

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\  
 Data File : VV014886.D  
 Acq On : 12 Mar 2020 22:41  
 Operator : SY/MD  
 Sample : L1890-02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 13 04:13:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM030620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 13 04:10:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 375857   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 358901   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 172037   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 99786    | 39.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 78.46%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 81591    | 40.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 81.16%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 130045   | 30.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.54%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 129751   | 68.40    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 68.40%  |
| 24) Chloroform-d               | 4.38    | 84    | 225902   | 46.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 150251   | 45.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.86%  |
| 32) Benzene-d6                 | 5.08    | 84    | 456209   | 48.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.28%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 141704   | 45.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 90.22%  |
| 41) Toluene-d8                 | 7.34    | 98    | 430565   | 46.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.78%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 59656    | 38.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.80%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 135107   | 96.88    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.88%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 200053   | 46.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 177220   | 51.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.94% |

## Target Compounds

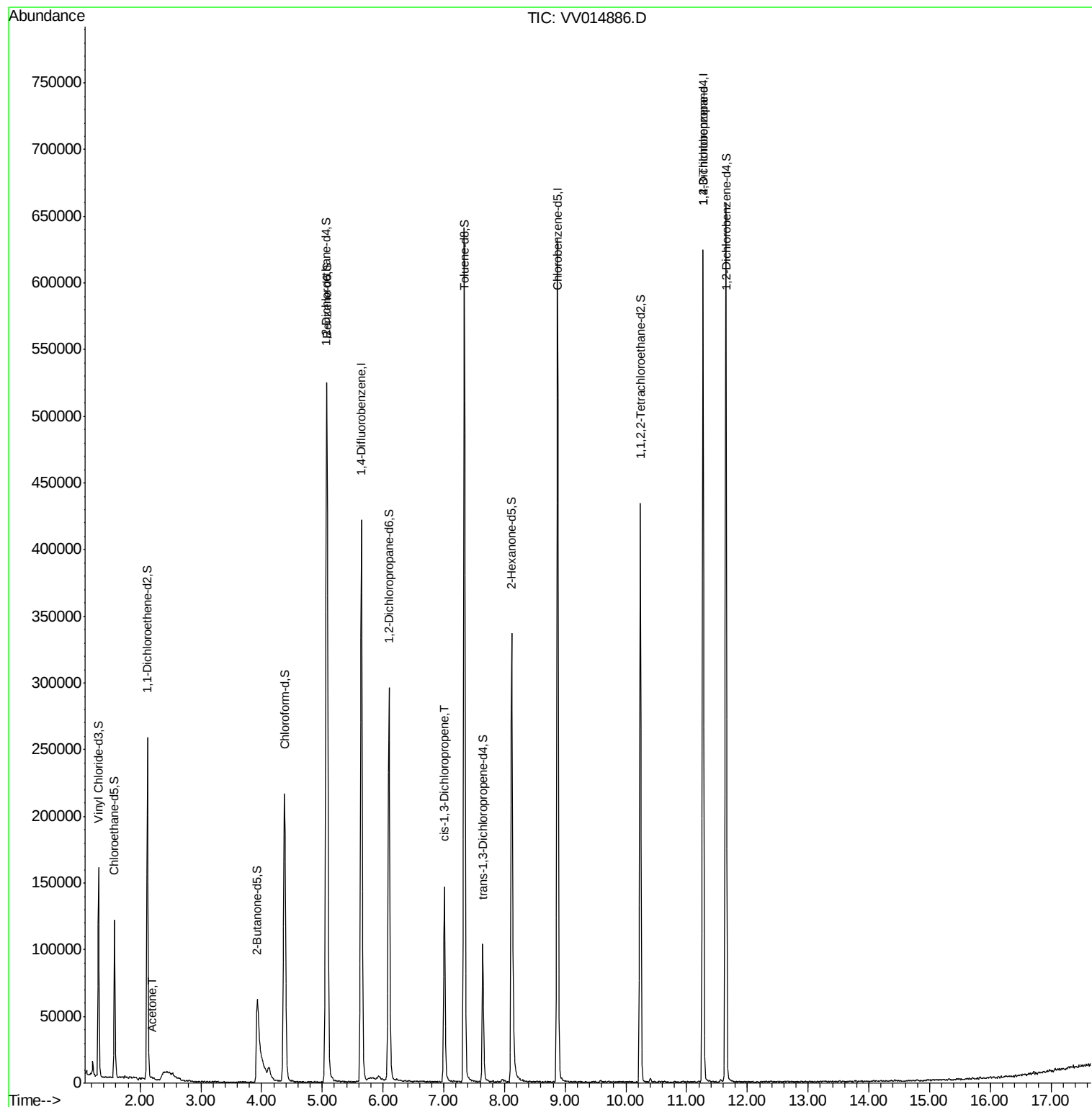
|                             |       |    |       |              | Ovalue |
|-----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                 | 2.20  | 43 | 1726  | 1.090 ug/L   | 87     |
| 39) cis-1,3-Dichloropropene | 7.01  | 75 | 3780  | 0.858 ug/L # | 73     |
| 59) 1,2,3-Trichloropropane  | 11.27 | 75 | 17230 | 4.802 ug/L # | 88     |

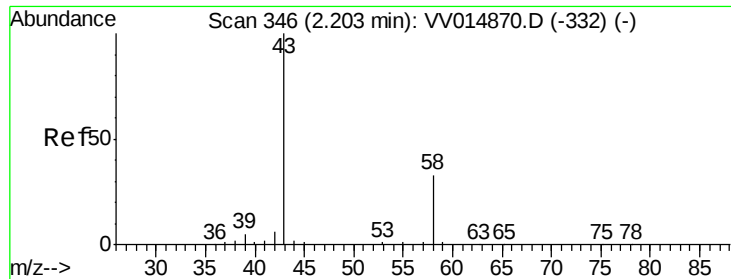
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 04:10:22 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 1.090 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV014886.D

Acq: 12 Mar 2020 22:41

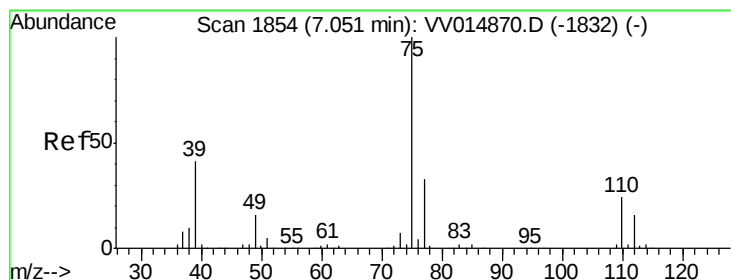
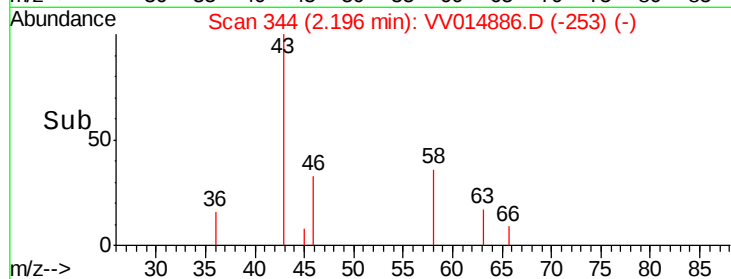
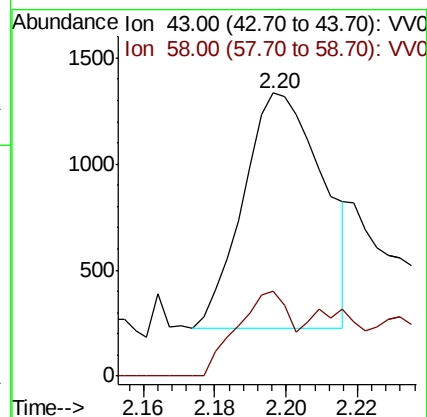
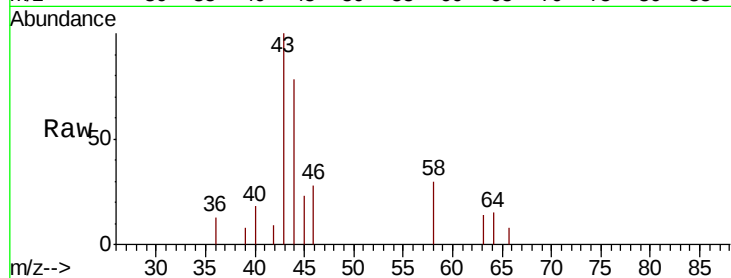
Instrument :  
MSVOA\_V  
ClientSampled :

Tot Ion: 43 Resp: 1726

Ion Ratio Lower Upper

43 100

58 24.2 0.0 62.2



#39

cis-1,3-Dichloropropene

Concen: 0.858 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV014886.D

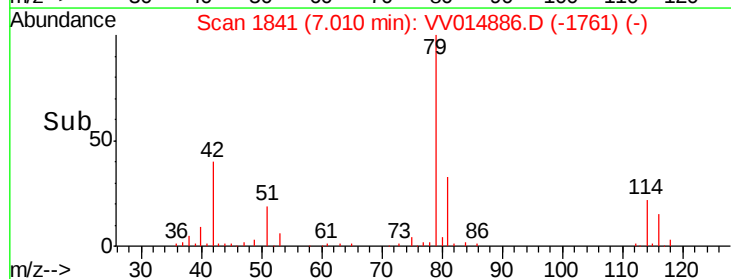
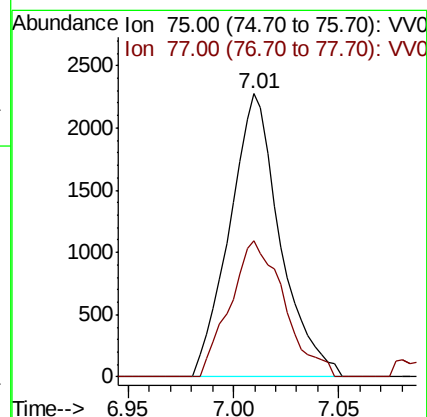
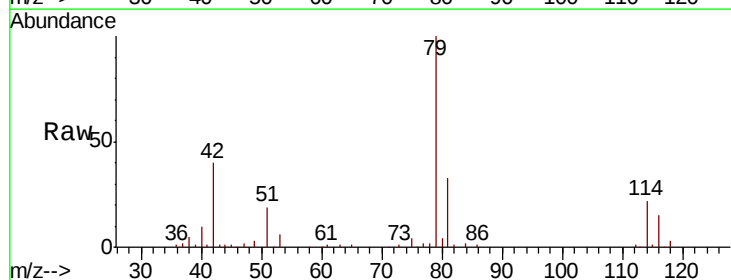
Acq: 12 Mar 2020 22:41

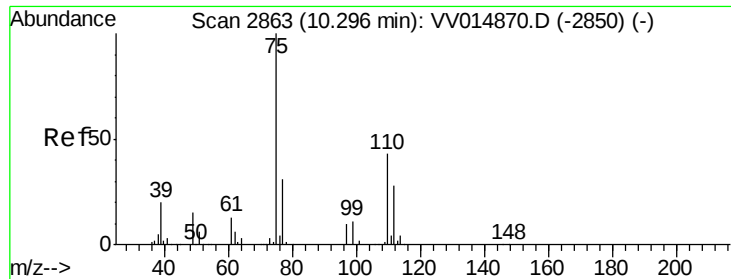
Tgt Ion: 75 Resp: 3780

Ion Ratio Lower Upper

75 100

77 48.0 22.8 42.4#





#59

1,2,3-Trichloropropane

Concen: 4.802 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV014886.D

Acq: 12 Mar 2020 22:41

Instrument :

MSVOA\_V

ClientSampleId :

Tot Ion: 75 Resp: 17230

Ion Ratio Lower Upper

75 100

77 38.7 25.6 38.4#

