

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052618\  
 Data File : VU024155.D  
 Acq On : 26 May 2018 19:14  
 Operator : MD/SY  
 Sample : J3089-13DL2 2000X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 28 01:32:59 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_U\METHOD\SOMULM052518WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon May 28 00:49:31 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 290811   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 270508   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 94396    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

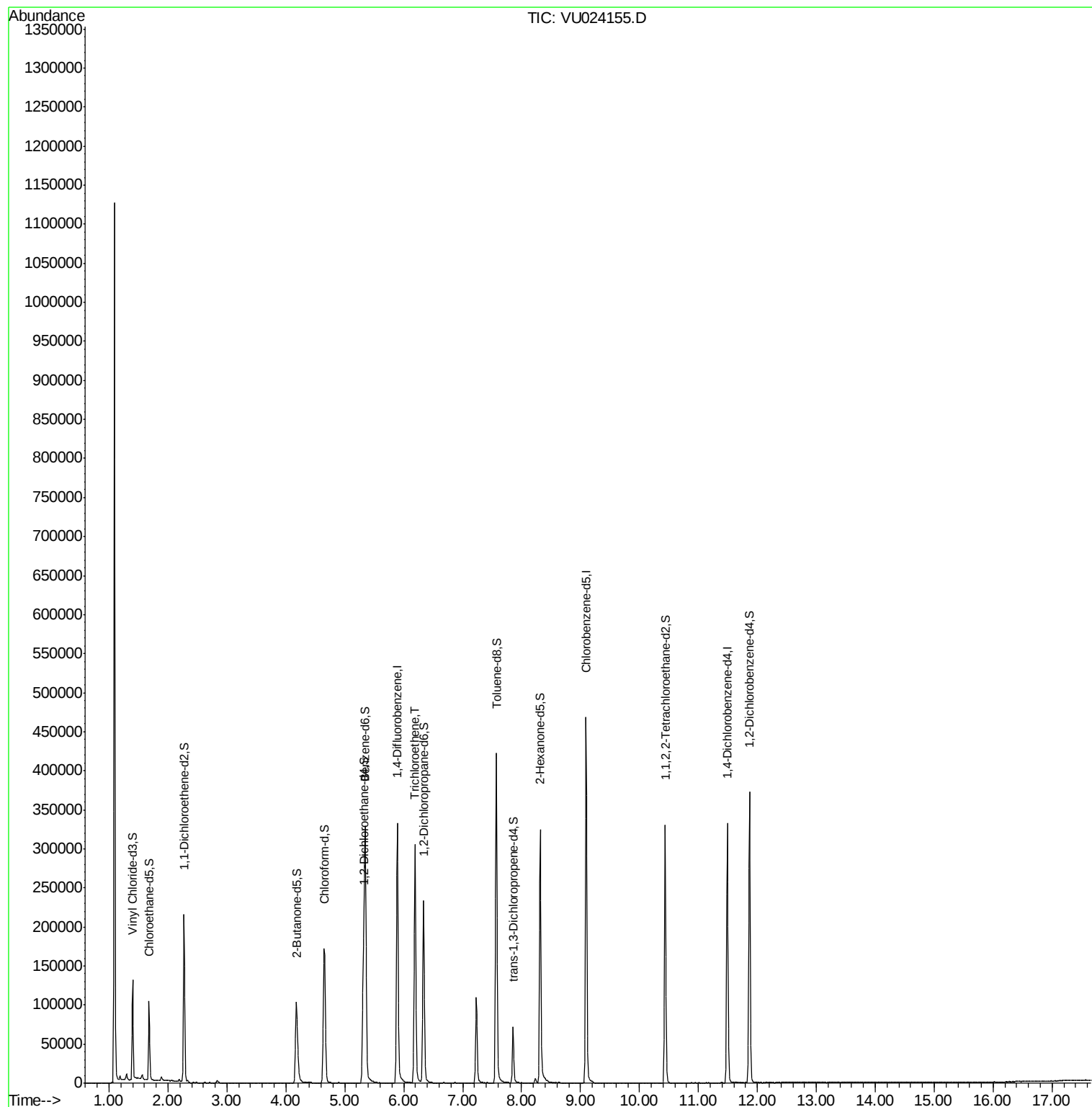
|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 84302    | 38.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.26%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 74337    | 42.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 84.68%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 124635   | 30.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 60.62%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 163638   | 93.10    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.10%  |
| 24) Chloroform-d               | 4.65    | 84    | 174439   | 44.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.06%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 113400   | 45.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.36%  |
| 32) Benzene-d6                 | 5.35    | 84    | 342289   | 45.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.44%  |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 118808   | 46.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.60%  |
| 41) Toluene-d8                 | 7.57    | 98    | 293327   | 42.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.56%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 42376    | 41.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.06%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 111881   | 91.40    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 91.40%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 165626   | 44.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.50%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.87   | 152   | 106591   | 51.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.00% |

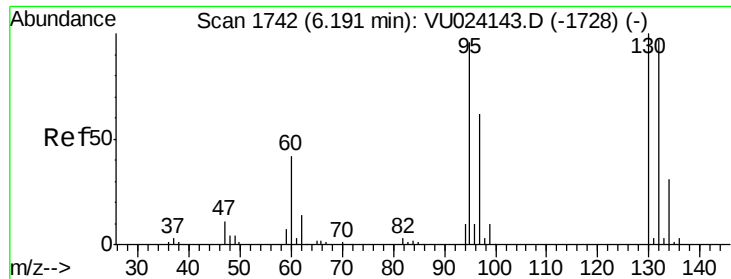
| Target Compounds    |      |    |        |            | Ovalue |
|---------------------|------|----|--------|------------|--------|
| 34) Trichloroethene | 6.19 | 95 | 110343 | 43.62 ug/L | 99     |

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

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#34

Trichloroethene

Concen: 43.62 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU024155.D

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Tot Ion: 95 Resp: 110343

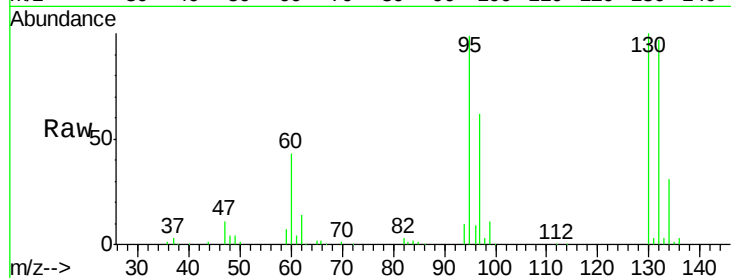
Ion Ratio Lower Upper

95 100

97 62.8 44.5 82.7

132 98.1 69.0 128.2

130 101.0 70.6 131.0



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

