

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120519\  
 Data File : VU035991.D  
 Acq On : 05 Dec 2019 13:56  
 Operator : JC/SP  
 Sample : K6055-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Dec 06 01:16:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Dec 06 00:57:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 270157   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 299438   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 96256    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 140663   | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 116582   | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 153897   | 3.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.60%  |
| 20) 2-Butanone-d5              | 4.70   | 46    | 286824   | 52.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.20% |
| 24) Chloroform-d               | 5.11   | 84    | 223302   | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.60% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 117026   | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.60% |
| 32) Benzene-d6                 | 5.77   | 84    | 423025   | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 136646   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.20%  |
| 41) Toluene-d8                 | 7.93   | 98    | 341266   | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.60%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 51359    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.60%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 210948   | 46.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.48%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 119761   | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 113571   | 5.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 114.20% |

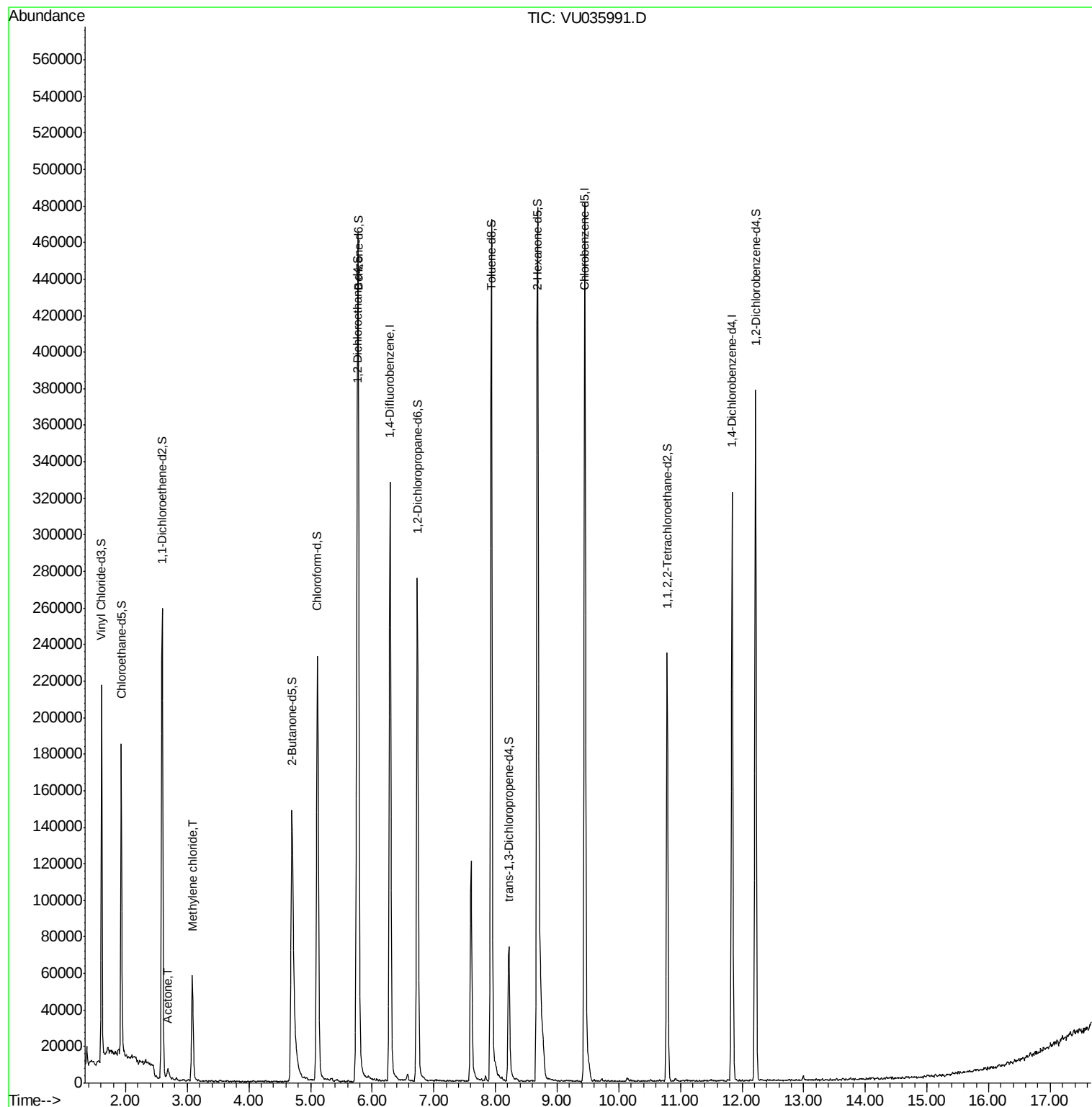
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 2.69 | 43 | 8544  | 1.733 ug/L | 98     |
| 16) Methylene chloride | 3.09 | 84 | 29133 | 0.971 ug/L | 97     |

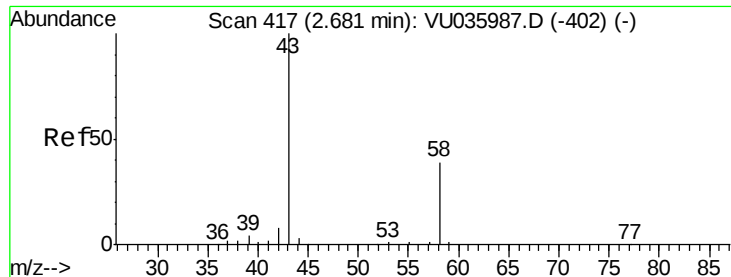
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.733 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU035991.D

Acq: 05 Dec 2019 13:56

Instrument :

MSVOA\_U

ClientSampleId :

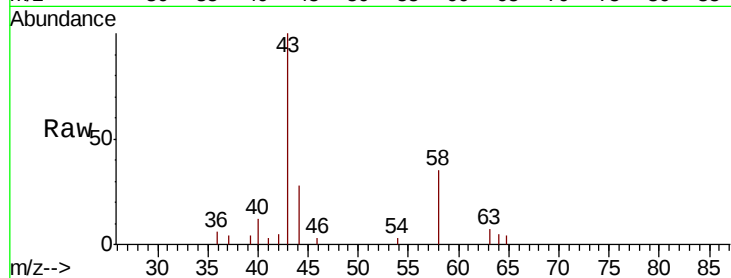
VHBLK01

Tot Ion: 43 Resp: 8544

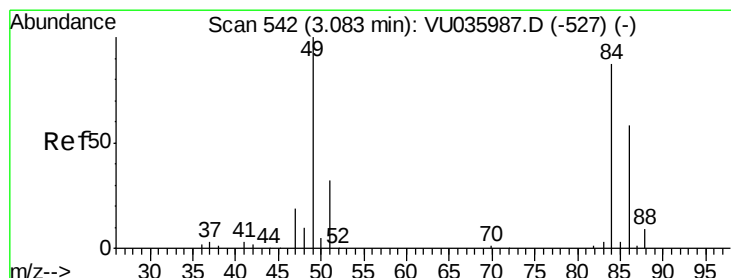
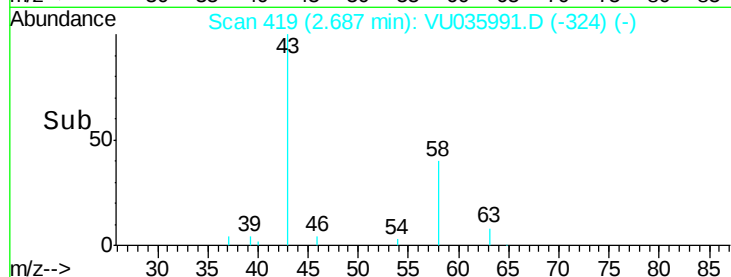
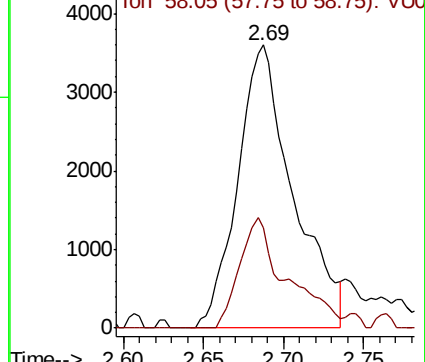
Ion Ratio Lower Upper

43 100

58 33.1 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035991.D (-324) (-)



#16

Methylene chloride

Concen: 0.971 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU035991.D

Acq: 05 Dec 2019 13:56

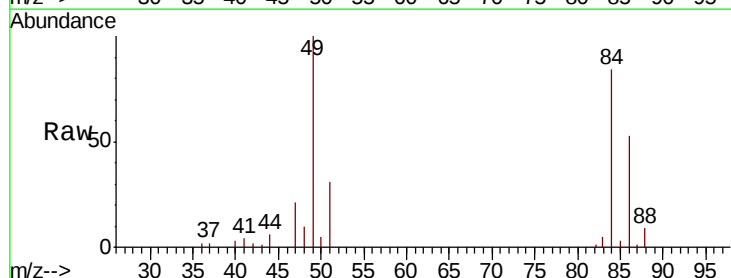
Tgt Ion: 84 Resp: 29133

Ion Ratio Lower Upper

84 100

86 62.8 44.7 82.9

49 118.8 86.2 160.2



Abundance Ion 84.05 (83.75 to 84.75): VU035991.D (-449) (-)

