Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\
Data File : VU036296.D
Acq On : 19 Dec 2019 20:56
Operator : JC/MD
Sample : VU1219WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK05

Quant Time: Dec 20 05:41:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 05:33:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 264178 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 291328 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 110129 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.62 | 65 | 115676 | 4.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 99.40% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 104085 | 4.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 99.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.60 | 63 | 120437 | 3.59 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 71.80% | | | |
| 20) 2-Butanone-d5 | 4.68 | 46 | 188089 | 43.16 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 86.32% | | | |
| 24) Chloroform-d | 5.11 | 84 | 163825 | 4.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 90798 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.40% | | | |
| 32) Benzene-d6 | 5.77 | 84 | 320707 | 4.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.73 | 67 | 102885 | 4.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 89.20% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 261420 | 3.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 75.80% | | | |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 37295 | 3.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 78.60% | | | |
| 46) 2-Hexanone-d5 | 8.67 | 63 | 151764 | 41.81 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 83.62% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78 | 84 | 90926 | 4.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 86.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 100298 | 4.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 95.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.66 | 43 | 9964 | 2.623 | ug/L | 99 |
| 16) Methylene chloride | 3.08 | 84 | 7471 | 0.259 | ug/L | 98 |

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

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**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK05

Quant Time: Dec 20 05:41:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 05:33:55 2019
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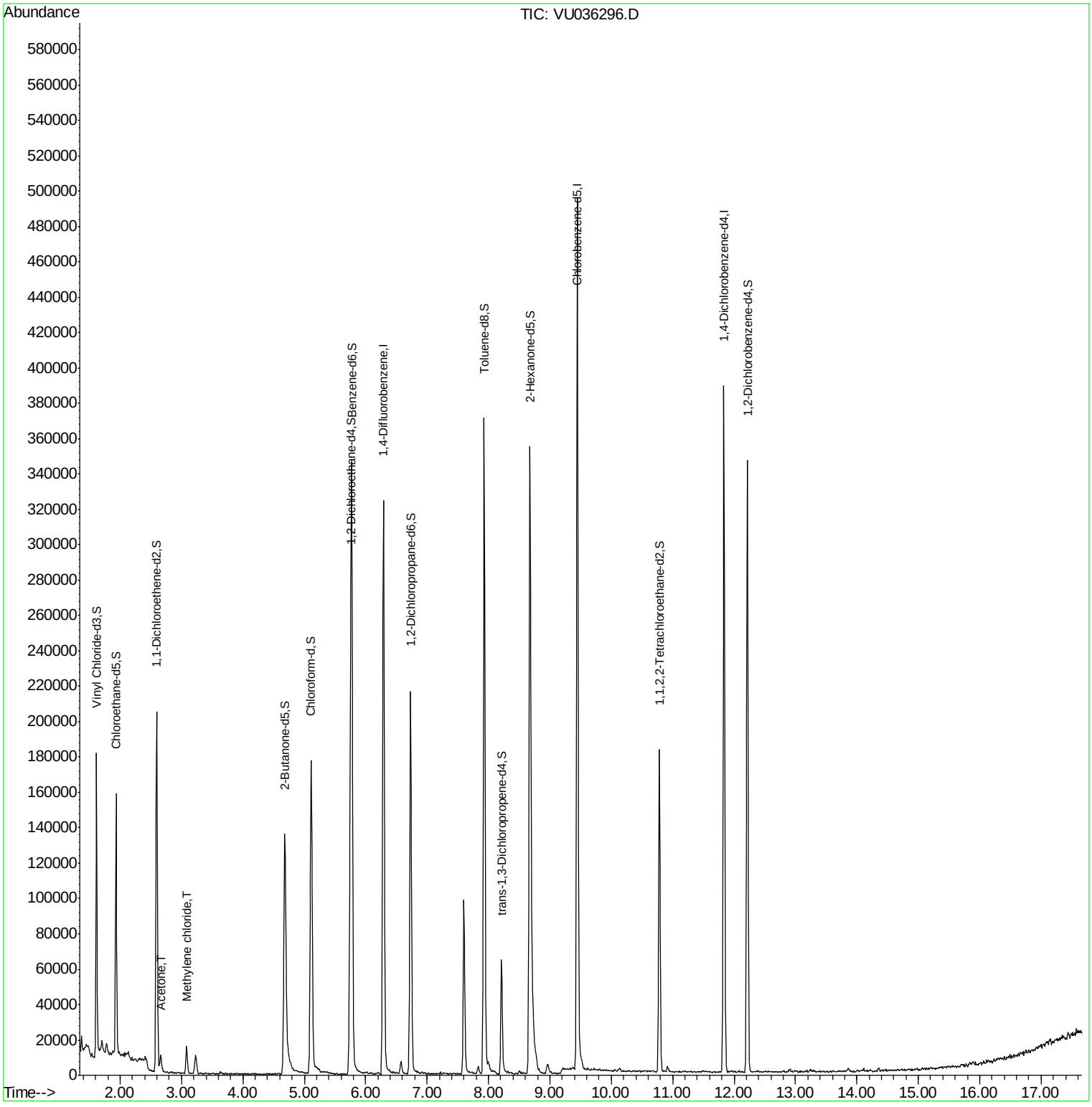
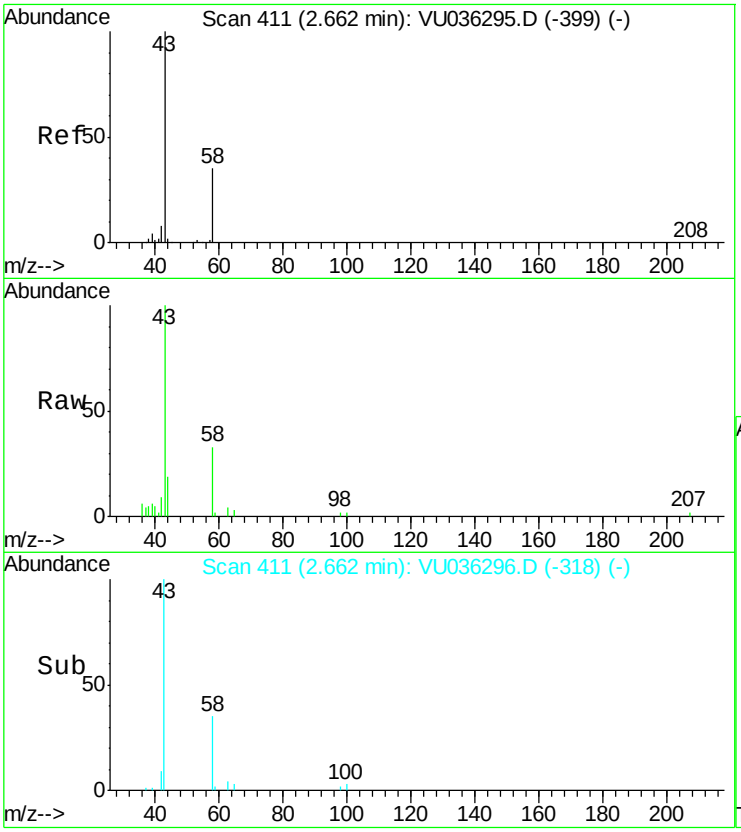


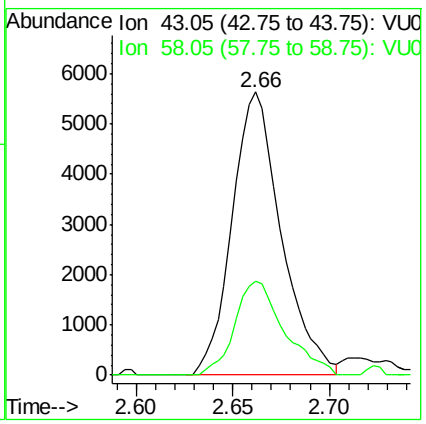


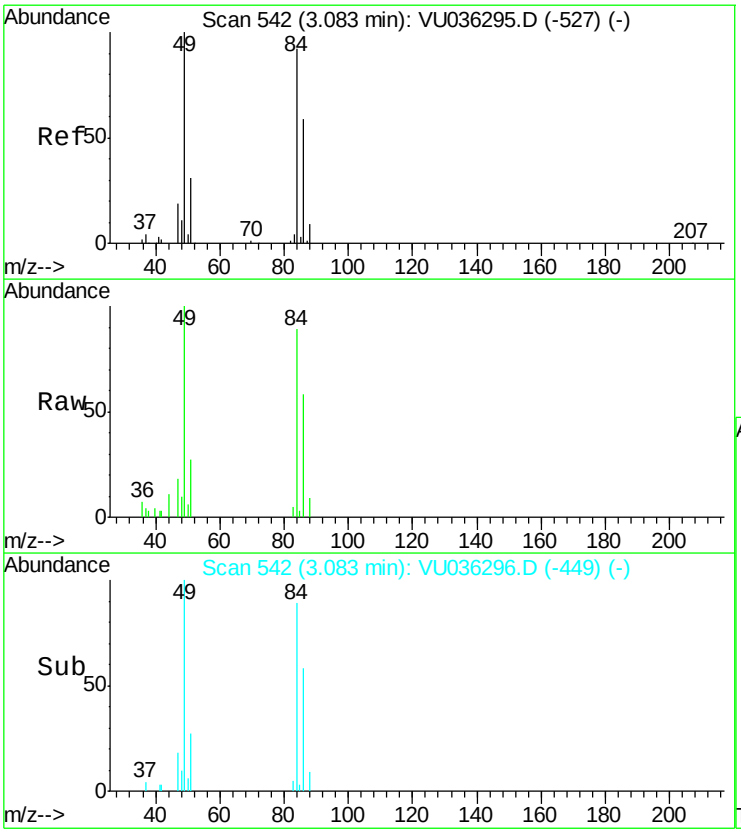

#13
Acetone
Concen: 2.623 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU036296.D
Acq: 19 Dec 2019 20:56

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK05

Tgt Ion: 43 Resp: 9964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.2 | 0.0 | 67.6 |




#16
Methylene chloride
Concen: 0.259 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036296.D
Acq: 19 Dec 2019 20:56

Tgt Ion: 84 Resp: 7471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.7 | 43.0 | 79.8 |
| 49 | 111.8 | 77.3 | 143.5 |