Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080718\
Data File : VW004508.D
Acq On : 07 Aug 2018 22:29
Operator : SY/AP
Sample : J4310-07
Misc : 4.03G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C-4

Quant Time: Aug 08 07:41:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 08 05:39:03 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 446136 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 232903 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 28775 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.43 | 65 | 272 | 0.05 | ug/L | 0.08 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 0.20%# | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 96 | 0.02 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 0.08%# | | | |
| 10) 1,1-Dichloroethene-d2 | 3.79 | 63 | 68 | 0.01 | ug/L | -0.23 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 0.04%# | | | |
| 20) 2-Butanone-d5 | 7.14 | 46 | 379 | 0.15 | ug/L | 0.05 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 0.30%# | | | |
| 24) Chloroform-d | 7.93 | 84 | 3407 | 0.28 | ug/L | 0.29 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 1.12%# | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 201245 | 29.89 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 119.56% | | | |
| 29) Benzene-d6 | 8.29 | 84 | 197 | 0.02 | ug/L | 0.02 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 0.08%# | | | |
| 33) 1,2-Dichloropropane-d6 | 9.34 | 67 | 60 | 0.01 | ug/L | 0.06 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 0.04%# | | | |
| 37) Toluene-d8 | 10.33 | 98 | 378109 | 34.62 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 138.48%# | | | |
| 38) trans-1,3-Dichloropropene- | 10.34 | 79 | 185 | 0.11 | ug/L | -0.24 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 0.44%# | | | |
| 39) 2-Hexanone-d5 | 11.07 | 63 | 114 | 0.12 | ug/L | 0.14 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 0.24%# | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 0.00 | 84 | 0 | 0.00 | ug/L | |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 0.00%# | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.57 | 152 | 28076 | 25.98 | ug/L | -0.29 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 103.92% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 4.91 | 84 | 44467 | 5.018 | ug/L | 97 |
| 66) 1,2-Dibromo-3-chloropropan | 14.34 | 75 | 1447 | 7.852 | ug/L # | 4 |

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

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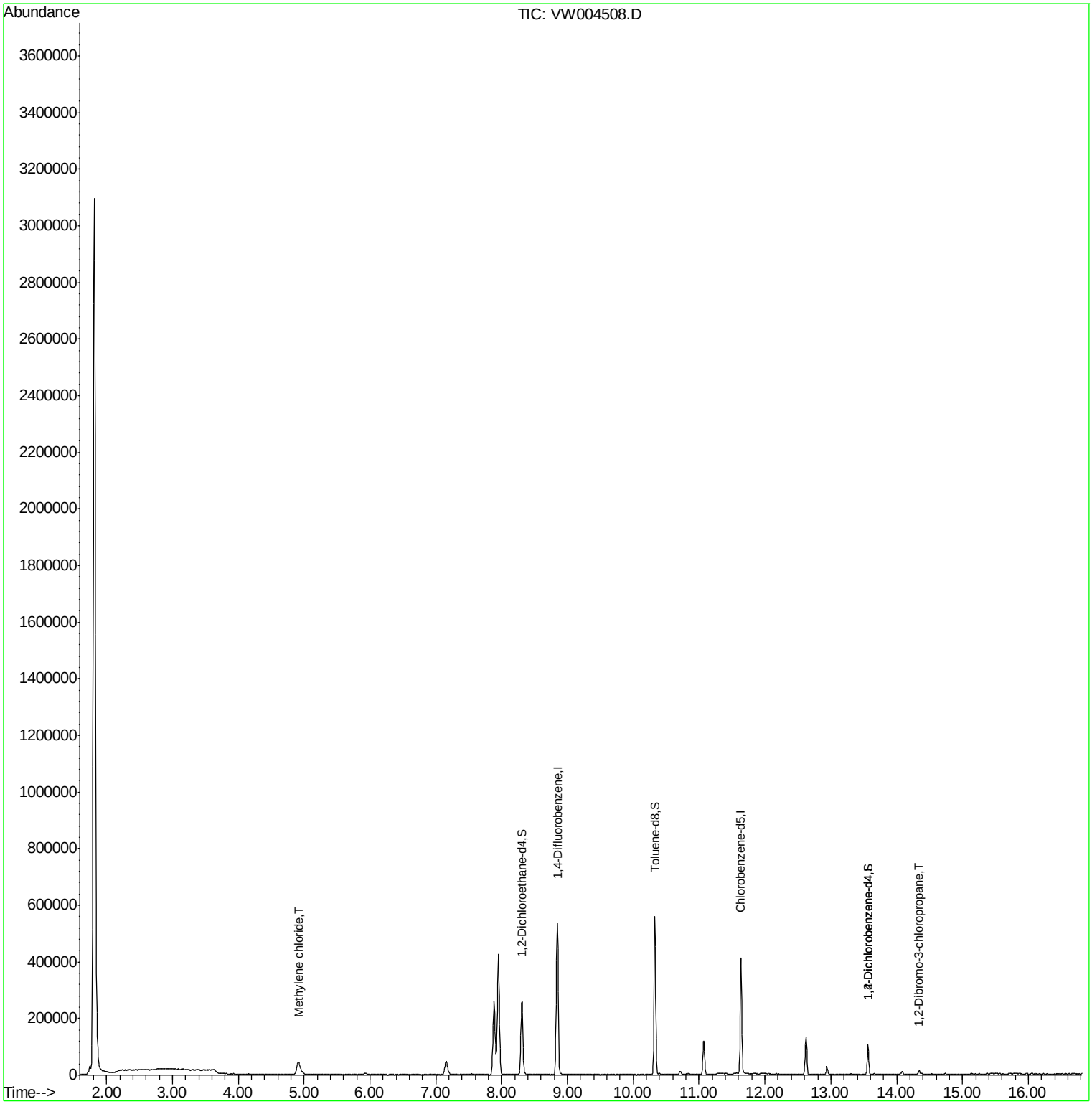
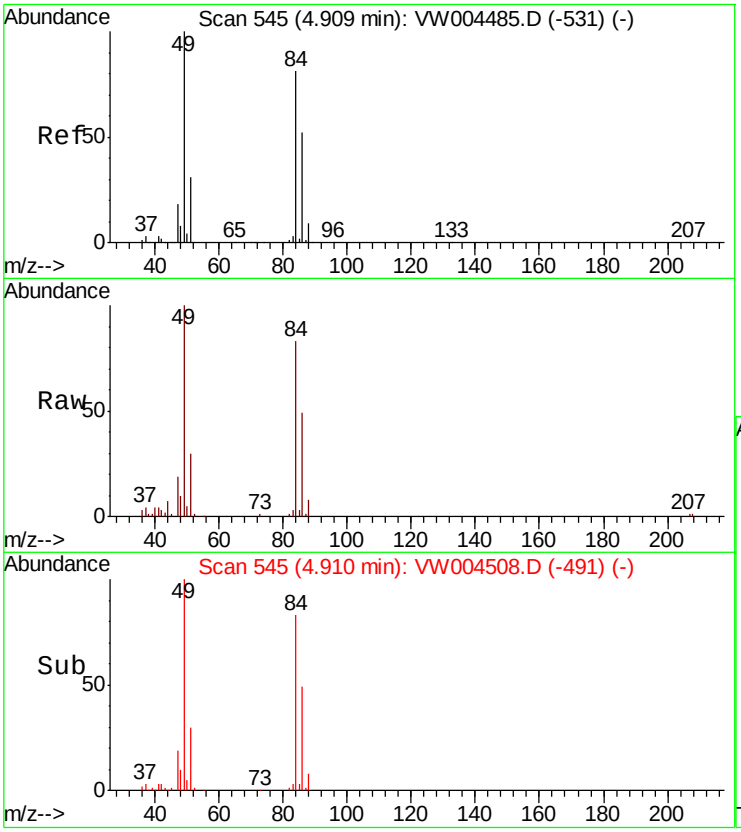


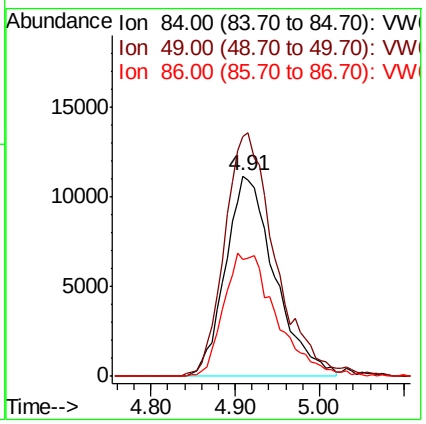


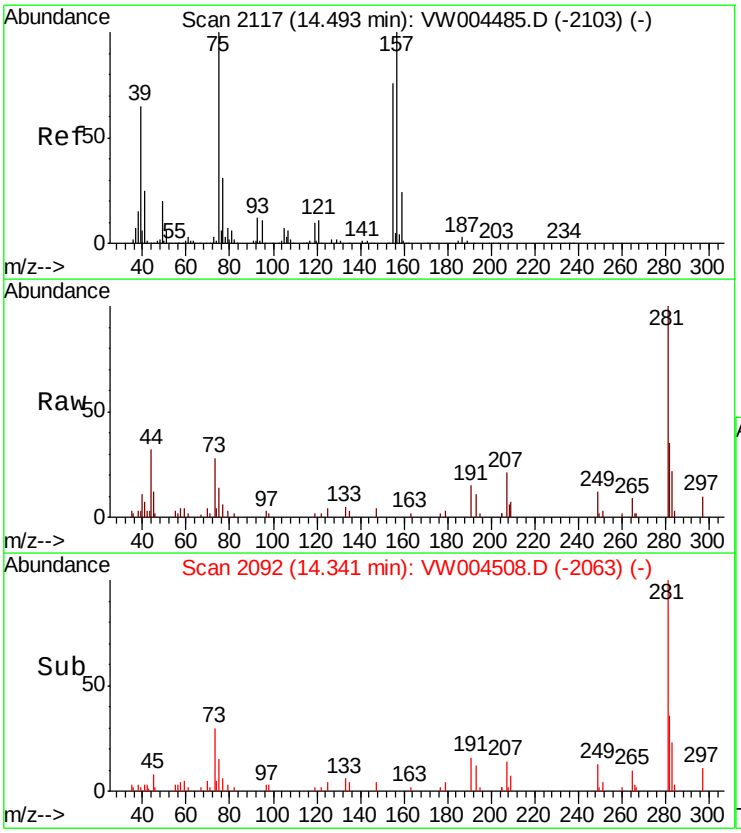

#16
Methylene chloride
Concen: 5.018 ug/L
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW004508.D
Acq: 07 Aug 2018 22:29

**Instrument :** MSVOA_W
**ClientSampleId :** C-4

Tgt Ion: 84 Resp: 44467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 119.8 | 86.0 | 159.6 |
| 86 | 58.3 | 43.5 | 80.9 |




#66
1,2-Dibromo-3-chloropropane
Concen: 7.852 ug/L
RT: 14.34 min Scan# 2092
Delta R.T. -0.15 min
Lab File: VW004508.D
Acq: 07 Aug 2018 22:29

Tgt Ion: 75 Resp: 1447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 157 | 0.0 | 81.4 | 122.0# |
| 155 | 0.0 | 63.0 | 94.6# |