Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101320\
Data File : VU040684.D
Acq On : 13 Oct 2020 15:49
Operator : SY/MD
Sample : L4354-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** ETZ06

Quant Time: Oct 14 07:49:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 14 05:57:05 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 114859 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 121486 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 51483 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 39653 | 4.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 83.40% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 35721 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 97.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 62724 | 3.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 67.40% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 173410 | 56.94 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 113.88% | | | |
| 24) Chloroform-d | 5.08 | 84 | 86873 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 52179 | 5.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.60% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 152864 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 54625 | 5.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 100.40% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 117762 | 4.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 80.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 20922 | 4.54 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 90.80% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 118007 | 49.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 99.38% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76 | 84 | 48772 | 5.00 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 100.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 49805 | 5.22 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 104.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 33) Benzene | 5.79 | 78 | 4983 | 0.128 | ug/L | 100 |
| 52) Ethylbenzene | 9.57 | 91 | 3942 | 0.092 | ug/L | 95 |
| 53) m,p-Xylene | 9.69 | 106 | 5900 | 0.376 | ug/L | 95 |
| 54) o-Xylene | 10.10 | 106 | 1196 | 0.079 | ug/L | 93 |

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

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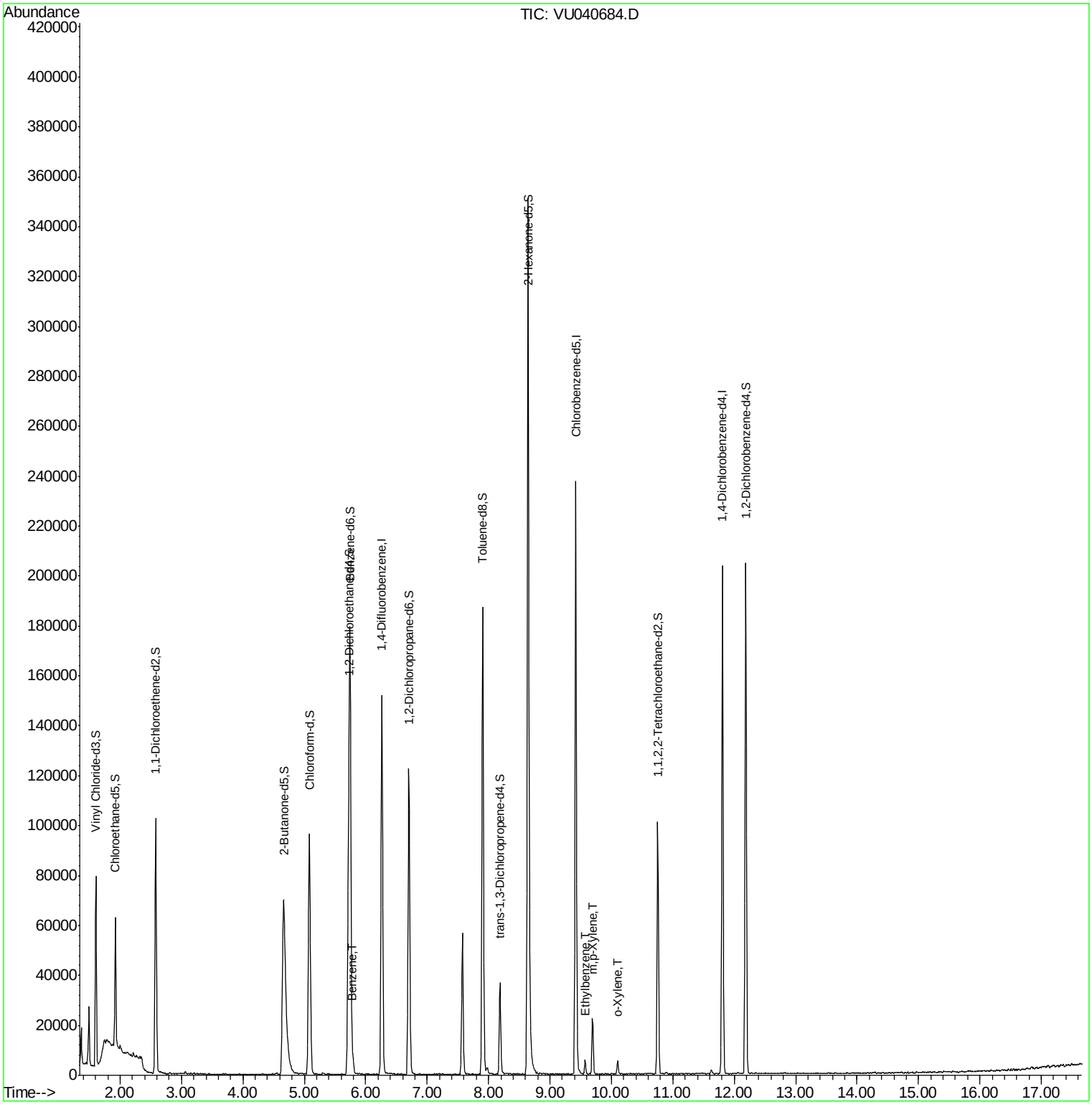
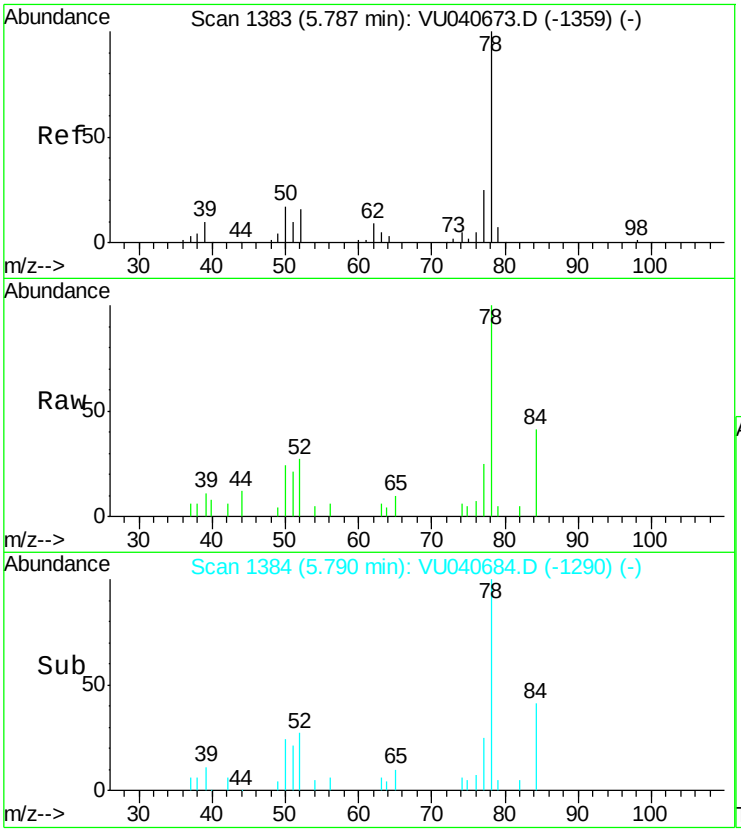
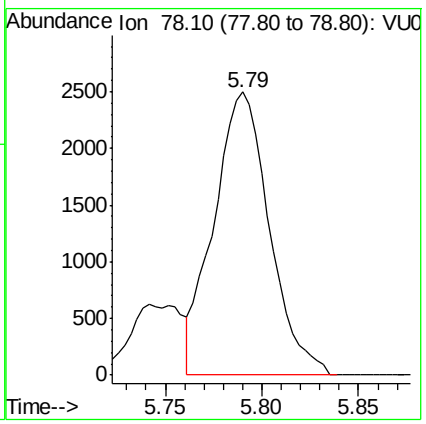


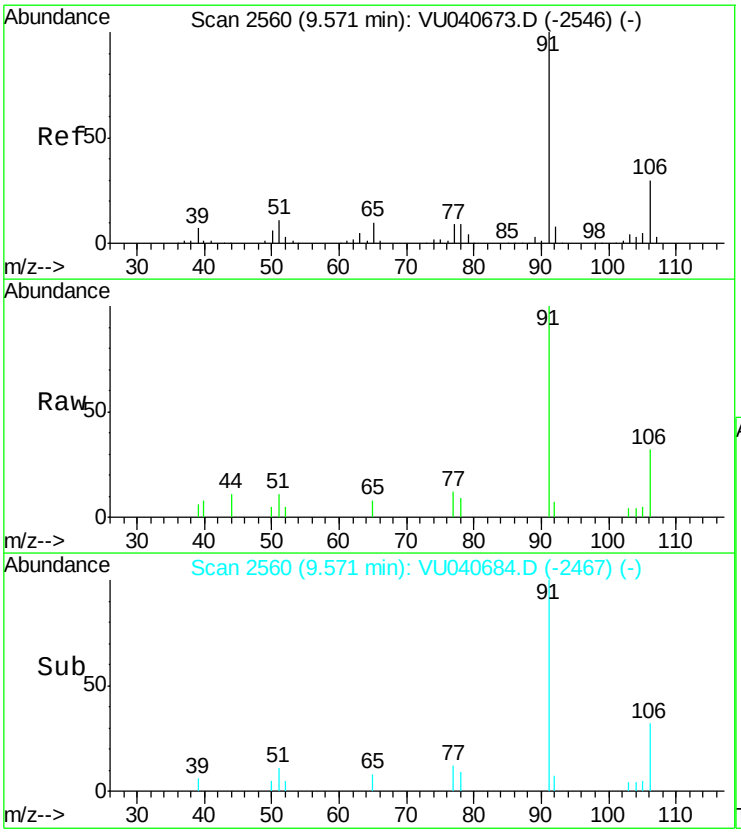



#33
Benzene
Concen: 0.128 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040684.D
Acq: 13 Oct 2020 15:49

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETZ06

Tgt Ion: 78 Resp: 4983

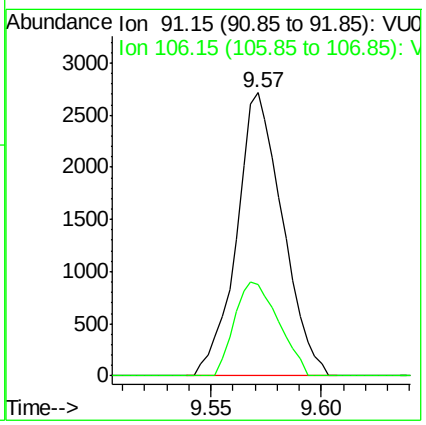


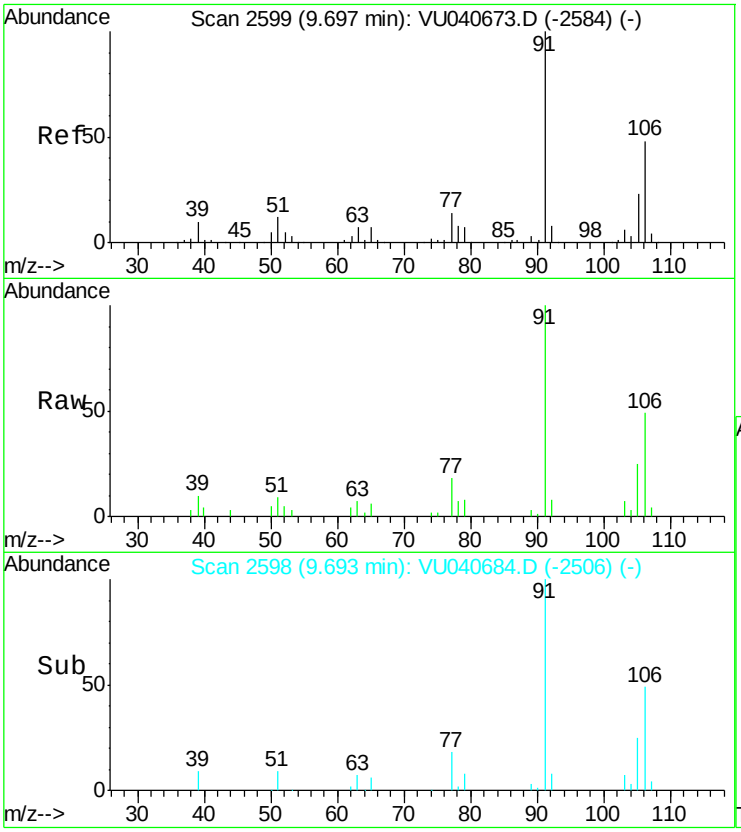




#52
Ethylbenzene
Concen: 0.092 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040684.D
Acq: 13 Oct 2020 15:49

Tgt Ion: 91 Resp: 3942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.2 | 20.7 | 38.5 |



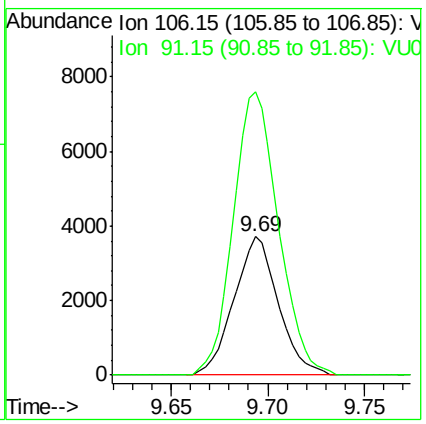


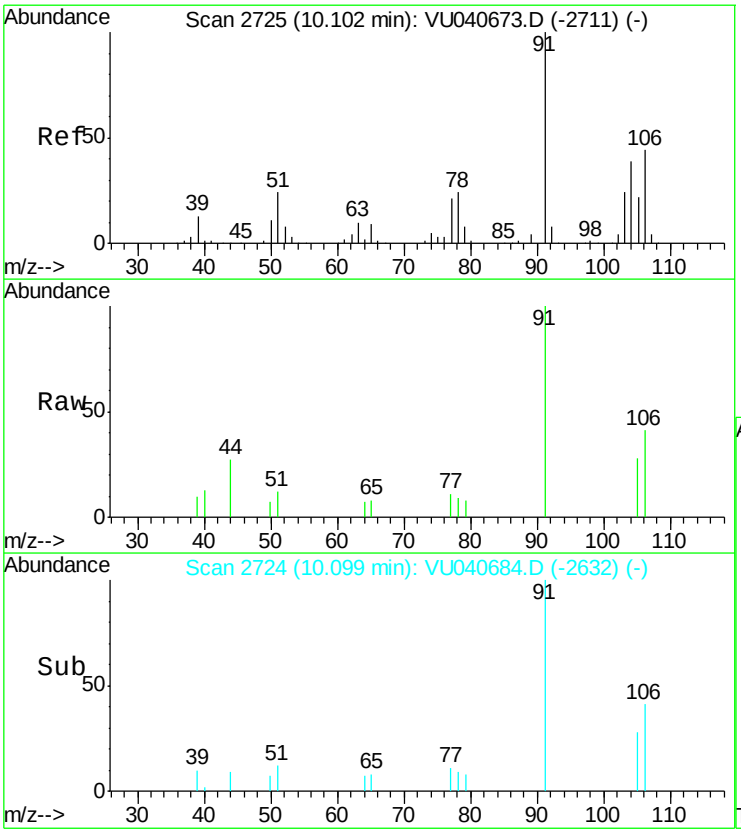

#53
m,p-Xylene
Concen: 0.376 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040684.D
Acq: 13 Oct 2020 15:49

**Instrument :** MSVOA_U
**ClientSampleId :** ETZ06

Tgt Ion:106 Resp: 5900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 204.8 | 148.5 | 275.7 |




#54
o-Xylene
Concen: 0.079 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040684.D
Acq: 13 Oct 2020 15:49

Tgt Ion:106 Resp: 1196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 241.1 | 160.2 | 297.4 |