

Data File : VU034687.D  
Acq On : 20 Sep 2019 14:34  
Operator : JC/SP  
Sample : K4982-03  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK01

Quant Time: Sep 21 02:33:22 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091919WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Sep 21 02:29:10 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 503426   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 471726   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 206333   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 214112   | 41.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 83.08%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 177362   | 44.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.06%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 290848   | 33.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.64%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 387532   | 98.11    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.11%  |
| 24) Chloroform-d               | 4.62    | 84    | 345301   | 46.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.18%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 259064   | 47.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.08%  |
| 32) Benzene-d6                 | 5.32    | 84    | 705187   | 48.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.46%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 251742   | 49.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.52%  |
| 41) Toluene-d8                 | 7.54    | 98    | 643676   | 46.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.54%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 113033   | 46.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.36%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 259479   | 101.09   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.09% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 318956   | 44.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.96%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 206986   | 47.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.68%  |

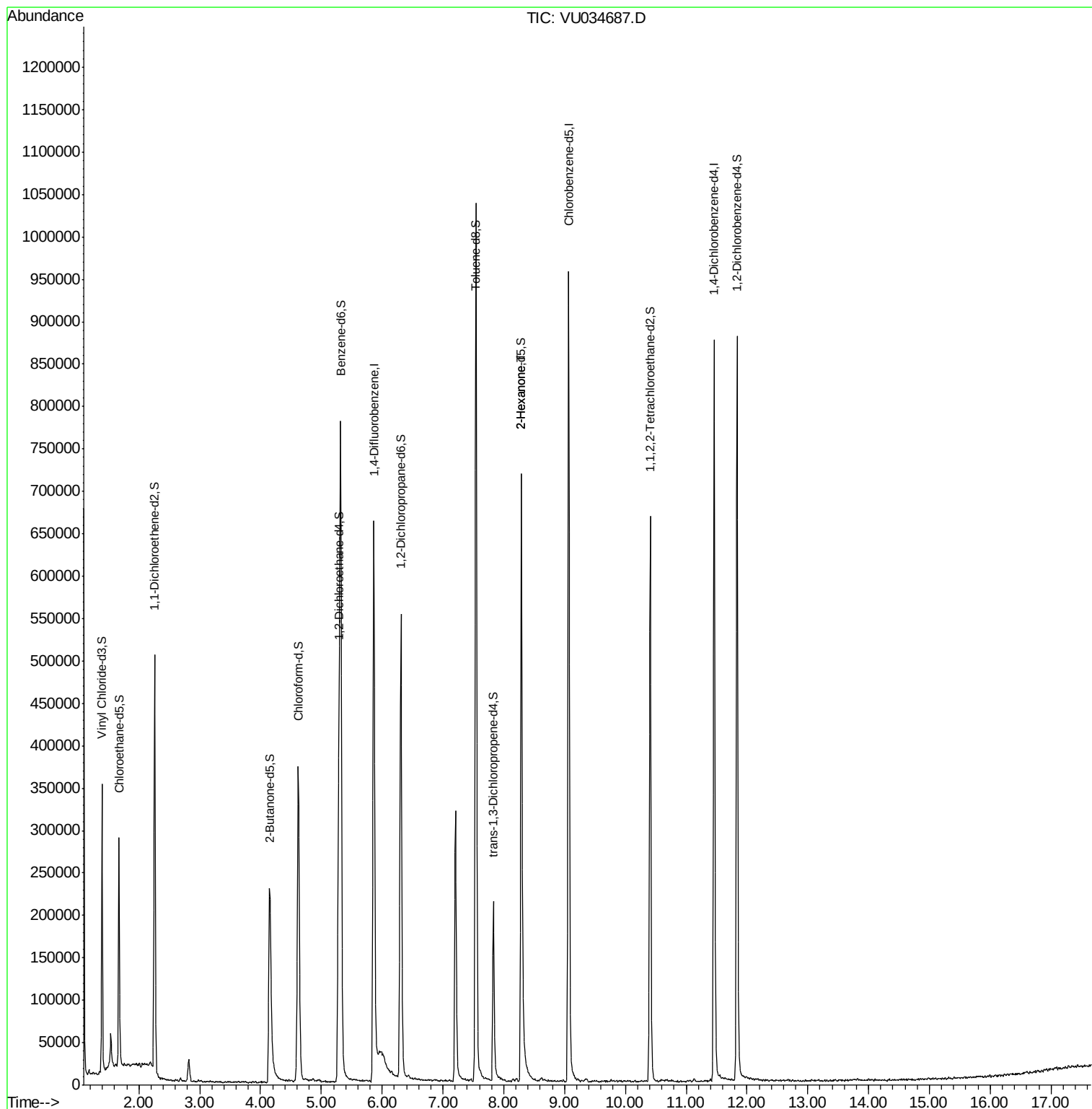
| Target Compounds |      |    |       |            | Qvalue |
|------------------|------|----|-------|------------|--------|
| 48) 2-Hexanone   | 8.29 | 43 | 33910 | 4.668 ug/L | # 72   |

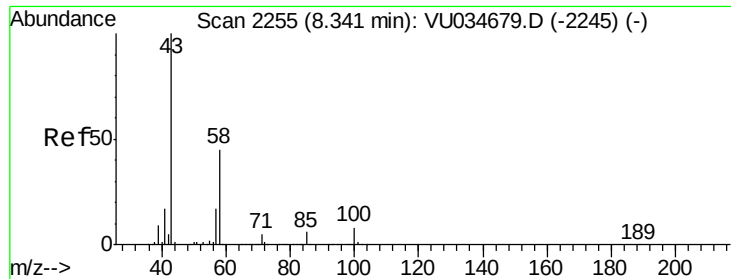
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#48  
 2-Hexanone  
 Concen: 4.668 ug/L  
 RT: 8.29 min Scan# 2239  
 Delta R.T. -0.05 min  
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Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Tgt Ion: 43 Resp: 33910  
 Ion Ratio Lower Upper  
 43 100  
 58 21.7 35.3 52.9#  
 57 19.1 12.1 18.1#  
 100 0.0 6.2 9.4#

