

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\  
 Data File : VV017219.D  
 Acq On : 27 Jun 2020 06:58  
 Operator : SY/MD  
 Sample : L3133-07  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9Q29

Quant Time: Jun 27 07:23:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 27 03:31:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 347287   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 324704   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 152636   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 88445    | 36.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 72.18% |
| 7) Chloroethane-d5             | 1.58    | 69    | 60468    | 41.12    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.24% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 142377   | 34.60    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.20% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 148853   | 82.07    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 82.07% |
| 24) Chloroform-d               | 4.38    | 84    | 216136   | 43.38    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.76% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 159183   | 46.97    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.94% |
| 32) Benzene-d6                 | 5.08    | 84    | 404860   | 43.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.50% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 122072   | 41.84    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 83.68% |
| 41) Toluene-d8                 | 7.34    | 98    | 368041   | 42.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.70% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 60504    | 39.82    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.64% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 96961    | 76.23    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 76.23% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 160753   | 41.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 83.24% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 149366   | 45.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.70% |

## Target Compounds

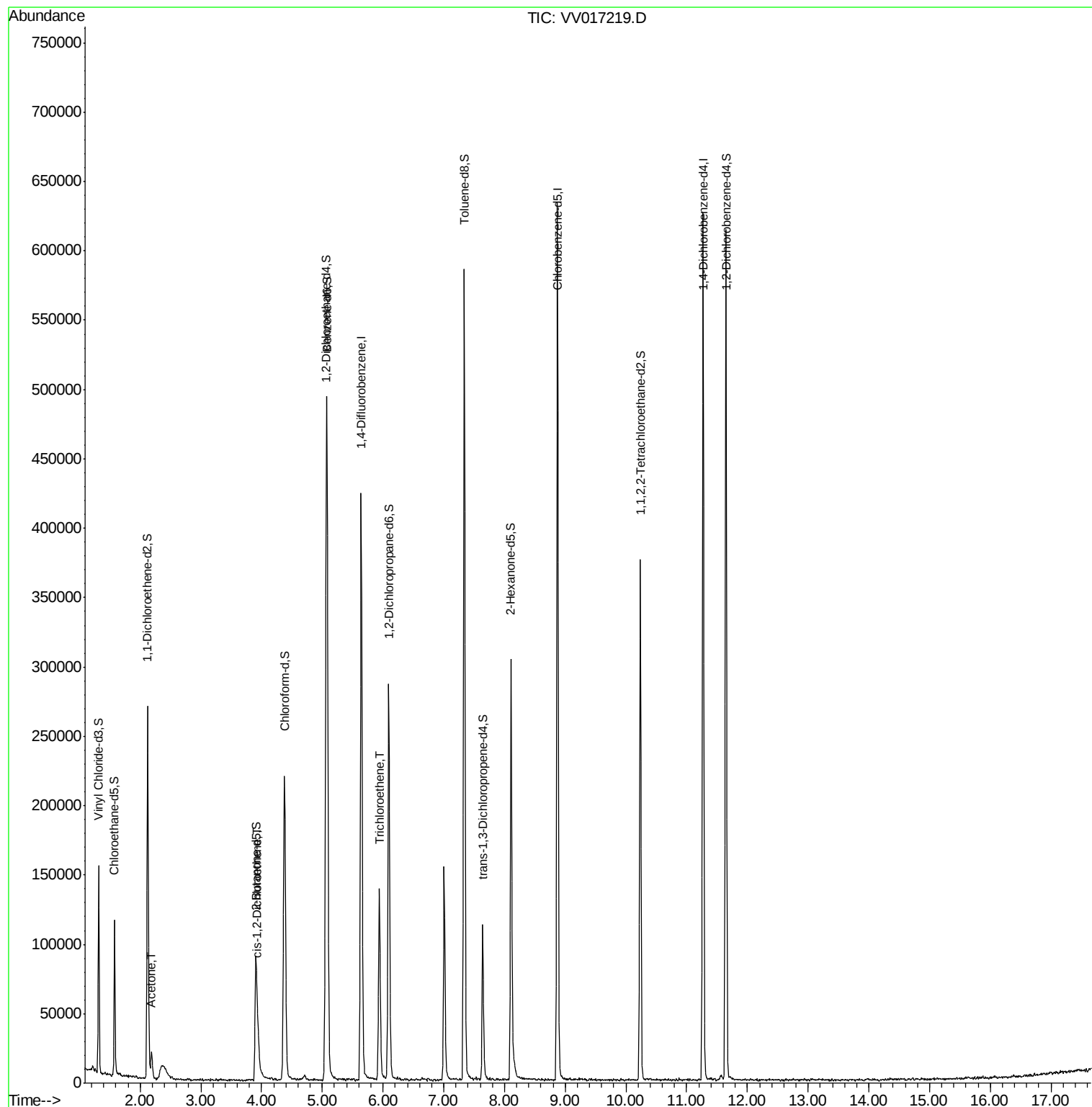
|                            |      |    |       |             | Ovalue |
|----------------------------|------|----|-------|-------------|--------|
| 13) Acetone                | 2.19 | 43 | 23087 | 19.319 ug/L | 98     |
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 8547  | 3.336 ug/L  | 98     |
| 34) Trichloroethene        | 5.94 | 95 | 44805 | 17.389 ug/L | 100    |

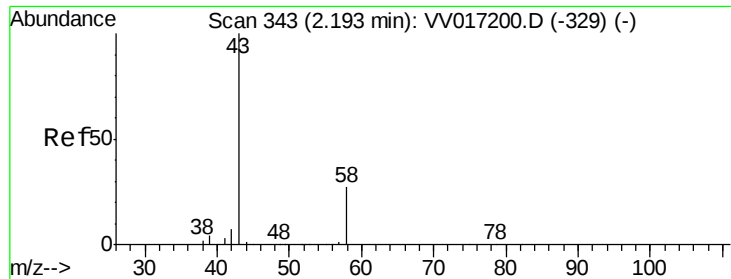
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 19.319 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV017219.D

Acq: 27 Jun 2020 06:58

Instrument :

MSVOA\_V

ClientSampleId :

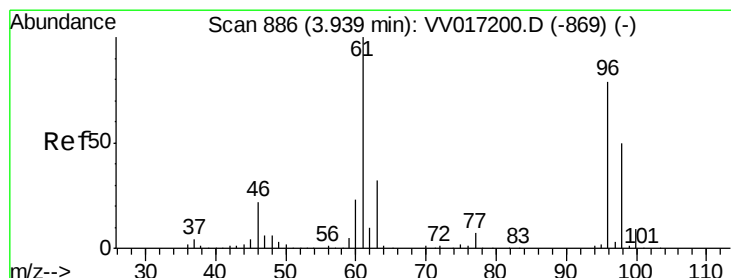
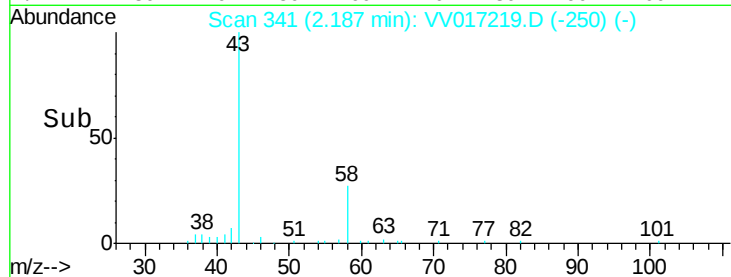
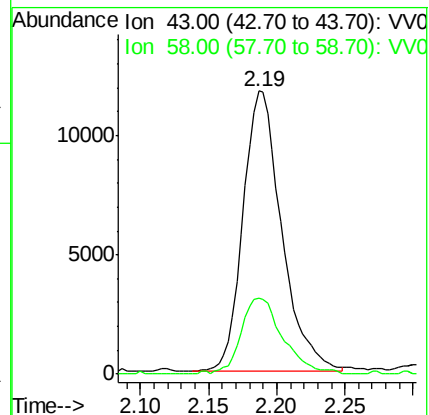
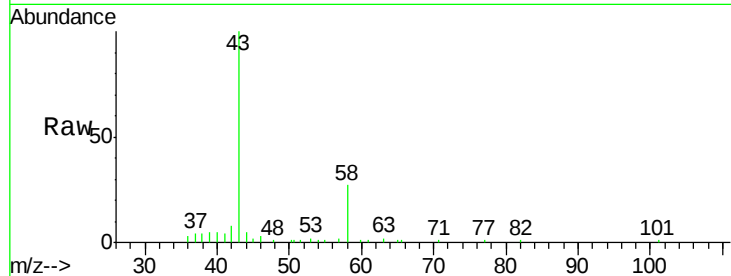
F9Q29

Tot Ion: 43 Resp: 23087

Ion Ratio Lower Upper

43 100

58 28.8 0.0 55.2



#20

cis-1,2-Dichloroethene

Concen: 3.336 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV017219.D

Acq: 27 Jun 2020 06:58

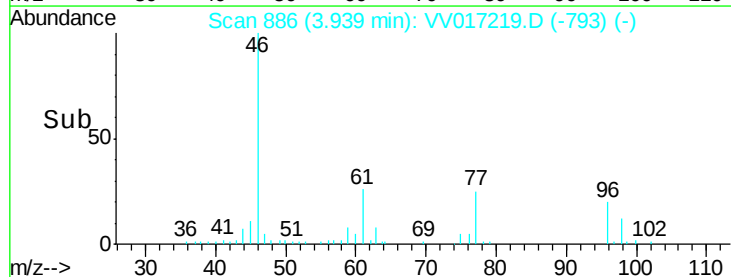
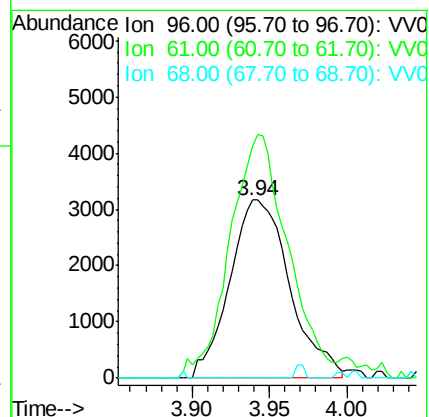
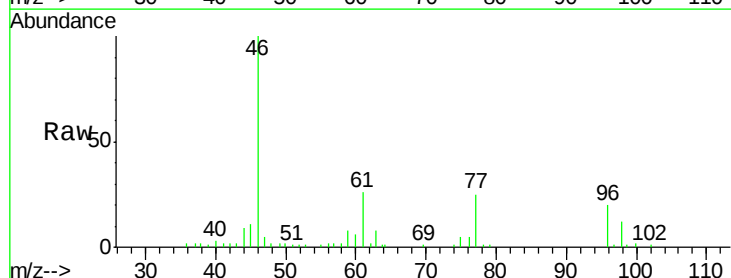
Tgt Ion: 96 Resp: 8547

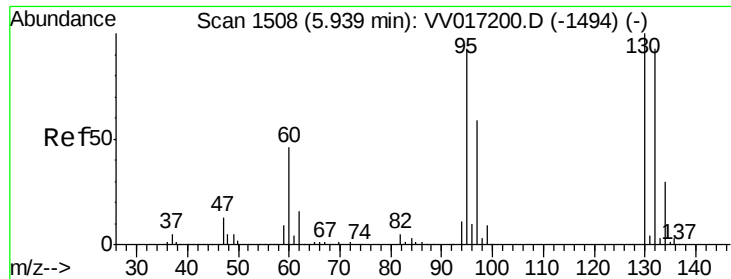
Ion Ratio Lower Upper

96 100

61 130.5 93.4 173.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 17.389 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV017219.D

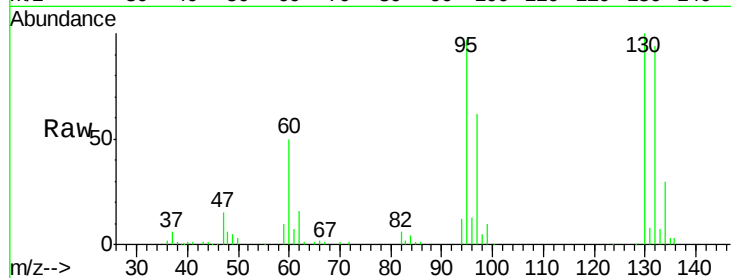
Acq: 27 Jun 2020 06:58

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Tot Ion: 95 Resp: 44805

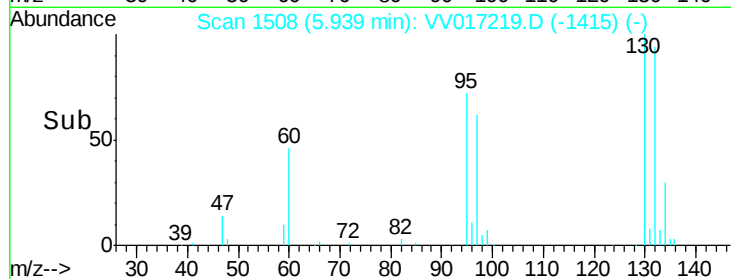
Ion Ratio Lower Upper

95 100

97 63.8 44.3 82.3

132 96.7 67.9 126.1

130 103.3 72.2 134.2



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

