

Data File : VU034372.D  
Acq On : 07 Sep 2019 11:48  
Operator : JC/SP  
Sample : K4682-07  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
H0BN1

Quant Time: Sep 08 02:32:49 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR090119WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Sep 03 14:18:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 363687   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 350876   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 176840   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 75703    | 3.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 61.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 67094    | 3.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 68.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 112611   | 2.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 49.00%# |
| 20) 2-Butanone-d5              | 4.17   | 46    | 207114   | 36.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 73.20%  |
| 24) Chloroform-d               | 4.63   | 84    | 155573   | 3.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 72.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 76544    | 3.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 71.80%  |
| 32) Benzene-d6                 | 5.32   | 84    | 335839   | 3.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 73.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 107266   | 3.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 75.40%  |
| 41) Toluene-d8                 | 7.55   | 98    | 300809   | 3.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 70.20%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 37001    | 3.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 73.20%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 162013   | 37.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 74.00%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 82346    | 3.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 78.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84  | 152   | 126226   | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 83.00%  |

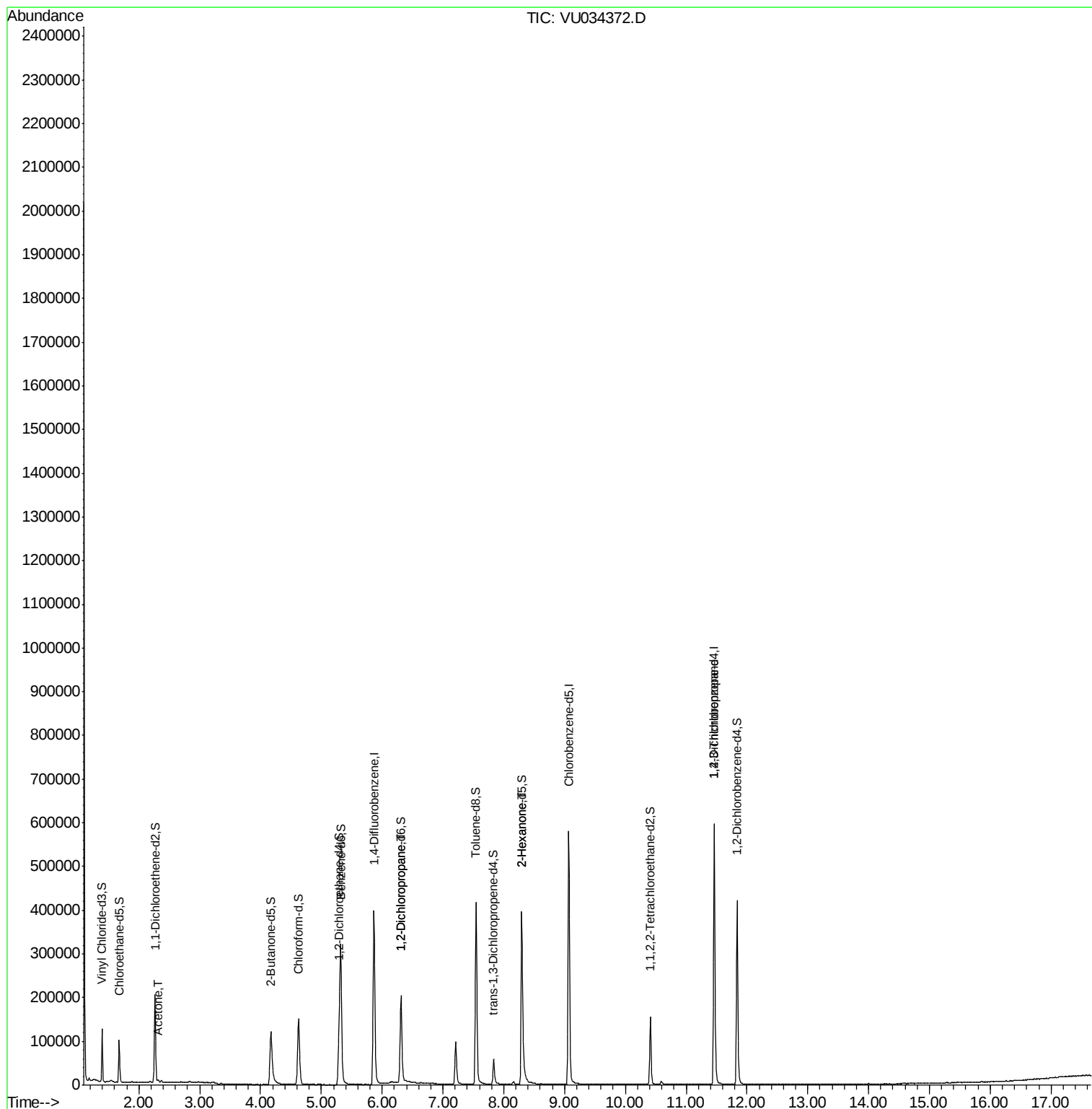
| Target Compounds           |       |    |       |              | Qvalue |
|----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                | 2.32  | 43 | 5138  | 1.356 ug/L   | 98     |
| 37) 1,2-Dichloropropane    | 6.31  | 63 | 10841 | 0.396 ug/L # | 88     |
| 48) 2-Hexanone             | 8.30  | 43 | 17257 | 1.633 ug/L # | 69     |
| 59) 1,2,3-Trichloropropane | 11.46 | 75 | 18646 | 1.191 ug/L   | 94     |

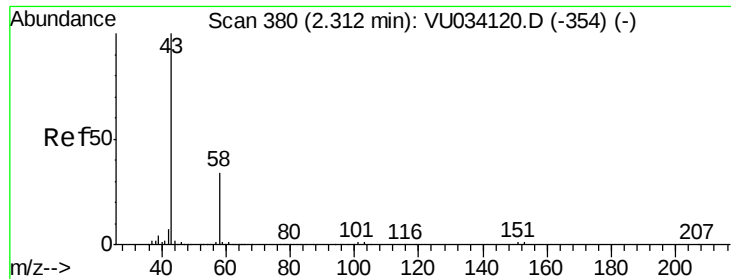
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.356 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.01 min

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Acq: 07 Sep 2019 11:48

Instrument :

MSVOA\_U

ClientSampleId :

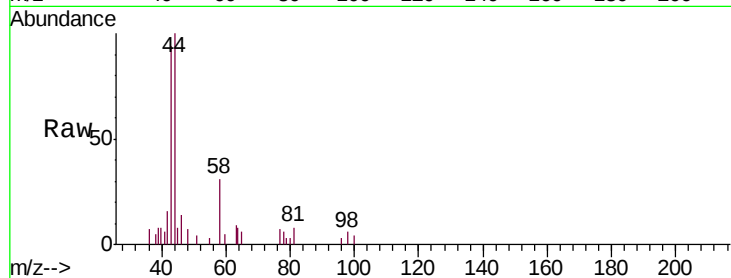
H0BN1

Tgt Ion: 43 Resp: 5138

Ion Ratio Lower Upper

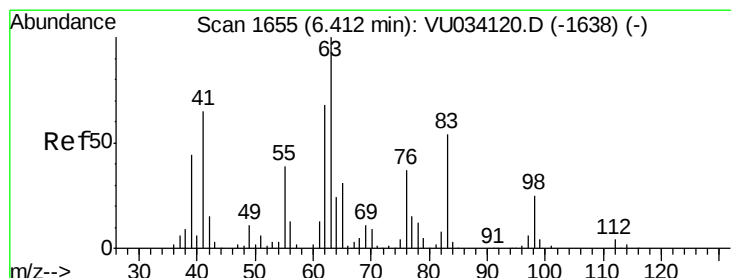
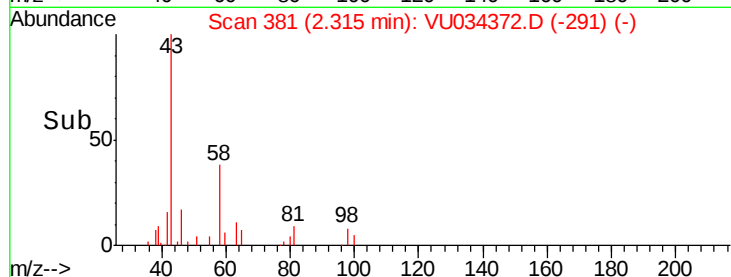
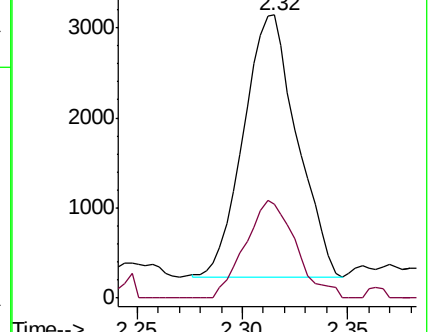
43 100

58 35.1 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034120.D (-354) (-)

Ion 58.05 (57.75 to 58.75): VU034120.D (-354) (-)



#37

1,2-Dichloropropane

Concen: 0.396 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU034372.D

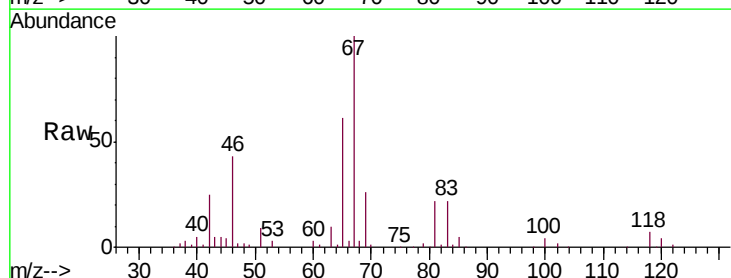
Acq: 07 Sep 2019 11:48

Tgt Ion: 63 Resp: 10841

Ion Ratio Lower Upper

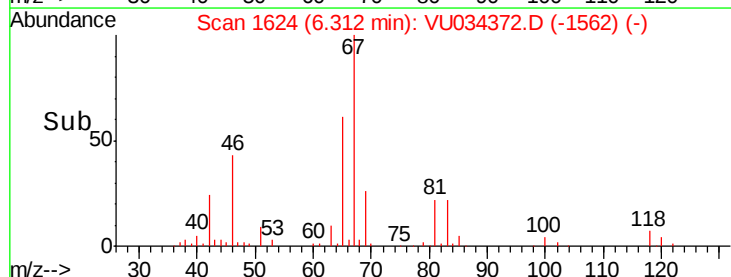
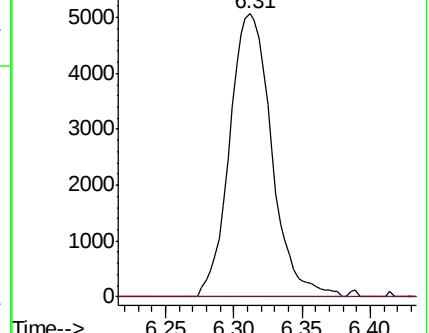
63 100

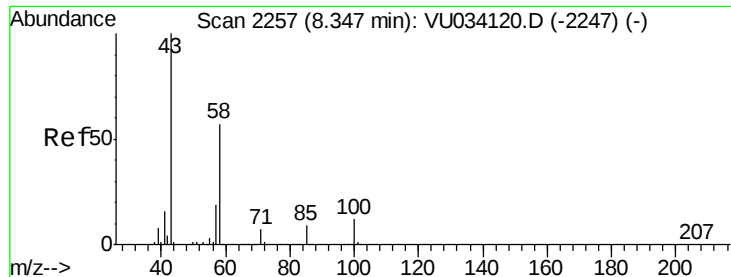
112 0.2 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU034120.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VU034120.D (-1638) (-)

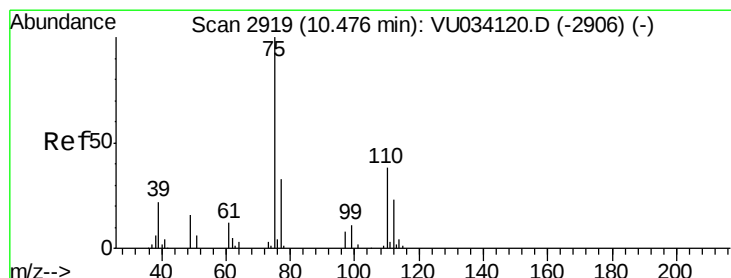
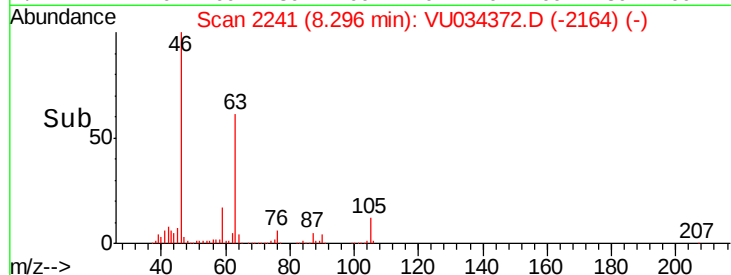
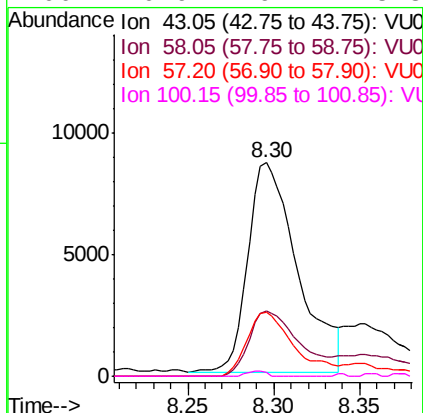
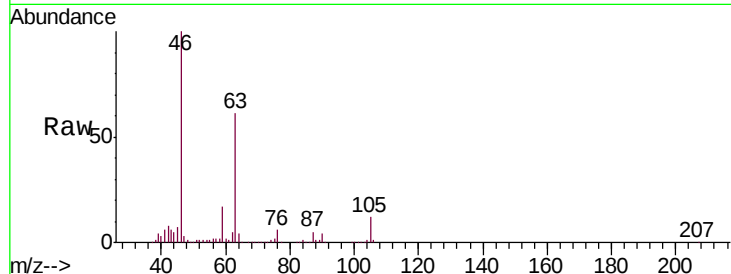




#48  
 2-Hexanone  
 Concen: 1.633 ug/L  
 RT: 8.30 min Scan# 2241  
 Delta R.T. -0.05 min  
 Lab File: VU034372.D  
 Acq: 07 Sep 2019 11:48

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0BN1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 17257 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.0  | 44.9  | 67.3# |
| 57       | 29.1  | 15.0  | 22.6# |
| 100      | 0.9   | 9.2   | 13.8# |



#59  
 1,2,3-Trichloropropane  
 Concen: 1.191 ug/L  
 RT: 11.46 min Scan# 3226  
 Delta R.T. 0.99 min  
 Lab File: VU034372.D  
 Acq: 07 Sep 2019 11:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 18646 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 36.1  | 26.0  | 39.0  |

