Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041296.D
Acq On : 17 Nov 2020 23:26
Operator : SY/MD
Sample : L4740-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Quant Time: Nov 18 00:08:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 66398 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 68984 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 27208 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 24425 | 5.00 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 100.00% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 21175 | 5.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 101.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 40733 | 4.04 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 80.80% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 99923 | 49.62 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 99.24% | | | |
| 24) Chloroform-d | 5.08 | 84 | 53847 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 33831 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.20% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 94802 | 5.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 102.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 32637 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.80% | | | |
| 41) Toluene-d8 | 7.90 | 98 | 76507 | 4.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.40% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 12548 | 4.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 91.00% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 69036 | 46.86 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 93.72% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 28775 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 92.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 29022 | 5.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 109.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.53 | 50 | 374 | 0.063 | ug/L # | 43 |
| 5) Vinyl chloride | 1.61 | 62 | 201 | 0.035 | ug/L # | 1 |
| 8) Chloroethane | 1.94 | 64 | 182 | 0.048 | ug/L # | 43 |
| 12) 1,1-Dichloroethene | 2.58 | 96 | 235 | 0.054 | ug/L # | 1 |
| 16) Methylene chloride | 3.07 | 84 | 1015 | 0.187 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 4.68 | 96 | 379 | 0.080 | ug/L | 96 |
| 25) Chloroform | 5.10 | 83 | 709 | 0.069 | ug/L | 79 |
| 27) 1,2-Dichloroethane | 5.74 | 62 | 708 | 0.096 | ug/L # | 74 |
| 33) Benzene | 5.74 | 78 | 724 | 0.039 | ug/L | 100 |
| 35) Methylcyclohexane | 6.70 | 83 | 7753 | 1.155 | ug/L # | 14 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 3933 | 0.720 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 789 | 0.104 | ug/L # | 61 |
| 44) trans-1,3-Dichloropropene | 8.19 | 75 | 573 | 0.079 | ug/L # | 82 |
| 48) 2-Hexanone | 8.64 | 43 | 11032 | 3.268 | ug/L # | 70 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 3391 | 0.787 | ug/L | 91 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041296.D
Acq On : 17 Nov 2020 23:26
Operator : SY/MD
Sample : L4740-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Quant Time: Nov 18 00:08:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration

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

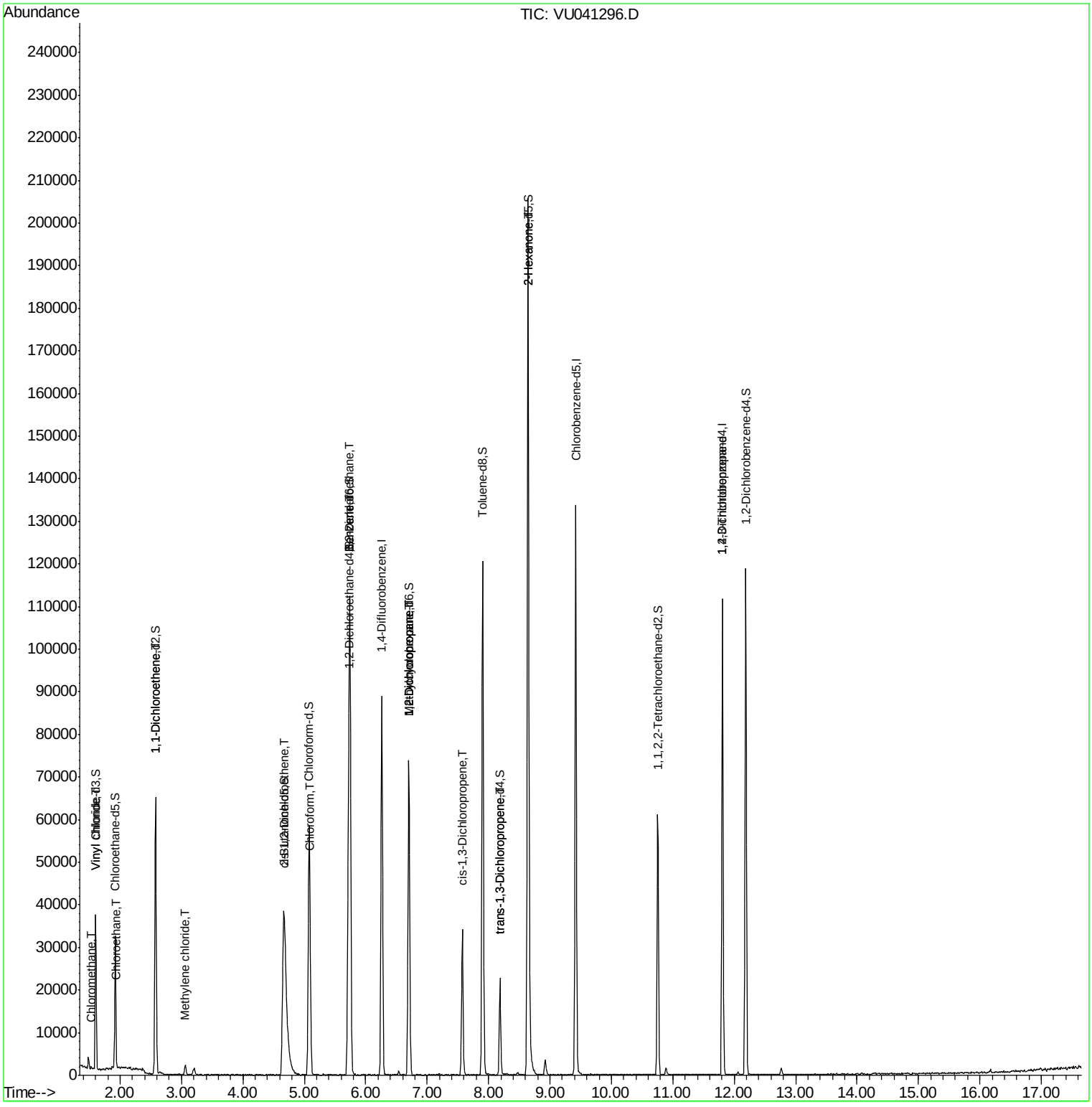
(#) = qualifier out of range (m) = manual integration (+) = signals summed

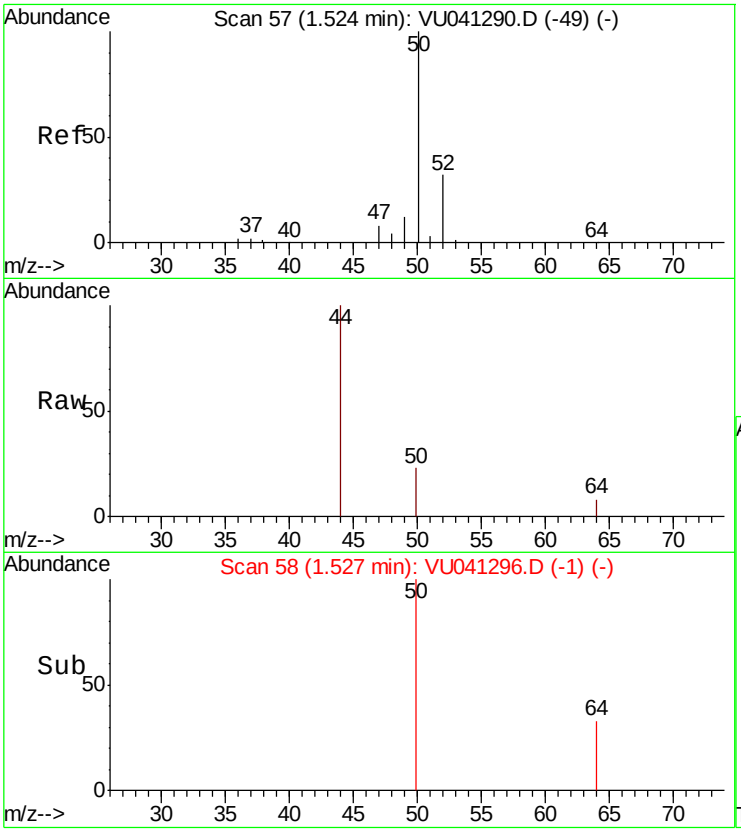
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
Data File : VU041296.D
Acq On : 17 Nov 2020 23:26
Operator : SY/MD
Sample : L4740-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Quant Time: Nov 18 00:08:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration



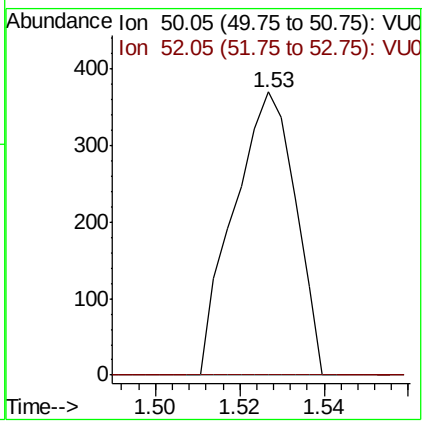


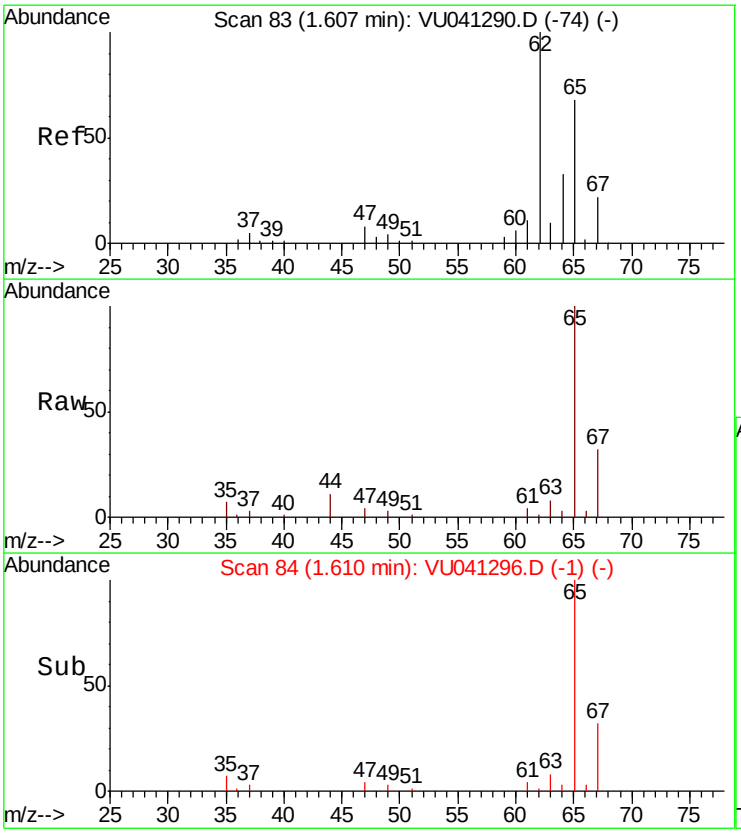

#3
Chloromethane
Concen: 0.063 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 50 Resp: 374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 0.0 | 22.4 | 41.6# |

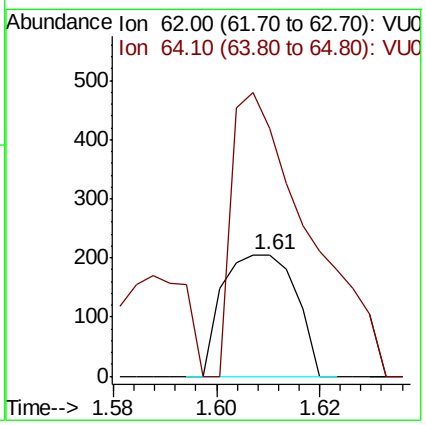


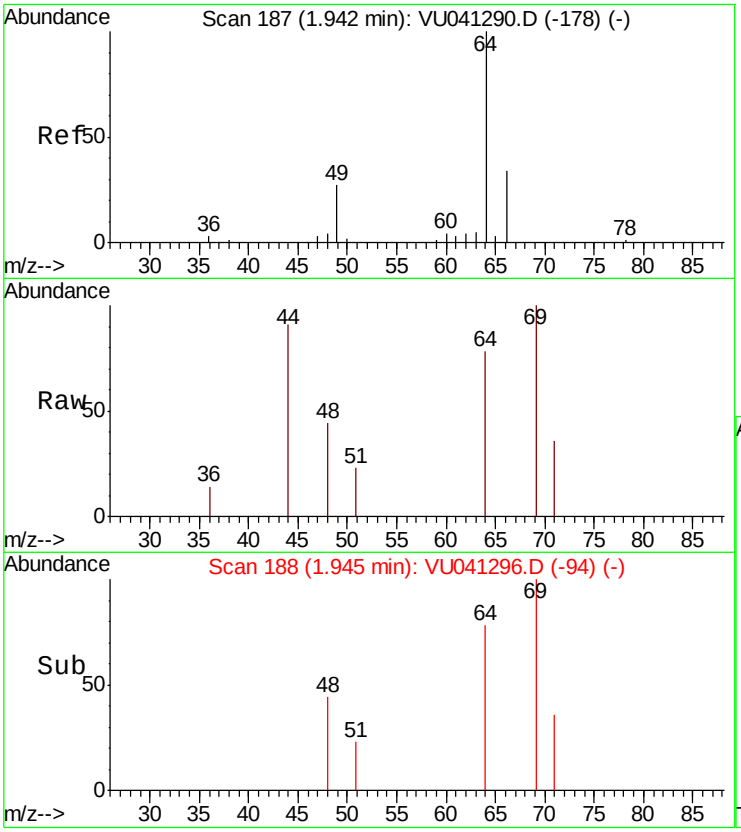




#5
Vinyl chloride
Concen: 0.035 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

Tgt Ion: 62 Resp: 201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 204.9 | 22.7 | 42.3# |



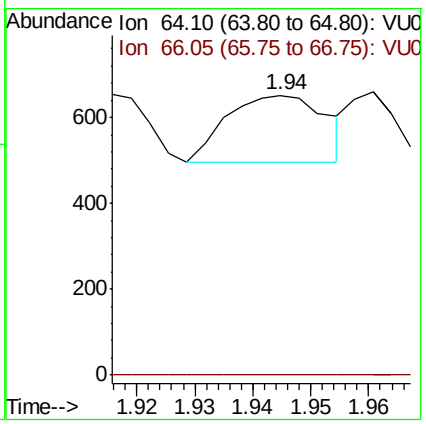


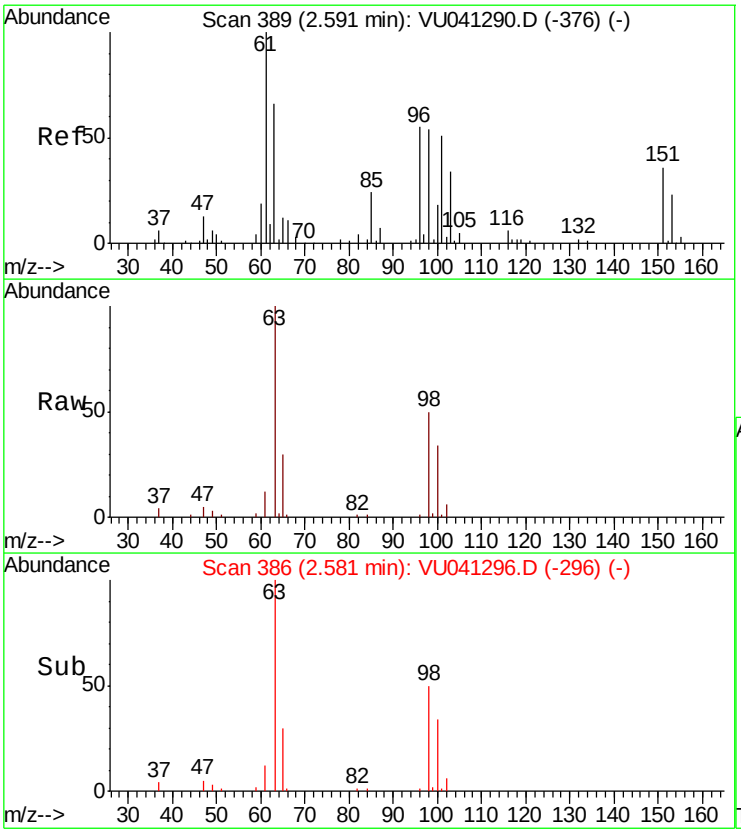

#8
Chloroethane
Concen: 0.048 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 64 Resp: 182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 22.3 | 41.5# |

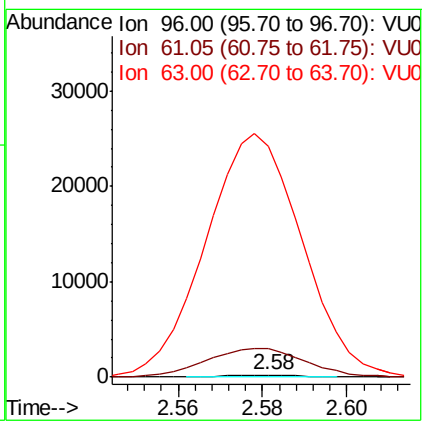


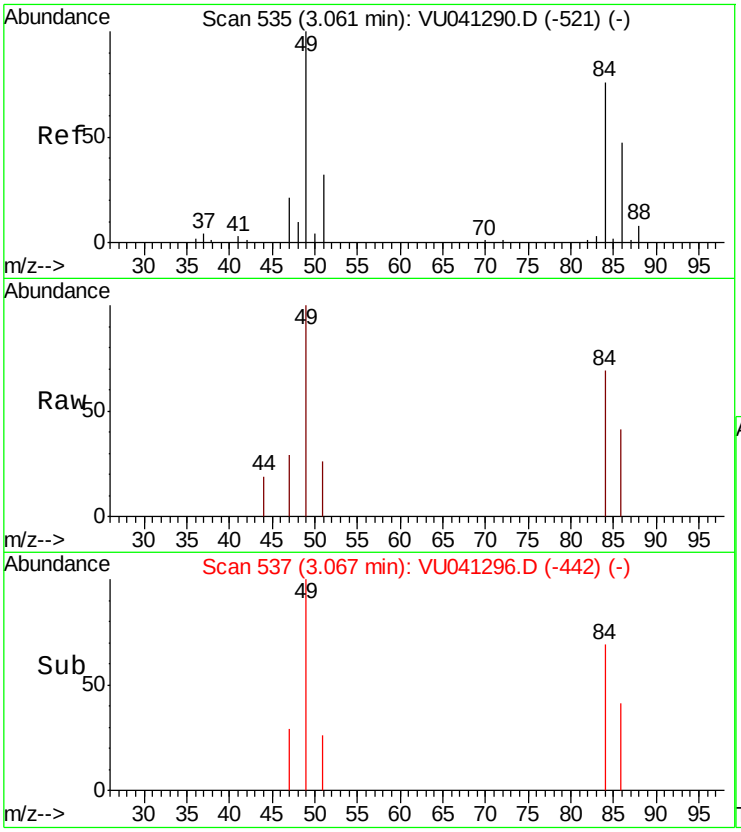




#12
1,1-Dichloroethene
Concen: 0.054 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

Tgt Ion: 96 Resp: 235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1485.5 | 134.3 | 249.5# |
| 63 | 12092.0 | 95.0 | 176.4# |



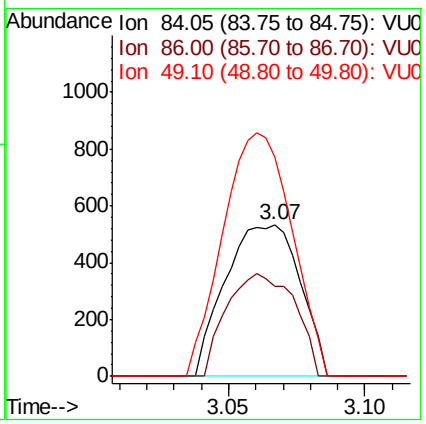


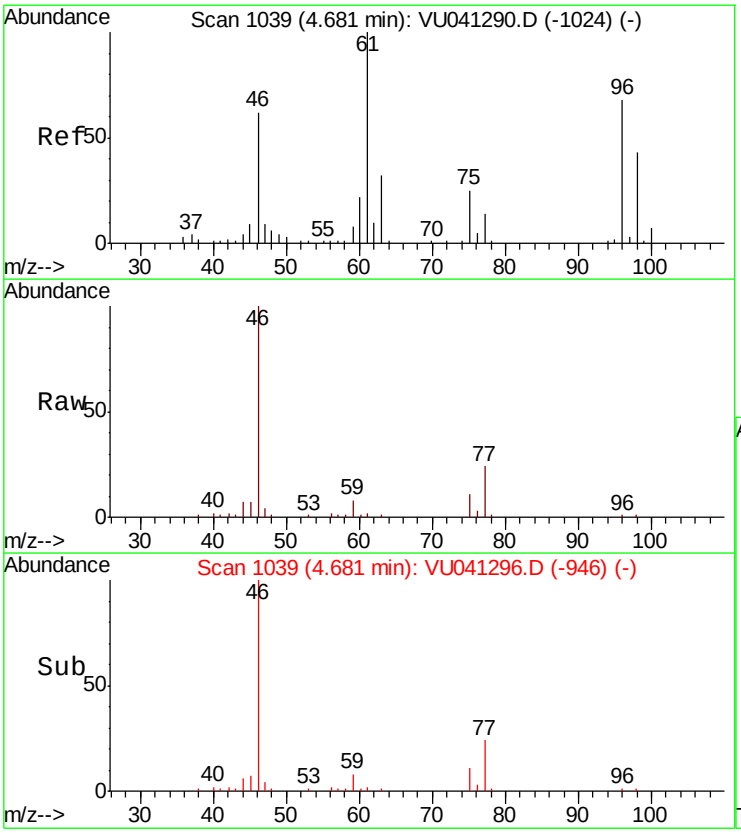

#16
Methylene chloride
Concen: 0.187 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Tgt Ion: 84 Resp: 1015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 59.7 | 42.8 | 79.6 |
| 49 | 144.7 | 99.5 | 184.7 |

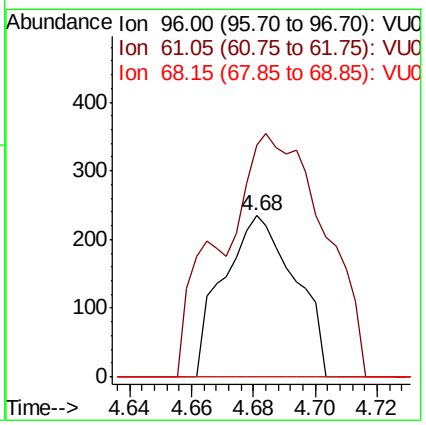


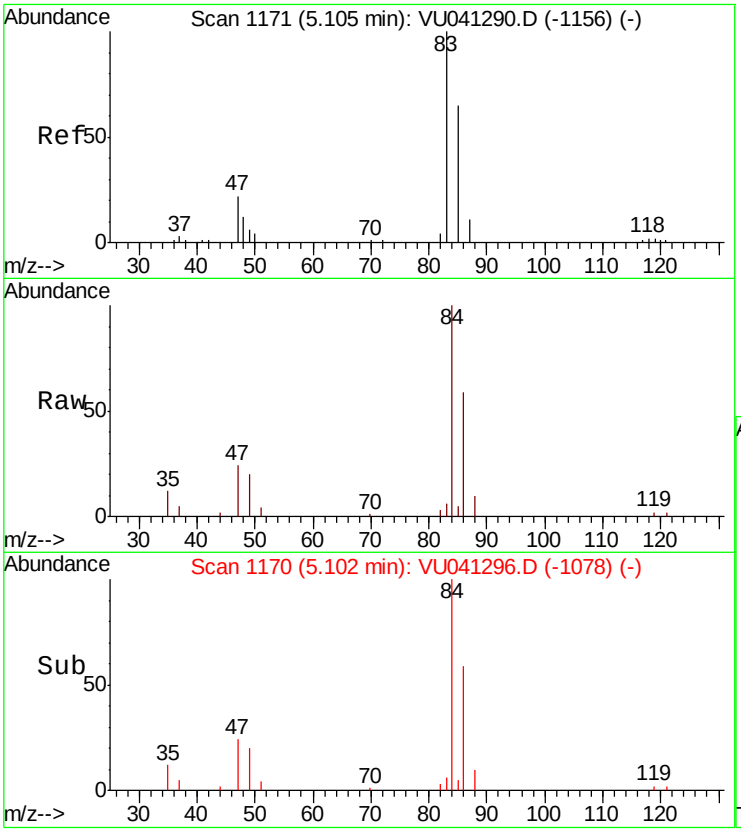




#22
cis-1,2-Dichloroethene
Concen: 0.080 ug/L
RT: 4.68 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

Tgt Ion: 96 Resp: 379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 143.8 | 97.2 | 180.4 |
| 68 | 0.0 | 0.0 | 0.0 |



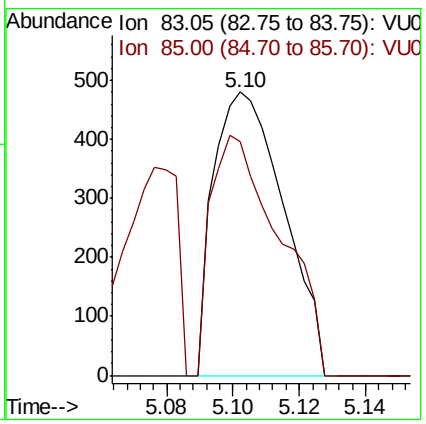


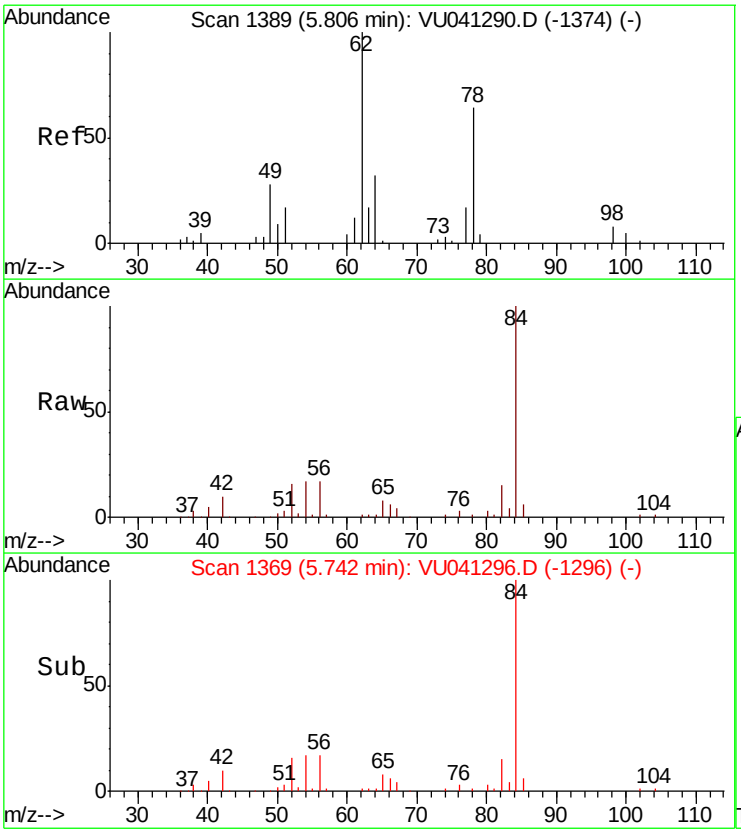

#25
Chloroform
Concen: 0.069 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 83 Resp: 709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 82.3 | 46.1 | 85.7 |

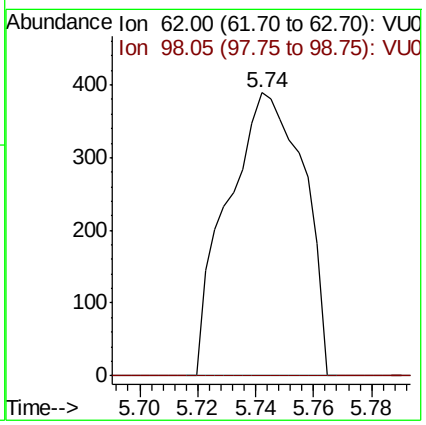


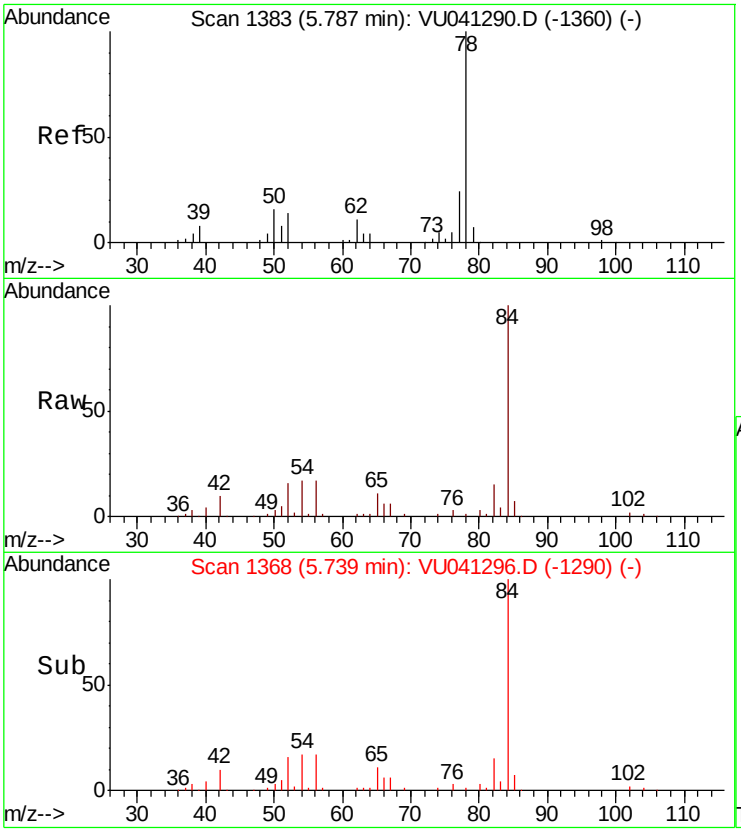




#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

Tgt Ion: 62 Resp: 708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 7.6 | 11.4# |

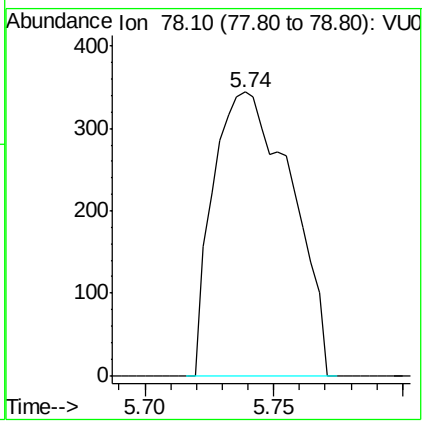


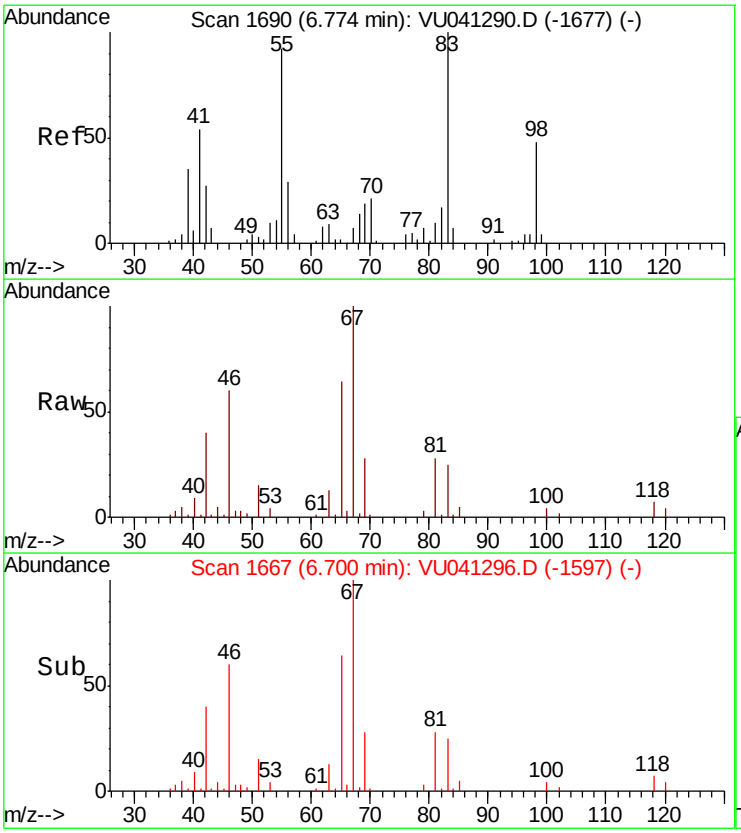



#33
Benzene
Concen: 0.039 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 78 Resp: 724

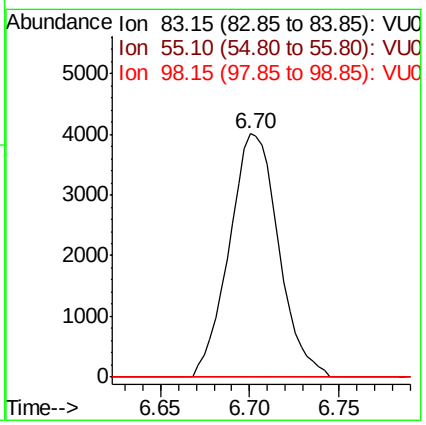


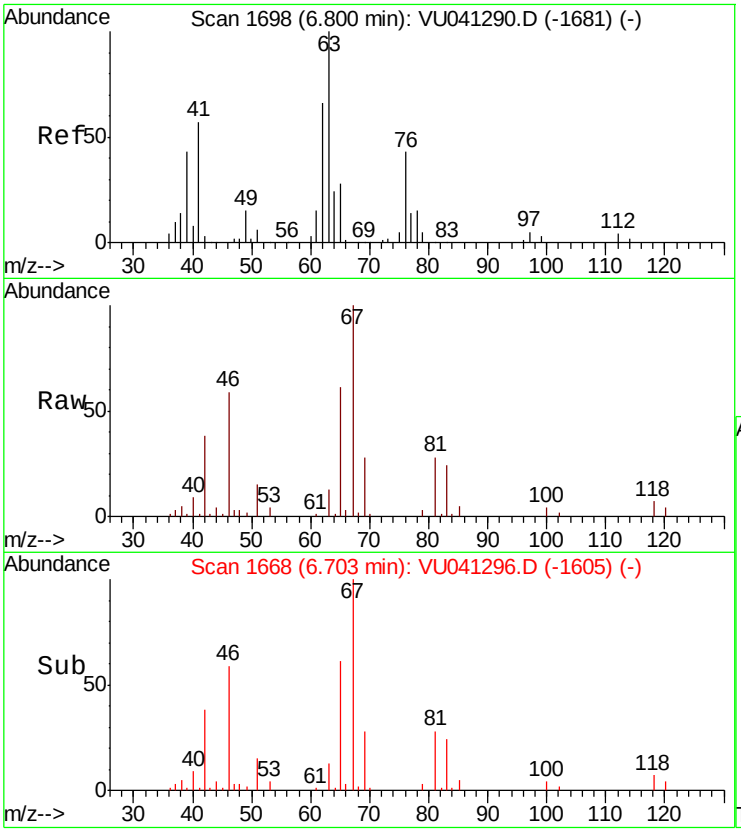




#35
Methylcyclohexane
Concen: 1.155 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

Tgt Ion: 83 Resp: 7753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 72.0 | 108.0# |
| 98 | 2.3 | 36.6 | 55.0# |



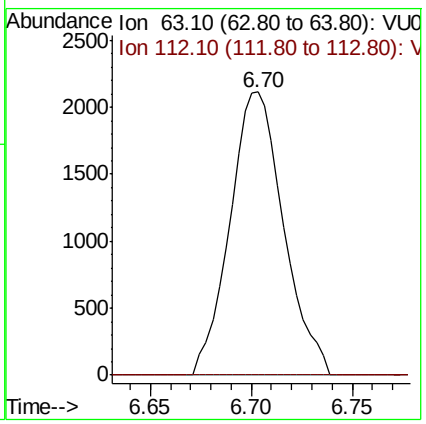


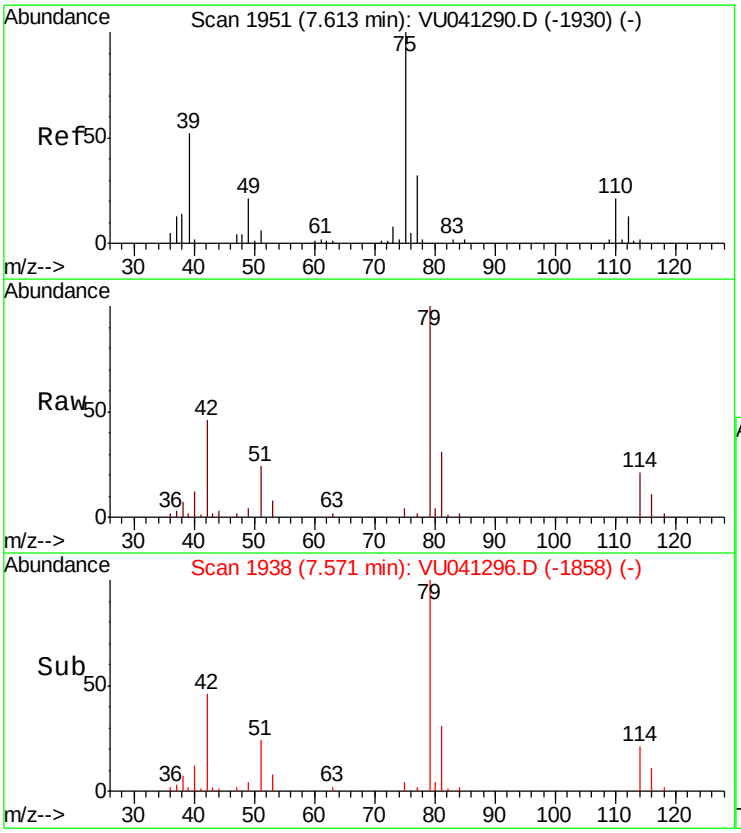

#37
1,2-Dichloropropane
Concen: 0.720 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 63 Resp: 3933

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

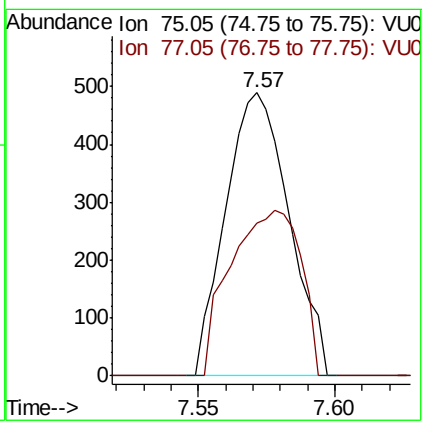


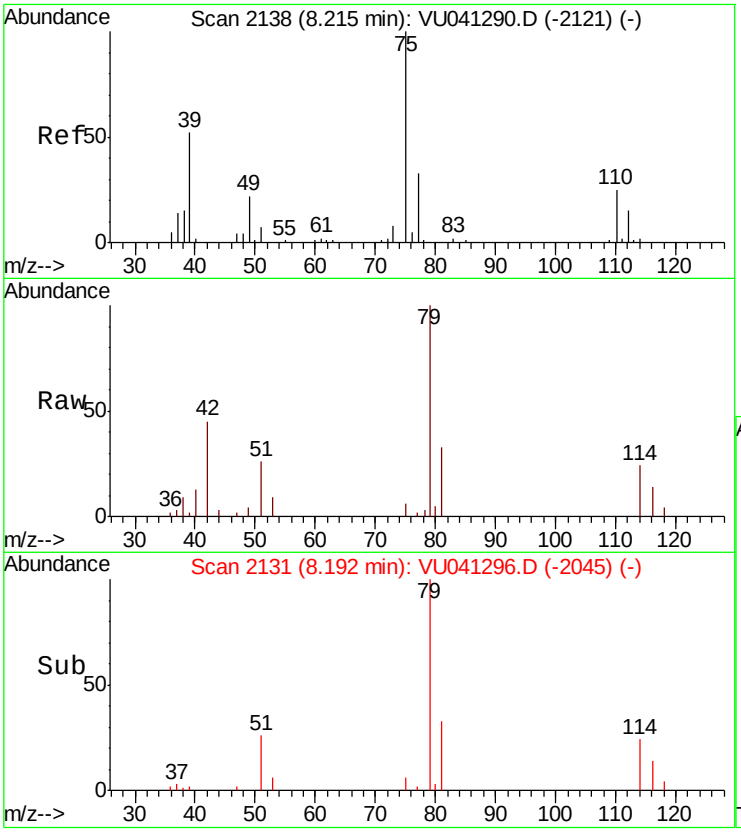




#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

Tgt Ion: 75 Resp: 789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 54.2 | 22.7 | 42.3# |



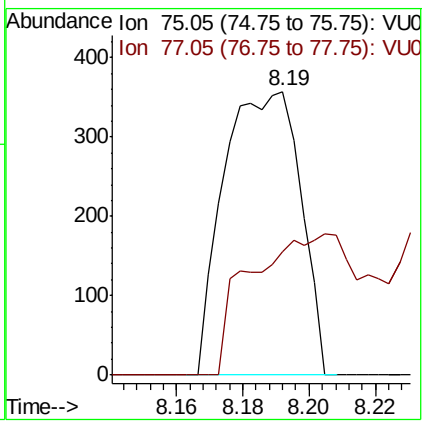


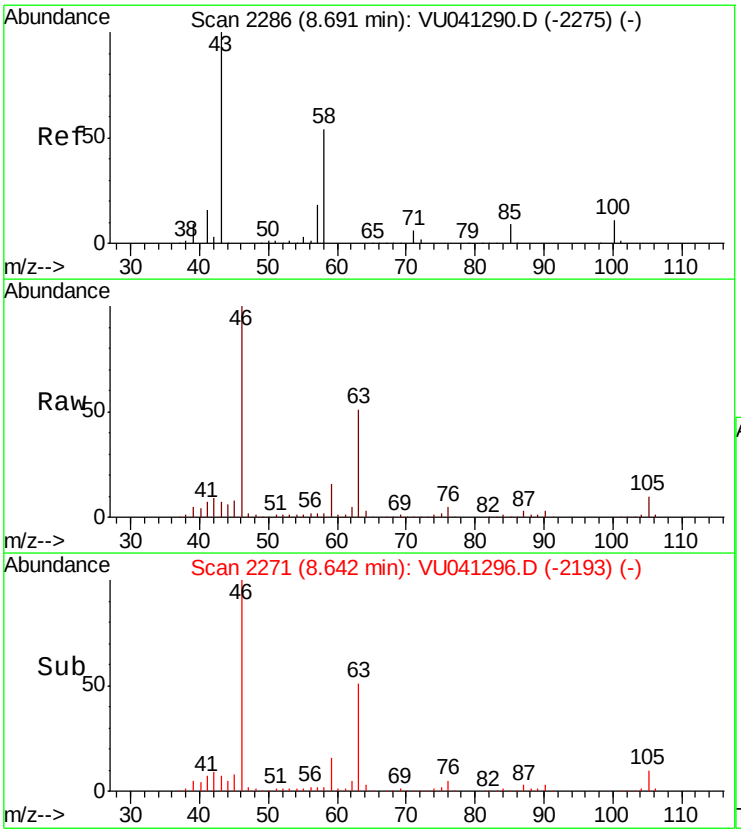

#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 75 Resp: 573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 43.7 | 23.3 | 43.3# |

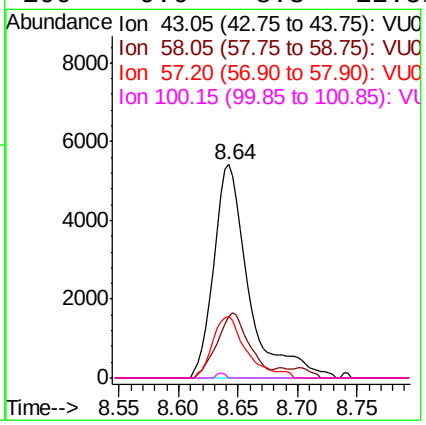


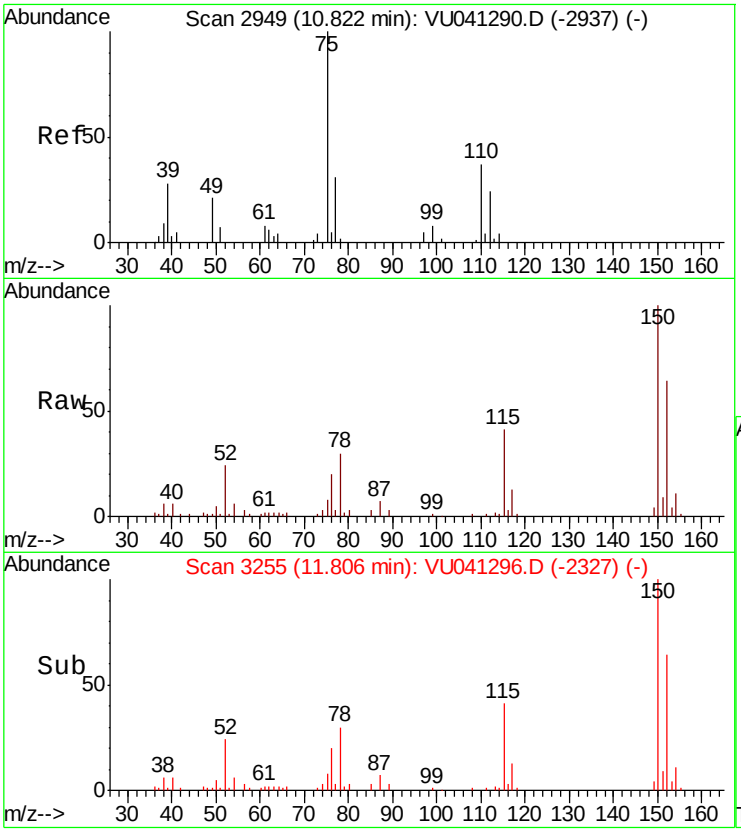




#48
2-Hexanone
Concen: 3.268 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

Tgt Ion: 43 Resp: 11032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.1 | 41.4 | 62.2# |
| 57 | 27.8 | 14.6 | 21.8# |
| 100 | 0.6 | 8.3 | 12.5# |






#59
1,2,3-Trichloropropane
Concen: 0.787 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041296.D
Acq: 17 Nov 2020 23:26

Tgt Ion: 75 Resp: 3391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.0 | 25.7 | 38.5 |

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01