

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\  
 Data File : VV018648.D  
 Acq On : 03 Oct 2020 00:19  
 Operator : SY/MD  
 Sample : L4254-02 100X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3Q6

Quant Time: Oct 03 04:36:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 03 02:08:43 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 299861   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 296745   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 144537   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 78508    | 44.64    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.28% |
| 7) Chloroethane-d5             | 1.58    | 69    | 68639    | 47.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.40% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 126528   | 35.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.62% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 107991   | 82.32    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 82.32% |
| 24) Chloroform-d               | 4.38    | 84    | 163372   | 42.96    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.92% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 112279   | 46.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.02% |
| 32) Benzene-d6                 | 5.07    | 84    | 313624   | 41.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.44% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 96212    | 42.36    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 84.72% |
| 41) Toluene-d8                 | 7.34    | 98    | 282933   | 40.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.02% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 47041    | 38.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 76.68% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 60697    | 70.36    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 70.36% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 117051   | 38.88    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 77.76% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 128037   | 46.06    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.12% |

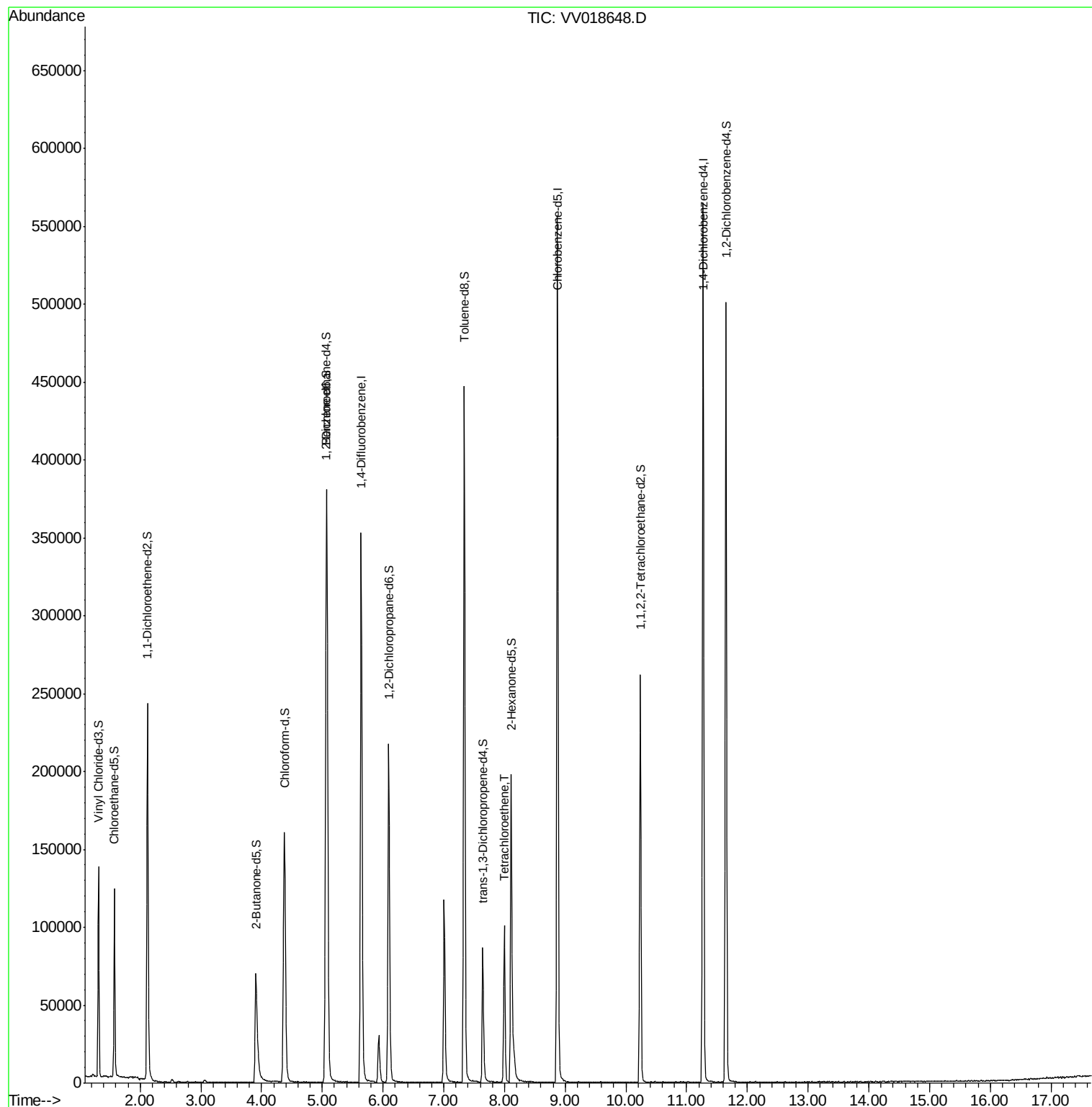
| Target Compounds      |      |     |       |             | Ovalue |
|-----------------------|------|-----|-------|-------------|--------|
| 46) Tetrachloroethene | 8.00 | 164 | 22962 | 11.183 ug/L | 96     |

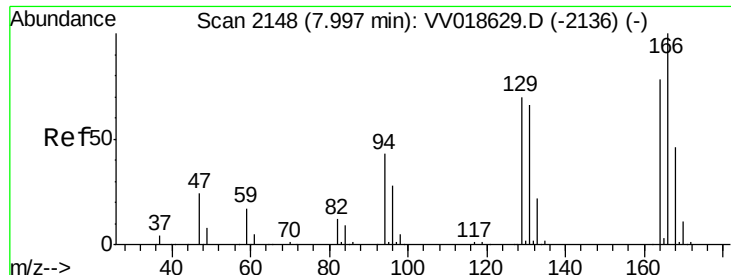
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100220\  
Data File : VV018648.D  
Acq On : 03 Oct 2020 00:19  
Operator : SY/MD  
Sample : L4254-02 100X  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG3Q6

Quant Time: Oct 03 04:36:49 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Oct 03 02:08:43 2020  
Response via : Initial Calibration





#46

Tetrachloroethene

Concen: 11.183 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018648.D

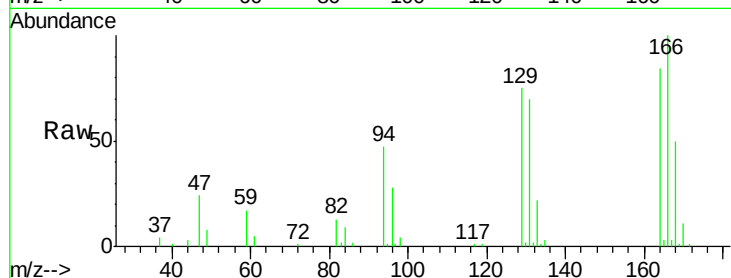
Acq: 03 Oct 2020 00:19

Instrument :

MSVOA\_V

ClientSampleId :

BG3Q6



Tot Ion:164 Resp: 22962

Ion Ratio Lower Upper

164 100

129 89.6 62.8 116.6

131 83.9 60.8 112.8

166 119.4 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

