

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081820\  
 Data File : VV018049.D  
 Acq On : 18 Aug 2020 13:08  
 Operator : SY/MD  
 Sample : L3702-19ME  
 Misc : 6.09g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFWQ4ME

Quant Time: Aug 19 08:20:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Aug 19 07:54:18 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 487302   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.88  | 117  | 474356   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.28 | 152  | 227644   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 142843   | 38.42    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 76.84% |
| 7) Chloroethane-d5             | 1.58    | 69    | 116980   | 38.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 76.92% |
| 11) 1,1-Dichloroethene-d2      | 2.10    | 63    | 229285   | 32.24    | ug/L | -0.02  |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.48% |
| 21) 2-Butanone-d5              | 3.93    | 46    | 189590   | 77.85    | ug/L | 0.02   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 77.85% |
| 24) Chloroform-d               | 4.37    | 84    | 295056   | 43.59    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.18% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 203016   | 46.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.36% |
| 32) Benzene-d6                 | 5.07    | 84    | 596920   | 45.66    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.32% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 195699   | 45.79    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.58% |
| 41) Toluene-d8                 | 7.34    | 98    | 549173   | 46.71    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.42% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 94835    | 48.92    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.84% |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 113611   | 82.84    | ug/L | 0.04   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 82.84% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 227898   | 40.95    | ug/L | 0.01   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 81.90% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 217471   | 48.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.08% |

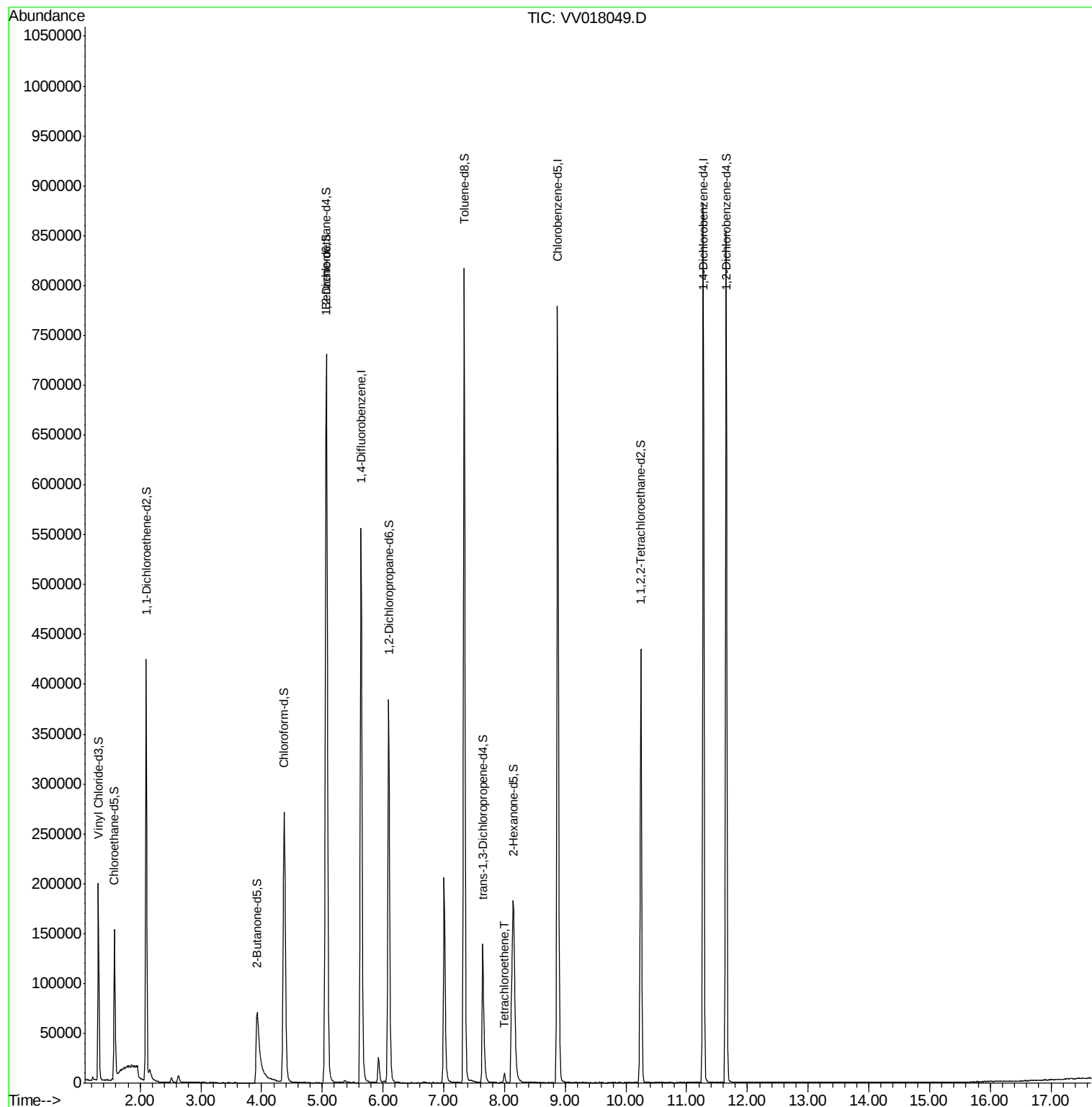
| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 46) Tetrachloroethene | 8.00 | 164 | 2406 | 0.846 ug/L | 94     |

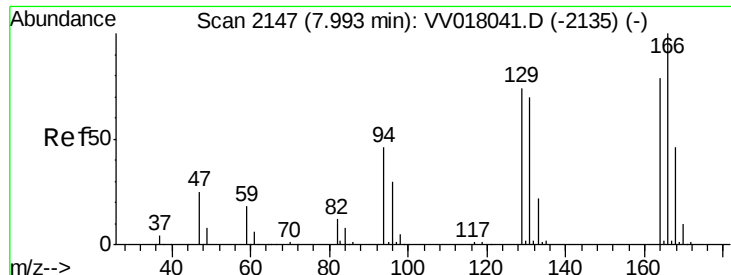
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 07:54:18 2020  
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#46

Tetrachloroethene

Concen: 0.846 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018049.D

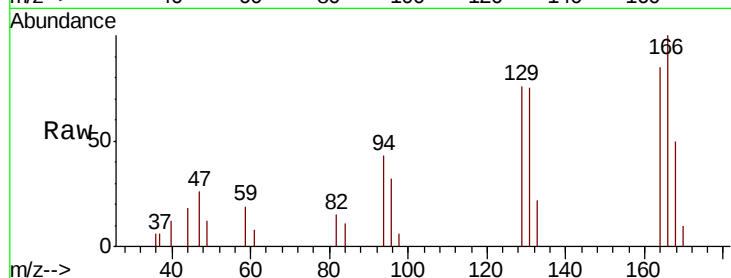
Acq: 18 Aug 2020 13:08

Instrument :

MSVOA\_V

ClientSampleId :

BFWQ4ME



Tot Ion:164 Resp: 2406

Ion Ratio Lower Upper

164 100

129 89.3 64.8 120.3

131 87.9 64.5 119.9

166 117.0 88.9 165.1

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

