

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\  
 Data File : VV018337.D  
 Acq On : 18 Sep 2020 21:08  
 Operator : SY/MD  
 Sample : L4066-17  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFWT8

Quant Time: Sep 19 05:29:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 19 05:11:16 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 284679   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 282061   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 136022   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 97520    | 42.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.06% |
| 7) Chloroethane-d5             | 1.58    | 69    | 81757    | 43.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 86.14% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 139663   | 32.82    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.64% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 117934   | 83.05    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 83.05% |
| 24) Chloroform-d               | 4.38    | 84    | 171940   | 42.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.44% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 114587   | 44.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.82% |
| 32) Benzene-d6                 | 5.08    | 84    | 347213   | 43.00    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.00% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 111670   | 43.52    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 87.04% |
| 41) Toluene-d8                 | 7.34    | 98    | 310308   | 42.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.34% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 51384    | 39.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.82% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 79331    | 81.63    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 81.63% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 136442   | 42.37    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.74% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 128906   | 46.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.28% |

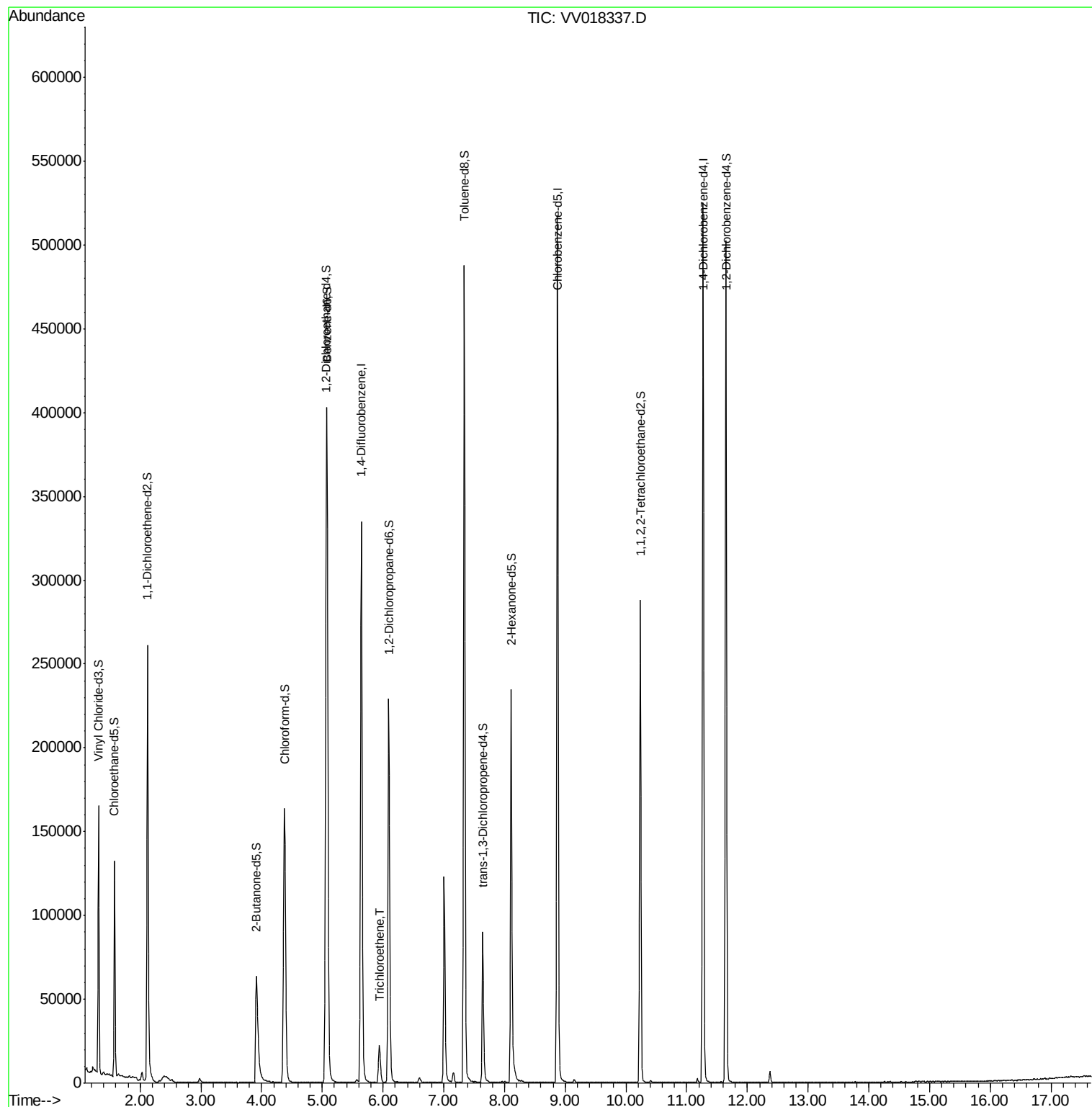
| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 34) Trichloroethene | 5.94 | 95 | 6533 | 2.974 ug/L | 94     |

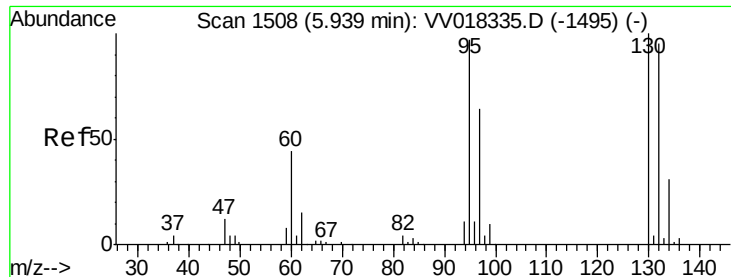
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
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#34

Trichloroethene

Concen: 2.974 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV018337.D

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Instrument :

MSVOA\_V

ClientSampleId :

BFWT8

Tot Ion: 95 Resp: 6533

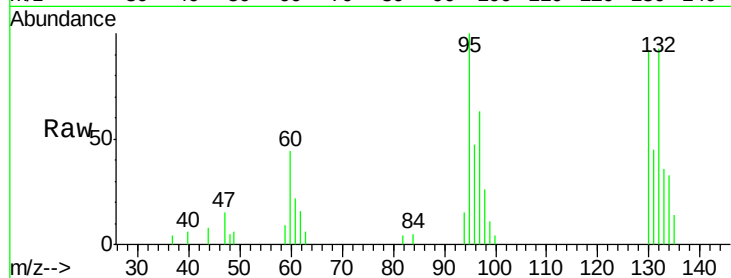
Ion Ratio Lower Upper

95 100

97 62.8 46.3 85.9

132 93.3 68.1 126.5

130 91.9 71.5 132.9



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

