

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042423\  
 Data File : VW025665.D  
 Acq On : 24 Apr 2023 17:39  
 Operator : SY/MD  
 Sample : 02479-08  
 Misc : 5.28g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW949

Quant Time: Apr 25 01:13:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Apr 25 01:06:51 2023  
 Response via : Initial Calibration

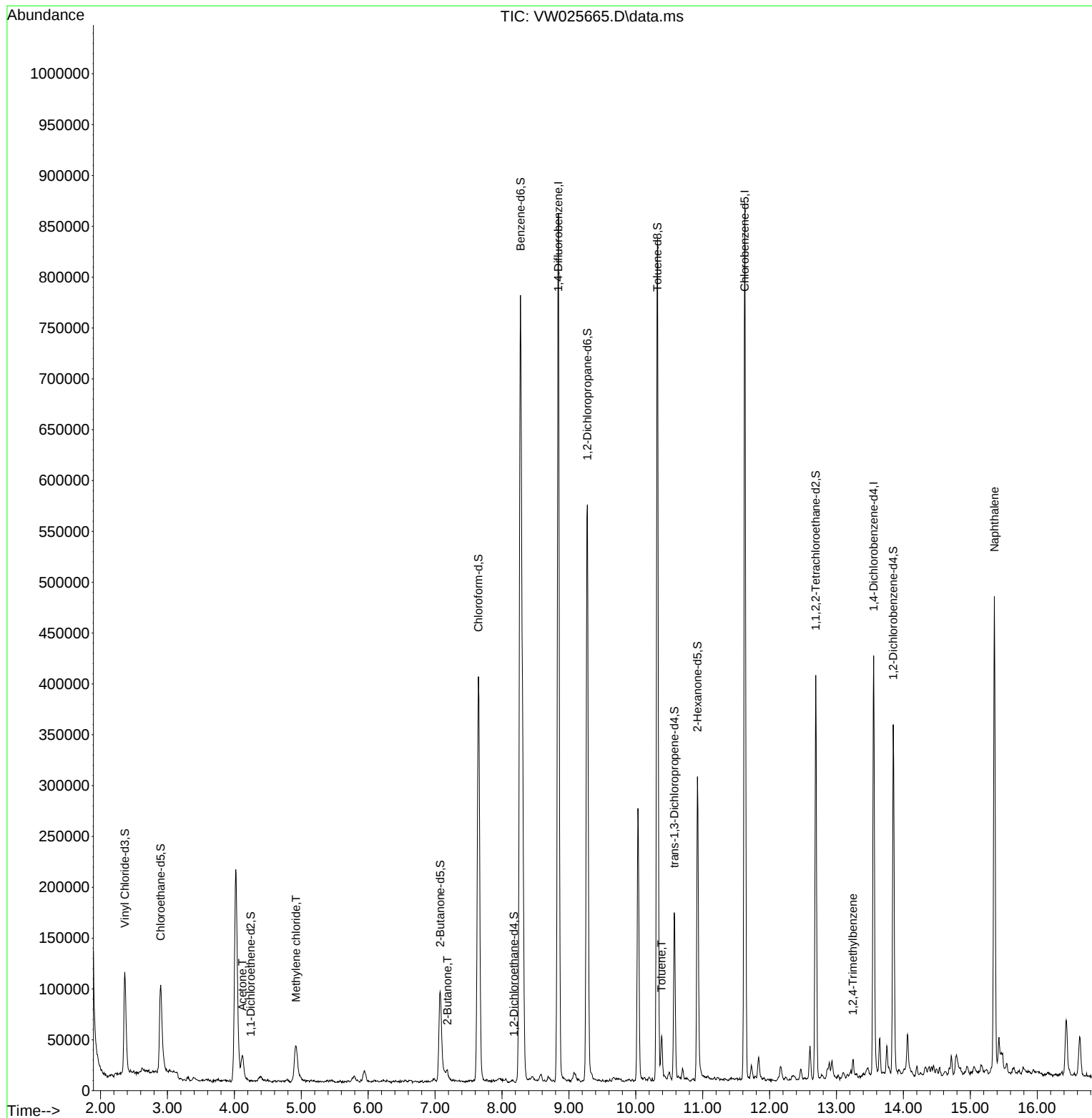
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 653465   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 438403   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 102752   | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 143936   | 13.536   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 54.160%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 136598   | 18.043   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 72.160%   |
| 11) 1,1-Dichloroethene-d2     | 4.246  | 63    | 254      | 0.012    | ug/L   | 0.23      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 0.040%#   |
| 21) 2-Butanone-d5             | 7.075  | 46    | 161700   | 68.163   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 136.320%# |
| 24) Chloroform-d              | 7.648  | 84    | 401190   | 21.866   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 87.480%   |
| 26) 1,2-Dichloroethane-d4     | 8.179  | 65    | 139      | 0.015    | ug/L   | -0.13     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.040%#   |
| 32) Benzene-d6                | 8.276  | 84    | 753325   | 26.538   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 106.160%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 273071   | 30.851   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 123.400%# |
| 41) Toluene-d8                | 10.325 | 98    | 529399   | 21.349   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.400%   |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 89043    | 26.833   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 107.320%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 99335    | 82.106   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 164.220%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 195917   | 32.794   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 131.160%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 79331    | 22.473   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.880%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.118  | 43    | 41318    | 20.579   | ug/L   | 95        |
| 16) Methylene chloride        | 4.923  | 84    | 29865    | 2.875    | ug/L   | 96        |
| 22) 2-Butanone                | 7.185  | 43    | 16152    | 5.659    | ug/L   | 98        |
| 42) Toluene                   | 10.386 | 91    | 30162    | 0.971    | ug/L   | 97        |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105   | 9473     | 0.774    | ug/L   | 98        |
| 71) Naphthalene               | 15.360 | 128   | 367283   | 54.258   | ug/L   | 99        |
| -----                         |        |       |          |          |        |           |

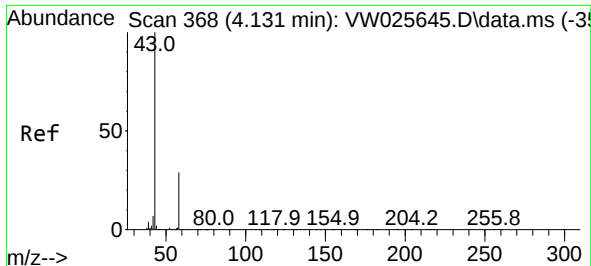
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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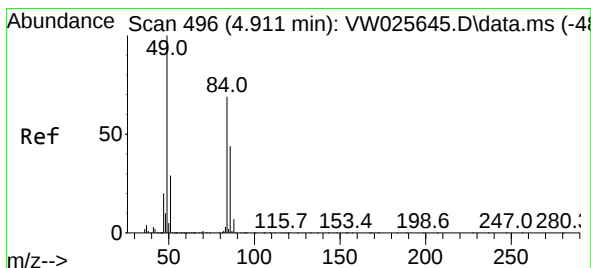
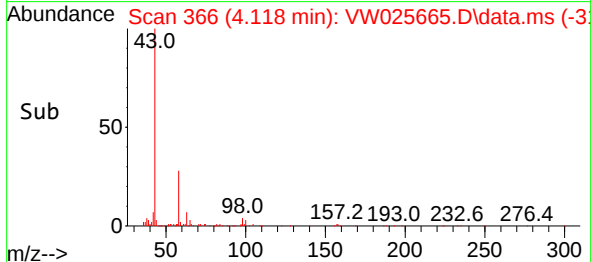
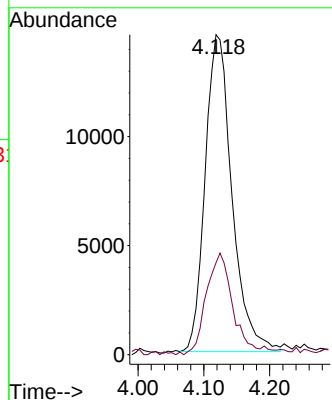
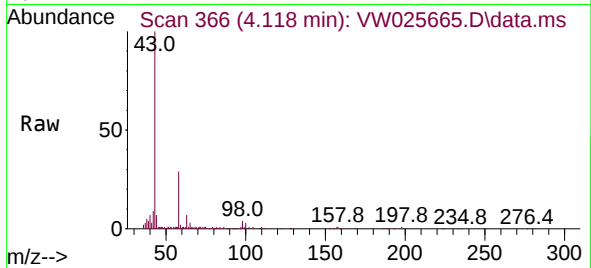




#13  
Acetone  
Concen: 20.579 ug/L  
RT: 4.118 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: VW025665.D  
Acq: 24 Apr 2023 17:39

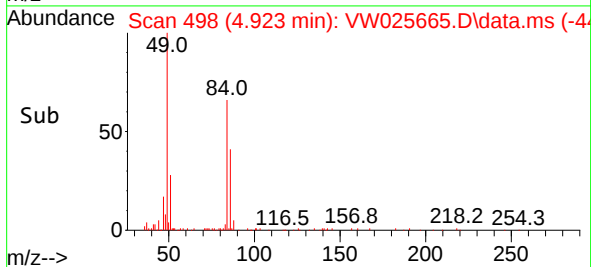
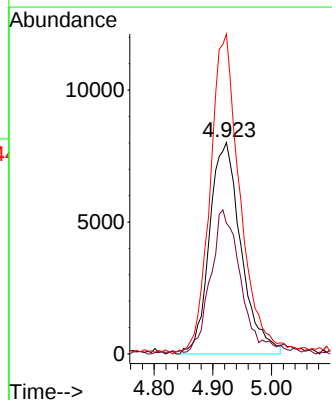
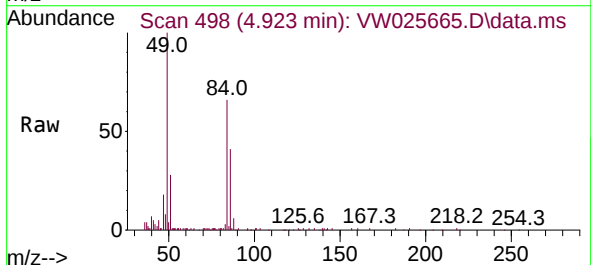
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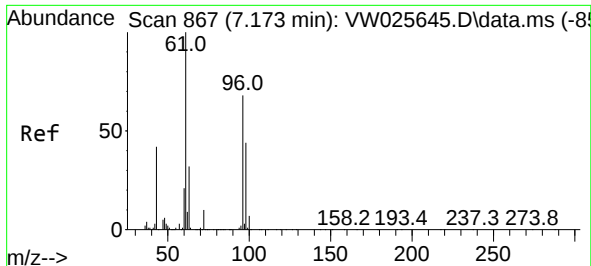
Tgt Ion: 43 Resp: 41318  
Ion Ratio Lower Upper  
43 100  
58 31.3 0.0 57.4



#16  
Methylene chloride  
Concen: 2.875 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. 0.012 min  
Lab File: VW025665.D  
Acq: 24 Apr 2023 17:39

Tgt Ion: 84 Resp: 29865  
Ion Ratio Lower Upper  
84 100  
86 61.8 44.9 83.3  
49 151.3 101.4 188.4

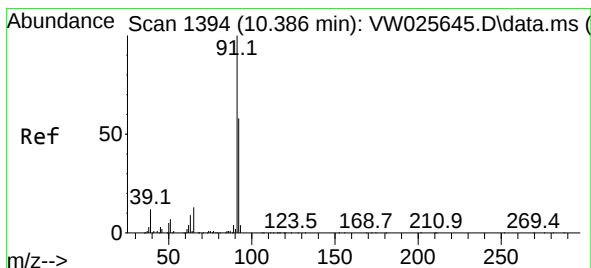
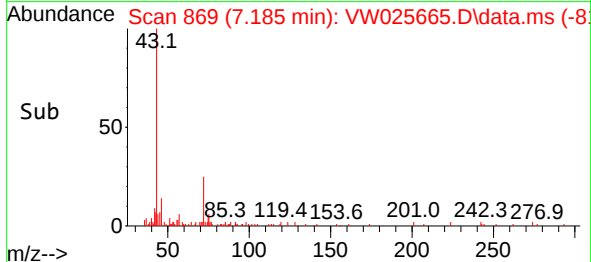
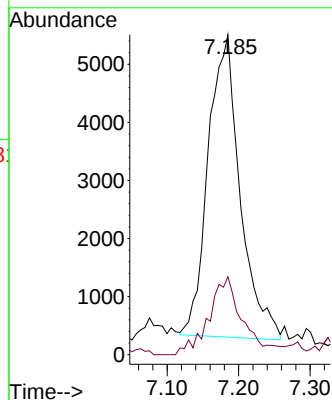
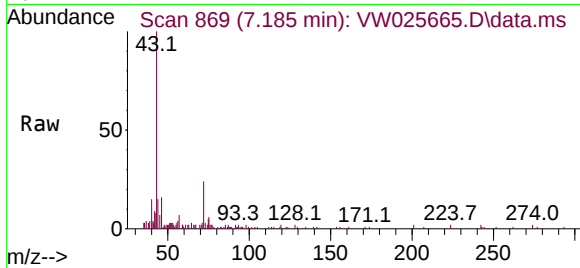




#22  
2-Butanone  
Concen: 5.659 ug/L  
RT: 7.185 min Scan# 869  
Delta R.T. 0.012 min  
Lab File: VW025665.D  
Acq: 24 Apr 2023 17:39

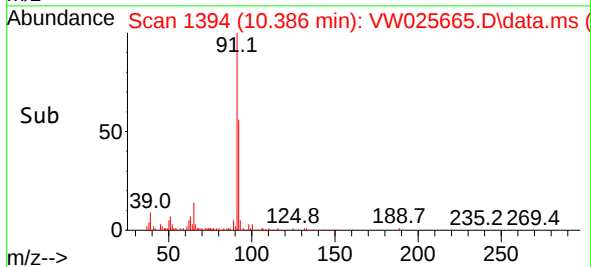
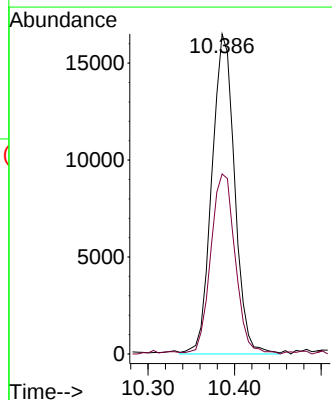
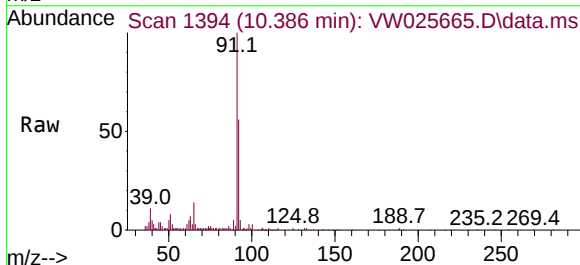
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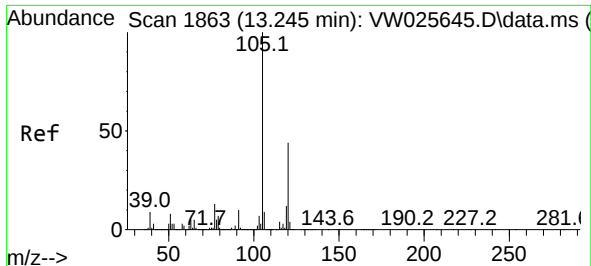
Tgt Ion: 43 Resp: 16152  
Ion Ratio Lower Upper  
43 100  
72 23.1 12.0 36.0



#42  
Toluene  
Concen: 0.971 ug/L  
RT: 10.386 min Scan# 1394  
Delta R.T. -0.000 min  
Lab File: VW025665.D  
Acq: 24 Apr 2023 17:39

Tgt Ion: 91 Resp: 30162  
Ion Ratio Lower Upper  
91 100  
92 56.2 41.1 76.3

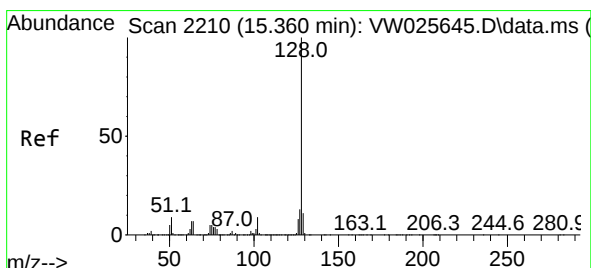
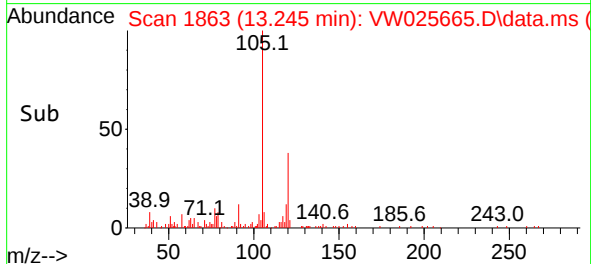
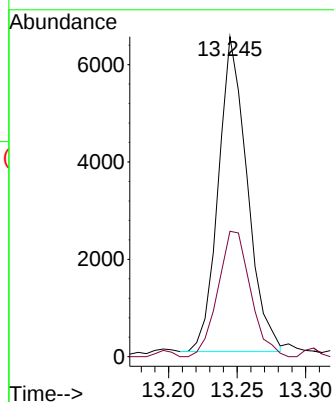
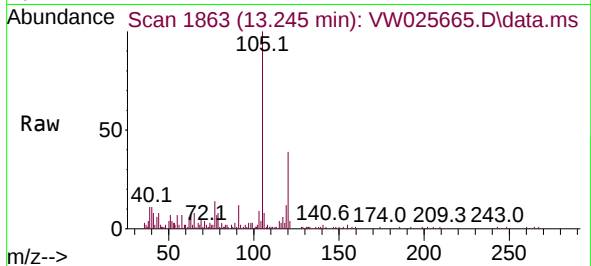




#63  
1,2,4-Trimethylbenzene  
Concen: 0.774 ug/L  
RT: 13.245 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW025665.D  
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MSVOA\_W  
ClientSampleId :  
EW949

Tgt Ion:105 Resp: 9473  
Ion Ratio Lower Upper  
105 100  
120 44.9 34.8 52.2



#71  
Naphthalene  
Concen: 54.258 ug/L  
RT: 15.360 min Scan# 2210  
Delta R.T. -0.000 min  
Lab File: VW025665.D  
Acq: 24 Apr 2023 17:39

Tgt Ion:128 Resp: 367283  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.4 15.6  
129 10.5 8.7 13.1

