022

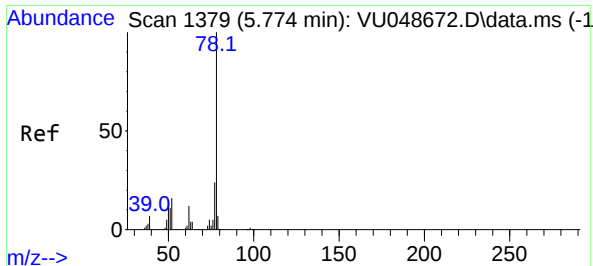


#39  
Methylcyclohexane  
Concen: 10.011 ug/l  
RT: 6.764 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42



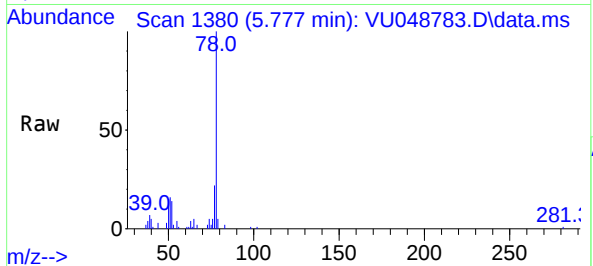
Tgt Ion: 83 Resp: 49636  
Ion Ratio Lower Upper  
83 100  
55 75.6 61.0 91.6  
98 43.8 36.8 55.2





#40  
Benzene  
Concen: 2.185 ug/l  
RT: 5.777 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

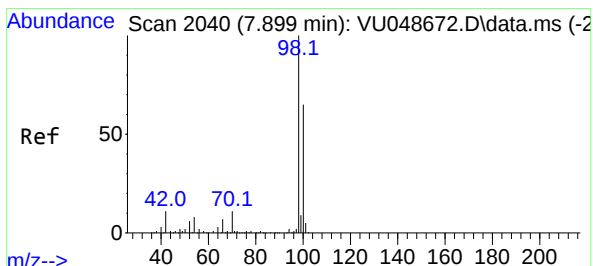
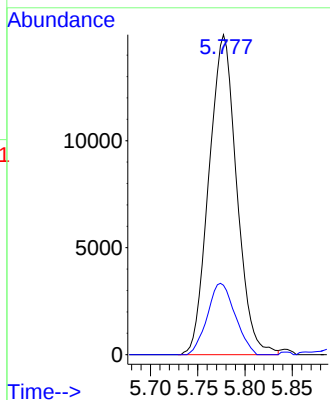
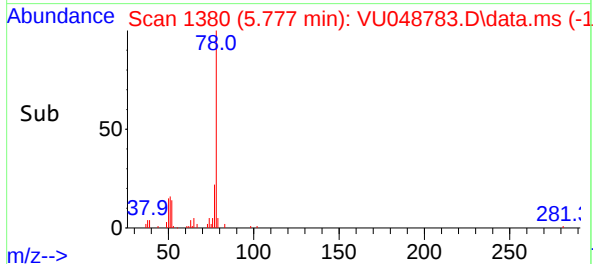
Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2



Tgt Ion: 78 Resp: 3050  
Ion Ratio Lower Upper  
78 100  
77 21.7 19.0 28.6

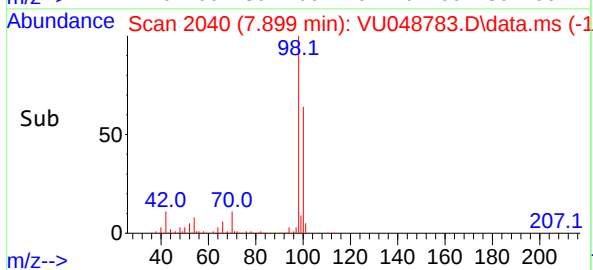
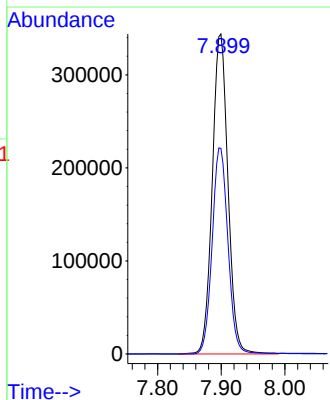
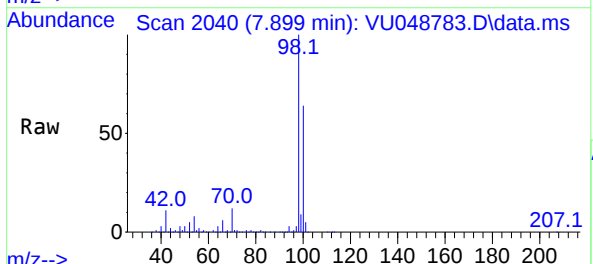
Manual Integrations  
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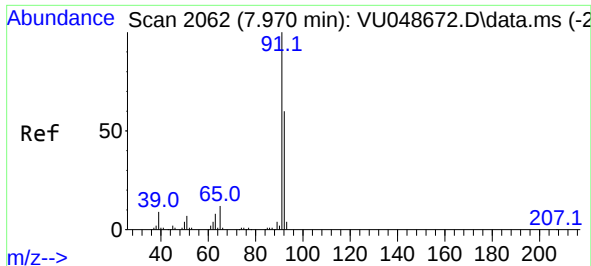
Reviewed By :Mahesh Dadoda 06/02/2022  
Supervised By :Semsettin Yesilyurt 06/02/2022



#50  
Toluene-d8  
Concen: 50.774 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

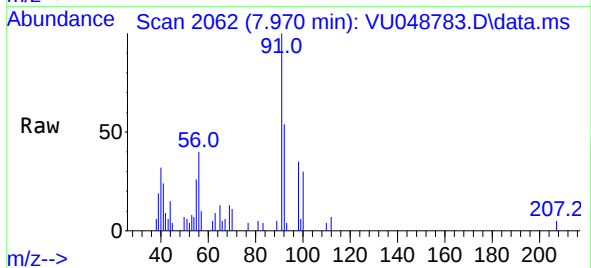
Tgt Ion: 98 Resp: 589695  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.2 78.4





#52  
Toluene  
Concen: 0.365 ug/l  
RT: 7.970 min Scan# 2062  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

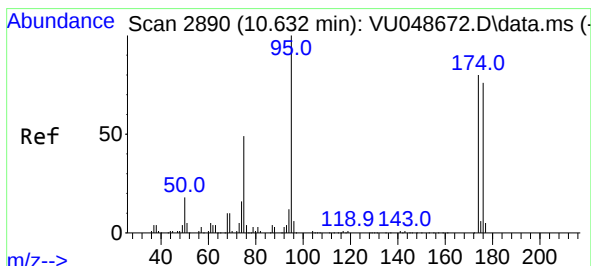
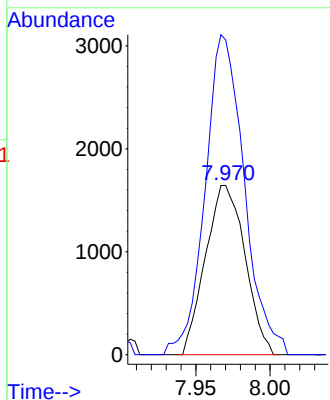
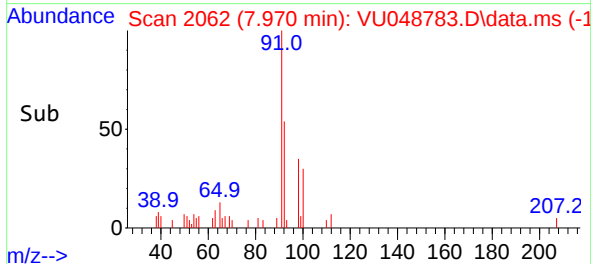
Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2



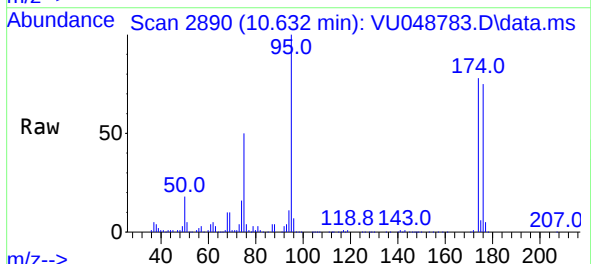
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Ion Ratio Lower Upper  
92 100  
91 186.5 135.0 202.4

Manual Integrations  
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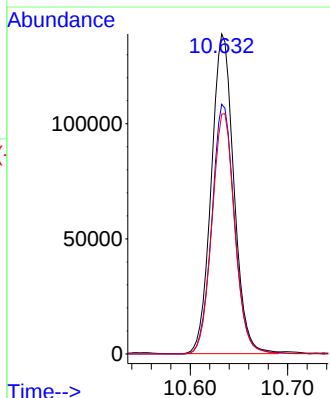
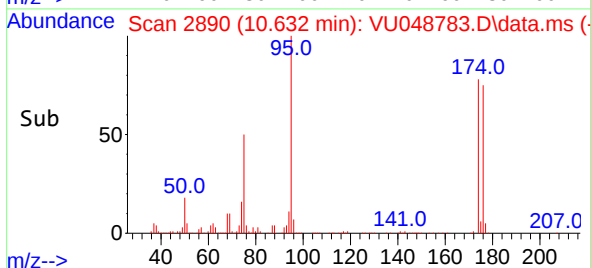
Reviewed By :Mahesh Dadoda 06/02/2022  
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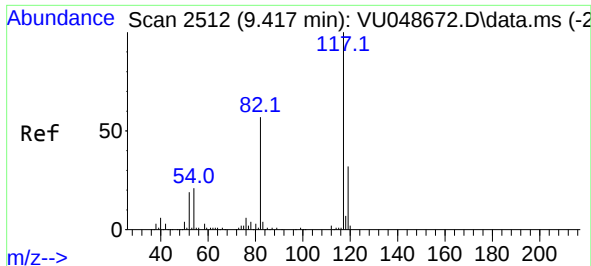


#62  
4-Bromofluorobenzene  
Concen: 50.913 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42



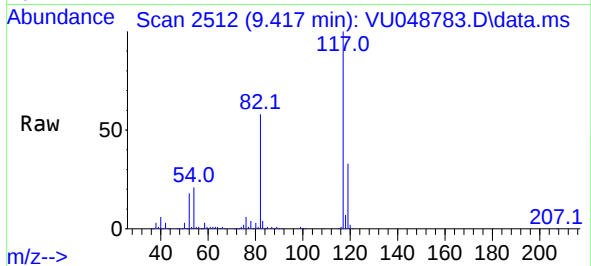
Tgt Ion: 95 Resp: 223629  
Ion Ratio Lower Upper  
95 100  
174 78.6 0.0 159.4  
176 75.8 0.0 152.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. -0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

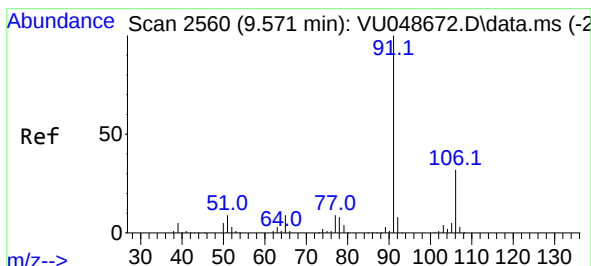
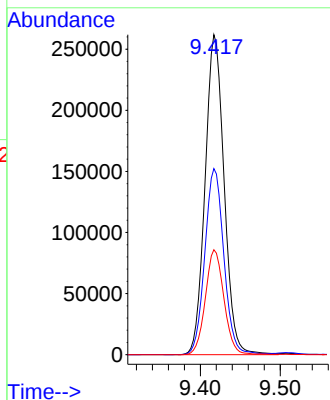
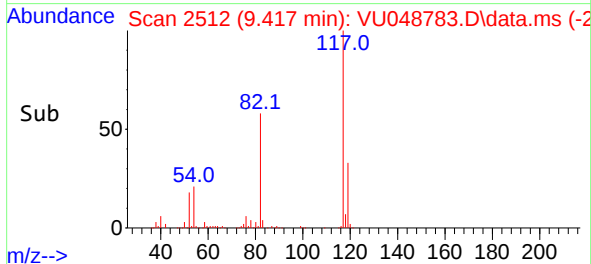
Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2



Tgt Ion: 117 Resp: 435014  
Ion Ratio Lower Upper  
117 100  
82 58.1 45.3 67.9  
119 32.8 25.4 38.2

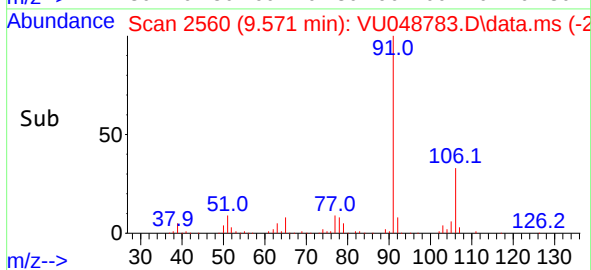
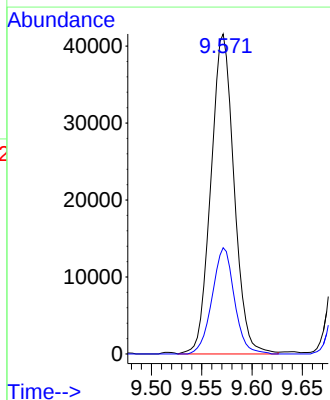
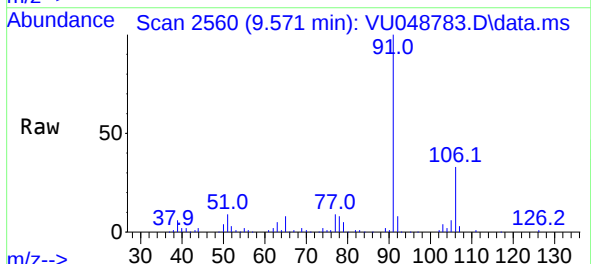
Manual Integrations  
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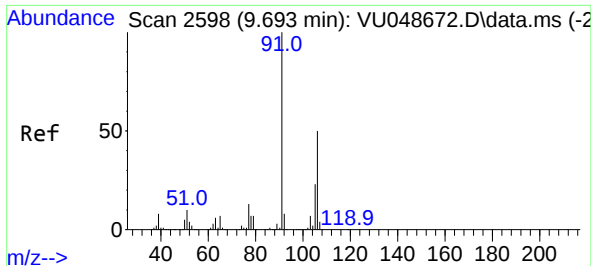
Reviewed By :Mahesh Dadoda 06/02/2022  
Supervised By :Semsettin Yesilyurt 06/02/2022



#67  
Ethyl Benzene  
Concen: 4.291 ug/l  
RT: 9.571 min Scan# 2560  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

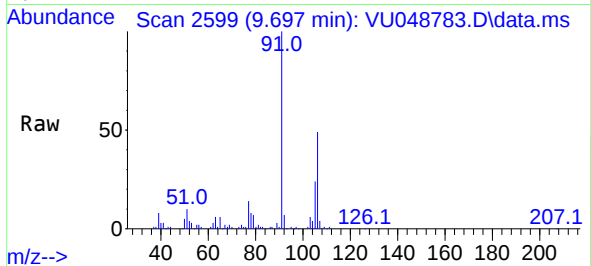
Tgt Ion: 91 Resp: 66591  
Ion Ratio Lower Upper  
91 100  
106 33.2 25.4 38.2





#68  
m/p-Xylenes  
Concen: 5.153 ug/l  
RT: 9.697 min Scan# 2599  
Delta R.T. 0.003 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

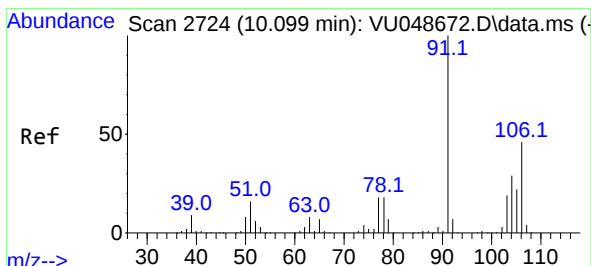
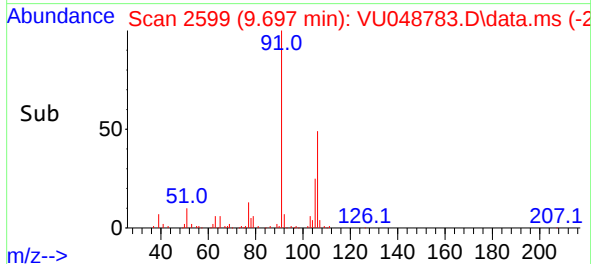
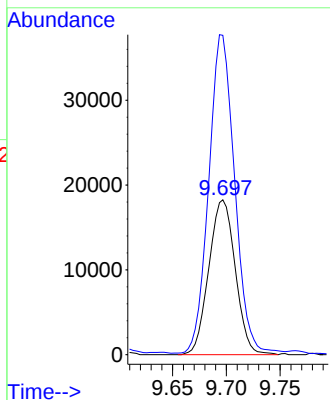
Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2



Tgt Ion:106 Resp: 3127  
Ion Ratio Lower Upper  
106 100  
91 200.2 162.4 243.6

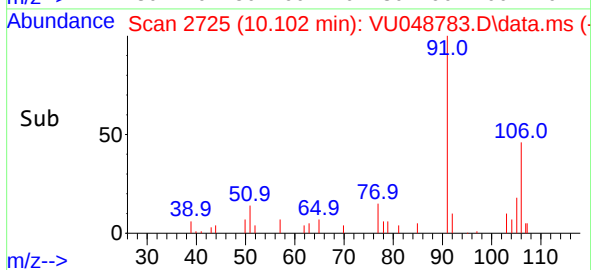
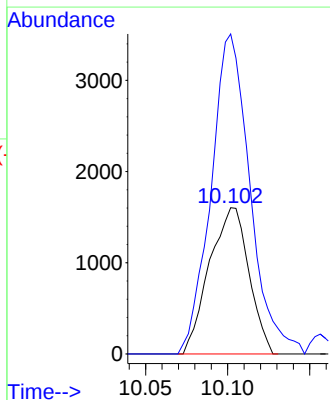
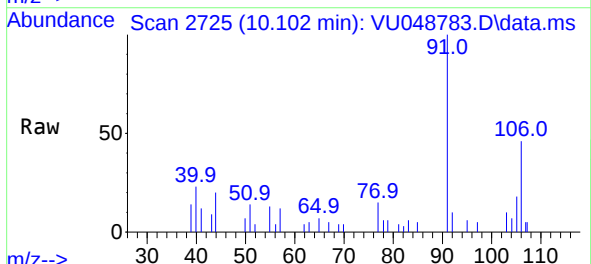
Manual Integrations  
APPROVED

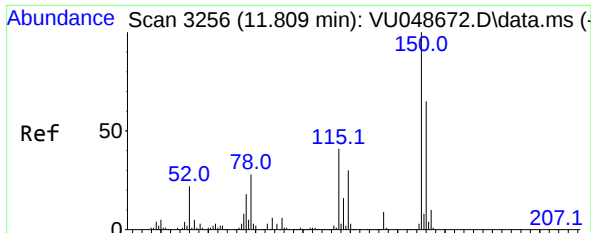
Reviewed By :Mahesh Dadoda 06/02/2022  
Supervised By :Semsettin Yesilyurt 06/02/2022



#69  
o-Xylene  
Concen: 0.449 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. 0.003 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

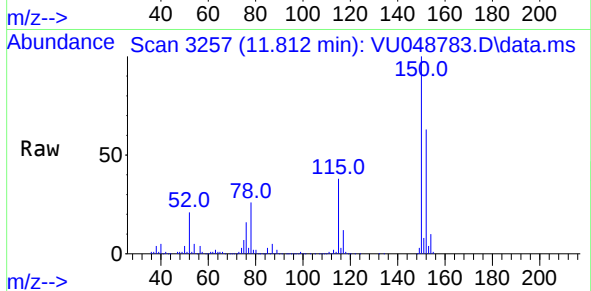
Tgt Ion:106 Resp: 2680  
Ion Ratio Lower Upper  
106 100  
91 216.6 107.7 323.3





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

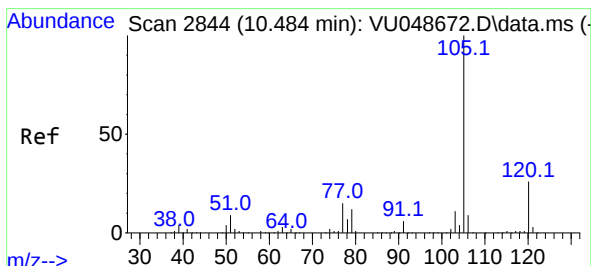
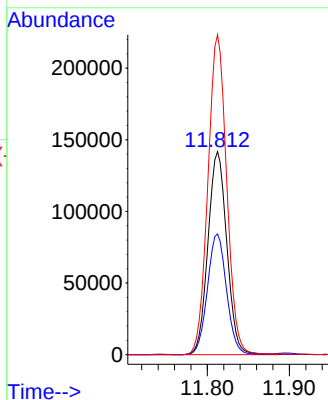
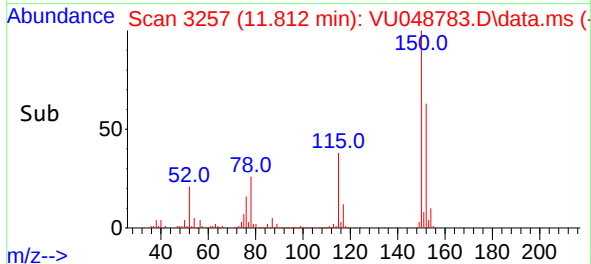
Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2



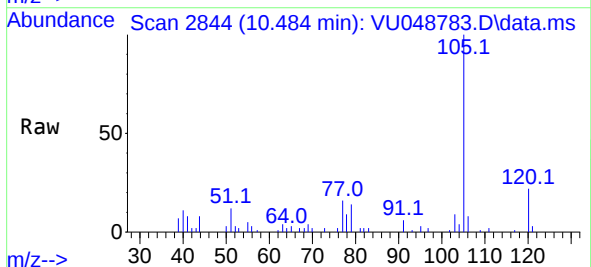
Tgt Ion:152 Resp: 22645  
Ion Ratio Lower Upper  
152 100  
115 60.2 41.8 125.4  
150 156.8 0.0 341.0

Manual Integrations  
APPROVED

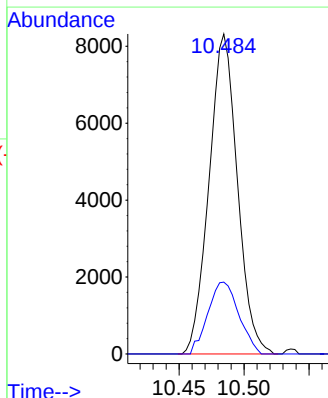
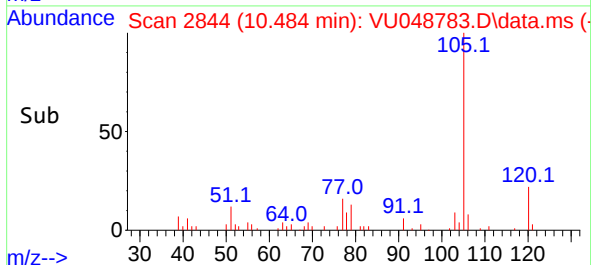
Reviewed By :Mahesh Dadoda 06/02/2022  
Supervised By :Semsettin Yesilyurt 06/02/2022

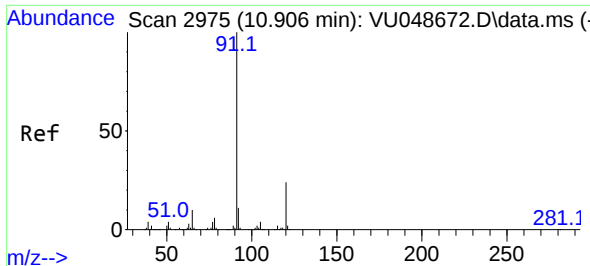


#73  
Isopropylbenzene  
Concen: 0.862 ug/l  
RT: 10.484 min Scan# 2844  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42



Tgt Ion:105 Resp: 12604  
Ion Ratio Lower Upper  
105 100  
120 24.4 12.9 38.6





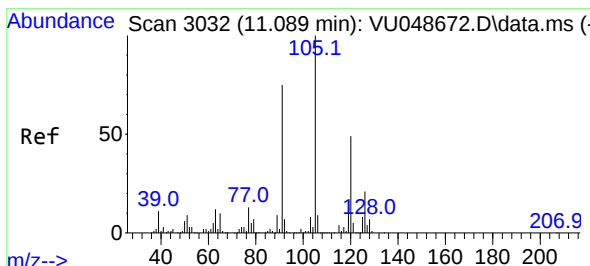
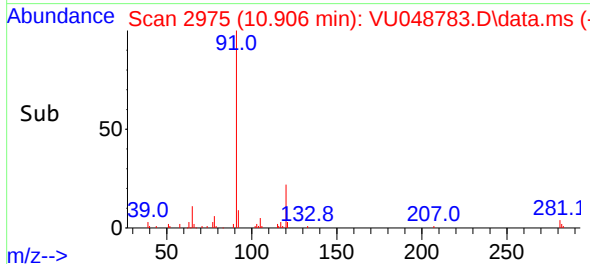
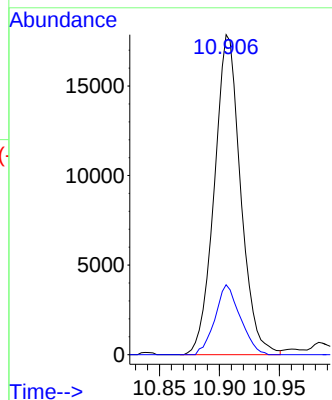
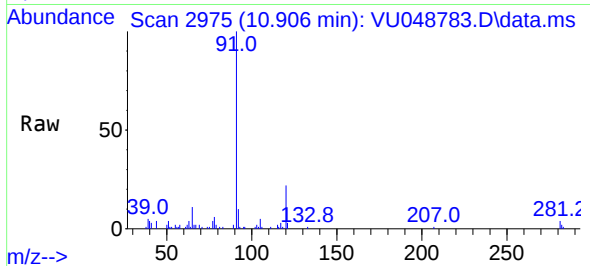
#78  
n-propylbenzene  
Concen: 1.561 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2

Tgt Ion: 91 Resp: 2720  
Ion Ratio Lower Upper  
91 100  
120 20.9 11.6 34.7

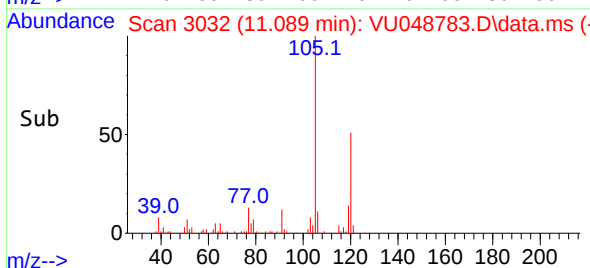
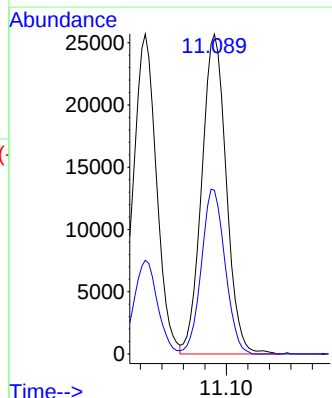
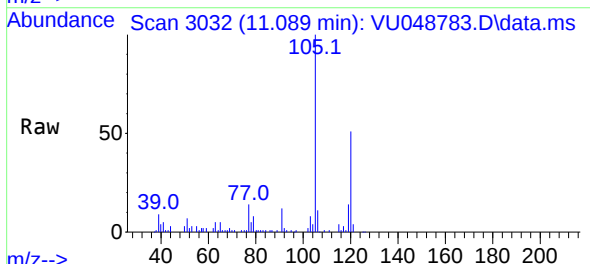
Manual Integrations  
APPROVED

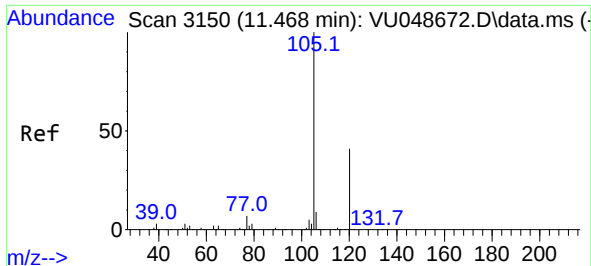
Reviewed By :Mahesh Dadoda 06/02/2022  
Supervised By :Semsettin Yesilyurt 06/02/2022



#80  
1,3,5-Trimethylbenzene  
Concen: 3.203 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

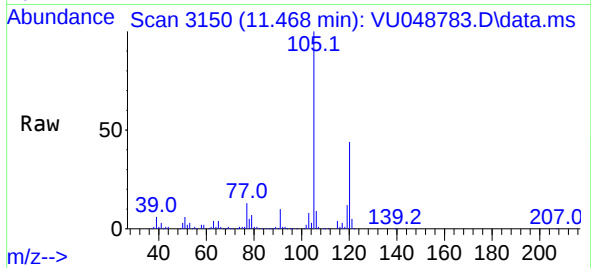
Tgt Ion:105 Resp: 40723  
Ion Ratio Lower Upper  
105 100  
120 49.7 24.1 72.3





#84  
1,2,4-Trimethylbenzene  
Concen: 9.668 ug/l  
RT: 11.468 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

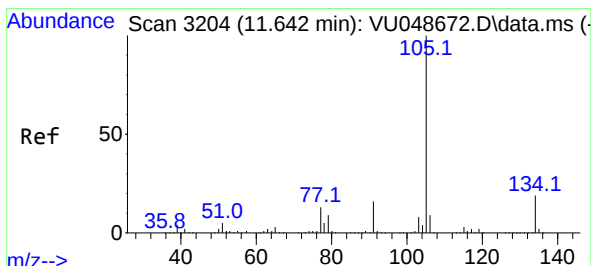
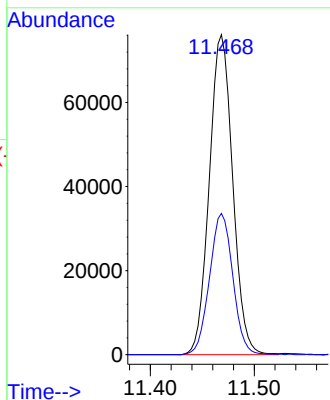
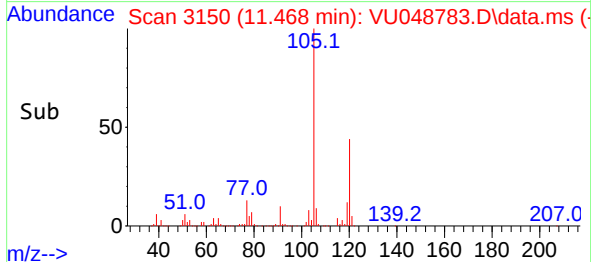
Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2



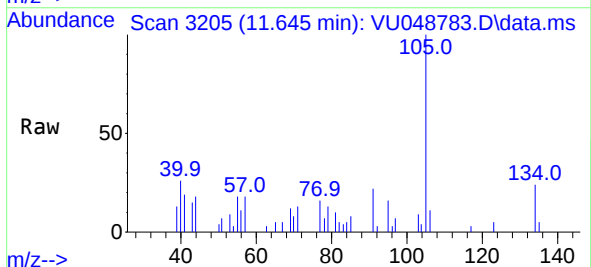
Tgt Ion:105 Resp: 11903  
Ion Ratio Lower Upper  
105 100  
120 44.0 22.5 67.5

Manual Integrations  
APPROVED

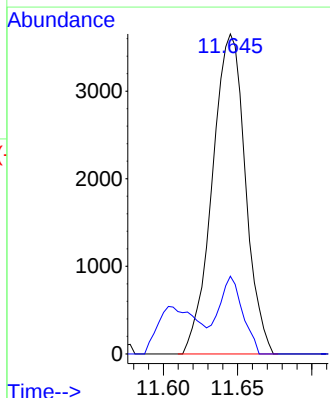
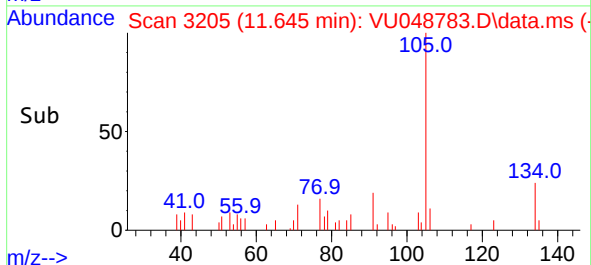
Reviewed By :Mahesh Dadoda 06/02/2022  
Supervised By :Semsettin Yesilyurt 06/02/2022

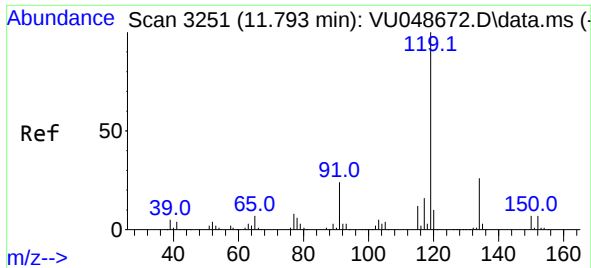


#85  
sec-Butylbenzene  
Concen: 0.371 ug/l  
RT: 11.645 min Scan# 3205  
Delta R.T. 0.003 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42



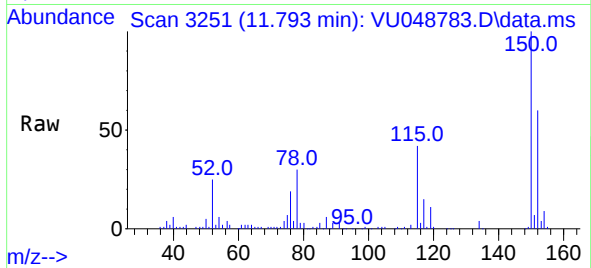
Tgt Ion:105 Resp: 5657  
Ion Ratio Lower Upper  
105 100  
134 17.7 9.6 28.6





#86  
p-Isopropyltoluene  
Concen: 0.577 ug/l m  
RT: 11.793 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

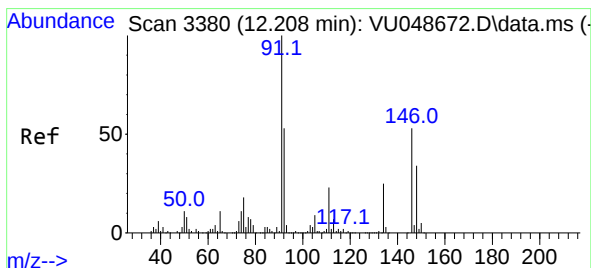
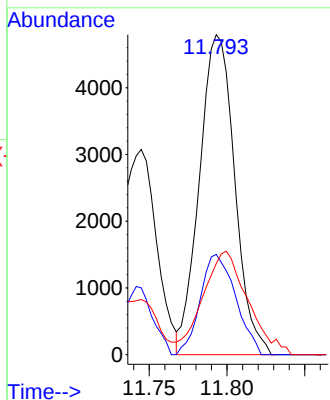
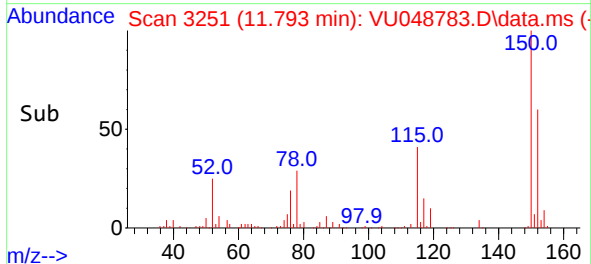
Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2



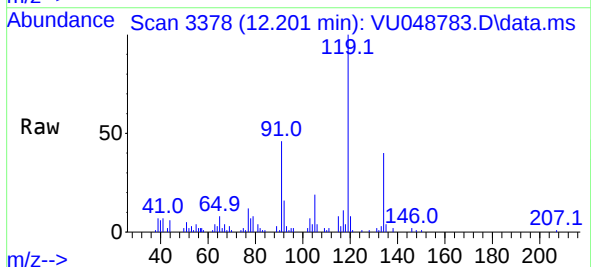
Tgt Ion: 119 Resp: 7570  
Ion Ratio Lower Upper  
119 100  
134 18.5 12.8 38.4  
91 20.6 12.0 36.0

Manual Integrations  
APPROVED

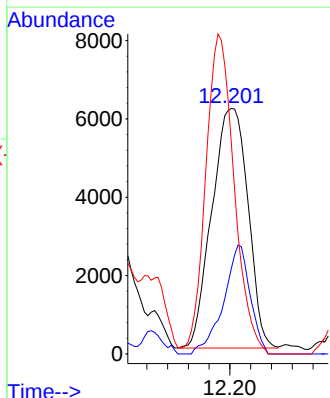
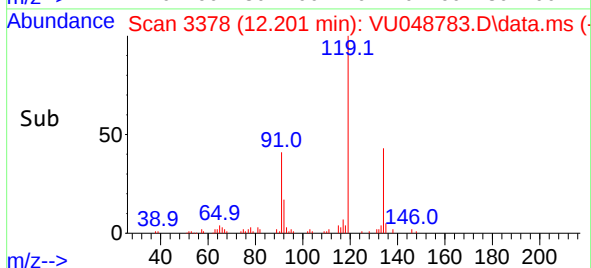
Reviewed By :Mahesh Dadoda 06/02/2022  
Supervised By :Semsettin Yesilyurt 06/02/2022

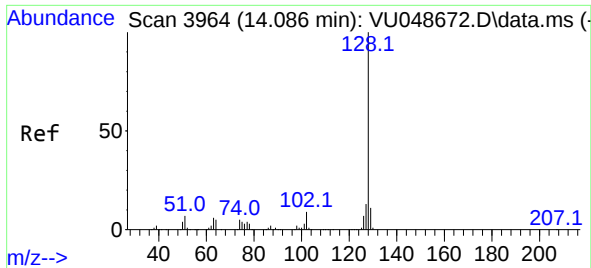


#89  
n-Butylbenzene  
Concen: 3.261 ug/l  
RT: 12.201 min Scan# 3378  
Delta R.T. -0.007 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42



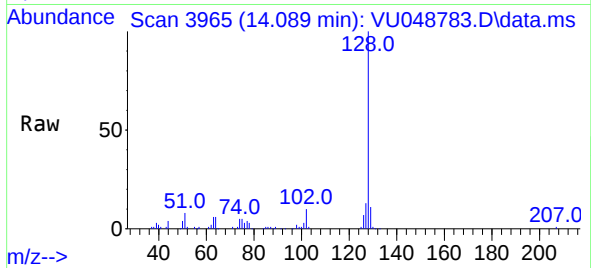
Tgt Ion: 91 Resp: 14755  
Ion Ratio Lower Upper  
91 100  
92 33.4 25.9 77.8  
134 105.4 12.5 37.5#





#95  
Naphthalene  
Concen: 5.465 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. 0.003 min  
Lab File: VU048783.D  
Acq: 01 Jun 2022 15:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
SS-2



Tgt Ion:128 Resp: 55060  
Ion Ratio Lower Upper  
128 100  
127 12.2 10.2 15.4  
129 10.8 8.7 13.1

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 06/02/2022  
Supervised By :Semsettin Yesilyurt 06/02/2022

