Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110420\

Quantitation Report (LSC Reviewed)

Data File : VU041098.D
Acq On : 04 Nov 2020 13:04
Operator : SY/MD
Sample : L4575-01DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AA0DL

Quant Time: Nov 05 01:38:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 05 00:43:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 48120 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 49148 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 21074 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 14711 | 3.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 72.80% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 12521 | 4.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 80.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 21388 | 2.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 54.00%# | | | |
| 20) 2-Butanone-d5 | 4.65 | 46 | 74909 | 56.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 112.54% | | | |
| 24) Chloroform-d | 5.08 | 84 | 32979 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 21018 | 4.74 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.80% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 56038 | 4.26 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 85.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 20802 | 4.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.20% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 44162 | 3.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 74.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 8385 | 4.52 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 90.40% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 51549 | 51.61 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 103.22% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 19843 | 4.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 99.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 18197 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 98.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 2.15 | 101 | 18290 | 2.978 | ug/L | 98 |
| 47) Tetrachloroethene | 8.56 | 164 | 27675 | 10.071 | ug/L | 97 |

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

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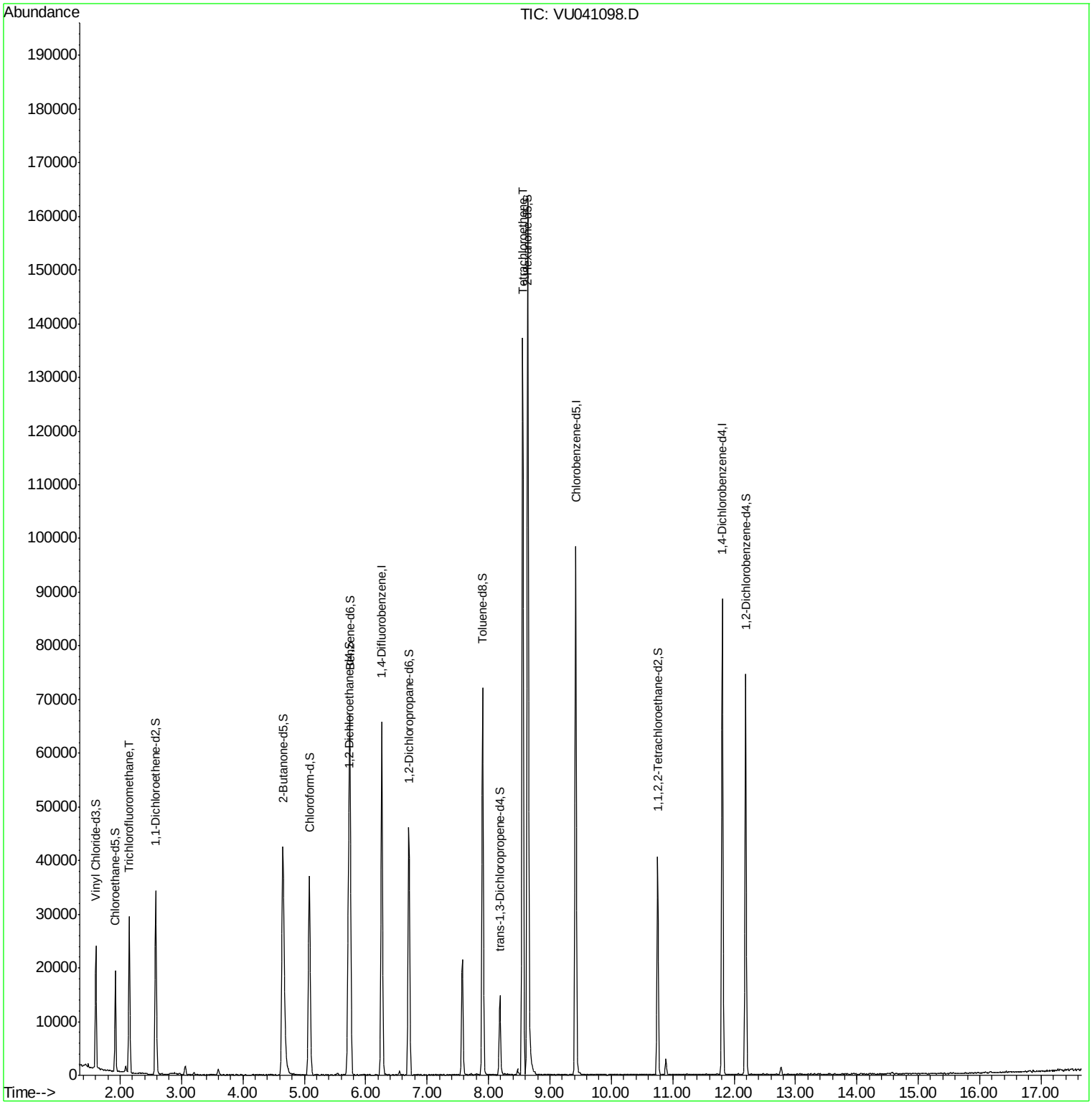
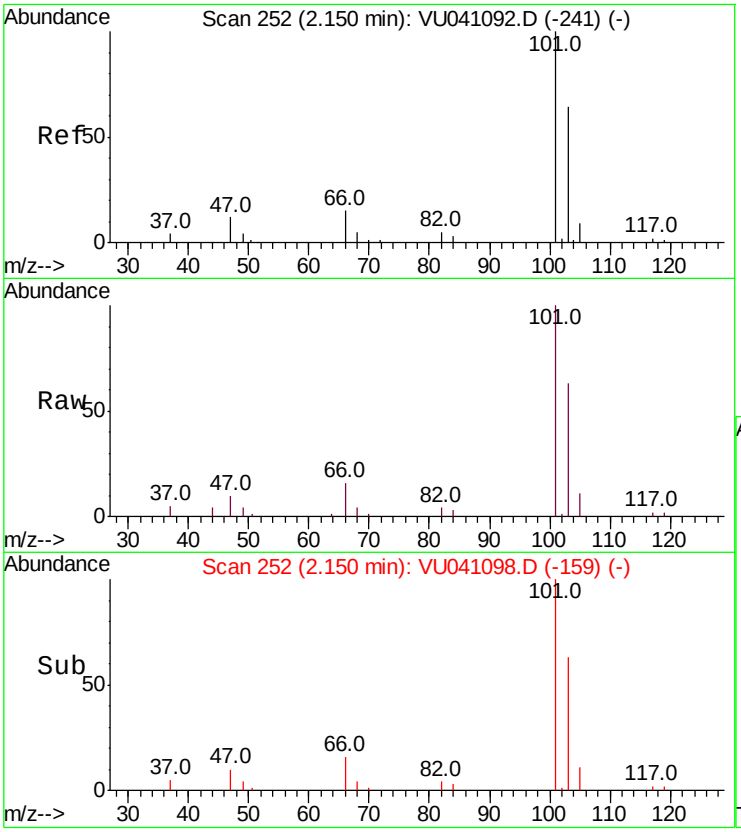


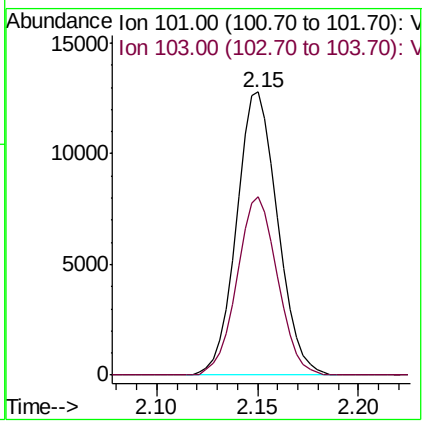


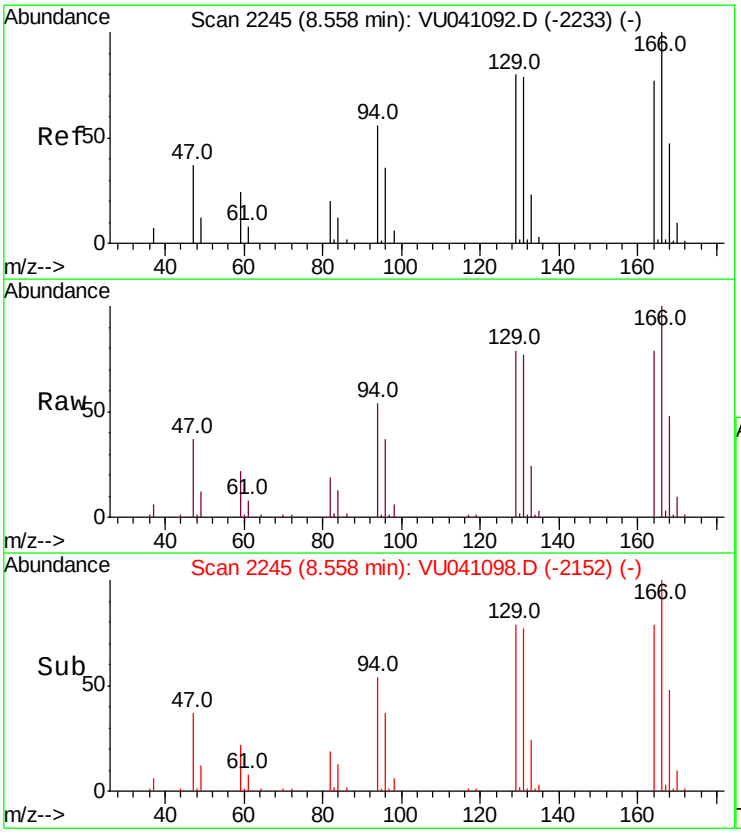

#9
Trichlorofluoromethane
Concen: 2.978 ug/L
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AA0DL

Tgt Ion:101 Resp: 18290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 61.9 | 51.0 | 76.4 |




#47
Tetrachloroethene
Concen: 10.071 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU041098.D
Acq: 04 Nov 2020 13:04

Tgt Ion:164 Resp: 27675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 100.1 | 70.3 | 130.7 |
| 131 | 97.7 | 70.8 | 131.4 |
| 166 | 126.4 | 92.0 | 170.8 |