

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081619\  
 Data File : VV012269.D  
 Acq On : 16 Aug 2019 14:33  
 Operator : SY/MD  
 Sample : K4337-06  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AG2

Quant Time: Aug 17 00:35:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR081319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 16 23:35:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 177789   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 192443   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 76844    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 72612    | 6.63     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 132.60%# |
| 7) Chloroethane-d5             | 1.58   | 69    | 59881    | 7.15     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 143.00%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 72674    | 4.05     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 81.00%   |
| 20) 2-Butanone-d5              | 3.94   | 46    | 29937    | 12.65    | ug/L | -0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 25.30%#  |
| 24) Chloroform-d               | 4.40   | 84    | 111408   | 5.14     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 59748    | 5.82     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 116.40%  |
| 32) Benzene-d6                 | 5.10   | 84    | 239895   | 4.92     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%   |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 71846    | 5.01     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.20%  |
| 41) Toluene-d8                 | 7.36   | 98    | 210990   | 4.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.00%   |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 25082    | 4.57     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 91.40%   |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 51298    | 29.12    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 58.24%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 49725    | 4.97     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.40%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 80848    | 6.22     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 124.40%# |

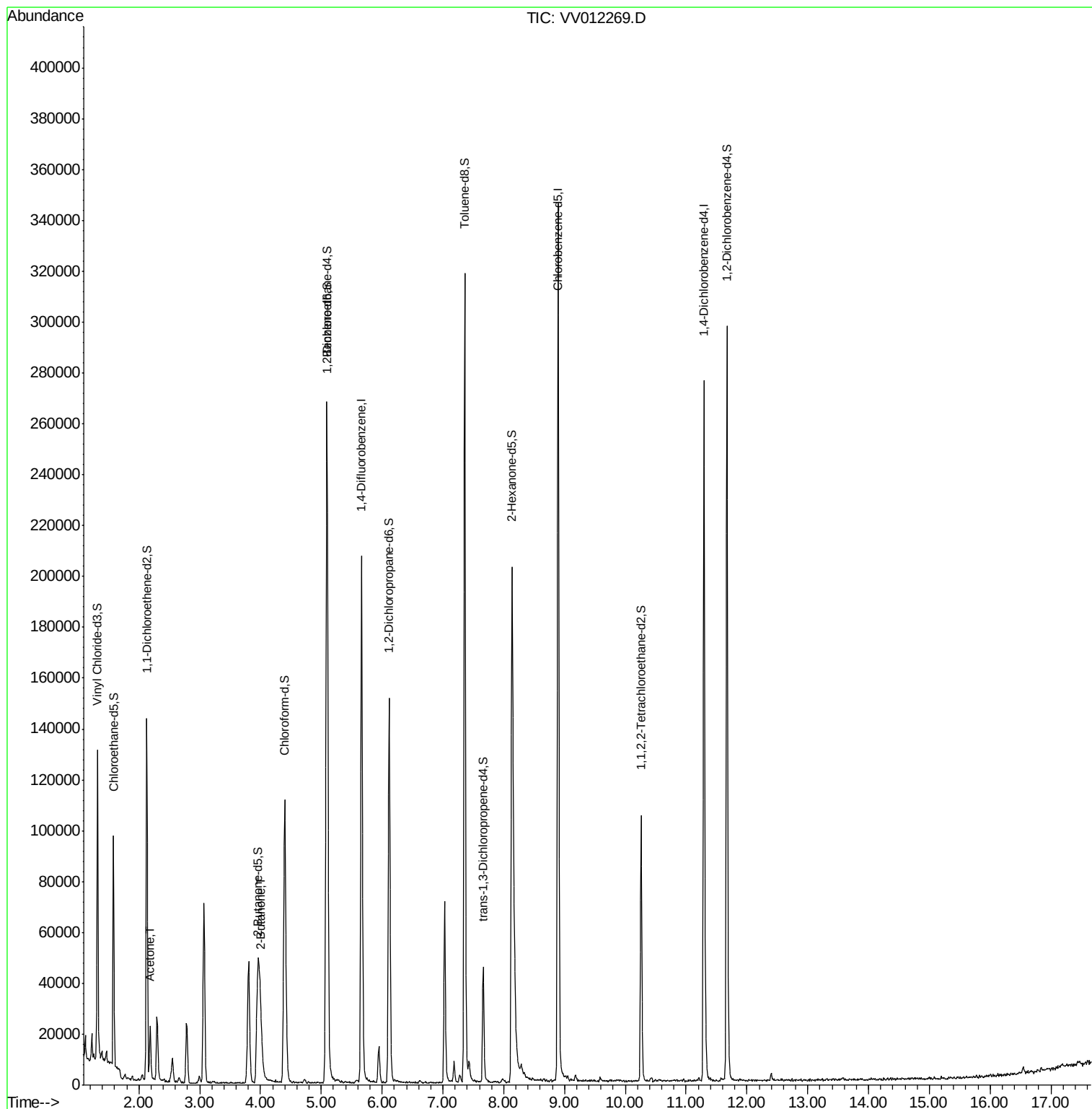
| Target Compounds |      |    |       |               | Ovalue |
|------------------|------|----|-------|---------------|--------|
| 13) Acetone      | 2.19 | 43 | 18952 | 12.855 ug/L   | 98     |
| 21) 2-Butanone   | 4.01 | 43 | 30955 | 10.269 ug/L # | 70     |

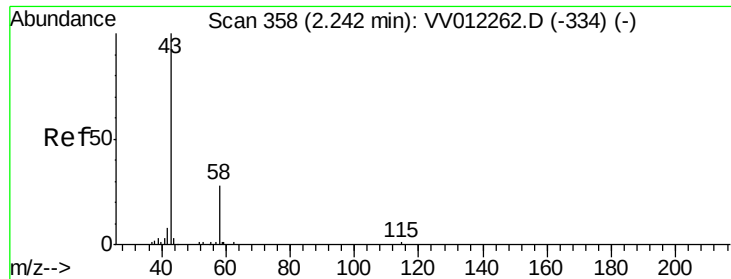
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 12.855 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.05 min

Lab File: VV012269.D

Acq: 16 Aug 2019 14:33

Instrument :

MSVOA\_V

ClientSampled :

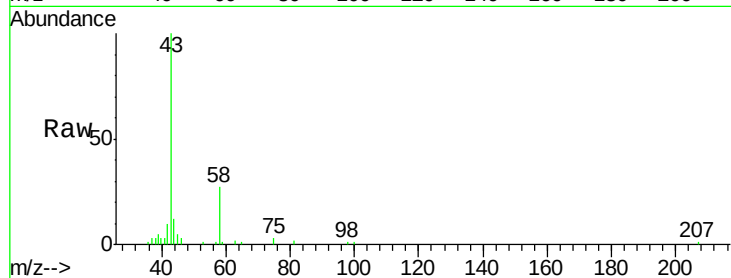
C0AG2

Tot Ion: 43 Resp: 18952

Ion Ratio Lower Upper

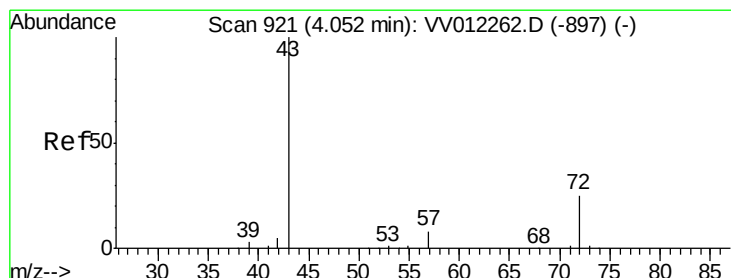
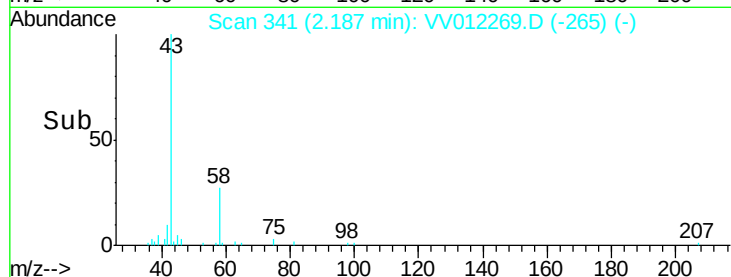
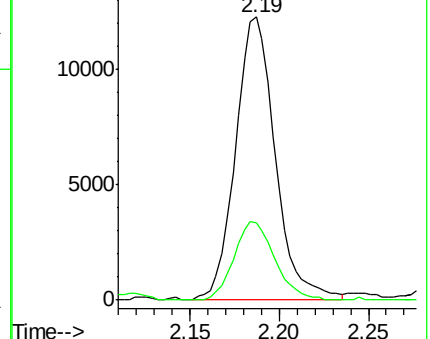
43 100

58 28.4 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 10.269 ug/L

RT: 4.01 min Scan# 907

Delta R.T. -0.04 min

Lab File: VV012269.D

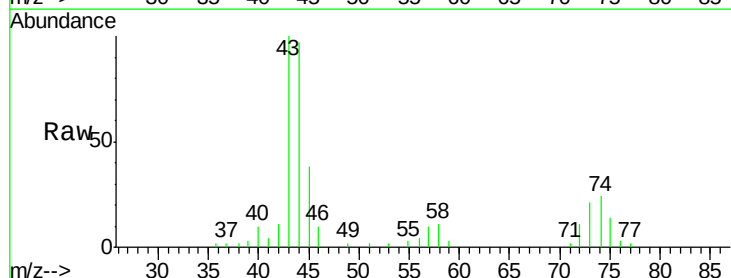
Acq: 16 Aug 2019 14:33

Tgt Ion: 43 Resp: 30955

Ion Ratio Lower Upper

43 100

72 10.6 12.9 38.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

