

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\  
 Data File : VV019948.D  
 Acq On : 08 Jan 2021 15:22  
 Operator : SY/MD  
 Sample : VIBLK77  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK77

Quant Time: Jan 09 00:07:46 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM122820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 08 22:51:06 2021  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 444873   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 423035   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.26 | 152  | 191896   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 124847   | 36.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 72.52%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 129375   | 47.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.56%  |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 200509   | 30.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.62%  |
| 21) 2-Butanone-d5              | 3.89    | 46    | 287669   | 112.74   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 112.74% |
| 24) Chloroform-d               | 4.35    | 84    | 319367   | 49.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 237776   | 55.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 111.86% |
| 32) Benzene-d6                 | 5.05    | 84    | 585460   | 48.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.12%  |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 204817   | 51.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.26% |
| 41) Toluene-d8                 | 7.32    | 98    | 472216   | 43.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.10%  |
| 43) trans-1,3-Dichloropropene- | 7.63    | 79    | 86821    | 43.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.20%  |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 158384   | 95.67    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.67%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 257364   | 49.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 183705   | 50.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.10% |

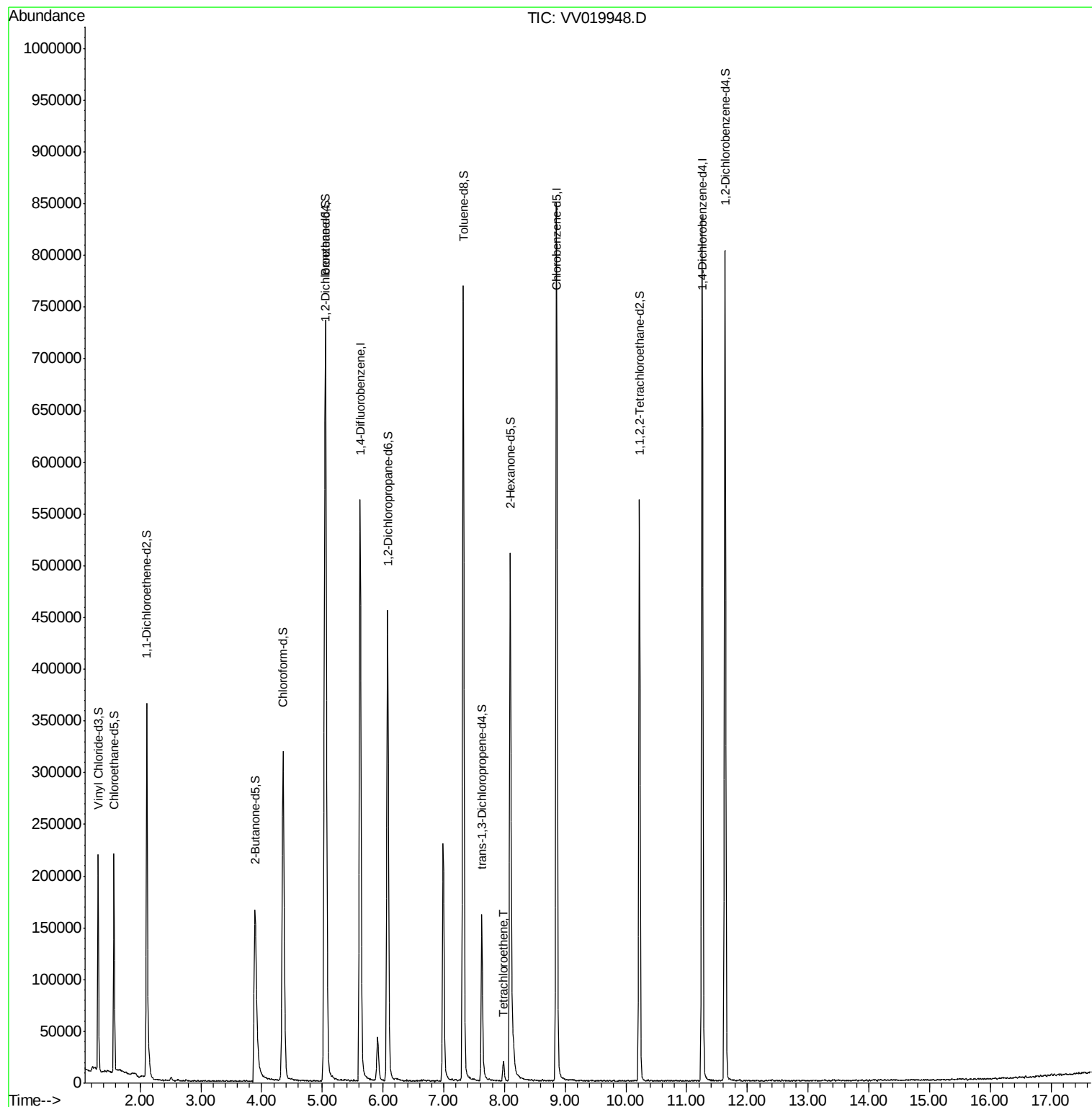
| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 46) Tetrachloroethene | 7.98 | 164 | 3982 | 1.689 ug/L | 94     |

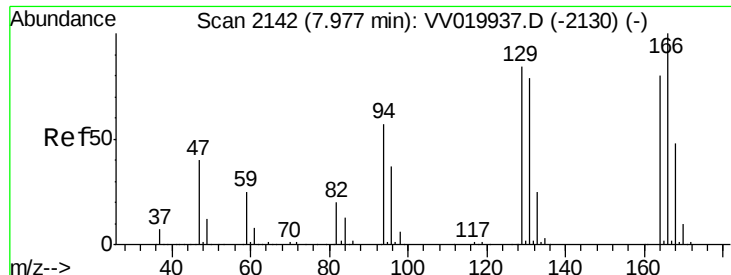
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 1 Sample Multiplier: 1

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MSVOA\_V  
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Quant Title : VOC Analysis  
QLast Update : Fri Jan 08 22:51:06 2021  
Response via : Initial Calibration





#46

Tetrachloroethene

Concen: 1.689 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VV019948.D

Acq: 08 Jan 2021 15:22

Instrument :

MSVOA\_V

ClientSampleId :

VIBLK77

Tot Ion:164 Resp: 3982

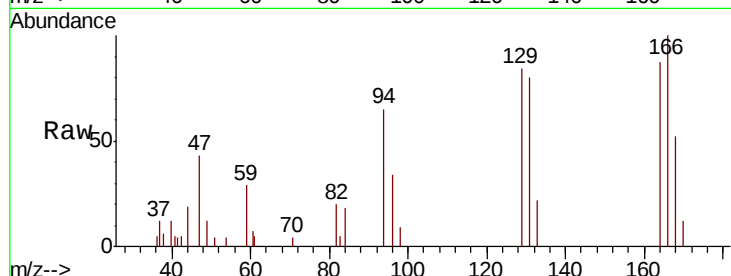
Ion Ratio Lower Upper

164 100

129 96.4 70.6 131.0

131 92.2 66.8 124.0

166 114.7 88.2 163.8



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

