Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050118\

Quantitation Report (Not Reviewed)

Data File : VU023559.D
Acq On : 01 May 2018 17:37
Operator : MD/SY
Sample : VLEB#01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 02 03:15:23 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 02 03:12:05 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 318009 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 306972 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 146670 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 101396 | 44.99 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 89.98% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 81258 | 47.30 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 94.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 151666 | 34.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 69.02% | | | |
| 21) 2-Butanone-d5 | 4.18 | 46 | 173284 | 111.28 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 111.28% | | | |
| 24) Chloroform-d | 4.65 | 84 | 190270 | 51.05 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 102.10% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 127544 | 49.20 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.40% | | | |
| 32) Benzene-d6 | 5.35 | 84 | 393366 | 47.76 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.52% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.34 | 67 | 137544 | 49.86 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 99.72% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 360785 | 47.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.02% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 55538 | 46.76 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 93.52% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 119570 | 114.13 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 114.13% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44 | 84 | 175209 | 49.10 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 98.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 146809 | 51.31 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 102.62% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 48) 2-Hexanone | 8.31 | 43 | 13921 | 4.22 | ug/L | # 68 |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 17836 | 5.21 | ug/L | 95 |

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

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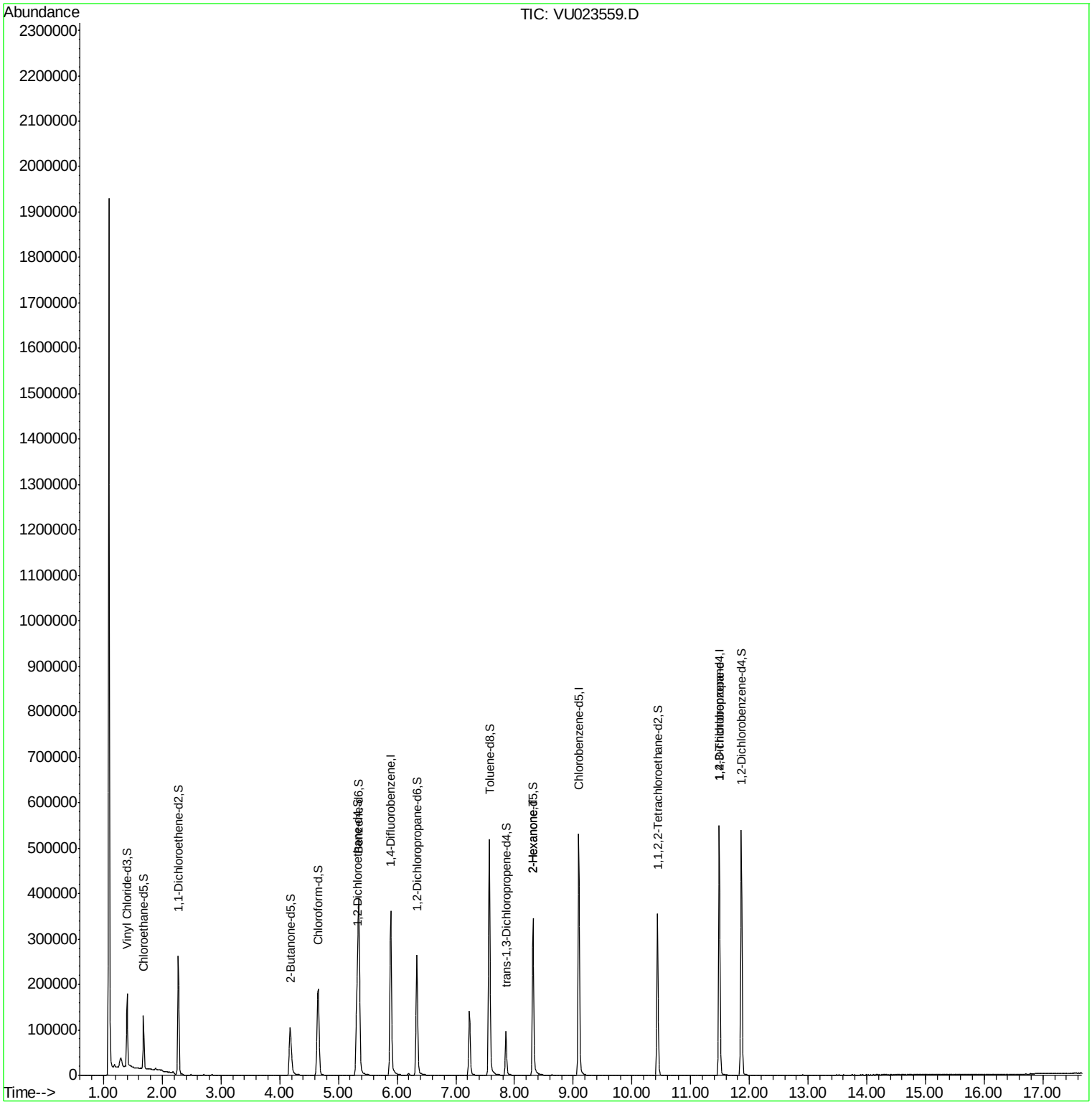
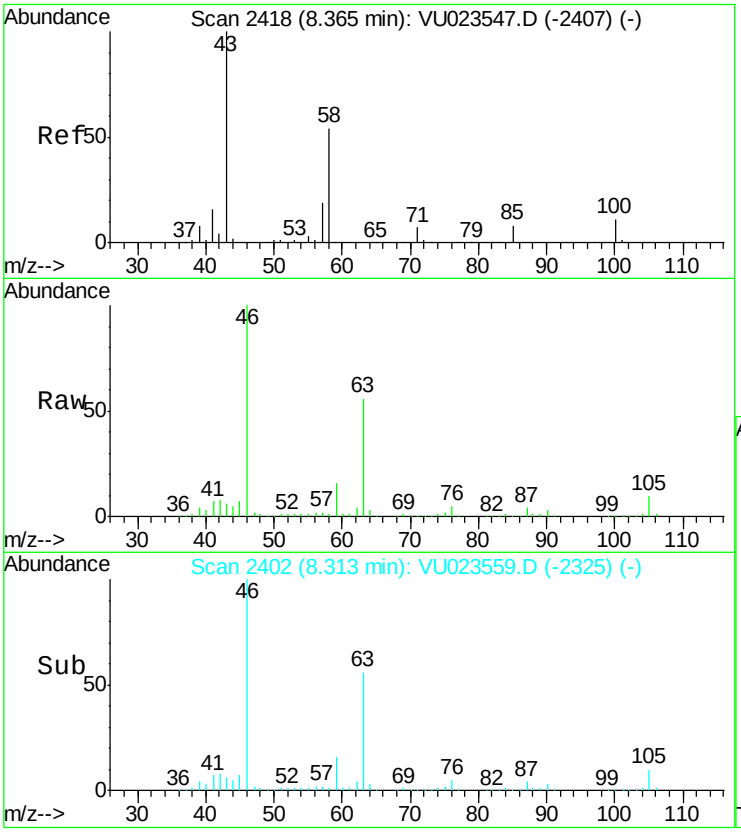
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 02 03:12:05 2018
Response via : Initial Calibration

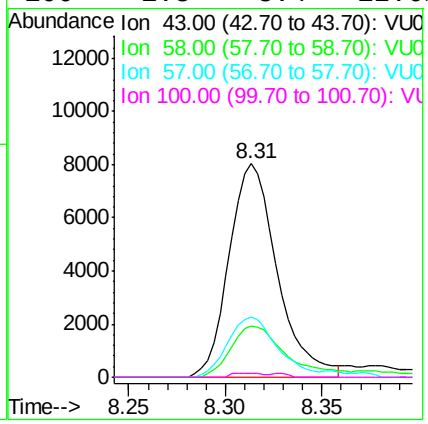


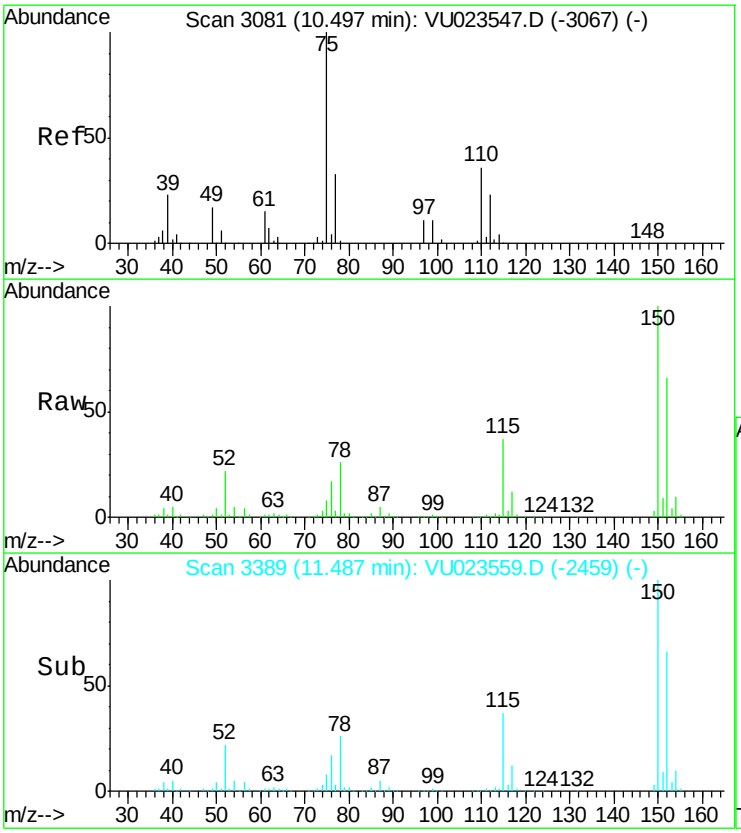



#48
2-Hexanone
Concen: 4.22 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU023559.D
Acq: 01 May 2018 17:37

Tgt Ion: 43 Resp: 13921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.5 | 43.0 | 64.6# |
| 57 | 29.0 | 14.6 | 22.0# |
| 100 | 1.3 | 8.4 | 12.6# |




#59
1,2,3-Trichloropropane
Concen: 5.21 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU023559.D
Acq: 01 May 2018 17:37

Tgt Ion: 75 Resp: 17836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.1 | 25.9 | 38.9 |