

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV051419\  
 Data File : VV010860.D  
 Acq On : 14 May 2019 14:15  
 Operator : SY/MD  
 Sample : K2737-10RE  
 Misc : 4.68G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB858RE

Manual Integrations  
 APPROVED

MMDadoda  
 5/22/2019 2:23:52 AM

Quant Time: May 15 07:41:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM051319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 15 06:52:21 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 110523   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 117372   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 49848    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 24015    | 17.06    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 68.24% |
| 7) Chloroethane-d5             | 1.57   | 69    | 20594    | 22.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 89.76% |
| 10) 1,1-Dichloroethene-d2      | 2.12   | 63    | 36339    | 13.64    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 54.56% |
| 20) 2-Butanone-d5              | 3.94   | 46    | 21670    | 48.92    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.84% |
| 24) Chloroform-d               | 4.40   | 84    | 52957    | 16.60    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 66.40% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 43027    | 23.72    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 94.88% |
| 29) Benzene-d6                 | 5.10   | 84    | 137772   | 21.21    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 84.84% |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 47999    | 23.16    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 92.64% |
| 37) Toluene-d8                 | 7.36   | 98    | 123504   | 19.78    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 79.12% |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 16994    | 18.80    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.20% |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 16308    | 41.52    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.04% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 38799    | 20.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 80.72% |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 47391    | 22.76    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 91.04% |

| Target Compounds       |      |    |         |              | Ovalue |
|------------------------|------|----|---------|--------------|--------|
| 13) Acetone            | 2.20 | 43 | 228049m | 505.387 ug/L |        |
| 16) Methylene chloride | 2.53 | 84 | 4311    | 2.417 ug/L   | 90     |

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

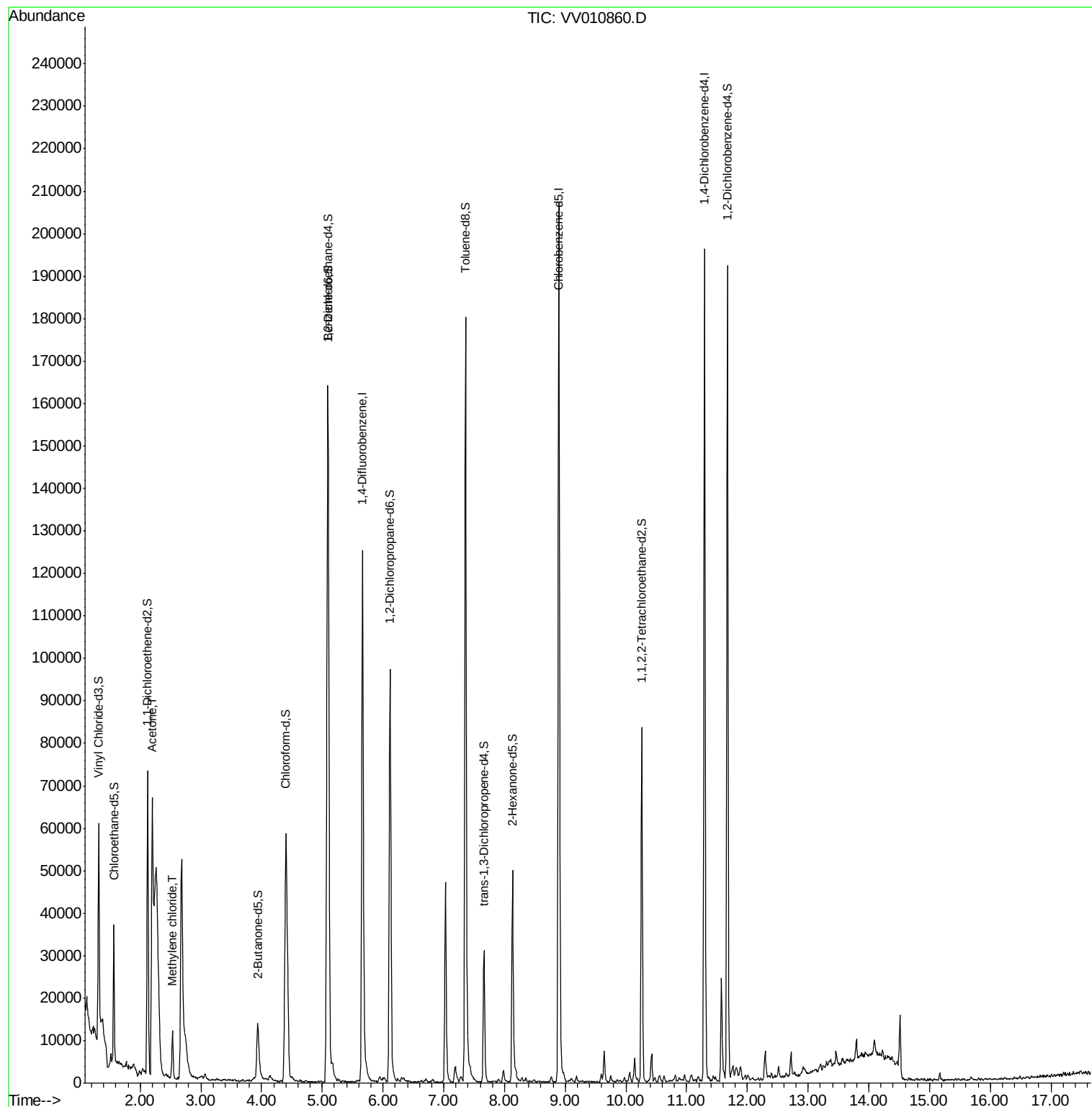
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV051419\  
Data File : VV010860.D  
Acq On : 14 May 2019 14:15  
Operator : SY/MD  
Sample : K2737-10RE  
Misc : 4.68G/10ML/MSVOA V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

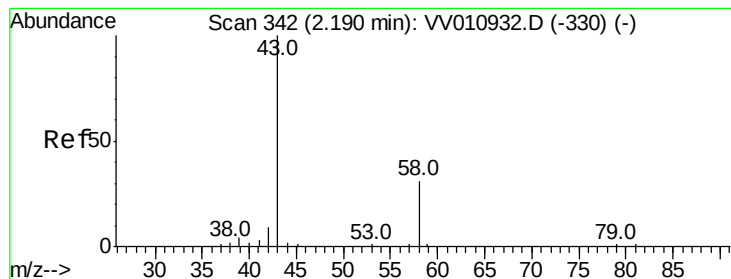
Instrument :  
MSVOA\_V  
ClientSampleId :  
DB858RE

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5/22/2019 2:23:52 AM

Quant Time: May 15 07:41:03 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM051319S.M  
Quant Title : VOC Analysis  
QLast Update : Wed May 15 06:52:21 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 505.387 ug/L m

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV010860.D

Acq: 14 May 2019 14:15

Instrument :

MSVOA\_V

ClientSampleId :

DB858RE

Tot Ion: 43 Resp: 228049

Ion Ratio Lower Upper

43 100

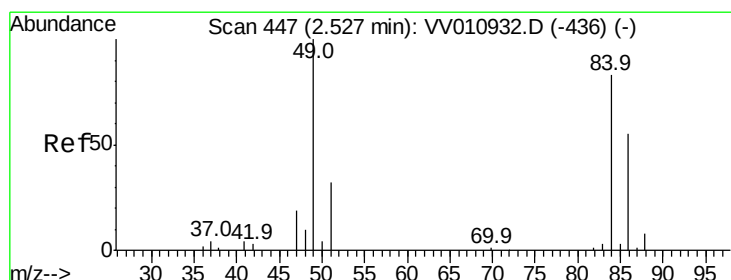
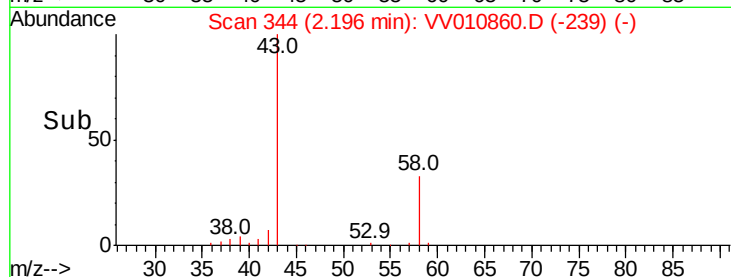
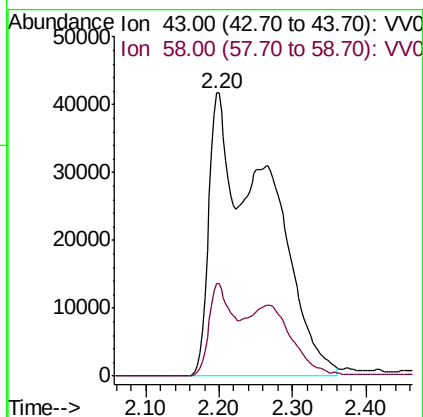
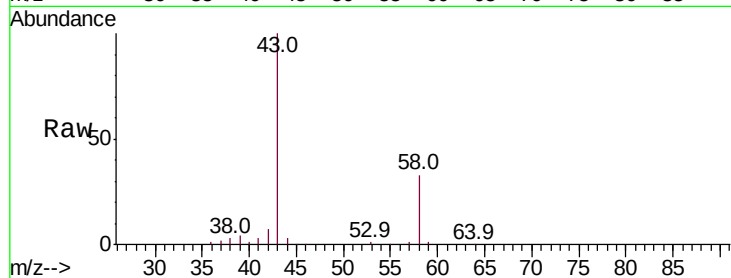
58 13.5 0.0 69.2

Manual Integrations

APPROVED

MMDadoda

5/22/2019 2:23:52 AM



#16

Methylene chloride

Concen: 2.417 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV010860.D

Acq: 14 May 2019 14:15

Tgt Ion: 84 Resp: 4311

Ion Ratio Lower Upper

84 100

49 131.6 85.8 159.3

86 75.5 45.0 83.6

