

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121819\  
 Data File : VU036265.D  
 Acq On : 18 Dec 2019 11:57  
 Operator : JC/MD  
 Sample : VU1218WBL01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 19 00:57:39 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  | 255479   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 281696   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 110193   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

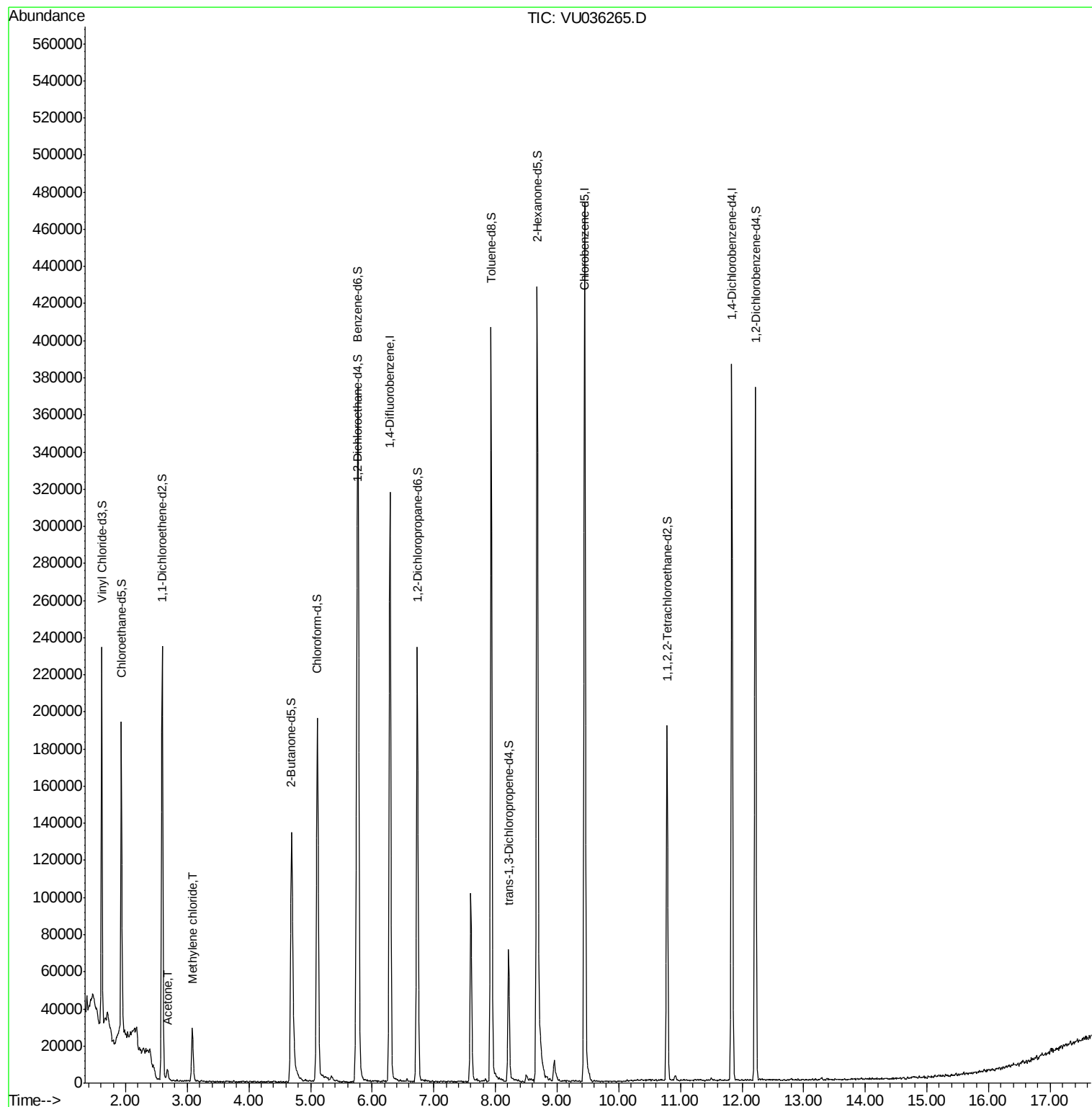
|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 136538   | 6.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 121.40% |
| 7) Chloroethane-d5             | 1.93   | 69    | 117240   | 5.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 116.20% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 134397   | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 82.80%  |
| 20) 2-Butanone-d5              | 4.69   | 46    | 200790   | 47.64    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.28%  |
| 24) Chloroform-d               | 5.11   | 84    | 181189   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.20% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 96407    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.60% |
| 32) Benzene-d6                 | 5.77   | 84    | 346016   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 107982   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.80%  |
| 41) Toluene-d8                 | 7.93   | 98    | 276249   | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.00%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 41245    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.80%  |
| 46) 2-Hexanone-d5              | 8.67   | 63    | 159220   | 45.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.72%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 93474    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 106599   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.00% |

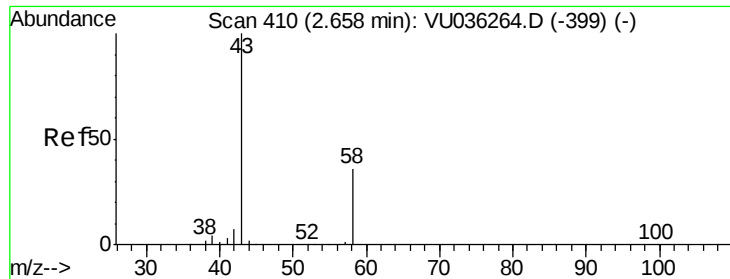
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 2.68 | 43 | 8170  | 2.224 ug/L | 88     |
| 16) Methylene chloride | 3.09 | 84 | 14874 | 0.534 ug/L | 96     |

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

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#13

Acetone

Concen: 2.224 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.03 min

Lab File: VU036265.D

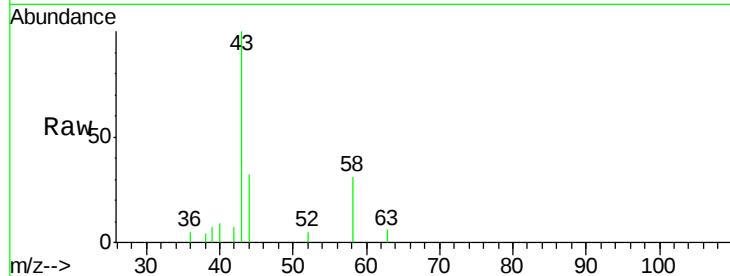
Acq: 18 Dec 2019 11:57

Tot Ion: 43 Resp: 8170

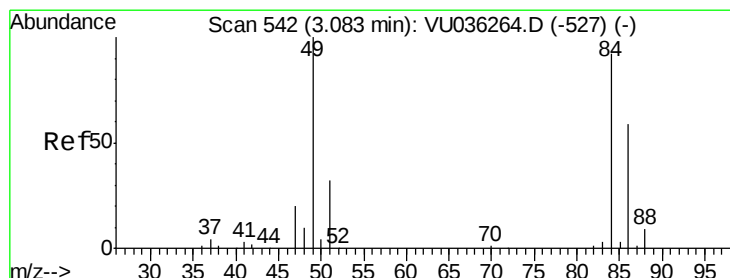
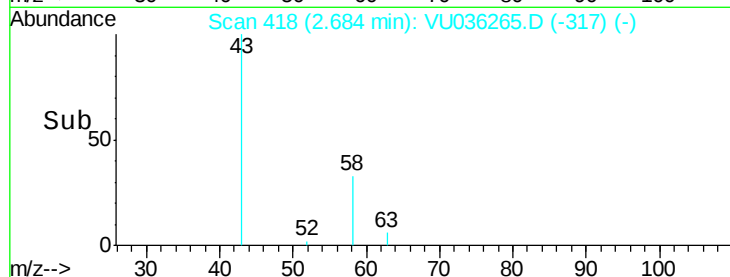
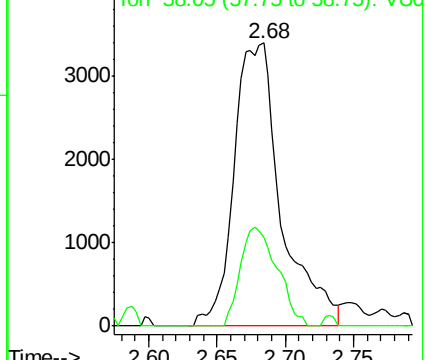
Ion Ratio Lower Upper

43 100

58 27.2 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036265.D (-317) (-)



#16

Methylene chloride

Concen: 0.534 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU036265.D

Acq: 18 Dec 2019 11:57

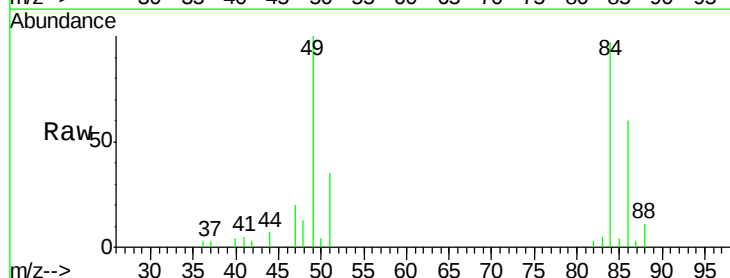
Tgt Ion: 84 Resp: 14874

Ion Ratio Lower Upper

84 100

86 61.5 43.0 79.8

49 103.2 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036265.D (-449) (-)

