

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\  
 Data File : VV014671.D  
 Acq On : 21 Feb 2020 22:42  
 Operator : SY/MD  
 Sample : L1607-02DL 100X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AN5DL

Quant Time: Feb 24 04:59:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM022120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Feb 24 04:25:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 228069   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 211098   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 101912   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 34507    | 38.74    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 77.48% |
| 7) Chloroethane-d5             | 1.59    | 69    | 27049    | 41.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 83.80% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 56097    | 33.79    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.58% |
| 21) 2-Butanone-d5              | 3.95    | 46    | 79901    | 96.50    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.50% |
| 24) Chloroform-d               | 4.40    | 84    | 130629   | 44.79    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.58% |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 90208    | 48.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.78% |
| 32) Benzene-d6                 | 5.10    | 84    | 264003   | 47.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.50% |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 79879    | 49.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.06% |
| 41) Toluene-d8                 | 7.36    | 98    | 245524   | 45.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.24% |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 40490    | 44.36    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.72% |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 62043    | 95.02    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.02% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 109559   | 48.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.06% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 96787    | 48.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.08% |

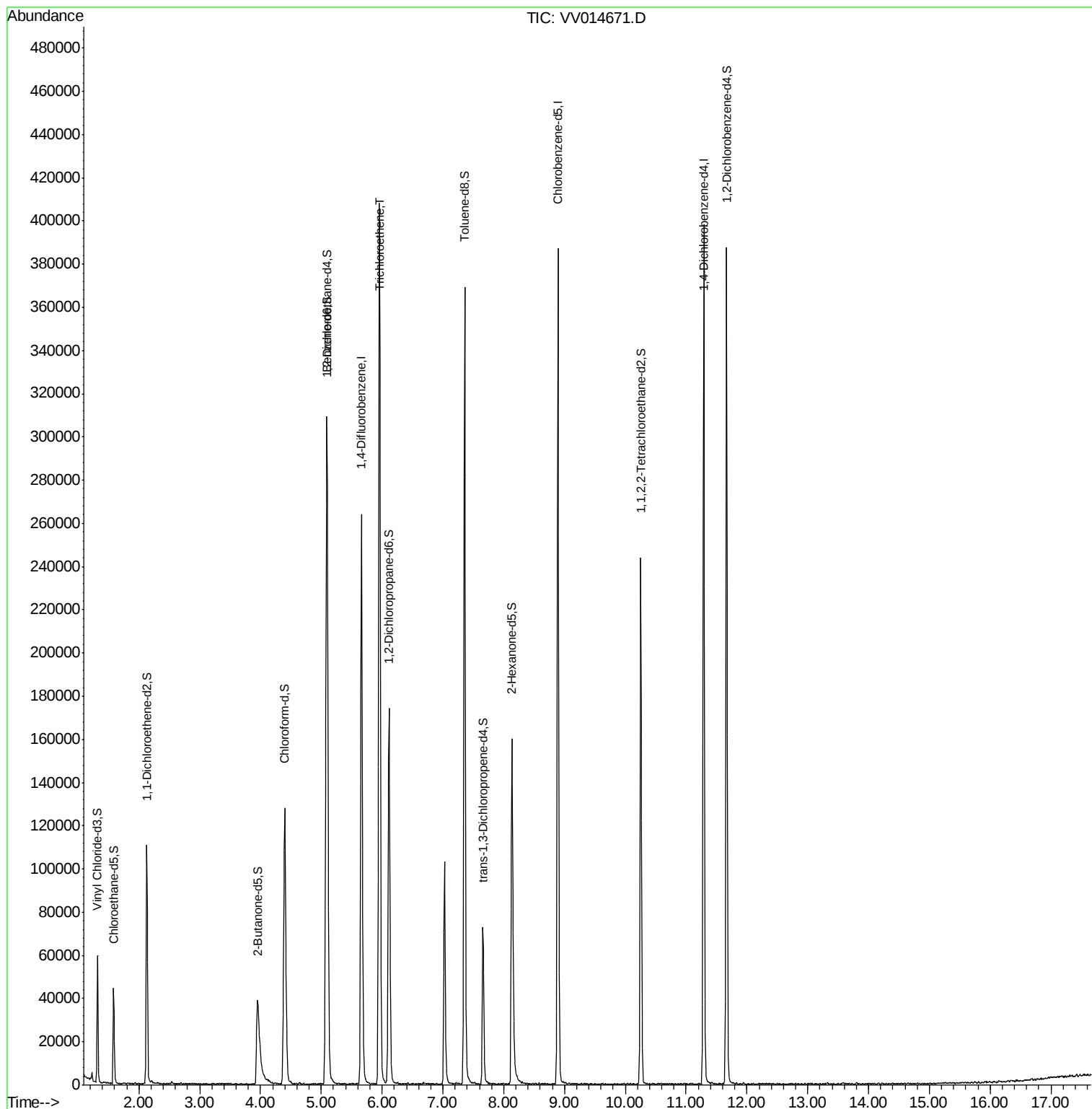
| Target Compounds    |      |    |        |             | Ovalue |
|---------------------|------|----|--------|-------------|--------|
| 34) Trichloroethene | 5.96 | 95 | 142121 | 89.680 ug/L | 98     |

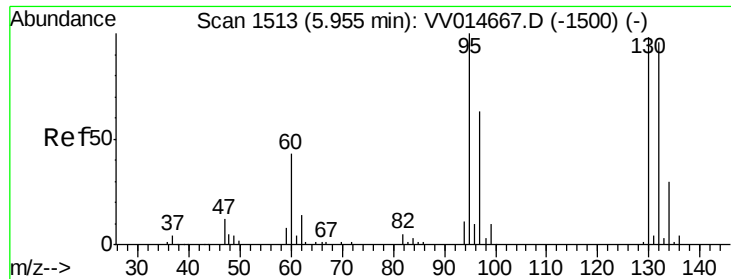
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 89.680 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014671.D

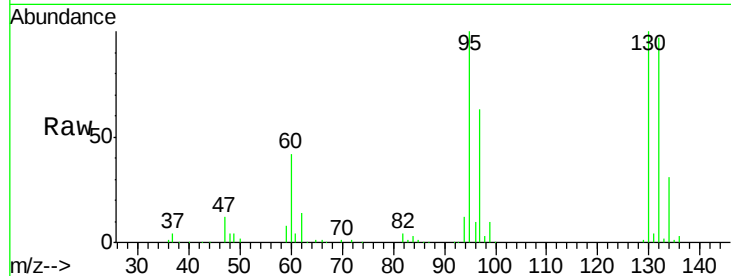
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Tot Ion: 95 Resp: 142121

Ion Ratio Lower Upper

95 100

97 63.3 44.3 82.3

132 97.4 69.7 129.4

130 99.8 71.3 132.5

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

