Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122320\
Data File : VU041776.D
Acq On : 23 Dec 2020 12:46
Operator : SY/MD
Sample : L5185-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 24 01:10:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 121061 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 117678 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 51653 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 41478 | 4.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 87.60% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 41096 | 5.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 112.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 62274 | 3.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 71.40% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 138764 | 51.04 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 102.08% | | | |
| 24) Chloroform-d | 5.08 | 84 | 80129 | 4.94 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 46846 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.80% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 154690 | 4.59 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 51287 | 4.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.00% | | | |
| 41) Toluene-d8 | 7.90 | 98 | 123618 | 4.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 81.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 19884 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 83.80% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 119443 | 45.99 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 91.98% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 47200 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 47371 | 5.16 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 103.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.52 | 50 | 457 | 0.046 | ug/L # | 78 |
| 8) Chloroethane | 1.94 | 64 | 351 | 0.047 | ug/L # | 44 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.57 | 101 | 465 | 0.056 | ug/L # | 22 |
| 12) 1,1-Dichloroethene | 2.58 | 96 | 488 | 0.059 | ug/L # | 1 |
| 16) Methylene chloride | 3.06 | 84 | 1269 | 0.129 | ug/L | 82 |
| 27) 1,2-Dichloroethane | 5.74 | 62 | 693 | 0.064 | ug/L # | 73 |
| 35) Methylcyclohexane | 6.70 | 83 | 11949 | 0.782 | ug/L # | 19 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 5185 | 0.539 | ug/L # | 91 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 1059 | 0.074 | ug/L # | 60 |
| 44) trans-1,3-Dichloropropene | 8.19 | 75 | 714 | 0.056 | ug/L # | 51 |
| 48) 2-Hexanone | 8.64 | 43 | 14236 | 2.856 | ug/L # | 66 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 5166 | 0.715 | ug/L | 100 |
| 66) 1,2-Dibromo-3-chloropropan | 12.76 | 75 | 148 | 0.102 | ug/L # | 8 |

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

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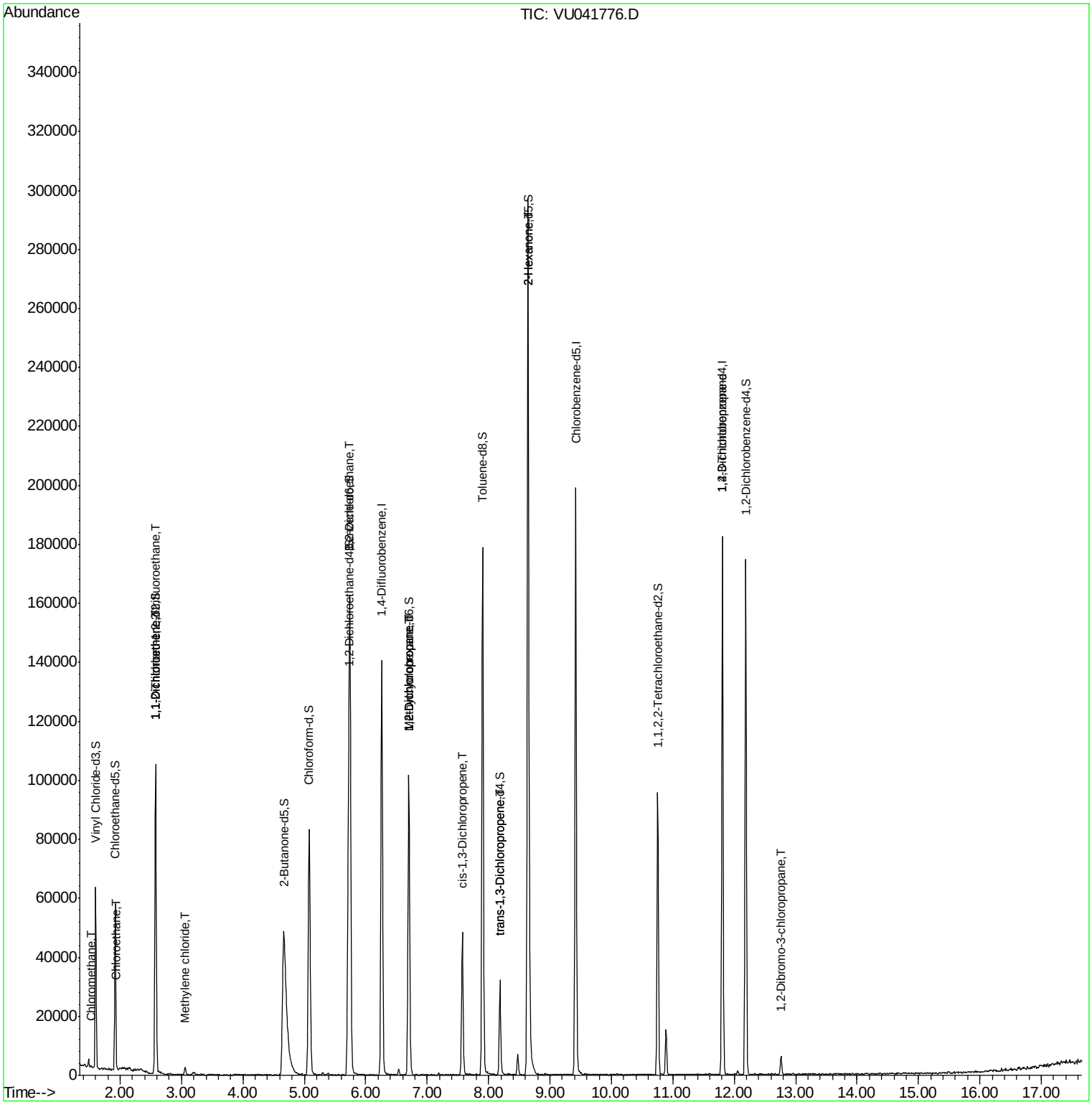
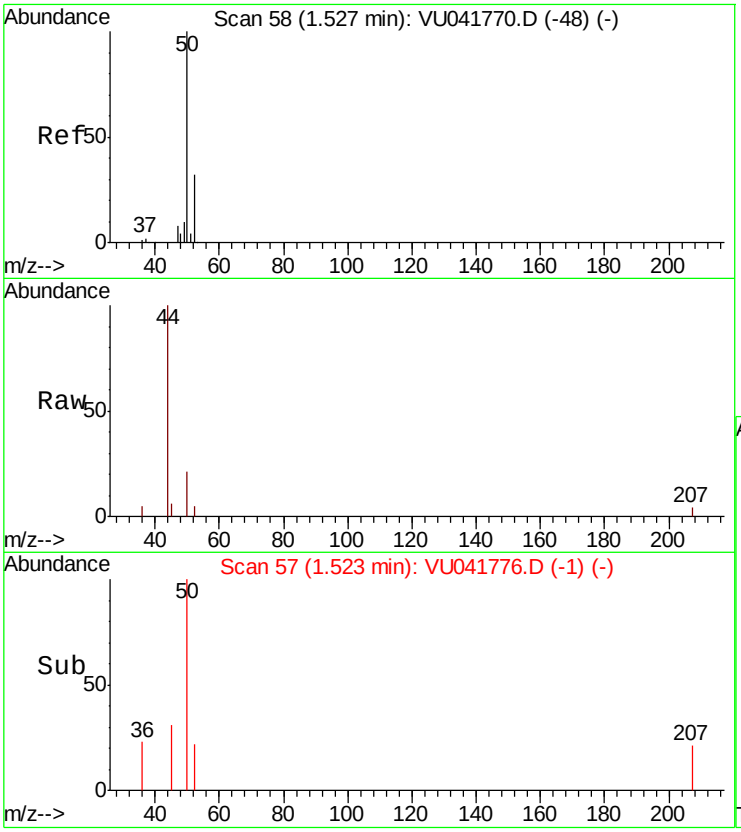
Operator : SY/MD
Sample : L5185-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 24 01:10:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration



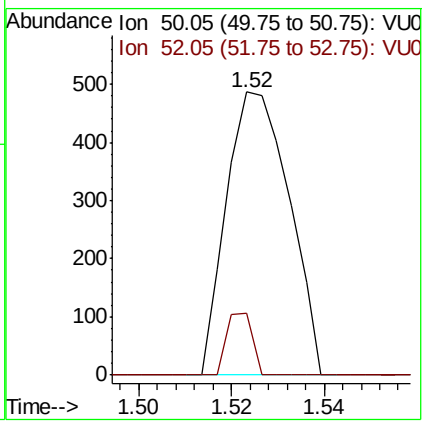


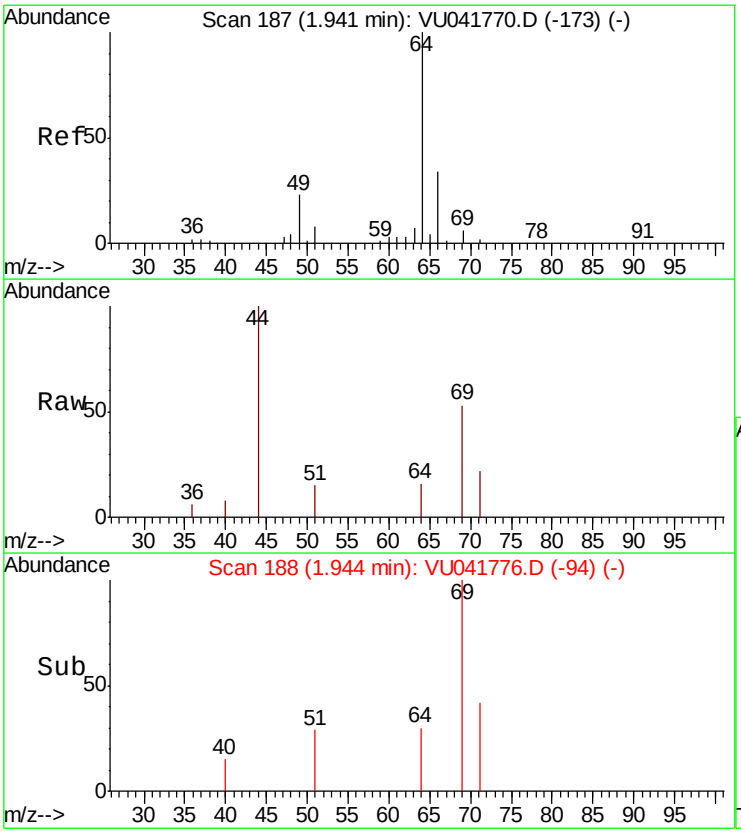

#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

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

Tgt Ion: 50 Resp: 457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 22.0 | 24.1 | 44.8# |

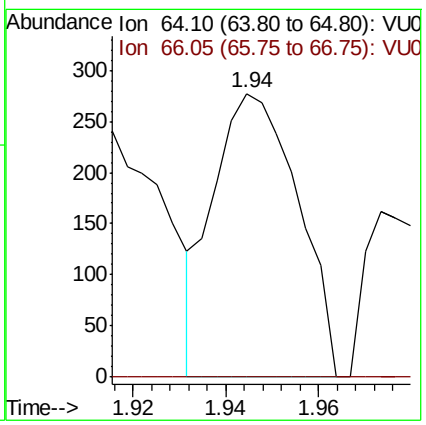


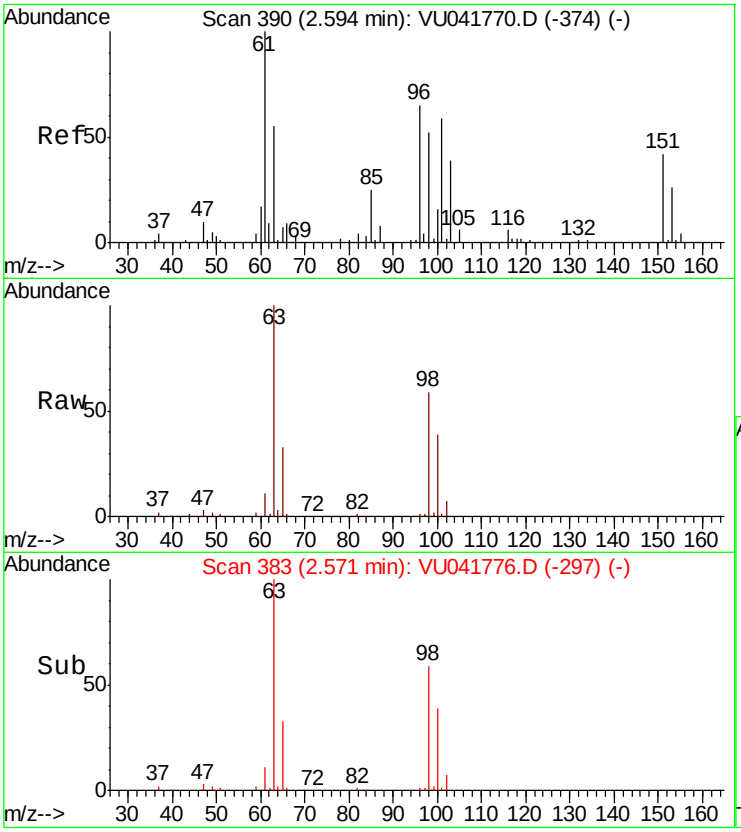




#8
Chloroethane
Concen: 0.047 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

Tgt Ion: 64 Resp: 351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 21.6 | 40.0# |



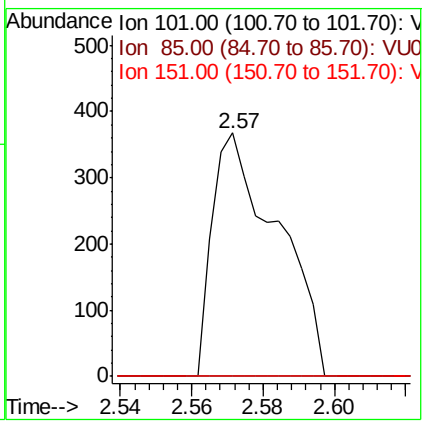


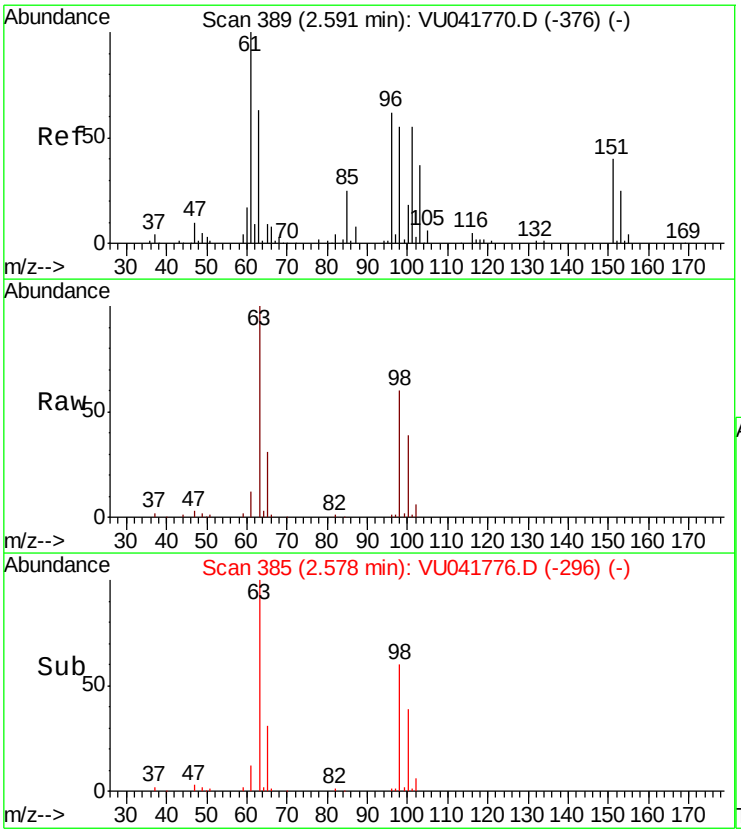

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.57 min Scan# 383
Delta R.T. -0.02 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

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

Tgt Ion:101 Resp: 465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 33.6 | 50.4# |
| 151 | 0.0 | 56.2 | 84.4# |

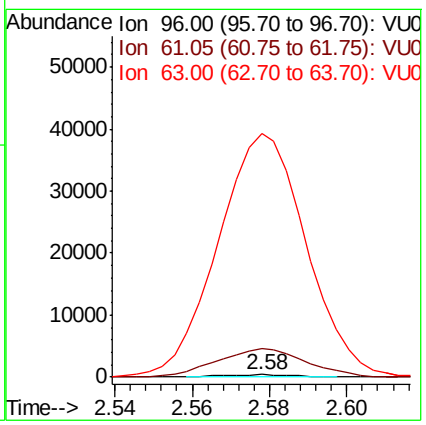


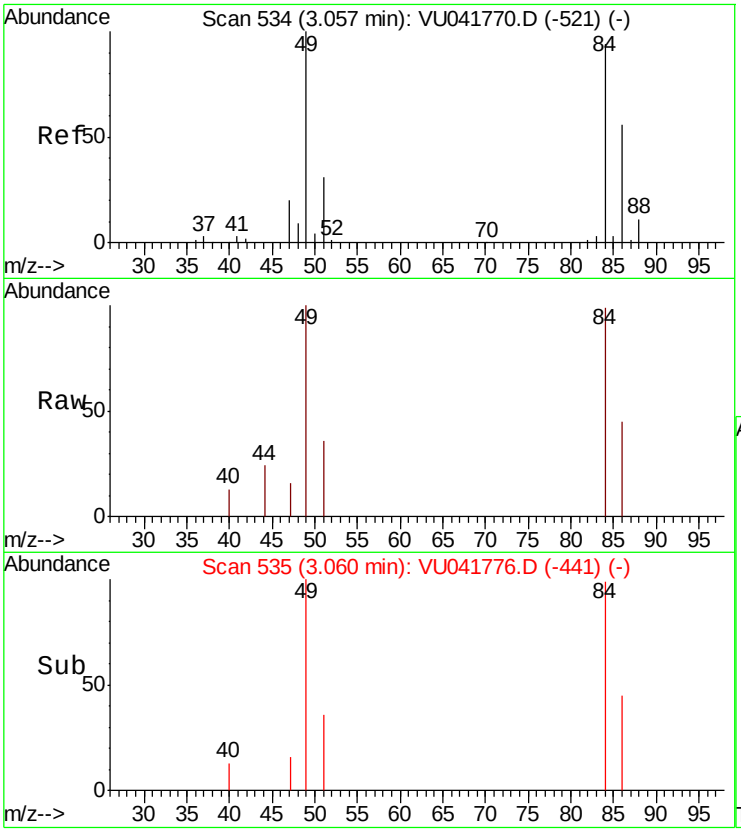




#12
1,1-Dichloroethene
Concen: 0.059 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

Tgt Ion: 96 Resp: 488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1174.1 | 123.8 | 230.0# |
| 63 | 10174.1 | 81.0 | 150.4# |



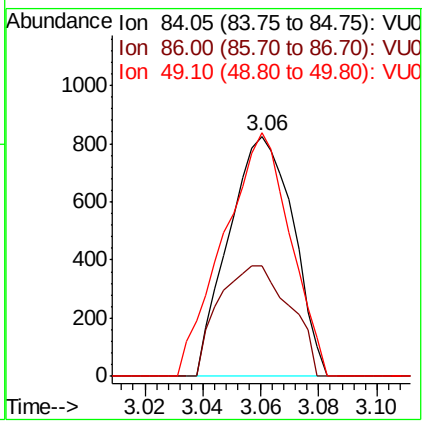


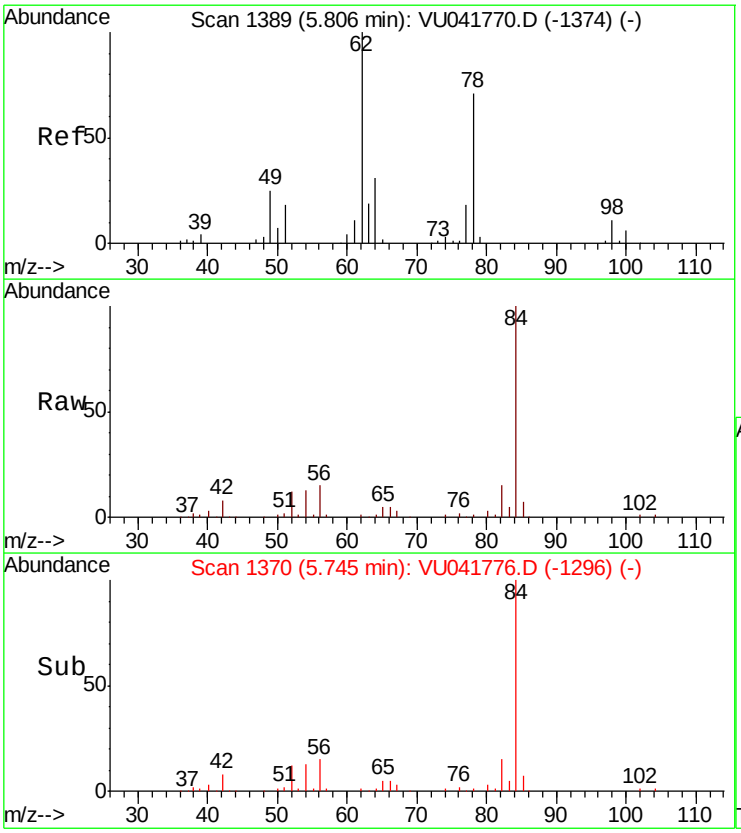

#16
Methylene chloride
Concen: 0.129 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

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

Tgt Ion: 84 Resp: 1269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 45.8 | 45.1 | 83.7 |
| 49 | 101.5 | 83.1 | 154.3 |

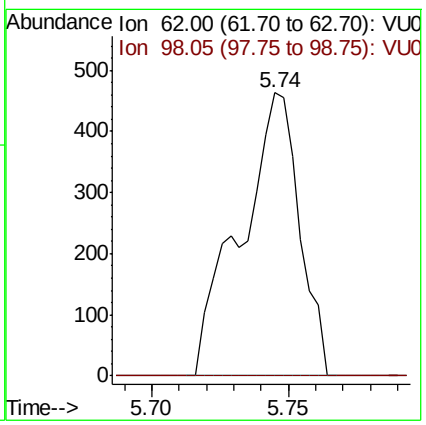


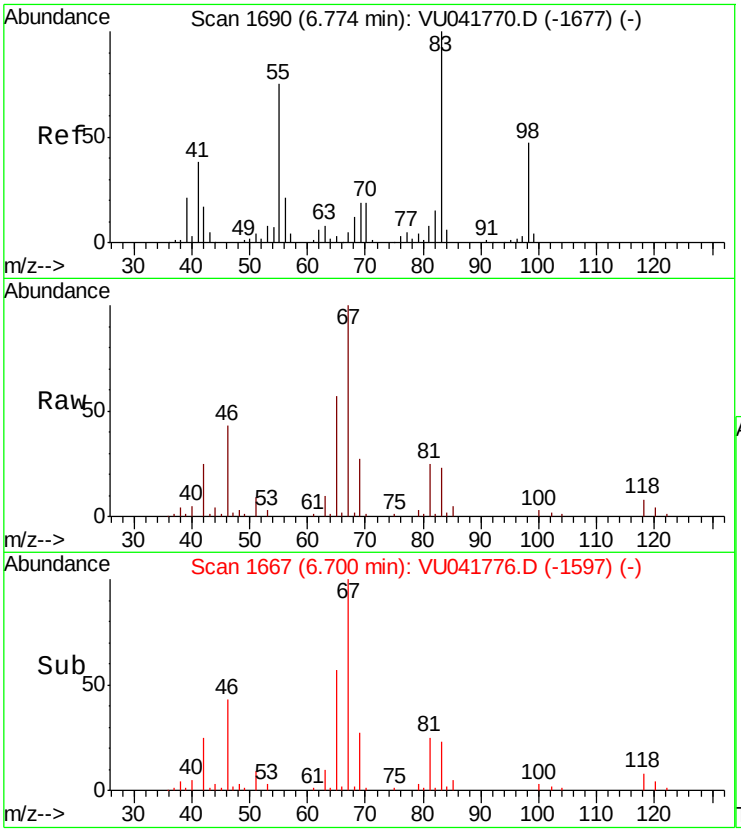




#27
1,2-Dichloroethane
Concen: 0.064 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

Tgt Ion: 62 Resp: 693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 8.2 | 12.2# |



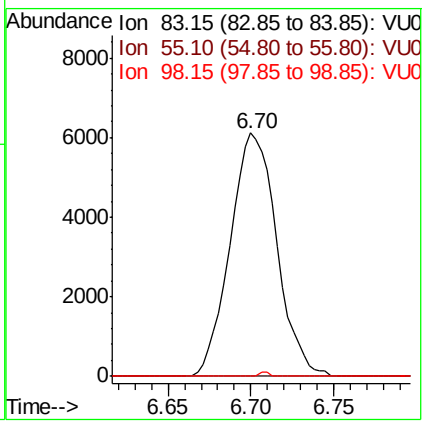


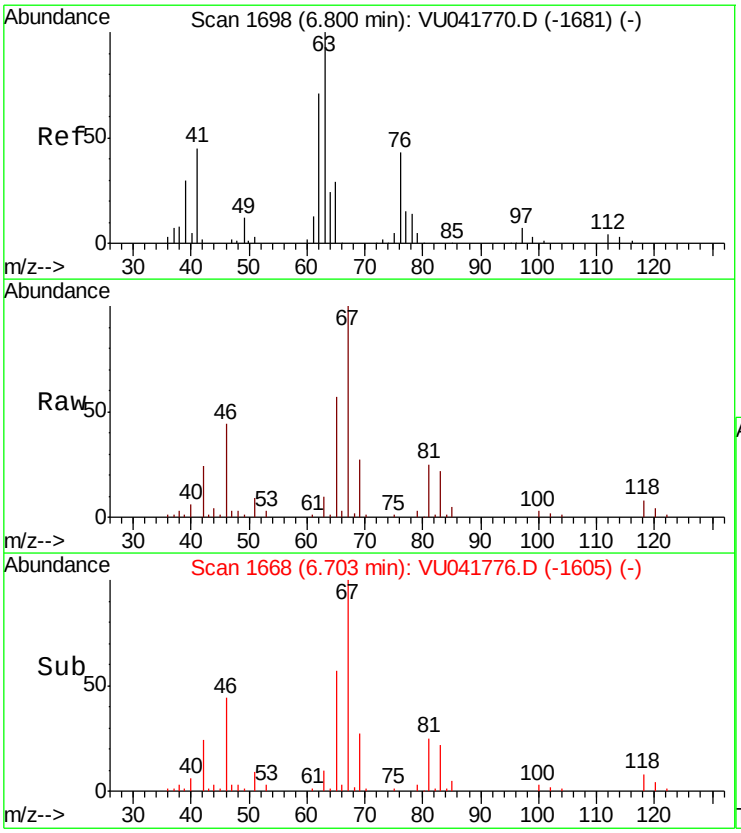

#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

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

Tgt Ion: 83 Resp: 11949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 61.2 | 91.8# |
| 98 | 0.3 | 36.6 | 54.8# |

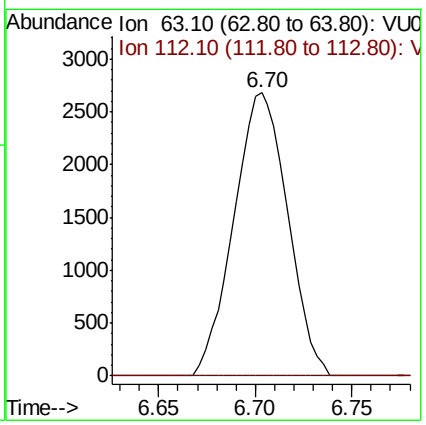


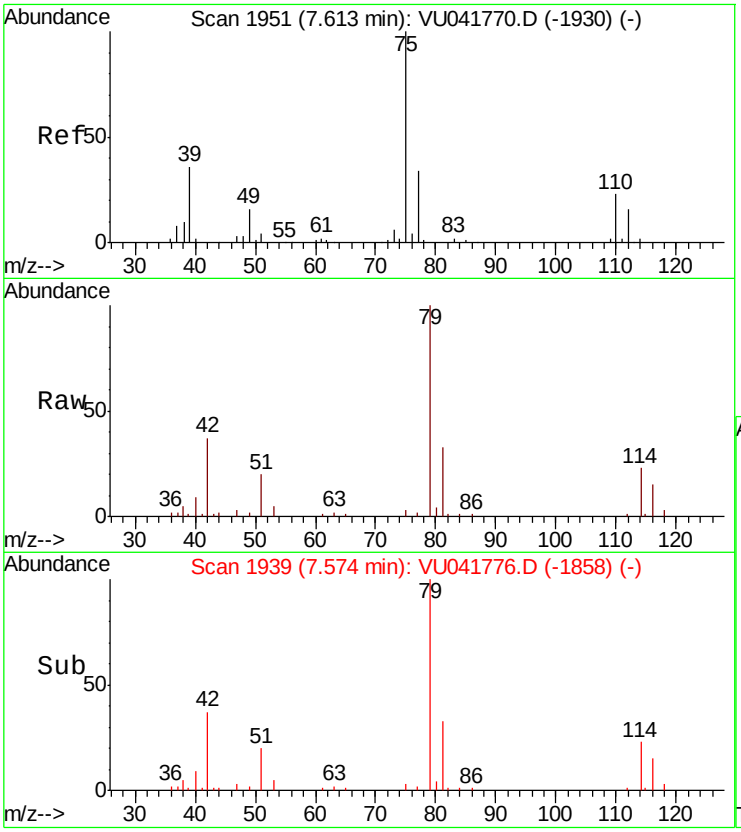




#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

Tgt Ion: 63 Resp: 5185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.8 | 3.1 | 4.7# |



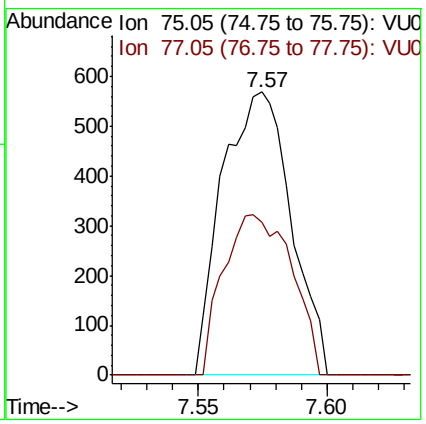


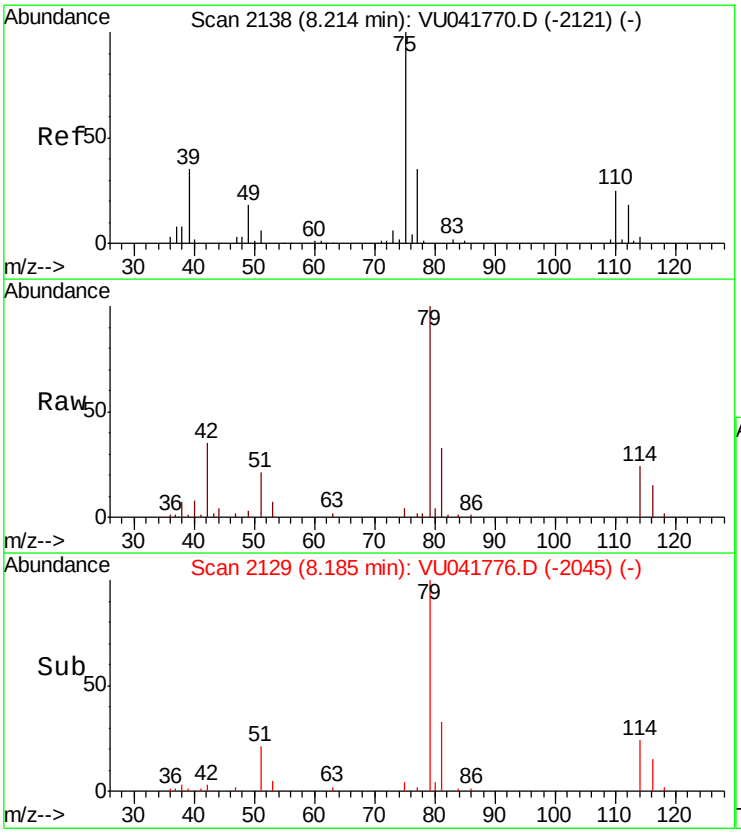

#39
cis-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

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

Tgt Ion: 75 Resp: 1059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 53.9 | 22.3 | 41.3# |

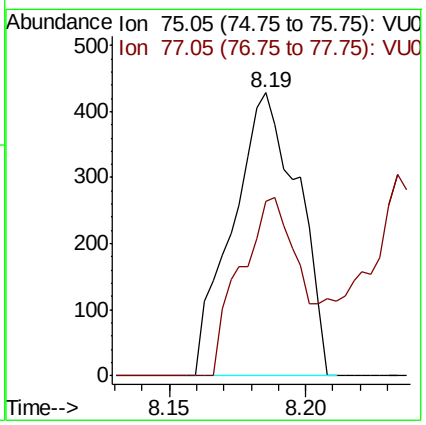


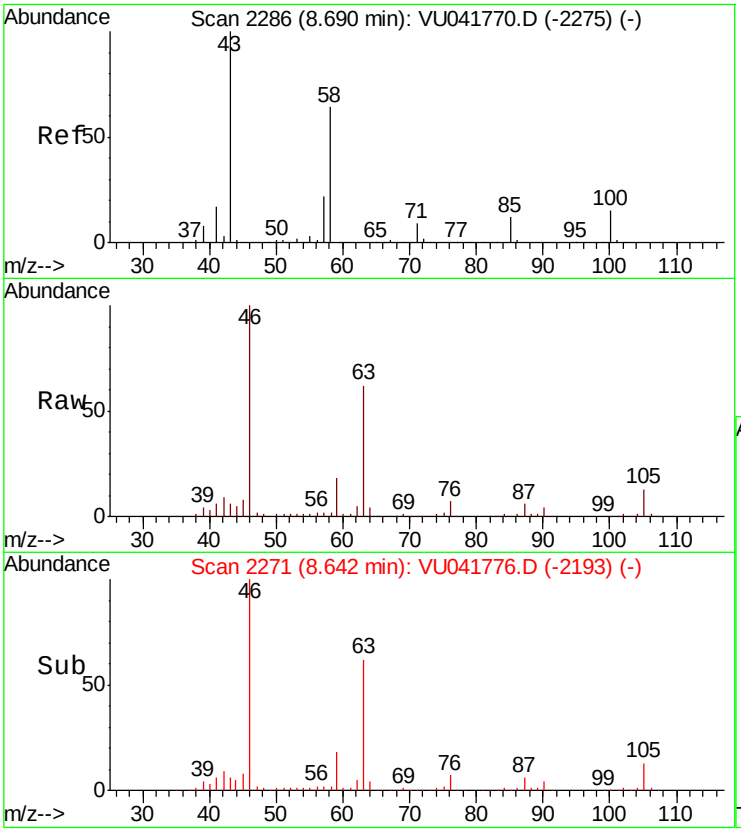




#44
trans-1,3-Dichloropropene
Concen: 0.056 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

Tgt Ion: 75 Resp: 714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 61.9 | 23.8 | 44.2# |



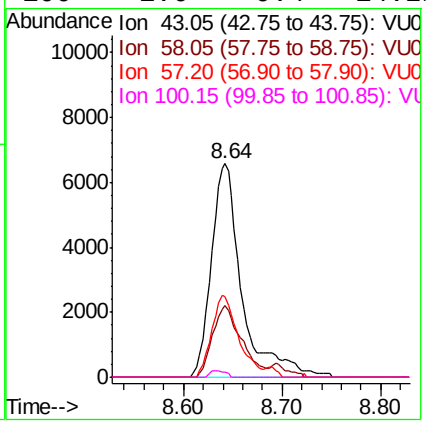


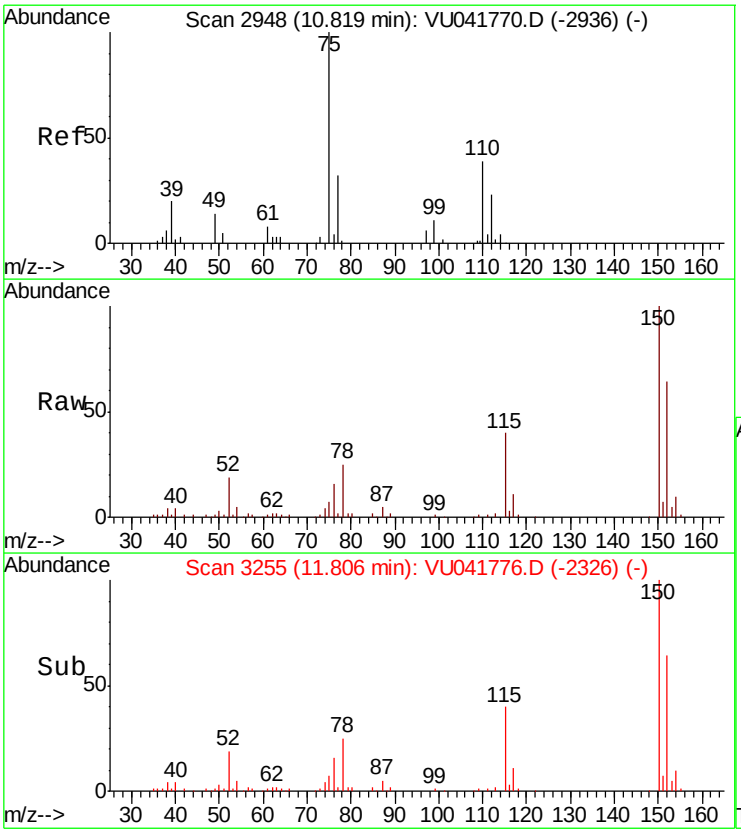

#48
2-Hexanone
Concen: 2.856 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

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

Tgt Ion: 43 Resp: 14236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.8 | 47.9 | 71.9# |
| 57 | 33.6 | 16.5 | 24.7# |
| 100 | 1.6 | 9.4 | 14.2# |

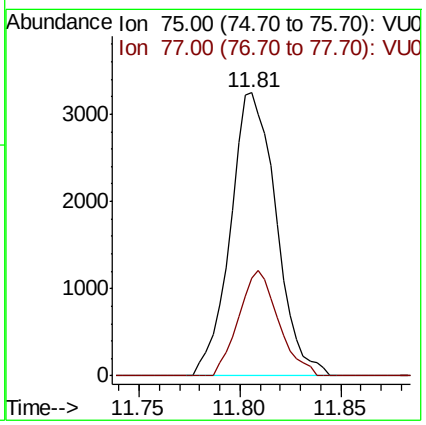


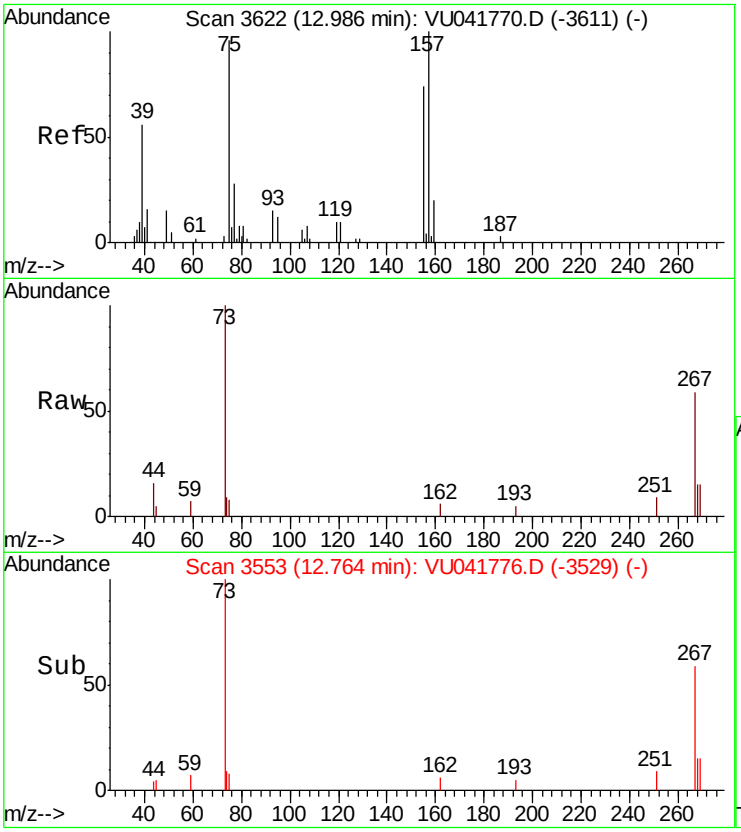




#59
1,2,3-Trichloropropane
Concen: 0.715 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

Tgt Ion: 75 Resp: 5166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.4 | 26.2 | 39.2 |






#66
1,2-Dibromo-3-chloropropane
Concen: 0.102 ug/L
RT: 12.76 min Scan# 3553
Delta R.T. -0.22 min
Lab File: VU041776.D
Acq: 23 Dec 2020 12:46

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

Tgt Ion: 75 Resp: 148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 57.4 | 86.0# |
| 157 | 0.0 | 72.4 | 108.6# |