Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017036.D
Acq On : 22 Jun 2020 22:57
Operator : SY/MD
Sample : L3067-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jun 23 04:59:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 171147 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 163978 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 76640 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 45166 | 4.40 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 88.00% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 35691 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 70751 | 3.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.40% | | | |
| 20) 2-Butanone-d5 | 3.93 | 46 | 134075 | 51.21 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 102.42% | | | |
| 24) Chloroform-d | 4.38 | 84 | 110259 | 5.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 60568 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.00% | | | |
| 32) Benzene-d6 | 5.07 | 84 | 215651 | 5.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 63241 | 4.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 99.40% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 197016 | 4.94 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.80% | | | |
| 45) trans-1,3-Dichloropropene- | 7.64 | 79 | 23723 | 4.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 89.40% | | | |
| 48) 2-Hexanone-d5 | 8.11 | 63 | 85299 | 42.20 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 84.40% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 44006 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 104.00% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 76481 | 5.40 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 108.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.50 | 64 | 14222 | 2.291 | ug/L # | 50 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 780 | 0.086 | ug/L # | 30 |
| 12) 1,1-Dichloroethene | 2.12 | 96 | 846 | 0.103 | ug/L # | 1 |
| 13) Acetone | 2.20 | 43 | 1673 | 1.264 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 3.21 | 63 | 2330 | 0.119 | ug/L | 91 |
| 25) Chloroform | 4.41 | 83 | 3225 | 0.151 | ug/L | 98 |
| 29) 1,1,1-Trichloroethane | 4.63 | 97 | 2705 | 0.138 | ug/L | 89 |
| 35) Methylcyclohexane | 6.10 | 83 | 16194 | 0.828 | ug/L # | 18 |
| 50) 2-Hexanone | 8.17 | 43 | 7872 | 1.802 | ug/L # | 96 |

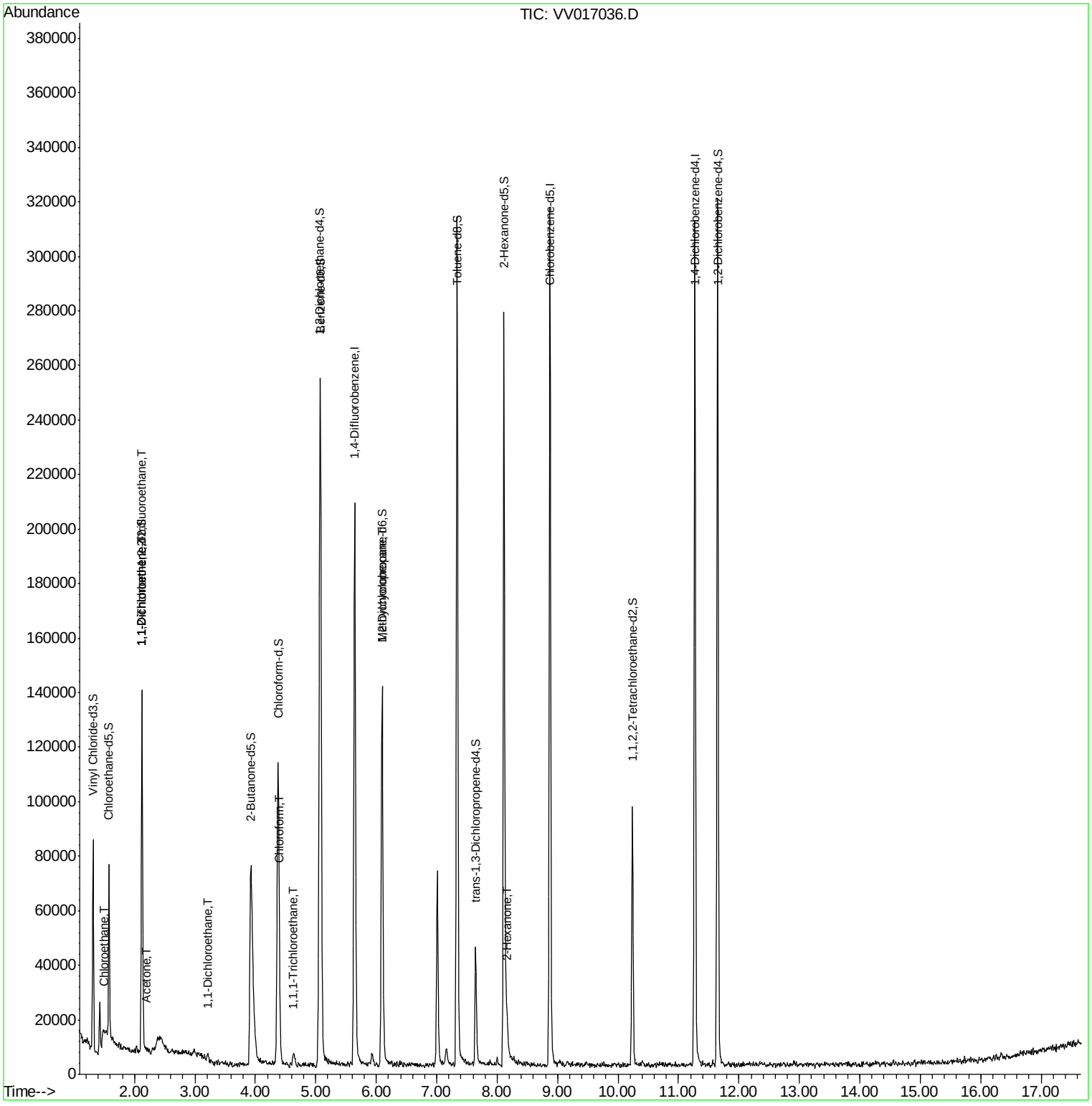
(#) = qualifier out of range (m) = manual integration (+) = signals summed

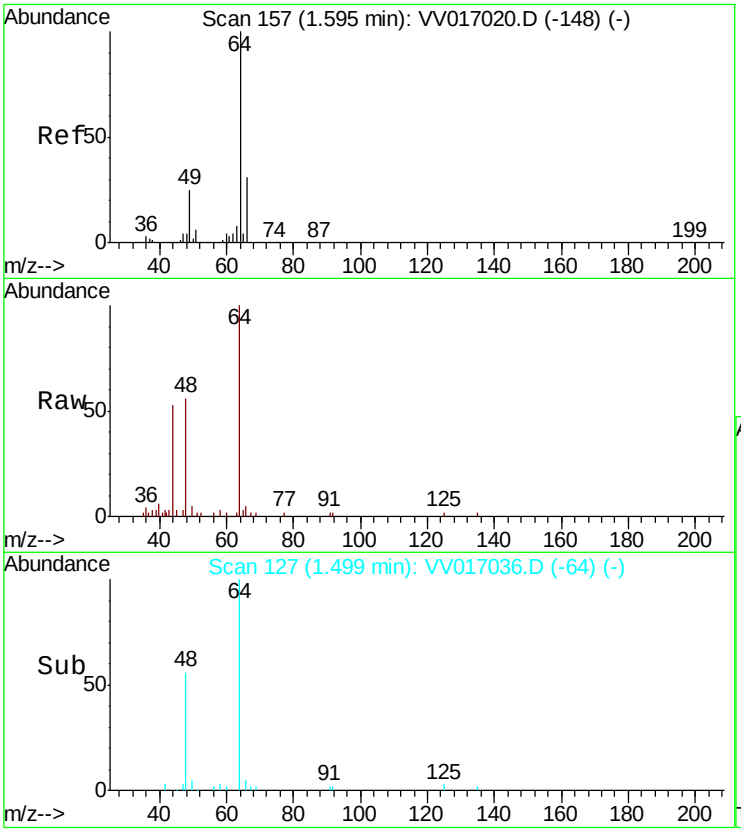
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017036.D
Acq On : 22 Jun 2020 22:57
Operator : SY/MD
Sample : L3067-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jun 23 04:59:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration



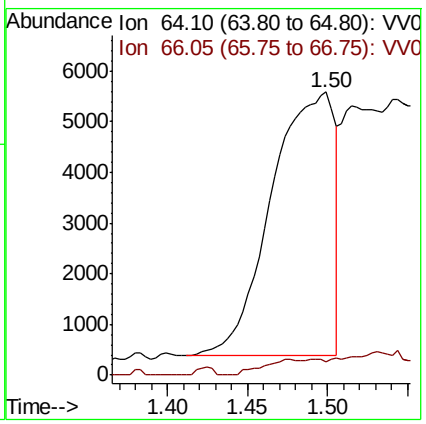


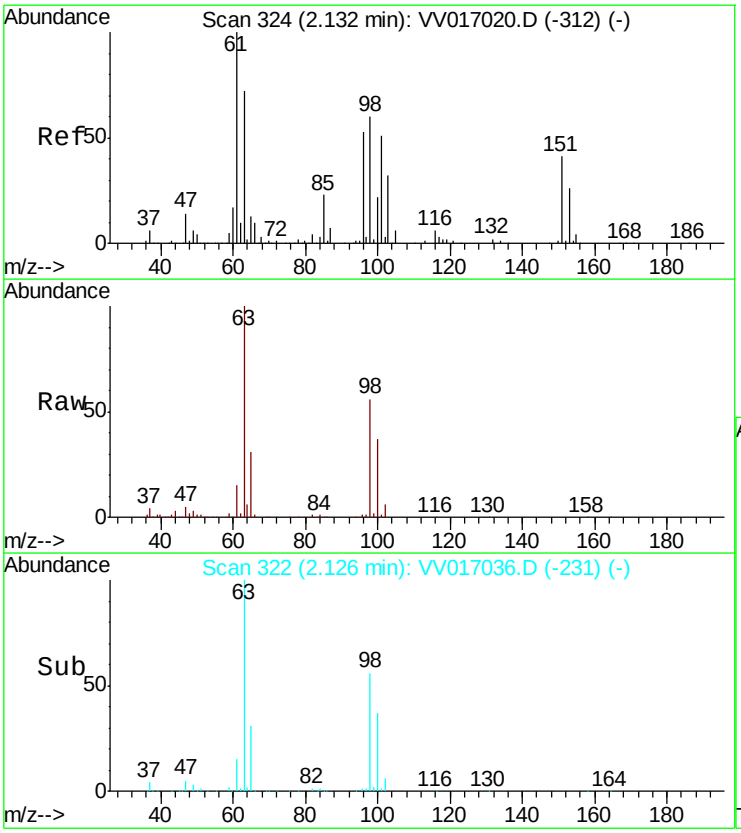

#8
Chloroethane
Concen: 2.291 ug/L
RT: 1.50 min Scan# 127
Delta R.T. -0.10 min
Lab File: VV017036.D
Acq: 22 Jun 2020 22:57

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

Tgt Ion: 64 Resp: 14222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 4.7 | 22.8 | 42.4# |

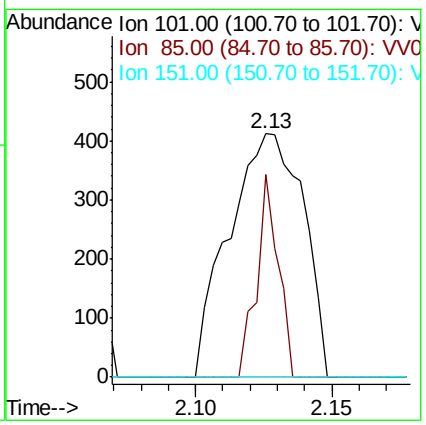


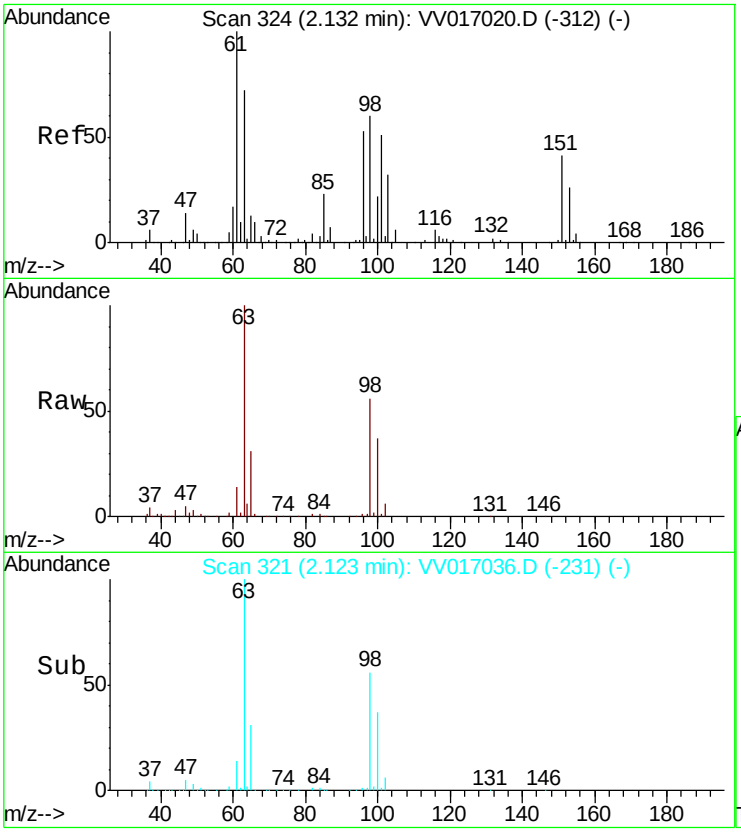




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.086 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017036.D
Acq: 22 Jun 2020 22:57

Tgt Ion:101 Resp: 780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 23.5 | 35.4 | 53.2# |
| 151 | 0.0 | 63.9 | 95.9# |



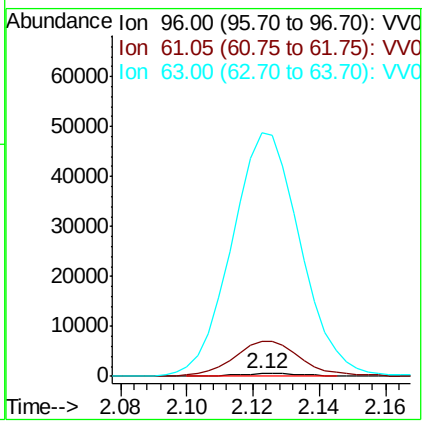


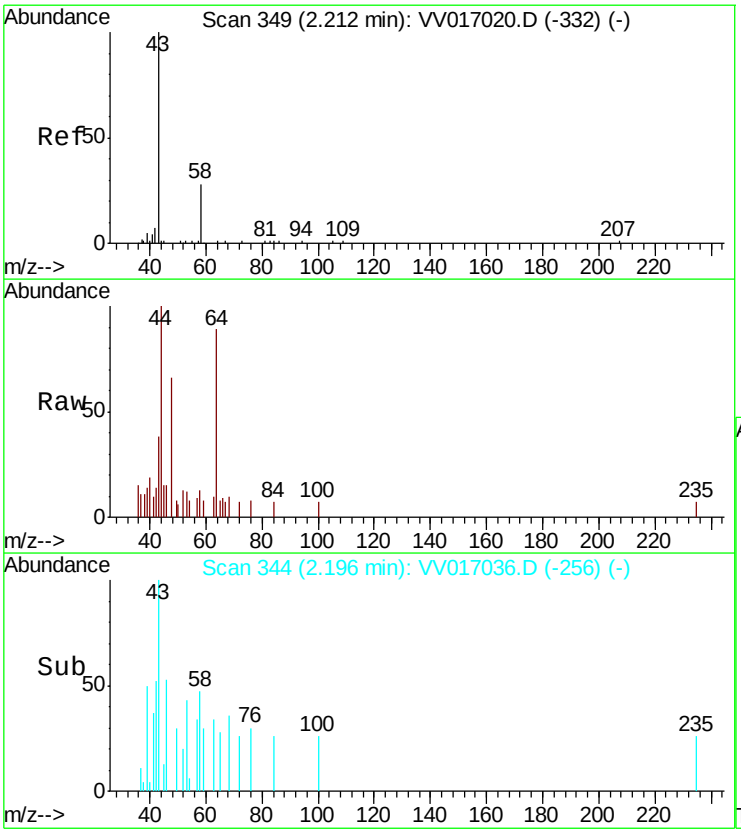

#12
1,1-Dichloroethene
Concen: 0.103 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017036.D
Acq: 22 Jun 2020 22:57

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

Tgt Ion: 96 Resp: 846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1330.7 | 125.0 | 232.2# |
| 63 | 9234.8 | 109.8 | 203.8# |

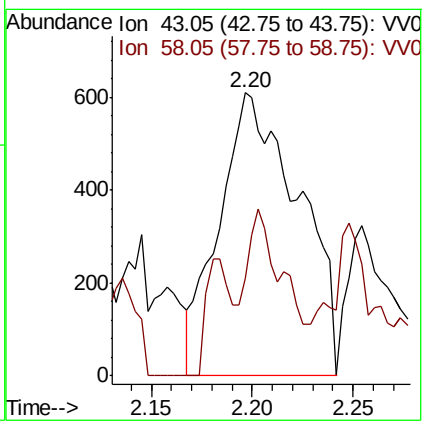


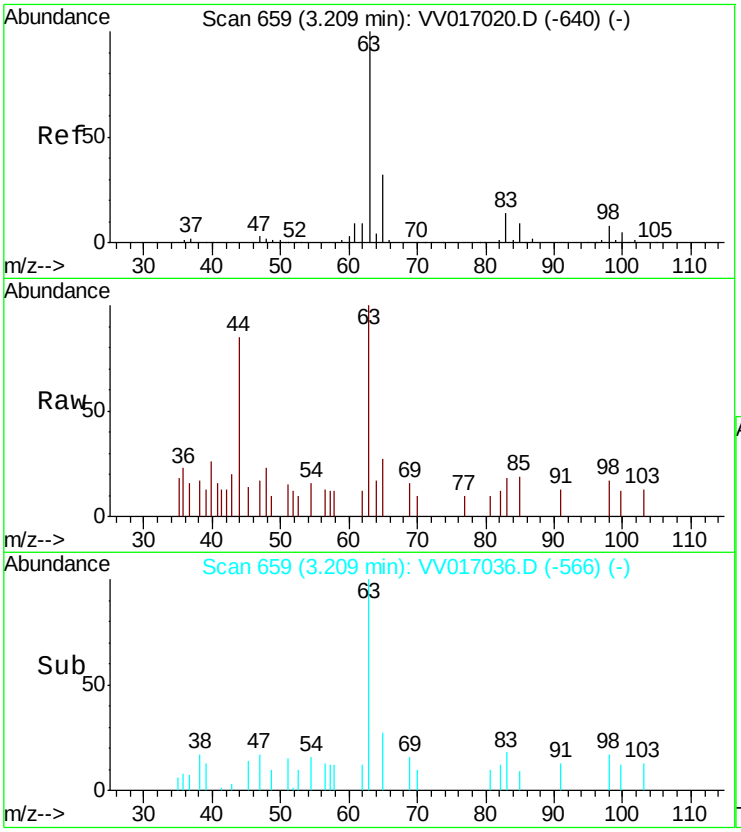




#13
Acetone
Concen: 1.264 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.02 min
Lab File: VV017036.D
Acq: 22 Jun 2020 22:57

Tgt Ion: 43 Resp: 1673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.8 | 0.0 | 58.4 |



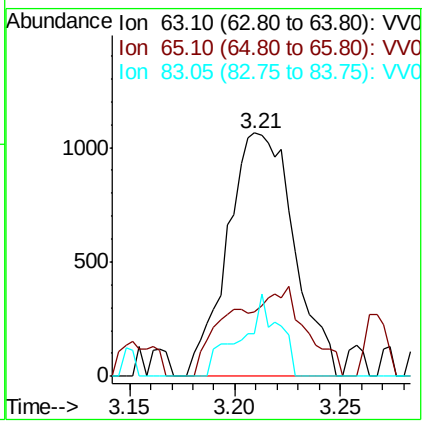


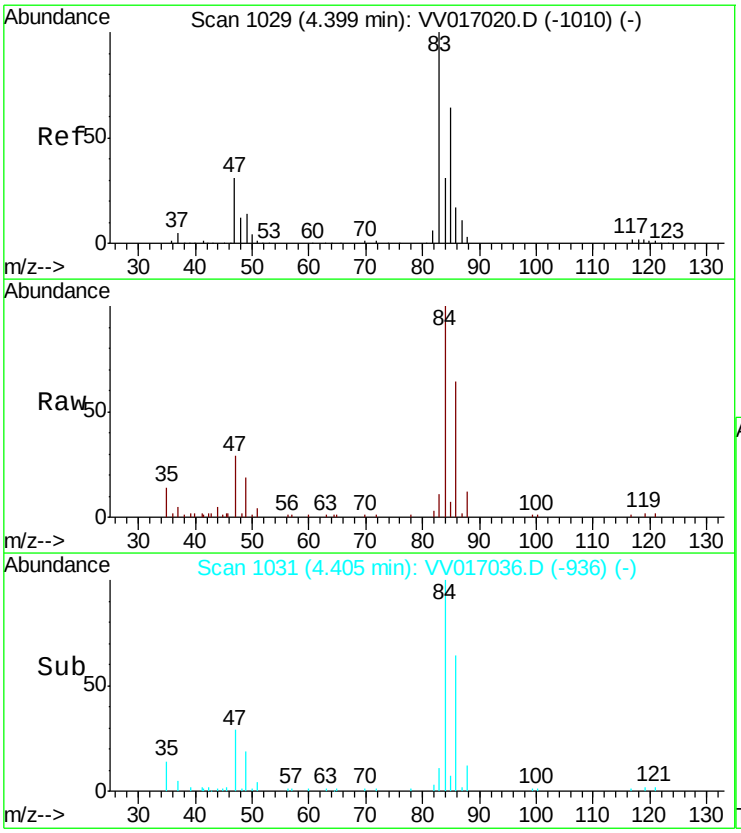

#19
1,1-Dichloroethane
Concen: 0.119 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV017036.D
Acq: 22 Jun 2020 22:57

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

Tgt Ion: 63 Resp: 2330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 26.6 | 21.8 | 40.4 |
| 83 | 17.8 | 9.7 | 17.9 |

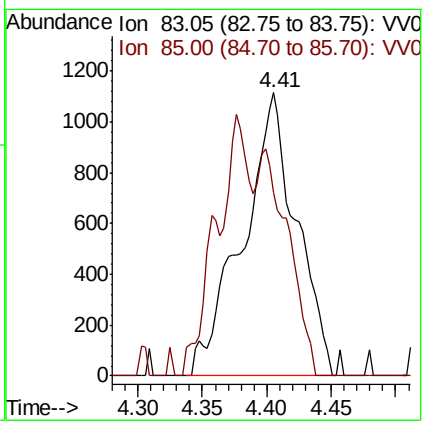


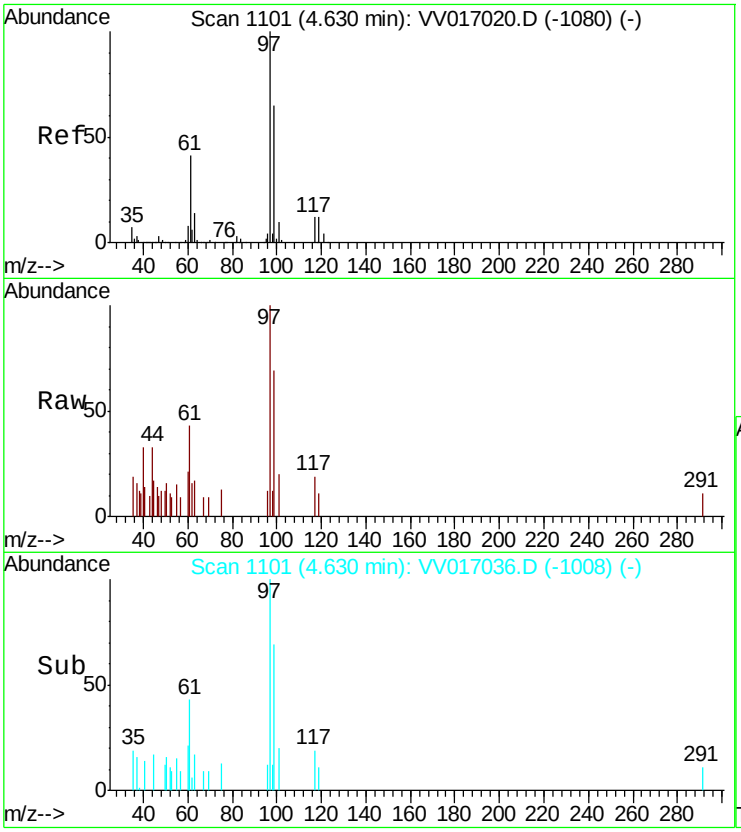




#25
Chloroform
Concen: 0.151 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017036.D
Acq: 22 Jun 2020 22:57

Tgt Ion: 83 Resp: 3225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.1 | 44.2 | 82.2 |



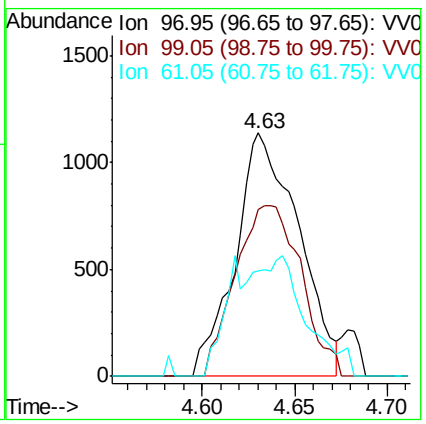


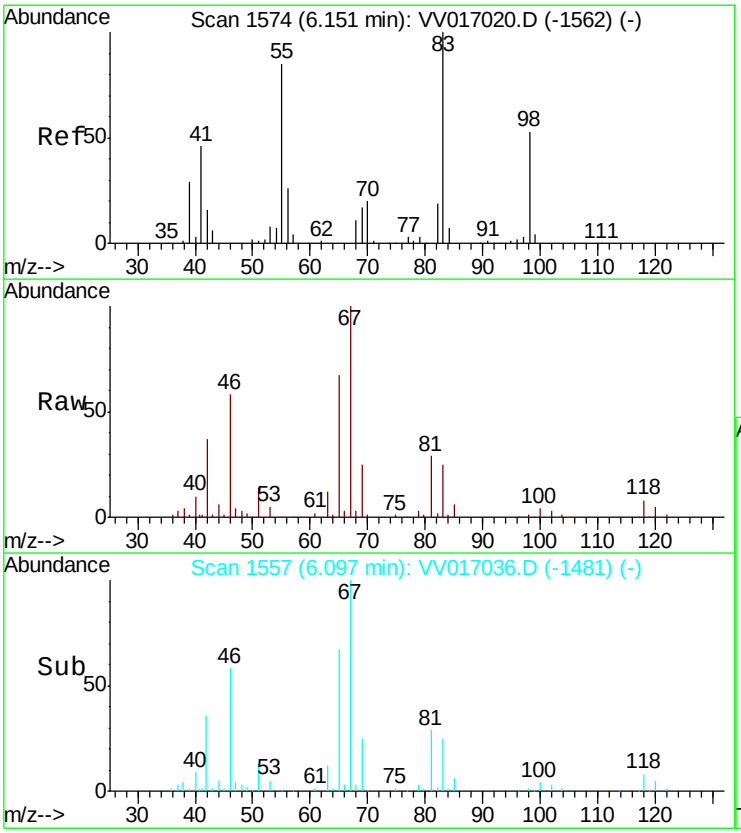

#29
1,1,1-Trichloroethane
Concen: 0.138 ug/L
RT: 4.63 min Scan# 1101
Delta R.T. 0.00 min
Lab File: VV017036.D
Acq: 22 Jun 2020 22:57

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

Tgt Ion: 97 Resp: 2705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 72.8 | 50.3 | 75.5 |
| 61 | 39.9 | 36.0 | 54.0 |

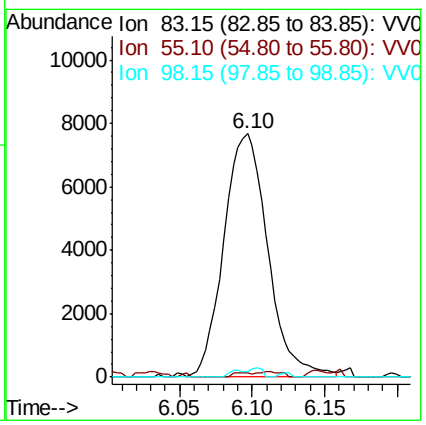


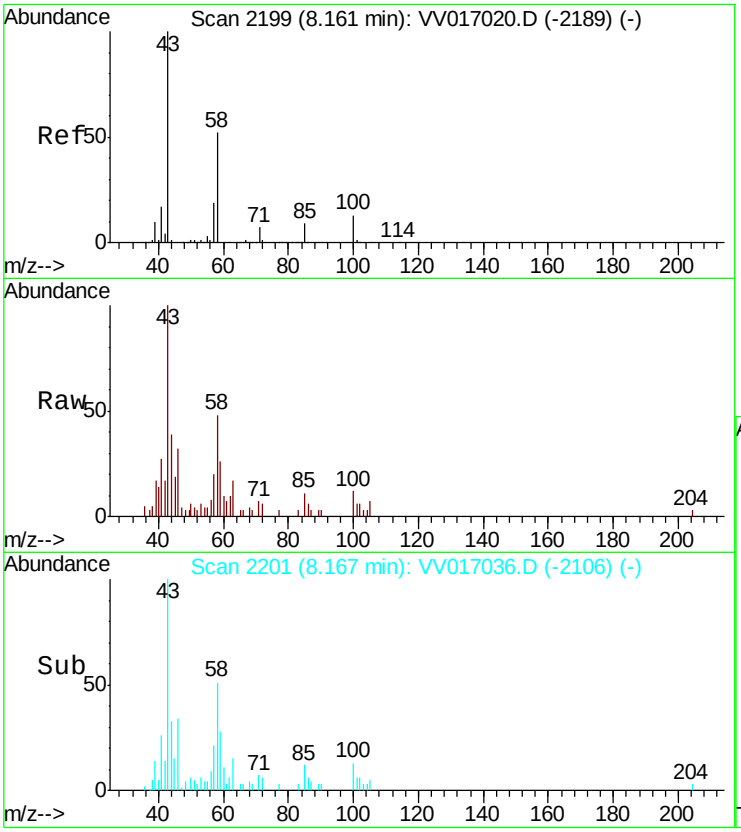




#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017036.D
Acq: 22 Jun 2020 22:57

Tgt Ion: 83 Resp: 16194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.8 | 63.6 | 95.4# |
| 98 | 1.1 | 38.8 | 58.2# |






#50
2-Hexanone
Concen: 1.802 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017036.D
Acq: 22 Jun 2020 22:57

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

Tgt Ion: 43 Resp: 7872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.3 | 41.6 | 62.4 |
| 57 | 22.0 | 15.4 | 23.0 |
| 100 | 8.8 | 10.1 | 15.1# |