Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
Data File : VR026053.D
Acq On : 12 Oct 2018 10:11
Operator : SY/MD
Sample : VR1012WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Oct 13 00:55:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 13 00:51:09 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.46 | 114 | 527966 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.29 | 117 | 440992 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152 | 155544 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.15 | 65 | 189515 | 4.55 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 91.00% | | | |
| 7) Chloroethane-d5 | 2.62 | 69 | 176560 | 5.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 103.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 3.61 | 63 | 326068 | 3.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 66.60% | | | |
| 20) 2-Butanone-d5 | 6.59 | 46 | 210013 | 45.25 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 90.50% | | | |
| 24) Chloroform-d | 7.20 | 84 | 302830 | 4.18 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 83.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 7.90 | 65 | 136075 | 4.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.40% | | | |
| 32) Benzene-d6 | 7.85 | 84 | 571124 | 3.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 77.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 8.89 | 67 | 160885 | 4.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 81.40% | | | |
| 41) Toluene-d8 | 9.97 | 98 | 505474 | 3.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 73.40% | | | |
| 43) trans-1,3-Dichloropropene- | 10.24 | 79 | 36393 | 4.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 81.20% | | | |
| 46) 2-Hexanone-d5 | 10.59 | 63 | 161955 | 47.30 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 94.60% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36 | 84 | 68121 | 4.24 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 84.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 13.52 | 152 | 109285 | 4.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 87.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 35) Methylcyclohexane | 8.90 | 83 | 39476 | 0.674 | ug/L # | 15 |
| 37) 1,2-Dichloropropane | 8.90 | 63 | 22357 | 0.705 | ug/L # | 96 |
| 44) trans-1,3-Dichloropropene | 10.23 | 75 | 2774 | 0.119 | ug/L | 100 |
| 48) 2-Hexanone | 10.59 | 43 | 24618 | 3.370 | ug/L # | 69 |

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

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MSVOA_R
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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 13 00:51:09 2018
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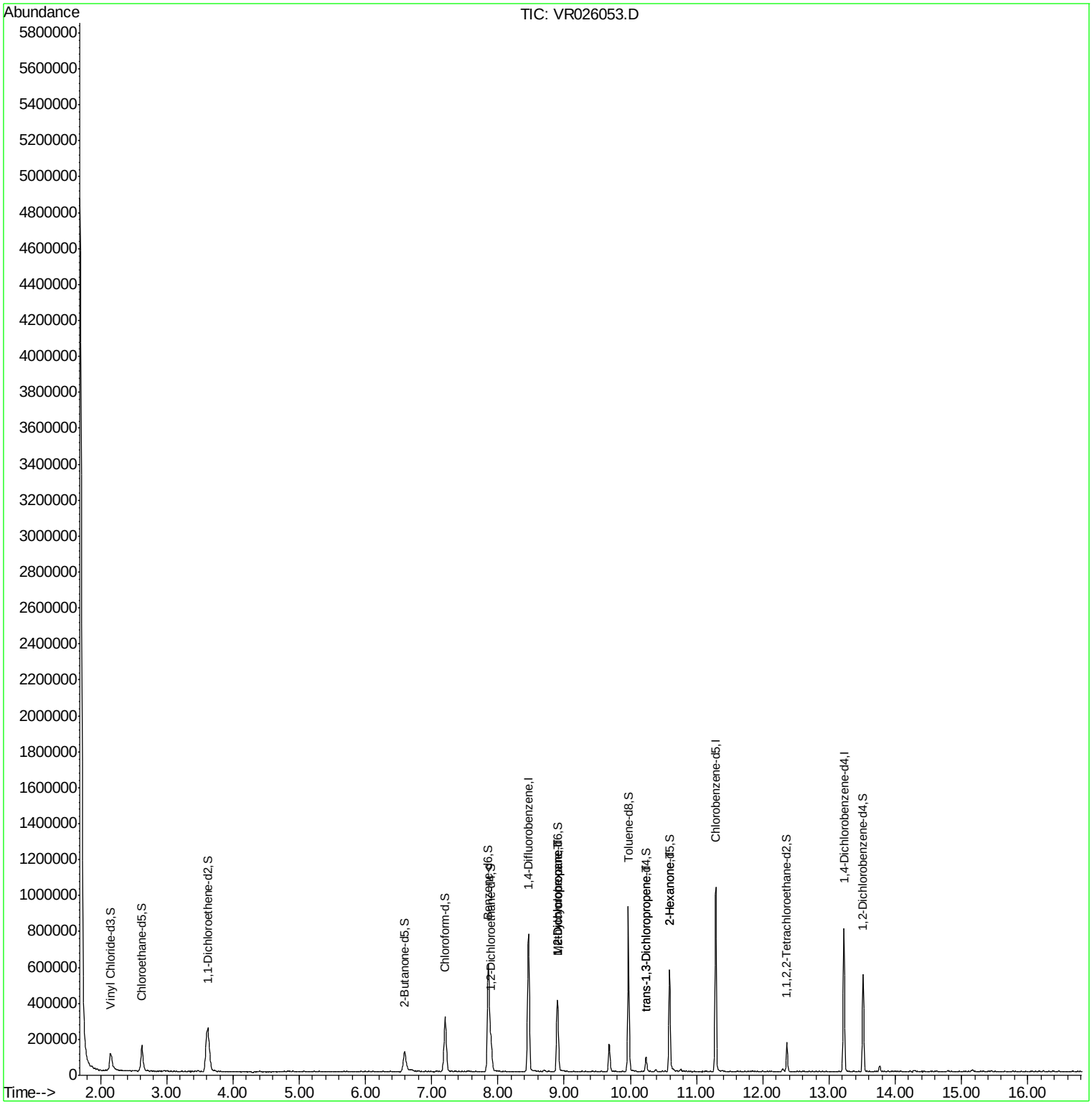
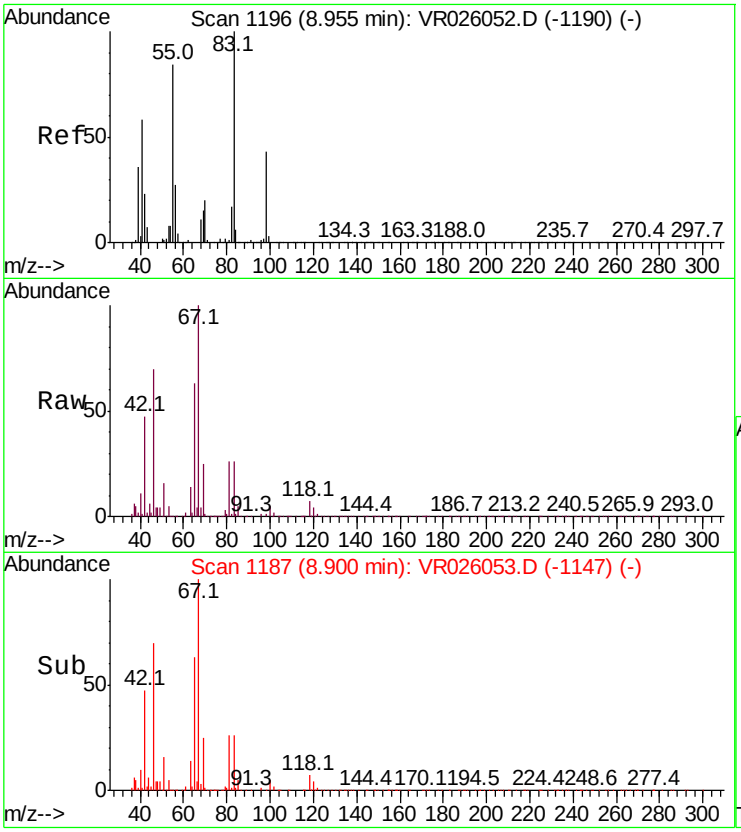


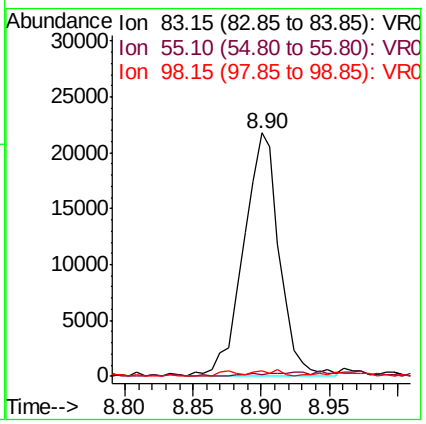


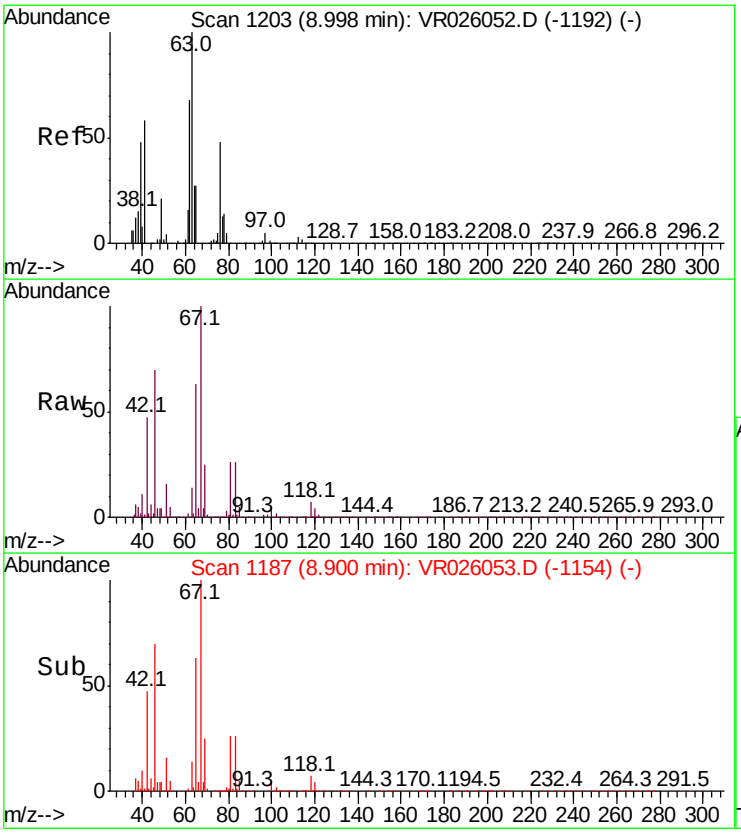

#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026053.D
Acq: 12 Oct 2018 10:11

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

Tgt Ion: 83 Resp: 39476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.7 | 71.8 | 107.6# |
| 98 | 1.3 | 34.2 | 51.4# |

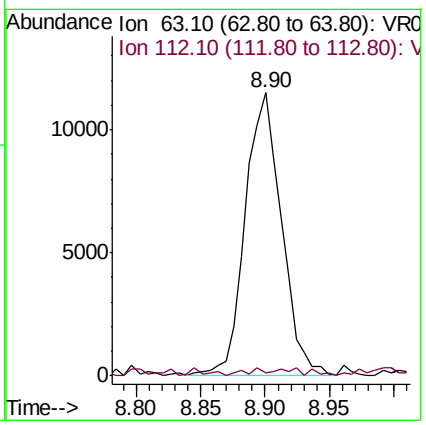


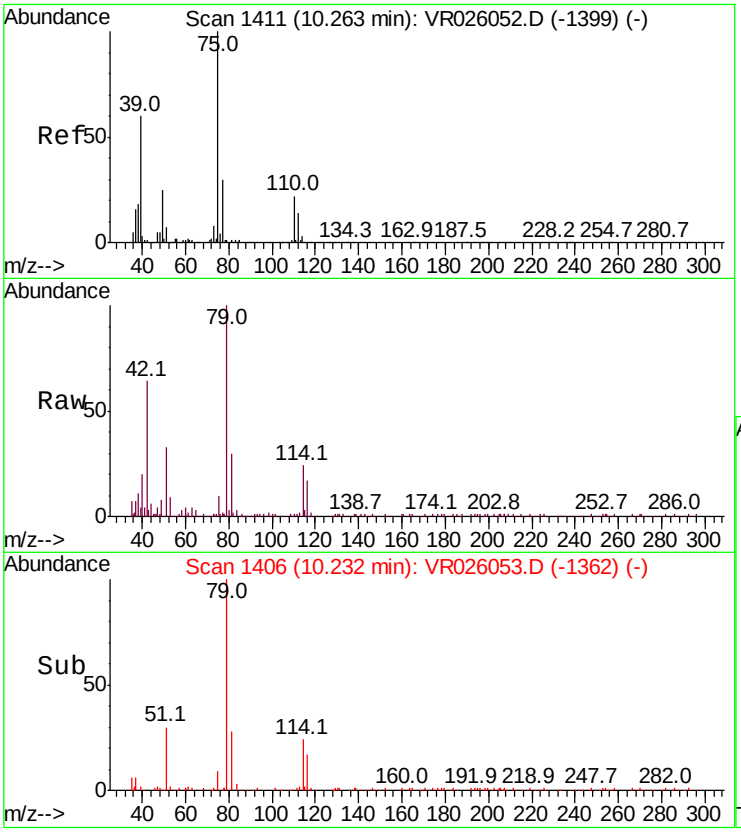




#37
1,2-Dichloropropane
Concen: 0.705 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026053.D
Acq: 12 Oct 2018 10:11

Tgt Ion: 63 Resp: 22357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 1.7 | 2.5 | 3.7# |



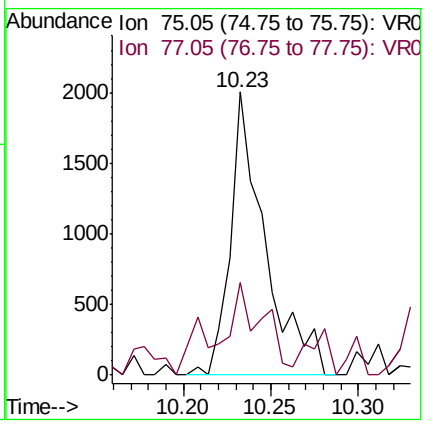


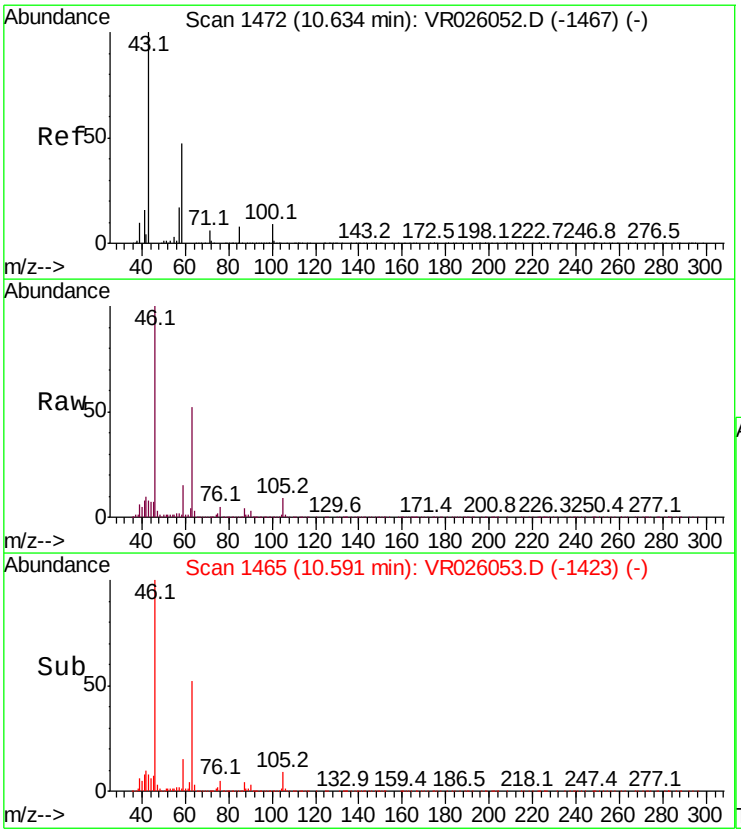

#44
trans-1,3-Dichloropropene
Concen: 0.119 ug/L
RT: 10.23 min Scan# 1406
Delta R.T. -0.03 min
Lab File: VR026053.D
Acq: 12 Oct 2018 10:11

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

Tgt Ion: 75 Resp: 2774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.7 | 23.0 | 42.8 |




#48
2-Hexanone
Concen: 3.370 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026053.D
Acq: 12 Oct 2018 10:11

Tgt Ion: 43 Resp: 24618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.2 | 39.5 | 59.3# |
| 57 | 27.3 | 14.6 | 21.8# |
| 100 | 2.9 | 6.7 | 10.1# |