

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\  
 Data File : VW010941.D  
 Acq On : 24 Jun 2019 20:22  
 Operator : SY/VA  
 Sample : K3456-07  
 Misc : 3.47G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YANX7

Manual Integrations  
 APPROVED

MMDadoda  
 6/25/2019 3:19:42 PM

Quant Time: Jun 25 03:46:56 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  | 196536   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 221563   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 100959   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 25241    | 9.91     | ug/L | -0.01    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 39.64%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 28774    | 14.65    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 58.60%   |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 53995    | 8.97     | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 35.88%#  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 51424    | 42.99    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.98%   |
| 24) Chloroform-d               | 7.65   | 84    | 142014   | 26.79    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 107.16%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 124031m  | 37.75    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 151.00%# |
| 29) Benzene-d6                 | 8.27   | 84    | 267670   | 20.12    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 80.48%   |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 115200   | 26.21    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 104.84%  |
| 37) Toluene-d8                 | 10.32  | 98    | 237967   | 19.83    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 79.32%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 36529    | 18.78    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.12%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 10922    | 11.06    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 22.12%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 117563   | 32.45    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 129.80%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 105850   | 27.77    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 111.08%  |

| Target Compounds   |      |    |       |              | Ovalue |
|--------------------|------|----|-------|--------------|--------|
| 13) Acetone        | 4.12 | 43 | 12524 | 10.932 ug/L  | 96     |
| 15) Methyl Acetate | 4.67 | 43 | 7284  | 3.673 ug/L # | 82     |

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

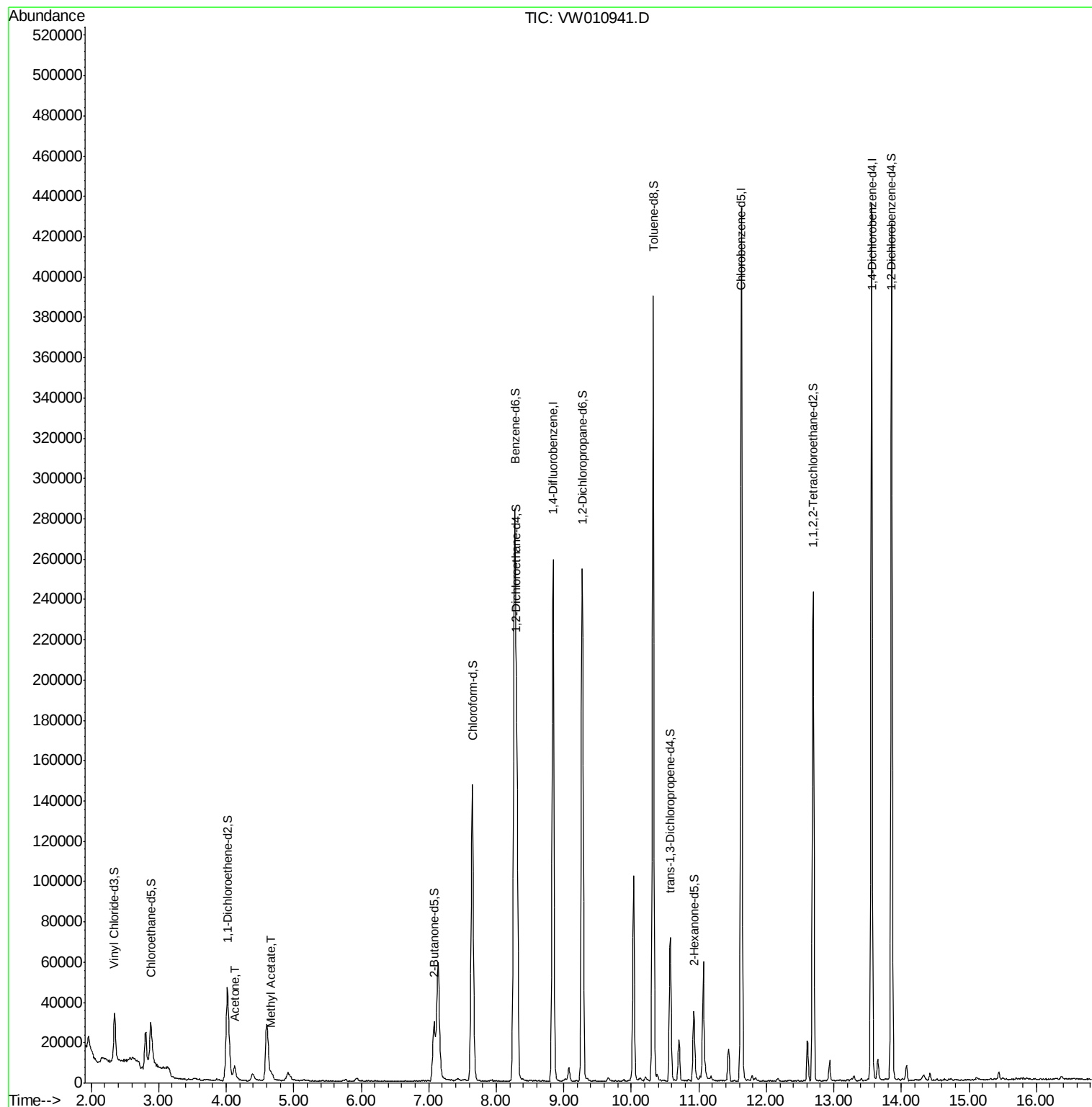
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062419\  
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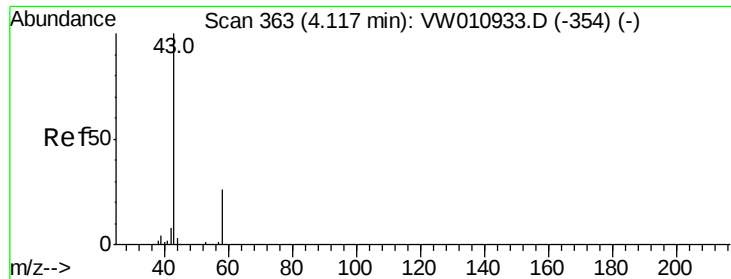
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Quant Title : VOC Analysis  
QLast Update : Tue Jun 25 02:43:13 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 10.932 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010941.D

Acq: 24 Jun 2019 20:22

Instrument :

MSVOA\_W

ClientSampled :

YANX7

Tot Ion: 43 Resp: 12524

Ion Ratio Lower Upper

43 100

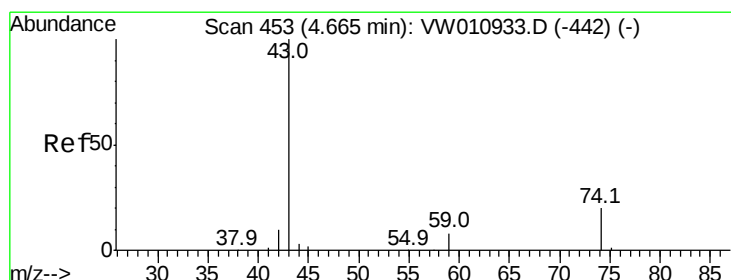
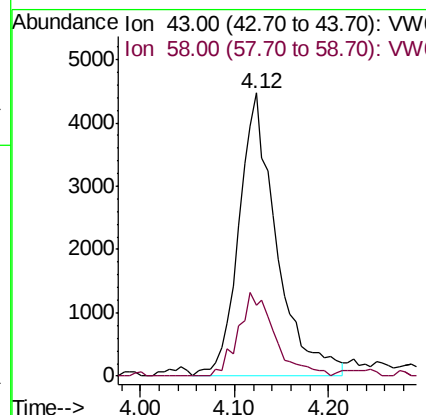
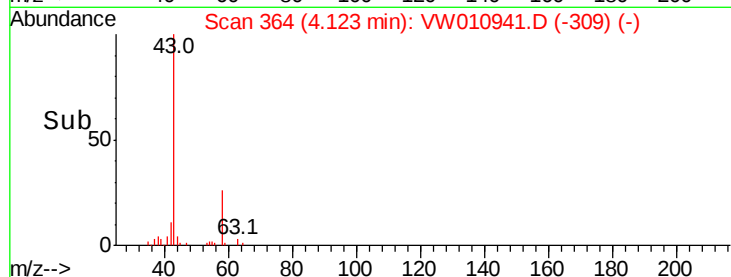
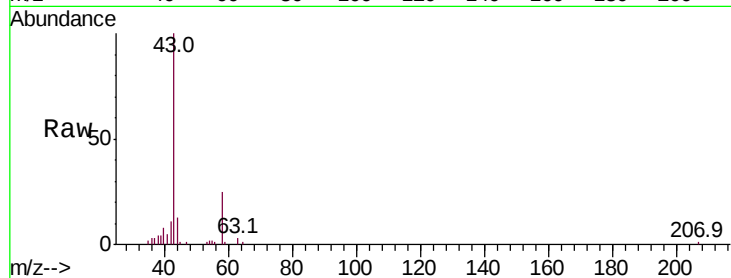
58 28.5 0.0 53.2

Manual Integrations

APPROVED

MMDadoda

6/25/2019 3:19:42 PM



#15

Methyl Acetate

Concen: 3.673 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010941.D

Acq: 24 Jun 2019 20:22

Tgt Ion: 43 Resp: 7284

Ion Ratio Lower Upper

43 100

74 10.7 15.3 22.9#

