

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\  
 Data File : VV016726.D  
 Acq On : 09 Jun 2020 18:48  
 Operator : SY/MD  
 Sample : L2901-23  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTS4

Quant Time: Jun 10 04:15:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 10 03:42:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 355667   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 332232   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 161275   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 85815    | 34.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 68.38%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 60389    | 40.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 80.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 115257   | 27.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 54.70%# |
| 21) 2-Butanone-d5              | 3.89    | 46    | 177783   | 95.71    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.71%  |
| 24) Chloroform-d               | 4.37    | 84    | 207776   | 40.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.44%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 151457   | 43.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.26%  |
| 32) Benzene-d6                 | 5.07    | 84    | 392154   | 40.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.90%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 127827   | 42.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 85.64%  |
| 41) Toluene-d8                 | 7.34    | 98    | 356837   | 40.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 81.20%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 61405    | 39.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.98%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 114110   | 87.68    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 87.68%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 181295   | 45.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.74%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 160608   | 46.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.32%  |

## Target Compounds

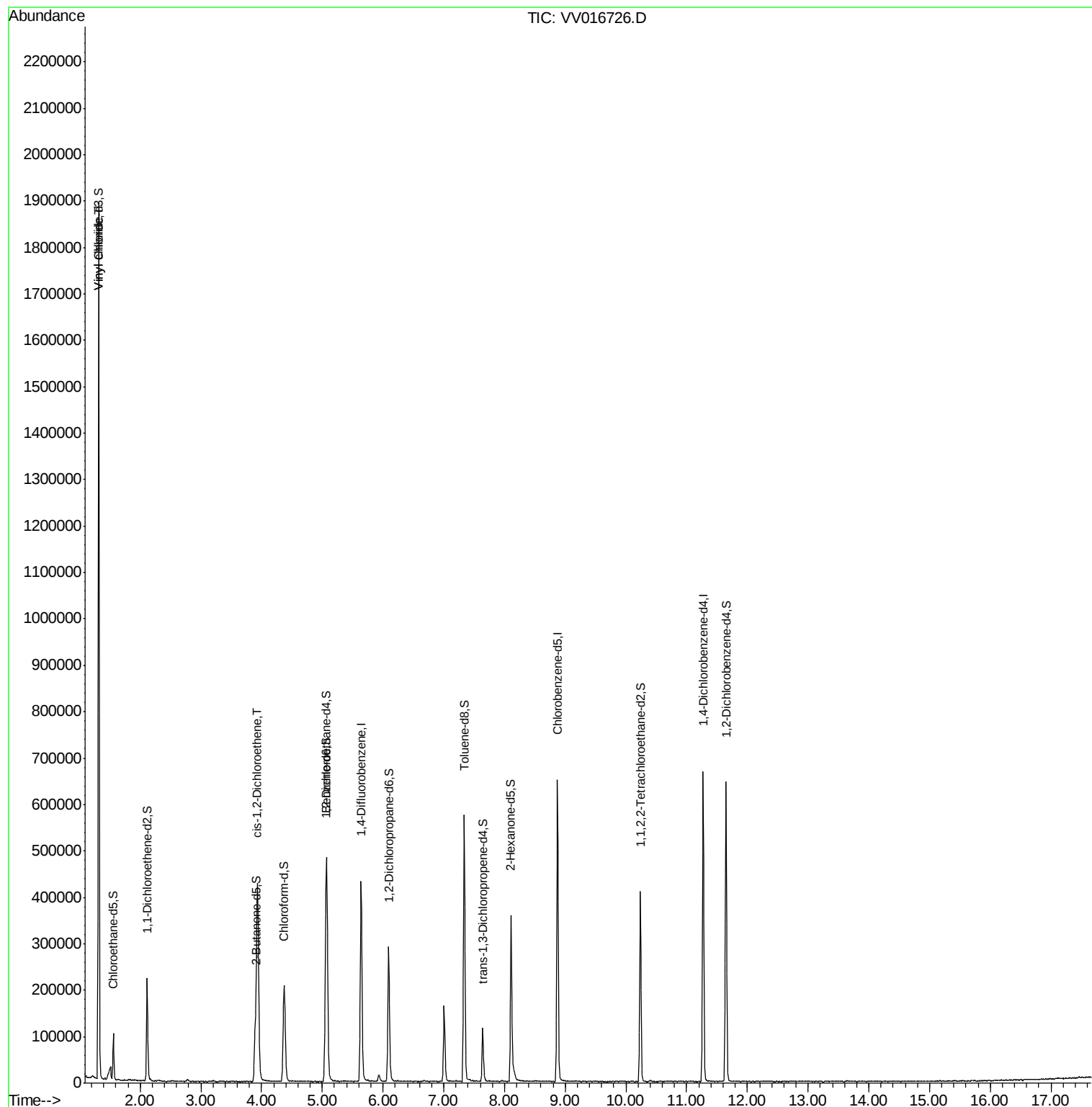
|                            |      |    |         |         | Ovalue   |
|----------------------------|------|----|---------|---------|----------|
| 5) Vinyl chloride          | 1.32 | 62 | 1022806 | 403.340 | ug/L 100 |
| 20) cis-1,2-Dichloroethene | 3.93 | 96 | 226526  | 86.330  | ug/L 99  |

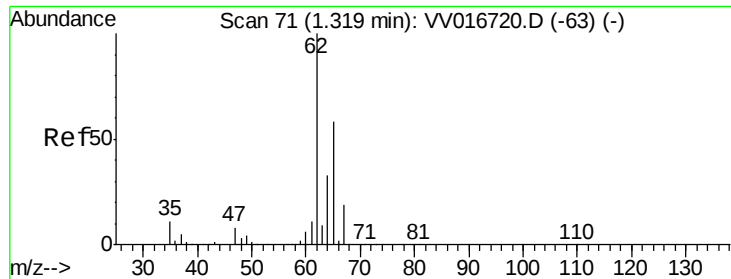
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_V  
ClientSampleId :  
ETTS4

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Quant Title : VOC Analysis  
QLast Update : Wed Jun 10 03:42:58 2020  
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 403.340 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016726.D

Acq: 09 Jun 2020 18:48

Instrument :

MSVOA\_V

ClientSampled :

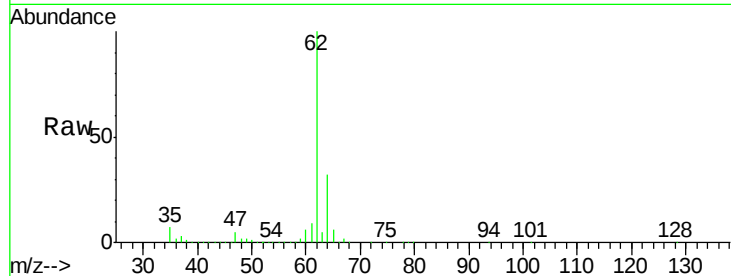
ETTS4

Tot Ion: 62 Resp: 1022806

Ion Ratio Lower Upper

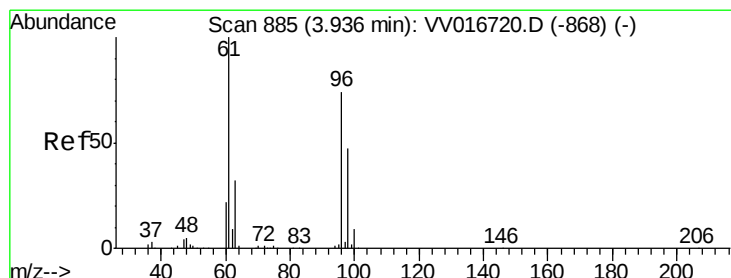
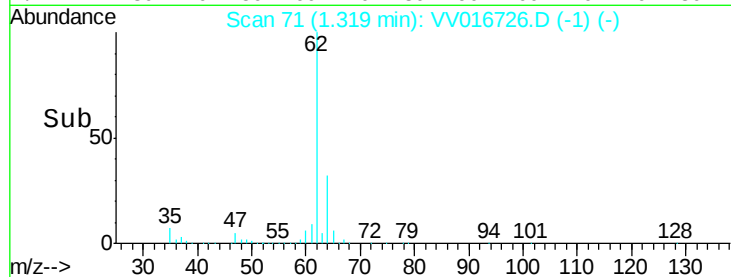
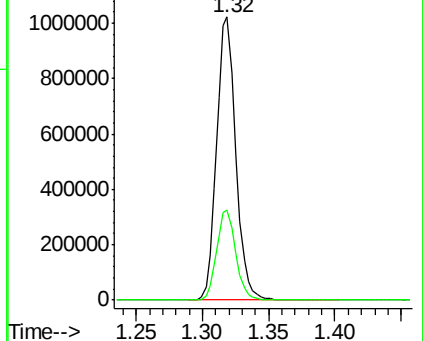
62 100

64 32.0 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 86.330 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV016726.D

Acq: 09 Jun 2020 18:48

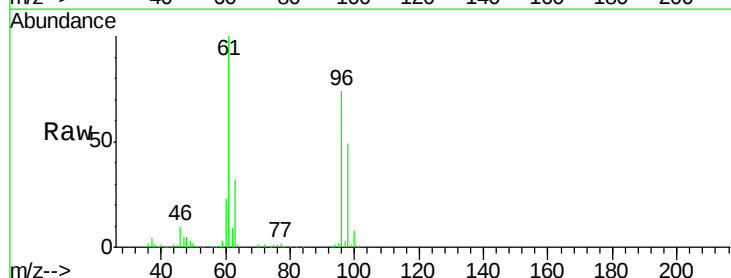
Tgt Ion: 96 Resp: 226526

Ion Ratio Lower Upper

96 100

61 135.0 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

