

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\  
 Data File : VW010948.D  
 Acq On : 24 Jun 2019 23:31  
 Operator : SY/VA  
 Sample : K3456-16  
 Misc : 4.50G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YANY1

Quant Time: Jun 25 04:19:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 25 02:43:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 165962   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 189969   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 84121    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 18648    | 8.67     | ug/L | -0.01    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 34.68%   |
| 7) Chloroethane-d5             | 2.88   | 69    | 22244    | 13.41    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 53.64%   |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 41020    | 8.07     | ug/L | -0.01    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 32.28%#  |
| 20) 2-Butanone-d5              | 0.00   | 46    | 0d       | 0.00     | ug/L |          |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 0.00%#   |
| 24) Chloroform-d               | 7.65   | 84    | 117120   | 26.17    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 104.68%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 111513   | 40.19    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 160.76%# |
| 29) Benzene-d6                 | 8.27   | 84    | 216669   | 19.00    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 76.00%   |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 100644   | 26.71    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 106.84%  |
| 37) Toluene-d8                 | 10.32  | 98    | 192214   | 18.68    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 74.72%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 30829    | 18.48    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 73.92%   |
| 39) 2-Hexanone-d5              | 0.00   | 63    | 0d       | 0.00     | ug/L |          |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 0.00%#   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 106650   | 34.34    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 137.36%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 90089    | 28.37    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 113.48%  |

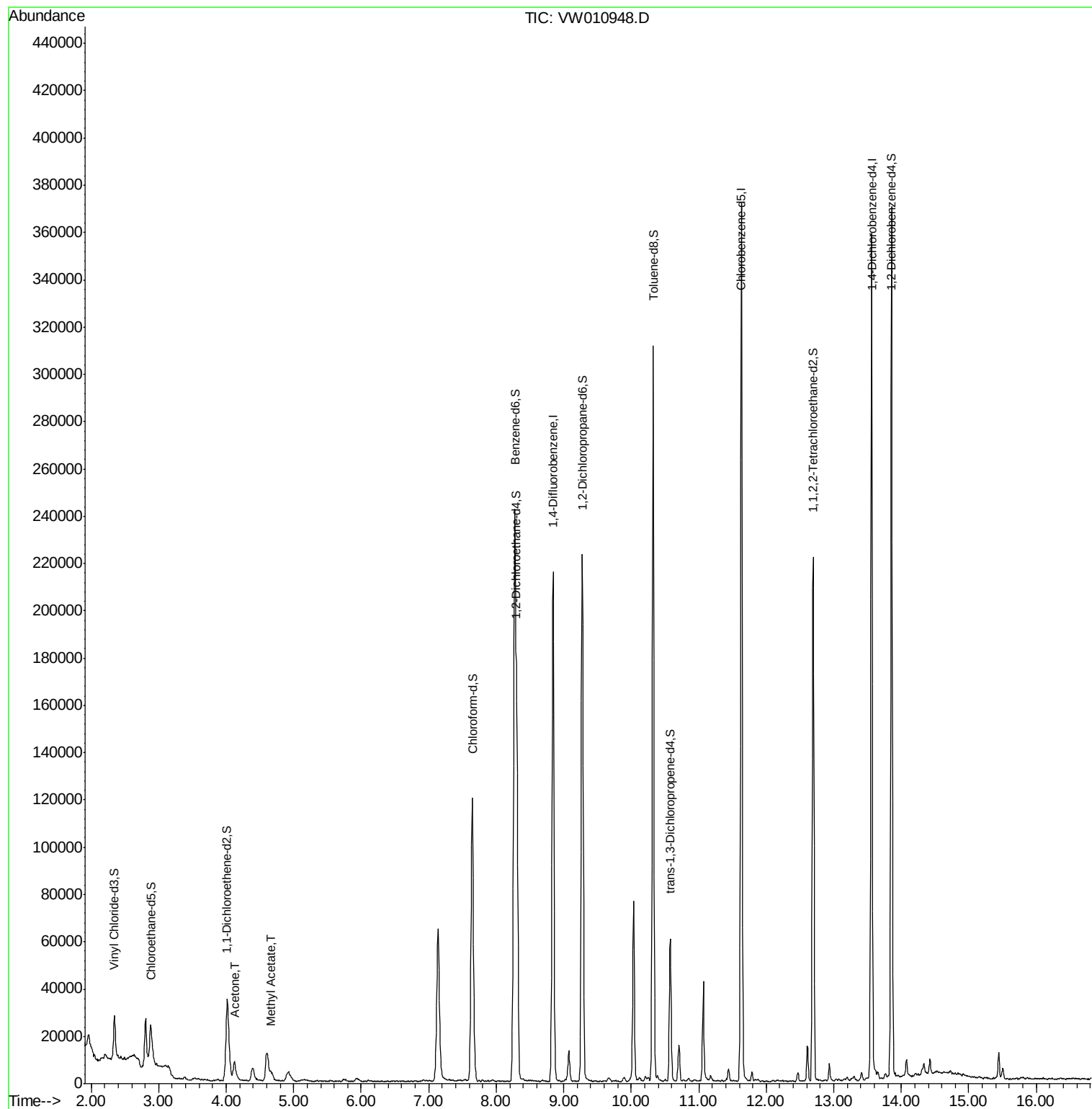
| Target Compounds   |      |    |       | Ovalue          |
|--------------------|------|----|-------|-----------------|
| 13) Acetone        | 4.12 | 43 | 13953 | 14.423 ug/L 98  |
| 15) Methyl Acetate | 4.66 | 43 | 6413  | 3.830 ug/L # 88 |

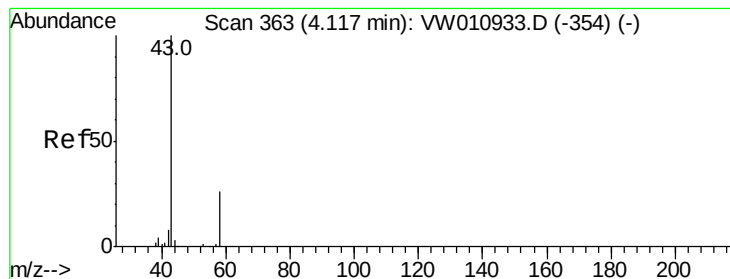
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Jun 25 02:43:13 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 14.423 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010948.D

Acq: 24 Jun 2019 23:31

Instrument :

MSVOA\_W

ClientSampleId :

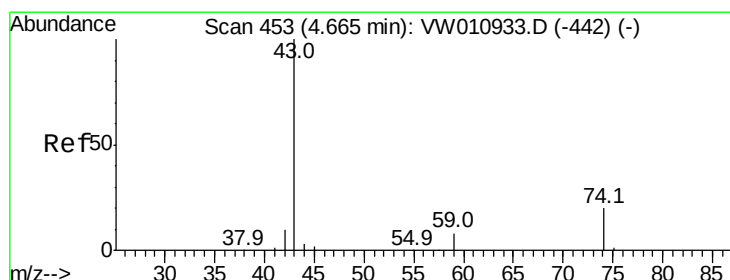
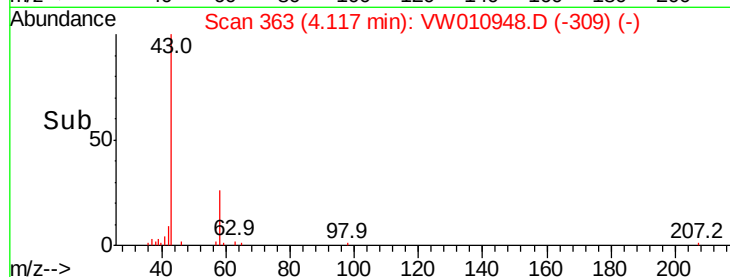
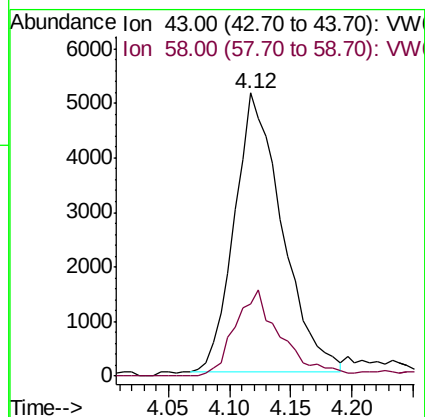
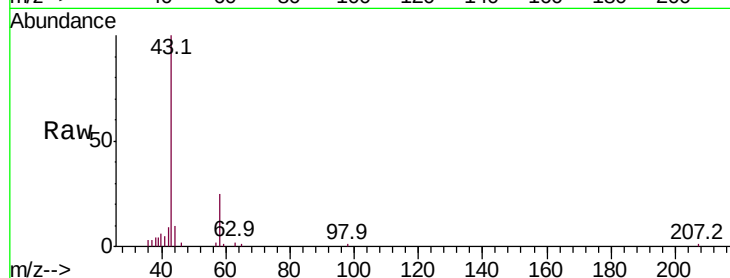
YANY1

Tot Ion: 43 Resp: 13953

Ion Ratio Lower Upper

43 100

58 27.5 0.0 53.2



#15

Methyl Acetate

Concen: 3.830 ug/L

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW010948.D

Acq: 24 Jun 2019 23:31

Tgt Ion: 43 Resp: 6413

Ion Ratio Lower Upper

43 100

74 13.5 15.3 22.9#

