

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\  
 Data File : VW016013.D  
 Acq On : 30 Jul 2020 15:56  
 Operator : SY/VA  
 Sample : L3492-19  
 Misc : 4.56G/10ML/MSVOA W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 D0AB5

Quant Time: Jul 31 07:23:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 31 06:34:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 417188   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 374185   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 141634   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 119337   | 20.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.08% |
| 7) Chloroethane-d5             | 2.90   | 69    | 97821    | 20.46    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.84% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 183399   | 15.41    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 61.64% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 68288    | 44.16    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 88.32% |
| 24) Chloroform-d               | 7.65   | 84    | 251968   | 21.50    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 86.00% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 139337   | 21.66    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 86.64% |
| 29) Benzene-d6                 | 8.27   | 84    | 509996   | 22.39    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 89.56% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 158829   | 23.26    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.04% |
| 37) Toluene-d8                 | 10.32  | 98    | 439978   | 21.33    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 85.32% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 60596    | 20.82    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 83.28% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 50070    | 44.04    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 88.08% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 122168   | 23.28    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 93.12% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 126658   | 22.93    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 91.72% |

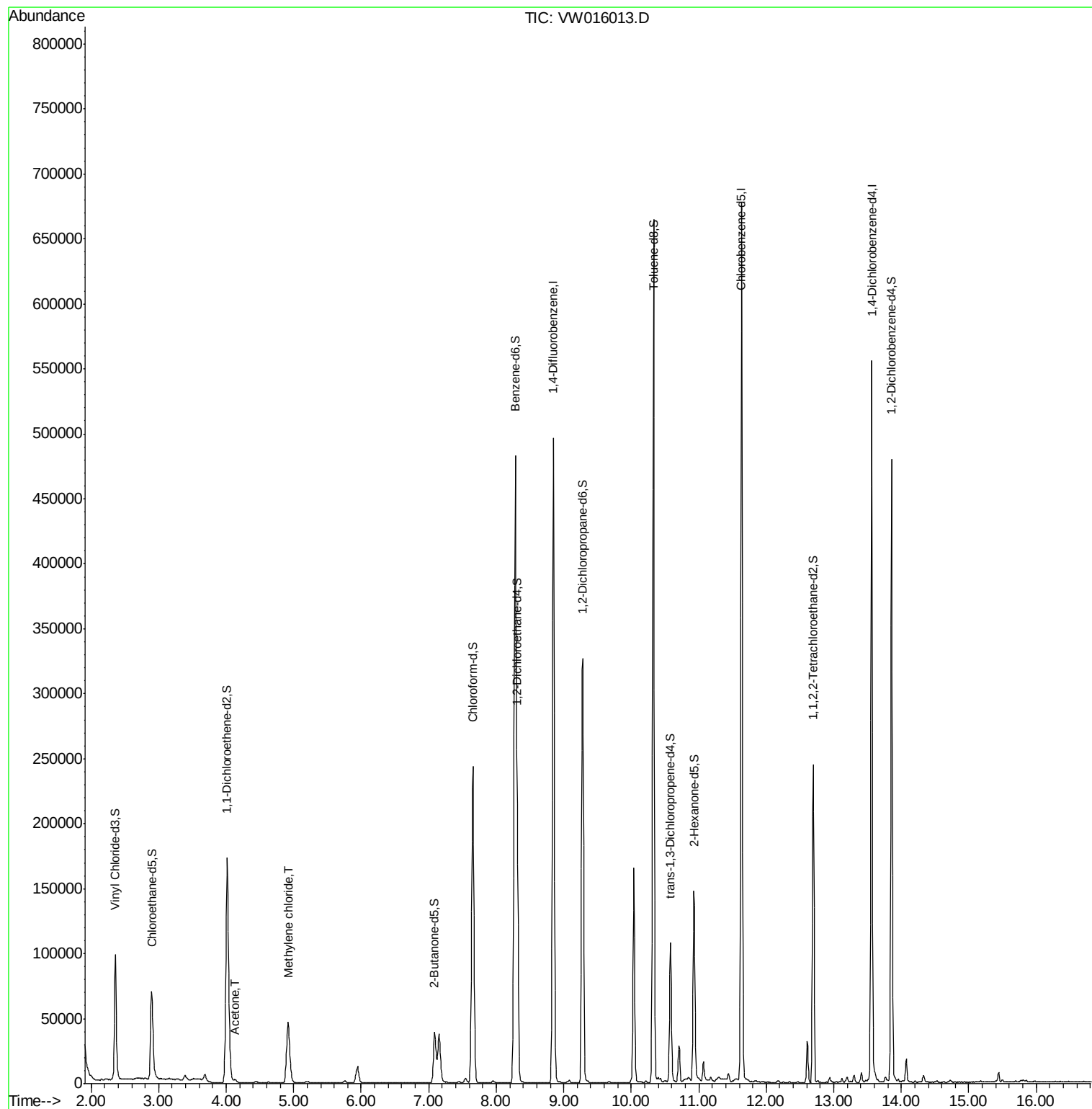
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.14 | 43 | 3307  | 2.547 ug/L | 87     |
| 16) Methylene chloride | 4.92 | 84 | 39273 | 5.745 ug/L | 94     |

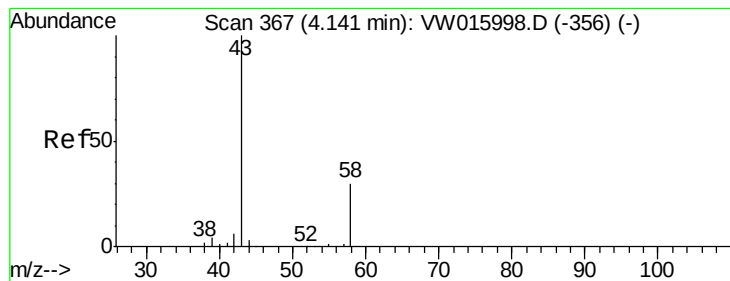
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
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Response via : Initial Calibration





#13

Acetone

Concen: 2.547 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016013.D

Acq: 30 Jul 2020 15:56

Instrument :

MSVOA\_W

ClientSampleId :

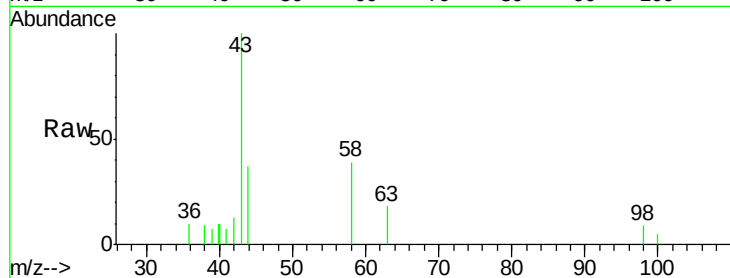
D0AB5

Tot Ion: 43 Resp: 3307

Ion Ratio Lower Upper

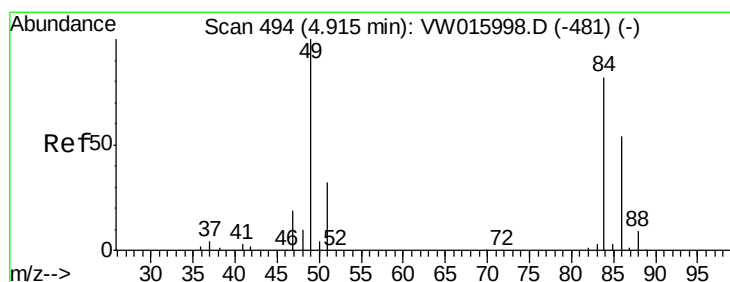
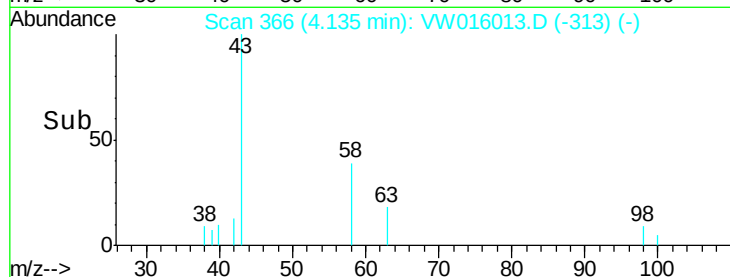
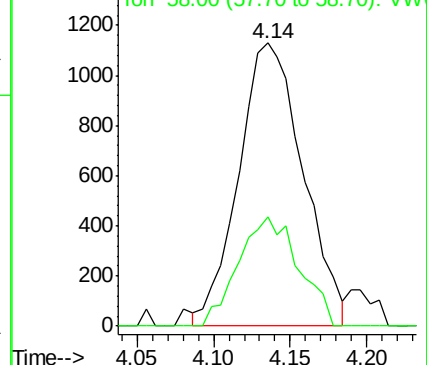
43 100

58 36.2 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.745 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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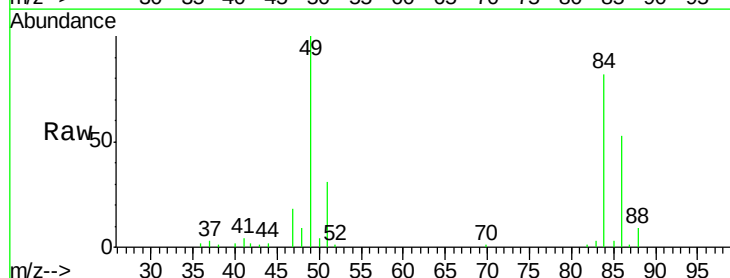
Tgt Ion: 84 Resp: 39273

Ion Ratio Lower Upper

84 100

49 121.3 91.1 169.1

86 64.2 46.0 85.4



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

