

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\  
 Data File : VV012769.D  
 Acq On : 14 Sep 2019 16:32  
 Operator : SY/MD  
 Sample : K4868-04  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COMK8

Quant Time: Sep 16 05:35:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM091319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Sep 16 04:57:02 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 731581   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 679486   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 244030   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 166808   | 40.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.46%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 169947   | 45.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 267717   | 33.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.40%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 445240   | 103.55   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 103.55% |
| 24) Chloroform-d               | 4.40    | 84    | 482198   | 46.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.88%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 312024   | 50.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.14% |
| 32) Benzene-d6                 | 5.10    | 84    | 903692   | 49.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.68%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 327288   | 51.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.32% |
| 41) Toluene-d8                 | 7.36    | 98    | 758469   | 45.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.46%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 125009   | 46.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.80%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 233406   | 95.08    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.08%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 386879   | 47.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.54%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 302422   | 54.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.60% |

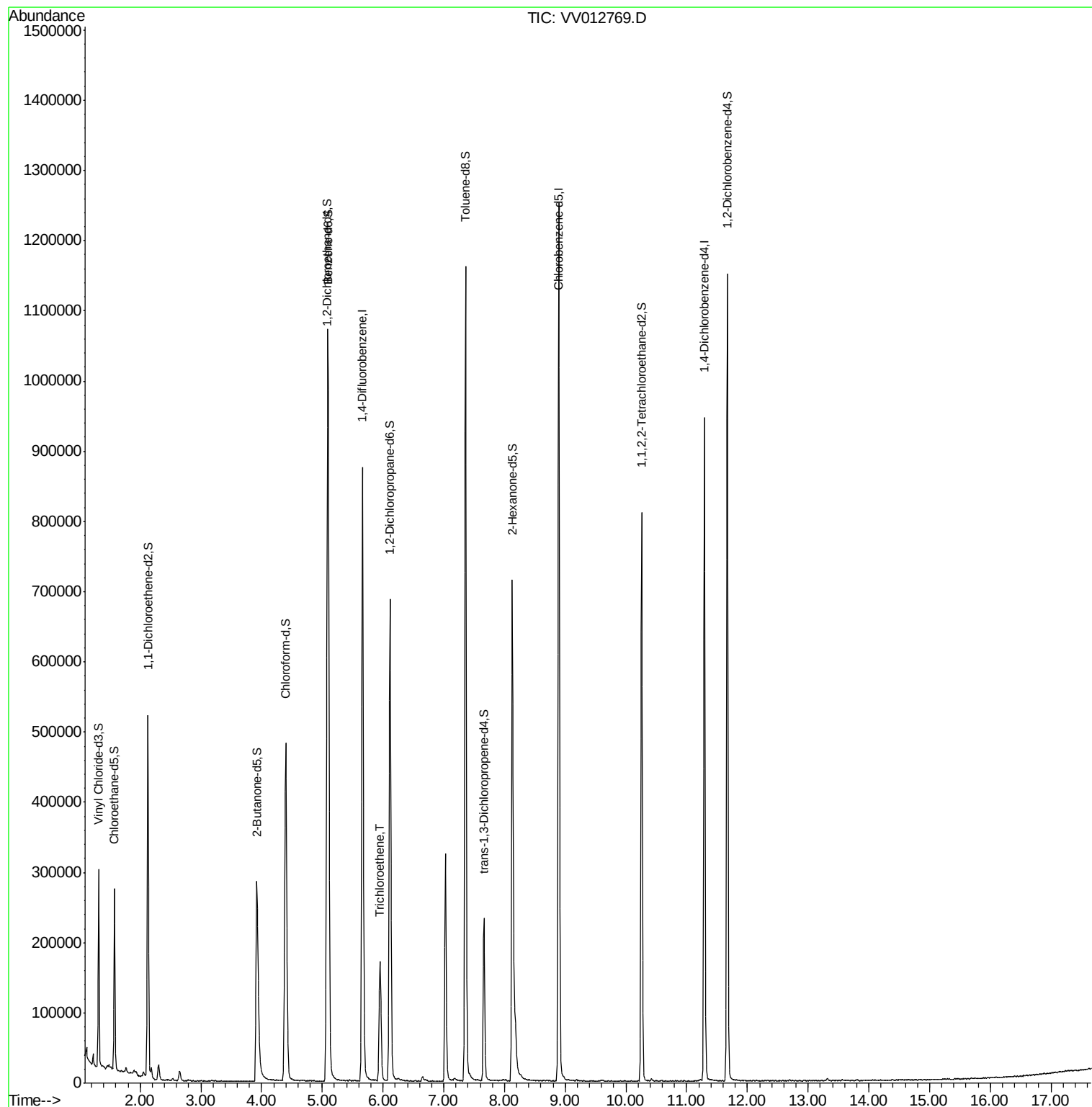
| Target Compounds    |      |    |       |            | Ovalue |
|---------------------|------|----|-------|------------|--------|
| 34) Trichloroethene | 5.96 | 95 | 28678 | 5.338 ug/L | 99     |

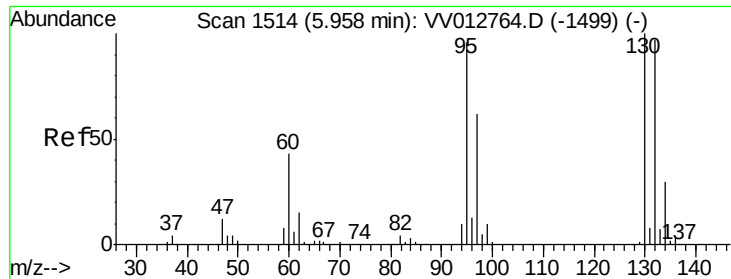
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 5.338 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV012769.D

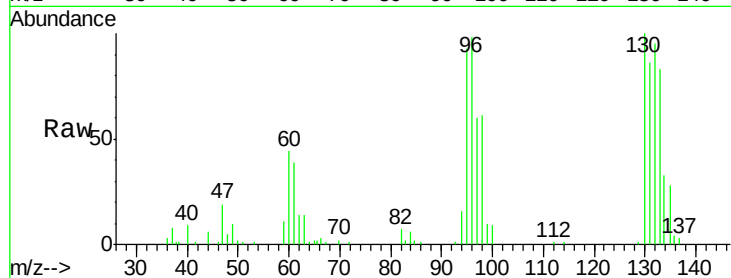
Acq: 14 Sep 2019 16:32

Instrument :

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Tot Ion: 95 Resp: 28678

Ion Ratio Lower Upper

95 100

97 64.1 45.1 83.9

132 102.3 70.6 131.0

130 107.4 74.6 138.6

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

