

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\  
 Data File : VU032951.D  
 Acq On : 21 Jun 2019 17:56  
 Operator : JC/SP  
 Sample : K3478-01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETF09

Quant Time: Jun 22 02:05:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 22 01:56:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 196945   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 190562   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 90504    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 53144    | 39.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 78.96%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 47398    | 44.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.30%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 85180    | 31.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.82%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 122445   | 109.30   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 109.30% |
| 24) Chloroform-d               | 4.64    | 84    | 122897   | 46.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.94%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 88573    | 50.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.64% |
| 32) Benzene-d6                 | 5.33    | 84    | 231136   | 46.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.06%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 77083    | 48.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.42%  |
| 41) Toluene-d8                 | 7.56    | 98    | 205693   | 44.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.44%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 36953    | 44.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.78%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 72225    | 97.75    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 97.75%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42   | 84    | 118753   | 48.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.08%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 86275    | 49.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.52%  |

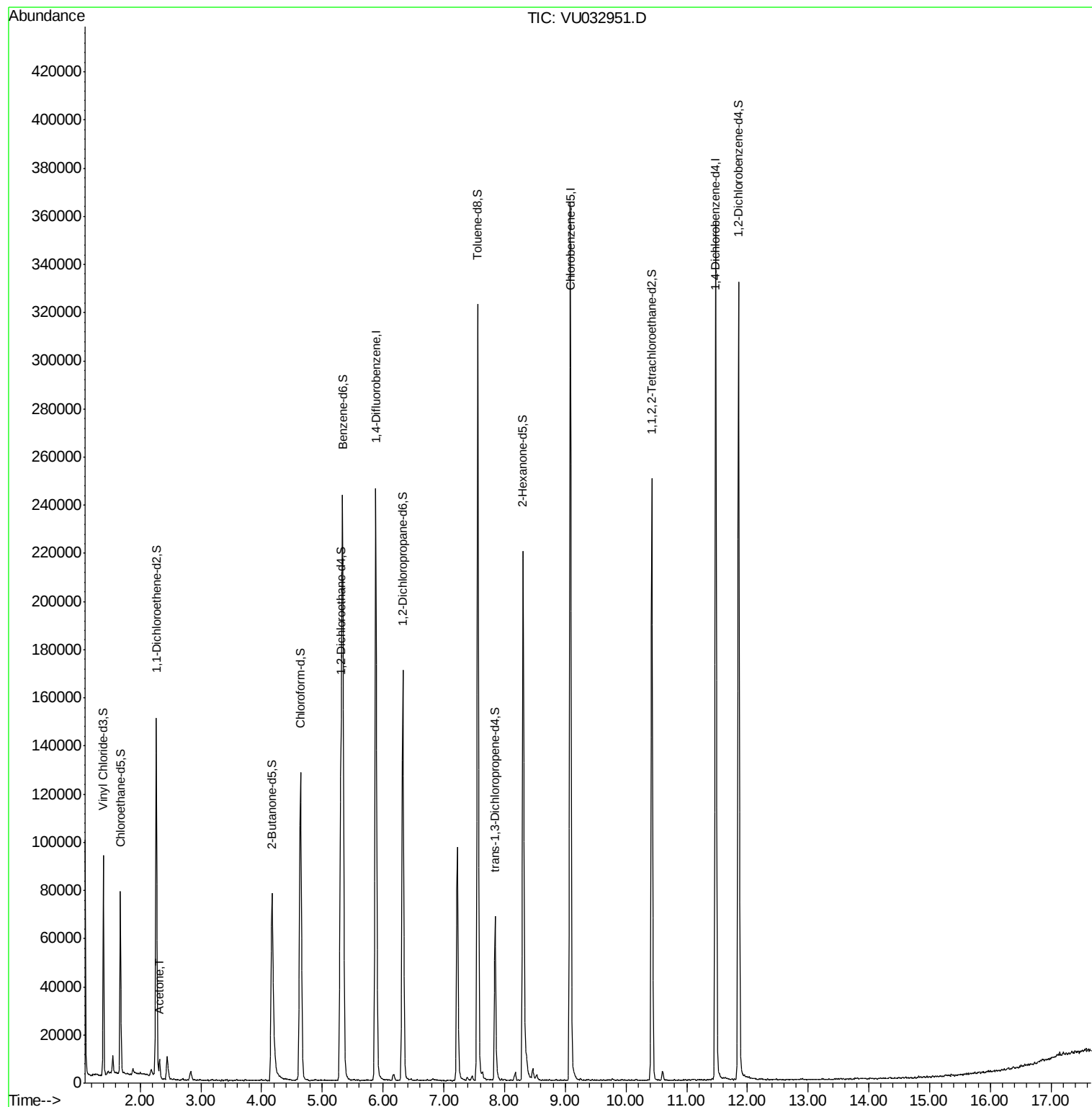
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 7704 | 4.979 ug/L | 94     |

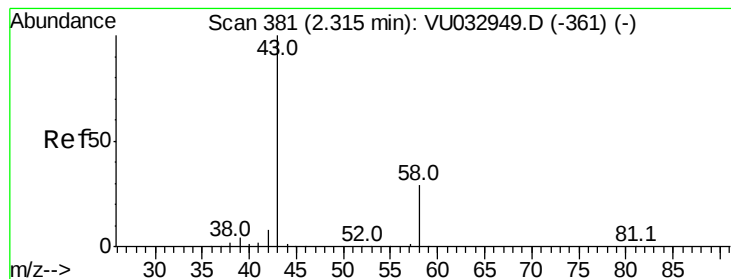
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13  
 Acetone  
 Concen: 4.979 ug/L  
 RT: 2.32 min Scan# 382  
 Delta R.T. 0.00 min  
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 MSVOA\_U  
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Tot Ion: 43 Resp: 7704  
 Ion Ratio Lower Upper  
 43 100  
 58 26.8 0.0 60.6

