Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052418\
Data File : VW002840.D
Acq On : 24 May 2018 12:08
Operator : JC/SY
Sample : J3059-05
Misc : 4.89G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:56:05 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Fri May 25 07:55:38 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 210258 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.64 | 117 | 144320 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 40435 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.34 | 65 | 77303 | 28.66 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 114.64% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 69164 | 28.68 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 114.72% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.00 | 63 | 92648 | 19.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 78.44% | | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 72669 | 66.06 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 132.12% | | | |
| 24) Chloroform-d | 7.65 | 84 | 149367 | 29.63 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 118.52% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 91336 | 30.01 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 120.04% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 259856 | 37.86 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 151.44%# | | | |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 90048 | 40.60 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 162.40%# | | | |
| 37) Toluene-d8 | 10.33 | 98 | 201539 | 29.75 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 119.00% | | | |
| 38) trans-1,3-Dichloropropene- | 10.59 | 79 | 22705 | 21.40 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 85.60% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 41576 | 66.06 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 132.12% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70 | 84 | 73142 | 30.09 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 120.36%# | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.87 | 152 | 41955 | 28.23 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 112.92% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.12 | 43 | 13354 | 13.72 | ug/L | 98 |
| 14) Carbon disulfide | 4.37 | 76 | 173055 | 22.28 | ug/L | 98 |

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

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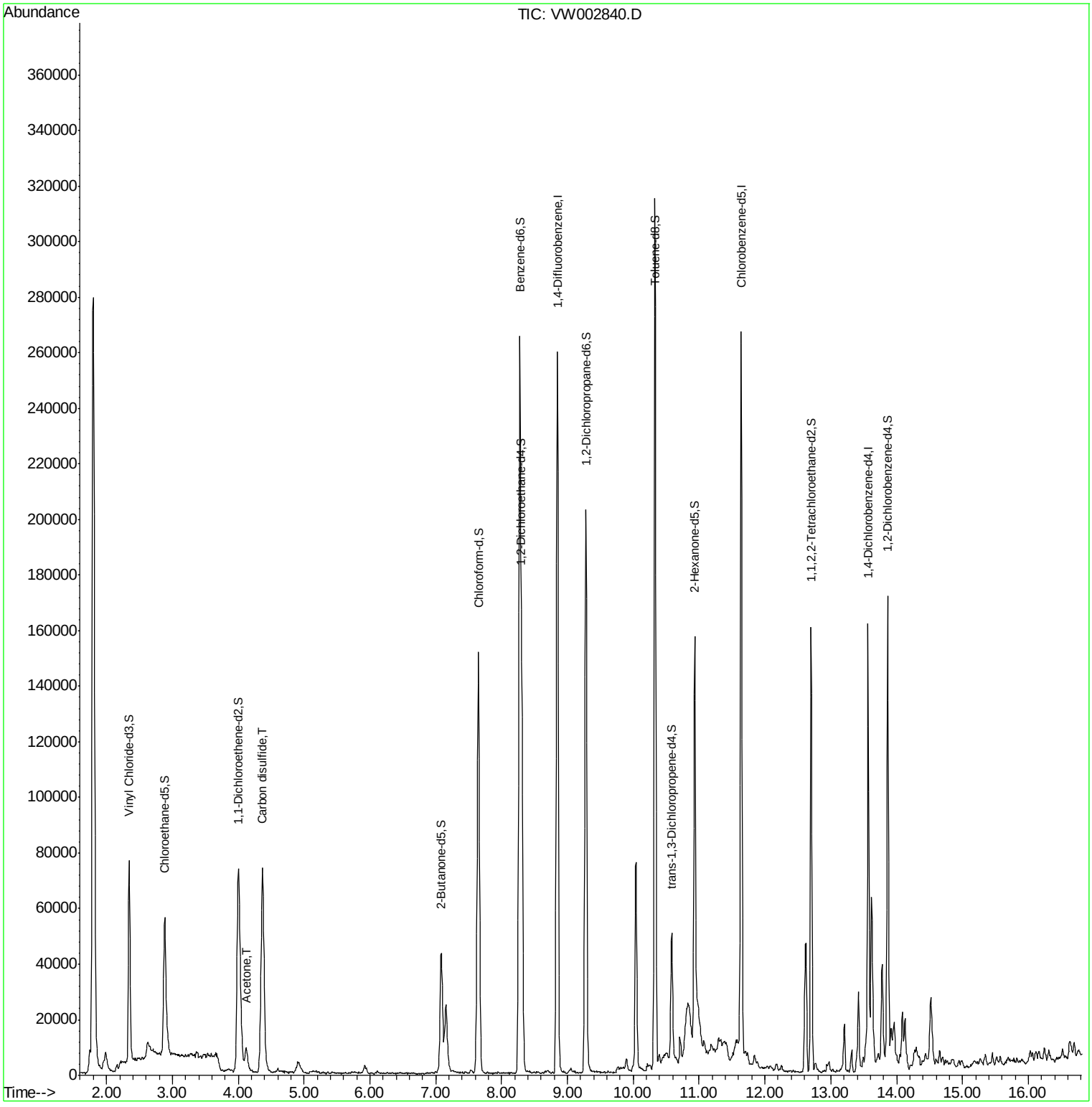
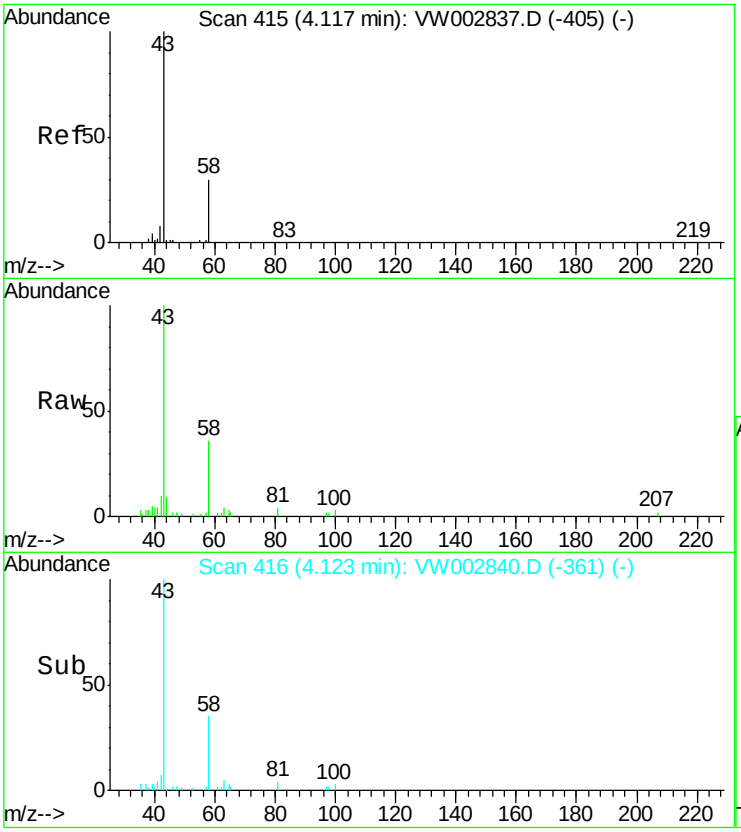
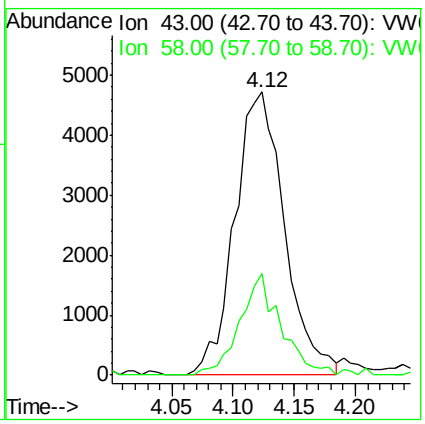


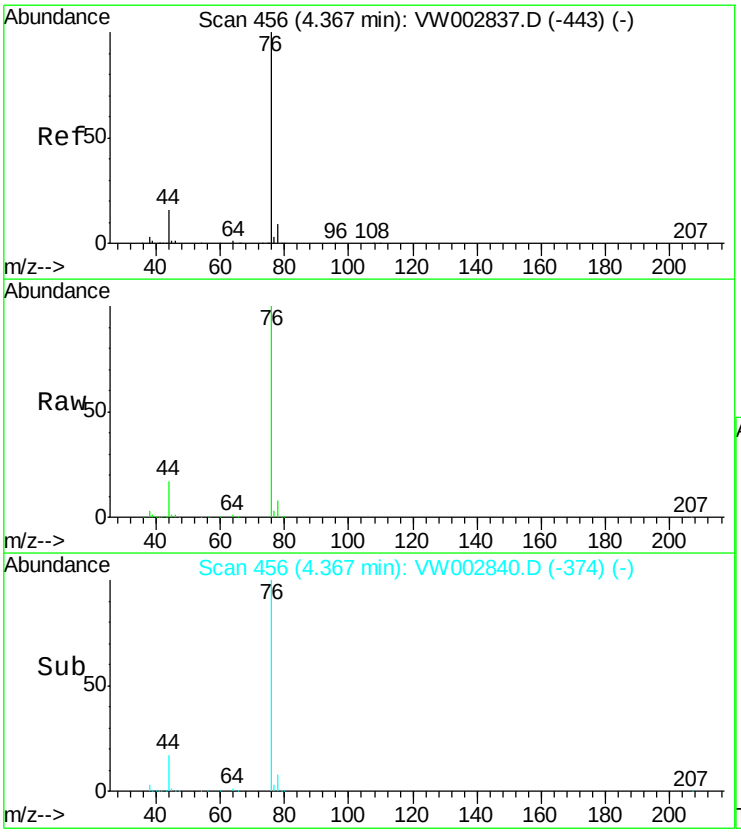



#13
Acetone
Concen: 13.72 ug/L
RT: 4.12 min Scan# 416
Delta R.T. 0.01 min
Lab File: VW002840.D
Acq: 24 May 2018 12:08

Tgt Ion: 43 Resp: 13354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.9 | 0.0 | 59.8 |




#14
Carbon disulfide
Concen: 22.28 ug/L
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW002840.D
Acq: 24 May 2018 12:08

Tgt Ion: 76 Resp: 173055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.3 | 7.4 | 11.0 |