Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\
Data File : VU035123.D
Acq On : 12 Oct 2019 05:42
Operator : JC/SP
Sample : K5342-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AY8

Quant Time: Oct 14 01:59:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 14 01:16:14 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.87 | 114 | 165940 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.07 | 117 | 175663 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152 | 62434 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 51078 | 5.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 104.20% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 48878 | 5.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 106.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.26 | 63 | 74728 | 3.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.20% | | | |
| 20) 2-Butanone-d5 | 4.17 | 46 | 143278 | 49.60 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 99.20% | | | |
| 24) Chloroform-d | 4.63 | 84 | 92678 | 5.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.29 | 65 | 57055 | 5.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 103.80% | | | |
| 32) Benzene-d6 | 5.32 | 84 | 188070 | 4.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.31 | 67 | 67846 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 98.60% | | | |
| 41) Toluene-d8 | 7.55 | 98 | 163797 | 4.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 82.20% | | | |
| 43) trans-1,3-Dichloropropene- | 7.84 | 79 | 19846 | 4.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 80.20% | | | |
| 46) 2-Hexanone-d5 | 8.31 | 63 | 98895 | 41.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 83.92% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41 | 84 | 55831 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.85 | 152 | 55172 | 5.24 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 104.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.31 | 43 | 3126 | 1.321 | ug/L | 71 |
| 47) Tetrachloroethene | 8.21 | 164 | 4973 | 0.450 | ug/L | 97 |

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

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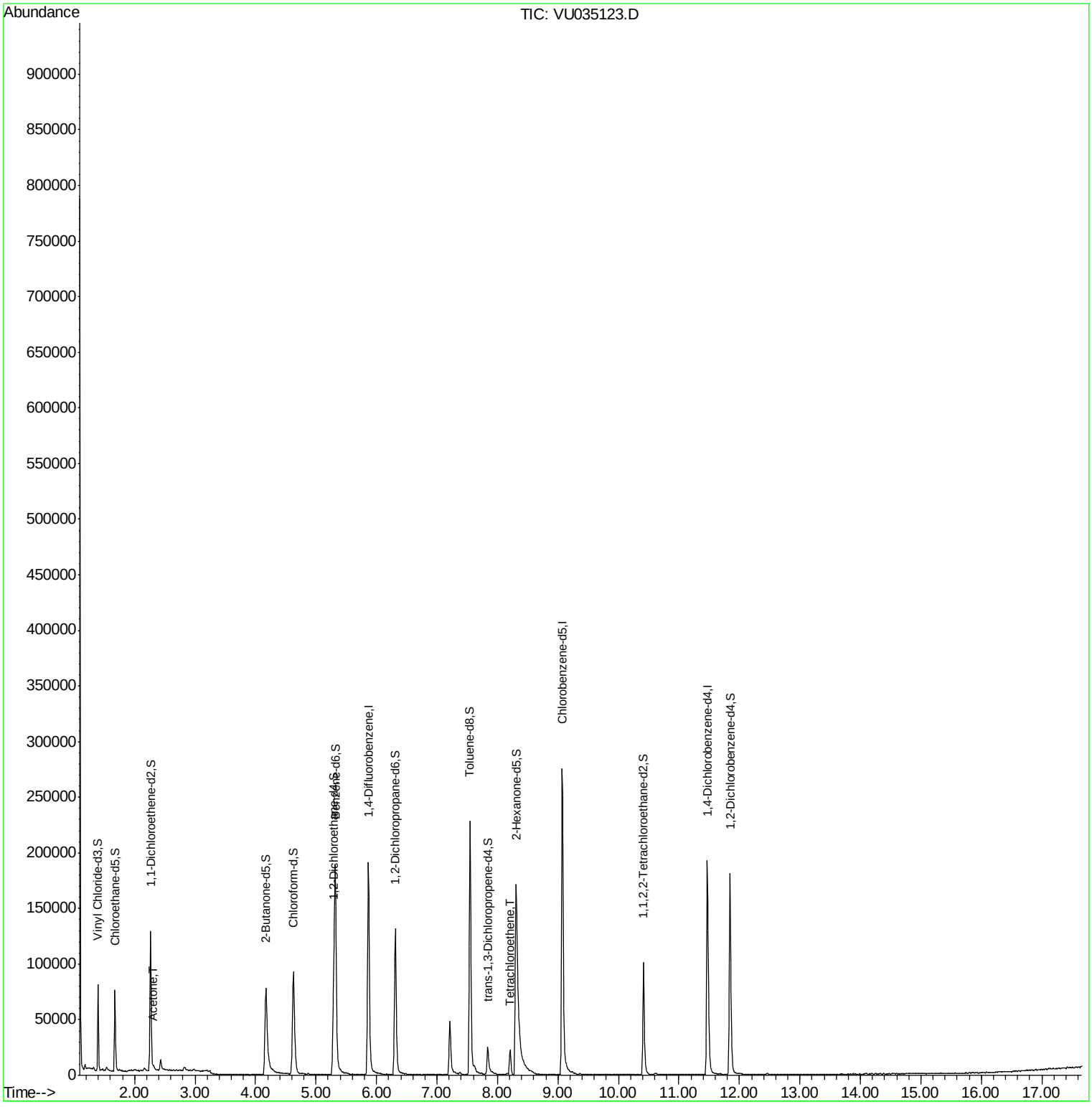
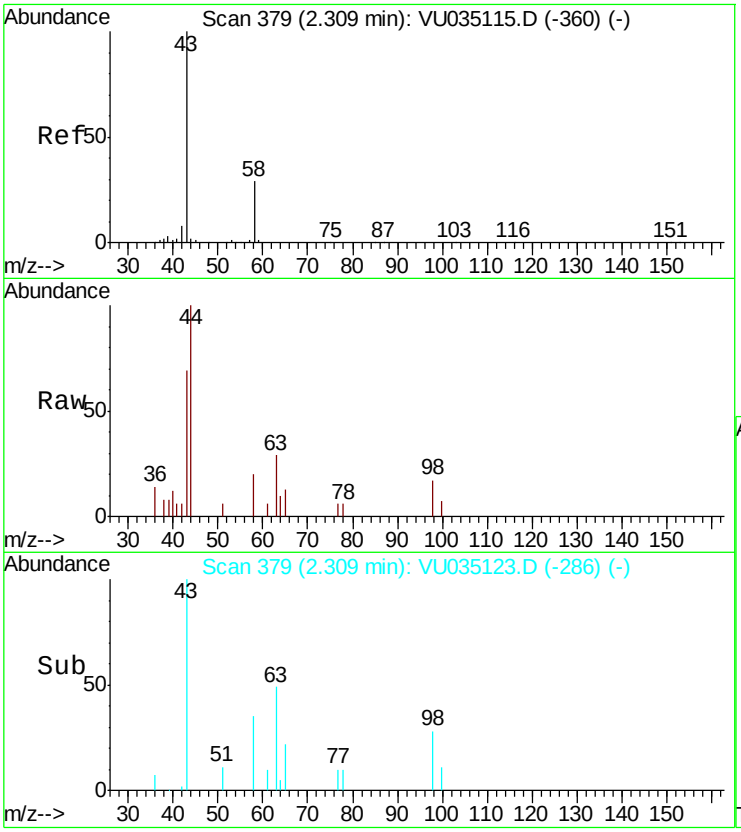


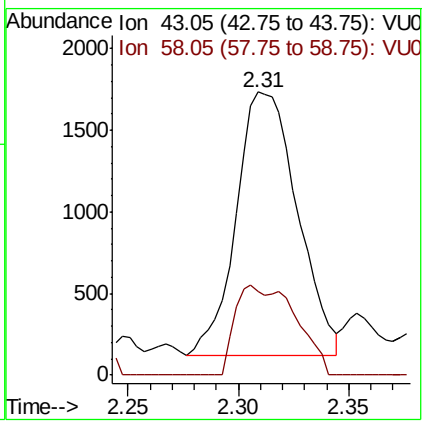


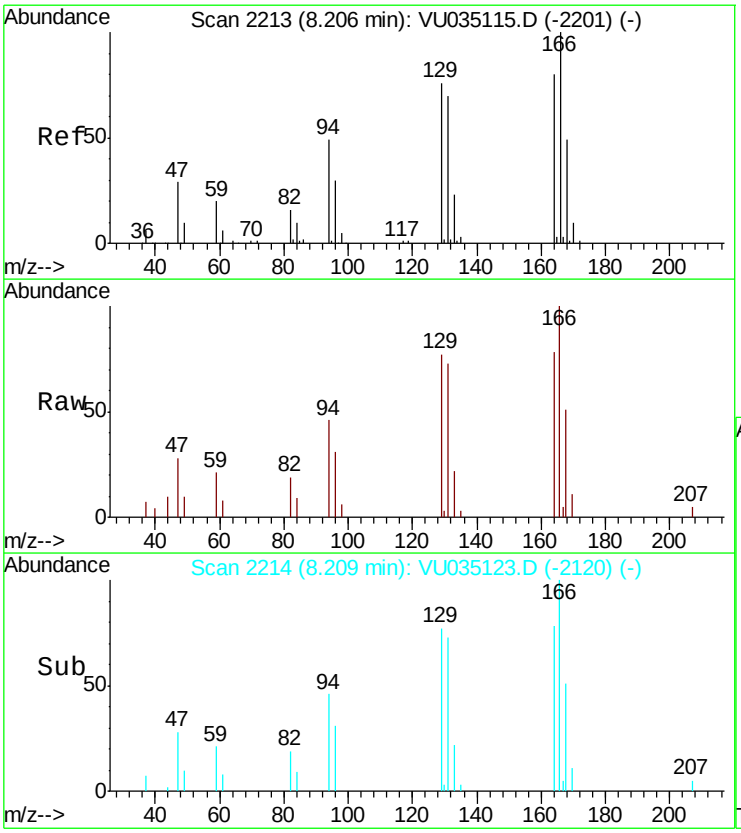

#13
Acetone
Concen: 1.321 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU035123.D
Acq: 12 Oct 2019 05:42

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AY8

Tgt Ion: 43 Resp: 3126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 16.9 | 0.0 | 66.6 |




#47
Tetrachloroethene
Concen: 0.450 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU035123.D
Acq: 12 Oct 2019 05:42

Tgt Ion:164 Resp: 4973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 98.0 | 68.5 | 127.1 |
| 131 | 92.9 | 67.3 | 124.9 |
| 166 | 127.9 | 93.1 | 172.9 |