

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\  
 Data File : VV009708.D  
 Acq On : 16 Mar 2019 00:50  
 Operator : SY/MD  
 Sample : VV0316MBL02  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK73

Quant Time: Mar 16 05:21:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 16 02:32:06 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 151915   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 147883   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 61827    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 43618    | 48.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.02%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 43638    | 46.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.26%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 92906    | 39.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.34%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 67071    | 100.94   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.94% |
| 24) Chloroform-d               | 4.41    | 84    | 95146    | 48.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.88%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 65498    | 50.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.80% |
| 32) Benzene-d6                 | 5.10    | 84    | 196161   | 51.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.02% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 60145    | 52.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.62% |
| 41) Toluene-d8                 | 7.36    | 98    | 185489   | 49.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.02%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 25805    | 43.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.90%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 46273    | 92.01    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.01%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 83616    | 45.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.54%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 64592    | 49.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.04%  |

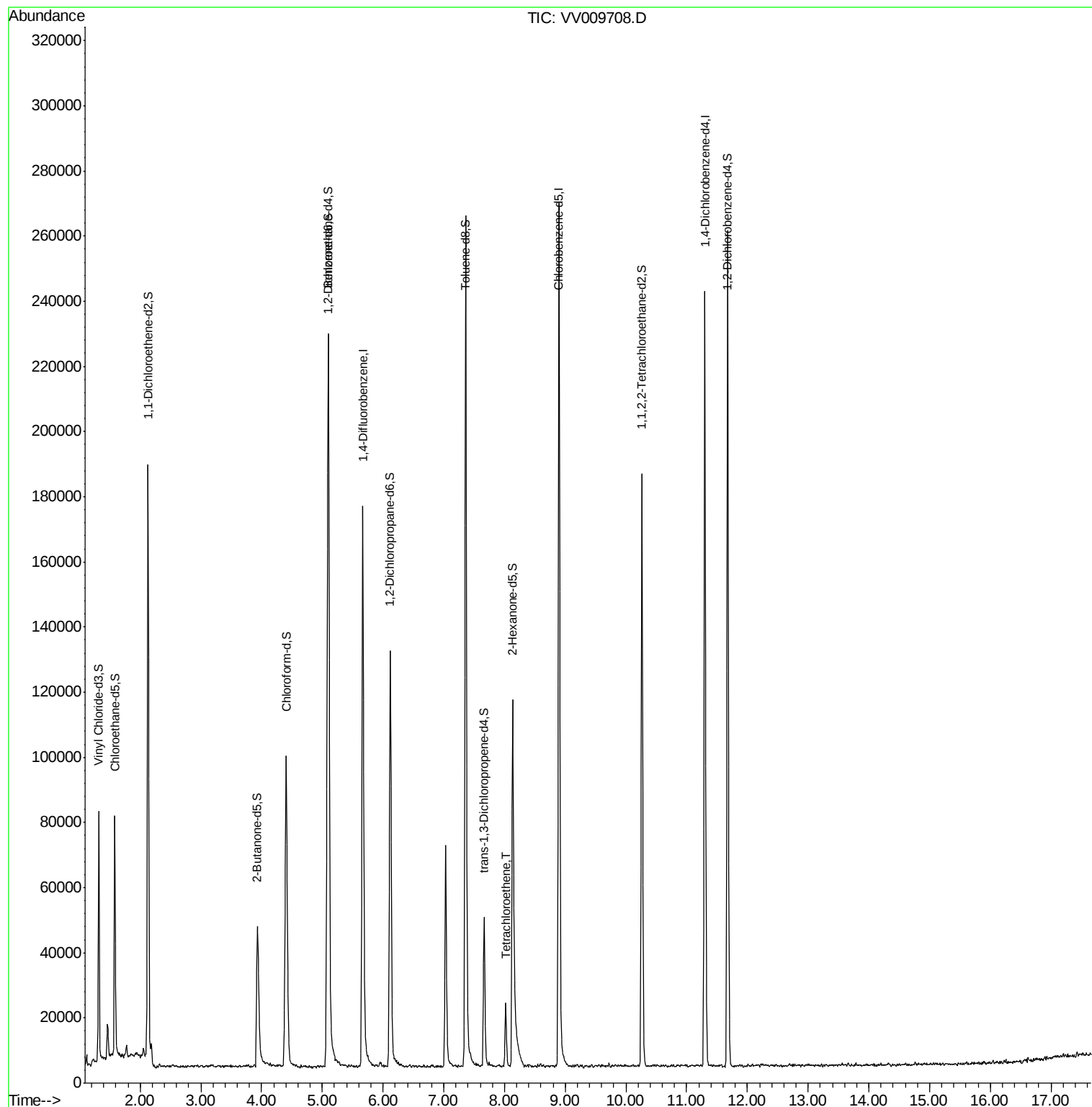
| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 46) Tetrachloroethene | 8.02 | 164 | 4021 | 5.163 ug/L | 91     |

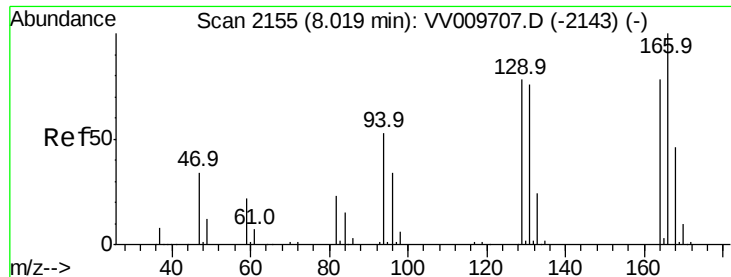
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 16 02:32:06 2019  
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#46

Tetrachloroethene

Concen: 5.163 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009708.D

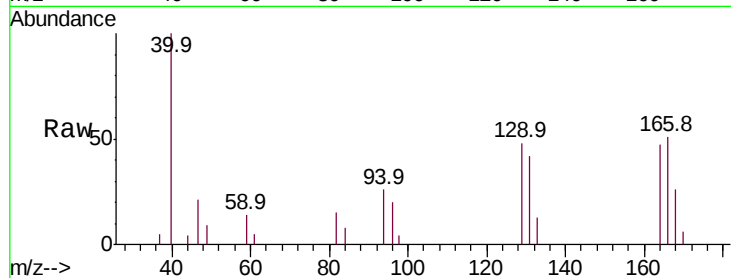
Acq: 16 Mar 2019 00:50

Instrument :

MSVOA\_V

ClientSampleId :

VBLK73



Tot Ion:164 Resp: 4021

Ion Ratio Lower Upper

164 100

129 102.8 70.8 131.6

131 89.6 68.3 126.9

166 110.1 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

