

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011121\  
 Data File : VW017815.D  
 Acq On : 11 Jan 2021 13:41  
 Operator : SY/VA  
 Sample : M1074-03  
 Misc : 6.16G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFT42

Quant Time: Jan 12 05:56:04 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 12 05:24:59 2021  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 319560   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 298828   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 150115   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 105826   | 21.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.60%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 81284    | 19.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.68%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 136691   | 15.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.48%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 36483    | 45.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 91.06%  |
| 24) Chloroform-d               | 7.65   | 84    | 167921   | 20.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 80.44%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 95413    | 22.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 88.32%  |
| 29) Benzene-d6                 | 8.27   | 84    | 334896   | 19.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 79.56%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 96037    | 20.70    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 82.80%  |
| 37) Toluene-d8                 | 10.32  | 98    | 308874   | 19.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 76.44%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 40187    | 19.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 77.72%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 26242    | 45.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.08%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 70378    | 20.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 81.72%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 96250    | 18.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 73.64%# |

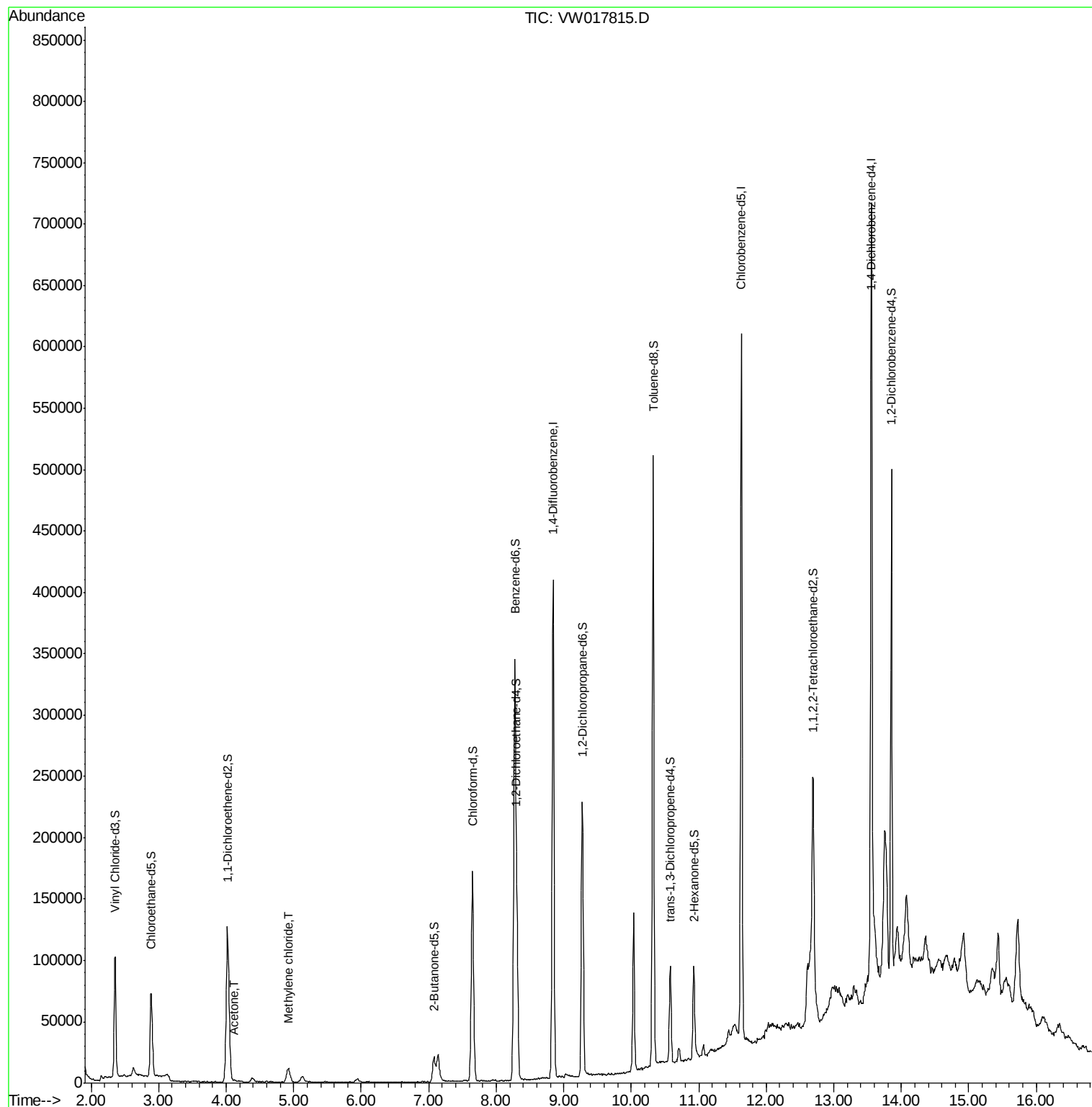
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 1951 | 2.819 ug/L | 74     |
| 16) Methylene chloride | 4.92 | 84 | 9200 | 2.013 ug/L | 94     |

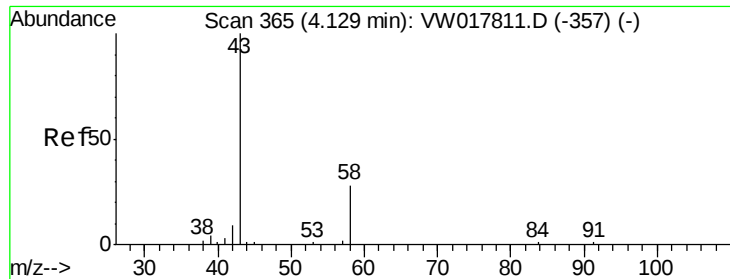
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 12 05:24:59 2021  
Response via : Initial Calibration





#13

Acetone

Concen: 2.819 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017815.D

Acq: 11 Jan 2021 13:41

Instrument :

MSVOA\_W

ClientSampleId :

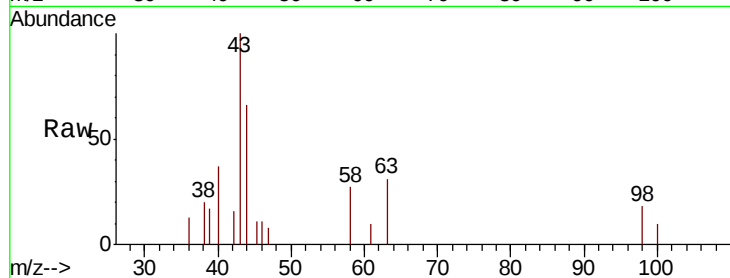
BFT42

Tot Ion: 43 Resp: 1951

Ion Ratio Lower Upper

43 100

58 16.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

800

600

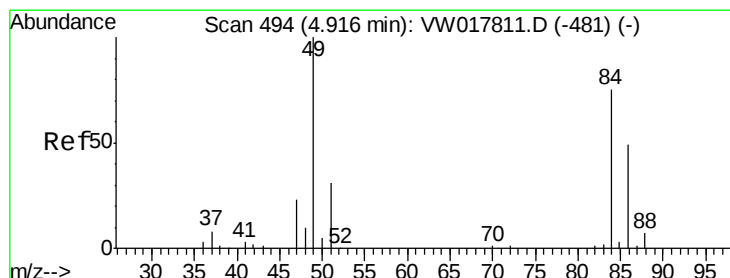
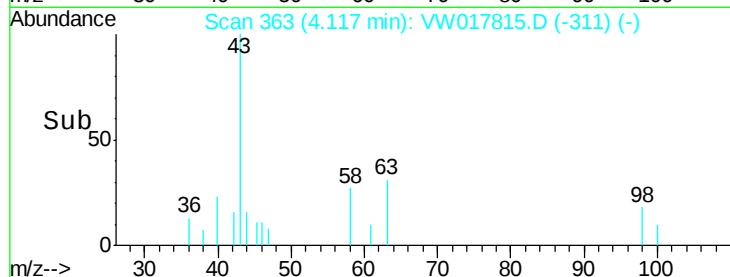
400

200

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.013 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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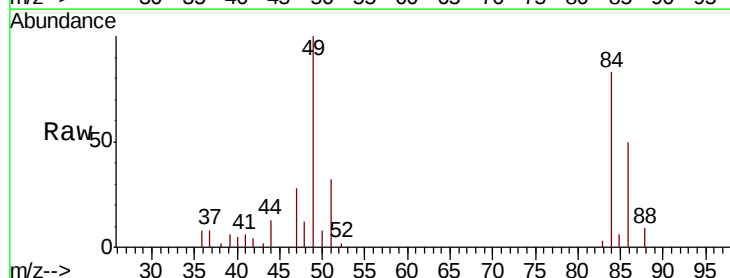
Tgt Ion: 84 Resp: 9200

Ion Ratio Lower Upper

84 100

49 121.1 90.5 168.1

86 60.3 44.8 83.2



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

4000

3000

2000

1000

0

4.80 4.85 4.90 4.95 5.00

Time-->

