

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030119\  
 Data File : VW008923.D  
 Acq On : 01 Mar 2019 15:10  
 Operator : SY/VA  
 Sample : K1657-06  
 Misc : 4.01G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB650

Manual Integrations  
 APPROVED

MMDadoda  
 3/5/2019 11:47:26 PM

Quant Time: Mar 02 03:27:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 02 02:55:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 313748   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 239221   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 65602    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 108630   | 22.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 89.04%   |
| 7) Chloroethane-d5             | 2.88   | 69    | 105591   | 24.10    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.40%   |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 136440   | 16.81    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 67.24%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 52896    | 36.35    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 72.70%   |
| 24) Chloroform-d               | 7.65   | 84    | 188043   | 24.79    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 99.16%   |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 112166m  | 25.05    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 100.20%  |
| 29) Benzene-d6                 | 8.27   | 84    | 368964   | 32.13    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 128.52%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 111365   | 33.10    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 132.40%# |
| 37) Toluene-d8                 | 10.32  | 98    | 325120   | 28.27    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 113.08%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 31872    | 18.90    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.60%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 30186    | 32.93    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 65.86%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 72117    | 21.35    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 85.40%   |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 56734    | 24.27    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.08%   |

| Target Compounds       |      |    |       |             | Ovalue |
|------------------------|------|----|-------|-------------|--------|
| 13) Acetone            | 4.13 | 43 | 18040 | 13.065 ug/L | 99     |
| 16) Methylene chloride | 4.92 | 84 | 12562 | 2.476 ug/L  | 85     |

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

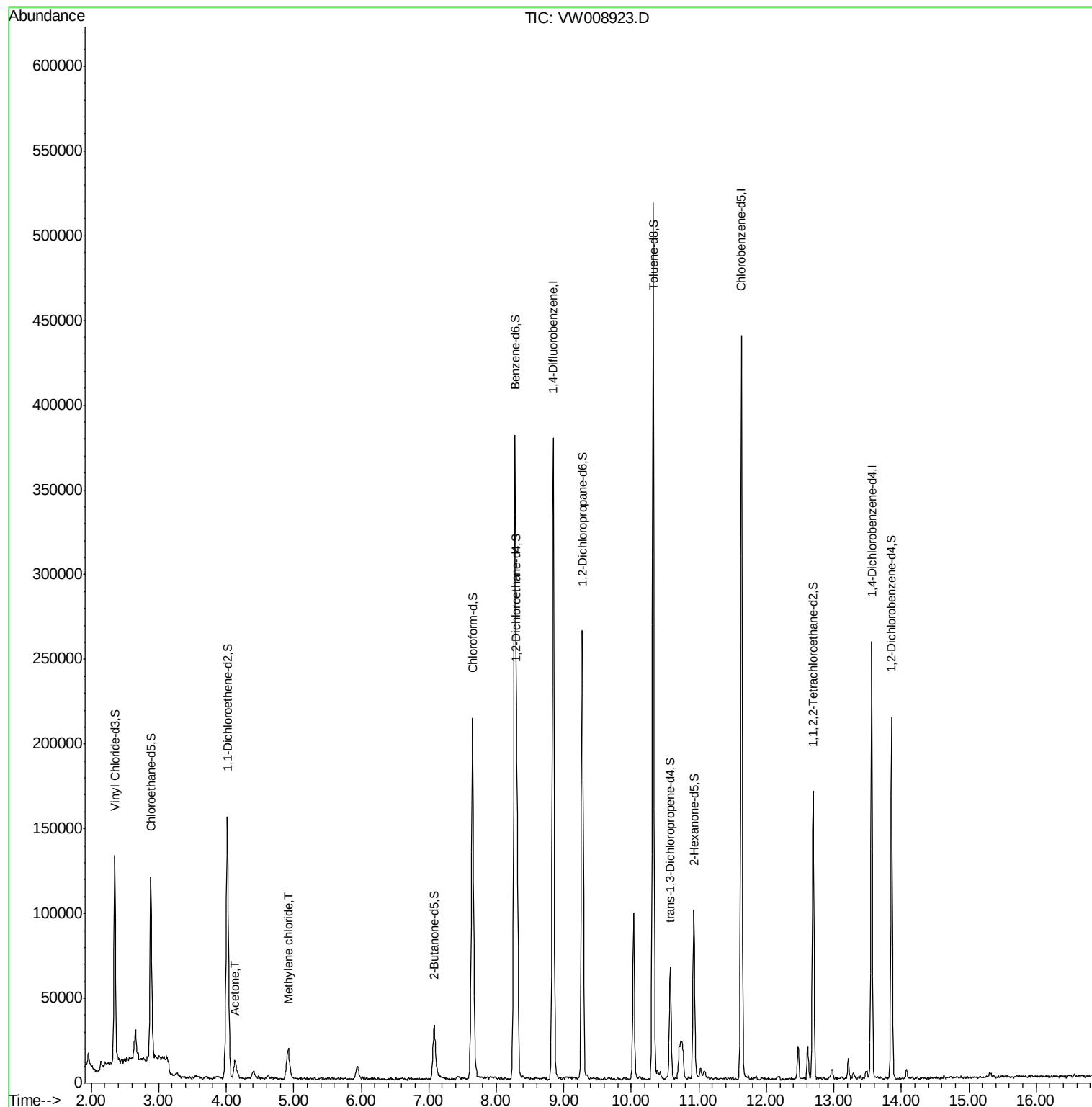
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030119\  
Data File : VW008923.D  
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ALS Vial : 1 Sample Multiplier: 1

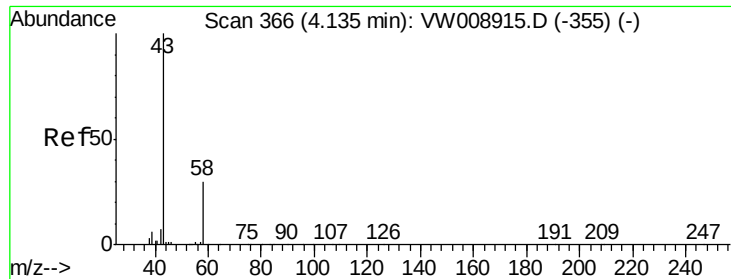
Instrument :  
MSVOA\_W  
ClientSampleId :  
DB650

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Quant Time: Mar 02 03:27:32 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022019S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Mar 02 02:55:16 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 13.065 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008923.D

Acq: 01 Mar 2019 15:10

Instrument :

MSVOA\_W

ClientSampled :

DB650

Tot Ion: 43 Resp: 18040

Ion Ratio Lower Upper

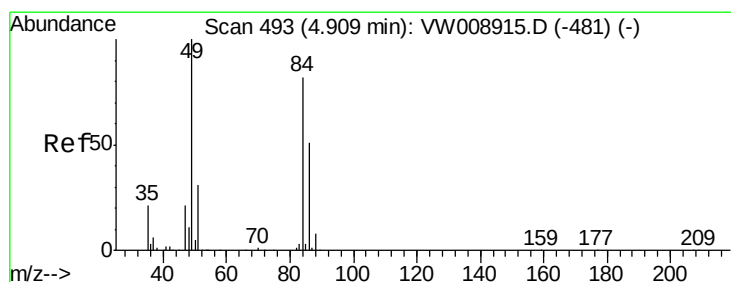
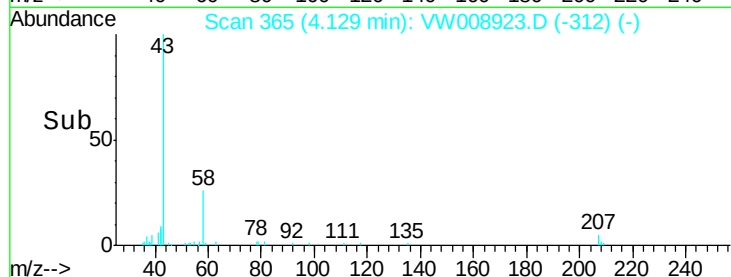
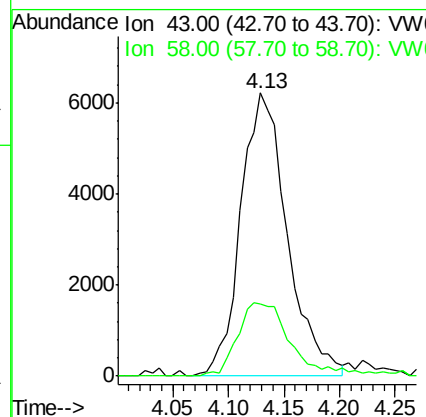
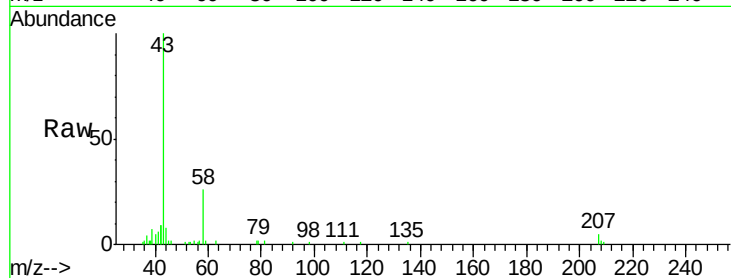
43 100

58 29.0 0.0 58.6

Manual Integrations  
APPROVED

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3/5/2019 11:47:26 PM



#16

Methylene chloride

Concen: 2.476 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008923.D

Acq: 01 Mar 2019 15:10

Tgt Ion: 84 Resp: 12562

Ion Ratio Lower Upper

84 100

49 132.5 79.2 147.0

86 54.9 43.2 80.2

