

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\  
 Data File : VV015221.D  
 Acq On : 28 Mar 2020 03:32  
 Operator : SY/MD  
 Sample : L2005-09  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 28 05:28:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032720WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 28 05:21:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 665054   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 630683   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 266972   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 134533   | 49.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 99.72%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 131245   | 45.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.74%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 219426   | 32.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.04%  |
| 21) 2-Butanone-d5              | 3.94    | 46    | 208160   | 65.12    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 65.12%  |
| 24) Chloroform-d               | 4.38    | 84    | 275654   | 39.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 78.32%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 181064   | 39.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 78.94%  |
| 32) Benzene-d6                 | 5.08    | 84    | 512520   | 46.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.30%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 168783   | 40.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 81.16%  |
| 41) Toluene-d8                 | 7.34    | 98    | 466761   | 47.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.40%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 86980    | 39.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.26%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 167012   | 69.57    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 69.57%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 255269   | 34.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 69.68%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 181999   | 39.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 79.92%# |

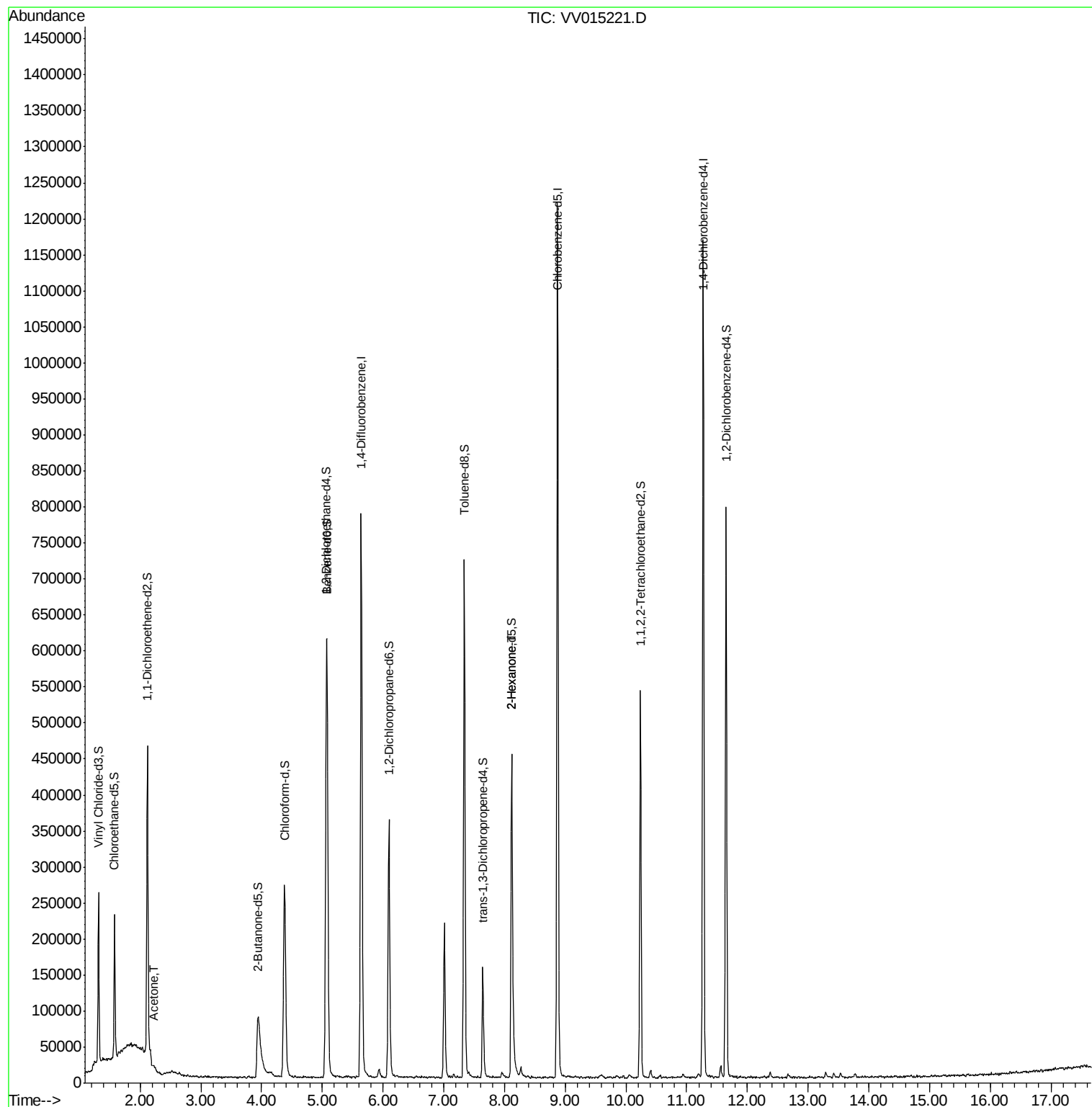
| Target Compounds |      |    |       |              | Ovalue |
|------------------|------|----|-------|--------------|--------|
| 13) Acetone      | 2.22 | 43 | 11968 | 6.413 ug/L # | 100    |
| 48) 2-Hexanone   | 8.12 | 43 | 19112 | 3.833 ug/L # | 88     |

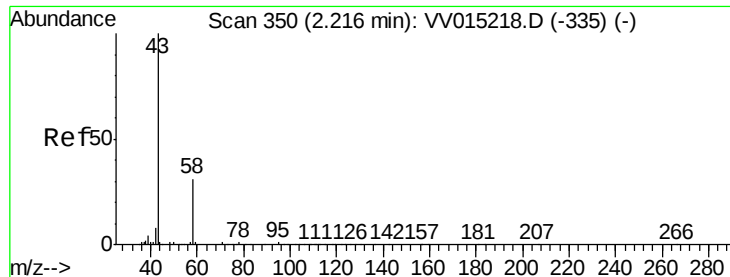
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM032720WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Mar 28 05:21:13 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 6.413 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.00 min

Lab File: VV015221.D

Acq: 28 Mar 2020 03:32

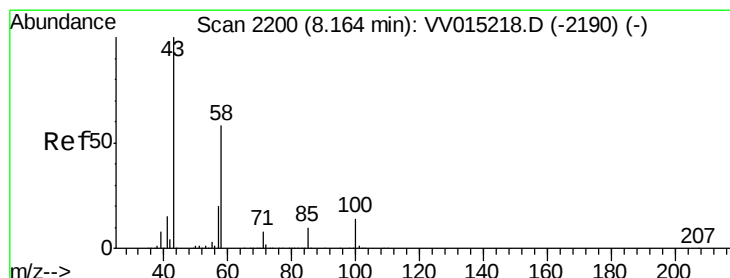
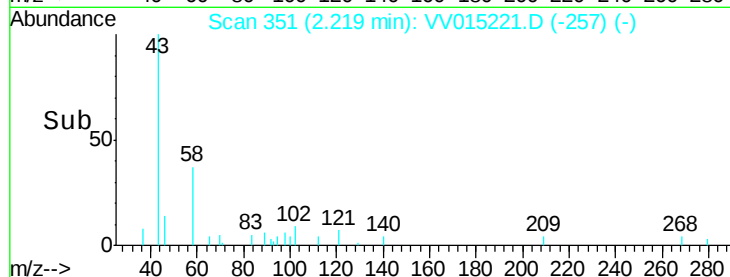
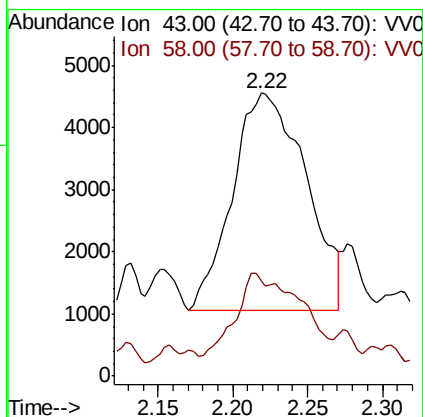
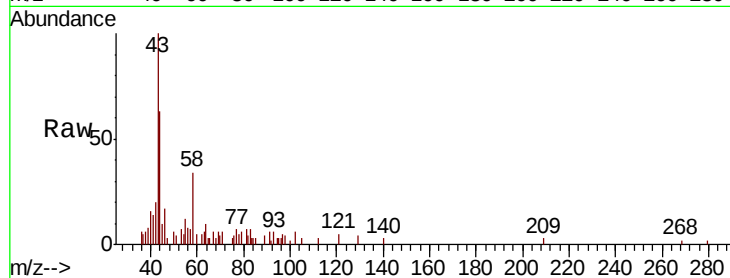
Instrument :  
MSVOA\_V  
ClientSampleId :

Tot Ion: 43 Resp: 11968

Ion Ratio Lower Upper

43 100

58 15.1 0.0 0.0#



#48

2-Hexanone

Concen: 3.833 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV015221.D

Acq: 28 Mar 2020 03:32

Tgt Ion: 43 Resp: 19112

Ion Ratio Lower Upper

43 100

58 49.2 45.5 68.3

57 19.0 15.8 23.6

100 0.4 10.9 16.3#

