Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060120\
Data File : VV016410.D
Acq On : 01 Jun 2020 14:30
Operator : SY/MD
Sample : L2780-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 02 01:17:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 62559 | 5.00 | ug/L | | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 59568 | 5.00 | ug/L | | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 25403 | 5.00 | ug/L | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 29623 | 5.41 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 108.20% | | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 24326 | 5.84 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 116.80% | | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 44159 | 4.61 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 92.20% | | | | |
| 20) 2-Butanone-d5 | 3.96 | 46 | 66706 | 56.45 | ug/L | | 0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 112.90% | | | | |
| 24) Chloroform-d | 4.37 | 84 | 61392 | 6.63 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 132.60%# | | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 34194 | 7.09 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 141.80%# | | | | |
| 32) Benzene-d6 | 5.07 | 84 | 119524 | 7.06 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 141.20%# | | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 38052 | 7.28 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 145.60%# | | | | |
| 41) Toluene-d8 | 7.33 | 98 | 102033 | 6.59 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 131.80%# | | | | |
| 45) trans-1,3-Dichloropropene- | 7.64 | 79 | 12638 | 6.70 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 134.00%# | | | | |
| 48) 2-Hexanone-d5 | 8.11 | 63 | 65010 | 74.12 | ug/L | | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 148.24%# | | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.23 | 84 | 25857 | 7.00 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 140.00%# | | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.64 | 152 | 33396 | 7.08 | ug/L | | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 141.60%# | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.25 | 50 | 1438 | 0.230 | ug/L | | 87 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 935 | 0.221 | ug/L | # | 68 |
| 12) 1,1-Dichloroethene | 2.12 | 96 | 516 | 0.128 | ug/L | # | 1 |
| 22) cis-1,2-Dichloroethene | 3.93 | 96 | 1346 | 0.285 | ug/L | | 90 |
| 25) Chloroform | 4.39 | 83 | 1517 | 0.180 | ug/L | | 78 |
| 27) 1,2-Dichloroethane | 5.07 | 62 | 770 | 0.138 | ug/L | # | 76 |
| 33) Benzene | 5.06 | 78 | 1092 | 0.062 | ug/L | | 100 |
| 34) Trichloroethene | 5.93 | 95 | 1910 | 0.413 | ug/L | | 96 |
| 35) Methylcyclohexane | 6.09 | 83 | 9186 | 1.233 | ug/L | # | 15 |
| 37) 1,2-Dichloropropane | 6.09 | 63 | 4462 | 1.001 | ug/L | # | 87 |
| 39) cis-1,3-Dichloropropene | 7.00 | 75 | 972 | 0.165 | ug/L | # | 64 |
| 46) trans-1,3-Dichloropropene | 7.64 | 75 | 690 | 0.142 | ug/L | # | 58 |
| 49) Tetrachloroethene | 7.99 | 164 | 11546 | 3.404 | ug/L | | 96 |
| 50) 2-Hexanone | 8.11 | 43 | 9398 | 5.003 | ug/L | # | 65 |
| 51) Dibromochloromethane | 7.99 | 129 | 10779 | 3.614 | ug/L | # | 9 |
| 70) Naphthalene | 13.52 | 128 | 2626 | 0.227 | ug/L | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060120\
Data File : VV016410.D
Acq On : 01 Jun 2020 14:30
Operator : SY/MD
Sample : L2780-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 02 01:17:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration

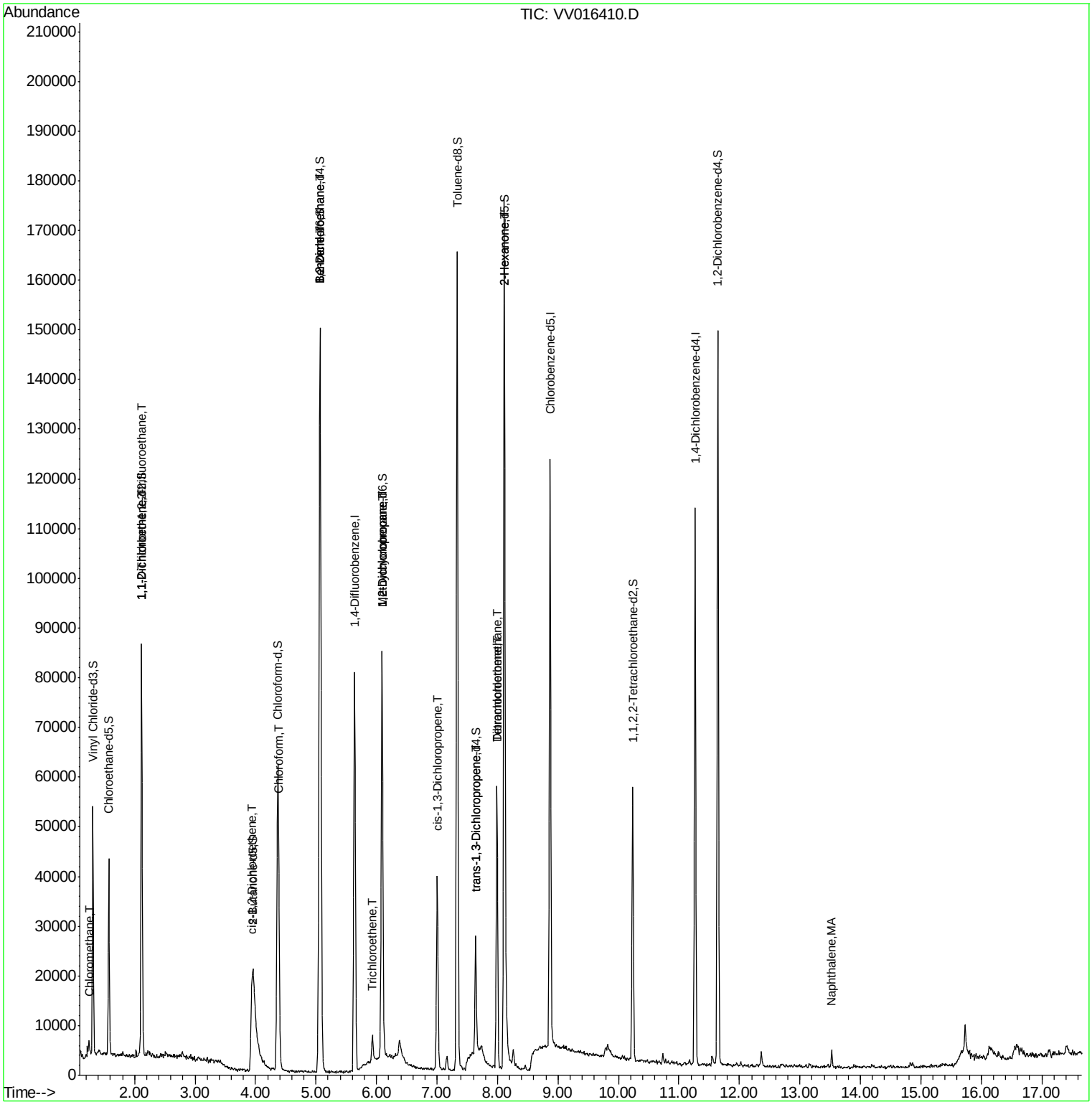
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

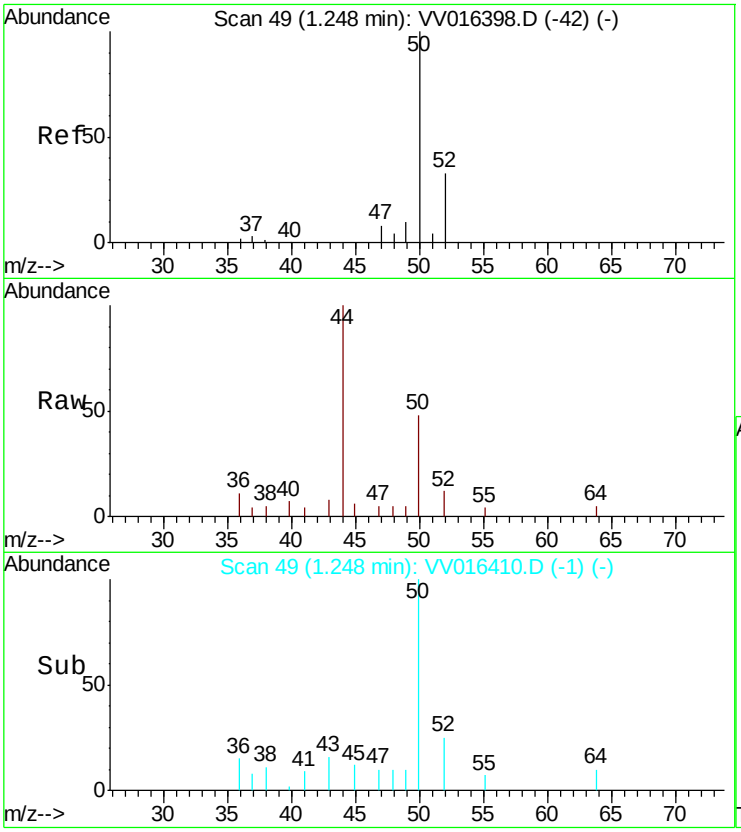
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060120\
Data File : VV016410.D
Acq On : 01 Jun 2020 14:30
Operator : SY/MD
Sample : L2780-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 02 01:17:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration



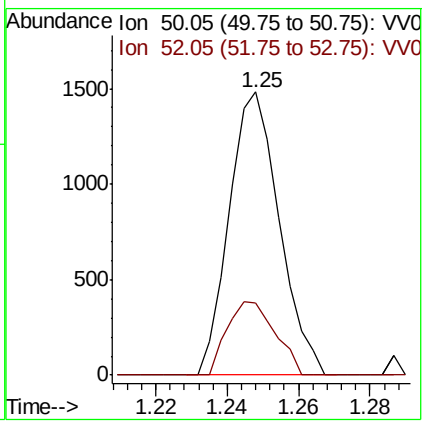


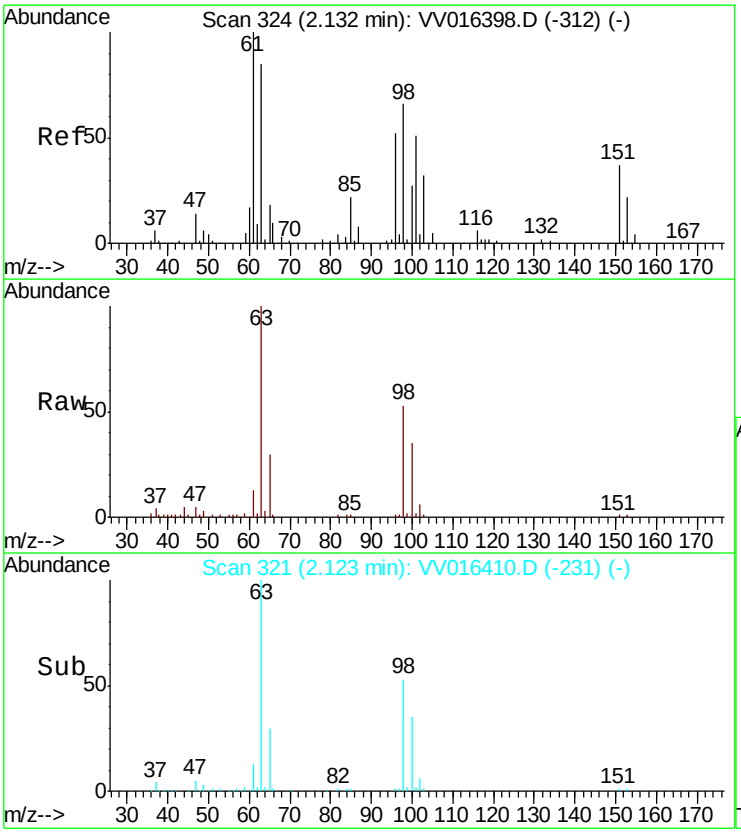

#3
Chloromethane
Concen: 0.230 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

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

Tgt Ion: 50 Resp: 1438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 25.4 | 23.1 | 42.9 |

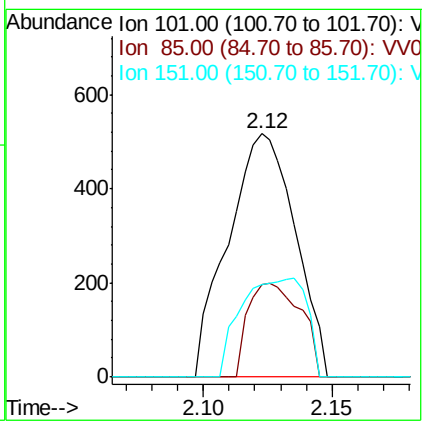


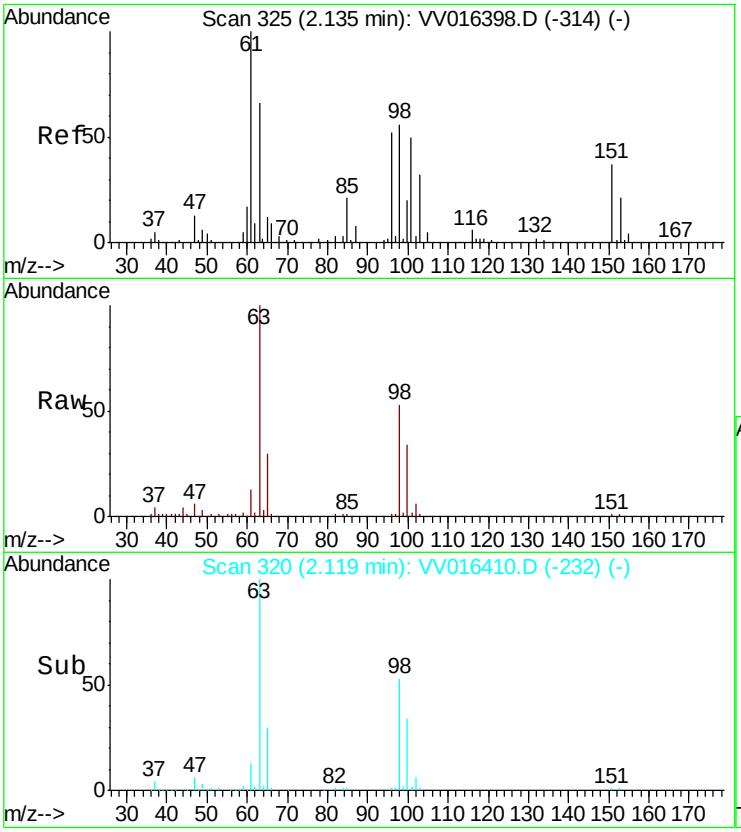




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.221 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

Tgt Ion:101 Resp: 935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 30.2 | 35.7 | 53.5# |
| 151 | 39.5 | 57.2 | 85.8# |



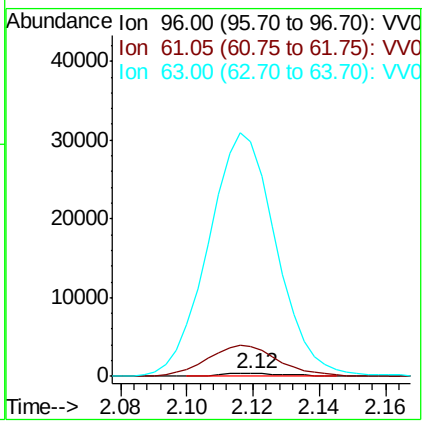


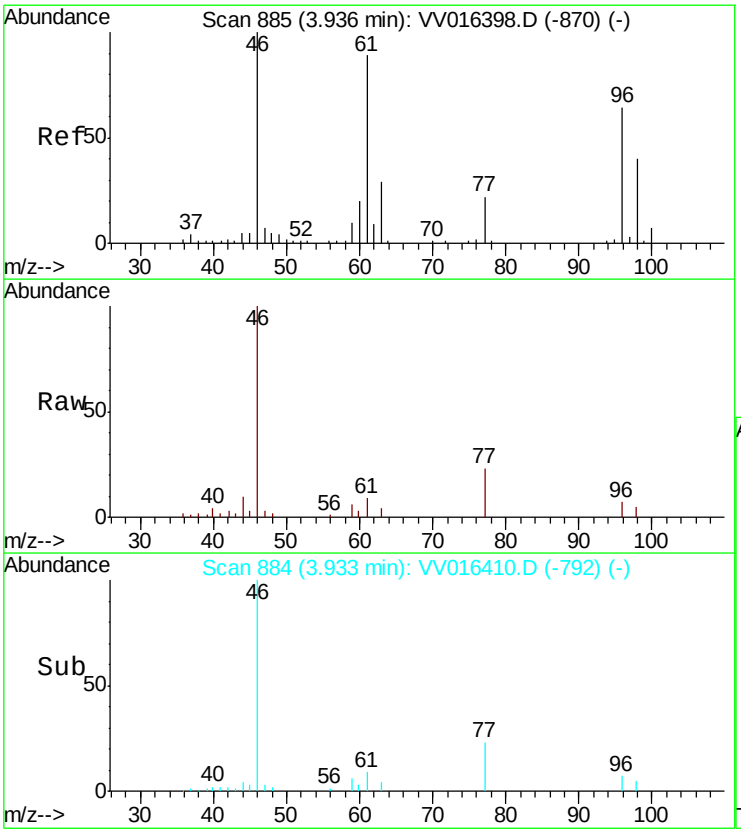

#12
1,1-Dichloroethene
Concen: 0.128 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.02 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

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

Tgt Ion: 96 Resp: 516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1077.2 | 125.4 | 233.0# |
| 63 | 8492.3 | 88.2 | 163.8# |

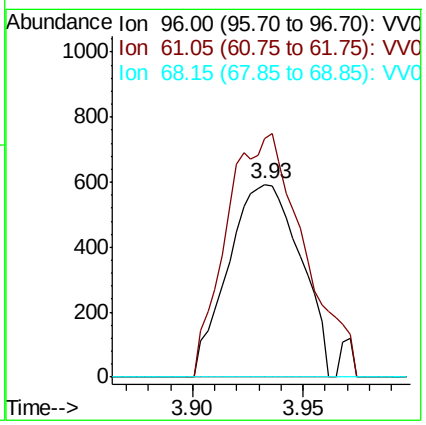


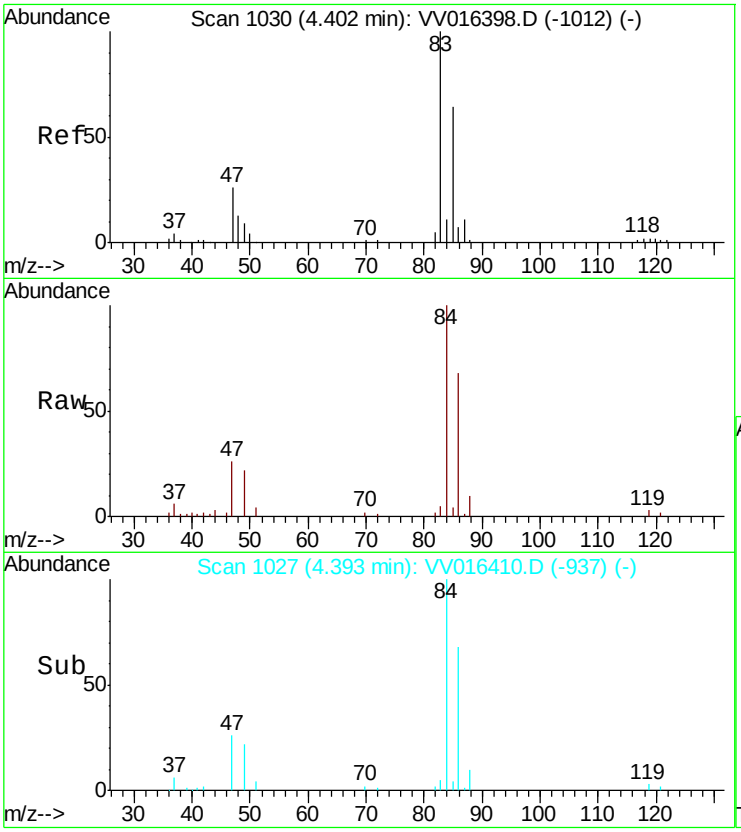




#22
cis-1,2-Dichloroethene
Concen: 0.285 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

Tgt Ion: 96 Resp: 1346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 123.8 | 94.8 | 176.0 |
| 68 | 0.0 | 0.0 | 0.0 |



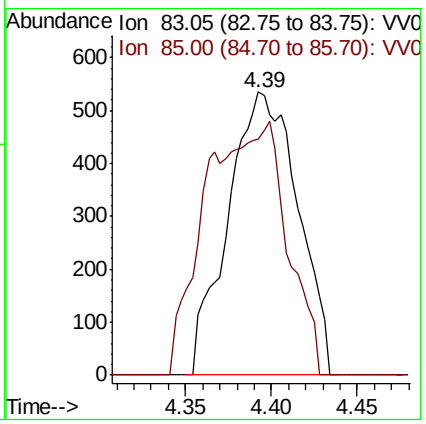


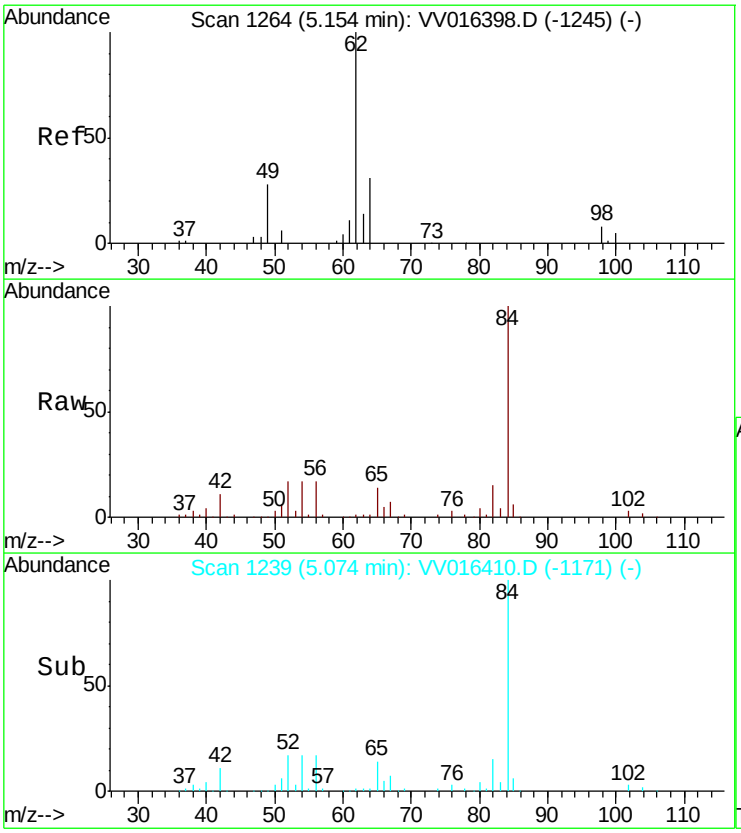

#25
Chloroform
Concen: 0.180 ug/L
RT: 4.39 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

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

Tgt Ion: 83 Resp: 1517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 83.2 | 45.8 | 85.2 |

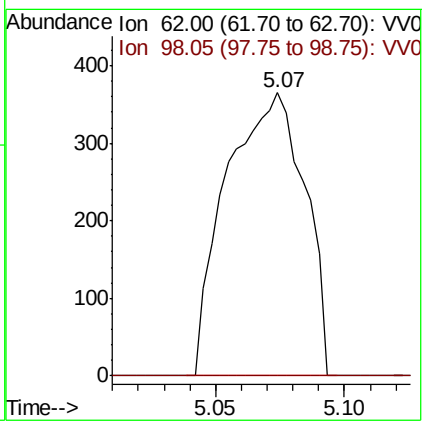


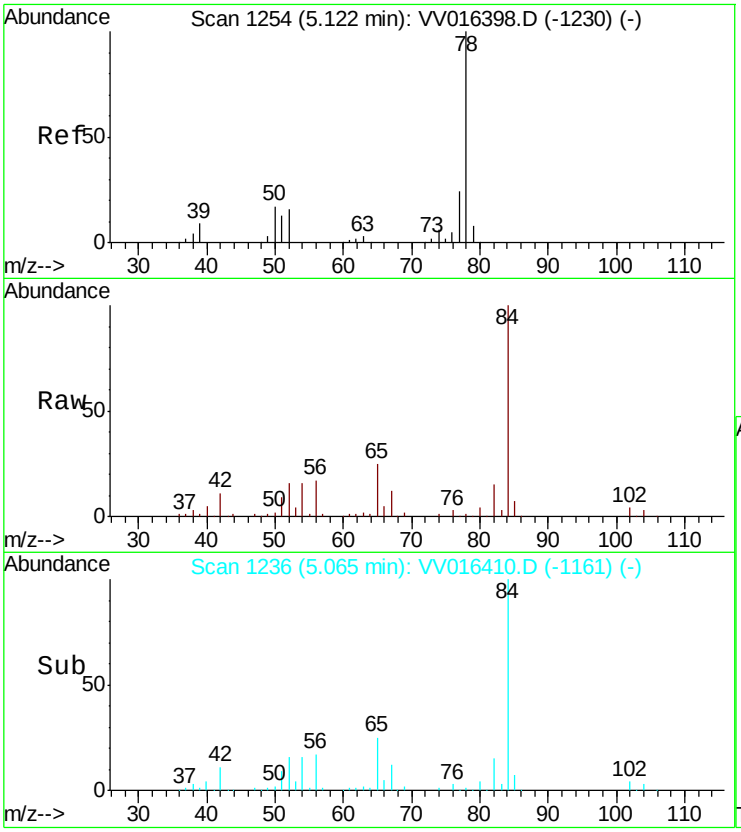




#27
1,2-Dichloroethane
Concen: 0.138 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

Tgt Ion: 62 Resp: 770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 7.0 | 10.4# |

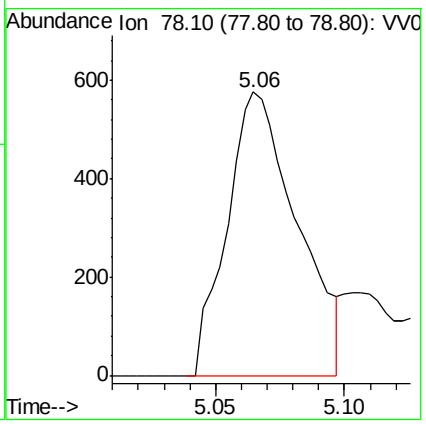


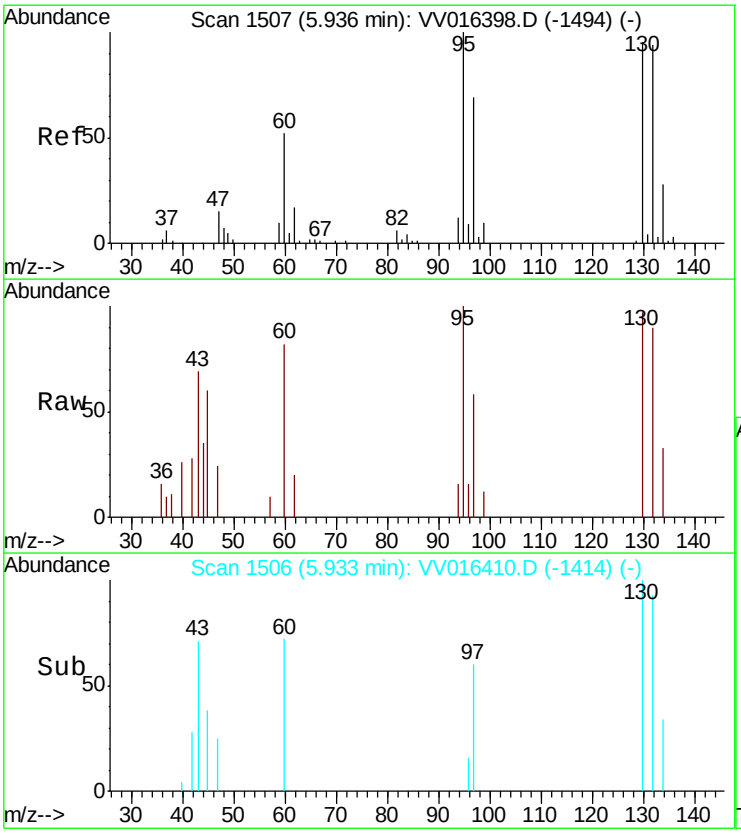



#33
Benzene
Concen: 0.062 ug/L
RT: 5.06 min Scan# 1236
Delta R.T. -0.06 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

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

Tgt Ion: 78 Resp: 1092

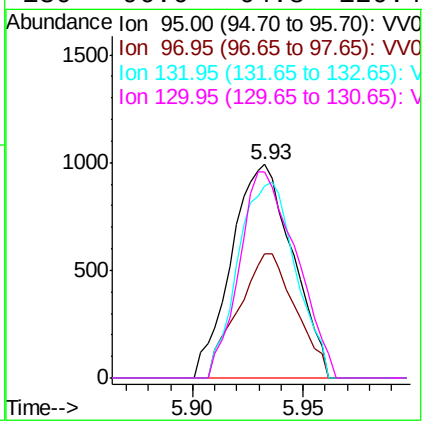


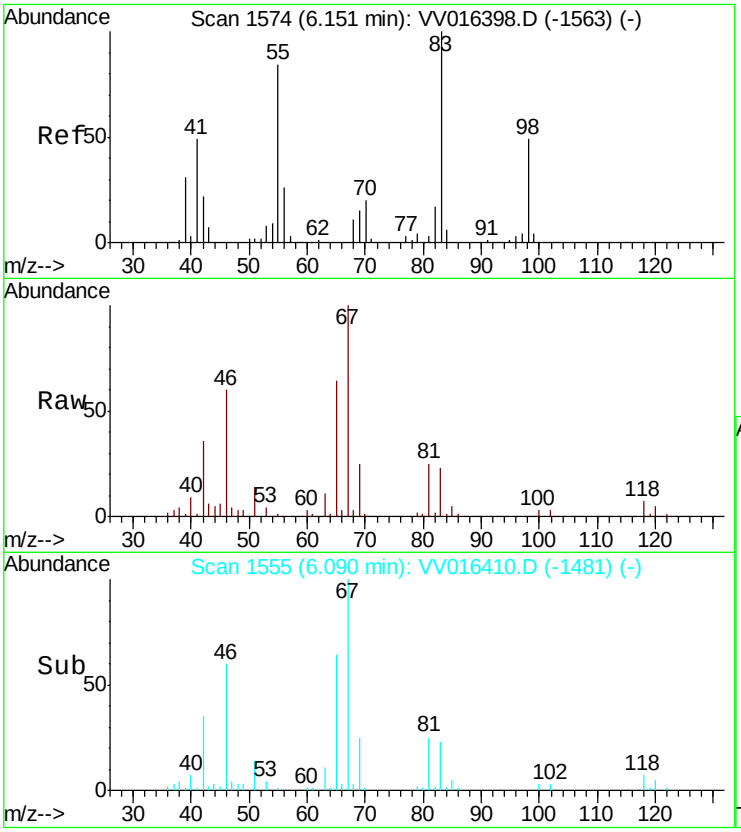




#34
Trichloroethene
Concen: 0.413 ug/L
RT: 5.93 min Scan# 1506
Delta R.T. -0.00 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

Tgt Ion: 95 Resp: 1910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 58.1 | 42.6 | 79.0 |
| 132 | 89.7 | 59.6 | 110.8 |
| 130 | 96.6 | 64.8 | 120.4 |



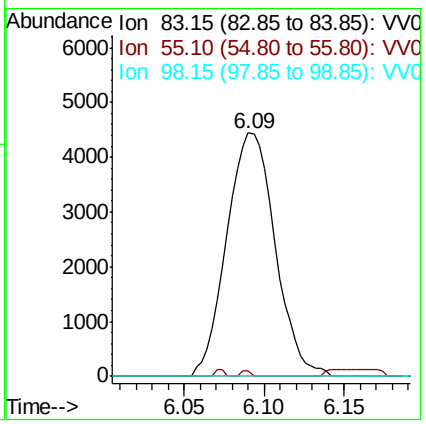


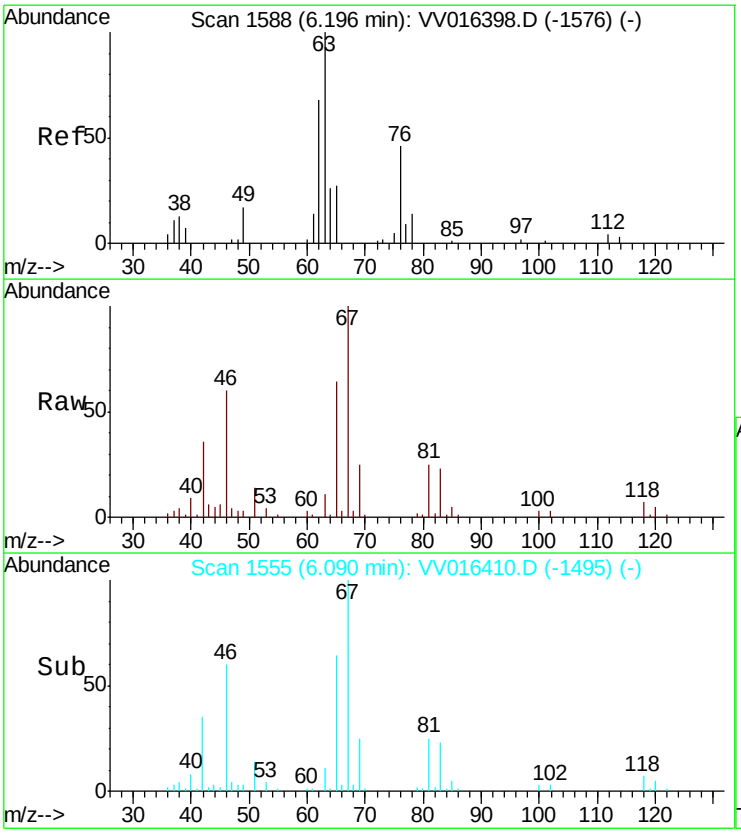

#35
Methylcyclohexane
Concen: 1.233 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

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

Tgt Ion: 83 Resp: 9186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 67.0 | 100.4# |
| 98 | 0.0 | 39.0 | 58.4# |

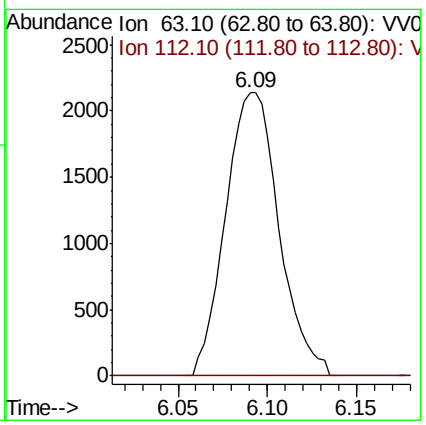


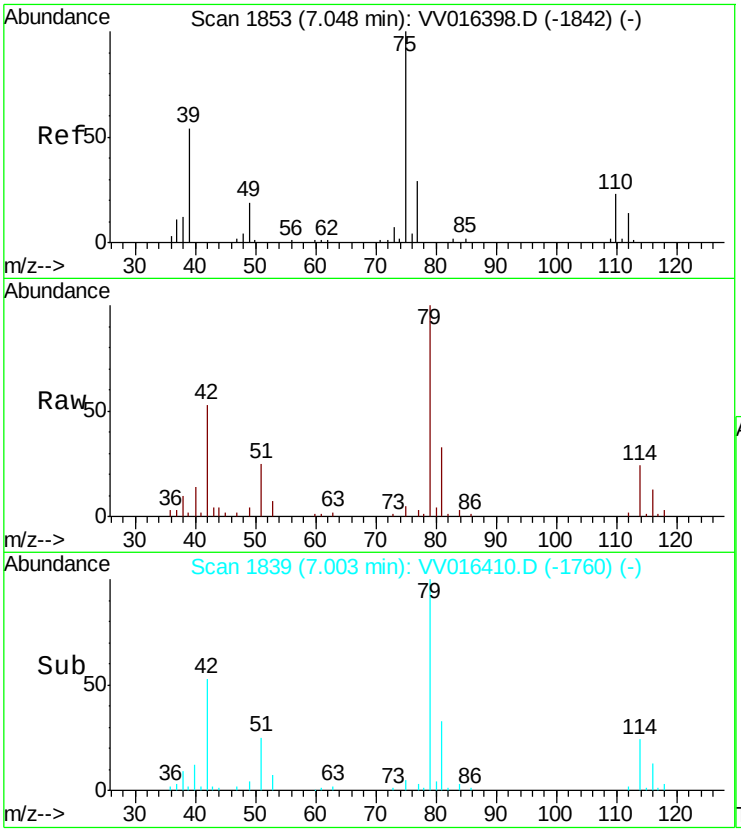




#37
1,2-Dichloropropane
Concen: 1.001 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.11 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

Tgt Ion: 63 Resp: 4462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.0# |



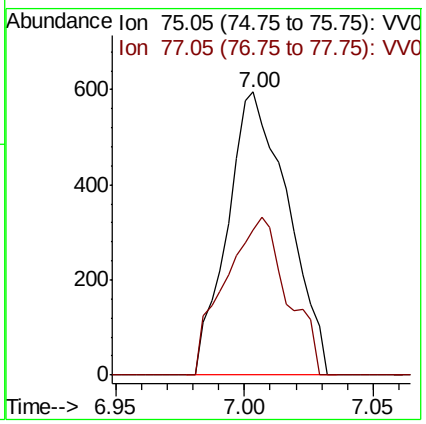


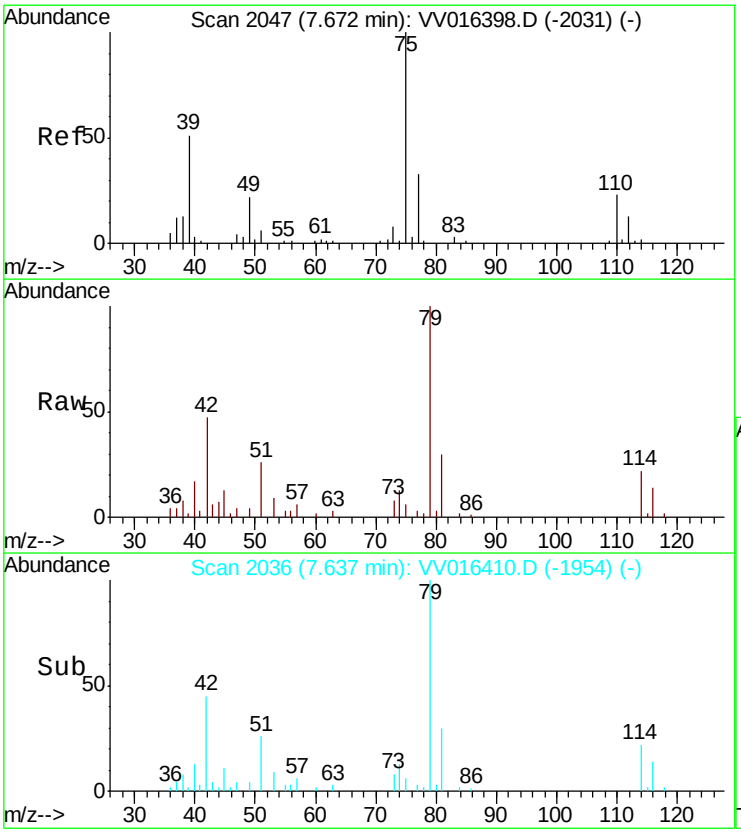

#39
cis-1,3-Dichloropropene
Concen: 0.165 ug/L
RT: 7.00 min Scan# 1839
Delta R.T. -0.04 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

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

Tgt Ion: 75 Resp: 972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 51.3 | 22.0 | 41.0# |

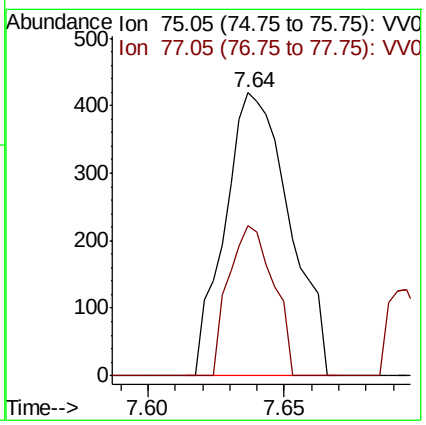


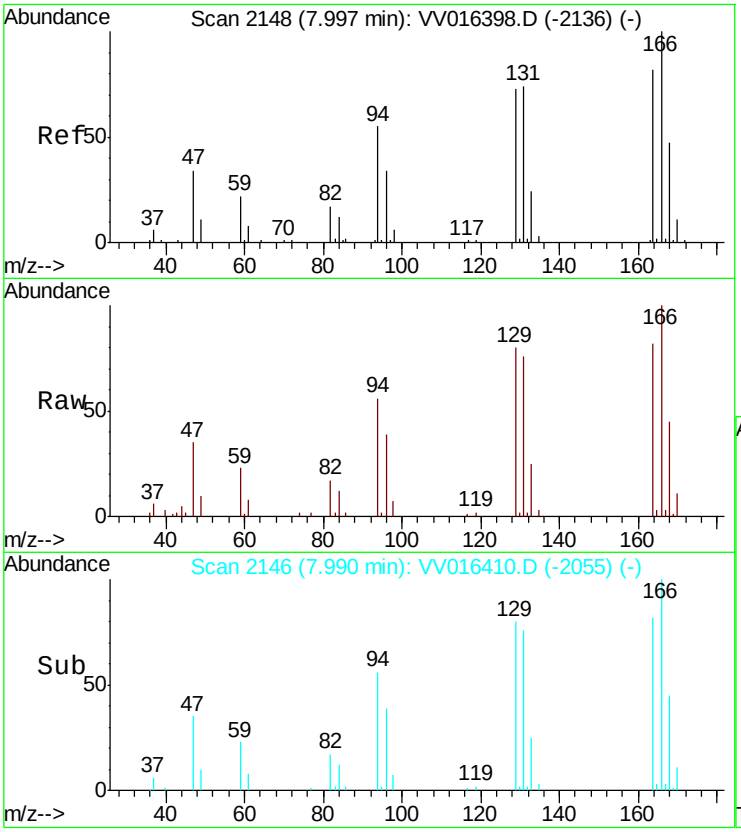




#46
trans-1,3-Dichloropropene
Concen: 0.142 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. -0.04 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

Tgt Ion: 75 Resp: 690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 53.2 | 21.1 | 39.3# |



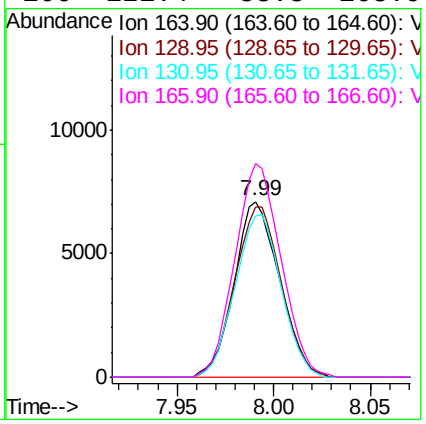


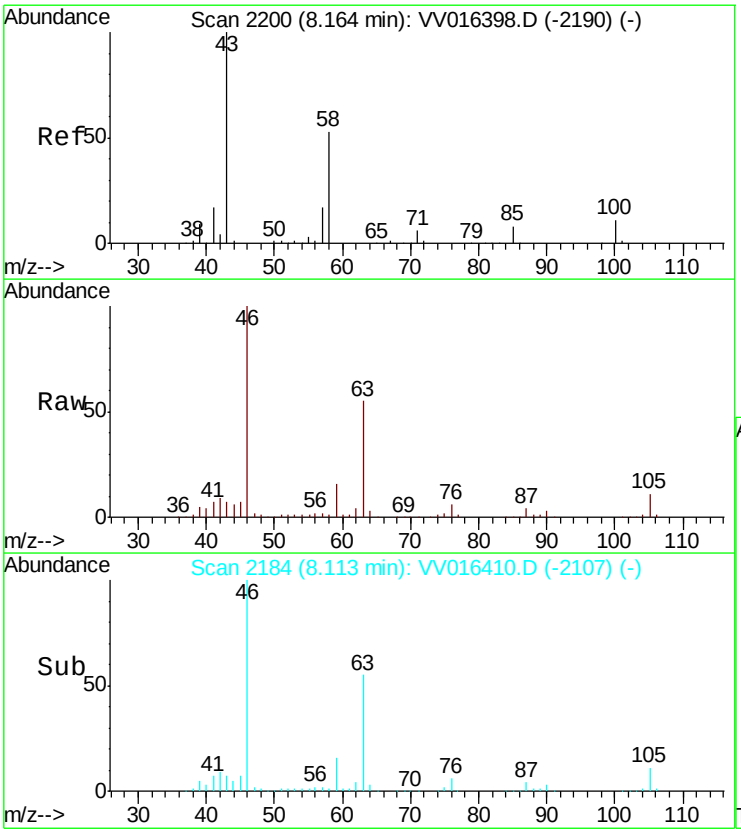

#49
Tetrachloroethene
Concen: 3.404 ug/L
RT: 7.99 min Scan# 2146
Delta R.T. -0.01 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

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

Tgt Ion:164 Resp: 11546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 97.0 | 72.2 | 134.0 |
| 131 | 92.0 | 65.8 | 122.2 |
| 166 | 121.4 | 88.3 | 163.9 |

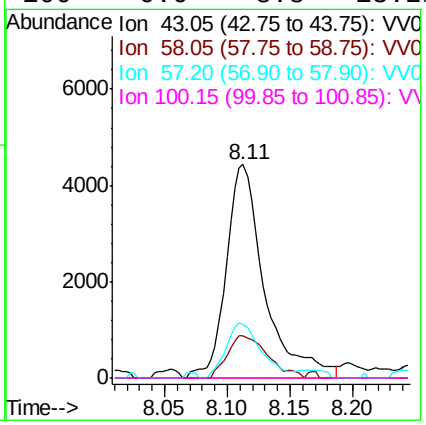


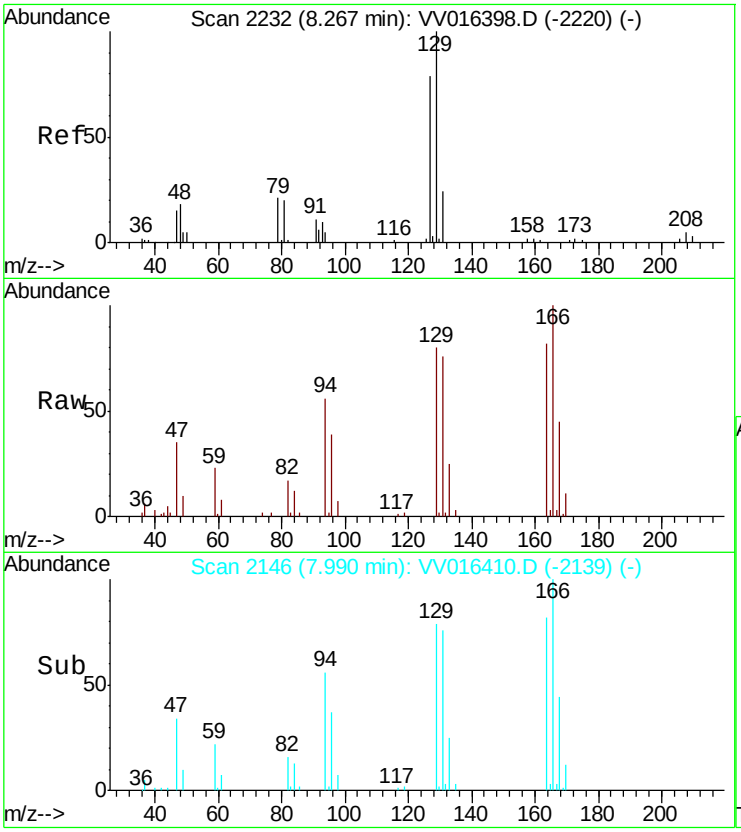




#50
2-Hexanone
Concen: 5.003 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

Tgt Ion: 43 Resp: 9398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 20.9 | 41.1 | 61.7# |
| 57 | 23.7 | 14.2 | 21.4# |
| 100 | 0.0 | 8.8 | 13.2# |



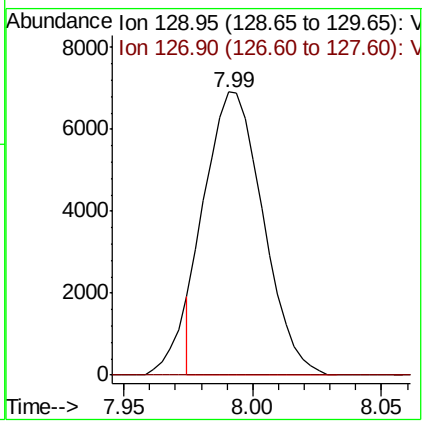


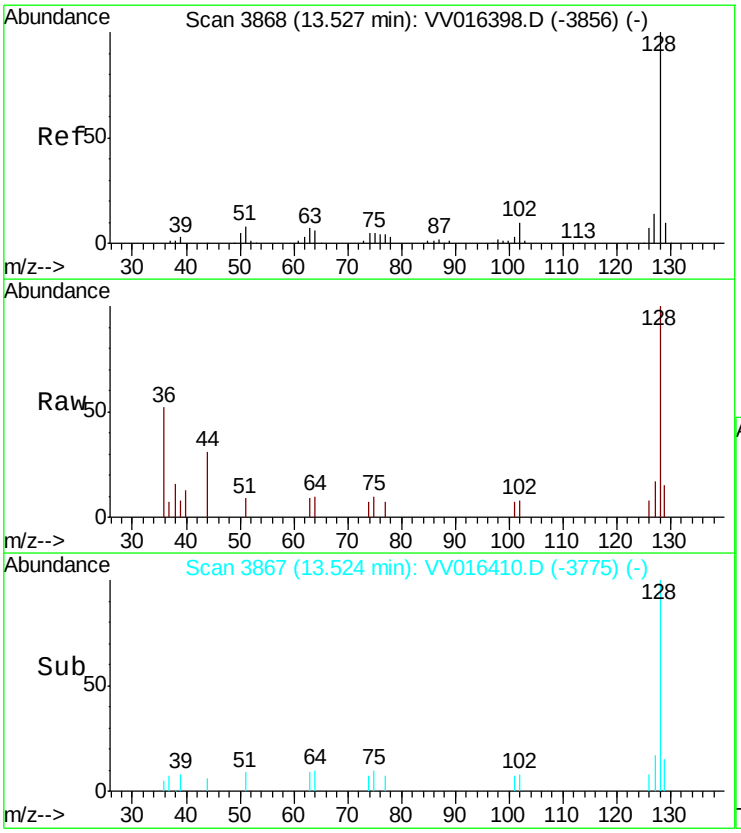

#51
Dibromochloromethane
Concen: 3.614 ug/L
RT: 7.99 min Scan# 2146
Delta R.T. -0.28 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

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

Tgt Ion:129 Resp: 10779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 57.0 | 105.8# |




#70
Naphthalene
Concen: 0.227 ug/L
RT: 13.52 min Scan# 3867
Delta R.T. -0.00 min
Lab File: VV016410.D
Acq: 01 Jun 2020 14:30

Tgt Ion:128 Resp: 2626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.6 | 12.8 |
| 127 | 14.1 | 10.7 | 16.1 |