

Data File : VV014622.D  
Acq On : 20 Feb 2020 14:40  
Operator : SY/MD  
Sample : L1584-10  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AM6

Quant Time: Feb 21 03:34:36 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM021220WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 21 03:31:59 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 284617   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 264452   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 130722   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 40729    | 37.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 74.52% |
| 7) Chloroethane-d5             | 1.59    | 69    | 31940    | 41.55    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 83.10% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 55424    | 30.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 60.78% |
| 21) 2-Butanone-d5              | 3.92    | 46    | 84938    | 93.71    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.71% |
| 24) Chloroform-d               | 4.40    | 84    | 127418   | 39.97    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 79.94% |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 93939    | 47.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.02% |
| 32) Benzene-d6                 | 5.10    | 84    | 285311   | 45.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.22% |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 87940    | 46.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.34% |
| 41) Toluene-d8                 | 7.35    | 98    | 264840   | 43.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.06% |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 45869    | 43.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 87.34% |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 70304    | 92.36    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.36% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 123788   | 47.88    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.76% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 109984   | 47.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.24% |

#### Target Compounds

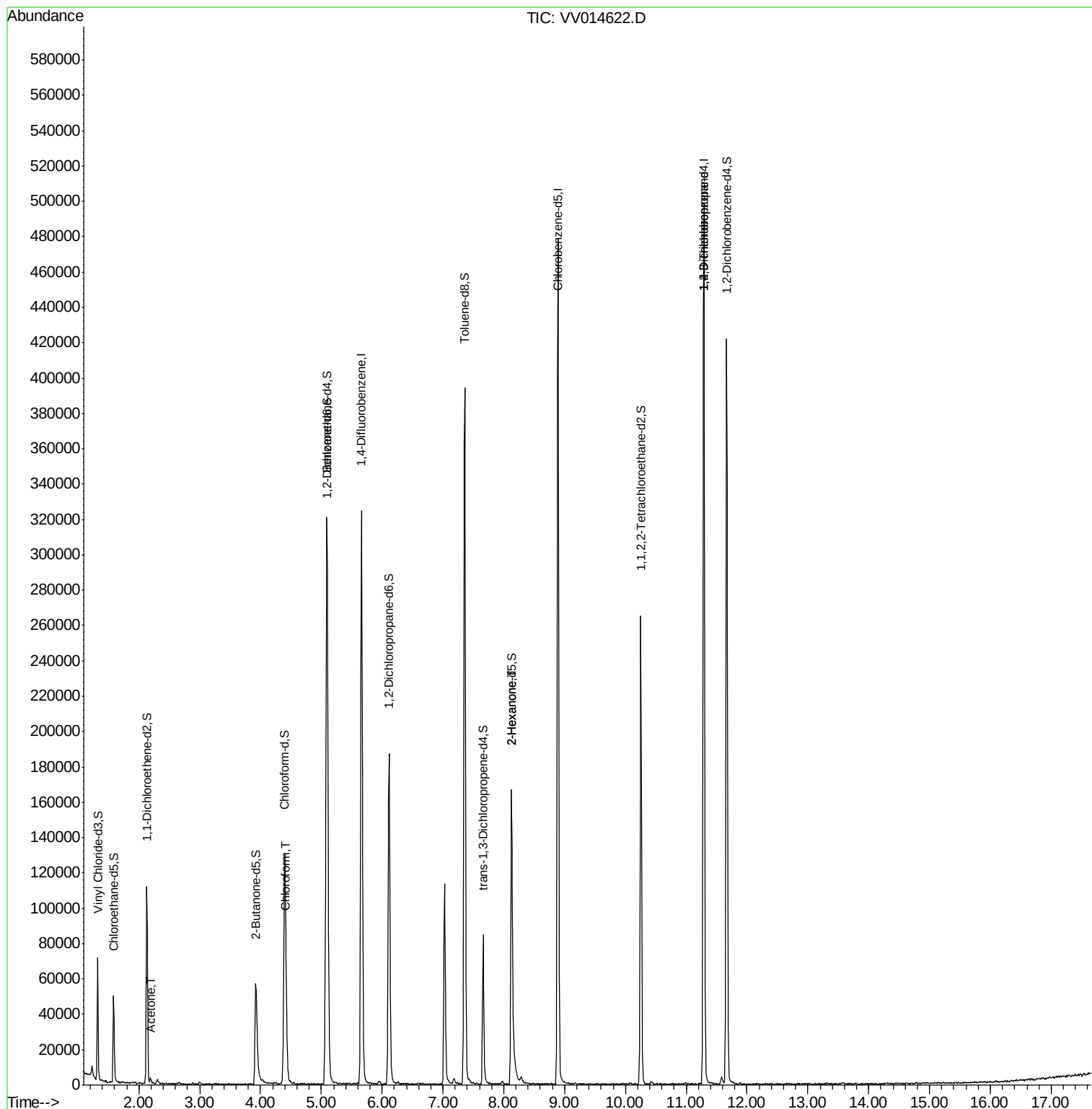
|                            |       |    |       |              | Qvalue |
|----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                | 2.19  | 43 | 2586  | 3.326 ug/L   | 96     |
| 25) Chloroform             | 4.43  | 83 | 17848 | 5.343 ug/L   | 99     |
| 48) 2-Hexanone             | 8.13  | 43 | 8138  | 4.929 ug/L # | 69     |
| 59) 1,2,3-Trichloropropane | 11.29 | 75 | 15088 | 6.838 ug/L   | 95     |

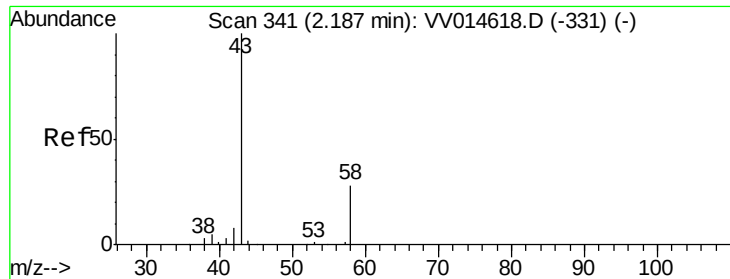
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.326 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 20 Feb 2020 14:40

Instrument :

MSVOA\_V

ClientSampled :

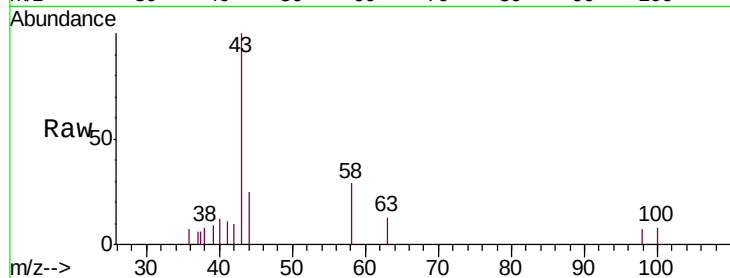
C0AM6

Tgt Ion: 43 Resp: 2586

Ion Ratio Lower Upper

43 100

58 31.4 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV014618.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV014618.D (-331) (-)

2.19

1500

1000

500

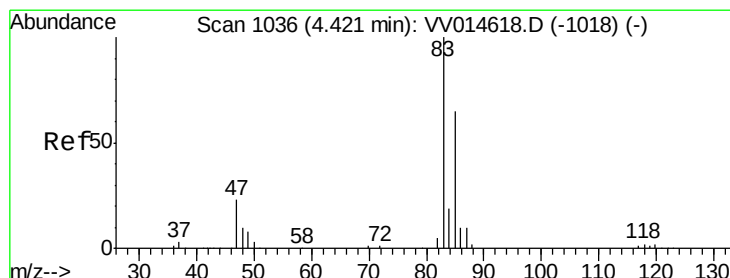
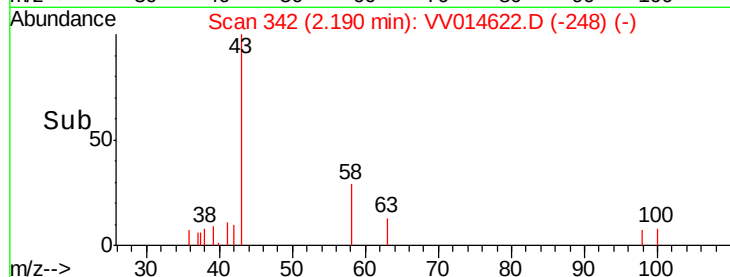
200

0

2.15

2.20

Time-->



#25

Chloroform

Concen: 5.343 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014622.D

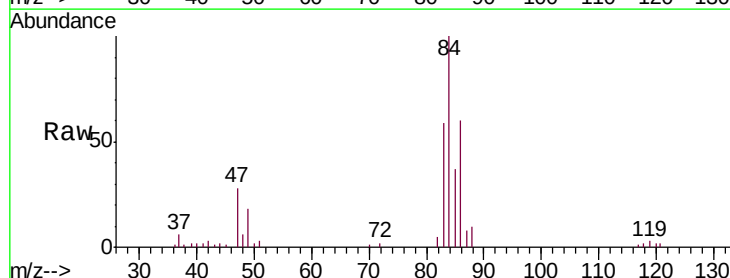
Acq: 20 Feb 2020 14:40

Tgt Ion: 83 Resp: 17848

Ion Ratio Lower Upper

83 100

85 63.6 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV014618.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV014618.D (-1018) (-)

4.43

8000

6000

4000

2000

0

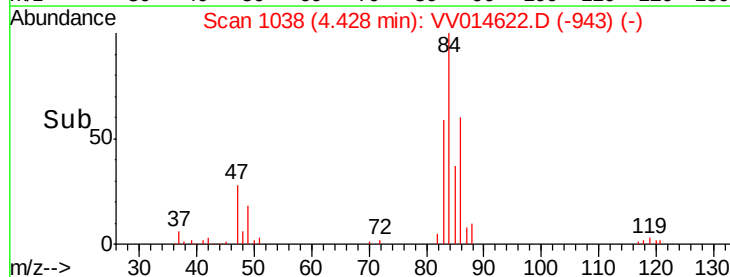
4.35

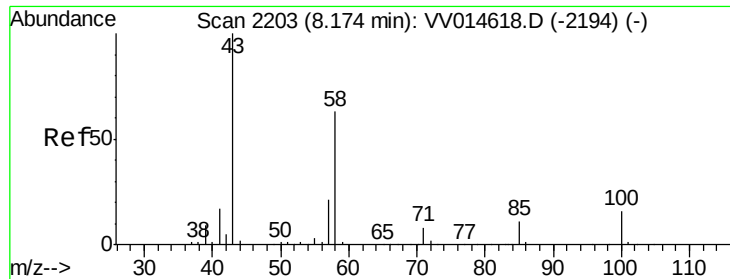
4.40

4.45

4.50

Time-->

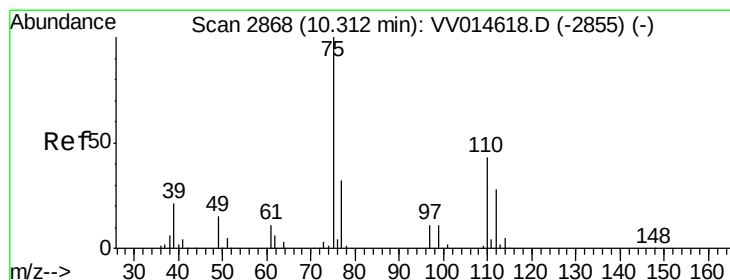
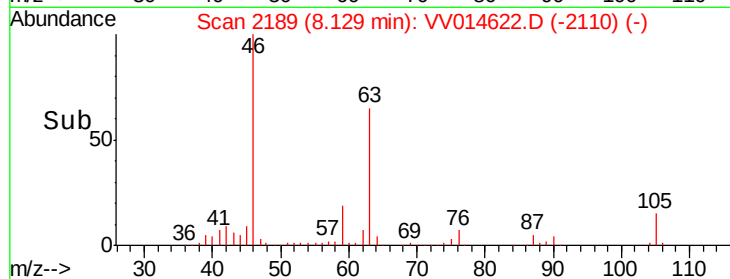
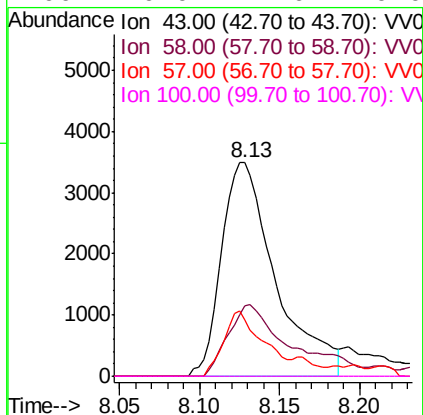
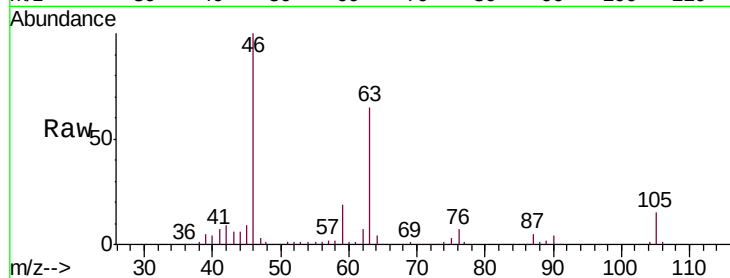




#48  
 2-Hexanone  
 Concen: 4.929 ug/L  
 RT: 8.13 min Scan# 2189  
 Delta R.T. -0.05 min  
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 MSVOA\_V  
 ClientSampleID :  
 C0AM6

Tgt Ion: 43 Resp: 8138  
 Ion Ratio Lower Upper  
 43 100  
 58 32.3 50.4 75.6#  
 57 21.9 17.8 26.6  
 100 0.0 12.6 19.0#



#59  
 1,2,3-Trichloropropane  
 Concen: 6.838 ug/L  
 RT: 11.29 min Scan# 3171  
 Delta R.T. 0.97 min  
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 Acq: 20 Feb 2020 14:40

Tgt Ion: 75 Resp: 15088  
 Ion Ratio Lower Upper  
 75 100  
 77 35.0 25.9 38.9

