

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100320\  
 Data File : VV018661.D  
 Acq On : 03 Oct 2020 17:44  
 Operator : SY/MD  
 Sample : L4237-03  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0AB8

Quant Time: Oct 05 05:36:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 05 04:50:26 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 229619   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 232772   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 109918   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 80230    | 59.58    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 119.16%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 77792    | 69.86    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 139.72%# |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 135712   | 49.46    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 98.92%   |
| 21) 2-Butanone-d5              | 3.92    | 46    | 110682   | 110.19   | ug/L | 0.01     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 110.19%  |
| 24) Chloroform-d               | 4.38    | 84    | 174951   | 60.08    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 120.16%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 121152   | 65.54    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 131.08%# |
| 32) Benzene-d6                 | 5.08    | 84    | 335628   | 56.92    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 113.84%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 106544   | 59.81    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 119.62%  |
| 41) Toluene-d8                 | 7.34    | 98    | 308910   | 55.69    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 111.38%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 52183    | 54.22    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 108.44%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 60762    | 89.80    | ug/L | 0.00     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 89.80%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23   | 84    | 119903   | 50.77    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 101.54%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 136457   | 64.55    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 129.10%# |

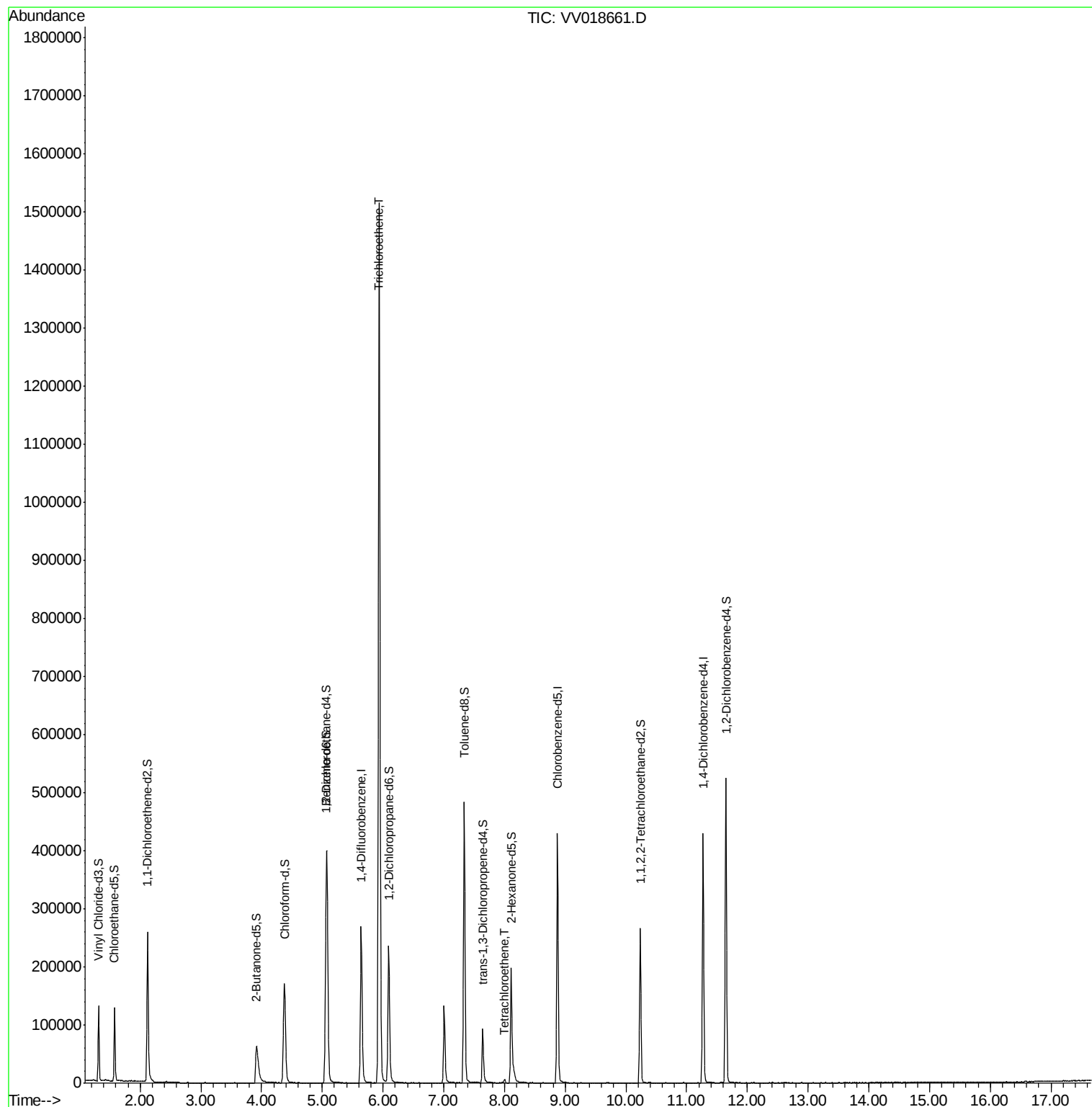
| Target Compounds      |      |     |        |              | Ovalue |
|-----------------------|------|-----|--------|--------------|--------|
| 34) Trichloroethene   | 5.94 | 95  | 500414 | 252.055 ug/L | 99     |
| 46) Tetrachloroethene | 8.00 | 164 | 1117   | 0.694 ug/L   | 93     |

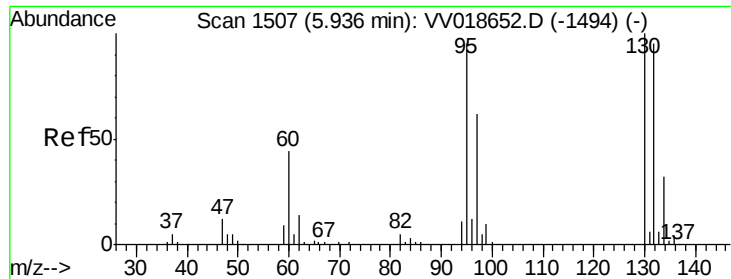
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Mon Oct 05 04:50:26 2020  
Response via : Initial Calibration





#34

Trichloroethene

Concen: 252.055 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018661.D

Acq: 03 Oct 2020 17:44

Instrument :

MSVOA\_V

ClientSampleId :

E0AB8

Tot Ion: 95 Resp: 500414

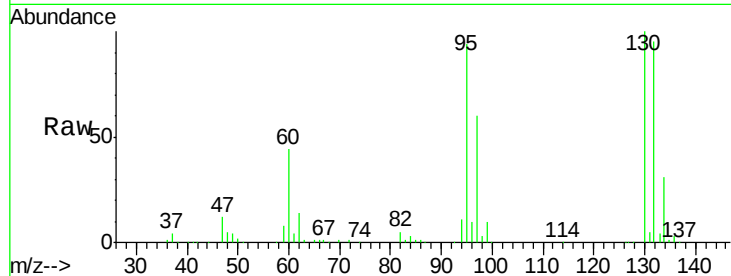
Ion Ratio Lower Upper

95 100

97 64.3 45.9 85.3

132 101.1 70.8 131.4

130 106.5 75.3 139.8

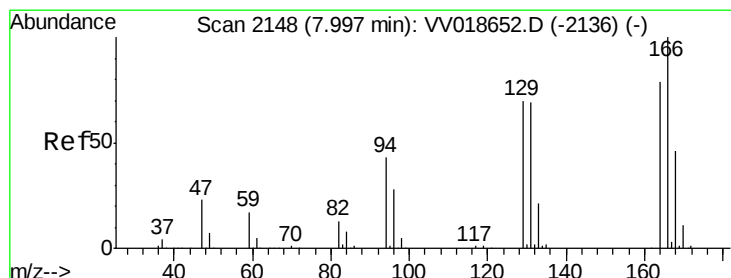
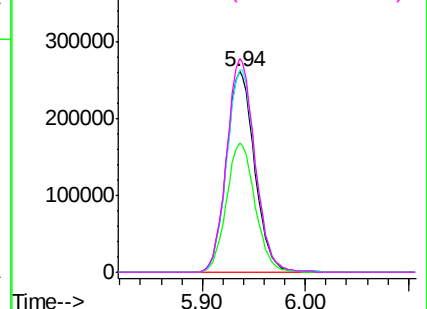
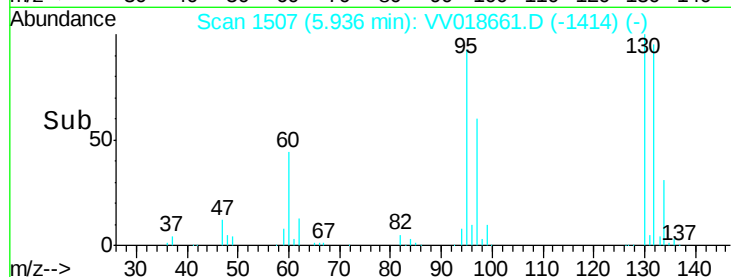


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#46

Tetrachloroethene

Concen: 0.694 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018661.D

Acq: 03 Oct 2020 17:44

Tgt Ion: 164 Resp: 1117

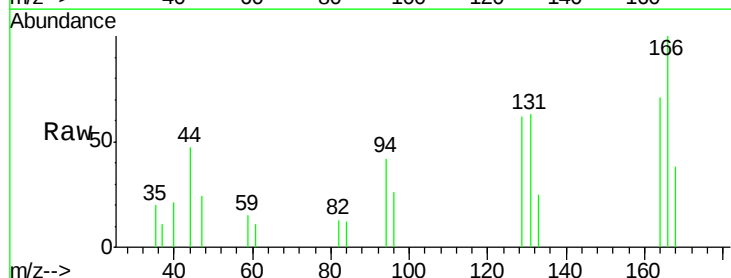
Ion Ratio Lower Upper

164 100

129 87.4 62.8 116.6

131 89.1 60.8 112.8

166 140.9 88.9 165.1



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

