

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU071718\  
 Data File : VU025480.D  
 Acq On : 18 Jul 2018 00:49  
 Operator : MD/SY  
 Sample : J4024-13  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB1R8

Quant Time: Jul 18 06:48:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071718WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 18 06:47:36 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 333903   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 296146   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 135133   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 69567    | 44.18    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 88.36% |
| 7) Chloroethane-d5             | 1.68    | 69    | 61102    | 45.55    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.10% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 119401   | 34.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.06% |
| 21) 2-Butanone-d5              | 4.18    | 46    | 153251   | 91.46    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 91.46% |
| 24) Chloroform-d               | 4.65    | 84    | 185360   | 45.38    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.76% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 132420   | 47.64    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.28% |
| 32) Benzene-d6                 | 5.35    | 84    | 353807   | 49.44    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.88% |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 118025   | 49.80    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.60% |
| 41) Toluene-d8                 | 7.57    | 98    | 331813   | 47.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.80% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 58408    | 47.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.68% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 111257   | 90.55    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 90.55% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 164844   | 46.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.70% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 132769   | 49.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.06% |

## Target Compounds

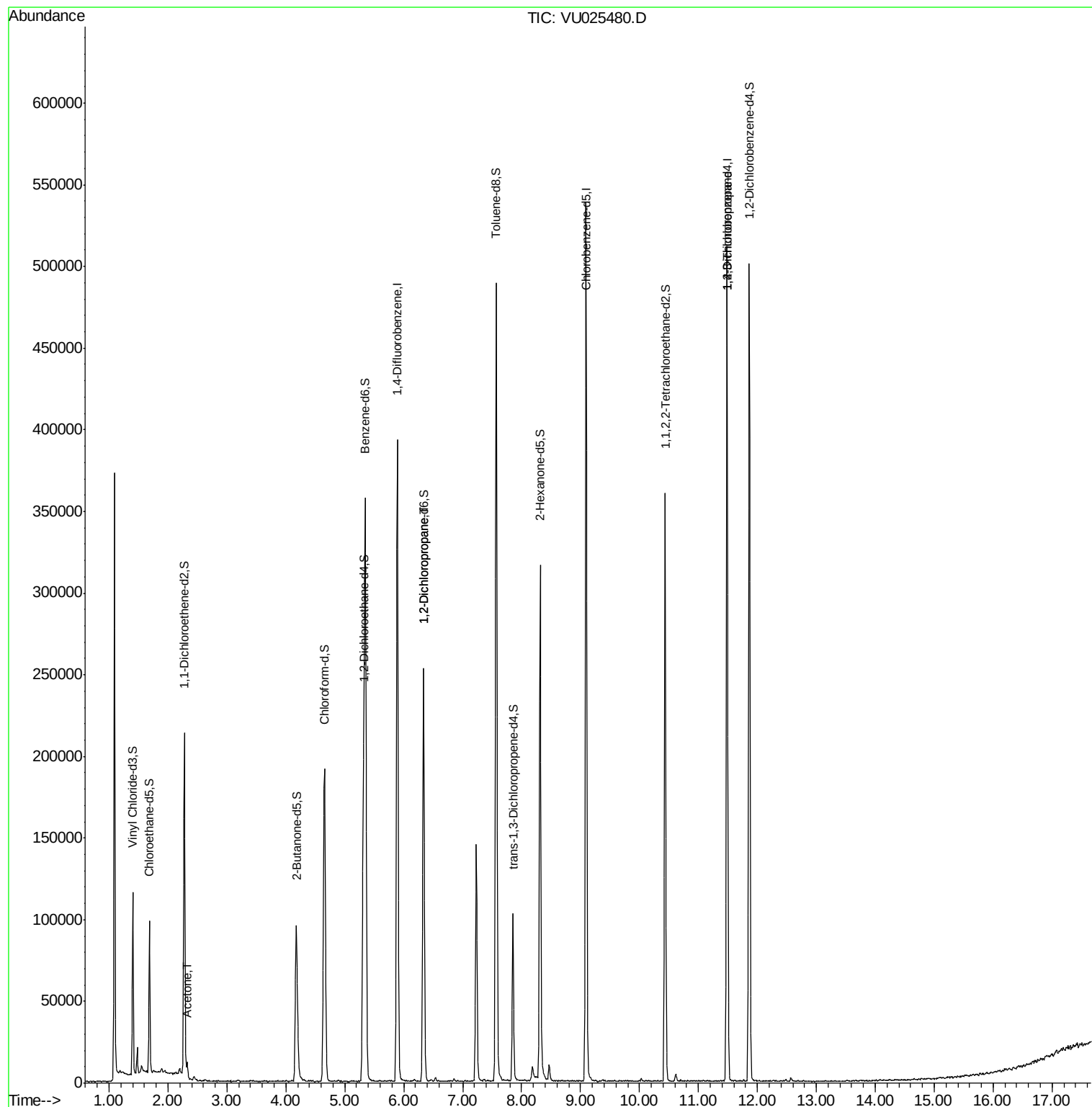
|                            |       |    |       |              | Qvalue |
|----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                | 2.32  | 43 | 9977  | 6.819 ug/L   | 100    |
| 37) 1,2-Dichloropropane    | 6.34  | 63 | 13819 | 5.718 ug/L # | 88     |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 14337 | 4.461 ug/L # | 79     |

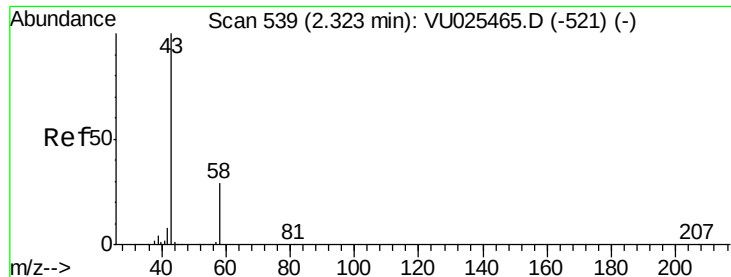
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.819 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025480.D

Acq: 18 Jul 2018 00:49

Instrument :

MSVOA\_U

ClientSampled :

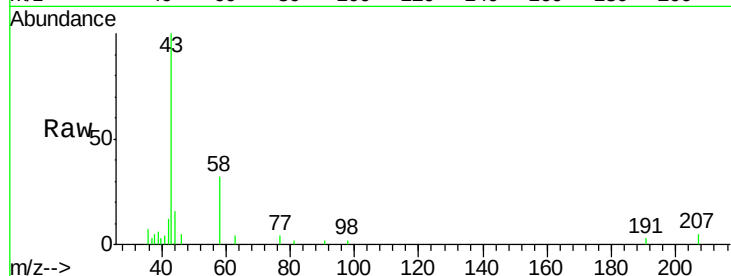
DB1R8

Tgt Ion: 43 Resp: 9977

Ion Ratio Lower Upper

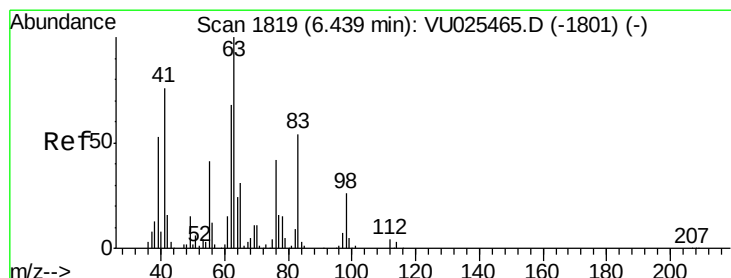
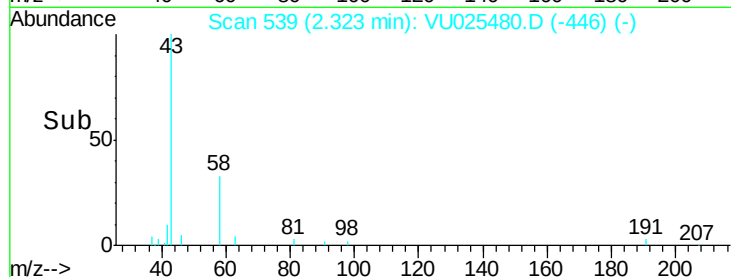
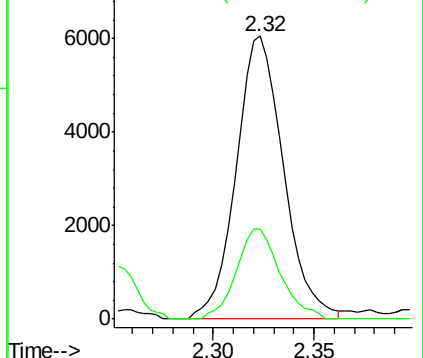
43 100

58 29.5 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.718 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025480.D

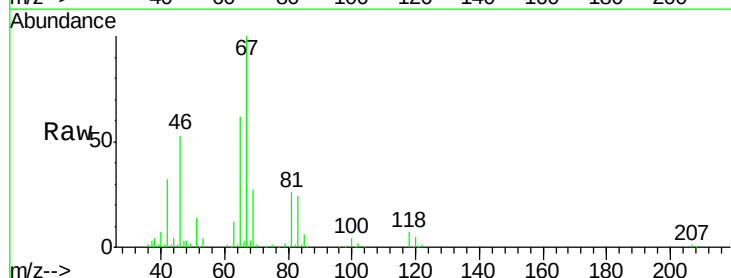
Acq: 18 Jul 2018 00:49

Tgt Ion: 63 Resp: 13819

Ion Ratio Lower Upper

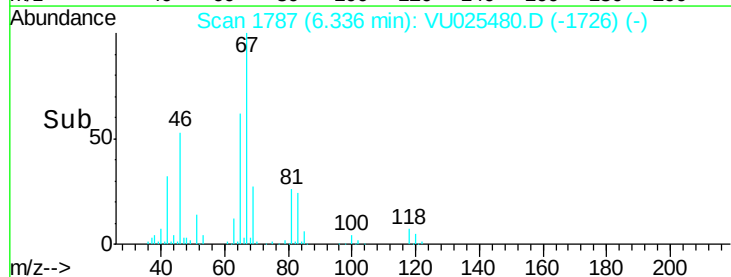
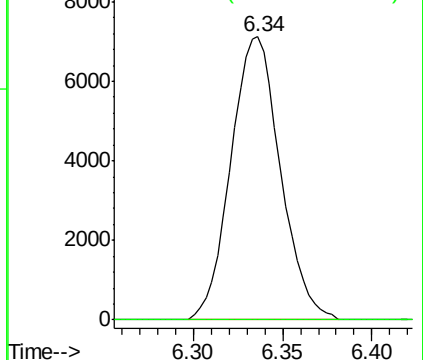
63 100

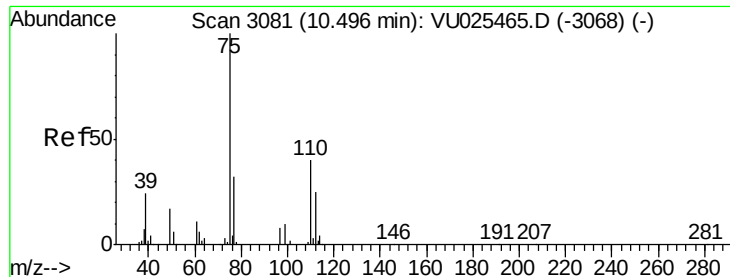
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 4.461 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025480.D

Acq: 18 Jul 2018 00:49

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MSVOA\_U

ClientSampleId :

DB1R8

Tgt Ion: 75 Resp: 14337

Ion Ratio Lower Upper

75 100

77 44.8 26.2 39.2#

