Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022120\

Quantitation Report (Not Reviewed)

Data File : VV014660.D
Acq On : 21 Feb 2020 18:02
Operator : SY/MD
Sample : L1607-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AQ1

Quant Time: Feb 21 23:40:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 238675 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 220124 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 104743 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 38661 | 41.47 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 82.94% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 30546 | 45.21 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 90.42% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 60153 | 34.62 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 69.24% | | | |
| 21) 2-Butanone-d5 | 3.95 | 46 | 82233 | 94.91 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 94.91% | | | |
| 24) Chloroform-d | 4.40 | 84 | 138663 | 45.44 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.88% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 93602 | 47.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.96% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 280456 | 48.14 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.28% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.11 | 67 | 83361 | 49.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 98.14% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 256084 | 45.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 91.28% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 43872 | 46.10 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 92.20% | | | |
| 47) 2-Hexanone-d5 | 8.14 | 63 | 65371 | 96.01 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 96.01% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25 | 84 | 114279 | 48.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 97.10% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 99161 | 48.39 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 96.78% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 717 | 0.887 | ug/L # | 22 |
| 12) 1,1-Dichloroethene | 2.13 | 96 | 522 | 0.717 | ug/L # | 1 |
| 13) Acetone | 2.22 | 43 | 811 | 1.054 | ug/L | 99 |
| 25) Chloroform | 4.42 | 83 | 2756 | 0.932 | ug/L | 99 |
| 34) Trichloroethene | 5.97 | 95 | 1654 | 1.001 | ug/L | 86 |
| 35) Methylcyclohexane | 6.11 | 83 | 22833 | 9.680 | ug/L # | 20 |
| 39) cis-1,3-Dichloropropene | 7.03 | 75 | 2805 | 1.131 | ug/L # | 75 |
| 44) trans-1,3-Dichloropropene | 7.66 | 75 | 2039 | 0.906 | ug/L | 84 |

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

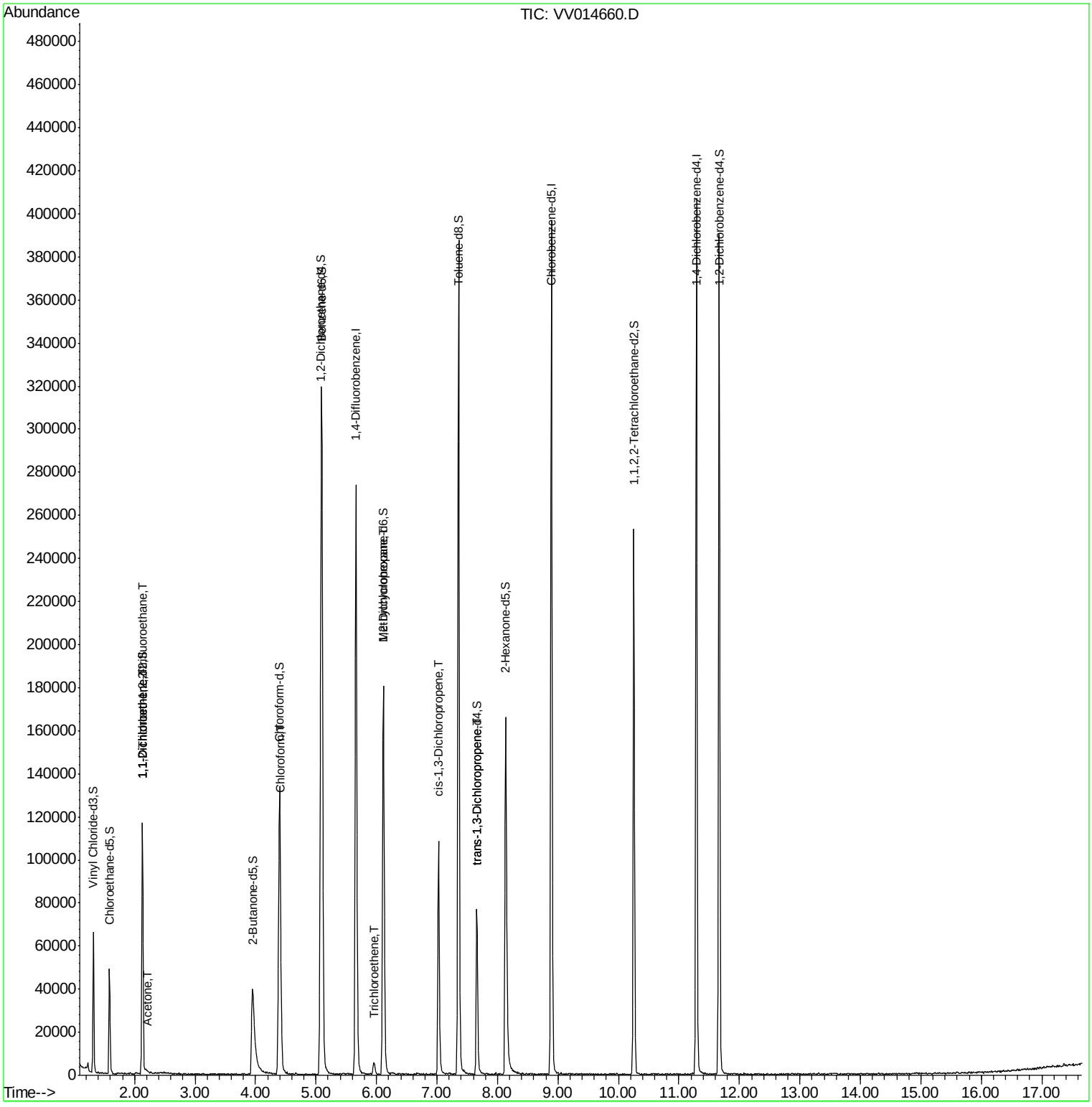
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022120\

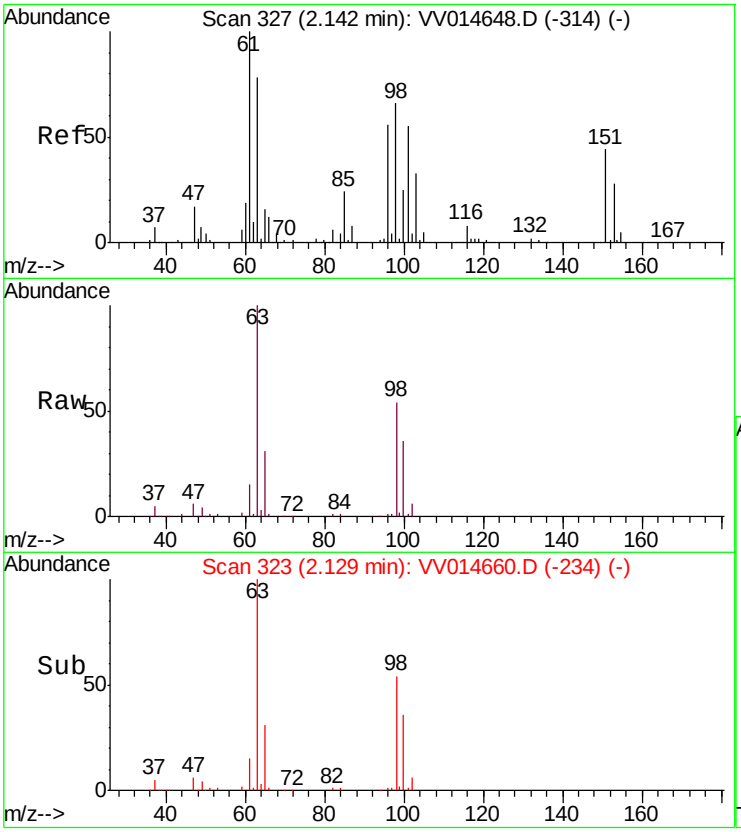
Quantitation Report (Not Reviewed)

Data File : VV014660.D
Acq On : 21 Feb 2020 18:02
Operator : SY/MD
Sample : L1607-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AQ1

Quant Time: Feb 21 23:40:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration



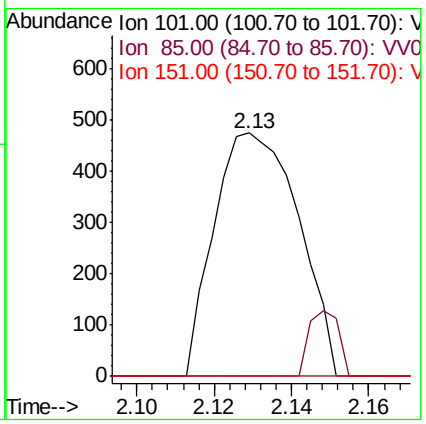


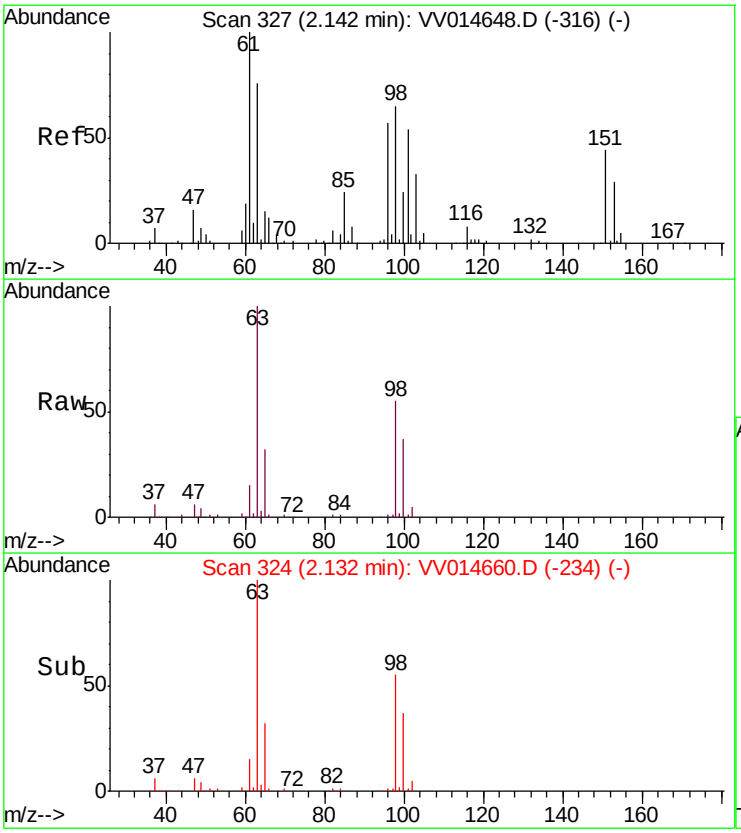

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.887 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV014660.D
Acq: 21 Feb 2020 18:02

**Instrument :** MSVOA_V
**ClientSampleId :** C0AQ1

Tgt Ion:101 Resp: 717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 9.3 | 37.3 | 55.9# |
| 151 | 0.0 | 64.6 | 96.8# |

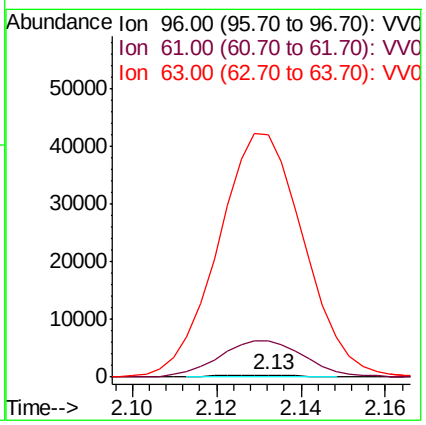


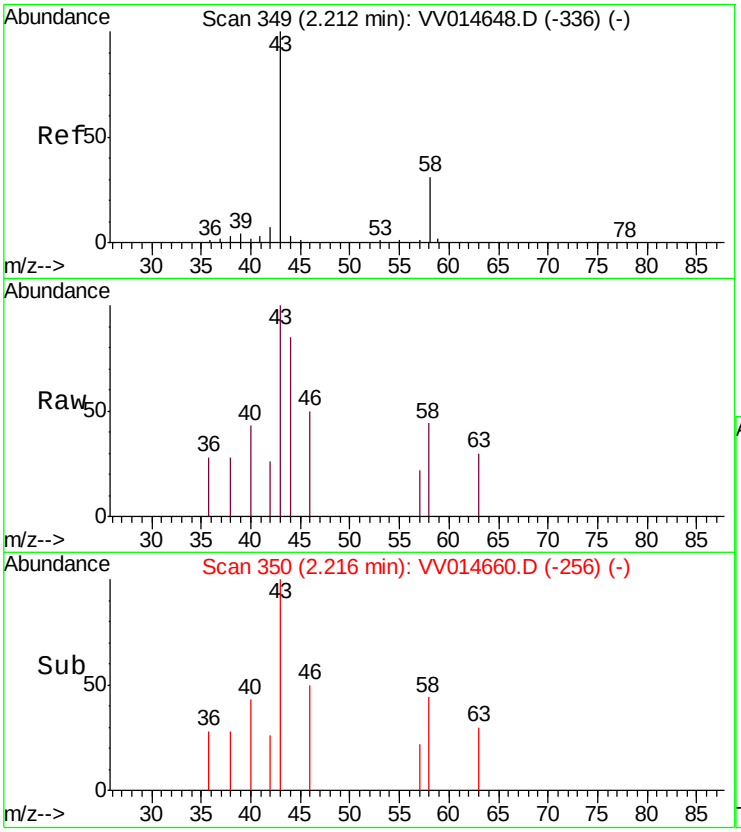




#12
1,1-Dichloroethene
Concen: 0.717 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV014660.D
Acq: 21 Feb 2020 18:02

Tgt Ion: 96 Resp: 522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1654.9 | 124.5 | 231.1# |
| 63 | 11219.2 | 98.1 | 182.1# |



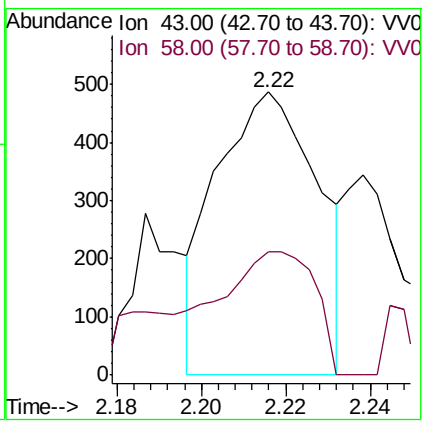


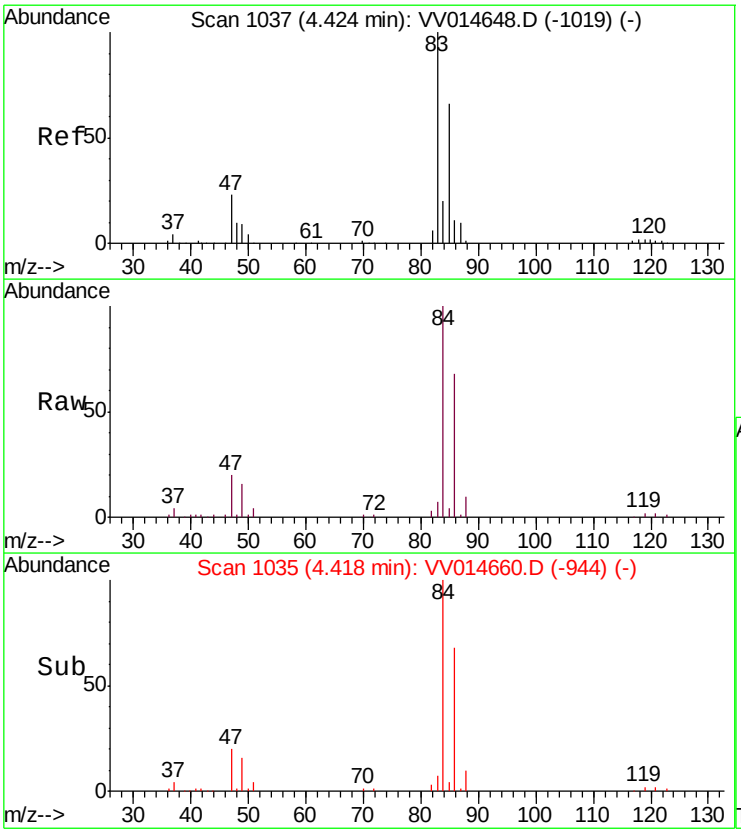

#13
Acetone
Concen: 1.054 ug/L
RT: 2.22 min Scan# 350
Delta R.T. 0.00 min
Lab File: VV014660.D
Acq: 21 Feb 2020 18:02

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AQ1

Tgt Ion: 43 Resp: 811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.9 | 0.0 | 66.8 |

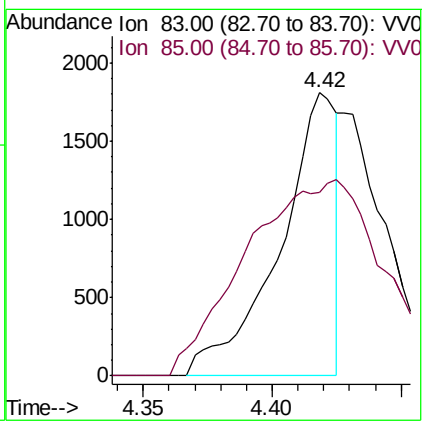


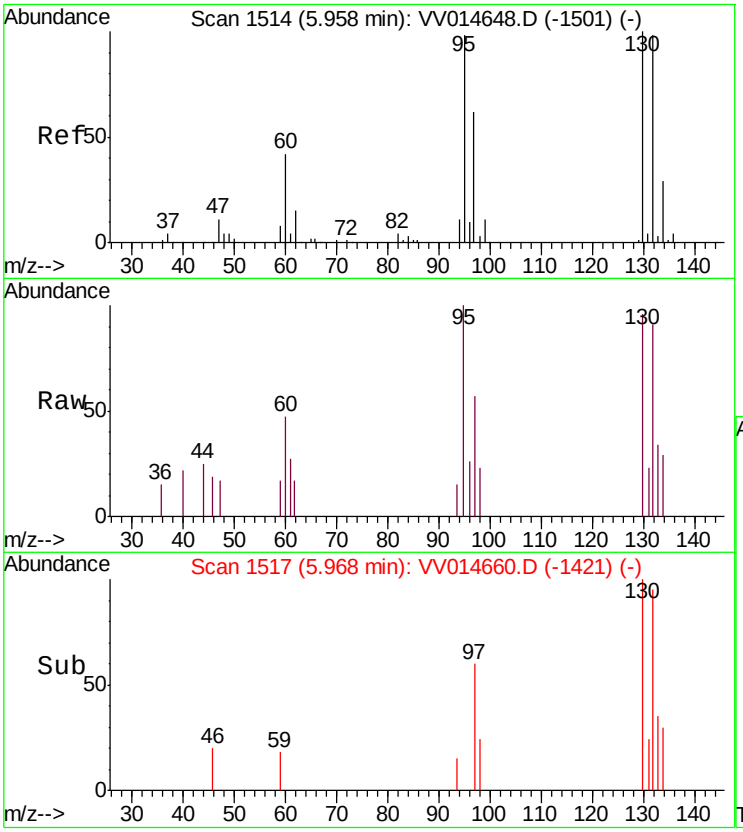




#25
Chloroform
Concen: 0.932 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV014660.D
Acq: 21 Feb 2020 18:02

Tgt Ion: 83 Resp: 2756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.8 | 46.1 | 85.7 |



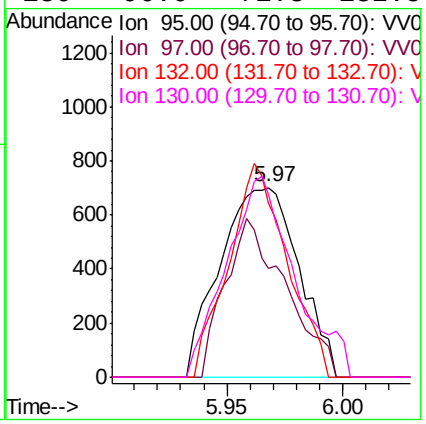


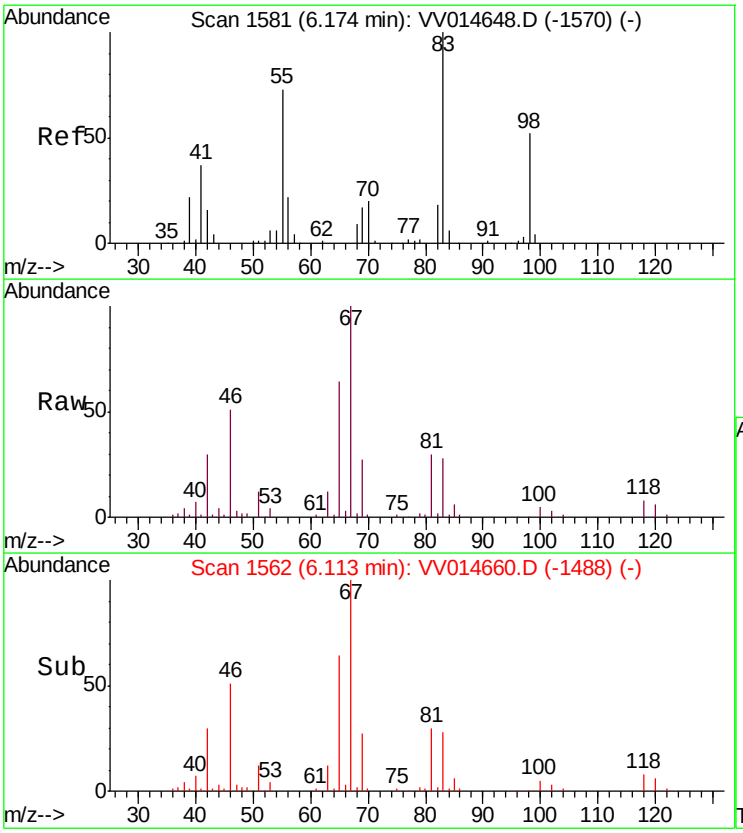

#34
Trichloroethene
Concen: 1.001 ug/L
RT: 5.97 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VV014660.D
Acq: 21 Feb 2020 18:02

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AQ1

Tgt Ion: 95 Resp: 1654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 57.3 | 44.3 | 82.3 |
| 132 | 125.2 | 69.7 | 129.4 |
| 130 | 96.0 | 71.3 | 132.5 |

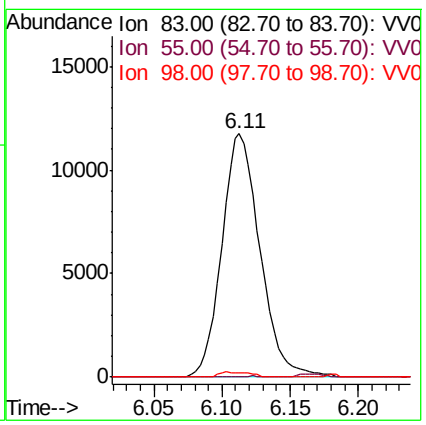


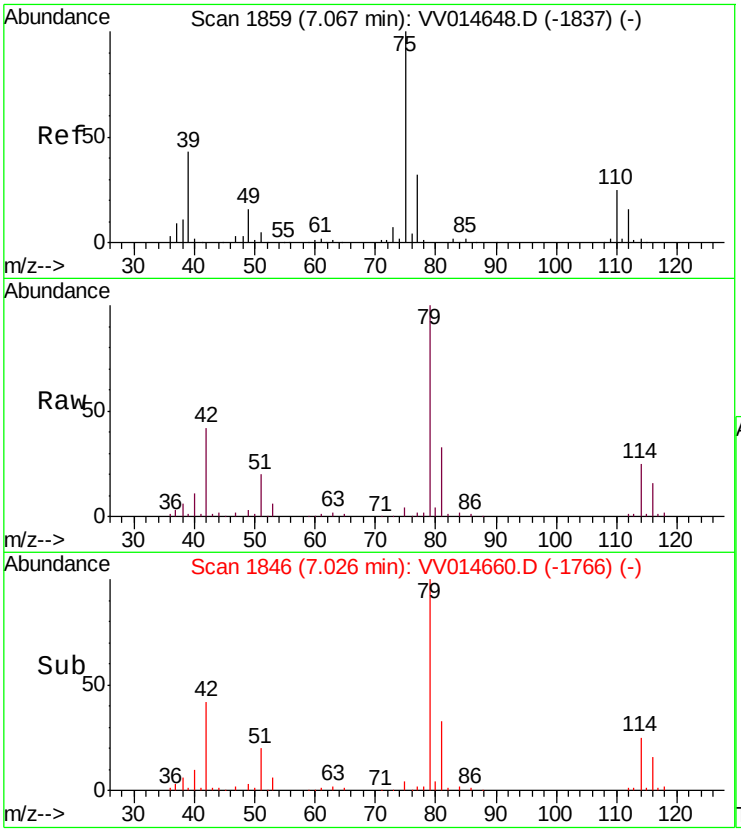




#35
Methylcyclohexane
Concen: 9.680 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014660.D
Acq: 21 Feb 2020 18:02

Tgt Ion: 83 Resp: 22833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 56.1 | 84.1# |
| 98 | 1.0 | 40.4 | 60.6# |



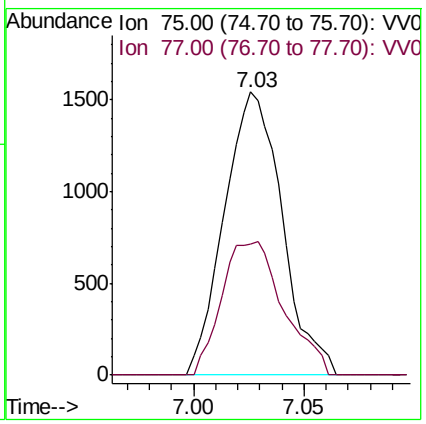


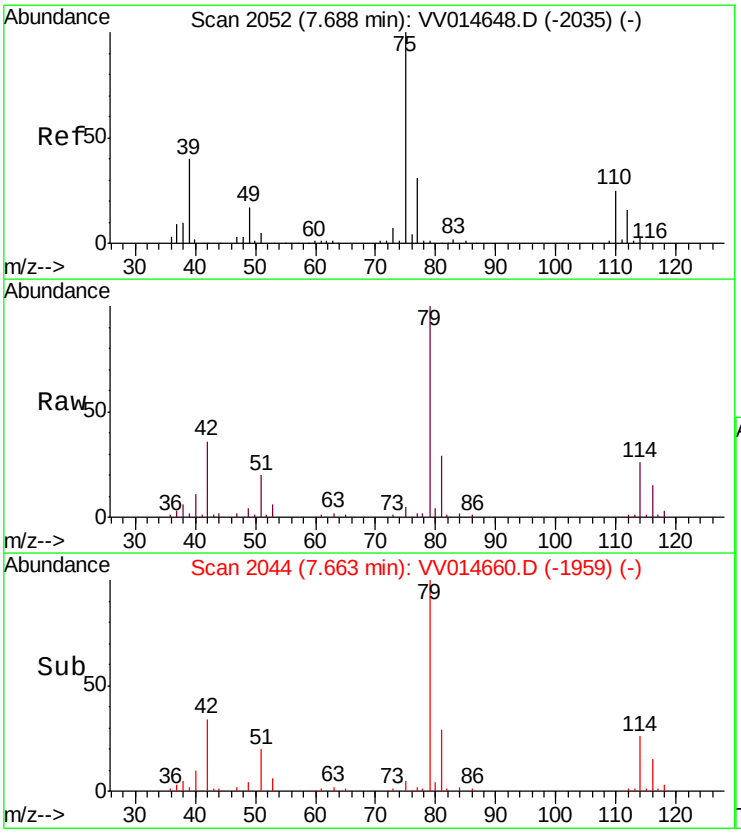

#39
cis-1,3-Dichloropropene
Concen: 1.131 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014660.D
Acq: 21 Feb 2020 18:02

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AQ1

Tgt Ion: 75 Resp: 2805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.2 | 22.4 | 41.6# |




#44
trans-1,3-Dichloropropene
Concen: 0.906 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV014660.D
Acq: 21 Feb 2020 18:02

Tgt Ion: 75 Resp: 2039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.9 | 21.9 | 40.7 |