Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\

Quantitation Report (Not Reviewed)

Data File : VU036744.D
Acq On : 12 Feb 2020 12:04
Operator : JC/MD
Sample : L1487-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** DBCT4

Quant Time: Feb 13 01:02:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 126273 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 116866 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 46294 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 48807 | 4.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 89.80% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 43682 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 92.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 63318 | 3.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 69.80% | | | |
| 20) 2-Butanone-d5 | 4.67 | 46 | 96090 | 42.20 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 84.40% | | | |
| 24) Chloroform-d | 5.11 | 84 | 68101 | 4.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 81.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 42774 | 4.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 89.20% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 168467 | 4.74 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.73 | 67 | 53272 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 94.60% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 151248 | 4.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.40% | | | |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 19481 | 4.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 88.80% | | | |
| 46) 2-Hexanone-d5 | 8.66 | 63 | 91173 | 45.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 91.10% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78 | 84 | 39464 | 4.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 88.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.21 | 152 | 45063 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 97.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.59 | 96 | 470 | 0.061 | ug/L # | 1 |
| 13) Acetone | 2.66 | 43 | 3944 | 1.354 | ug/L | 99 |
| 16) Methylene chloride | 3.08 | 84 | 3106 | 0.240 | ug/L | 92 |
| 25) Chloroform | 5.13 | 83 | 10738 | 0.605 | ug/L | 98 |
| 35) Methylcyclohexane | 6.73 | 83 | 11867 | 0.815 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.72 | 63 | 5615 | 0.570 | ug/L # | 89 |
| 38) Bromodichloromethane | 7.14 | 83 | 1139 | 0.097 | ug/L # | 95 |
| 39) cis-1,3-Dichloropropene | 7.60 | 75 | 1390 | 0.098 | ug/L # | 47 |
| 48) 2-Hexanone | 8.66 | 43 | 11848 | 2.180 | ug/L # | 66 |
| 49) Dibromochloromethane | 8.84 | 129 | 1094 | 0.154 | ug/L | 85 |
| 59) 1,2,3-Trichloropropane | 11.83 | 75 | 7035 | 1.083 | ug/L | 92 |
| 61) Bromoform | 10.31 | 173 | 495 | 0.155 | ug/L # | 87 |

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

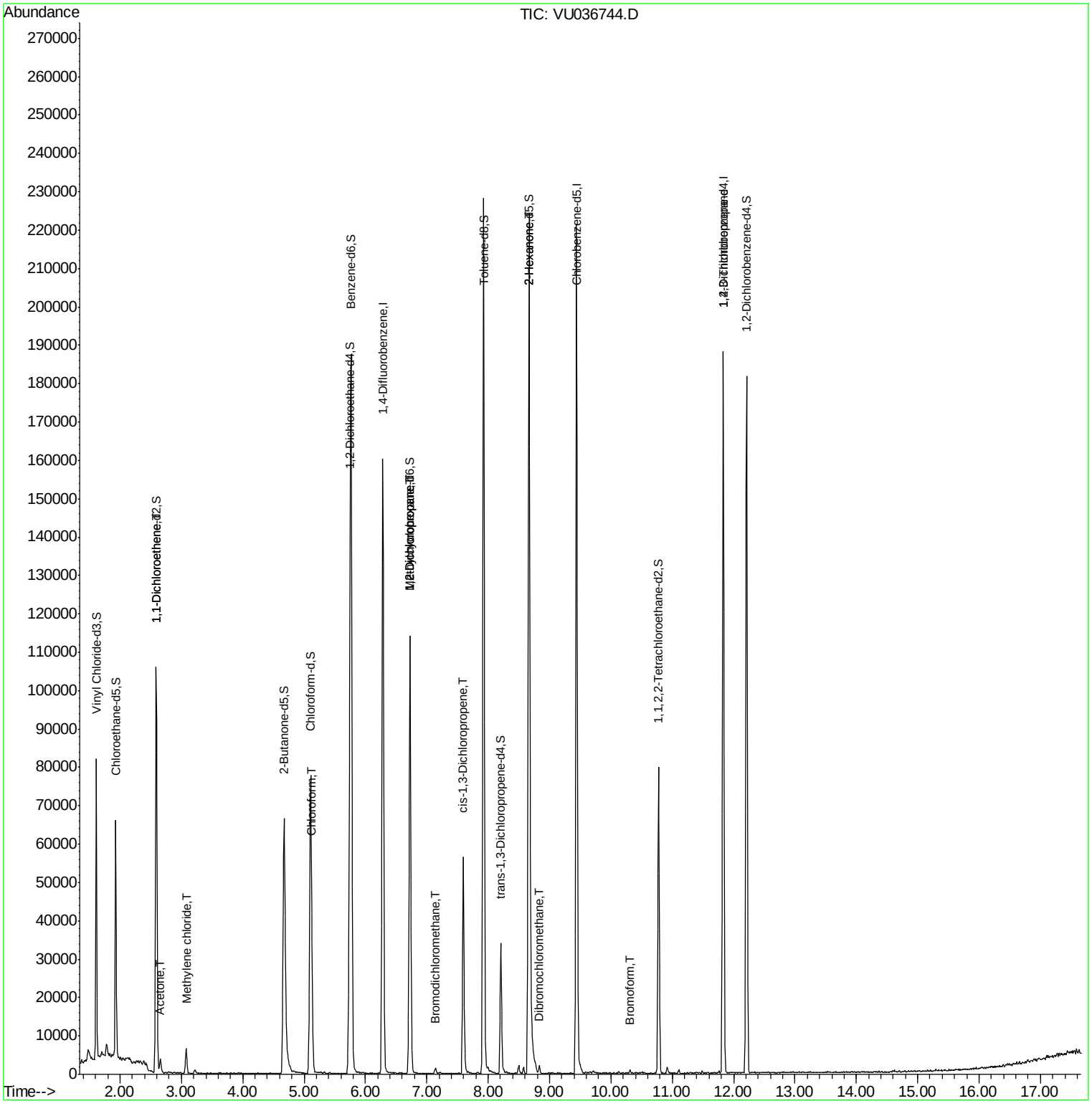
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\

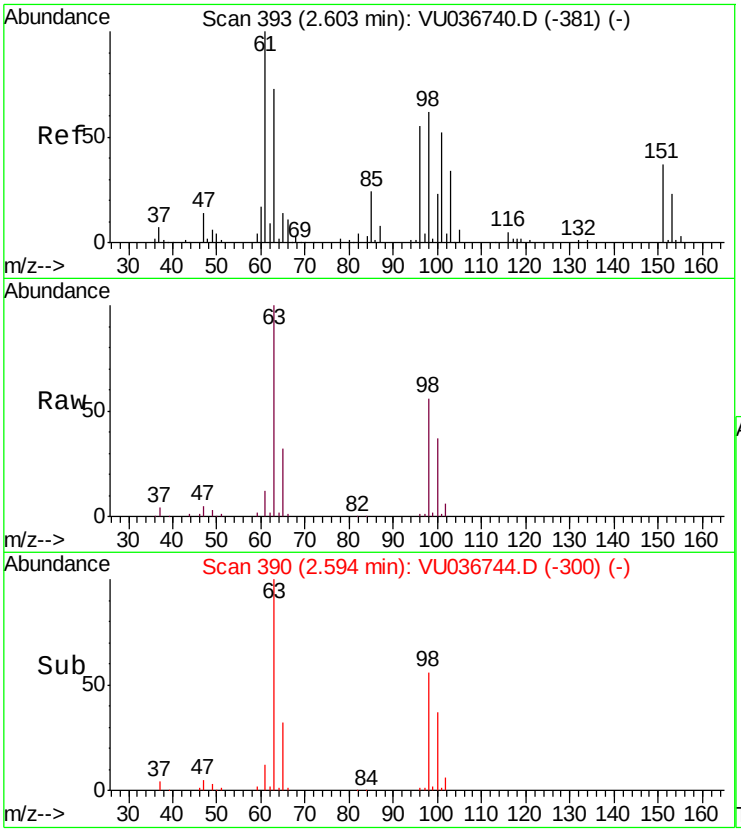
Quantitation Report (Not Reviewed)

Data File : VU036744.D
Acq On : 12 Feb 2020 12:04
Operator : JC/MD
Sample : L1487-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBCT4

Quant Time: Feb 13 01:02:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration



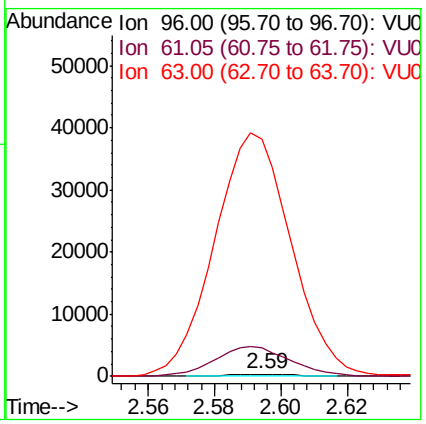


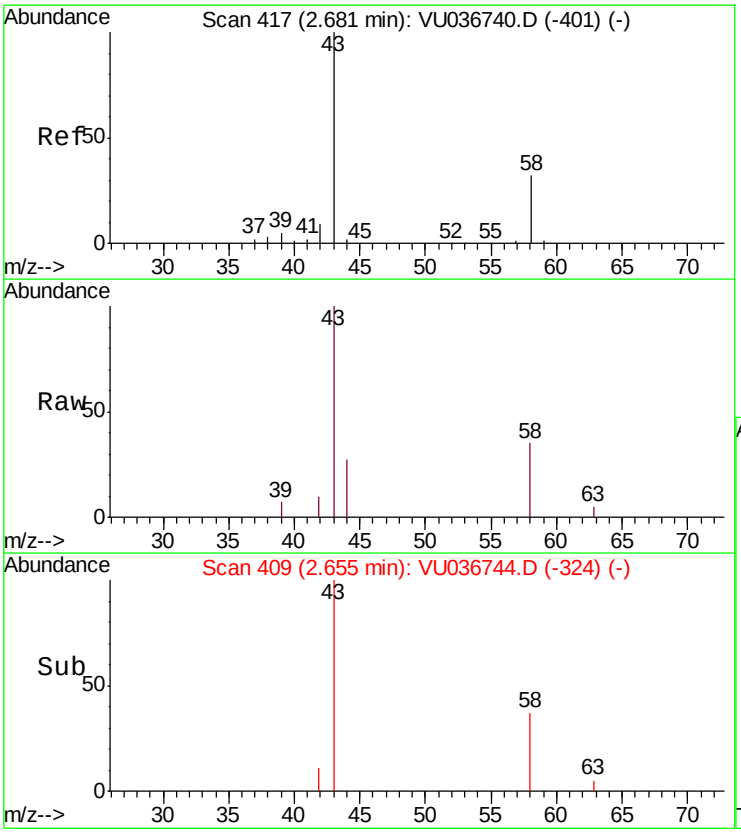

#12
1,1-Dichloroethene
Concen: 0.061 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

**Instrument :** MSVOA_U
**ClientSampleId :** DBCT4

Tgt Ion: 96 Resp: 470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1476.9 | 126.4 | 234.8# |
| 63 | 12419.5 | 89.5 | 166.3# |

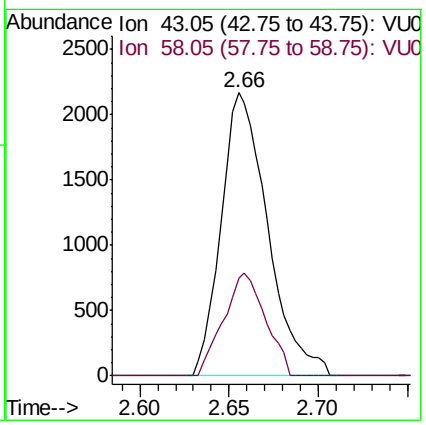


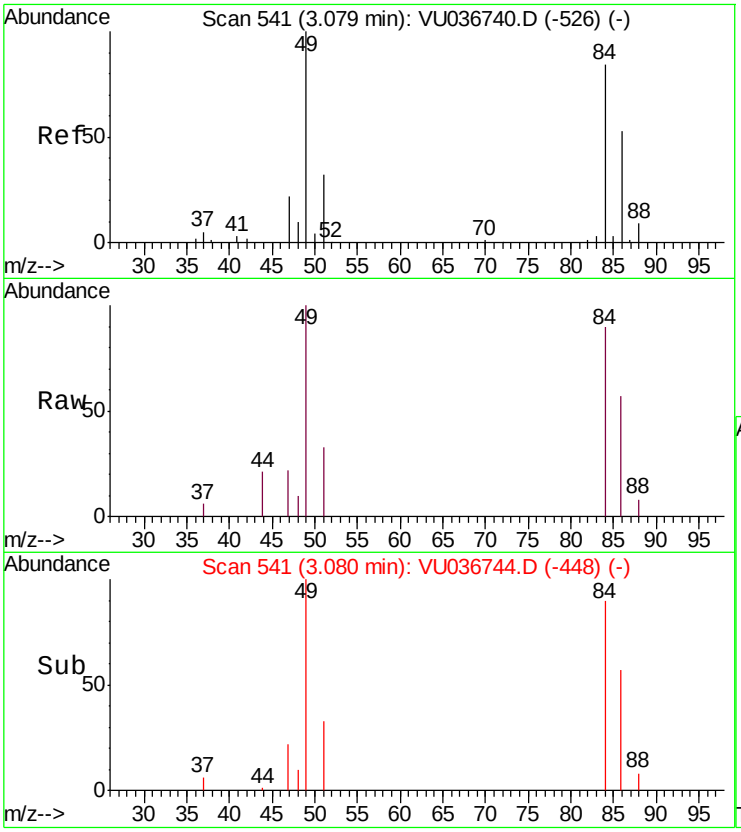




#13
Acetone
Concen: 1.354 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.03 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

Tgt Ion: 43 Resp: 3944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.7 | 0.0 | 64.2 |



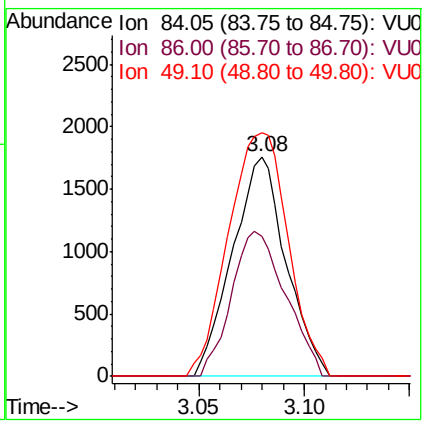


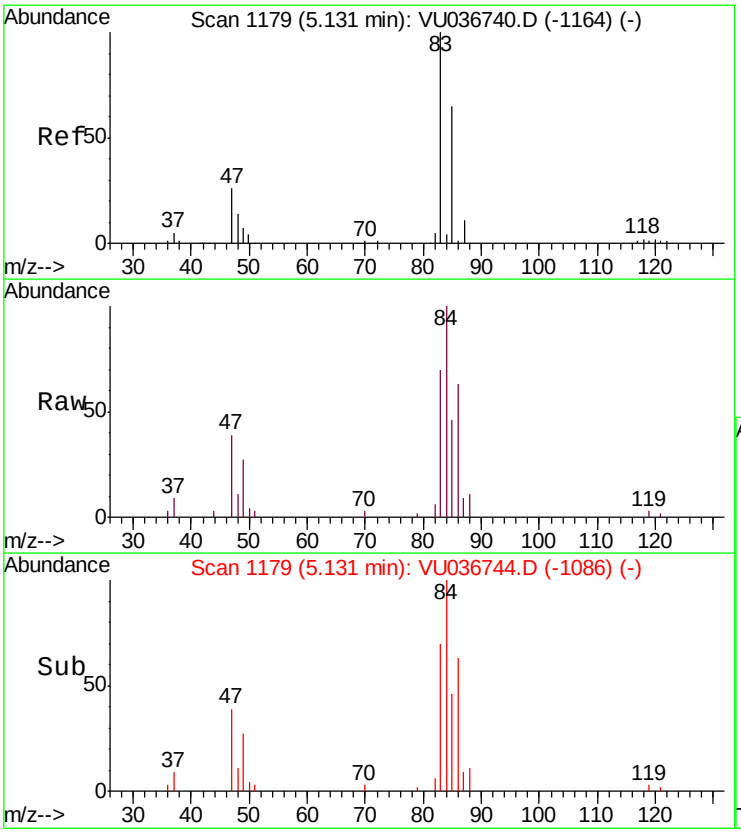

#16
Methylene chloride
Concen: 0.240 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBCT4

Tgt Ion: 84 Resp: 3106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 63.5 | 44.7 | 82.9 |
| 49 | 110.9 | 86.7 | 160.9 |

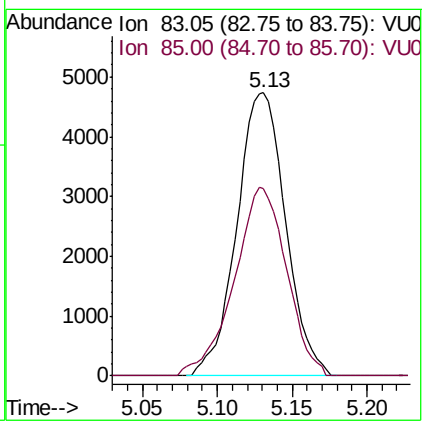


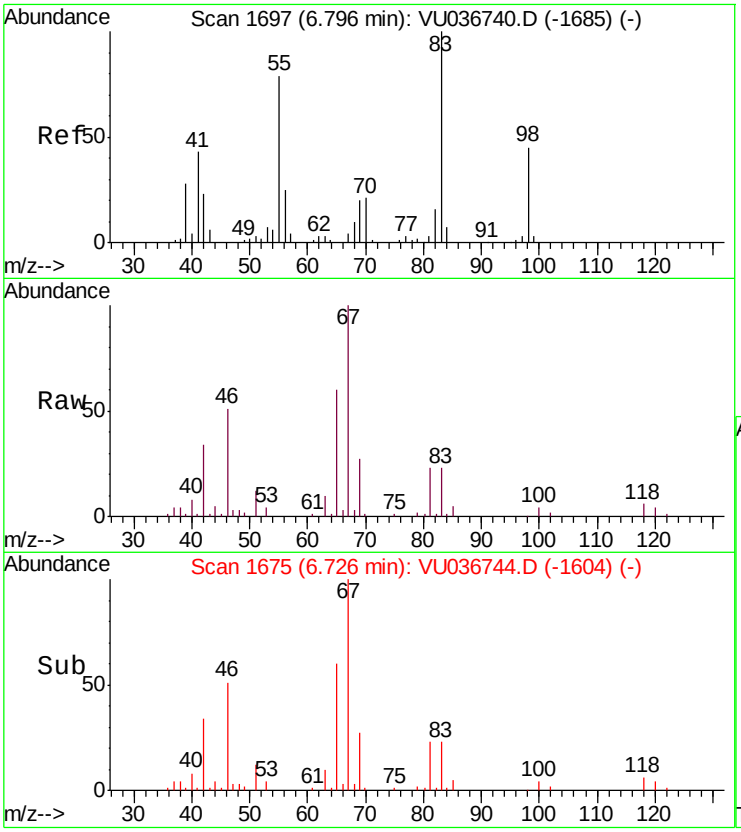




#25
Chloroform
Concen: 0.605 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

Tgt Ion: 83 Resp: 10738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.0 | 45.4 | 84.2 |



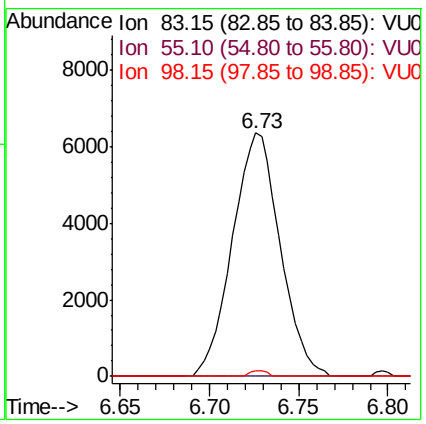


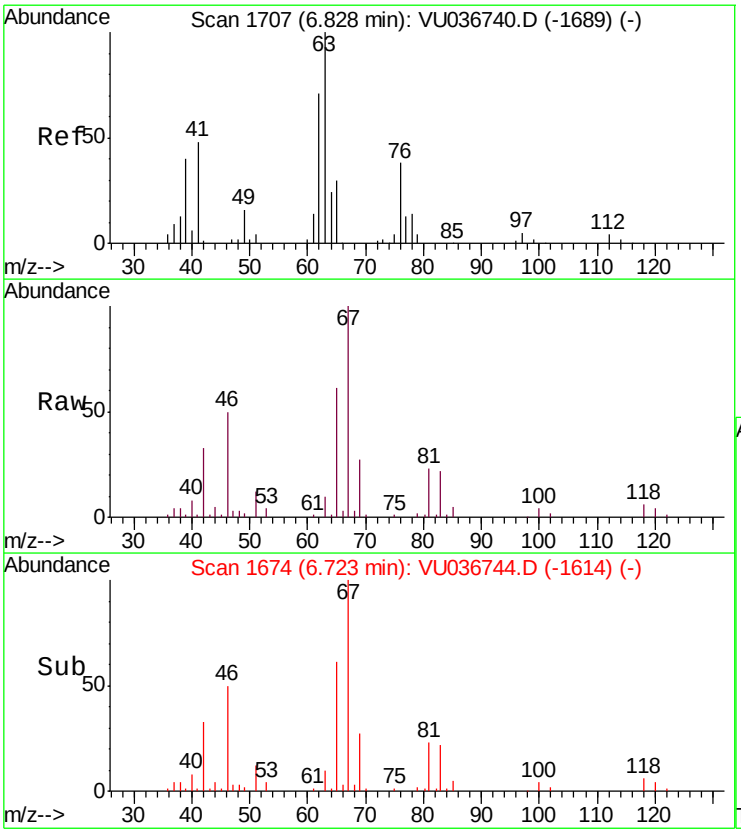

#35
Methylcyclohexane
Concen: 0.815 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

**Instrument :** MSVOA_U
**ClientSampleId :** DBCT4

Tgt Ion: 83 Resp: 11867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 61.0 | 91.4# |
| 98 | 0.8 | 34.2 | 51.4# |

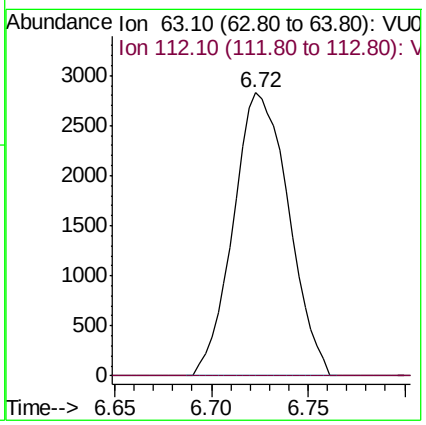


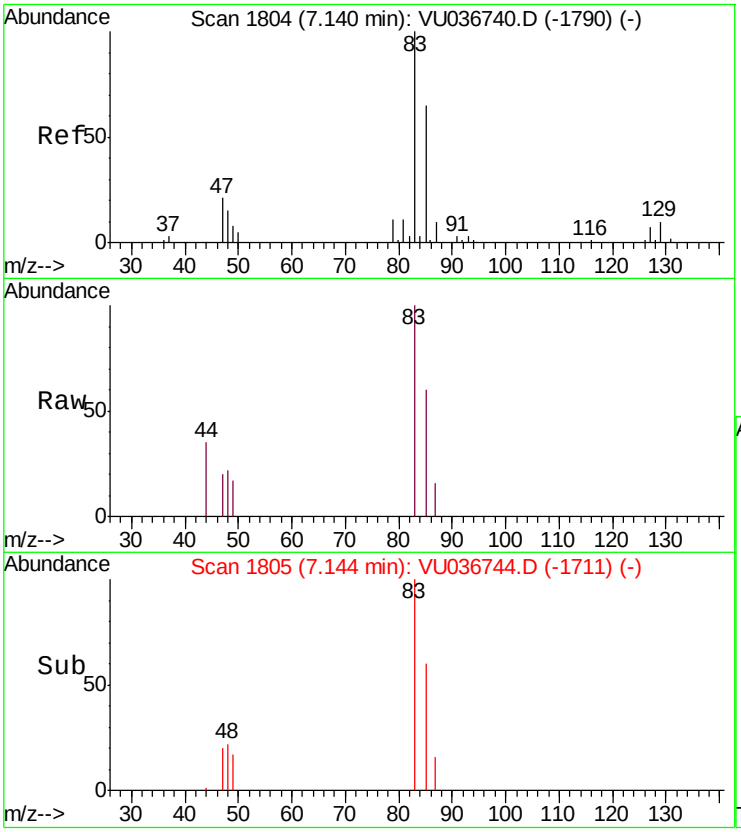




#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.11 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

Tgt Ion: 63 Resp: 5615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.0 | 4.4# |



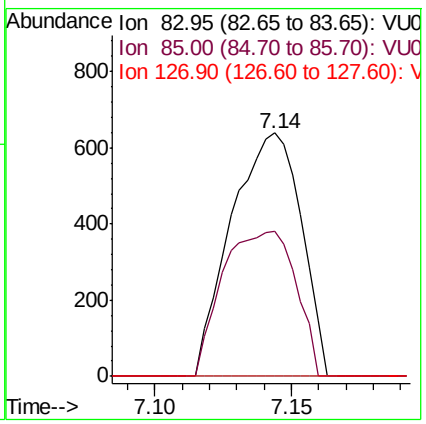


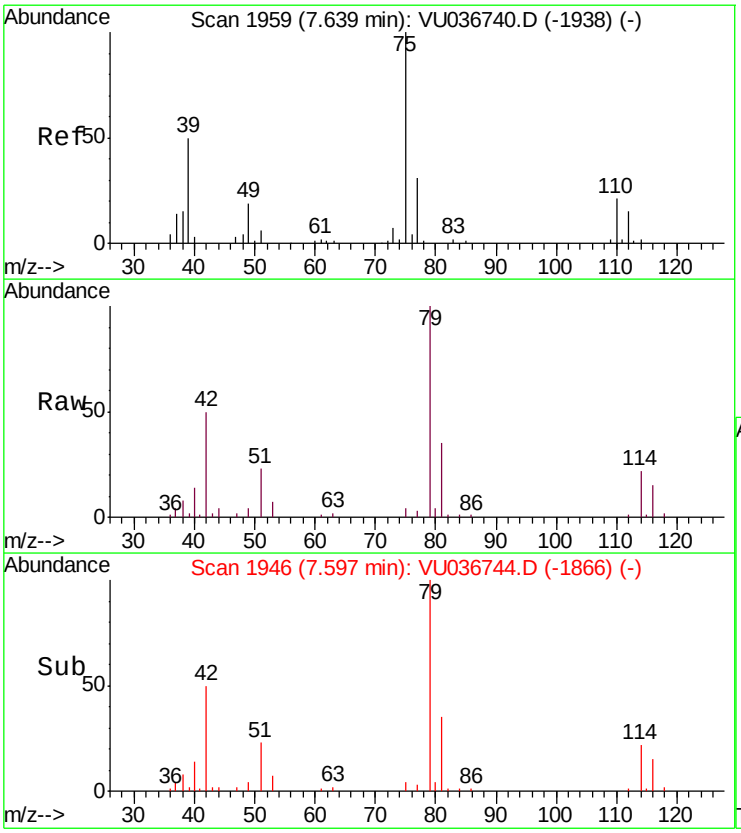

#38
Bromodichloromethane
Concen: 0.097 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

**Instrument :** MSVOA_U
**ClientSampleId :** DBCT4

Tgt Ion: 83 Resp: 1139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 59.8 | 43.0 | 80.0 |
| 127 | 0.0 | 6.3 | 9.5# |

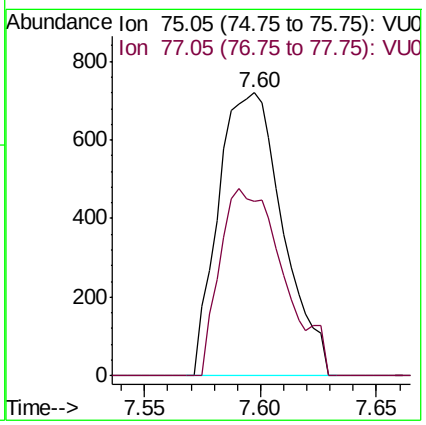


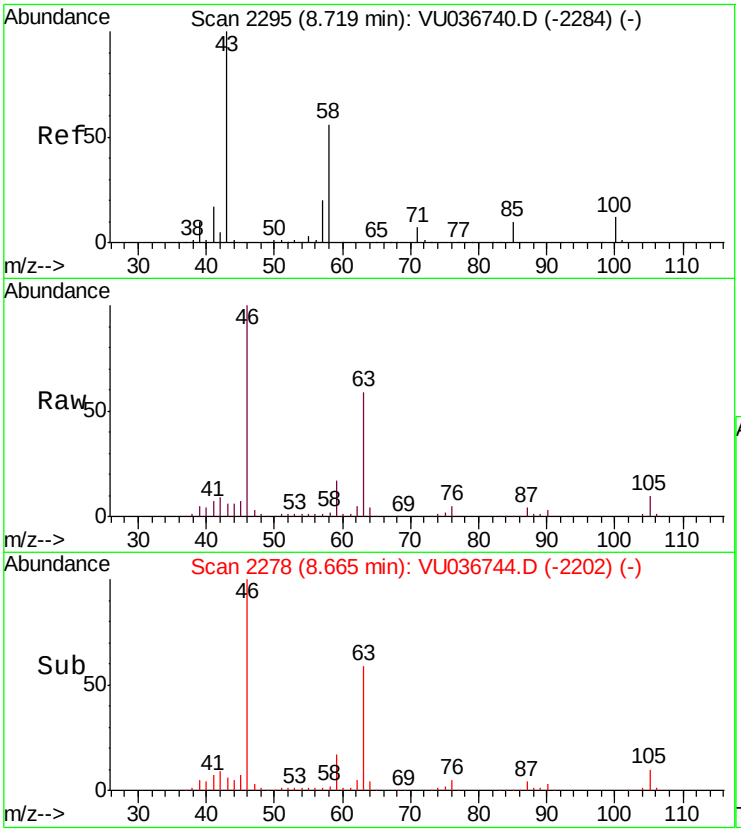




#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.04 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

Tgt Ion: 75 Resp: 1390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 61.7 | 22.5 | 41.9# |



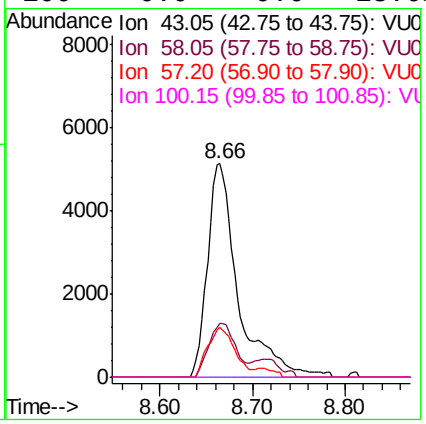


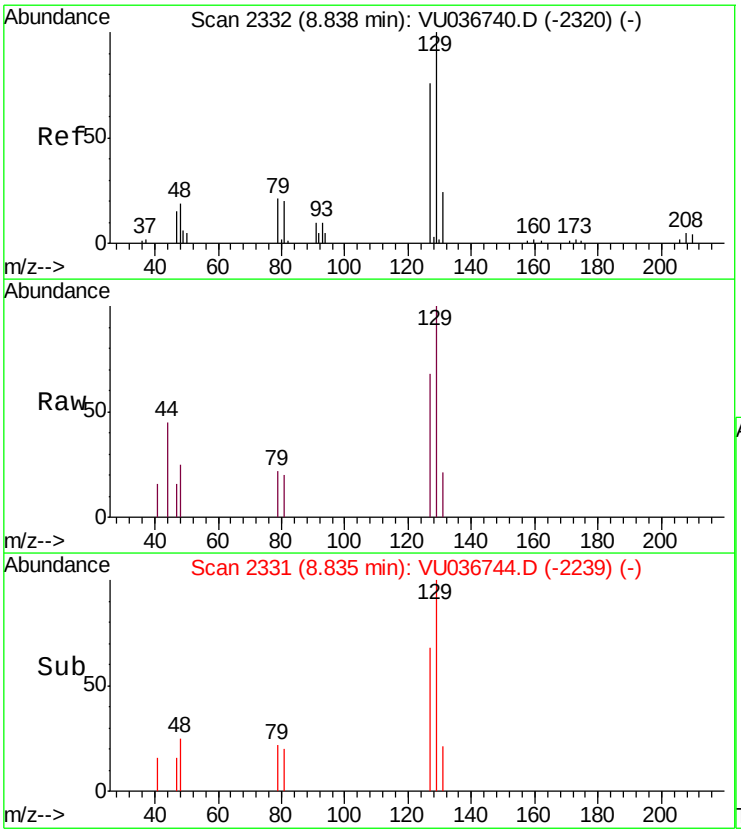

#48
2-Hexanone
Concen: 2.180 ug/L
RT: 8.66 min Scan# 2278
Delta R.T. -0.05 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

**Instrument :** MSVOA_U
**ClientSampleId :** DBCT4

Tgt Ion: 43 Resp: 11848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.5 | 43.6 | 65.4# |
| 57 | 20.6 | 15.0 | 22.4 |
| 100 | 0.0 | 9.0 | 13.6# |

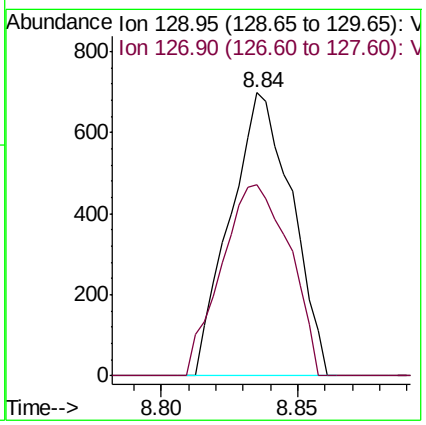


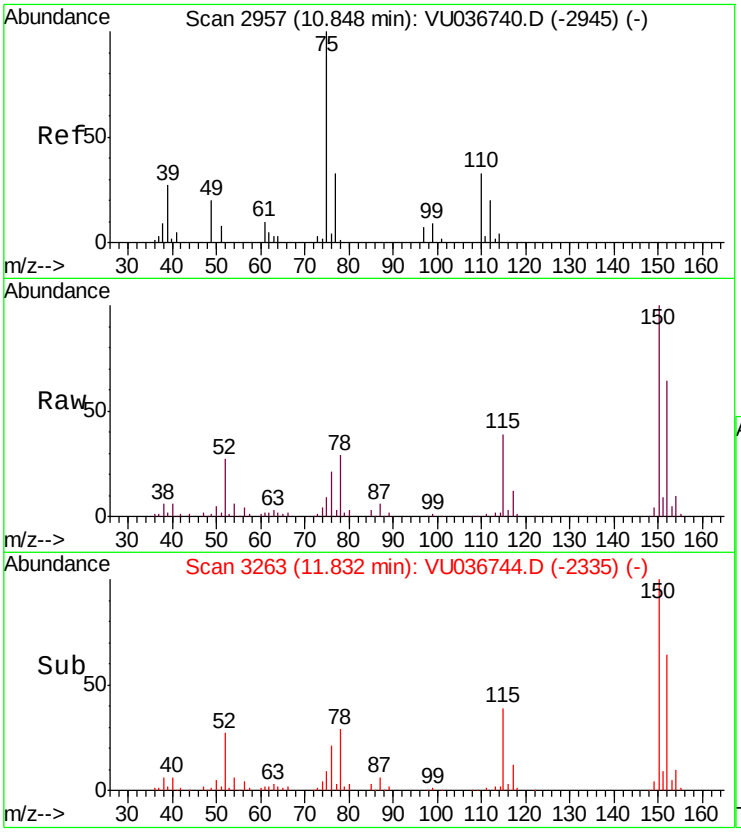




#49
Dibromochloromethane
Concen: 0.154 ug/L
RT: 8.84 min Scan# 2331
Delta R.T. -0.00 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

Tgt Ion:129 Resp: 1094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 67.8 | 56.7 | 105.3 |



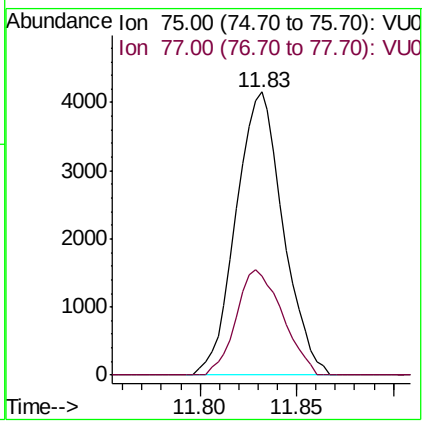


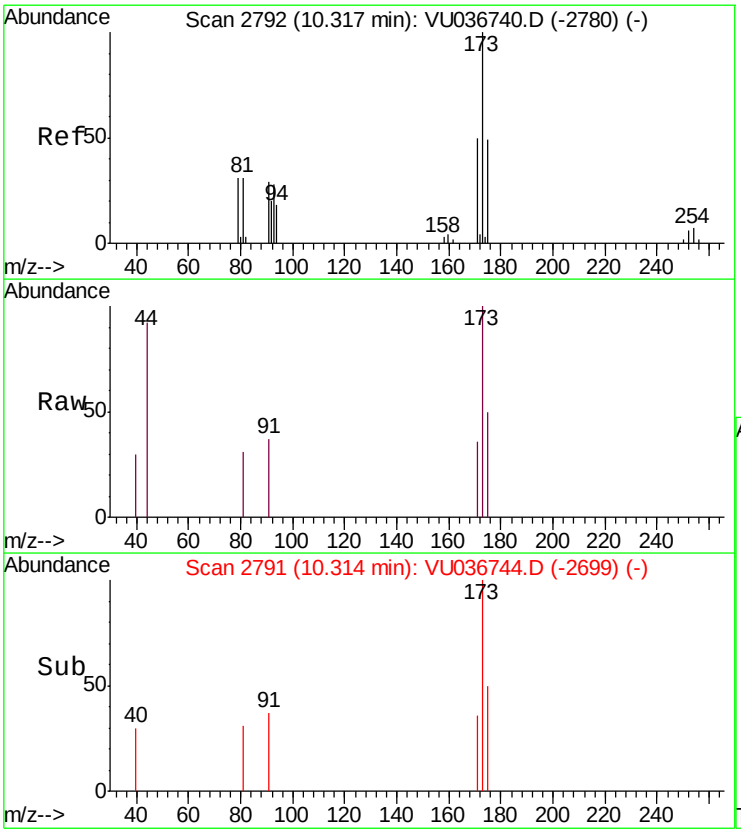

#59
1,2,3-Trichloropropane
Concen: 1.083 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.98 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBCT4

Tgt Ion: 75 Resp: 7035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.3 | 25.6 | 38.4 |




#61
Bromoform
Concen: 0.155 ug/L
RT: 10.31 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VU036744.D
Acq: 12 Feb 2020 12:04

Tgt Ion:173 Resp: 495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 41.0 | 39.9 | 59.9 |
| 254 | 0.0 | 4.6 | 6.8# |