

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021320\  
 Data File : VU036767.D  
 Acq On : 13 Feb 2020 13:15  
 Operator : JC/MD  
 Sample : L1517-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBCW8

Quant Time: Feb 14 01:01:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Feb 14 00:15:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 126384   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 116575   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 49774    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 46589    | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 42681    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 64837    | 3.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.40%  |
| 20) 2-Butanone-d5              | 4.68   | 46    | 117131   | 51.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 102.78% |
| 24) Chloroform-d               | 5.11   | 84    | 79438    | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 45903    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%  |
| 32) Benzene-d6                 | 5.76   | 84    | 174408   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 55656    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.93   | 98    | 157592   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.60%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 19797    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.60%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 97966    | 49.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.12%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 40618    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 49041    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.60%  |

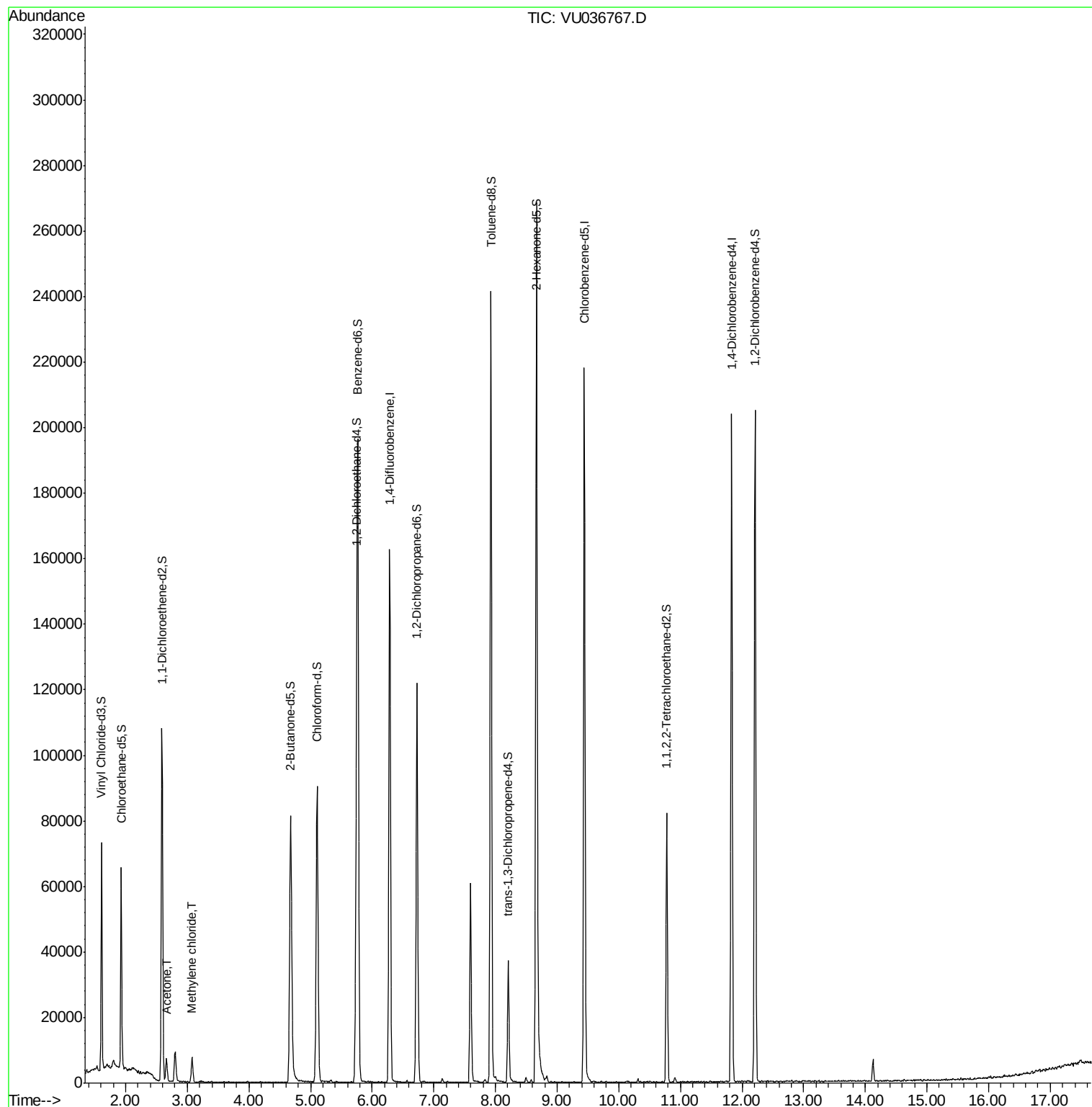
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 13) Acetone            | 2.66 | 43 | 7831 | 2.687 ug/L | 96     |
| 16) Methylene chloride | 3.08 | 84 | 3576 | 0.276 ug/L | 97     |

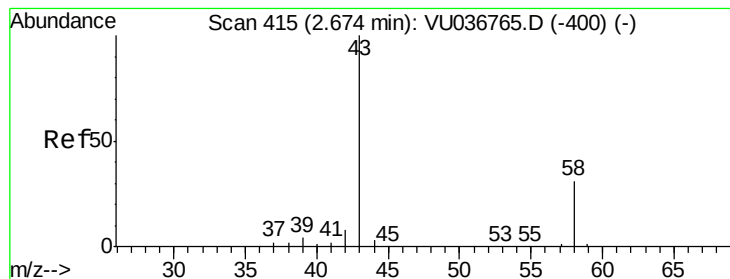
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 14 00:15:45 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 2.687 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036767.D

Acq: 13 Feb 2020 13:15

Instrument :

MSVOA\_U

ClientSampleId :

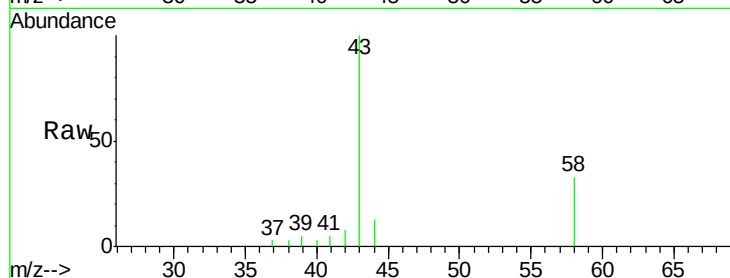
DBCW8

Tot Ion: 43 Resp: 7831

Ion Ratio Lower Upper

43 100

58 30.0 0.0 64.2

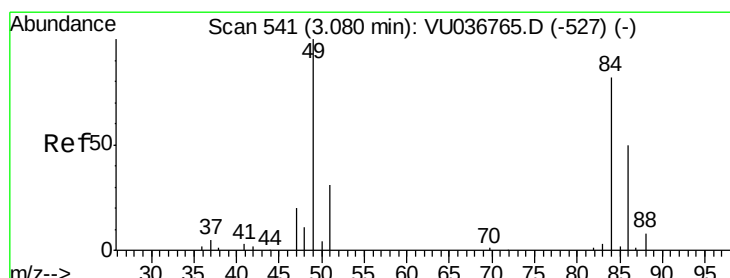
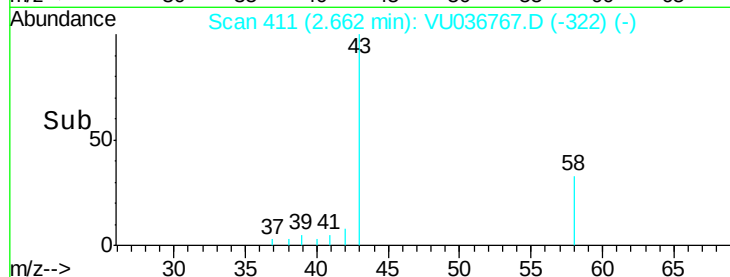


Abundance Ion 43.05 (42.75 to 43.75): VU036767.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU036767.D (-400) (-)

2.66

Time-->



#16

Methylene chloride

Concen: 0.276 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU036767.D

Acq: 13 Feb 2020 13:15

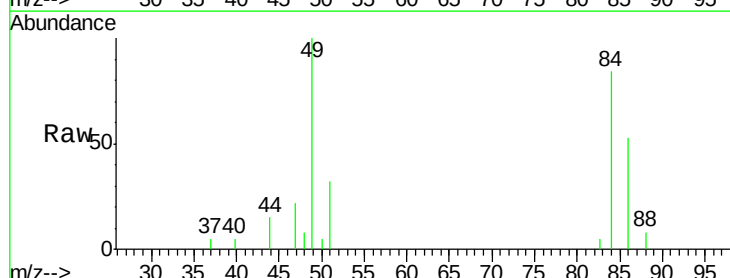
Tgt Ion: 84 Resp: 3576

Ion Ratio Lower Upper

84 100

86 63.1 44.7 82.9

49 119.7 86.7 160.9



Abundance Ion 84.05 (83.75 to 84.75): VU036767.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU036767.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU036767.D (-448) (-)

3.08

Time-->

