Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032319\
Data File : VW009383.D
Acq On : 23 Mar 2019 11:45
Operator : SY/VA
Sample : VW0323SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 23 22:47:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 22:42:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 406657 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 384260 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 178979 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.36 | 65 | 113118 | 23.28 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 93.12% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 105996 | 18.64 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 74.56% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 171868 | 16.36 | ug/L | -0.01 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 65.44% | | | |
| 20) 2-Butanone-d5 | 7.07 | 46 | 85254 | 42.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 84.84% | | | |
| 24) Chloroform-d | 7.64 | 84 | 235353 | 21.21 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 84.84% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.30 | 65 | 140127 | 20.96 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 83.84% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 444407 | 20.97 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 83.88% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 134700 | 21.16 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 84.64% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 400211 | 20.42 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 81.68% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 60265 | 18.85 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 75.40% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 60896 | 39.50 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 79.00% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 128813 | 20.55 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 82.20% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 149072 | 21.72 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 86.88% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.11 | 43 | 1901 | 1.153 | ug/L | 93 |
| 16) Methylene chloride | 4.92 | 84 | 5980 | 1.008 | ug/L | 87 |
| 42) cis-1,3-Dichloropropene | 10.04 | 75 | 5010 | 0.570 | ug/L | 91 |
| 70) 1,2,3-Trichlorobenzene | 15.56 | 180 | 1815 | 0.277 | ug/L | 87 |

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

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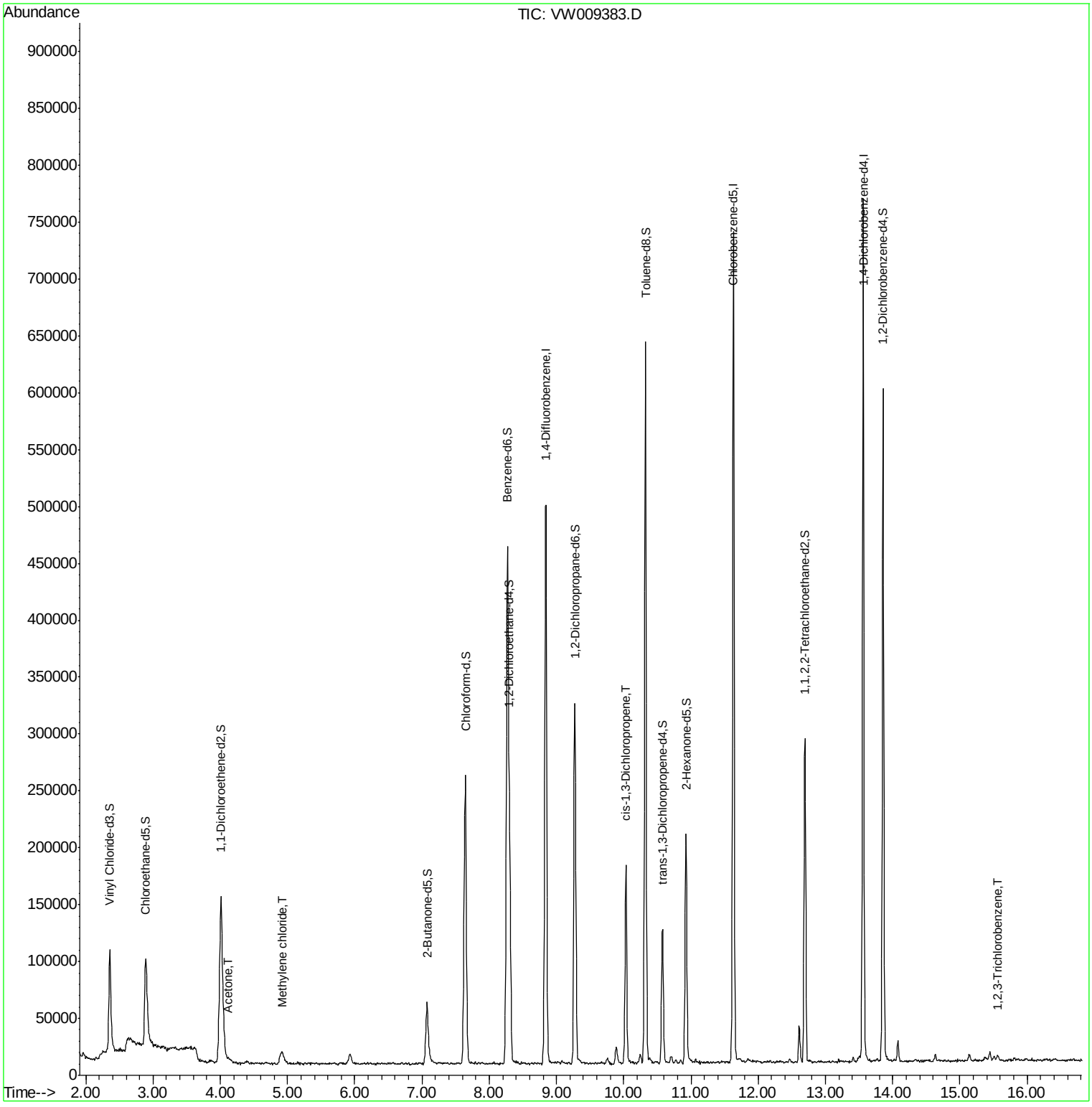
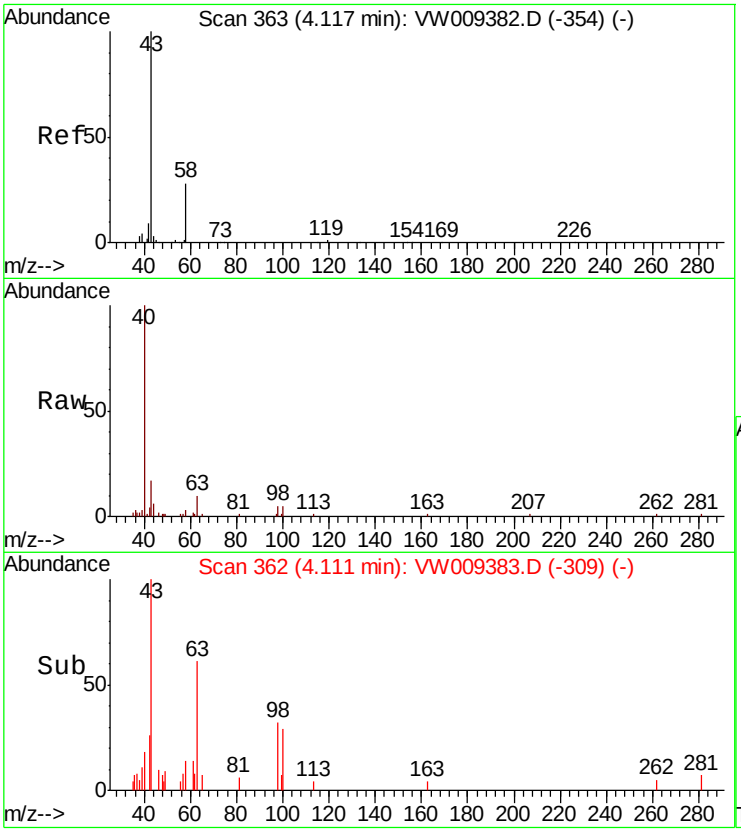
Acq On : 23 Mar 2019 11:45
Operator : SY/VA
Sample : VW0323SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Mar 23 22:47:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 22:42:53 2019
Response via : Initial Calibration



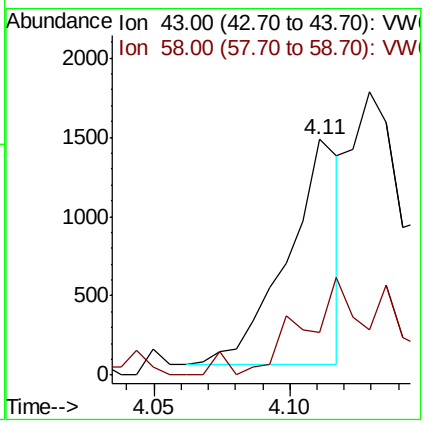


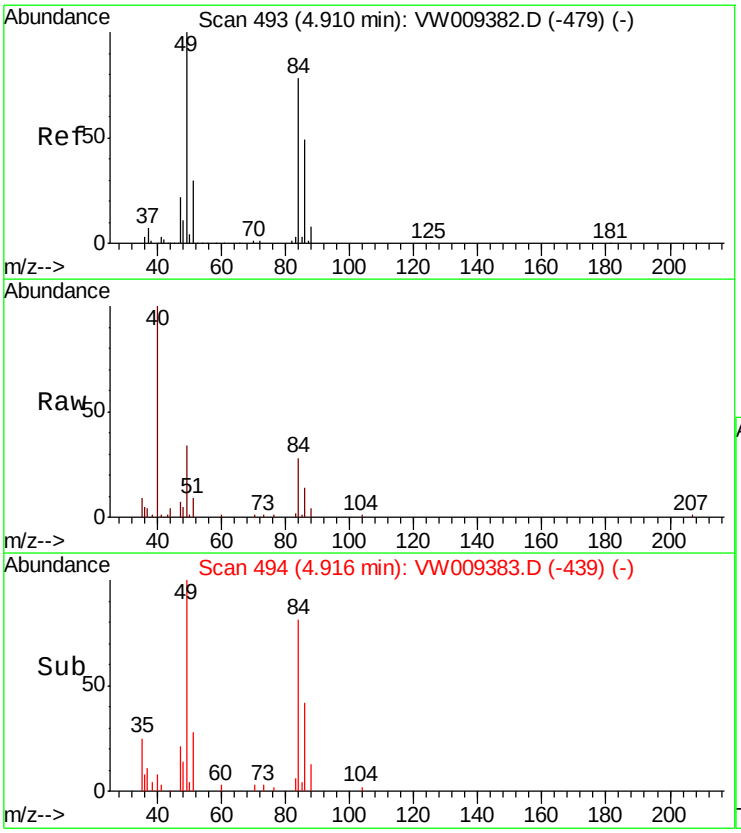

#13
Acetone
Concen: 1.153 ug/L
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW009383.D
Acq: 23 Mar 2019 11:45

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

Tgt Ion: 43 Resp: 1901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 24.4 | 0.0 | 56.2 |

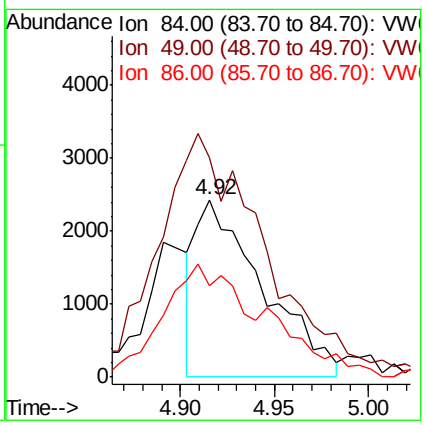


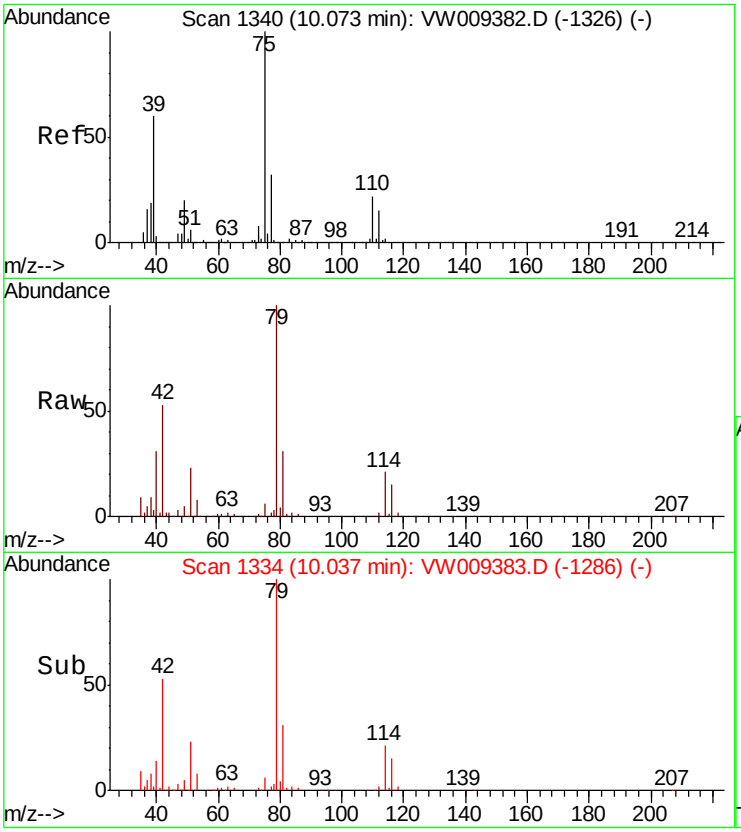




#16
Methylene chloride
Concen: 1.008 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009383.D
Acq: 23 Mar 2019 11:45

Tgt Ion: 84 Resp: 5980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 123.6 | 96.0 | 178.2 |
| 86 | 51.3 | 44.4 | 82.5 |



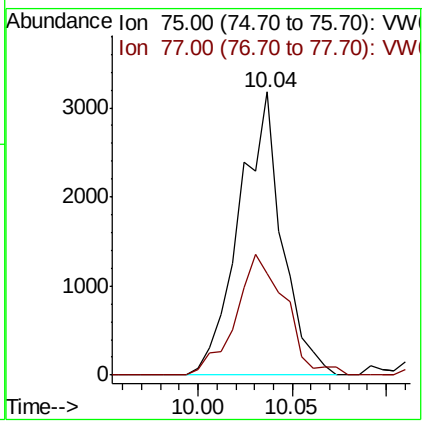


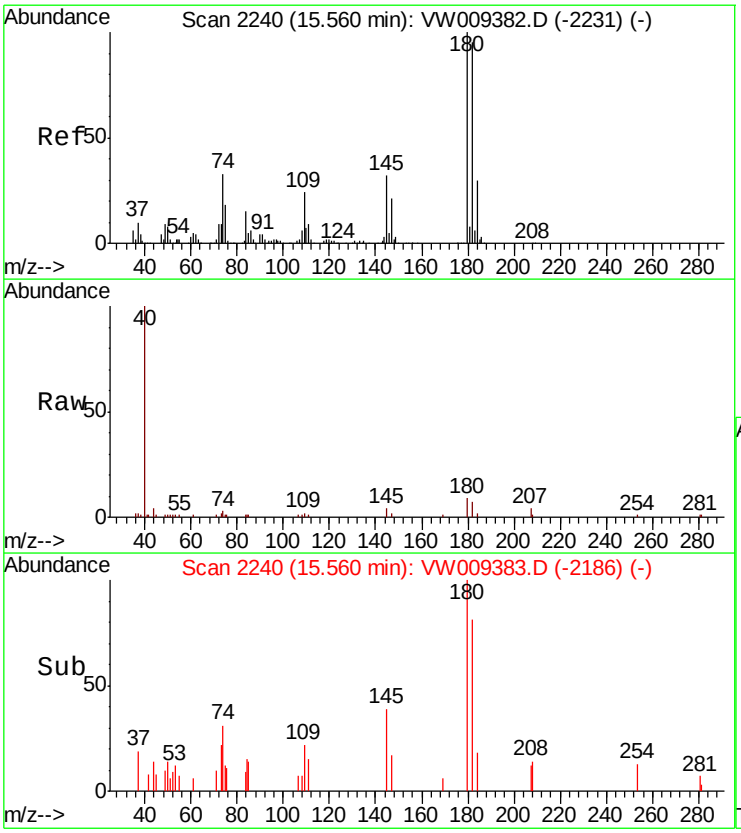

#42
cis-1,3-Dichloropropene
Concen: 0.570 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW009383.D
Acq: 23 Mar 2019 11:45

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

Tgt Ion: 75 Resp: 5010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.7 | 21.6 | 40.2 |




#70
1,2,3-Trichlorobenzene
Concen: 0.277 ug/L
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW009383.D
Acq: 23 Mar 2019 11:45

Tgt Ion:180 Resp: 1815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 79.1 | 77.2 | 115.8 |
| 145 | 32.6 | 25.8 | 38.6 |