

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\  
 Data File : VV008938.D  
 Acq On : 14 Dec 2018 18:41  
 Operator : SY/MD  
 Sample : J6369-04  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COL60

Quant Time: Dec 15 00:35:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 14 23:39:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 202974   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 189325   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 80026    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 51705    | 43.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 87.24%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 41161    | 55.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 110.36% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 107260   | 38.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 76.64%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 90309    | 114.11   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 114.11% |
| 24) Chloroform-d               | 4.41    | 84    | 124424   | 49.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 82702    | 51.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.68% |
| 32) Benzene-d6                 | 5.10    | 84    | 257121   | 50.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 77562    | 50.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.18% |
| 41) Toluene-d8                 | 7.36    | 98    | 234400   | 48.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.88%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 36242    | 46.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.22%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 58473    | 103.05   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 103.05% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 95662    | 48.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.66%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 84857    | 51.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.82% |

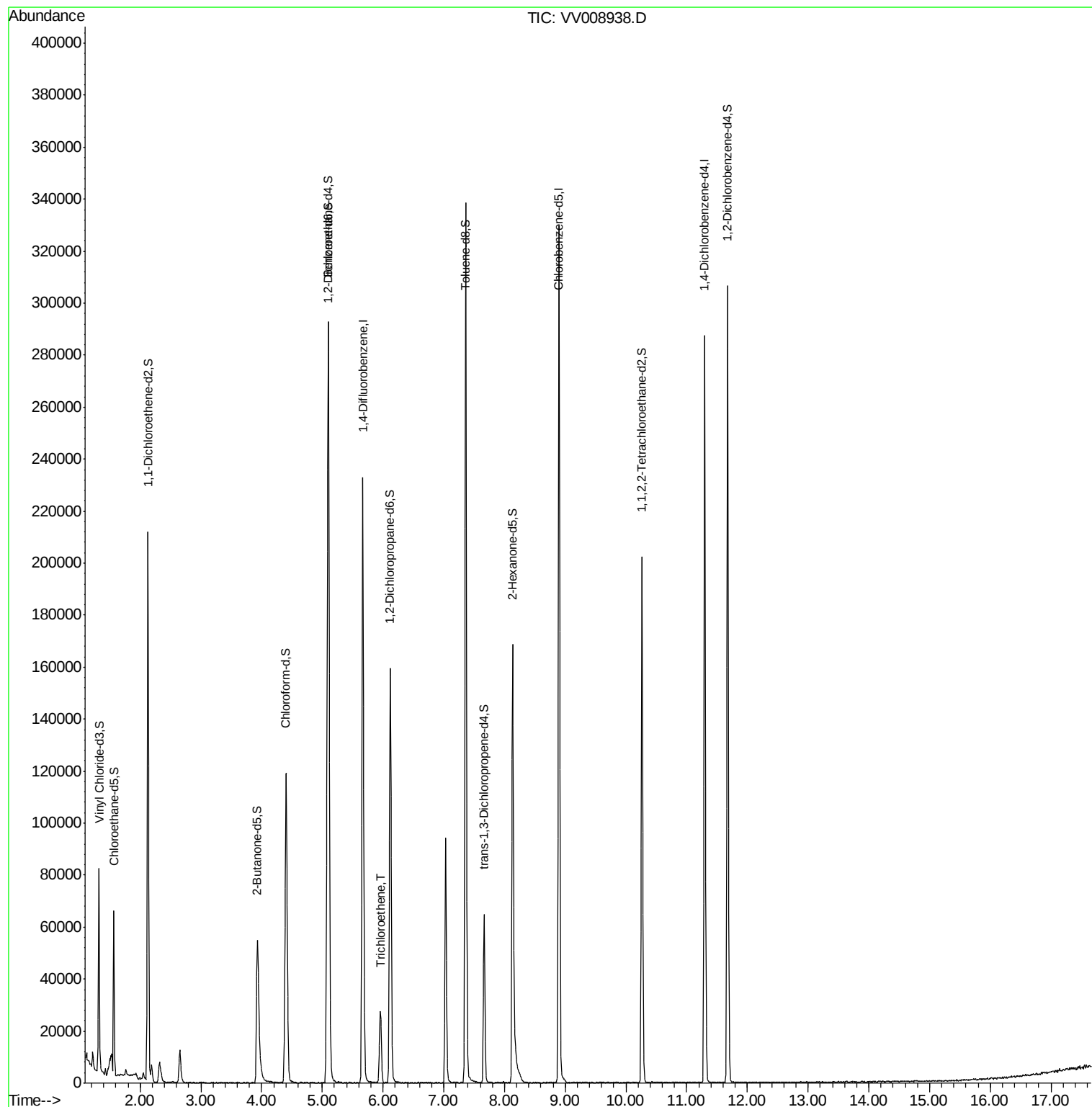
| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 5.96 | 95 | 5884 | 3.906 ug/L | 97     |

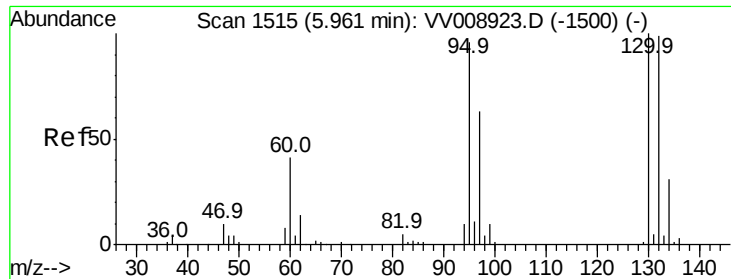
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 3.906 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008938.D

Acq: 14 Dec 2018 18:41

Instrument :

MSVOA\_V

ClientSampleId :

COL60

Tot Ion: 95 Resp: 5884

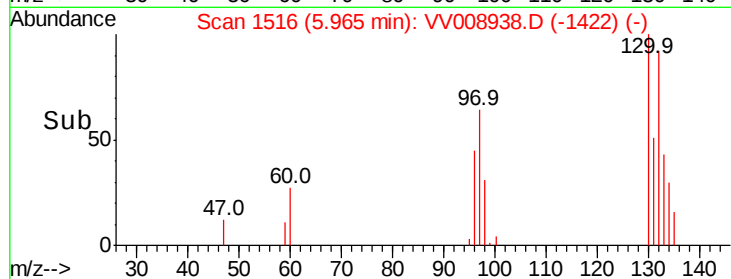
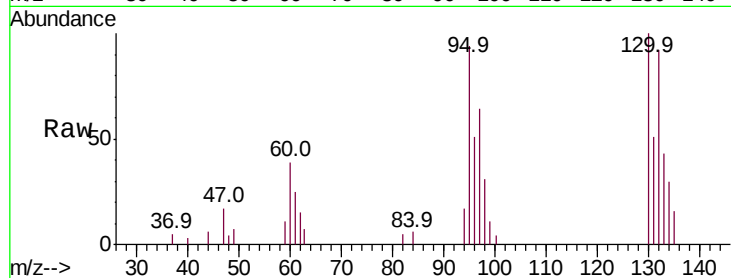
Ion Ratio Lower Upper

95 100

97 68.5 45.7 84.9

132 98.0 72.2 134.2

130 106.8 73.8 137.2



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

