Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
Data File : VU023983.D
Acq On : 21 May 2018 21:36
Operator : MD/SY
Sample : J3031-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 22 02:02:46 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 02:00:12 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 265248 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 268965 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 119541 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 65266 | 26.48 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 52.96%# | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 61930 | 31.89 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 63.78%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 104259 | 23.05 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 46.10%# | | | |
| 21) 2-Butanone-d5 | 4.18 | 46 | 177800 | 103.66 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 103.66% | | | |
| 24) Chloroform-d | 4.65 | 84 | 151669 | 40.32 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 80.64% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 106764 | 43.13 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 86.26% | | | |
| 32) Benzene-d6 | 5.35 | 84 | 287134 | 36.57 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 73.14% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.34 | 67 | 108313 | 40.84 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 81.68% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 247239 | 34.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 68.36%# | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 40238 | 36.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 72.14% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 116271 | 95.12 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 95.12% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44 | 84 | 162418 | 43.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 86.98% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.87 | 152 | 105174 | 40.74 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 81.48% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.32 | 43 | 4416 | 2.56 | ug/L | 97 |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 14453 | 4.25 | ug/L | 94 |

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

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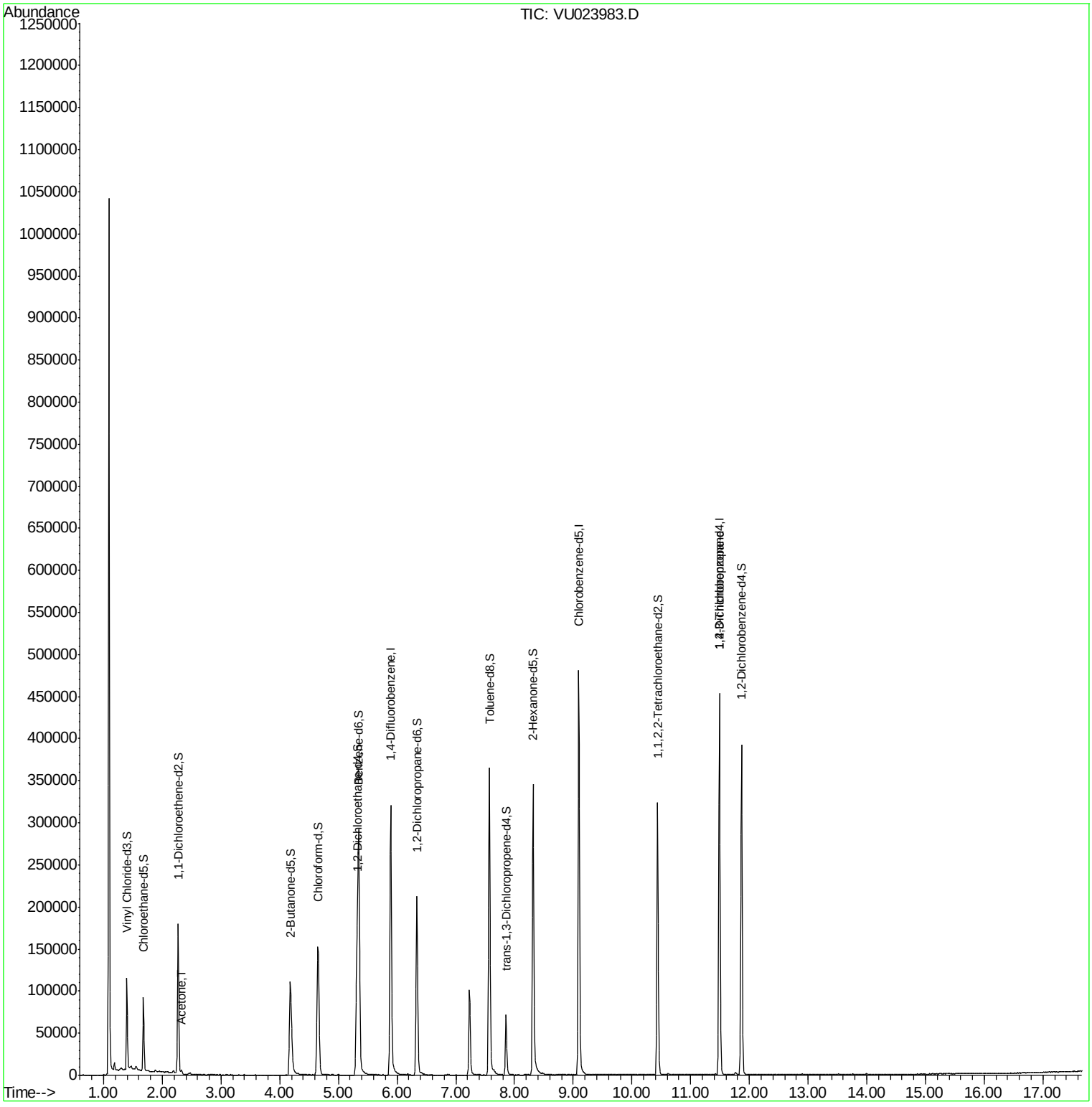
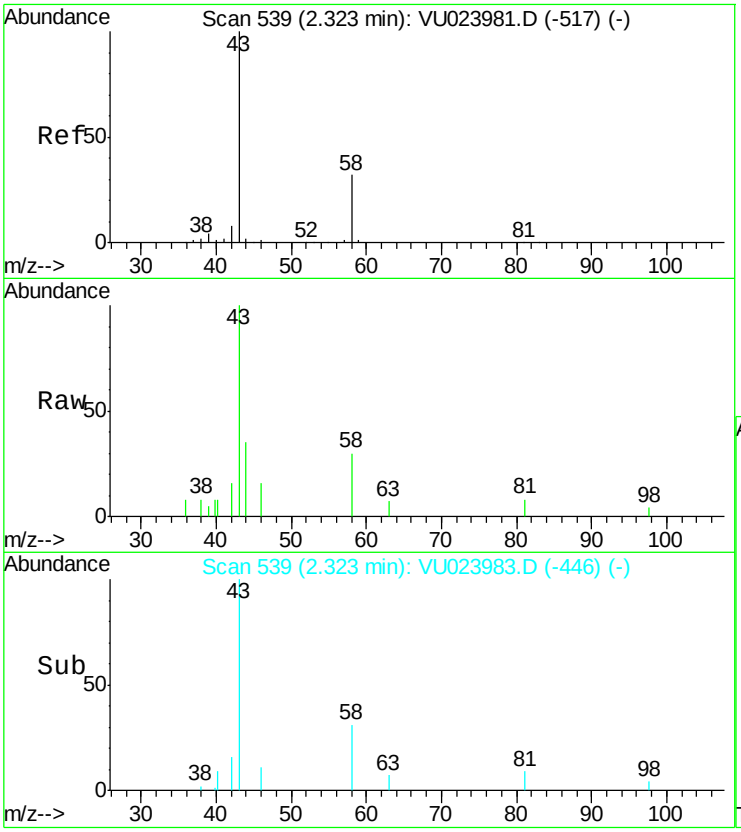
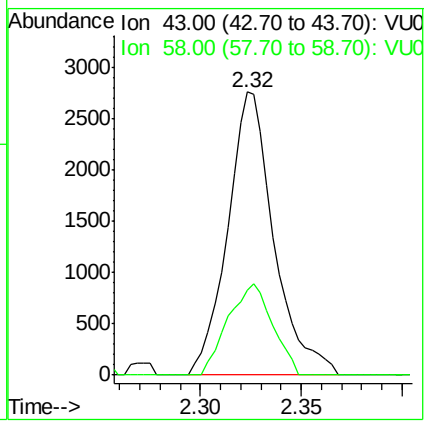


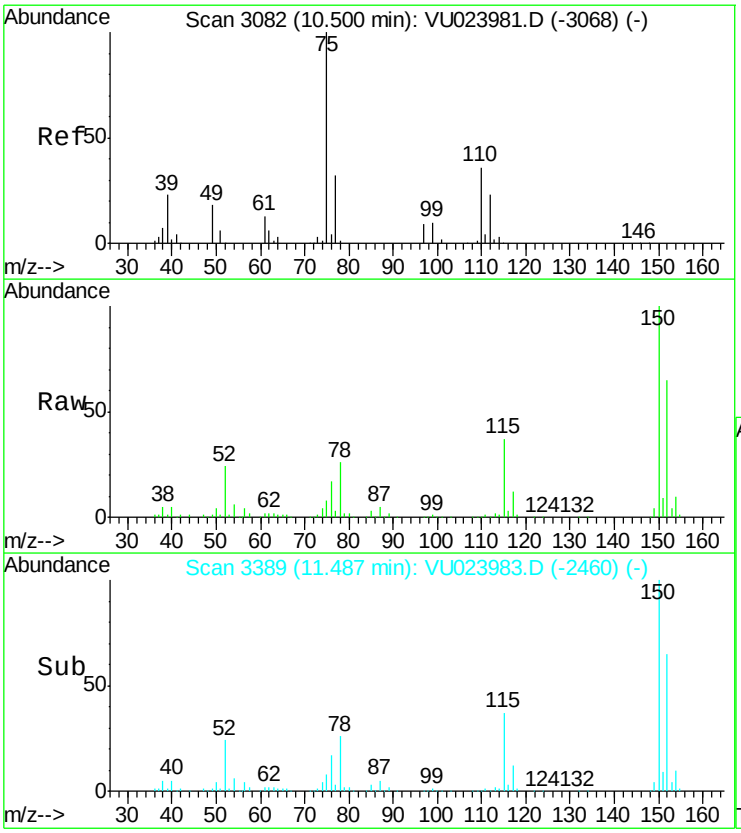



#13
Acetone
Concen: 2.56 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU023983.D
Acq: 21 May 2018 21:36

Tgt Ion: 43 Resp: 4416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.2 | 0.0 | 65.6 |




#59
1,2,3-Trichloropropane
Concen: 4.25 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU023983.D
Acq: 21 May 2018 21:36

Tgt Ion: 75 Resp: 14453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.3 | 26.2 | 39.4 |