Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
Data File : VV006664.D
Acq On : 20 Jul 2018 13:44
Operator : SY/MD
Sample : J3983-12DL 4X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** DB187DL

Quant Time: Jul 26 02:41:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 26 02:08:26 2018
Response via : Initial Calibration

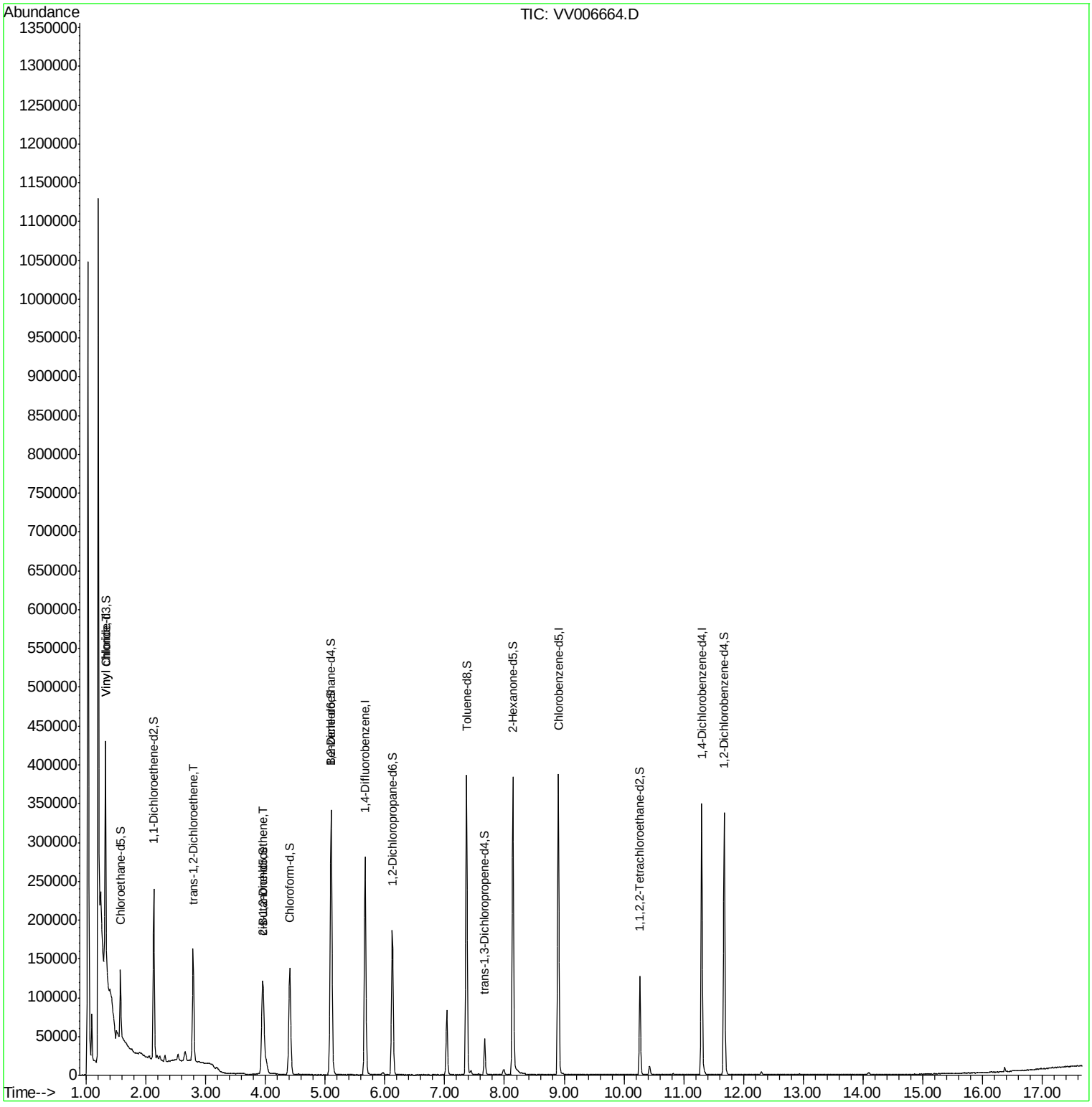
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 242119 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 222310 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 95427 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 83245 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 98.00% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 61224 | 5.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 106.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 113570 | 3.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 69.60% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 149592 | 40.54 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 81.08% | | | |
| 24) Chloroform-d | 4.41 | 84 | 141442 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 67259 | 4.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.60% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 299586 | 4.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 94165 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 100.60% | | | |
| 41) Toluene-d8 | 7.37 | 98 | 262860 | 4.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.60% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 26073 | 4.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 82.00% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 135508 | 42.78 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 85.56% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 63021 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 92.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 90249 | 5.26 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 105.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.32 | 62 | 147014 | 5.85 | ug/L | # 5 |
| 18) trans-1,2-Dichloroethene | 2.79 | 96 | 54069 | 2.74 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 3.97 | 96 | 18297 | 0.88 | ug/L | 98 |

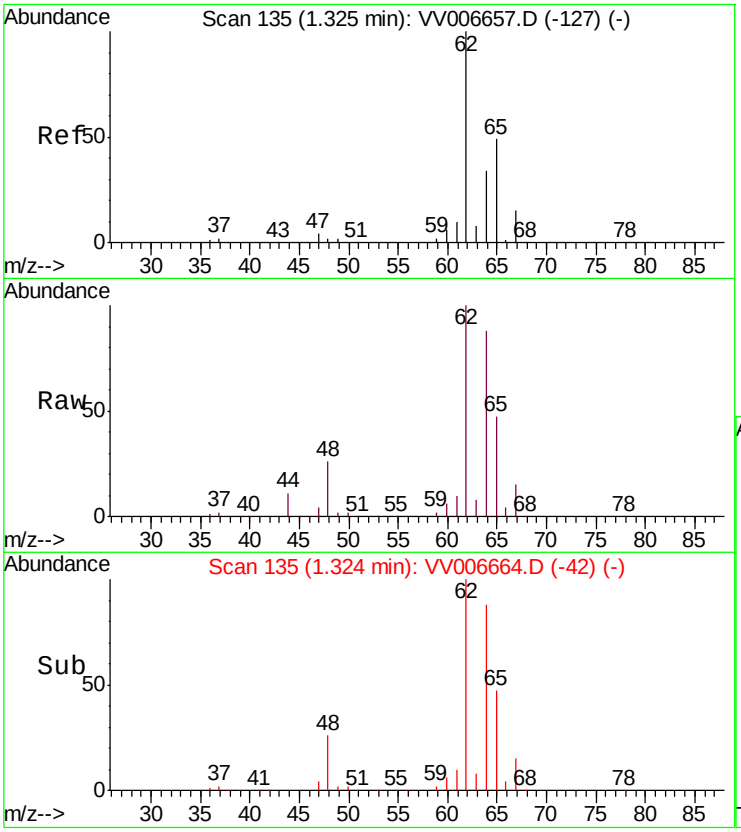
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
Data File : VV006664.D
Acq On : 20 Jul 2018 13:44
Operator : SY/MD
Sample : J3983-12DL 4X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** DB187DL

Quant Time: Jul 26 02:41:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 26 02:08:26 2018
Response via : Initial Calibration



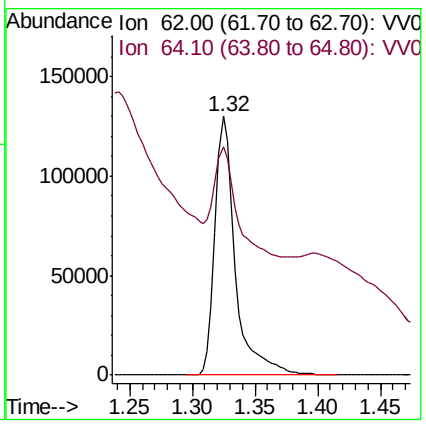


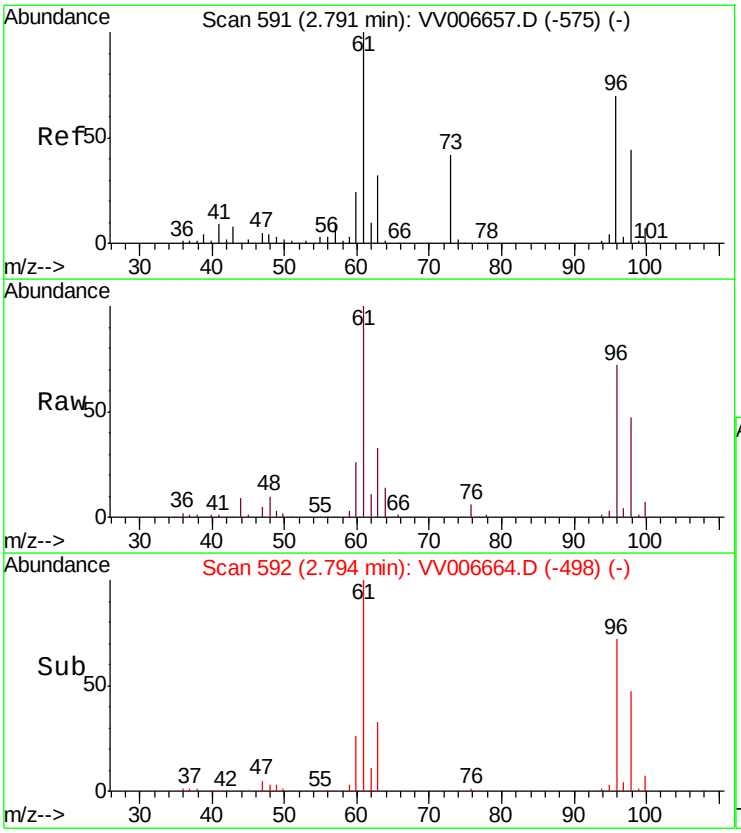

#5
Vinyl chloride
Concen: 5.85 ug/L
RT: 1.32 min Scan# 135
Delta R.T. -0.00 min
Lab File: VV006664.D
Acq: 20 Jul 2018 13:44

**Instrument :** MSVOA_V
**ClientSampleId :** DB187DL

Tgt Ion: 62 Resp: 147014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 88.3 | 23.7 | 44.1# |

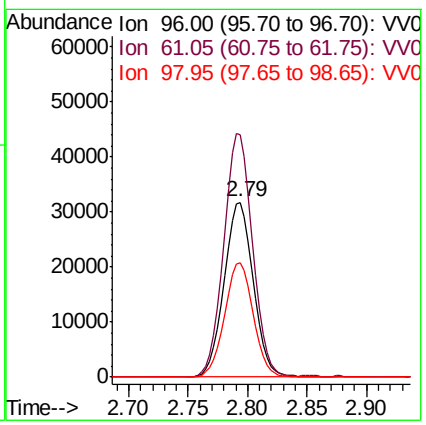


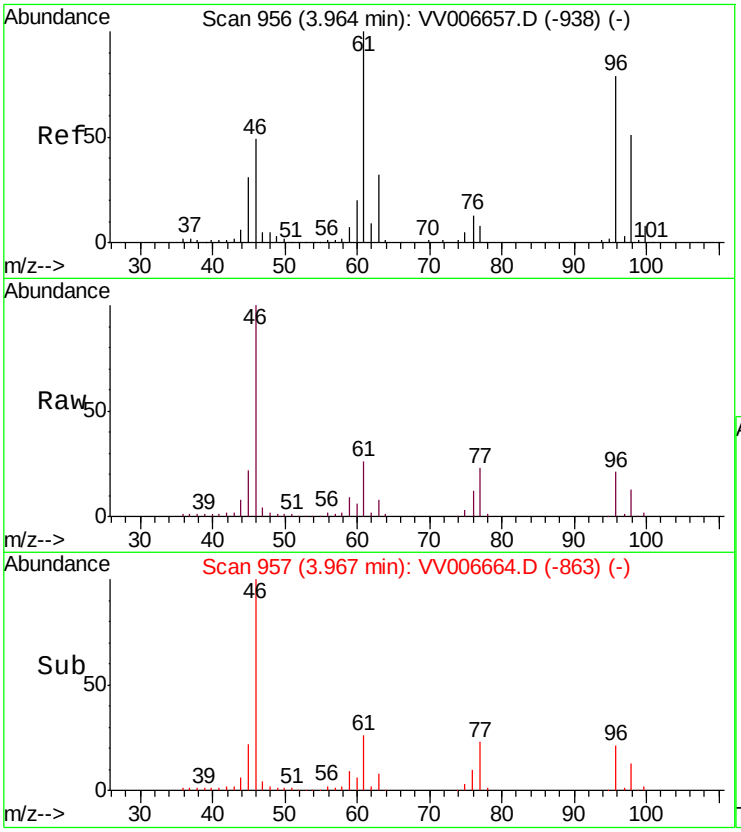




#18
trans-1,2-Dichloroethene
Concen: 2.74 ug/L
RT: 2.79 min Scan# 592
Delta R.T. 0.00 min
Lab File: VV006664.D
Acq: 20 Jul 2018 13:44

Tgt Ion: 96 Resp: 54069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 138.2 | 96.0 | 178.4 |
| 98 | 65.1 | 43.5 | 80.9 |






#22
cis-1,2-Dichloroethene
Concen: 0.88 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006664.D
Acq: 20 Jul 2018 13:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
DB187DL

Tgt Ion: 96 Resp: 18297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 121.2 | 86.2 | 160.0 |
| 68 | 0.0 | 0.0 | 0.0 |