

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\  
 Data File : VU026383.D  
 Acq On : 25 Aug 2018 19:54  
 Operator : MD/SY  
 Sample : VIBLK41  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VIBLK41

Quant Time: Aug 27 01:33:43 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082218WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 25 04:25:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 322013   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 319509   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 151884   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 100528   | 51.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 102.36% |
| 7) Chloroethane-d5             | 1.68    | 69    | 80876    | 50.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.00% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 146048   | 37.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.66%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 146469   | 93.44    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.44%  |
| 24) Chloroform-d               | 4.65    | 84    | 200200   | 45.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.46%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 136338   | 47.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.72%  |
| 32) Benzene-d6                 | 5.35    | 84    | 398098   | 46.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.14%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 128707   | 46.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.80%  |
| 41) Toluene-d8                 | 7.57    | 98    | 362818   | 44.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.82%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 59472    | 41.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.88%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 110232   | 93.98    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 93.98%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 179172   | 44.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.22%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 154009   | 47.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.58%  |

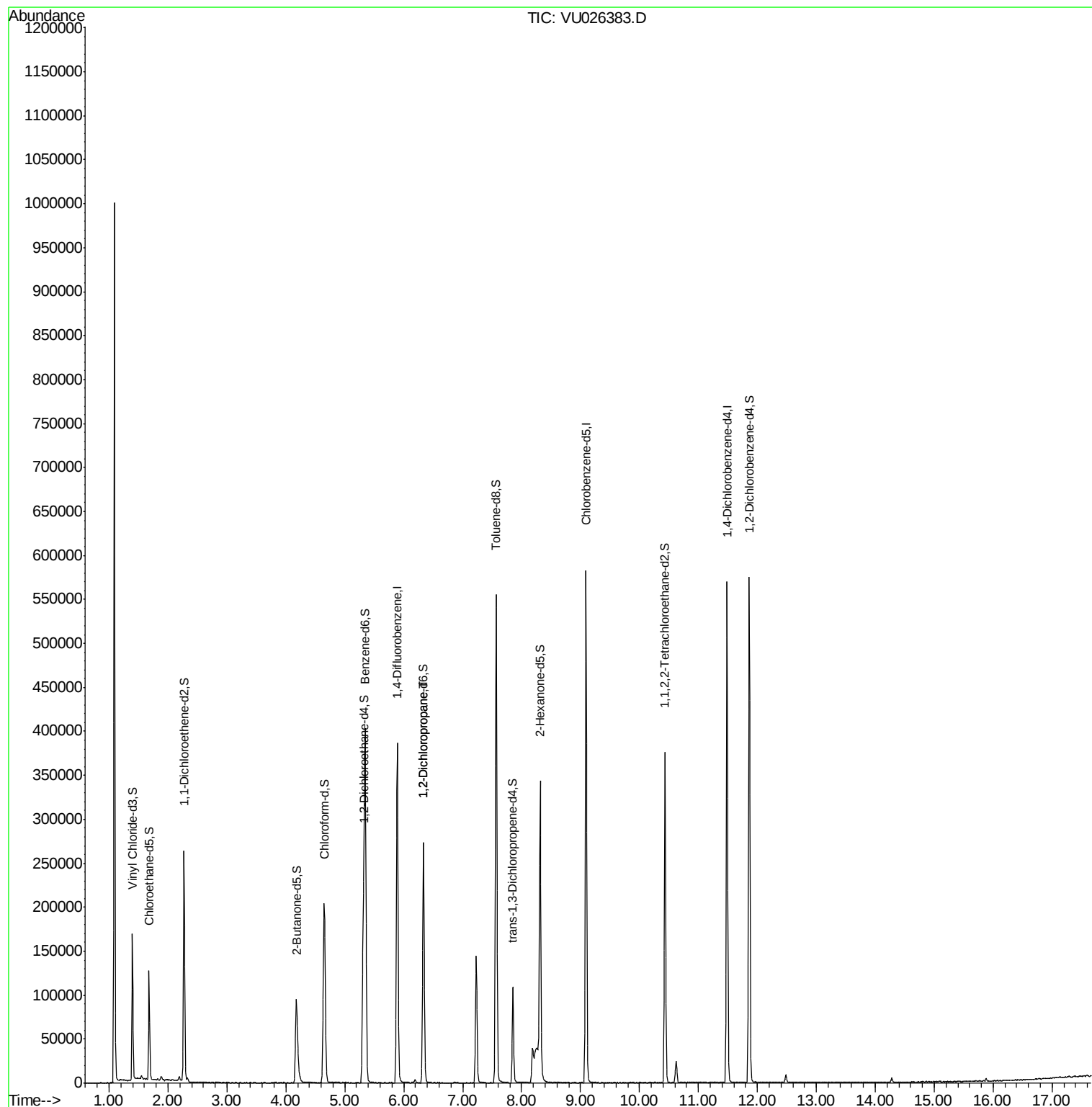
| Target Compounds        |      |    |       |           | Ovalue |
|-------------------------|------|----|-------|-----------|--------|
| 37) 1,2-Dichloropropane | 6.33 | 63 | 14793 | 6.21 ug/L | # 89   |

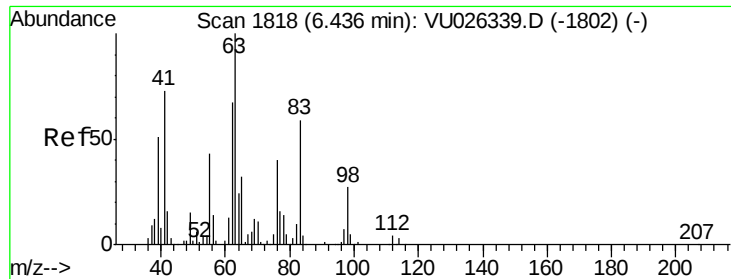
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37  
 1,2-Dichloropropane  
 Concen: 6.21 ug/L  
 RT: 6.33 min Scan# 1786  
 Delta R.T. -0.10 min  
 Lab File: VU026383.D  
 Acq: 25 Aug 2018 19:54

Instrument :  
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Tot Ion: 63 Resp: 14793  
 Ion Ratio Lower Upper  
 63 100  
 112 0.6 3.4 5.2#

