Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042820\
Data File : VV015765.D
Acq On : 28 Apr 2020 23:05
Operator : SY/MD
Sample : L2421-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Apr 29 03:48:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 29 03:36:29 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 117300 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 114961 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 52587 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 37467 | 6.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 122.20% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 33723 | 5.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 114.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 55113 | 4.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 82.20% | | | |
| 20) 2-Butanone-d5 | 3.92 | 46 | 88279 | 44.85 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 89.70% | | | |
| 24) Chloroform-d | 4.38 | 84 | 68144 | 4.77 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 39184 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.00% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 135170 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 42086 | 4.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 96.00% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 119929 | 4.60 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.65 | 79 | 13126 | 3.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 77.40% | | | |
| 46) 2-Hexanone-d5 | 8.11 | 63 | 60467 | 36.57 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 73.14% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 25890 | 3.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 79.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 43503 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 97.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.54 | 64 | 1140 | 0.187 | ug/L # | 54 |
| 12) 1,1-Dichloroethene | 2.12 | 96 | 484 | 0.071 | ug/L # | 1 |
| 13) Acetone | 2.21 | 43 | 3431 | 2.510 | ug/L | 63 |
| 22) cis-1,2-Dichloroethene | 3.95 | 96 | 645 | 0.076 | ug/L # | 37 |
| 25) Chloroform | 4.40 | 83 | 3111 | 0.195 | ug/L | 87 |
| 34) Trichloroethene | 5.95 | 95 | 1430 | 0.158 | ug/L | 92 |
| 35) Methylcyclohexane | 6.09 | 83 | 10219 | 0.734 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.10 | 63 | 5466 | 0.655 | ug/L # | 86 |
| 44) trans-1,3-Dichloropropene | 7.64 | 75 | 844 | 0.086 | ug/L # | 73 |
| 48) 2-Hexanone | 8.17 | 43 | 5467 | 1.415 | ug/L # | 85 |

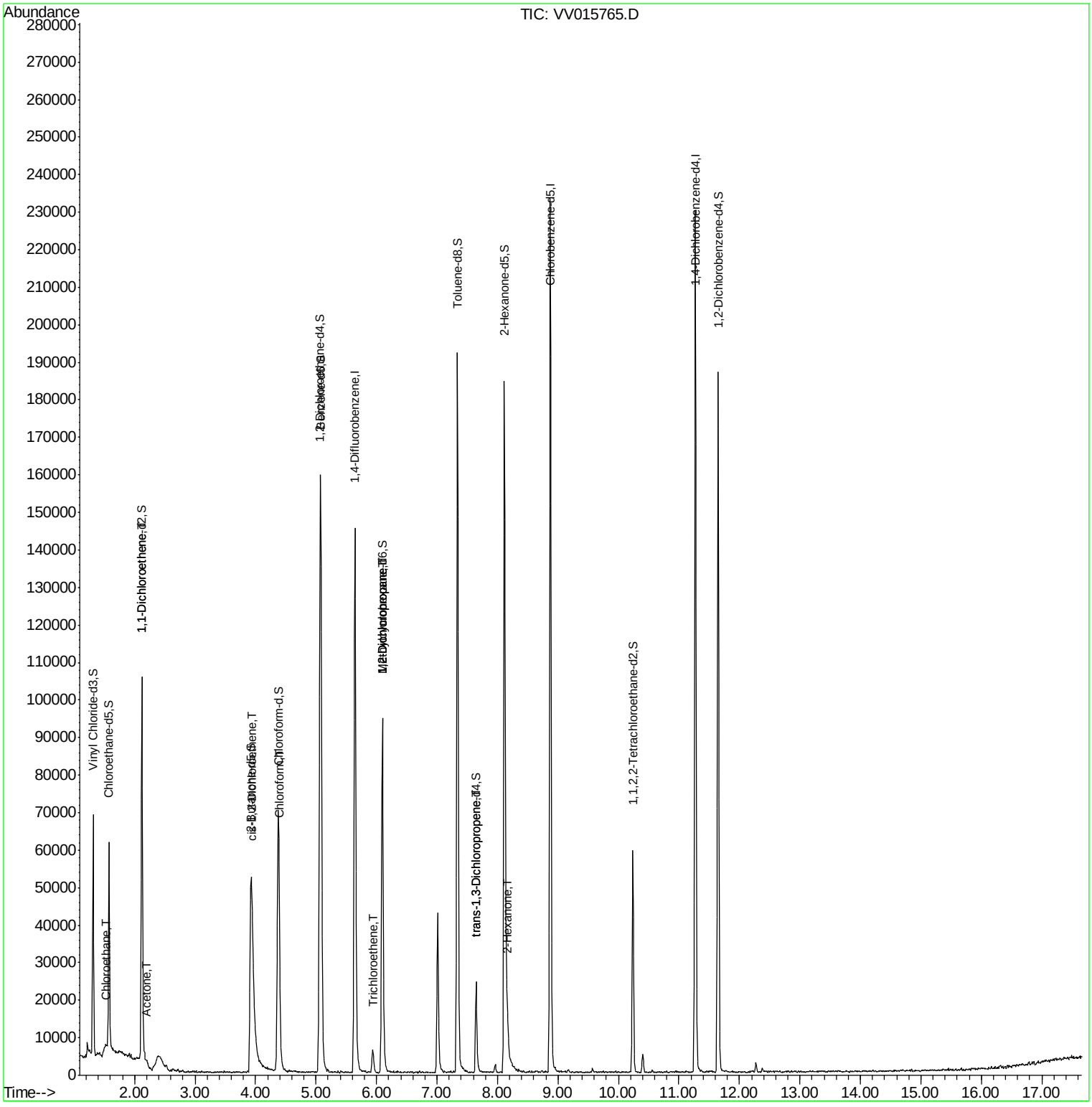
(#) = qualifier out of range (m) = manual integration (+) = signals summed

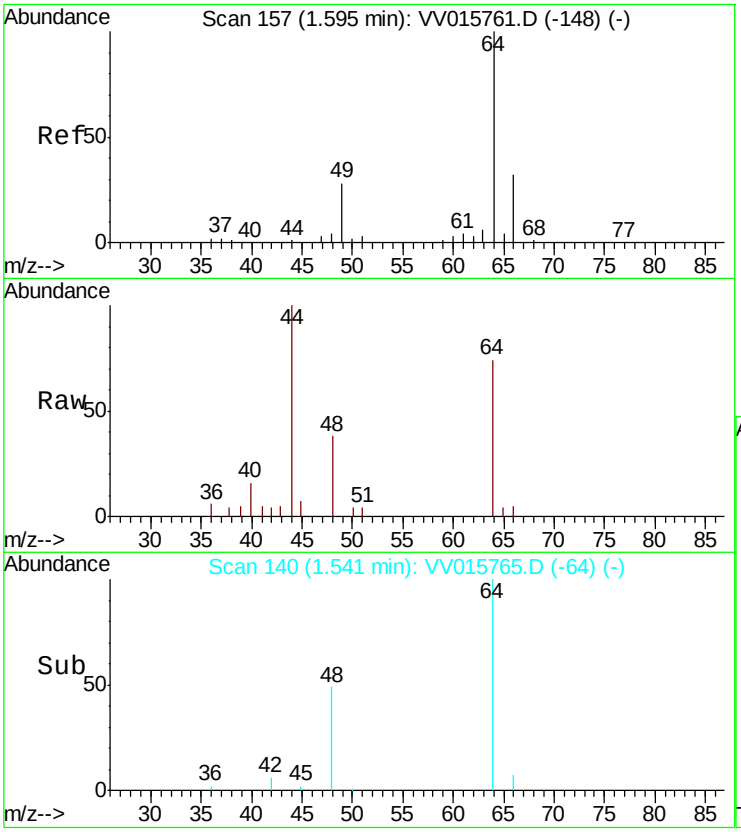
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042820\
Data File : VV015765.D
Acq On : 28 Apr 2020 23:05
Operator : SY/MD
Sample : L2421-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Apr 29 03:48:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 29 03:36:29 2020
Response via : Initial Calibration



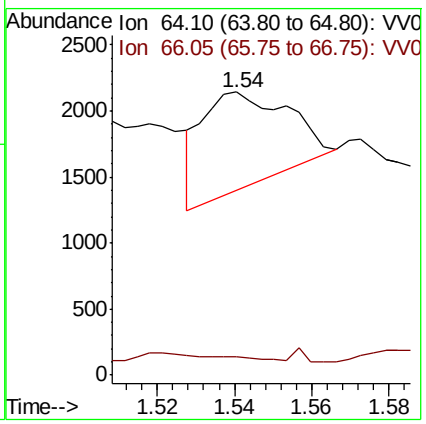


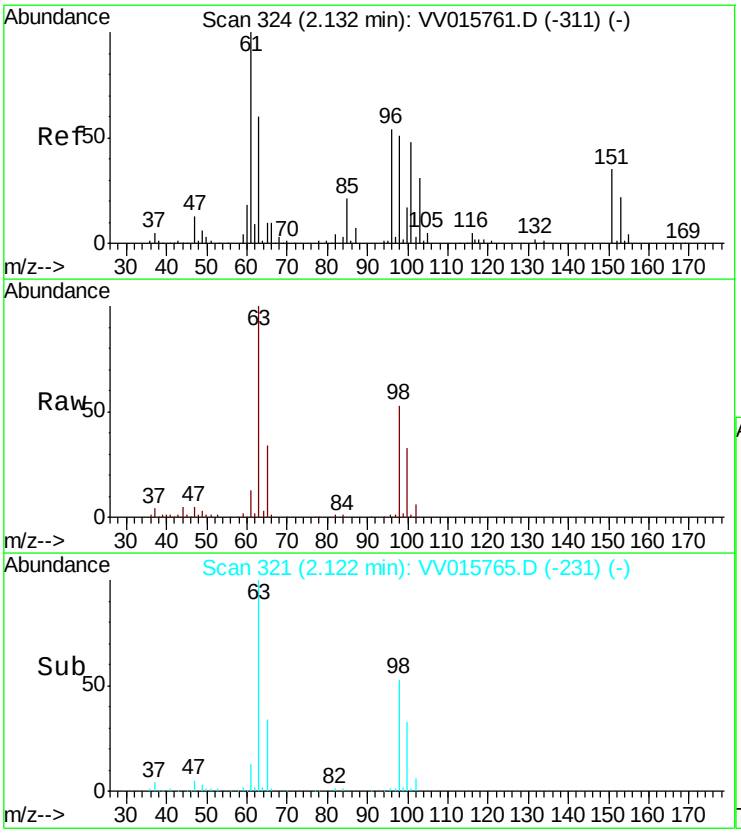

#8
Chloroethane
Concen: 0.187 ug/L
RT: 1.54 min Scan# 140
Delta R.T. -0.05 min
Lab File: VV015765.D
Acq: 28 Apr 2020 23:05

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

Tgt Ion: 64 Resp: 1140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 6.4 | 22.3 | 41.5# |

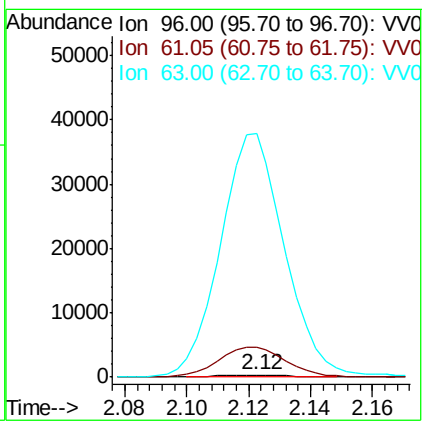


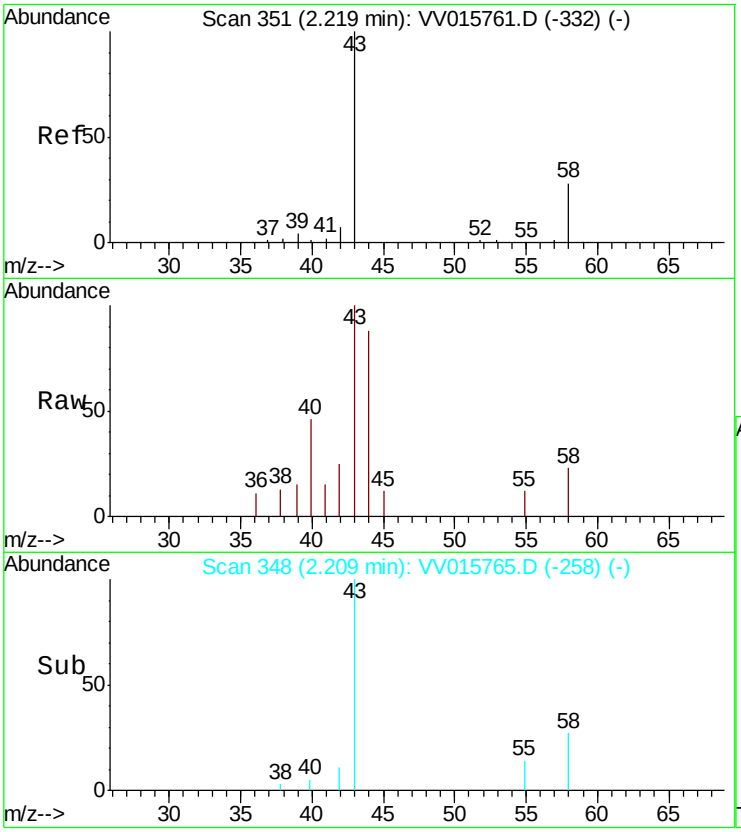




#12
1,1-Dichloroethene
Concen: 0.071 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV015765.D
Acq: 28 Apr 2020 23:05

Tgt Ion: 96 Resp: 484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1542.0 | 130.1 | 241.7# |
| 63 | 12333.6 | 91.4 | 169.8# |



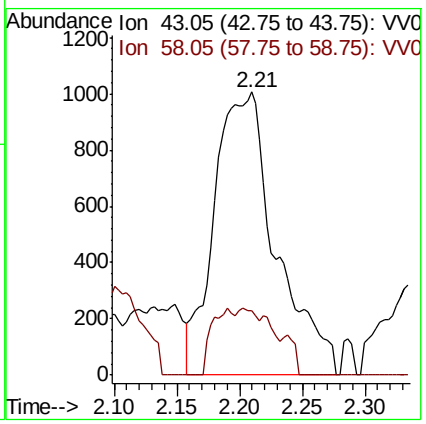


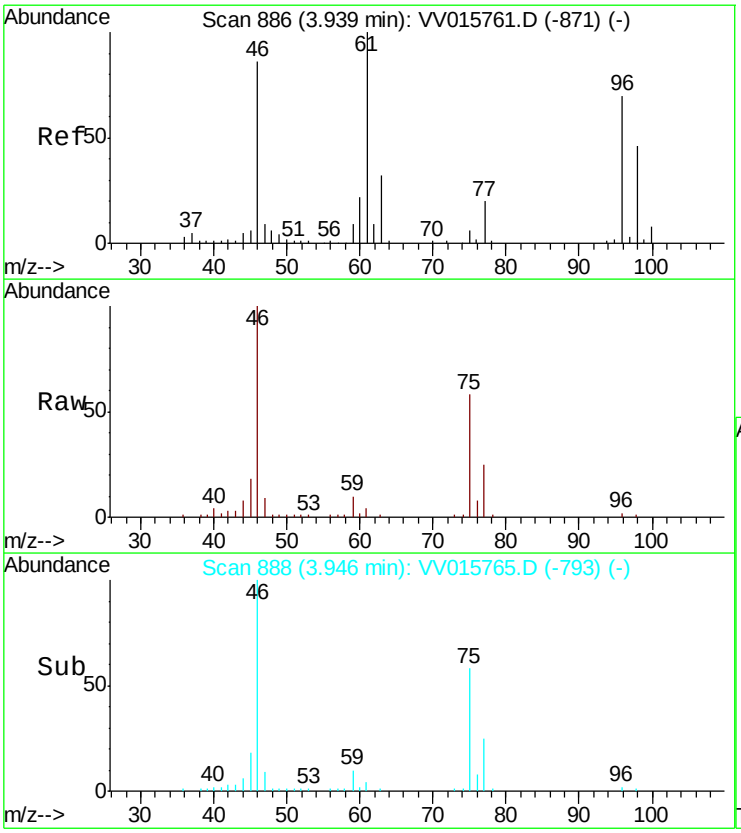

#13
Acetone
Concen: 2.510 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.01 min
Lab File: VV015765.D
Acq: 28 Apr 2020 23:05

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

Tgt Ion: 43 Resp: 3431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 9.0 | 0.0 | 57.6 |

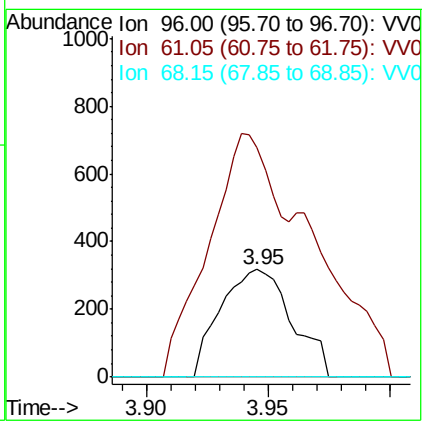


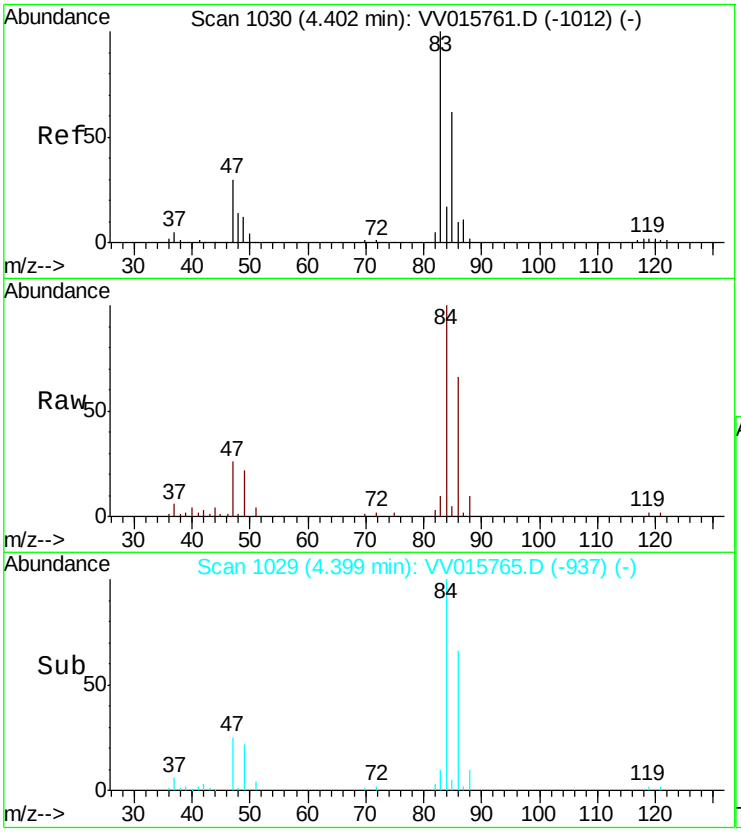




#22
cis-1,2-Dichloroethene
Concen: 0.076 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV015765.D
Acq: 28 Apr 2020 23:05

Tgt Ion: 96 Resp: 645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 213.6 | 96.4 | 179.0# |
| 68 | 0.0 | 0.0 | 0.0 |



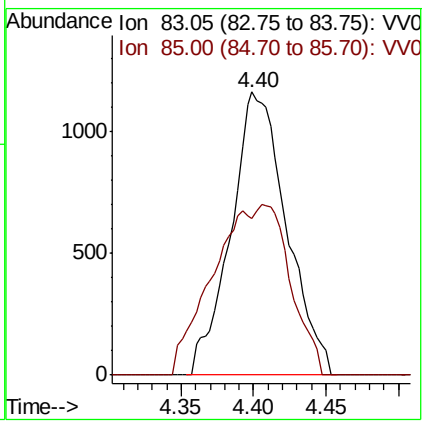


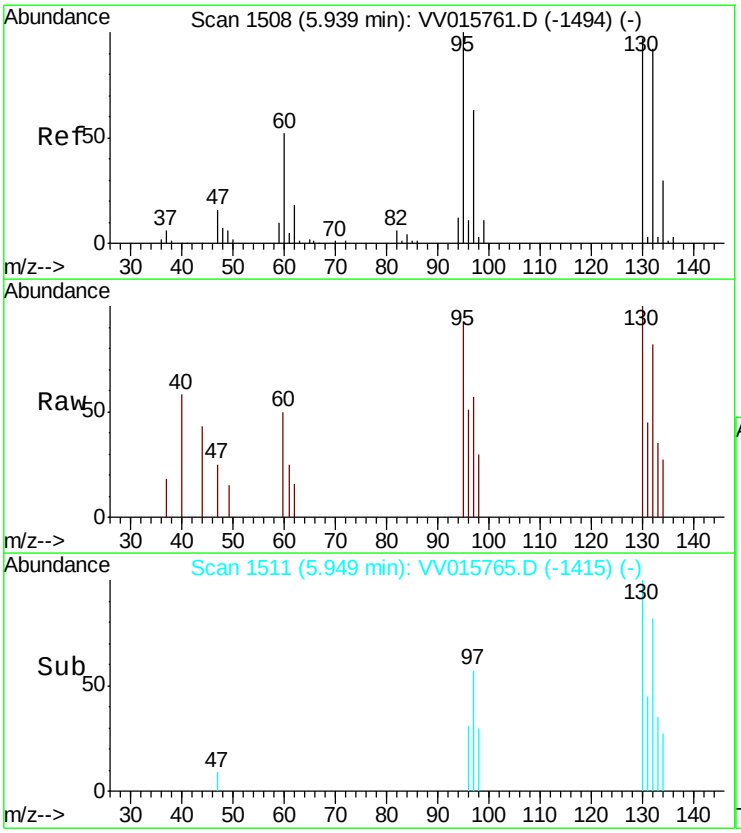

#25
Chloroform
Concen: 0.195 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015765.D
Acq: 28 Apr 2020 23:05

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

Tgt Ion: 83 Resp: 3111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 55.2 | 46.1 | 85.5 |

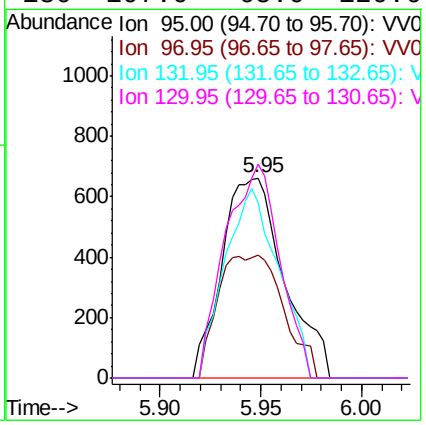


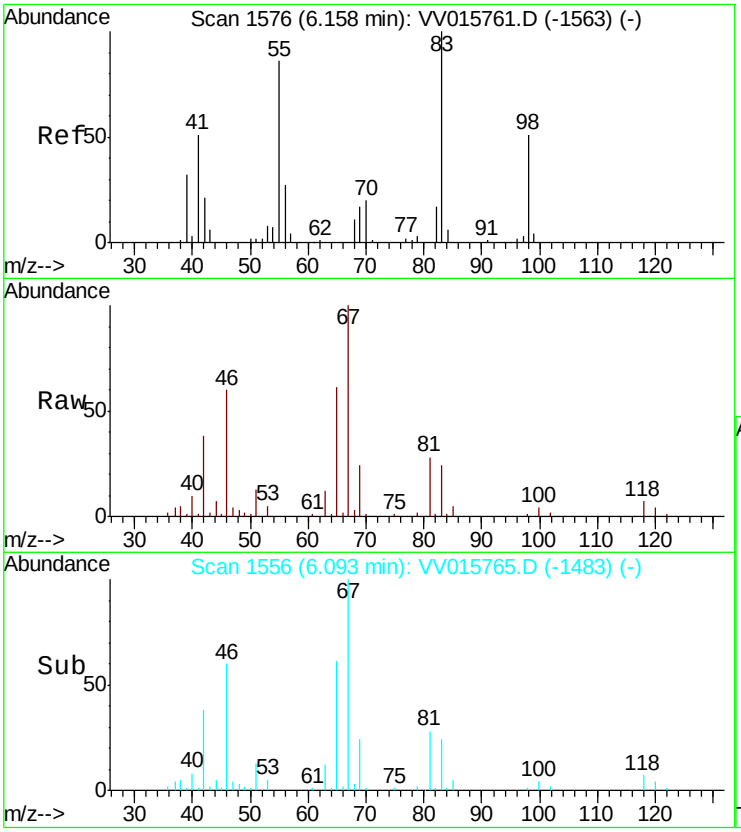




#34
Trichloroethene
Concen: 0.158 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV015765.D
Acq: 28 Apr 2020 23:05

Tgt Ion: 95 Resp: 1430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 61.3 | 44.7 | 82.9 |
| 132 | 87.7 | 65.2 | 121.0 |
| 130 | 107.0 | 65.0 | 120.6 |



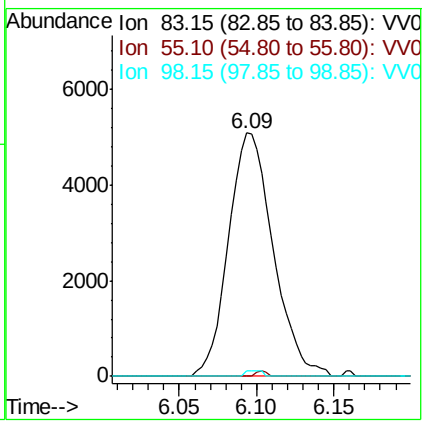


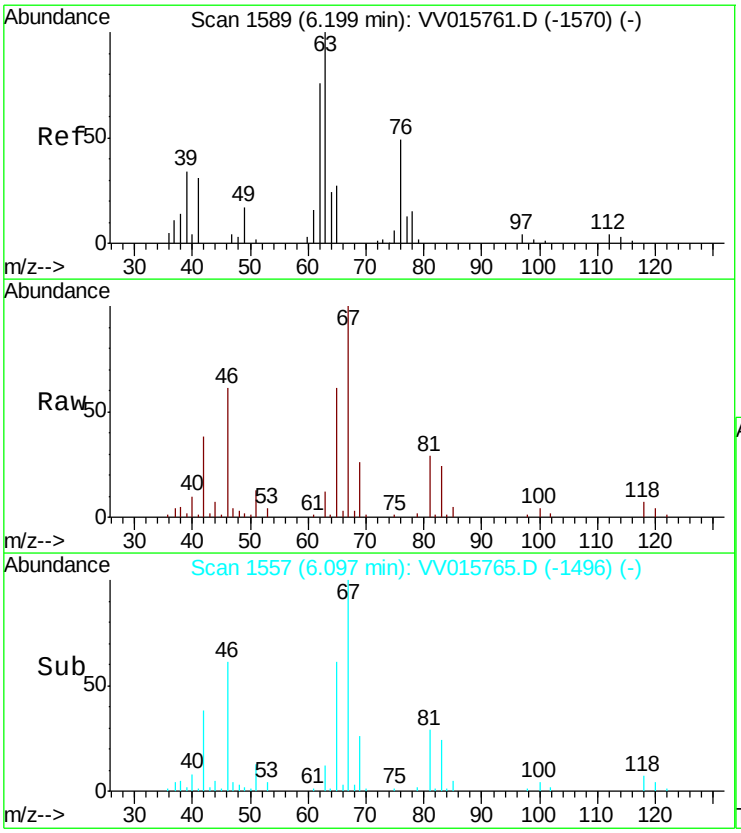

#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015765.D
Acq: 28 Apr 2020 23:05

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

Tgt Ion: 83 Resp: 10219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.6 | 66.6 | 99.8# |
| 98 | 0.9 | 39.5 | 59.3# |

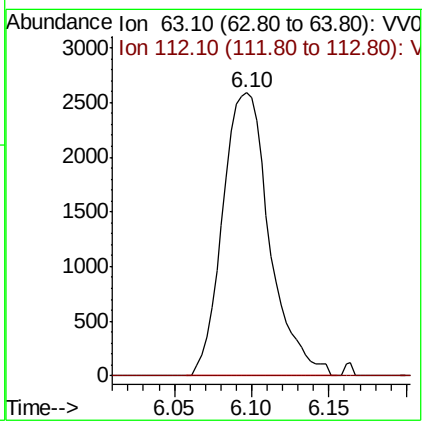


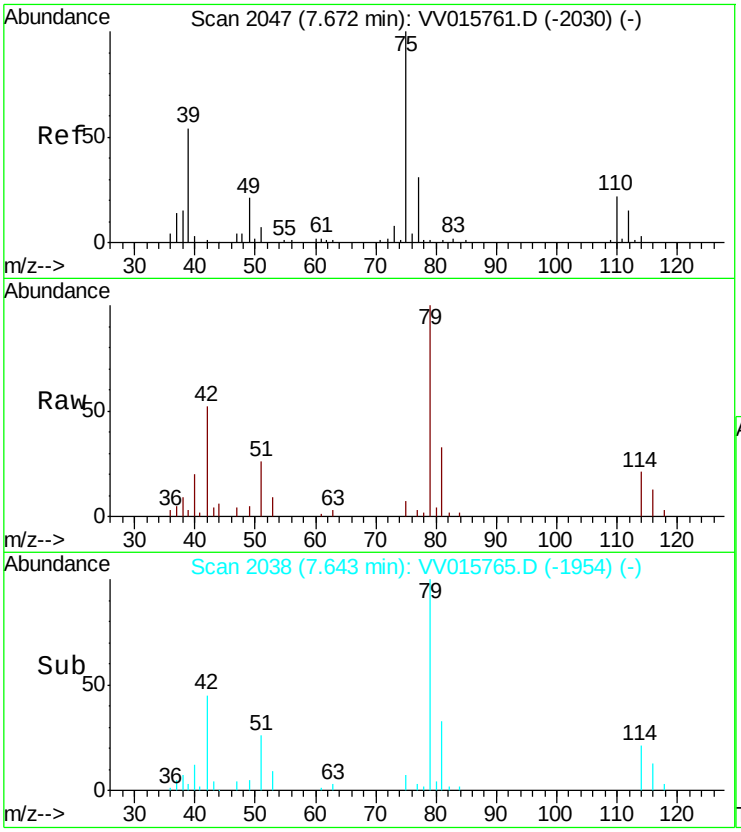




#37
1,2-Dichloropropane
Concen: 0.655 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015765.D
Acq: 28 Apr 2020 23:05

Tgt Ion: 63 Resp: 5466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.6 | 5.4# |



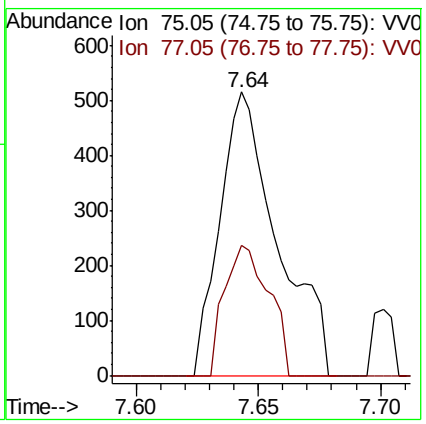


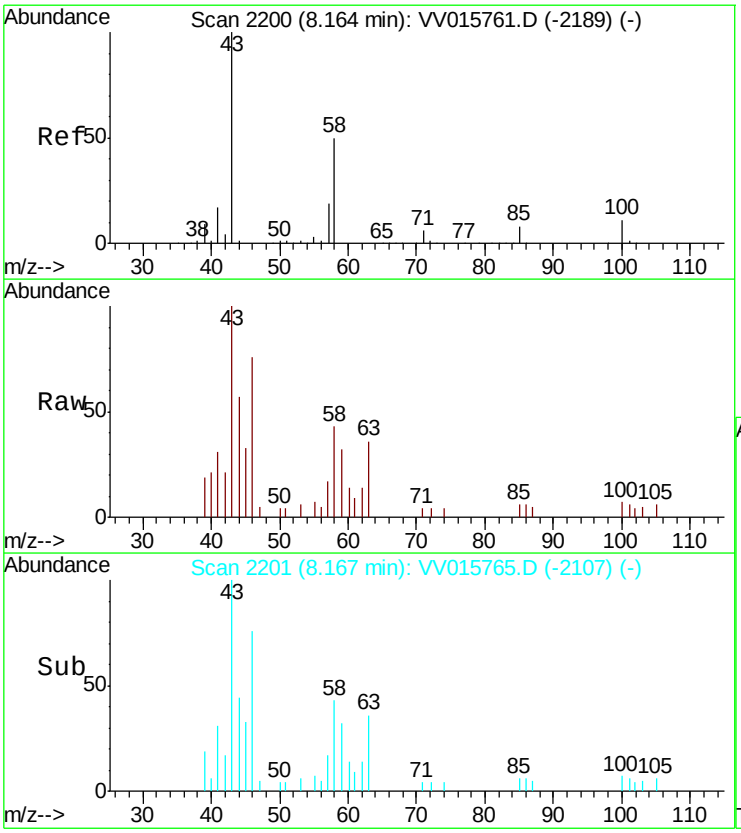

#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015765.D
Acq: 28 Apr 2020 23:05

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

Tgt Ion: 75 Resp: 844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.8 | 21.8 | 40.6# |




#48
2-Hexanone
Concen: 1.415 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015765.D
Acq: 28 Apr 2020 23:05

Tgt Ion: 43 Resp: 5467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.1 | 41.1 | 61.7# |
| 57 | 21.4 | 15.0 | 22.4 |
| 100 | 7.0 | 9.0 | 13.4# |