

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013120\  
 Data File : VU036657.D  
 Acq On : 31 Jan 2020 22:12  
 Operator : JC/MD  
 Sample : L1326-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBCS7

Quant Time: Feb 01 00:38:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM013120WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 01 00:19:17 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 271511   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 250841   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 100928   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 120756   | 48.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.56%  |
| 7) Chloroethane-d5             | 1.92    | 69    | 97635    | 48.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 97.98%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 143296   | 36.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.98%  |
| 21) 2-Butanone-d5              | 4.68    | 46    | 154057   | 101.09   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 101.09% |
| 24) Chloroform-d               | 5.11    | 84    | 174478   | 47.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.14%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 120208   | 50.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.08% |
| 32) Benzene-d6                 | 5.77    | 84    | 382384   | 50.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.68% |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 125823   | 49.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.84%  |
| 41) Toluene-d8                 | 7.93    | 98    | 346399   | 49.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.88%  |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 58028    | 47.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.60%  |
| 47) 2-Hexanone-d5              | 8.67    | 63    | 141439   | 101.67   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.67% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78   | 84    | 173965   | 49.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.08%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 107645   | 50.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.20% |

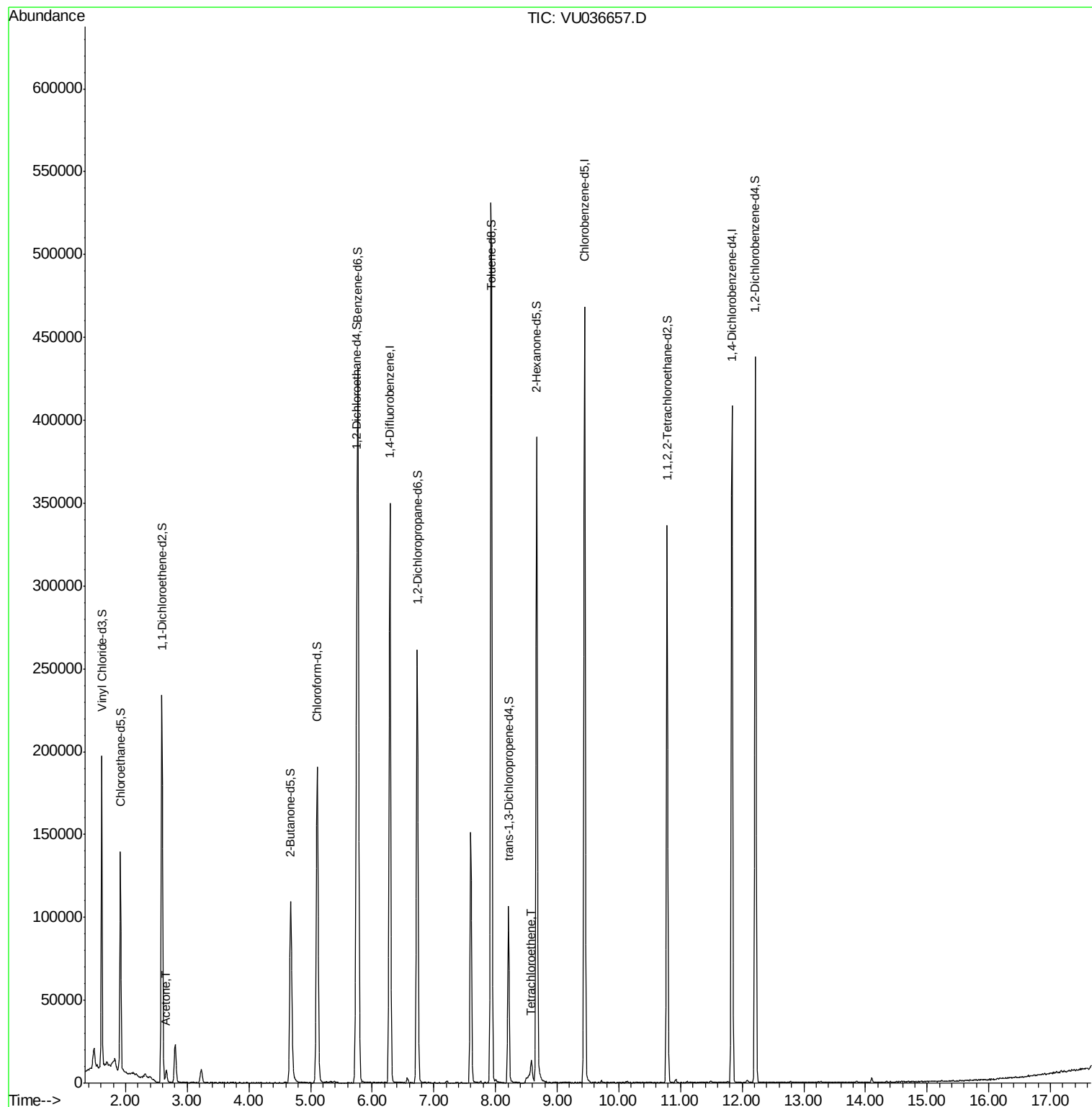
| Target Compounds      |      |     |      |            | Ovalue |
|-----------------------|------|-----|------|------------|--------|
| 13) Acetone           | 2.66 | 43  | 8433 | 6.507 ug/L | 99     |
| 46) Tetrachloroethene | 8.58 | 164 | 2337 | 1.633 ug/L | 93     |

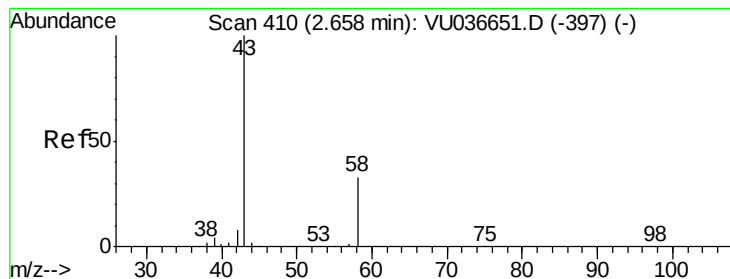
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
DBCS7

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Quant Title : VOC Analysis  
QLast Update : Sat Feb 01 00:19:17 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 6.507 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU036657.D

Acq: 31 Jan 2020 22:12

Instrument :

MSVOA\_U

ClientSampled :

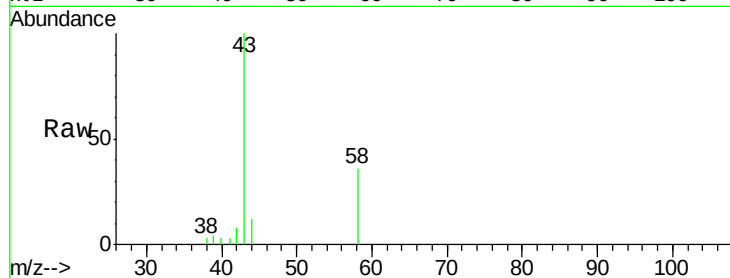
DBCS7

Tot Ion: 43 Resp: 8433

Ion Ratio Lower Upper

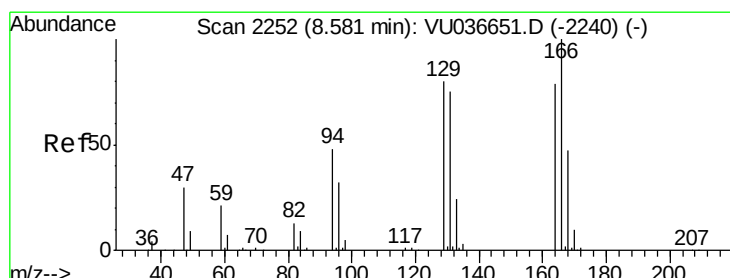
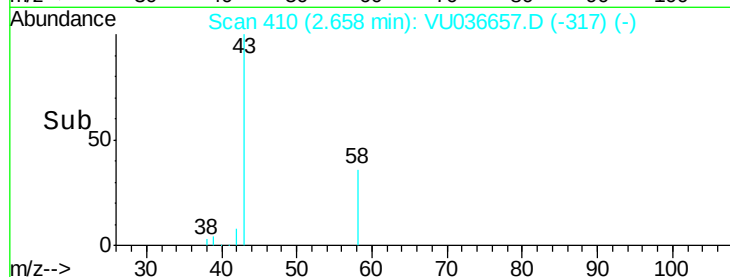
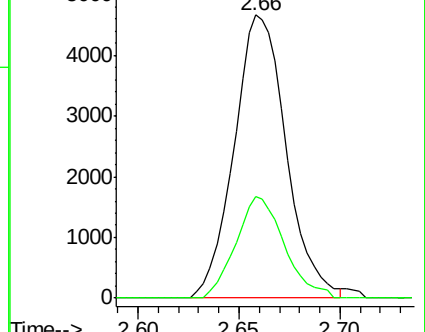
43 100

58 33.3 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VU036657.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036657.D (-317) (-)



#46

Tetrachloroethene

Concen: 1.633 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU036657.D

Acq: 31 Jan 2020 22:12

Tgt Ion:164 Resp: 2337

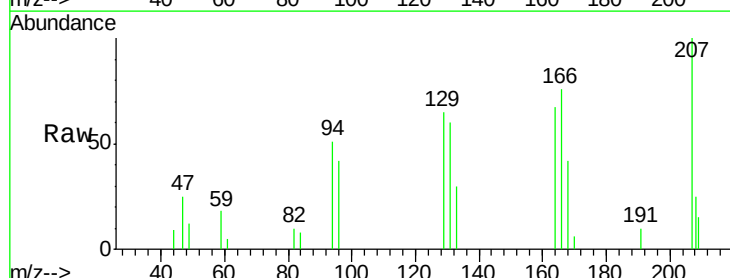
Ion Ratio Lower Upper

164 100

129 96.9 71.1 132.1

131 90.0 66.9 124.3

166 114.7 89.0 165.4



Abundance Ion 164.00 (163.70 to 164.70): VU036657.D (-2159) (-)

Ion 129.00 (128.70 to 129.70): VU036657.D (-2159) (-)

Ion 131.00 (130.70 to 131.70): VU036657.D (-2159) (-)

Ion 166.00 (165.70 to 166.70): VU036657.D (-2159) (-)

