Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120319\
Data File : VV013884.D
Acq On : 03 Dec 2019 11:22
Operator : SY/MD
Sample : K6061-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VHBLK01

Quant Time: Dec 04 01:36:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 04 01:11:22 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 593798 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 561811 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 247410 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 166414 | 48.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 96.92% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 183104 | 51.08 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 102.16% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 284351 | 37.44 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 74.88% | | | |
| 21) 2-Butanone-d5 | 3.92 | 46 | 259321 | 107.28 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 107.28% | | | |
| 24) Chloroform-d | 4.40 | 84 | 376885 | 52.26 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 104.52% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.07 | 65 | 251898 | 55.12 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 110.24% | | | |
| 32) Benzene-d6 | 5.09 | 84 | 768096 | 52.76 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 105.52% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.11 | 67 | 235893 | 53.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 107.96% | | | |
| 41) Toluene-d8 | 7.35 | 98 | 655439 | 49.39 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 98.78% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 104034 | 48.93 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 97.86% | | | |
| 47) 2-Hexanone-d5 | 8.13 | 63 | 143305 | 87.83 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 87.83% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25 | 84 | 328992 | 51.99 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 103.98% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 285684 | 58.79 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 117.58% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.18 | 43 | 6685 | 1.887 | ug/L | 84 |
| 16) Methylene chloride | 2.53 | 84 | 3177 | 0.707 | ug/L | 86 |

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

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**ClientSampleId :** VHBLK01

Quant Time: Dec 04 01:36:27 2019
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Quant Title : VOC Analysis
QLast Update : Wed Dec 04 01:11:22 2019
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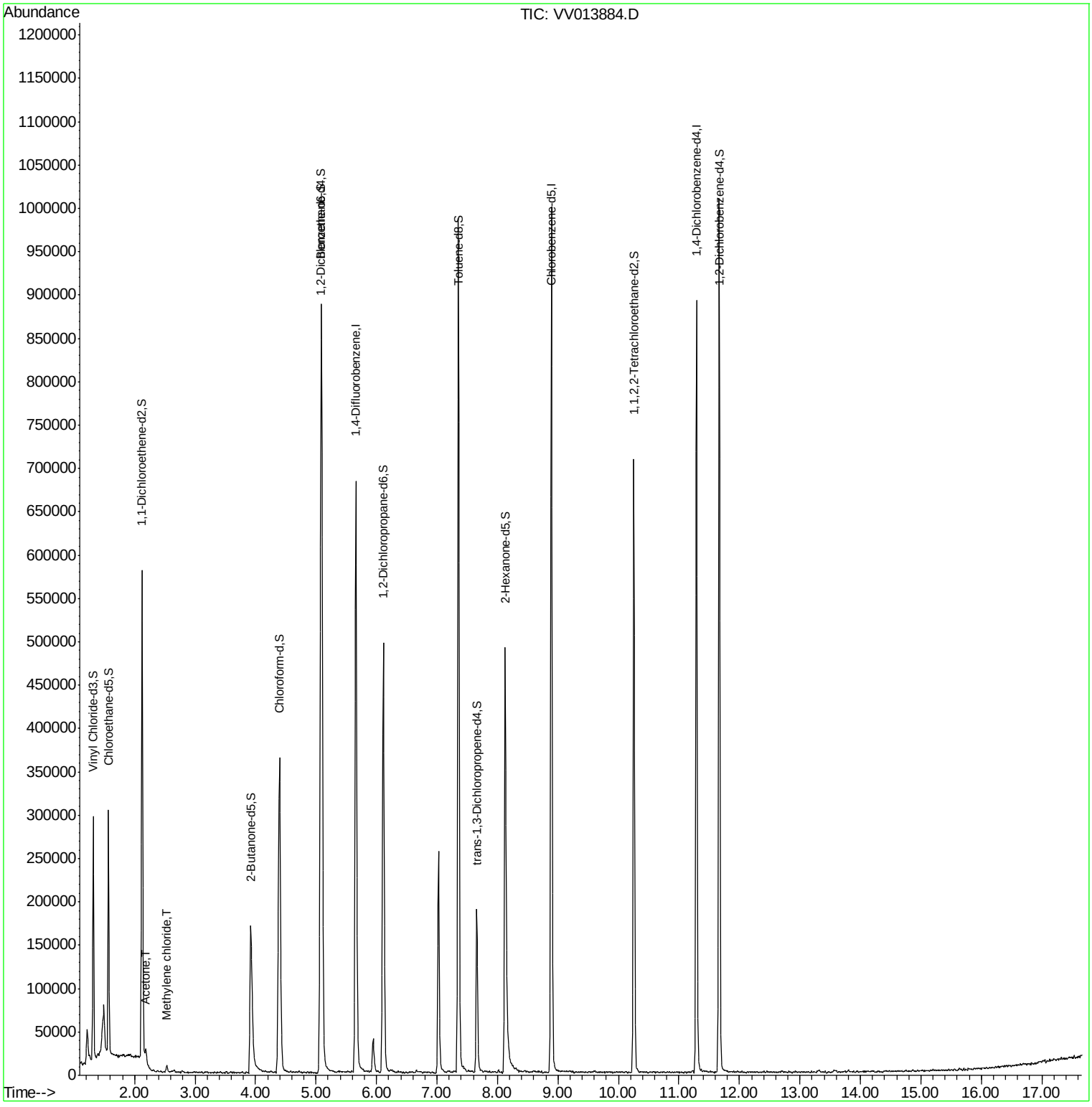
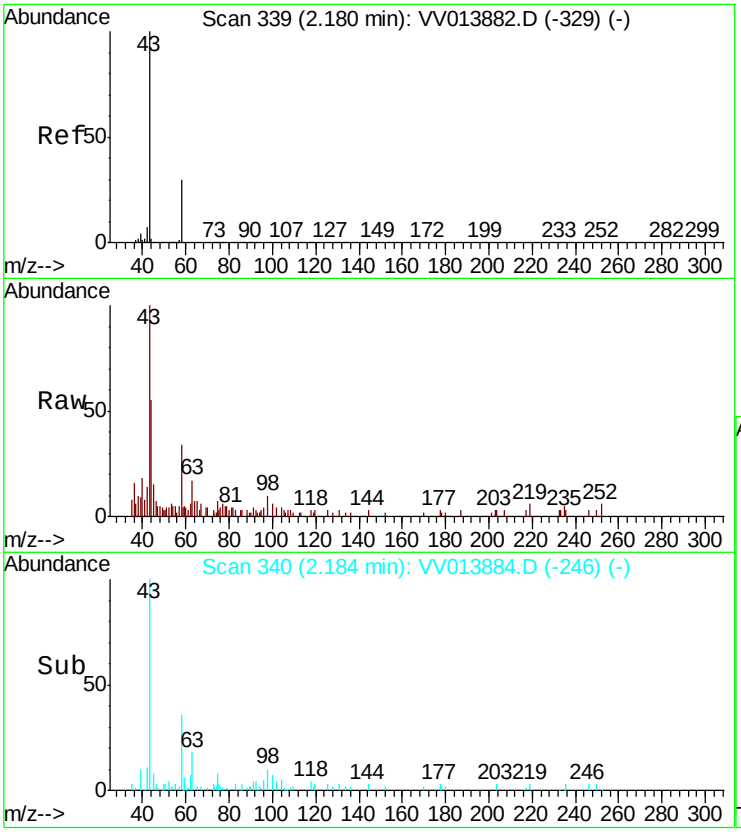


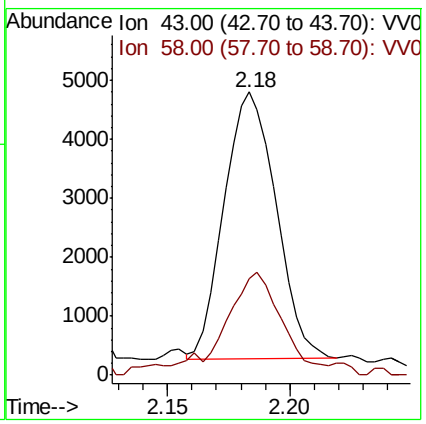


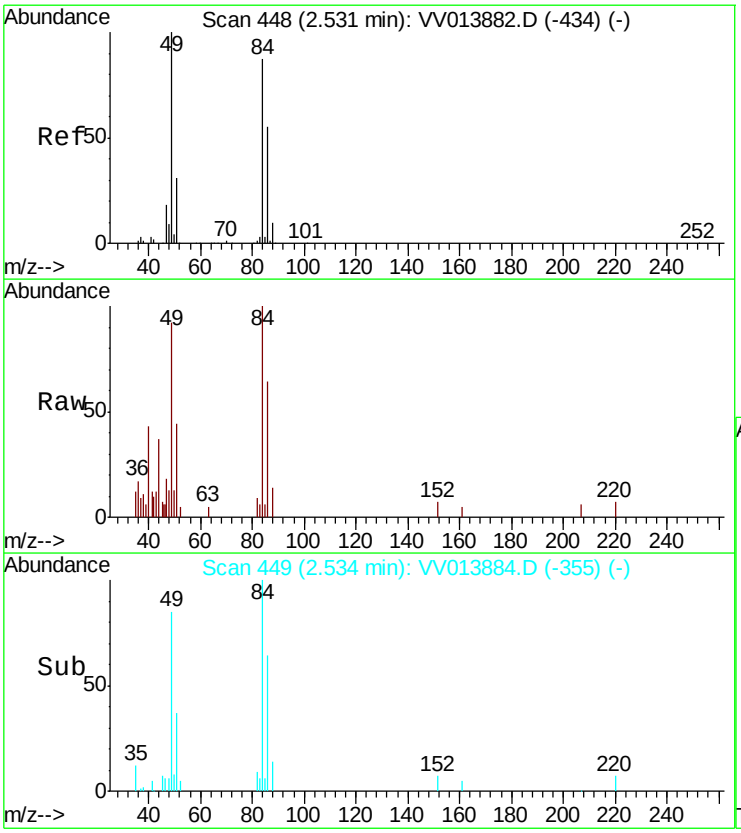

#13
Acetone
Concen: 1.887 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV013884.D
Acq: 03 Dec 2019 11:22

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK01

Tgt Ion: 43 Resp: 6685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.1 | 0.0 | 60.8 |




#16
Methylene chloride
Concen: 0.707 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013884.D
Acq: 03 Dec 2019 11:22

Tgt Ion: 84 Resp: 3177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.0 | 43.9 | 81.5 |
| 49 | 92.2 | 79.7 | 147.9 |