Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010204.D
Acq On : 09 Apr 2019 05:01
Operator : SY/MD
Sample : K2254-21
Misc : 4.97G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFC42

Quant Time: Apr 09 08:52:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 07:35:38 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 246595 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 228430 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 95833 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 46369 | 14.05 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 56.20% | | | |
| 7) Chloroethane-d5 | 1.56 | 69 | 68605 | 16.73 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 66.92% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.12 | 63 | 107773 | 12.94 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 51.76% | | | |
| 20) 2-Butanone-d5 | 3.93 | 46 | 42323 | 45.05 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 90.10% | | | |
| 24) Chloroform-d | 4.40 | 84 | 146546 | 23.59 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 94.36% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 90339 | 25.99 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 103.96% | | | |
| 29) Benzene-d6 | 5.09 | 84 | 292783 | 24.72 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 98.88% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.11 | 67 | 95183 | 27.23 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 108.92% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 255165 | 22.36 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 89.44% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 28850 | 19.30 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 77.20% | | | |
| 39) 2-Hexanone-d5 | 8.13 | 63 | 29232 | 41.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 83.38% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 74065 | 21.48 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 85.92% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 93053 | 24.93 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 99.72% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.19 | 43 | 11500 | 12.382 | ug/L | 97 |
| 16) Methylene chloride | 2.53 | 84 | 16467 | 3.801 | ug/L | 98 |

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

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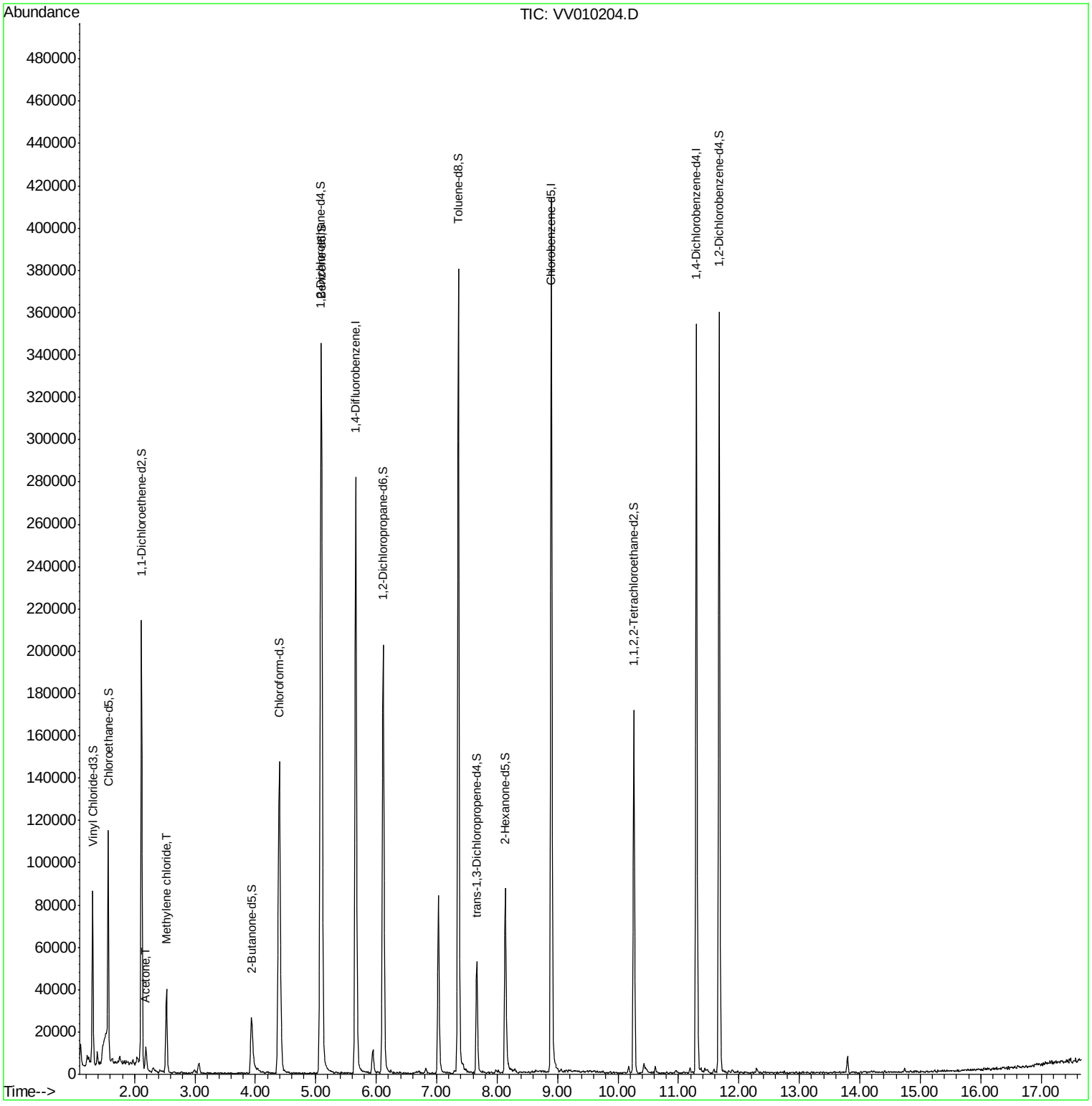
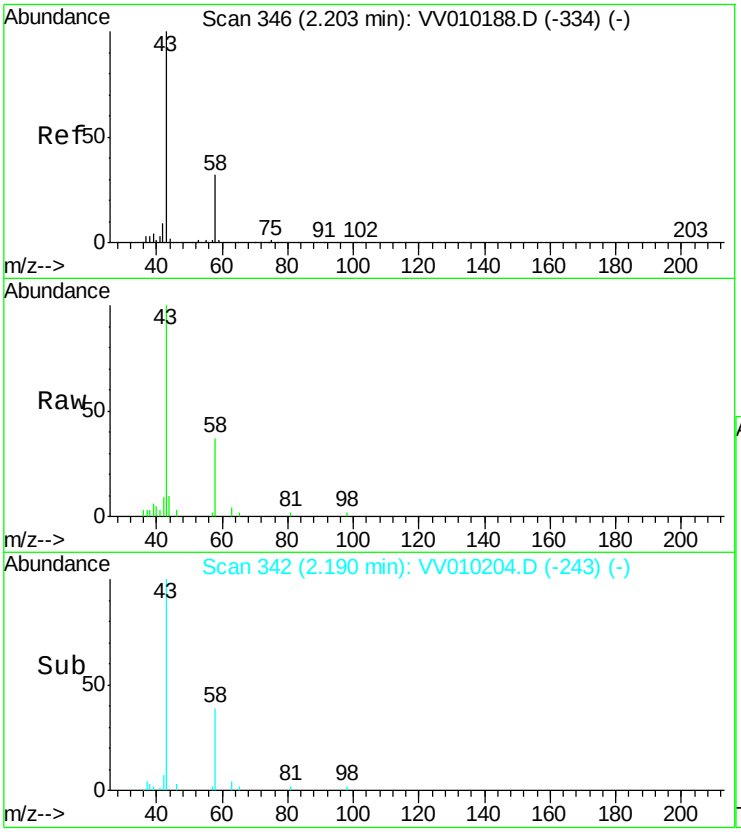


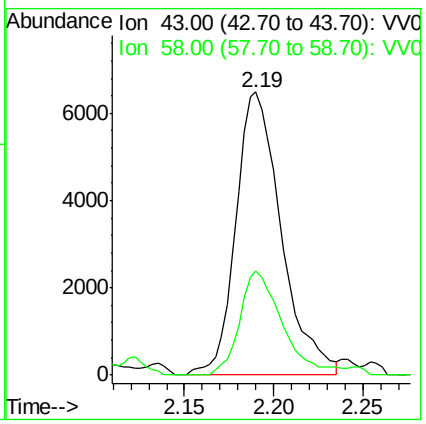


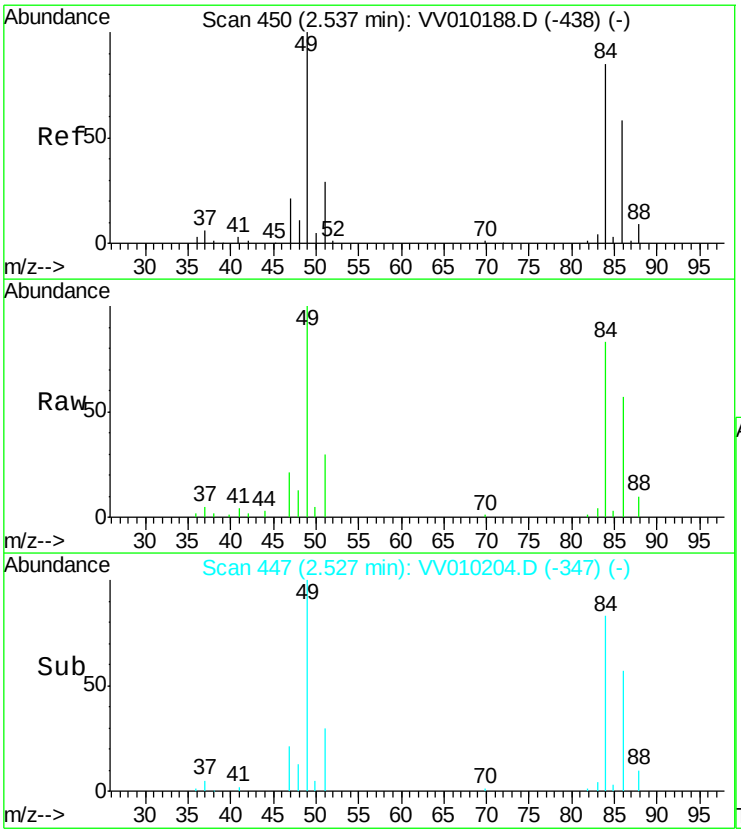

#13
Acetone
Concen: 12.382 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV010204.D
Acq: 09 Apr 2019 05:01

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFC42

Tgt Ion: 43 Resp: 11500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.7 | 0.0 | 64.6 |




#16
Methylene chloride
Concen: 3.801 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010204.D
Acq: 09 Apr 2019 05:01

Tgt Ion: 84 Resp: 16467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 119.9 | 84.3 | 156.5 |
| 86 | 67.9 | 45.4 | 84.2 |