

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\  
 Data File : VU032979.D  
 Acq On : 22 Jun 2019 05:26  
 Operator : JC/SP  
 Sample : K3478-02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETF11

Quant Time: Jun 24 02:19:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Jun 24 02:01:10 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 193264   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 190447   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 91077    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 52124    | 39.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 78.92%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 46061    | 43.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.46%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 87635    | 32.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.88%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 120153   | 109.30   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 109.30% |
| 24) Chloroform-d               | 4.64    | 84    | 120943   | 47.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 86114    | 50.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.70% |
| 32) Benzene-d6                 | 5.33    | 84    | 226940   | 45.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.42%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 76358    | 48.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.56%  |
| 41) Toluene-d8                 | 7.56    | 98    | 204679   | 44.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.04%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 34273    | 41.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.32%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 72099    | 97.63    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 97.63%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 115939   | 47.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.84%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 85102    | 48.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.58%  |

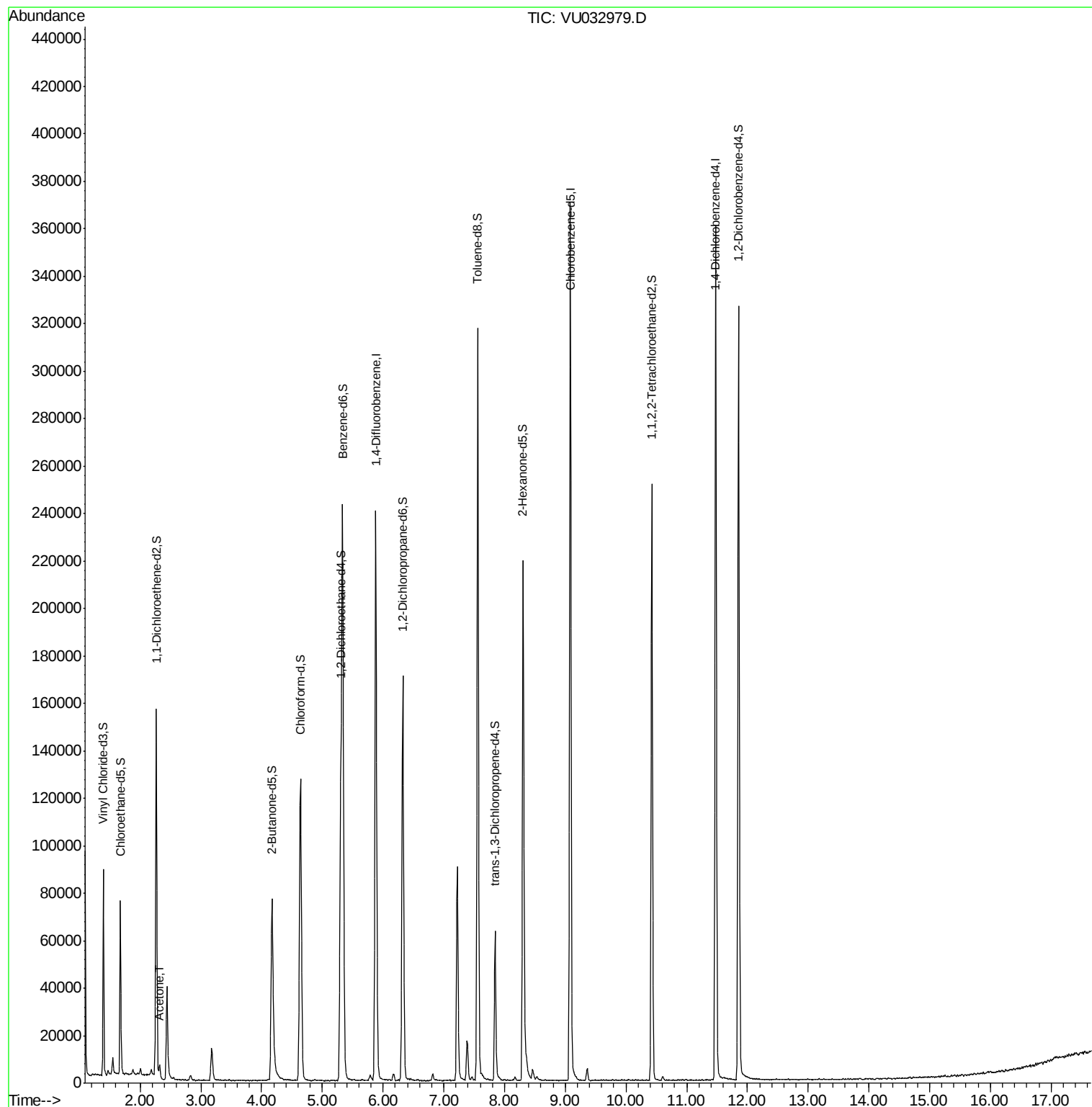
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 5572 | 3.670 ug/L | 92     |

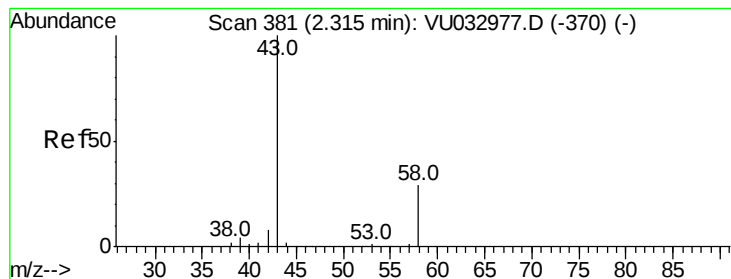
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13  
 Acetone  
 Concen: 3.670 ug/L  
 RT: 2.32 min Scan# 381  
 Delta R.T. 0.00 min  
 Lab File: VU032979.D  
 Acq: 22 Jun 2019 05:26

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 MSVOA\_U  
 ClientSampleId :  
 ETF11

Tot Ion: 43 Resp: 5572  
 Ion Ratio Lower Upper  
 43 100  
 58 26.1 0.0 60.6

