

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU071618\  
 Data File : VU025423.D  
 Acq On : 16 Jul 2018 14:42  
 Operator : MD/SY  
 Sample : J3986-12  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB1C9

Quant Time: Jul 17 02:27:34 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071618WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 17 02:25:49 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 324367   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 295246   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 129372   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 84354    | 48.36    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 96.72% |
| 7) Chloroethane-d5             | 1.68    | 69    | 68816    | 48.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.10% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 125554   | 33.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.62% |
| 21) 2-Butanone-d5              | 4.18    | 46    | 175068   | 99.34    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.34% |
| 24) Chloroform-d               | 4.65    | 84    | 185632   | 44.86    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.72% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 132009   | 46.75    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.50% |
| 32) Benzene-d6                 | 5.35    | 84    | 358137   | 48.28    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.56% |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 118779   | 49.50    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.00% |
| 41) Toluene-d8                 | 7.57    | 98    | 337198   | 46.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.52% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 54024    | 44.38    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.76% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 124068   | 96.93    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.93% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 170748   | 46.35    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 92.70% |
| 64) 1,2-Dichlorobenzene-d4     | 11.87   | 152   | 133391   | 49.35    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.70% |

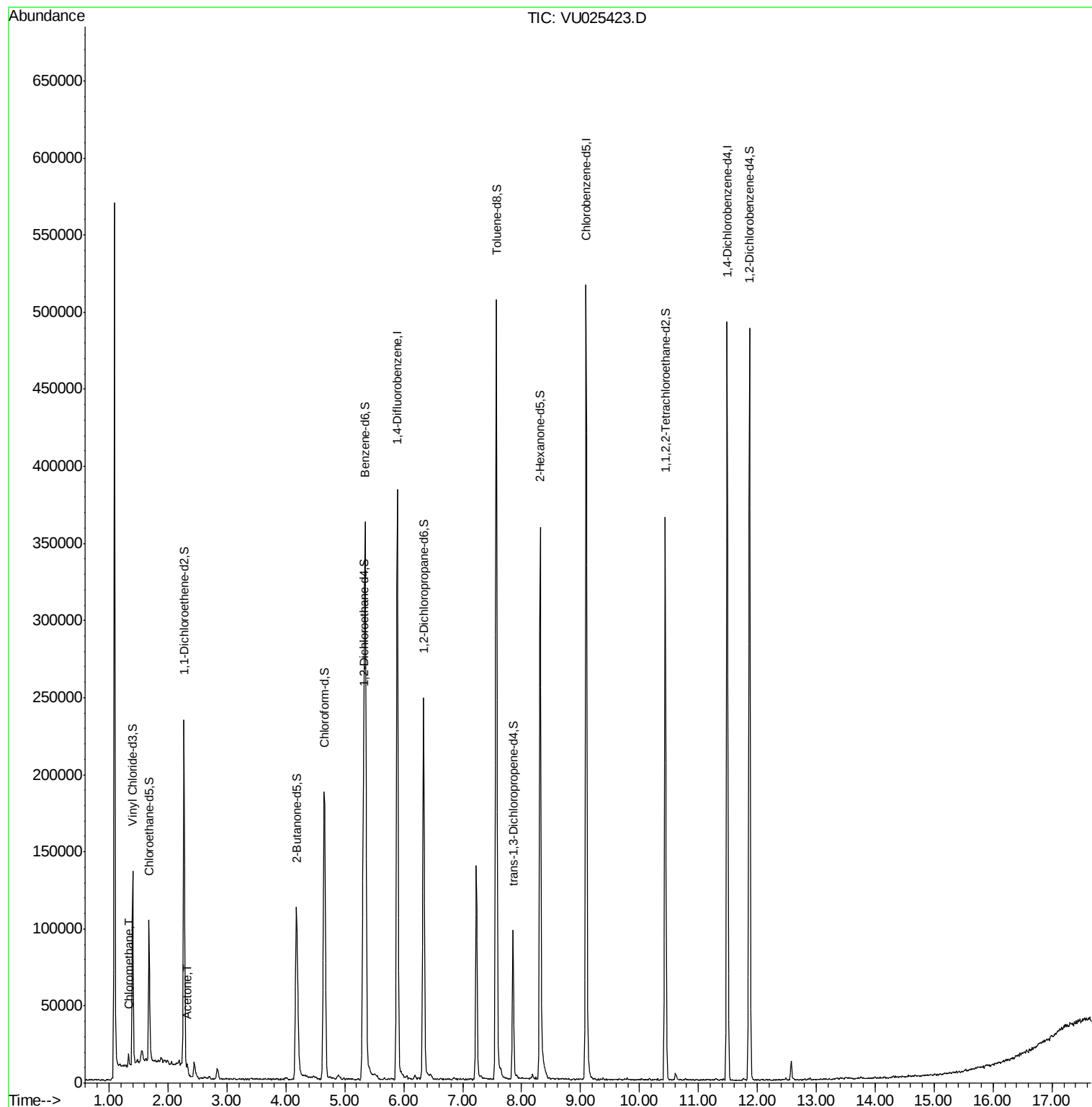
| Target Compounds |      |    |      |            | Qvalue |
|------------------|------|----|------|------------|--------|
| 3) Chloromethane | 1.33 | 50 | 6543 | 2.154 ug/L | 88     |
| 13) Acetone      | 2.32 | 43 | 5809 | 3.131 ug/L | 95     |

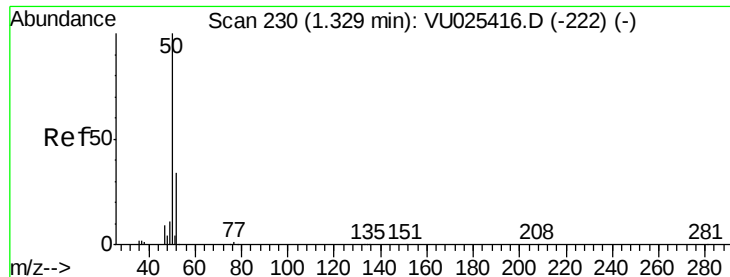
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 17 02:25:49 2018  
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#3

Chloromethane

Concen: 2.154 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025423.D

Acq: 16 Jul 2018 14:42

Instrument :

MSVOA\_U

ClientSampleId :

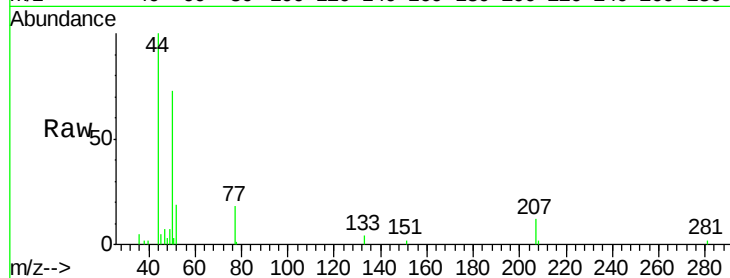
DB1C9

Tgt Ion: 50 Resp: 6543

Ion Ratio Lower Upper

50 100

52 26.5 23.5 43.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.33

6000

5000

4000

3000

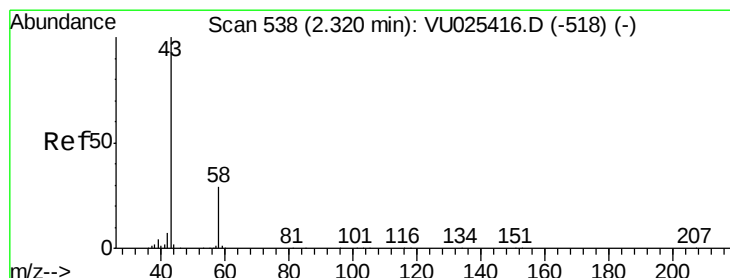
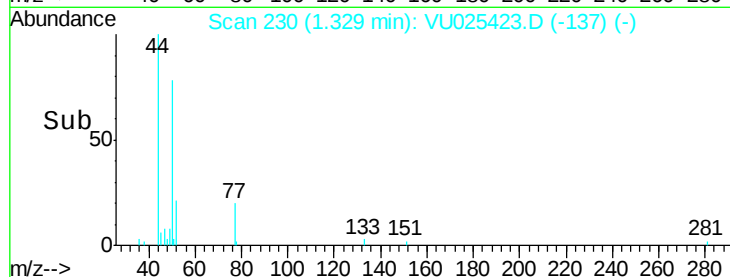
2000

1000

0

Time-->

1.30 1.32 1.34 1.36 1.38



#13

Acetone

Concen: 3.131 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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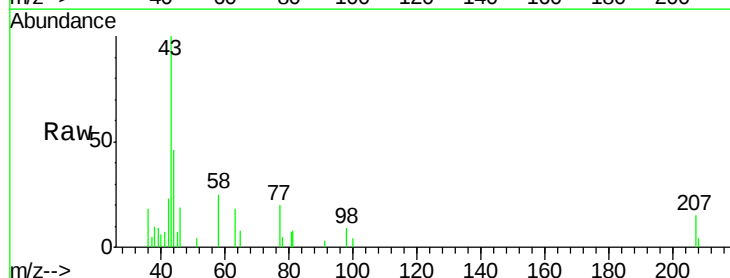
Acq: 16 Jul 2018 14:42

Tgt Ion: 43 Resp: 5809

Ion Ratio Lower Upper

43 100

58 26.5 0.0 58.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

3000

2000

1000

0

Time-->

2.25 2.30 2.35 2.40

