Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121719\
Data File : VU036249.D
Acq On : 17 Dec 2019 11:09
Operator : JC/MD
Sample : VU1217WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK02

Quant Time: Dec 18 01:31:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 18 01:23:38 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 216317 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 239848 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152 | 88259 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 91539 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 96.20% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 85281 | 4.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 99.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 93971 | 3.42 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 68.40% | | | |
| 20) 2-Butanone-d5 | 4.69 | 46 | 204228 | 57.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 114.46% | | | |
| 24) Chloroform-d | 5.11 | 84 | 159003 | 5.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 103.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 88696 | 5.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 110.20% | | | |
| 32) Benzene-d6 | 5.77 | 84 | 285425 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.73 | 67 | 95387 | 5.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 100.40% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 225965 | 3.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 79.60% | | | |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 36346 | 4.65 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 93.00% | | | |
| 46) 2-Hexanone-d5 | 8.68 | 63 | 150886 | 50.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 100.98% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78 | 84 | 90368 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 104.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 87702 | 5.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 103.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.68 | 43 | 8089 | 2.601 | ug/L | 94 |
| 16) Methylene chloride | 3.08 | 84 | 11341 | 0.481 | ug/L | 97 |

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

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VBLK02

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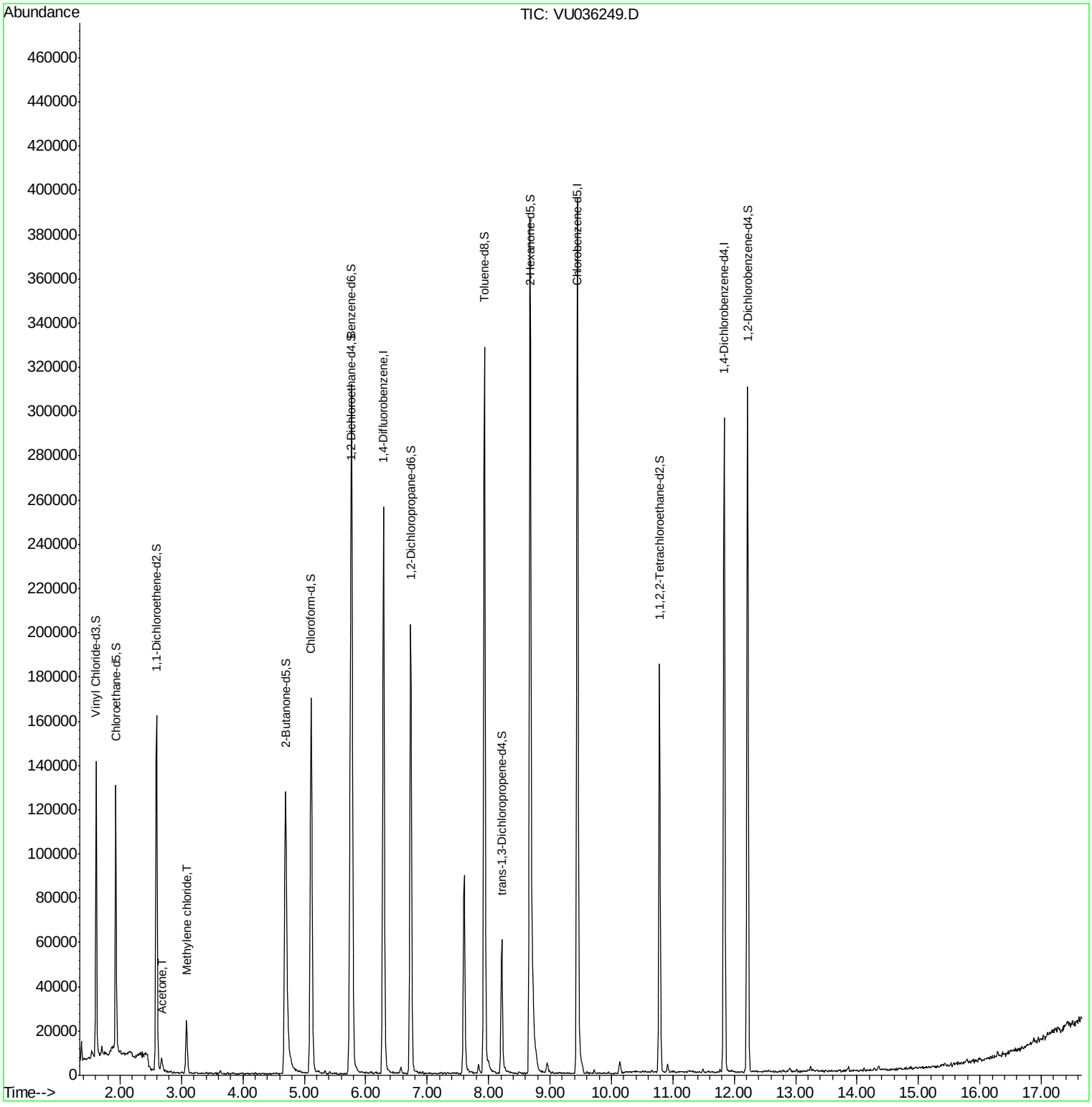
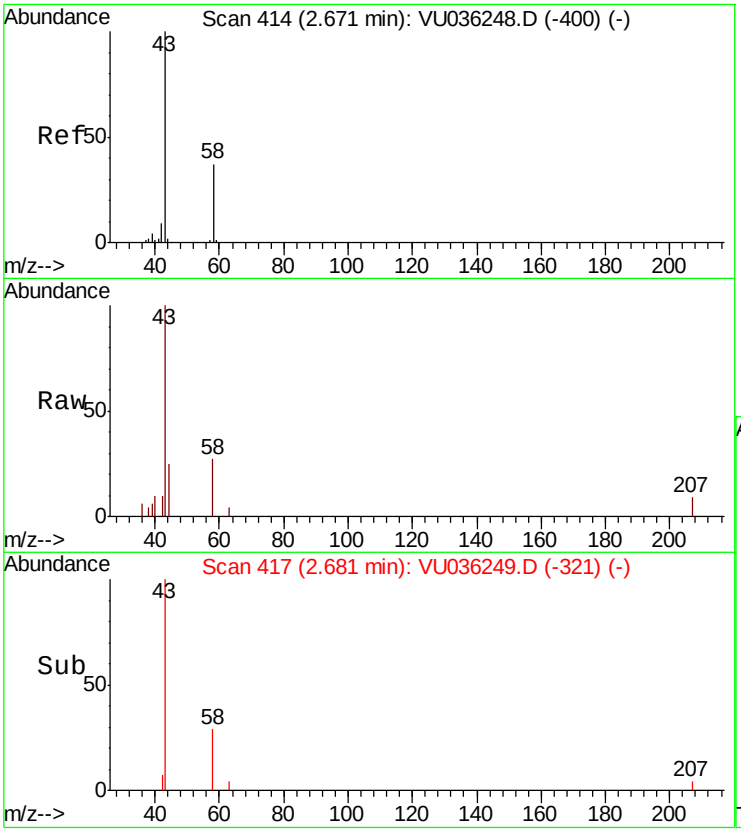


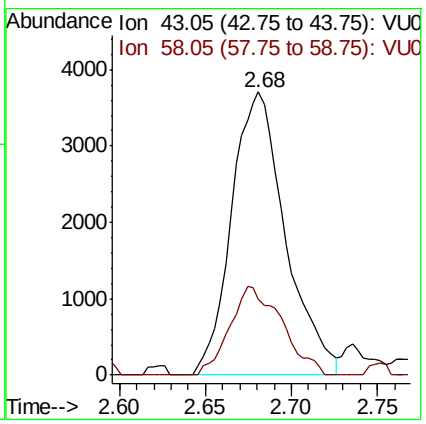


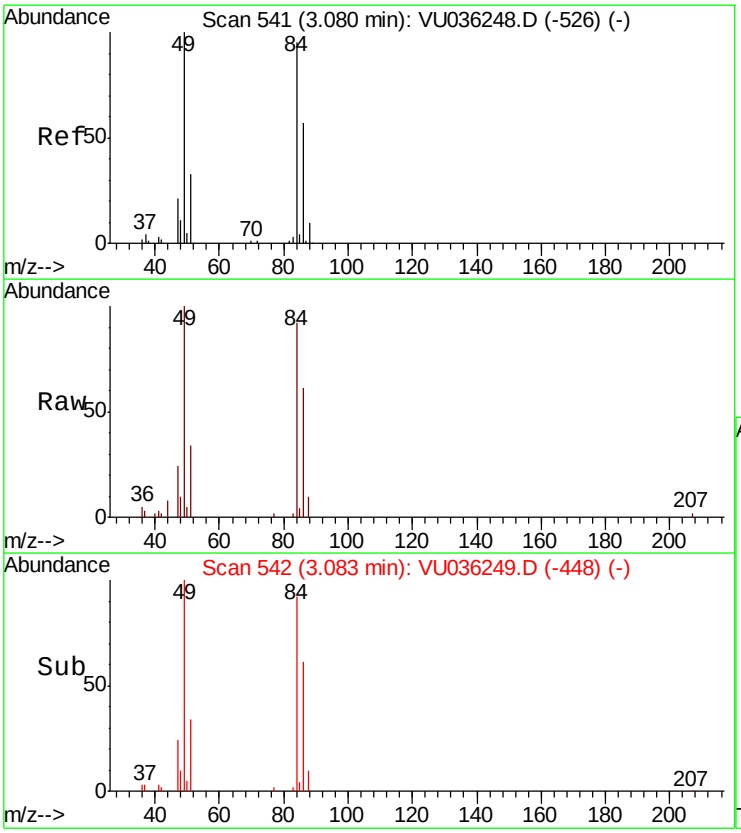

#13
Acetone
Concen: 2.601 ug/L
RT: 2.68 min Scan# 417
Delta R.T. 0.01 min
Lab File: VU036249.D
Acq: 17 Dec 2019 11:09

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK02

Tgt Ion: 43 Resp: 8089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.3 | 0.0 | 67.6 |




#16
Methylene chloride
Concen: 0.481 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036249.D
Acq: 17 Dec 2019 11:09

Tgt Ion: 84 Resp: 11341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 66.1 | 43.0 | 79.8 |
| 49 | 108.4 | 77.3 | 143.5 |