

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\  
 Data File : VV018388.D  
 Acq On : 22 Sep 2020 12:21  
 Operator : SY/MD  
 Sample : L4090-12DL 50X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFWY5DL

Quant Time: Sep 23 06:09:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 23 05:49:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 255314   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 252260   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 120758   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 93059    | 44.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.44%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 79780    | 46.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.72%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 138279   | 36.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.46%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 120040   | 94.26    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 94.26%  |
| 24) Chloroform-d               | 4.38    | 84    | 175789   | 48.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.38%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 115108   | 49.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.48%  |
| 32) Benzene-d6                 | 5.08    | 84    | 346929   | 48.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.08%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 114822   | 50.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.08% |
| 41) Toluene-d8                 | 7.34    | 98    | 302556   | 45.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.94%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 53955    | 46.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.54%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 75899    | 87.33    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.33%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 133708   | 46.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.86%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 129632   | 52.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.54% |

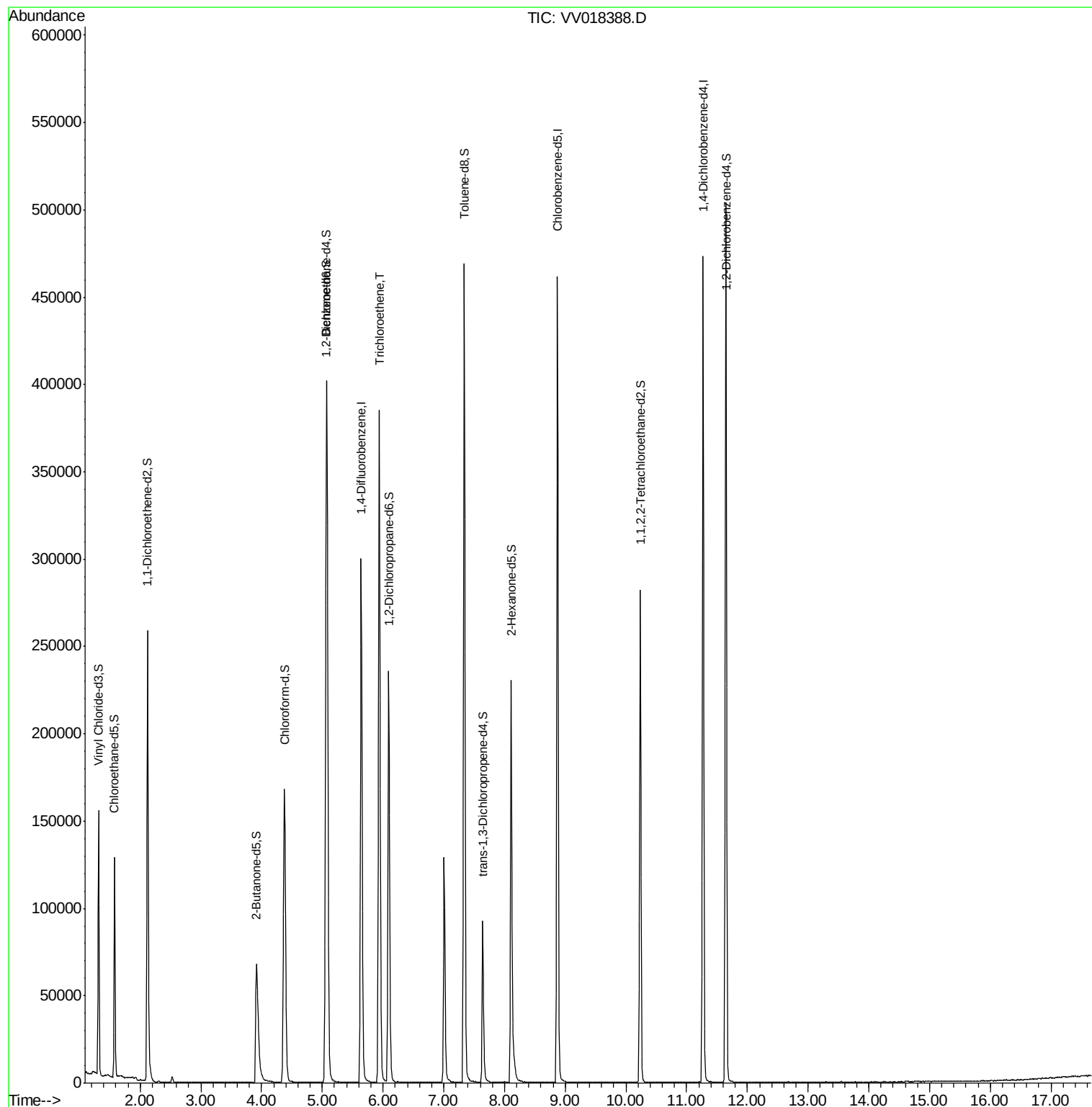
| Target Compounds    |      |    |        |             | Ovalue |
|---------------------|------|----|--------|-------------|--------|
| 34) Trichloroethene | 5.94 | 95 | 133155 | 67.772 ug/L | 99     |

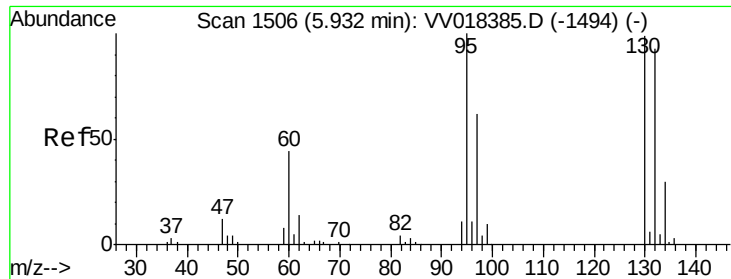
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 67.772 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018388.D

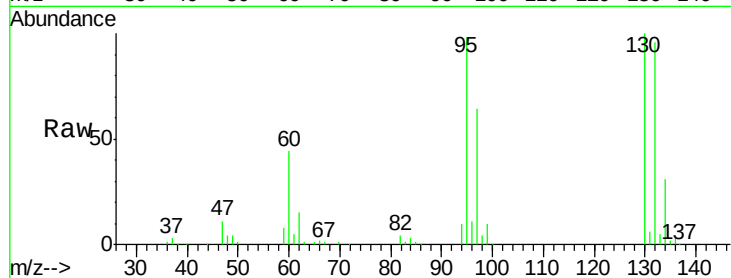
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Instrument :

MSVOA\_V

ClientSampleId :

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Tot Ion: 95 Resp: 133155

Ion Ratio Lower Upper

95 100

97 66.0 46.3 85.9

132 98.6 68.1 126.5

130 102.5 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

