Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
Data File : VU029891.D
Acq On : 08 Mar 2019 16:37
Operator : JC/SP
Sample : K1734-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BF1E3

Quant Time: Mar 08 23:56:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 22:13:16 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 462781 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 452298 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 215472 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 116474 | 34.35 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 68.70% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 108168 | 35.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 71.76% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 169941 | 25.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 51.28%# | | | |
| 21) 2-Butanone-d5 | 4.17 | 46 | 205954 | 99.80 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 99.80% | | | |
| 24) Chloroform-d | 4.65 | 84 | 251602 | 45.75 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.50% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 155557 | 44.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 89.34% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 532599 | 46.80 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 93.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 166710 | 48.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 97.38% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 480300 | 41.35 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 82.70% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 74783 | 41.17 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 82.34% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 164926 | 86.49 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 86.49% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 257791 | 44.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 89.12% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 207128 | 44.61 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 89.22% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.32 | 43 | 5858 | 2.656 | ug/L | 95 |
| 42) Toluene | 7.64 | 91 | 33838 | 2.467 | ug/L | 98 |

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

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**Instrument :**
MSVOA_U
**ClientSampleId :**
BF1E3

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QLast Update : Fri Mar 08 22:13:16 2019
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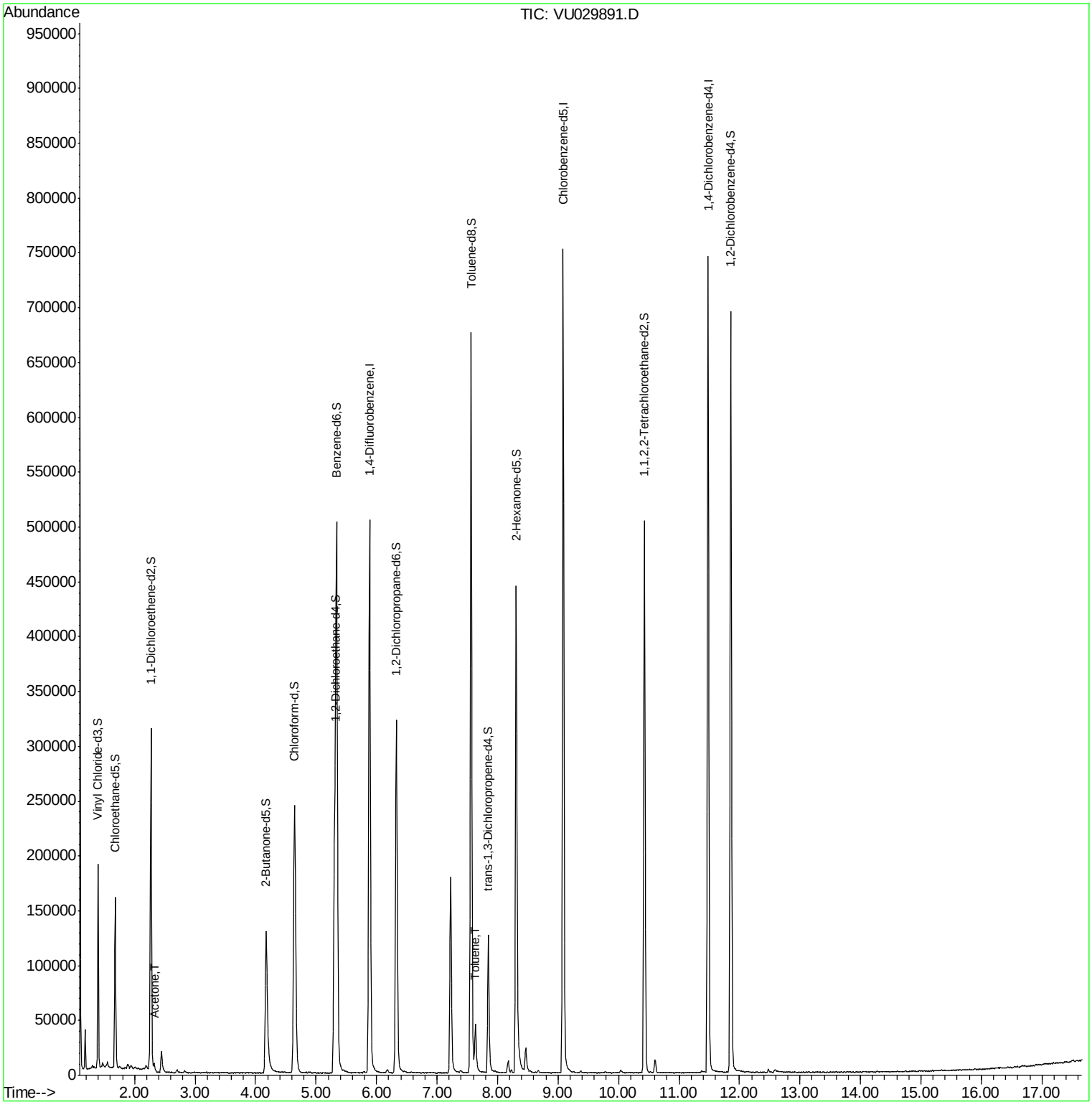
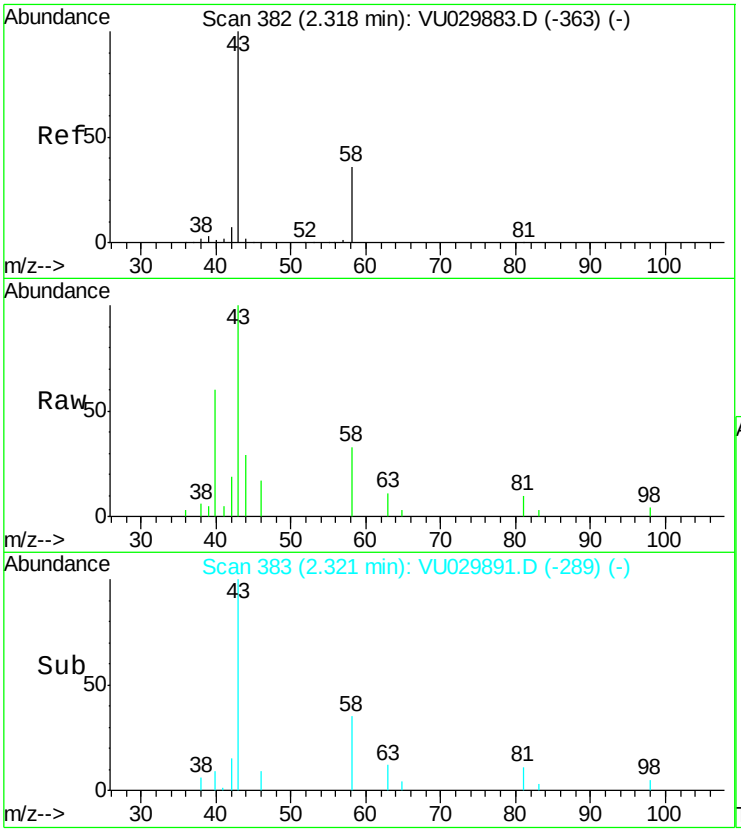


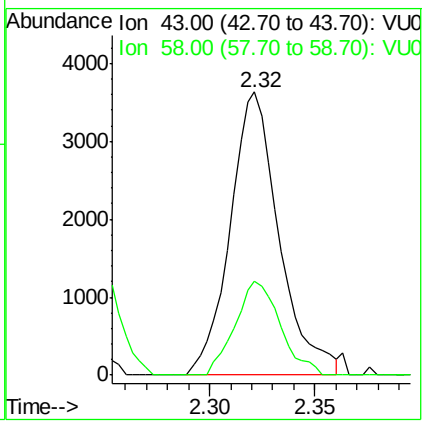


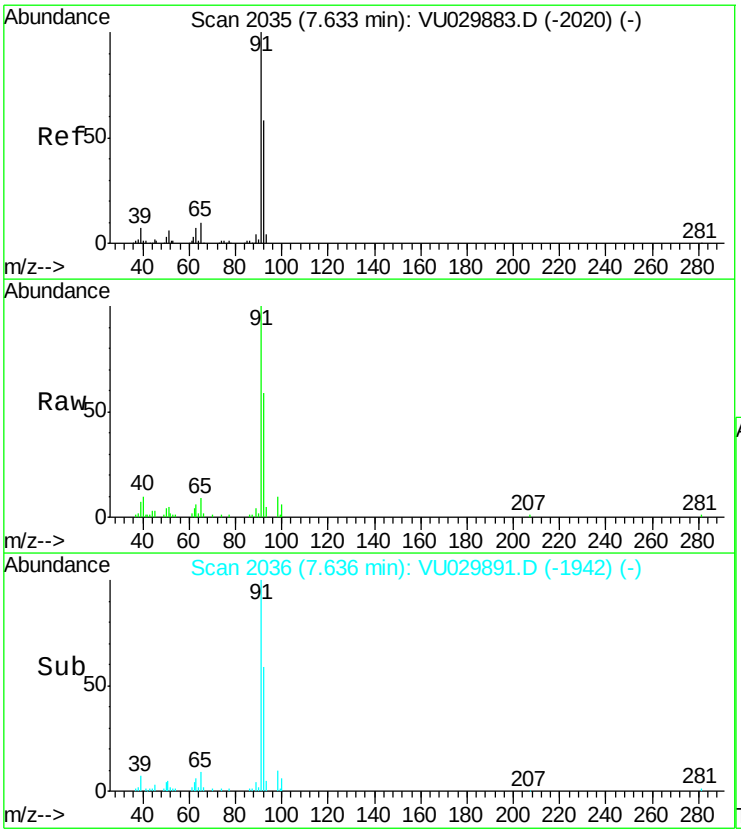

#13
Acetone
Concen: 2.656 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029891.D
Acq: 08 Mar 2019 16:37

**Instrument :** MSVOA_U
**ClientSampleId :** BF1E3

Tgt Ion: 43 Resp: 5858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.6 | 0.0 | 66.8 |




#42
Toluene
Concen: 2.467 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029891.D
Acq: 08 Mar 2019 16:37

Tgt Ion: 91 Resp: 33838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.4 | 40.8 | 75.8 |