Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100919\
Data File : VV013081.D
Acq On : 09 Oct 2019 17:57
Operator : SY/MD
Sample : K5265-21
Misc : 6.41G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** DBAT3

**Manual Integrations APPROVED**
MMDadoda
10/17/2019 5:33:01 AM

Quant Time: Oct 10 09:04:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 10 07:47:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 476386 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 437306 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 157725 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 126932 | 17.17 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 68.68% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 127731 | 21.37 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 85.48% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.13 | 63 | 179175 | 14.58 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 58.32% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 99435 | 38.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 77.92% | | | |
| 24) Chloroform-d | 4.40 | 84 | 277369 | 21.19 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 84.76% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 159434 | 20.96 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 83.84% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 526836 | 21.58 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 86.32% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.11 | 67 | 176686 | 23.09 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 92.36% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 417845 | 18.85 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 75.40% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 58363 | 18.01 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 72.04% | | | |
| 39) 2-Hexanone-d5 | 8.14 | 63 | 58425 | 37.94 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 75.88% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 149387 | 20.55 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 82.20% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 134713 | 21.98 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 87.92% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 13) Acetone | 2.20 | 43 | 4806m | 1.772 | ug/L | |
| 16) Methylene chloride | 2.54 | 84 | 10964 | 1.540 | ug/L | 94 |

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

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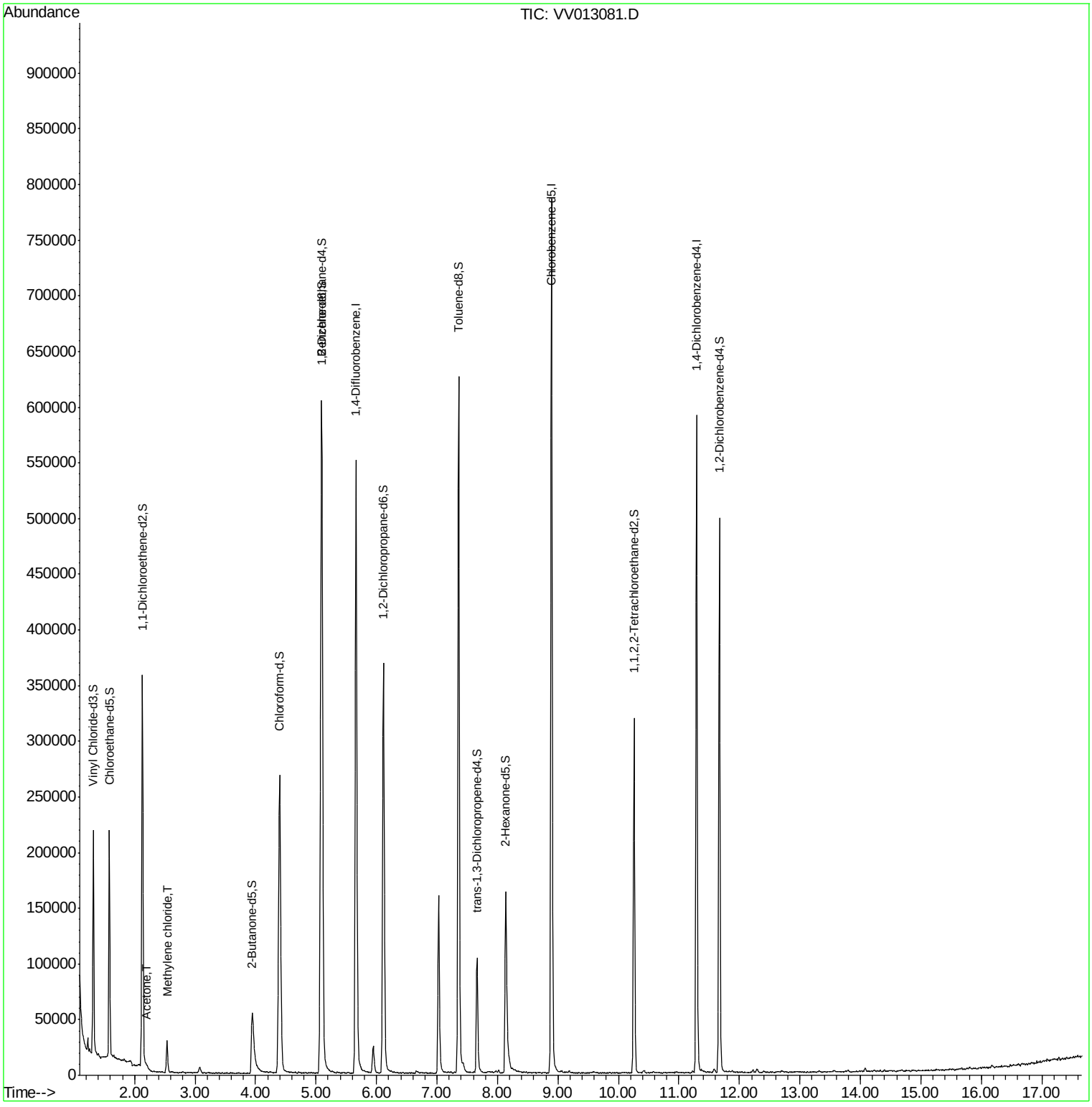
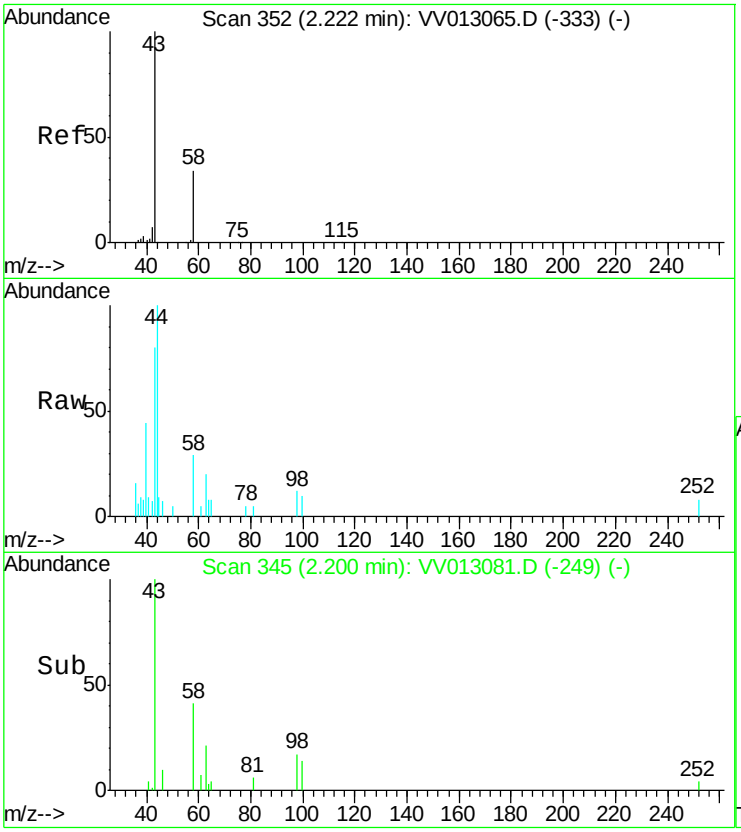
**Instrument :**
MSVOA_V
**ClientSampleId :**
DBAT3

**Manual Integrations APPROVED**
MMDadoda
10/17/2019 5:33:01 AM





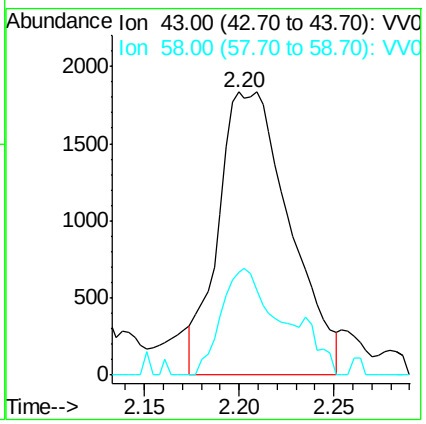

#13
Acetone
Concen: 1.772 ug/L m
RT: 2.20 min Scan# 345
Delta R.T. -0.02 min
Lab File: VV013081.D
Acq: 09 Oct 2019 17:57

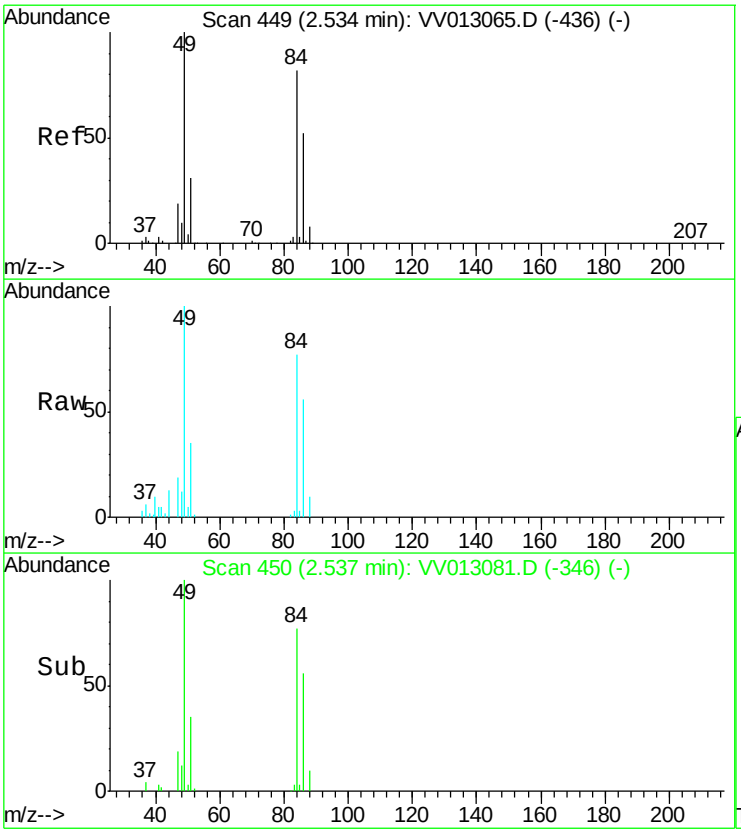
Tgt Ion: 43 Resp: 4806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.9 | 0.0 | 65.0 |

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBAT3

**Manual Integrations APPROVED**
MMDadoda
10/17/2019 5:33:01 AM




#16
Methylene chloride
Concen: 1.540 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV013081.D
Acq: 09 Oct 2019 17:57

Tgt Ion: 84 Resp: 10964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 130.0 | 88.3 | 164.1 |
| 86 | 72.3 | 44.9 | 83.3 |