Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040519\
Data File : VR026462.D
Acq On : 5 Apr 2019 14:16
Operator : SY/MD
Sample : K2271-18
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_R
**ClientSampleId :** DB7D9

Quant Time: Apr 06 06:43:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 06 05:54:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.46 | 114 | 478910 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.28 | 117 | 388707 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152 | 111340 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.14 | 65 | 170407 | 4.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 93.60% | | | |
| 7) Chloroethane-d5 | 2.62 | 69 | 149414 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 3.60 | 63 | 339953 | 3.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.20% | | | |
| 20) 2-Butanone-d5 | 6.58 | 46 | 162136 | 49.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 99.96% | | | |
| 24) Chloroform-d | 7.20 | 84 | 331128 | 4.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 7.89 | 65 | 142845 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.40% | | | |
| 32) Benzene-d6 | 7.85 | 84 | 604079 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 8.89 | 67 | 157061 | 4.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.60% | | | |
| 41) Toluene-d8 | 9.97 | 98 | 529428 | 4.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.20% | | | |
| 43) trans-1,3-Dichloropropene- | 10.23 | 79 | 32712 | 3.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 76.60% | | | |
| 46) 2-Hexanone-d5 | 10.59 | 63 | 122213 | 53.41 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 106.82% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36 | 84 | 60367 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 13.51 | 152 | 100438 | 5.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 119.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 3.69 | 43 | 12615 | 3.848 | ug/L | 71 |
| 34) Trichloroethene | 8.70 | 95 | 11842 | 0.291 | ug/L | 90 |
| 47) Tetrachloroethene | 10.51 | 164 | 8326 | 0.288 | ug/L | 88 |

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

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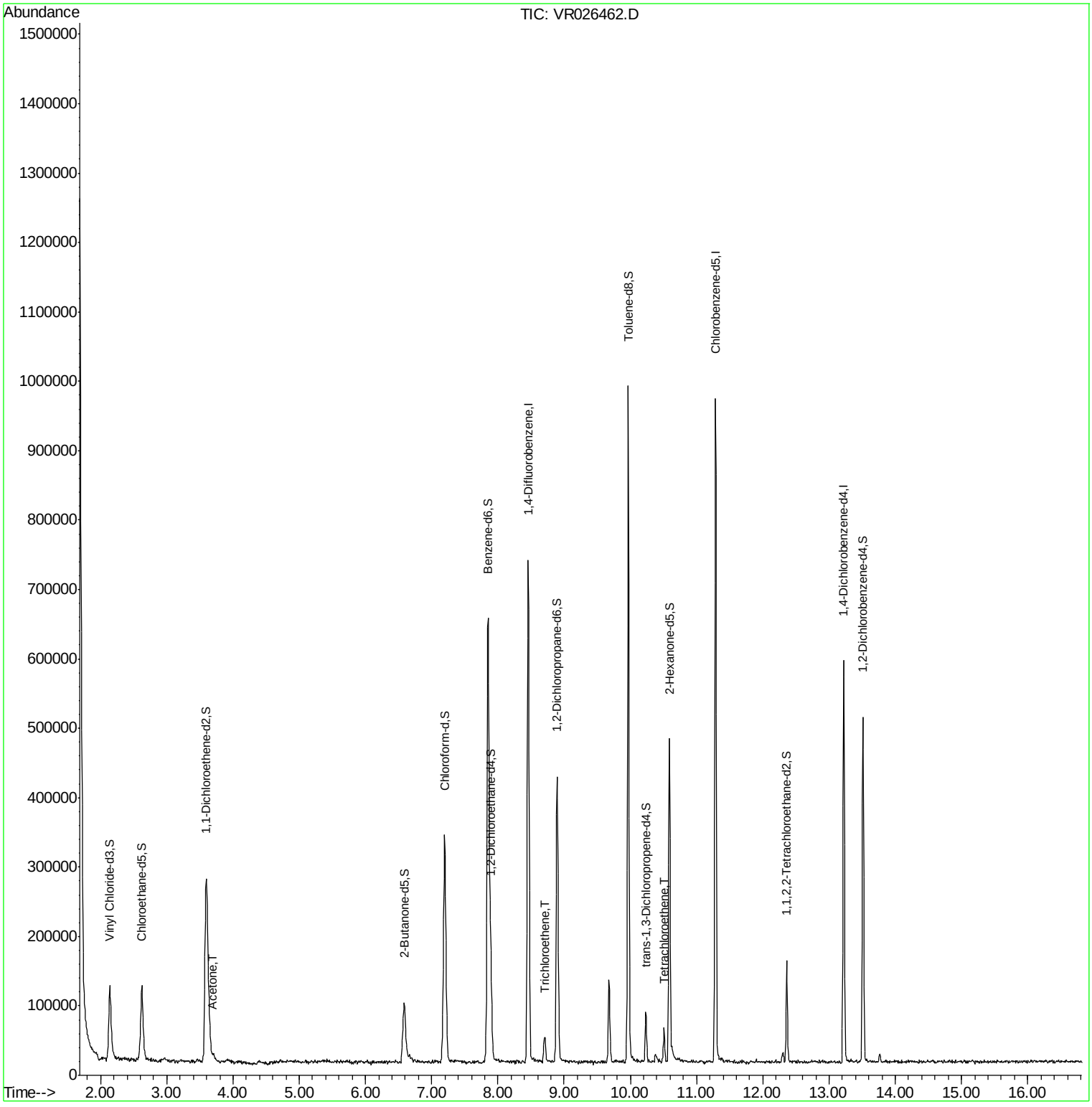
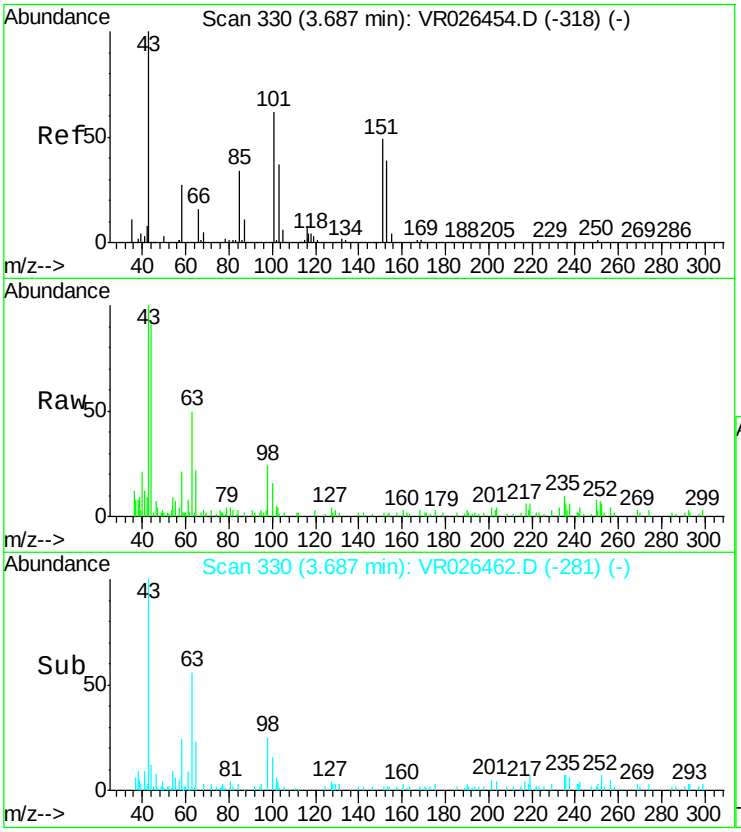


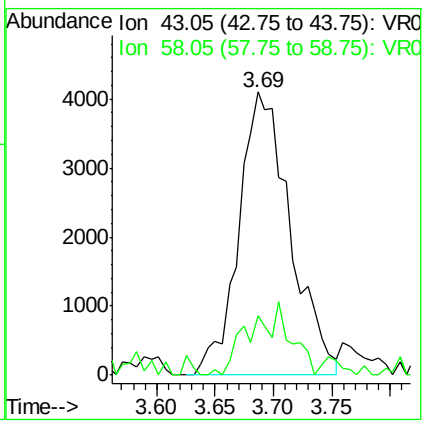


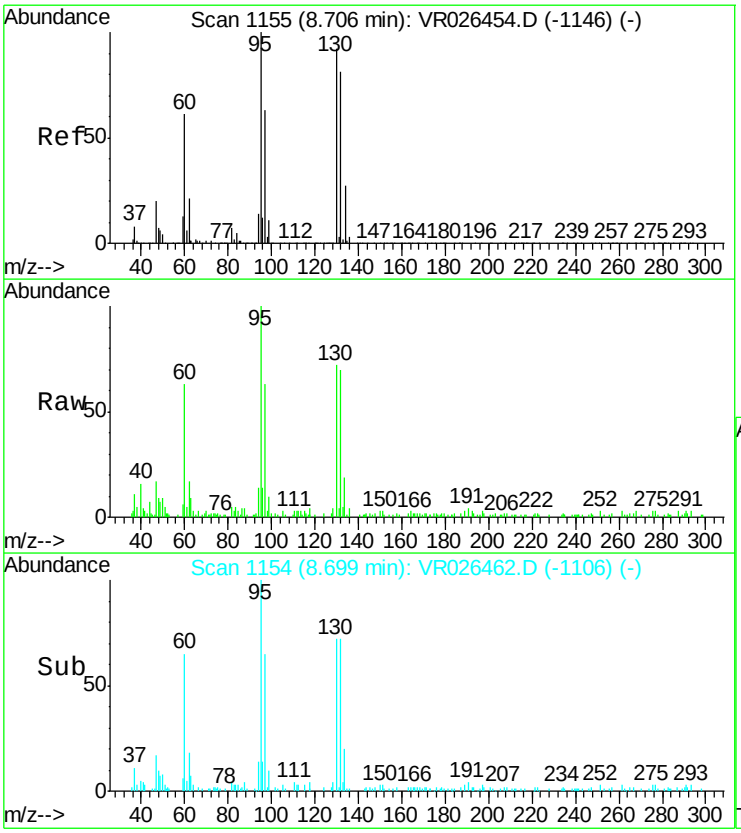

#13
Acetone
Concen: 3.848 ug/L
RT: 3.69 min Scan# 330
Delta R.T. -0.00 min
Lab File: VR026462.D
Acq: 5 Apr 2019 14:16

**Instrument :** MSVOA_R
**ClientSampleId :** DB7D9

Tgt Ion: 43 Resp: 12615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 12.1 | 0.0 | 53.8 |

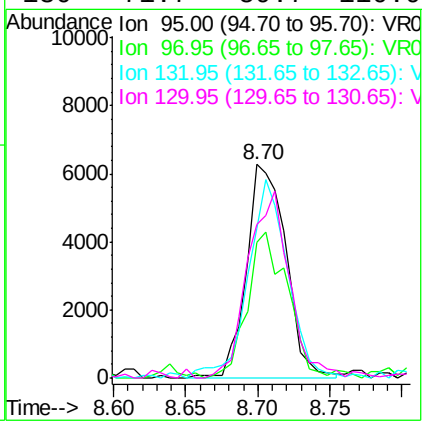


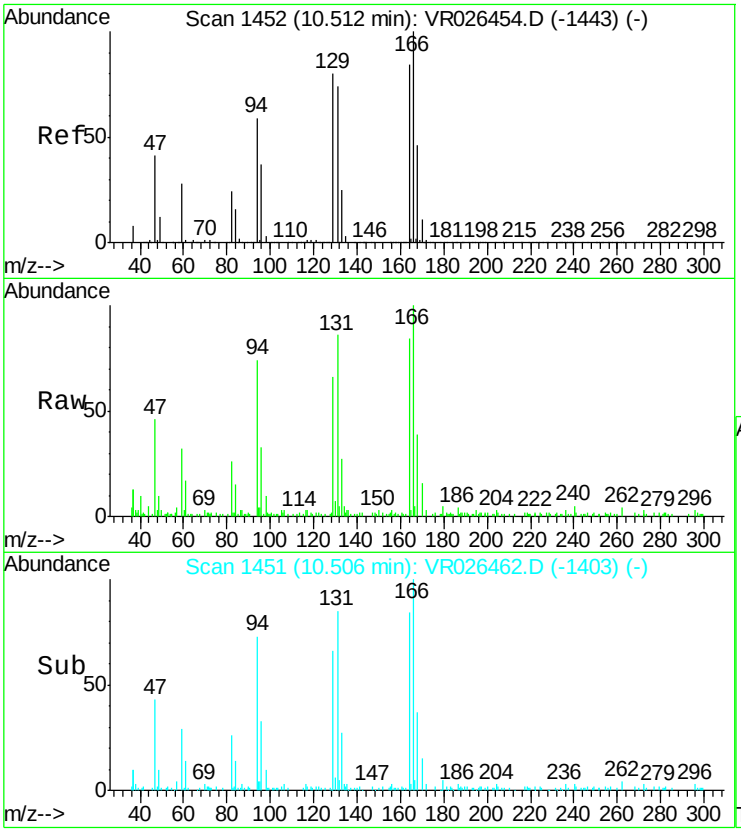




#34
Trichloroethene
Concen: 0.291 ug/L
RT: 8.70 min Scan# 1154
Delta R.T. -0.01 min
Lab File: VR026462.D
Acq: 5 Apr 2019 14:16

Tgt Ion: 95 Resp: 11842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 63.5 | 43.8 | 81.3 |
| 132 | 70.1 | 57.2 | 106.2 |
| 130 | 71.7 | 59.7 | 110.9 |






#47
Tetrachloroethene
Concen: 0.288 ug/L
RT: 10.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VR026462.D
Acq: 5 Apr 2019 14:16

**Instrument :**
MSVOA_R
**ClientSampleId :**
DB7D9

Tgt Ion:164 Resp: 8326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 77.8 | 74.1 | 137.5 |
| 131 | 101.9 | 71.3 | 132.5 |
| 166 | 118.5 | 90.9 | 168.9 |