Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051820\
Data File : VV016103.D
Acq On : 18 May 2020 15:51
Operator : SY/MD
Sample : L2655-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 19 04:49:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 19 04:04:01 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 201333 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 198279 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 92008 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 85185 | 58.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 117.34% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 77666 | 60.30 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 120.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 126292 | 46.00 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 92.00% | | | |
| 21) 2-Butanone-d5 | 3.94 | 46 | 118457 | 135.27 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 135.27%# | | | |
| 24) Chloroform-d | 4.38 | 84 | 162714 | 58.54 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 117.08% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 120308 | 62.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 125.92%# | | | |
| 32) Benzene-d6 | 5.08 | 84 | 328779 | 60.47 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 120.94% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 104886 | 60.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 121.96%# | | | |
| 41) Toluene-d8 | 7.34 | 98 | 298803 | 58.89 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 117.78% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 48657 | 56.41 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 112.82% | | | |
| 47) 2-Hexanone-d5 | 8.12 | 63 | 72387 | 129.26 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 129.26% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 127972 | 59.12 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 118.24% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 112322 | 61.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 123.46%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.56 | 64 | 1062 | 1.020 | ug/L # | 55 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 1204 | 0.934 | ug/L # | 23 |
| 12) 1,1-Dichloroethene | 2.12 | 96 | 1067 | 0.902 | ug/L # | 1 |
| 13) Acetone | 2.22 | 43 | 1639 | 1.922 | ug/L | 99 |
| 25) Chloroform | 4.41 | 83 | 14281 | 5.091 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 3304 | 1.437 | ug/L # | 71 |
| 44) trans-1,3-Dichloropropene | 7.65 | 75 | 2405 | 1.044 | ug/L | 88 |
| 48) 2-Hexanone | 8.12 | 43 | 10381 | 7.152 | ug/L # | 81 |
| 59) 1,2,3-Trichloropropane | 11.27 | 75 | 12614 | 6.963 | ug/L | 90 |

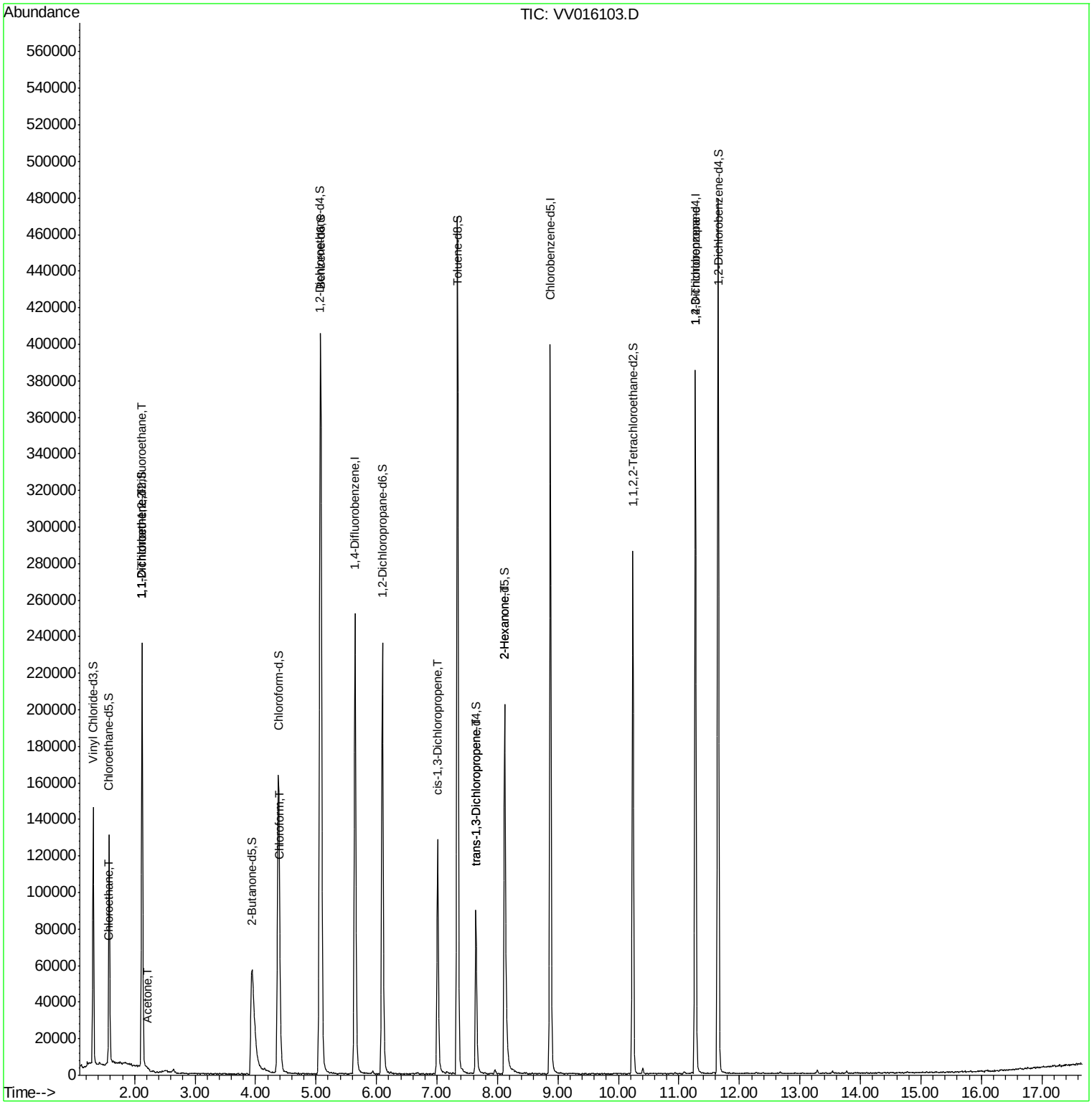
(#) = qualifier out of range (m) = manual integration (+) = signals summed

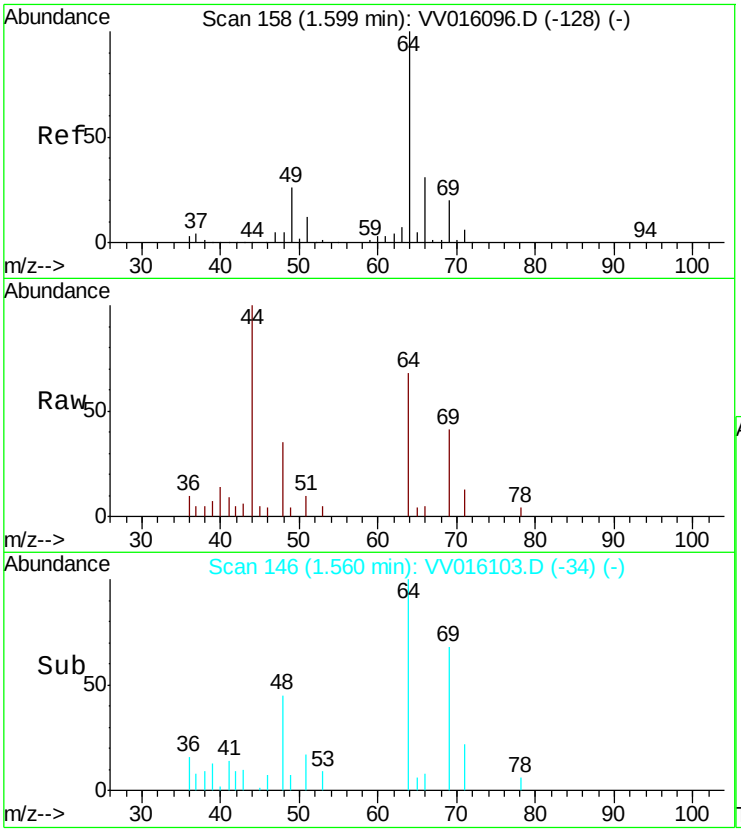
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051820\
Data File : VV016103.D
Acq On : 18 May 2020 15:51
Operator : SY/MD
Sample : L2655-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 19 04:49:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 19 04:04:01 2020
Response via : Initial Calibration



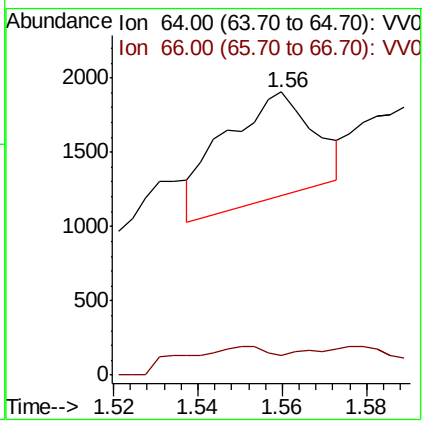


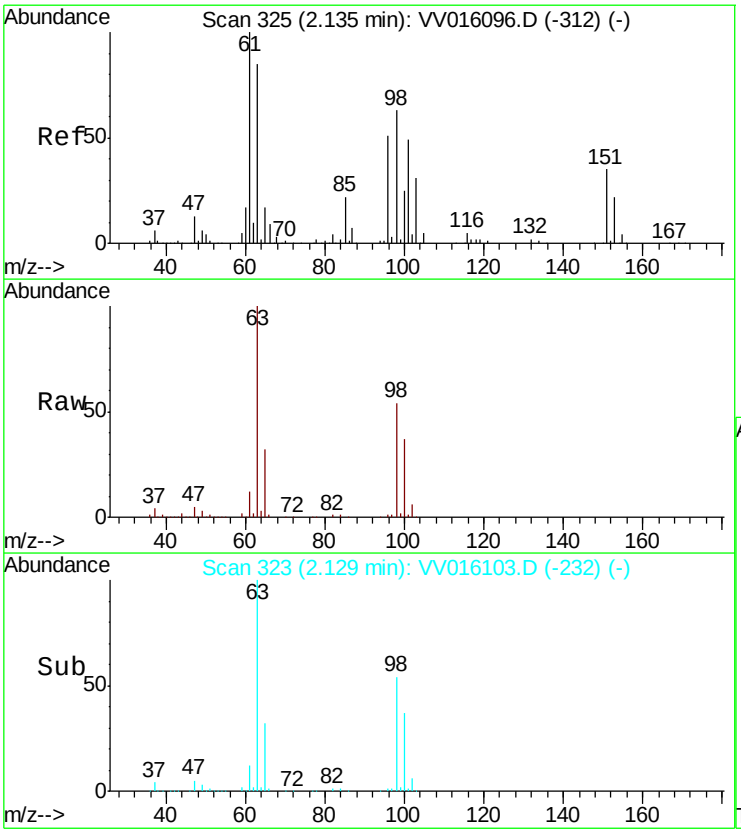

#8
Chloroethane
Concen: 1.020 ug/L
RT: 1.56 min Scan# 146
Delta R.T. -0.04 min
Lab File: VV016103.D
Acq: 18 May 2020 15:51

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

Tgt Ion: 64 Resp: 1062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 6.8 | 22.0 | 40.8# |

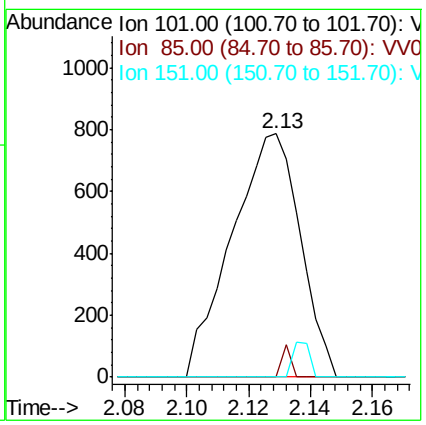


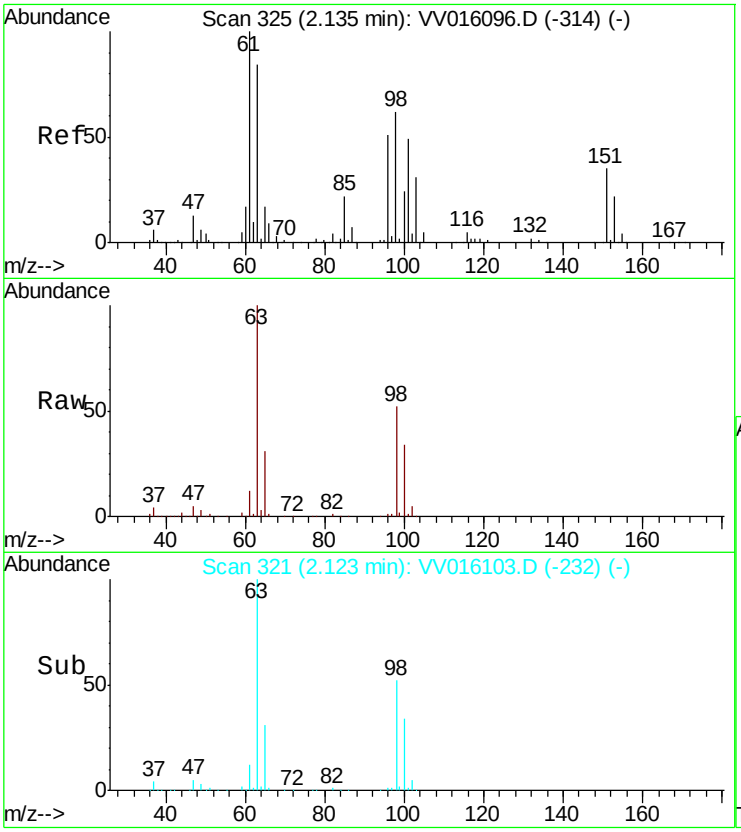




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.934 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV016103.D
Acq: 18 May 2020 15:51

Tgt Ion:101 Resp: 1204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 36.2 | 54.4# |
| 151 | 3.5 | 56.9 | 85.3# |



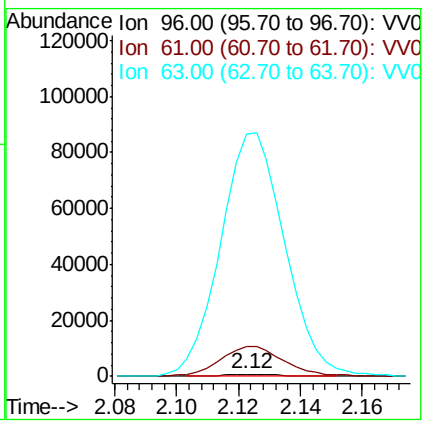


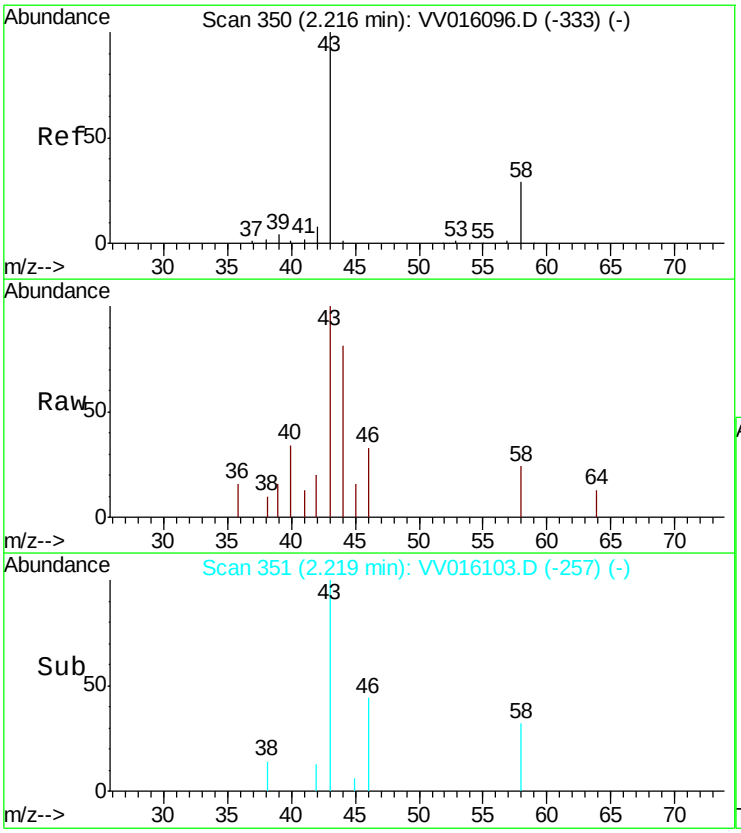

#12
1,1-Dichloroethene
Concen: 0.902 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV016103.D
Acq: 18 May 2020 15:51

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

Tgt Ion: 96 Resp: 1067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1552.8 | 136.8 | 254.2# |
| 63 | 12624.2 | 116.6 | 216.5# |

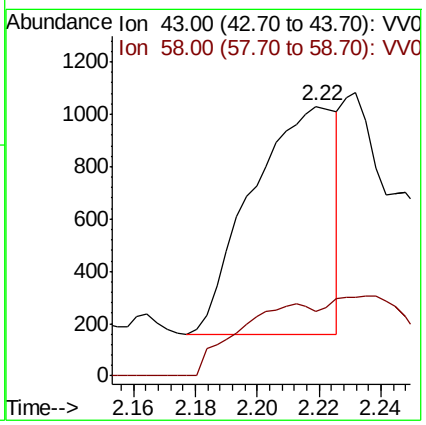


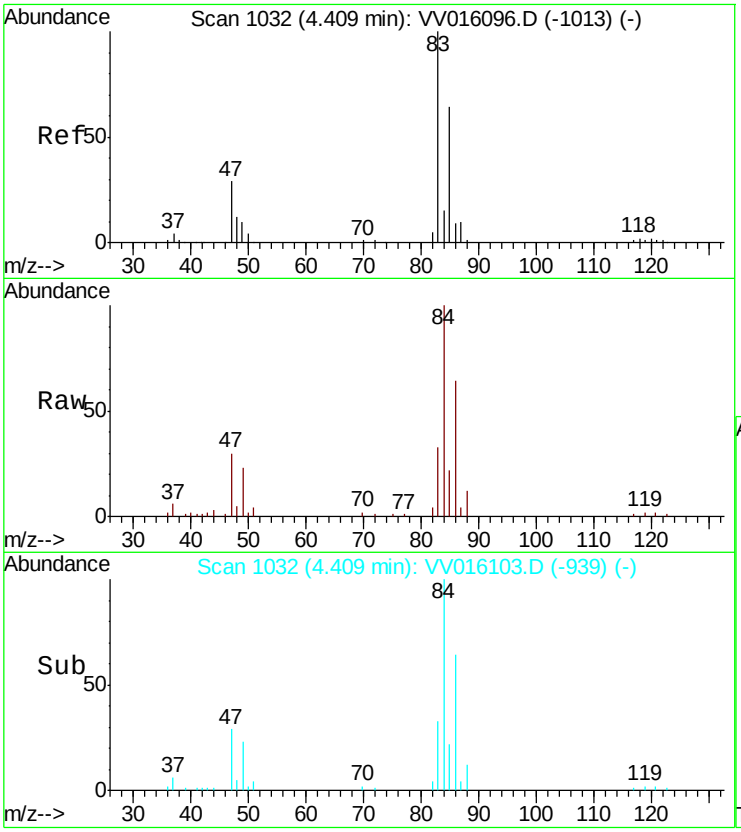




#13
Acetone
Concen: 1.922 ug/L
RT: 2.22 min Scan# 351
Delta R.T. 0.00 min
Lab File: VV016103.D
Acq: 18 May 2020 15:51

Tgt Ion: 43 Resp: 1639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.5 | 0.0 | 57.8 |

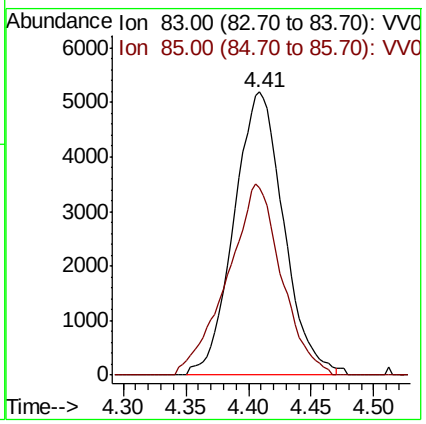




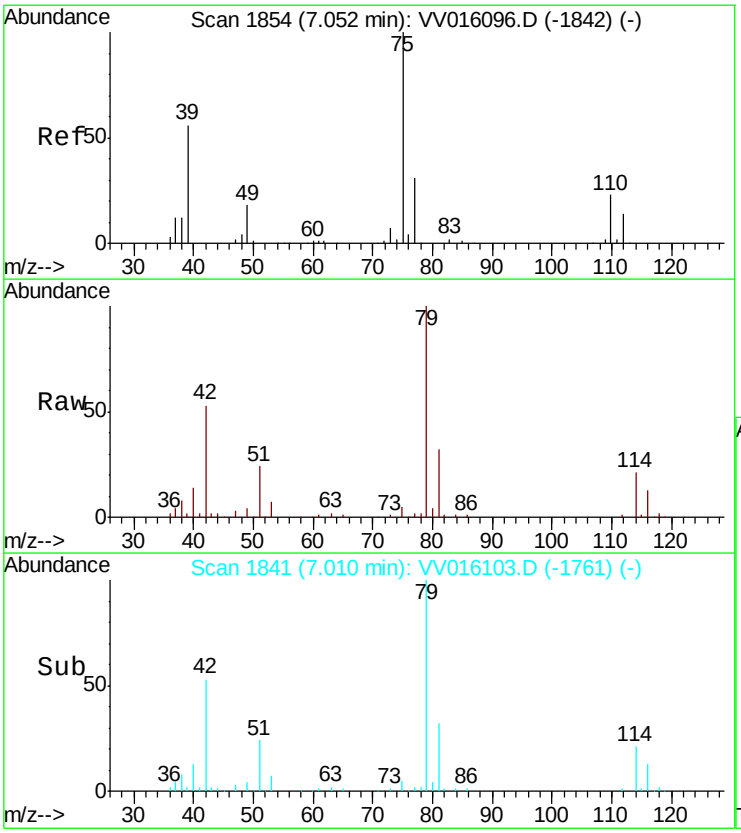

#25
Chloroform
Concen: 5.091 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VV016103.D
Acq: 18 May 2020 15:51

Tgt Ion: 83 Resp: 14281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.1 | 45.1 | 83.9 |



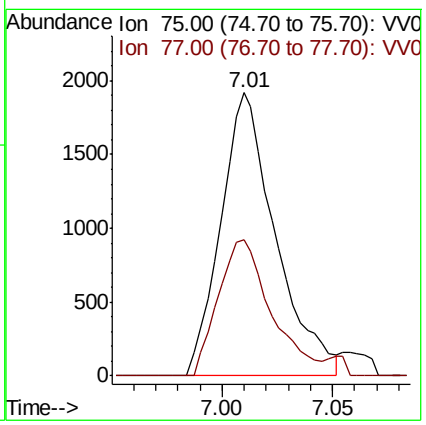

**Instrument :**
MSVOA_V
**ClientSampleId :**

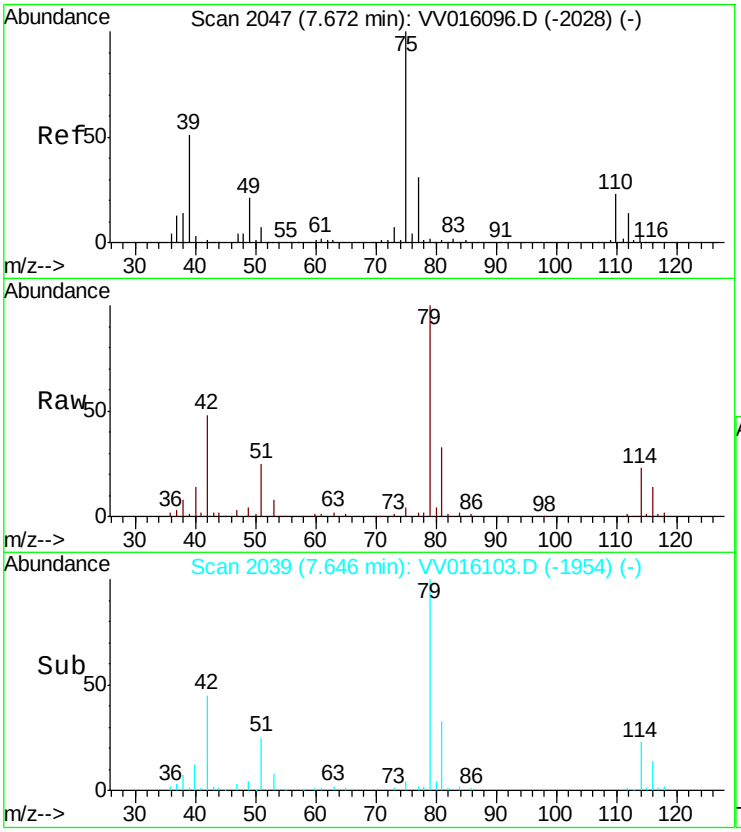



#39
cis-1,3-Dichloropropene
Concen: 1.437 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016103.D
Acq: 18 May 2020 15:51

Tgt Ion: 75 Resp: 3304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.2 | 22.3 | 41.3# |



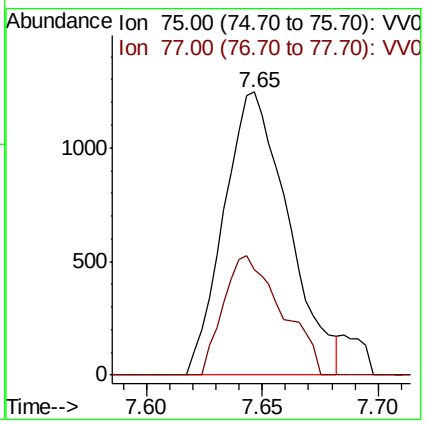


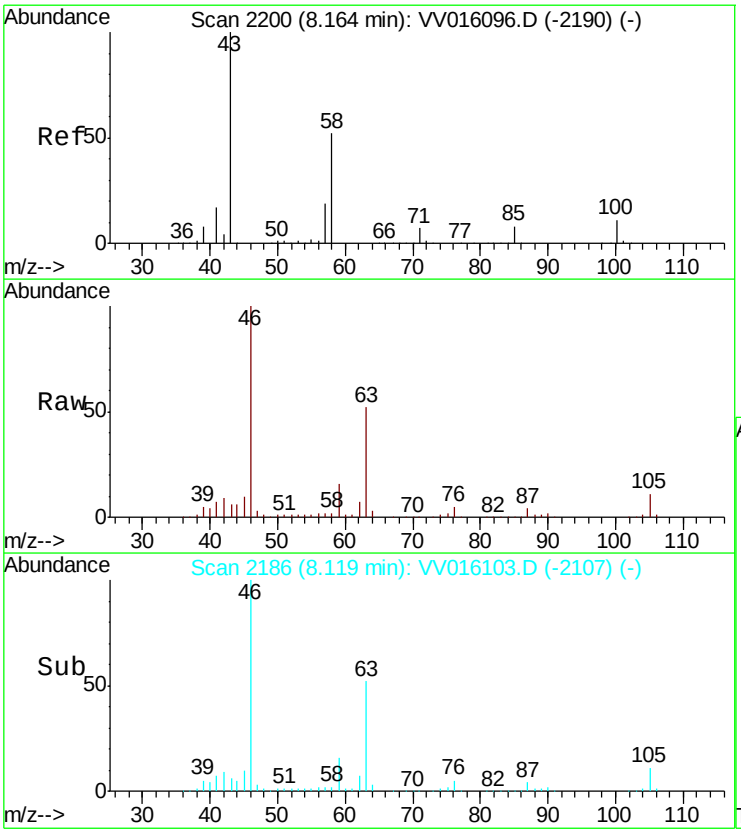

#44
trans-1,3-Dichloropropene
Concen: 1.044 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016103.D
Acq: 18 May 2020 15:51

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

Tgt Ion: 75 Resp: 2405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.3 | 21.3 | 39.6 |

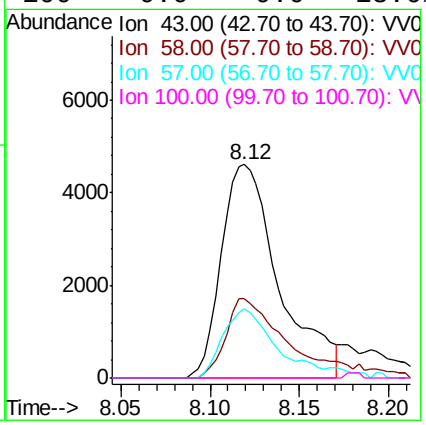


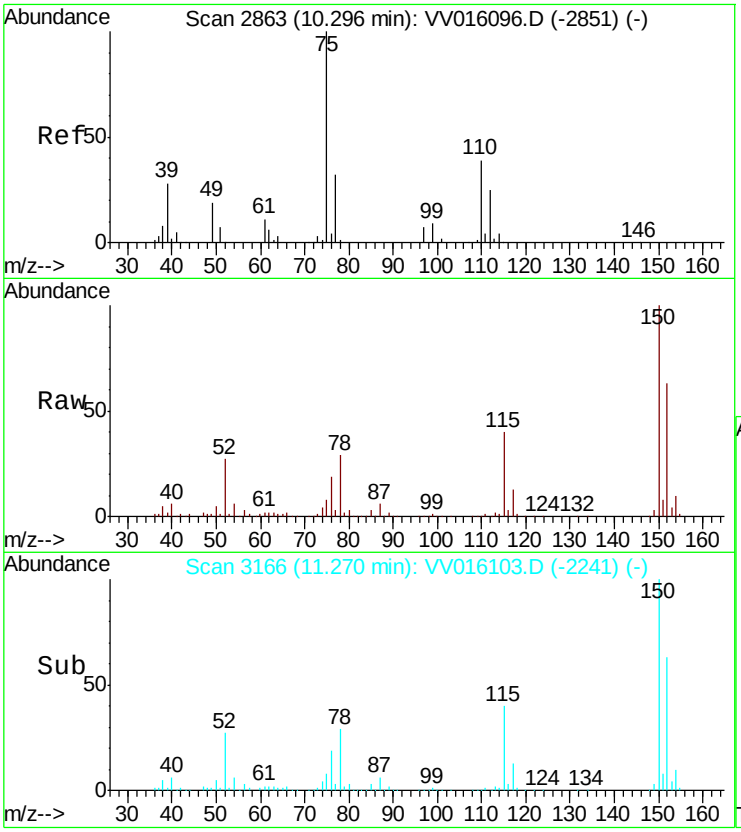




#48
2-Hexanone
Concen: 7.152 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016103.D
Acq: 18 May 2020 15:51

Tgt Ion: 43 Resp: 10381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.8 | 40.9 | 61.3# |
| 57 | 26.9 | 15.0 | 22.4# |
| 100 | 0.0 | 9.0 | 13.6# |






#59
1,2,3-Trichloropropane
Concen: 6.963 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV016103.D
Acq: 18 May 2020 15:51

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

Tgt Ion: 75 Resp: 12614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.2 | 25.5 | 38.3 |