

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120519\  
 Data File : VV013912.D  
 Acq On : 05 Dec 2019 13:34  
 Operator : SY/MD  
 Sample : K6165-05  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBBT2

Quant Time: Dec 06 04:24:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 06 04:06:40 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 782512   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 690354   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 274098   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 166998   | 36.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 73.80%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 195795   | 41.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.90%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 290042   | 28.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 57.96%# |
| 21) 2-Butanone-d5              | 3.92    | 46    | 280232   | 87.97    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 87.97%  |
| 24) Chloroform-d               | 4.39    | 84    | 410785   | 43.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.44%  |
| 26) 1,2-Dichloroethane-d4      | 5.07    | 65    | 262396   | 43.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.14%  |
| 32) Benzene-d6                 | 5.09    | 84    | 804171   | 44.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.90%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 251145   | 46.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.54%  |
| 41) Toluene-d8                 | 7.35    | 98    | 679875   | 41.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.38%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 109356   | 41.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.70%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 148748   | 74.19    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 74.19%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 318279   | 40.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 81.86%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 261890   | 48.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.30%  |

## Target Compounds

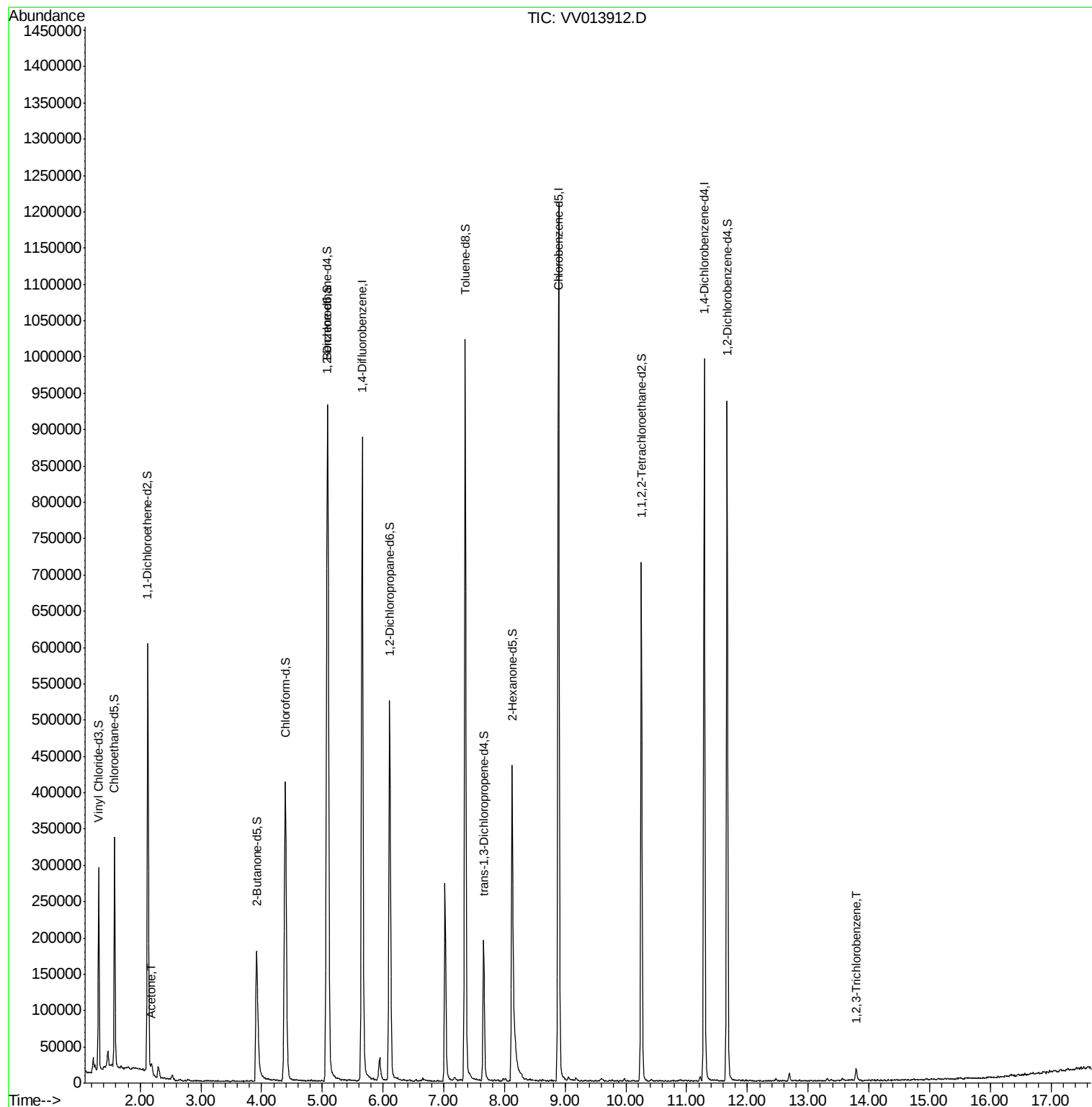
|                            |       |     |      |              | Ovalue |
|----------------------------|-------|-----|------|--------------|--------|
| 13) Acetone                | 2.18  | 43  | 5839 | 1.251 ug/L   | 88     |
| 70) 1,2,3-Trichlorobenzene | 13.79 | 180 | 6245 | 0.906 ug/L # | 90     |

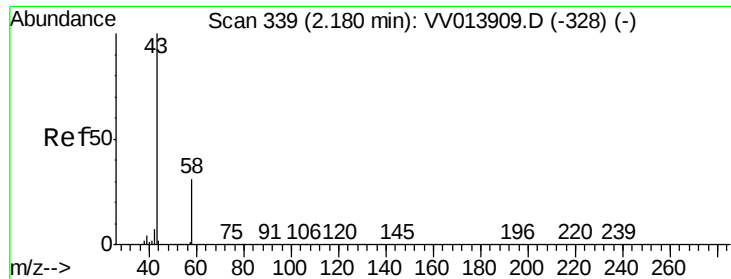
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_V  
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DBBT2

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Quant Title : VOC Analysis  
QLast Update : Fri Dec 06 04:06:40 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 1.251 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013912.D

Acq: 05 Dec 2019 13:34

Instrument :

MSVOA\_V

ClientSampleId :

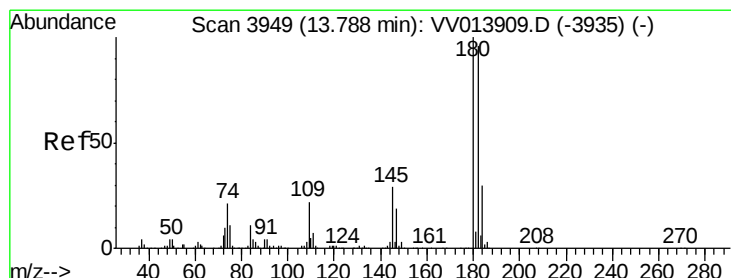
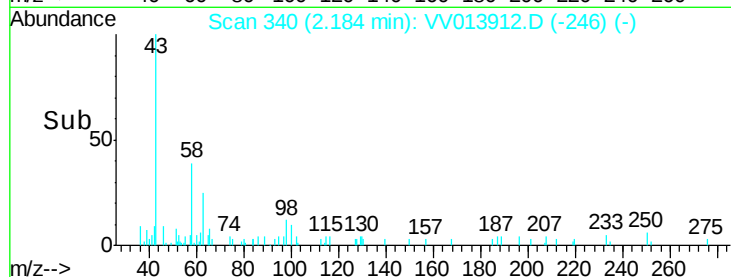
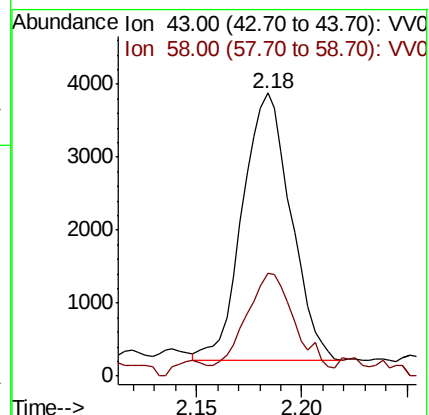
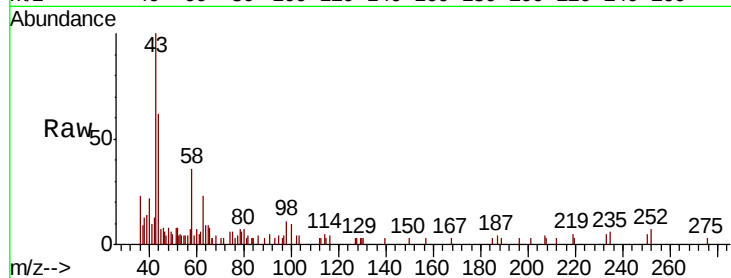
DBBT2

Tot Ion: 43 Resp: 5839

Ion Ratio Lower Upper

43 100

58 36.7 0.0 60.8



#70

1,2,3-Trichlorobenzene

Concen: 0.906 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. 0.01 min

Lab File: VV013912.D

Acq: 05 Dec 2019 13:34

Tgt Ion: 180 Resp: 6245

Ion Ratio Lower Upper

180 100

182 105.1 77.0 115.4

145 21.0 22.6 34.0#

