Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
Data File : VU023965.D
Acq On : 21 May 2018 11:45
Operator : MD/SY
Sample : VU0521MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 22 01:06:11 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 | 292268 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 290945 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 136122 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 97898 | 36.05 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 72.10% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 87253 | 40.77 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 81.54% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 149831 | 30.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 60.14% | | | |
| 21) 2-Butanone-d5 | 4.18 | 46 | 198753 | 105.16 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 105.16% | | | |
| 24) Chloroform-d | 4.65 | 84 | 195772 | 47.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.46% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 137621 | 50.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 100.92% | | | |
| 32) Benzene-d6 | 5.35 | 84 | 384029 | 45.22 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.44% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.34 | 67 | 141224 | 49.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 98.46% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 346413 | 44.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 88.54% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 57480 | 47.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 95.28% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 128167 | 96.93 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 96.93% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44 | 84 | 193243 | 47.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 95.66% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.87 | 152 | 142677 | 48.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 97.06% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 48) 2-Hexanone | 8.31 | 43 | 16340 | 5.04 | ug/L # | 68 |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 16942 | 4.61 | ug/L | 92 |

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

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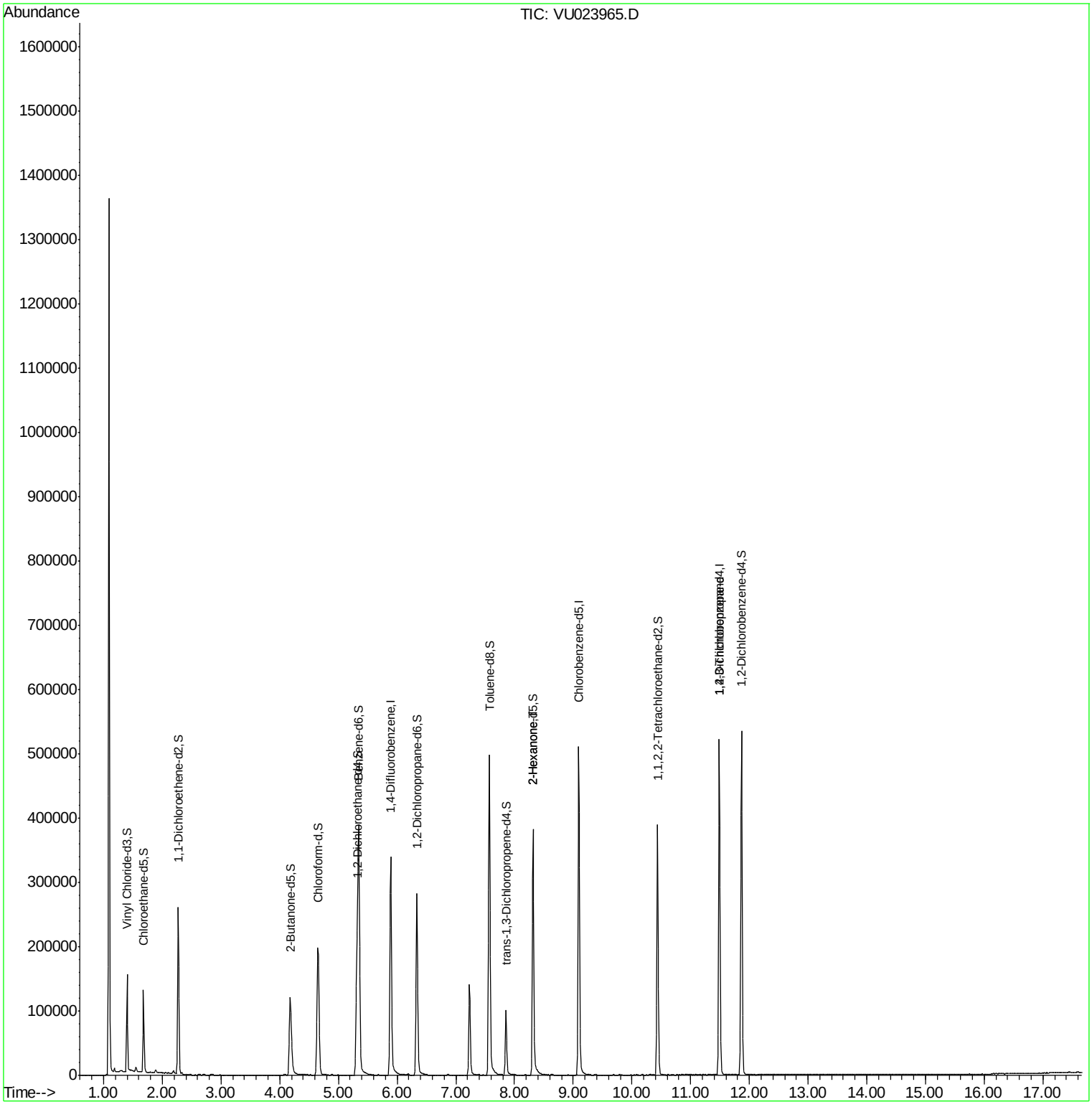
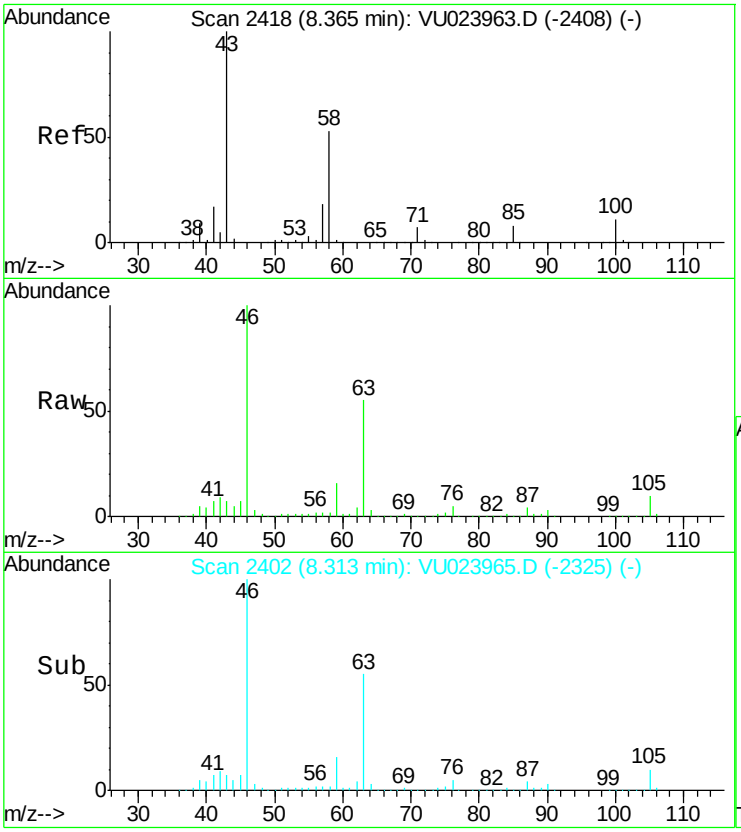
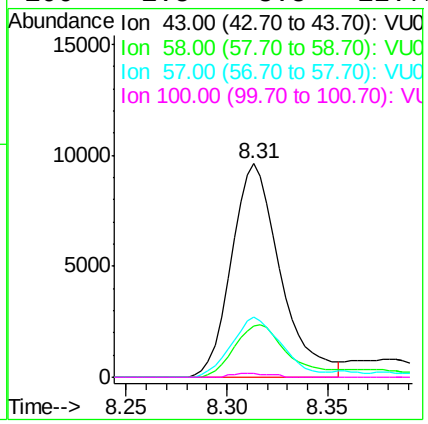


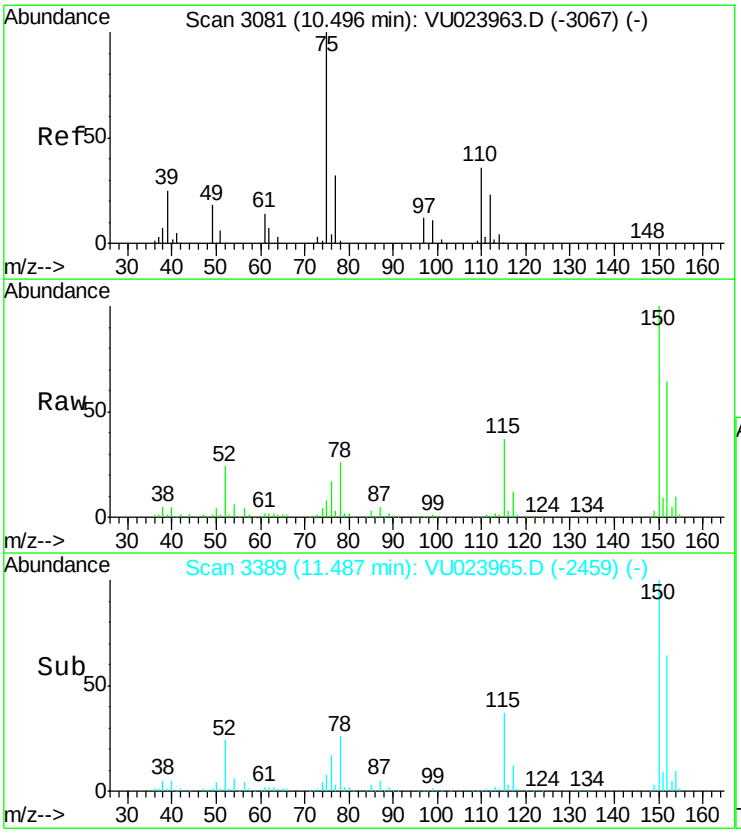



#48
2-Hexanone
Concen: 5.04 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU023965.D
Acq: 21 May 2018 11:45

Tgt Ion: 43 Resp: 16340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.3 | 42.6 | 63.8# |
| 57 | 28.7 | 14.9 | 22.3# |
| 100 | 1.5 | 8.5 | 12.7# |




#59
1,2,3-Trichloropropane
Concen: 4.61 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU023965.D
Acq: 21 May 2018 11:45

Tgt Ion: 75 Resp: 16942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.5 | 26.2 | 39.4 |