

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053119\  
 Data File : VV011186.D  
 Acq On : 31 May 2019 19:06  
 Operator : SY/MD  
 Sample : K3017-23RE  
 Misc : 6.12G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A51H8RE

Manual Integrations  
 APPROVED

MMDadoda  
 6/3/2019 7:08:49 AM

Quant Time: Jun 01 01:05:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM053019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 01 00:27:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|--------------------------------|----------------|------|------------|----------|--------|----------|
| 1) 1,4-Difluorobenzene         | 5.67           | 114  | 33317      | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5           | 8.90           | 117  | 23677      | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4     | 11.31          | 152  | 4761       | 25.00    | ug/L   | 0.01     |
| System Monitoring Compounds    |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3           | 1.32           | 65   | 11056      | 24.53    | ug/L   | 0.00     |
| Spiked Amount 25.000           | Range 30 - 150 |      | Recovery = | 98.12%   |        |          |
| 7) Chloroethane-d5             | 1.58           | 69   | 8487       | 24.49    | ug/L   | 0.00     |
| Spiked Amount 25.000           | Range 30 - 150 |      | Recovery = | 97.96%   |        |          |
| 10) 1,1-Dichloroethene-d2      | 2.13           | 63   | 16580      | 17.92    | ug/L   | 0.00     |
| Spiked Amount 25.000           | Range 45 - 110 |      | Recovery = | 71.68%   |        |          |
| 20) 2-Butanone-d5              | 3.95           | 46   | 5185m      | 31.47    | ug/L   | 0.00     |
| Spiked Amount 50.000           | Range 20 - 135 |      | Recovery = | 62.94%   |        |          |
| 24) Chloroform-d               | 4.41           | 84   | 18675      | 22.93    | ug/L   | 0.00     |
| Spiked Amount 25.000           | Range 40 - 150 |      | Recovery = | 91.72%   |        |          |
| 26) 1,2-Dichloroethane-d4      | 5.08           | 65   | 12104      | 22.81    | ug/L   | 0.00     |
| Spiked Amount 25.000           | Range 70 - 130 |      | Recovery = | 91.24%   |        |          |
| 29) Benzene-d6                 | 5.10           | 84   | 42468      | 33.03    | ug/L   | 0.00     |
| Spiked Amount 25.000           | Range 20 - 135 |      | Recovery = | 132.12%  |        |          |
| 33) 1,2-Dichloropropane-d6     | 6.12           | 67   | 13724      | 33.31    | ug/L   | 0.00     |
| Spiked Amount 25.000           | Range 70 - 120 |      | Recovery = | 133.24%# |        |          |
| 37) Toluene-d8                 | 7.36           | 98   | 33955      | 27.99    | ug/L   | 0.00     |
| Spiked Amount 25.000           | Range 30 - 130 |      | Recovery = | 111.96%  |        |          |
| 38) trans-1,3-Dichloropropene- | 7.67           | 79   | 4112       | 22.06    | ug/L   | 0.00     |
| Spiked Amount 25.000           | Range 30 - 135 |      | Recovery = | 88.24%   |        |          |
| 39) 2-Hexanone-d5              | 8.15           | 63   | 3029       | 32.35    | ug/L   | 0.02     |
| Spiked Amount 50.000           | Range 20 - 135 |      | Recovery = | 64.70%   |        |          |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26          | 84   | 8085       | 21.77    | ug/L   | 0.00     |
| Spiked Amount 25.000           | Range 45 - 120 |      | Recovery = | 87.08%   |        |          |
| 61) 1,2-Dichlorobenzene-d4     | 11.68          | 152  | 4981       | 27.96    | ug/L   | 0.00     |
| Spiked Amount 25.000           | Range 75 - 120 |      | Recovery = | 111.84%  |        |          |
| Target Compounds               |                |      |            |          |        |          |
| 13) Acetone                    | 2.20           | 43   | 9428       | 49.189   | ug/L   | 98       |
| 15) Methyl Acetate             | 2.47           | 43   | 2432       | 8.432    | ug/L # | 83       |

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

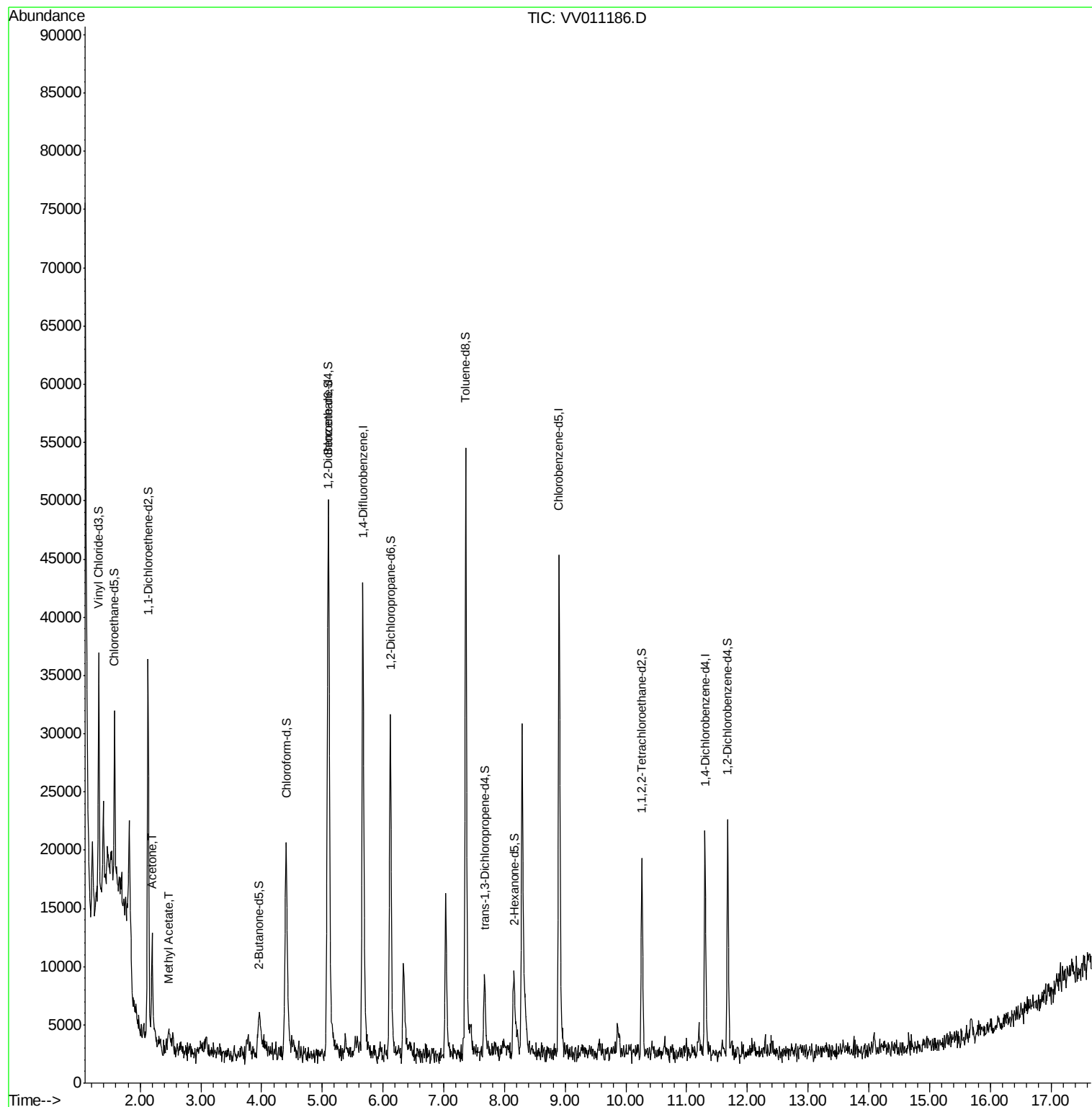
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053119\  
Data File : VV011186.D  
Acq On : 31 May 2019 19:06  
Operator : SY/MD  
Sample : K3017-23RE  
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ALS Vial : 1 Sample Multiplier: 1

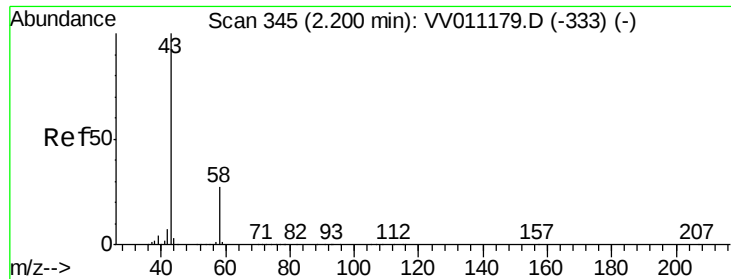
Instrument :  
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Quant Time: Jun 01 01:05:58 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM053019S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Jun 01 00:27:53 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 49.189 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV011186.D

Acq: 31 May 2019 19:06

Instrument :

MSVOA\_V

ClientSampleId :

A51H8RE

Tot Ion: 43 Resp: 9428

Ion Ratio Lower Upper

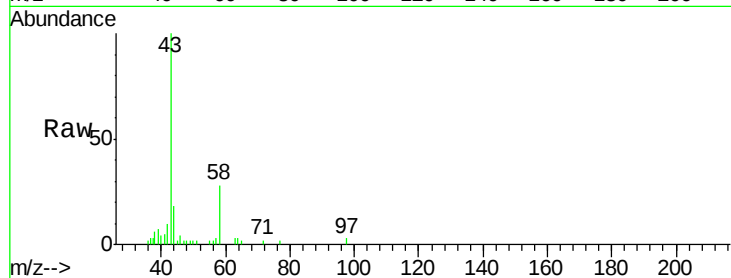
43 100

58 25.7 0.0 53.8

Manual Integrations  
APPROVED

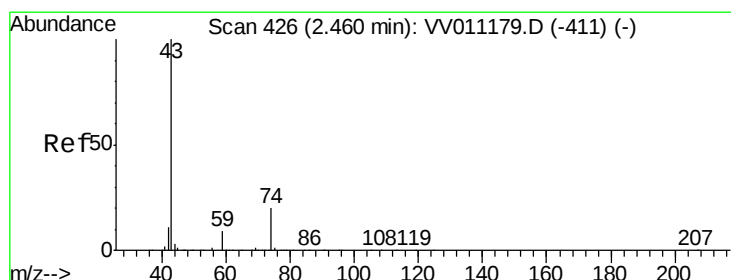
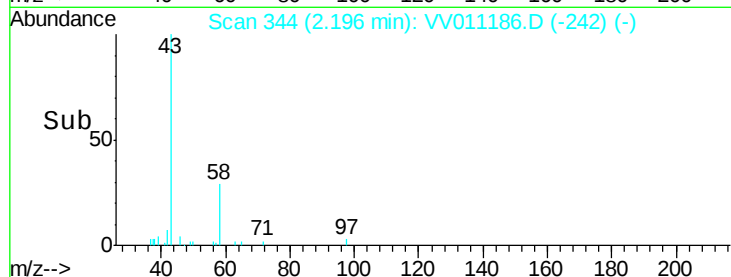
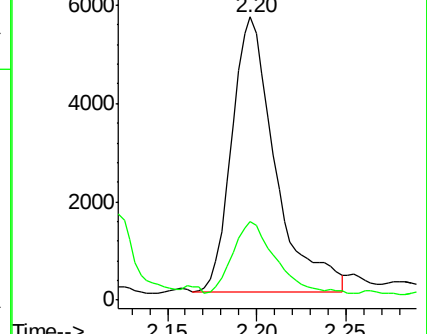
MMDadoda

6/3/2019 7:08:49 AM



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 8.432 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VV011186.D

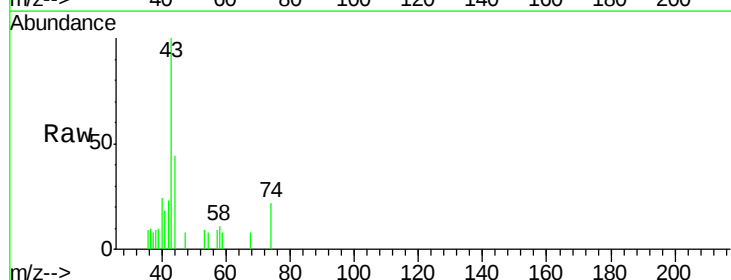
Acq: 31 May 2019 19:06

Tgt Ion: 43 Resp: 2432

Ion Ratio Lower Upper

43 100

74 28.4 16.2 24.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

