Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040843.D
Acq On : 20 Oct 2020 13:15
Operator : SY/MD
Sample : L4354-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** ETZ24

Quant Time: Oct 21 00:15:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 124452 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 133507 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 55366 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 42748 | 4.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 82.80% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 37547 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 94.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 67316 | 3.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 66.80% | | | |
| 20) 2-Butanone-d5 | 4.65 | 46 | 163199 | 49.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 98.92% | | | |
| 24) Chloroform-d | 5.08 | 84 | 86649 | 4.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 53428 | 4.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.00% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 158384 | 4.40 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 53796 | 4.50 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 90.00% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 125555 | 3.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 77.80% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 20278 | 4.00 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 80.00% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 118200 | 45.29 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 90.58% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 49184 | 4.59 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 91.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 52668 | 5.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 102.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.66 | 43 | 2623 | 1.025 | ug/L | 99 |
| 52) Ethylbenzene | 9.57 | 91 | 2066 | 0.044 | ug/L | 95 |
| 53) m,p-Xylene | 9.69 | 106 | 2764 | 0.160 | ug/L | 95 |

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

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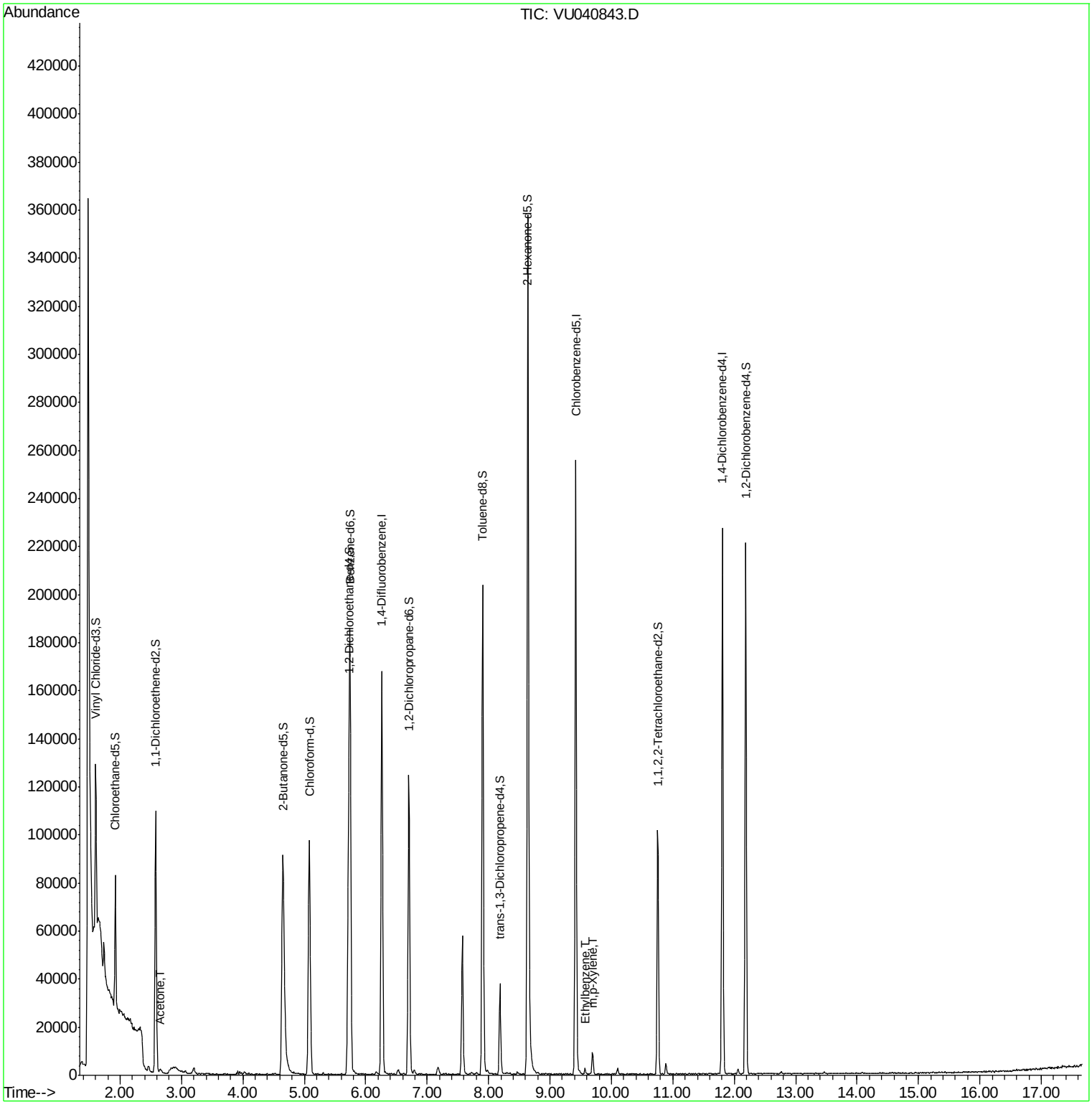
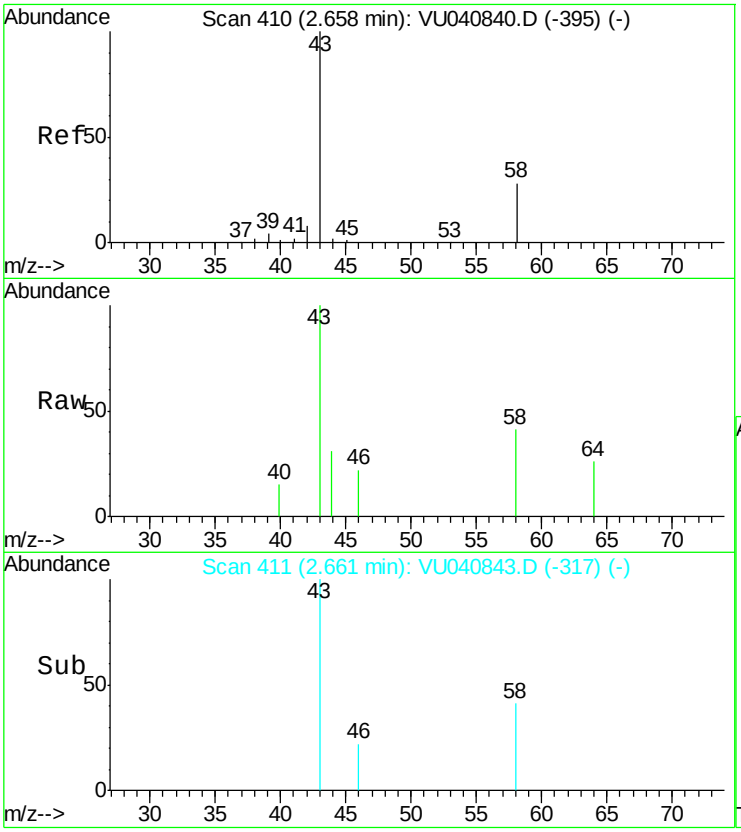


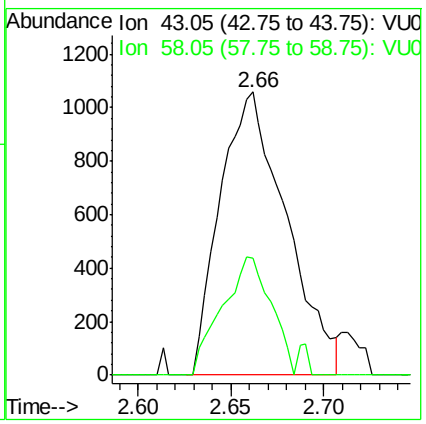


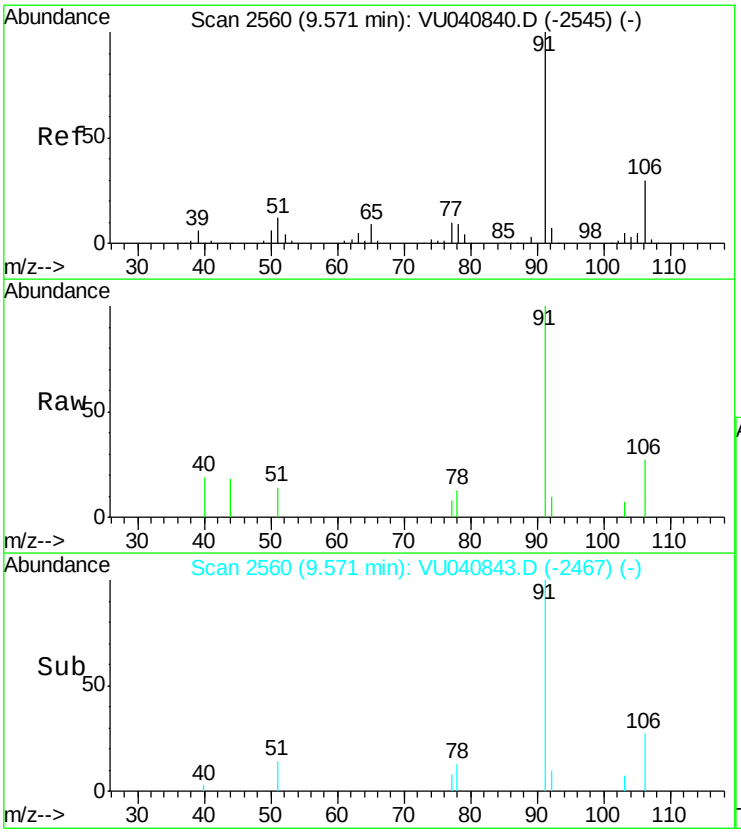

#13
Acetone
Concen: 1.025 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU040843.D
Acq: 20 Oct 2020 13:15

**Instrument :** MSVOA_U
**ClientSampleId :** ETZ24

Tgt Ion: 43 Resp: 2623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.0 | 0.0 | 60.6 |

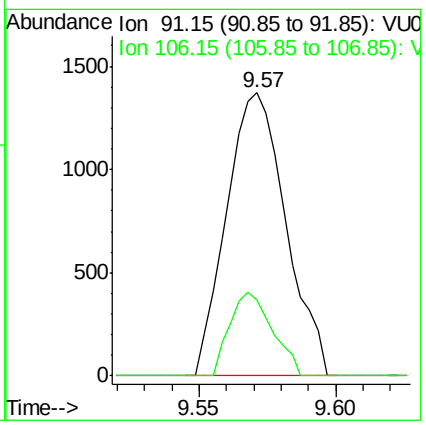


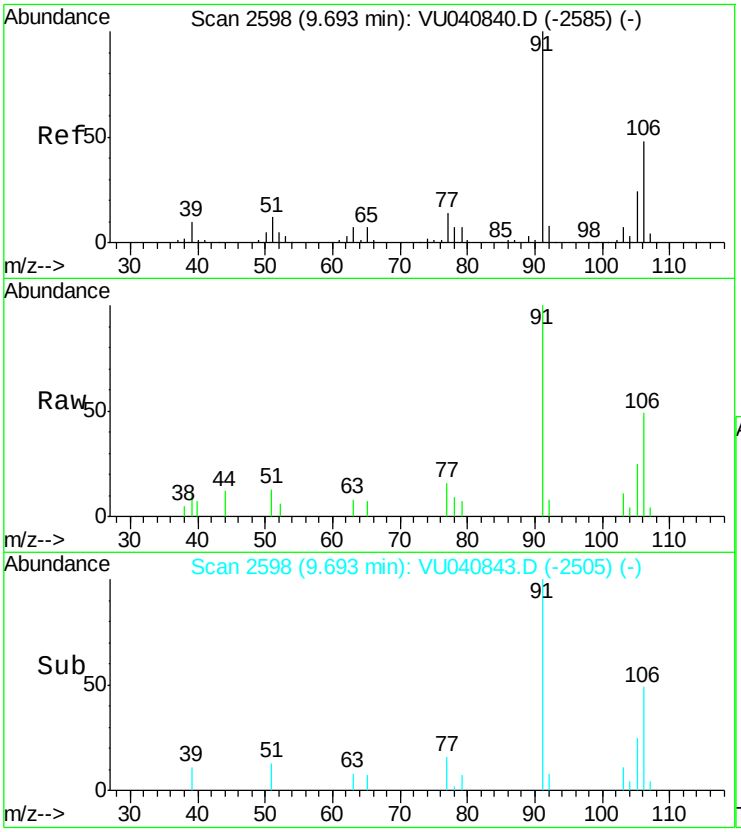




#52
Ethylbenzene
Concen: 0.044 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040843.D
Acq: 20 Oct 2020 13:15

Tgt Ion: 91 Resp: 2066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 26.8 | 20.7 | 38.5 |






#53
m,p-Xylene
Concen: 0.160 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040843.D
Acq: 20 Oct 2020 13:15

**Instrument :**
MSVOA_U
**ClientSampleId :**
ETZ24

Tgt Ion:106 Resp: 2764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 203.9 | 148.5 | 275.7 |