Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112320\
Data File : VU041388.D
Acq On : 23 Nov 2020 15:16
Operator : SY/MD
Sample : VU1123WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK28

Quant Time: Nov 24 02:16:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 73920 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 77159 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 32026 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 23349 | 4.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 89.80% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 17746 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 97.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.57 | 63 | 37962 | 3.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 74.60% | | | |
| 20) 2-Butanone-d5 | 4.64 | 46 | 64464 | 48.71 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 97.42% | | | |
| 24) Chloroform-d | 5.08 | 84 | 47709 | 4.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 27357 | 4.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.80% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 80608 | 4.27 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 85.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 28952 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 96.40% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 78056 | 4.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.60% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 12356 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 90.60% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 40074 | 44.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 89.82% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76 | 84 | 20559 | 4.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 84.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 27283 | 5.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 102.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 3.06 | 84 | 801 | 0.123 | ug/L | 90 |
| 25) Chloroform | 5.11 | 83 | 2262 | 0.210 | ug/L | 100 |

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

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ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK28

Quant Time: Nov 24 02:16:08 2020
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Quant Title : TRACE VOA SOM01.0
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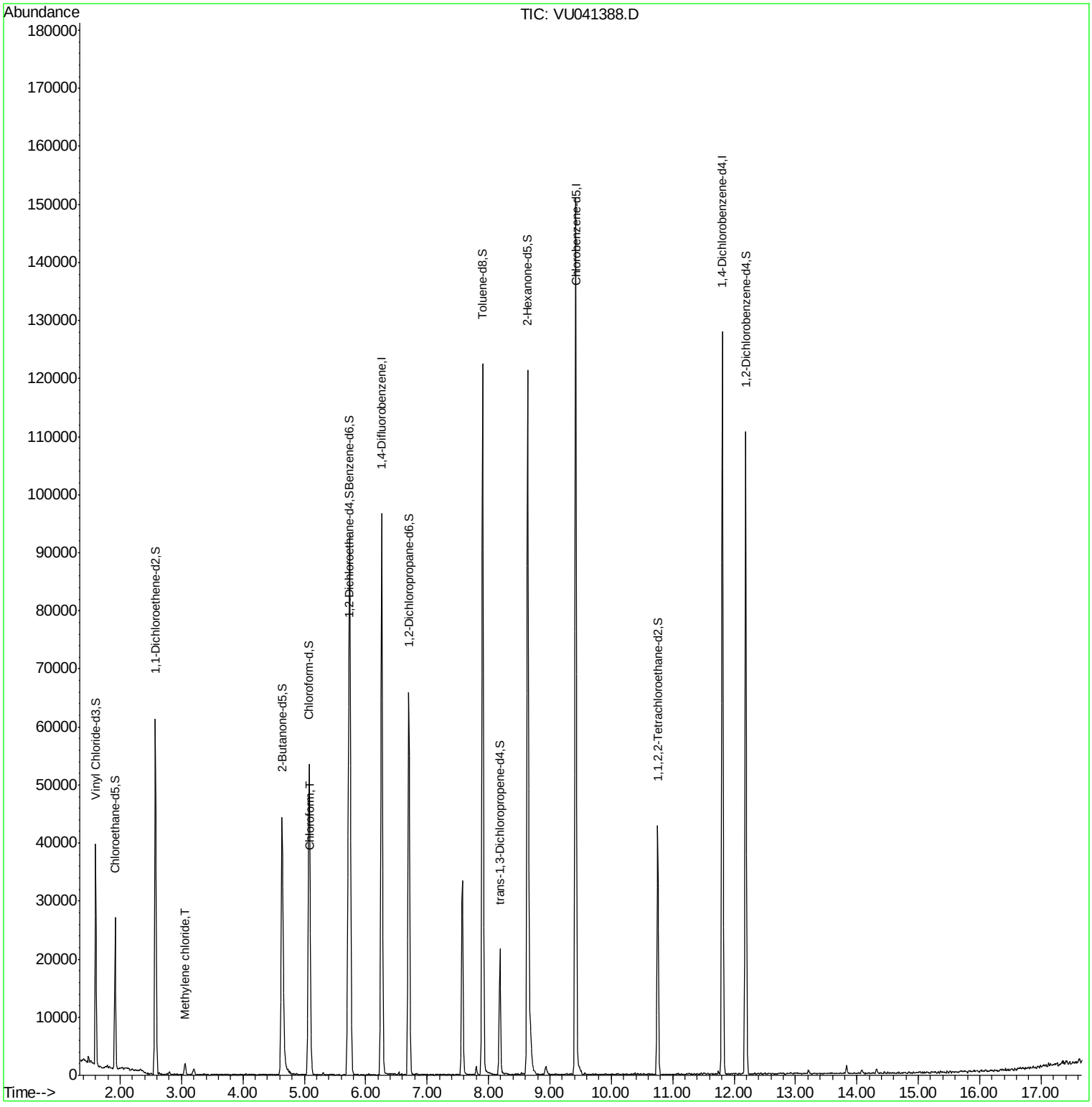
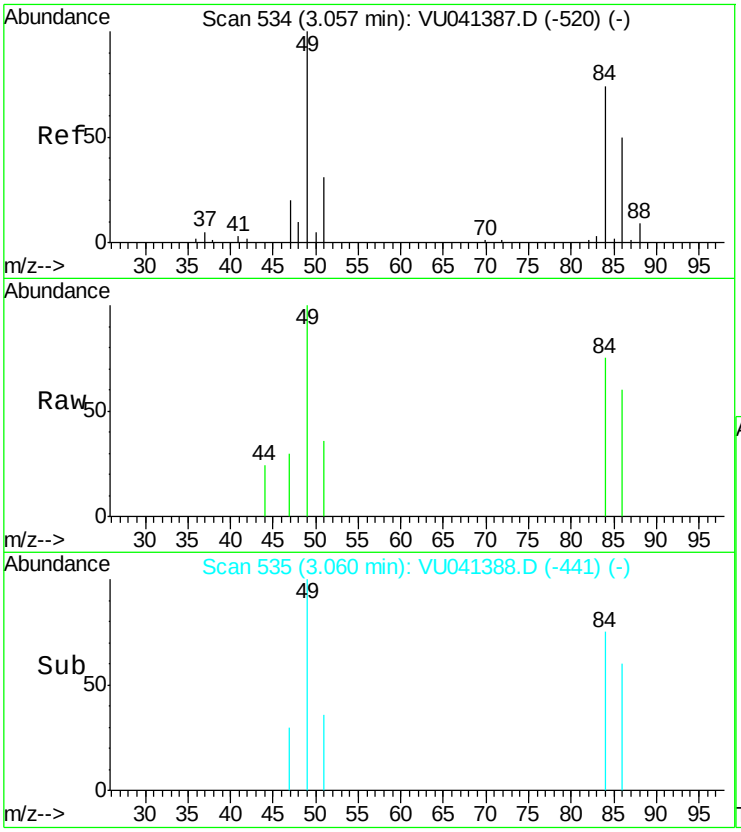


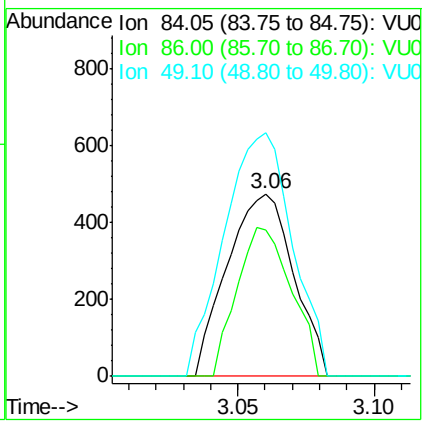


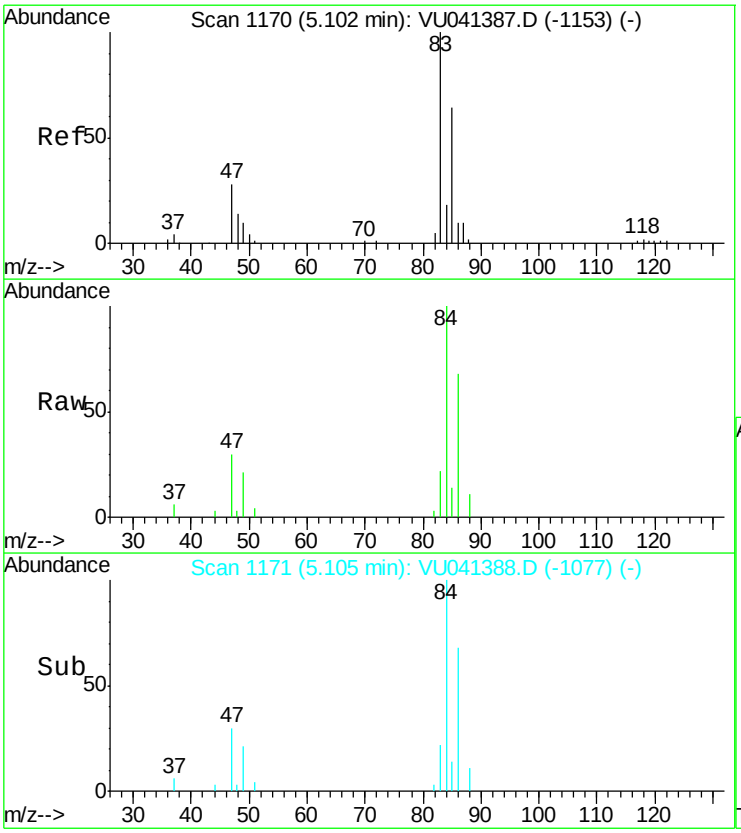

#16
Methylene chloride
Concen: 0.123 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041388.D
Acq: 23 Nov 2020 15:16

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK28

Tgt Ion: 84 Resp: 801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 80.2 | 44.4 | 82.5 |
| 49 | 133.3 | 89.9 | 167.0 |




#25
Chloroform
Concen: 0.210 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041388.D
Acq: 23 Nov 2020 15:16

Tgt Ion: 83 Resp: 2262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.0 | 44.7 | 82.9 |