Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081518\

Quantitation Report (Not Reviewed)

Data File : VU026150.D
Acq On : 15 Aug 2018 16:44
Operator : MD/SY
Sample : J4422-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AB3

Quant Time: Aug 16 02:22:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 02:19:07 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 286367 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 266144 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 113668 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 79927 | 47.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 95.06% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 67918 | 49.14 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 98.28% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 119391 | 36.16 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 72.32% | | | |
| 21) 2-Butanone-d5 | 4.18 | 46 | 140140 | 108.62 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 108.62% | | | |
| 24) Chloroform-d | 4.65 | 84 | 182071 | 48.34 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.68% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 125790 | 51.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 102.06% | | | |
| 32) Benzene-d6 | 5.35 | 84 | 352709 | 51.40 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 102.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 115517 | 51.21 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 102.42% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 322579 | 49.11 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 98.22% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 52391 | 49.05 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 98.10% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 101239 | 109.54 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 109.54% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44 | 84 | 158455 | 49.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 99.82% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 122610 | 51.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 103.66% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.32 | 43 | 3676 | 3.113 | ug/L | 93 |
| 37) 1,2-Dichloropropane | 6.33 | 63 | 12838 | 6.379 | ug/L # | 88 |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 12752 | 5.143 | ug/L | 89 |

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

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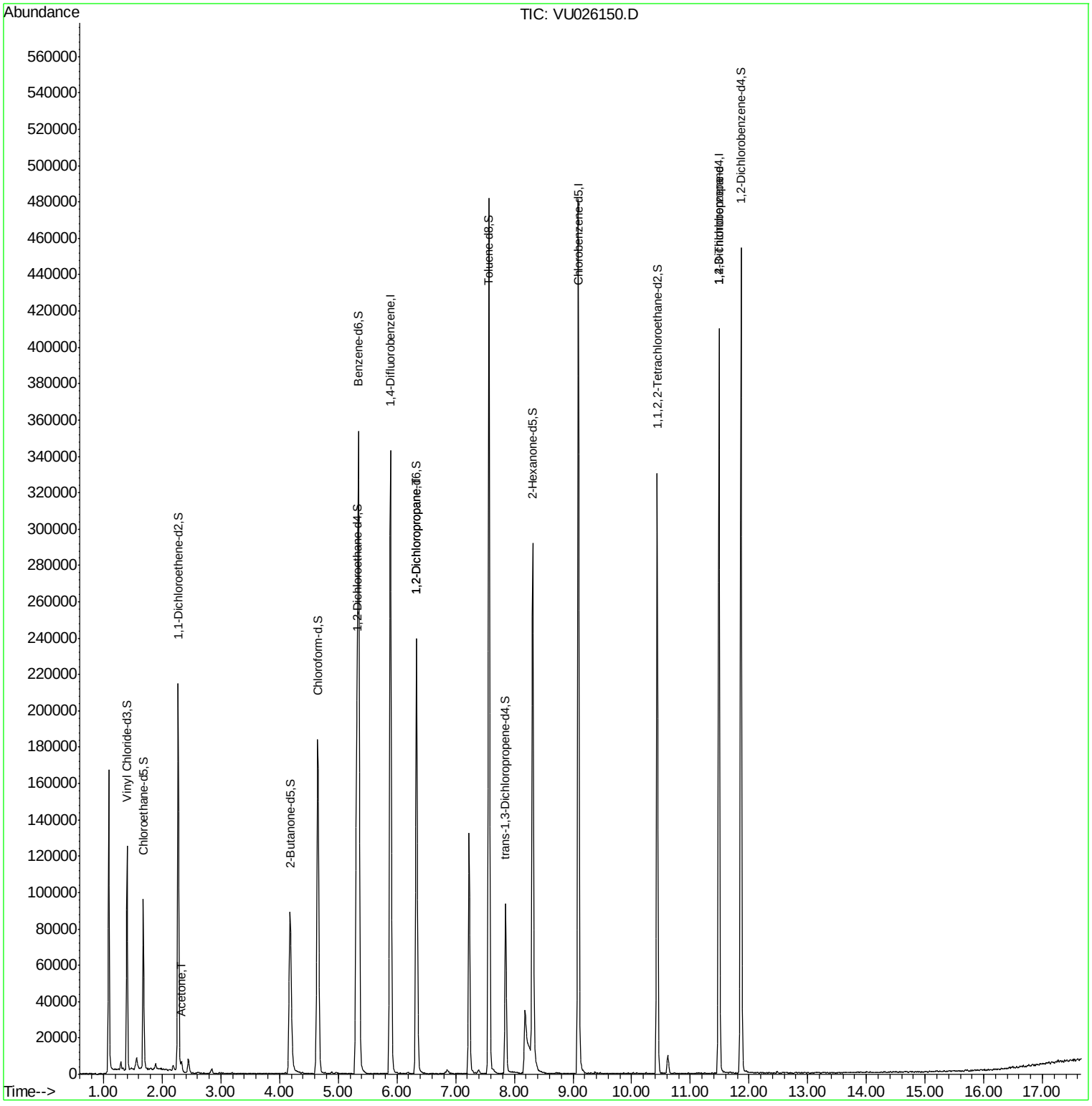
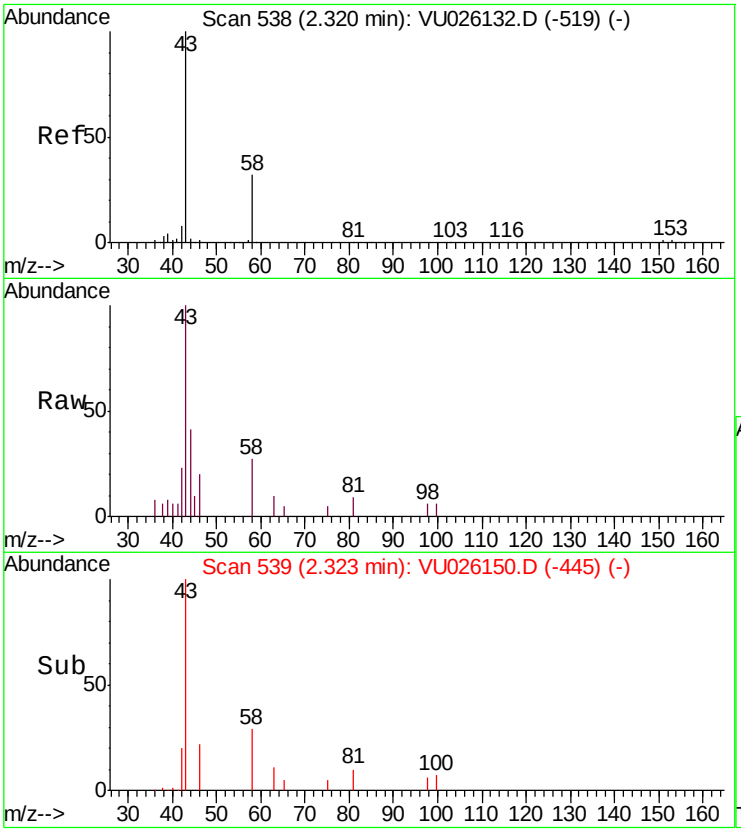
C0AB3

Quant Time: Aug 16 02:22:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 02:19:07 2018
Response via : Initial Calibration

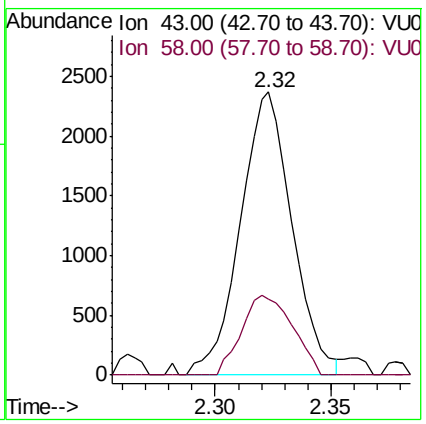




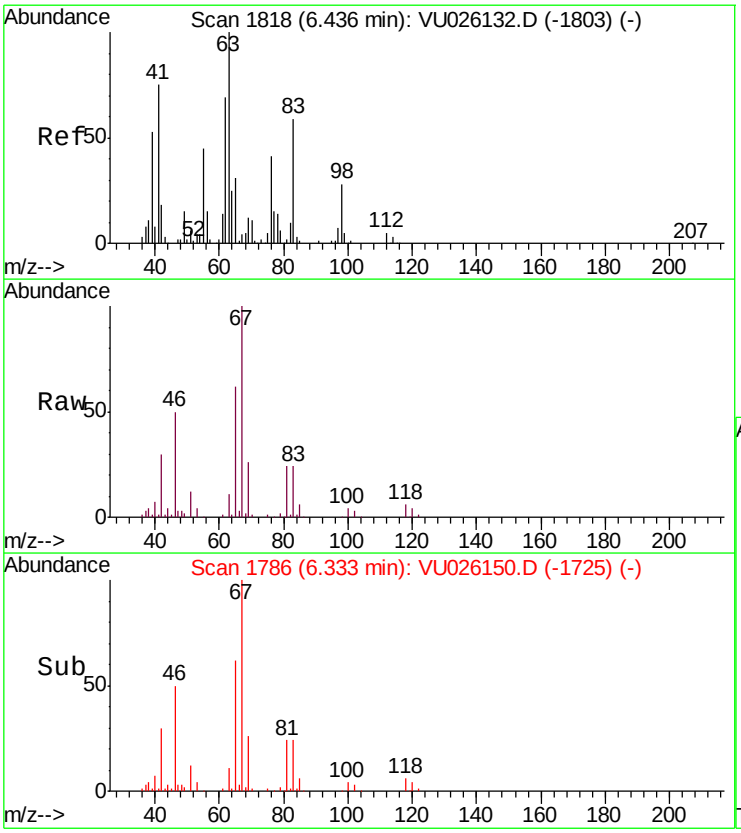

#13
Acetone
Concen: 3.113 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU026150.D
Acq: 15 Aug 2018 16:44

Tgt Ion: 43 Resp: 3676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.7 | 0.0 | 62.6 |



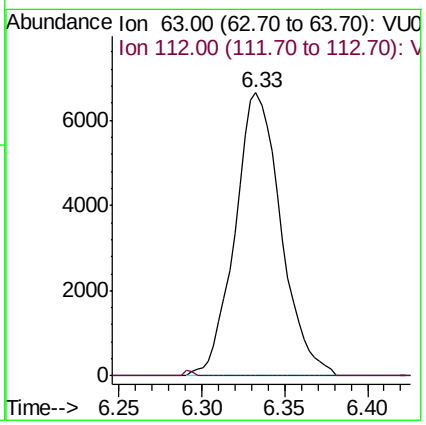

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AB3

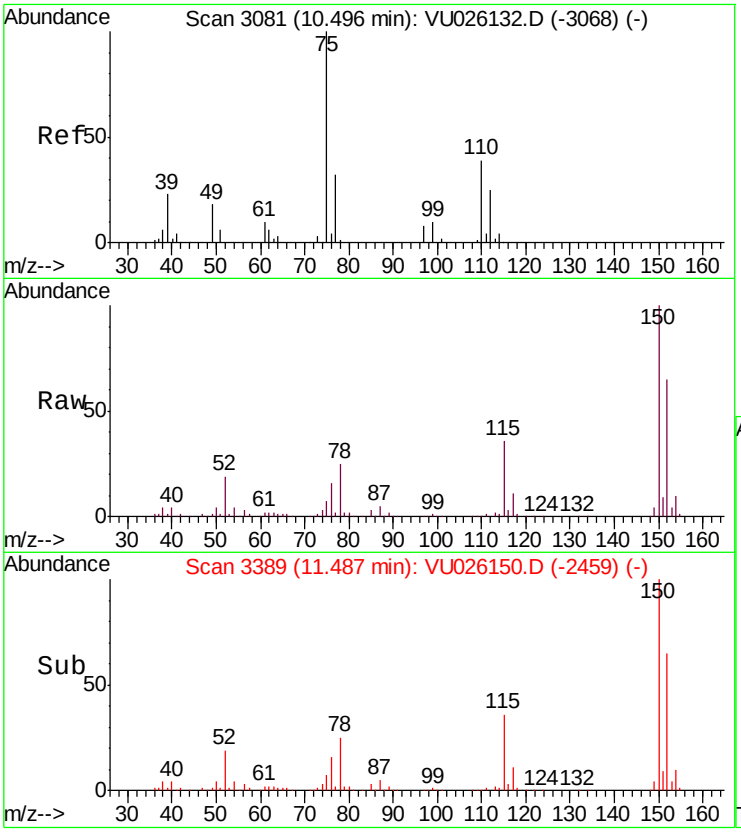



#37
1,2-Dichloropropane
Concen: 6.379 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026150.D
Acq: 15 Aug 2018 16:44

Tgt Ion: 63 Resp: 12838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.4 | 3.5 | 5.3# |






#59
1,2,3-Trichloropropane
Concen: 5.143 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU026150.D
Acq: 15 Aug 2018 16:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AB3

Tgt Ion: 75 Resp: 12752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.6 | 26.1 | 39.1 |