

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\  
 Data File : VV019699.D  
 Acq On : 18 Dec 2020 14:56  
 Operator : SY/MD  
 Sample : L5099-05 200X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG4Q0

Quant Time: Dec 19 07:58:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 19 05:26:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.62  | 114  | 596119   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.86  | 117  | 557075   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152  | 257370   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 201847   | 47.22    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 94.44%   |
| 7) Chloroethane-d5             | 1.57    | 69    | 169173   | 50.18    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 100.36%  |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 296961   | 37.43    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.86%   |
| 21) 2-Butanone-d5              | 3.89    | 46    | 314551   | 135.38   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 135.38%# |
| 24) Chloroform-d               | 4.35    | 84    | 378338   | 49.11    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.22%   |
| 26) 1,2-Dichloroethane-d4      | 5.04    | 65    | 266087   | 52.85    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.70%  |
| 32) Benzene-d6                 | 5.05    | 84    | 773425   | 52.06    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.12%  |
| 36) 1,2-Dichloropropane-d6     | 6.07    | 67    | 247463   | 53.17    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 106.34%  |
| 41) Toluene-d8                 | 7.32    | 98    | 681480   | 50.94    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.88%  |
| 43) trans-1,3-Dichloropropene- | 7.62    | 79    | 118993   | 44.95    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.90%   |
| 47) 2-Hexanone-d5              | 8.09    | 63    | 216865   | 118.72   | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 118.72%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22   | 84    | 312440   | 49.63    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.26%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.63   | 152   | 245562   | 51.04    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.08%  |

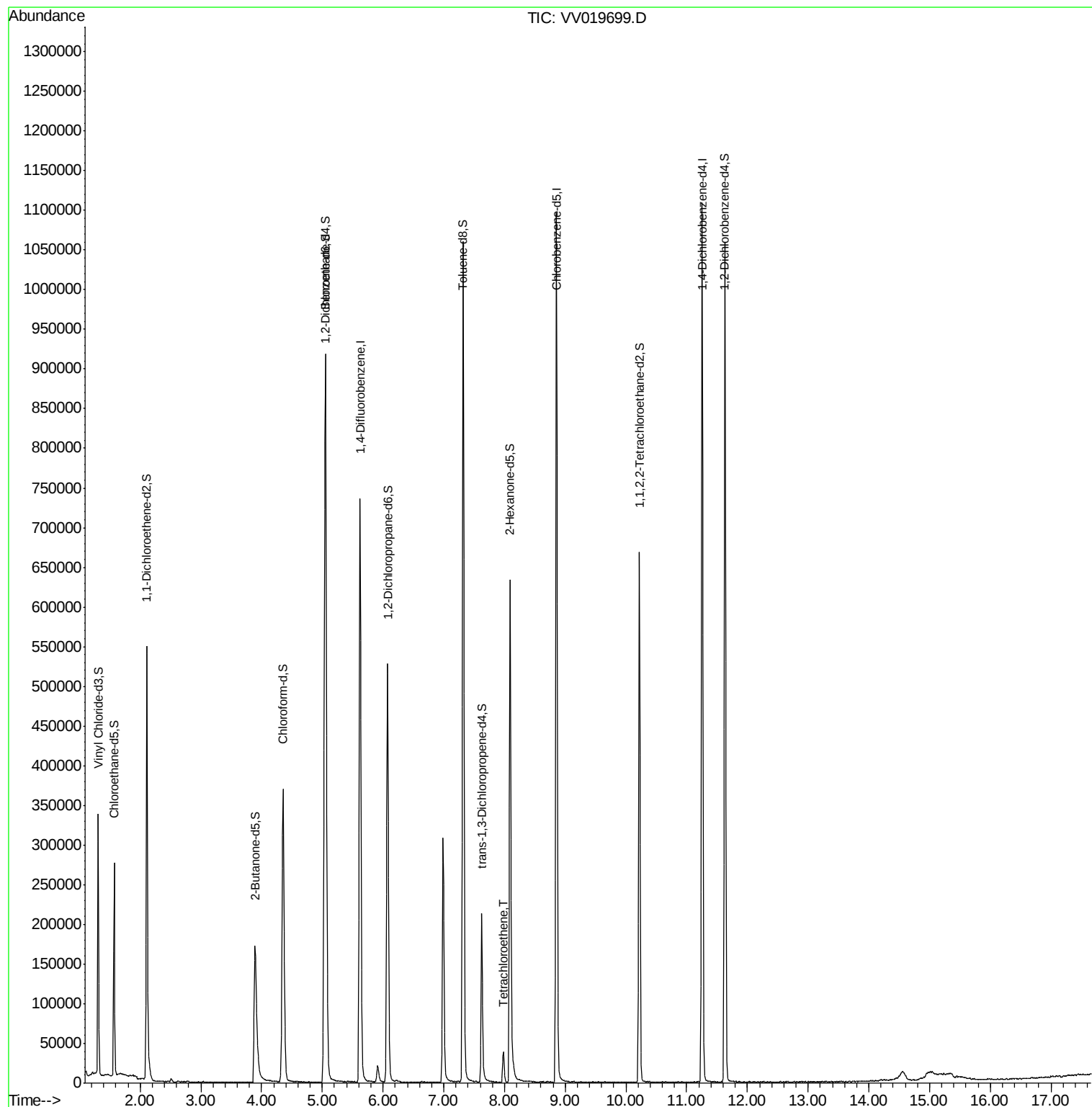
| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 46) Tetrachloroethene | 7.98 | 164 | 8432 | 2.833 ug/L | 96     |

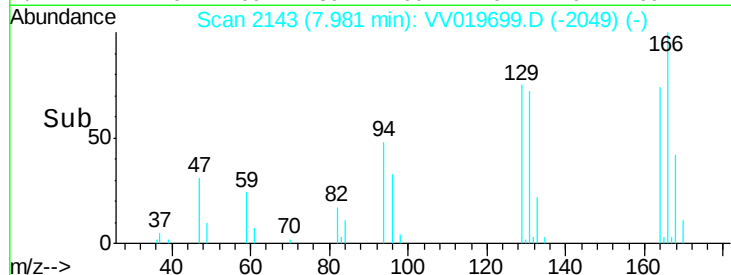
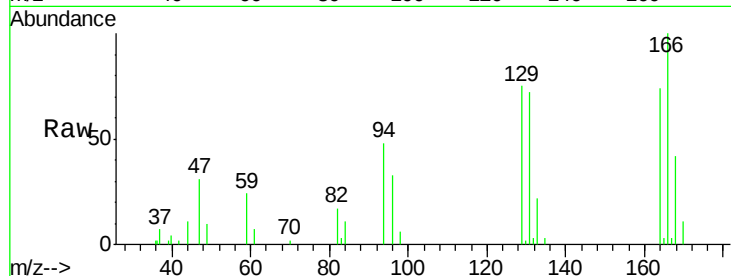
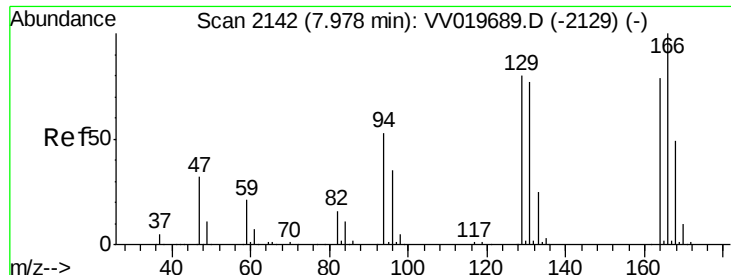
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46

Tetrachloroethene

Concen: 2.833 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019699.D

Acq: 18 Dec 2020 14:56

Instrument :

MSVOA\_V

ClientSampleId :

BG4Q0

Tot Ion:164 Resp: 8432

Ion Ratio Lower Upper

164 100

129 101.4 70.6 131.0

131 96.5 68.0 126.4

166 134.5 86.9 161.5

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

