Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050218\
Data File : VU023584.D
Acq On : 02 May 2018 17:52
Operator : MD/SY
Sample : J2558-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 03 05:28:45 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 03 05:16:38 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 338370 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 322909 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 155111 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 93388 | 38.94 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 77.88% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 75706 | 41.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 82.84% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 141526 | 30.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 60.54% | | | |
| 21) 2-Butanone-d5 | 4.18 | 46 | 207237 | 125.07 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 125.07% | | | |
| 24) Chloroform-d | 4.65 | 84 | 193156 | 48.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 132138 | 47.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.82% | | | |
| 32) Benzene-d6 | 5.35 | 84 | 394326 | 45.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.02% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.34 | 67 | 138109 | 47.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 95.18% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 350581 | 43.89 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 87.78% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 58746 | 47.02 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 94.04% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 144154 | 130.81 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 130.81%# | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44 | 84 | 193988 | 51.68 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 103.36% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.87 | 152 | 145003 | 47.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.84% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 48) 2-Hexanone | 8.31 | 43 | 17592 | 5.07 | ug/L # | 66 |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 19234 | 5.34 | ug/L | 94 |

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

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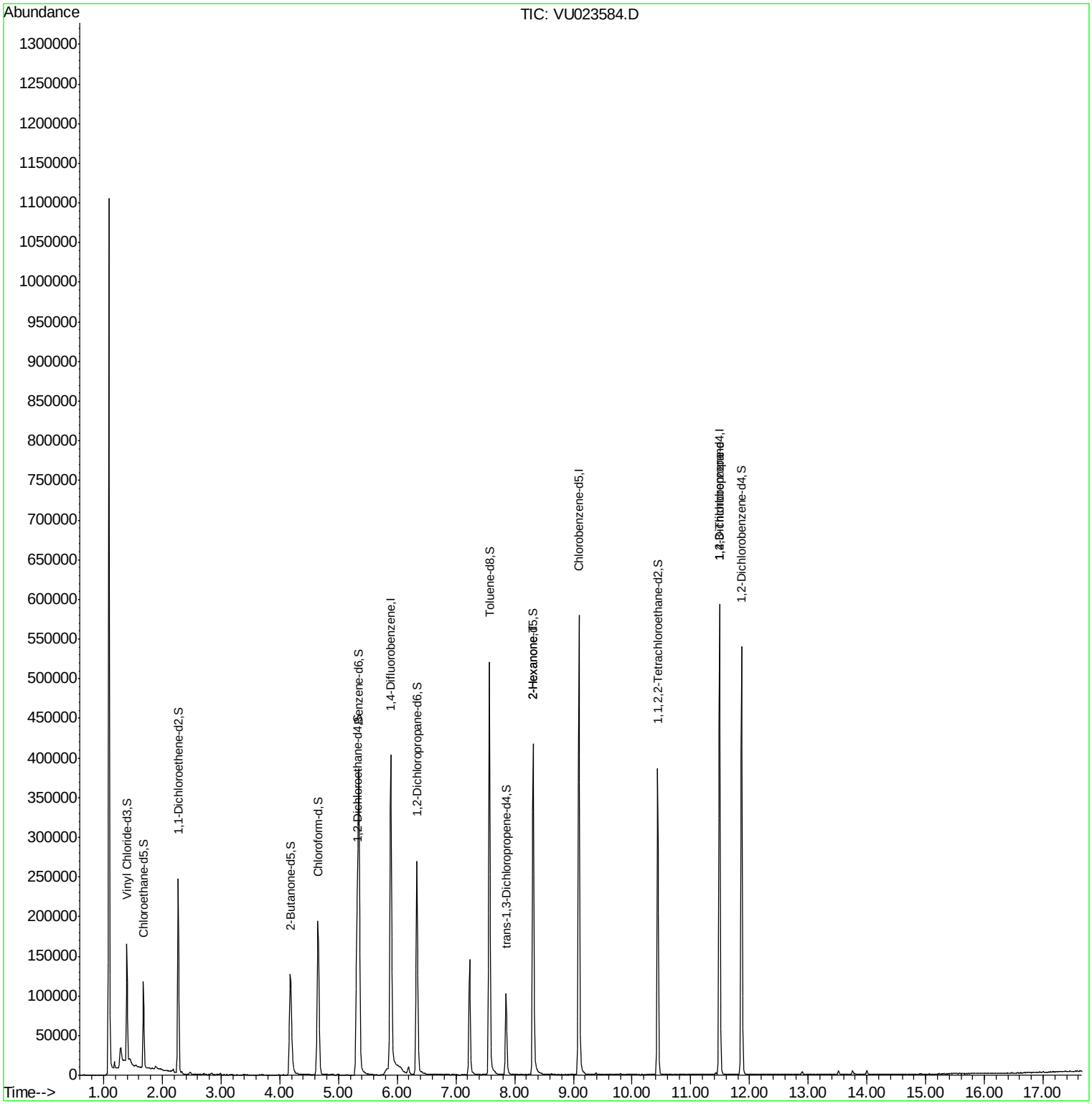
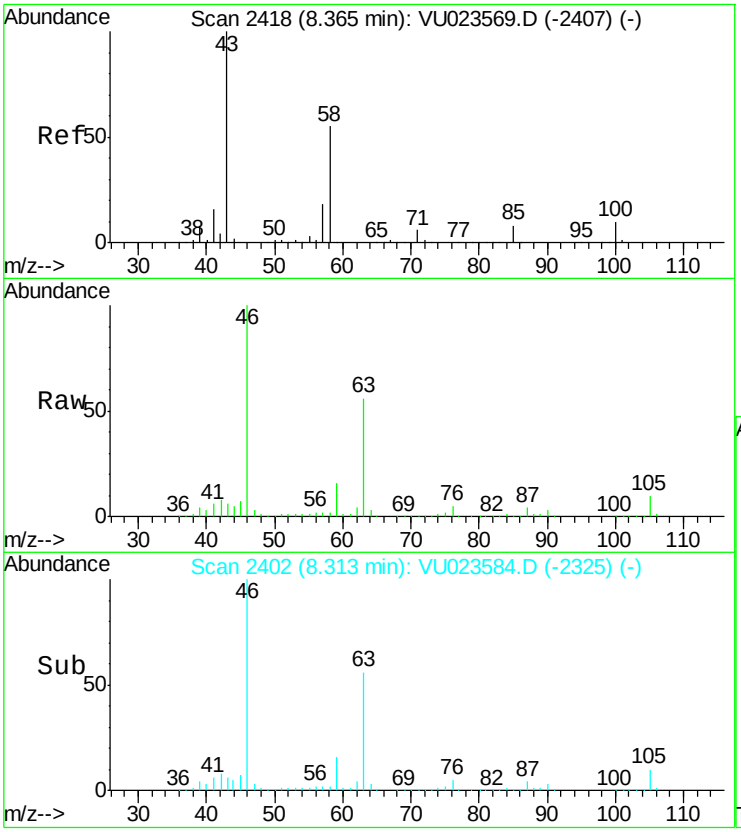
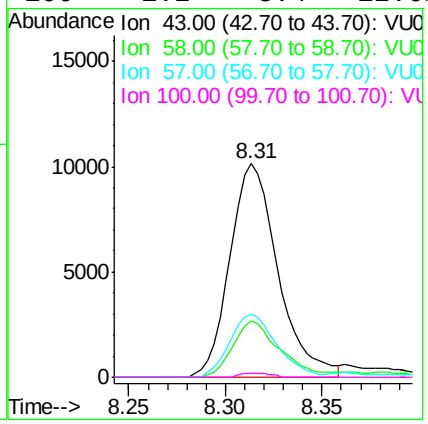


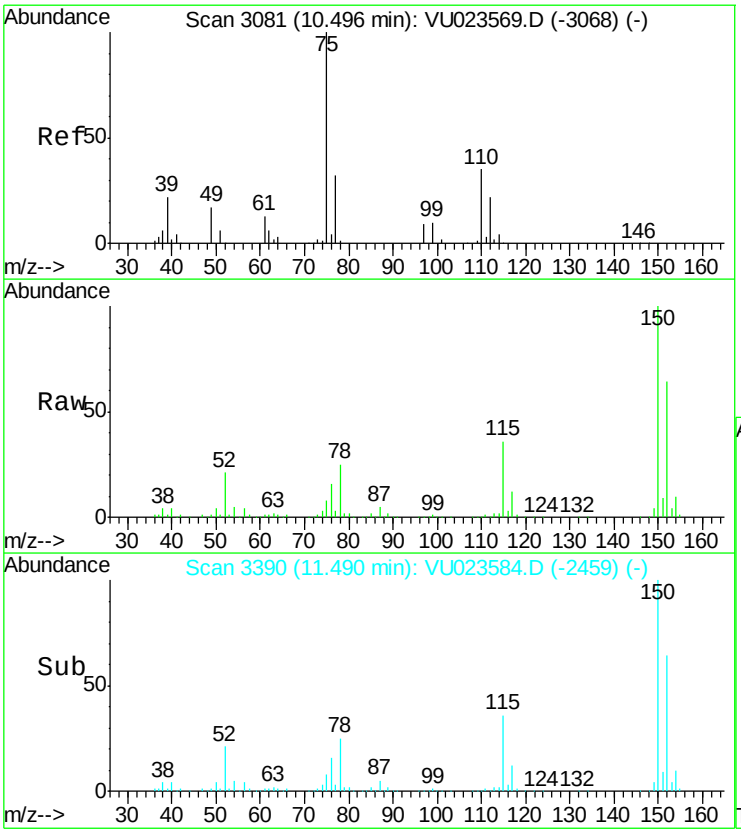



#48
2-Hexanone
Concen: 5.07 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU023584.D
Acq: 02 May 2018 17:52

Tgt Ion: 43 Resp: 17592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.9 | 43.0 | 64.6# |
| 57 | 28.8 | 14.6 | 22.0# |
| 100 | 1.2 | 8.4 | 12.6# |




#59
1,2,3-Trichloropropane
Concen: 5.34 ug/L
RT: 11.49 min Scan# 3390
Delta R.T. 0.99 min
Lab File: VU023584.D
Acq: 02 May 2018 17:52

Tgt Ion: 75 Resp: 19234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.7 | 25.9 | 38.9 |