

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\  
 Data File : VV017214.D  
 Acq On : 27 Jun 2020 05:02  
 Operator : SY/MD  
 Sample : L3133-02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9Q24

Quant Time: Jun 27 05:32:18 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  | 349646   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 332281   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 155823   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 90850    | 36.82    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 73.64% |
| 7) Chloroethane-d5             | 1.58    | 69    | 60766    | 41.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.10% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 142724   | 34.45    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.90% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 141609   | 77.55    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 77.55% |
| 24) Chloroform-d               | 4.38    | 84    | 214236   | 42.70    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.40% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 156213   | 45.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.56% |
| 32) Benzene-d6                 | 5.08    | 84    | 399651   | 41.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.44% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 120792   | 40.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 80.92% |
| 41) Toluene-d8                 | 7.34    | 98    | 363878   | 41.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 82.80% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 60339    | 38.80    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.60% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 95699    | 73.52    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 73.52% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 160228   | 40.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 81.08% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 150812   | 45.35    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.70% |

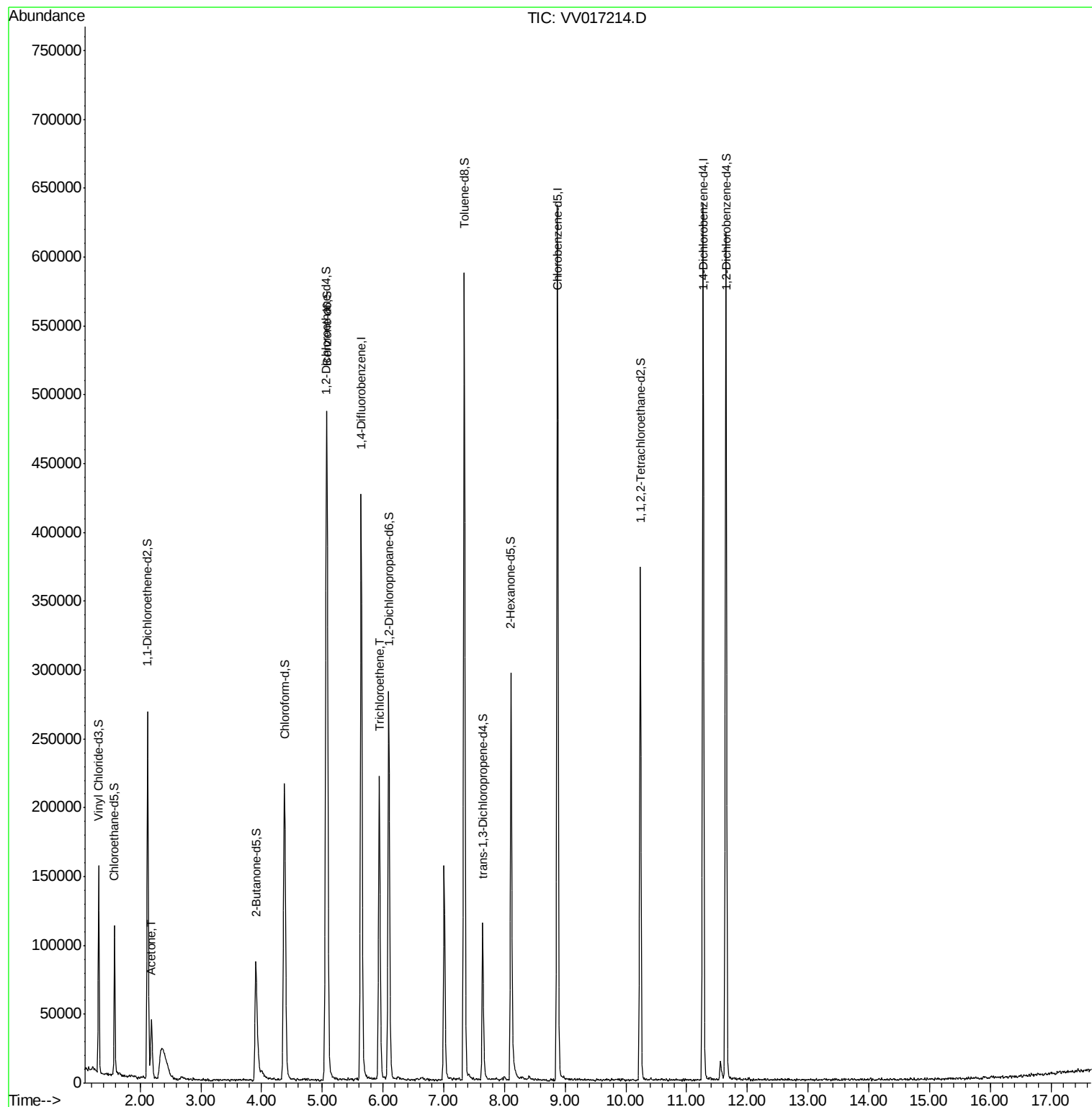
| Target Compounds    |      |    |       |             | Ovalue |
|---------------------|------|----|-------|-------------|--------|
| 13) Acetone         | 2.19 | 43 | 51342 | 42.673 ug/L | 100    |
| 34) Trichloroethene | 5.94 | 95 | 72715 | 27.578 ug/L | 98     |

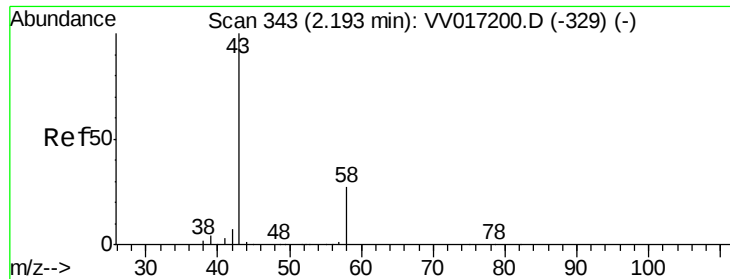
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 39 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F9Q24

Quant Time: Jun 27 05:32:18 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jun 27 03:31:05 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 42.673 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV017214.D

Acq: 27 Jun 2020 05:02

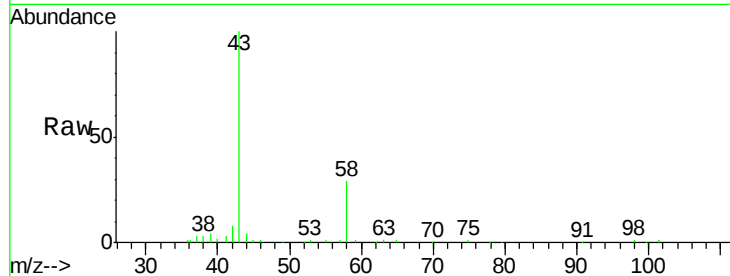
Instrument :  
MSVOA\_V  
ClientSampleId :  
F9Q24

Tot Ion: 43 Resp: 51342

Ion Ratio Lower Upper

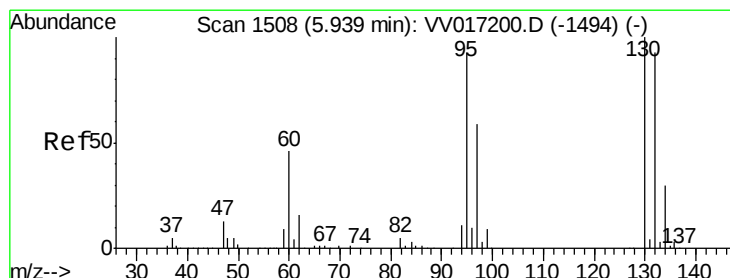
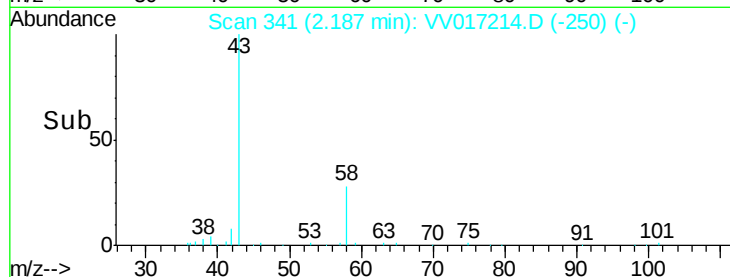
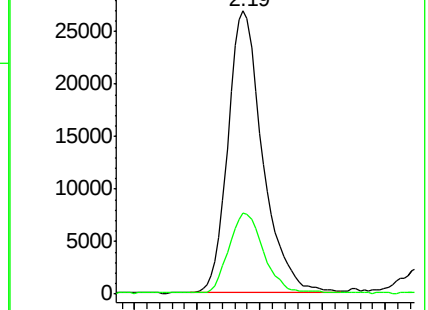
43 100

58 27.7 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017200.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017200.D (-329) (-)



#34

Trichloroethene

Concen: 27.578 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV017214.D

Acq: 27 Jun 2020 05:02

Tgt Ion: 95 Resp: 72715

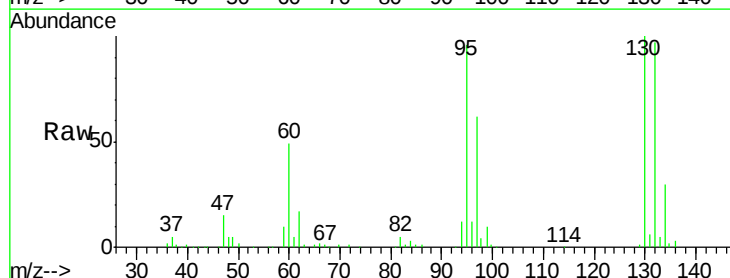
Ion Ratio Lower Upper

95 100

97 64.0 44.3 82.3

132 100.3 67.9 126.1

130 103.7 72.2 134.2



Abundance Ion 95.00 (94.70 to 95.70): VV017200.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017200.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017200.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017200.D (-1494) (-)

