

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\  
 Data File : VV008954.D  
 Acq On : 15 Dec 2018 01:04  
 Operator : SY/MD  
 Sample : J6387-07  
 Misc : 5.0 mL/MSVOA V/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0LA9

Quant Time: Dec 15 04:17:35 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM121318WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 15 01:01:00 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 203155   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 191978   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 78684    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 48297    | 40.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 81.42%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 38974    | 52.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.40% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 98097    | 35.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.02%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 84075    | 106.14   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 106.14% |
| 24) Chloroform-d               | 4.40    | 84    | 118623   | 46.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.72%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 79061    | 49.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.06%  |
| 32) Benzene-d6                 | 5.10    | 84    | 242298   | 46.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.66%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 74309    | 47.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.60%  |
| 41) Toluene-d8                 | 7.36    | 98    | 221869   | 45.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.38%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 34409    | 43.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.28%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 54399    | 94.55    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.55%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 90084    | 44.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.76%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 78800    | 48.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.12%  |

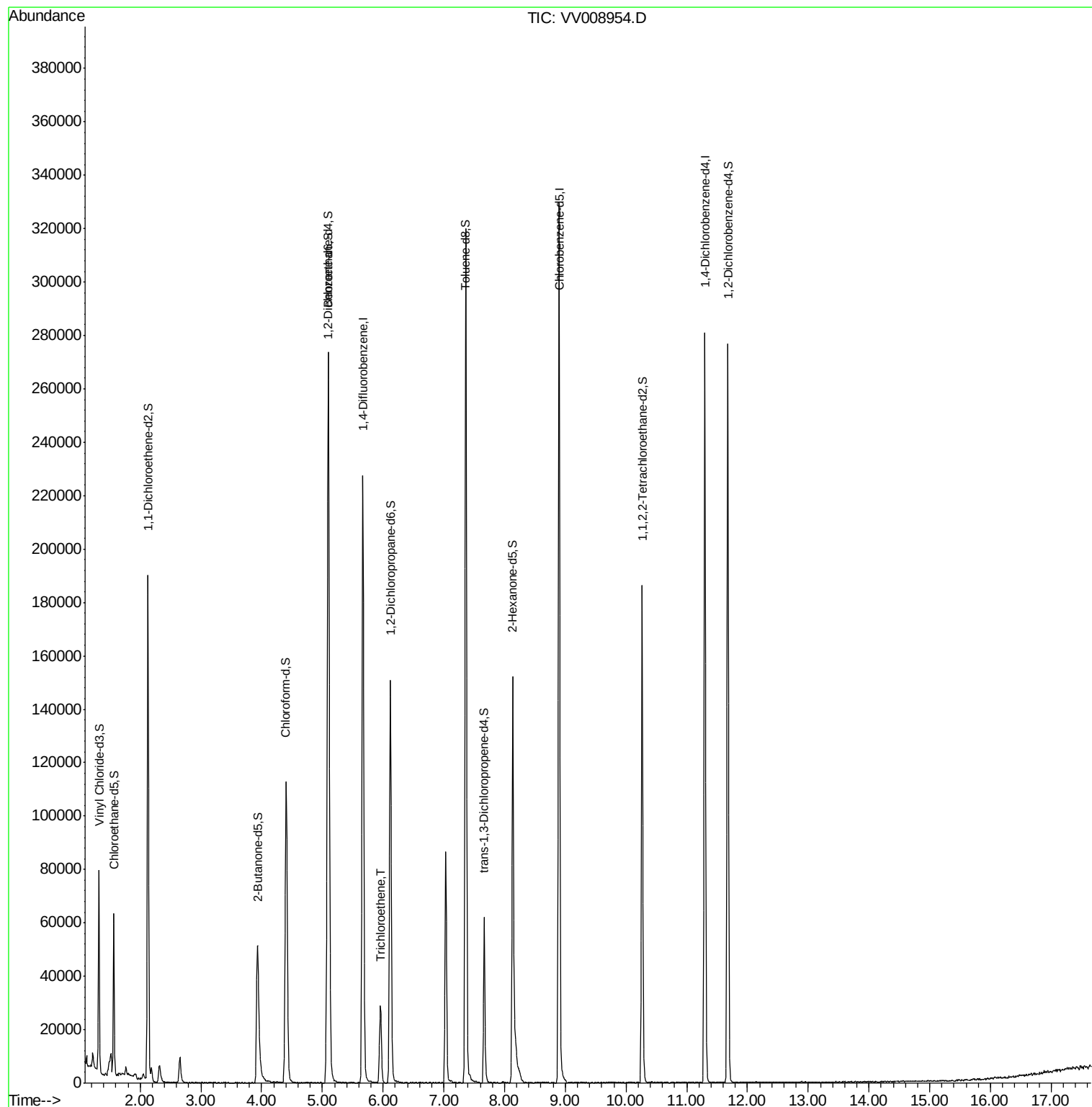
| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 5.96 | 95 | 6431 | 4.210 ug/L | 98     |

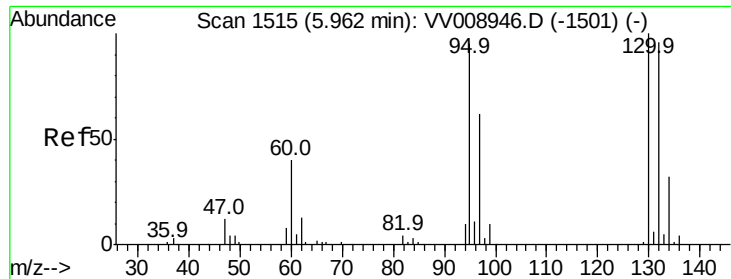
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Sat Dec 15 01:01:00 2018  
Response via : Initial Calibration





#34

Trichloroethene

Concen: 4.210 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008954.D

Acq: 15 Dec 2018 01:04

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0LA9

Tot Ion: 95 Resp: 6431

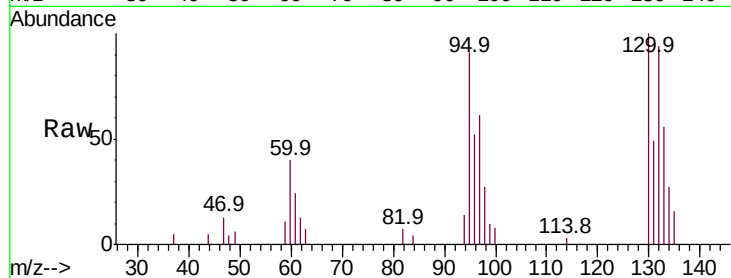
Ion Ratio Lower Upper

95 100

97 67.0 45.7 84.9

132 102.9 72.2 134.2

130 109.3 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

