Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
Data File : VU024035.D
Acq On : 23 May 2018 14:10
Operator : MD/SY
Sample : J2959-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 04:16:13 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 24 04:14:38 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 288479 | 50.00 | ug/L | | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 288507 | 50.00 | ug/L | | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 124831 | 50.00 | ug/L | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 118194 | 44.09 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 88.18% | | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 95098 | 45.02 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 90.04% | | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 168255 | 34.21 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 68.42% | | | | |
| 21) 2-Butanone-d5 | 4.18 | 46 | 215031 | 115.27 | ug/L | | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 115.27% | | | | |
| 24) Chloroform-d | 4.65 | 84 | 202877 | 49.58 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.16% | | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 142776 | 53.04 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 106.08% | | | | |
| 32) Benzene-d6 | 5.35 | 84 | 415259 | 49.31 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.62% | | | | |
| 36) 1,2-Dichloropropane-d6 | 6.34 | 67 | 142906 | 50.24 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 100.48% | | | | |
| 41) Toluene-d8 | 7.57 | 98 | 367517 | 47.36 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 94.72% | | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 57727 | 48.25 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 96.50% | | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 149012 | 113.64 | ug/L | | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 113.64% | | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44 | 84 | 207482 | 51.79 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 103.58% | | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.87 | 152 | 149209 | 55.34 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 110.68% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 25) Chloroform | 4.68 | 83 | 8531 | 1.87 | ug/L | | 91 |
| 37) 1,2-Dichloropropane | 6.34 | 63 | 15334 | 5.46 | ug/L | # | 88 |
| 48) 2-Hexanone | 8.31 | 43 | 18694 | 5.82 | ug/L | # | 69 |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 15086 | 4.14 | ug/L | | 91 |

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

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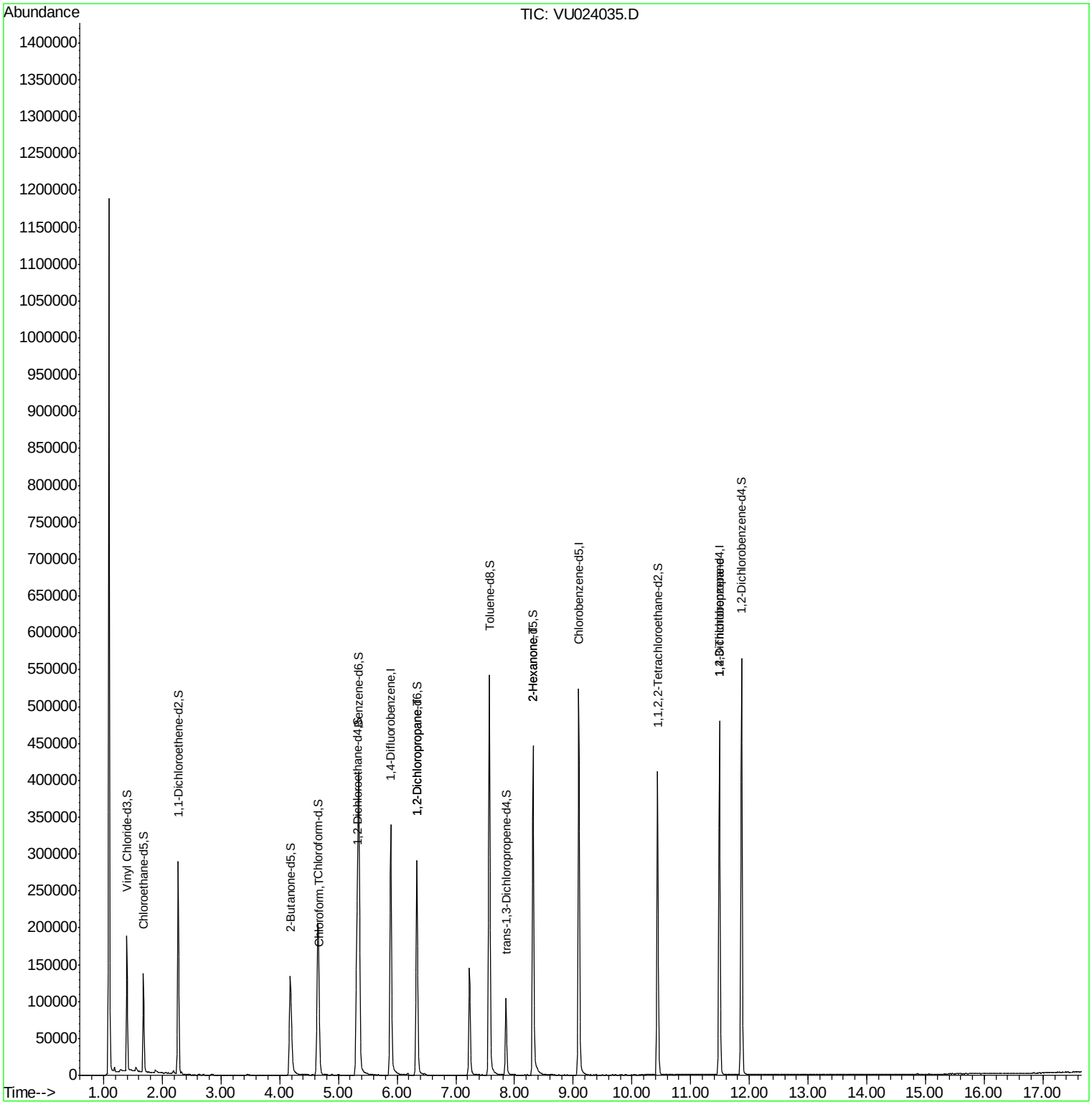
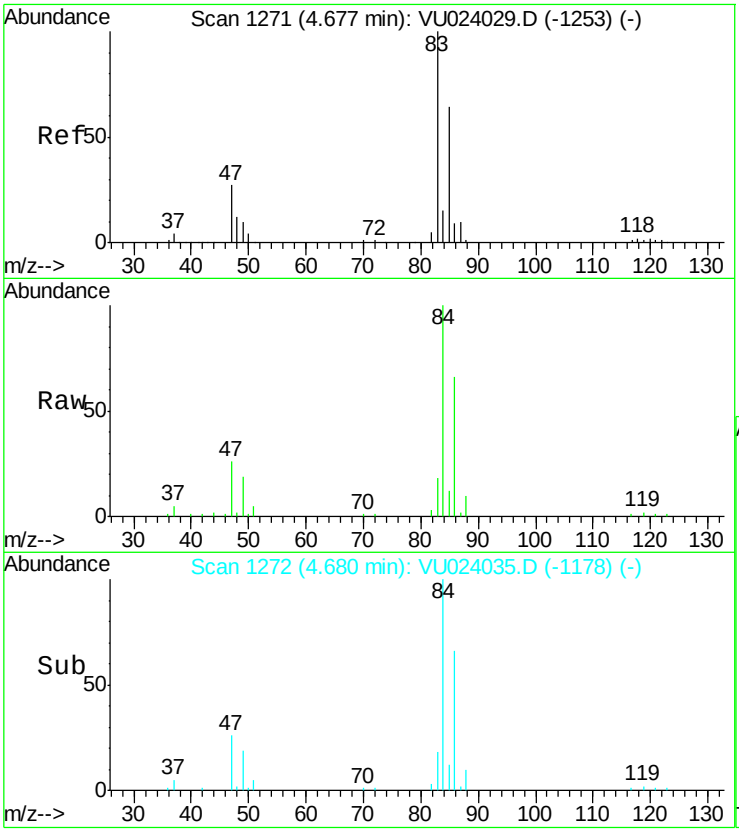
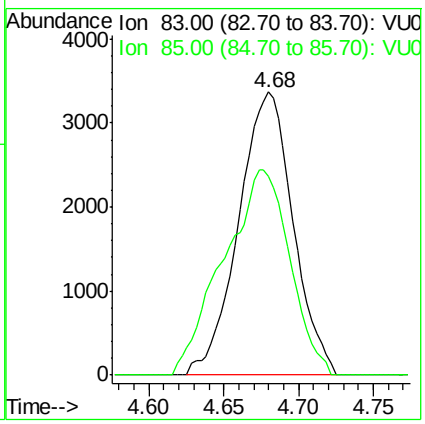


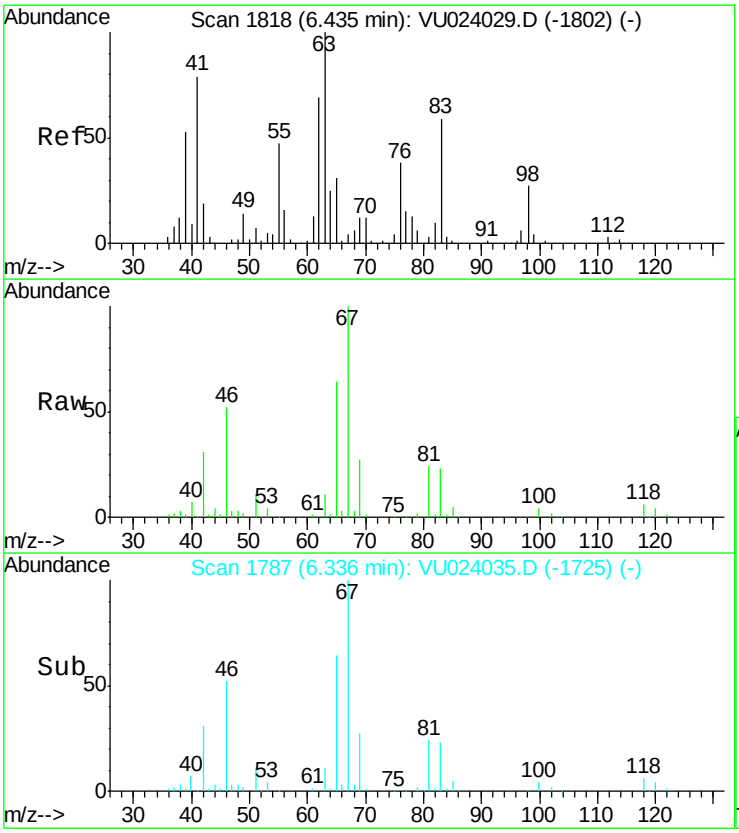



#25
Chloroform
Concen: 1.87 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024035.D
Acq: 23 May 2018 14:10

Tgt Ion: 83 Resp: 8531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 70.2 | 44.4 | 82.5 |

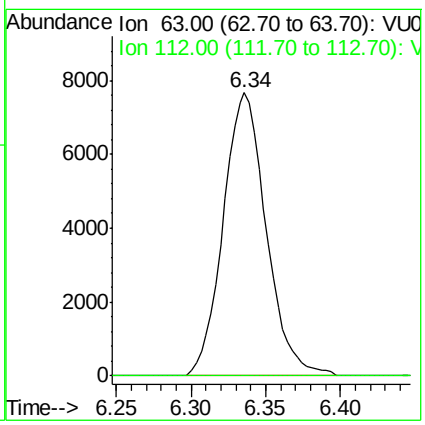


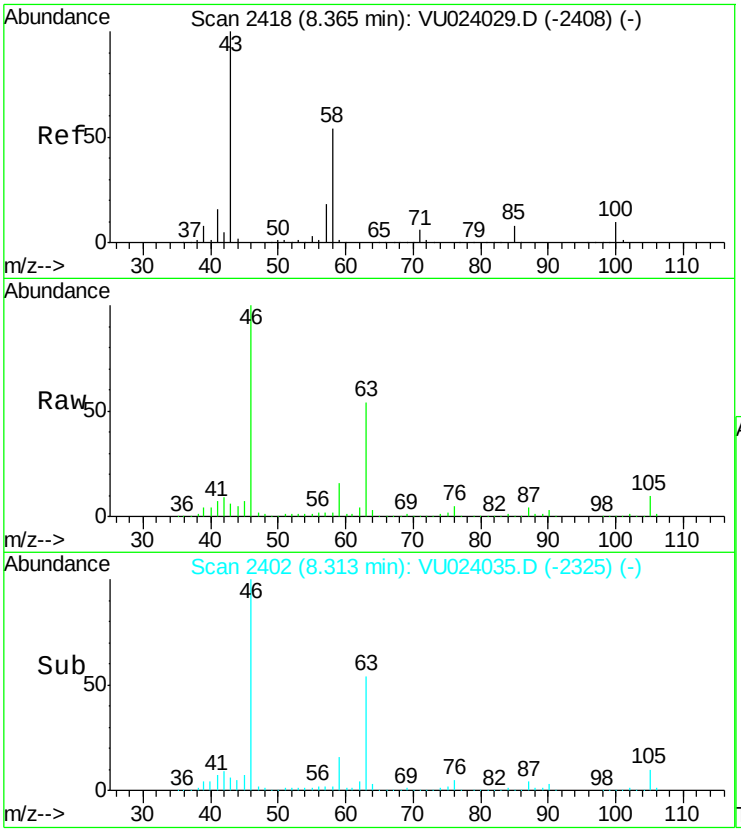




#37
1,2-Dichloropropane
Concen: 5.46 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU024035.D
Acq: 23 May 2018 14:10

Tgt Ion: 63 Resp: 15334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.2 | 4.8# |

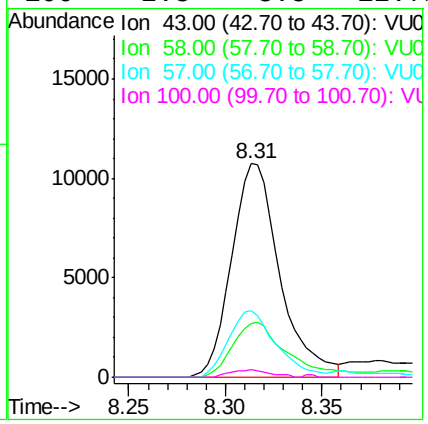


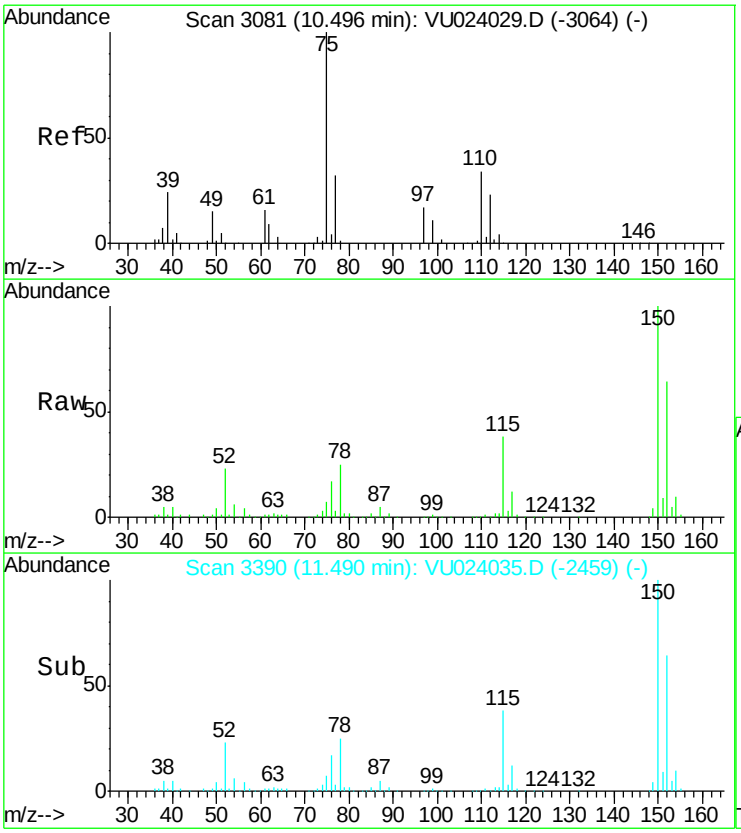



#48
2-Hexanone
Concen: 5.82 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU024035.D
Acq: 23 May 2018 14:10

Tgt Ion: 43 Resp: 18694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.9 | 42.6 | 63.8# |
| 57 | 30.6 | 14.9 | 22.3# |
| 100 | 2.8 | 8.5 | 12.7# |




#59
1,2,3-Trichloropropane
Concen: 4.14 ug/L
RT: 11.49 min Scan# 3390
Delta R.T. 0.99 min
Lab File: VU024035.D
Acq: 23 May 2018 14:10

Tgt Ion: 75 Resp: 15086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.7 | 26.2 | 39.4 |