

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120419\  
 Data File : VU035976.D  
 Acq On : 04 Dec 2019 17:25  
 Operator : JC/SP  
 Sample : K6132-02 50X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFQR0

Quant Time: Dec 05 05:48:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Dec 05 03:54:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 306778   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 324360   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 100833   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 141068   | 4.03     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.60% |
| 7) Chloroethane-d5             | 1.93   | 69    | 116673   | 4.16     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 83.20% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 154651   | 3.08     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.60% |
| 20) 2-Butanone-d5              | 4.70   | 46    | 278238   | 44.93    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 89.86% |
| 24) Chloroform-d               | 5.11   | 84    | 210853   | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.80% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 114227   | 4.49     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80% |
| 32) Benzene-d6                 | 5.77   | 84    | 409196   | 4.26     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.20% |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 135654   | 4.36     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 87.20% |
| 41) Toluene-d8                 | 7.93   | 98    | 326883   | 3.70     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.00% |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 49748    | 3.96     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.20% |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 200011   | 40.48    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.96% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 114821   | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 87.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 99827    | 4.79     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.80% |

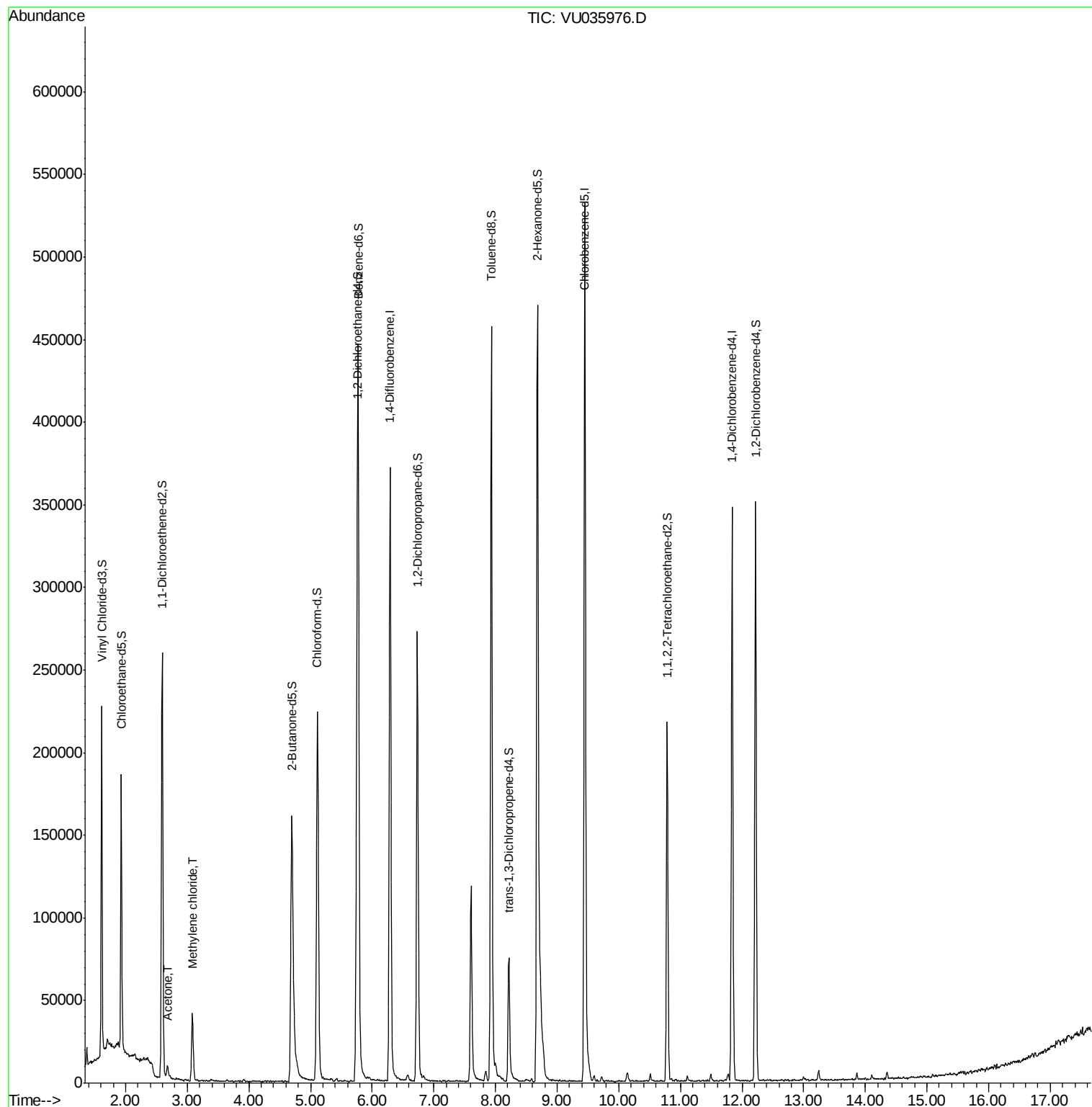
| Target Compounds       |      |    |       | Ovalue        |
|------------------------|------|----|-------|---------------|
| 13) Acetone            | 2.68 | 43 | 10574 | 1.889 ug/L 99 |
| 16) Methylene chloride | 3.08 | 84 | 20379 | 0.598 ug/L 91 |

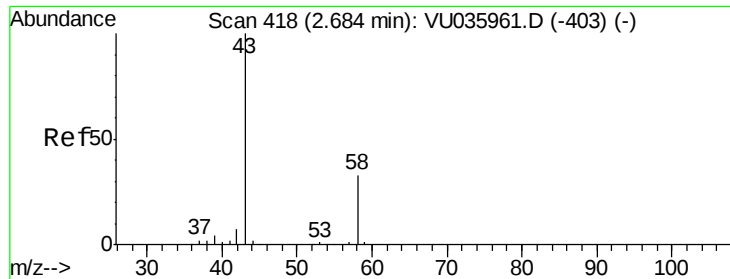
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 05 03:54:31 2019  
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#13

Acetone

Concen: 1.889 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU035976.D

Acq: 04 Dec 2019 17:25

Instrument :

MSVOA\_U

ClientSampled :

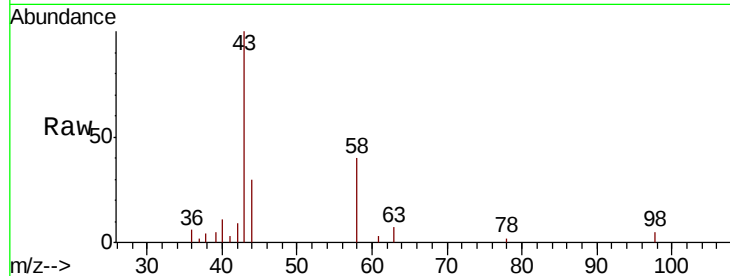
BFQR0

Tot Ion: 43 Resp: 10574

Ion Ratio Lower Upper

43 100

58 35.1 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035976.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU035976.D (-325) (-)

2.68

5000

4000

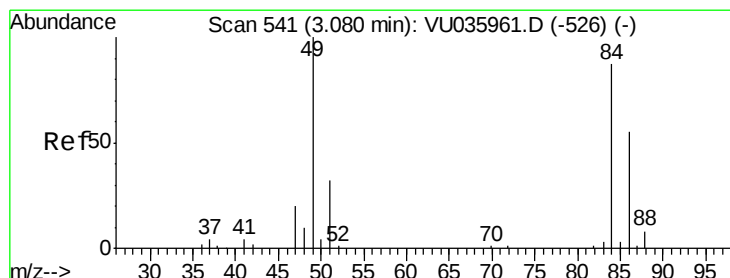
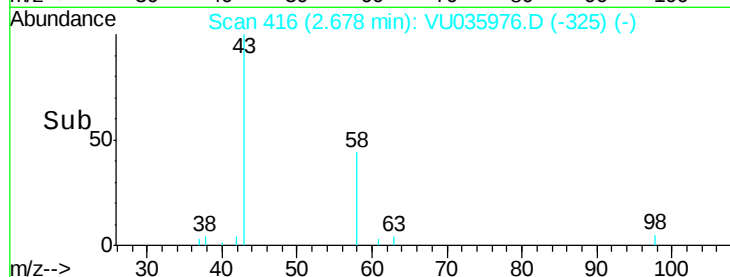
3000

2000

1000

0

Time--> 2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.598 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

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Acq: 04 Dec 2019 17:25

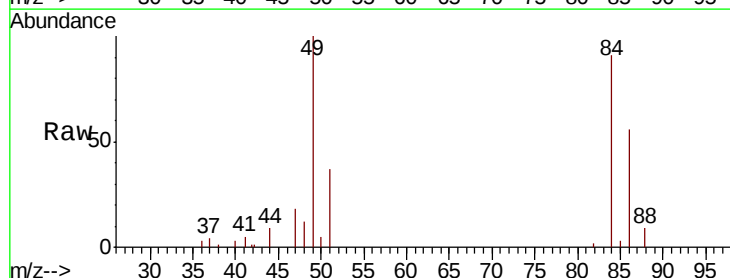
Tgt Ion: 84 Resp: 20379

Ion Ratio Lower Upper

84 100

86 61.5 44.7 82.9

49 110.2 86.2 160.2



Abundance Ion 84.05 (83.75 to 84.75): VU035976.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU035976.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU035976.D (-448) (-)

3.08

15000

10000

5000

0

Time--> 3.00 3.05 3.10 3.15

