

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\  
 Data File : VV016595.D  
 Acq On : 06 Jun 2020 17:15  
 Operator : SY/MD  
 Sample : L2895-16  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW0L4

Quant Time: Jun 06 23:50:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060320WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 06 23:47:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 370139   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 344100   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 163239   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 89932    | 34.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 68.60%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 68034    | 35.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 71.90%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 132035   | 28.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 56.82%# |
| 21) 2-Butanone-d5              | 3.89    | 46    | 177775   | 106.05   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 106.05% |
| 24) Chloroform-d               | 4.37    | 84    | 218515   | 44.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.82%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 155787   | 47.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.58%  |
| 32) Benzene-d6                 | 5.07    | 84    | 431699   | 46.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.66%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 140049   | 48.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.52%  |
| 41) Toluene-d8                 | 7.34    | 98    | 387169   | 46.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.50%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 62677    | 44.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.56%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 131918   | 107.25   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 107.25% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 187193   | 48.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.12%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 161011   | 52.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.98% |

## Target Compounds

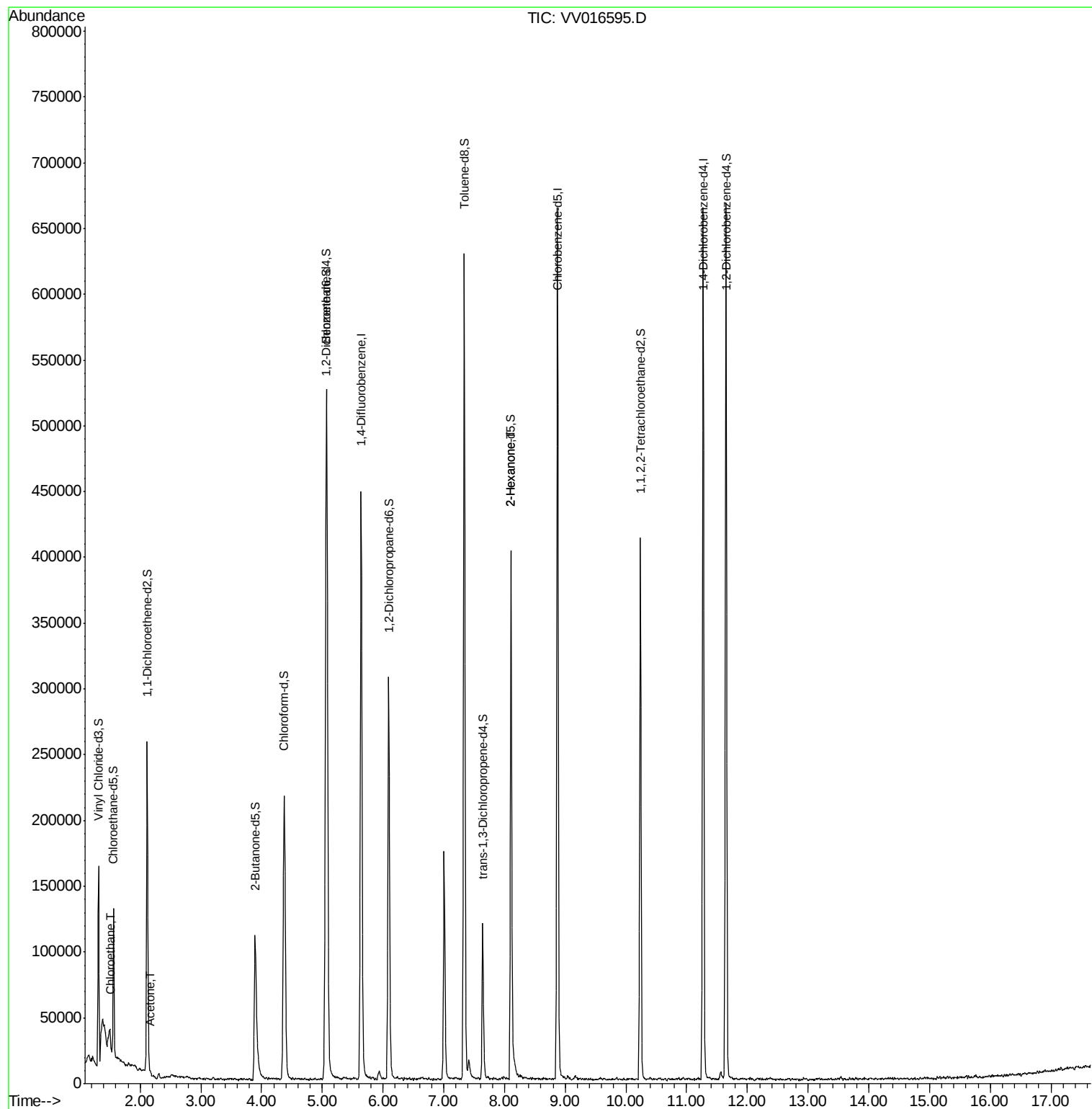
|                 |      |    |       |              | Ovalue |
|-----------------|------|----|-------|--------------|--------|
| 8) Chloroethane | 1.52 | 64 | 2098  | 1.317 ug/L # | 55     |
| 13) Acetone     | 2.17 | 43 | 1985  | 1.267 ug/L   | 49     |
| 48) 2-Hexanone  | 8.11 | 43 | 16291 | 5.774 ug/L # | 72     |

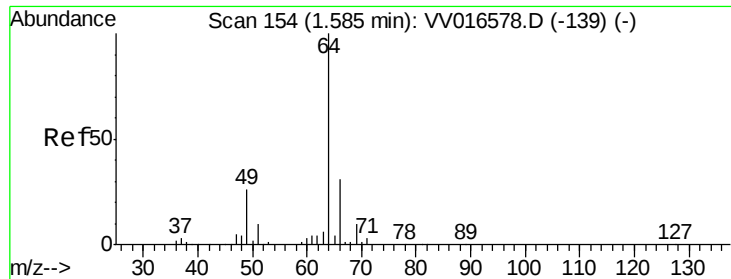
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.317 ug/L

RT: 1.52 min Scan# 134

Delta R.T. -0.06 min

Lab File: VV016595.D

Acq: 06 Jun 2020 17:15

Instrument :

MSVOA\_V

ClientSampleId :

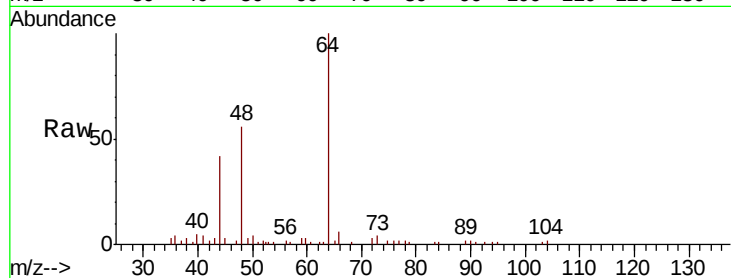
EW0L4

Tot Ion: 64 Resp: 2098

Ion Ratio Lower Upper

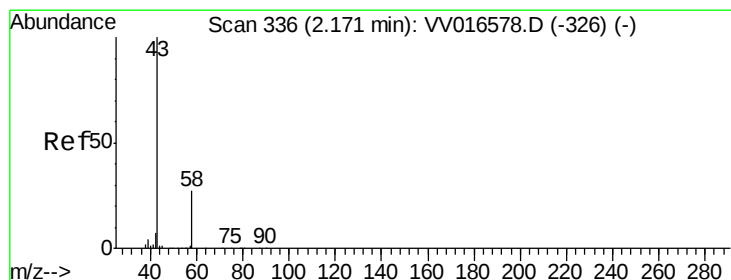
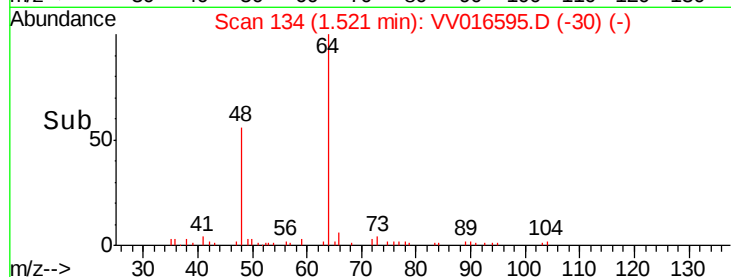
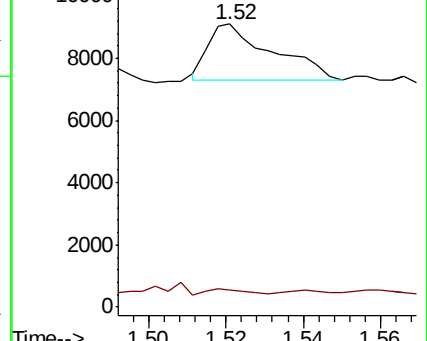
64 100

66 6.1 21.4 39.8#



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0



#13

Acetone

Concen: 1.267 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016595.D

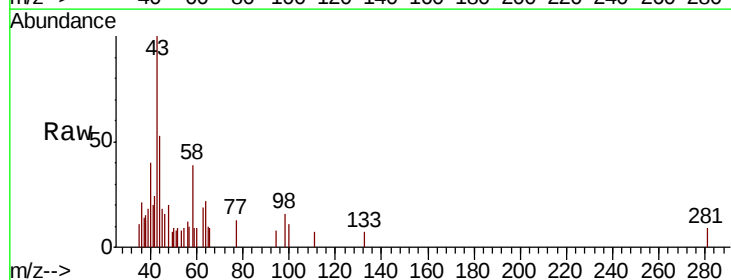
Acq: 06 Jun 2020 17:15

Tgt Ion: 43 Resp: 1985

Ion Ratio Lower Upper

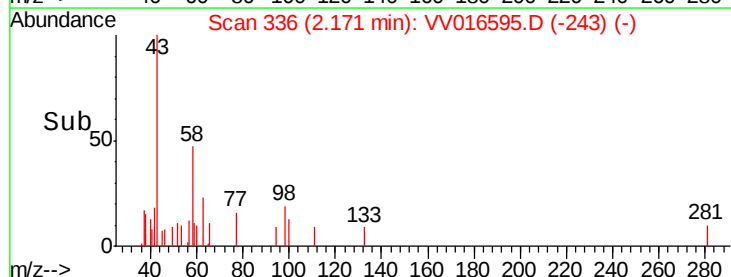
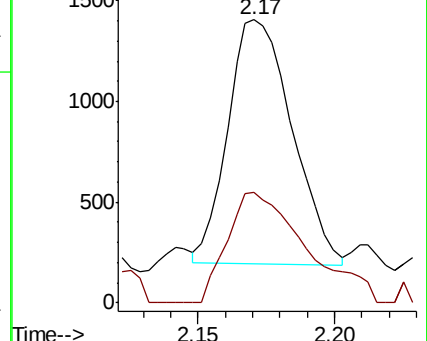
43 100

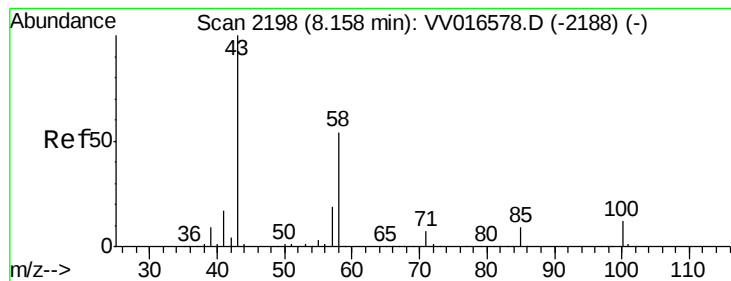
58 55.5 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#48  
 2-Hexanone  
 Concen: 5.774 ug/L  
 RT: 8.11 min Scan# 2182  
 Delta R.T. -0.05 min  
 Lab File: VV016595.D  
 Acq: 06 Jun 2020 17:15

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW0L4

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 16291 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 29.8  | 42.7  | 64.1# |
| 57       | 23.3  | 14.5  | 21.7# |
| 100      | 0.6   | 9.4   | 14.2# |

