Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU051118\
Data File : VU023797.D
Acq On : 11 May 2018 13:37
Operator : MD/SY
Sample : J2816-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 02:08:46 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR051018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 12 02:07:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 135409 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 136586 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 62010 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 58626 | 5.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 108.60% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 47603 | 5.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 119.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 90156 | 4.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 95.20% | | | |
| 20) 2-Butanone-d5 | 4.19 | 46 | 125804 | 50.00 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 100.00% | | | |
| 24) Chloroform-d | 4.65 | 84 | 87809 | 5.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.32 | 65 | 47944 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.80% | | | |
| 32) Benzene-d6 | 5.35 | 84 | 184234 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.34 | 67 | 61437 | 5.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.00% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 152073 | 4.40 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.86 | 79 | 18838 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 92.60% | | | |
| 46) 2-Hexanone-d5 | 8.32 | 63 | 93440 | 50.47 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 100.94% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44 | 84 | 44449 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 100.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.87 | 152 | 62708 | 5.28 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 105.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 1.89 | 101 | 6027 | 0.38 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.29 | 96 | 16680 | 1.88 | ug/L # | 28 |
| 13) Acetone | 2.33 | 43 | 9795 | 5.68 | ug/L | 96 |
| 19) 1,1-Dichloroethane | 3.45 | 63 | 7632 | 0.39 | ug/L | 91 |
| 22) cis-1,2-Dichloroethene | 4.23 | 96 | 14185 | 1.29 | ug/L | 86 |
| 25) Chloroform | 4.68 | 83 | 5480 | 0.27 | ug/L | 99 |
| 29) 1,1,1-Trichloroethane | 4.92 | 97 | 15821 | 0.98 | ug/L | 98 |
| 34) Trichloroethene | 6.19 | 95 | 86621 | 7.82 | ug/L | 98 |
| 35) Methylcyclohexane | 6.34 | 83 | 13584 | 0.83 | ug/L # | 14 |
| 40) 4-Methyl-2-pentanone | 7.40 | 43 | 4085 | 0.64 | ug/L # | 45 |
| 48) 2-Hexanone | 8.39 | 43 | 1020 | 0.22 | ug/L # | 79 |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 7284 | 1.11 | ug/L # | 79 |

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

Quantitation Report (Not Reviewed)

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Acq On : 11 May 2018 13:37
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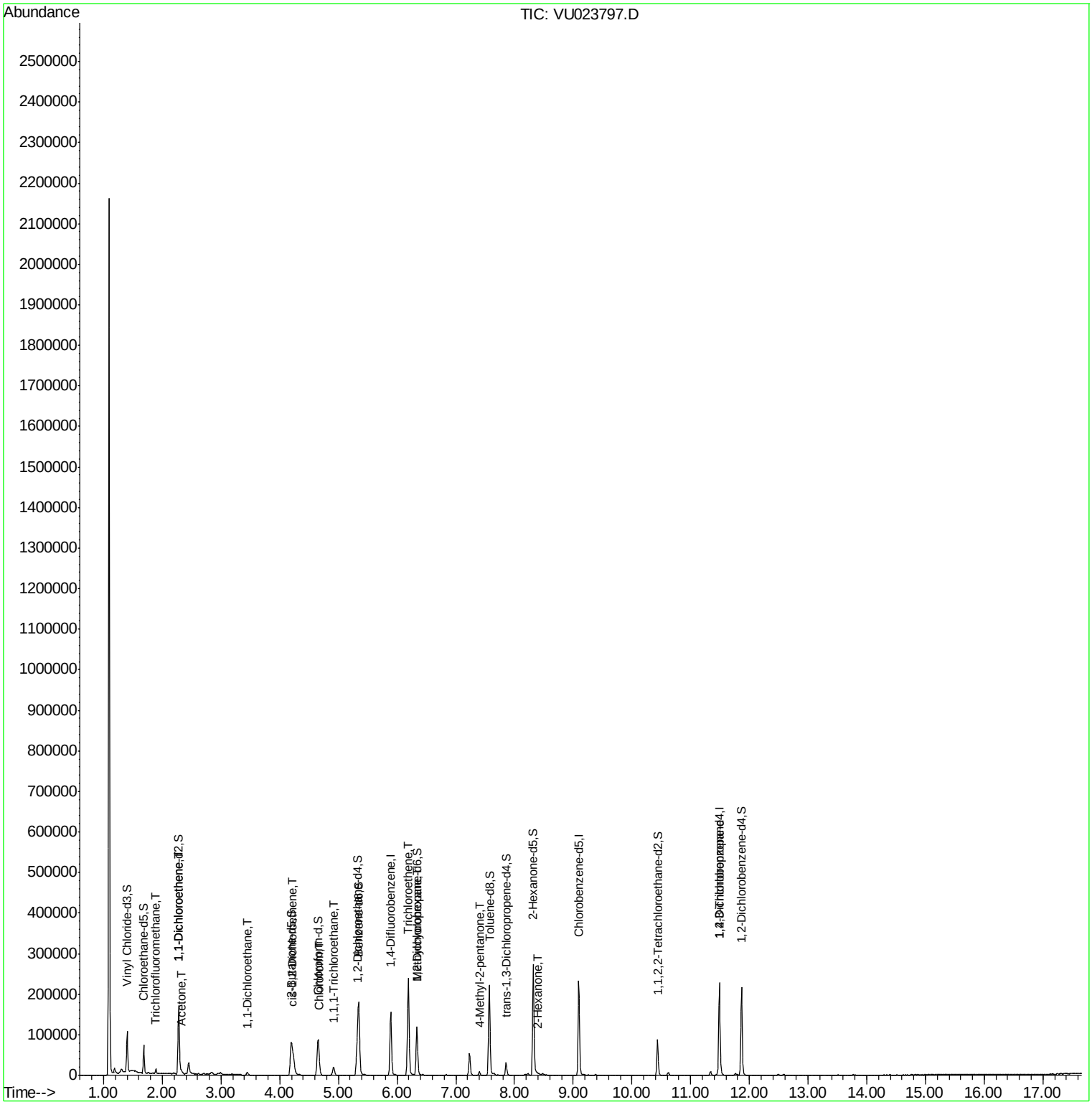
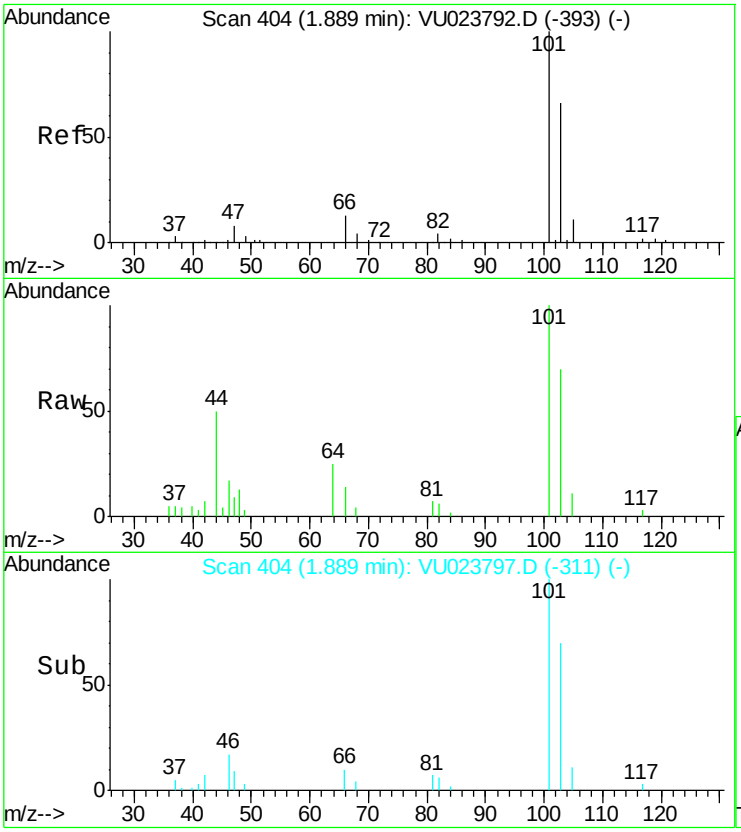
Sample : J2816-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 12 02:08:46 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR051018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 12 02:07:11 2018
Response via : Initial Calibration

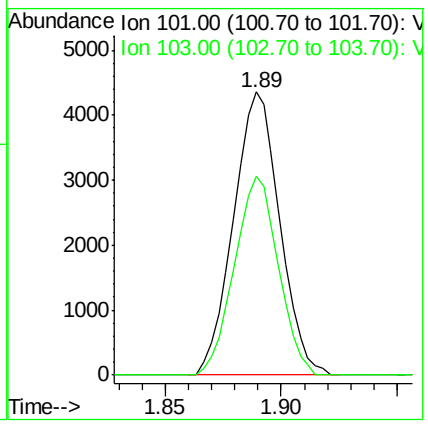


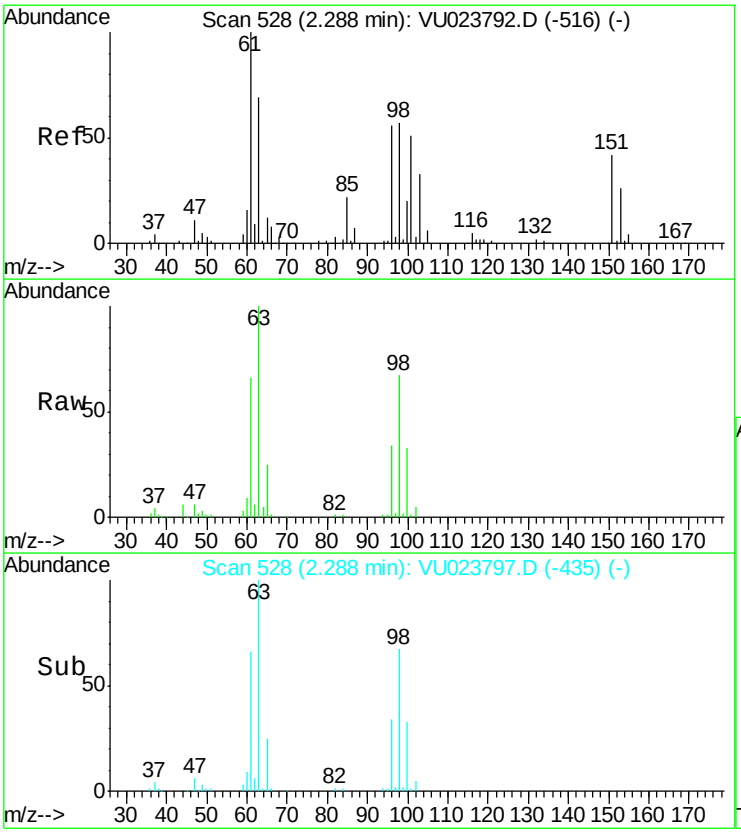



#9
Trichlorofluoromethane
Concen: 0.38 ug/L
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion:101 Resp: 6027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.5 | 51.9 | 77.9 |

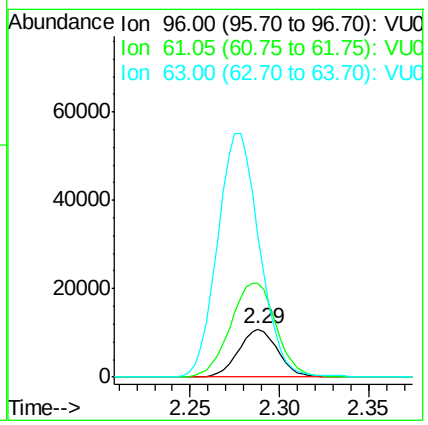


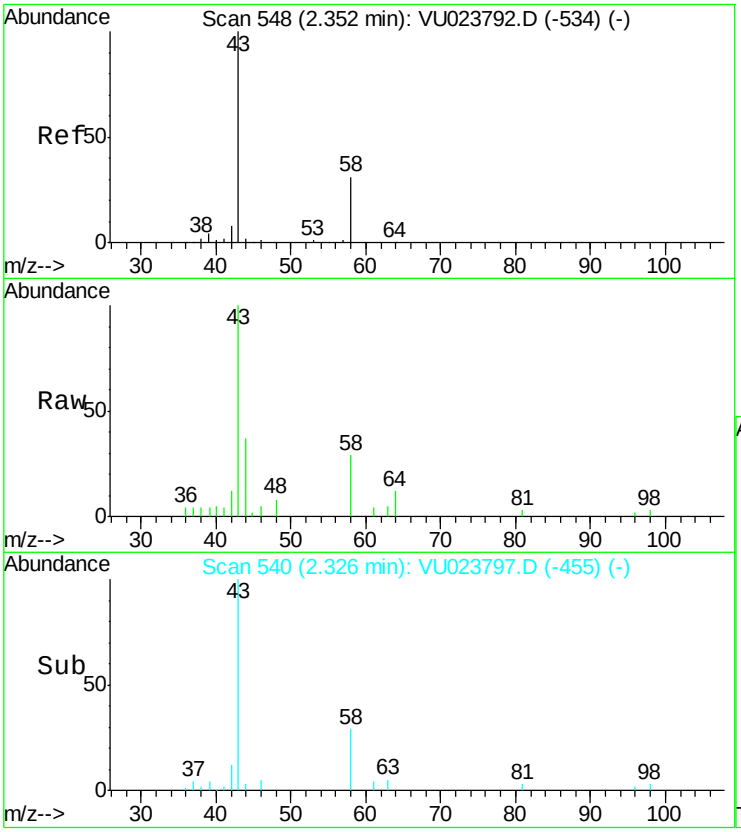




#12
1,1-Dichloroethene
Concen: 1.88 ug/L
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion: 96 Resp: 16680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 196.4 | 124.2 | 230.6 |
| 63 | 297.5 | 84.8 | 157.4# |

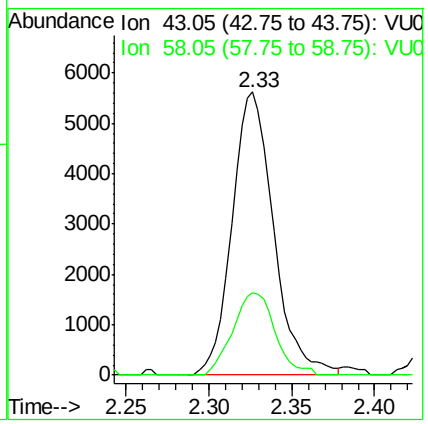


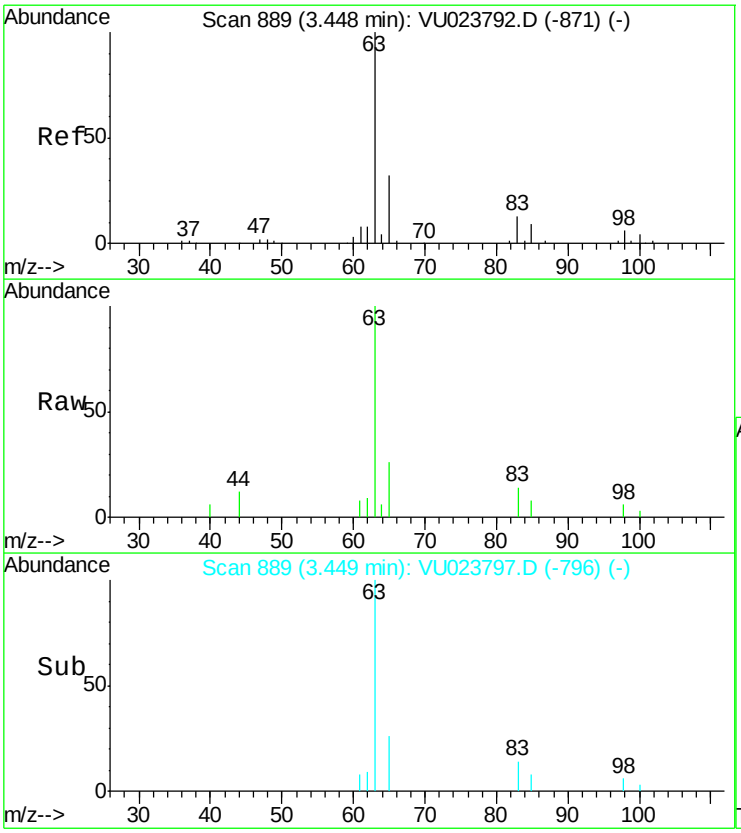



#13
Acetone
Concen: 5.68 ug/L
RT: 2.33 min Scan# 540
Delta R.T. -0.03 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion: 43 Resp: 9795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.5 | 0.0 | 64.0 |

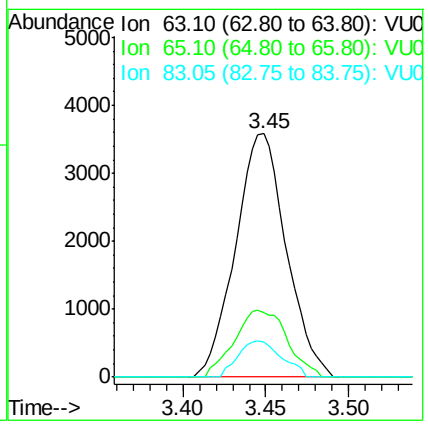


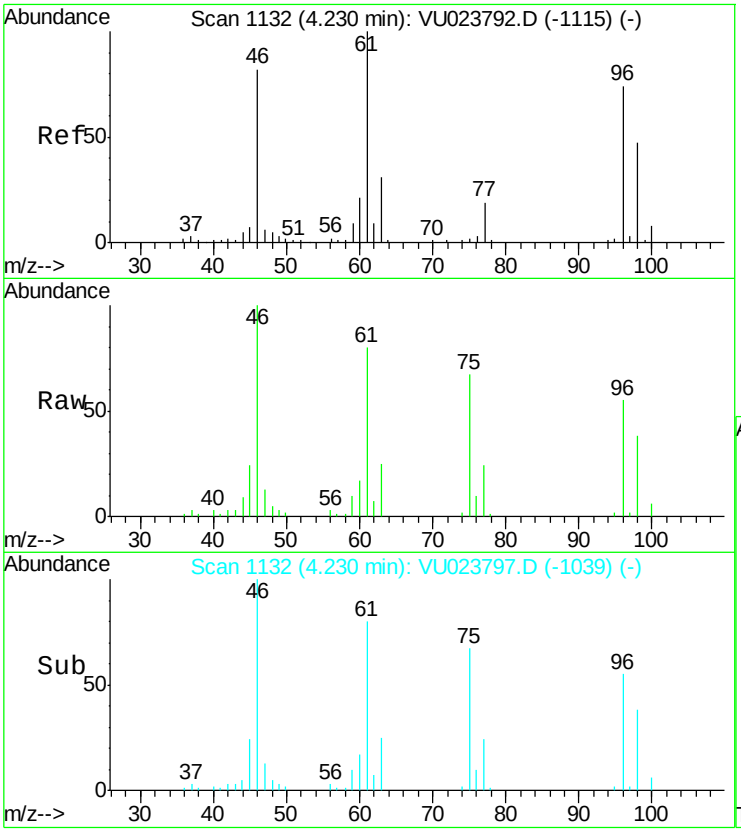




#19
1,1-Dichloroethane
Concen: 0.39 ug/L
RT: 3.45 min Scan# 889
Delta R.T. 0.00 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion: 63 Resp: 7632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 26.4 | 22.9 | 42.5 |
| 83 | 14.3 | 9.1 | 16.9 |

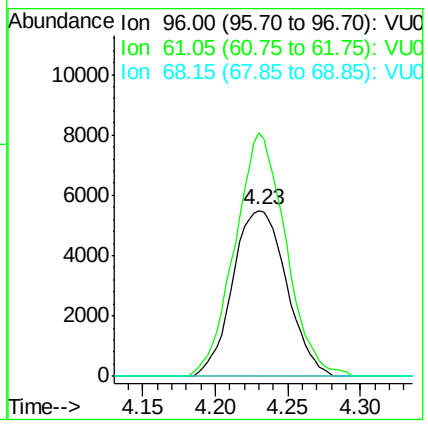


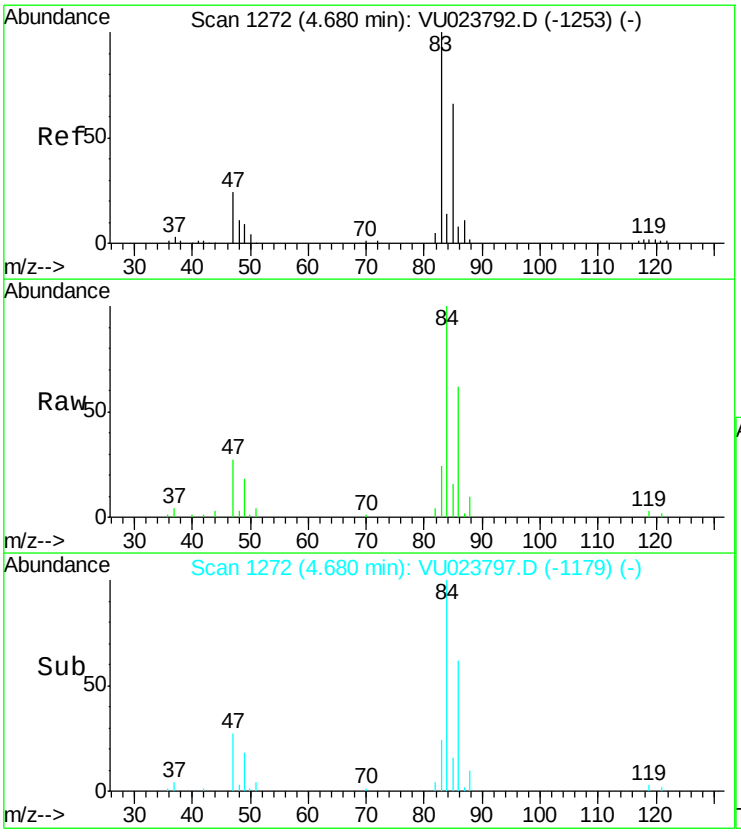



#22
cis-1,2-Dichloroethene
Concen: 1.29 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion: 96 Resp: 14185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 146.9 | 91.2 | 169.4 |
| 68 | 0.0 | 0.0 | 0.0 |

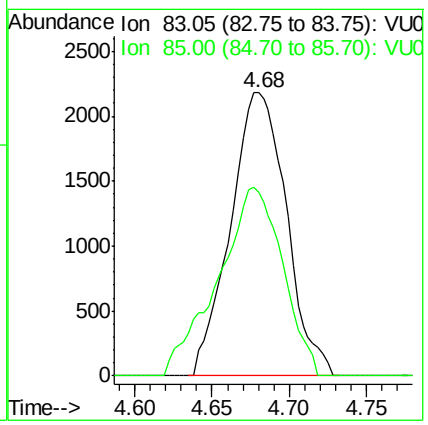


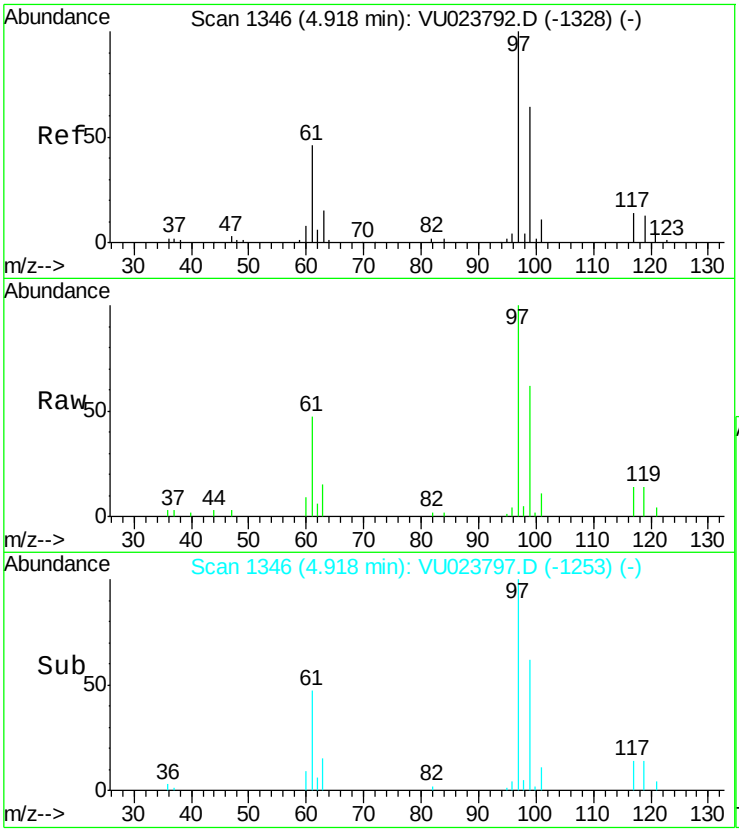




#25
Chloroform
Concen: 0.27 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion: 83 Resp: 5480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.8 | 44.7 | 82.9 |

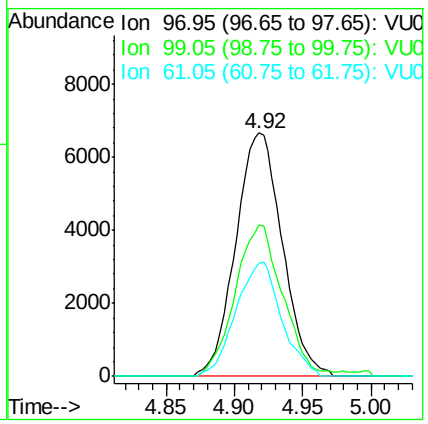


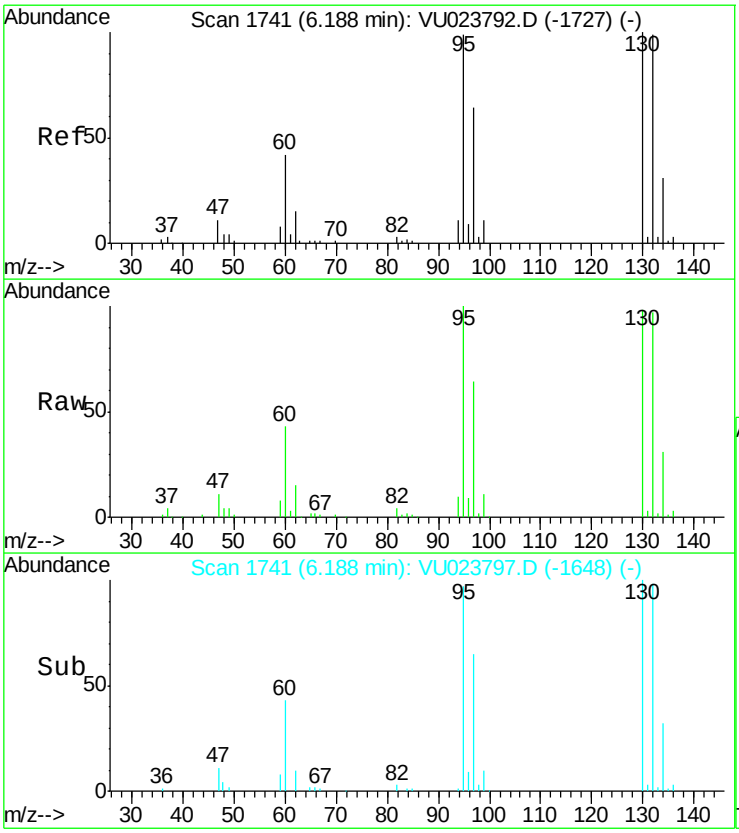



#29
1,1,1-Trichloroethane
Concen: 0.98 ug/L
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion: 97 Resp: 15821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.3 | 52.1 | 78.1 |
| 61 | 45.8 | 37.2 | 55.8 |

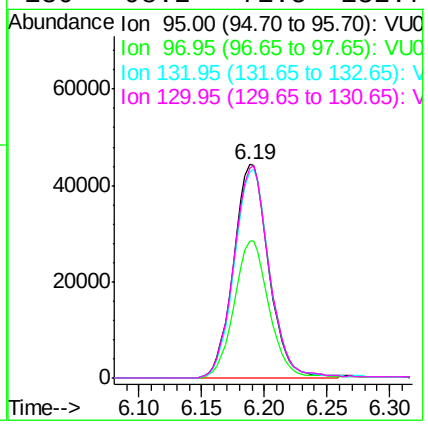


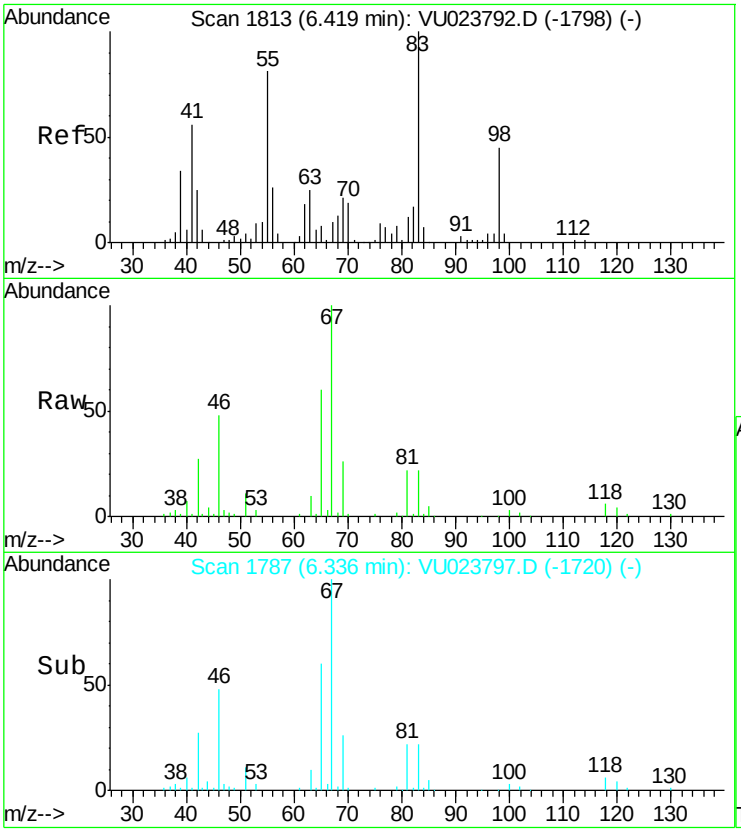




#34
Trichloroethene
Concen: 7.82 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion: 95 Resp: 86621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 64.0 | 43.8 | 81.3 |
| 132 | 96.6 | 66.8 | 124.2 |
| 130 | 98.2 | 71.5 | 132.7 |

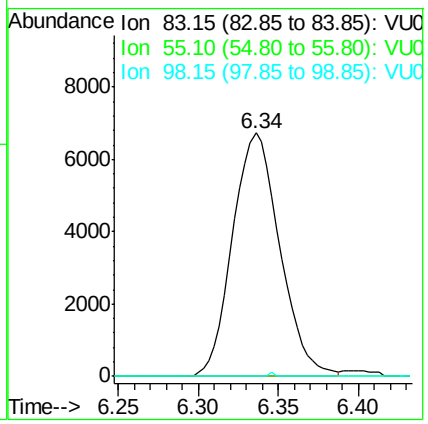


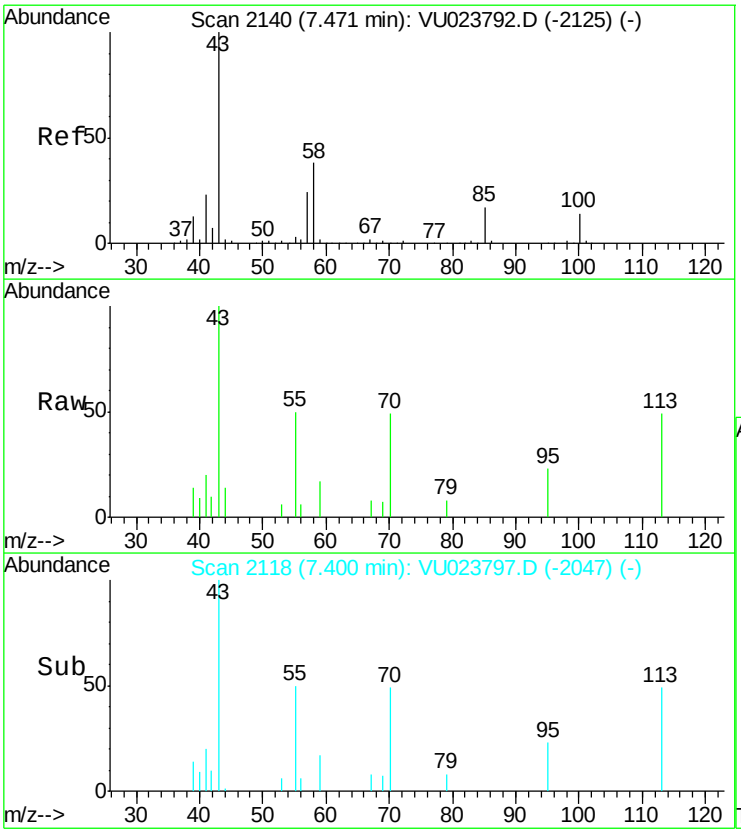



#35
Methylcyclohexane
Concen: 0.83 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion: 83 Resp: 13584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 69.1 | 103.7# |
| 98 | 0.0 | 37.8 | 56.8# |

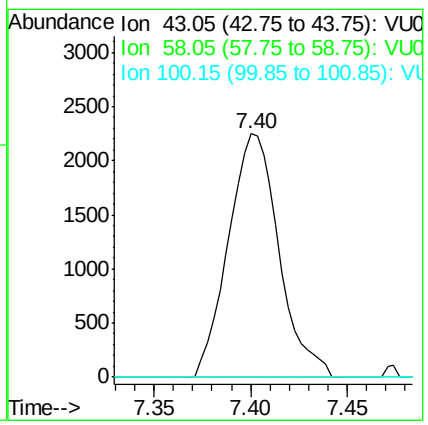


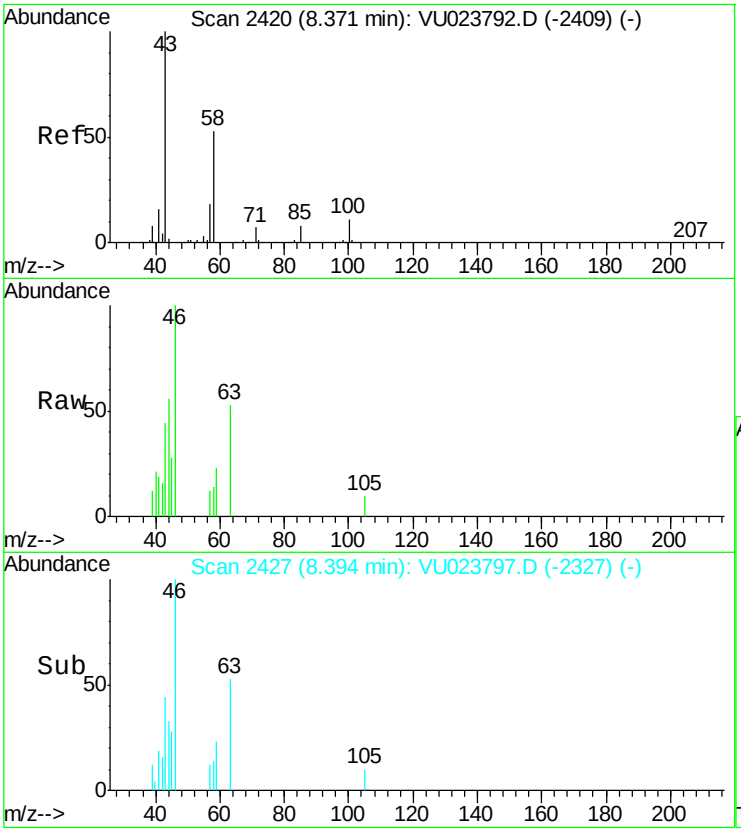




#40
4-Methyl-2-pentanone
Concen: 0.64 ug/L
RT: 7.40 min Scan# 2118
Delta R.T. -0.07 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion: 43 Resp: 4085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 30.4 | 45.6# |
| 100 | 0.0 | 11.2 | 16.8# |

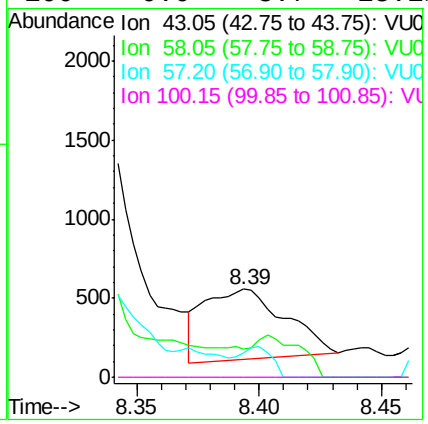


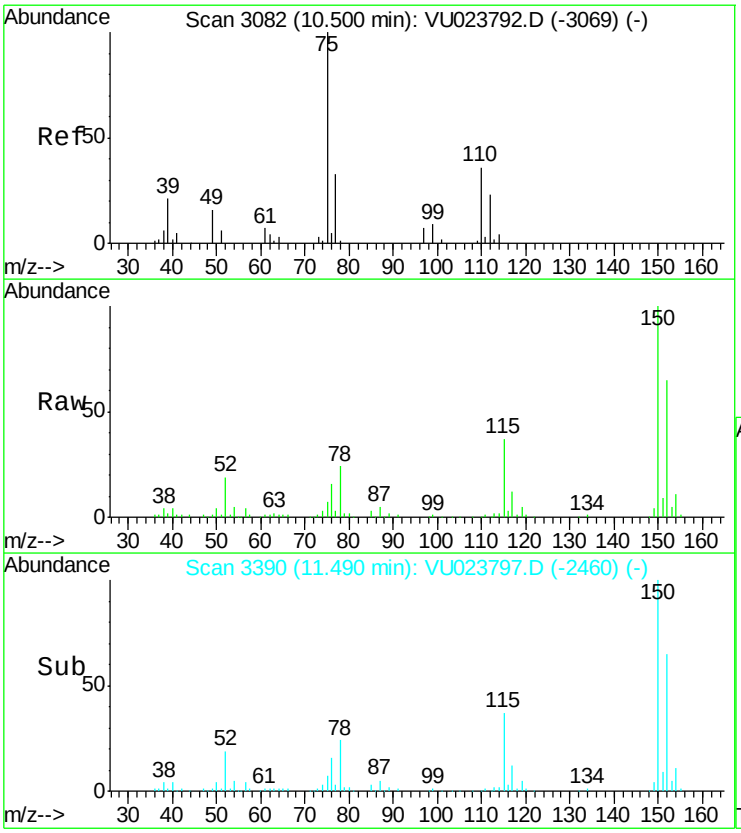



#48
2-Hexanone
Concen: 0.22 ug/L
RT: 8.39 min Scan# 2427
Delta R.T. 0.02 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion: 43 Resp: 1020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.6 | 42.3 | 63.5# |
| 57 | 17.5 | 14.7 | 22.1 |
| 100 | 0.0 | 8.7 | 13.1# |




#59
1,2,3-Trichloropropane
Concen: 1.11 ug/L
RT: 11.49 min Scan# 3390
Delta R.T. 0.99 min
Lab File: VU023797.D
Acq: 11 May 2018 13:37

Tgt Ion: 75 Resp: 7284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.6 | 26.1 | 39.1# |