

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\  
 Data File : VU037633.D  
 Acq On : 09 Apr 2020 21:02  
 Operator : JC/MD  
 Sample : L1885-07  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0EW2

Quant Time: Apr 10 05:48:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 10 03:10:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 534915   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 506491   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 246382   | 50.00 | ug/L  | 0.00     |

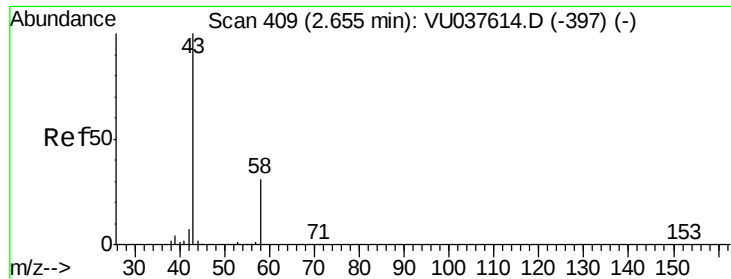
## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 206330   | 44.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.24%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 176663   | 46.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.50%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 268652   | 35.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.50%  |
| 21) 2-Butanone-d5              | 4.66    | 46    | 388377   | 102.51   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.51% |
| 24) Chloroform-d               | 5.10    | 84    | 344277   | 48.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.98%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 240747   | 50.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.86% |
| 32) Benzene-d6                 | 5.76    | 84    | 744303   | 49.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.90%  |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 252884   | 50.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 101.96% |
| 41) Toluene-d8                 | 7.92    | 98    | 672321   | 48.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.32%  |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 128826   | 48.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 96.10%  |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 286874   | 101.02   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.02% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 349924   | 49.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.88%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 248369   | 48.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.88%  |

| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 13) Acetone           | 2.65 | 43  | 8317  | 3.717 ug/L | 99     |
| 46) Tetrachloroethene | 8.57 | 164 | 22249 | 7.881 ug/L | 94     |

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





#13

Acetone

Concen: 3.717 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037633.D

Acq: 09 Apr 2020 21:02

Instrument :

MSVOA\_U

ClientSampleId :

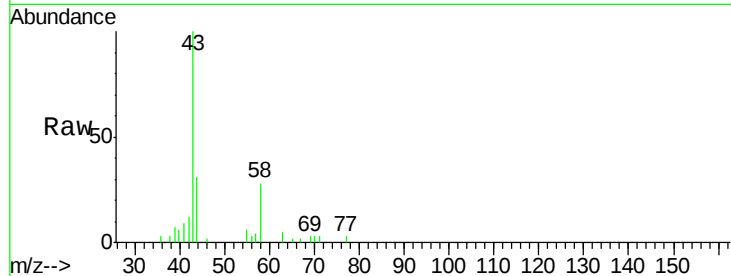
C0EW2

Tot Ion: 43 Resp: 8317

Ion Ratio Lower Upper

43 100

58 31.1 0.0 63.2

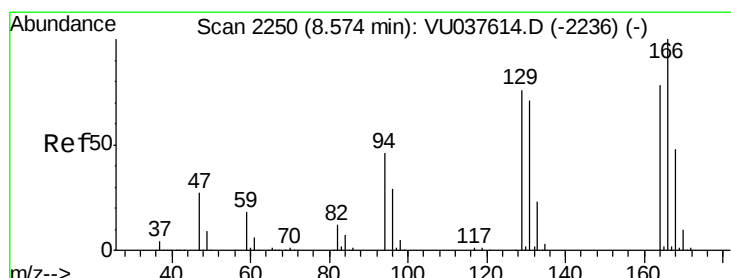
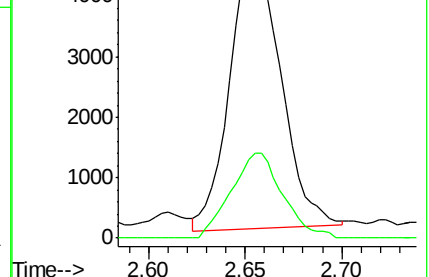
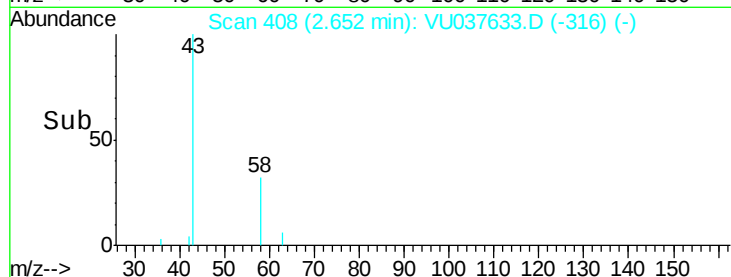


Abundance Ion 43.00 (42.70 to 43.70): VU037614.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037614.D (-397) (-)

2.65

Time-->



#46

Tetrachloroethene

Concen: 7.881 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037633.D

Acq: 09 Apr 2020 21:02

Tgt Ion: 164 Resp: 22249

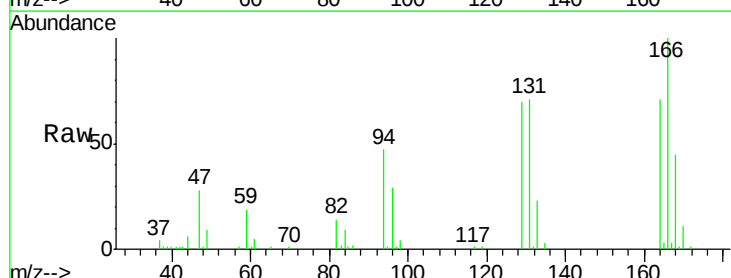
Ion Ratio Lower Upper

164 100

129 98.8 68.0 126.2

131 100.9 65.8 122.2

166 141.8 92.0 170.9



Abundance Ion 164.00 (163.70 to 164.70): VU037614.D (-2236) (-)

Ion 129.00 (128.70 to 129.70): VU037614.D (-2236) (-)

Ion 131.00 (130.70 to 131.70): VU037614.D (-2236) (-)

Ion 166.00 (165.70 to 166.70): VU037614.D (-2236) (-)

8.57

Time-->

