

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\  
 Data File : VU031779.D  
 Acq On : 06 May 2019 14:46  
 Operator : JC/SP  
 Sample : K2694-10  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFHK2

Quant Time: May 07 09:38:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 07 08:38:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 666527   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 635272   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 245127   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 255026   | 45.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.44%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 214213   | 49.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 99.38%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 391183   | 35.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.42%  |
| 21) 2-Butanone-d5              | 4.19    | 46    | 637139   | 126.06   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 126.06% |
| 24) Chloroform-d               | 4.64    | 84    | 508549   | 49.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.56%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 358981   | 53.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 107.56% |
| 32) Benzene-d6                 | 5.34    | 84    | 944394   | 48.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.82%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 356001   | 51.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 103.74% |
| 41) Toluene-d8                 | 7.56    | 98    | 741576   | 43.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.30%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 136542   | 46.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.70%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 348970   | 117.47   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 117.47% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 480729   | 52.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 104.38% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 246366   | 47.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.58%  |

## Target Compounds

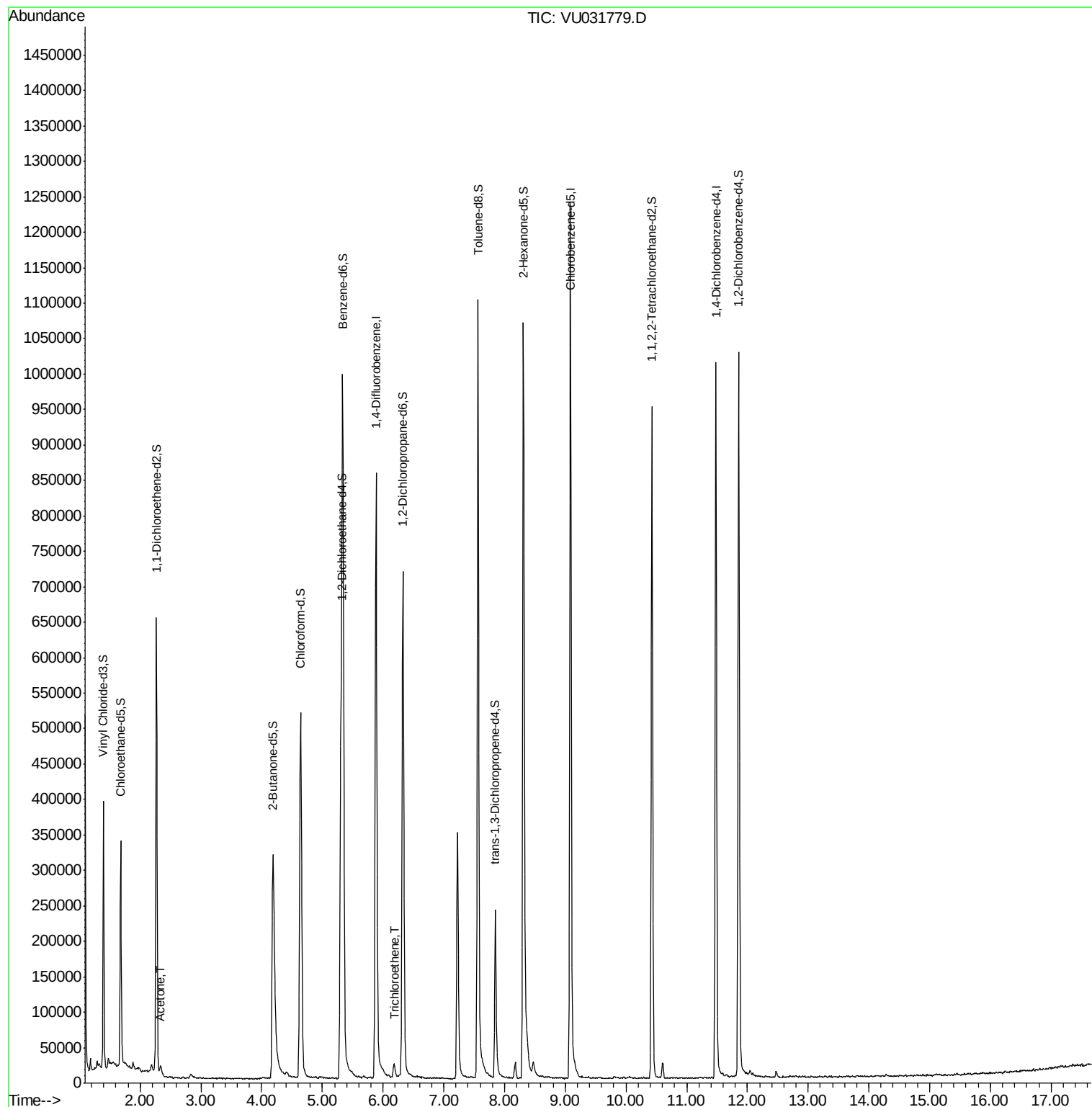
|                     |      |    |       | Ovalue          |
|---------------------|------|----|-------|-----------------|
| 13) Acetone         | 2.34 | 43 | 13207 | 2.320 ug/L 100  |
| 34) Trichloroethene | 6.18 | 95 | 3391  | 0.599 ug/L # 71 |

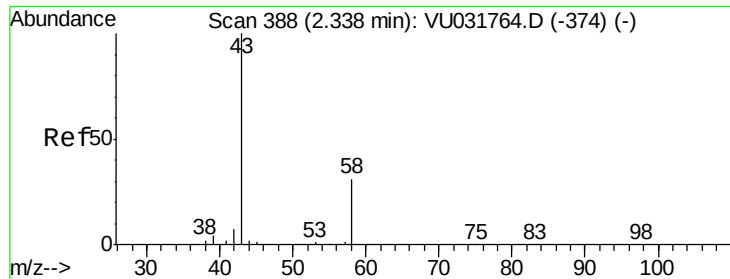
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue May 07 08:38:32 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.320 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU031779.D

Acq: 06 May 2019 14:46

Instrument :

MSVOA\_U

ClientSampleId :

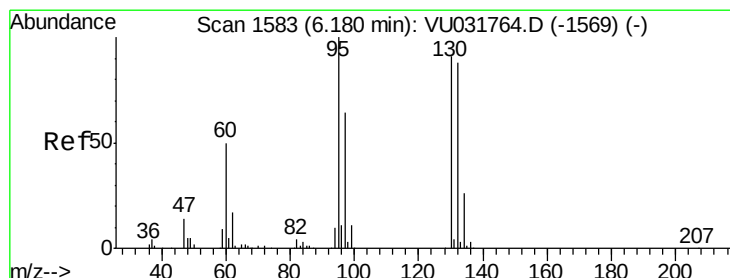
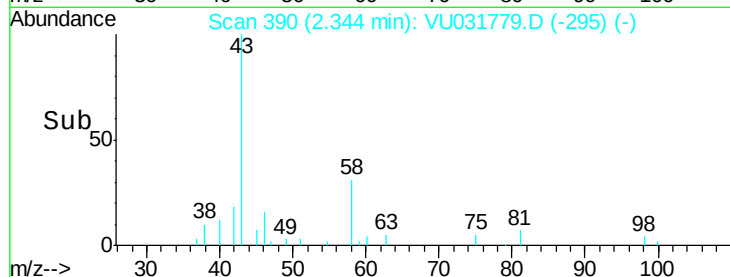
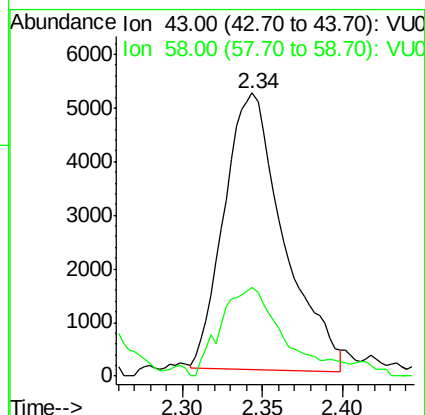
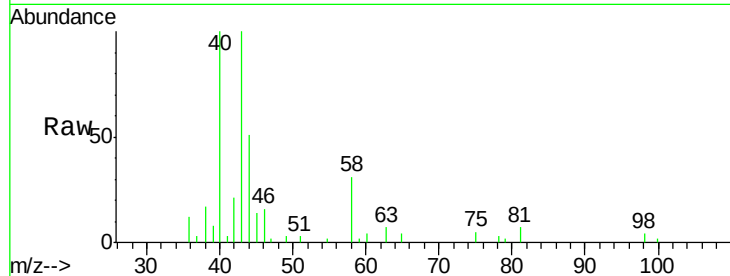
BFHK2

Tot Ion: 43 Resp: 13207

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.4



#34

Trichloroethene

Concen: 0.599 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031779.D

Acq: 06 May 2019 14:46

Tgt Ion: 95 Resp: 3391

Ion Ratio Lower Upper

95 100

97 84.4 44.8 83.2#

132 67.8 63.1 117.1

130 60.0 66.5 123.5#

