Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041119\
Data File : VW009961.D
Acq On : 12 Apr 2019 16:22
Operator : SY/VA
Sample : K2303-06
Misc : 4.67G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :**

Quant Time: Apr 13 00:00:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:54:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 538703 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 513454 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 216445 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 103005 | 14.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 58.44% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 98824 | 15.30 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 61.20% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 200689 | 13.24 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 52.96% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 106171 | 46.39 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 92.78% | | | |
| 24) Chloroform-d | 7.65 | 84 | 312649 | 21.27 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 85.08% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.38 | 65 | 171 | 0.02 | ug/L | 0.07 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 0.08%# | | | |
| 29) Benzene-d6 | 8.27 | 84 | 552322 | 20.49 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 81.96% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 182101 | 21.87 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 87.48% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 467482 | 18.76 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 75.04% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 71330 | 17.96 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 71.84% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 71184 | 45.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 90.72% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 160597 | 20.75 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 83.00% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 177369 | 23.35 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 93.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.12 | 43 | 17515 | 7.142 | ug/L | 82 |
| 16) Methylene chloride | 4.91 | 84 | 39170 | 4.123 | ug/L | 96 |
| 49) 2-Hexanone | 10.93 | 43 | 11216 | 2.452 | ug/L # | 72 |
| 59) 1,2,3-Trichloropropane | 13.56 | 75 | 29881 | 5.029 | ug/L | 91 |

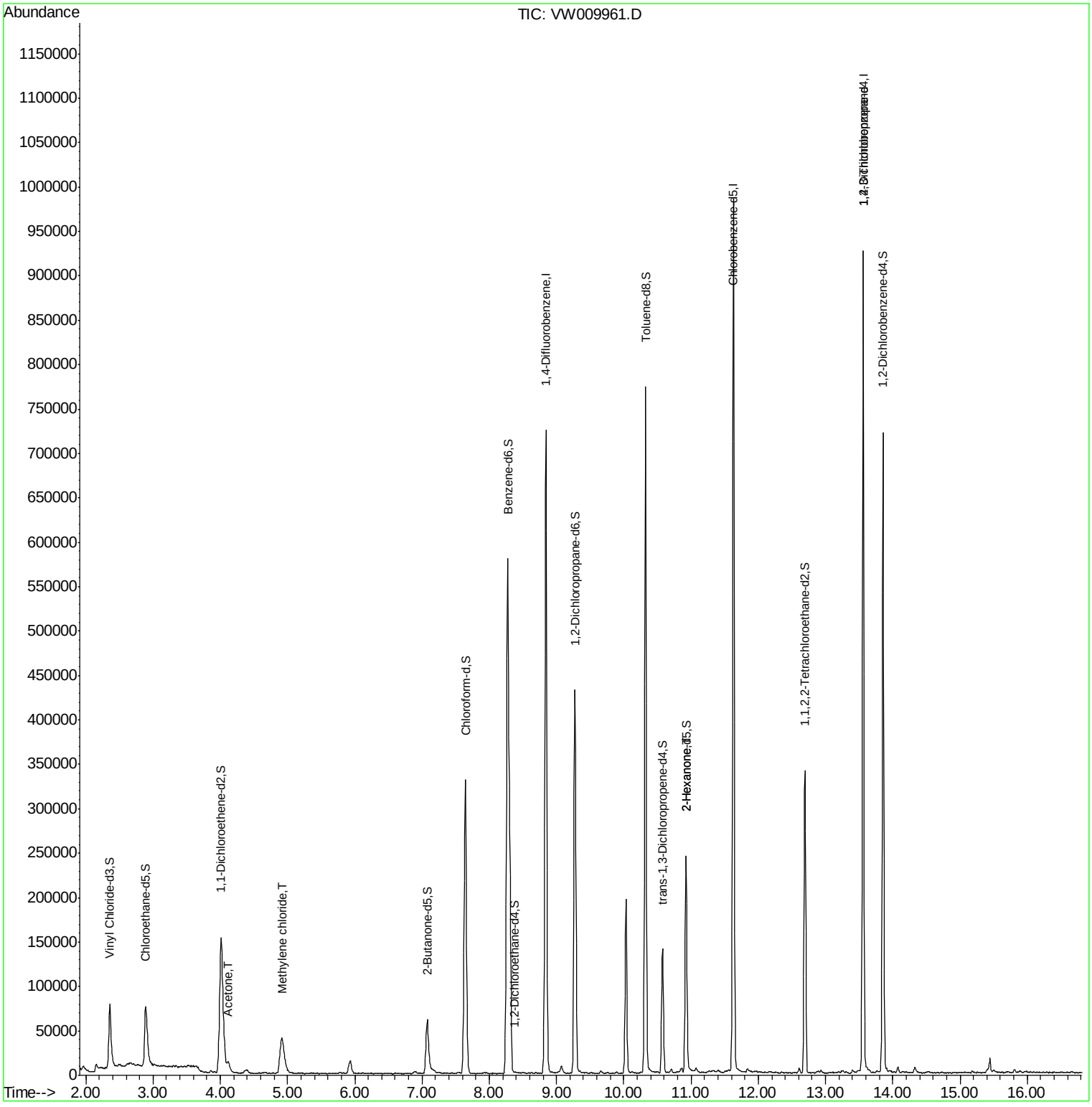
(#) = qualifier out of range (m) = manual integration (+) = signals summed

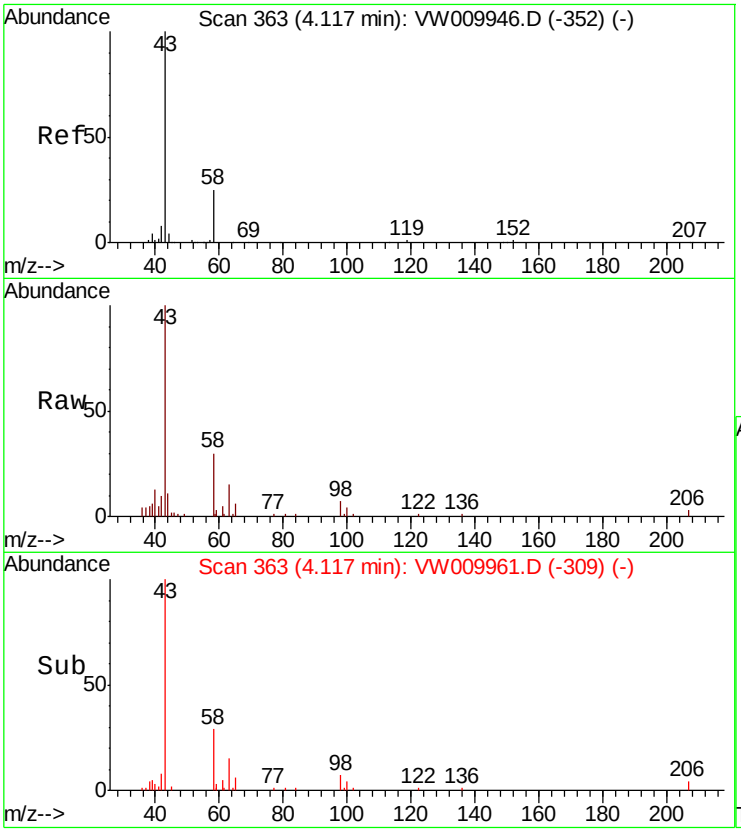
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041119\
Data File : VW009961.D
Acq On : 12 Apr 2019 16:22
Operator : SY/VA
Sample : K2303-06
Misc : 4.67G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :**

Quant Time: Apr 13 00:00:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 23:54:39 2019
Response via : Initial Calibration



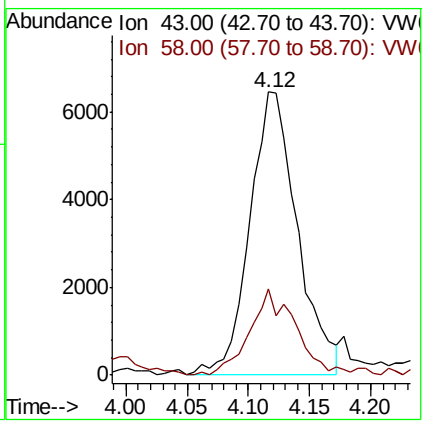


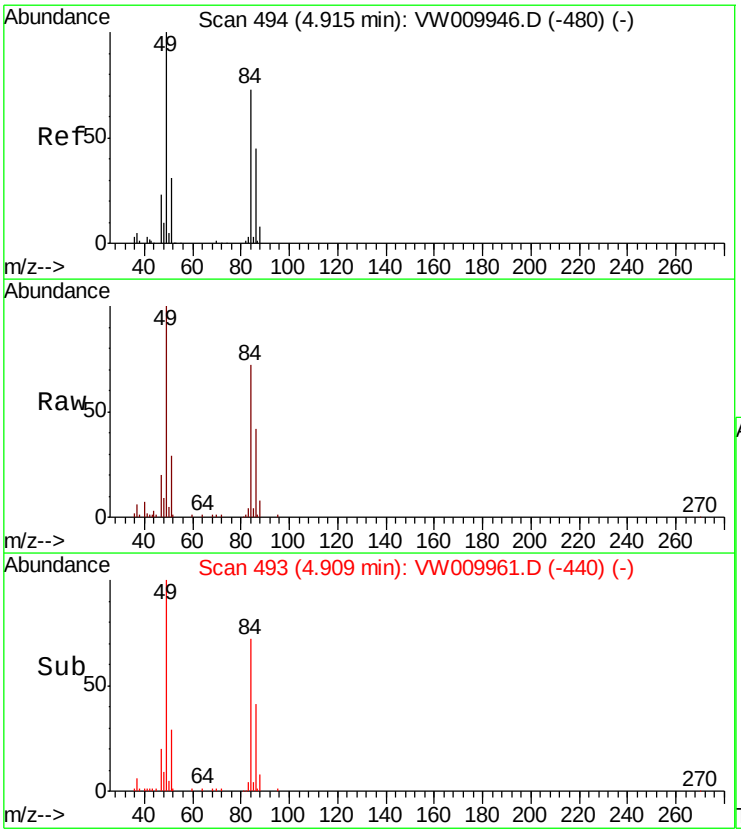

#13
Acetone
Concen: 7.142 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009961.D
Acq: 12 Apr 2019 16:22

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion: 43 Resp: 17515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 17.0 | 0.0 | 53.0 |

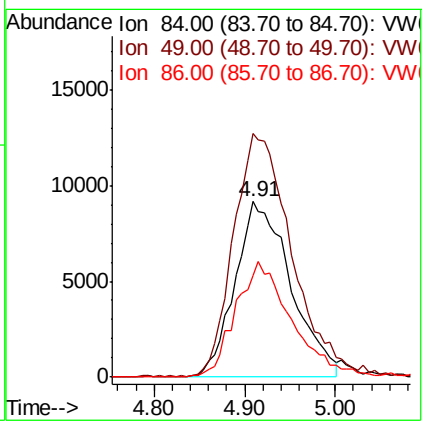


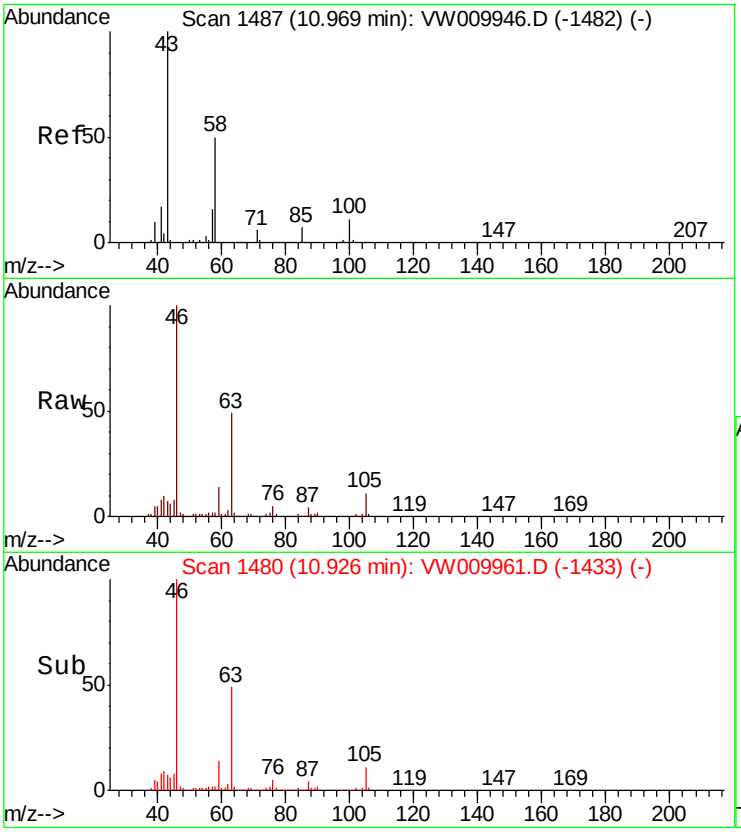




#16
Methylene chloride
Concen: 4.123 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009961.D
Acq: 12 Apr 2019 16:22

Tgt Ion: 84 Resp: 39170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 139.0 | 98.3 | 182.5 |
| 86 | 57.9 | 46.4 | 86.2 |



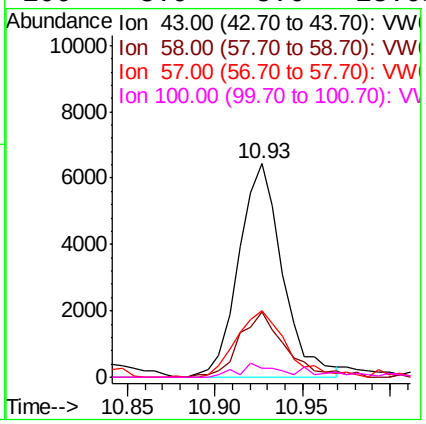


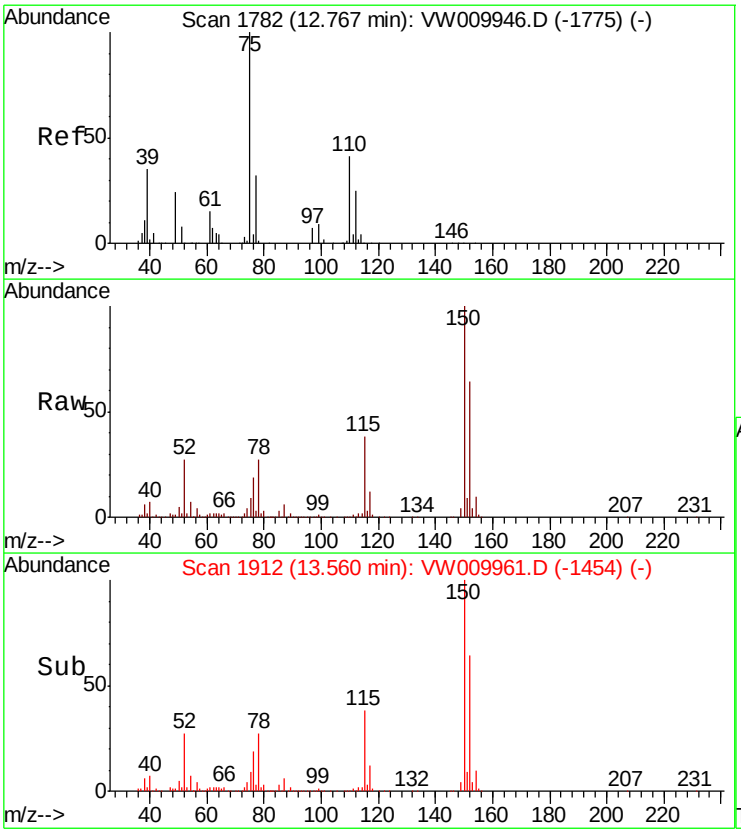

#49
2-Hexanone
Concen: 2.452 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW009961.D
Acq: 12 Apr 2019 16:22

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion: 43 Resp: 11216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.0 | 38.9 | 58.3# |
| 57 | 35.0 | 13.8 | 20.6# |
| 100 | 3.9 | 8.6 | 13.0# |




#59
1,2,3-Trichloropropane
Concen: 5.029 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW009961.D
Acq: 12 Apr 2019 16:22

Tgt Ion: 75 Resp: 29881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.7 | 26.2 | 39.2 |