

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\  
 Data File : VU031761.D  
 Acq On : 03 May 2019 19:33  
 Operator : JC/SP  
 Sample : K2695-11 400X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0XH5

Quant Time: May 04 07:06:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat May 04 02:35:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 763441   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 728536   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 284180   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 318787   | 49.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 99.78%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 258302   | 52.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.62% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 469791   | 36.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.84%  |
| 21) 2-Butanone-d5              | 4.19    | 46    | 654820   | 113.11   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 113.11% |
| 24) Chloroform-d               | 4.64    | 84    | 539998   | 46.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.30%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 372614   | 48.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.48%  |
| 32) Benzene-d6                 | 5.34    | 84    | 1093120  | 48.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.72%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 386509   | 49.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.22%  |
| 41) Toluene-d8                 | 7.56    | 98    | 899813   | 46.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.36%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 150156   | 44.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.88%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 375400   | 110.19   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 110.19% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 498049   | 47.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.30%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 283754   | 47.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.96%  |

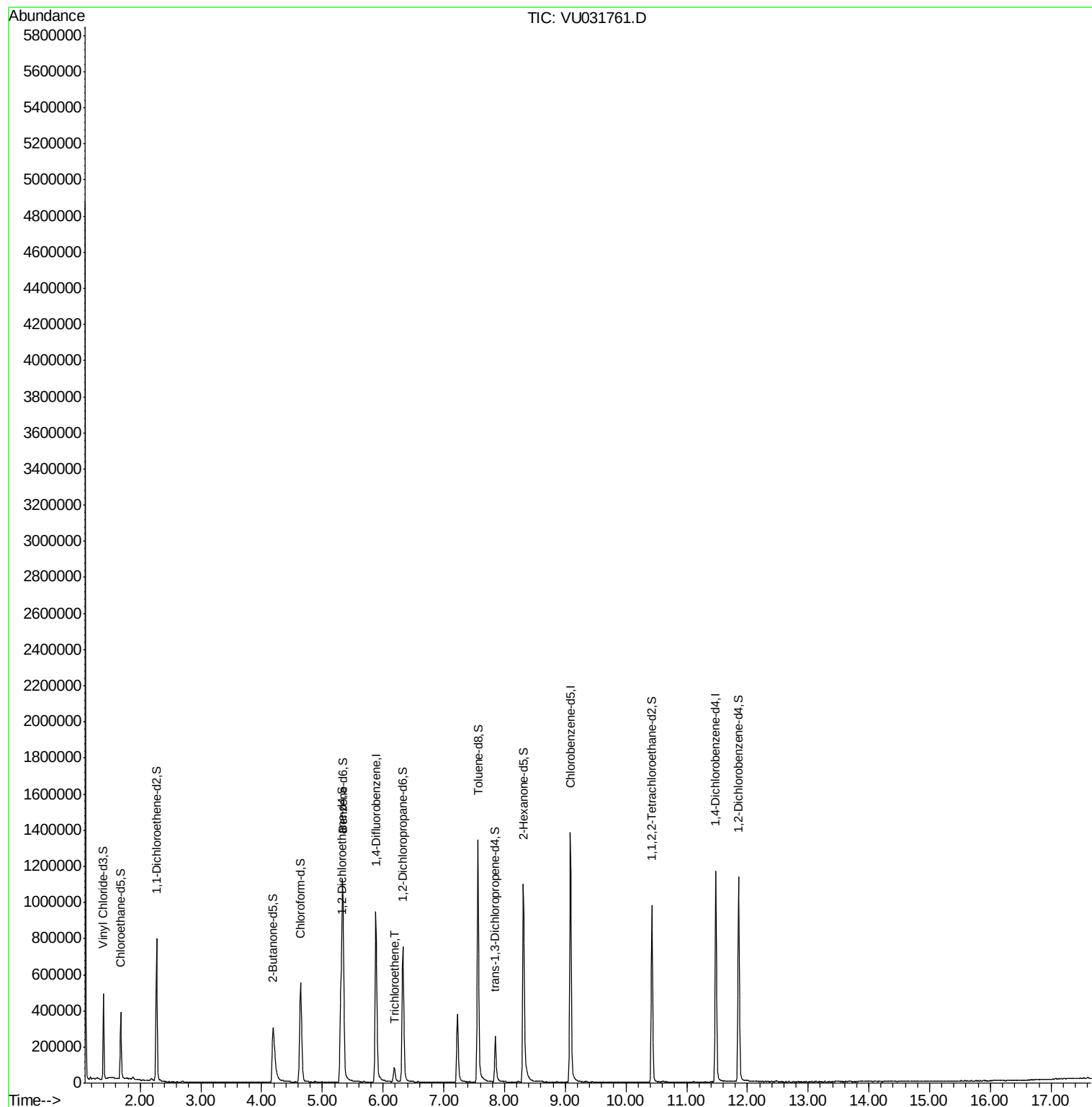
| Target Compounds    |      |    |       |            | Ovalue |
|---------------------|------|----|-------|------------|--------|
| 34) Trichloroethene | 6.19 | 95 | 28339 | 4.365 ug/L | 95     |

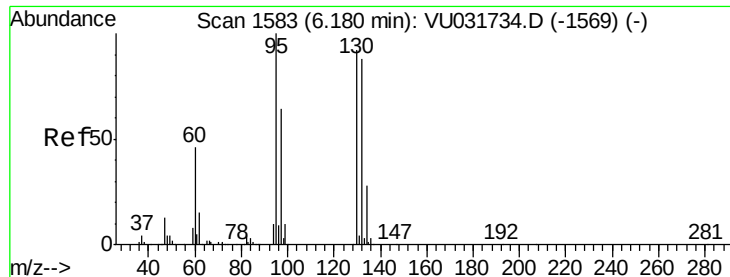
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 4.365 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031761.D

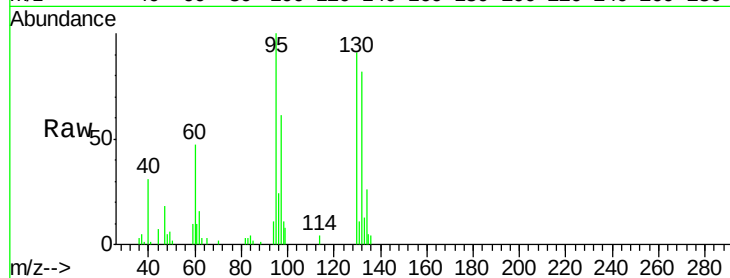
Acq: 03 May 2019 19:33

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C0XH5



Tot Ion: 95 Resp: 28339

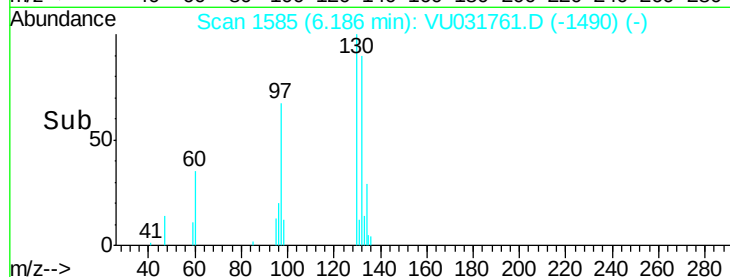
Ion Ratio Lower Upper

95 100

97 60.8 44.8 83.2

132 82.2 63.1 117.1

130 91.4 66.5 123.5



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

