Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041605.D
Acq On : 14 Dec 2020 12:10
Operator : SY/MD
Sample : L5063-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0AE2

Quant Time: Dec 14 12:41:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 14 12:40:03 2020
Response via : Initial Calibration

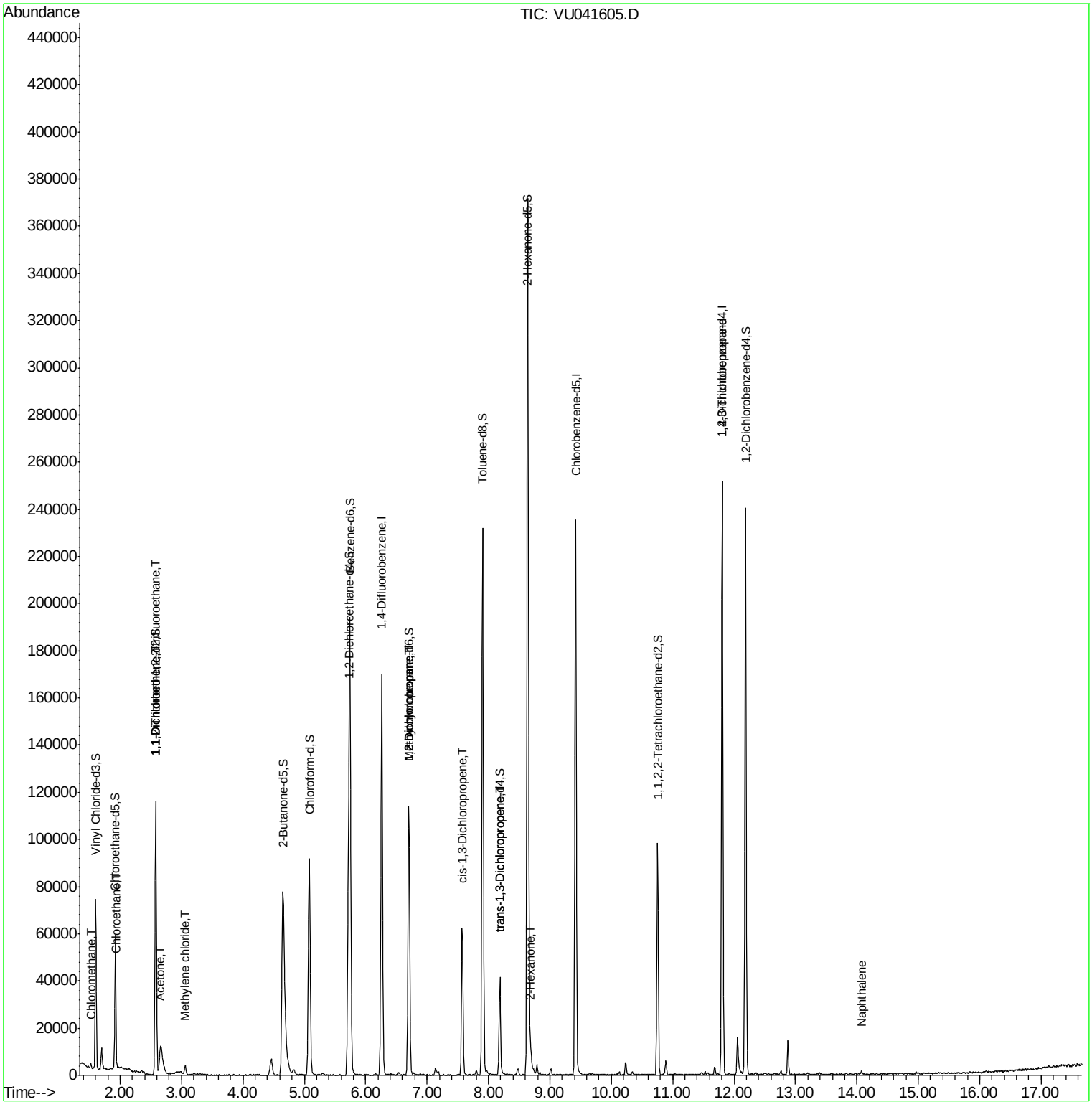
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 142683 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 134021 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 67700 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 48696 | 4.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 87.40% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 40392 | 4.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 93.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 70674 | 3.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 68.80% | | | |
| 20) 2-Butanone-d5 | 4.65 | 46 | 157987 | 49.31 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 98.62% | | | |
| 24) Chloroform-d | 5.08 | 84 | 86673 | 4.54 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 50176 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.60% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 178726 | 4.66 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 57059 | 4.74 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 94.80% | | | |
| 41) Toluene-d8 | 7.90 | 98 | 158134 | 4.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.40% | | | |
| 43) trans-1,3-Dichloropropene- | 8.18 | 79 | 24715 | 4.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 91.40% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 138094 | 46.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 93.38% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 50675 | 4.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 92.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 65774 | 5.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 109.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.52 | 50 | 1071 | 0.091 | ug/L | 96 |
| 8) Chloroethane | 1.94 | 64 | 294 | 0.033 | ug/L # | 61 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.58 | 101 | 694 | 0.071 | ug/L # | 22 |
| 12) 1,1-Dichloroethene | 2.58 | 96 | 516 | 0.053 | ug/L # | 1 |
| 13) Acetone | 2.66 | 43 | 29641 | 14.543 | ug/L | 100 |
| 16) Methylene chloride | 3.06 | 84 | 1696 | 0.147 | ug/L | 87 |
| 35) Methylcyclohexane | 6.70 | 83 | 13283 | 0.763 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 5640 | 0.514 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 1368 | 0.084 | ug/L # | 35 |
| 44) trans-1,3-Dichloropropene | 8.19 | 75 | 1086 | 0.075 | ug/L # | 59 |
| 48) 2-Hexanone | 8.69 | 43 | 3158 | 0.556 | ug/L # | 95 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 7659 | 0.930 | ug/L | 89 |
| 69) Naphthalene | 14.08 | 128 | 1528 | 0.056 | ug/L # | 87 |

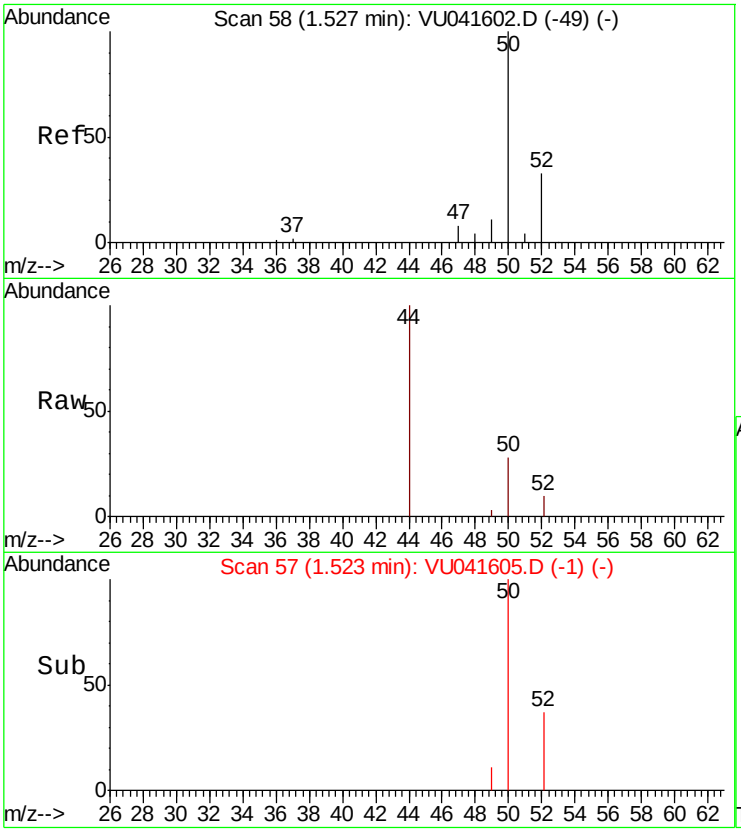
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121420\
Data File : VU041605.D
Acq On : 14 Dec 2020 12:10
Operator : SY/MD
Sample : L5063-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AE2

Quant Time: Dec 14 12:41:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 14 12:40:03 2020
Response via : Initial Calibration



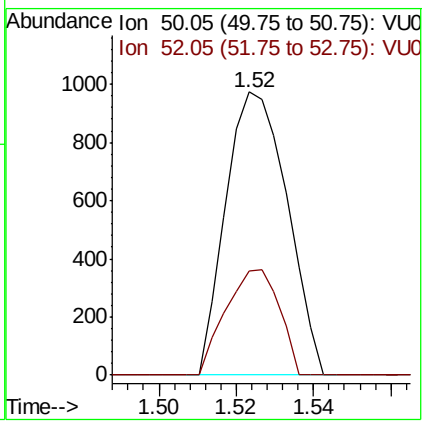


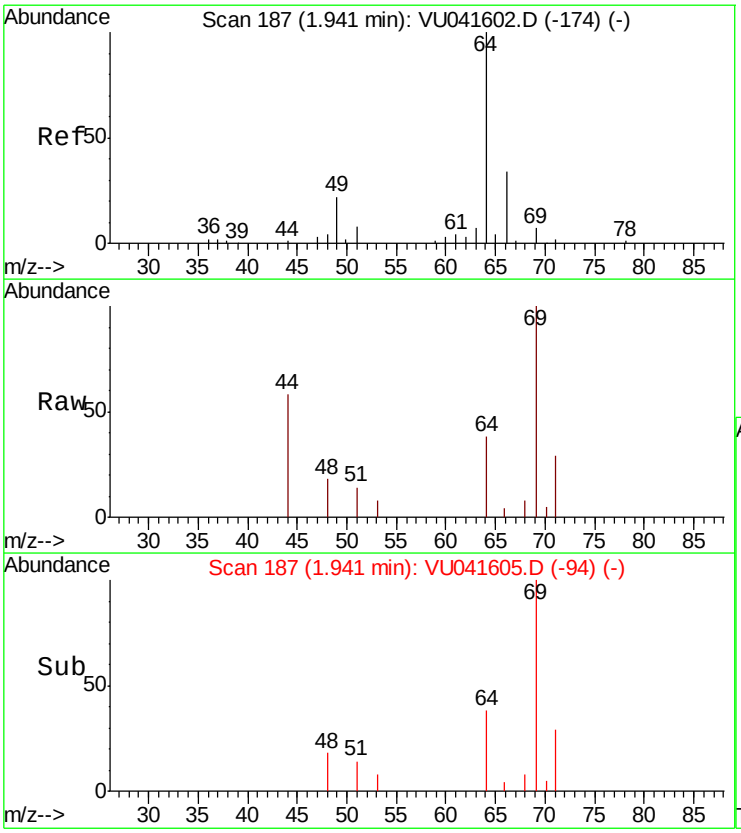

#3
Chloromethane
Concen: 0.091 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AE2

Tgt Ion: 50 Resp: 1071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 36.9 | 24.1 | 44.8 |

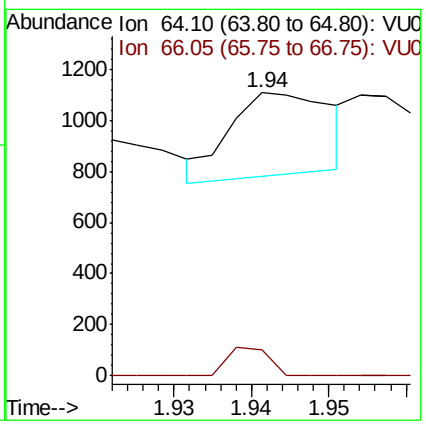


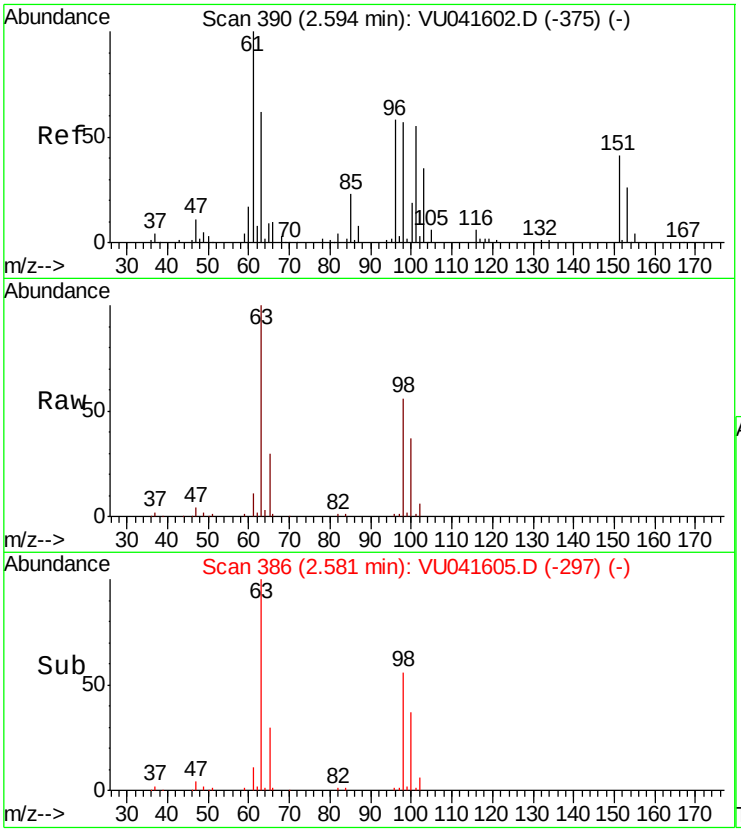




#8
Chloroethane
Concen: 0.033 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 64 Resp: 294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 9.2 | 21.6 | 40.0# |



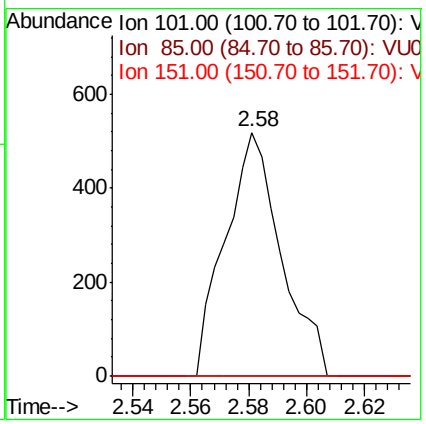


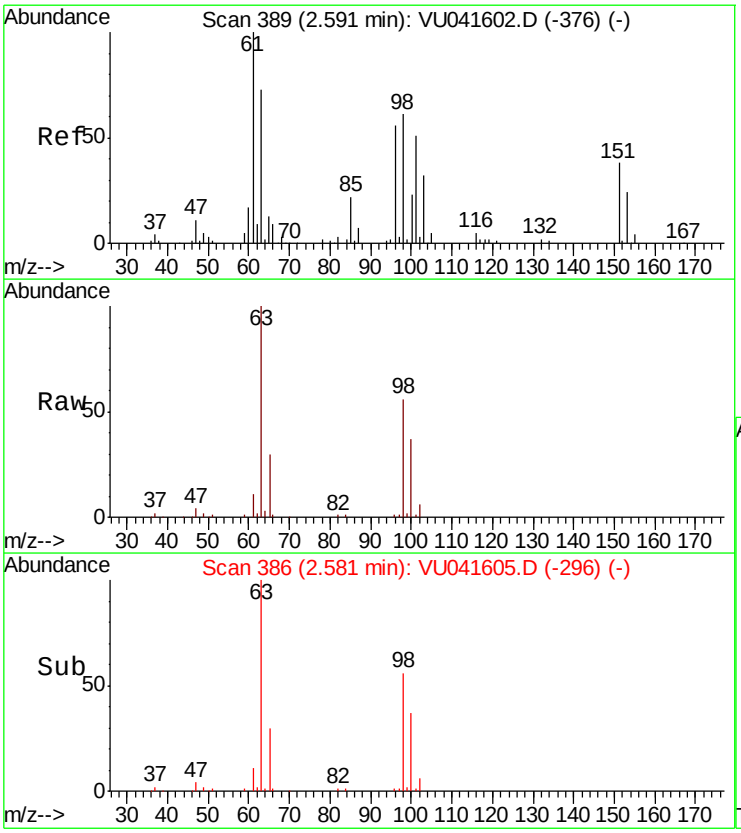

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AE2

Tgt Ion:101 Resp: 694

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

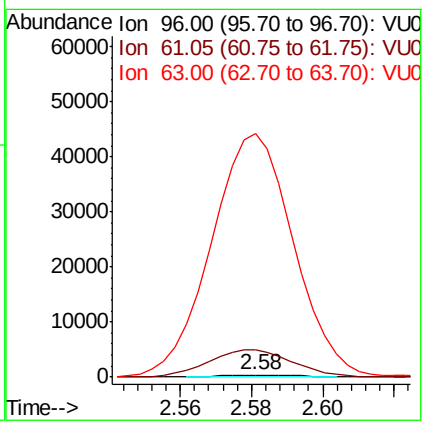


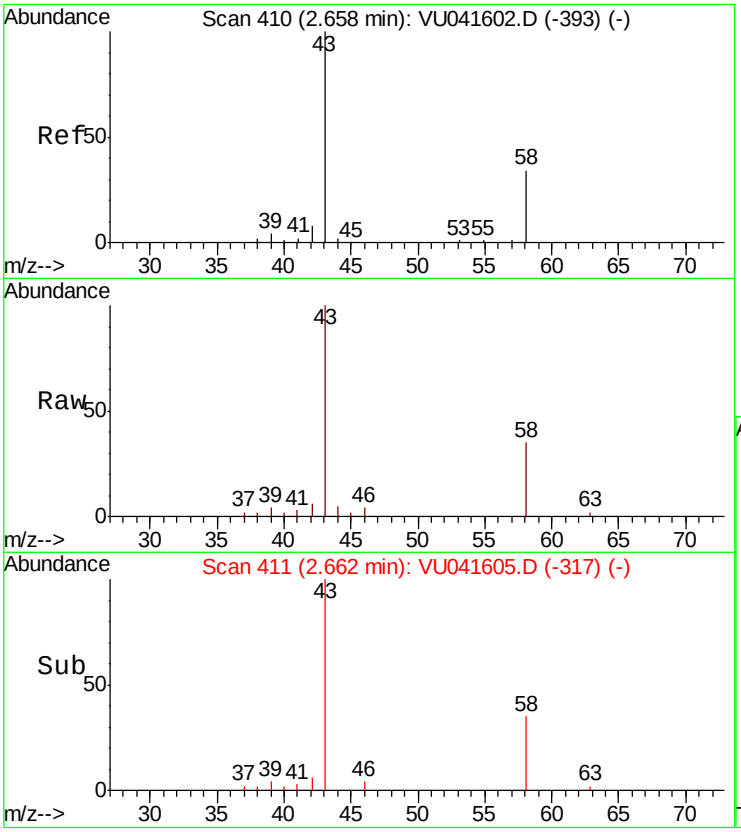




#12
1,1-Dichloroethene
Concen: 0.053 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 96 Resp: 516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1346.7 | 123.8 | 230.0# |
| 63 | 12074.3 | 81.0 | 150.4# |



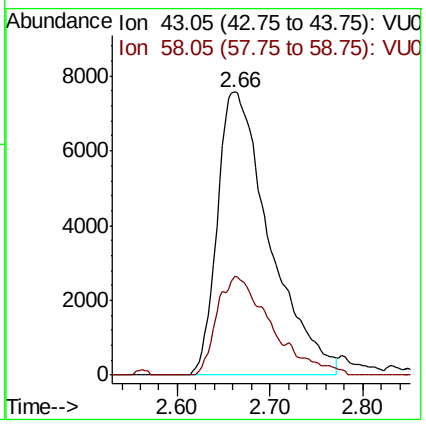


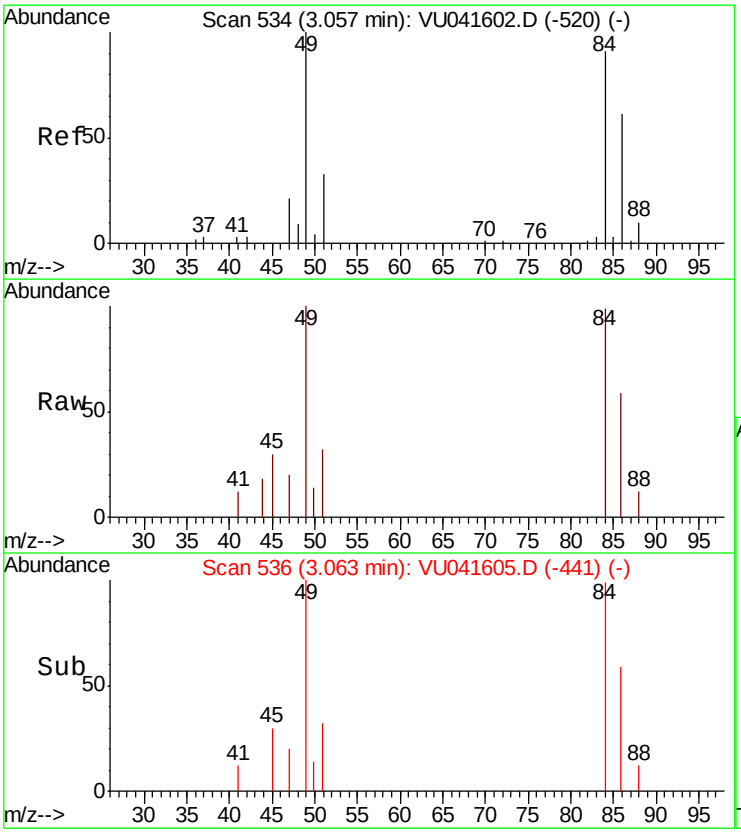

#13
Acetone
Concen: 14.543 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

**Instrument :** MSVOA_U
**ClientSampleId :** C0AE2

Tgt Ion: 43 Resp: 29641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.4 | 0.0 | 73.2 |

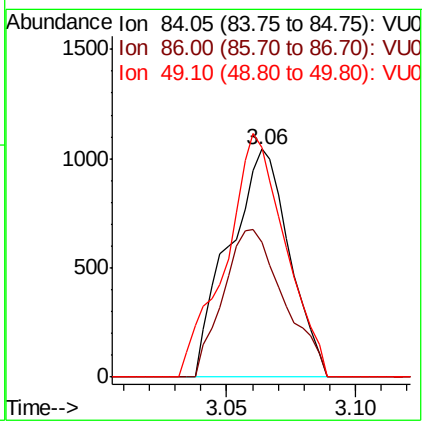


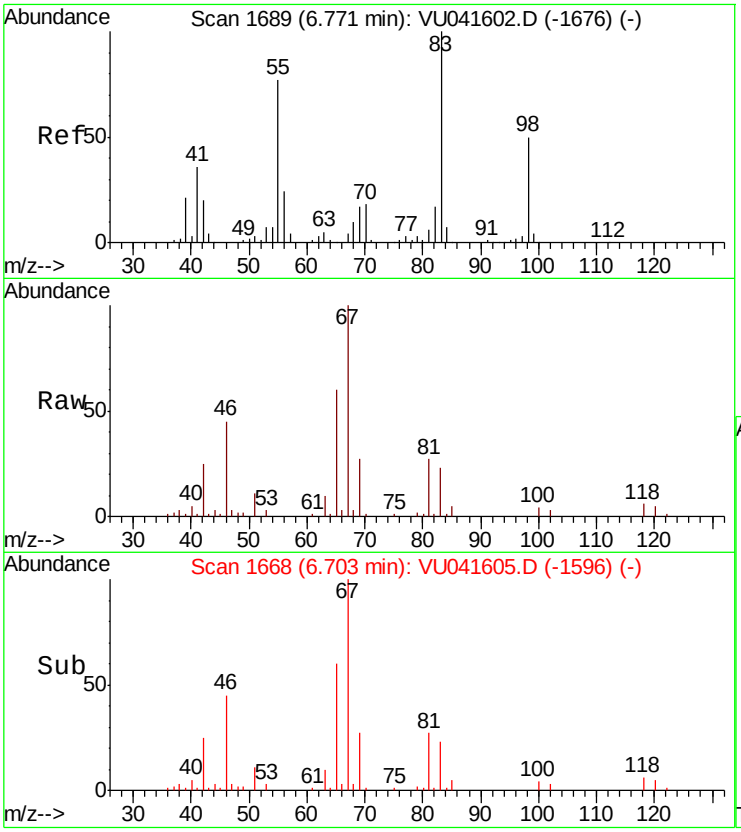




#16
Methylene chloride
Concen: 0.147 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.01 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 84 Resp: 1696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 59.1 | 45.1 | 83.7 |
| 49 | 100.8 | 83.1 | 154.3 |



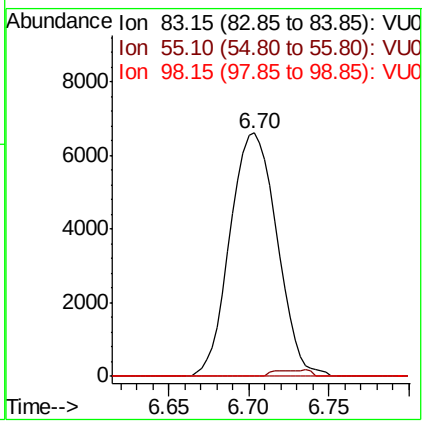


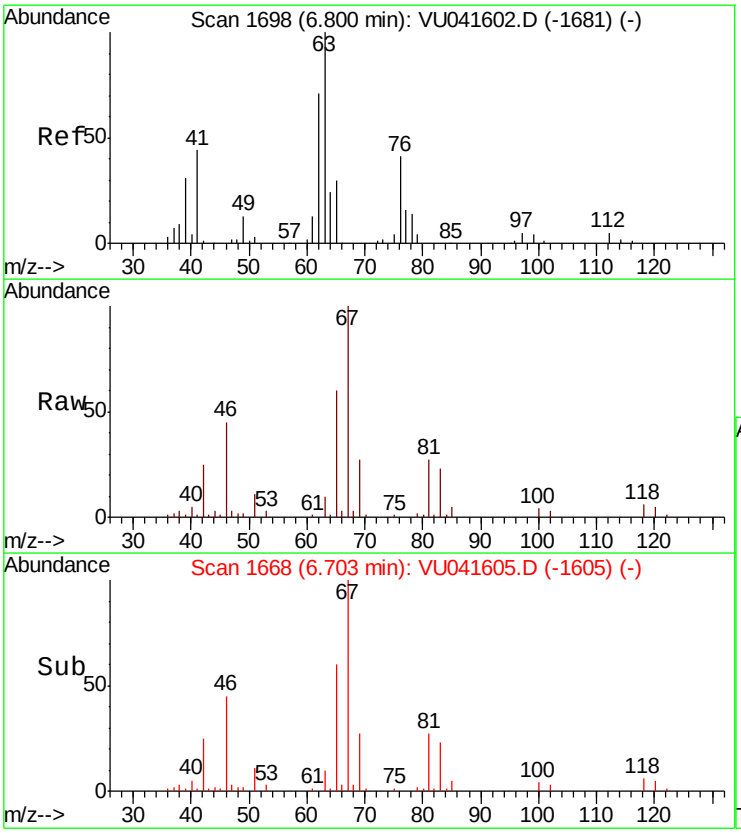

#35
Methylcyclohexane
Concen: 0.763 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

**Instrument :** MSVOA_U
**ClientSampleId :** C0AE2

Tgt Ion: 83 Resp: 13283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 1.2 | 61.2 | 91.8# |
| 98 | 1.1 | 36.6 | 54.8# |

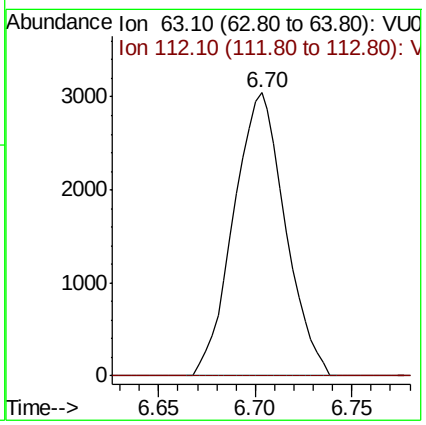


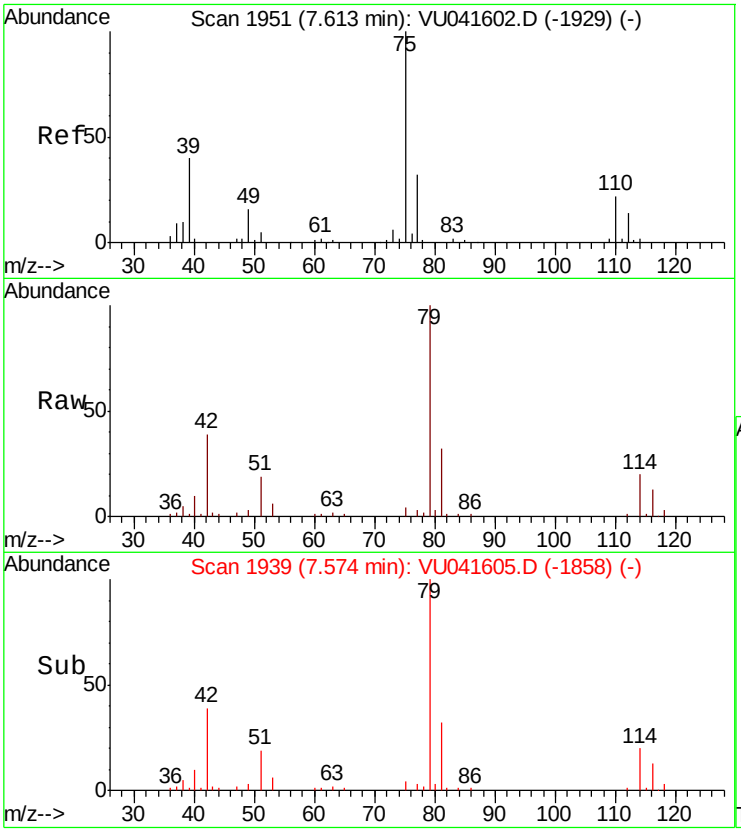




#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 63 Resp: 5640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.1 | 4.7# |



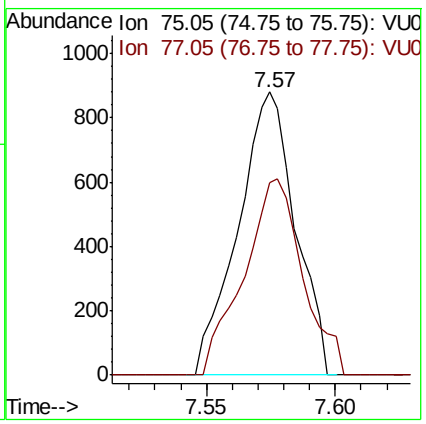


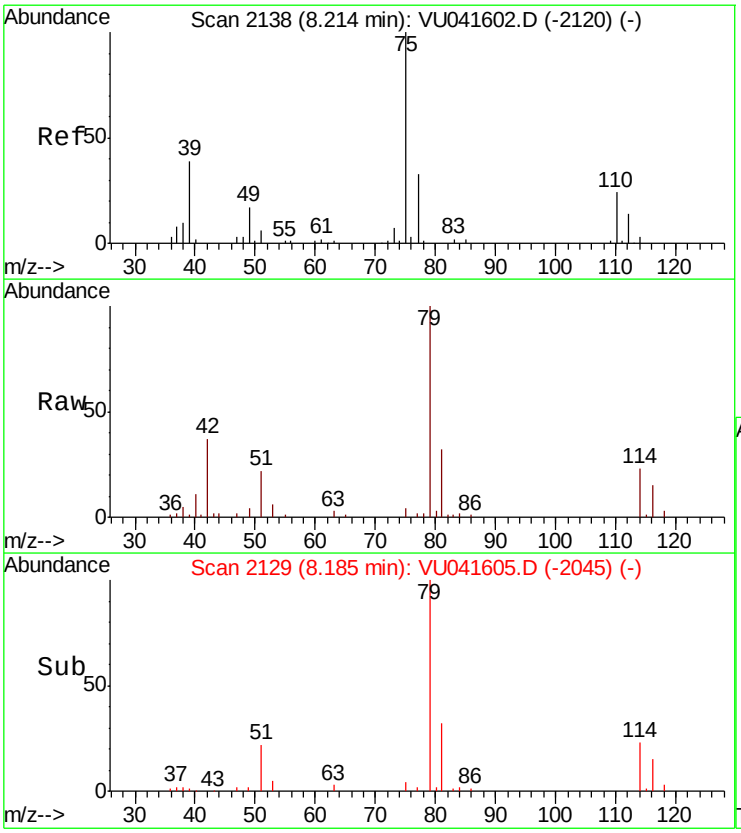

#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AE2

Tgt Ion: 75 Resp: 1368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 67.8 | 22.3 | 41.3# |

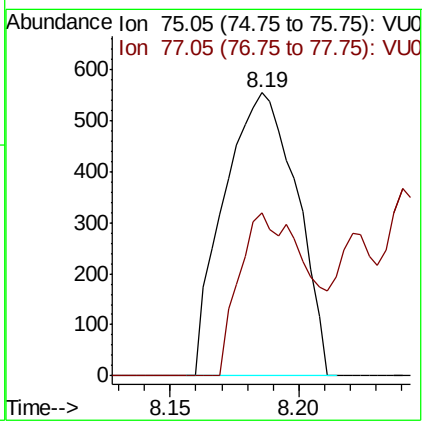


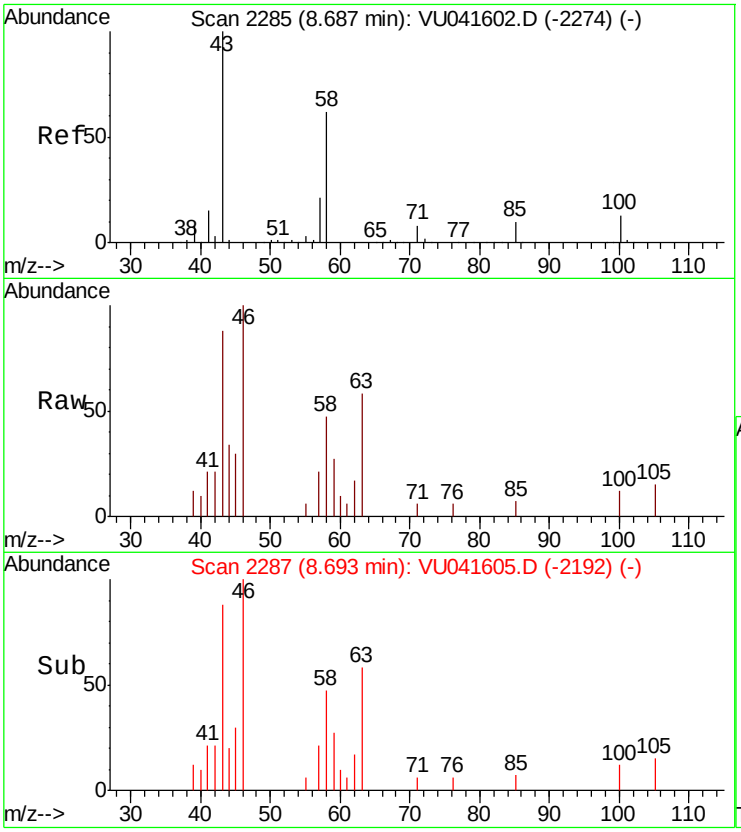




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 75 Resp: 1086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 57.7 | 23.8 | 44.2# |



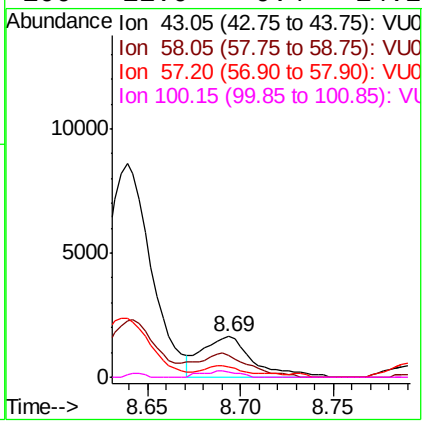


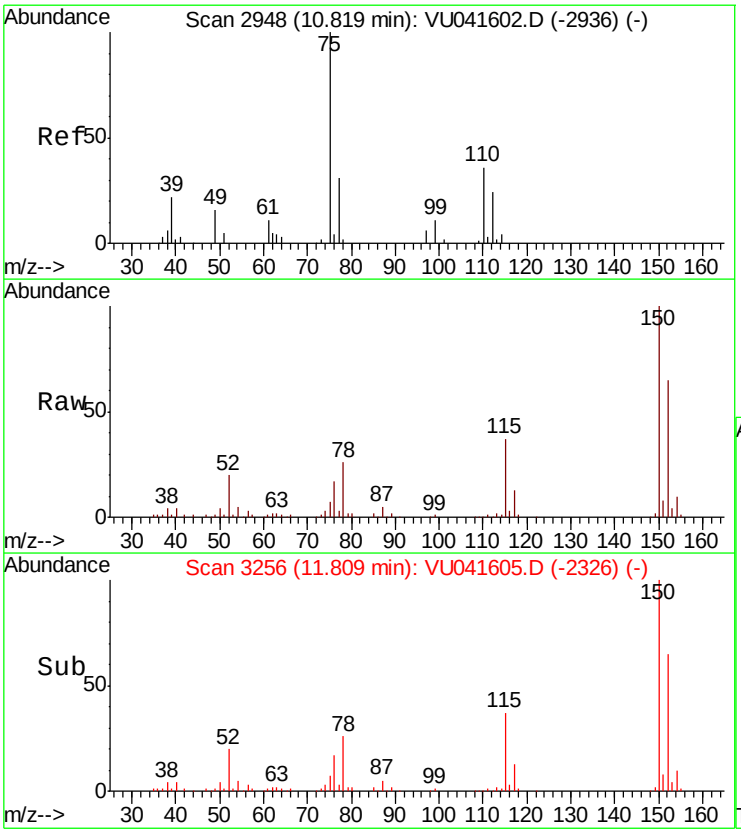

#48
2-Hexanone
Concen: 0.556 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.01 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

**Instrument :** MSVOA_U
**ClientSampleId :** C0AE2

Tgt Ion: 43 Resp: 3158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 59.7 | 47.9 | 71.9 |
| 57 | 12.1 | 16.5 | 24.7# |
| 100 | 11.0 | 9.4 | 14.2 |

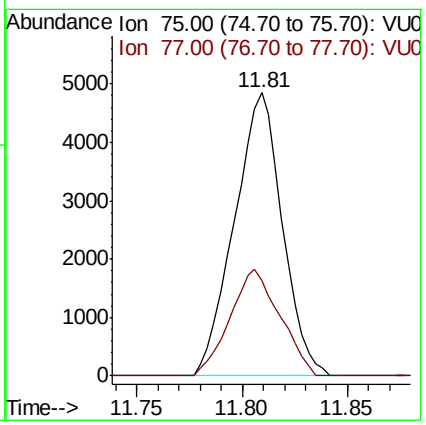


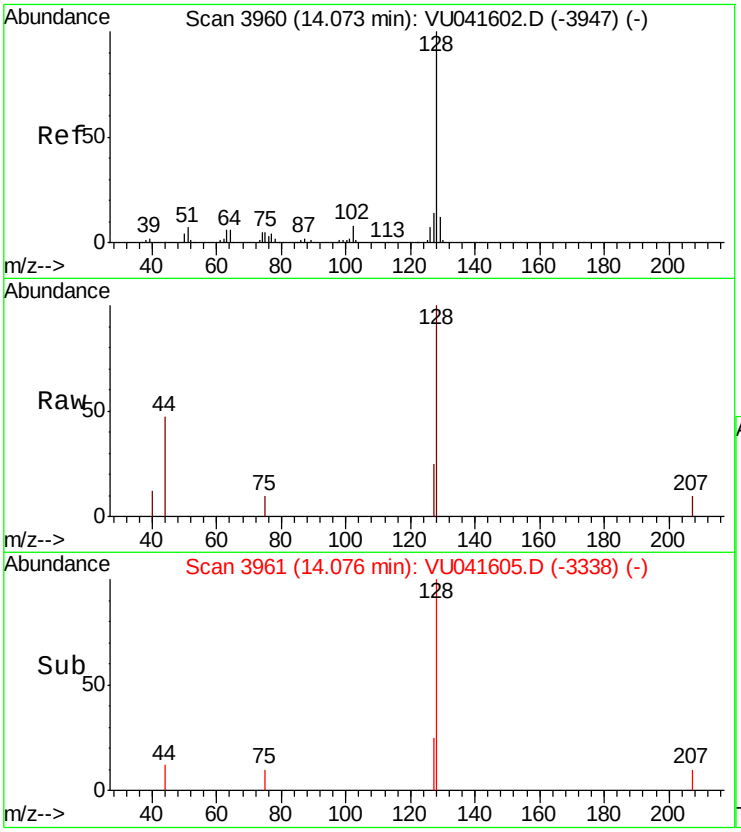




#59
1,2,3-Trichloropropane
Concen: 0.930 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

Tgt Ion: 75 Resp: 7659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.1 | 26.2 | 39.2 |






#69
Naphthalene
Concen: 0.056 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU041605.D
Acq: 14 Dec 2020 12:10

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0AE2

Tgt Ion:128 Resp: 1528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 1.3 | 8.7 | 13.1# |
| 127 | 12.2 | 10.2 | 15.4 |