Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041606.D
Acq On : 14 Dec 2020 12:33
Operator : SY/MD
Sample : L5060-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0B00

Quant Time: Dec 15 00:48:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 134690 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 131135 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 65390 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 48447 | 4.60 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 92.00% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 39412 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 96.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 68024 | 3.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 70.20% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 159411 | 52.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 105.40% | | | |
| 24) Chloroform-d | 5.08 | 84 | 84486 | 4.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 50048 | 4.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.80% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 173122 | 4.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 55022 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 93.40% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 152523 | 4.50 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 90.00% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 23994 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 90.60% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 138805 | 47.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 95.92% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 51683 | 4.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 57930 | 4.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 99.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.93 | 64 | 1490 | 0.179 | ug/L # | 44 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.58 | 101 | 619 | 0.067 | ug/L # | 22 |
| 13) Acetone | 2.66 | 43 | 12355 | 6.422 | ug/L | 82 |
| 21) 2-Butanone | 4.66 | 43 | 2733 | 0.872 | ug/L | 97 |
| 25) Chloroform | 5.11 | 83 | 2959 | 0.166 | ug/L | 78 |
| 27) 1,2-Dichloroethane | 5.75 | 62 | 491 | 0.041 | ug/L # | 73 |
| 35) Methylcyclohexane | 6.70 | 83 | 13163 | 0.773 | ug/L # | 19 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 5575 | 0.520 | ug/L # | 88 |
| 38) Bromodichloromethane | 7.11 | 83 | 473 | 0.035 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 1552 | 0.098 | ug/L # | 77 |
| 44) trans-1,3-Dichloropropene | 8.18 | 75 | 911 | 0.064 | ug/L | 93 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 7864 | 0.976 | ug/L | 98 |

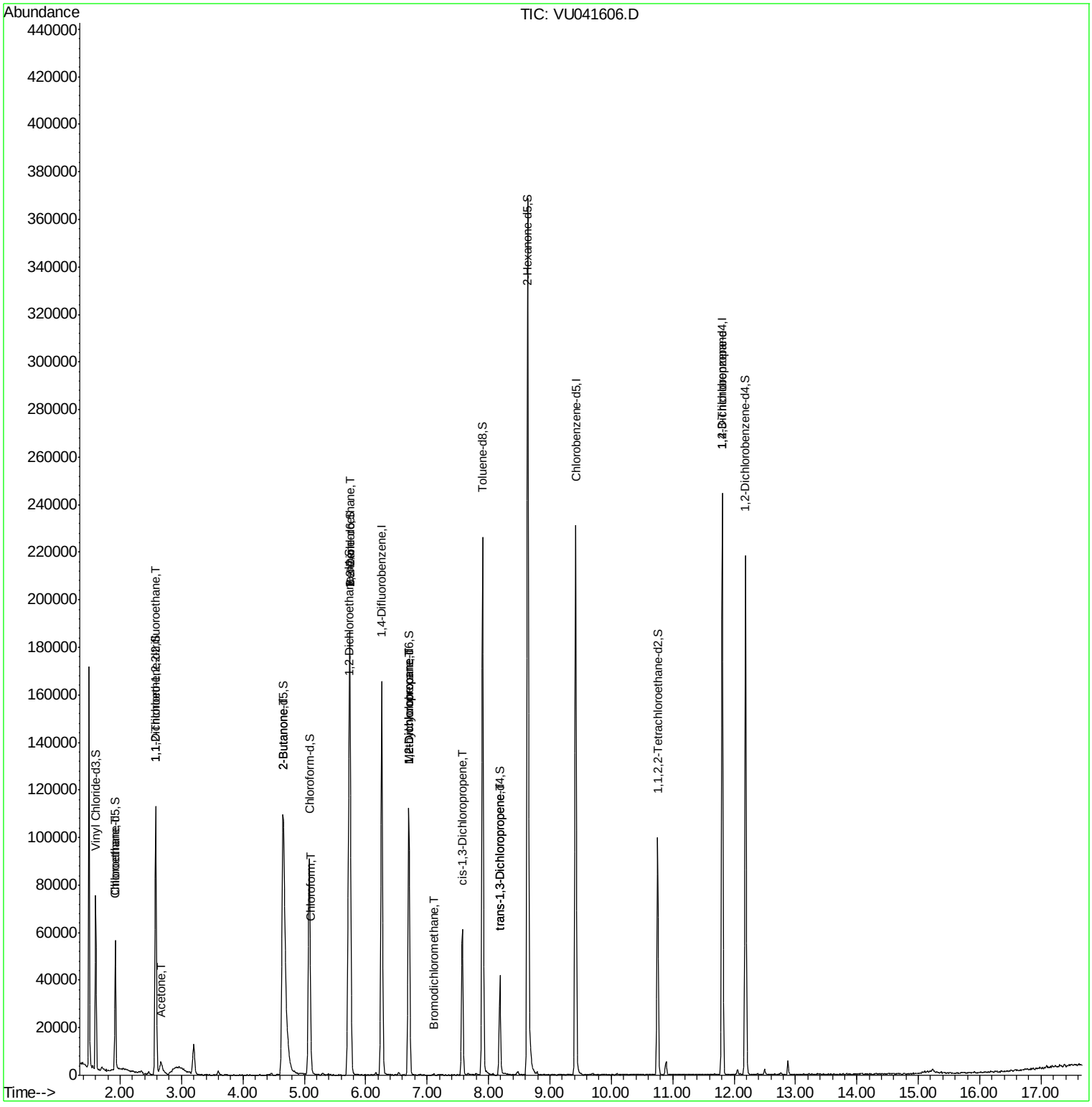
(#) = qualifier out of range (m) = manual integration (+) = signals summed

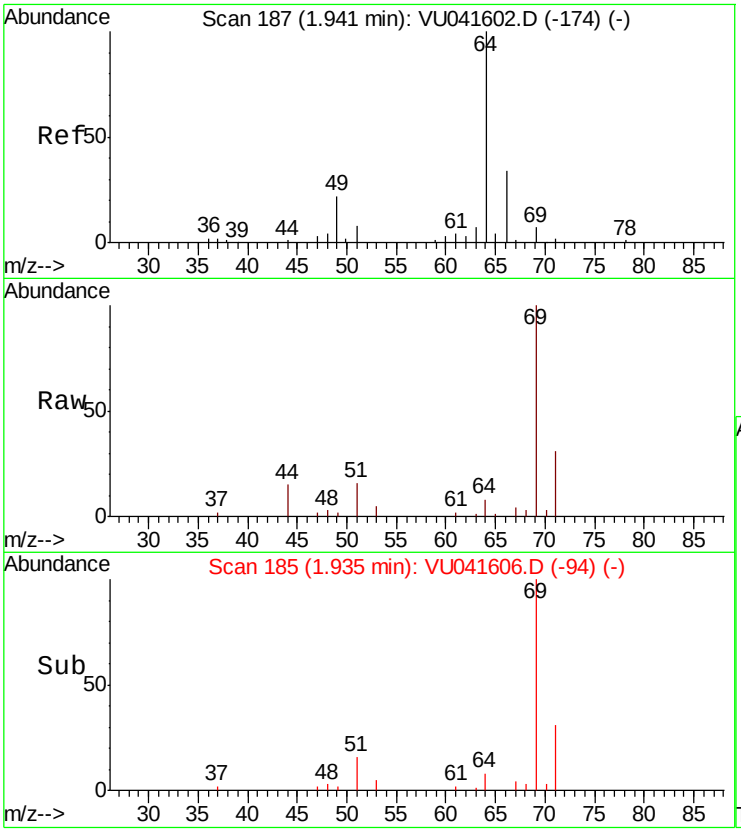
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041606.D
Acq On : 14 Dec 2020 12:33
Operator : SY/MD
Sample : L5060-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0B00

Quant Time: Dec 15 00:48:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration



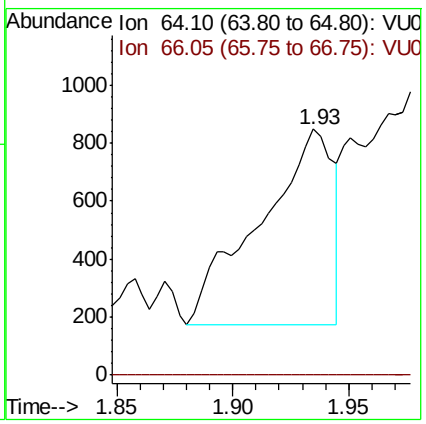


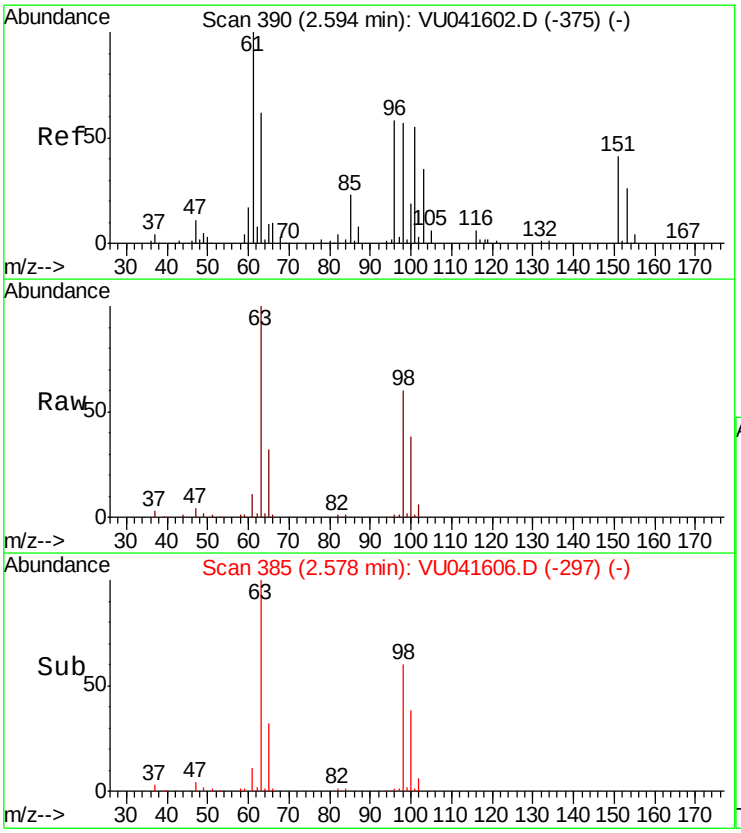

#8
Chloroethane
Concen: 0.179 ug/L
RT: 1.93 min Scan# 185
Delta R.T. -0.01 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0B00

Tgt Ion: 64 Resp: 1490

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

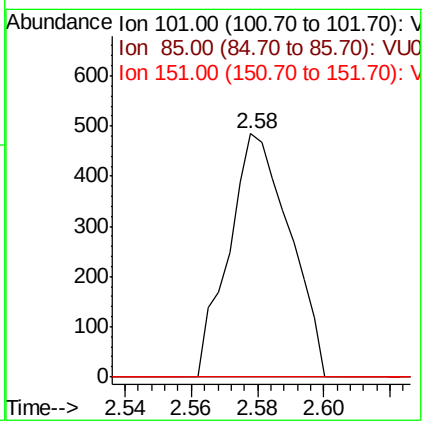


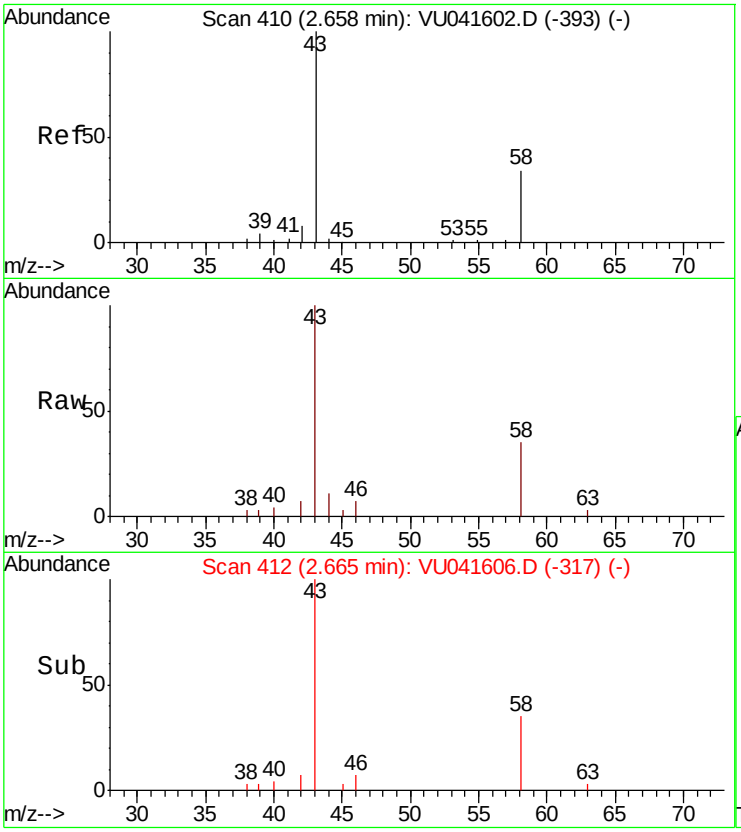




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

Tgt Ion:101 Resp: 619

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



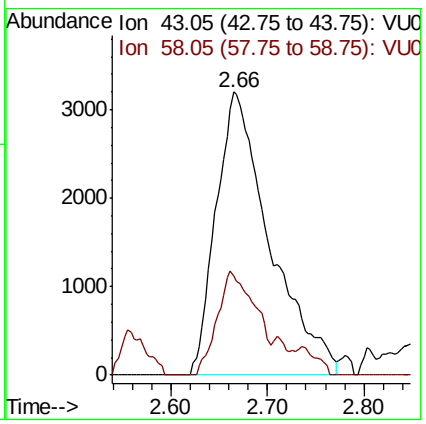


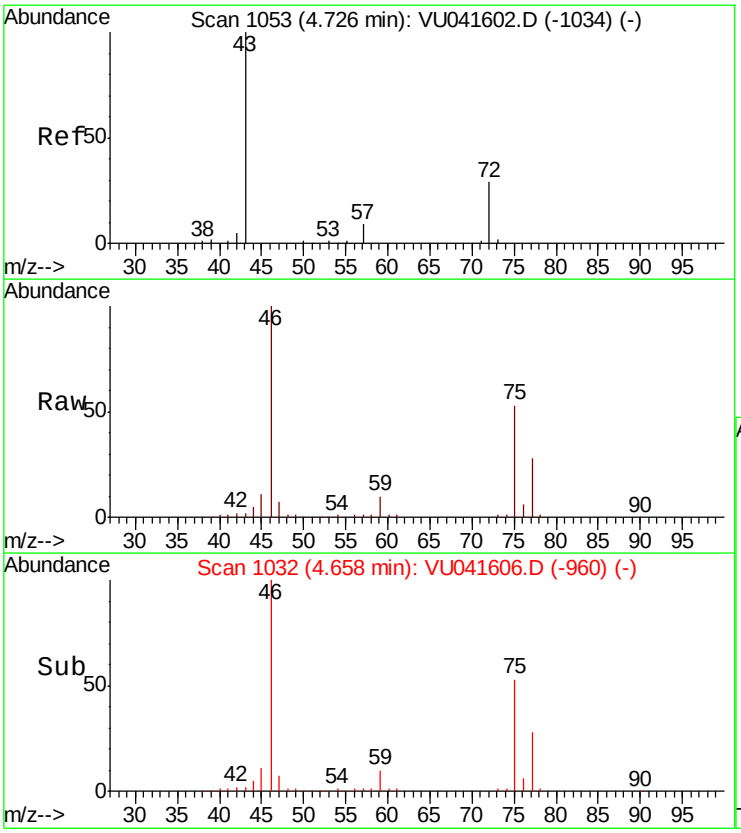

#13
Acetone
Concen: 6.422 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

**Instrument :** MSVOA_U
**ClientSampleId :** C0B00

Tgt Ion: 43 Resp: 12355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.2 | 0.0 | 73.2 |

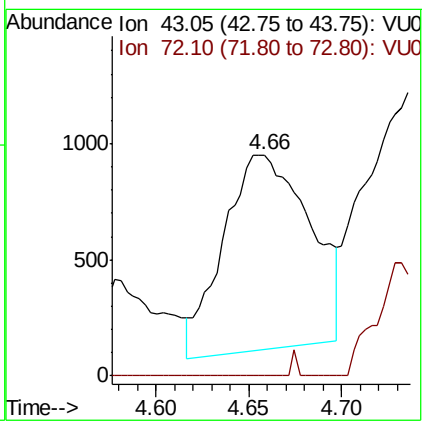


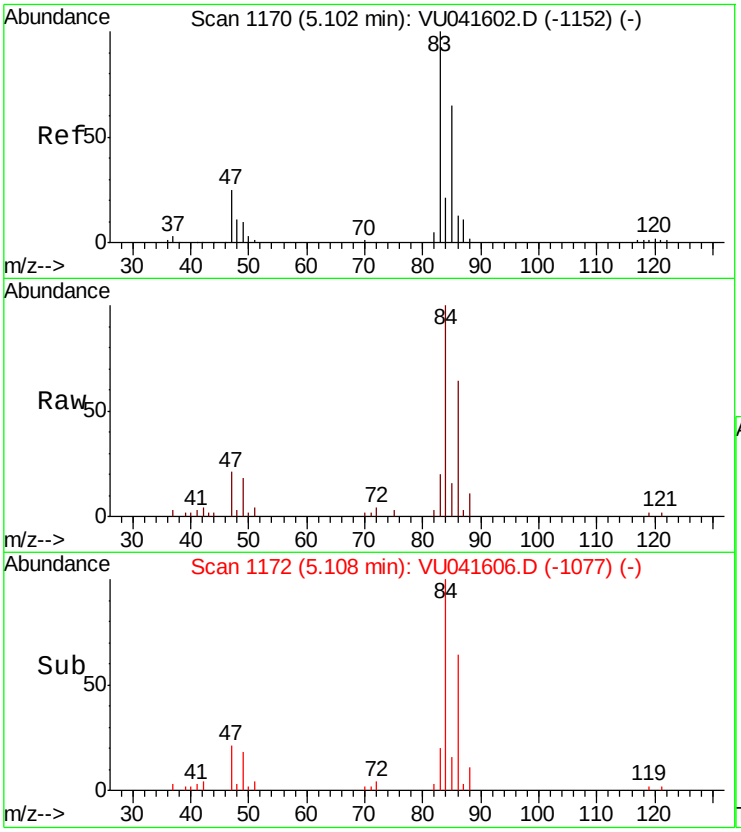




#21
2-Butanone
Concen: 0.872 ug/L
RT: 4.66 min Scan# 1032
Delta R.T. -0.07 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

Tgt Ion: 43 Resp: 2733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.9 | 14.6 | 44.0 |



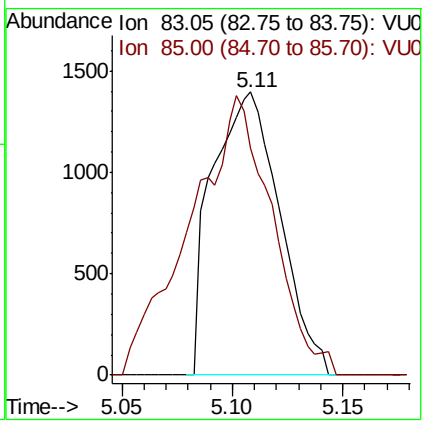


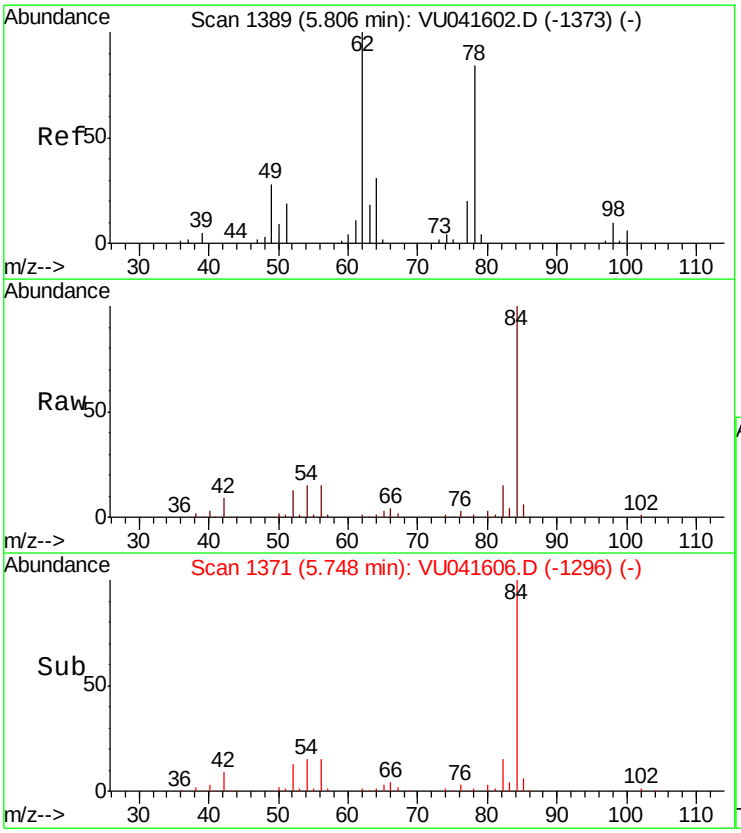

#25
Chloroform
Concen: 0.166 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

**Instrument :** MSVOA_U
**ClientSampleId :** C0B00

Tgt Ion: 83 Resp: 2959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 80.4 | 44.2 | 82.0 |

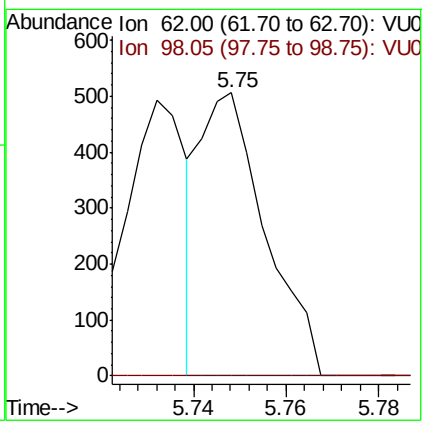


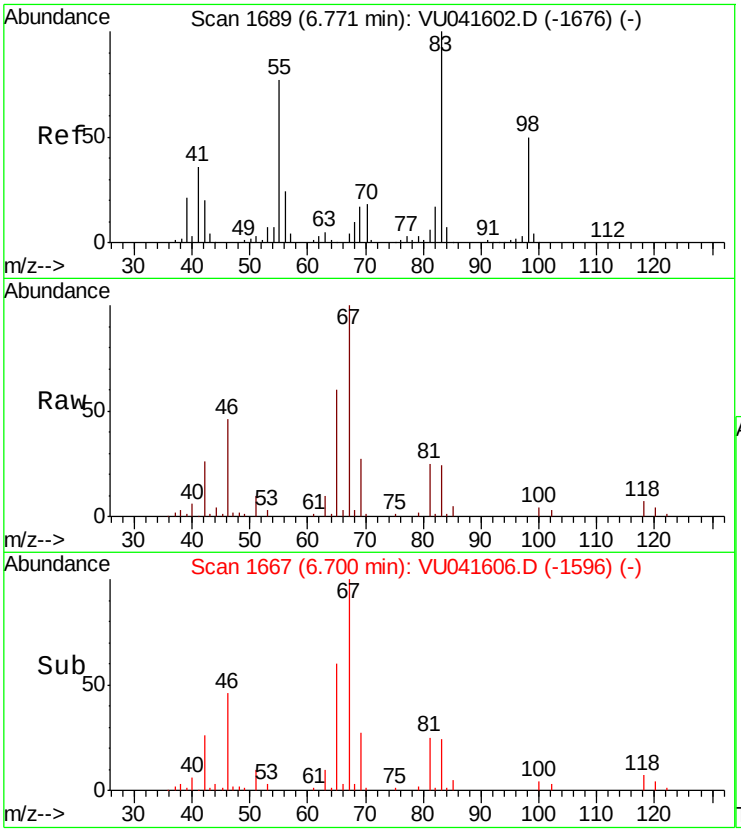




#27
1,2-Dichloroethane
Concen: 0.041 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

Tgt Ion: 62 Resp: 491

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



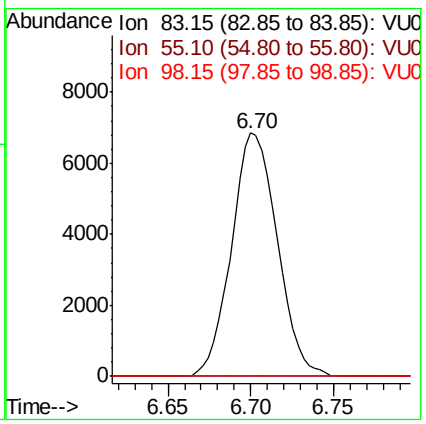


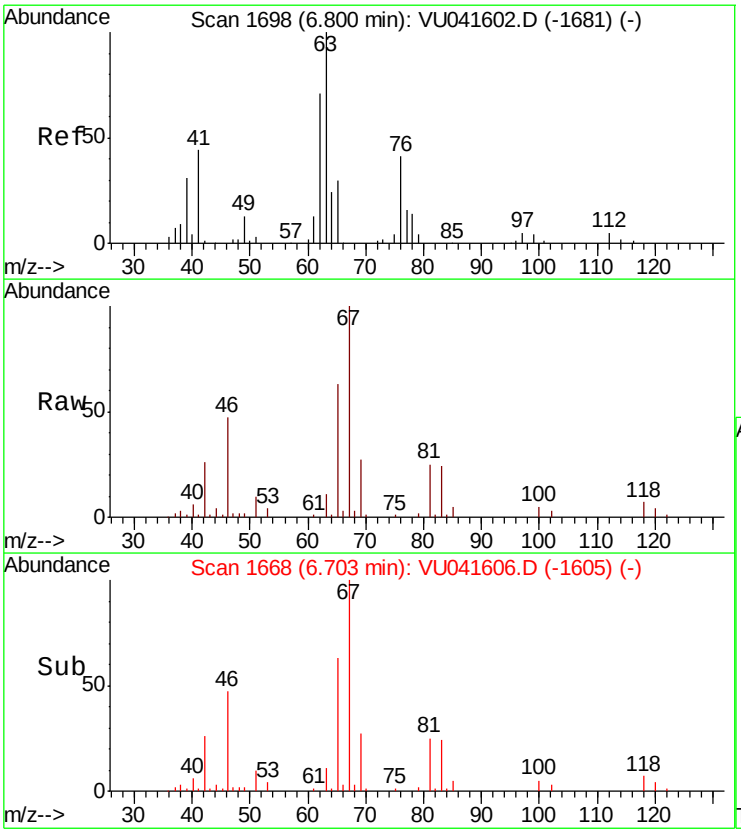

#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

**Instrument :** MSVOA_U
**ClientSampleId :** C0B00

Tgt Ion: 83 Resp: 13163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 61.2 | 91.8# |
| 98 | 0.6 | 36.6 | 54.8# |

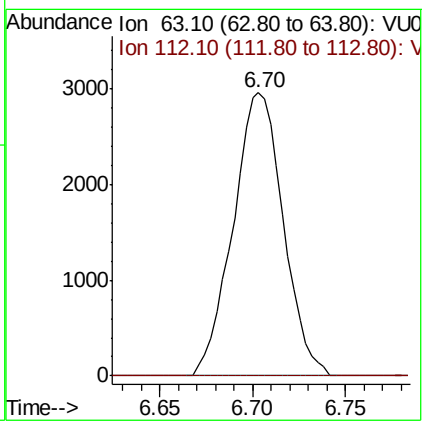


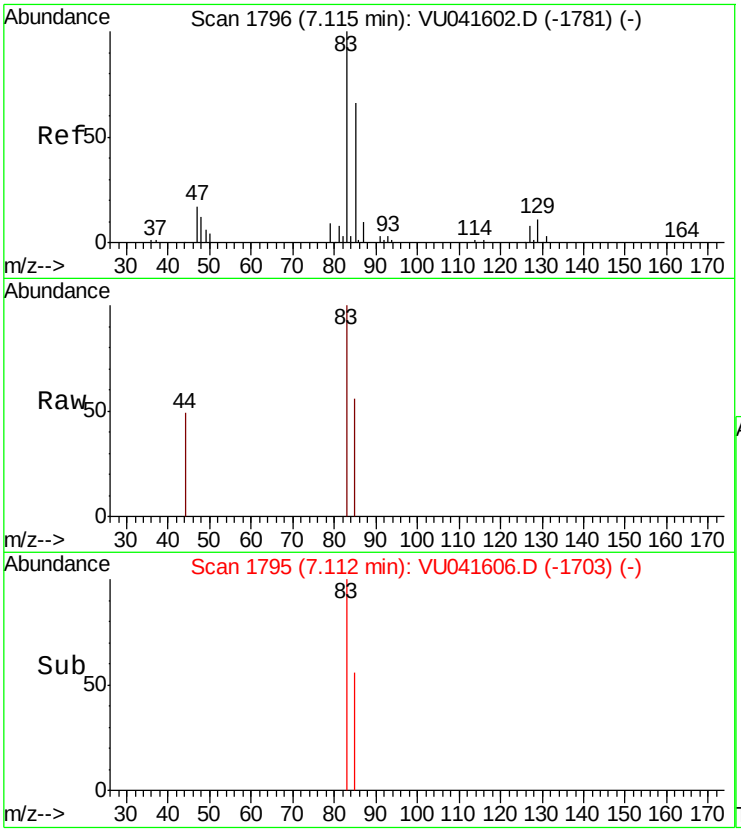




#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

Tgt Ion: 63 Resp: 5575

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



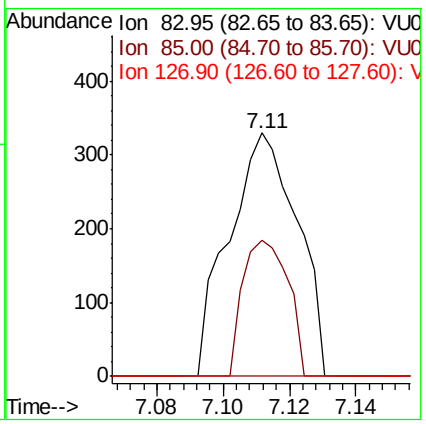


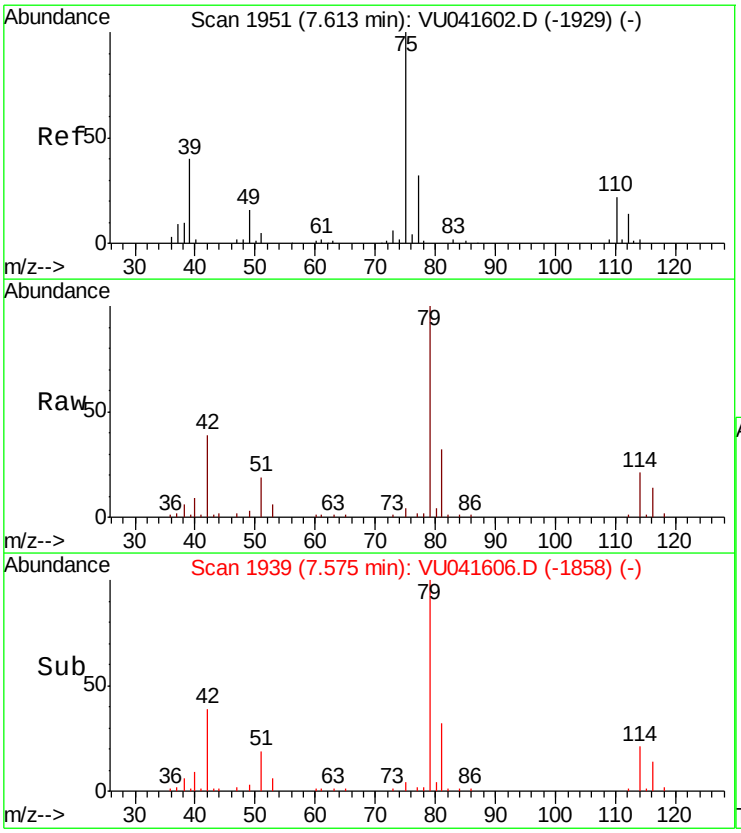

#38
Bromodichloromethane
Concen: 0.035 ug/L
RT: 7.11 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0B00

Tgt Ion: 83 Resp: 473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 56.1 | 45.5 | 84.5 |
| 127 | 0.0 | 7.0 | 10.6# |

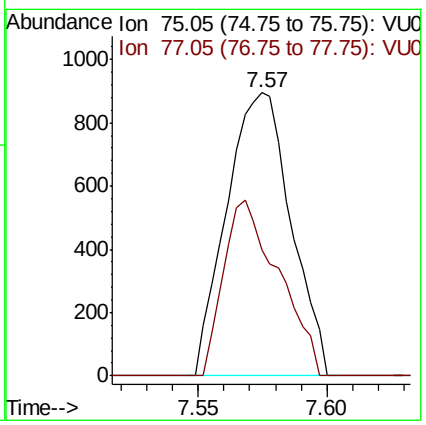


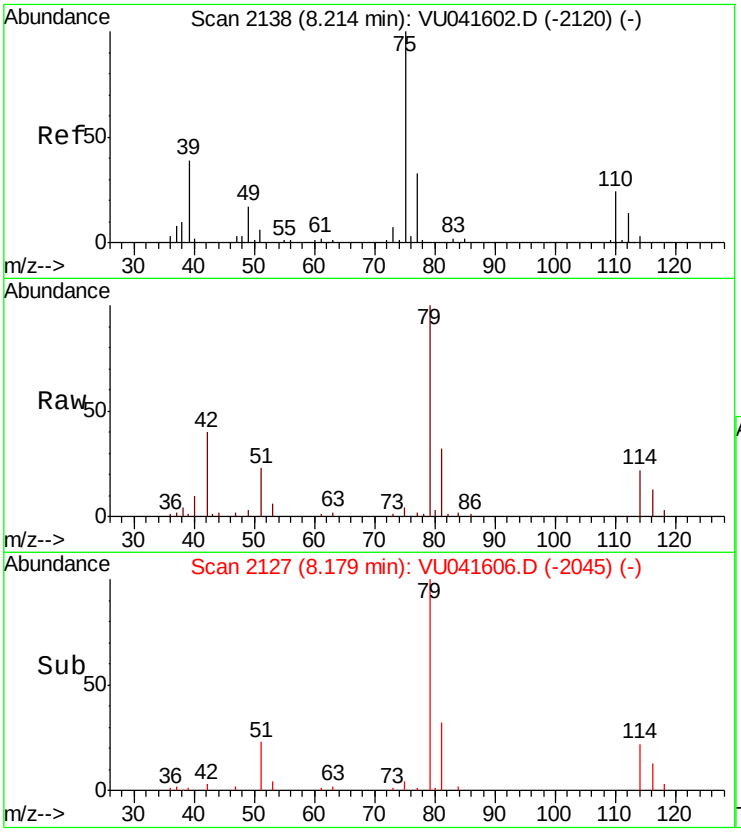




#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

Tgt Ion: 75 Resp: 1552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.6 | 22.3 | 41.3# |



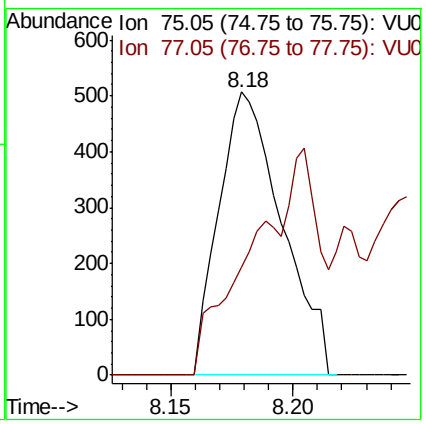


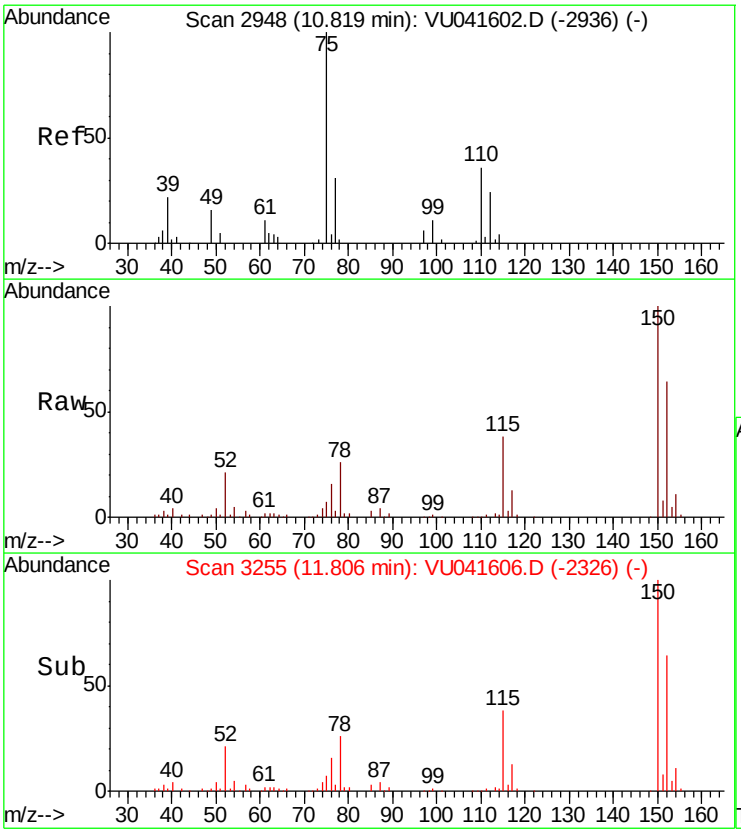

#44
trans-1,3-Dichloropropene
Concen: 0.064 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0B00

Tgt Ion: 75 Resp: 911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.1 | 23.8 | 44.2 |




#59
1,2,3-Trichloropropane
Concen: 0.976 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041606.D
Acq: 14 Dec 2020 12:33

Tgt Ion: 75 Resp: 7864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 26.2 | 39.2 |