

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\  
 Data File : VU030641.D  
 Acq On : 03 Apr 2019 20:37  
 Operator : JC/SP  
 Sample : K2166-03ME  
 Misc : 6.72g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF105ME

Quant Time: Apr 04 08:53:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 04 06:52:42 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 872271   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 837741   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 421919   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 263180   | 37.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 74.98%  |
| 7) Chloroethane-d5             | 1.64    | 69    | 176999   | 31.81    | ug/L | -0.04   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 63.62%# |
| 11) 1,1-Dichloroethene-d2      | 2.24    | 63    | 399756   | 30.02    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 60.04%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 519372   | 78.70    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 78.70%  |
| 24) Chloroform-d               | 4.64    | 84    | 457277   | 37.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 75.62%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 305368   | 38.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 77.16%  |
| 32) Benzene-d6                 | 5.33    | 84    | 1010701  | 42.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.14%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 340499   | 41.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 82.86%  |
| 41) Toluene-d8                 | 7.56    | 98    | 896268   | 41.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.08%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 153348   | 39.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.36%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 393974   | 88.45    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 88.45%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 501214   | 42.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 85.22%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 354233   | 41.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.80%  |

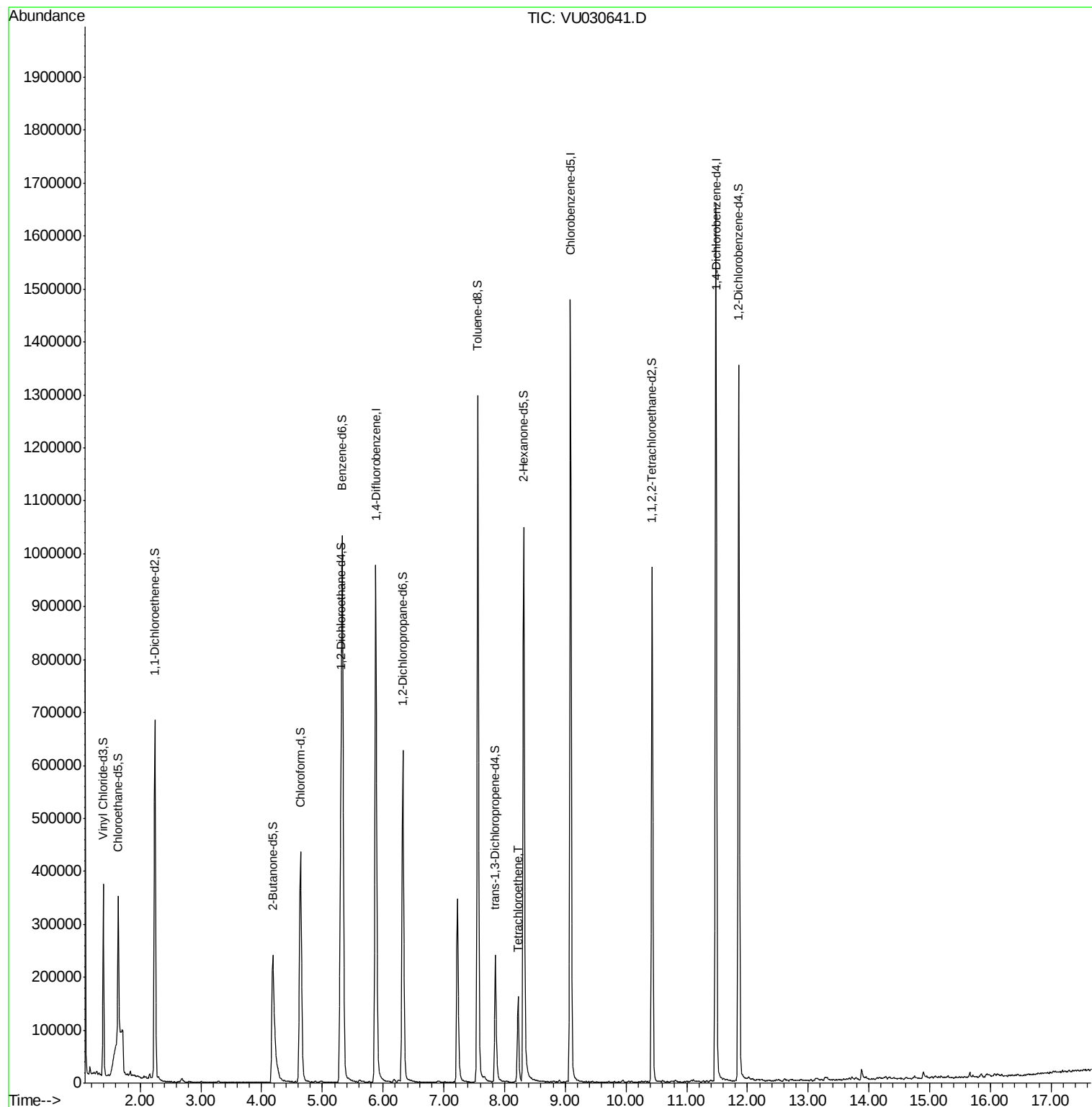
| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 46) Tetrachloroethene | 8.22 | 164 | 37038 | 7.564 ug/L | 93     |

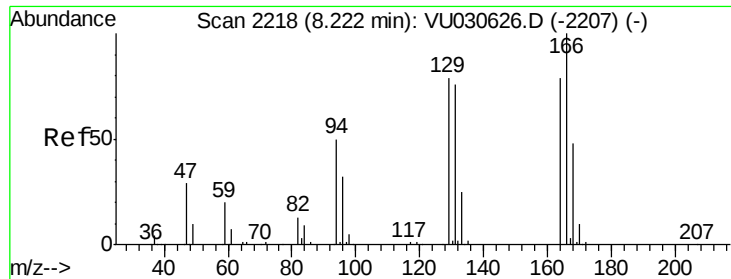
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 06:52:42 2019  
Response via : Initial Calibration





#46

Tetrachloroethene

Concen: 7.564 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030641.D

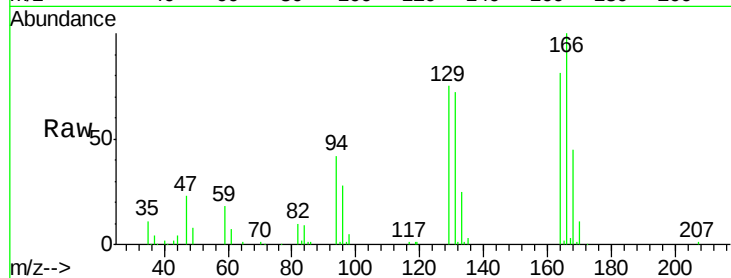
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Instrument :

MSVOA\_U

ClientSampleId :

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Tot Ion:164 Resp: 37038

Ion Ratio Lower Upper

164 100

129 92.1 68.1 126.5

131 88.2 67.7 125.7

166 122.8 92.4 171.6

Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

