

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\  
 Data File : VU036272.D  
 Acq On : 18 Dec 2019 14:46  
 Operator : JC/MD  
 Sample : K6234-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 19 01:33:16 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Dec 19 00:50:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 258937   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 284822   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 107269   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

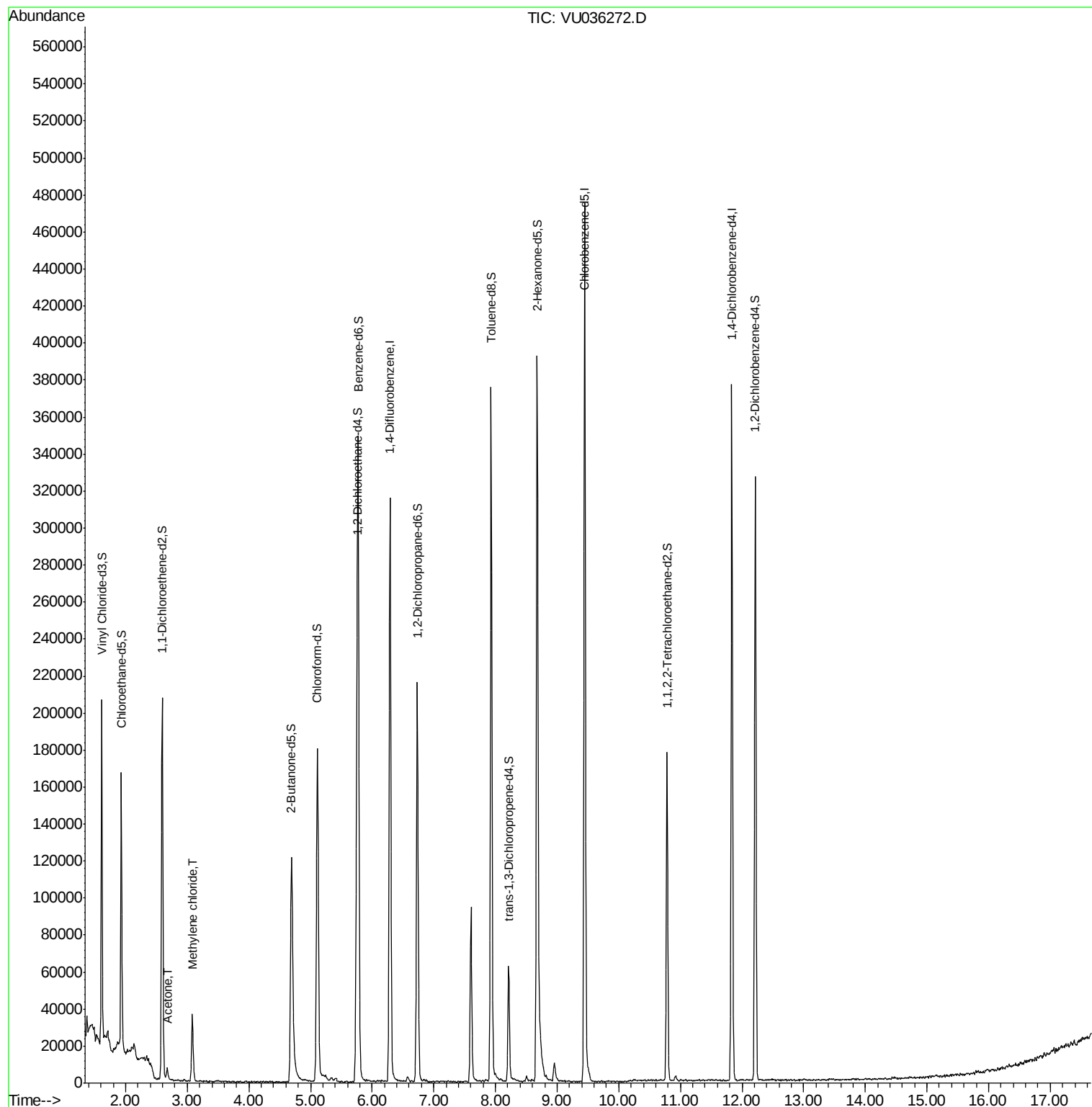
|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 127170   | 5.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 111.60% |
| 7) Chloroethane-d5             | 1.93   | 69    | 106594   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.40% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 122393   | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.40%  |
| 20) 2-Butanone-d5              | 4.69   | 46    | 189180   | 44.28    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 88.56%  |
| 24) Chloroform-d               | 5.11   | 84    | 171835   | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 90556    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.00%  |
| 32) Benzene-d6                 | 5.77   | 84    | 319608   | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 100867   | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.40%  |
| 41) Toluene-d8                 | 7.93   | 98    | 256086   | 3.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 76.00%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 35376    | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.20%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 147570   | 41.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 87739    | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 95764    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.20%  |

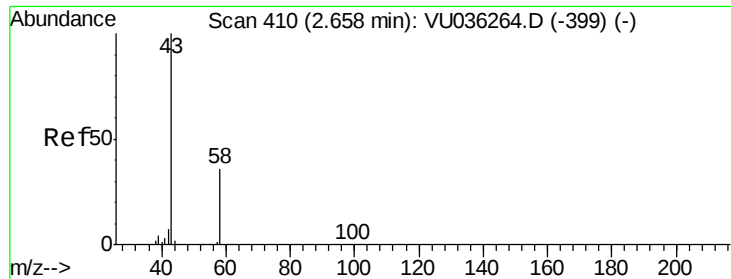
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 2.68 | 43 | 7349  | 1.974 ug/L | 96     |
| 16) Methylene chloride | 3.08 | 84 | 18490 | 0.655 ug/L | 96     |

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

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#13

Acetone

Concen: 1.974 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU036272.D

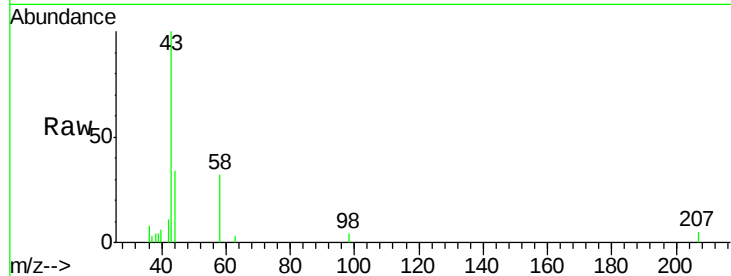
Acq: 18 Dec 2019 14:46

Tot Ion: 43 Resp: 7349

Ion Ratio Lower Upper

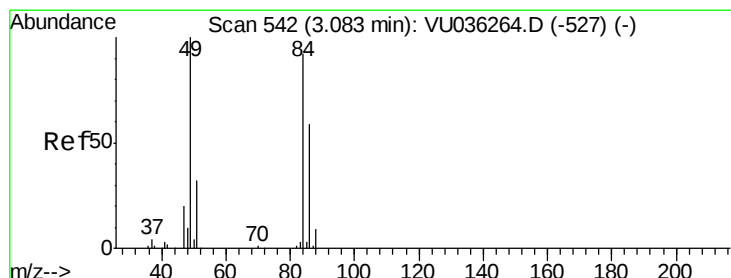
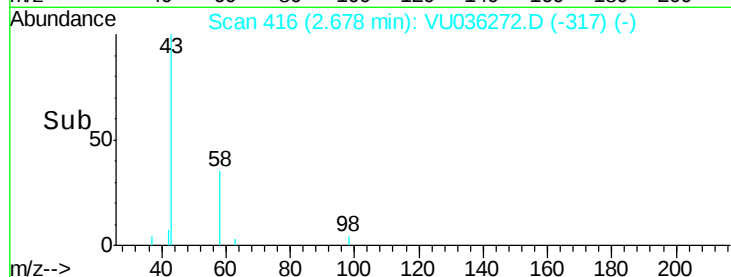
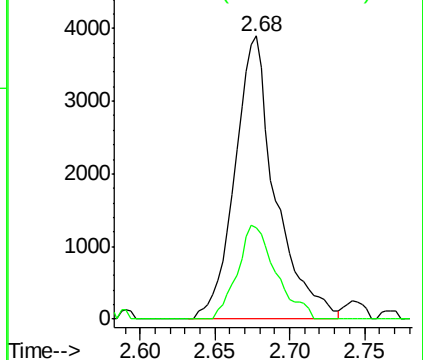
43 100

58 31.4 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.655 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

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Acq: 18 Dec 2019 14:46

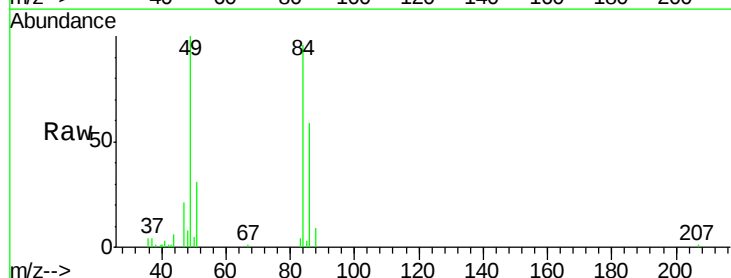
Tgt Ion: 84 Resp: 18490

Ion Ratio Lower Upper

84 100

86 60.9 43.0 79.8

49 103.8 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

