

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042621\  
 Data File : VV021152.D  
 Acq On : 26 Apr 2021 19:10  
 Operator : SY/MD  
 Sample : M2165-10ME  
 Misc : 3.92g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 27 04:19:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM042121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 27 04:16:04 2021  
 Response via : Initial Calibration

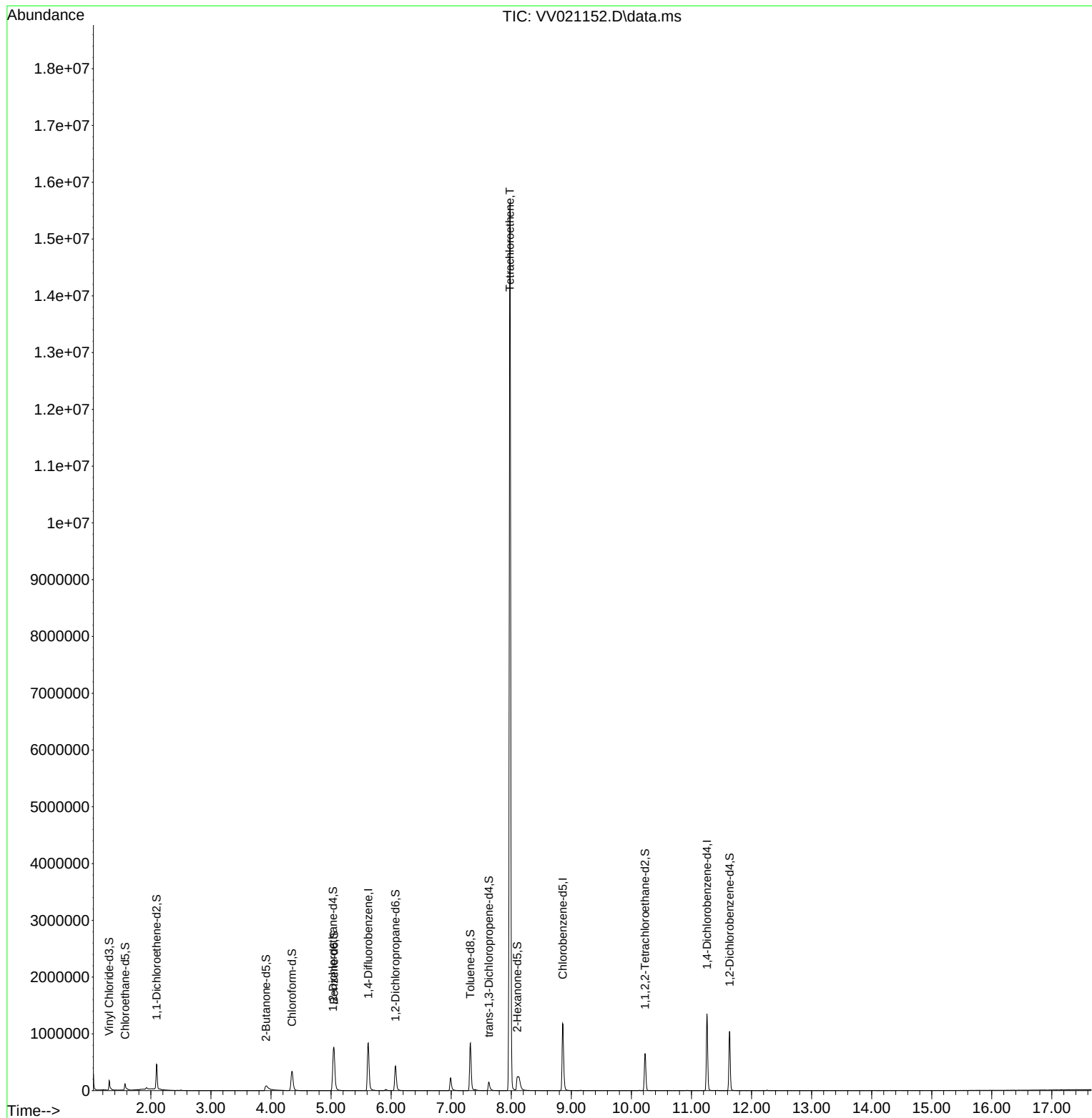
| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|-------|-----------|
| -----                         |         |       |          |          |       |           |
| Internal Standards            |         |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 751472   | 50.00    | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 8.857   | 117   | 742044   | 50.00    | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.259  | 152   | 358881   | 50.00    | ug/L  | 0.00      |
| System Monitoring Compounds   |         |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.307   | 65    | 137255   | 22.23    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 44.46%#   |
| 7) Chloroethane-d5            | 1.571   | 69    | 109348   | 24.07    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 48.14%#   |
| 11) 1,1-Dichloroethene-d2     | 2.095   | 63    | 219077   | 19.24    | ug/L  | -0.02     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 38.48%#   |
| 21) 2-Butanone-d5             | 3.918   | 46    | 196161   | 65.05    | ug/L  | 0.02      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 65.05%    |
| 24) Chloroform-d              | 4.349   | 84    | 363168   | 32.99    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 65.98%#   |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 248252   | 35.48    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 70.96%    |
| 32) Benzene-d6                | 5.050   | 84    | 624352   | 31.59    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 63.18%#   |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 206630   | 35.03    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 70.06%    |
| 41) Toluene-d8                | 7.320   | 98    | 575218   | 30.07    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 60.14%#   |
| 43) trans-1,3-Dichloroprop... | 7.628   | 79    | 102130   | 31.68    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 63.36%    |
| 47) 2-Hexanone-d5             | 8.101   | 63    | 85318    | 36.47    | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 36.47%#   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.226  | 84    | 322844   | 36.28    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 72.56%    |
| 66) 1,2-Dichlorobenzene-d4    | 11.635  | 152   | 274619   | 38.74    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 77.48%#   |
| Target Compounds              |         |       |          |          |       |           |
| 46) Tetrachloroethene         | 7.979   | 164   | 3427333  | 669.33   | ug/L  | Qvalue 98 |
| -----                         |         |       |          |          |       |           |

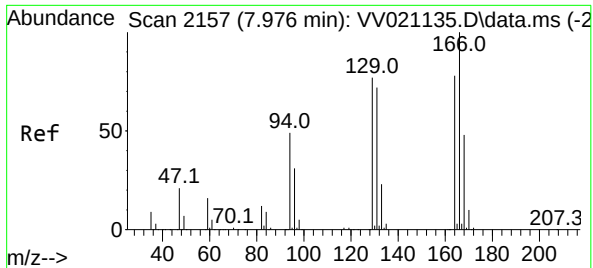
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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MSVOA\_V  
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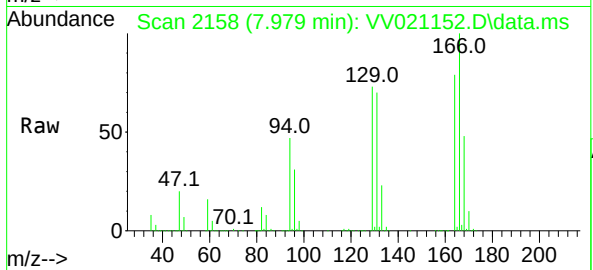
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Quant Title : VOC Analysis  
QLast Update : Tue Apr 27 04:16:04 2021  
Response via : Initial Calibration





#46  
 Tetrachloroethene  
 Concen: 669.33 ug/L  
 RT: 7.979 min Scan# 2158  
 Delta R.T. 0.003 min  
 Lab File: VV021152.D  
 Acq: 26 Apr 2021 19:10

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion:164 Resp: 3427333

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 92.5  | 63.8  | 118.4 |
| 131 | 89.3  | 59.3  | 110.1 |
| 166 | 126.7 | 87.7  | 162.9 |

