Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101118\
Data File : VR026039.D
Acq On : 11 Oct 2018 11:59
Operator : SY/MD
Sample : J5379-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Oct 12 08:09:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 12 08:06:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.46 | 114 | 486444 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.29 | 117 | 415895 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152 | 141837 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.15 | 65 | 187371 | 4.88 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 97.60% | | | |
| 7) Chloroethane-d5 | 2.63 | 69 | 170484 | 5.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 108.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 3.63 | 63 | 353645 | 3.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 78.60% | | | |
| 20) 2-Butanone-d5 | 6.59 | 46 | 198897 | 46.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 93.02% | | | |
| 24) Chloroform-d | 7.20 | 84 | 306153 | 4.59 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 7.90 | 65 | 138503 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.40% | | | |
| 32) Benzene-d6 | 7.86 | 84 | 625455 | 4.52 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 8.90 | 67 | 174638 | 4.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 93.60% | | | |
| 41) Toluene-d8 | 9.97 | 98 | 573501 | 4.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.20% | | | |
| 43) trans-1,3-Dichloropropene- | 10.24 | 79 | 40042 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 94.60% | | | |
| 46) 2-Hexanone-d5 | 10.59 | 63 | 160904 | 49.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 99.66% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36 | 84 | 66341 | 4.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 87.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 13.52 | 152 | 107192 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 94.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 2.02 | 50 | 7500 | 0.178 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 3.64 | 96 | 6393 | 0.174 | ug/L # | 1 |
| 13) Acetone | 3.70 | 43 | 10613 | 3.424 | ug/L | 95 |
| 15) Methyl Acetate | 4.19 | 43 | 738 | 0.086 | ug/L # | 67 |
| 18) trans-1,2-Dichloroethene | 4.87 | 96 | 6957 | 0.229 | ug/L # | 46 |
| 19) 1,1-Dichloroethane | 5.70 | 63 | 7288 | 0.121 | ug/L | 97 |
| 22) cis-1,2-Dichloroethene | 6.68 | 96 | 340286 | 11.135 | ug/L | 98 |
| 25) Chloroform | 7.23 | 83 | 8879 | 0.152 | ug/L | 82 |
| 29) 1,1,1-Trichloroethane | 7.43 | 97 | 92536 | 1.979 | ug/L | 95 |
| 31) Carbon tetrachloride | 7.43 | 117 | 10095 | 0.249 | ug/L | 87 |
| 34) Trichloroethene | 8.71 | 95 | 1393085 | 37.901 | ug/L | 89 |
| 35) Methylcyclohexane | 8.90 | 83 | 41243 | 0.746 | ug/L # | 15 |
| 37) 1,2-Dichloropropane | 8.90 | 63 | 22354 | 0.747 | ug/L # | 93 |
| 44) trans-1,3-Dichloropropene | 10.23 | 75 | 2407 | 0.110 | ug/L # | 80 |
| 48) 2-Hexanone | 10.59 | 43 | 25276 | 3.669 | ug/L # | 71 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
Data File : VR026039.D
Acq On : 11 Oct 2018 11:59
Operator : SY/MD
Sample : J5379-07
Misc : 25mL/MSVOA R/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Oct 12 08:09:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 12 08:06:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

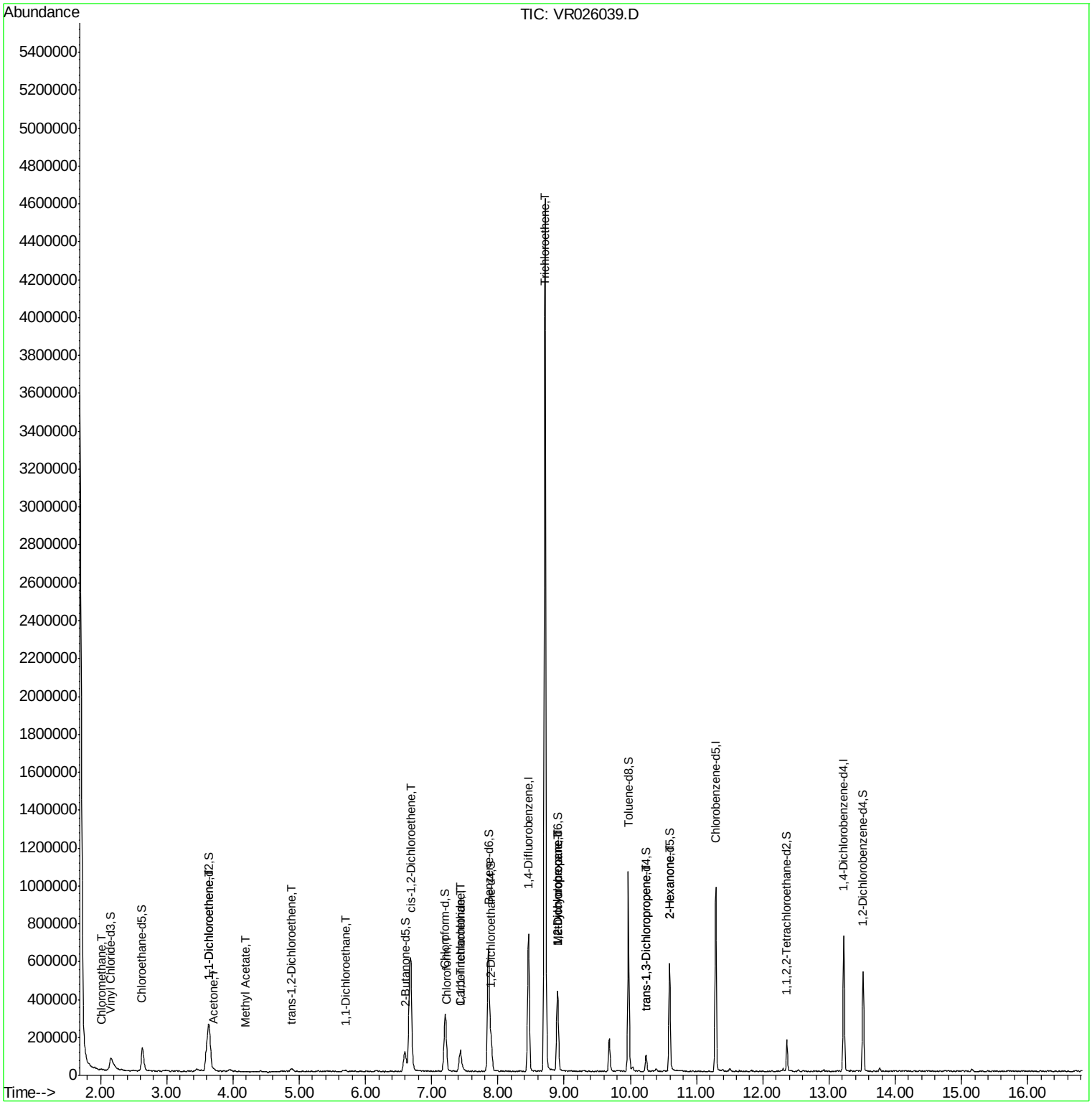
(#) = qualifier out of range (m) = manual integration (+) = signals summed

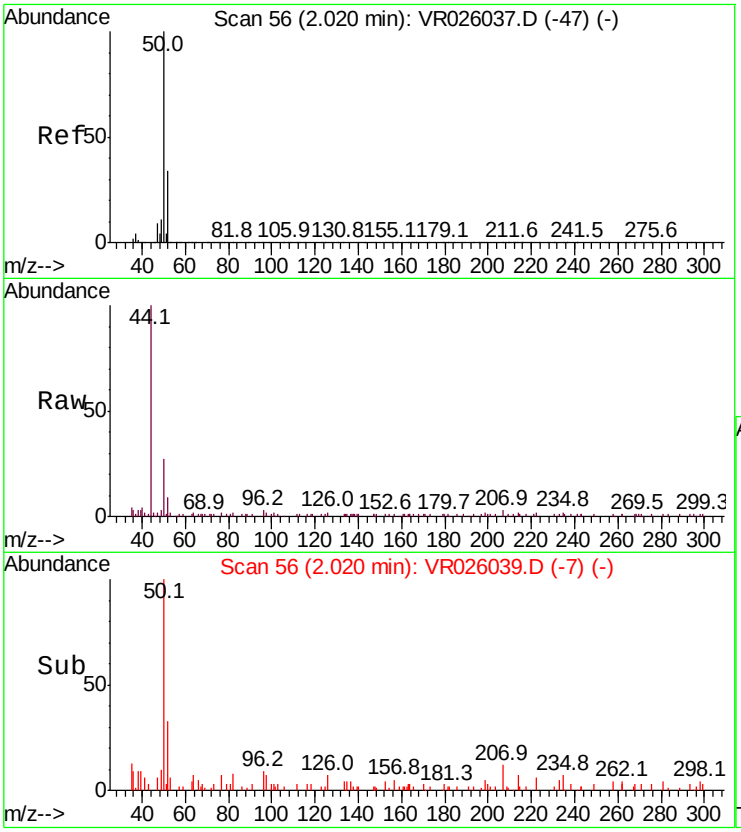
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101118\
Data File : VR026039.D
Acq On : 11 Oct 2018 11:59
Operator : SY/MD
Sample : J5379-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Oct 12 08:09:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 12 08:06:28 2018
Response via : Initial Calibration



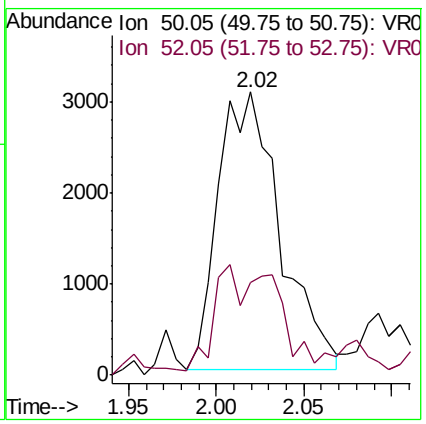


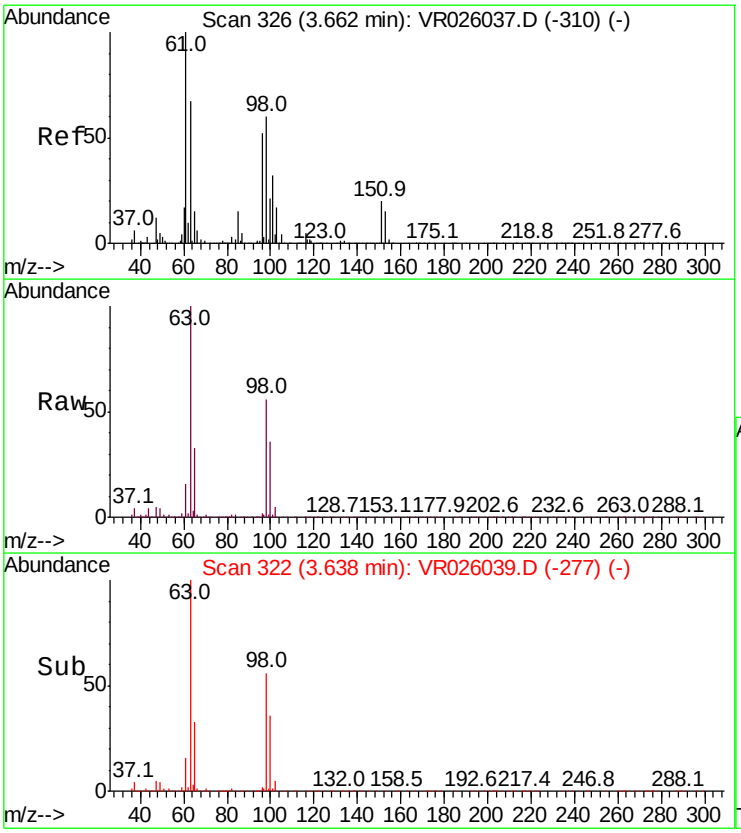

#3
Chloromethane
Concen: 0.178 ug/L
RT: 2.02 min Scan# 56
Delta R.T. 0.00 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

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

Tgt Ion: 50 Resp: 7500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.8 | 22.1 | 41.1 |

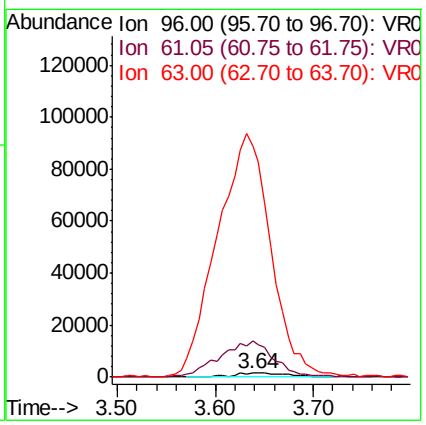


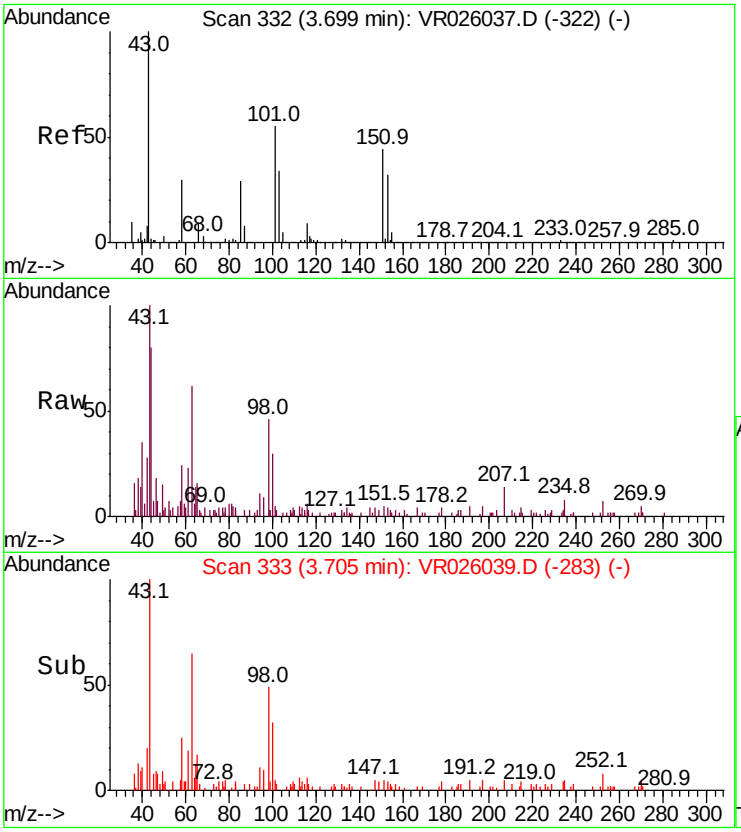




#12
1,1-Dichloroethene
Concen: 0.174 ug/L
RT: 3.64 min Scan# 322
Delta R.T. -0.02 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

Tgt Ion: 96 Resp: 6393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 902.3 | 145.0 | 269.4# |
| 63 | 5749.9 | 123.8 | 230.0# |



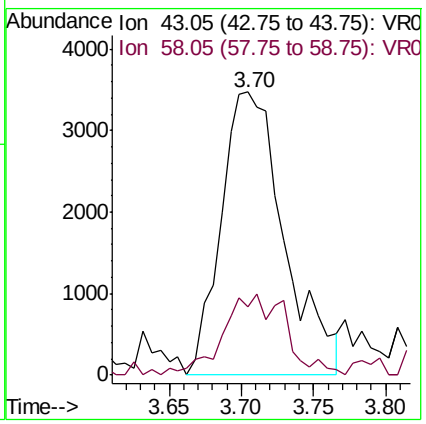


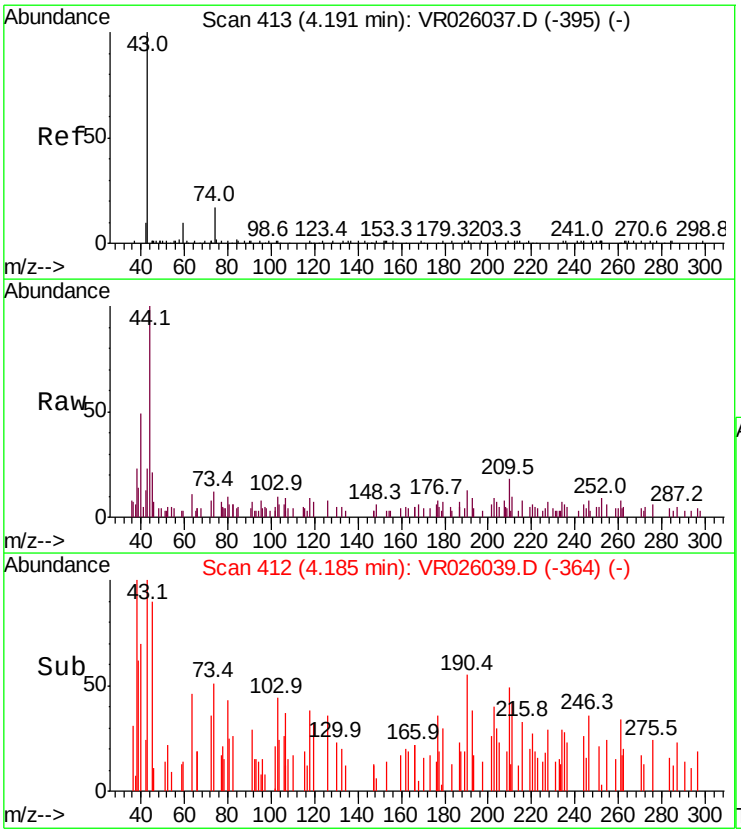

#13
Acetone
Concen: 3.424 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.01 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

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

Tgt Ion: 43 Resp: 10613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.2 | 0.0 | 51.4 |

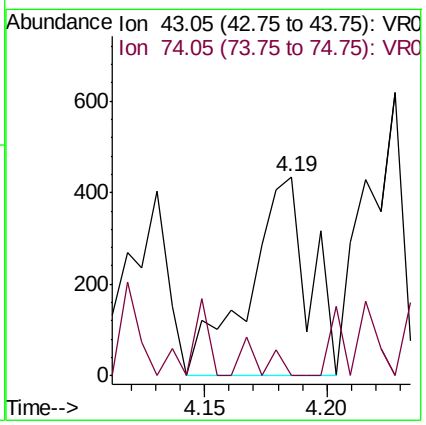


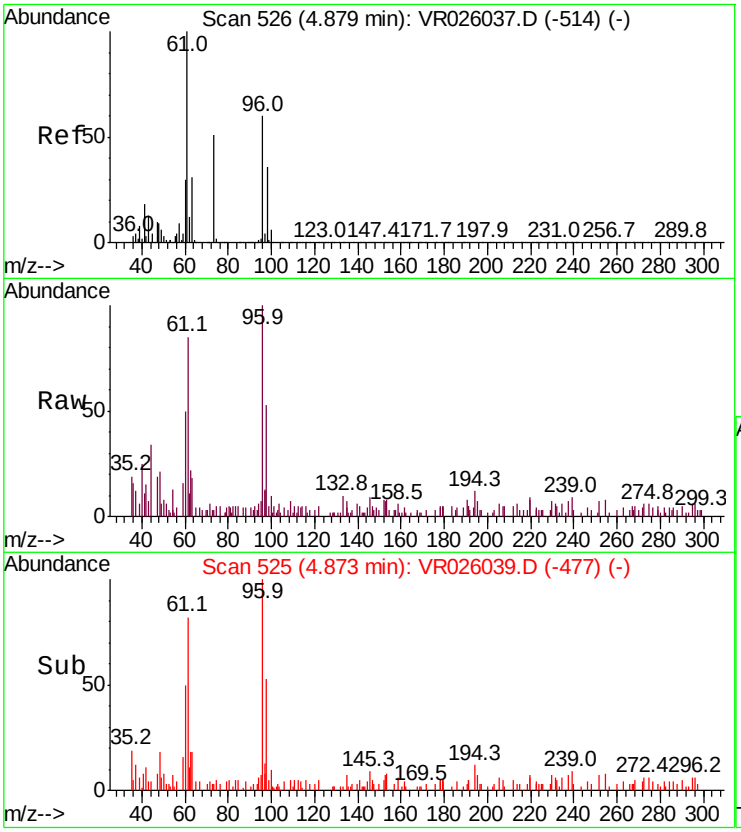




#15
Methyl Acetate
Concen: 0.086 ug/L
RT: 4.19 min Scan# 412
Delta R.T. -0.01 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

Tgt Ion: 43 Resp: 738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 7.5 | 19.0 | 28.4# |



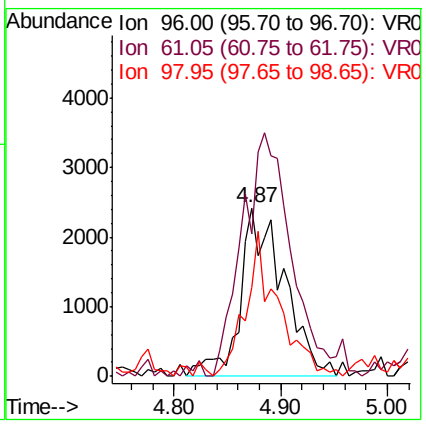


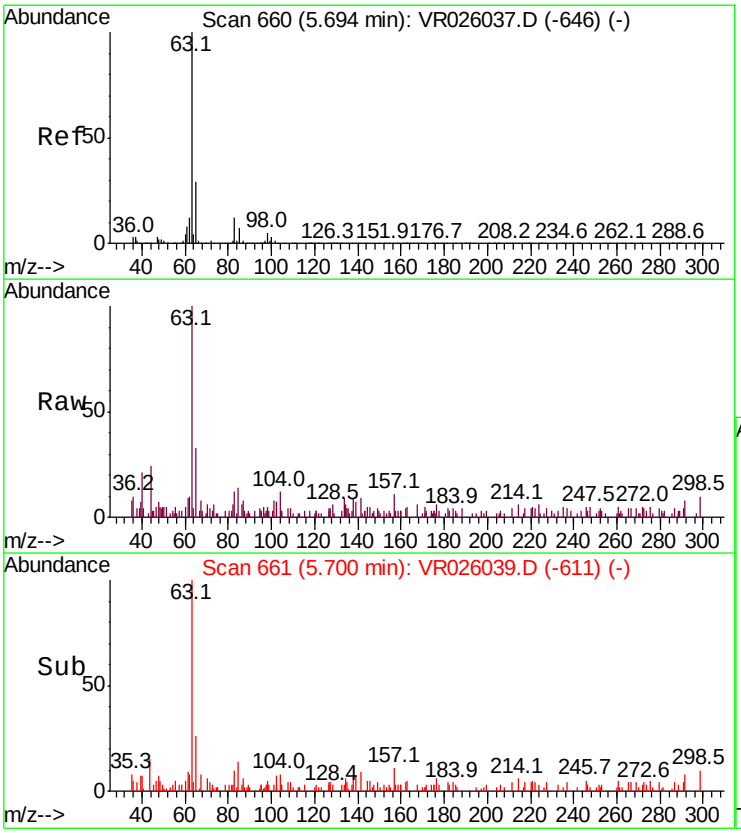

#18
trans-1,2-Dichloroethene
Concen: 0.229 ug/L
RT: 4.87 min Scan# 525
Delta R.T. -0.01 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

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

Tgt Ion: 96 Resp: 6957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 84.6 | 127.4 | 236.6# |
| 98 | 52.7 | 43.8 | 81.3 |

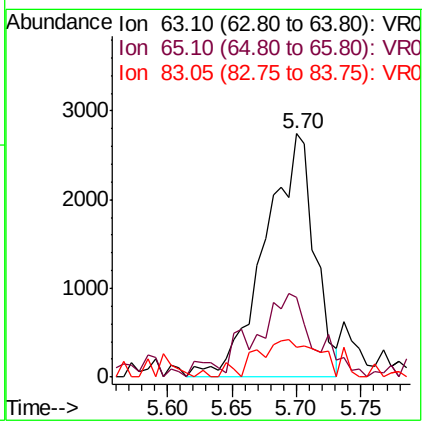


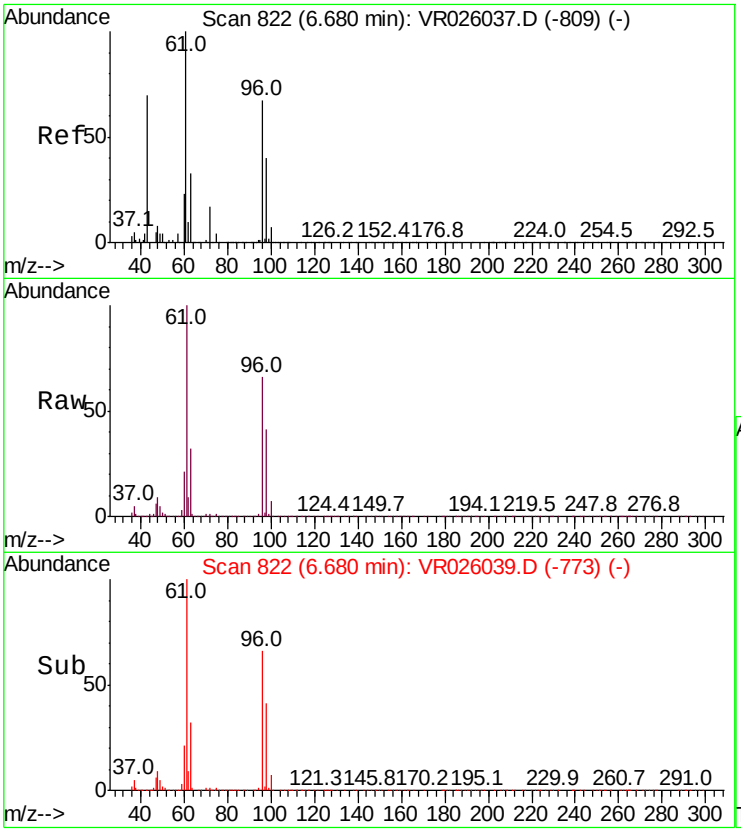




#19
1,1-Dichloroethane
Concen: 0.121 ug/L
RT: 5.70 min Scan# 661
Delta R.T. 0.01 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

Tgt Ion: 63 Resp: 7288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.5 | 21.1 | 39.1 |
| 83 | 12.4 | 8.9 | 16.5 |



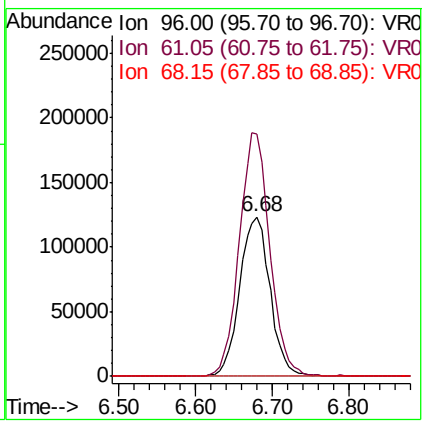


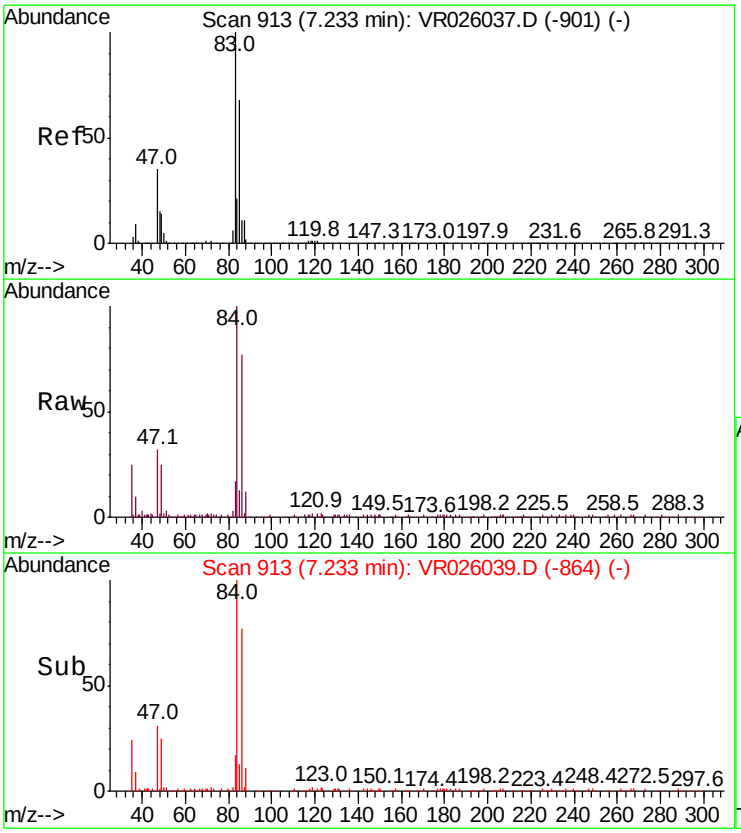

#22
cis-1,2-Dichloroethene
Concen: 11.135 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.00 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

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

Tgt Ion: 96 Resp: 340286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.3 | 108.7 | 201.9 |
| 68 | 0.1 | 0.1 | 0.1 |

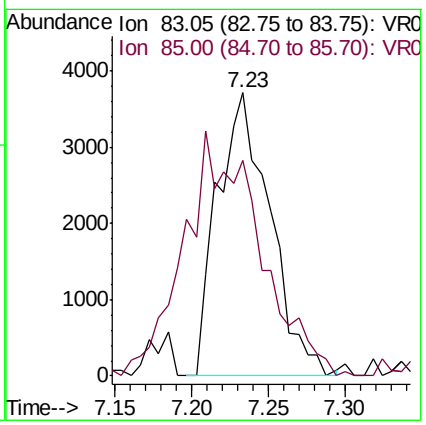


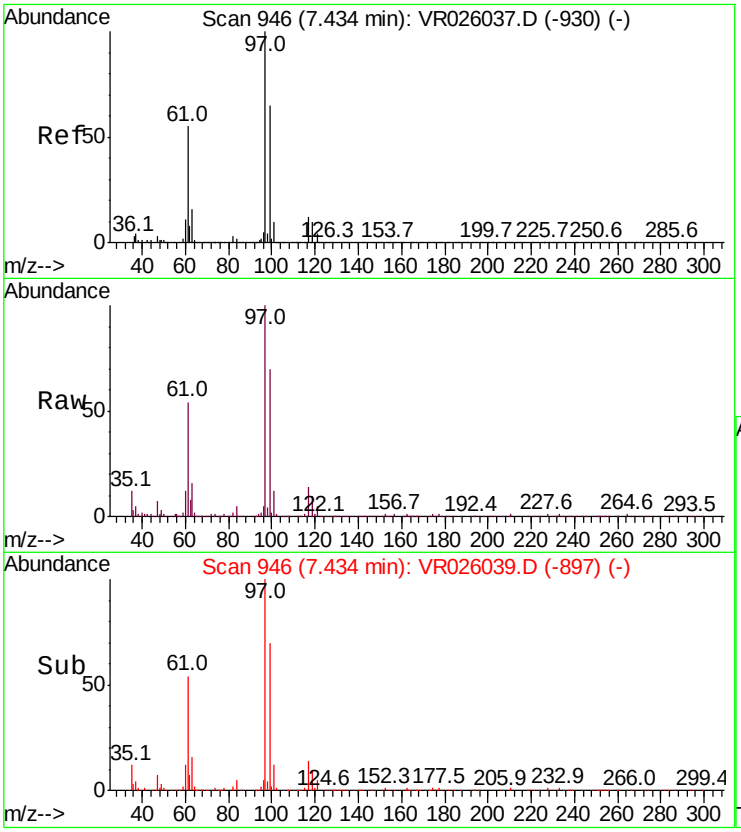




#25
Chloroform
Concen: 0.152 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.00 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

Tgt Ion: 83 Resp: 8879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 76.2 | 43.8 | 81.4 |



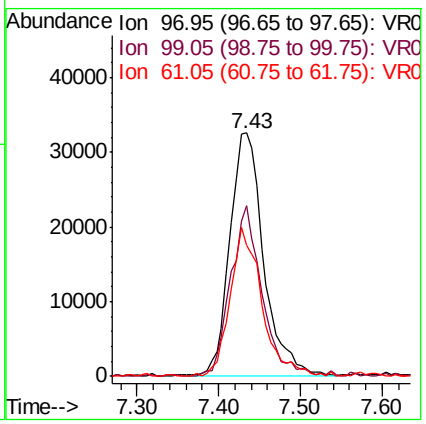


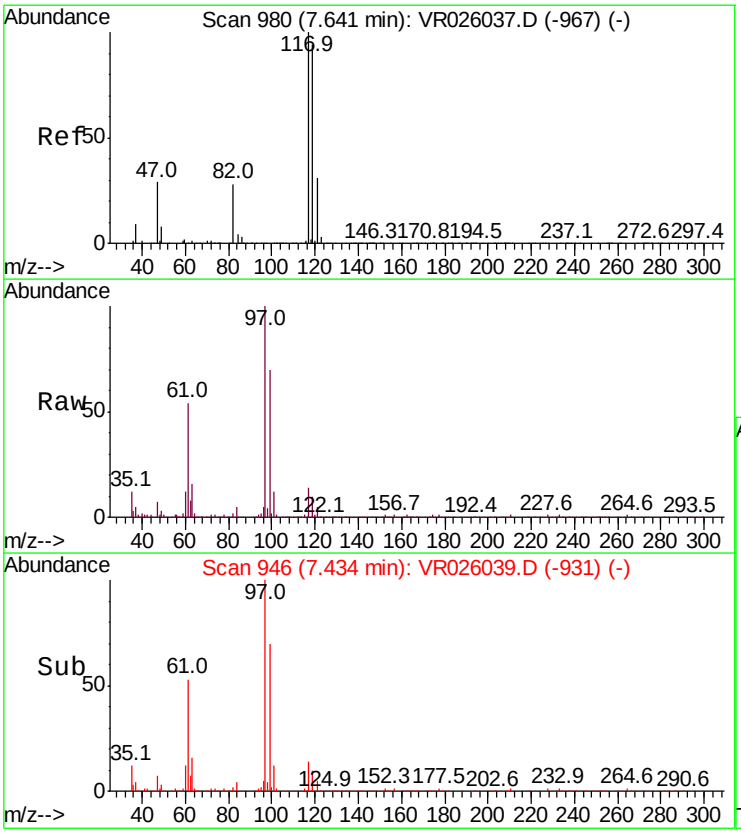

#29
1,1,1-Trichloroethane
Concen: 1.979 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

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

Tgt Ion: 97 Resp: 92536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.5 | 51.0 | 76.6 |
| 61 | 57.5 | 41.6 | 62.4 |

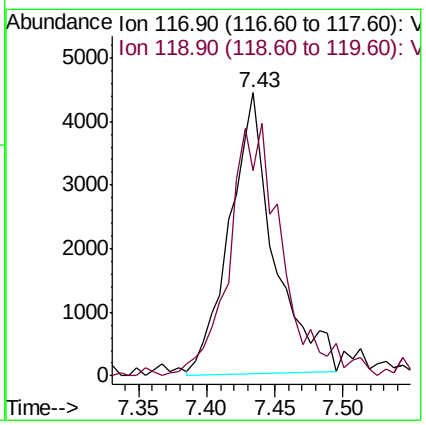


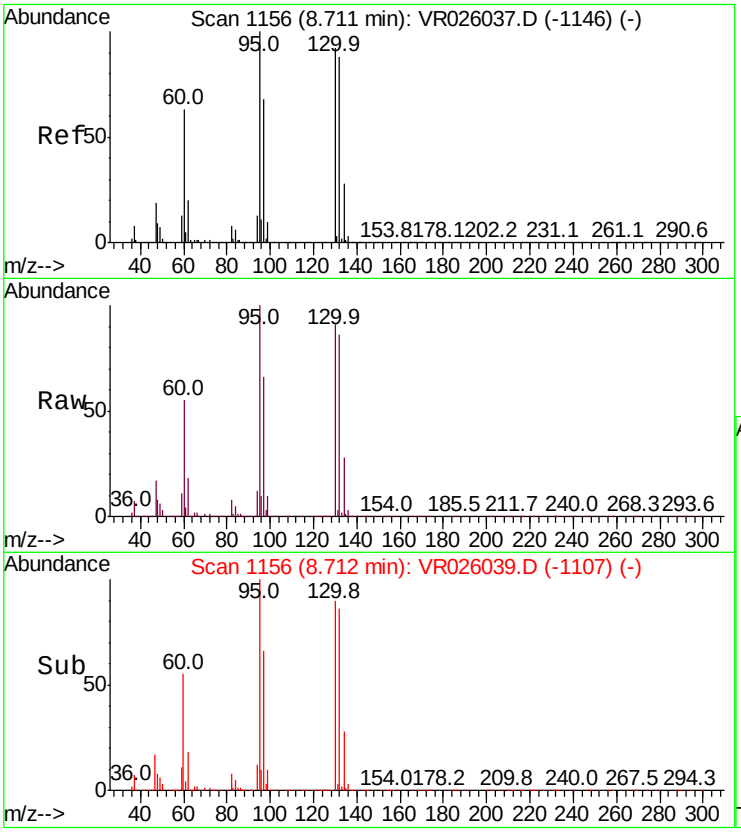




#31
Carbon tetrachloride
Concen: 0.249 ug/L
RT: 7.43 min Scan# 946
Delta R.T. -0.21 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

Tgt Ion:117 Resp: 10095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 106.8 | 75.6 | 113.4 |



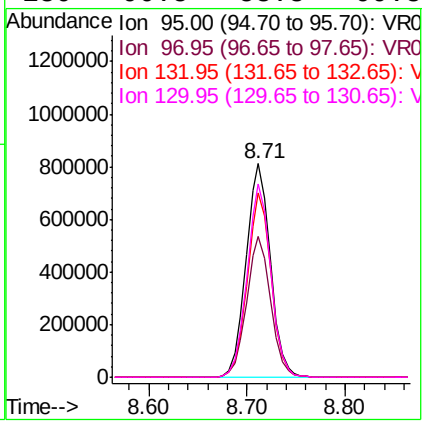


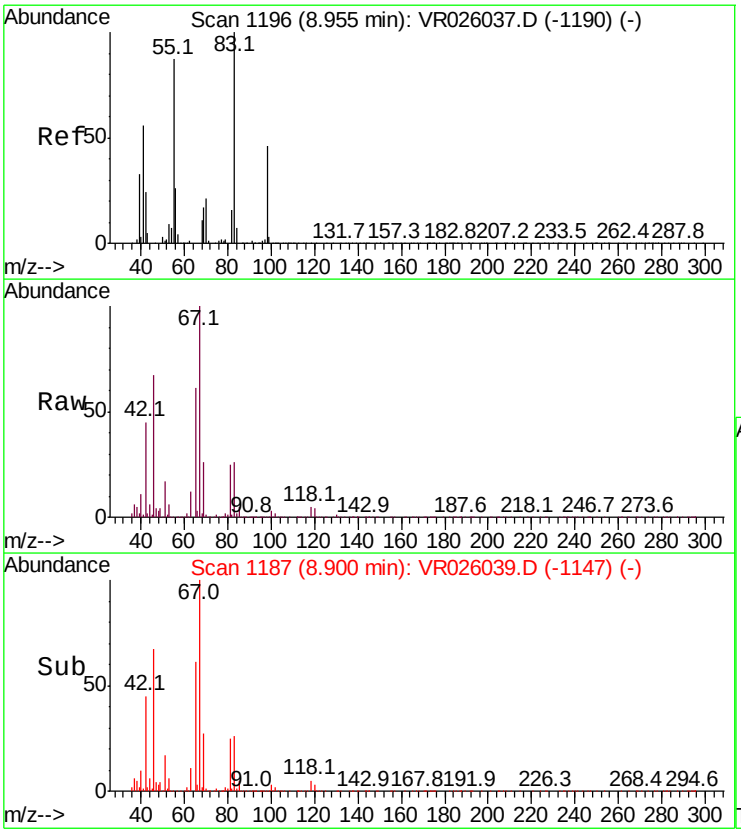

#34
Trichloroethene
Concen: 37.901 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

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

Tgt Ion: 95 Resp: 1393085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 65.8 | 43.9 | 81.5 |
| 132 | 86.4 | 53.3 | 98.9 |
| 130 | 90.5 | 53.8 | 99.8 |

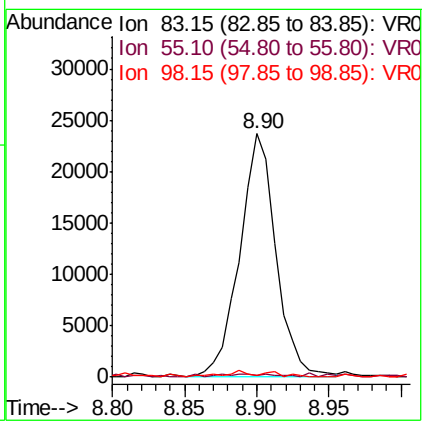


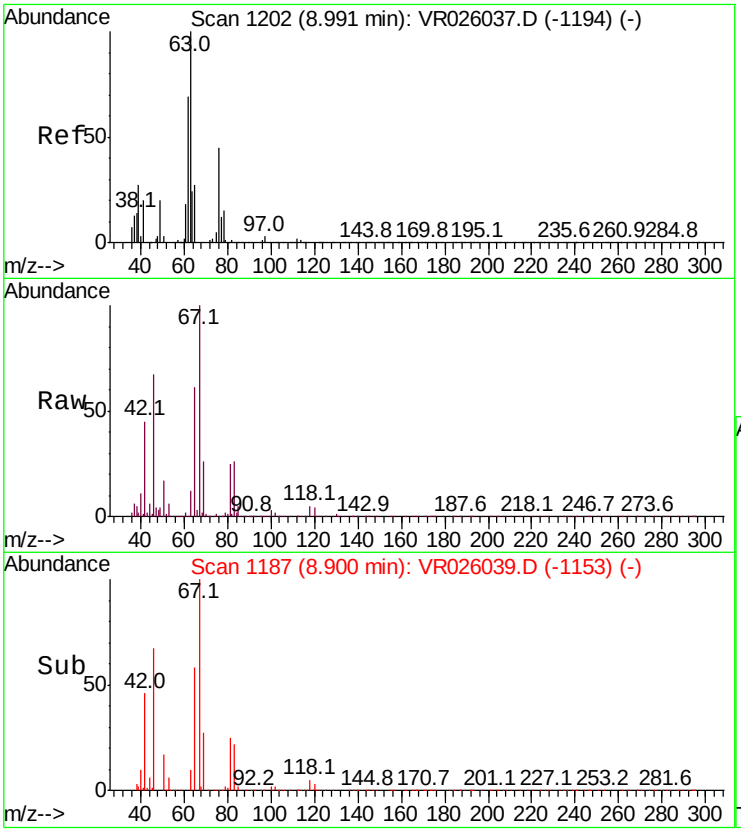




#35
Methylcyclohexane
Concen: 0.746 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

Tgt Ion: 83 Resp: 41243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 2.0 | 71.8 | 107.6# |
| 98 | 0.0 | 34.2 | 51.4# |



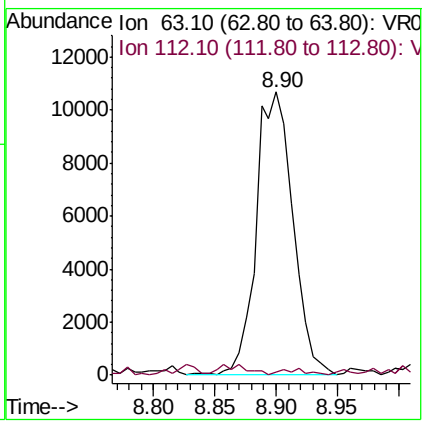


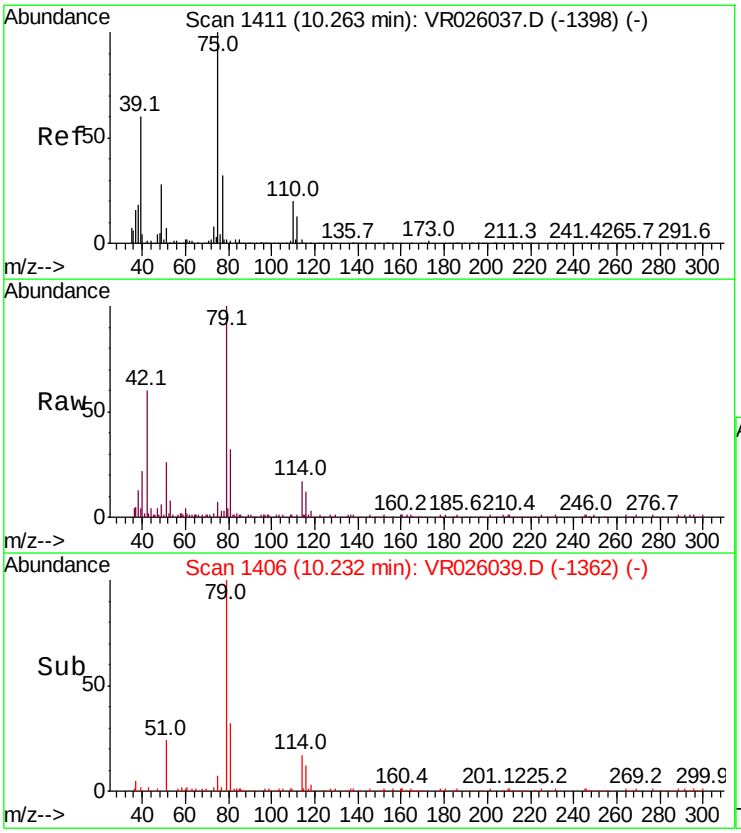

#37
1,2-Dichloropropane
Concen: 0.747 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

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

Tgt Ion: 63 Resp: 22354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.7 | 2.5 | 3.7# |

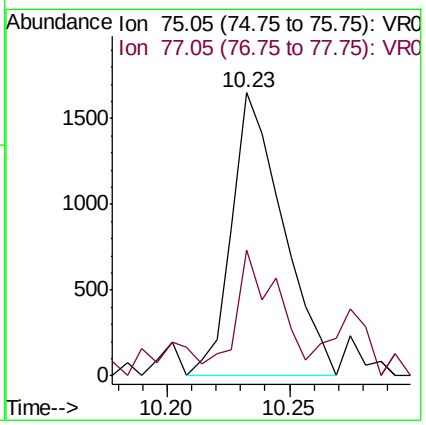


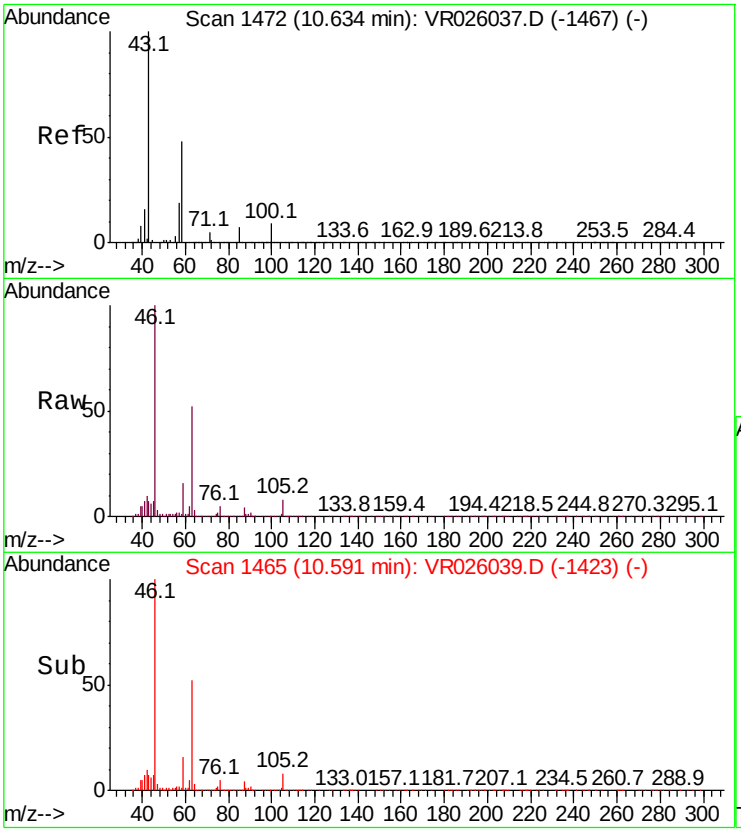




#44
trans-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 10.23 min Scan# 1406
Delta R.T. -0.03 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

Tgt Ion: 75 Resp: 2407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.3 | 23.0 | 42.8# |






#48
2-Hexanone
Concen: 3.669 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026039.D
Acq: 11 Oct 2018 11:59

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

Tgt Ion: 43 Resp: 25276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.3 | 39.5 | 59.3# |
| 57 | 25.4 | 14.6 | 21.8# |
| 100 | 1.9 | 6.7 | 10.1# |