Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092518\

Quantitation Report (Not Reviewed)

Data File : VV007865.D
Acq On : 25 Sep 2018 20:05
Operator : SY/MD
Sample : J5045-15
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VHBLK01

Quant Time: Sep 26 05:00:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 186645 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 182248 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 91382 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 55034 | 47.04 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 94.08% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 51085 | 50.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 101.12% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.14 | 63 | 93993 | 37.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 75.40% | | | |
| 21) 2-Butanone-d5 | 3.95 | 46 | 68910 | 87.39 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 87.39% | | | |
| 24) Chloroform-d | 4.41 | 84 | 108660 | 44.71 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 89.42% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 89720 | 51.77 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 103.54% | | | |
| 32) Benzene-d6 | 5.11 | 84 | 245839 | 50.37 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 100.74% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.13 | 67 | 77808 | 50.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 101.82% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 239496 | 48.68 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 97.36% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 33450 | 45.97 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 91.94% | | | |
| 47) 2-Hexanone-d5 | 8.14 | 63 | 59940 | 92.86 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 92.86% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 107290 | 47.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 95.12% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 104068 | 51.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 102.46% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 2.14 | 101 | 937 | 0.409 | ug/L # | 30 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 937 | 0.732 | ug/L # | 15 |
| 12) 1,1-Dichloroethene | 2.14 | 96 | 669 | 0.583 | ug/L # | 1 |
| 25) Chloroform | 4.44 | 83 | 16315 | 6.538 | ug/L | 94 |
| 35) Methylcyclohexane | 6.13 | 83 | 18614 | 8.728 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.13 | 63 | 9341 | 7.147 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.04 | 75 | 2142 | 1.129 | ug/L # | 78 |
| 44) trans-1,3-Dichloropropene | 7.67 | 75 | 1535 | 0.814 | ug/L | 97 |
| 46) Tetrachloroethene | 8.02 | 164 | 1264 | 0.968 | ug/L | 91 |
| 48) 2-Hexanone | 8.14 | 43 | 8492 | 5.817 | ug/L # | 75 |
| 49) Dibromochloromethane | 8.02 | 129 | 955 | 0.669 | ug/L # | 10 |
| 59) 1,2,3-Trichloropropane | 11.30 | 75 | 9917 | 5.700 | ug/L # | 86 |

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

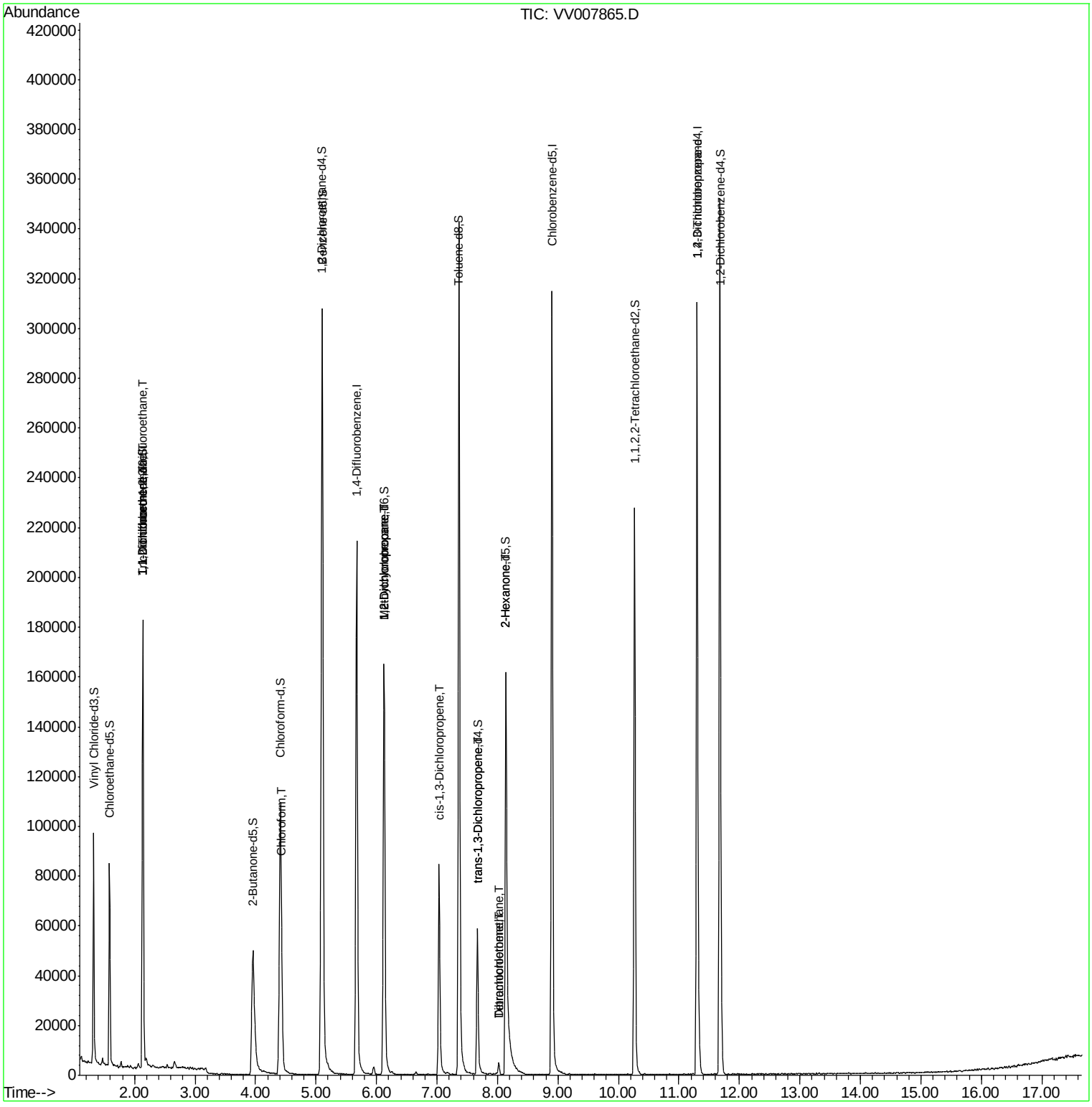
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092518\

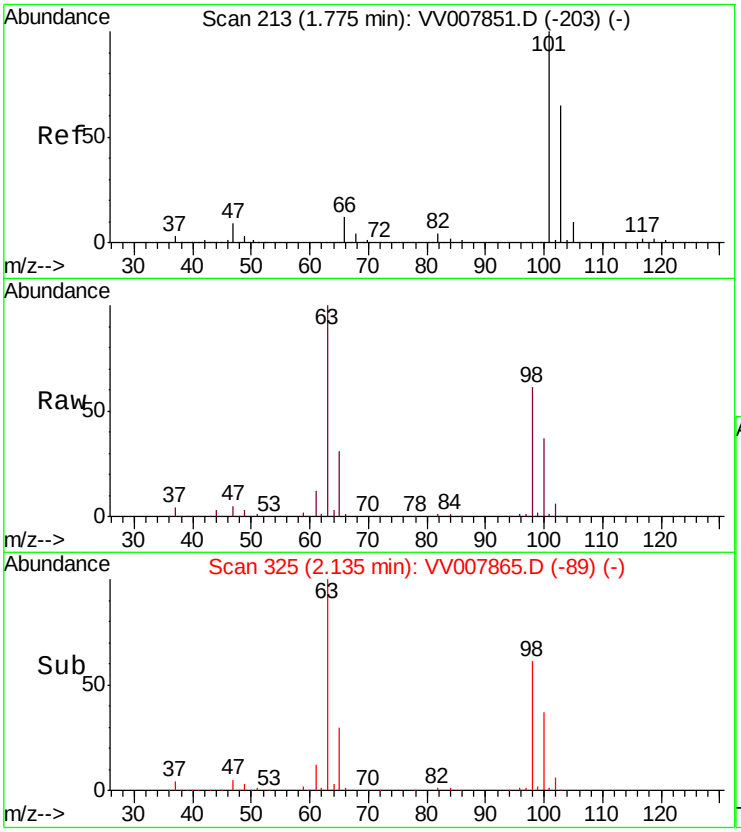
Quantitation Report (Not Reviewed)

Data File : VV007865.D
Acq On : 25 Sep 2018 20:05
Operator : SY/MD
Sample : J5045-15
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VHBLK01

Quant Time: Sep 26 05:00:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration



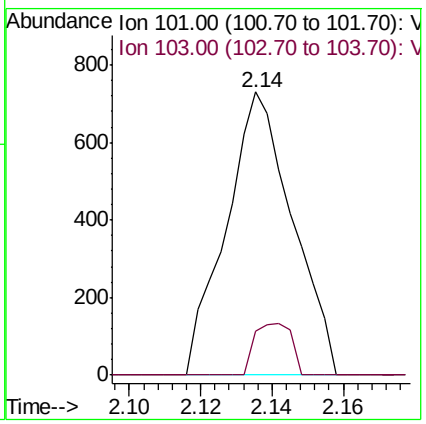


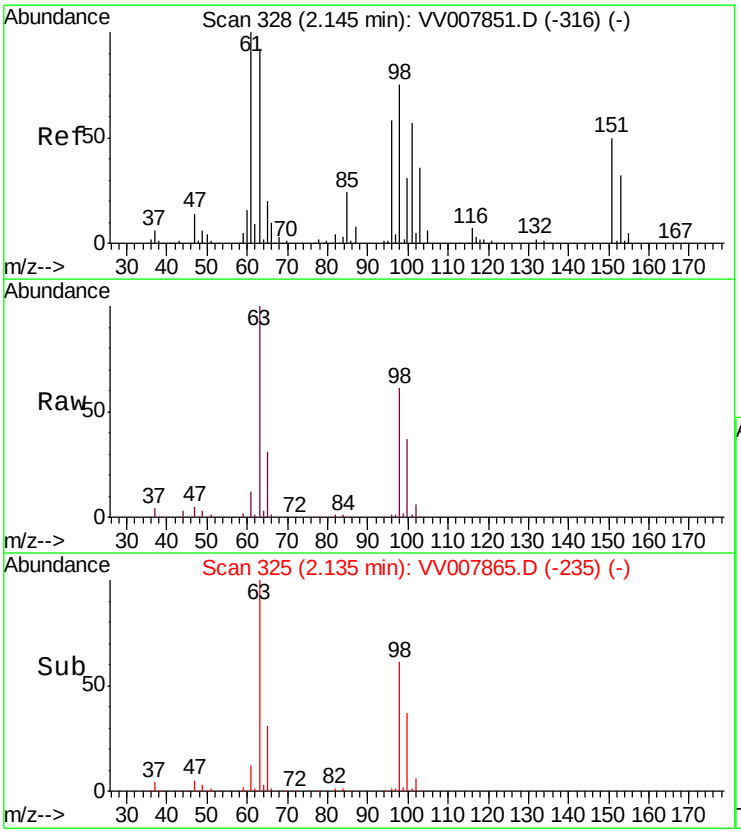

#9
Trichlorofluoromethane
Concen: 0.409 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.36 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK01

Tgt Ion:101 Resp: 937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 10.1 | 52.4 | 78.6# |

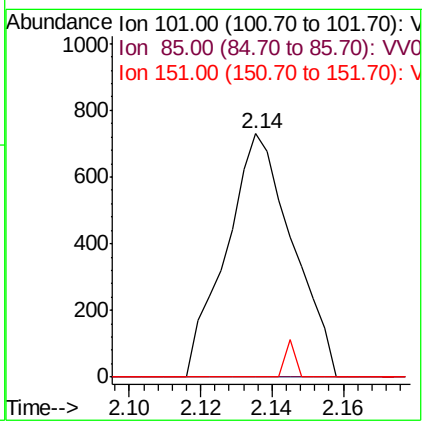


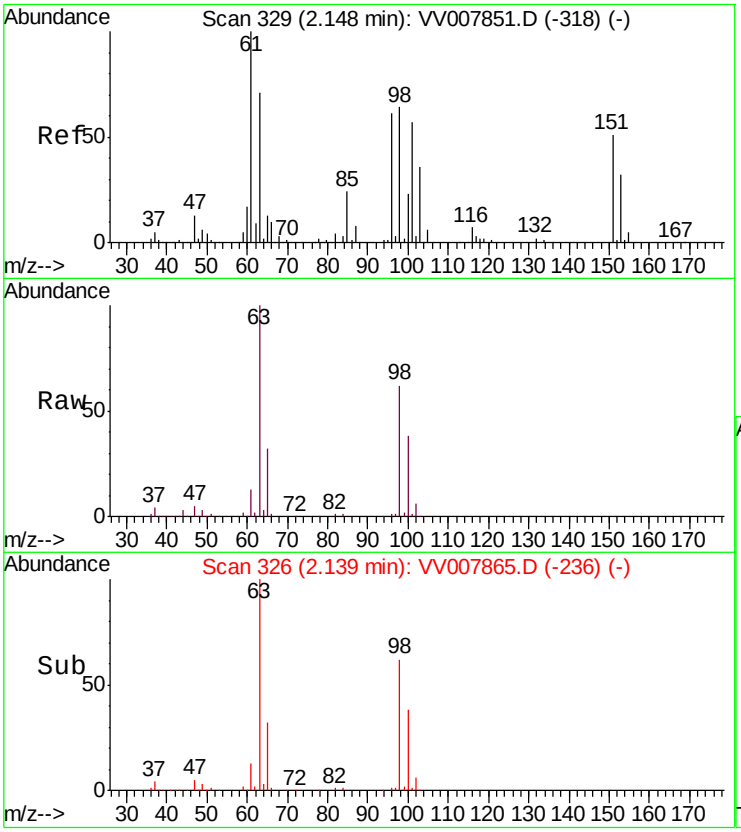




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.732 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

Tgt Ion:101 Resp: 937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 34.2 | 51.2# |
| 151 | 0.0 | 69.7 | 104.5# |



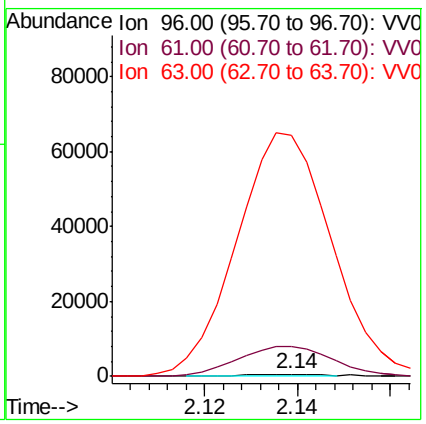


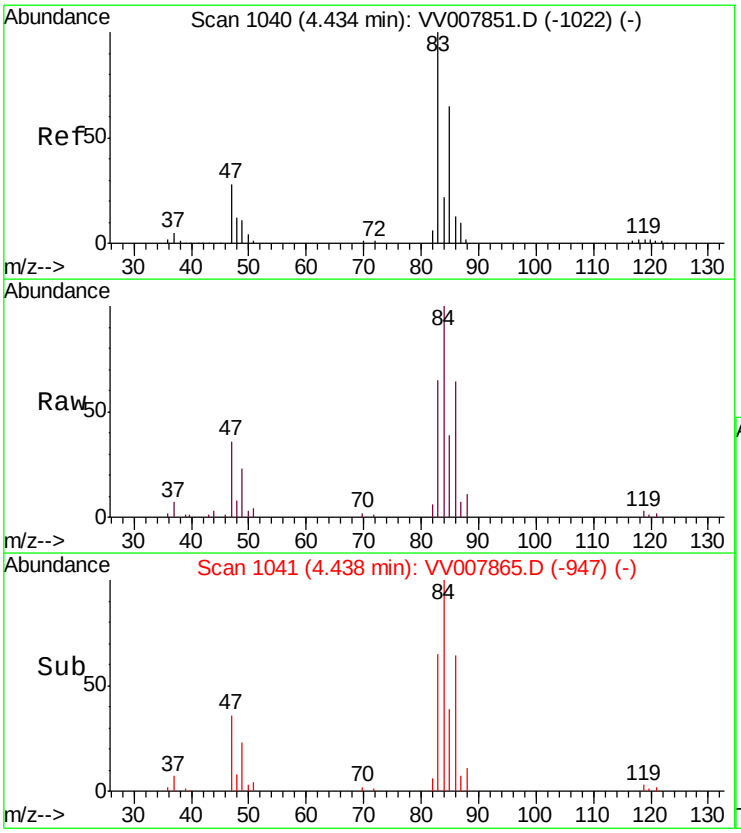

#12
1,1-Dichloroethene
Concen: 0.583 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

**Instrument :** MSVOA_V
**ClientSampleId :** VHBLK01

Tgt Ion: 96 Resp: 669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1537.2 | 116.1 | 215.7# |
| 63 | 12189.0 | 86.5 | 160.7# |

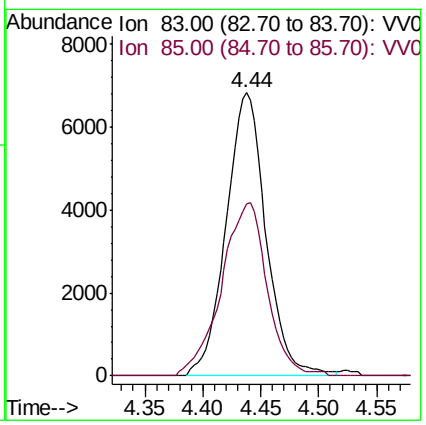


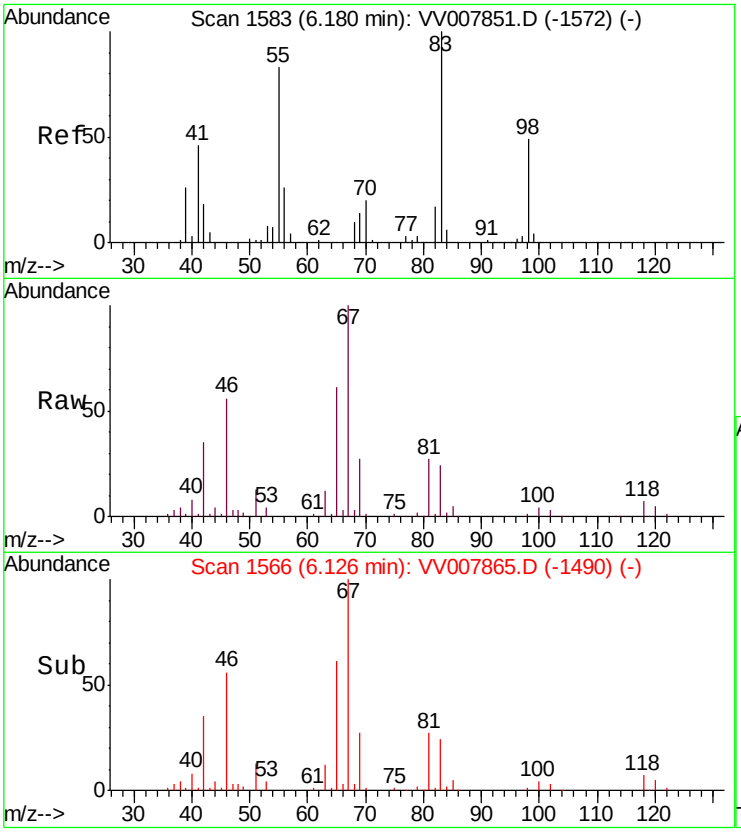




#25
Chloroform
Concen: 6.538 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

Tgt Ion: 83 Resp: 16315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 60.6 | 45.9 | 85.3 |



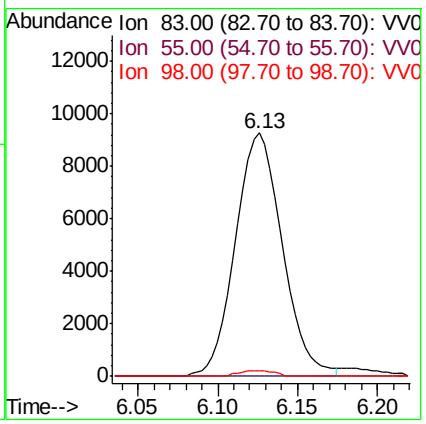


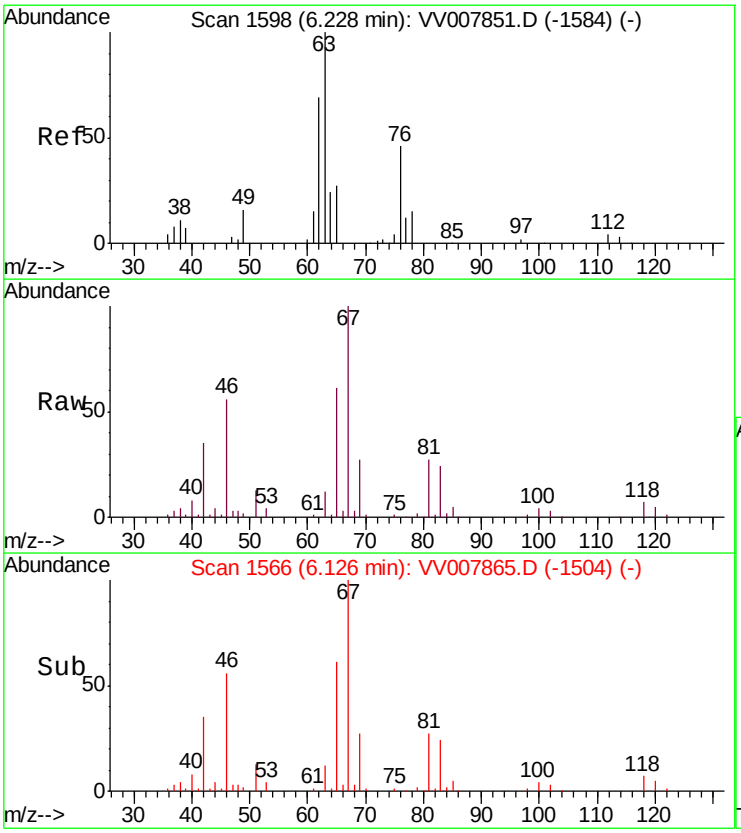

#35
Methylcyclohexane
Concen: 8.728 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK01

Tgt Ion: 83 Resp: 18614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 62.6 | 94.0# |
| 98 | 1.8 | 37.6 | 56.4# |

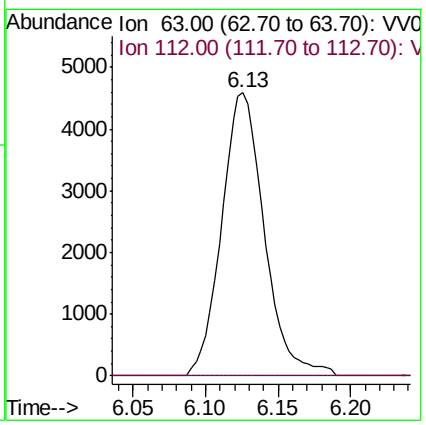


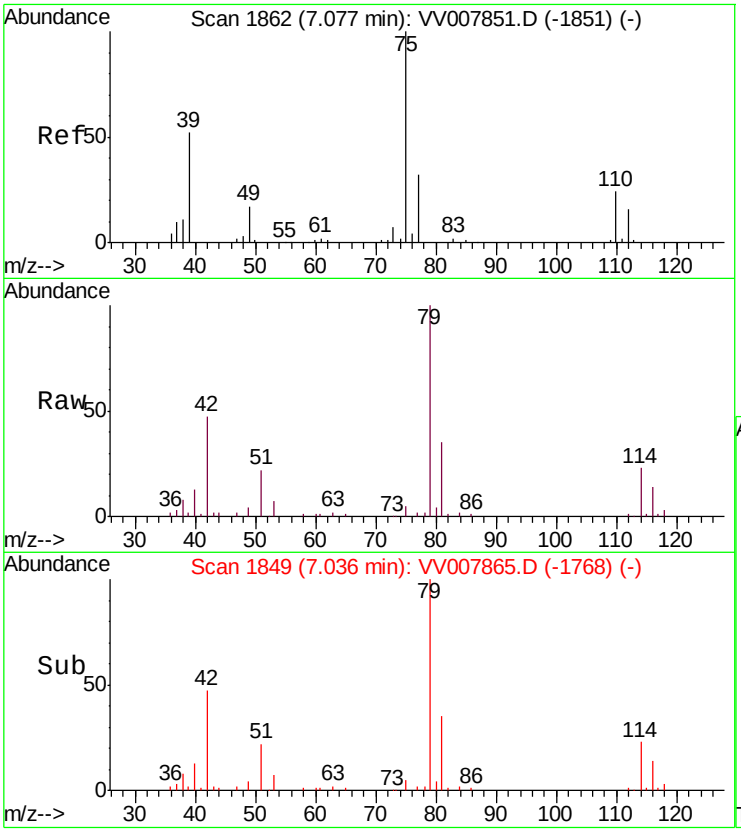




#37
1,2-Dichloropropane
Concen: 7.147 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

Tgt Ion: 63 Resp: 9341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.3 | 4.9# |



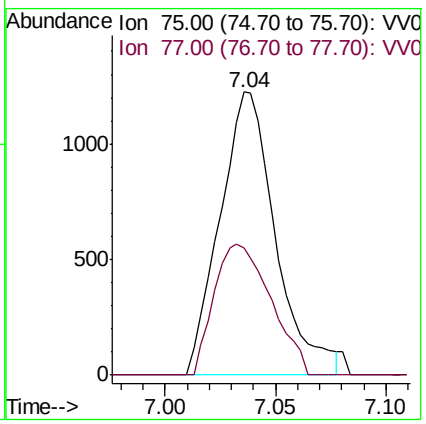


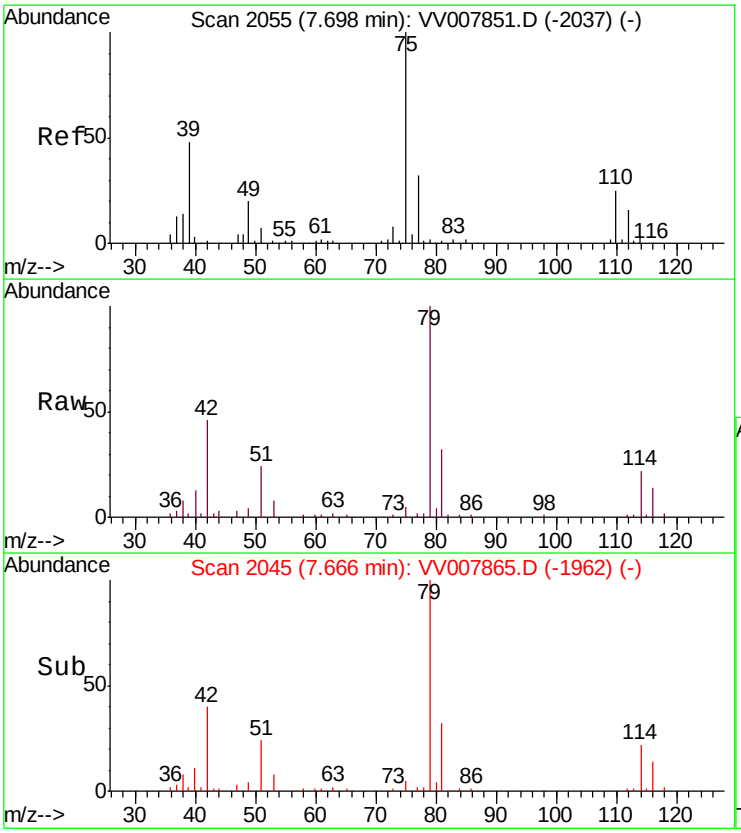

#39
cis-1,3-Dichloropropene
Concen: 1.129 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK01

Tgt Ion: 75 Resp: 2142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.9 | 22.8 | 42.4# |

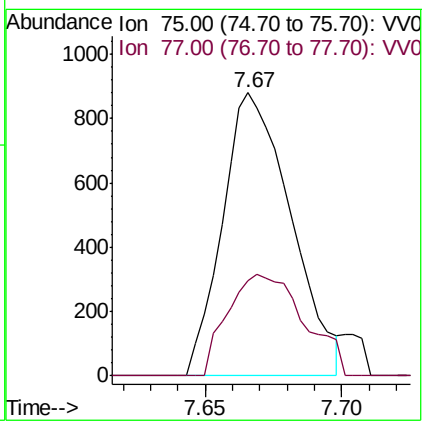


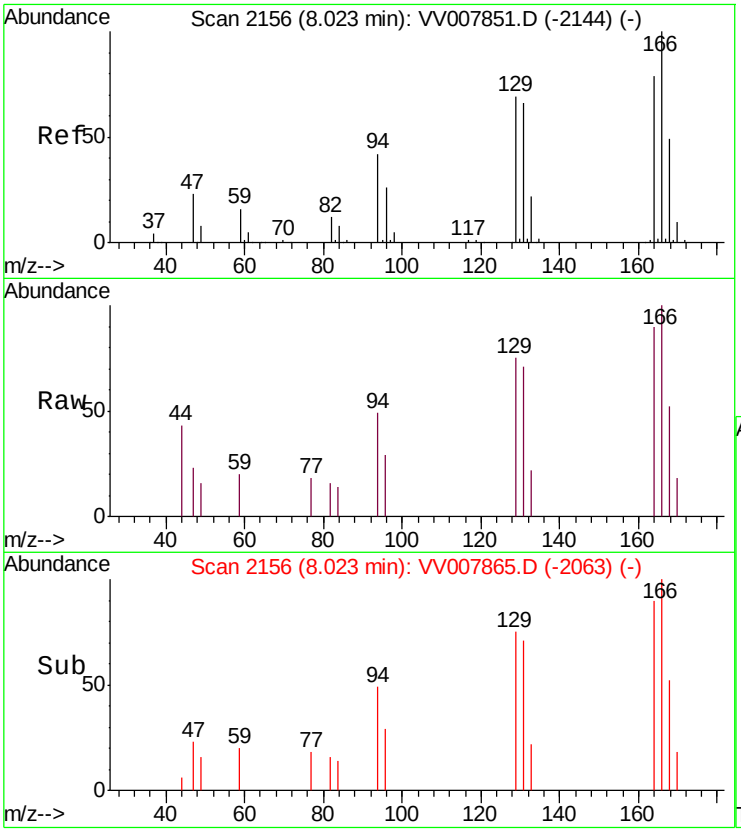




#44
trans-1,3-Dichloropropene
Concen: 0.814 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

Tgt Ion: 75 Resp: 1535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.8 | 22.5 | 41.9 |



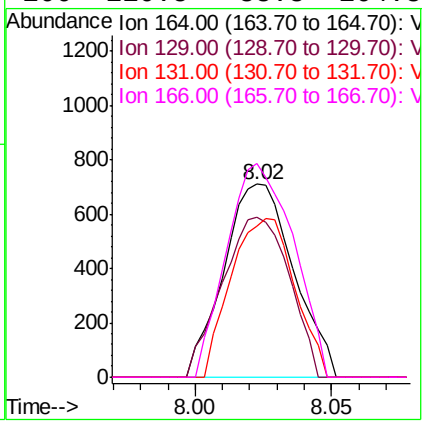


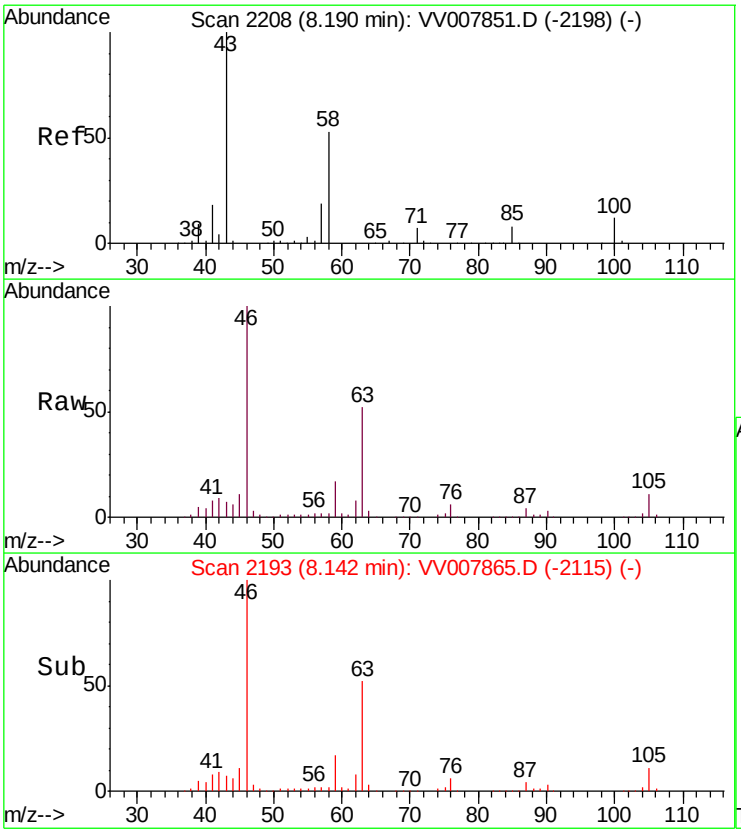

#46
Tetrachloroethene
Concen: 0.968 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK01

Tgt Ion:164 Resp: 1264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 82.8 | 60.9 | 113.1 |
| 131 | 78.1 | 58.8 | 109.2 |
| 166 | 110.5 | 88.8 | 164.8 |

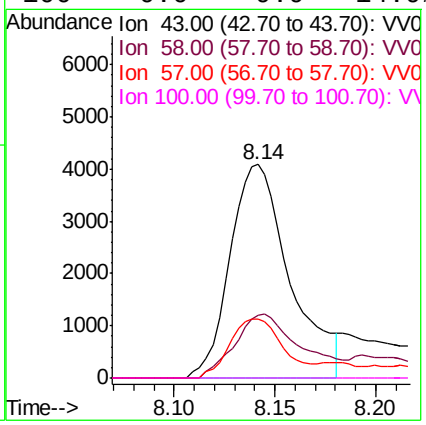


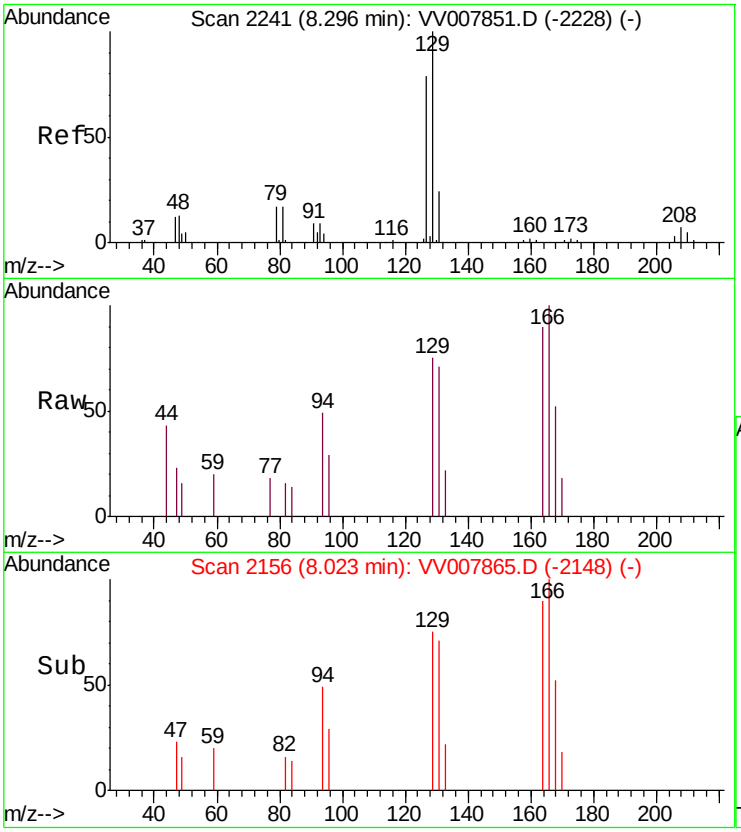




#48
2-Hexanone
Concen: 5.817 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

Tgt Ion: 43 Resp: 8492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.0 | 41.1 | 61.7# |
| 57 | 24.7 | 14.3 | 21.5# |
| 100 | 0.0 | 9.9 | 14.9# |



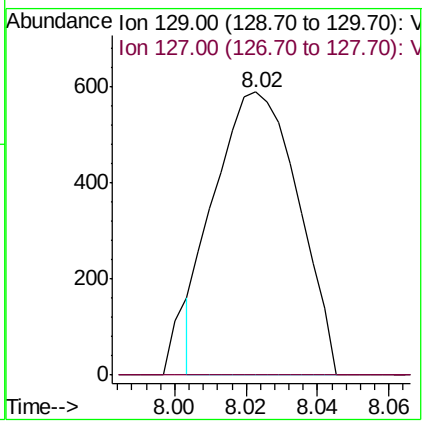


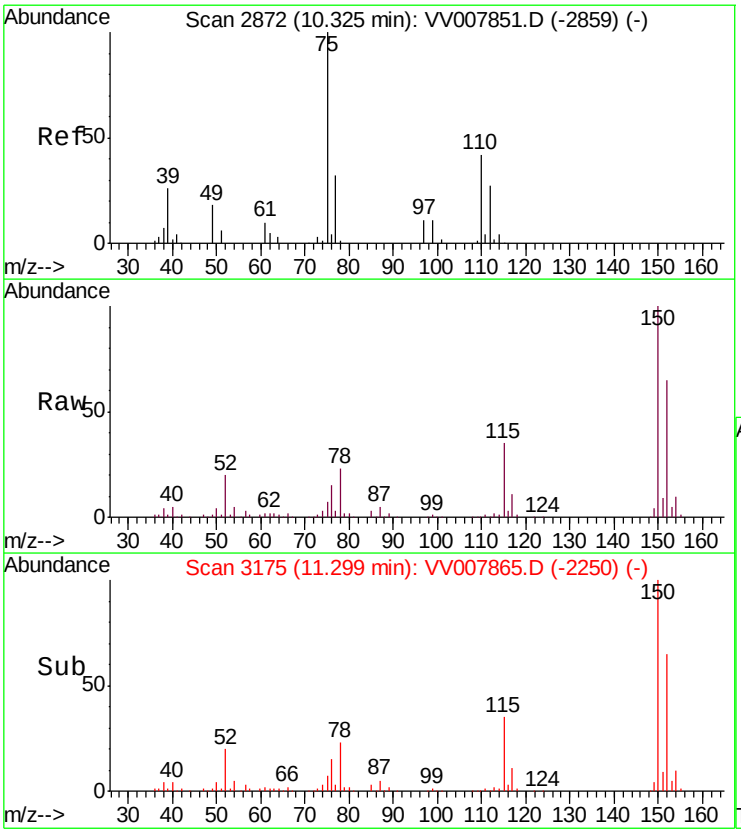

#49
Dibromochloromethane
Concen: 0.669 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

**Instrument :** MSVOA_V
**ClientSampleId :** VHBLK01

Tgt Ion:129 Resp: 955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 55.5 | 103.1# |




#59
1,2,3-Trichloropropane
Concen: 5.700 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.97 min
Lab File: VV007865.D
Acq: 25 Sep 2018 20:05

Tgt Ion: 75 Resp: 9917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 40.0 | 25.8 | 38.6# |