Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061518\
Data File : VR025310.D
Acq On : 15 Jun 2018 21:08
Operator : SY/MD
Sample : J3549-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_R
**ClientSampleId :** ESWE2

Quant Time: Jun 16 05:05:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 16:03:18 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.46 | 114 | 635317 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.29 | 117 | 515073 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152 | 179510 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.14 | 65 | 98716 | 4.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 91.20% | | | |
| 7) Chloroethane-d5 | 2.64 | 69 | 78348 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 3.64 | 63 | 191235 | 3.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 68.80% | | | |
| 20) 2-Butanone-d5 | 6.60 | 46 | 262909 | 45.33 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 90.66% | | | |
| 24) Chloroform-d | 7.20 | 84 | 351961 | 4.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 7.89 | 65 | 144233 | 4.66 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.20% | | | |
| 32) Benzene-d6 | 7.86 | 84 | 777104 | 4.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 8.90 | 67 | 227327 | 4.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 91.60% | | | |
| 41) Toluene-d8 | 9.97 | 98 | 681026 | 4.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.20% | | | |
| 43) trans-1,3-Dichloropropene- | 10.24 | 79 | 49675 | 3.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 75.20% | | | |
| 46) 2-Hexanone-d5 | 10.59 | 63 | 226257 | 49.37 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 98.74% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36 | 84 | 90957 | 4.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 94.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 13.51 | 152 | 150181 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 98.60% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 13) Acetone | 3.70 | 43 | 7654 | 2.922 | ug/L | 96 |
| 21) 2-Butanone | 6.71 | 43 | 2024 | 0.327 | ug/L | 81 |
| 34) Trichloroethene | 8.71 | 95 | 55660 | 1.138 | ug/L | 93 |
| 35) Methylcyclohexane | 8.90 | 83 | 50556 | 0.655 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 8.90 | 63 | 25310 | 0.563 | ug/L # | 94 |
| 48) 2-Hexanone | 10.59 | 43 | 25501 | 2.750 | ug/L # | 67 |

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

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**Instrument :**
MSVOA_R
**ClientSampleId :**
ESWE2

Quant Time: Jun 16 05:05:01 2018
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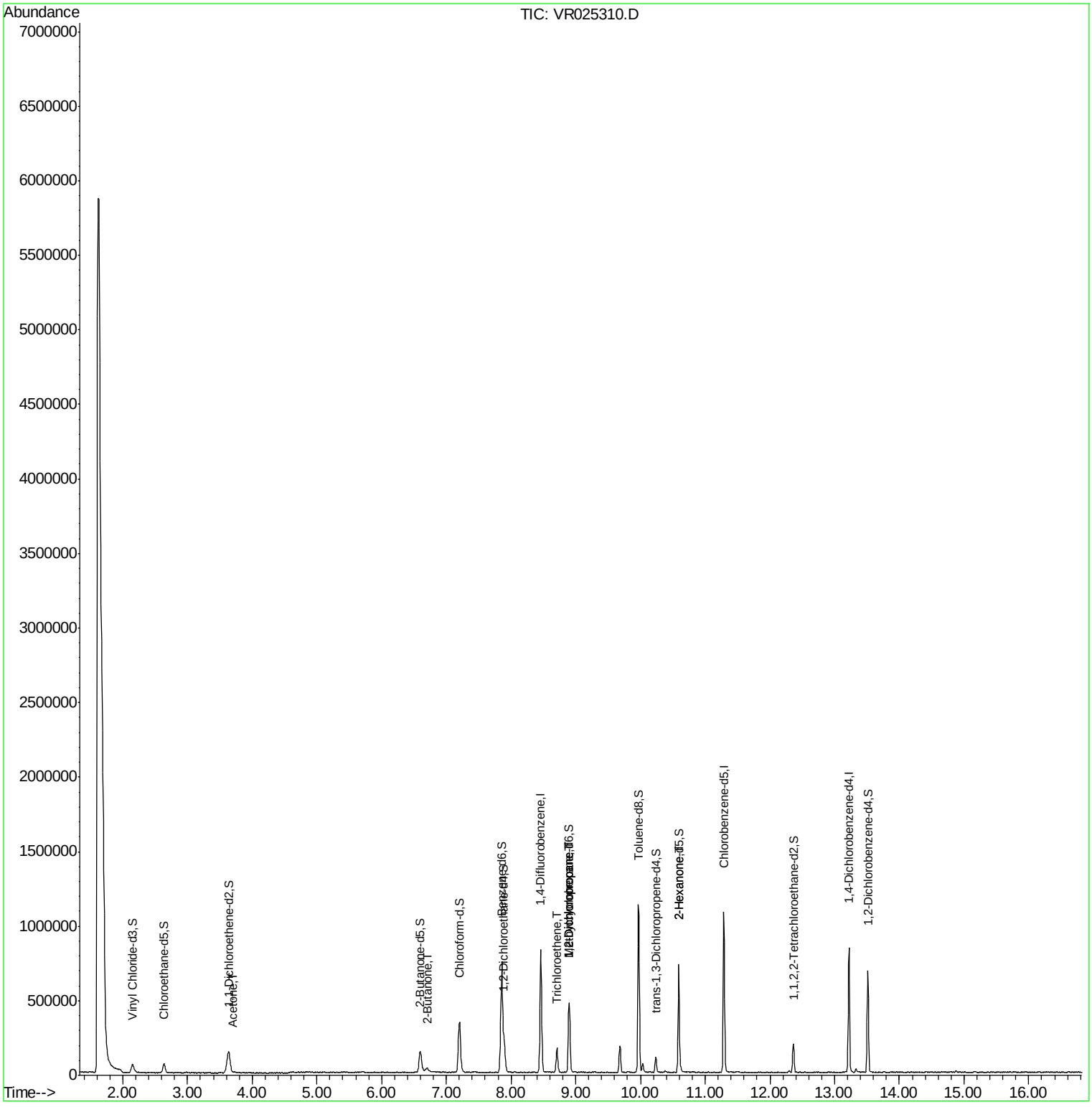
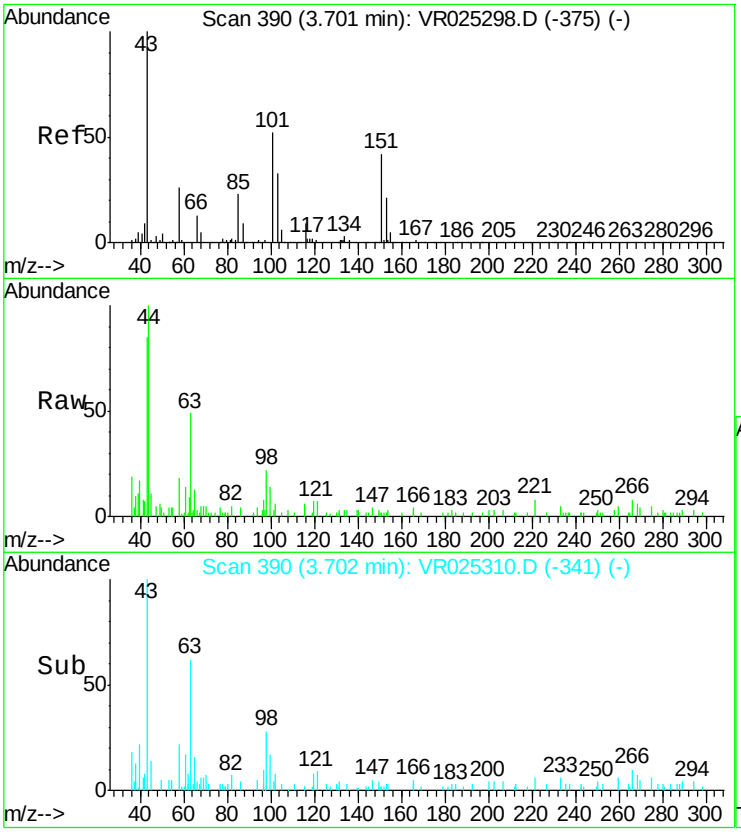
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 16:03:18 2018
Response via : Initial Calibration



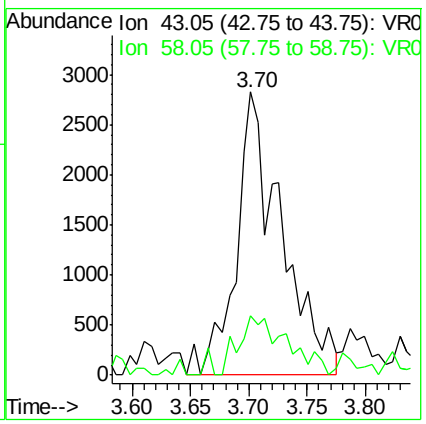


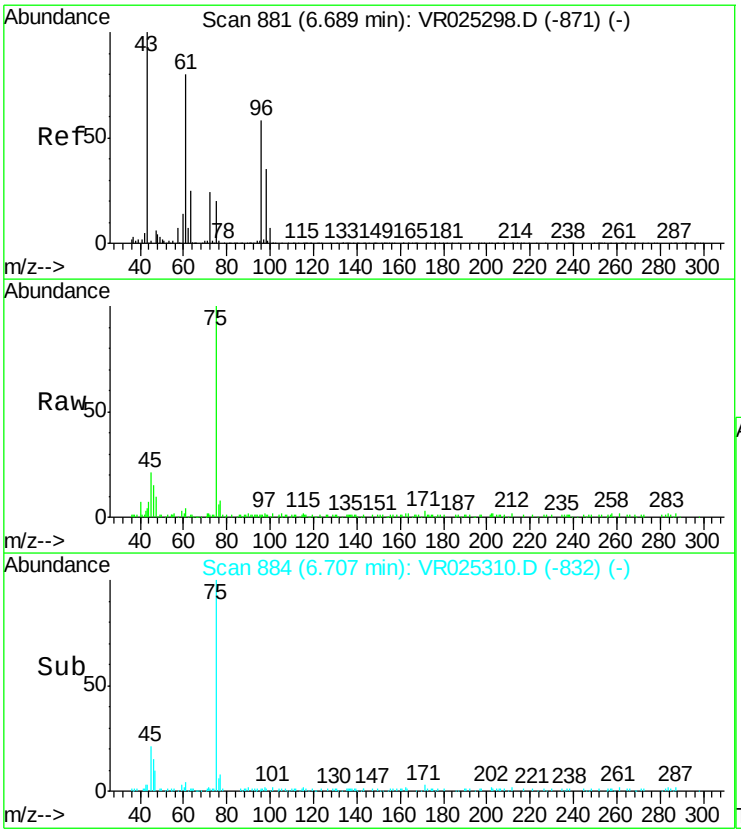

#13
Acetone
Concen: 2.922 ug/L
RT: 3.70 min Scan# 390
Delta R.T. 0.00 min
Lab File: VR025310.D
Acq: 15 Jun 2018 21:08

**Instrument :**
MSVOA_R
**ClientSampleId :**
ESWE2

Tgt Ion: 43 Resp: 7654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.5 | 0.0 | 41.6 |

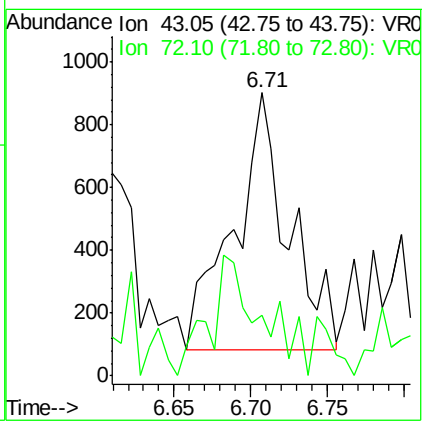


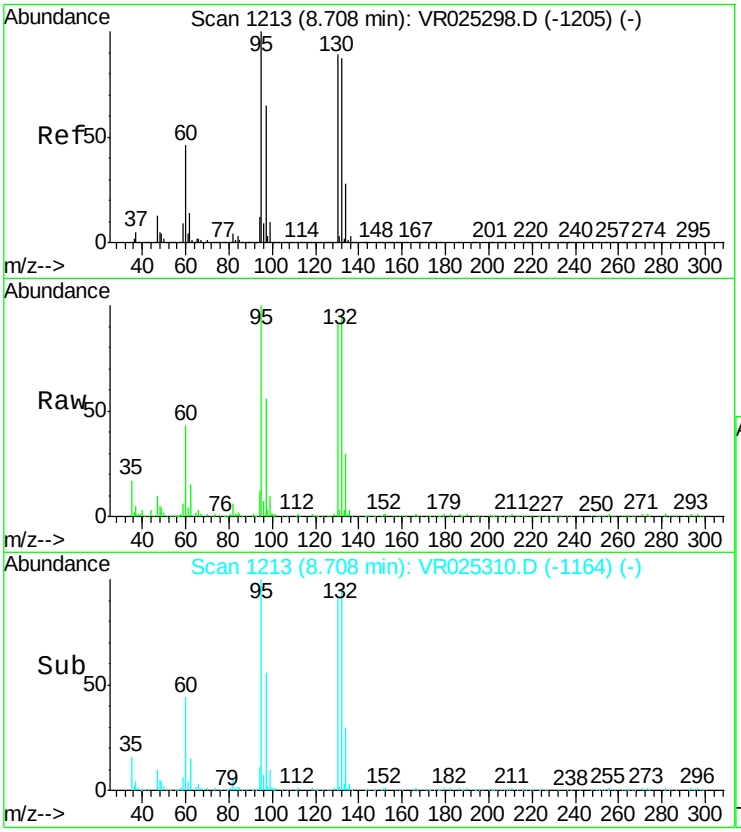




#21
2-Butanone
Concen: 0.327 ug/L
RT: 6.71 min Scan# 884
Delta R.T. 0.02 min
Lab File: VR025310.D
Acq: 15 Jun 2018 21:08

Tgt Ion: 43 Resp: 2024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 35.6 | 13.0 | 38.9 |



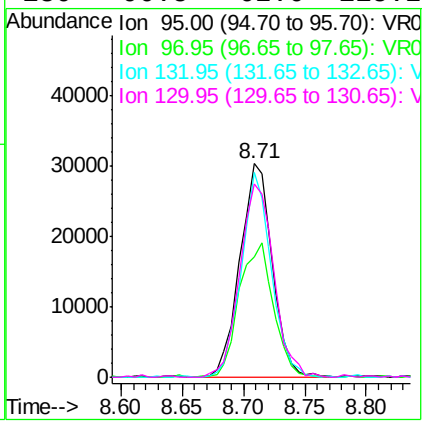


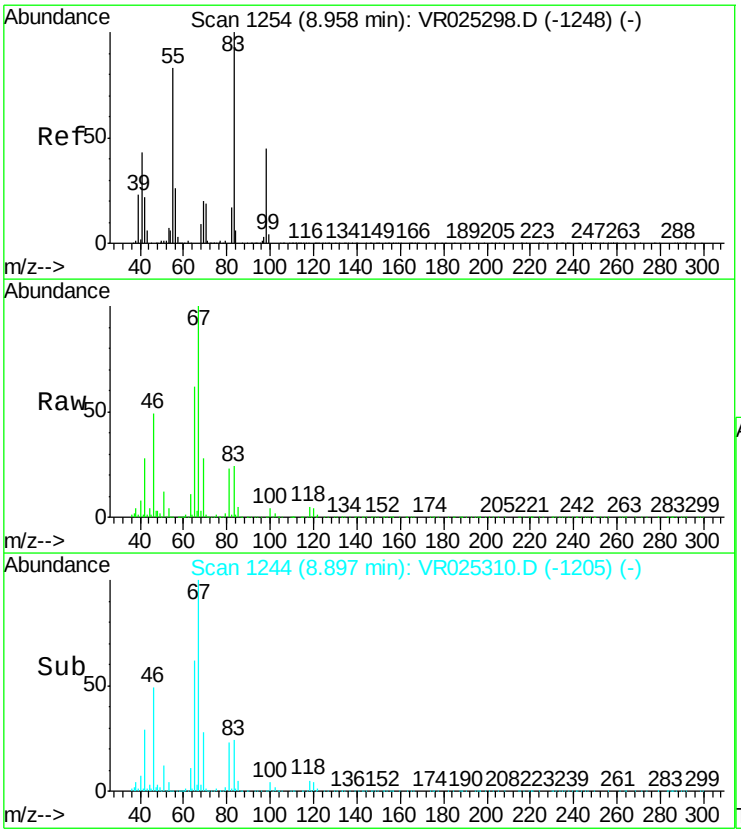

#34
Trichloroethene
Concen: 1.138 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VR025310.D
Acq: 15 Jun 2018 21:08

**Instrument :**
MSVOA_R
**ClientSampleId :**
ESWE2

Tgt Ion: 95 Resp: 55660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 56.1 | 45.6 | 84.6 |
| 132 | 95.8 | 60.9 | 113.1 |
| 130 | 90.5 | 62.0 | 115.2 |

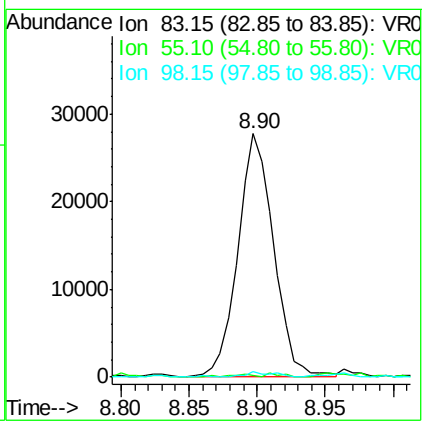


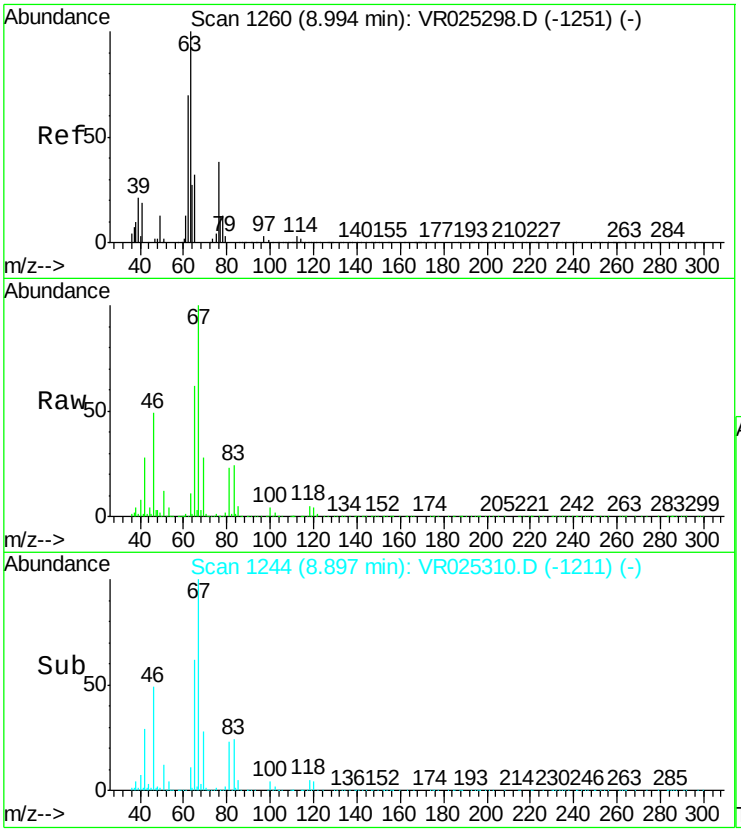




#35
Methylcyclohexane
Concen: 0.655 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025310.D
Acq: 15 Jun 2018 21:08

Tgt Ion: 83 Resp: 50556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.8 | 66.1 | 99.1# |
| 98 | 2.0 | 36.2 | 54.4# |



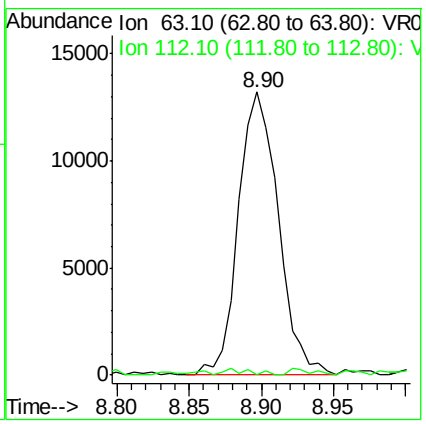


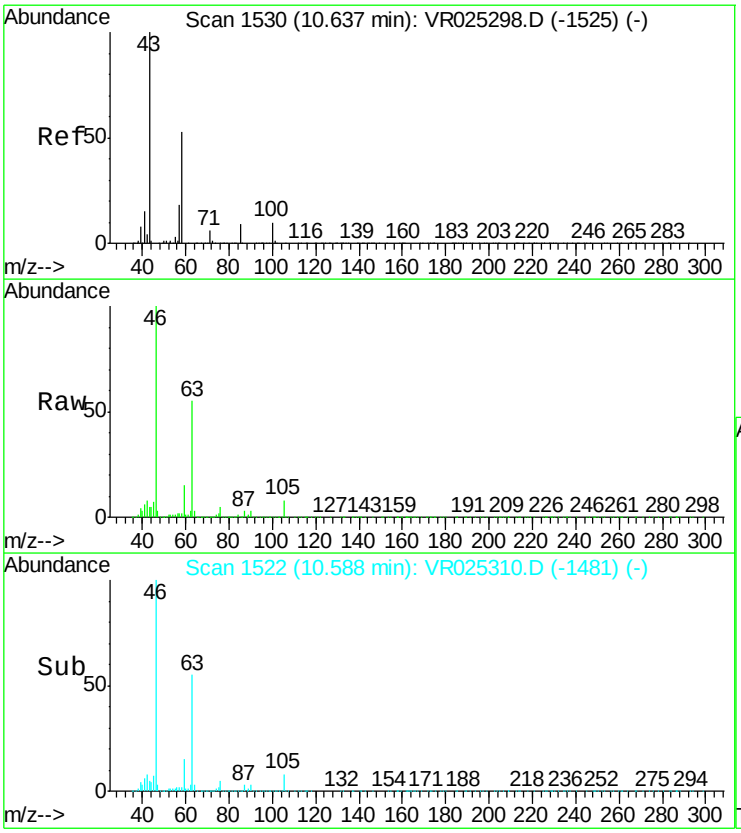

#37
1,2-Dichloropropane
Concen: 0.563 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025310.D
Acq: 15 Jun 2018 21:08

**Instrument :** MSVOA_R
**ClientSampleId :** ESWE2

Tgt Ion: 63 Resp: 25310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 1.5 | 2.9 | 4.3# |




#48
2-Hexanone
Concen: 2.750 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025310.D
Acq: 15 Jun 2018 21:08

Tgt Ion: 43 Resp: 25501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.9 | 43.1 | 64.7# |
| 57 | 33.2 | 15.3 | 22.9# |
| 100 | 2.8 | 7.9 | 11.9# |