Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028196.D
Acq On : 16 Nov 2018 20:10
Operator : MD/SY
Sample : J5946-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Nov 17 00:03:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 23:59:22 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 163219 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 158467 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 69488 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 46707 | 3.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 69.00% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 42293 | 3.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 78.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.28 | 63 | 71235 | 2.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 56.40%# | | | |
| 20) 2-Butanone-d5 | 4.19 | 46 | 208654 | 53.12 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 106.24% | | | |
| 24) Chloroform-d | 4.65 | 84 | 95473 | 4.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 56862 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.60% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 186171 | 4.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 81.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 72781 | 4.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 89.40% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 156699 | 3.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 74.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 19691 | 3.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 67.80% | | | |
| 46) 2-Hexanone-d5 | 8.31 | 63 | 147318 | 44.43 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 88.86% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 52771 | 4.59 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 91.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 57280 | 4.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 88.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.71 | 64 | 2754 | 0.262 | ug/L # | 53 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.28 | 101 | 496 | 0.046 | ug/L # | 25 |
| 13) Acetone | 2.32 | 43 | 3704 | 1.400 | ug/L | 92 |
| 22) cis-1,2-Dichloroethene | 4.23 | 96 | 1058 | 0.083 | ug/L | 87 |
| 25) Chloroform | 4.68 | 83 | 2575 | 0.118 | ug/L | 97 |
| 35) Methylcyclohexane | 6.33 | 83 | 14421 | 0.636 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.33 | 63 | 7590 | 0.514 | ug/L # | 92 |
| 39) cis-1,3-Dichloropropene | 7.23 | 75 | 1231 | 0.062 | ug/L # | 47 |
| 47) Tetrachloroethene | 8.23 | 164 | 2131 | 0.199 | ug/L | 91 |
| 48) 2-Hexanone | 8.37 | 43 | 3650 | 0.505 | ug/L # | 82 |
| 49) Dibromochloromethane | 8.23 | 129 | 2011 | 0.212 | ug/L # | 11 |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 10430 | 1.258 | ug/L | 98 |

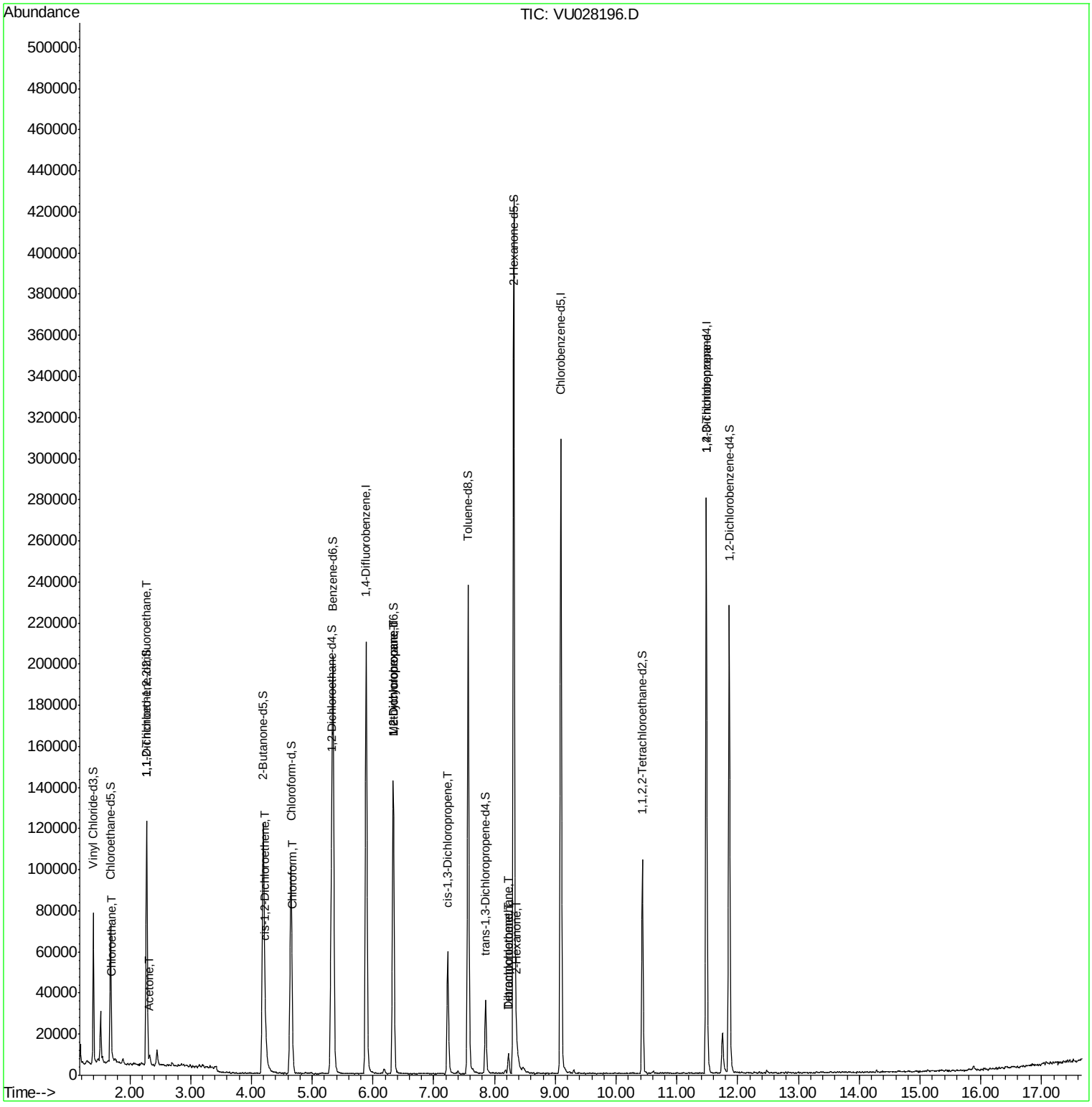
(#) = qualifier out of range (m) = manual integration (+) = signals summed

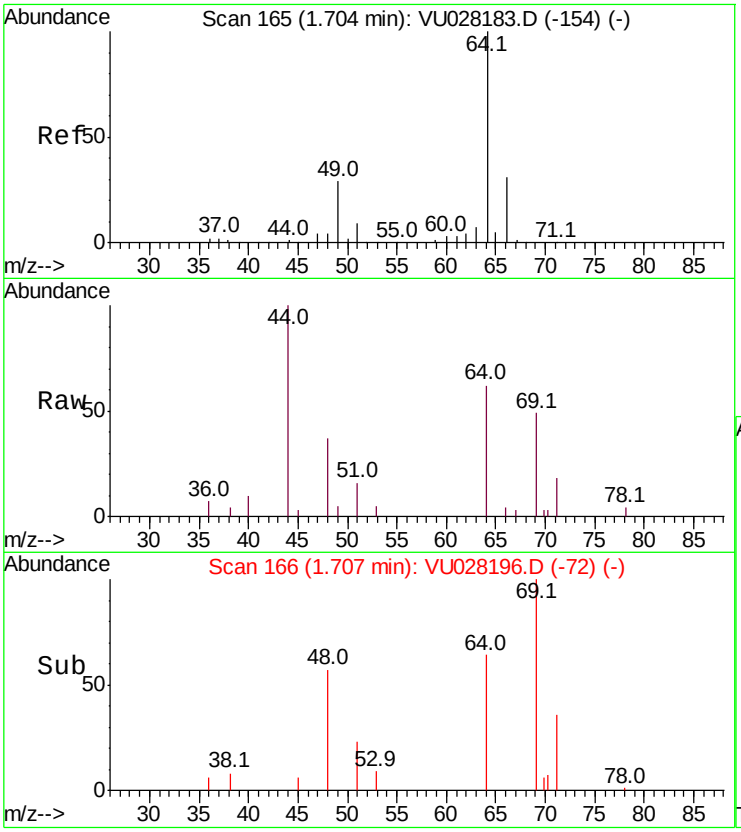
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028196.D
Acq On : 16 Nov 2018 20:10
Operator : MD/SY
Sample : J5946-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Nov 17 00:03:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 23:59:22 2018
Response via : Initial Calibration



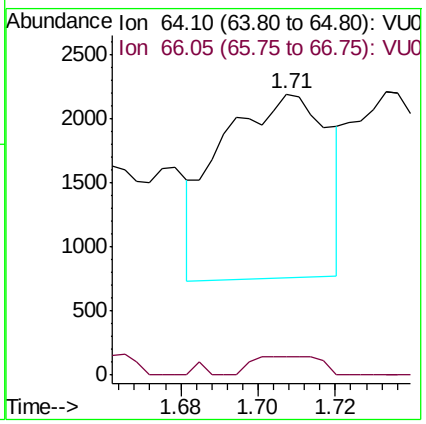


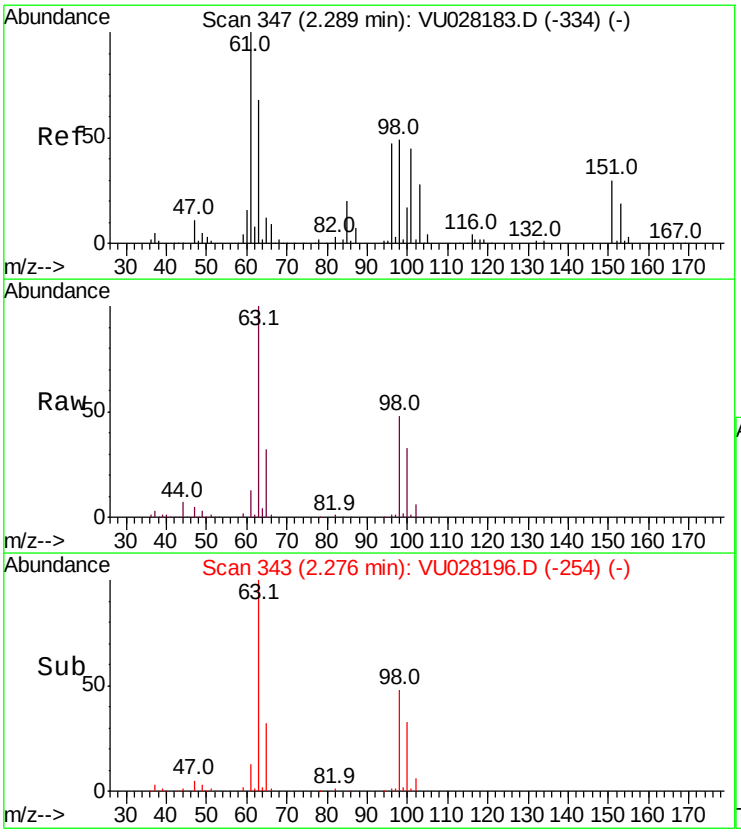

#8
Chloroethane
Concen: 0.262 ug/L
RT: 1.71 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

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

Tgt Ion: 64 Resp: 2754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 6.4 | 23.1 | 42.9# |

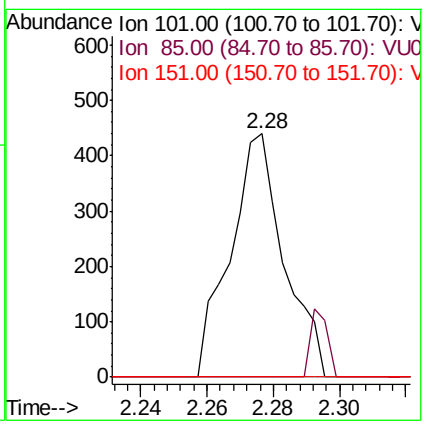


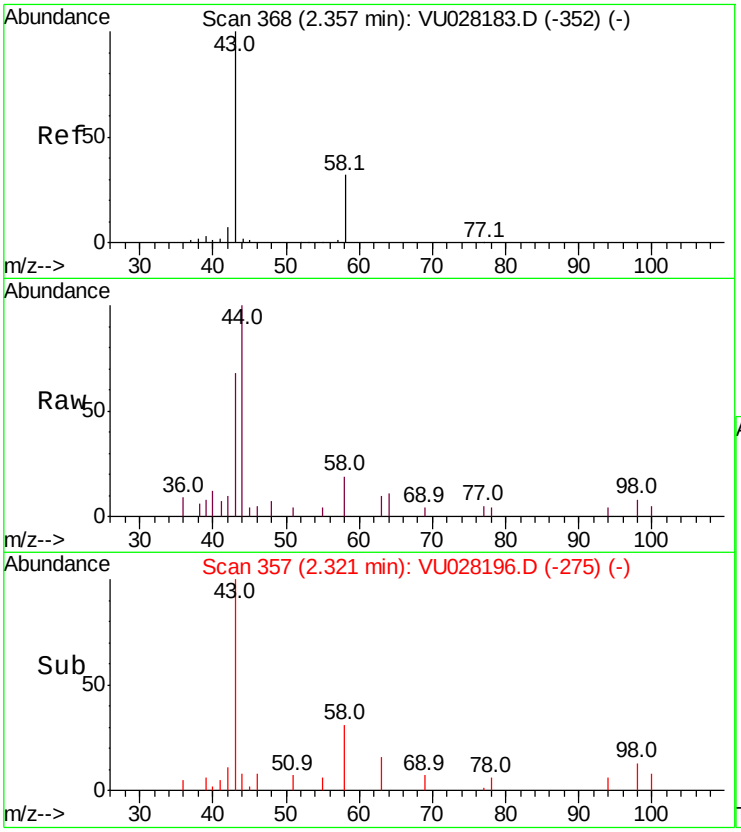




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

Tgt Ion:101 Resp: 496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 8.9 | 37.6 | 56.4# |
| 151 | 0.0 | 58.2 | 87.2# |



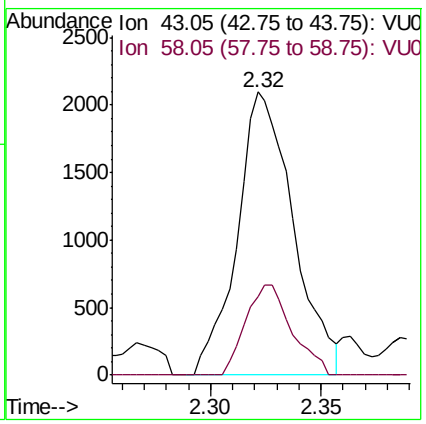


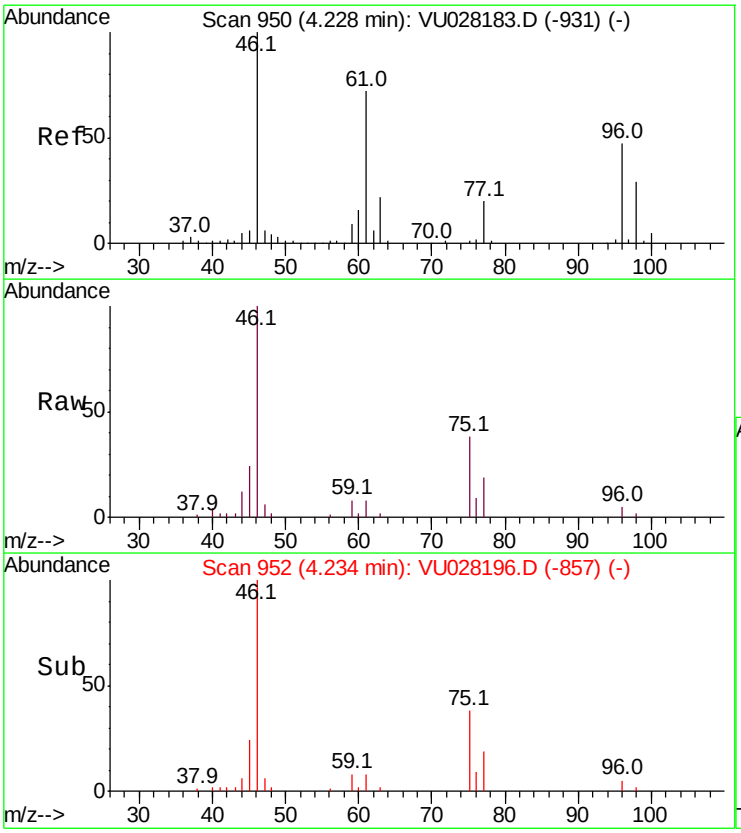

#13
Acetone
Concen: 1.400 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.04 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

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

Tgt Ion: 43 Resp: 3704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.3 | 0.0 | 61.6 |

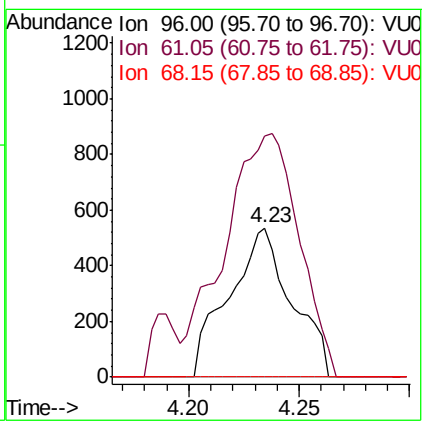


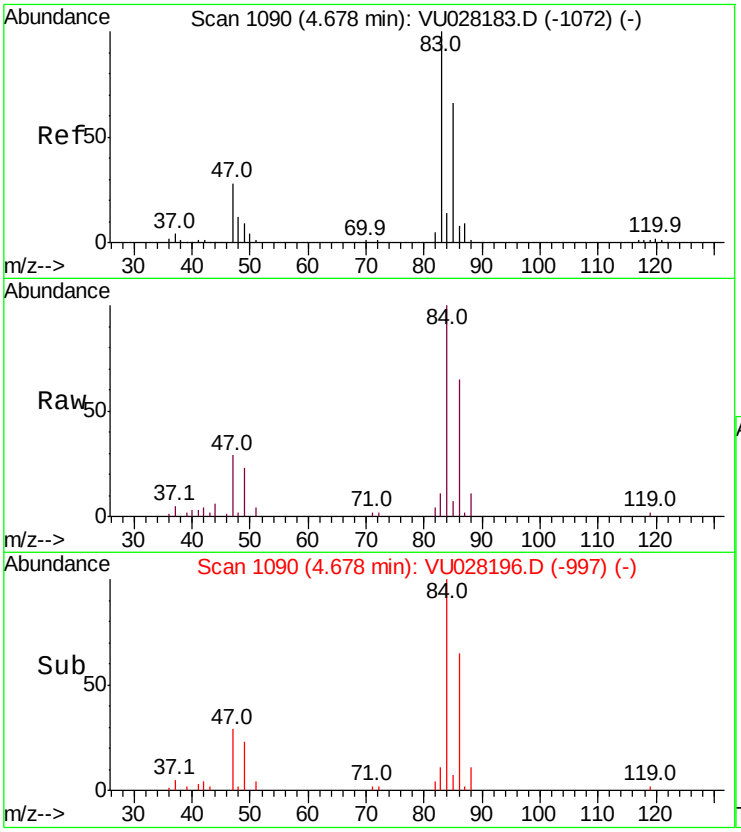




#22
cis-1,2-Dichloroethene
Concen: 0.083 ug/L
RT: 4.23 min Scan# 952
Delta R.T. 0.01 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

Tgt Ion: 96 Resp: 1058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 161.9 | 101.8 | 189.0 |
| 68 | 0.0 | 0.0 | 0.0 |



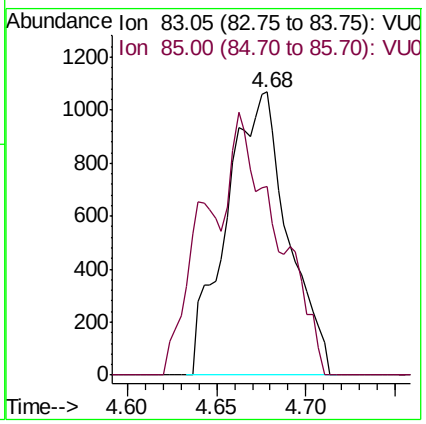


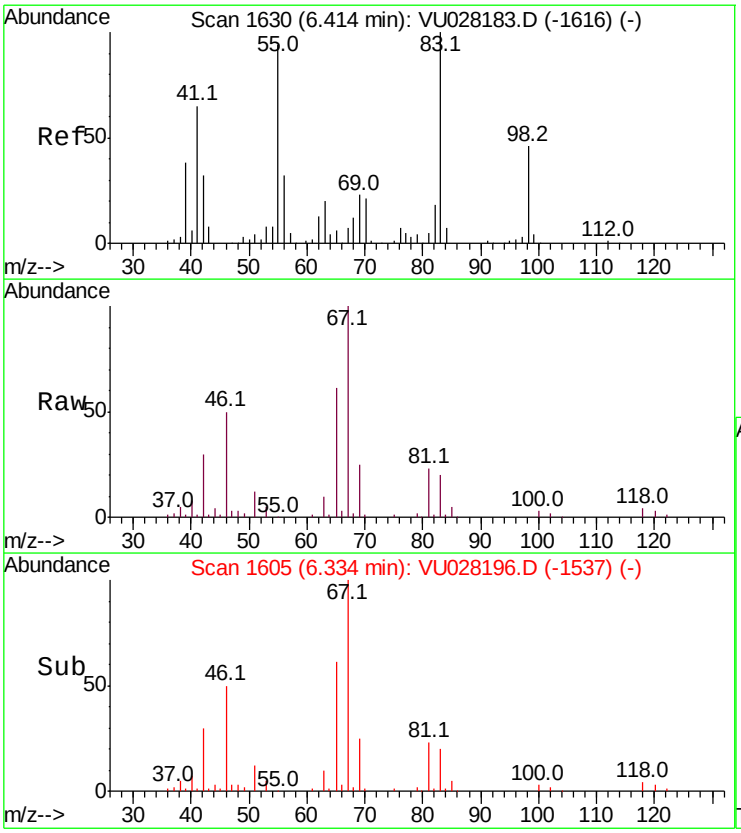

#25
Chloroform
Concen: 0.118 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

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

Tgt Ion: 83 Resp: 2575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.9 | 45.0 | 83.6 |

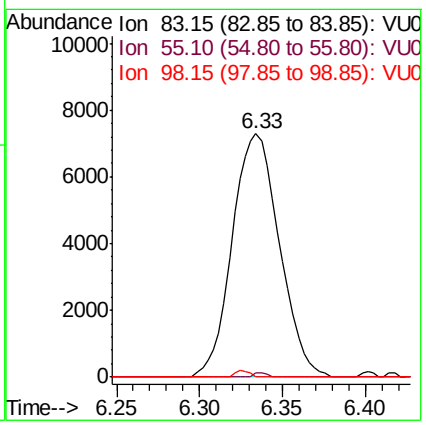


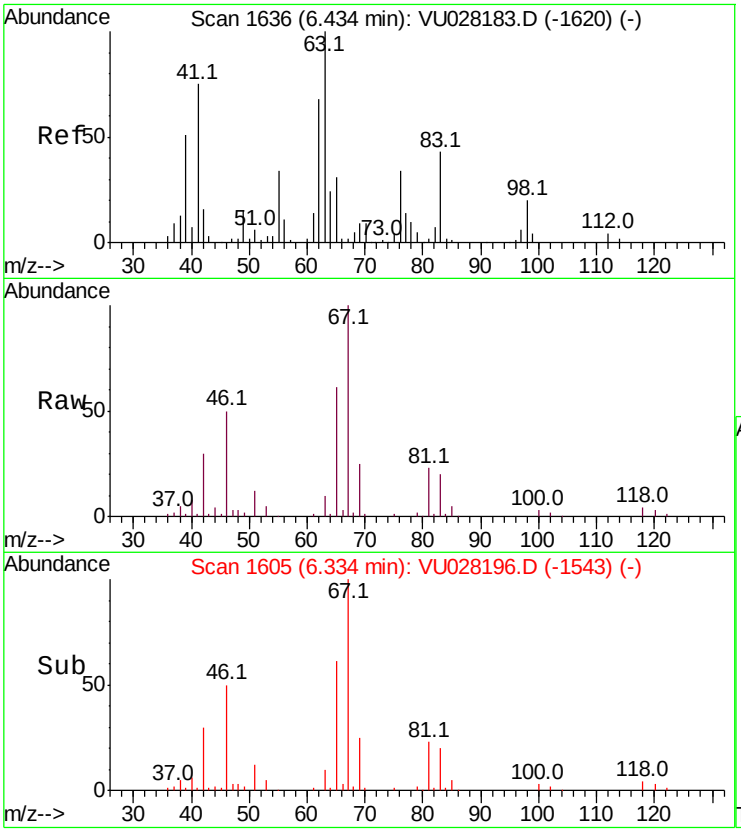




#35
Methylcyclohexane
Concen: 0.636 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

Tgt Ion: 83 Resp: 14421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.5 | 69.0 | 103.4# |
| 98 | 0.9 | 33.3 | 49.9# |



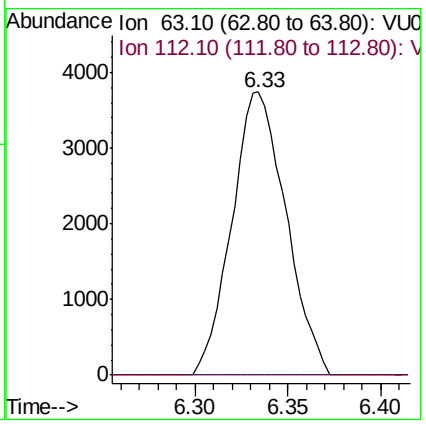


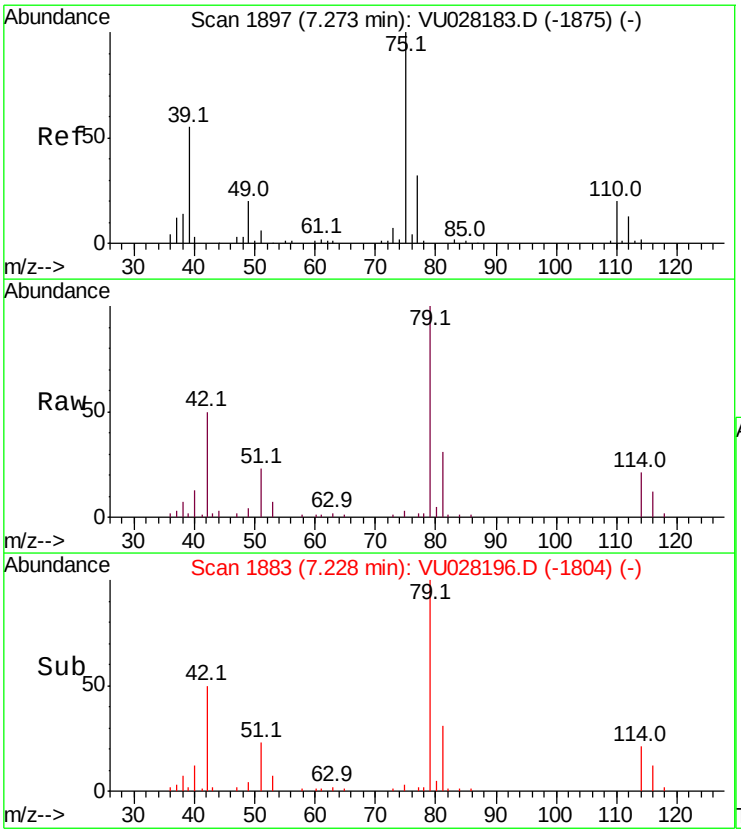

#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

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

Tgt Ion: 63 Resp: 7590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 2.2 | 3.4# |

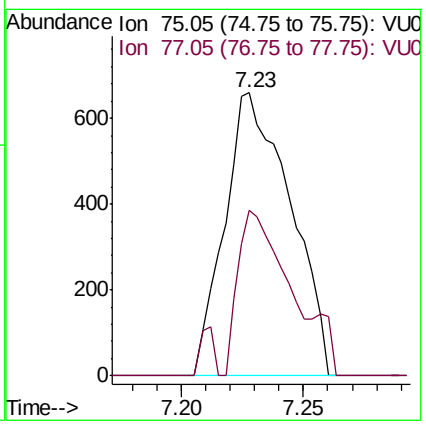


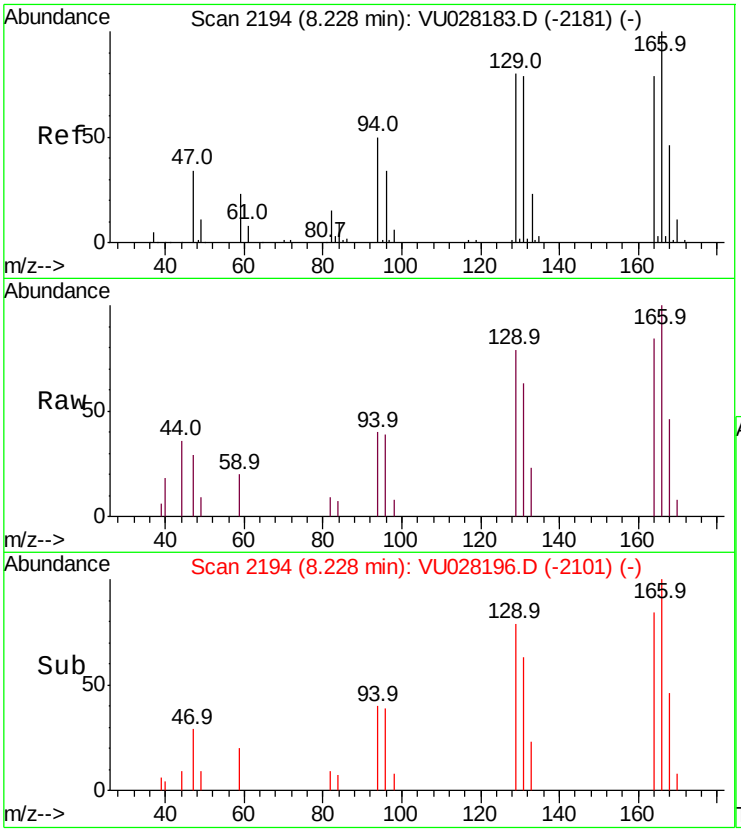




#39
cis-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

Tgt Ion: 75 Resp: 1231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 58.6 | 20.9 | 38.9# |



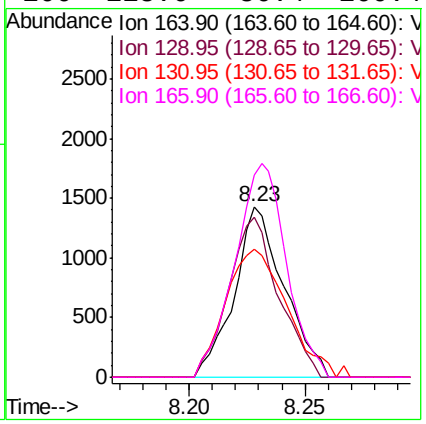


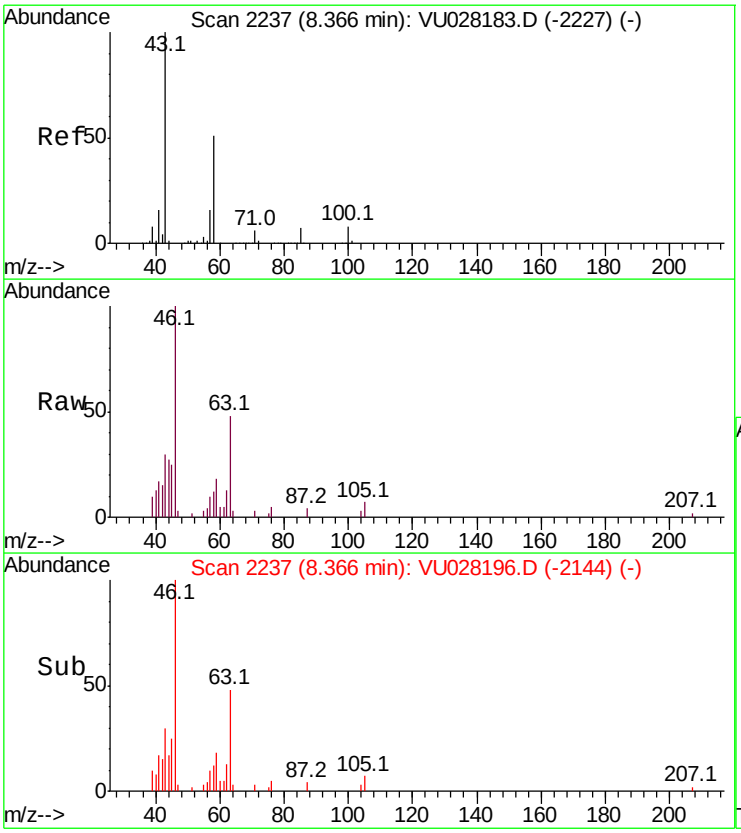

#47
Tetrachloroethene
Concen: 0.199 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

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

Tgt Ion:164 Resp: 2131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 93.7 | 69.7 | 129.4 |
| 131 | 74.6 | 64.0 | 118.8 |
| 166 | 118.6 | 86.4 | 160.4 |

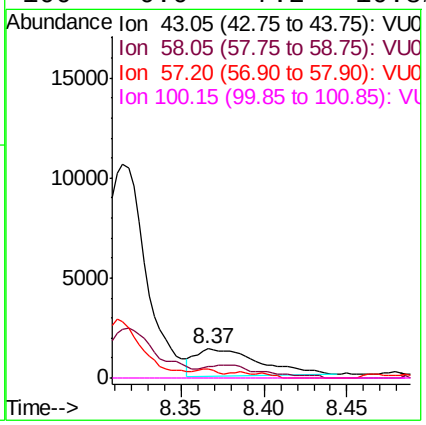


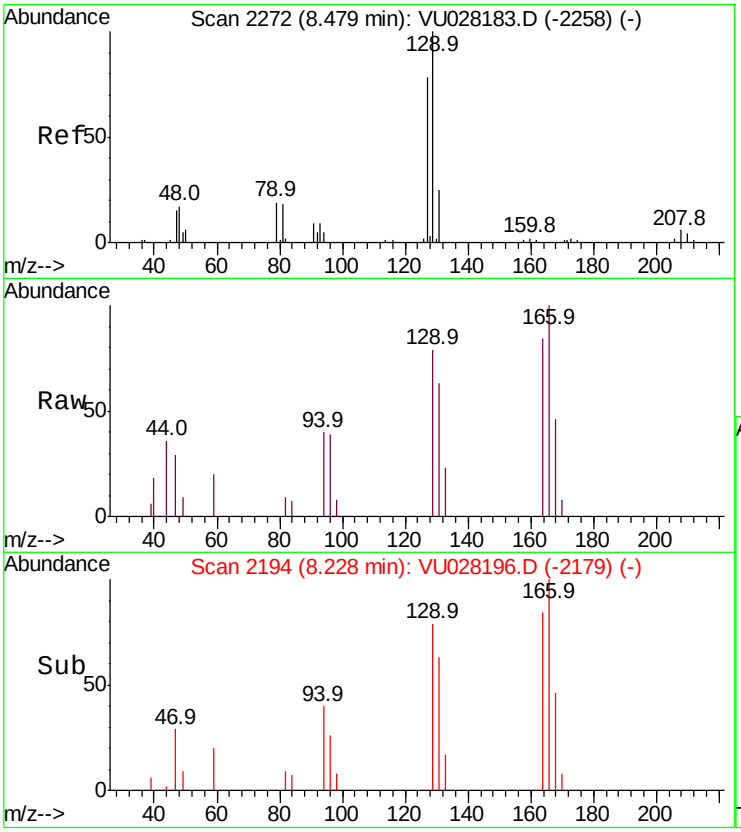




#48
2-Hexanone
Concen: 0.505 ug/L
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

Tgt Ion: 43 Resp: 3650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.0 | 41.7 | 62.5 |
| 57 | 5.2 | 14.0 | 21.0# |
| 100 | 0.0 | 7.2 | 10.8# |



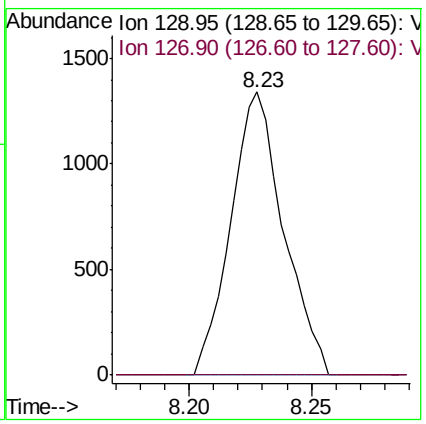


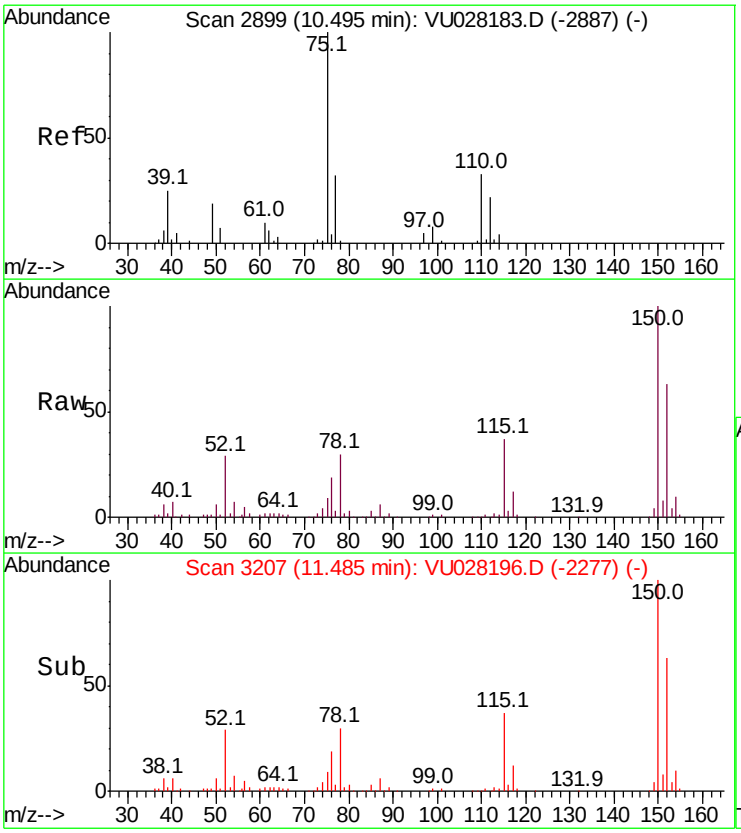

#49
Dibromochloromethane
Concen: 0.212 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

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

Tgt Ion:129 Resp: 2011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 54.1 | 100.5# |




#59
1,2,3-Trichloropropane
Concen: 1.258 ug/L
RT: 11.49 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028196.D
Acq: 16 Nov 2018 20:10

Tgt Ion: 75 Resp: 10430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.7 | 25.4 | 38.0 |