Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091620\
Data File : VU040158.D
Acq On : 16 Sep 2020 19:10
Operator : SY/MD
Sample : L4041-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AD8

Quant Time: Sep 17 02:04:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 01:09:36 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 103191 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 103968 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 44306 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 25617 | 4.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 91.00% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 23454 | 5.00 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 100.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 44061 | 3.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 61.00% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 99099 | 43.97 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 87.94% | | | |
| 24) Chloroform-d | 5.08 | 84 | 54081 | 4.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 82.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 36052 | 4.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.80% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 105577 | 4.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 34751 | 4.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 86.80% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 79511 | 3.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 72.60% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 13652 | 3.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 74.20% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 67828 | 38.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 77.92% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 30093 | 4.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 87.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 32325 | 4.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 90.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.53 | 50 | 596 | 0.061 | ug/L | 92 |
| 25) Chloroform | 5.11 | 83 | 17568 | 0.970 | ug/L | 99 |
| 34) Trichloroethene | 6.55 | 95 | 20866 | 2.091 | ug/L | 97 |

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

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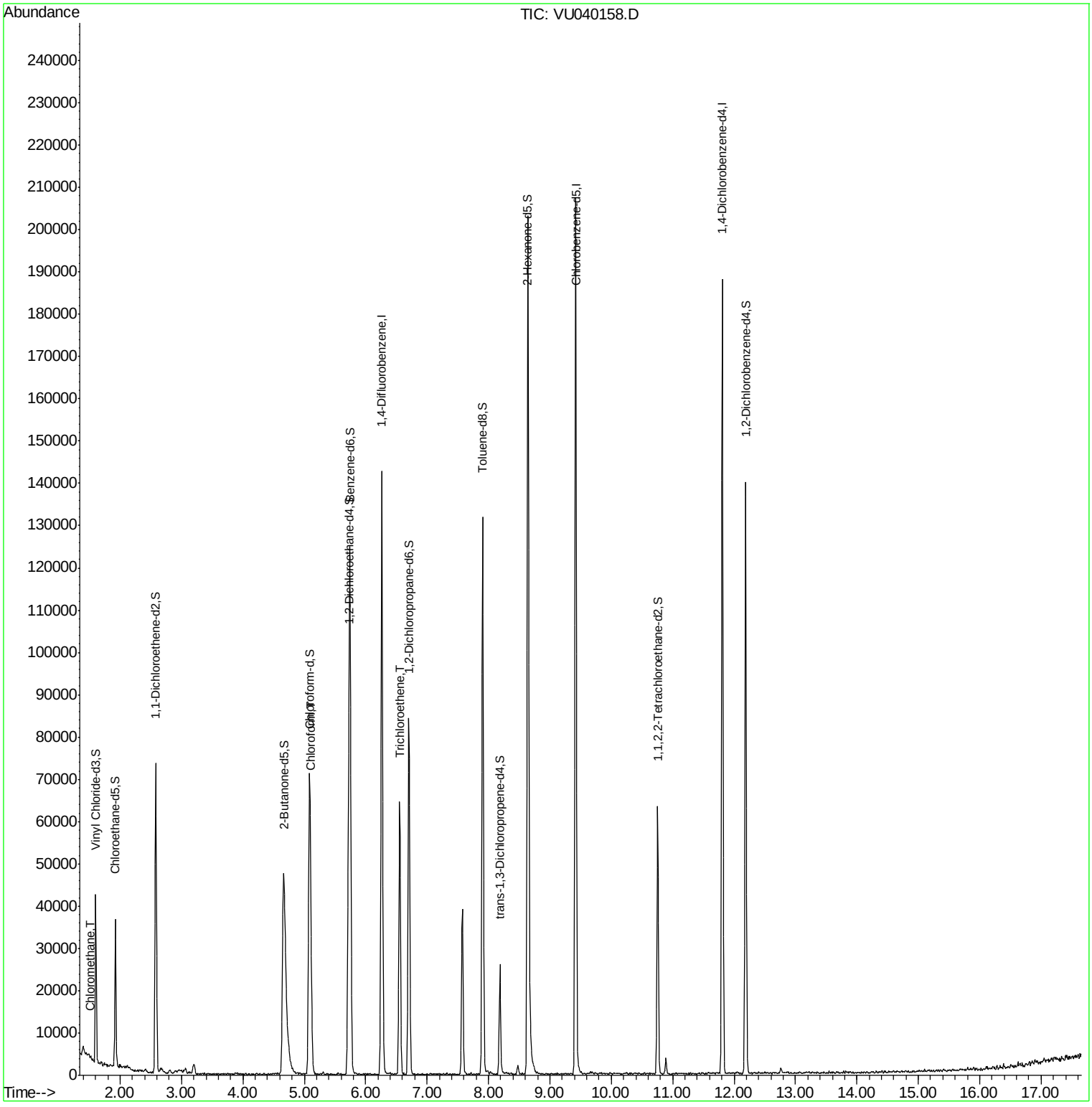
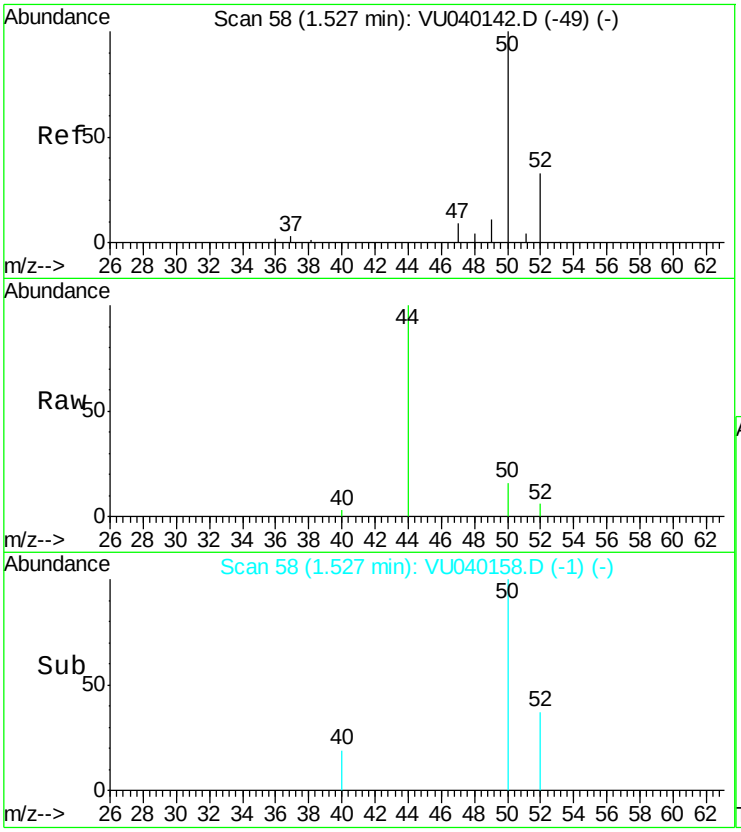


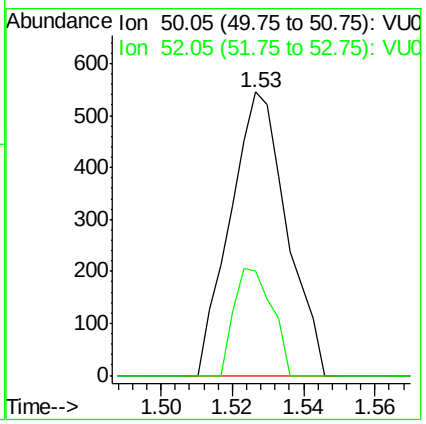


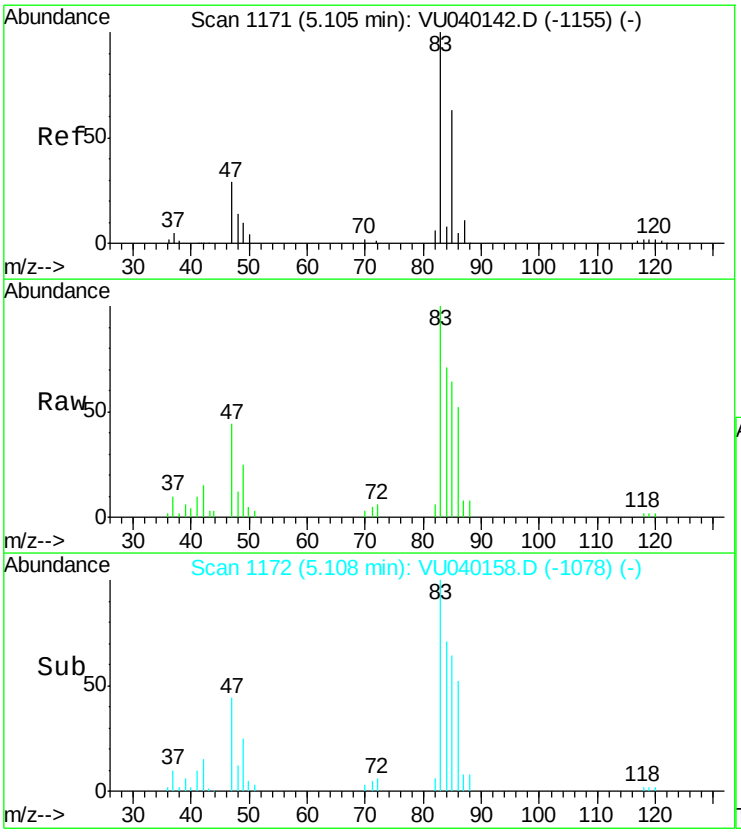

#3
Chloromethane
Concen: 0.061 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040158.D
Acq: 16 Sep 2020 19:10

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AD8

Tgt Ion: 50 Resp: 596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 36.9 | 22.8 | 42.4 |

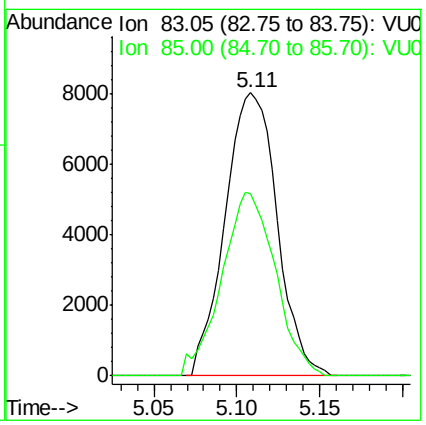


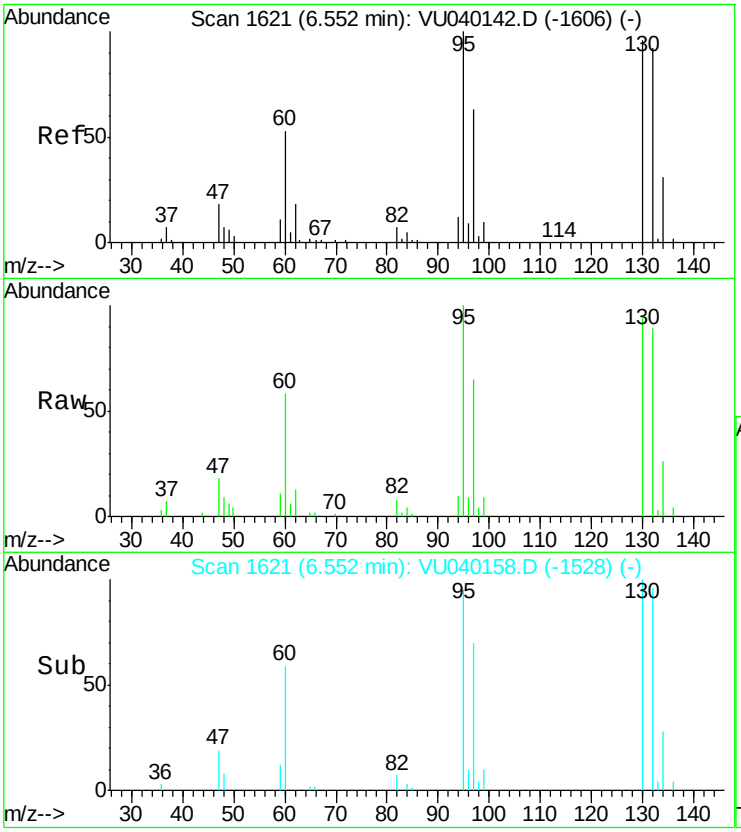




#25
Chloroform
Concen: 0.970 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040158.D
Acq: 16 Sep 2020 19:10

Tgt Ion: 83 Resp: 17568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.3 | 45.3 | 84.1 |






#34
Trichloroethene
Concen: 2.091 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU040158.D
Acq: 16 Sep 2020 19:10

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AD8

Tgt Ion: 95 Resp: 20866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 65.1 | 43.3 | 80.5 |
| 132 | 89.4 | 59.4 | 110.4 |
| 130 | 93.6 | 64.8 | 120.4 |