Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
Data File : VW005803.D
Acq On : 03 Oct 2018 04:11
Operator : SY/AP
Sample : J5182-16
Misc : 3.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** JLC65

Quant Time: Oct 03 09:40:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 03 08:01:39 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 229285 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 226168 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 92800 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.36 | 65 | 44699 | 15.29 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 61.16% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 40470 | 17.75 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 71.00% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 81973 | 12.84 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 51.36% | | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 47245 | 50.35 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 100.70% | | | |
| 24) Chloroform-d | 7.65 | 84 | 153562 | 26.07 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 104.28% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 95649 | 26.81 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 107.24% | | | |
| 29) Benzene-d6 | 8.28 | 84 | 245353 | 21.91 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 87.64% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 85067 | 26.29 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 105.16% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 220598 | 19.96 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 79.84% | | | |
| 38) trans-1,3-Dichloropropene- | 10.59 | 79 | 35021 | 20.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 82.44% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 33850 | 44.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 89.34% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70 | 84 | 80726 | 25.68 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 102.72% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 85894 | 26.16 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 104.64% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.14 | 43 | 4980 | 5.096 | ug/L | 94 |
| 16) Methylene chloride | 4.91 | 84 | 16296 | 4.311 | ug/L | 98 |

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

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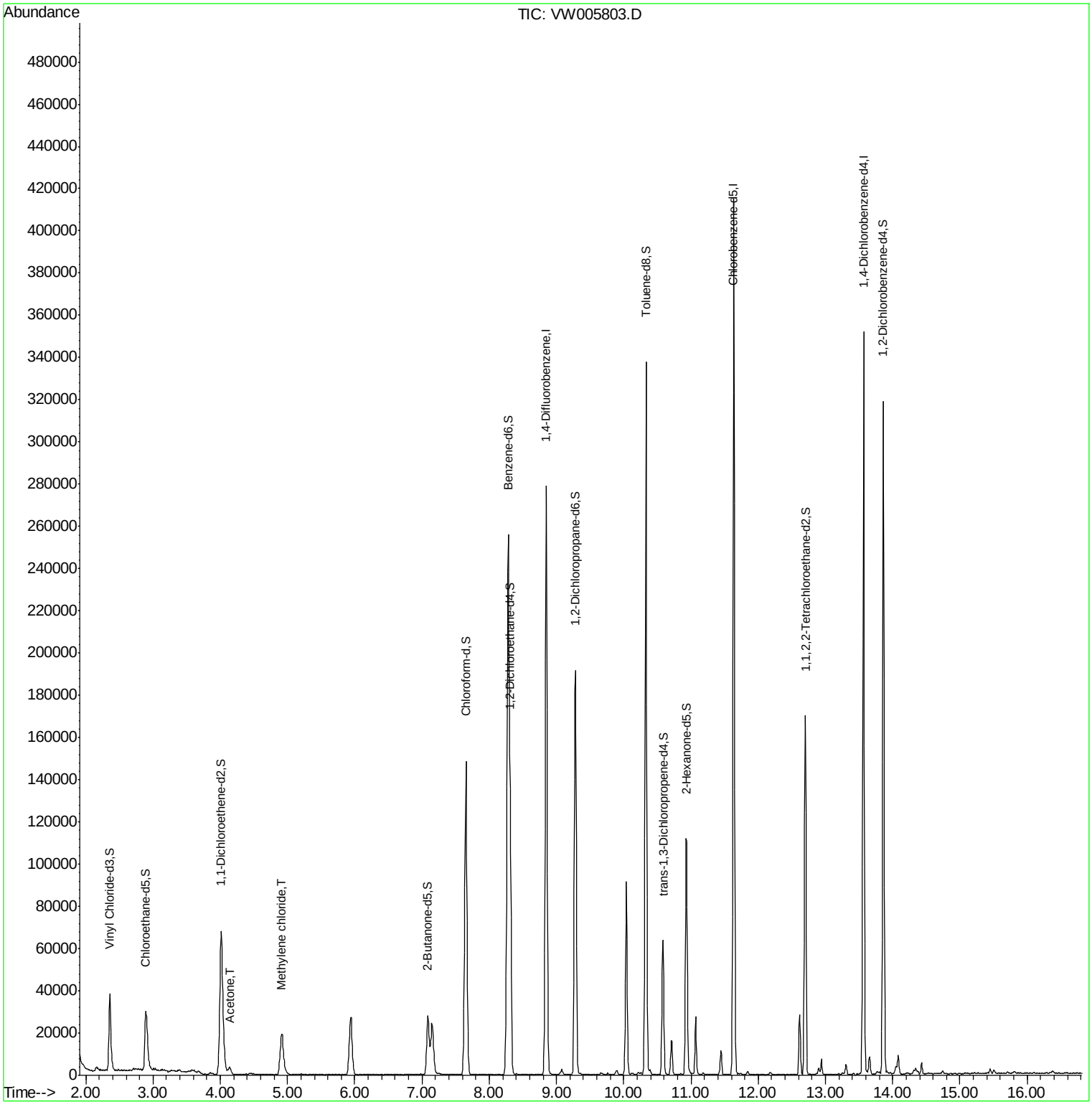
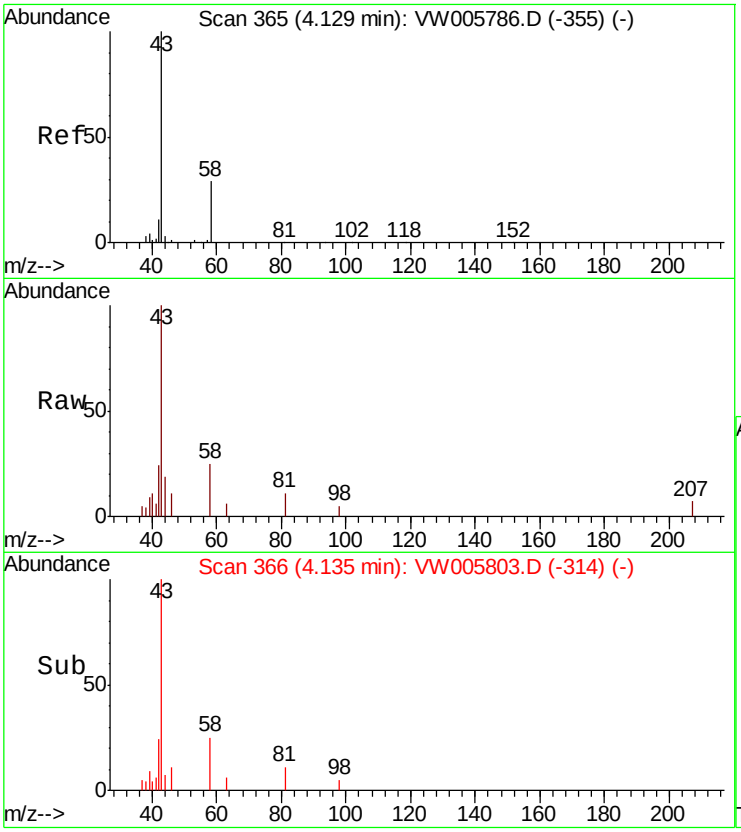


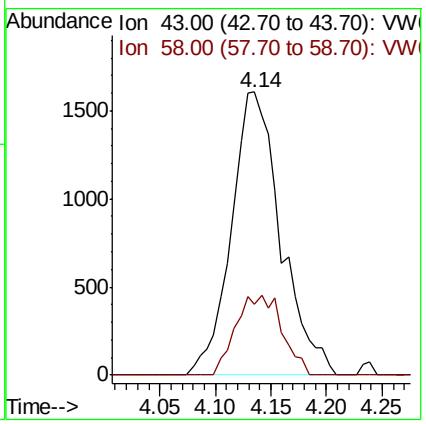


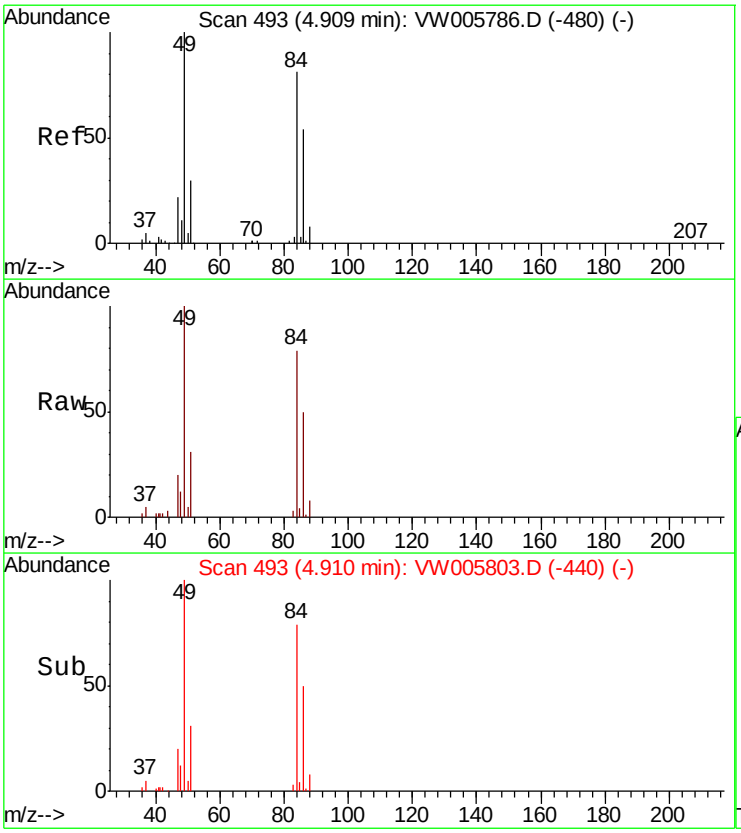

#13
Acetone
Concen: 5.096 ug/L
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW005803.D
Acq: 03 Oct 2018 04:11

**Instrument :** MSVOA_W
**ClientSampleId :** JLC65

Tgt Ion: 43 Resp: 4980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 18.6 | 0.0 | 31.8 |




#16
Methylene chloride
Concen: 4.311 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005803.D
Acq: 03 Oct 2018 04:11

Tgt Ion: 84 Resp: 16296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 126.6 | 87.2 | 162.0 |
| 86 | 63.0 | 43.2 | 80.2 |