Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042020\
Data File : VV015582.D
Acq On : 20 Apr 2020 14:55
Operator : SY/MD
Sample : L2333-04DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AB6DL

Quant Time: Apr 21 02:46:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 21 00:05:52 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 99013 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 92788 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 46542 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 22457 | 4.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 87.40% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 22312 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 94.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 36452 | 3.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 67.40% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 83783 | 58.08 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 116.16% | | | |
| 24) Chloroform-d | 4.38 | 84 | 54083 | 4.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 31468 | 5.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.60% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 101154 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 32588 | 5.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.60% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 90664 | 4.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.20% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 10861 | 3.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 77.80% | | | |
| 46) 2-Hexanone-d5 | 8.11 | 63 | 66217 | 49.24 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 98.48% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 23499 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 92.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 35741 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 95.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.13 | 96 | 3998 | 0.643 | ug/L # | 1 |
| 22) cis-1,2-Dichloroethene | 3.94 | 96 | 25962 | 3.570 | ug/L | 100 |
| 34) Trichloroethene | 5.94 | 95 | 35037 | 4.687 | ug/L | 97 |
| 47) Tetrachloroethene | 8.00 | 164 | 9643 | 1.741 | ug/L | 95 |

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

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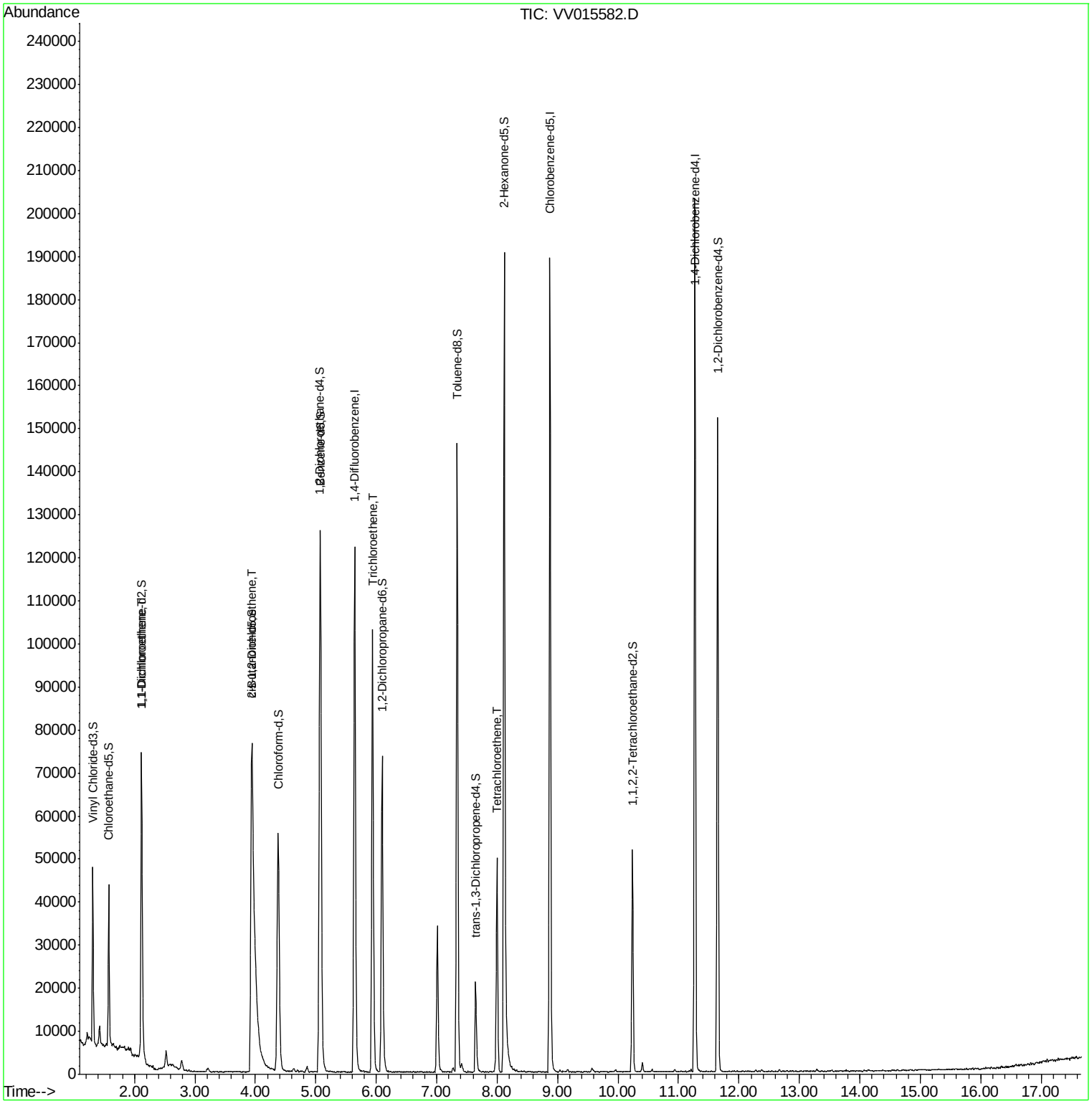
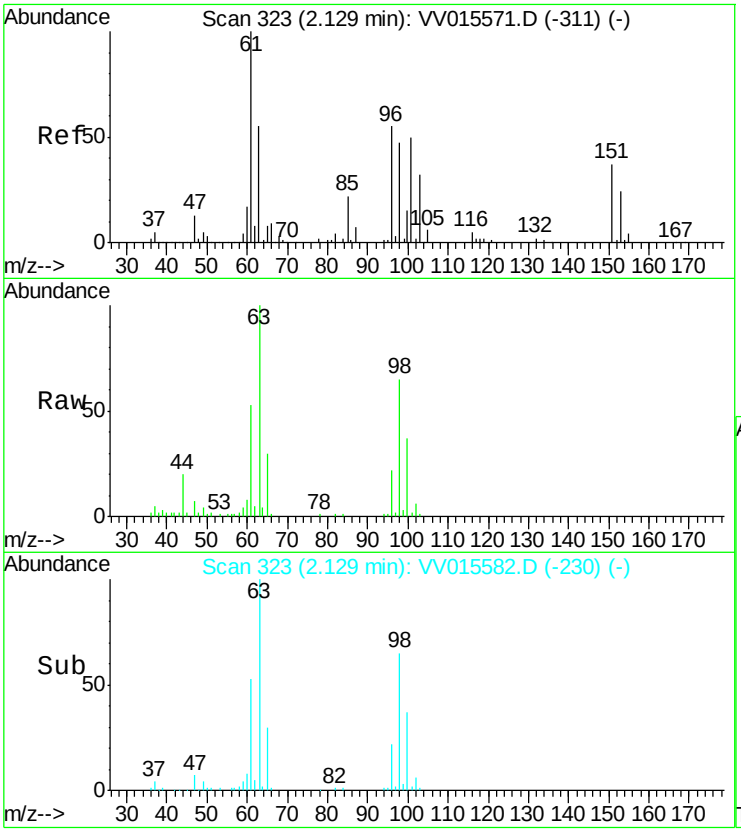


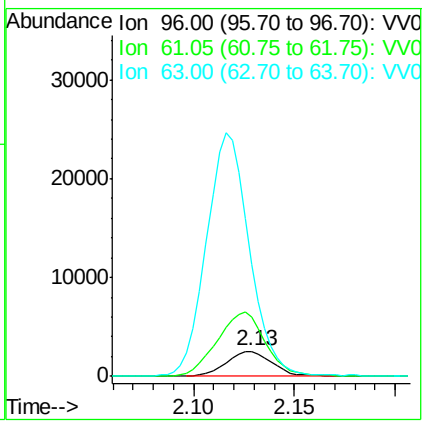


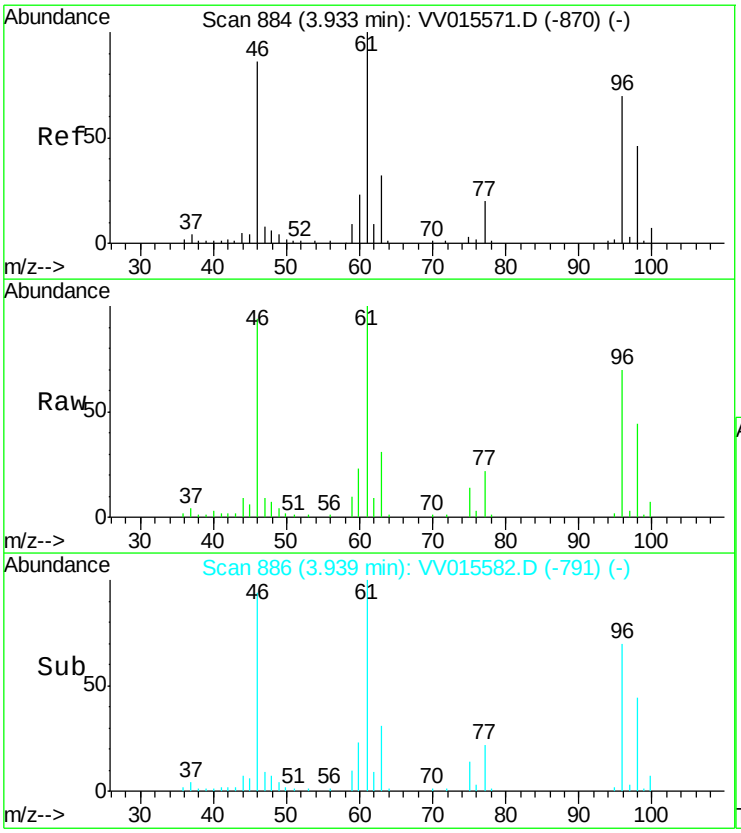

#12
1,1-Dichloroethene
Concen: 0.643 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV015582.D
Acq: 20 Apr 2020 14:55

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AB6DL

Tgt Ion: 96 Resp: 3998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 235.6 | 127.7 | 237.1 |
| 63 | 447.0 | 75.1 | 139.5# |

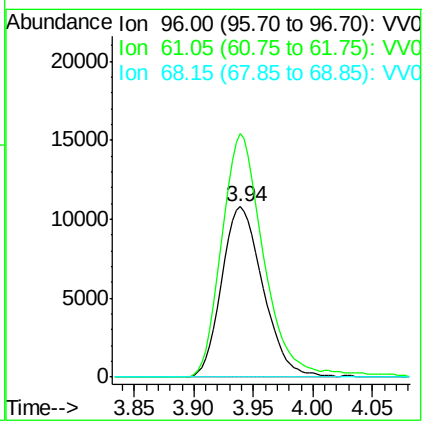


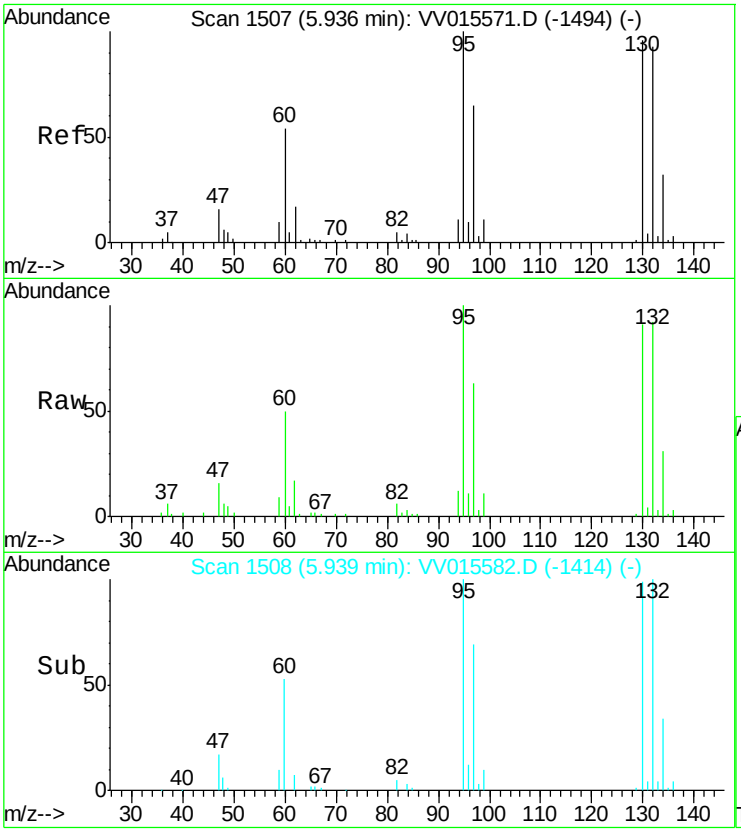




#22
cis-1,2-Dichloroethene
Concen: 3.570 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015582.D
Acq: 20 Apr 2020 14:55

Tgt Ion: 96 Resp: 25962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 143.1 | 100.0 | 185.8 |
| 68 | 0.0 | 0.0 | 0.0 |



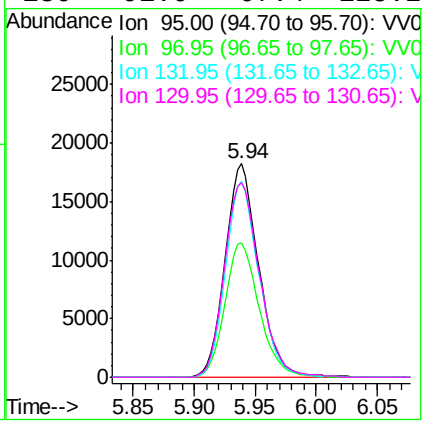


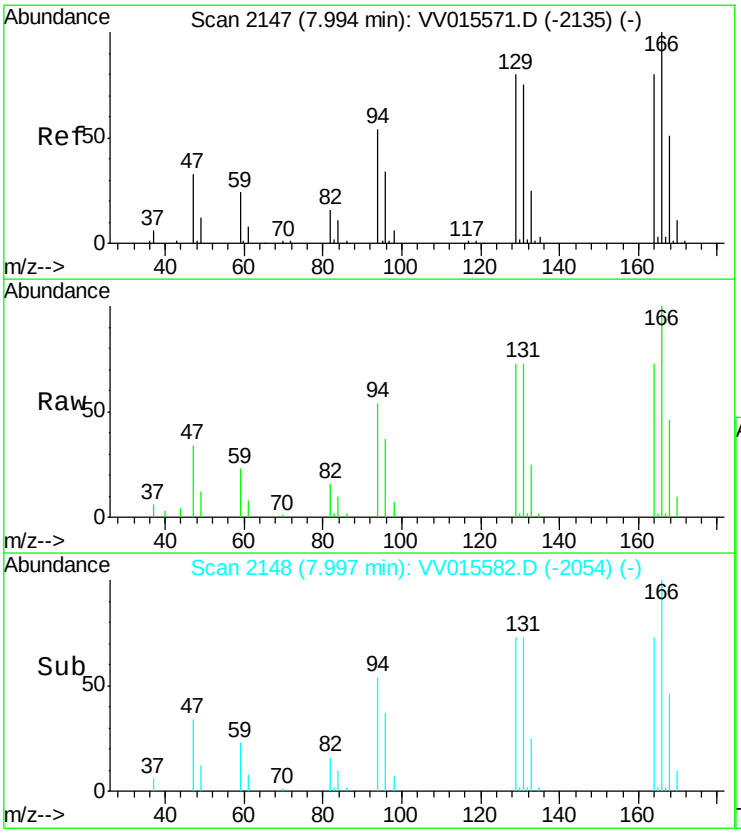

#34
Trichloroethene
Concen: 4.687 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015582.D
Acq: 20 Apr 2020 14:55

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AB6DL

Tgt Ion: 95 Resp: 35037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 62.9 | 45.4 | 84.4 |
| 132 | 91.6 | 64.8 | 120.4 |
| 130 | 91.0 | 67.4 | 125.2 |




#47
Tetrachloroethene
Concen: 1.741 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015582.D
Acq: 20 Apr 2020 14:55

Tgt Ion:164 Resp: 9643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 100.5 | 70.6 | 131.0 |
| 131 | 100.2 | 68.3 | 126.8 |
| 166 | 136.9 | 88.3 | 163.9 |