Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042519\
Data File : VU031495.D
Acq On : 25 Apr 2019 10:31
Operator : JC/SP
Sample : K2517-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHY4

Quant Time: Apr 26 01:47:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 01:33:16 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 314328 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 319858 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 117695 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 109232 | 4.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 86.80% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 87945 | 4.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 91.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 163183 | 3.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 69.00% | | | |
| 20) 2-Butanone-d5 | 4.21 | 46 | 331007 | 49.06 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 98.12% | | | |
| 24) Chloroform-d | 4.64 | 84 | 189430 | 4.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 107499 | 5.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.20% | | | |
| 32) Benzene-d6 | 5.33 | 84 | 354043 | 4.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 81.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.32 | 67 | 125950 | 4.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 89.20% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 282792 | 3.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 73.40% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 41070 | 3.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 74.20% | | | |
| 46) 2-Hexanone-d5 | 8.31 | 63 | 199526 | 36.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 73.12% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 100700 | 4.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 89.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 100087 | 4.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 95.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 42) Toluene | 7.64 | 91 | 56744 | 0.572 | ug/L | 92 |
| 51) Chlorobenzene | 9.12 | 112 | 10242 | 0.170 | ug/L # | 82 |
| 53) m,p-Xylene | 9.38 | 106 | 4995 | 0.133 | ug/L | 66 |

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

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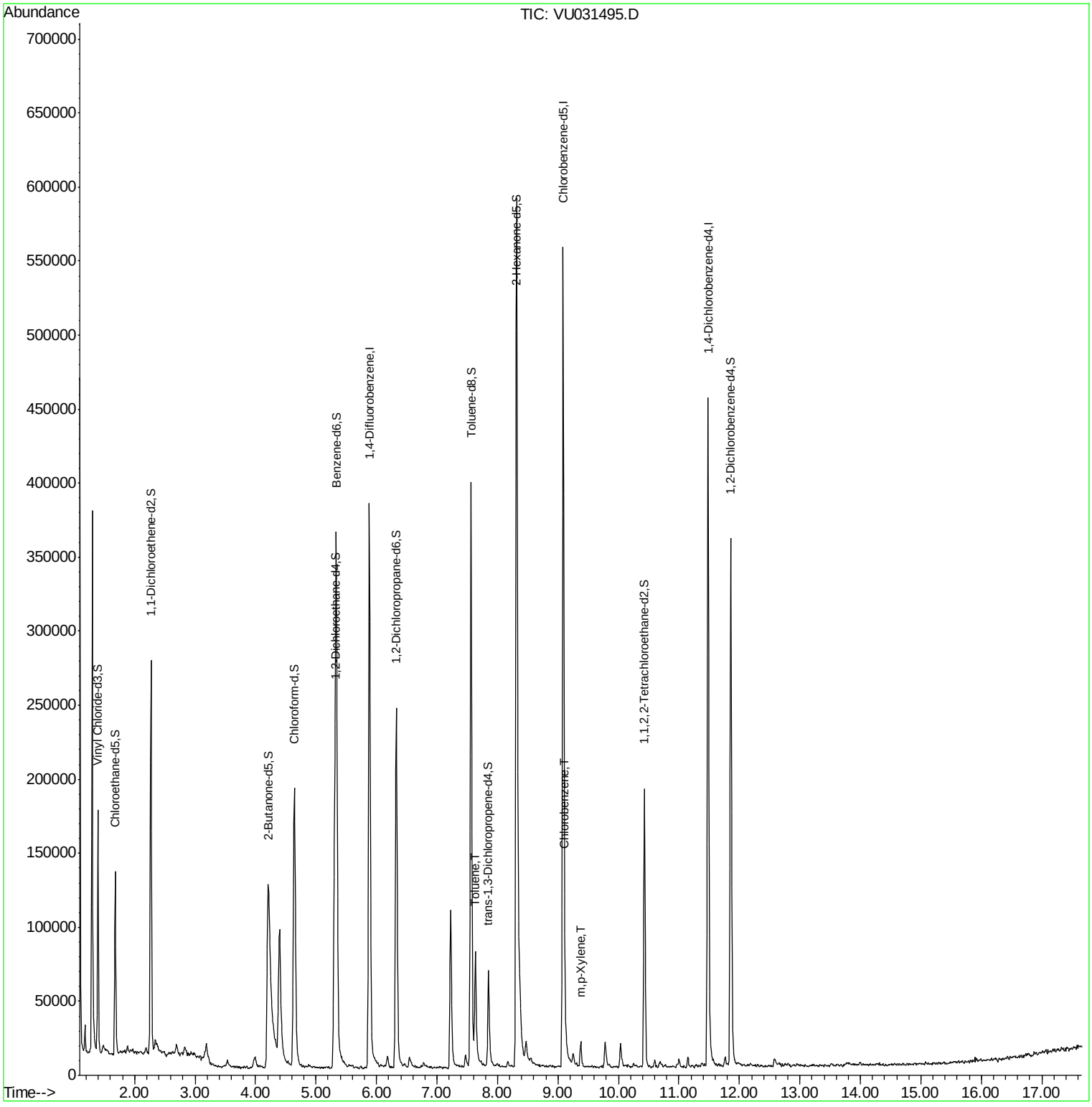
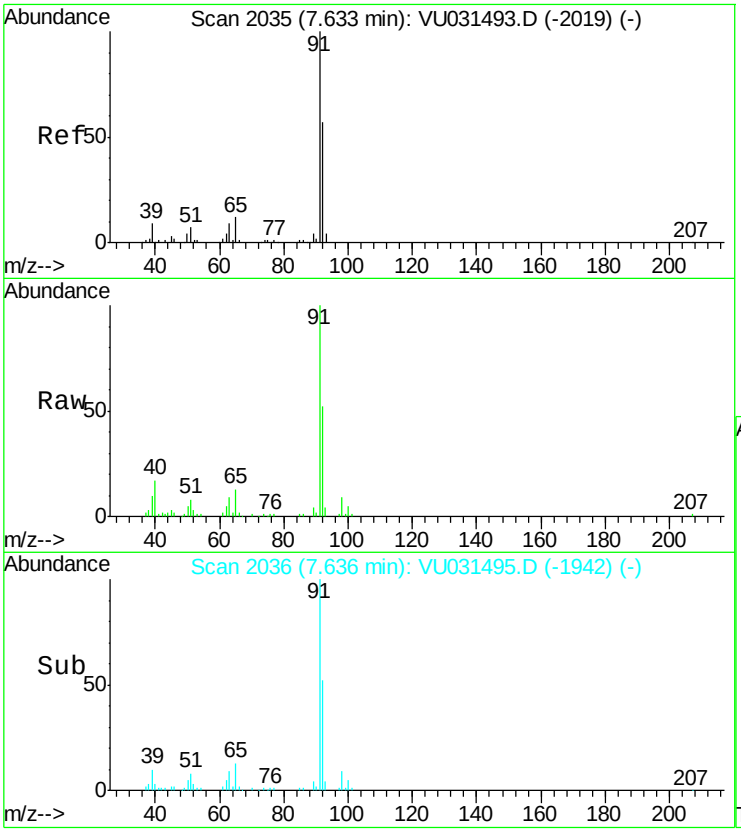


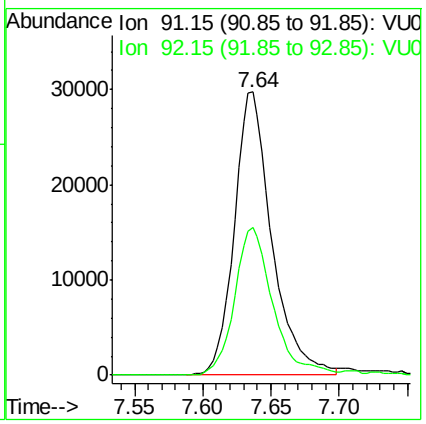


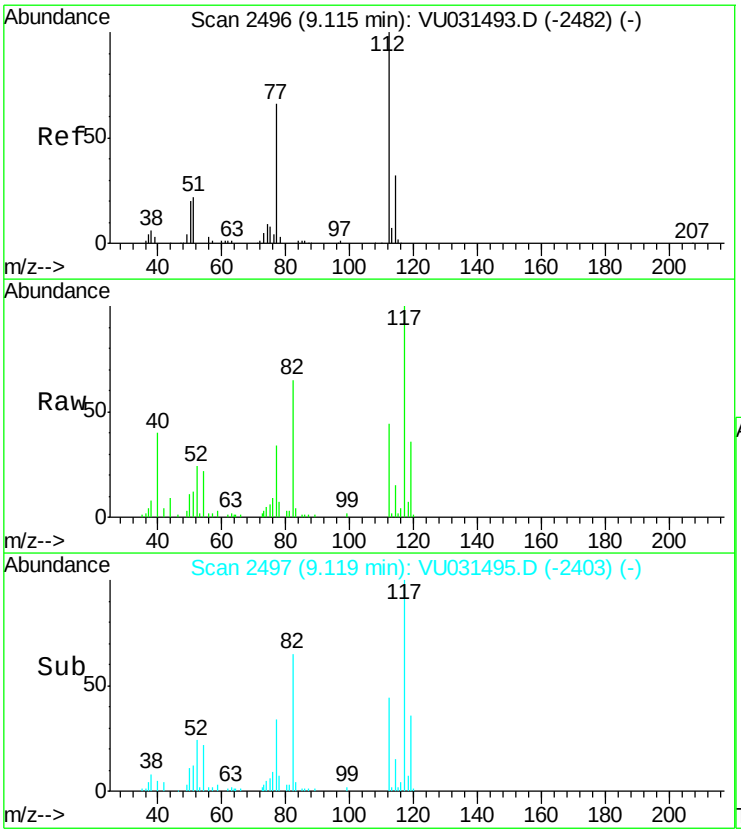

#42
Toluene
Concen: 0.572 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU031495.D
Acq: 25 Apr 2019 10:31

**Instrument :**
MSVOA_U
**ClientSampleId :**
GAHY4

Tgt Ion: 91 Resp: 56744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.0 | 40.7 | 75.5 |

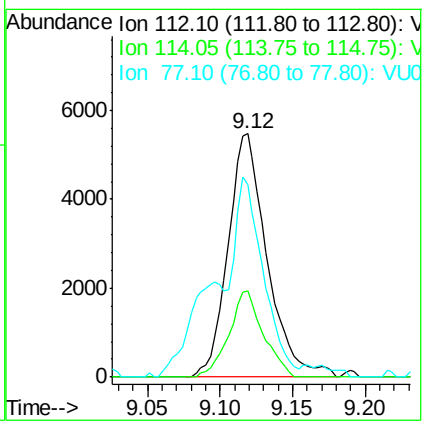


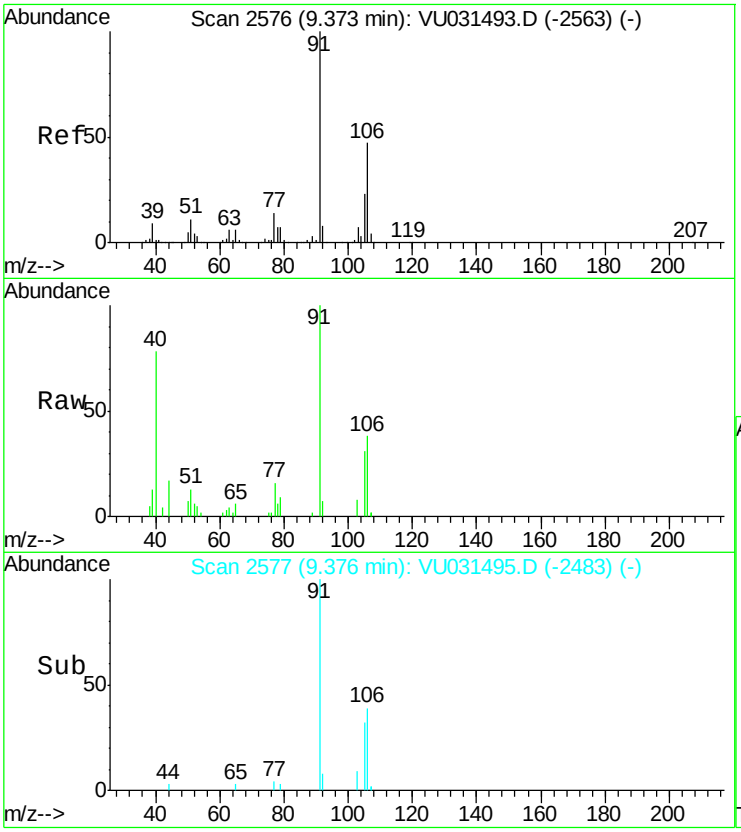




#51
Chlorobenzene
Concen: 0.170 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU031495.D
Acq: 25 Apr 2019 10:31

Tgt Ion:112 Resp: 10242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 35.3 | 21.9 | 40.7 |
| 77 | 79.2 | 48.9 | 73.3# |






#53
m,p-Xylene
Concen: 0.133 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU031495.D
Acq: 25 Apr 2019 10:31

**Instrument :**
MSVOA_U
**ClientSampleId :**
GAHY4

Tgt Ion:106 Resp: 4995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 264.8 | 147.8 | 274.4 |