Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
Data File : VU023966.D
Acq On : 21 May 2018 12:24
Operator : MD/SY
Sample : J3032-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 22 01:06:25 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 01:05:00 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 287149 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 288407 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 130858 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 95993 | 35.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 71.96% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 86329 | 41.06 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 82.12% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 149472 | 30.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 61.06% | | | |
| 21) 2-Butanone-d5 | 4.18 | 46 | 180680 | 97.30 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 97.30% | | | |
| 24) Chloroform-d | 4.65 | 84 | 191930 | 47.13 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.26% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 134983 | 50.37 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 100.74% | | | |
| 32) Benzene-d6 | 5.35 | 84 | 383047 | 45.50 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.34 | 67 | 129966 | 45.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 91.40% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 338876 | 43.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 87.38% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 53856 | 45.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 90.06% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 123232 | 94.01 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 94.01% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44 | 84 | 182556 | 45.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 91.18% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.87 | 152 | 141870 | 50.20 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 100.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.32 | 43 | 8280 | 4.43 | ug/L | 95 |
| 48) 2-Hexanone | 8.31 | 43 | 15151 | 4.72 | ug/L # | 67 |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 15938 | 4.37 | ug/L | 91 |

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

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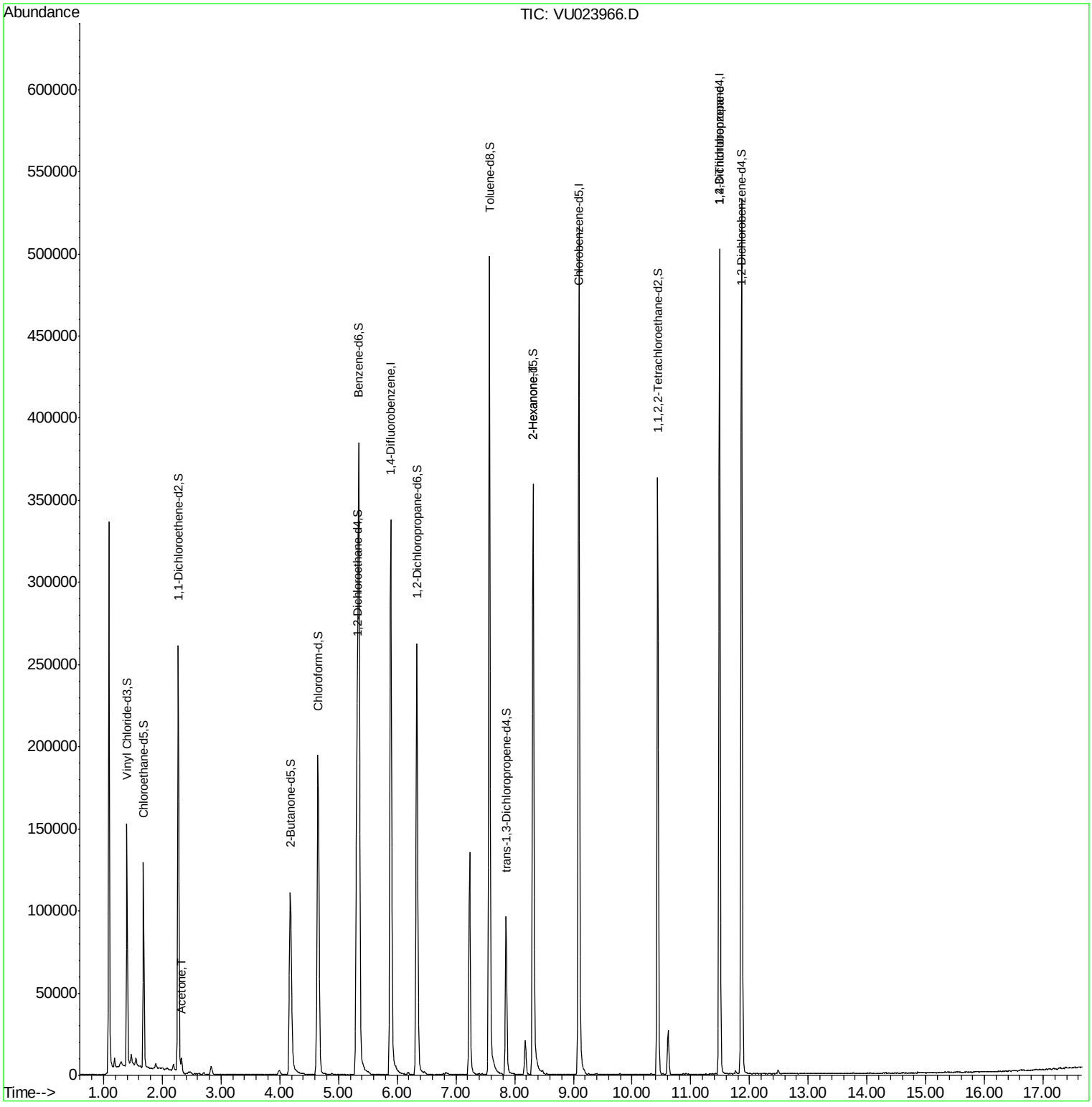
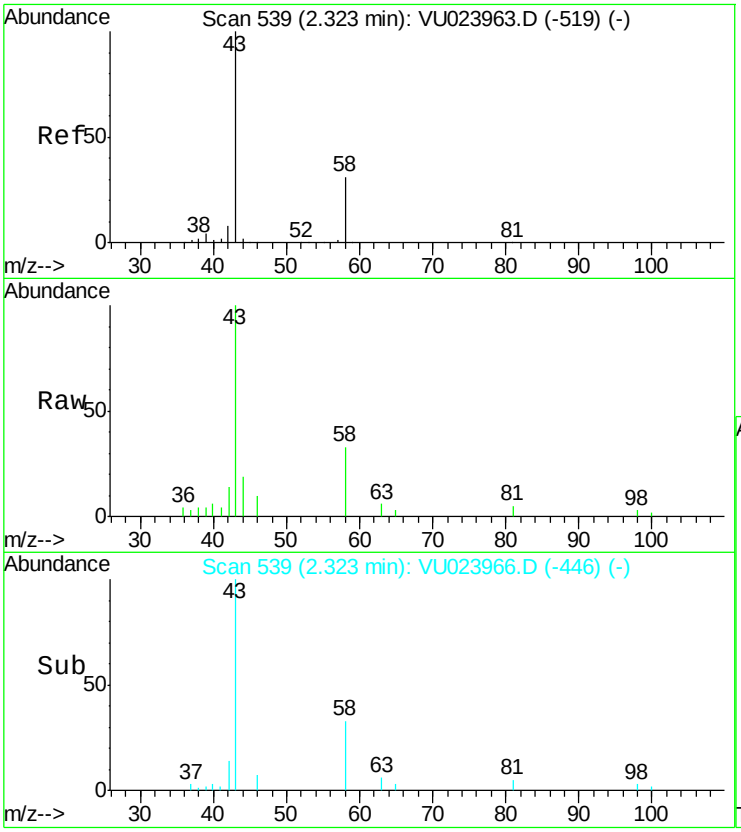
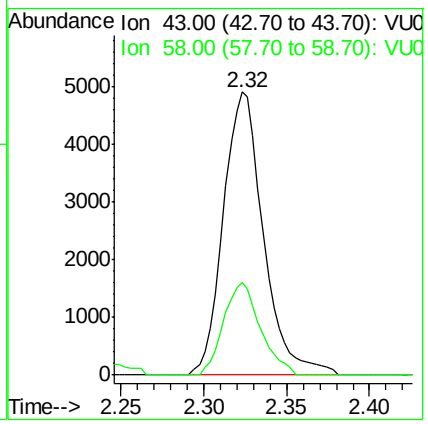


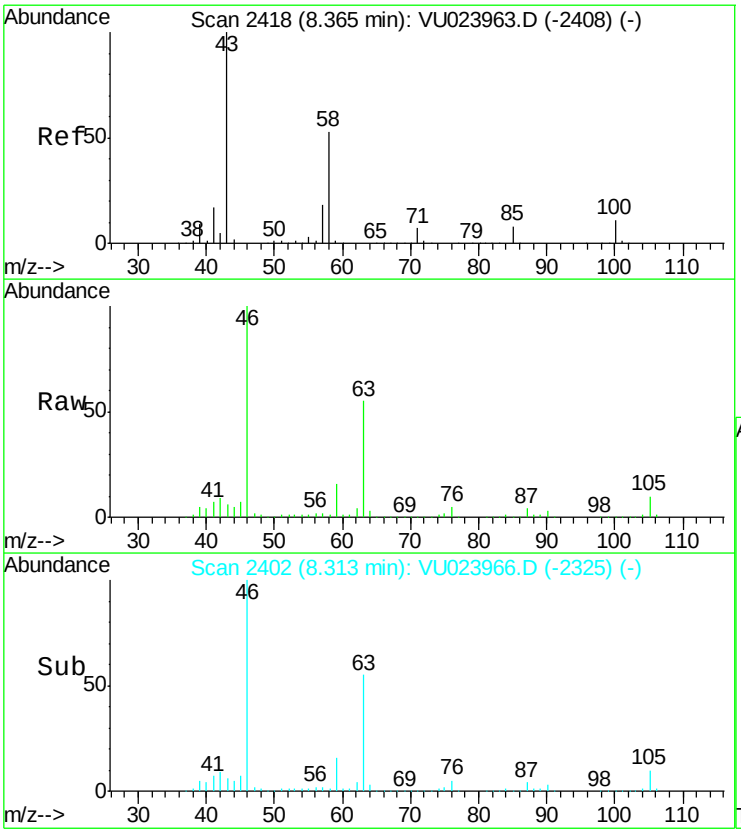



#13
Acetone
Concen: 4.43 ug/L
RT: 2.32 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU023966.D
Acq: 21 May 2018 12:24

Tgt Ion: 43 Resp: 8280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.0 | 0.0 | 65.6 |

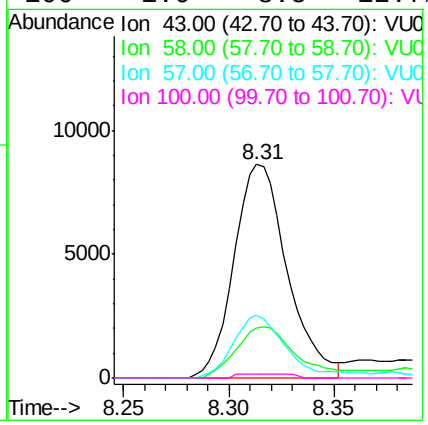


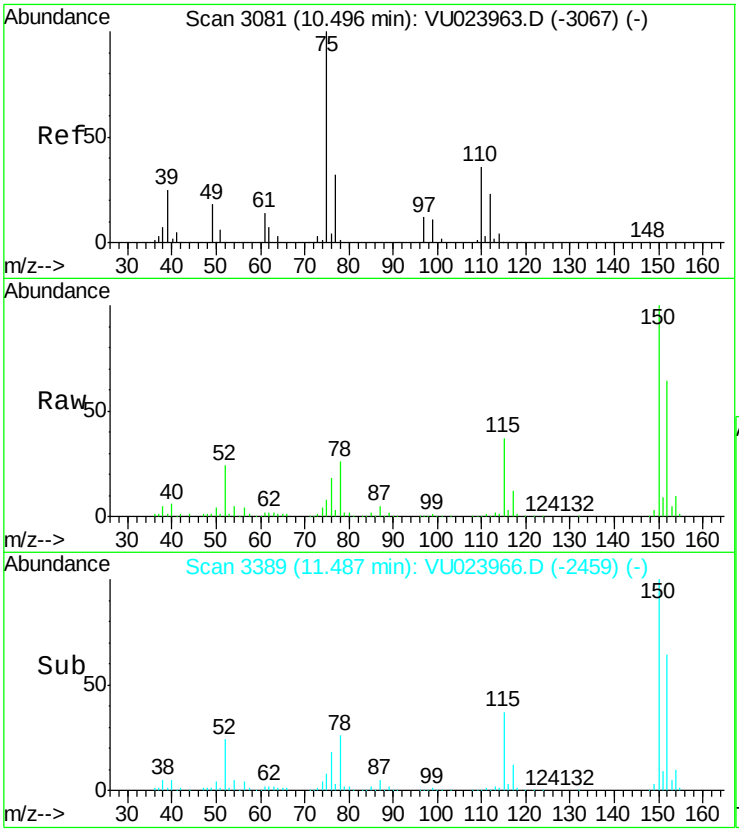




#48
2-Hexanone
Concen: 4.72 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU023966.D
Acq: 21 May 2018 12:24

Tgt Ion: 43 Resp: 15151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.6 | 42.6 | 63.8# |
| 57 | 29.2 | 14.9 | 22.3# |
| 100 | 1.0 | 8.5 | 12.7# |






#59
1,2,3-Trichloropropane
Concen: 4.37 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU023966.D
Acq: 21 May 2018 12:24

Tgt Ion: 75 Resp: 15938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.9 | 26.2 | 39.4 |