

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120921\  
 Data File : VX025664.D  
 Acq On : 09 Dec 2021 16:50  
 Operator : JC/MD  
 Sample : M4886-07ME  
 Misc : 5.48g/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EX888ME

Quant Time: Dec 10 02:01:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML112221WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 10 01:57:45 2021  
 Response via : Initial Calibration

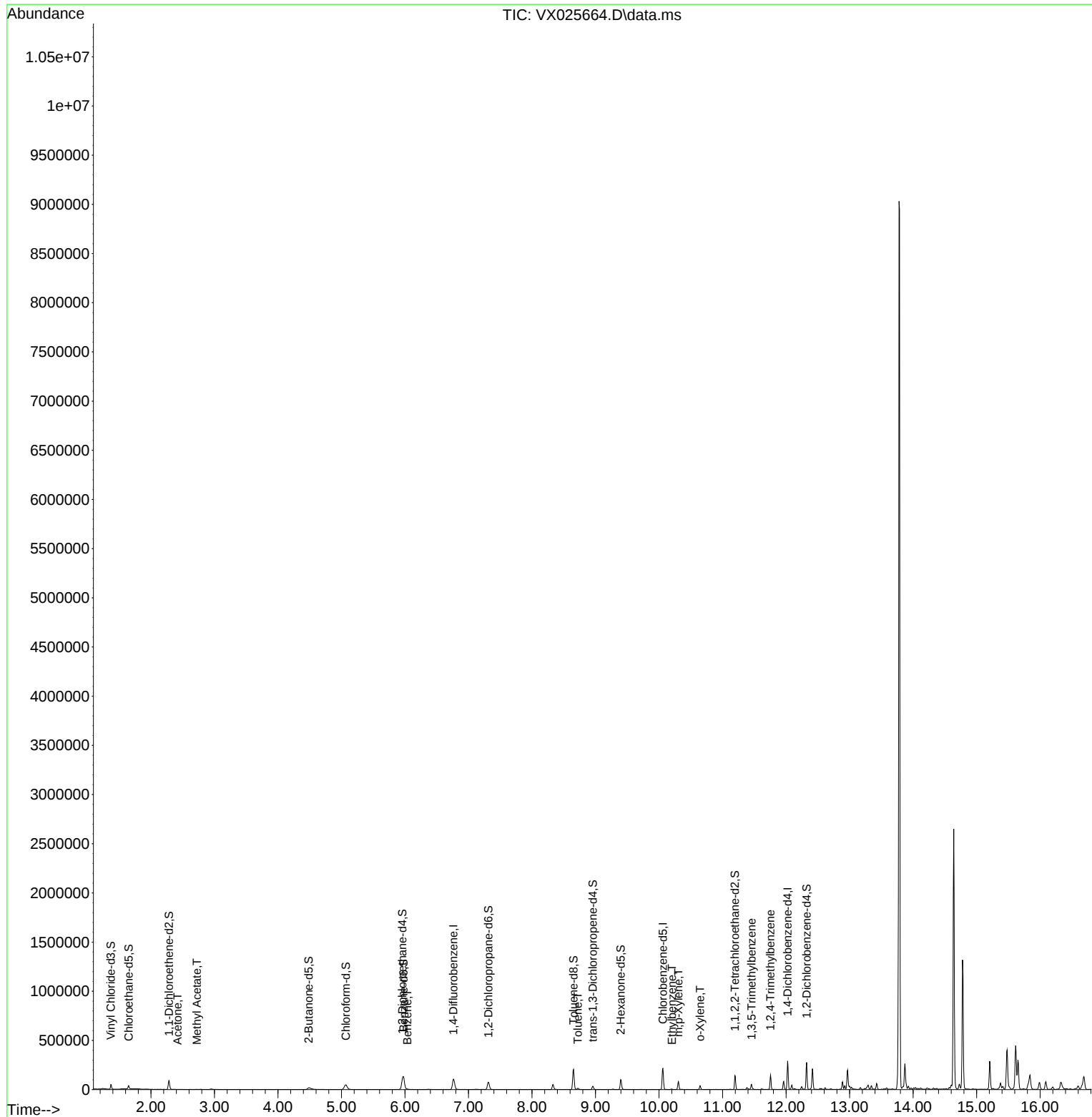
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 119316   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.061  | 117   | 108692   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 59565    | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 33990    | 41.743   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 83.480%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 19376    | 28.831   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 57.660%# |
| 11) 1,1-Dichloroethene-d2     | 2.282   | 63    | 50161    | 38.635   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 77.280%  |
| 21) 2-Butanone-d5             | 4.483   | 46    | 45424    | 74.939   | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 74.940%  |
| 24) Chloroform-d              | 5.068   | 84    | 61235    | 43.029   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.060%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 40825    | 46.023   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.040%  |
| 32) Benzene-d6                | 5.977   | 84    | 134086   | 46.547   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.100%  |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 38740    | 43.436   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 86.880%  |
| 41) Toluene-d8                | 8.653   | 98    | 125310   | 46.086   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.180%  |
| 43) trans-1,3-Dichloroprop... | 8.958   | 79    | 17572    | 39.187   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 78.380%  |
| 47) 2-Hexanone-d5             | 9.397   | 63    | 33190    | 71.489   | ug/L   | 0.01     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 71.490%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 52532    | 41.676   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 83.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 51386    | 43.985   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.960%  |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.416   | 43    | 1203     | 2.414    | ug/L   | 69       |
| 15) Methyl Acetate            | 2.721   | 43    | 1592     | 1.976    | ug/L # | 92       |
| 33) Benzene                   | 6.038   | 78    | 4164     | 1.434    | ug/L   | 100      |
| 42) Toluene                   | 8.720   | 91    | 8530     | 2.664    | ug/L   | 89       |
| 52) Ethylbenzene              | 10.201  | 91    | 3068     | 0.891    | ug/L   | 100      |
| 53) m,p-Xylene                | 10.305  | 106   | 19286    | 13.834   | ug/L   | 97       |
| 54) o-Xylene                  | 10.646  | 106   | 8461     | 6.063    | ug/L   | 91       |
| 62) 1,3,5-Trimethylbenzene    | 11.457  | 105   | 22437    | 7.008    | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.756  | 105   | 60868    | 18.815   | ug/L # | 80       |
| -----                         |         |       |          |          |        |          |

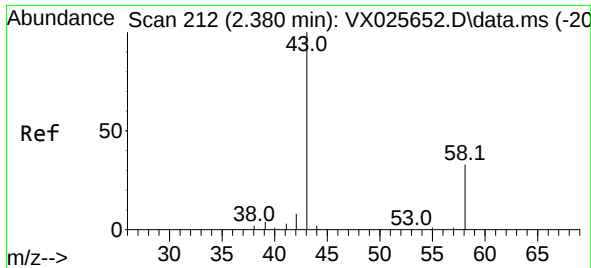
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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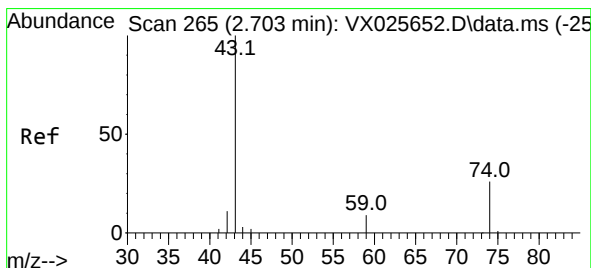
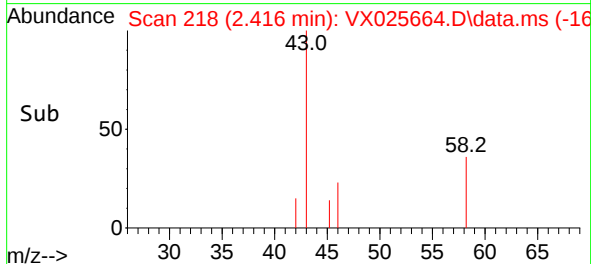
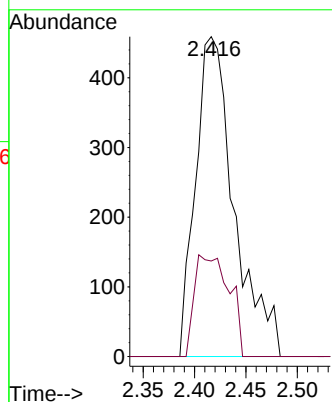
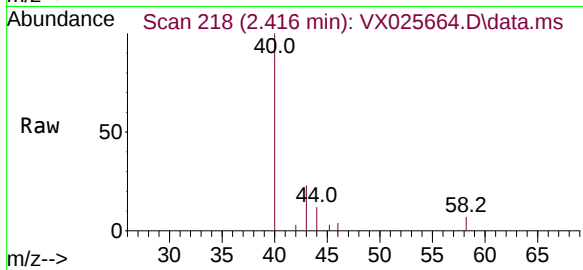




#13  
Acetone  
Concen: 2.414 ug/L  
RT: 2.416 min Scan# 21  
Delta R.T. 0.037 min  
Lab File: VX025664.D  
Acq: 09 Dec 2021 16:50

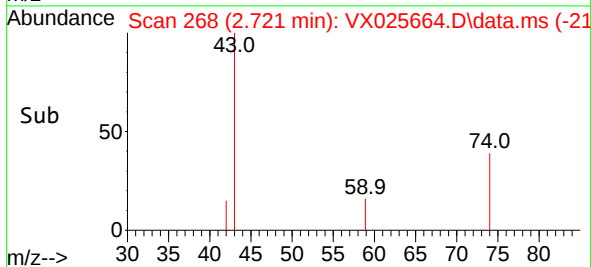
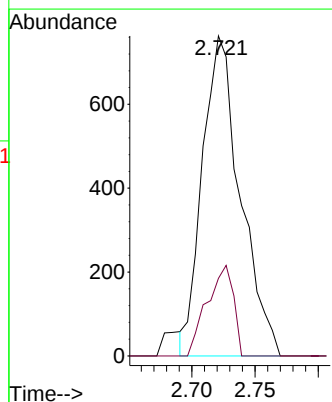
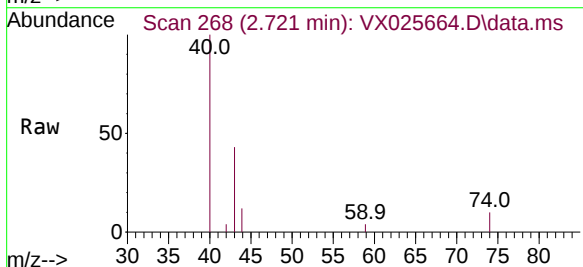
Instrument :  
MSVOA\_X  
ClientSampleId :  
EX888ME

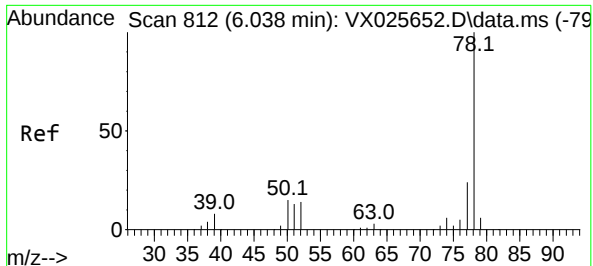
Tgt Ion: 43 Resp: 1203  
Ion Ratio Lower Upper  
43 100  
58 15.0 0.0 65.6



#15  
Methyl Acetate  
Concen: 1.976 ug/L  
RT: 2.721 min Scan# 268  
Delta R.T. 0.018 min  
Lab File: VX025664.D  
Acq: 09 Dec 2021 16:50

Tgt Ion: 43 Resp: 1592  
Ion Ratio Lower Upper  
43 100  
74 19.6 0.1 0.1#

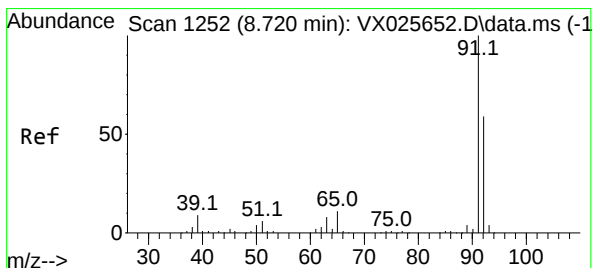
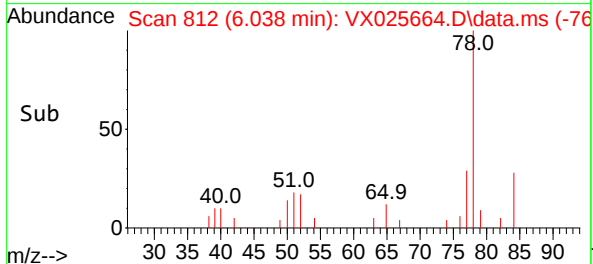
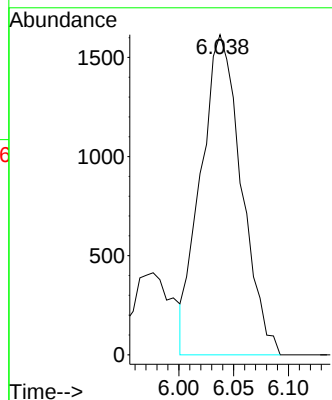
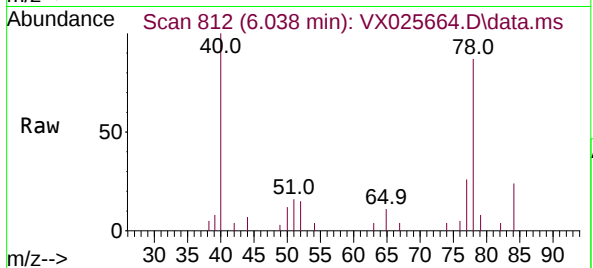




#33  
Benzene  
Concen: 1.434 ug/L  
RT: 6.038 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX025664.D  
Acq: 09 Dec 2021 16:50

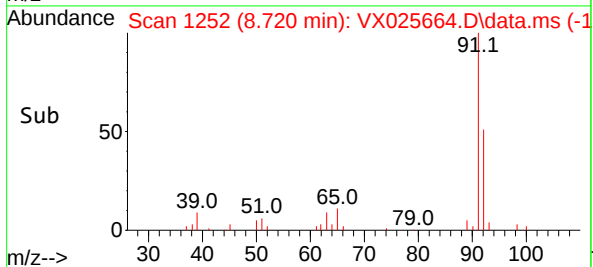
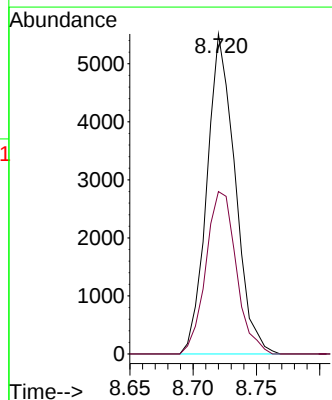
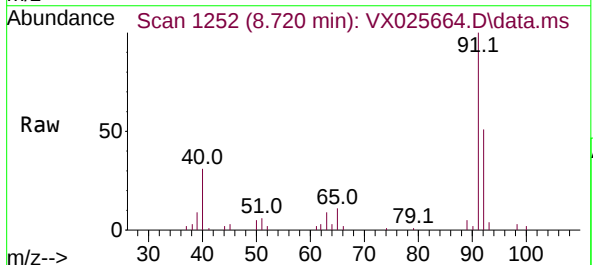
Instrument :  
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ClientSampleId :  
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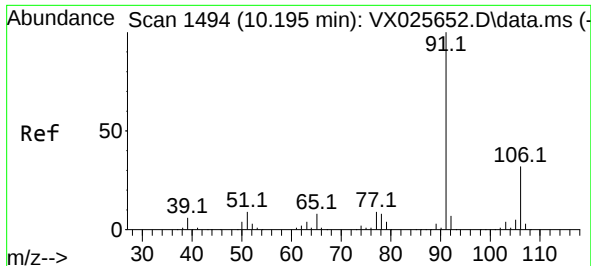
Tgt Ion: 78 Resp: 4164



#42  
Toluene  
Concen: 2.664 ug/L  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX025664.D  
Acq: 09 Dec 2021 16:50

Tgt Ion: 91 Resp: 8530  
Ion Ratio Lower Upper  
91 100  
92 50.8 41.2 76.6





#52

Ethylbenzene

Concen: 0.891 ug/L

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX025664.D

Acq: 09 Dec 2021 16:50

Instrument :

MSVOA\_X

ClientSampleId :

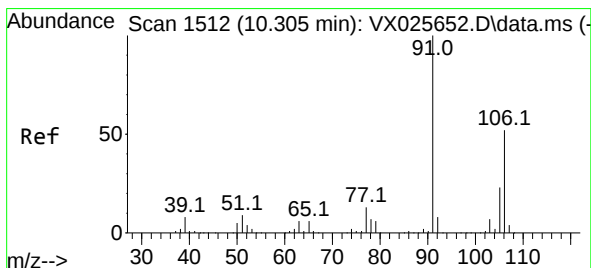
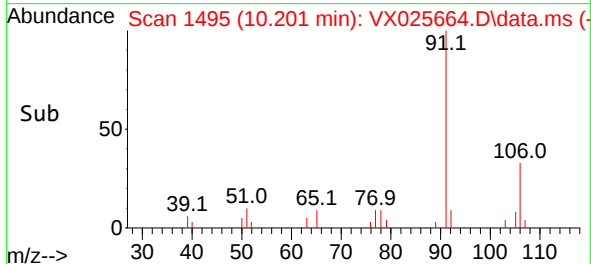
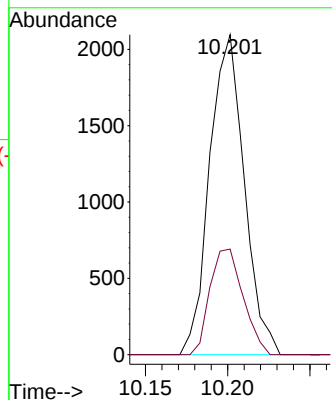
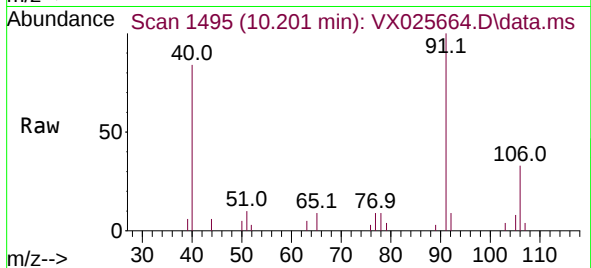
EX888ME

Tgt Ion: 91 Resp: 3068

Ion Ratio Lower Upper

91 100

106 33.0 23.1 42.9



#53

m,p-Xylene

Concen: 13.834 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025664.D

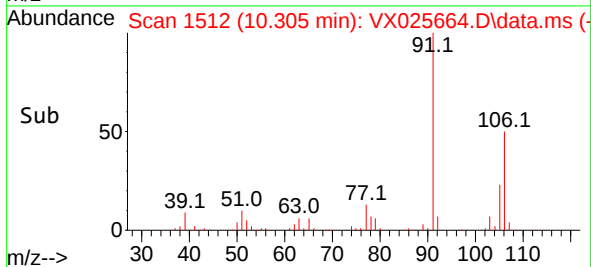
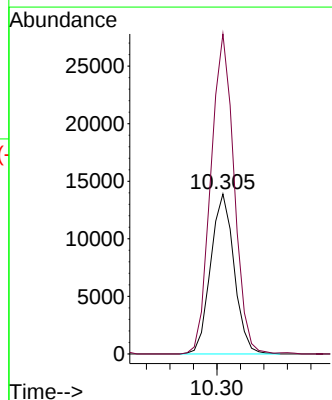
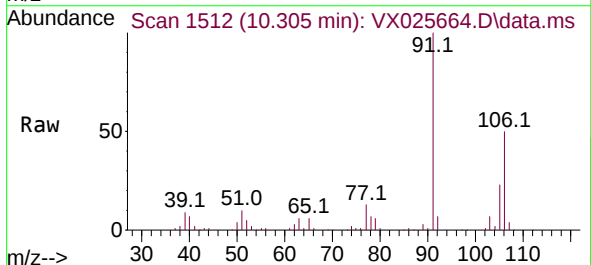
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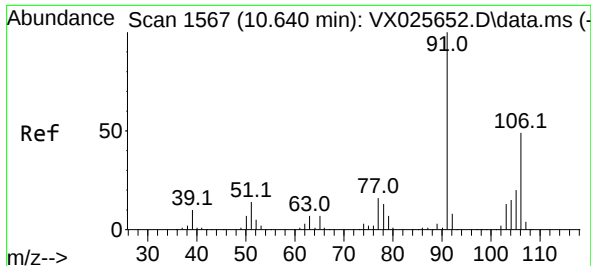
Tgt Ion: 106 Resp: 19286

Ion Ratio Lower Upper

106 100

91 200.0 136.8 254.2

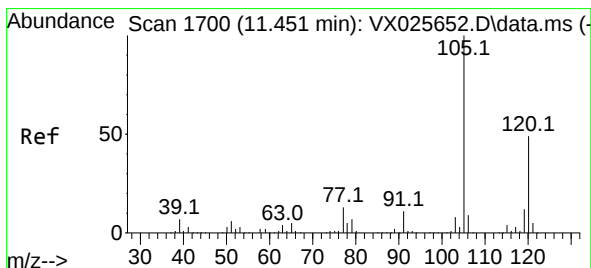
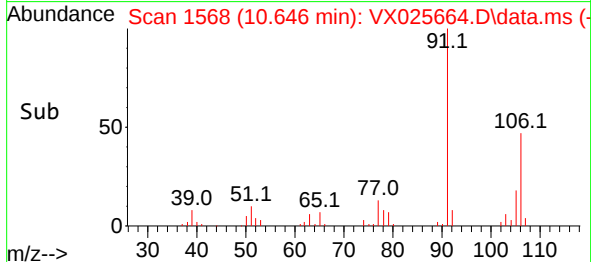
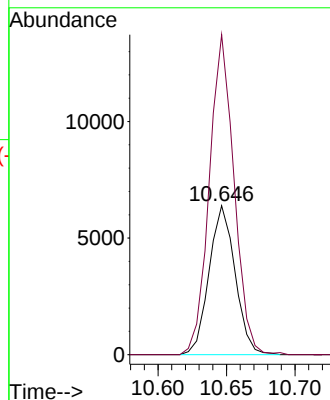
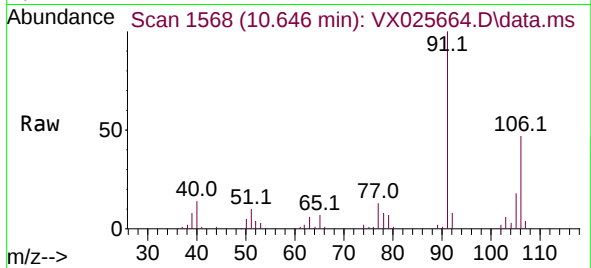




#54  
o-Xylene  
Concen: 6.063 ug/L  
RT: 10.646 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX025664.D  
Acq: 09 Dec 2021 16:50

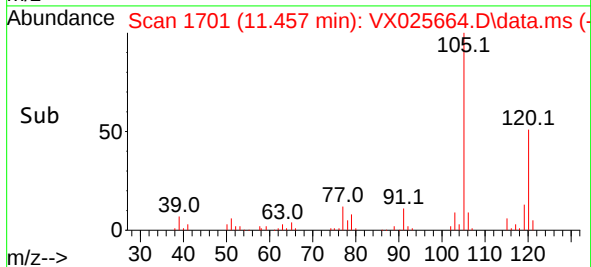
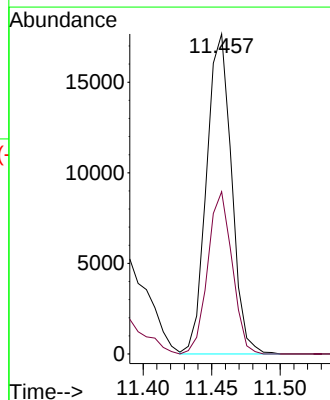
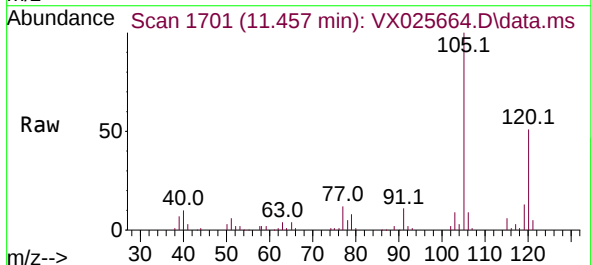
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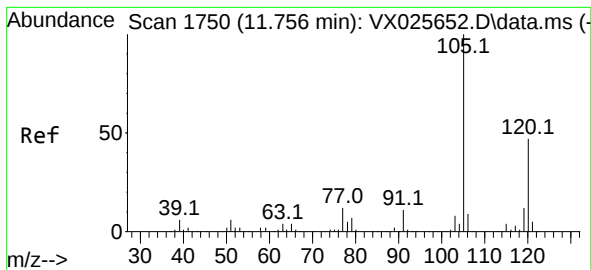
Tgt Ion:106 Resp: 8461  
Ion Ratio Lower Upper  
106 100  
91 214.8 140.5 260.9



#62  
1,3,5-Trimethylbenzene  
Concen: 7.008 ug/L  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX025664.D  
Acq: 09 Dec 2021 16:50

Tgt Ion:105 Resp: 22437  
Ion Ratio Lower Upper  
105 100  
120 49.3 41.0 61.4





#63

1,2,4-Trimethylbenzene

Concen: 18.815 ug/L

RT: 11.756 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025664.D

Acq: 09 Dec 2021 16:50

Instrument :

MSVOA\_X

ClientSampleId :

EX888ME

Tgt Ion:105 Resp: 60868

Ion Ratio Lower Upper

105 100

120 47.1 0.1 0.1#

