

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\  
 Data File : VV017238.D  
 Acq On : 29 Jun 2020 14:06  
 Operator : SY/MD  
 Sample : L3135-04  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9Q49

Quant Time: Jun 30 08:25:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 30 07:40:27 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 341945   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 324254   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 152157   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 87818    | 36.40    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 72.80% |
| 7) Chloroethane-d5             | 1.58    | 69    | 64516    | 44.56    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.12% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 145235   | 35.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.70% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 156476   | 87.62    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 87.62% |
| 24) Chloroform-d               | 4.38    | 84    | 222463   | 45.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.68% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 164133   | 49.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.36% |
| 32) Benzene-d6                 | 5.08    | 84    | 417387   | 44.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.30% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 126325   | 43.36    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 86.72% |
| 41) Toluene-d8                 | 7.34    | 98    | 376223   | 43.86    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.72% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 66416    | 43.77    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.54% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 102029   | 80.32    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 80.32% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 169790   | 44.02    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.04% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 159860   | 49.23    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.46% |

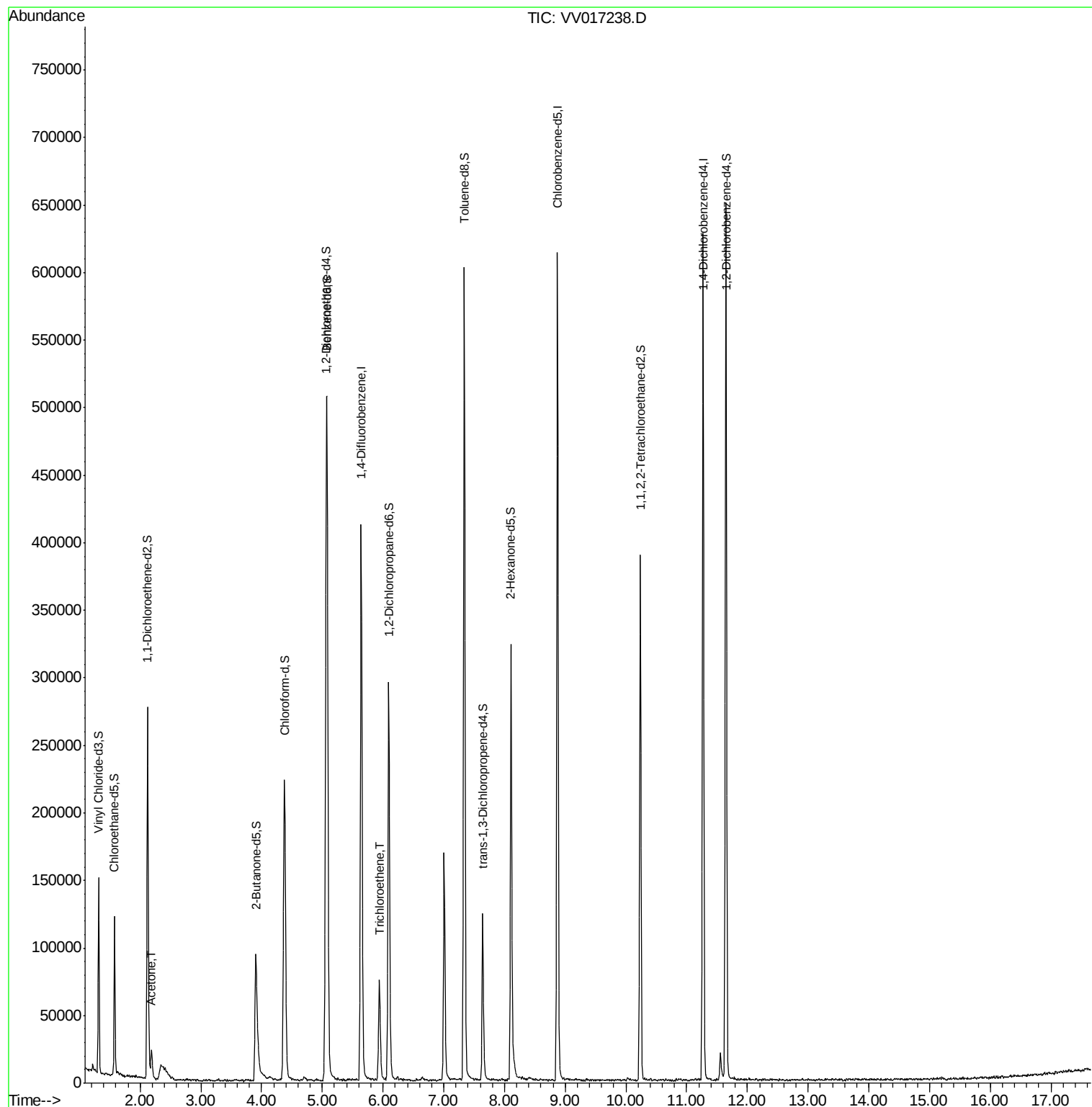
| Target Compounds    |      |    |       |             | Ovalue |
|---------------------|------|----|-------|-------------|--------|
| 13) Acetone         | 2.19 | 43 | 23740 | 20.176 ug/L | 92     |
| 34) Trichloroethene | 5.94 | 95 | 23077 | 8.969 ug/L  | 97     |

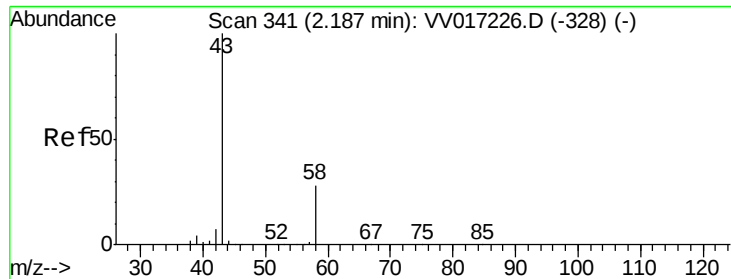
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Jun 30 07:40:27 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 20.176 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017238.D

Acq: 29 Jun 2020 14:06

Instrument :

MSVOA\_V

ClientSampleId :

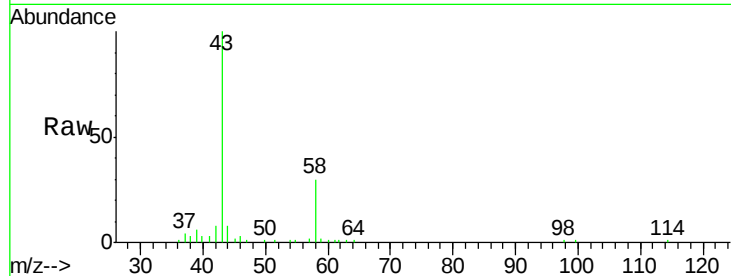
F9Q49

Tot Ion: 43 Resp: 23740

Ion Ratio Lower Upper

43 100

58 31.6 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017226.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV017226.D (-328) (-)

2.19

15000

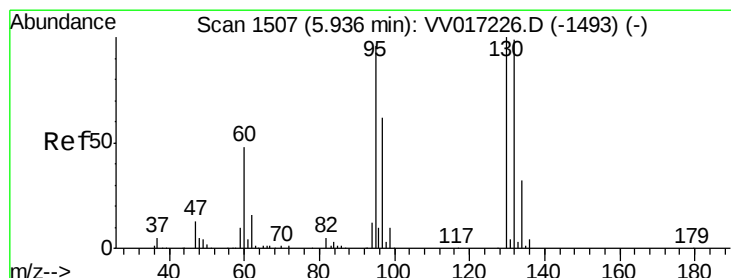
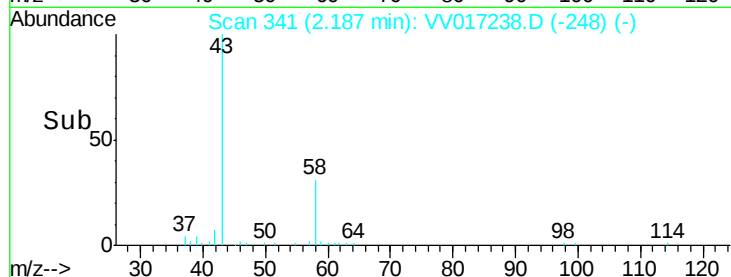
10000

5000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#34

Trichloroethene

Concen: 8.969 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017238.D

Acq: 29 Jun 2020 14:06

Tgt Ion: 95 Resp: 23077

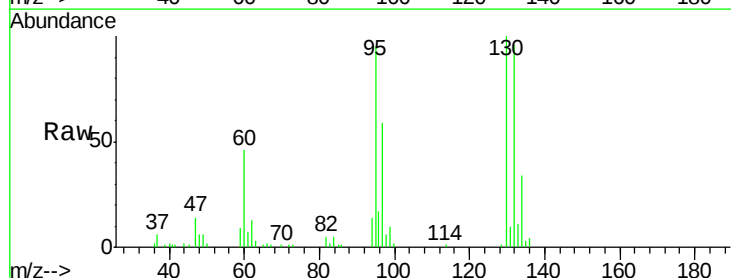
Ion Ratio Lower Upper

95 100

97 62.6 44.3 82.3

132 101.7 67.9 126.1

130 105.8 72.2 134.2



Abundance Ion 95.00 (94.70 to 95.70): VV017226.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV017226.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV017226.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV017226.D (-1493) (-)

15000

10000

5000

0

Time-->

5.90 5.95 6.00

