

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050620\  
 Data File : VU038022.D  
 Acq On : 06 May 2020 13:50  
 Operator : JC/MD  
 Sample : L2488-03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFSN0

Quant Time: May 07 01:28:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM043020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 07 01:04:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 684138   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 674301   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 308550   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 239636   | 39.82    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 79.64% |
| 7) Chloroethane-d5             | 1.93    | 69    | 211241   | 43.15    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 86.30% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 302956   | 30.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.56% |
| 21) 2-Butanone-d5              | 4.66    | 46    | 438317   | 93.19    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.19% |
| 24) Chloroform-d               | 5.10    | 84    | 412636   | 44.28    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.56% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 293284   | 45.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.62% |
| 32) Benzene-d6                 | 5.76    | 84    | 879039   | 44.23    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.46% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 298080   | 45.23    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 90.46% |
| 41) Toluene-d8                 | 7.92    | 98    | 787178   | 43.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.36% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 130224   | 42.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.28% |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 263763   | 92.03    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.03% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 415880   | 43.80    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 287292   | 44.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.06% |

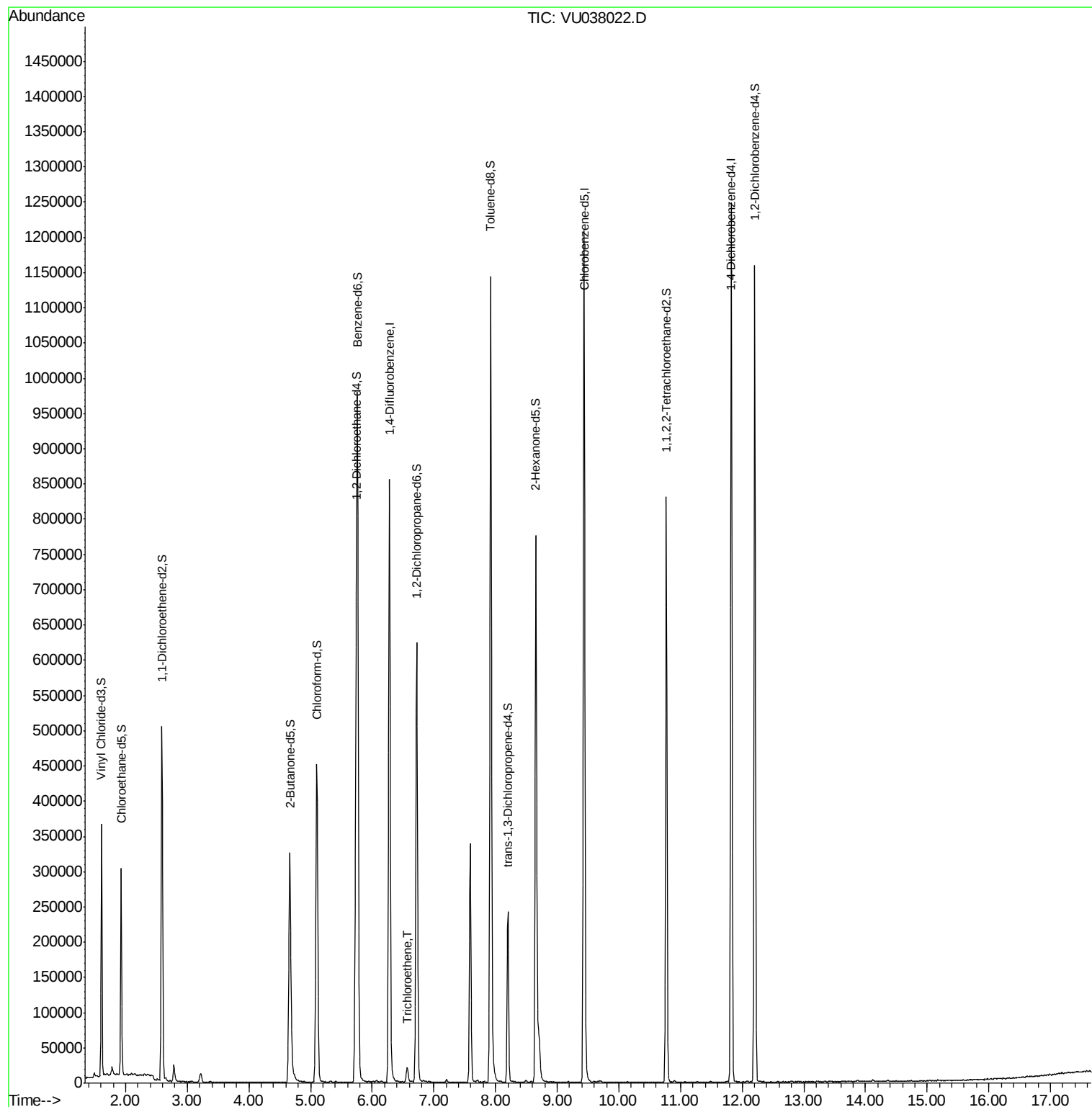
| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 6.57 | 95 | 5305 | 1.038 ug/L | 96     |

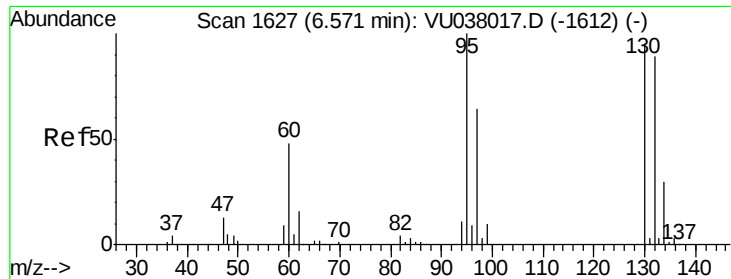
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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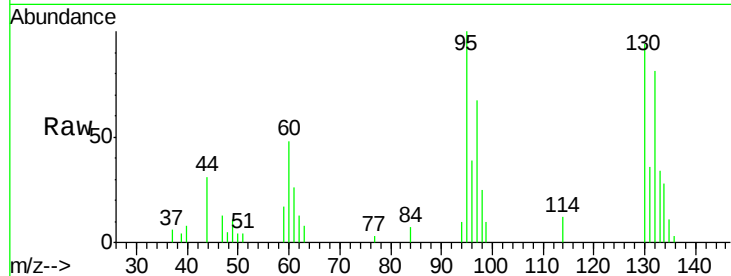




#34  
 Trichloroethene  
 Concen: 1.038 ug/L  
 RT: 6.57 min Scan# 1627  
 Delta R.T. 0.00 min  
 Lab File: VU038022.D  
 Acq: 06 May 2020 13:50

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|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 95    | Resp: | 5305  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 66.6  | 44.9  | 83.5  |
| 132      | 81.1  | 63.2  | 117.4 |
| 130      | 94.3  | 65.9  | 122.3 |



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

