

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\  
 Data File : VV017405.D  
 Acq On : 09 Jul 2020 17:58  
 Operator : SY/MD  
 Sample : L3254-09  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F4A56

Quant Time: Jul 10 04:46:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM070820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 10 04:00:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 268641   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 256485   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 124318   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 59007    | 42.19    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.38% |
| 7) Chloroethane-d5             | 1.58    | 69    | 44762    | 45.56    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.12% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 99090    | 31.29    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.58% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 86569    | 90.63    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 90.63% |
| 24) Chloroform-d               | 4.38    | 84    | 138025   | 42.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.34% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 104327   | 46.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.98% |
| 32) Benzene-d6                 | 5.08    | 84    | 251376   | 45.37    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.74% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 74468    | 46.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.34% |
| 41) Toluene-d8                 | 7.34    | 98    | 237874   | 44.66    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.32% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 41483    | 44.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.34% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 59445    | 90.78    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 90.78% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 100021   | 44.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.30% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 102181   | 49.16    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.32% |

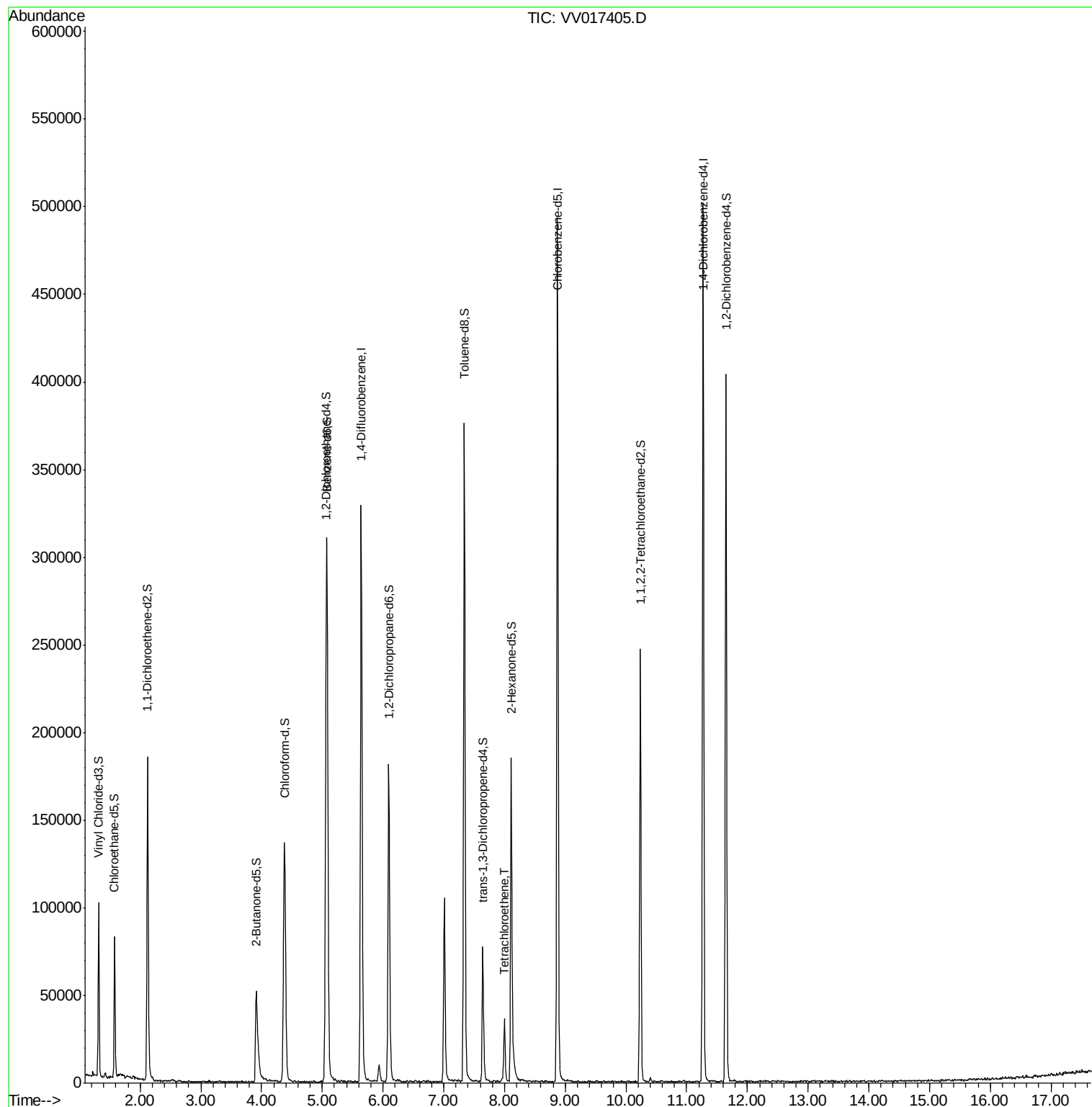
| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 46) Tetrachloroethene | 8.00 | 164 | 7815 | 4.624 ug/L | 89     |

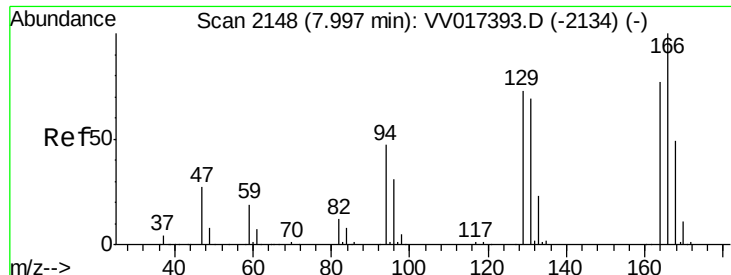
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46

Tetrachloroethene

Concen: 4.624 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV017405.D

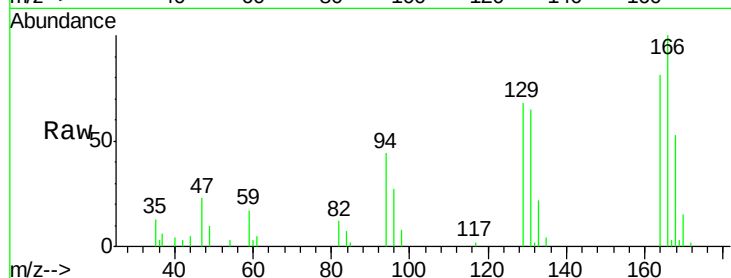
Acq: 09 Jul 2020 17:58

Instrument :

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ClientSampleId :

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Tot Ion:164 Resp: 7815

Ion Ratio Lower Upper

164 100

129 84.0 66.6 123.8

131 80.7 65.5 121.7

166 123.6 93.9 174.5

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

