Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040820.D
Acq On : 19 Oct 2020 21:55
Operator : SY/MD
Sample : L4420-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AG7

Quant Time: Oct 20 05:43:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 05:12:18 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 116114 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 121570 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 50055 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 27676 | 2.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 57.60% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 29180 | 3.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 78.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 47854 | 2.54 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 50.80%# | | | |
| 20) 2-Butanone-d5 | 4.67 | 46 | 135025 | 43.86 | ug/L | 0.03 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 87.72% | | | |
| 24) Chloroform-d | 5.08 | 84 | 80044 | 4.74 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 49684 | 4.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.60% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 133508 | 4.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 81.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 48878 | 4.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 89.80% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 98600 | 3.36 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 67.20%# | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 18041 | 3.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 78.20% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 113882 | 47.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 95.84% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 47806 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 47046 | 5.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 14) Carbon disulfide | 2.81 | 76 | 9653 | 0.416 | ug/L | 99 |
| 21) 2-Butanone | 4.75 | 43 | 13122 | 3.527 | ug/L | 89 |
| 34) Trichloroethene | 6.56 | 95 | 1979 | 0.195 | ug/L | 89 |

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

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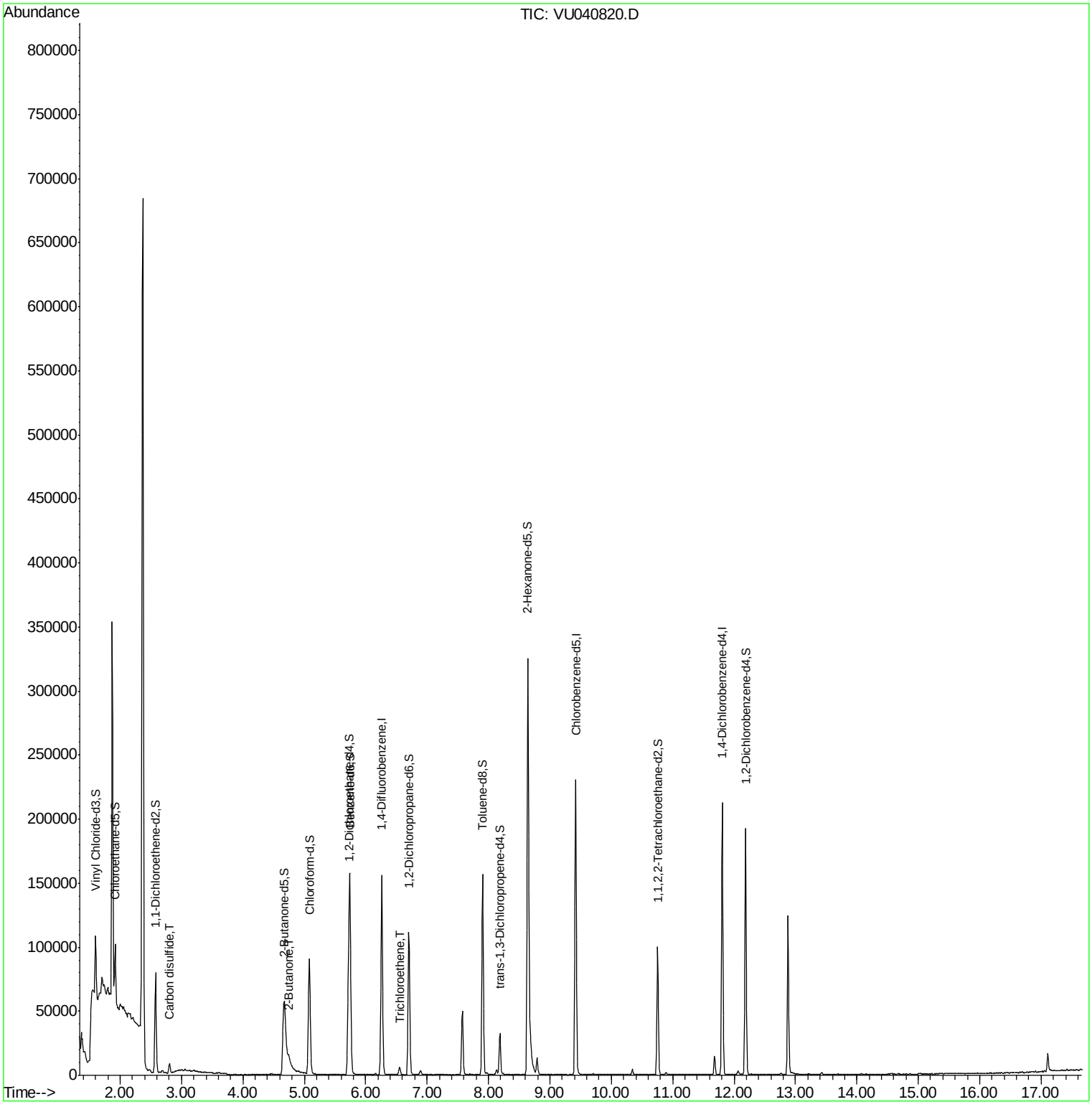
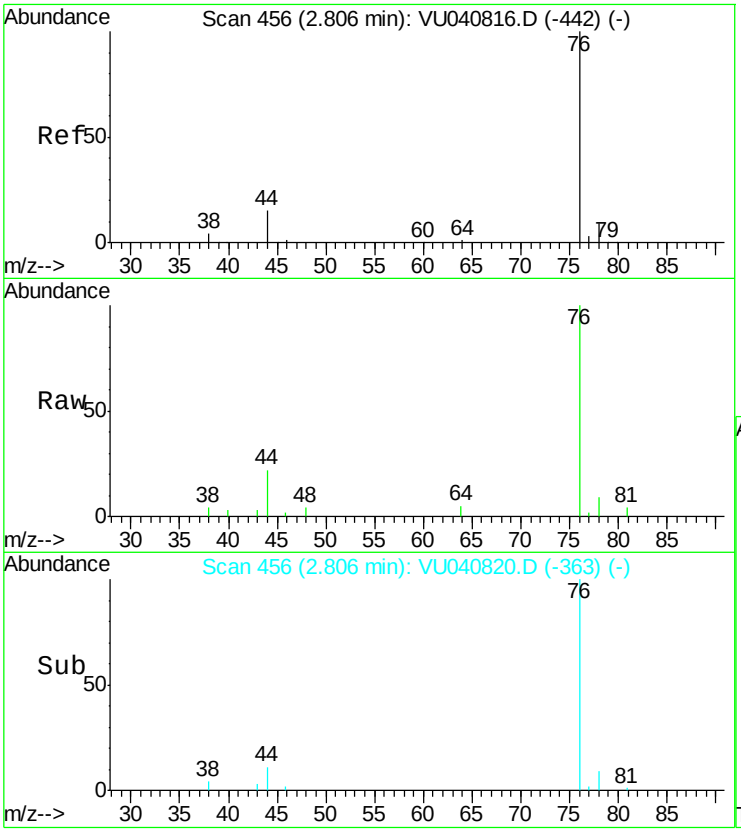


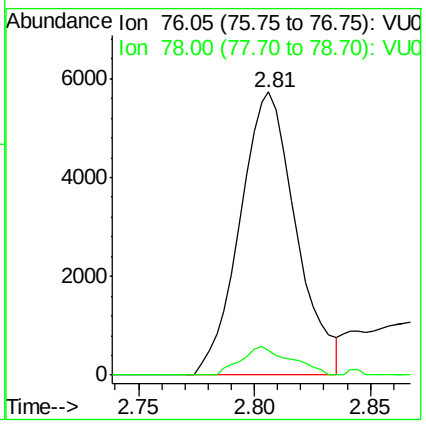


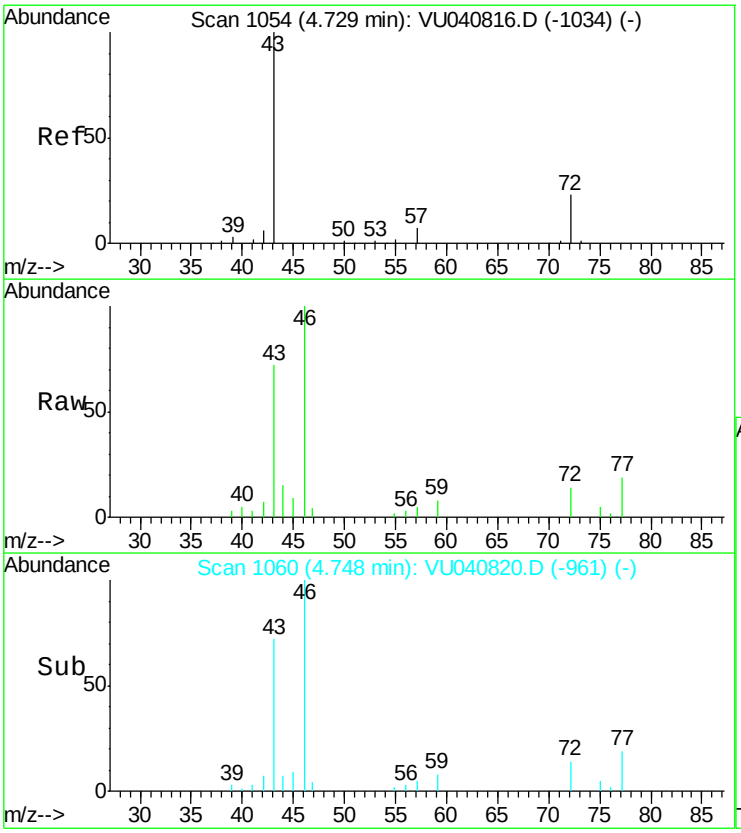

#14
Carbon disulfide
Concen: 0.416 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU040820.D
Acq: 19 Oct 2020 21:55

**Instrument :** MSVOA_U
**ClientSampleId :** C0AG7

Tgt Ion: 76 Resp: 9653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.8 | 6.8 | 10.2 |

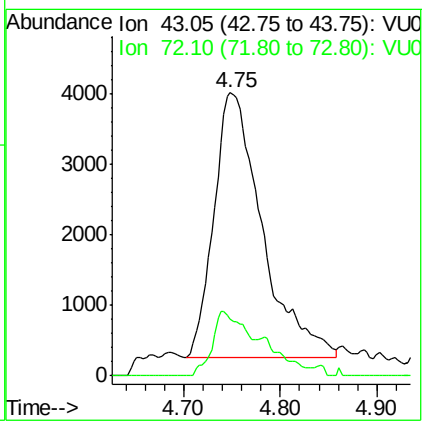


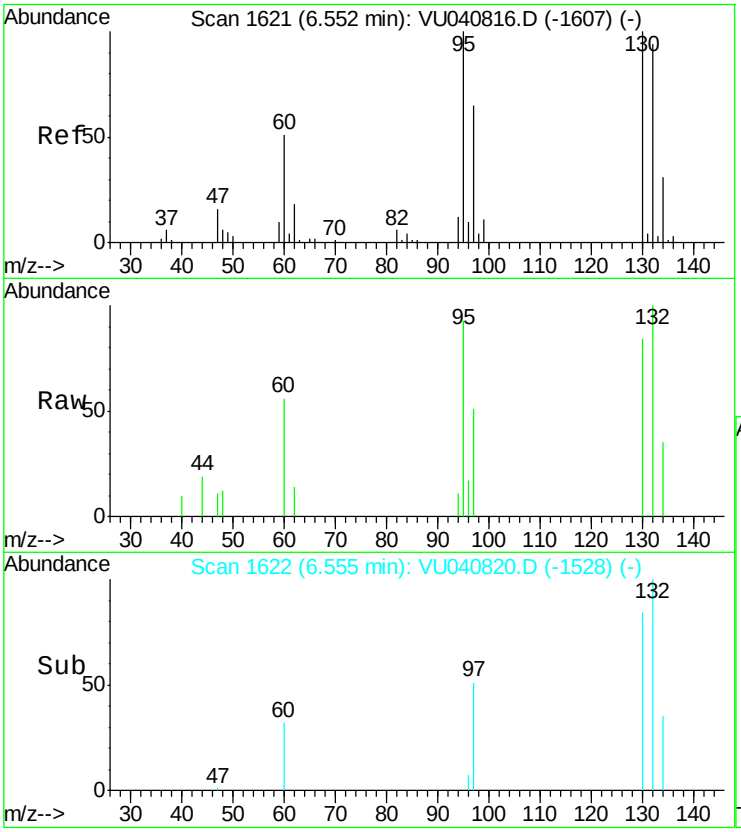




#21
2-Butanone
Concen: 3.527 ug/L
RT: 4.75 min Scan# 1060
Delta R.T. 0.02 min
Lab File: VU040820.D
Acq: 19 Oct 2020 21:55

Tgt Ion: 43 Resp: 13122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 17.6 | 11.4 | 34.2 |






#34
Trichloroethene
Concen: 0.195 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040820.D
Acq: 19 Oct 2020 21:55

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AG7

Tgt Ion: 95 Resp: 1979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 55.4 | 45.5 | 84.5 |
| 132 | 107.9 | 67.5 | 125.4 |
| 130 | 90.4 | 69.9 | 129.9 |