

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\  
 Data File : VW003407.D  
 Acq On : 22 Jun 2018 00:31  
 Operator : SY/AP  
 Sample : J3619-15  
 Misc : 7.42G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DAZ85

Quant Time: Jun 22 07:29:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 22 07:26:48 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 265073   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 242458   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 90730    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 86700    | 24.12    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.48%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 75230    | 25.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 100.32% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 127154   | 17.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 71.24%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 66432    | 58.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 117.28% |
| 24) Chloroform-d               | 7.65   | 84    | 175279   | 25.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 100.56% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 111451   | 26.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 107.60% |
| 29) Benzene-d6                 | 8.28   | 84    | 323996   | 25.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 100.72% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 107038   | 26.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 105.12% |
| 37) Toluene-d8                 | 10.33  | 98    | 287695   | 23.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.56%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 40797    | 21.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 85.36%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 48176    | 57.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 115.76% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 100284   | 26.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 105.88% |
| 61) 1,2-Dichlorobenzene-d4     | 13.87  | 152   | 89664    | 26.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 104.68% |

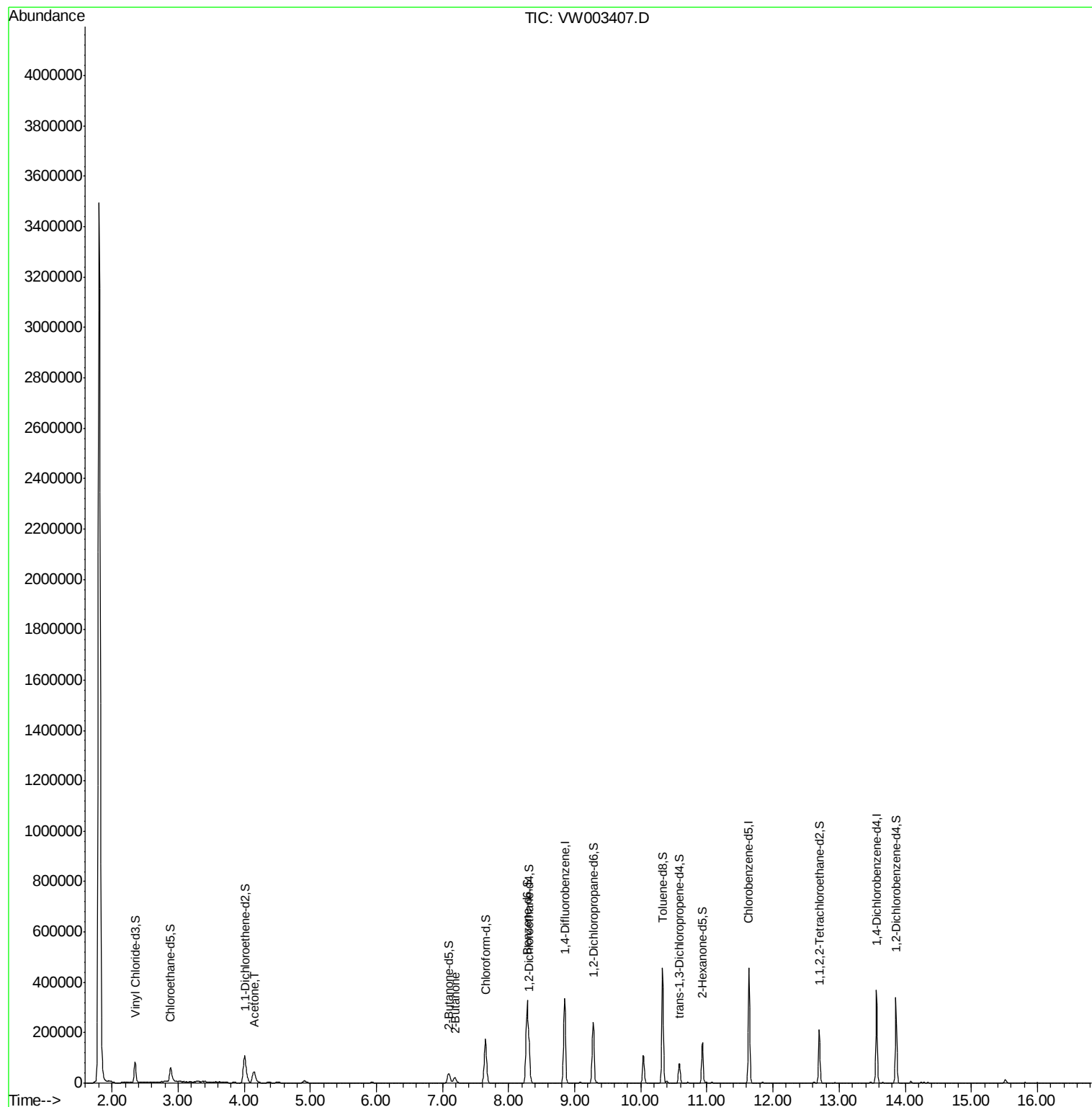
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 4.14 | 43 | 96995 | 80.33 ug/L | 97     |
| 21) 2-Butanone   | 7.19 | 43 | 28940 | 20.40 ug/L | 100    |

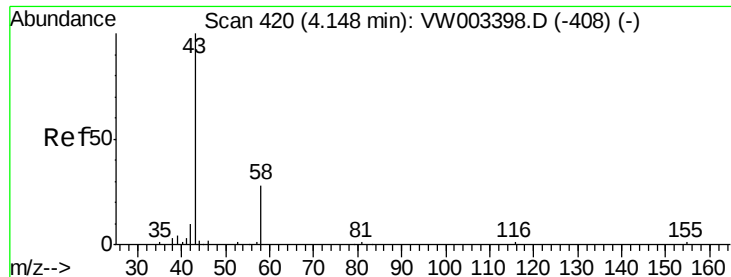
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 80.33 ug/L

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003407.D

Acq: 22 Jun 2018 00:31

Instrument :

MSVOA\_W

ClientSampleId :

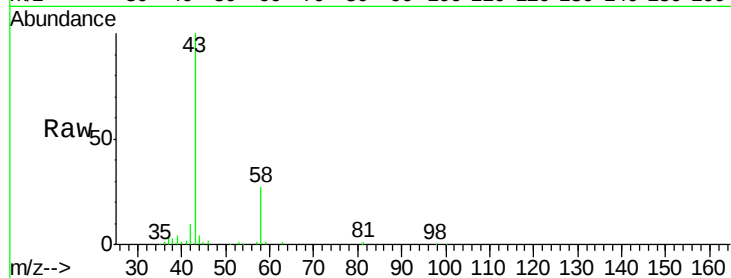
DAZ85

Tot Ion: 43 Resp: 96995

Ion Ratio Lower Upper

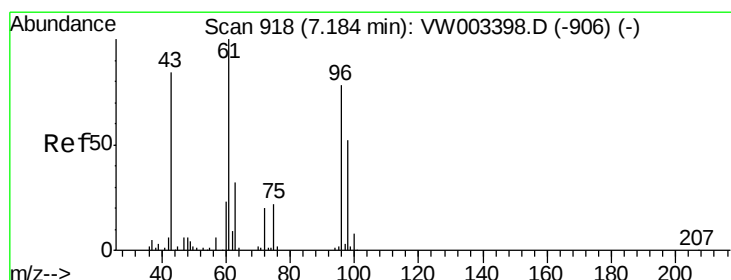
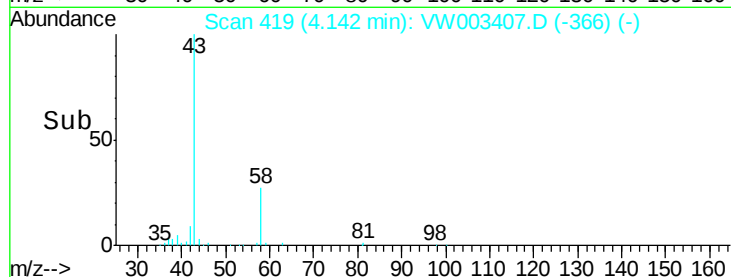
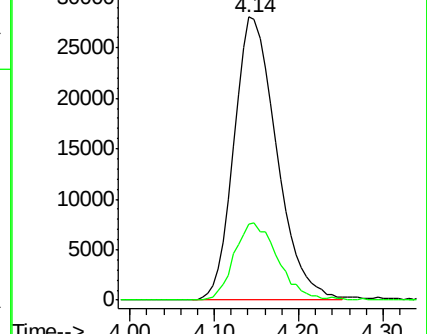
43 100

58 27.7 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 20.40 ug/L

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

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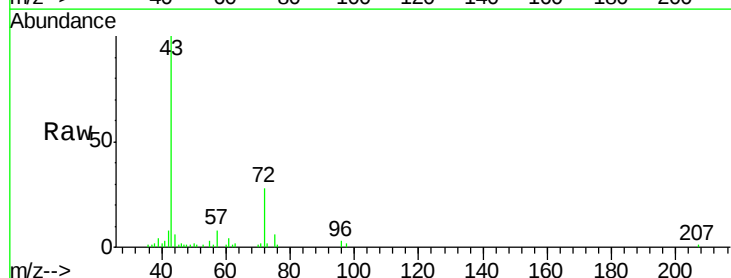
Acq: 22 Jun 2018 00:31

Tgt Ion: 43 Resp: 28940

Ion Ratio Lower Upper

43 100

72 24.8 12.5 37.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

