Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120920\
Data File : VU041526.D
Acq On : 09 Dec 2020 20:01
Operator : SY/MD
Sample : L4995-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :**

Quant Time: Dec 10 04:48:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 10 04:45:04 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 45474 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 43969 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 21516 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 7828 | 3.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 67.00% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 8363 | 4.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 81.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 16813 | 2.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 59.40%# | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 37213 | 42.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 84.98% | | | |
| 24) Chloroform-d | 5.08 | 84 | 29858 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 20861 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.40% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 43415 | 4.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 11868 | 4.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 82.80% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 38470 | 4.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 80.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 7398 | 4.36 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 87.20% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 26752 | 37.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 75.76% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 11750 | 3.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 74.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 18614 | 5.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.97 | 64 | 100 | 0.050 | ug/L # | 45 |
| 12) 1,1-Dichloroethene | 2.59 | 96 | 750 | 0.282 | ug/L # | 1 |
| 13) Acetone | 2.66 | 43 | 501 | 0.735 | ug/L # | 50 |
| 15) Methyl Acetate | 2.96 | 43 | 172 | 0.138 | ug/L # | 51 |
| 22) cis-1,2-Dichloroethene | 4.68 | 96 | 275 | 0.092 | ug/L | 92 |
| 25) Chloroform | 5.11 | 83 | 444 | 0.070 | ug/L | 87 |
| 27) 1,2-Dichloroethane | 5.74 | 62 | 228 | 0.046 | ug/L # | 79 |
| 33) Benzene | 5.75 | 78 | 319 | 0.029 | ug/L | 100 |
| 34) Trichloroethene | 6.55 | 95 | 597 | 0.182 | ug/L # | 64 |
| 35) Methylcyclohexane | 6.70 | 83 | 3653 | 0.815 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 1896 | 0.743 | ug/L # | 84 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 483 | 0.105 | ug/L # | 81 |
| 44) trans-1,3-Dichloropropene | 8.19 | 75 | 322 | 0.070 | ug/L # | 34 |
| 48) 2-Hexanone | 8.64 | 43 | 4496 | 2.738 | ug/L # | 73 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 2240 | 0.905 | ug/L # | 79 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120920\
Data File : VU041526.D
Acq On : 09 Dec 2020 20:01
Operator : SY/MD
Sample : L4995-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**

Quant Time: Dec 10 04:48:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 10 04:45:04 2020
Response via : Initial Calibration

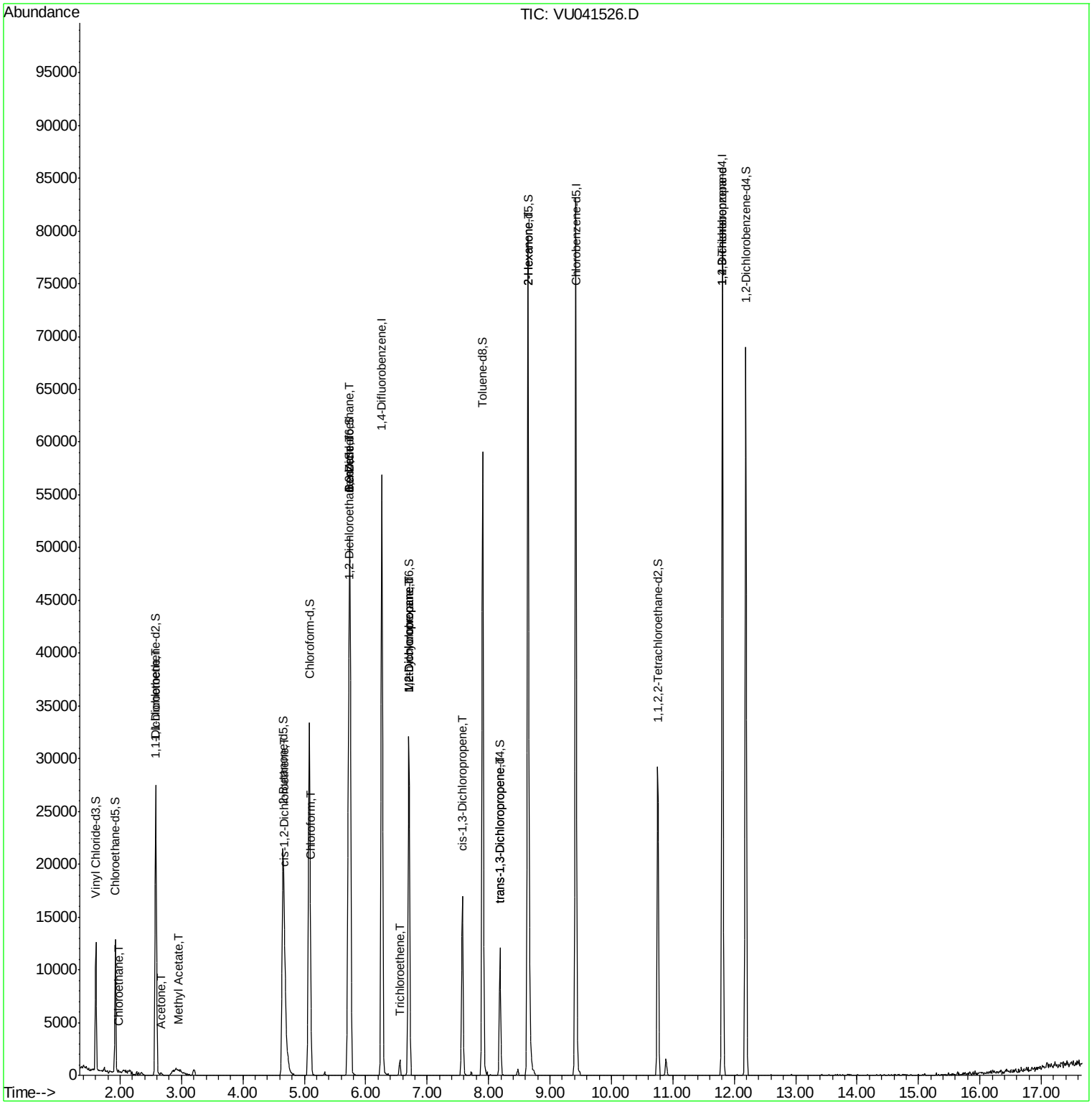
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

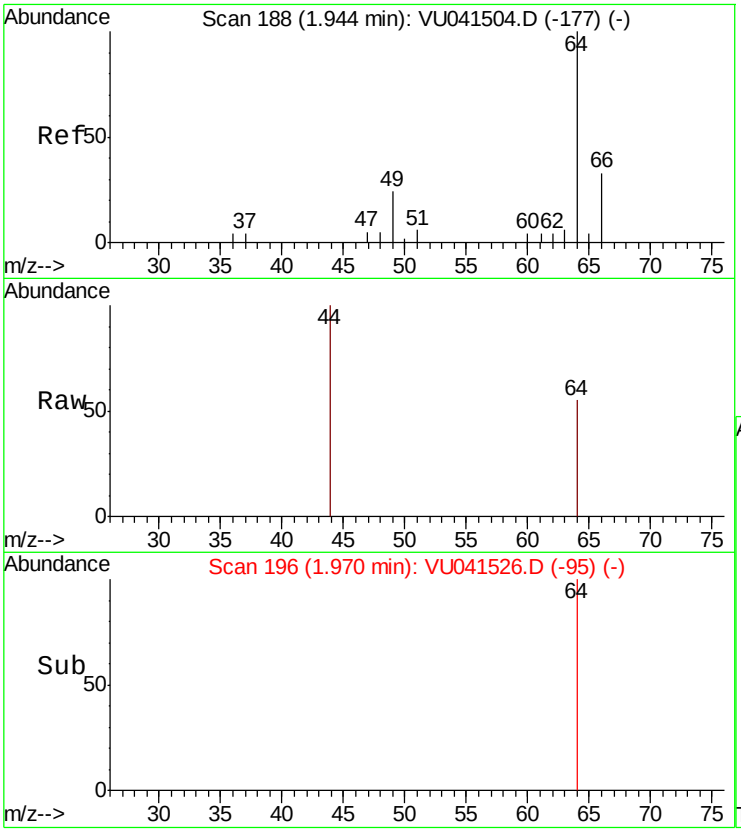
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120920\
Data File : VU041526.D
Acq On : 09 Dec 2020 20:01
Operator : SY/MD
Sample : L4995-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**

Quant Time: Dec 10 04:48:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 10 04:45:04 2020
Response via : Initial Calibration



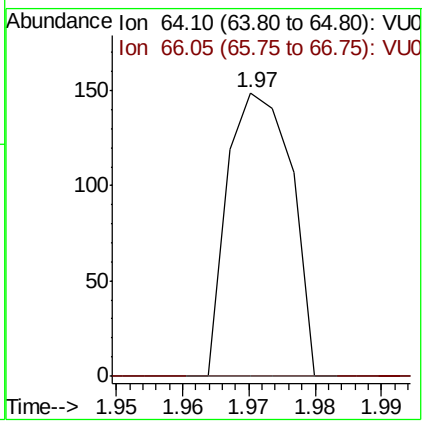


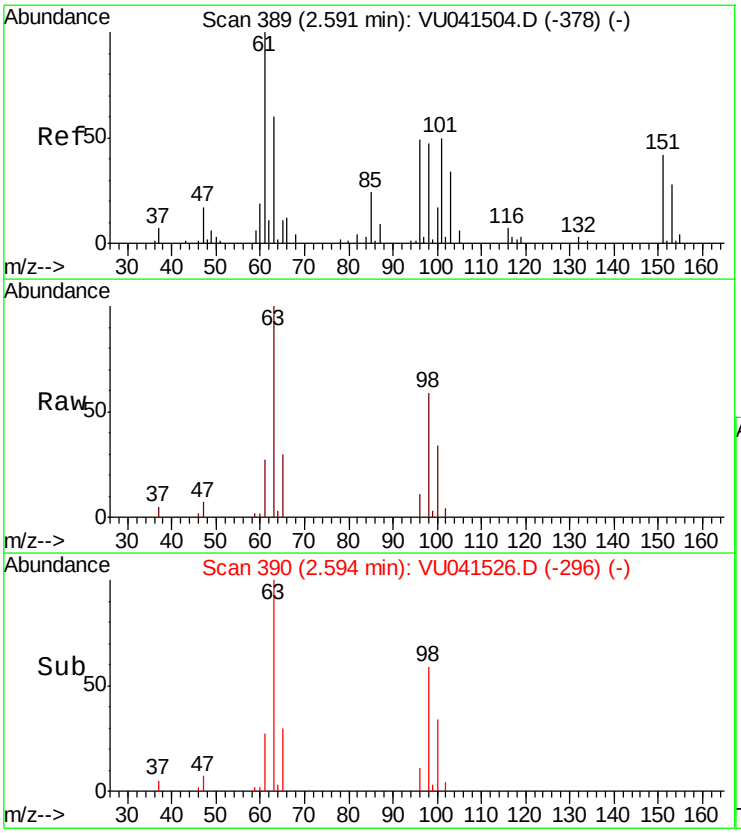

#8
Chloroethane
Concen: 0.050 ug/L
RT: 1.97 min Scan# 196
Delta R.T. 0.03 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 64 Resp: 100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 20.9 | 38.9# |

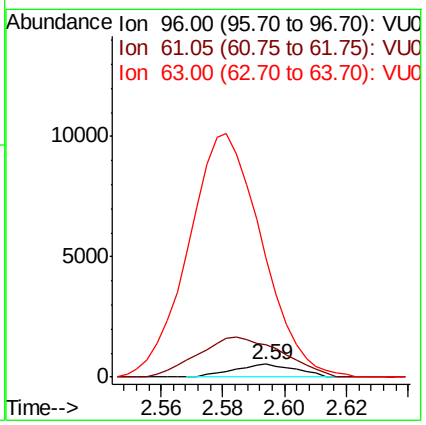


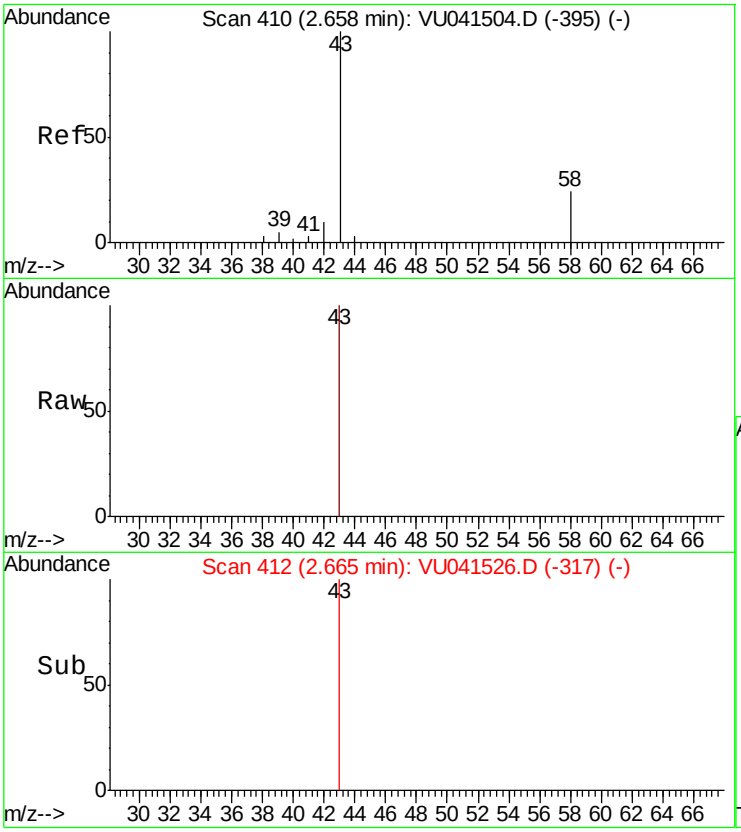




#12
1,1-Dichloroethene
Concen: 0.282 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

Tgt Ion: 96 Resp: 750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 251.6 | 127.8 | 237.4# |
| 63 | 941.8 | 86.2 | 160.0# |



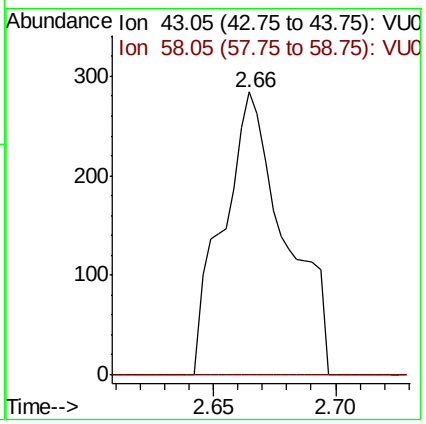


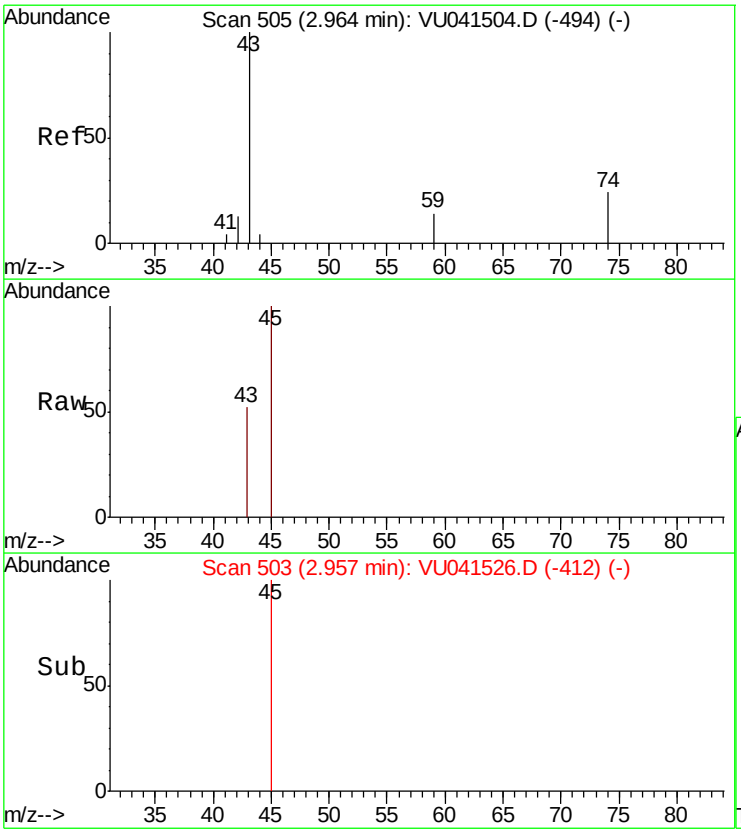

#13
Acetone
Concen: 0.735 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

**Instrument :** MSVOA_U
**ClientSampleId :**

Tgt Ion: 43 Resp: 501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 0.0 | 50.0 |

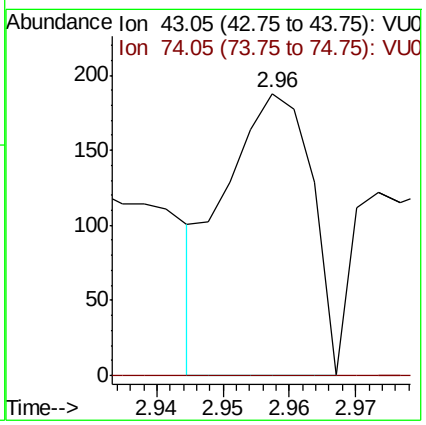


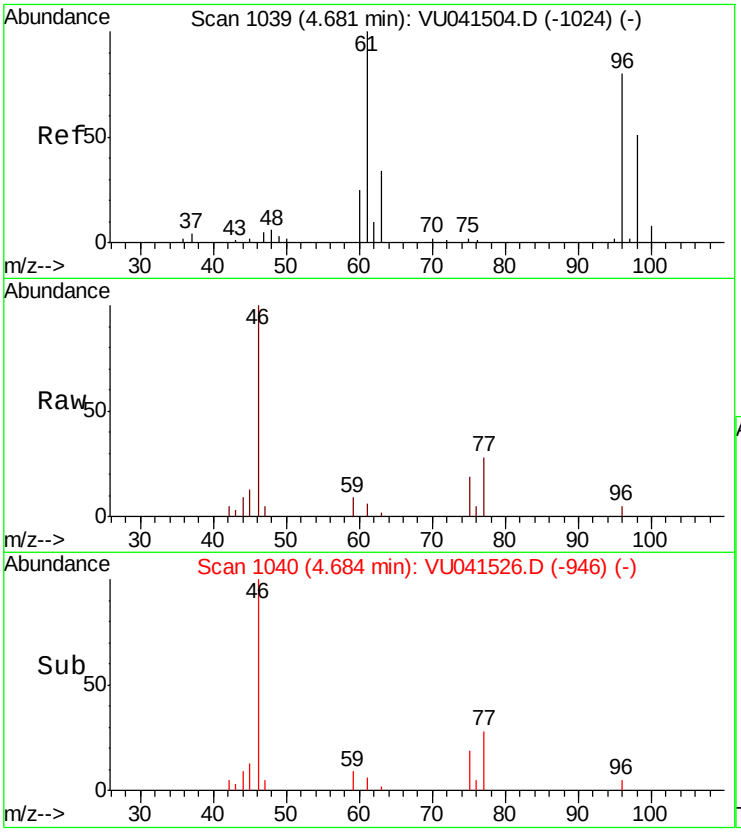




#15
Methyl Acetate
Concen: 0.138 ug/L
RT: 2.96 min Scan# 503
Delta R.T. -0.01 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

Tgt Ion: 43 Resp: 172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 19.7 | 29.5# |



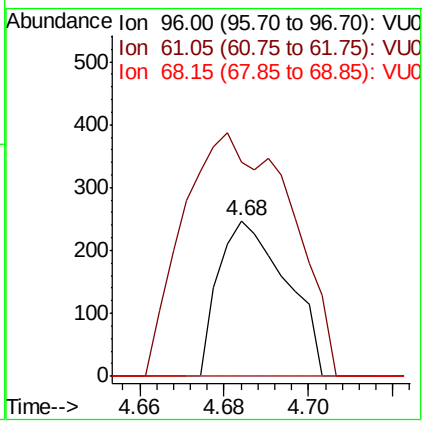


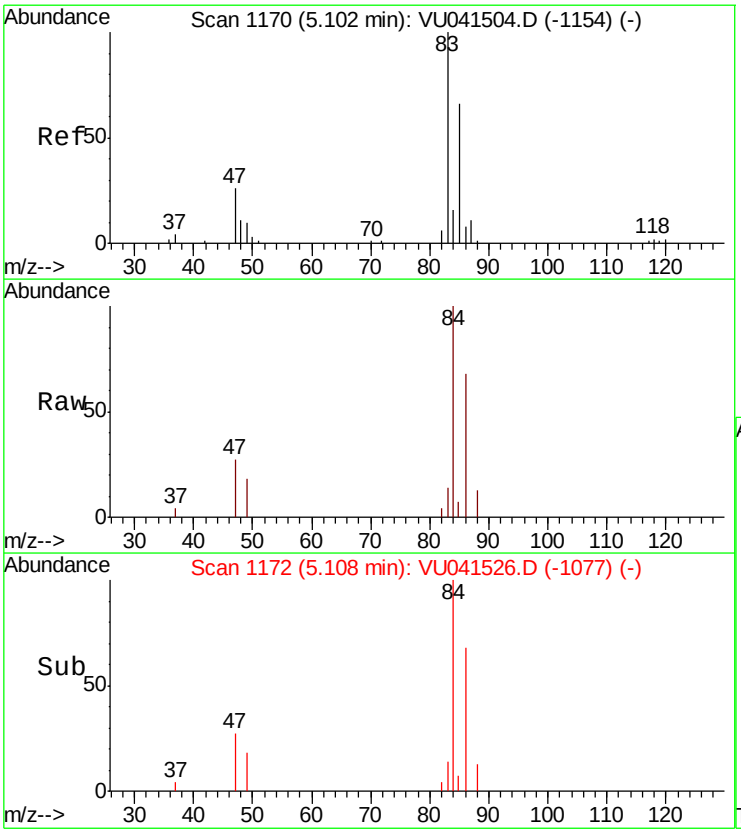

#22
cis-1,2-Dichloroethene
Concen: 0.092 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

**Instrument :** MSVOA_U
**ClientSampleId :**

Tgt Ion: 96 Resp: 275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 138.1 | 90.5 | 168.1 |
| 68 | 0.0 | 0.0 | 0.0 |

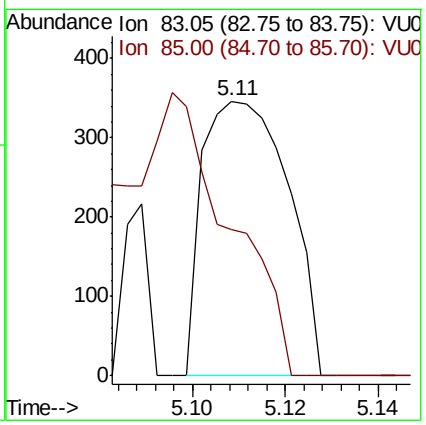


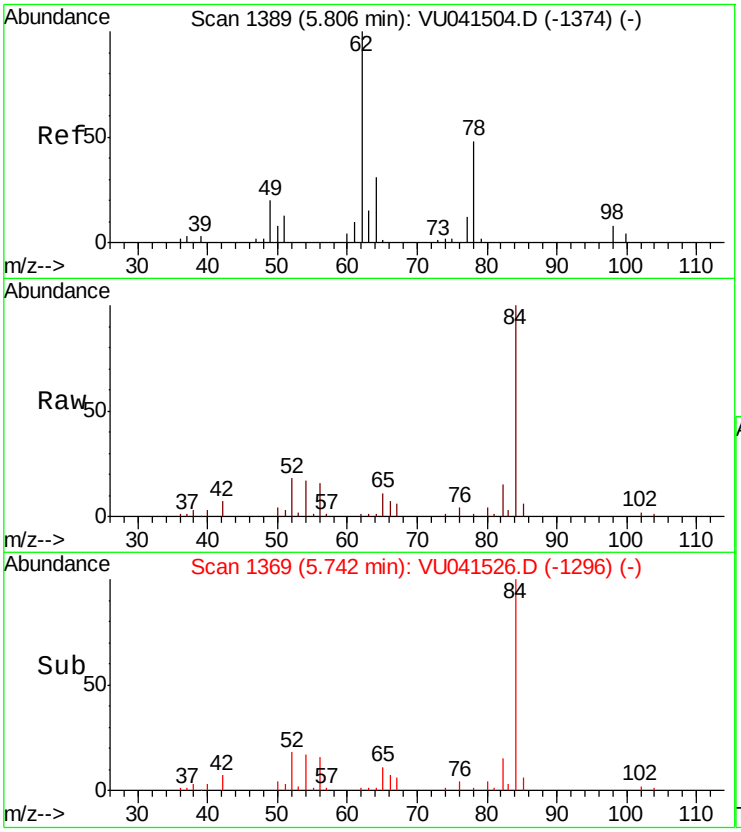




#25
Chloroform
Concen: 0.070 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

Tgt Ion: 83 Resp: 444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 53.5 | 44.7 | 82.9 |



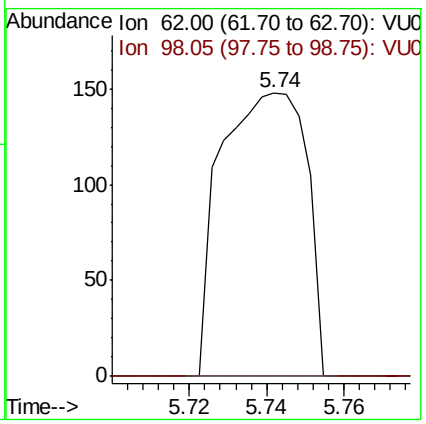


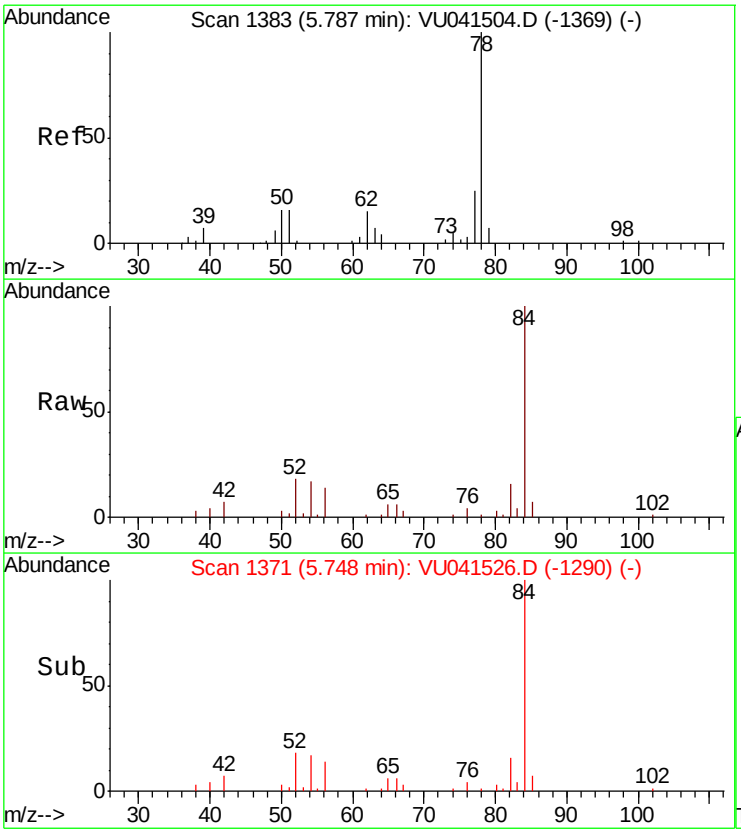

#27
1,2-Dichloroethane
Concen: 0.046 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 62 Resp: 228

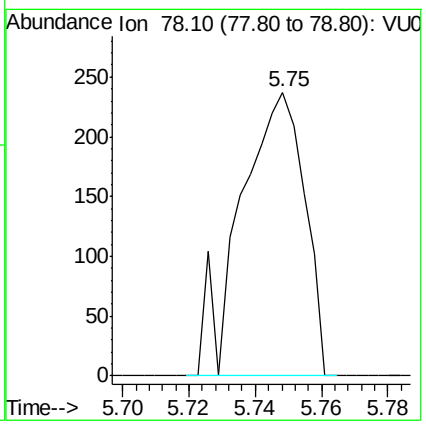
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 5.7 | 8.5# |

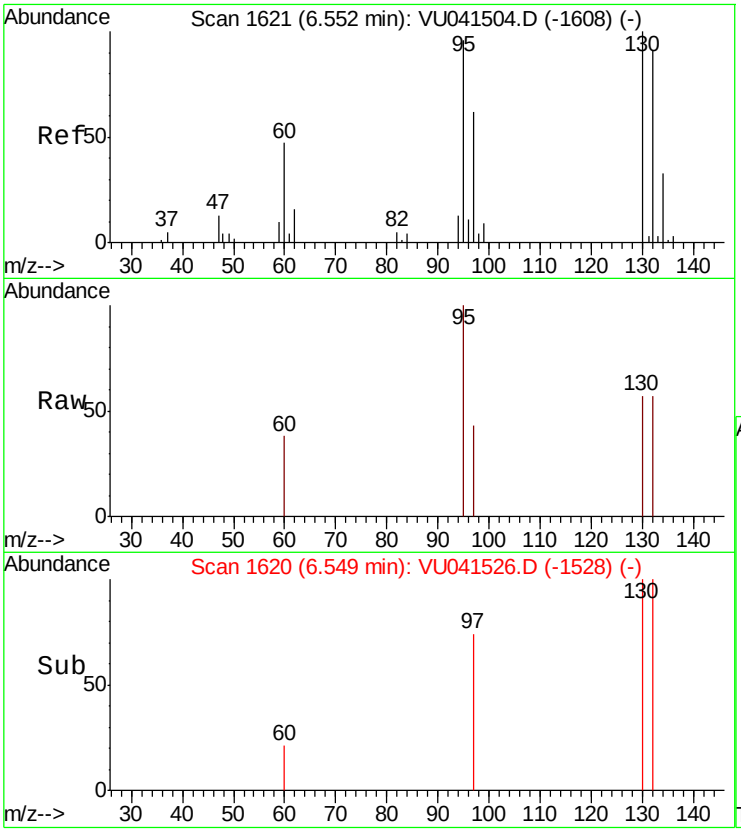



#33
Benzene
Concen: 0.029 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

Tgt Ion: 78 Resp: 319



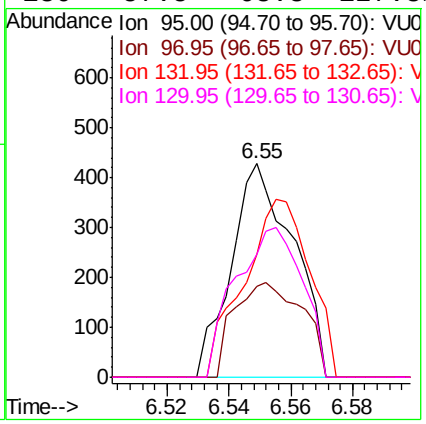


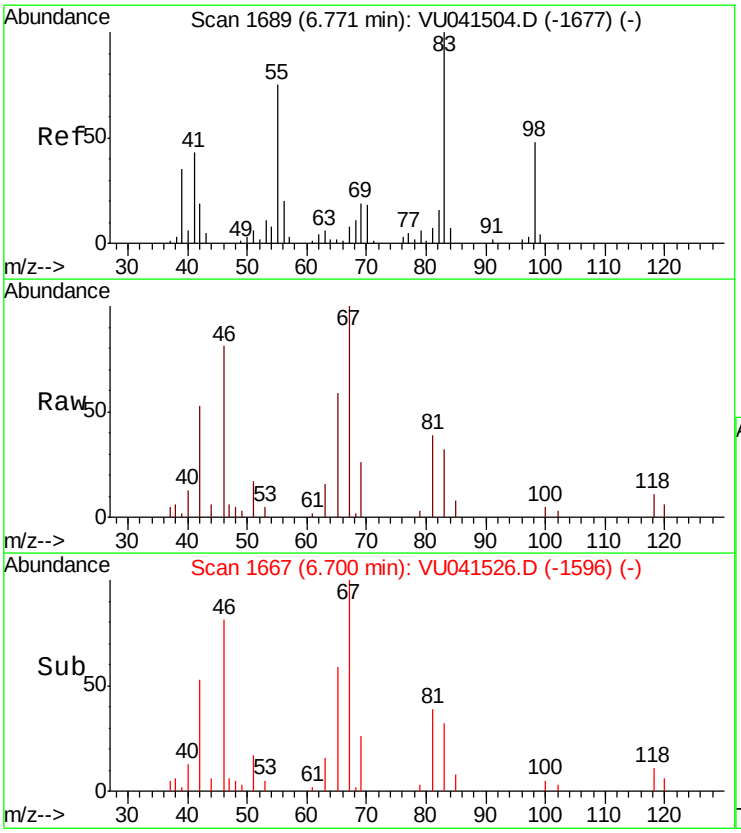

#34
Trichloroethene
Concen: 0.182 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 95 Resp: 597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 42.5 | 44.7 | 83.1# |
| 132 | 57.5 | 65.7 | 121.9# |
| 130 | 57.5 | 68.8 | 127.8# |

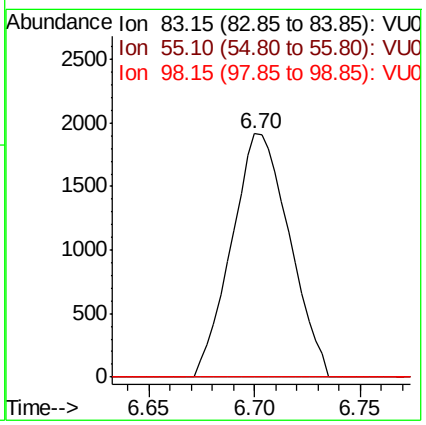


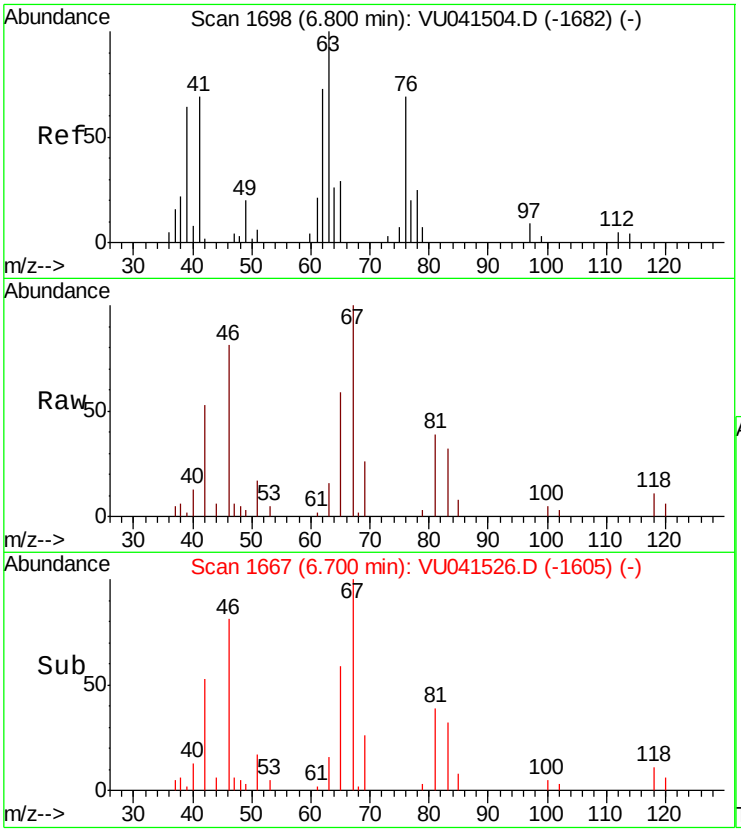




#35
Methylcyclohexane
Concen: 0.815 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

Tgt Ion: 83 Resp: 3653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 62.1 | 93.1# |
| 98 | 0.0 | 38.7 | 58.1# |



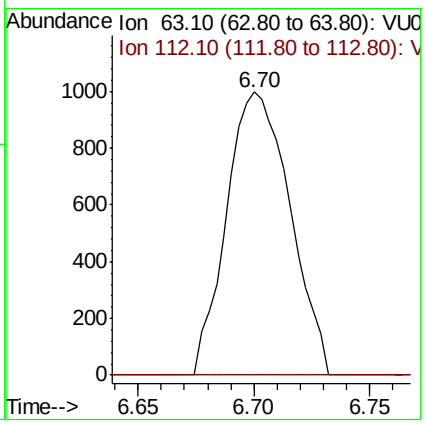


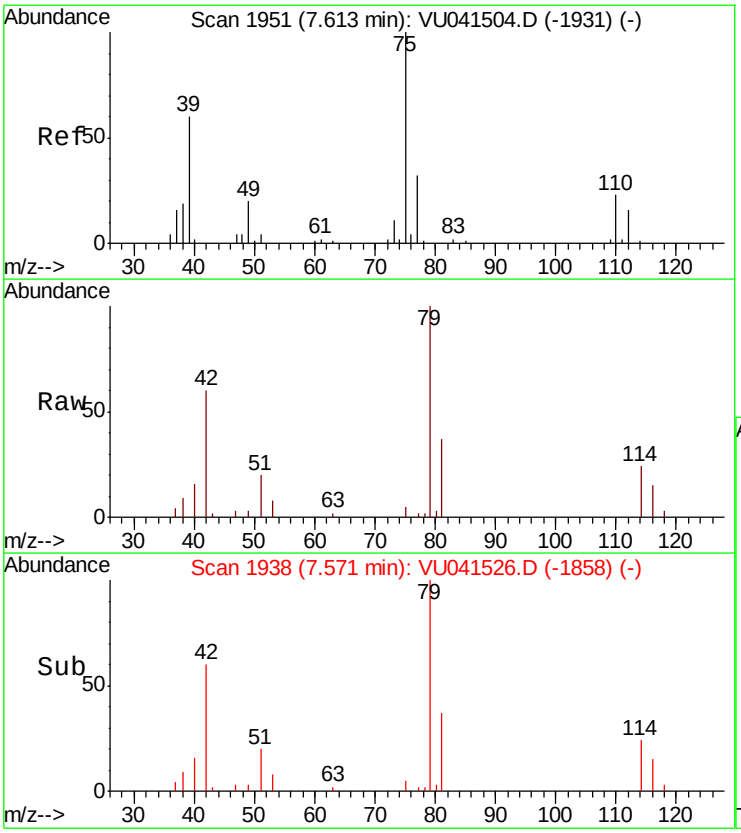

#37
1,2-Dichloropropane
Concen: 0.743 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 63 Resp: 1896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 4.2 | 6.2# |

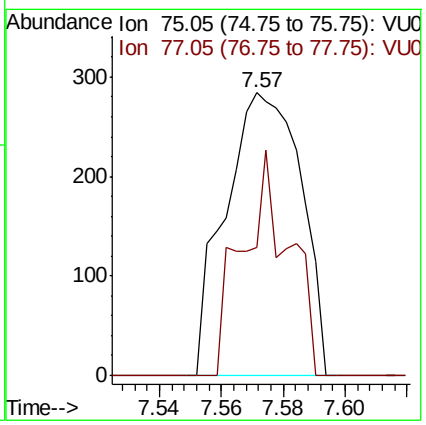


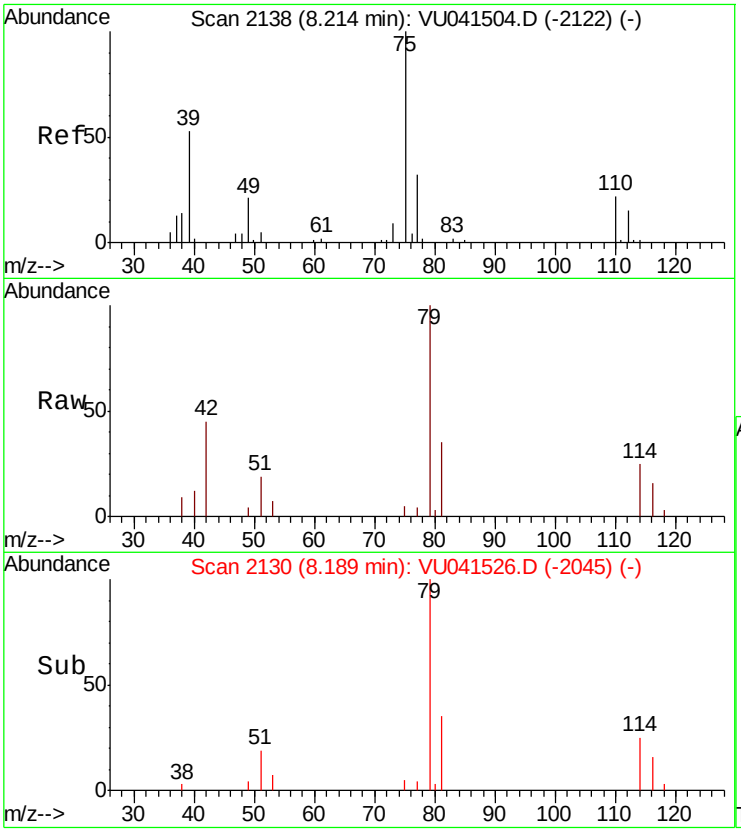




#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

Tgt Ion: 75 Resp: 483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.4 | 24.0 | 44.6# |



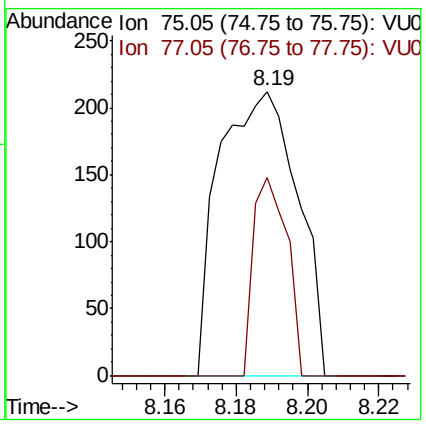


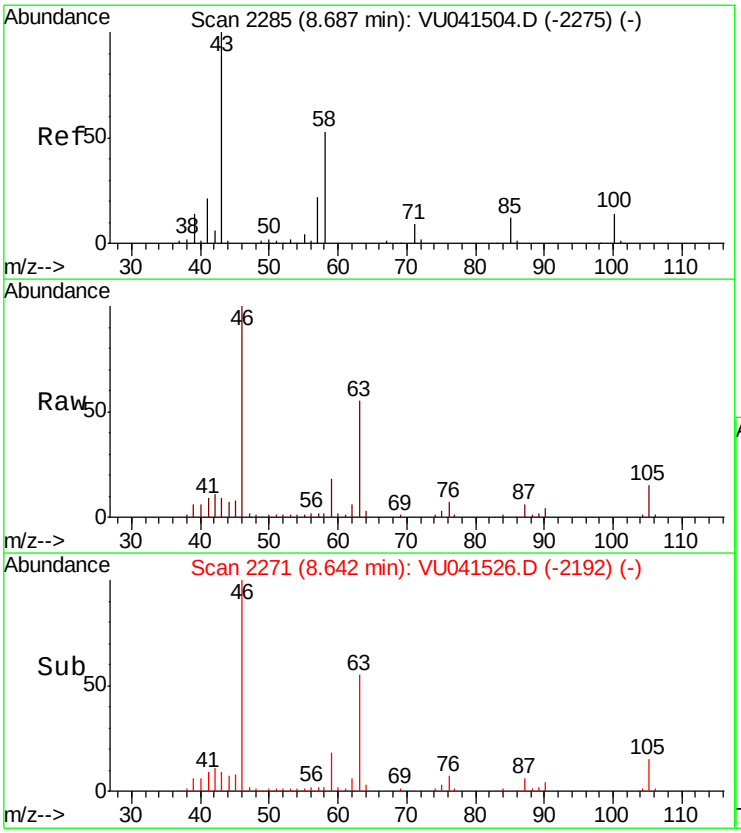

#44
trans-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 75 Resp: 322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 69.8 | 22.7 | 42.3# |

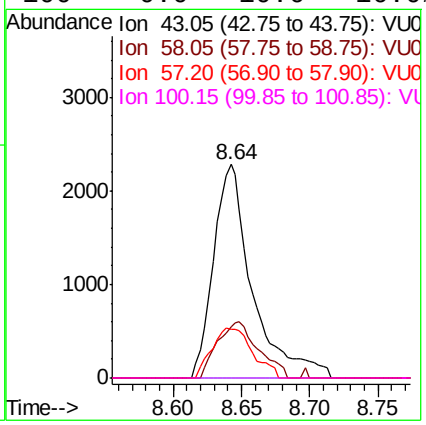


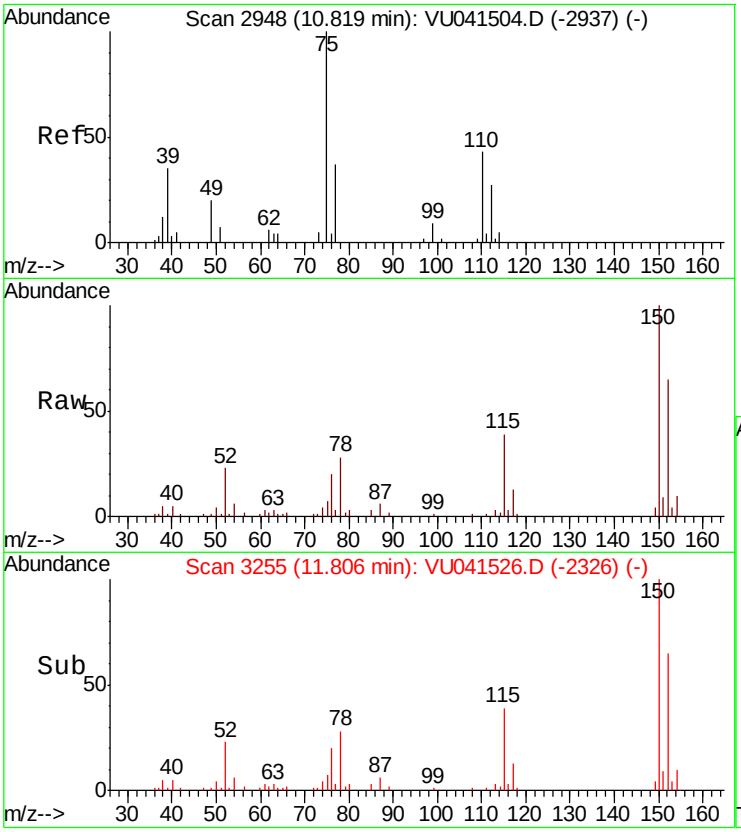




#48
2-Hexanone
Concen: 2.738 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.04 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

Tgt Ion: 43 Resp: 4496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.7 | 41.4 | 62.0# |
| 57 | 24.4 | 17.1 | 25.7 |
| 100 | 0.0 | 10.6 | 16.0# |






#59
1,2,3-Trichloropropane
Concen: 0.905 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041526.D
Acq: 09 Dec 2020 20:01

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 75 Resp: 2240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.0 | 26.3 | 39.5# |