

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032819\  
 Data File : VU030526.D  
 Acq On : 28 Mar 2019 19:45  
 Operator : JC/SP  
 Sample : K2101-16ME  
 Misc : 4.47g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFOE7ME

Quant Time: Mar 29 02:02:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 29 01:19:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 779505   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 762698   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 355961   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 245572   | 39.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 78.30%  |
| 7) Chloroethane-d5             | 1.64    | 69    | 186434   | 37.49    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 74.98%  |
| 11) 1,1-Dichloroethene-d2      | 2.23    | 63    | 372216   | 31.28    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.56%  |
| 21) 2-Butanone-d5              | 4.19    | 46    | 533180   | 90.41    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 90.41%  |
| 24) Chloroform-d               | 4.64    | 84    | 476270   | 44.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.12%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 324706   | 45.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.82%  |
| 32) Benzene-d6                 | 5.33    | 84    | 948217   | 43.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.70%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 346791   | 46.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.68%  |
| 41) Toluene-d8                 | 7.56    | 98    | 822436   | 41.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.74%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 149172   | 42.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.78%  |
| 47) 2-Hexanone-d5              | 8.32    | 63    | 400296   | 98.71    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 98.71%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 544718   | 50.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 101.74% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 332174   | 46.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.14%  |

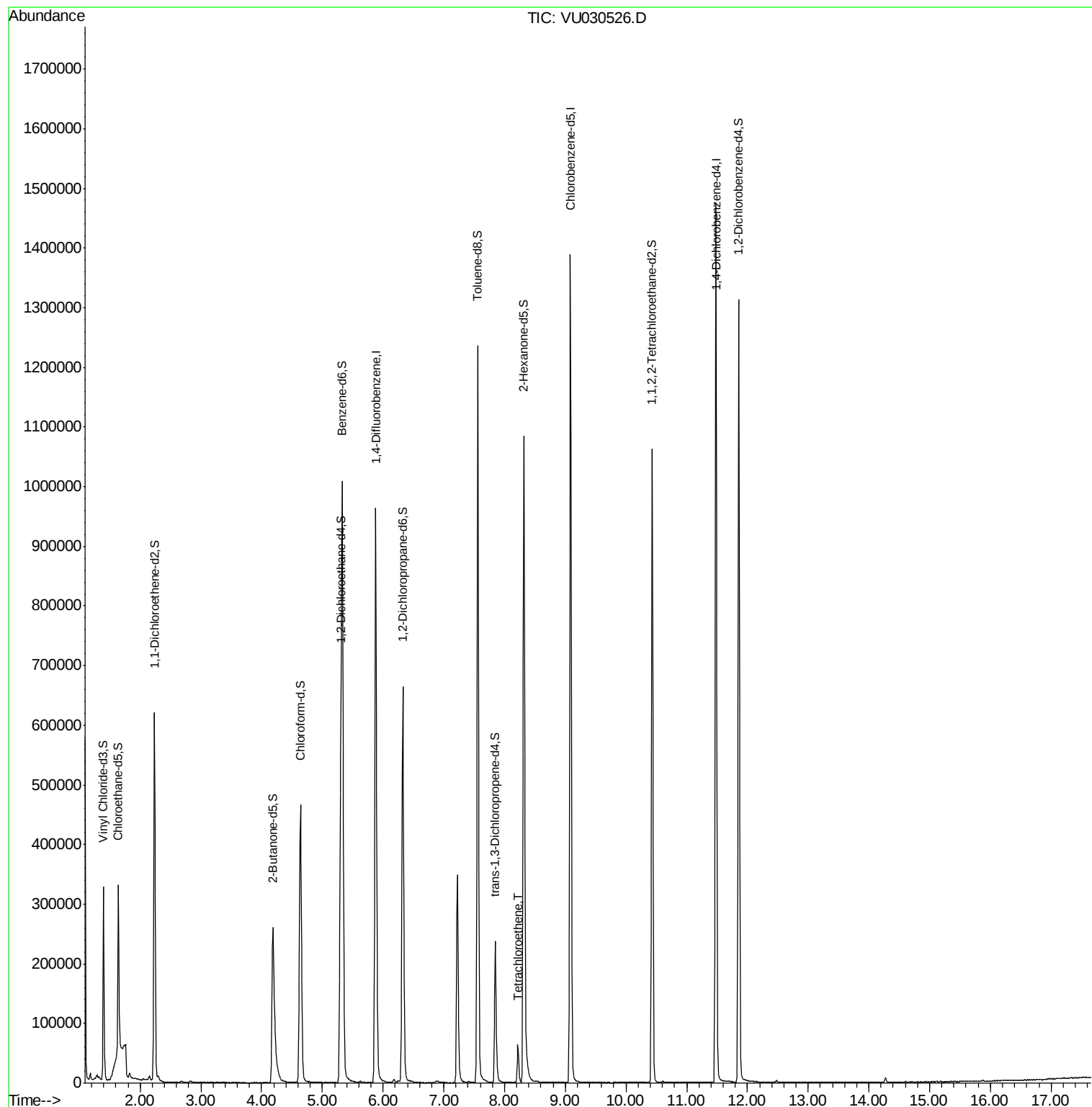
| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 46) Tetrachloroethene | 8.22 | 164 | 13796 | 3.095 ug/L | 93     |

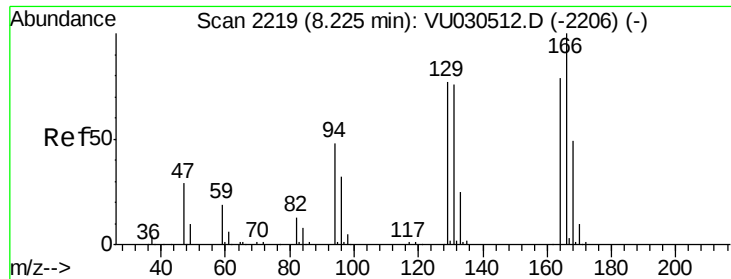
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46

Tetrachloroethene

Concen: 3.095 ug/L

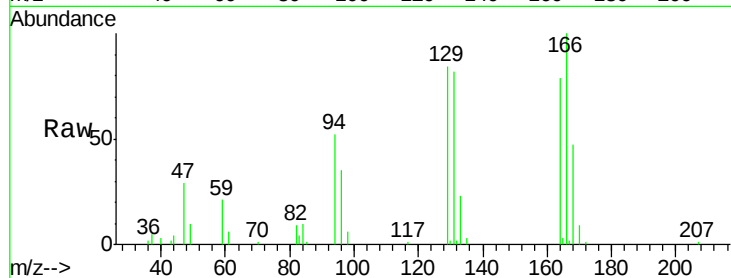
RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

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MSVOA\_U  
ClientSampleId :  
BF0E7ME



Tot Ion:164 Resp: 13796

Ion Ratio Lower Upper

164 100

129 107.4 68.1 126.5

131 104.5 67.7 125.7

166 127.2 92.4 171.6

