Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021720\
Data File : VU036809.D
Acq On : 17 Feb 2020 14:55
Operator : JC/MD
Sample : L1537-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AR1

Quant Time: Feb 18 01:44:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 123884 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 112617 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 45640 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 42505 | 3.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 79.80% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 40668 | 4.40 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 88.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 56269 | 3.16 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 63.20% | | | |
| 20) 2-Butanone-d5 | 4.67 | 46 | 115253 | 51.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 103.18% | | | |
| 24) Chloroform-d | 5.11 | 84 | 74804 | 4.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 44065 | 4.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.60% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 165779 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.73 | 67 | 55362 | 5.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 102.00% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 149816 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.00% | | | |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 18524 | 4.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 87.80% | | | |
| 46) 2-Hexanone-d5 | 8.66 | 63 | 99301 | 51.48 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 102.96% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78 | 84 | 42069 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.21 | 152 | 45817 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 100.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.66 | 43 | 26031 | 9.112 | ug/L | 99 |
| 30) Cyclohexane | 5.43 | 56 | 3143 | 0.239 | ug/L | 96 |

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

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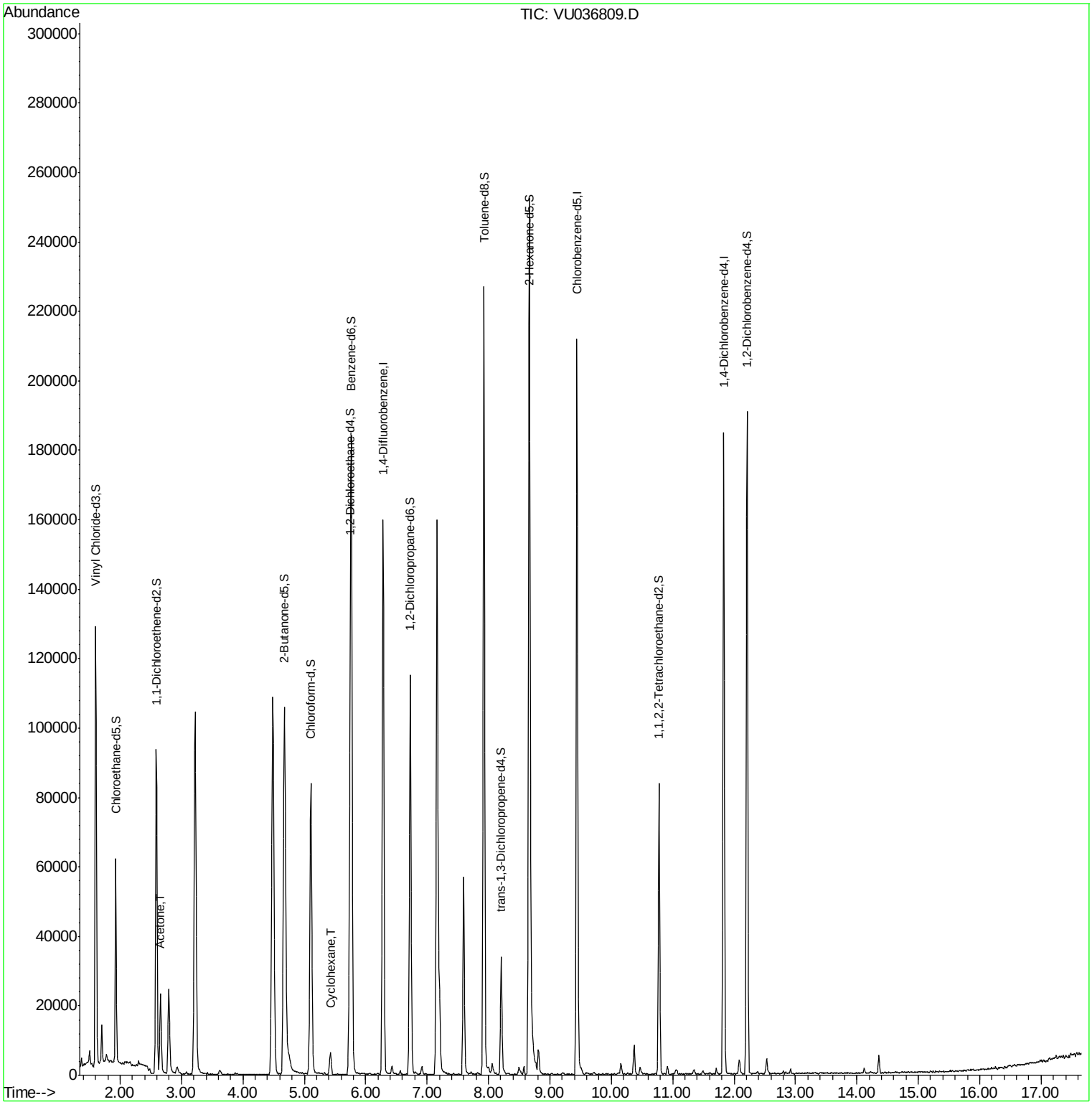
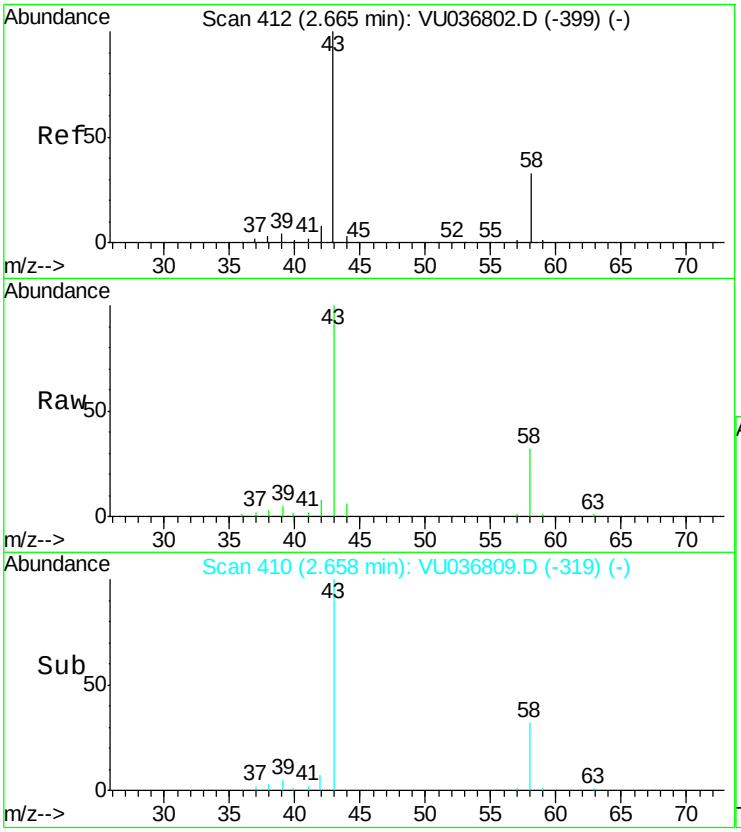


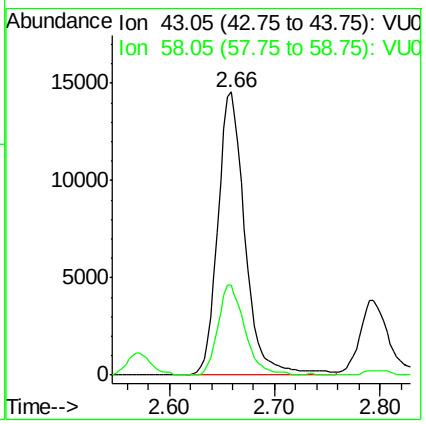


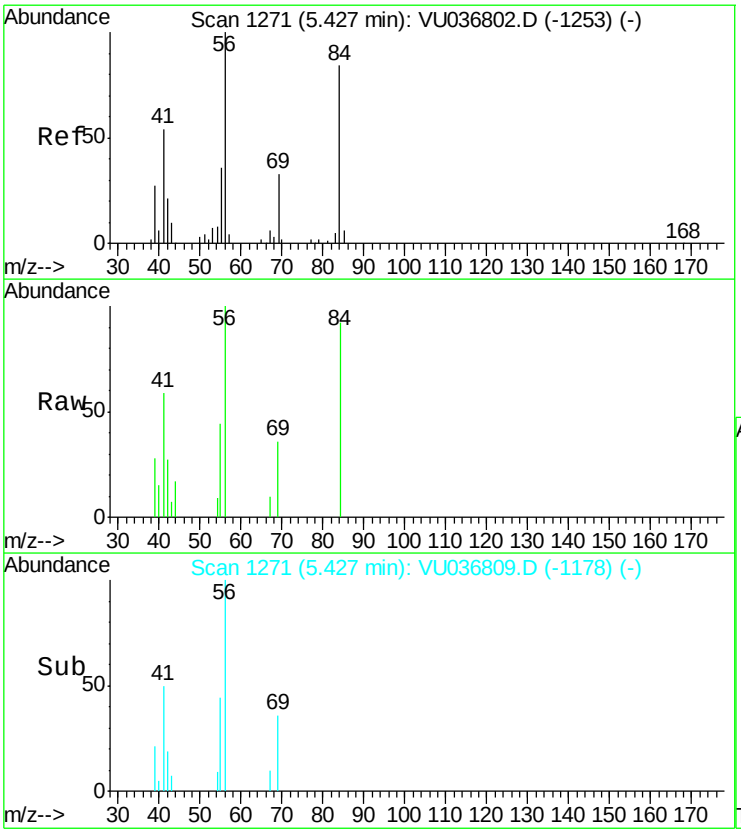

#13
Acetone
Concen: 9.112 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU036809.D
Acq: 17 Feb 2020 14:55

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AR1

Tgt Ion: 43 Resp: 26031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.3 | 0.0 | 64.2 |




#30
Cyclohexane
Concen: 0.239 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU036809.D
Acq: 17 Feb 2020 14:55

Tgt Ion: 56 Resp: 3143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.0 | 24.6 | 37.0 |
| 84 | 91.9 | 70.0 | 105.0 |