Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039397.D
Acq On : 09 Jul 2020 16:02
Operator : SY/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VIBLK

Quant Time: Jul 10 09:49:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.27 | 114 | 96677 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 90673 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 44005 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 27510 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 98.20% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 29011 | 5.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 101.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 41582 | 3.77 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 75.40% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 159967 | 62.39 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 124.78% | | | |
| 24) Chloroform-d | 5.09 | 84 | 63803 | 5.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 107.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 43416 | 5.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 116.00% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 123921 | 5.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 113.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.71 | 67 | 44816 | 5.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 116.80% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 109355 | 5.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 115.60% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 18035 | 5.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 106.60% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 116256 | 57.87 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 115.74% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76 | 84 | 41665 | 5.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 109.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 44524 | 5.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 113.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 3.06 | 84 | 1343 | 0.186 | ug/L | 93 |
| 22) cis-1,2-Dichloroethene | 4.69 | 96 | 1047 | 0.147 | ug/L | 89 |

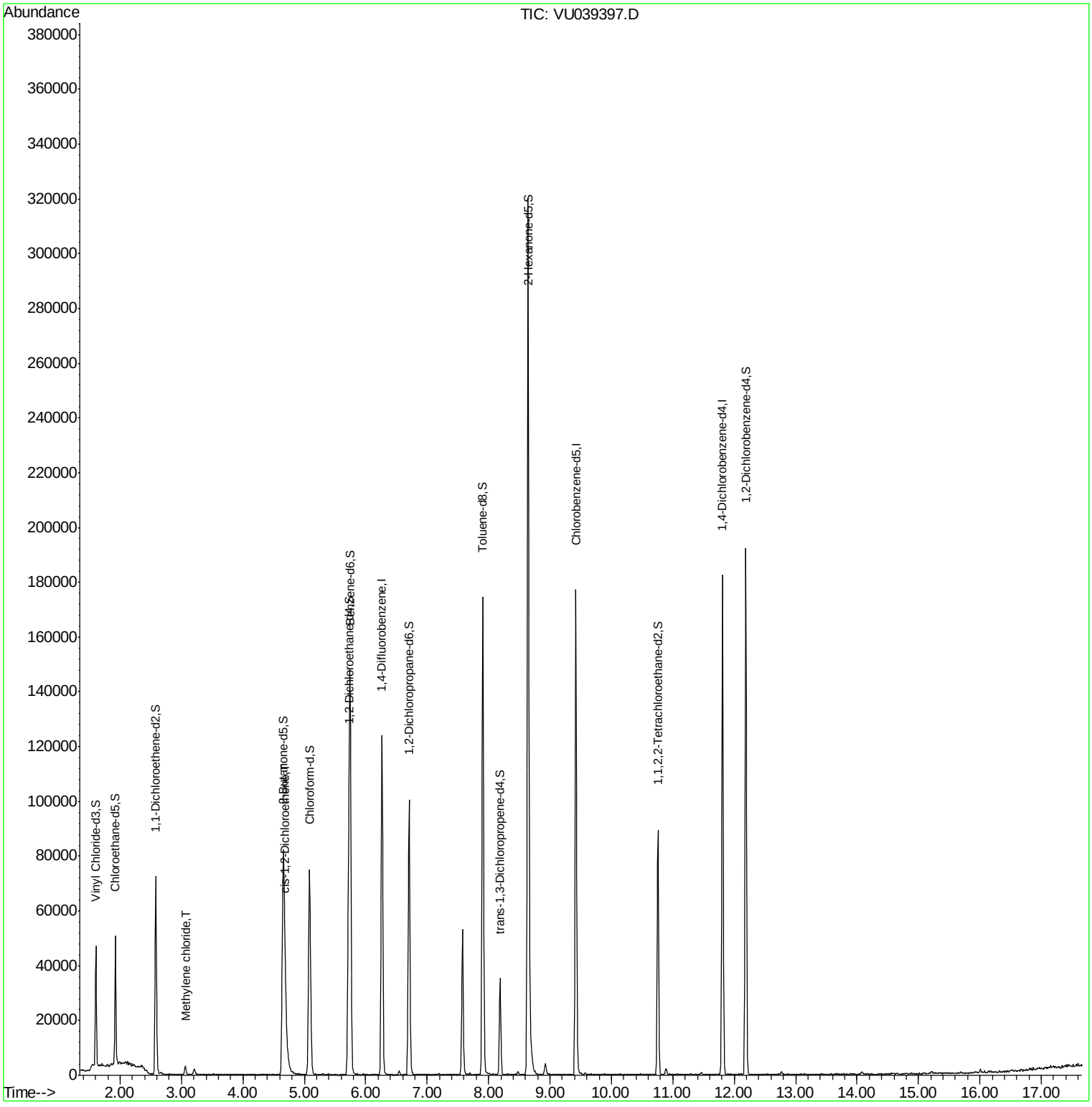
(#) = qualifier out of range (m) = manual integration (+) = signals summed

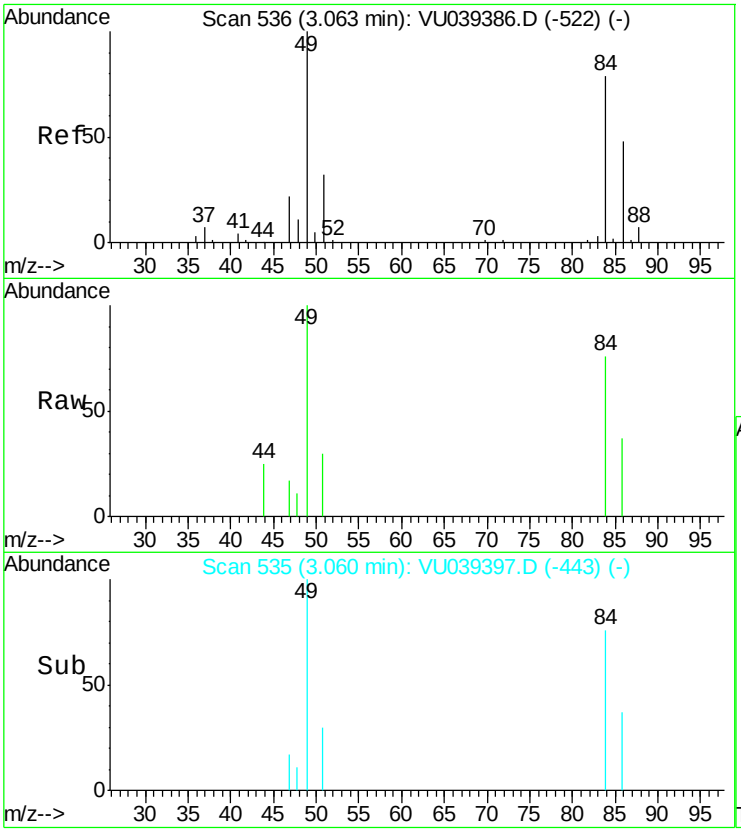
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039397.D
Acq On : 09 Jul 2020 16:02
Operator : SY/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VIBLK

Quant Time: Jul 10 09:49:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration



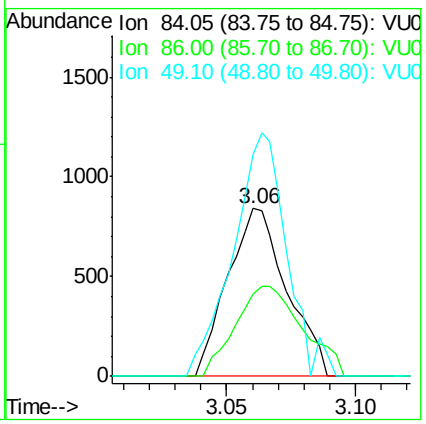


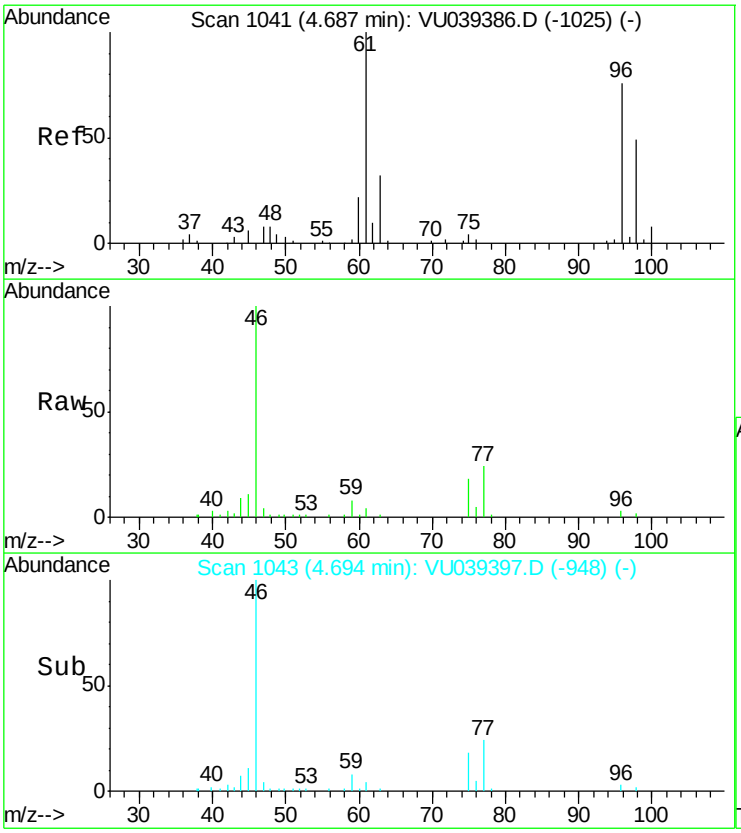

#16
Methylene chloride
Concen: 0.186 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039397.D
Acq: 09 Jul 2020 16:02

**Instrument :** MSVOA_U
**ClientSampleId :** VIBLK

Tgt Ion: 84 Resp: 1343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 48.9 | 43.5 | 80.9 |
| 49 | 132.3 | 91.1 | 169.1 |




#22
cis-1,2-Dichloroethene
Concen: 0.147 ug/L
RT: 4.69 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VU039397.D
Acq: 09 Jul 2020 16:02

Tgt Ion: 96 Resp: 1047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 120.0 | 92.8 | 172.4 |
| 68 | 0.0 | 0.0 | 0.0 |