

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV031219\  
 Data File : VV009611.D  
 Acq On : 12 Mar 2019 18:17  
 Operator : SY/MD  
 Sample : K1789-10ME  
 Misc : 5.72g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF0P6ME

Quant Time: Mar 13 05:16:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 13 02:20:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 216884   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 220890   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 99984    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 52287    | 40.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 81.46%  |
| 7) Chloroethane-d5             | 1.55    | 69    | 31971    | 23.93    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 47.86%# |
| 11) 1,1-Dichloroethene-d2      | 2.10    | 63    | 116949   | 34.53    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.06%  |
| 21) 2-Butanone-d5              | 3.95    | 46    | 86820    | 91.53    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 91.53%  |
| 24) Chloroform-d               | 4.40    | 84    | 124030   | 44.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.46%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 87751    | 47.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.60%  |
| 32) Benzene-d6                 | 5.09    | 84    | 258787   | 45.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.12%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 79136    | 46.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.16%  |
| 41) Toluene-d8                 | 7.36    | 98    | 254854   | 45.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.08%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 40342    | 45.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.96%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 71469    | 95.14    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.14%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 125951   | 45.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.30%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 96769    | 45.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.76%  |

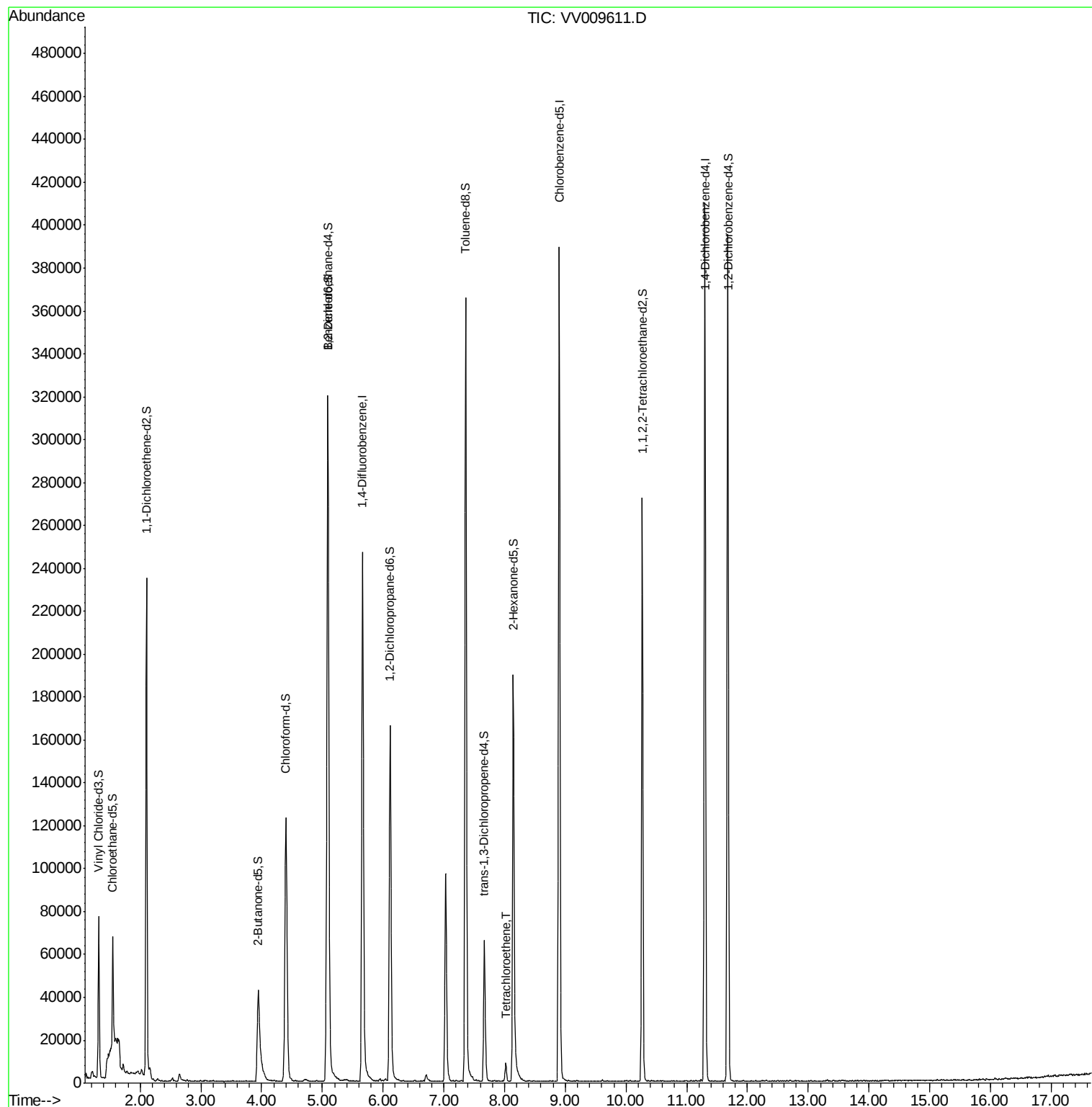
| Target Compounds      |      |     |      |            | Qvalue |
|-----------------------|------|-----|------|------------|--------|
| 46) Tetrachloroethene | 8.02 | 164 | 1748 | 1.503 ug/L | 91     |

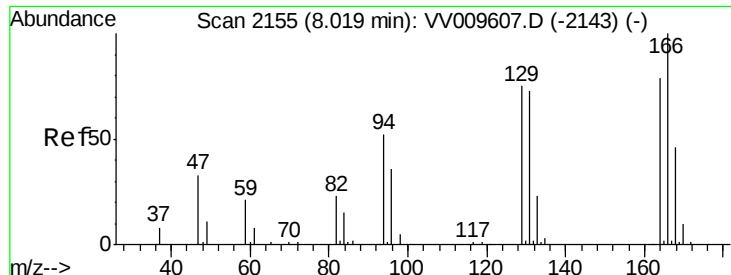
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46

Tetrachloroethene

Concen: 1.503 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV009611.D

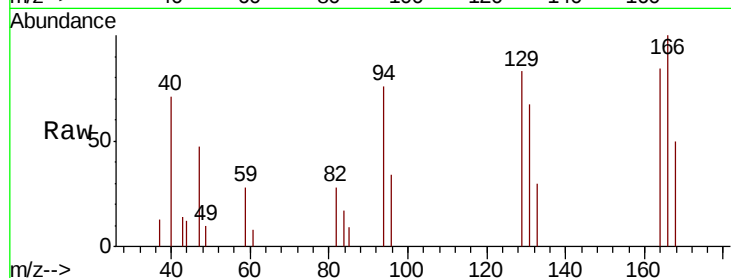
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Instrument :

MSVOA\_V

ClientSampleId :

BF0P6ME



Tgt Ion:164 Resp: 1748

Ion Ratio Lower Upper

164 100

129 98.6 70.8 131.6

131 80.2 68.3 126.9

166 119.4 89.5 166.3

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

