Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071720\
Data File : VU039539.D
Acq On : 17 Jul 2020 09:51
Operator : SY/MD
Sample : VU0717WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK09

Quant Time: Jul 17 23:52:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 23:38:36 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 94026 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 87357 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 42101 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 22183 | 4.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 81.40% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 23376 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 83.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 35332 | 3.30 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 66.00% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 117958 | 47.31 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 94.62% | | | |
| 24) Chloroform-d | 5.08 | 84 | 52876 | 4.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 36625 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.60% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 107185 | 5.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 102.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 35941 | 4.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.20% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 92594 | 5.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.60% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 14485 | 4.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 88.80% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 84461 | 43.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 87.28% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76 | 84 | 33395 | 4.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 91.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 38609 | 5.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 102.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 3.06 | 84 | 2405 | 0.342 | ug/L | 89 |
| 25) Chloroform | 5.11 | 83 | 4573 | 0.374 | ug/L | 96 |

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

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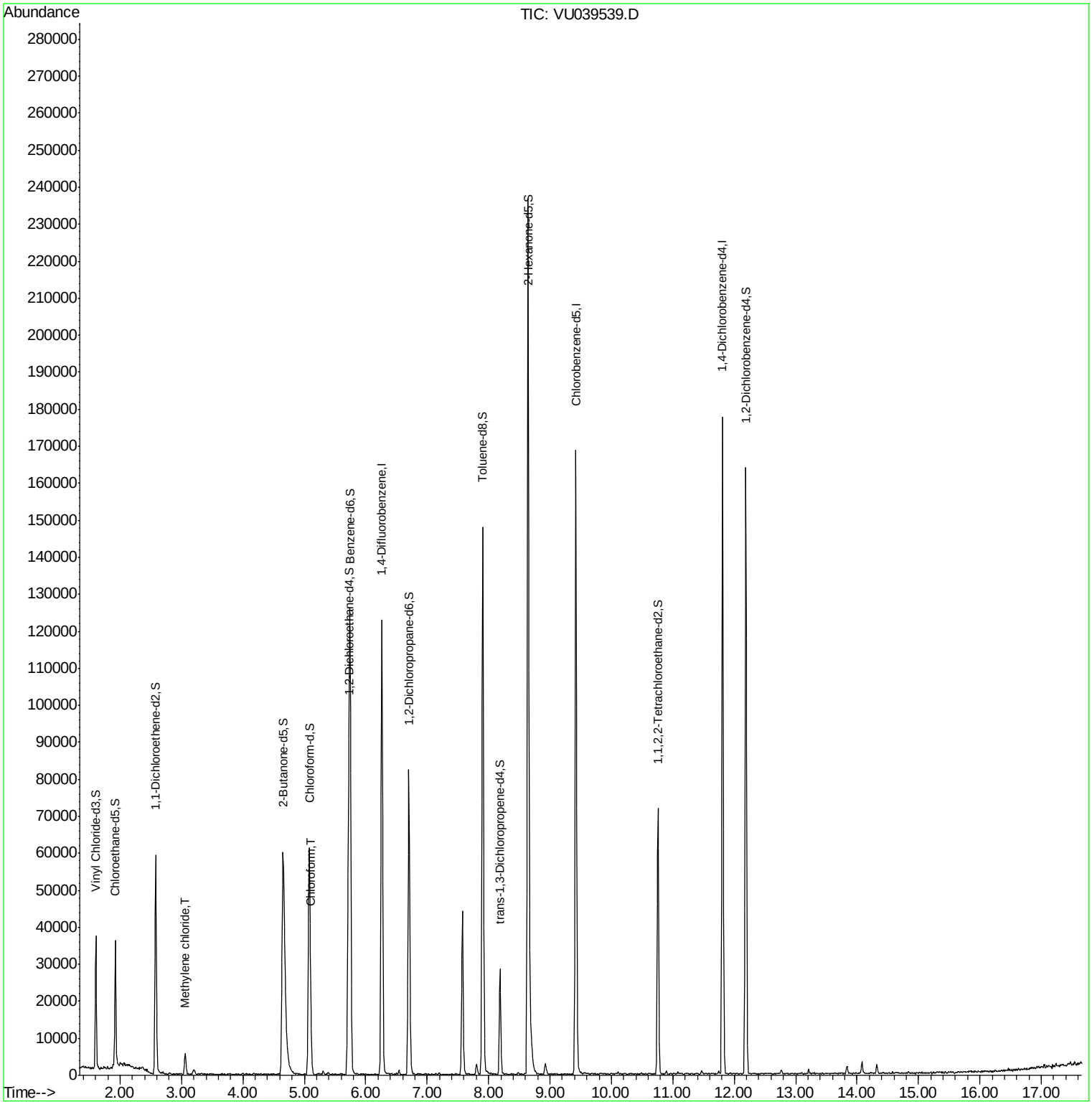
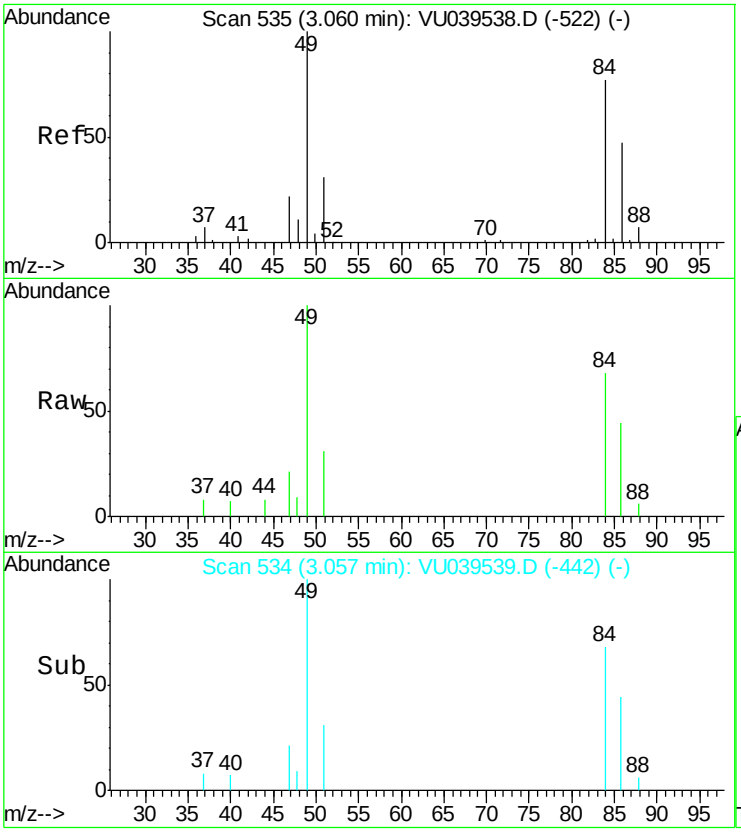


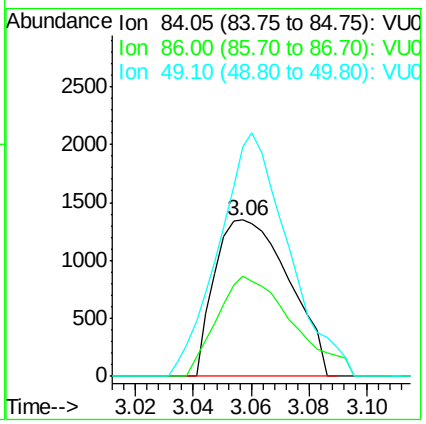


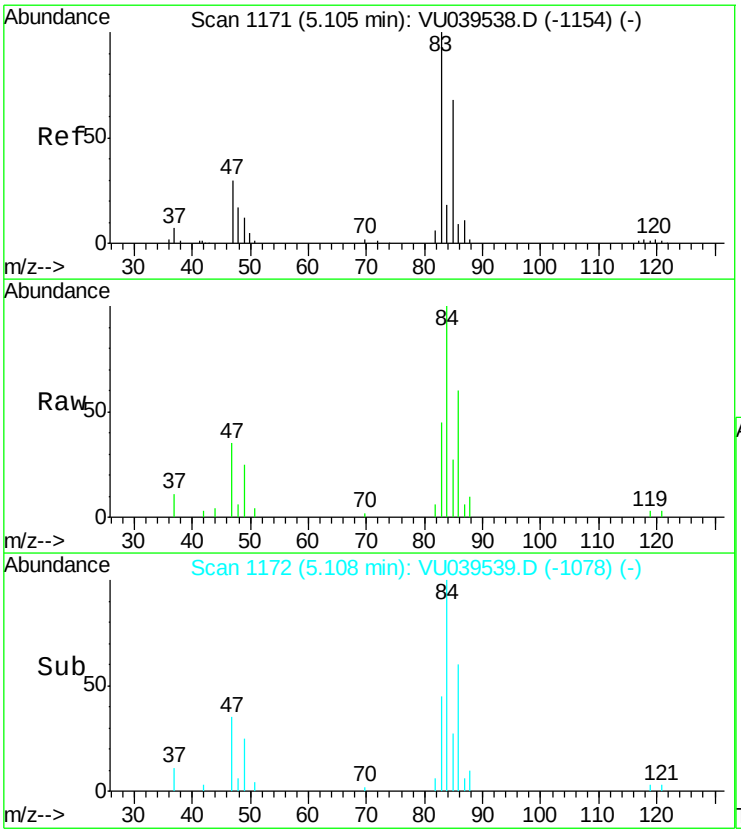

#16
Methylene chloride
Concen: 0.342 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU039539.D
Acq: 17 Jul 2020 09:51

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK09

Tgt Ion: 84 Resp: 2405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.0 | 43.5 | 80.9 |
| 49 | 147.0 | 91.1 | 169.1 |




#25
Chloroform
Concen: 0.374 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039539.D
Acq: 17 Jul 2020 09:51

Tgt Ion: 83 Resp: 4573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.0 | 44.9 | 83.5 |