

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\  
 Data File : VV016655.D  
 Acq On : 08 Jun 2020 13:27  
 Operator : SY/MD  
 Sample : L2872-14  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFEP6

Quant Time: Jun 09 01:17:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 09 01:02:25 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 68878    | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 68259    | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 33430    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 103509   | 212.97   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 425.94%# |
| 7) Chloroethane-d5             | 1.56    | 69    | 72608    | 248.97   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 497.94%# |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 137756   | 168.79   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 337.58%# |
| 21) 2-Butanone-d5              | 3.89    | 46    | 165429   | 459.88   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 459.88%# |
| 24) Chloroform-d               | 4.37    | 84    | 213176   | 215.71   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 431.42%# |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 152171   | 226.38   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 452.76%# |
| 32) Benzene-d6                 | 5.07    | 84    | 427775   | 217.40   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 434.80%# |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 133046   | 216.92   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 433.84%# |
| 41) Toluene-d8                 | 7.34    | 98    | 378799   | 209.79   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 419.58%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 58979    | 184.63   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 369.26%# |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 113783   | 425.51   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 425.51%# |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 176176   | 216.98   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 433.96%# |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 154439   | 216.48   | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 432.96%# |

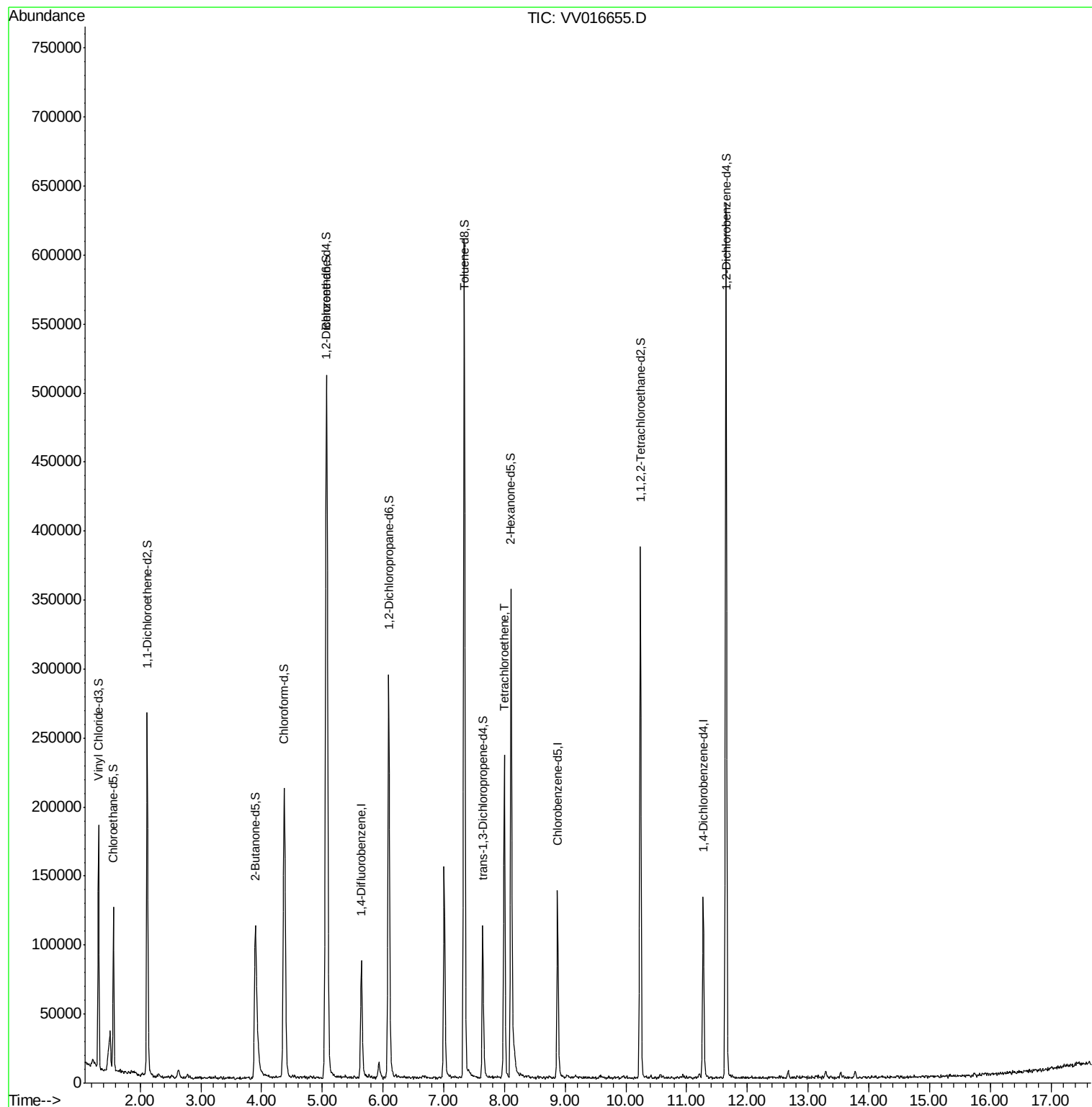
| Target Compounds      |      |     |       |              | Ovalue |
|-----------------------|------|-----|-------|--------------|--------|
| 46) Tetrachloroethene | 8.00 | 164 | 50855 | 119.380 ug/L | 96     |

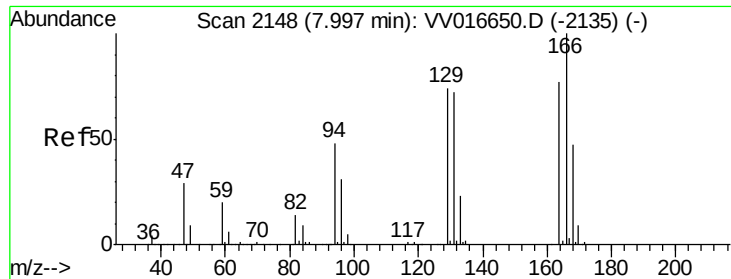
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 01:02:25 2020  
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#46

Tetrachloroethene

Concen: 119.380 ug/L

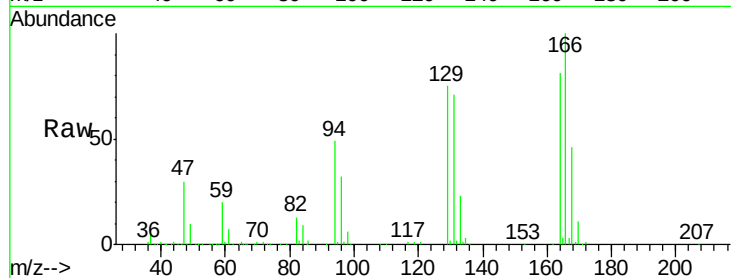
RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 50855

Ion Ratio Lower Upper

164 100

129 92.7 67.0 124.4

131 88.2 64.8 120.3

166 123.5 90.4 167.8

