

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121921\  
 Data File : VU046491.D  
 Acq On : 19 Dec 2021 13:54  
 Operator : SY/MD  
 Sample : VIBLK019  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK019

Quant Time: Dec 20 00:27:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112921WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Dec 20 00:25:10 2021  
 Response via : Initial Calibration

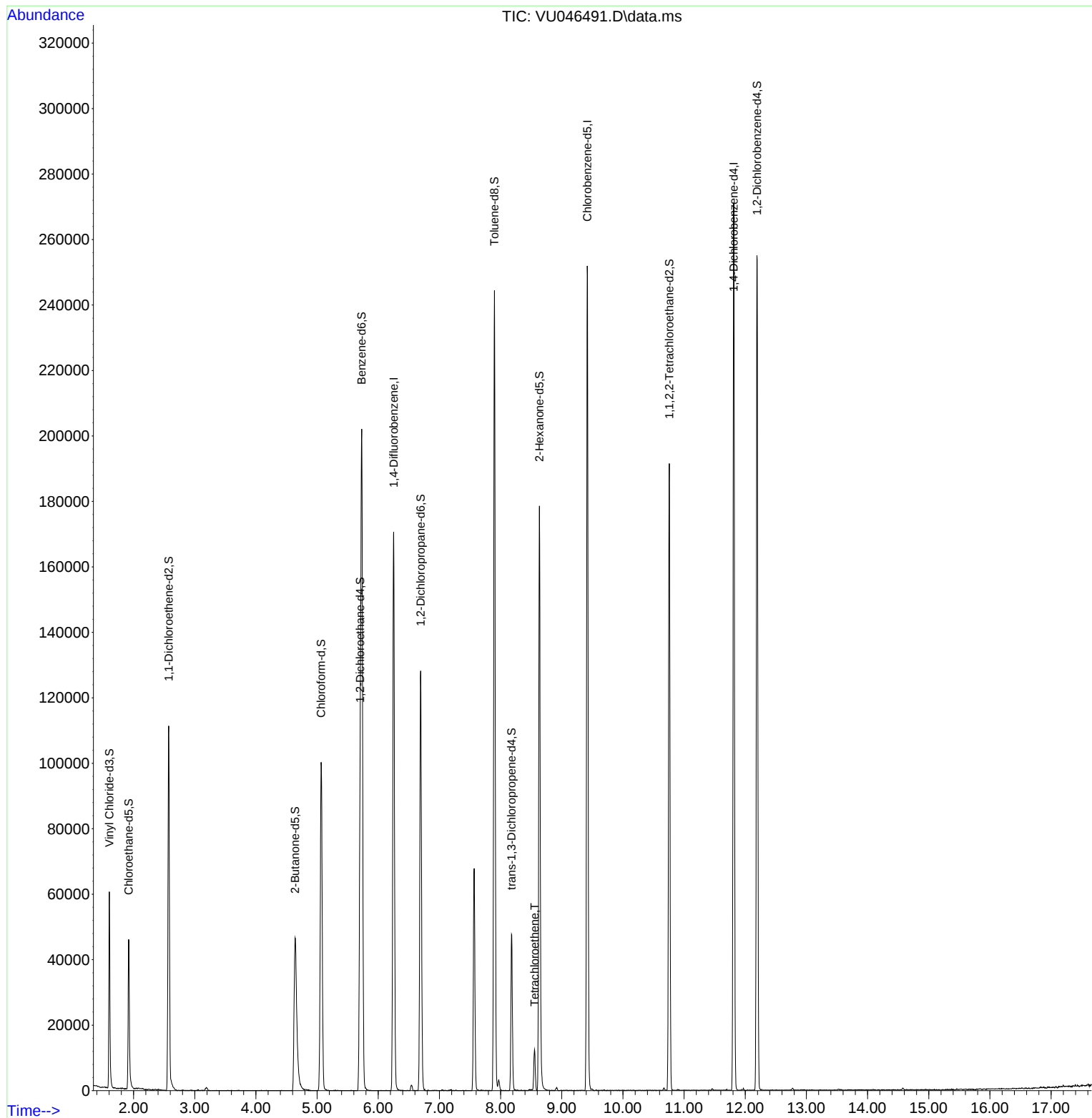
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 138329   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 139315   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 70279    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604   | 65    | 46168    | 40.517   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 81.040%  |
| 7) Chloroethane-d5            | 1.919   | 69    | 38067    | 43.511   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 87.020%  |
| 11) 1,1-Dichloroethene-d2     | 2.575   | 63    | 66791    | 32.651   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 65.300%  |
| 21) 2-Butanone-d5             | 4.642   | 46    | 88288    | 97.466   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 97.470%  |
| 24) Chloroform-d              | 5.066   | 84    | 95332    | 50.099   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.200% |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 65281    | 51.119   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.240% |
| 32) Benzene-d6                | 5.729   | 84    | 186009   | 46.584   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.160%  |
| 36) 1,2-Dichloropropane-d6    | 6.693   | 67    | 59464    | 48.052   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 96.100%  |
| 41) Toluene-d8                | 7.899   | 98    | 158836   | 43.689   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.380%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 27605    | 46.210   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 92.420%  |
| 47) 2-Hexanone-d5             | 8.635   | 63    | 65169    | 111.068  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 111.070% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 90804    | 48.384   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 96.760%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 66007    | 48.770   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 97.540%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 46) Tetrachloroethene         | 8.558   | 164   | 2870     | 3.516    | ug/L   | 91       |
| -----                         |         |       |          |          |        |          |

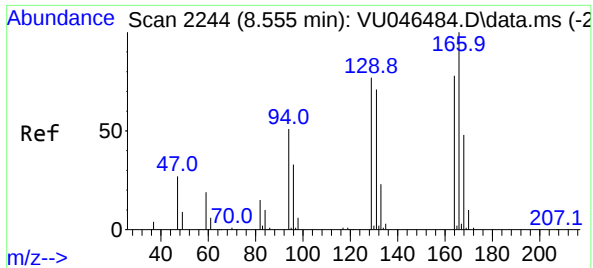
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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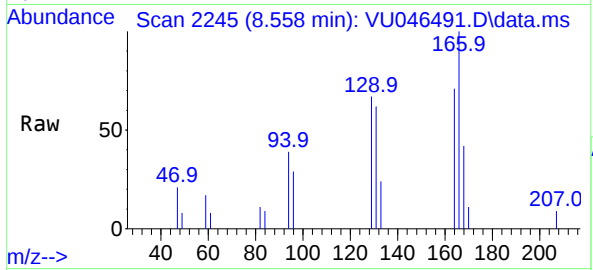
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QLast Update : Mon Dec 20 00:25:10 2021  
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#46  
 Tetrachloroethene  
 Concen: 3.516 ug/L  
 RT: 8.558 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VU046491.D  
 Acq: 19 Dec 2021 13:54

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Tgt Ion:164 Resp: 2870

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 95.3  | 71.1  | 132.1 |
| 131 | 88.6  | 67.8  | 126.0 |
| 166 | 141.8 | 90.6  | 168.2 |

