

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\  
 Data File : VW007952.D  
 Acq On : 27 Dec 2018 05:53  
 Operator : SY/AP  
 Sample : J6506-16  
 Misc : 5.88G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BEZY6

Quant Time: Dec 27 07:43:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122618S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 27 03:06:17 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 95720    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 85144    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 36060    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 21936    | 23.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.00%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 15269    | 24.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.12%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 43984    | 17.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 68.88%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 15438    | 38.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.74%  |
| 24) Chloroform-d               | 7.65   | 84    | 60772    | 23.86    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 95.44%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 38530    | 25.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 100.96% |
| 29) Benzene-d6                 | 8.27   | 84    | 115902   | 24.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 97.08%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 32304    | 24.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 99.48%  |
| 37) Toluene-d8                 | 10.32  | 98    | 107991   | 23.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 92.84%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 16603    | 22.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 89.04%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 12926    | 38.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 77.82%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 28133    | 22.51    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 90.04%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 33126    | 22.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 90.96%  |

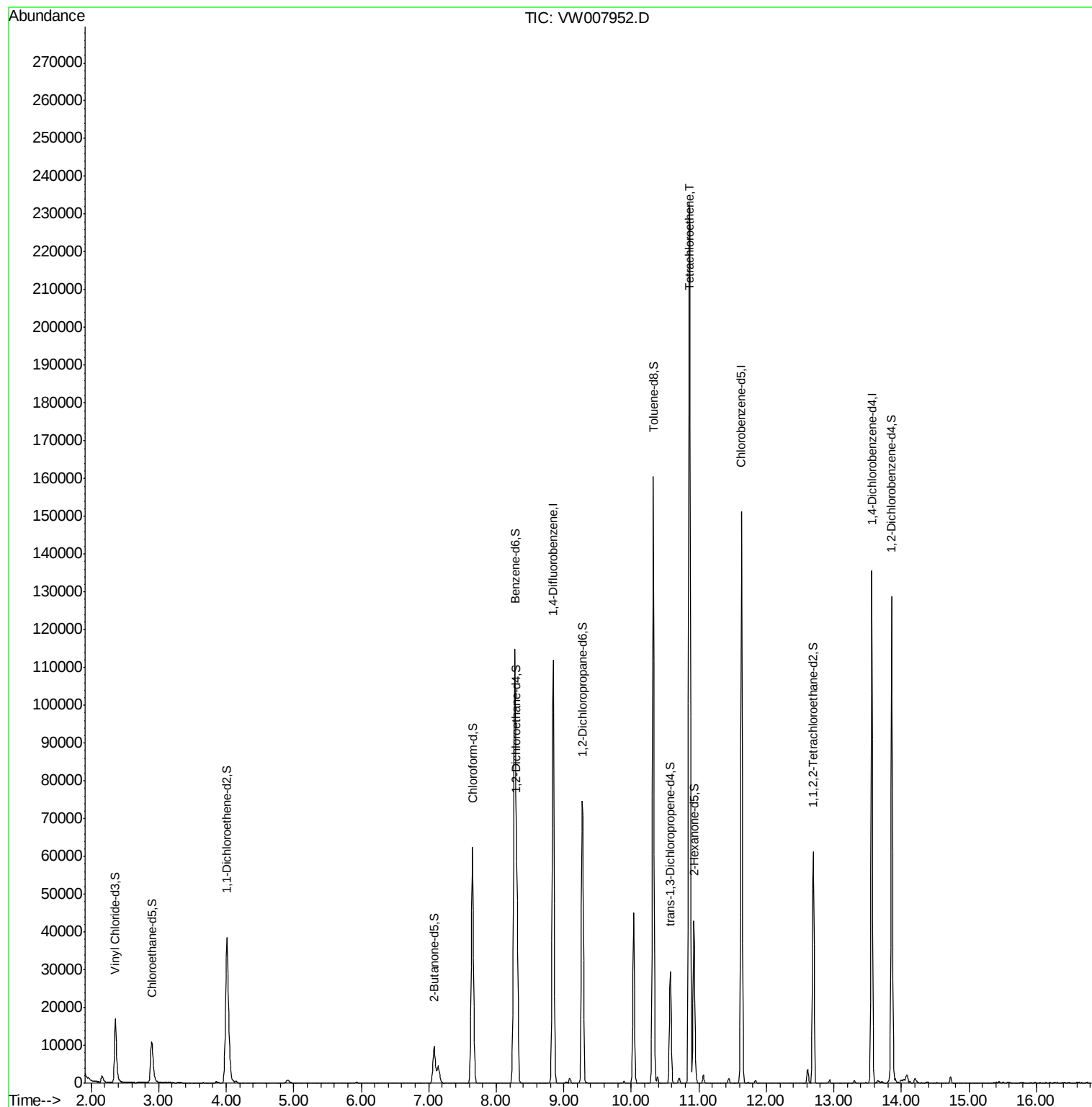
| Target Compounds      |       |     |       |             | Ovalue |
|-----------------------|-------|-----|-------|-------------|--------|
| 47) Tetrachloroethene | 10.87 | 164 | 51745 | 49.200 ug/L | 99     |

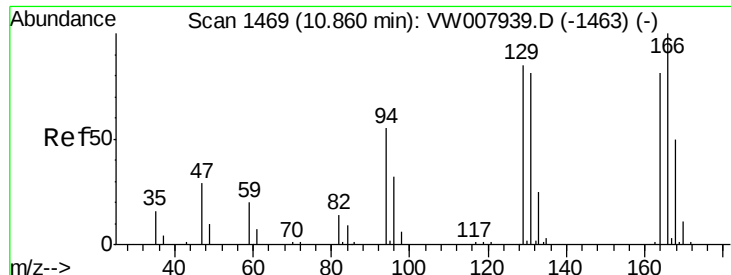
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47

Tetrachloroethene

Concen: 49.200 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW007952.D

Acq: 27 Dec 2018 05:53

Instrument :

MSVOA\_W

ClientSampleId :

BEZY6

Tot Ion:164 Resp: 51745

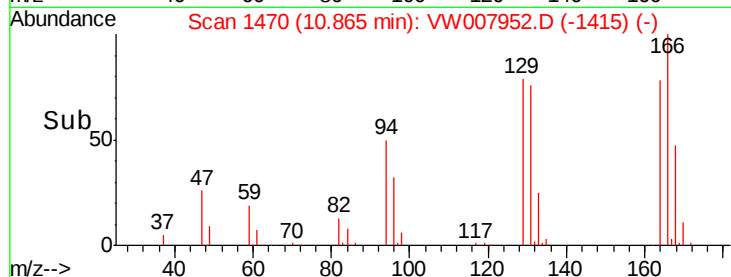
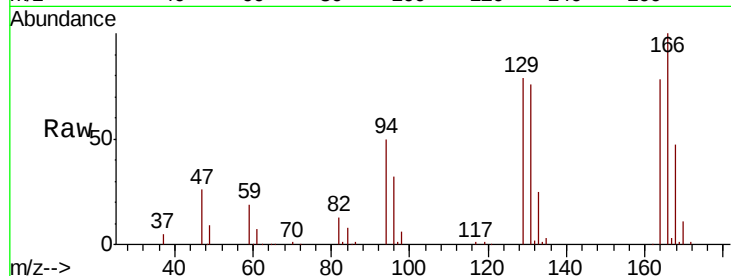
Ion Ratio Lower Upper

164 100

129 101.4 70.6 131.2

131 96.4 66.5 123.5

166 127.7 87.7 162.9



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

