

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW071221\  
 Data File : VW021628.D  
 Acq On : 12 Jul 2021 16:01  
 Operator : SY/MD  
 Sample : M3008-05  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGE71

Quant Time: Jul 13 01:17:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 13 01:14:23 2021  
 Response via : Initial Calibration

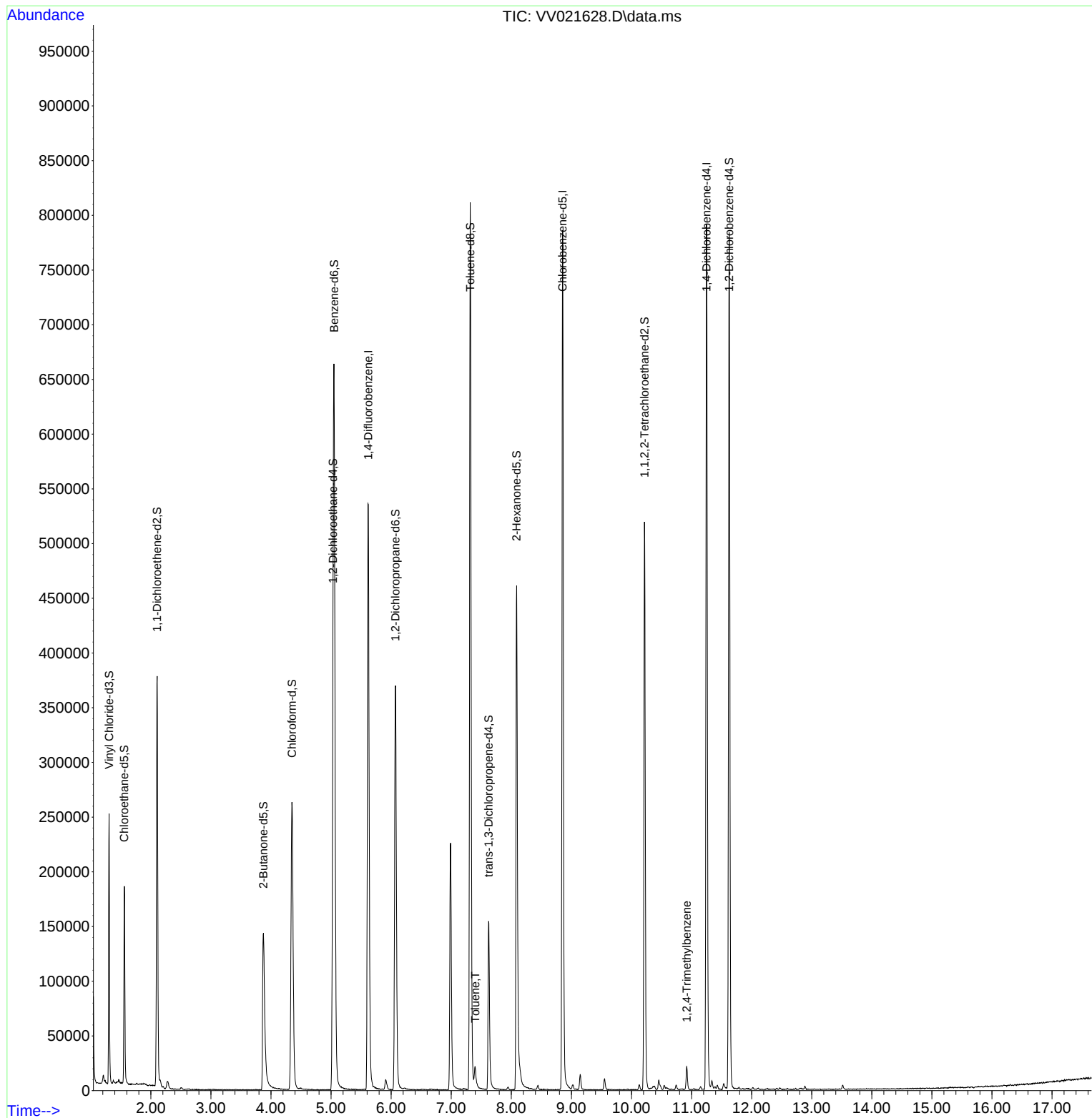
| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 485327   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 450864   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152   | 219469   | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 152449   | 49.647   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 99.300%  |
| 7) Chloroethane-d5            | 1.558   | 69    | 115961   | 46.206   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 92.420%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 192526   | 34.269   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 68.540%  |
| 21) 2-Butanone-d5             | 3.873   | 46    | 235942   | 89.968   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 89.970%  |
| 24) Chloroform-d              | 4.349   | 84    | 281344   | 43.804   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 87.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.031   | 65    | 175977   | 46.498   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 93.000%  |
| 32) Benzene-d6                | 5.050   | 84    | 591933   | 46.759   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 93.520%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 185211   | 46.387   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 92.780%  |
| 41) Toluene-d8                | 7.317   | 98    | 545743   | 46.615   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 93.220%  |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79    | 91078    | 45.856   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 91.720%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 164918   | 89.045   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 89.050%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 254063   | 47.228   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 94.460%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 210281   | 48.059   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 96.120%  |
| Target Compounds              |         |       |          |          |       |          |
| 42) Toluene                   | 7.400   | 91    | 14241    | 0.969    | ug/L  | 97       |
| 63) 1,2,4-Trimethylbenzene    | 10.918  | 105   | 10568    | 0.819    | ug/L  | 98       |
| -----                         |         |       |          |          |       |          |

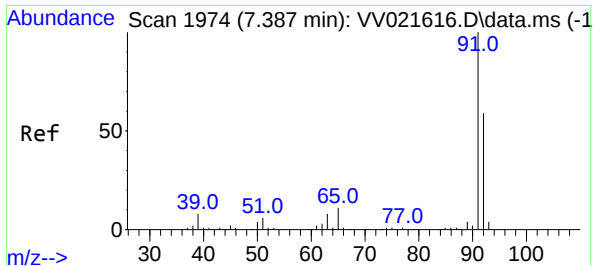
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 0.969 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV021628.D

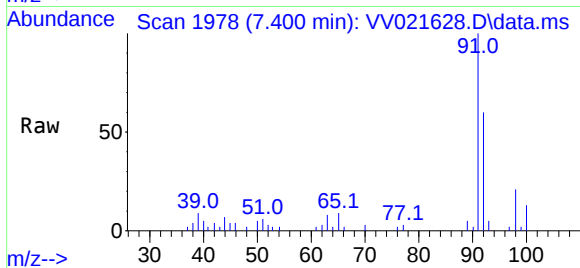
Acq: 12 Jul 2021 16:01

Tgt Ion: 91 Resp: 14241

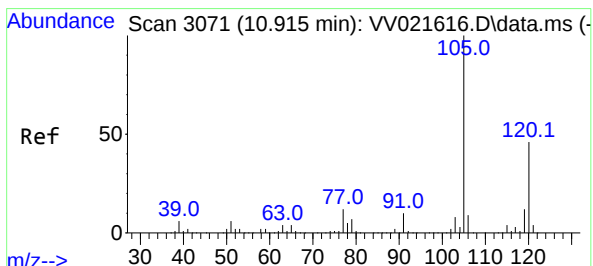
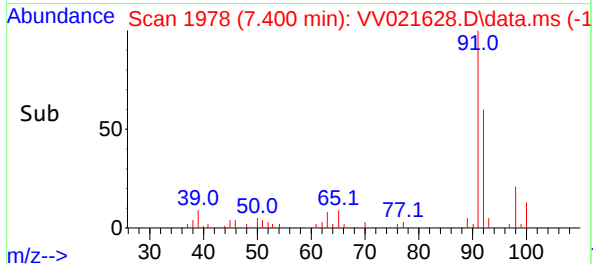
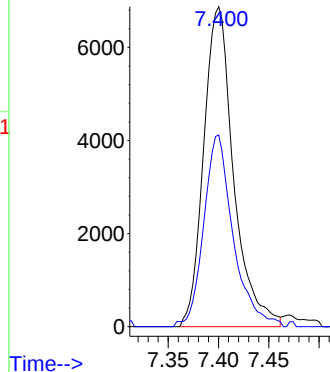
Ion Ratio Lower Upper

91 100

92 59.9 40.6 75.4



Abundance



#63

1,2,4-Trimethylbenzene

Concen: 0.819 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

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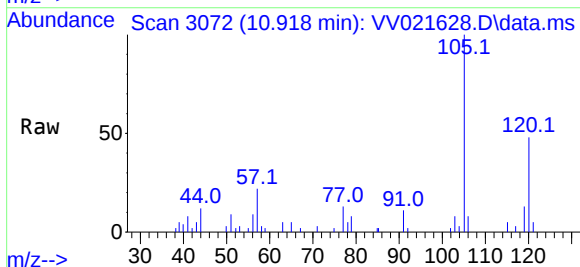
Acq: 12 Jul 2021 16:01

Tgt Ion: 105 Resp: 10568

Ion Ratio Lower Upper

105 100

120 45.0 37.1 55.7



Abundance

