Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120419\
Data File : VV013904.D
Acq On : 04 Dec 2019 15:21
Operator : SY/MD
Sample : K4649-06DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 05 01:46:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 05 01:28:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 266576 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 241653 | 50.00 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 114695 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 71014 | 48.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 97.46% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 73926 | 71.47 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 142.94%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 112539 | 44.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 89.10% | | | |
| 21) 2-Butanone-d5 | 3.92 | 46 | 101667 | 95.76 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 95.76% | | | |
| 24) Chloroform-d | 4.40 | 84 | 147374 | 40.31 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 80.62% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.07 | 65 | 96222 | 40.97 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 81.94% | | | |
| 32) Benzene-d6 | 5.09 | 84 | 306091 | 44.01 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.02% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.11 | 67 | 92817 | 46.08 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 92.16% | | | |
| 41) Toluene-d8 | 7.35 | 98 | 265056 | 39.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 79.06%# | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 41858 | 36.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 73.10% | | | |
| 47) 2-Hexanone-d5 | 8.13 | 63 | 56511 | 67.55 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 67.55% | | | |
| 56) 1,1,2,2-Tetrachloroethane- | 10.25 | 84 | 126321 | 44.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 88.98% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 118555 | 43.95 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 87.90% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.19 | 43 | 3272 | 4.520 | ug/L | 99 |
| 16) Methylene chloride | 2.53 | 84 | 1502 | 1.022 | ug/L | 95 |
| 34) Trichloroethene | 5.96 | 95 | 91788 | 59.366 | ug/L | 96 |

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

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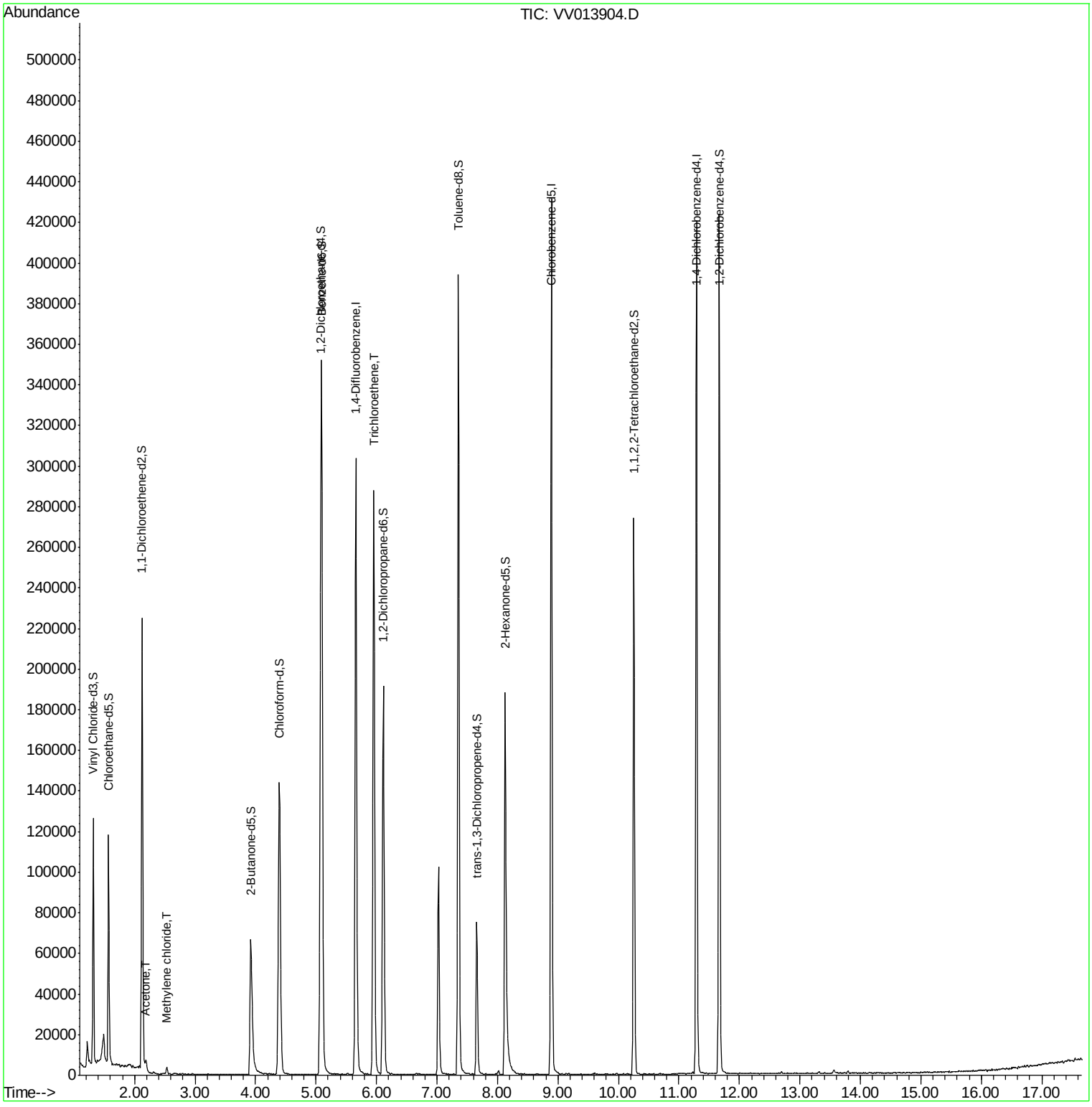
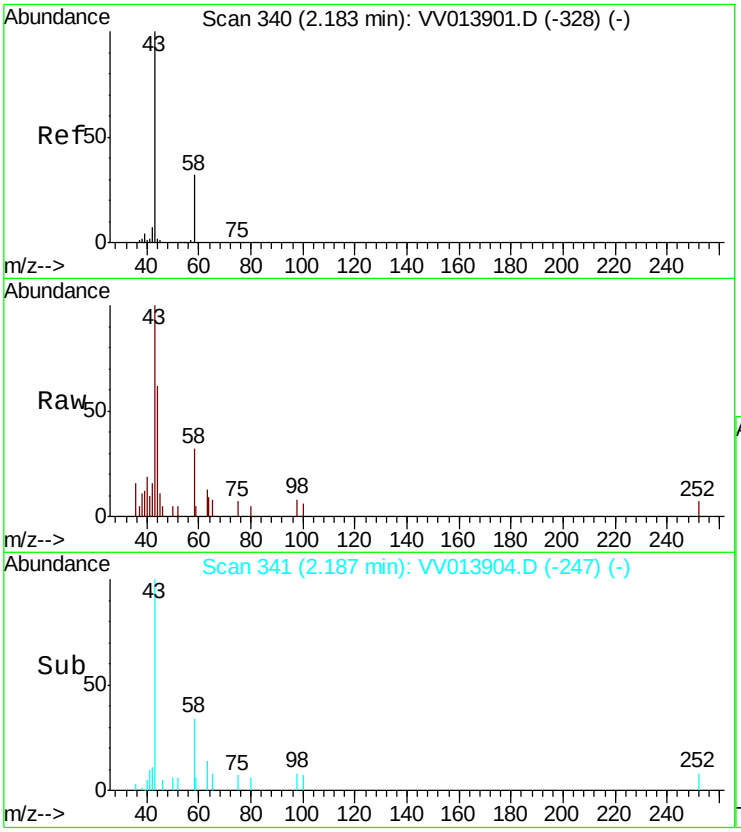
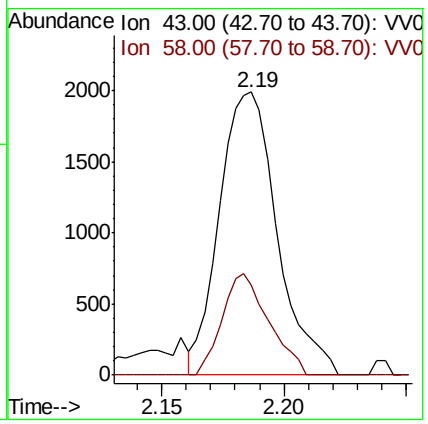


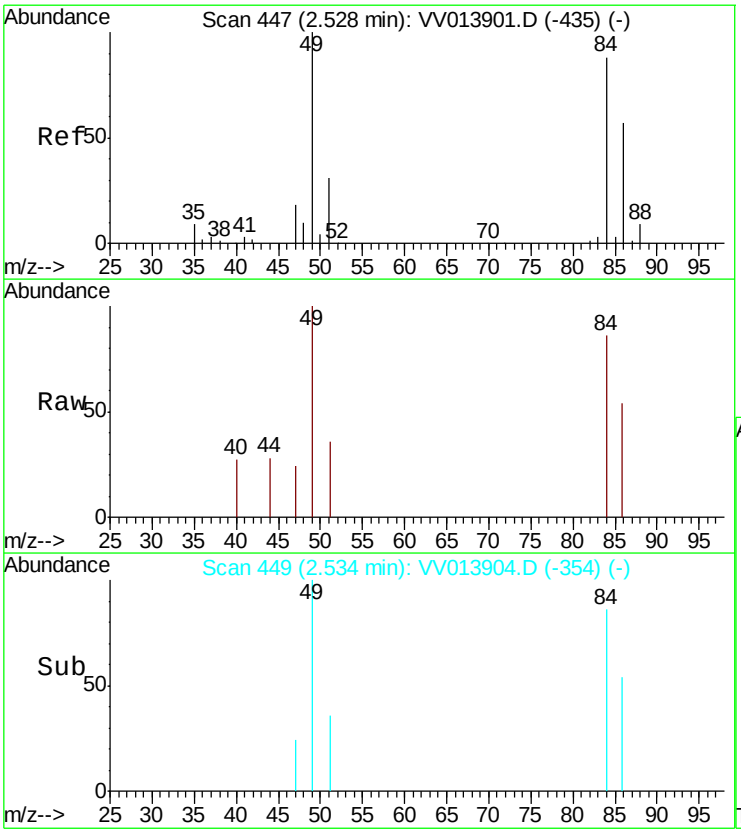



#13
Acetone
Concen: 4.520 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV013904.D
Acq: 04 Dec 2019 15:21

Tgt Ion: 43 Resp: 3272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.0 | 0.0 | 59.2 |

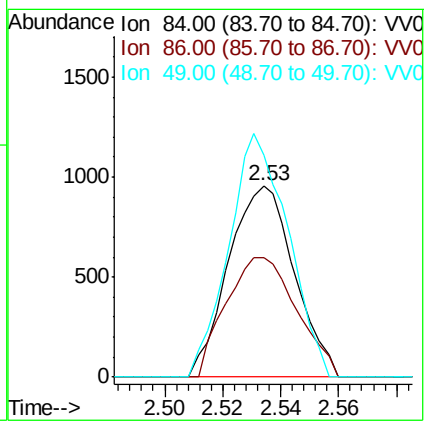


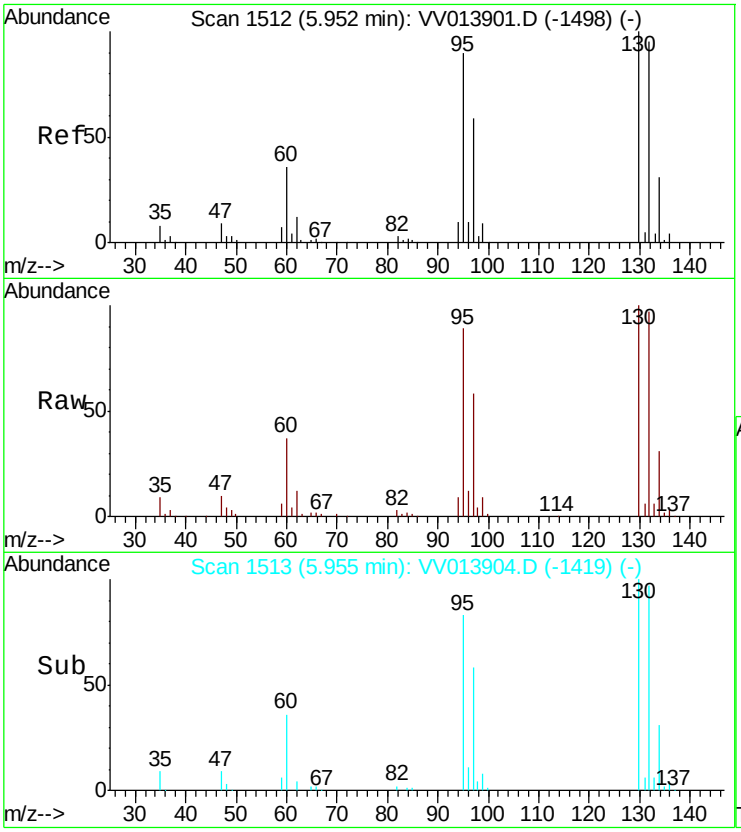




#16
Methylene chloride
Concen: 1.022 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV013904.D
Acq: 04 Dec 2019 15:21

Tgt Ion: 84 Resp: 1502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 62.6 | 45.7 | 84.9 |
| 49 | 115.7 | 76.6 | 142.2 |






#34
Trichloroethene
Concen: 59.366 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013904.D
Acq: 04 Dec 2019 15:21

Tgt Ion: 95 Resp: 91788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 64.6 | 43.4 | 80.6 |
| 132 | 109.1 | 73.1 | 135.8 |
| 130 | 112.1 | 75.3 | 139.8 |