Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082818\

Quantitation Report (Not Reviewed)

Data File : VW004981.D
Acq On : 28 Aug 2018 13:10
Operator : SY/AP
Sample : J4634-17
Misc : 6.83G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DB3J1

Quant Time: Aug 29 04:24:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 29 04:23:47 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 637664 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 672453 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 297091 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 235963 | 19.58 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 78.32% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 191657 | 21.45 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 85.80% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.15 | 63 | 159 | 0.01 | ug/L | 0.13 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 0.04%# | | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 88271 | 35.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 71.96% | | | |
| 24) Chloroform-d | 7.65 | 84 | 339417 | 23.98 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 95.92% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 190912 | 24.82 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 99.28% | | | |
| 29) Benzene-d6 | 8.28 | 84 | 750393 | 21.69 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 86.76% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 228978 | 22.53 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 90.12% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 804647 | 21.96 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 87.84% | | | |
| 38) trans-1,3-Dichloropropene- | 10.59 | 79 | 88880 | 20.33 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 81.32% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 86649 | 34.41 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 68.82% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70 | 84 | 210023 | 20.57 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 82.28% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 297087 | 24.89 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 99.56% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 4.93 | 84 | 29073 | 2.351 | ug/L | 95 |
| 49) 2-Hexanone | 10.93 | 43 | 11958 | 2.222 | ug/L # | 66 |

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

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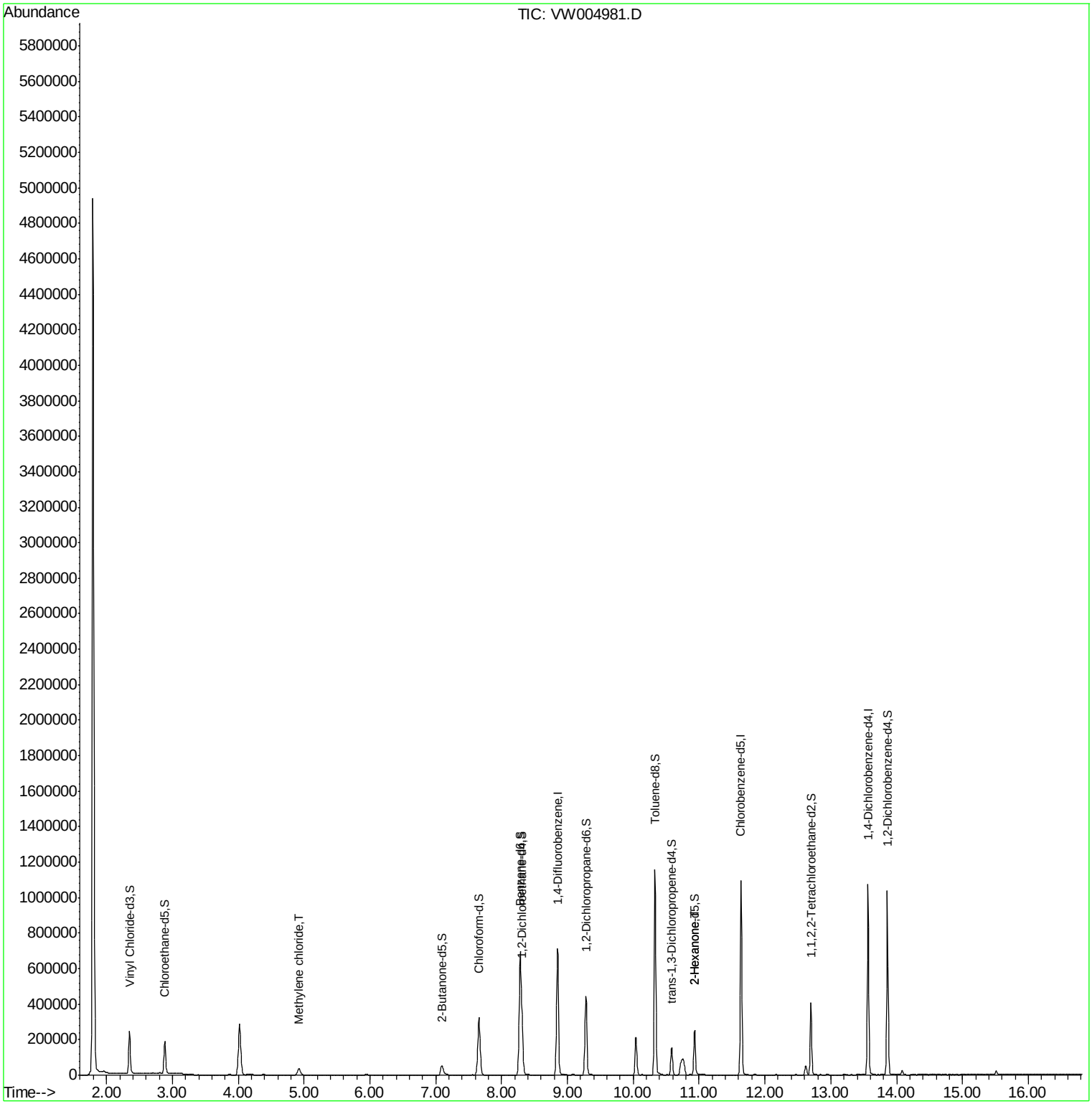
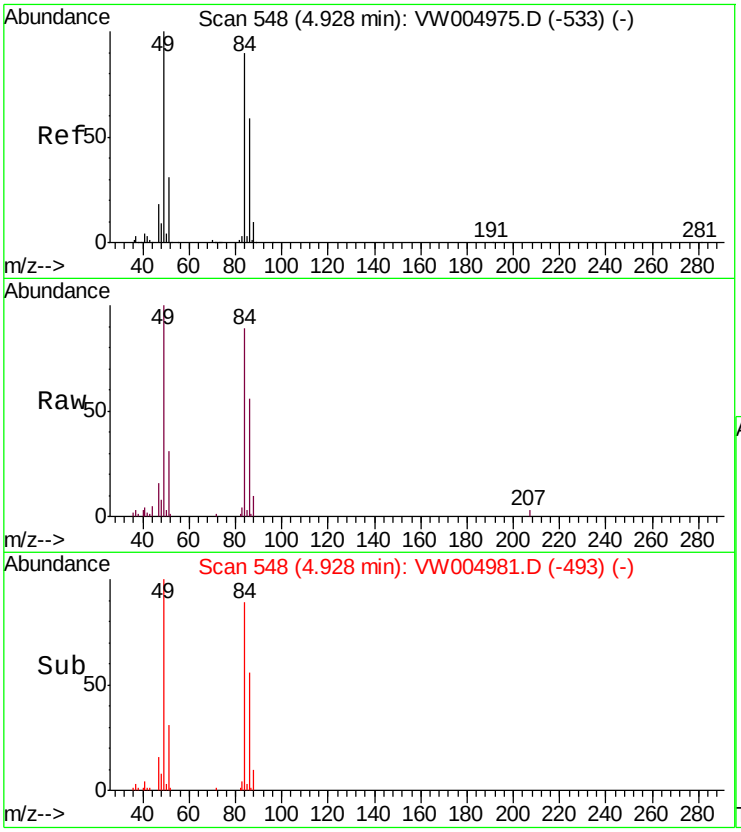
Operator : SY/AP
Sample : J4634-17
Misc : 6.83G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DB3J1

Quant Time: Aug 29 04:24:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 29 04:23:47 2018
Response via : Initial Calibration



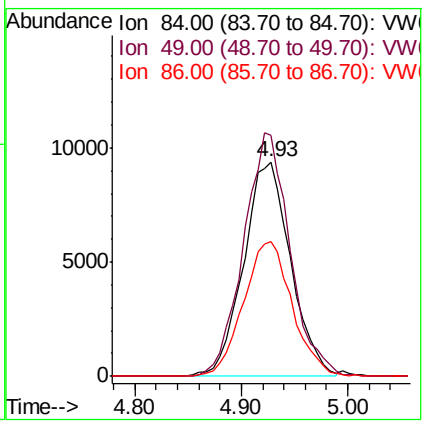


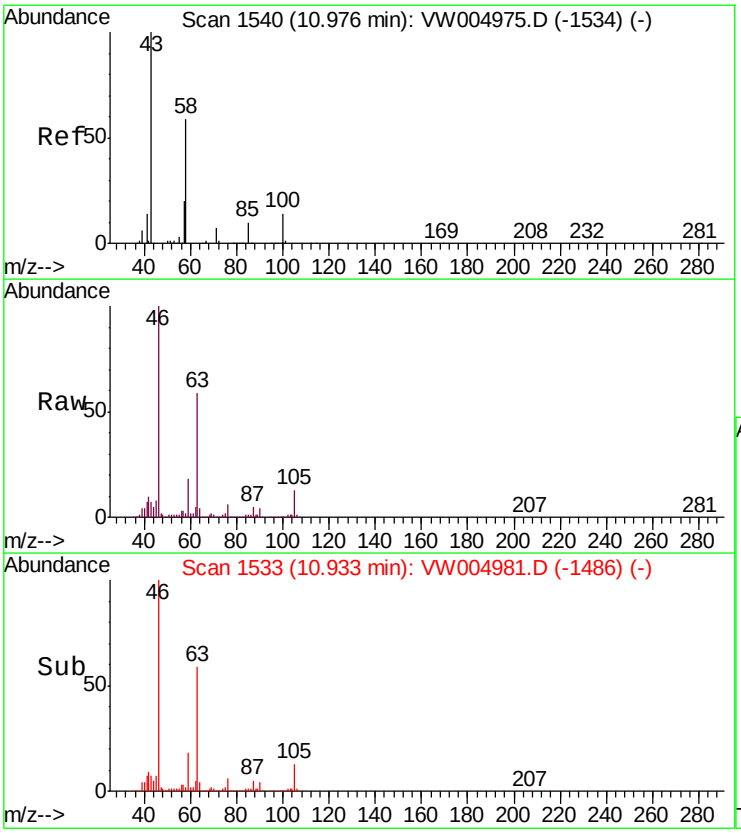

#16
Methylene chloride
Concen: 2.351 ug/L
RT: 4.93 min Scan# 548
Delta R.T. 0.01 min
Lab File: VW004981.D
Acq: 28 Aug 2018 13:10

**Instrument :** MSVOA_W
**ClientSampleId :** DB3J1

Tgt Ion: 84 Resp: 29073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 112.2 | 83.8 | 155.6 |
| 86 | 63.0 | 42.6 | 79.0 |




#49
2-Hexanone
Concen: 2.222 ug/L
RT: 10.93 min Scan# 1533
Delta R.T. -0.04 min
Lab File: VW004981.D
Acq: 28 Aug 2018 13:10

Tgt Ion: 43 Resp: 11958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.3 | 44.6 | 67.0# |
| 57 | 31.8 | 15.4 | 23.2# |
| 100 | 1.8 | 9.6 | 14.4# |