

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021720\  
 Data File : VU036813.D  
 Acq On : 17 Feb 2020 16:34  
 Operator : JC/MD  
 Sample : L1487-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBCT4

Quant Time: Feb 18 01:57:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Feb 18 00:46:02 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 116832   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 109807   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 43038    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 38466    | 3.83     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.60% |
| 7) Chloroethane-d5             | 1.93   | 69    | 38371    | 4.40     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 88.00% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 52824    | 3.15     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.00% |
| 20) 2-Butanone-d5              | 4.67   | 46    | 104780   | 49.73    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.46% |
| 24) Chloroform-d               | 5.11   | 84    | 68201    | 4.40     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.00% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 41143    | 4.63     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.60% |
| 32) Benzene-d6                 | 5.76   | 84    | 153678   | 4.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.00% |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 50859    | 4.80     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.00% |
| 41) Toluene-d8                 | 7.92   | 98    | 139212   | 4.48     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.60% |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 17218    | 4.18     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.60% |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 90201    | 47.96    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.92% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 39191    | 4.69     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.80% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 42002    | 4.89     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.80% |

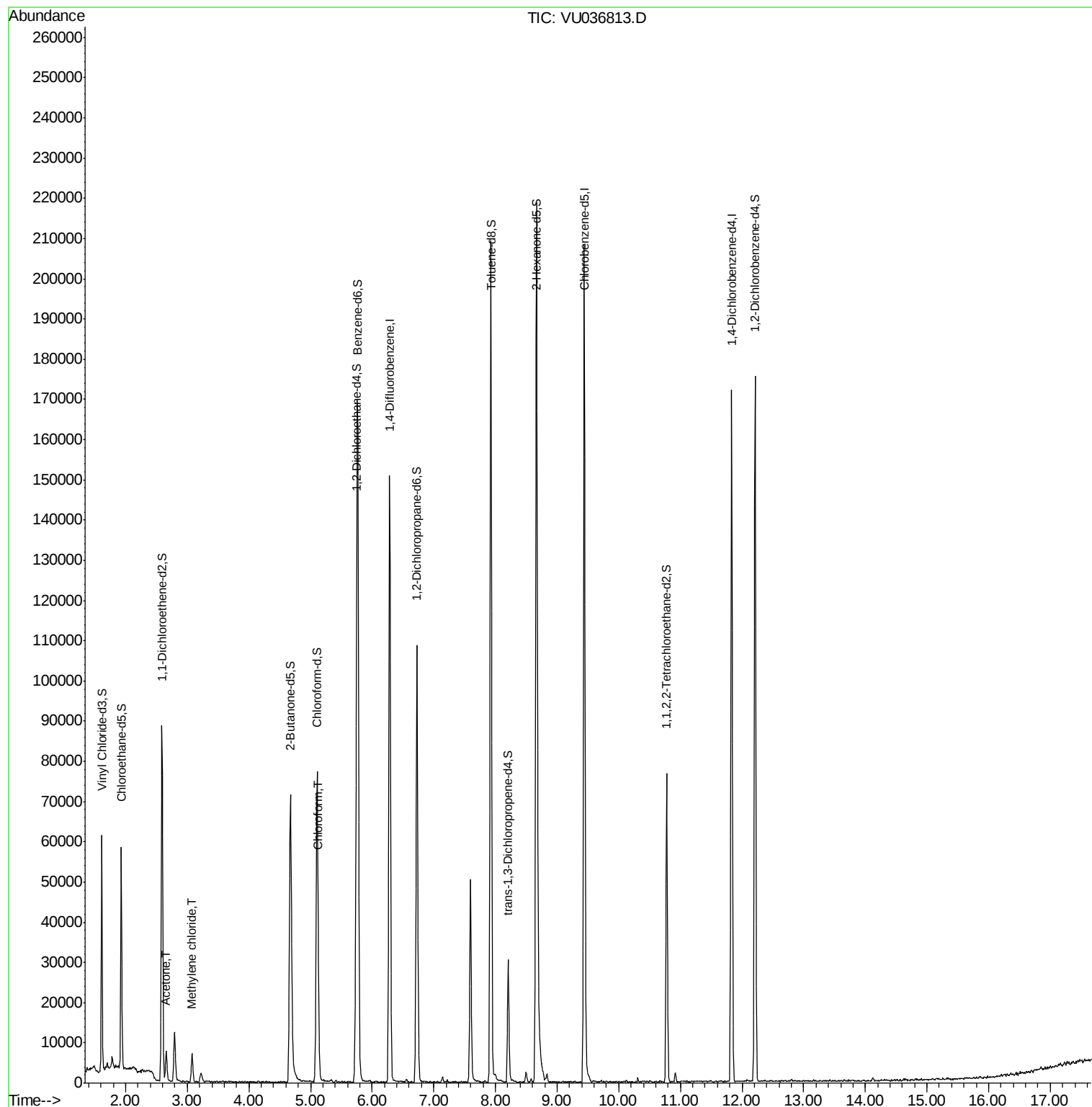
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 13) Acetone            | 2.66 | 43 | 8696 | 3.228 ug/L | 97     |
| 16) Methylene chloride | 3.08 | 84 | 3322 | 0.277 ug/L | 98     |
| 25) Chloroform         | 5.13 | 83 | 7005 | 0.427 ug/L | 99     |

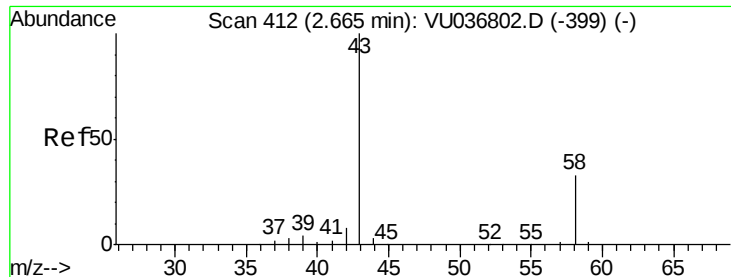
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 18 00:46:02 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 3.228 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU036813.D

Acq: 17 Feb 2020 16:34

Instrument :

MSVOA\_U

ClientSampleId :

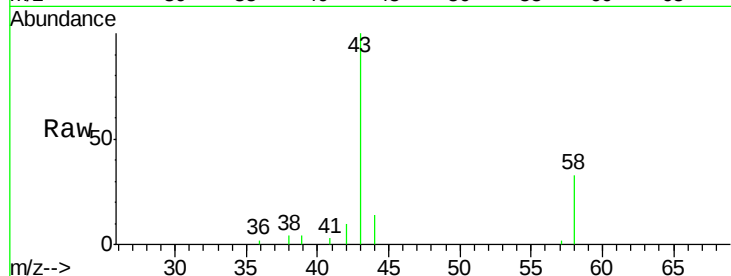
DBCT4

Tot Ion: 43 Resp: 8696

Ion Ratio Lower Upper

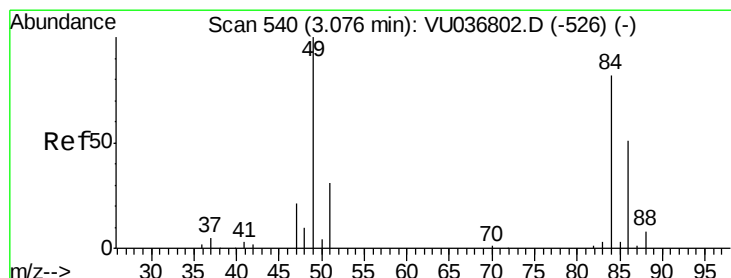
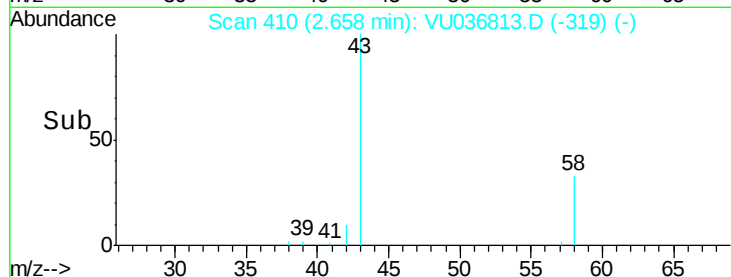
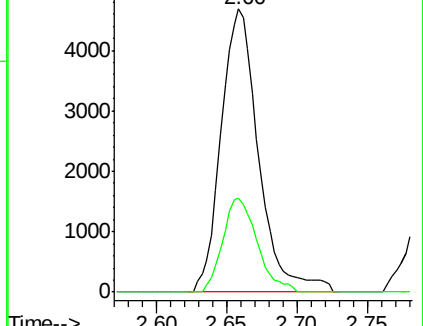
43 100

58 30.5 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036813.D (-410) (-)

Ion 58.05 (57.75 to 58.75): VU036813.D (-410) (-)



#16

Methylene chloride

Concen: 0.277 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU036813.D

Acq: 17 Feb 2020 16:34

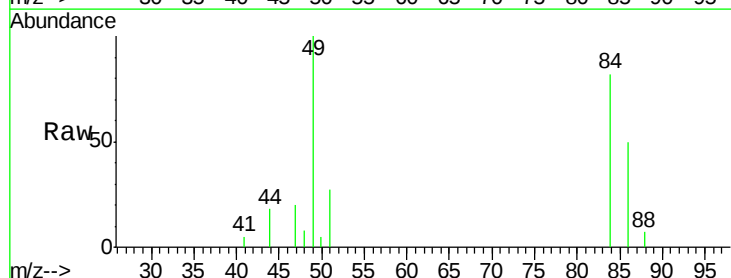
Tgt Ion: 84 Resp: 3322

Ion Ratio Lower Upper

84 100

86 61.4 44.7 82.9

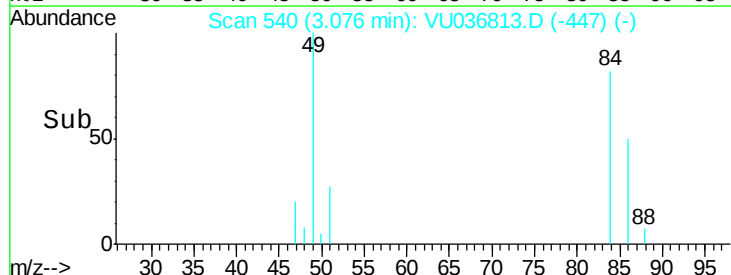
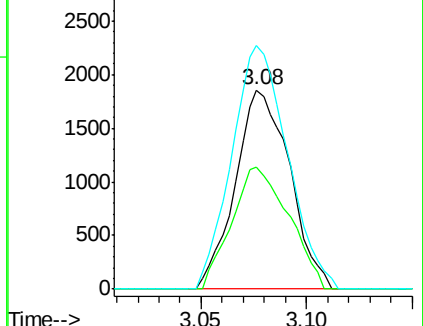
49 122.5 86.7 160.9

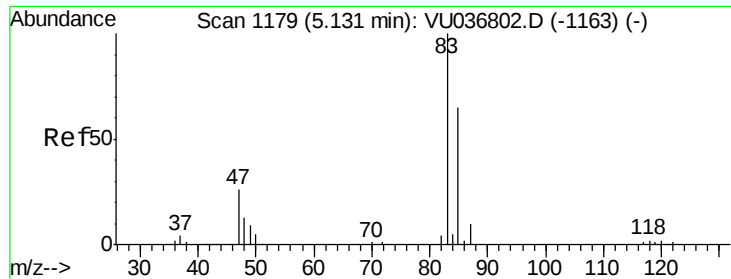


Abundance Ion 84.05 (83.75 to 84.75): VU036813.D (-540) (-)

Ion 86.00 (85.70 to 86.70): VU036813.D (-540) (-)

Ion 49.10 (48.80 to 49.80): VU036813.D (-540) (-)





#25  
 Chloroform  
 Concen: 0.427 ug/L  
 RT: 5.13 min Scan# 1179  
 Delta R.T. -0.00 min  
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Tot Ion: 83 Resp: 7005  
 Ion Ratio Lower Upper  
 83 100  
 85 64.1 45.4 84.2

