Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112519\

Quantitation Report (Not Reviewed)

Data File : VW014107.D
Acq On : 25 Nov 2019 13:01
Operator : SY/VA
Sample : K6007-15
Misc : 5.15G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0BM1

Quant Time: Nov 26 07:48:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 279440 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 199780 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152 | 53974 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 75545 | 16.95 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 67.80% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 76319 | 21.11 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 84.44% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 125835 | 13.75 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 55.00% | | | |
| 20) 2-Butanone-d5 | 7.07 | 46 | 66484 | 51.33 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 102.66% | | | |
| 24) Chloroform-d | 7.65 | 84 | 206622 | 24.05 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 96.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 108206 | 25.05 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 100.20% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 419817 | 29.62 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 118.48% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 133430 | 32.13 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 128.52%# | | | |
| 37) Toluene-d8 | 10.32 | 98 | 328603 | 24.45 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 97.80% | | | |
| 38) trans-1,3-Dichloropropene- | 10.57 | 79 | 36082 | 20.29 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 81.16% | | | |
| 39) 2-Hexanone-d5 | 10.92 | 63 | 45539 | 57.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 115.66% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 93505 | 29.82 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 119.28% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 58195 | 26.84 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 107.36% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.12 | 43 | 7343 | 5.571 | ug/L | 65 |
| 16) Methylene chloride | 4.92 | 84 | 13120 | 2.439 | ug/L | 94 |
| 42) cis-1,3-Dichloropropene | 10.03 | 75 | 2498 | 0.449 | ug/L | 87 |

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

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**Instrument :**
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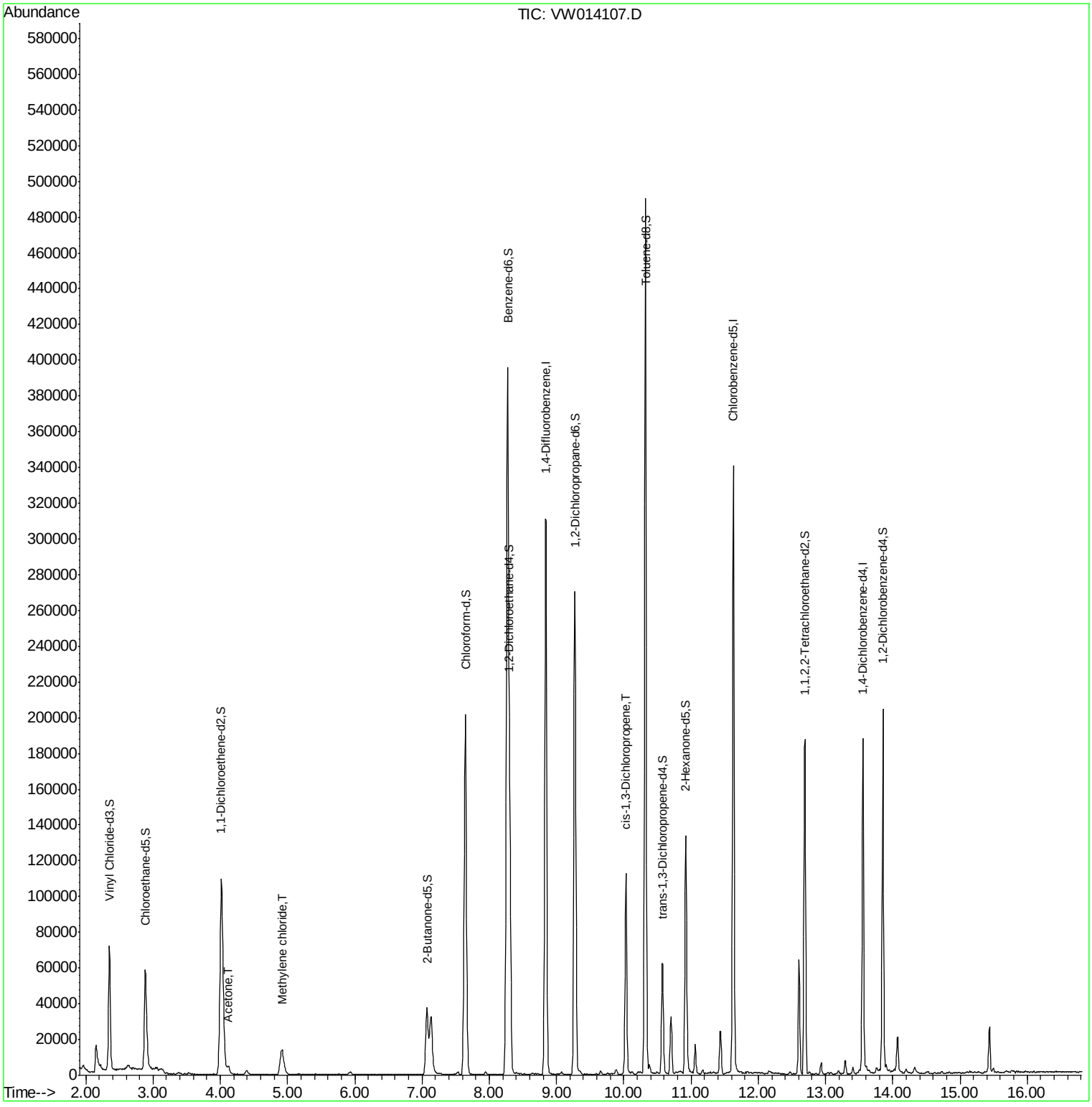
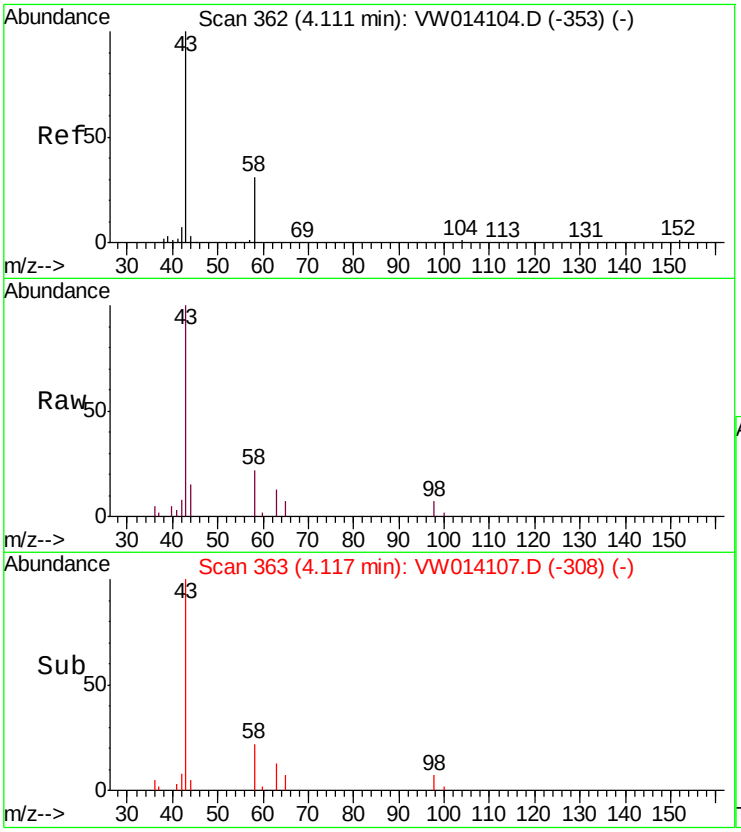
C0BM1

Quant Time: Nov 26 07:48:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration



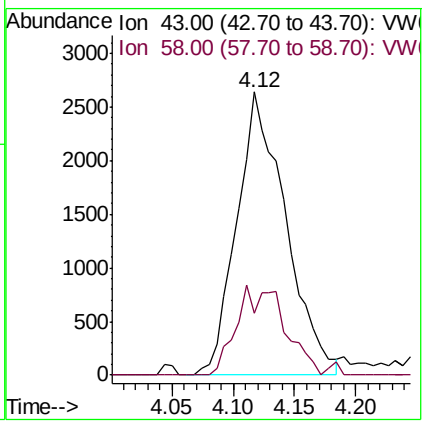


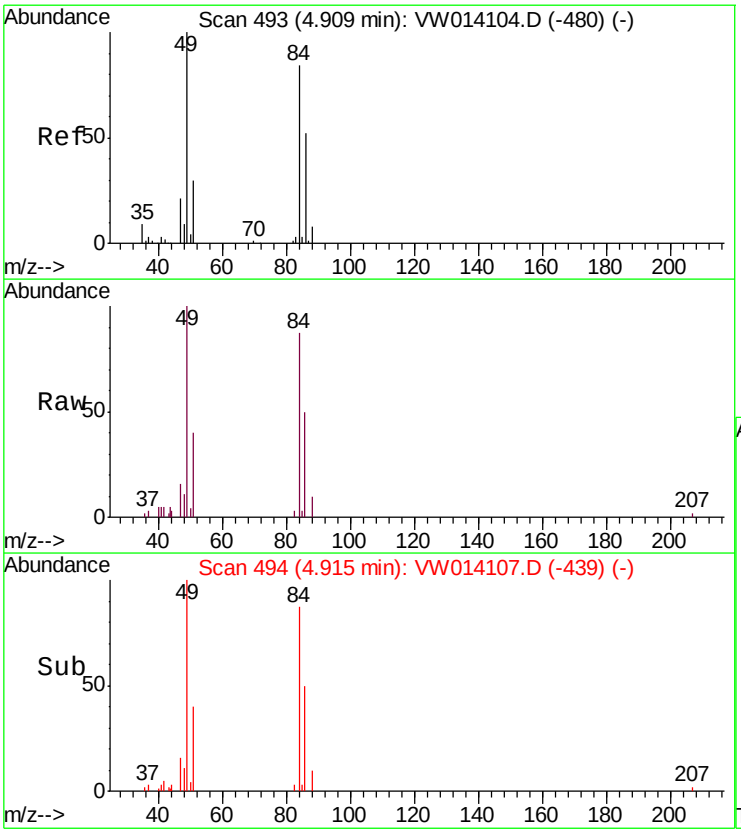

#13
Acetone
Concen: 5.571 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014107.D
Acq: 25 Nov 2019 13:01

**Instrument :** MSVOA_W
**ClientSampleId :** C0BM1

Tgt Ion: 43 Resp: 7343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 12.8 | 0.0 | 65.4 |

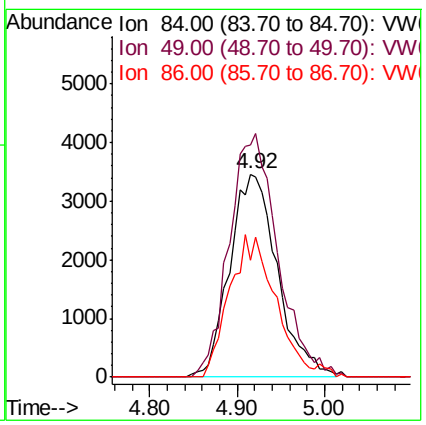


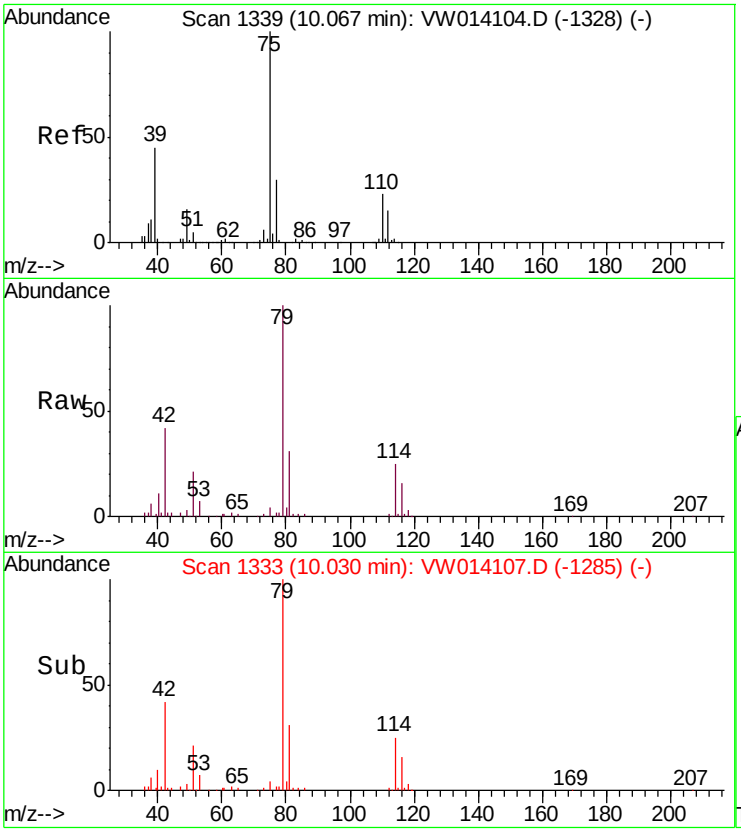




#16
Methylene chloride
Concen: 2.439 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014107.D
Acq: 25 Nov 2019 13:01

Tgt Ion: 84 Resp: 13120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 114.6 | 84.2 | 156.4 |
| 86 | 57.5 | 43.7 | 81.1 |






#42
cis-1,3-Dichloropropene
Concen: 0.449 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014107.D
Acq: 25 Nov 2019 13:01

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0BM1

Tgt Ion: 75 Resp: 2498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.6 | 22.1 | 41.1 |