Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062019\
Data File : VU032912.D
Acq On : 20 Jun 2019 20:02
Operator : JC/SP
Sample : K3413-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GALG3

Quant Time: Jun 21 08:07:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 87818 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.08 | 117 | 87578 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 45725 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 23283 | 4.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 81.60% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 20645 | 4.23 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 84.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 37595 | 3.25 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 65.00% | | | |
| 20) 2-Butanone-d5 | 4.19 | 46 | 100025 | 62.77 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 125.54% | | | |
| 24) Chloroform-d | 4.64 | 84 | 55129 | 5.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 106.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 33144 | 6.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 124.00% | | | |
| 32) Benzene-d6 | 5.33 | 84 | 100497 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.32 | 67 | 34030 | 5.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.40% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 87324 | 4.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 86.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 13941 | 4.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 97.20% | | | |
| 46) 2-Hexanone-d5 | 8.31 | 63 | 72406 | 50.39 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 100.78% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 31152 | 5.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 110.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.85 | 152 | 39460 | 4.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 96.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.32 | 43 | 5136 | 4.153 | ug/L | 99 |
| 17) Methyl tert-butyl Ether | 3.00 | 73 | 12236 | 0.750 | ug/L # | 92 |
| 47) Tetrachloroethene | 8.22 | 164 | 25201 | 4.312 | ug/L | 97 |

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

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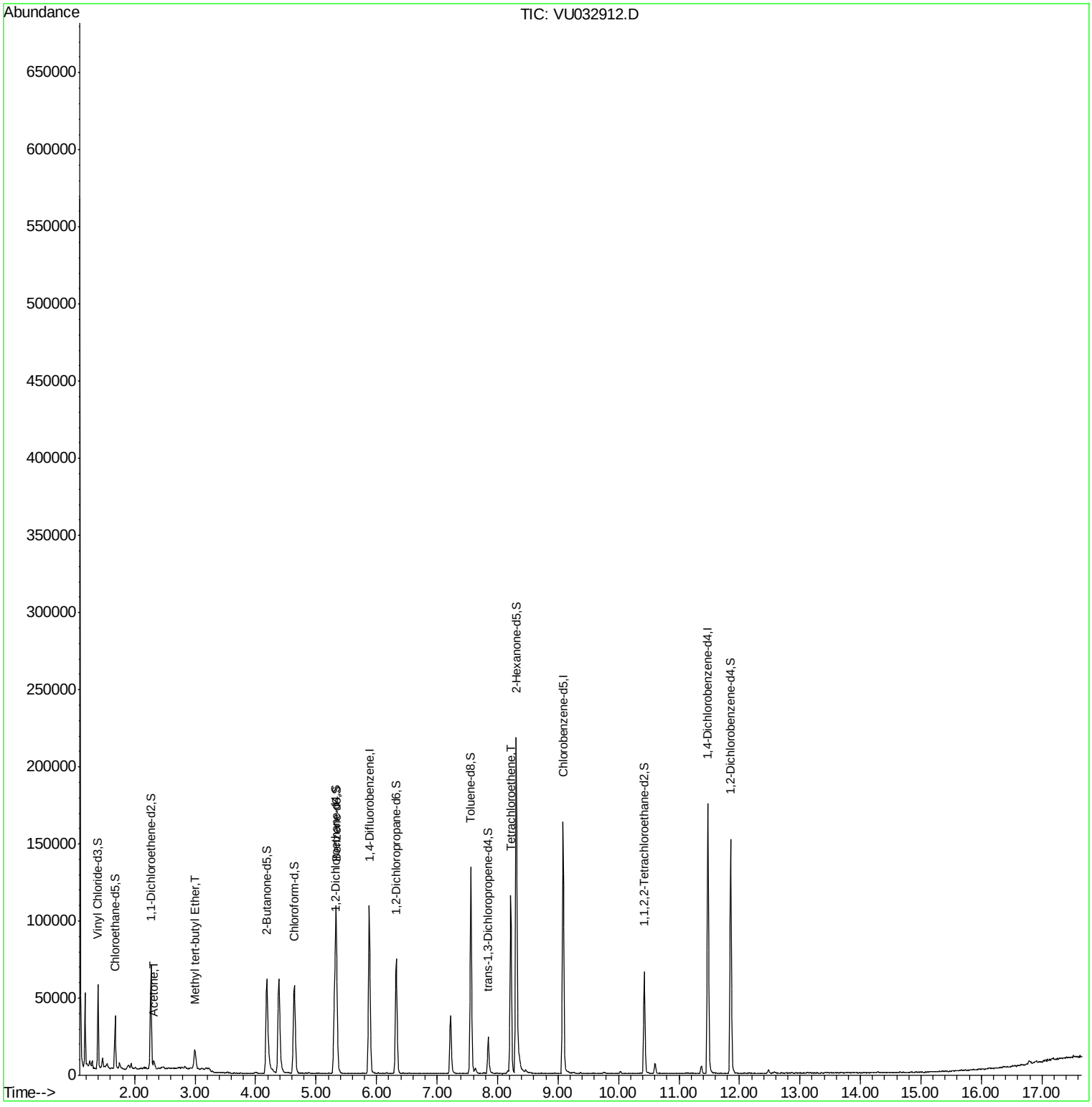
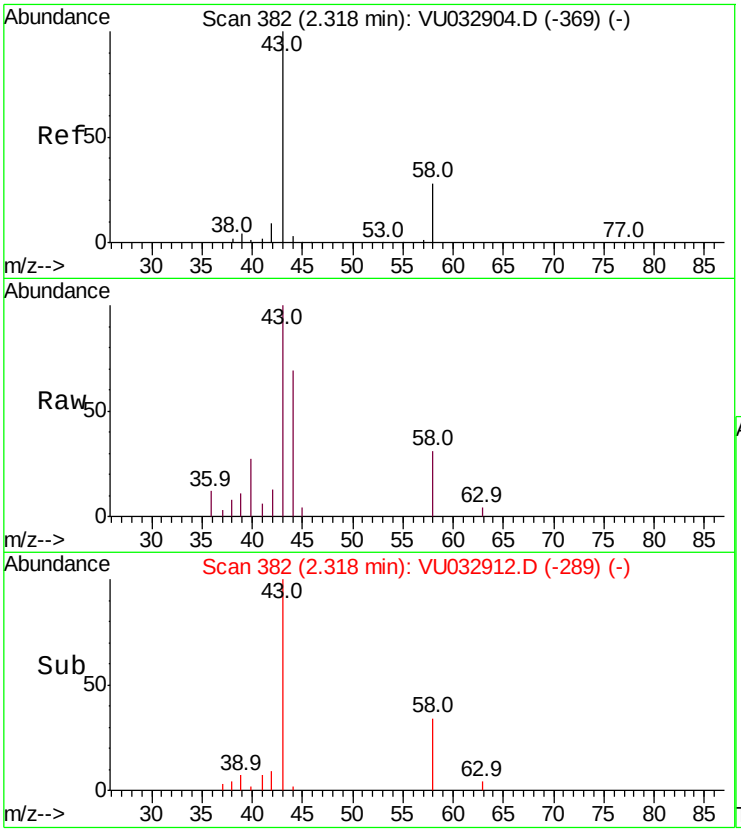


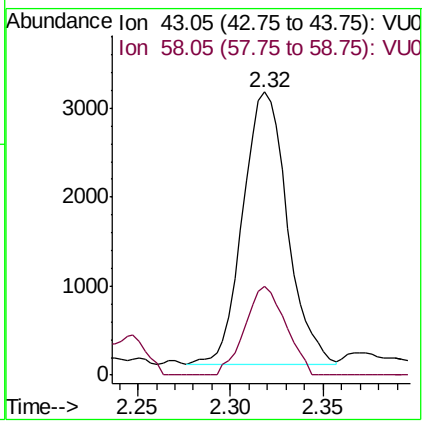


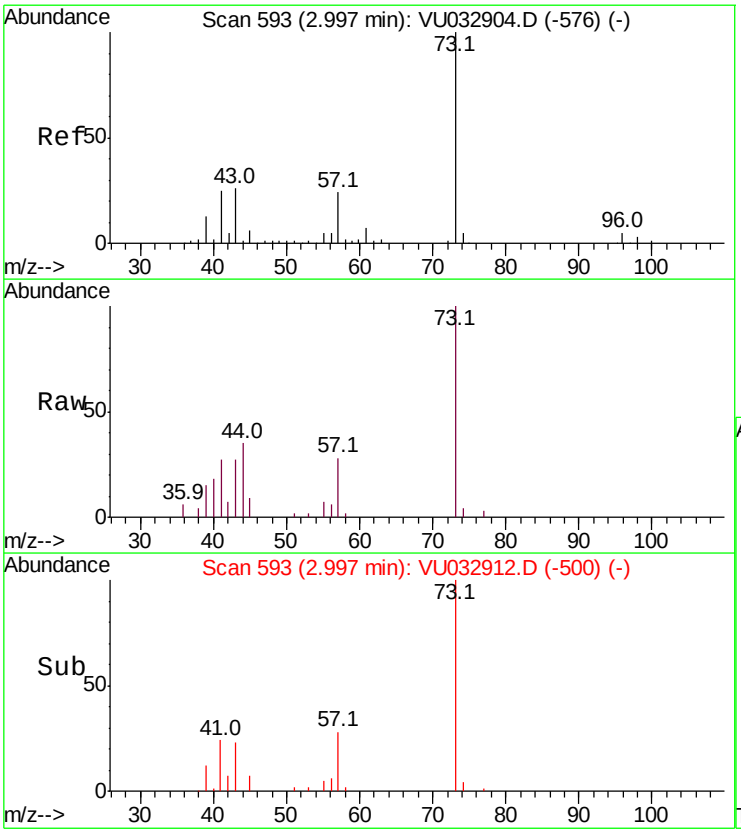

#13
Acetone
Concen: 4.153 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032912.D
Acq: 20 Jun 2019 20:02

**Instrument :**
MSVOA_U
**ClientSampleId :**
GALG3

Tgt Ion: 43 Resp: 5136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.9 | 0.0 | 60.8 |

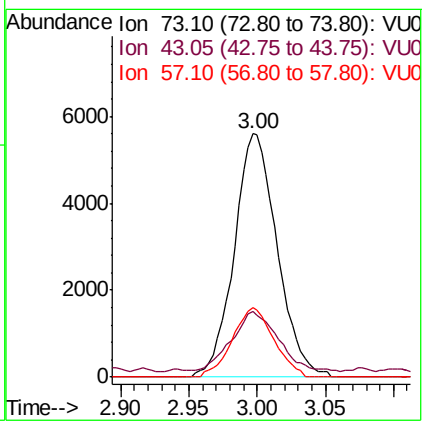


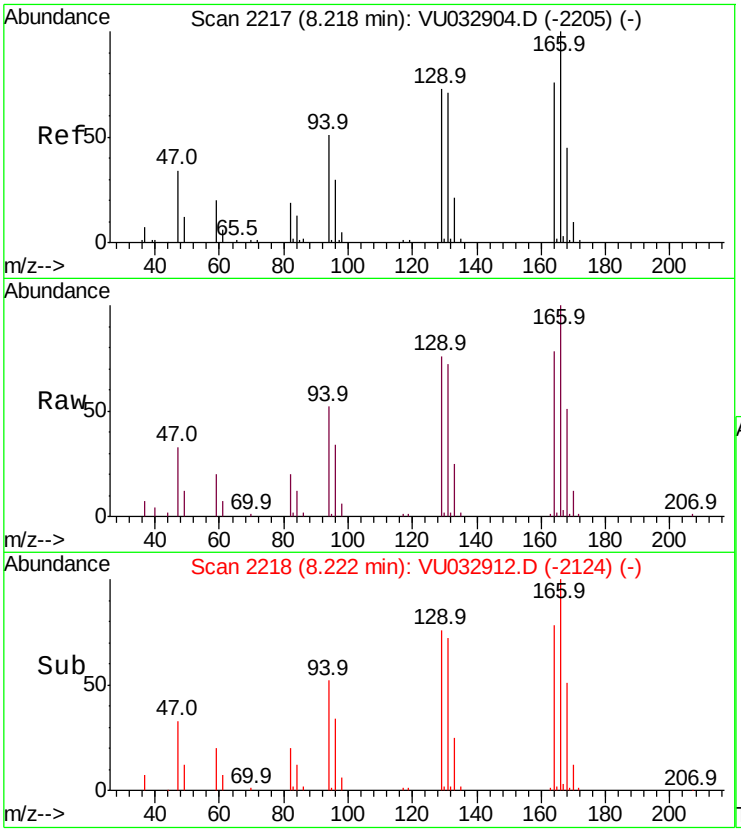




#17
Methyl tert-butyl Ether
Concen: 0.750 ug/L
RT: 3.00 min Scan# 593
Delta R.T. -0.00 min
Lab File: VU032912.D
Acq: 20 Jun 2019 20:02

Tgt Ion: 73 Resp: 12236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 26.3 | 18.6 | 27.8 |
| 57 | 27.6 | 18.3 | 27.5# |






#47
Tetrachloroethene
Concen: 4.312 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032912.D
Acq: 20 Jun 2019 20:02

**Instrument :**
MSVOA_U
**ClientSampleId :**
GALG3

Tgt Ion:164 Resp: 25201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 96.9 | 66.1 | 122.7 |
| 131 | 92.2 | 65.6 | 121.8 |
| 166 | 128.2 | 93.2 | 173.2 |