Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** DB8K2

Quant Time: Jun 07 06:20:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 211444 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 197888 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 101579 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 48991 | 35.71 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 71.42% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 44259 | 40.15 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 80.30% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 78611 | 29.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 58.54%# | | | |
| 21) 2-Butanone-d5 | 4.17 | 46 | 111844 | 97.42 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 97.42% | | | |
| 24) Chloroform-d | 4.64 | 84 | 113562 | 44.39 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.78% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.30 | 65 | 77255 | 47.93 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.86% | | | |
| 32) Benzene-d6 | 5.33 | 84 | 237209 | 46.17 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 92.34% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.32 | 67 | 77145 | 47.89 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 95.78% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 228300 | 46.87 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 93.74% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 34800 | 45.14 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 90.28% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 78899 | 100.97 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 100.97% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 114478 | 49.05 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 98.10% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.85 | 152 | 100289 | 51.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 103.10% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.32 | 43 | 1426 | 1.204 | ug/L | 84 |
| 51) Chlorobenzene | 9.12 | 112 | 2975 | 0.758 | ug/L | 95 |

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

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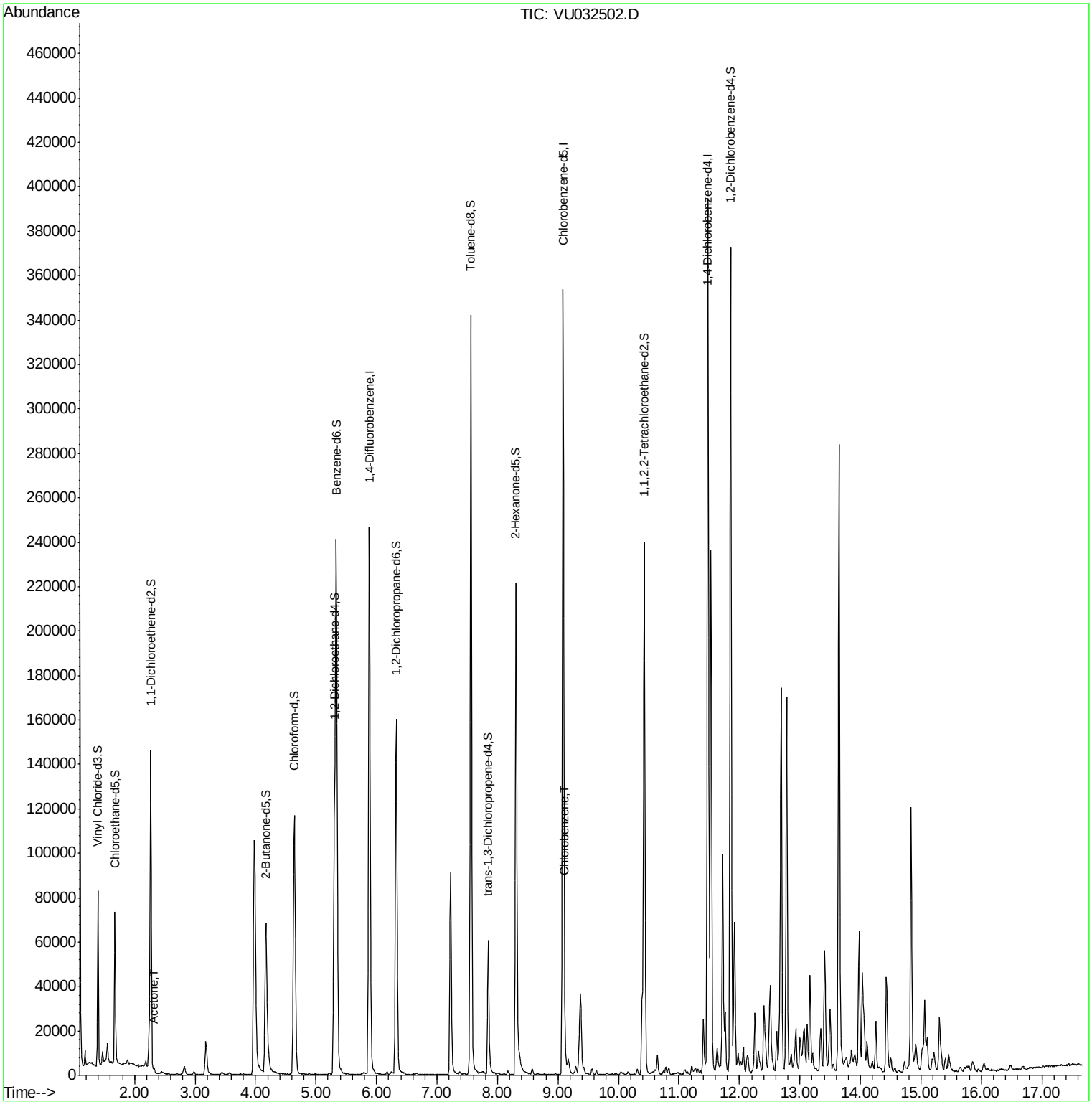
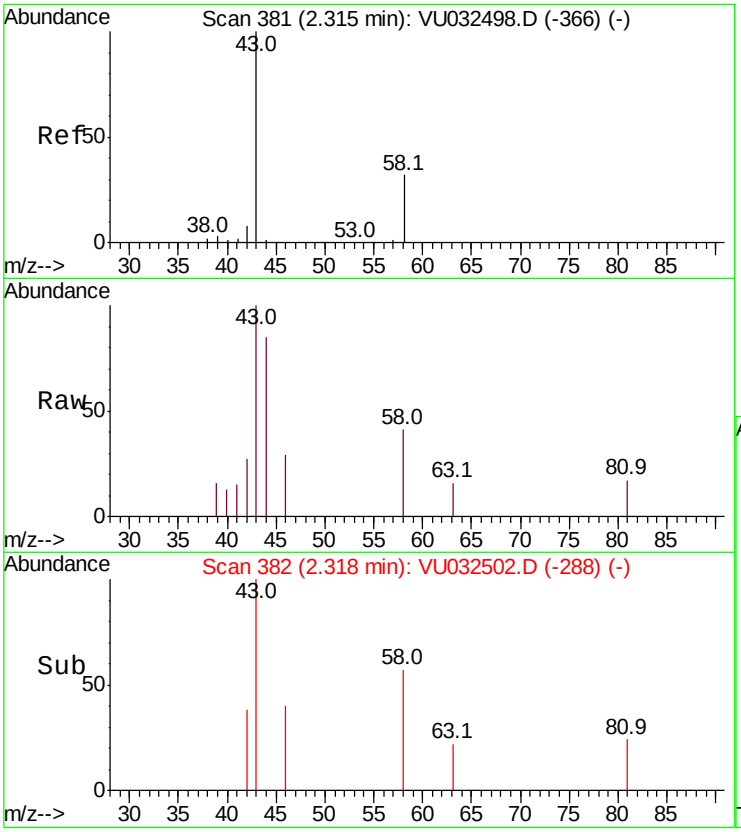


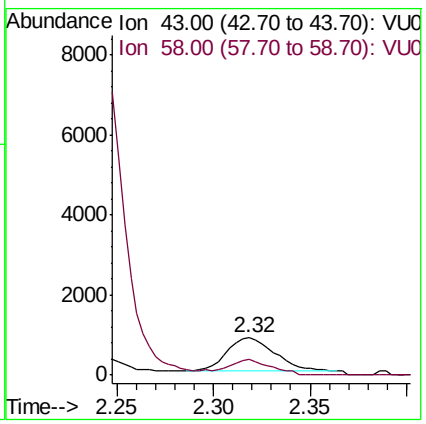


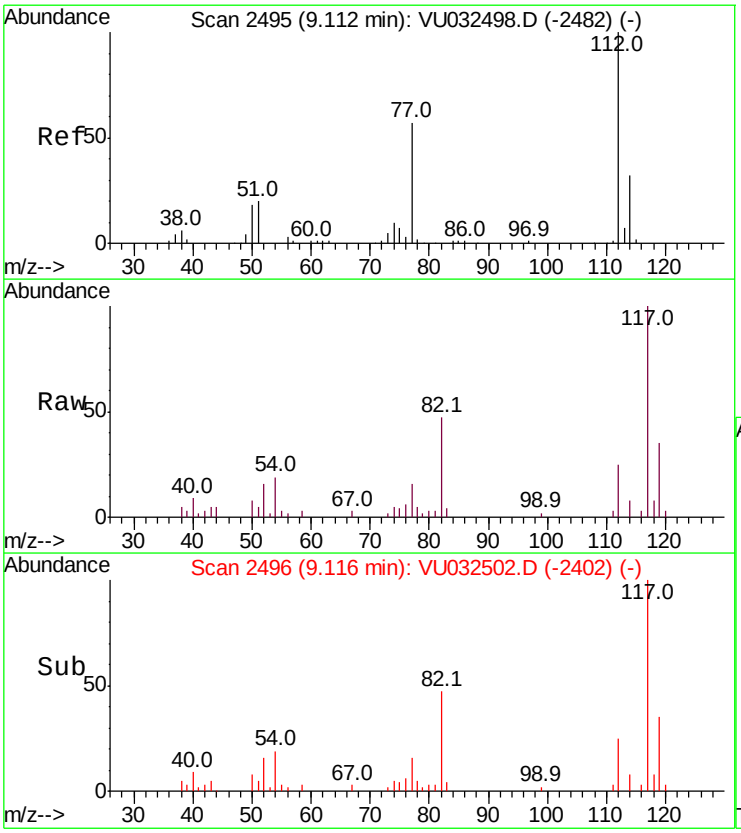

#13
Acetone
Concen: 1.204 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032502.D
Acq: 06 Jun 2019 17:20

**Instrument :** MSVOA_U
**ClientSampleId :** DB8K2

Tgt Ion: 43 Resp: 1426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.7 | 0.0 | 64.0 |




#51
Chlorobenzene
Concen: 0.758 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU032502.D
Acq: 06 Jun 2019 17:20

Tgt Ion:112 Resp: 2975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.1 | 22.6 | 42.0 |
| 77 | 62.8 | 46.1 | 69.1 |