Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
Data File : VR025342.D
Acq On : 17 Jun 2018 2:49
Operator : SY/MD
Sample : J3513-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_R
**ClientSampleId :** C0KD7

Quant Time: Jun 18 04:09:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 18 04:02:12 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.46 | 114 | 572098 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.29 | 117 | 480155 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152 | 147576 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.14 | 65 | 71115 | 3.65 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 73.00% | | | |
| 7) Chloroethane-d5 | 2.64 | 69 | 60473 | 4.22 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 84.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 3.63 | 63 | 141893 | 2.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 56.60%# | | | |
| 20) 2-Butanone-d5 | 6.59 | 46 | 273572 | 52.38 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 104.76% | | | |
| 24) Chloroform-d | 7.20 | 84 | 293191 | 4.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 80.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 7.89 | 65 | 119629 | 4.29 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 85.80% | | | |
| 32) Benzene-d6 | 7.85 | 84 | 575416 | 3.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 70.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 8.90 | 67 | 190311 | 4.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 82.20% | | | |
| 41) Toluene-d8 | 9.97 | 98 | 465624 | 3.23 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 64.60%# | | | |
| 43) trans-1,3-Dichloropropene- | 10.24 | 79 | 30487 | 2.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 49.60%# | | | |
| 46) 2-Hexanone-d5 | 10.59 | 63 | 217494 | 50.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 101.82% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36 | 84 | 90505 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 100.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 13.51 | 152 | 111170 | 4.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 88.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 3.65 | 96 | 12027 | 0.598 | ug/L # | 1 |
| 13) Acetone | 3.70 | 43 | 13171 | 5.583 | ug/L | 91 |
| 21) 2-Butanone | 6.69 | 43 | 1968 | 0.353 | ug/L | 80 |
| 22) cis-1,2-Dichloroethene | 6.68 | 96 | 10641 | 0.247 | ug/L # | 82 |
| 34) Trichloroethene | 8.71 | 95 | 178328 | 3.910 | ug/L | 98 |
| 35) Methylcyclohexane | 8.89 | 83 | 41218 | 0.573 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 8.90 | 63 | 19641 | 0.469 | ug/L # | 95 |
| 48) 2-Hexanone | 10.59 | 43 | 27289 | 3.157 | ug/L # | 76 |

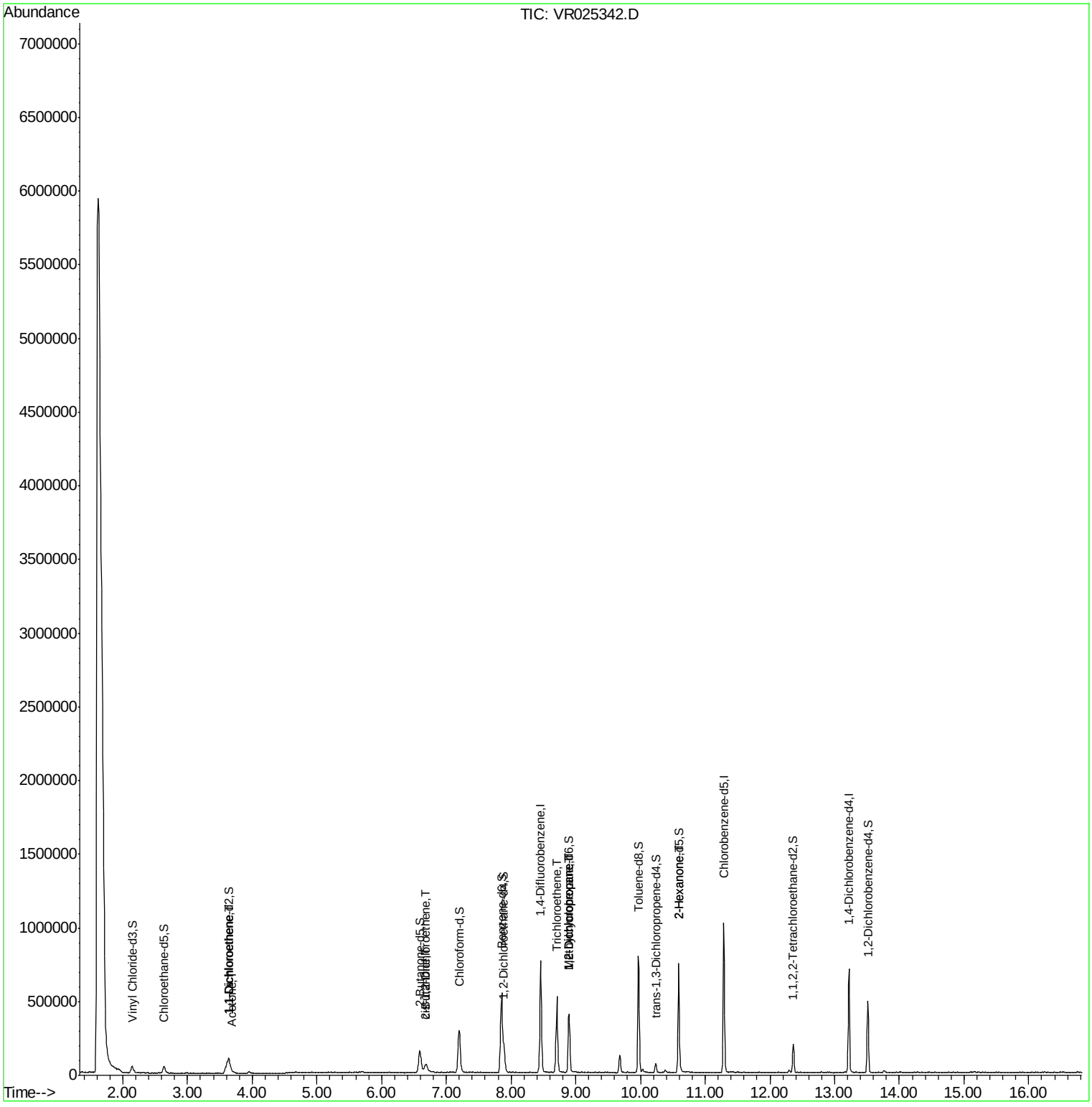
(#) = qualifier out of range (m) = manual integration (+) = signals summed

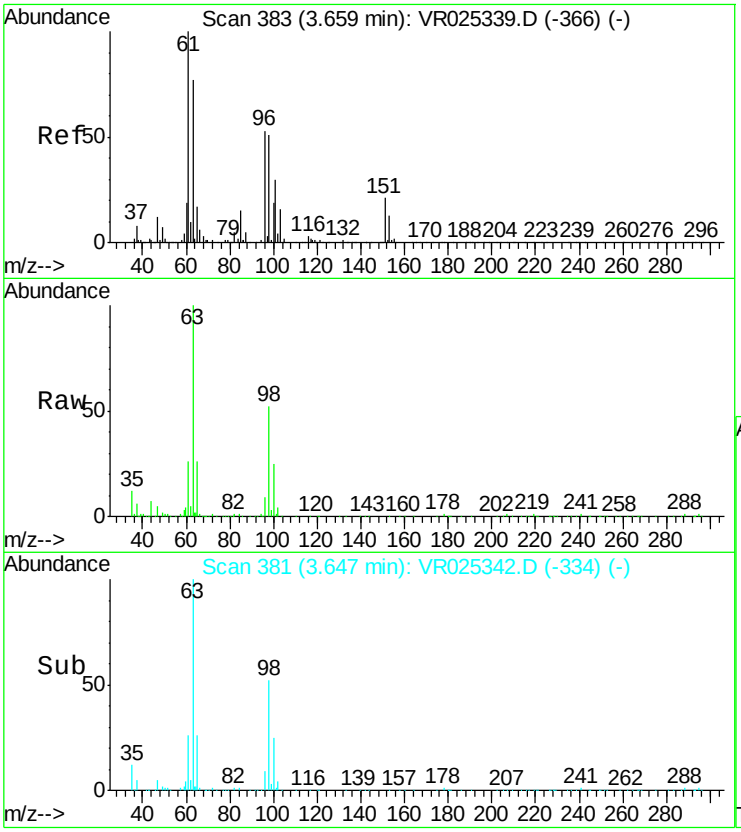
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
Data File : VR025342.D
Acq On : 17 Jun 2018 2:49
Operator : SY/MD
Sample : J3513-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_R
**ClientSampleId :**
C0KD7

Quant Time: Jun 18 04:09:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 18 04:02:12 2018
Response via : Initial Calibration



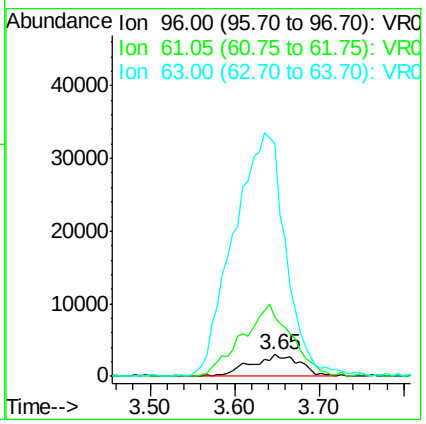


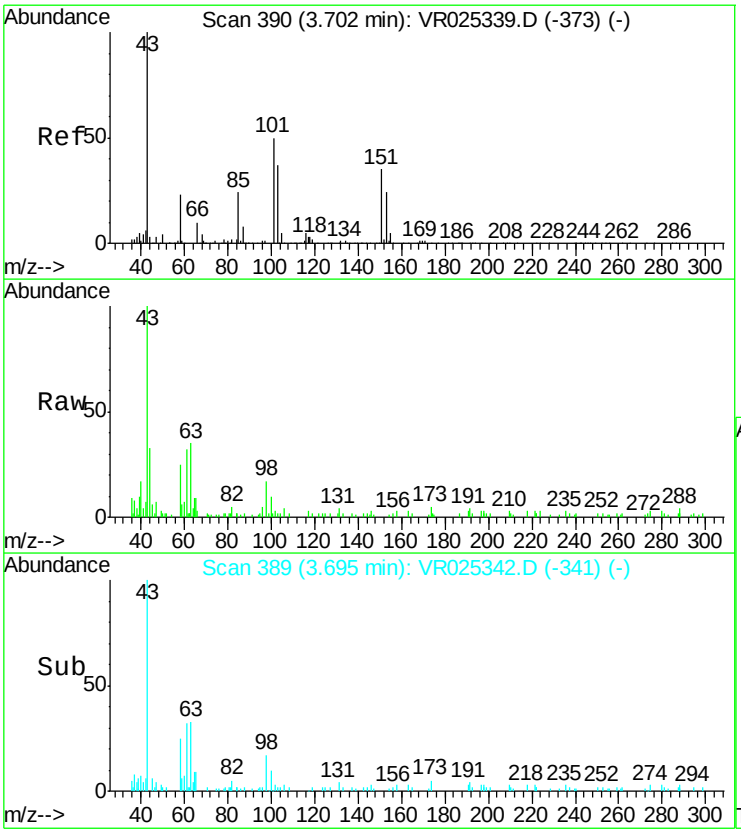

#12
1,1-Dichloroethene
Concen: 0.598 ug/L
RT: 3.65 min Scan# 381
Delta R.T. -0.01 min
Lab File: VR025342.D
Acq: 17 Jun 2018 2:49

**Instrument :** MSVOA_R
**ClientSampleId :** C0KD7

Tgt Ion: 96 Resp: 12027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 272.2 | 155.0 | 287.9 |
| 63 | 1067.3 | 122.3 | 227.1# |

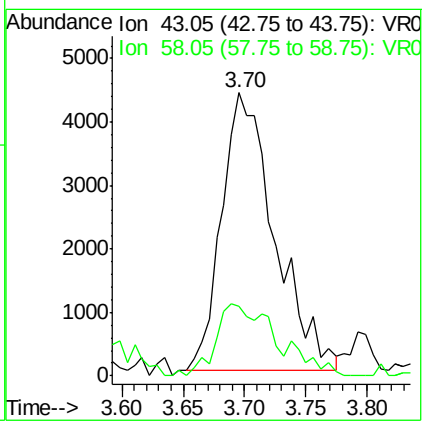


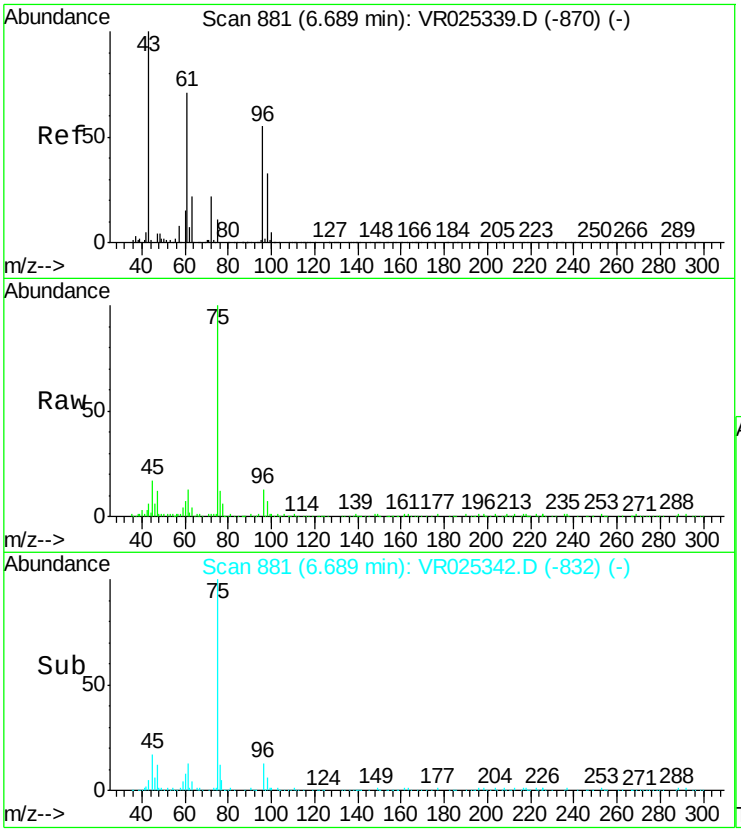




#13
Acetone
Concen: 5.583 ug/L
RT: 3.70 min Scan# 389
Delta R.T. -0.01 min
Lab File: VR025342.D
Acq: 17 Jun 2018 2:49

Tgt Ion: 43 Resp: 13171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.1 | 0.0 | 41.6 |



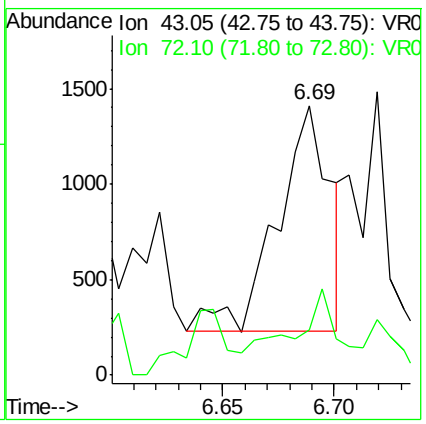


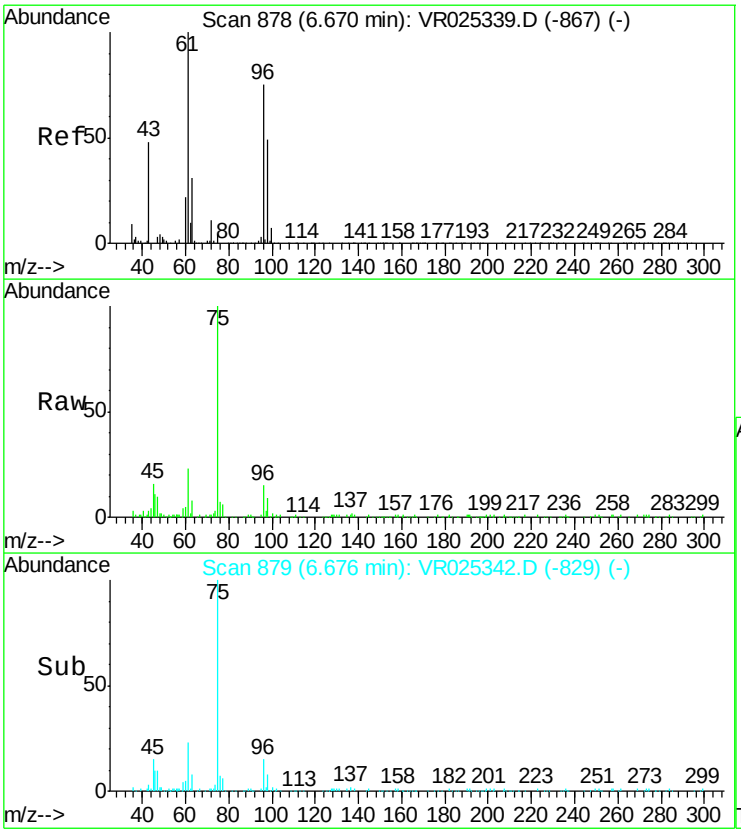

#21
2-Butanone
Concen: 0.353 ug/L
RT: 6.69 min Scan# 881
Delta R.T. 0.00 min
Lab File: VR025342.D
Acq: 17 Jun 2018 2:49

**Instrument :**
MSVOA_R
**ClientSampleId :**
C0KD7

Tgt Ion: 43 Resp: 1968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 36.3 | 13.0 | 38.9 |

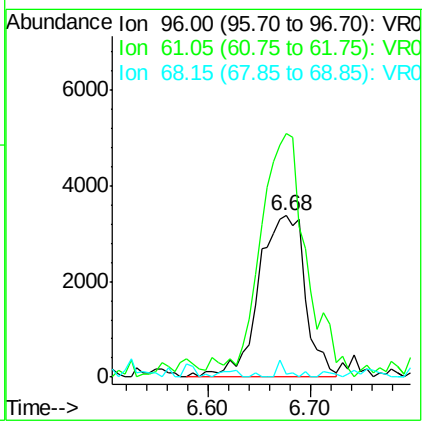


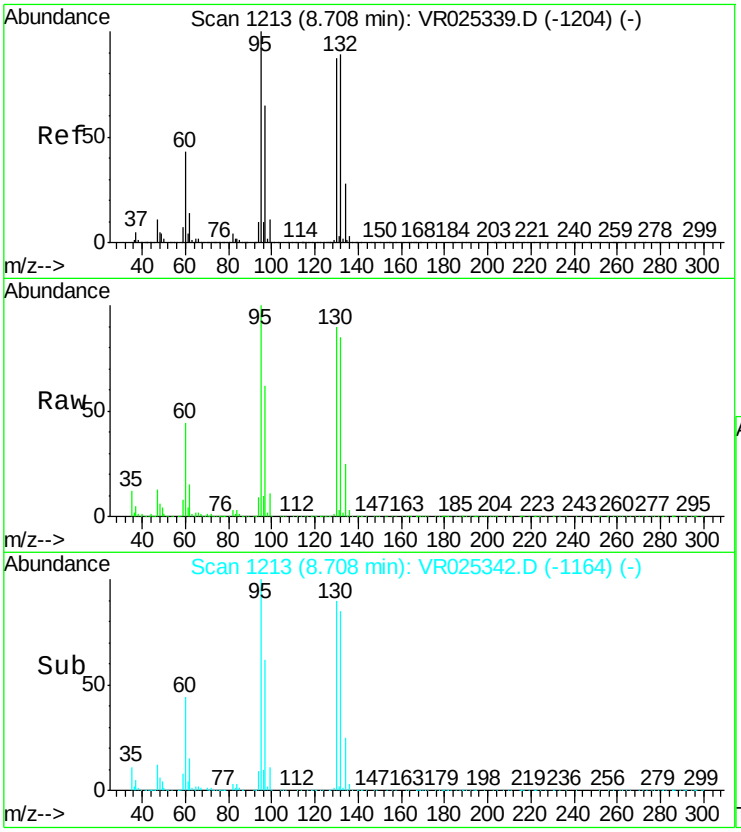




#22
cis-1,2-Dichloroethene
Concen: 0.247 ug/L
RT: 6.68 min Scan# 879
Delta R.T. 0.01 min
Lab File: VR025342.D
Acq: 17 Jun 2018 2:49

Tgt Ion: 96 Resp: 10641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 151.2 | 91.0 | 169.0 |
| 68 | 2.2 | 0.0 | 0.0# |



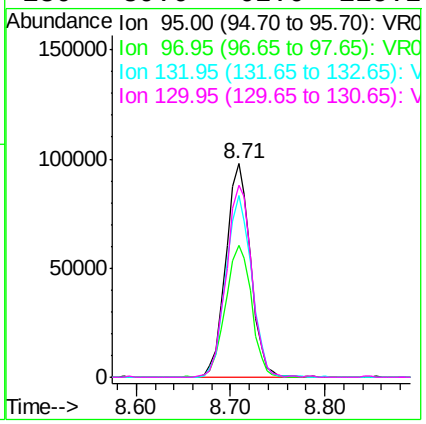


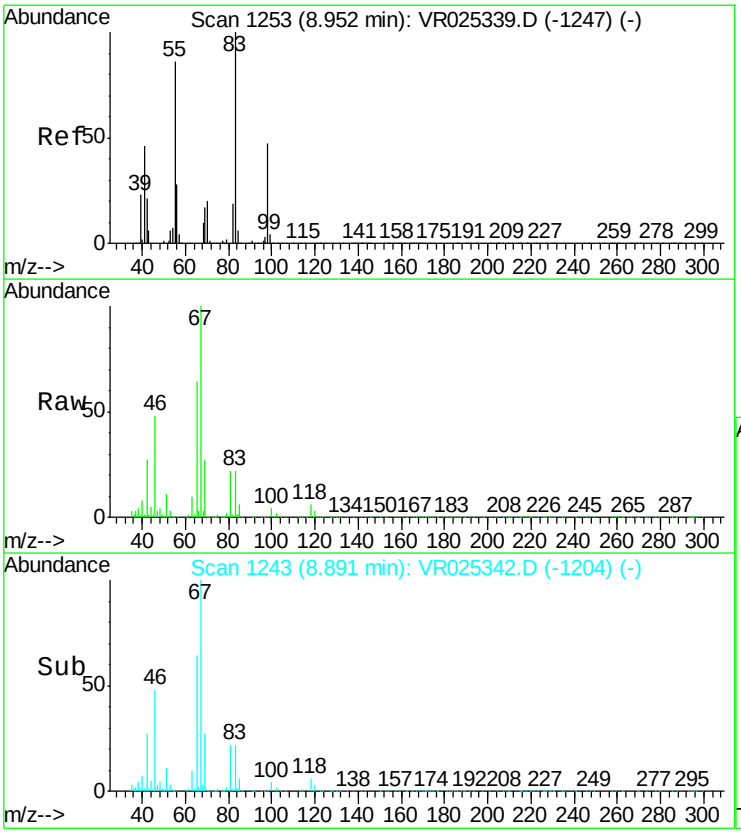

#34
Trichloroethene
Concen: 3.910 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VR025342.D
Acq: 17 Jun 2018 2:49

**Instrument :** MSVOA_R
**ClientSampleId :** C0KD7

Tgt Ion: 95 Resp: 178328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 61.9 | 45.6 | 84.6 |
| 132 | 85.3 | 60.9 | 113.1 |
| 130 | 89.6 | 62.0 | 115.2 |

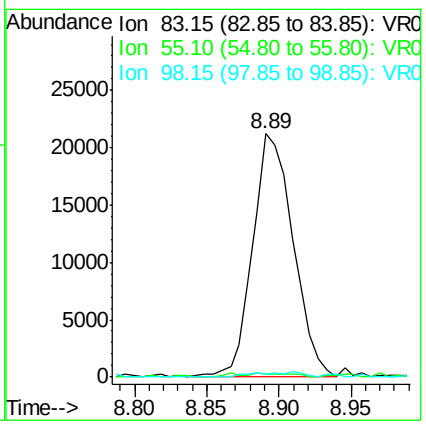


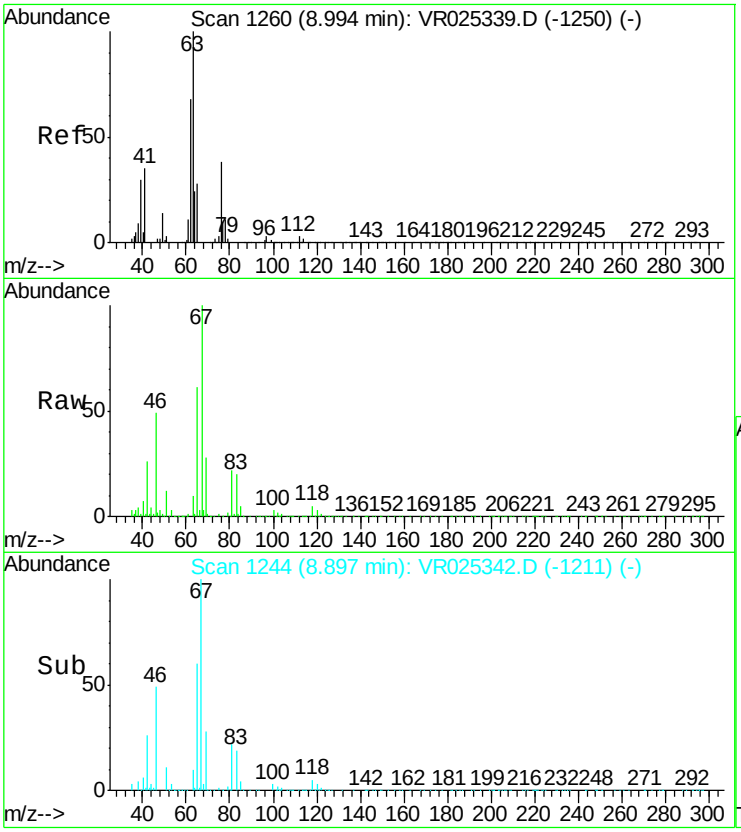




#35
Methylcyclohexane
Concen: 0.573 ug/L
RT: 8.89 min Scan# 1243
Delta R.T. -0.06 min
Lab File: VR025342.D
Acq: 17 Jun 2018 2:49

Tgt Ion: 83 Resp: 41218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 1.4 | 66.1 | 99.1# |
| 98 | 1.6 | 36.2 | 54.4# |



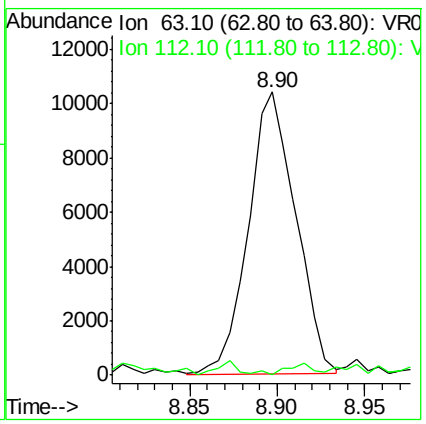


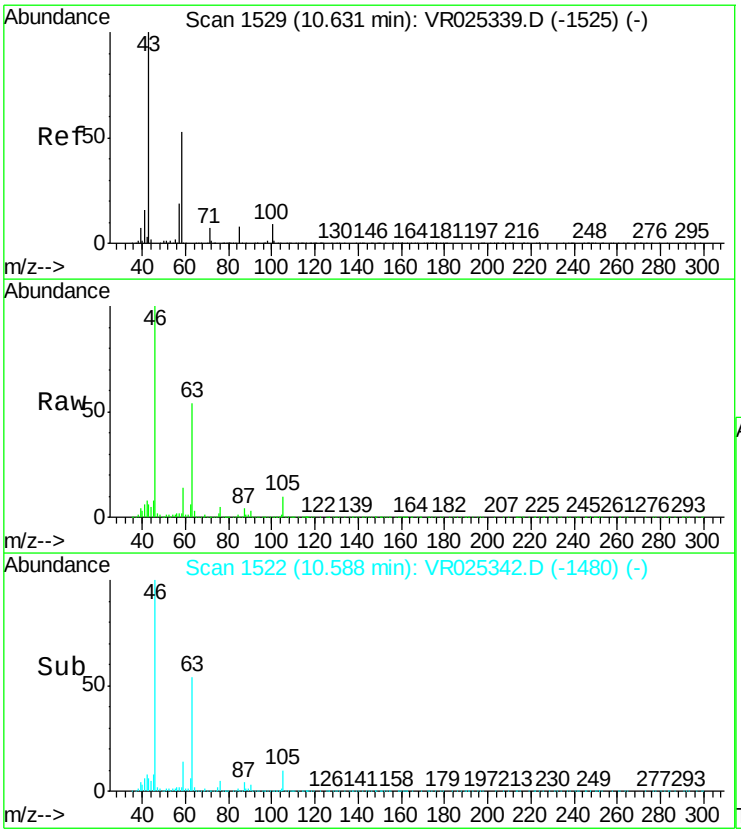

#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025342.D
Acq: 17 Jun 2018 2:49

**Instrument :** MSVOA_R
**ClientSampleId :** C0KD7

Tgt Ion: 63 Resp: 19641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 1.8 | 2.9 | 4.3# |




#48
2-Hexanone
Concen: 3.157 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.04 min
Lab File: VR025342.D
Acq: 17 Jun 2018 2:49

Tgt Ion: 43 Resp: 27289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.1 | 43.1 | 64.7# |
| 57 | 30.2 | 15.3 | 22.9# |
| 100 | 5.9 | 7.9 | 11.9# |