

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\  
 Data File : VV018845.D  
 Acq On : 10 Oct 2020 20:09  
 Operator : SY/MD  
 Sample : L4289-07  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AH3

Quant Time: Oct 12 06:31:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM100820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 12 04:43:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 300337   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 293579   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 139896   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 81546    | 29.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 59.76%# |
| 7) Chloroethane-d5             | 1.58    | 69    | 77990    | 35.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 71.02%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 129971   | 24.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 49.40%# |
| 21) 2-Butanone-d5              | 3.91    | 46    | 166607   | 99.43    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.43%  |
| 24) Chloroform-d               | 4.38    | 84    | 197744   | 41.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.14%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 146149   | 44.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.56%  |
| 32) Benzene-d6                 | 5.08    | 84    | 383095   | 40.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.10%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 125325   | 40.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 81.36%  |
| 41) Toluene-d8                 | 7.34    | 98    | 289482   | 34.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 69.04%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 49116    | 32.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.24%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 85003    | 78.72    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 78.72%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 164725   | 46.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.96%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 145092   | 46.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.72%  |

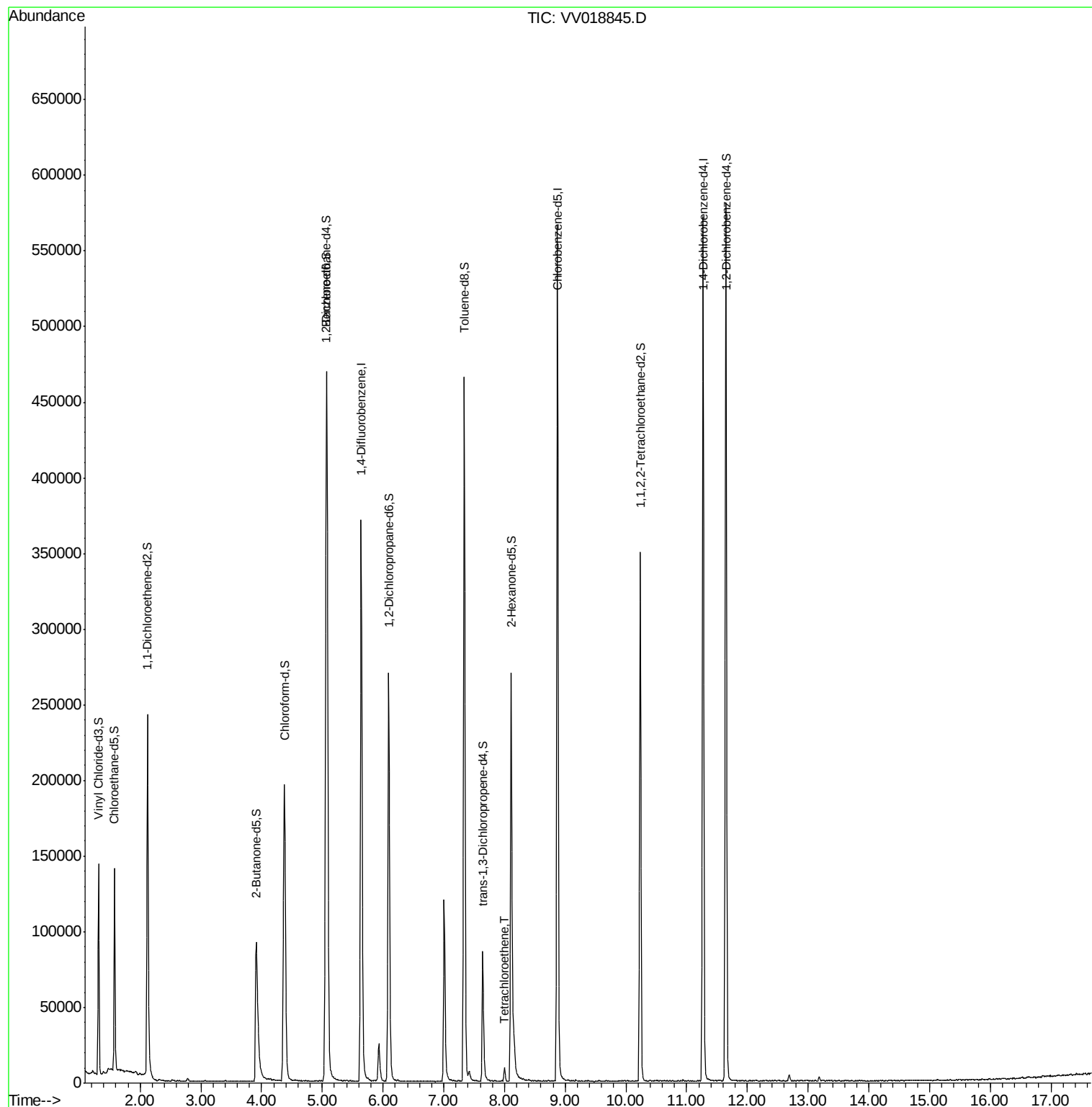
| Target Compounds      |      |     |      |              | Ovalue |
|-----------------------|------|-----|------|--------------|--------|
| 46) Tetrachloroethene | 8.00 | 164 | 1920 | 0.977 ug/L # | 83     |

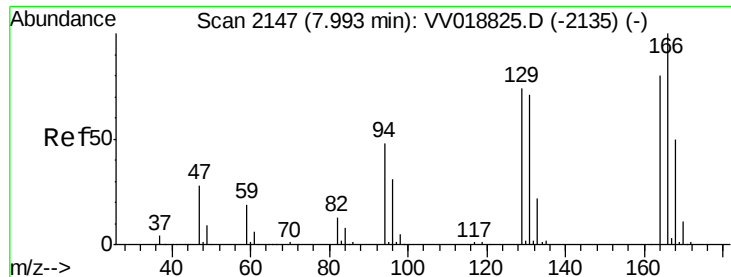
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46

Tetrachloroethene

Concen: 0.977 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018845.D

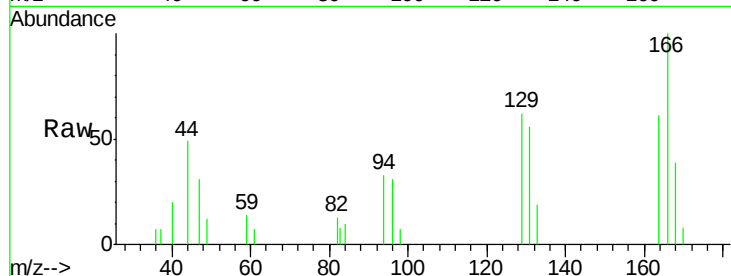
Acq: 10 Oct 2020 20:09

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ClientSampleId :

C0AH3



Tot Ion:164 Resp: 1920

Ion Ratio Lower Upper

164 100

129 101.8 64.6 120.0

131 92.4 63.6 118.0

166 164.3 88.3 164.1#

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

