

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012020\  
 Data File : VW014696.D  
 Acq On : 20 Jan 2020 15:38  
 Operator : SY/VA  
 Sample : L1118-24  
 Misc : 4.99G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GASN9

Quant Time: Jan 21 04:12:14 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 21 03:38:42 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 645578   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 599151   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 242089   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 214598   | 23.58    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 94.32%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 172838   | 25.78    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.12%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 311777   | 18.73    | ug/L | -0.01    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 74.92%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 117296   | 54.16    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 108.32%  |
| 24) Chloroform-d               | 7.64   | 84    | 413057   | 27.81    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 111.24%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 229293   | 29.75    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 119.00%  |
| 29) Benzene-d6                 | 8.27   | 84    | 856984   | 26.90    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 107.60%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 272541   | 28.45    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 113.80%  |
| 37) Toluene-d8                 | 10.32  | 98    | 747350   | 25.87    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 103.48%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 101782   | 25.72    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 102.88%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 83936    | 51.24    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 102.48%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 205948   | 28.63    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 114.52%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 246432   | 30.89    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 123.56%# |

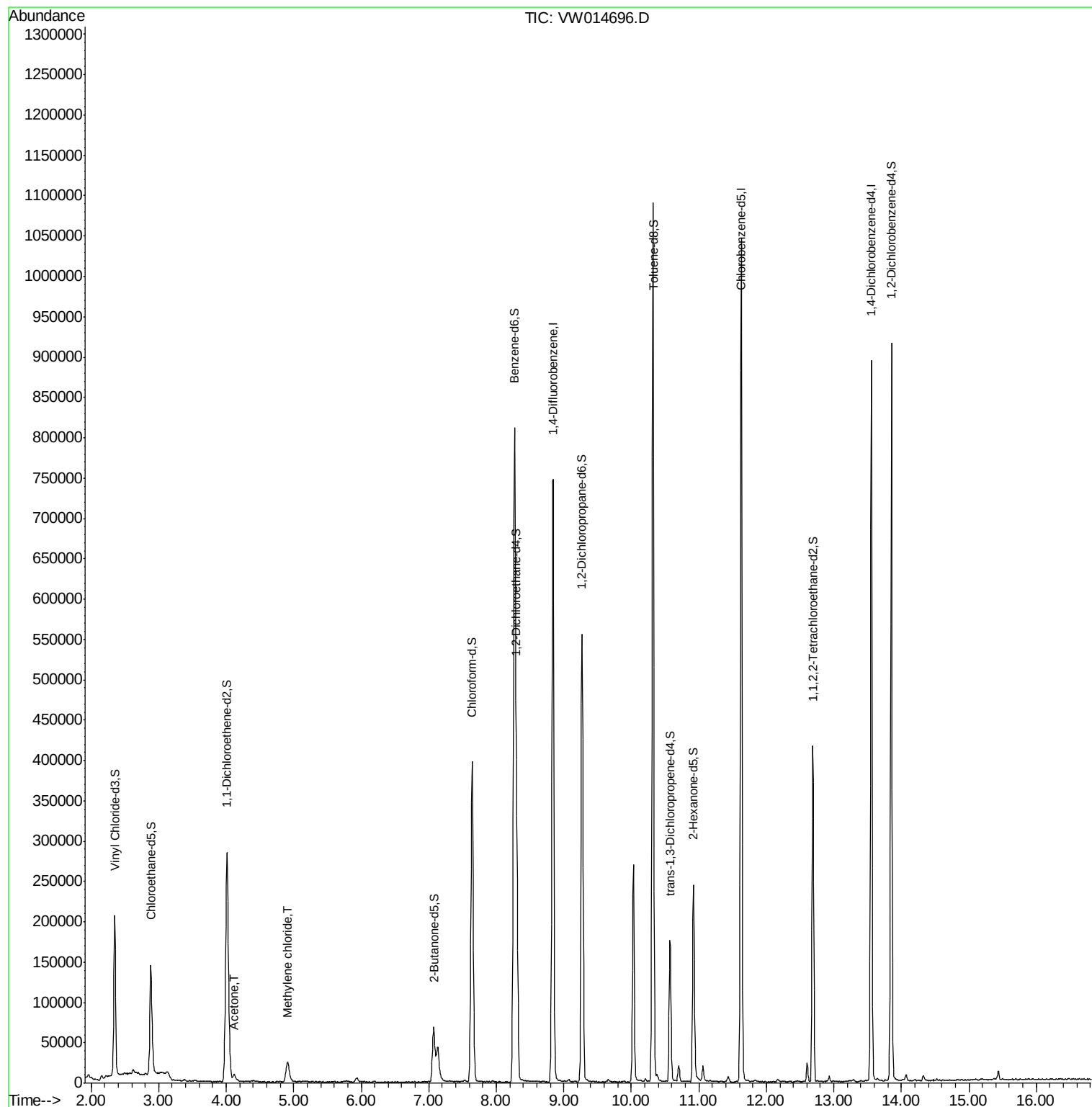
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 14155 | 4.721 ug/L | 98     |
| 16) Methylene chloride | 4.90 | 84 | 20397 | 1.938 ug/L | 91     |

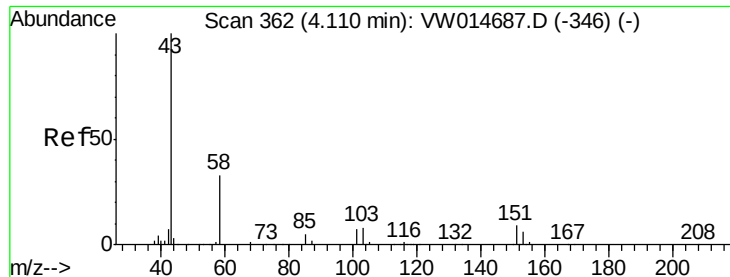
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Jan 21 03:38:42 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 4.721 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014696.D

Acq: 20 Jan 2020 15:38

Instrument :

MSVOA\_W

ClientSampled :

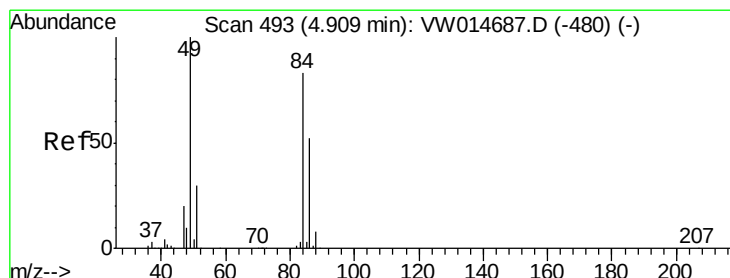
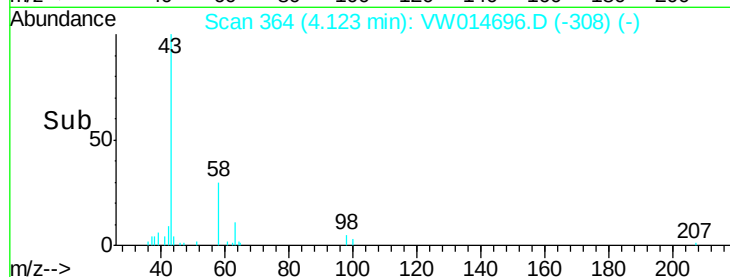
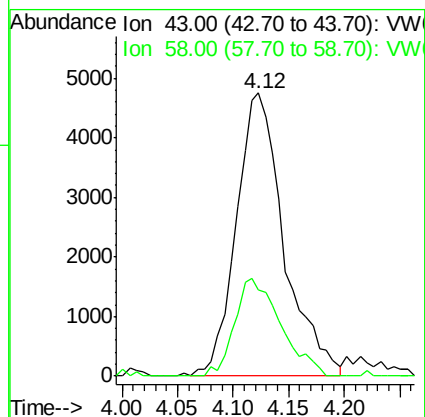
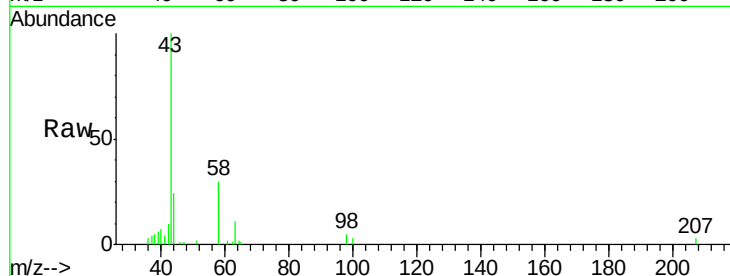
GASN9

Tot Ion: 43 Resp: 14155

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.0



#16

Methylene chloride

Concen: 1.938 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW014696.D

Acq: 20 Jan 2020 15:38

Tgt Ion: 84 Resp: 20397

Ion Ratio Lower Upper

84 100

49 114.0 85.8 159.4

86 55.6 44.5 82.7

