

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112919\  
 Data File : VU035910.D  
 Acq On : 29 Nov 2019 09:58  
 Operator : JC/SP  
 Sample : VU1129WBL01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK17

Quant Time: Nov 30 03:29:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR112119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Nov 30 03:20:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 226585   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 268937   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 102248   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 138285   | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 134918   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 105.20% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 172754   | 3.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.80%  |
| 20) 2-Butanone-d5              | 4.70   | 46    | 377250   | 55.07    | ug/L | 0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 110.14% |
| 24) Chloroform-d               | 5.11   | 84    | 251898   | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.60% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 139500   | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.20%  |
| 32) Benzene-d6                 | 5.77   | 84    | 469658   | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 165137   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.60%  |
| 41) Toluene-d8                 | 7.93   | 98    | 374758   | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.20%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 56825    | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.40%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 281570   | 52.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.14% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 141848   | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 118861   | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.00% |

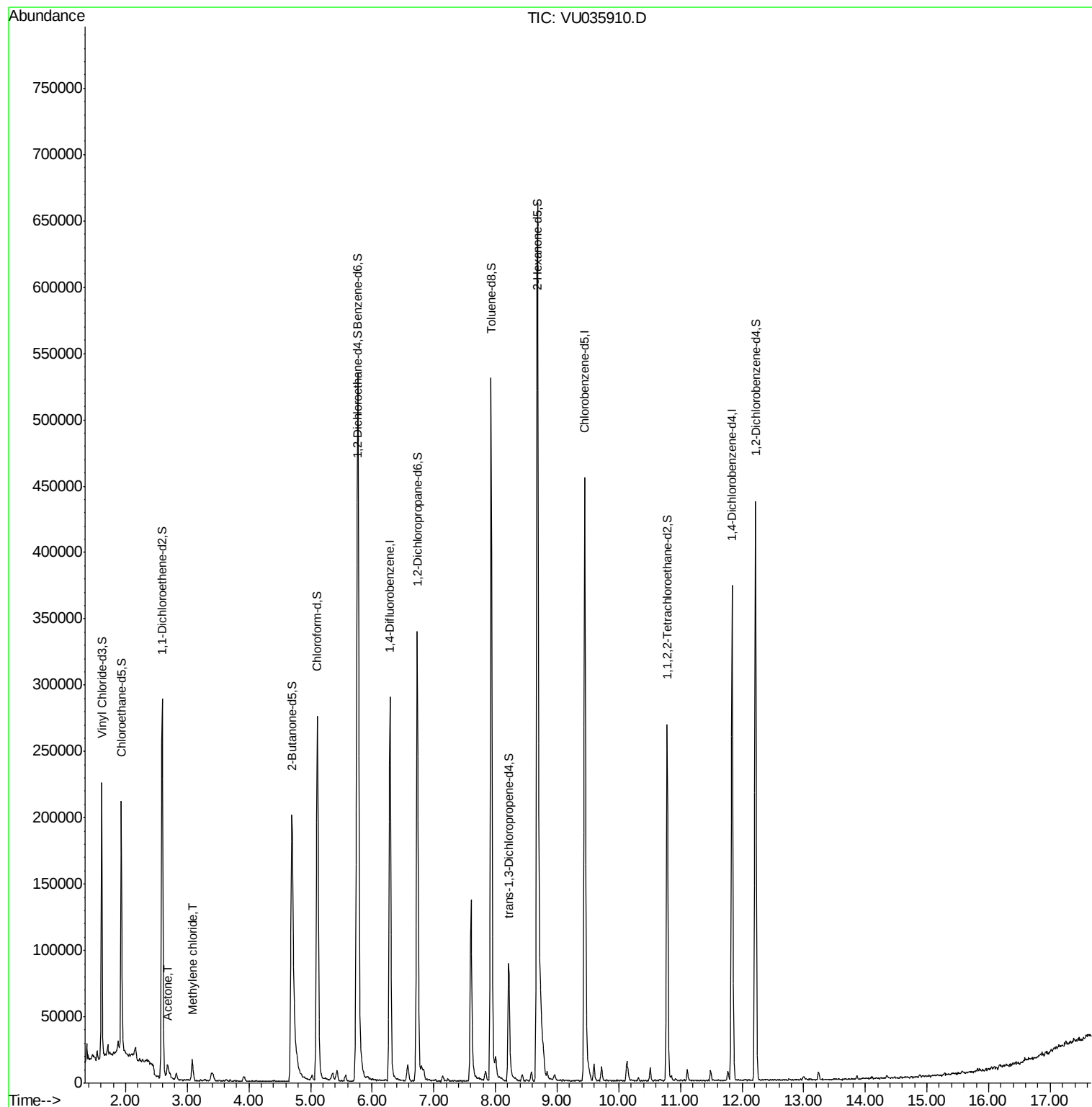
| Target Compounds       |      |    |       | Ovalue        |
|------------------------|------|----|-------|---------------|
| 13) Acetone            | 2.68 | 43 | 15905 | 2.644 ug/L 99 |
| 16) Methylene chloride | 3.08 | 84 | 7252  | 0.255 ug/L 81 |

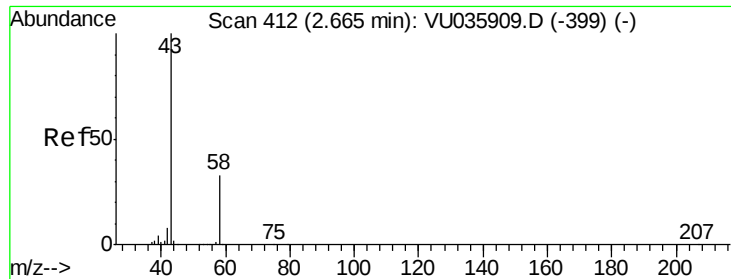
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 30 03:20:00 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.644 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU035910.D

Acq: 29 Nov 2019 09:58

Instrument :

MSVOA\_U

ClientSampleId :

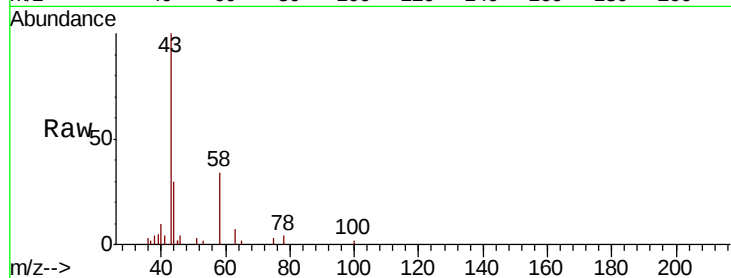
VBLK17

Tot Ion: 43 Resp: 15905

Ion Ratio Lower Upper

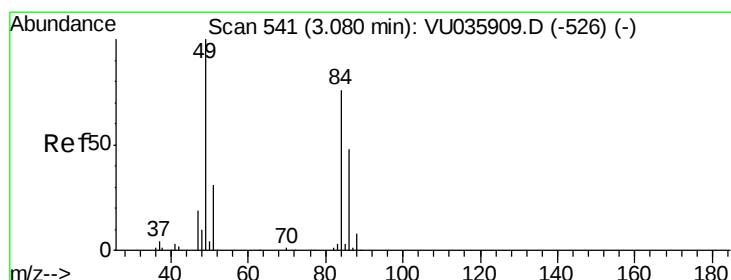
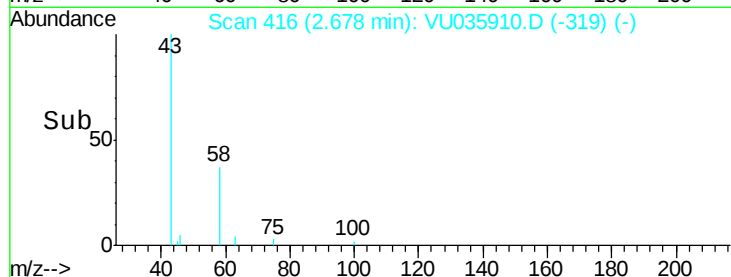
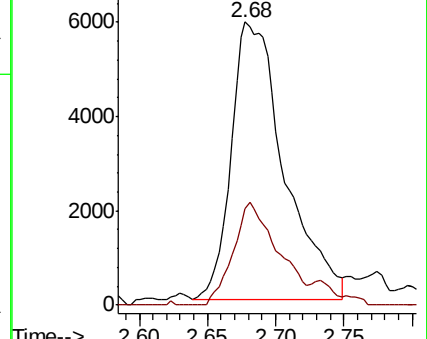
43 100

58 31.2 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035910.D (-416) (-)

Ion 58.05 (57.75 to 58.75): VU035910.D (-416) (-)



#16

Methylene chloride

Concen: 0.255 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU035910.D

Acq: 29 Nov 2019 09:58

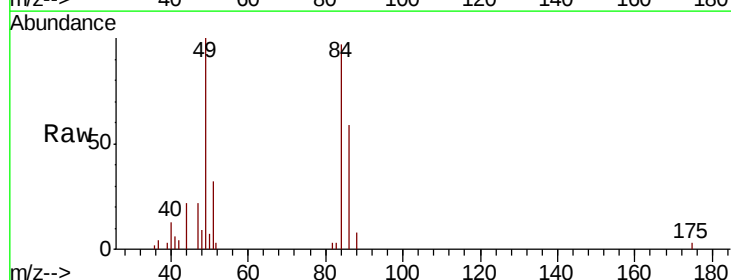
Tgt Ion: 84 Resp: 7252

Ion Ratio Lower Upper

84 100

86 60.6 44.4 82.5

49 102.9 94.0 174.6



Abundance Ion 84.05 (83.75 to 84.75): VU035910.D (-541) (-)

Ion 86.00 (85.70 to 86.70): VU035910.D (-541) (-)

Ion 49.10 (48.80 to 49.80): VU035910.D (-541) (-)

