

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU080418\  
 Data File : VU025855.D  
 Acq On : 04 Aug 2018 05:40  
 Operator : MD/SY  
 Sample : J4243-03  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AD4

Quant Time: Aug 04 06:33:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM072018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 04 04:39:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 327326   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 309280   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 147417   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 70386    | 37.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 75.34%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 60500    | 39.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 78.50%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 114619   | 29.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 58.92%# |
| 21) 2-Butanone-d5              | 4.18    | 46    | 122269   | 84.75    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 84.75%  |
| 24) Chloroform-d               | 4.65    | 84    | 164997   | 39.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 79.28%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 116563   | 42.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.68%  |
| 32) Benzene-d6                 | 5.35    | 84    | 319233   | 40.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 80.50%  |
| 36) 1,2-Dichloropropane-d6     | 6.34    | 67    | 104542   | 40.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 81.80%  |
| 41) Toluene-d8                 | 7.57    | 98    | 297396   | 39.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 78.20%# |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 46248    | 35.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.84%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 84924    | 79.35    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.35%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44   | 84    | 139316   | 38.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 77.94%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 123416   | 41.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 82.62%  |

## Target Compounds

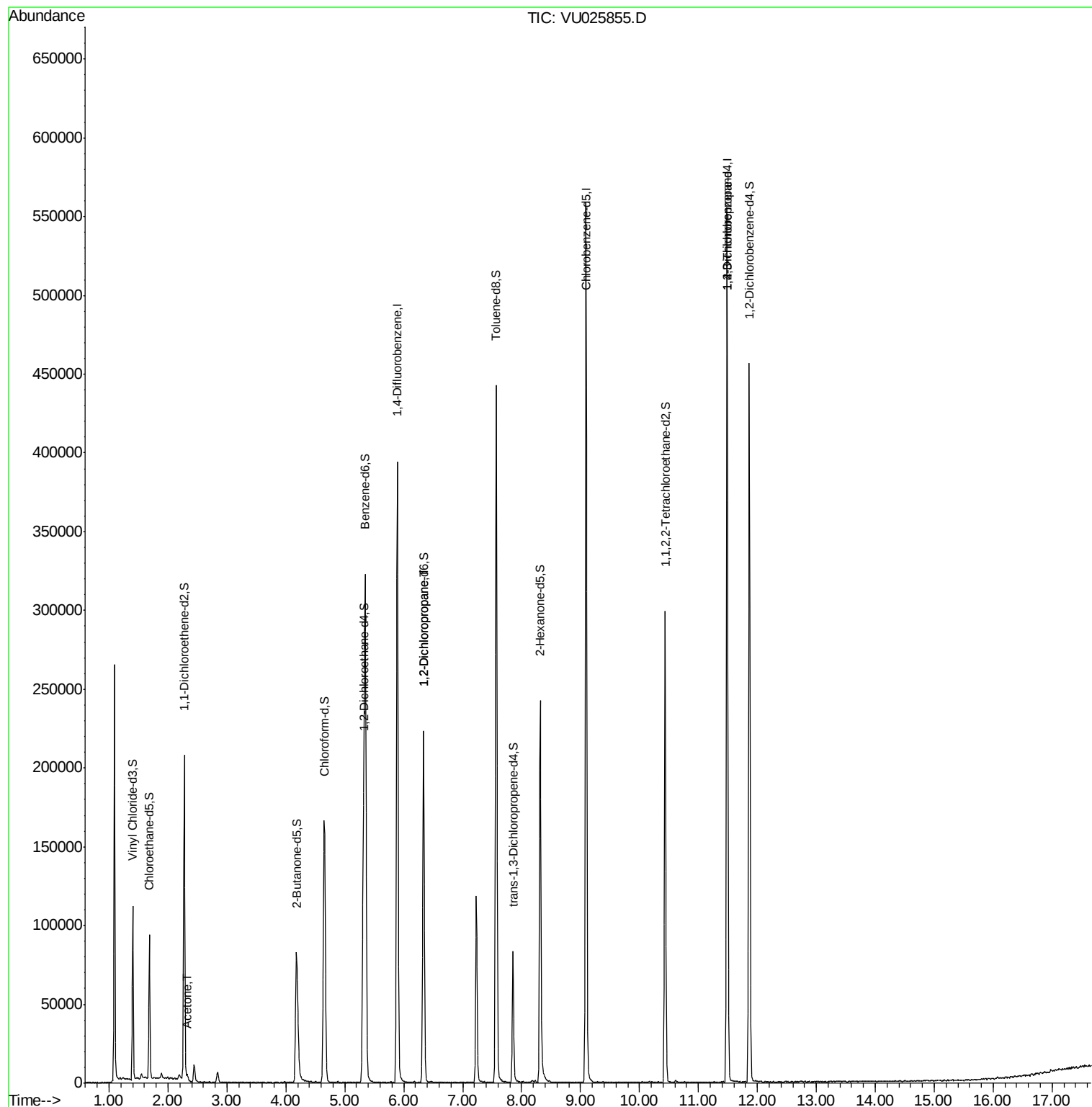
|                            |       |    |       |              | Qvalue |
|----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                | 2.32  | 43 | 3443  | 2.033 ug/L   | 95     |
| 37) 1,2-Dichloropropane    | 6.33  | 63 | 11608 | 4.780 ug/L # | 88     |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 16050 | 5.627 ug/L # | 87     |

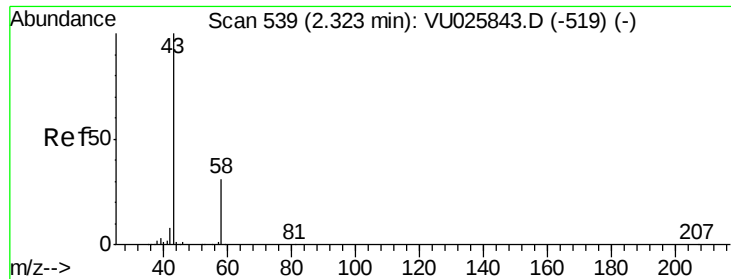
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 04 04:39:04 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 2.033 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025855.D

Acq: 04 Aug 2018 05:40

Instrument :

MSVOA\_U

ClientSampleId :

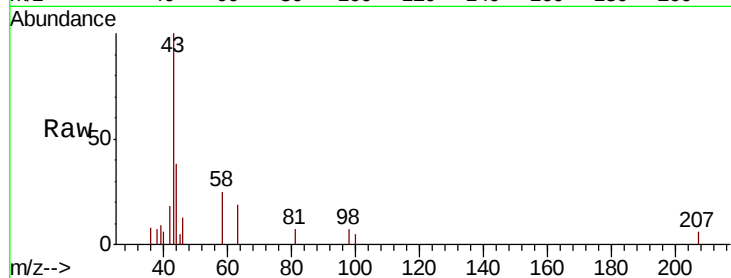
C0AD4

Tgt Ion: 43 Resp: 3443

Ion Ratio Lower Upper

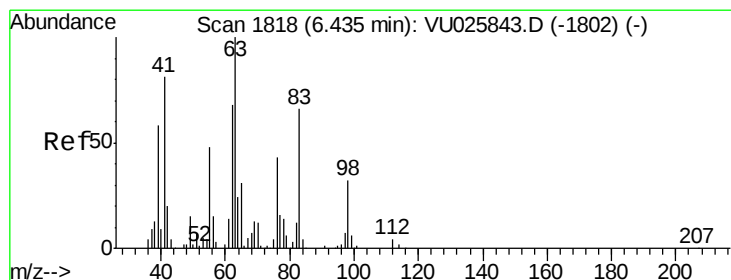
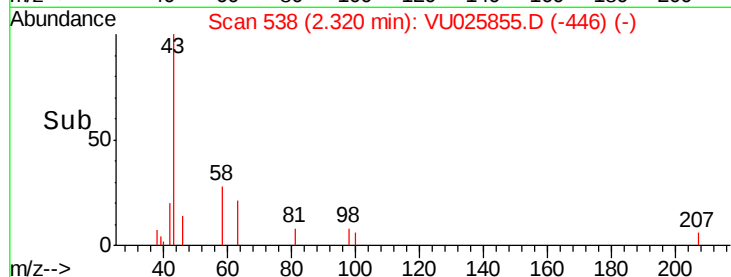
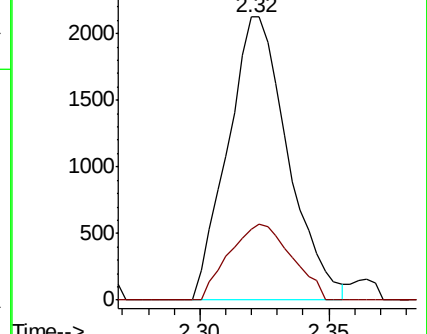
43 100

58 27.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU025843.D (-519) (-)

Ion 58.00 (57.70 to 58.70): VU025843.D (-519) (-)



#37

1,2-Dichloropropane

Concen: 4.780 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025855.D

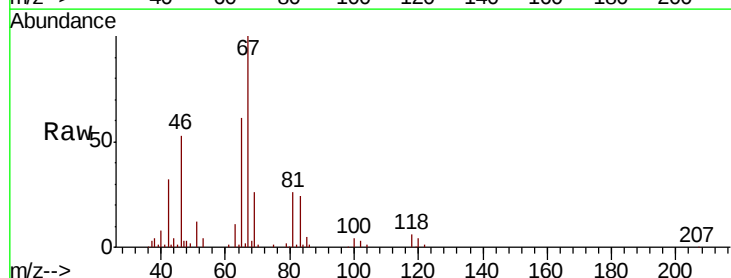
Acq: 04 Aug 2018 05:40

Tgt Ion: 63 Resp: 11608

Ion Ratio Lower Upper

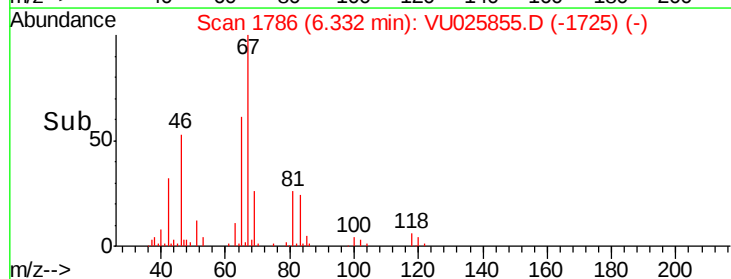
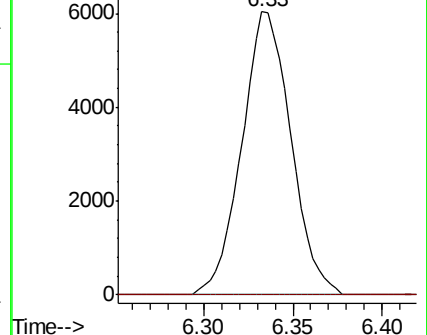
63 100

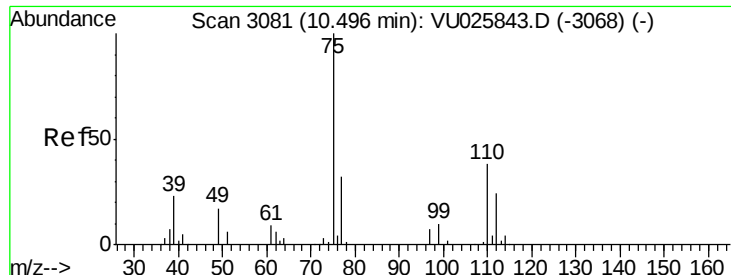
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU025843.D (-1802) (-)

Ion 112.00 (111.70 to 112.70): VU025843.D (-1802) (-)





#59

1,2,3-Trichloropropane

Concen: 5.627 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025855.D

Acq: 04 Aug 2018 05:40

Instrument :

MSVOA\_U

ClientSampleId :

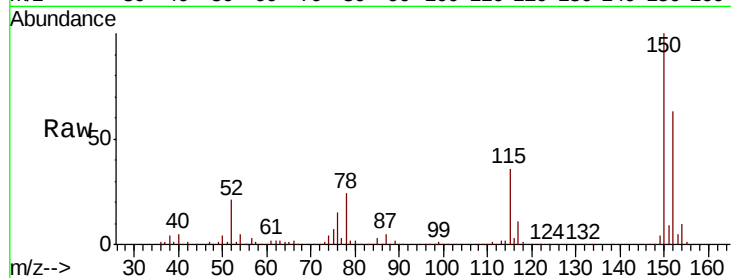
C0AD4

Tgt Ion: 75 Resp: 16050

Ion Ratio Lower Upper

75 100

77 39.6 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

