

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\  
 Data File : VU037641.D  
 Acq On : 10 Apr 2020 01:08  
 Operator : JC/MD  
 Sample : L1885-15  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0EY1

Quant Time: Apr 10 06:17:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 10 06:05:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 519746   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 496766   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 241034   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 196820   | 43.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 86.64%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 169766   | 46.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 92.46%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 258474   | 34.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.82%  |
| 21) 2-Butanone-d5              | 4.66    | 46    | 386358   | 104.95   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 104.95% |
| 24) Chloroform-d               | 5.10    | 84    | 333021   | 48.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.54%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 237647   | 51.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.46% |
| 32) Benzene-d6                 | 5.76    | 84    | 721223   | 49.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.70%  |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 243743   | 50.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.20% |
| 41) Toluene-d8                 | 7.92    | 98    | 655028   | 48.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.68%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 125114   | 47.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.16%  |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 280421   | 100.68   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 100.68% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 342247   | 49.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 240496   | 47.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.88%  |

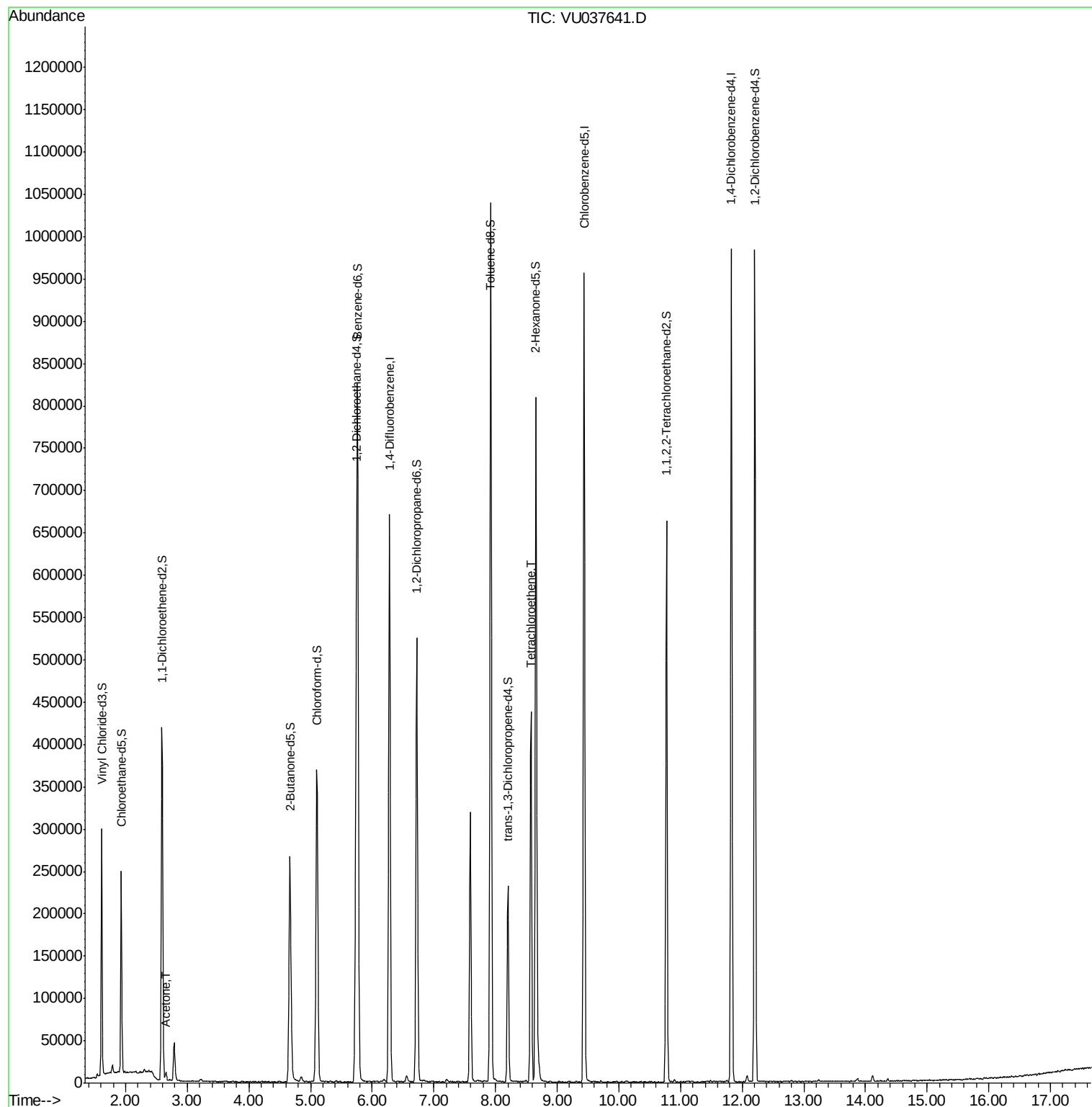
| Target Compounds      |      |     |       |             | Ovalue |
|-----------------------|------|-----|-------|-------------|--------|
| 13) Acetone           | 2.66 | 43  | 10569 | 4.861 ug/L  | 96     |
| 46) Tetrachloroethene | 8.57 | 164 | 93881 | 33.905 ug/L | 97     |

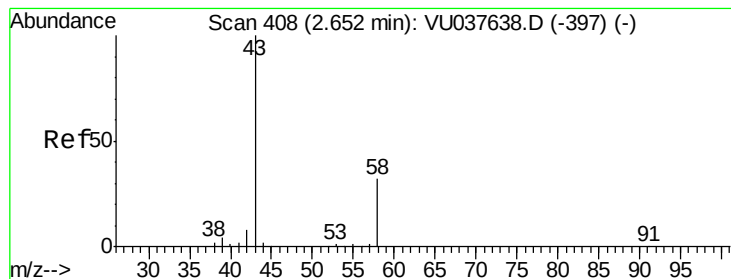
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Apr 10 06:05:13 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 4.861 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037641.D

Acq: 10 Apr 2020 01:08

Instrument :

MSVOA\_U

ClientSampleId :

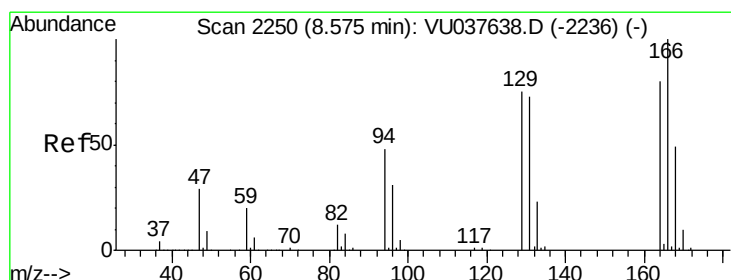
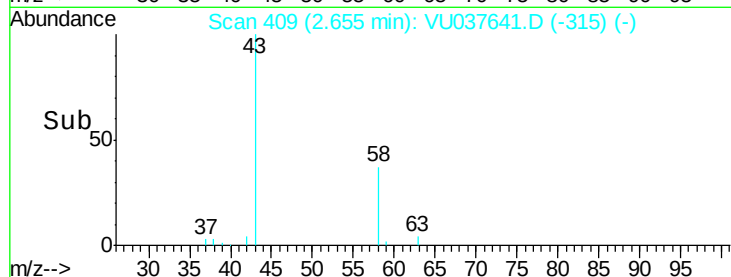
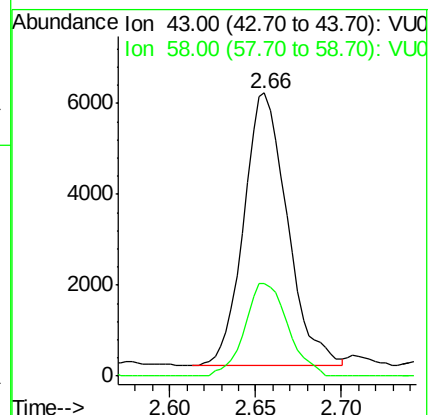
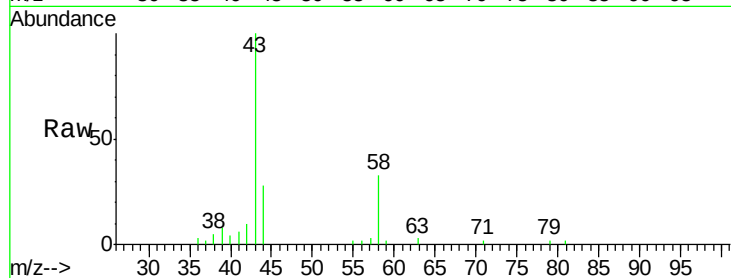
C0EY1

Tot Ion: 43 Resp: 10569

Ion Ratio Lower Upper

43 100

58 33.8 0.0 63.2



#46

Tetrachloroethene

Concen: 33.905 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037641.D

Acq: 10 Apr 2020 01:08

Tgt Ion: 164 Resp: 93881

Ion Ratio Lower Upper

164 100

129 94.5 68.0 126.2

131 91.8 65.8 122.2

166 127.7 92.0 170.9

