Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026790.D
Acq On : 15 Sep 2018 20:36
Operator : MD/SY
Sample : J4920-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0KZ8

Quant Time: Sep 17 05:20:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 05:13:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 116780 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 96540 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 37434 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 43414 | 5.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 103.40% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 36424 | 5.26 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 105.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 60925 | 3.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 75.00% | | | |
| 20) 2-Butanone-d5 | 4.20 | 46 | 98612 | 50.37 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 100.74% | | | |
| 24) Chloroform-d | 4.65 | 84 | 72670 | 4.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 39336 | 5.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.60% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 152882 | 5.66 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 113.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 48847 | 5.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 112.60% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 113241 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 90.60% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 13991 | 4.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 86.80% | | | |
| 46) 2-Hexanone-d5 | 8.32 | 63 | 58072 | 45.68 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 91.36% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 34944 | 5.15 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 103.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 41866 | 6.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 120.60%# | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.28 | 101 | 552 | 0.060 | ug/L # | 18 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 614 | 0.071 | ug/L # | 1 |
| 13) Acetone | 2.32 | 43 | 2596 | 1.491 | ug/L | 93 |
| 15) Methyl Acetate | 2.45 | 43 | 9332 | 2.044 | ug/L # | 52 |
| 25) Chloroform | 4.67 | 83 | 696 | 0.040 | ug/L | 77 |
| 27) 1,2-Dichloroethane | 5.34 | 62 | 894 | 0.081 | ug/L # | 73 |
| 34) Trichloroethene | 6.18 | 95 | 1691 | 0.184 | ug/L | 91 |
| 35) Methylcyclohexane | 6.33 | 83 | 10859 | 0.726 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.34 | 63 | 4896 | 0.510 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.23 | 75 | 980 | 0.076 | ug/L # | 51 |
| 48) 2-Hexanone | 8.38 | 43 | 1074 | 0.269 | ug/L # | 73 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 4108 | 0.728 | ug/L | 93 |
| 69) Naphthalene | 13.75 | 128 | 4962 | 0.375 | ug/L | 99 |

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

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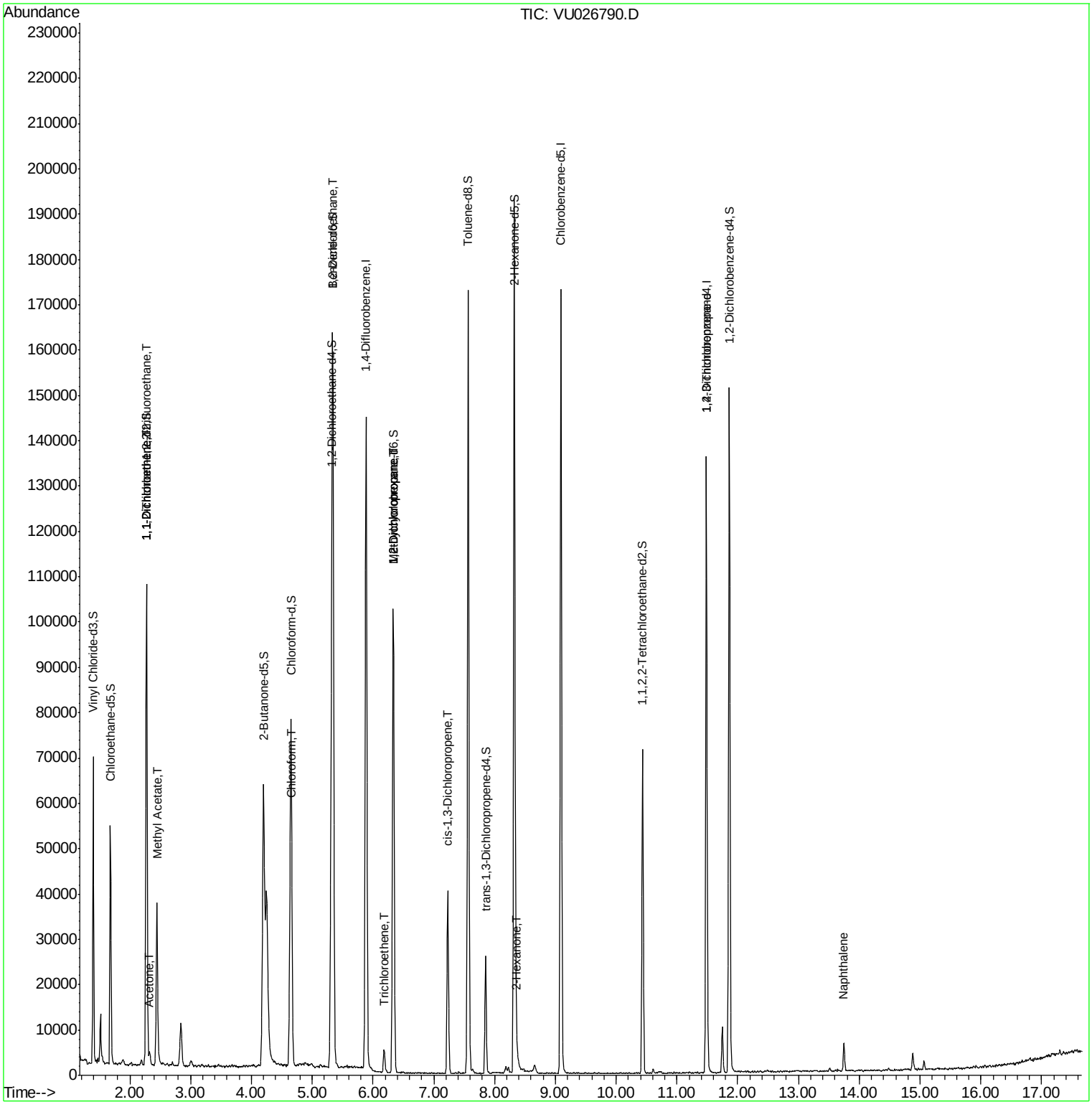
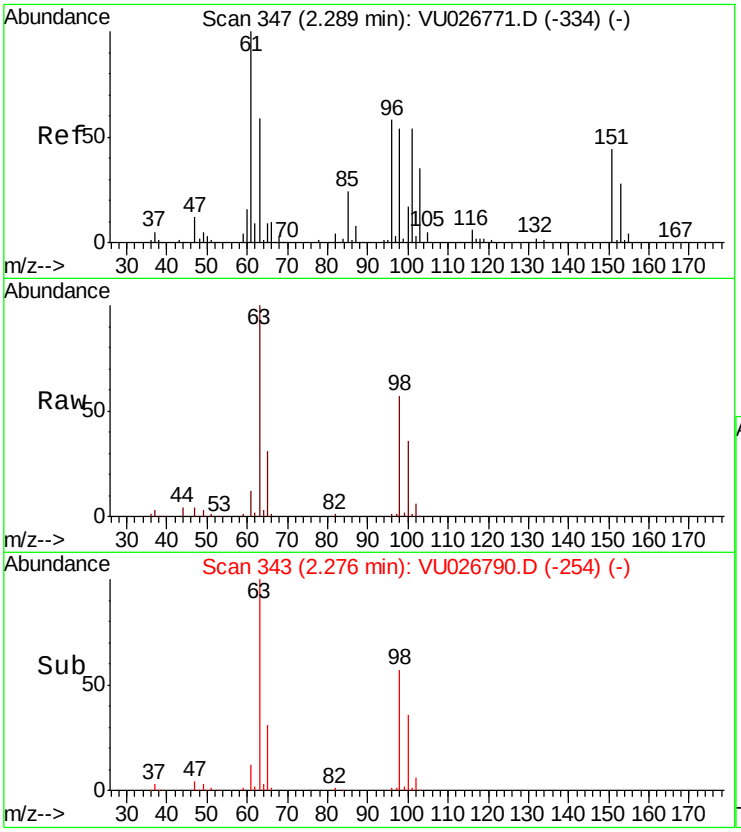
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0KZ8

Quant Time: Sep 17 05:20:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 05:13:11 2018
Response via : Initial Calibration



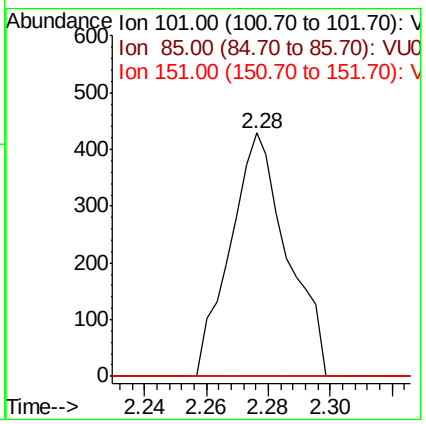


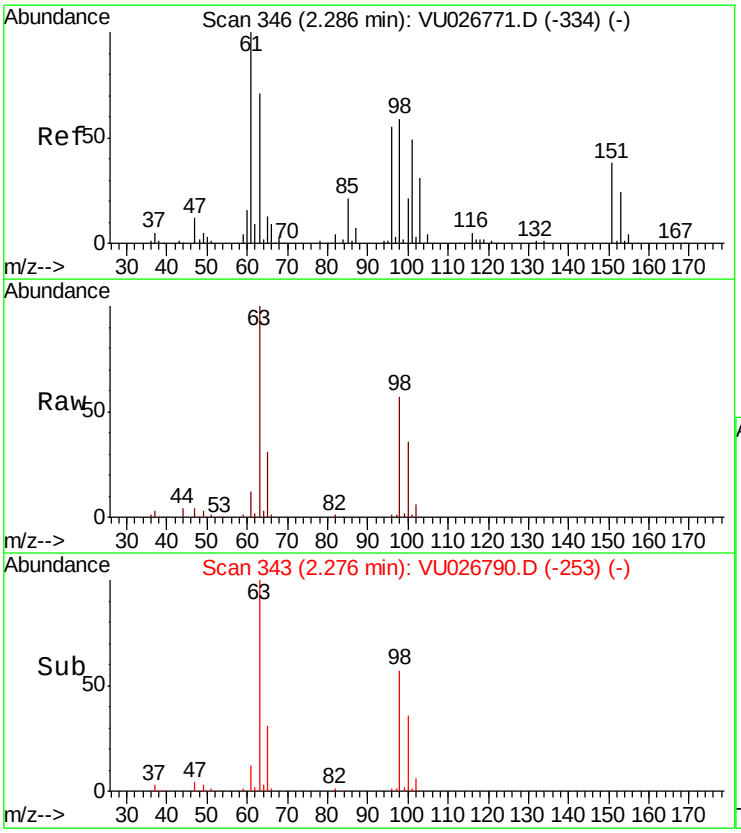

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

**Instrument :** MSVOA_U
**ClientSampleId :** C0KZ8

Tgt Ion:101 Resp: 552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 35.1 | 52.7# |
| 151 | 0.0 | 63.3 | 94.9# |

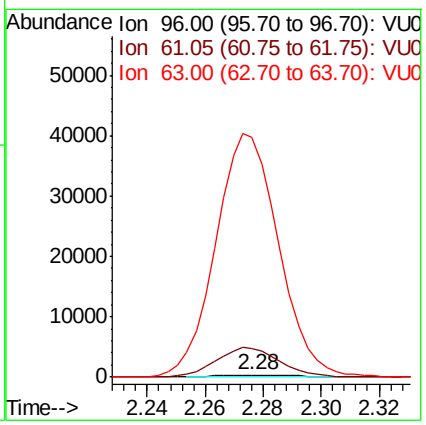


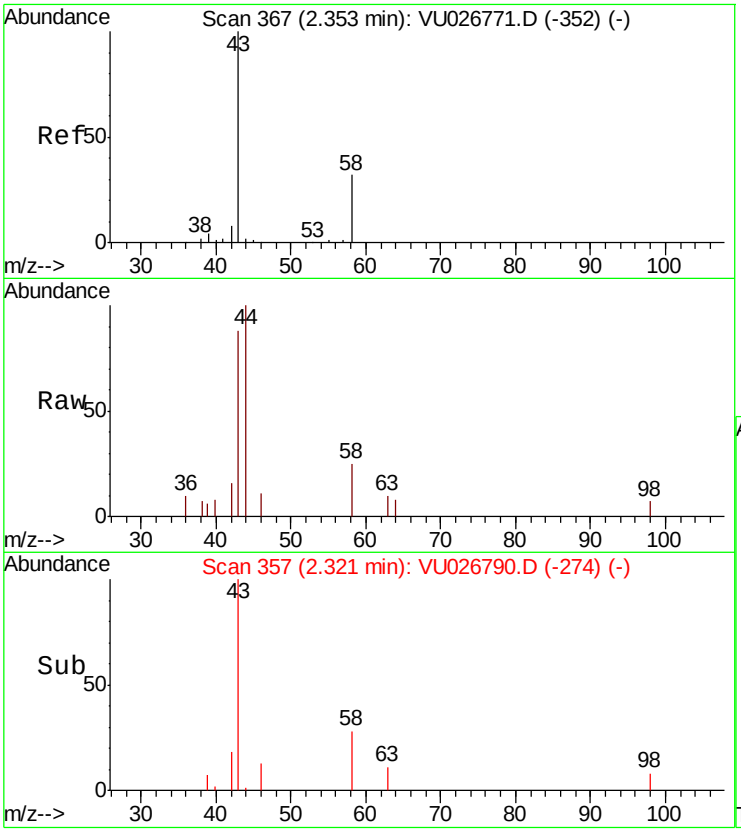




#12
1,1-Dichloroethene
Concen: 0.071 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

Tgt Ion: 96 Resp: 614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1430.5 | 126.6 | 235.2# |
| 63 | 11732.5 | 91.3 | 169.5# |



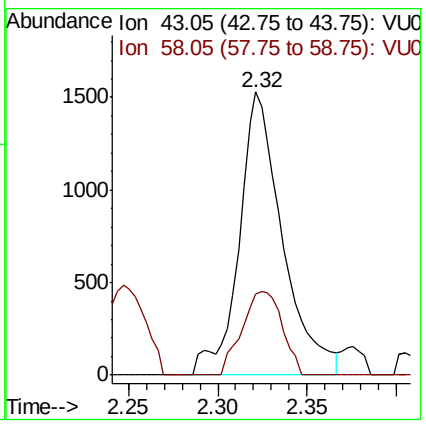


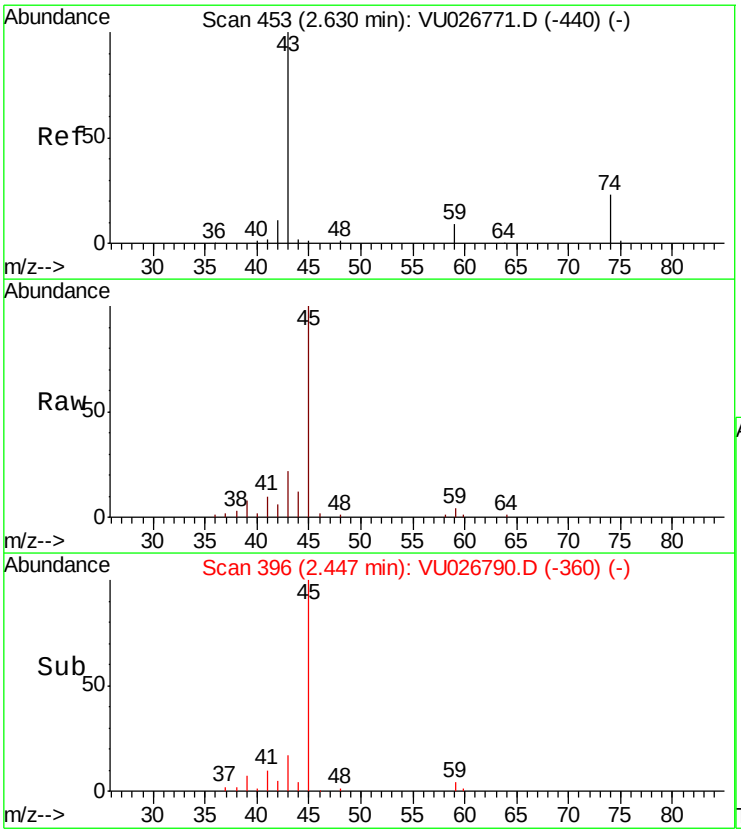

#13
Acetone
Concen: 1.491 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.03 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0KZ8

Tgt Ion: 43 Resp: 2596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.4 | 0.0 | 63.0 |

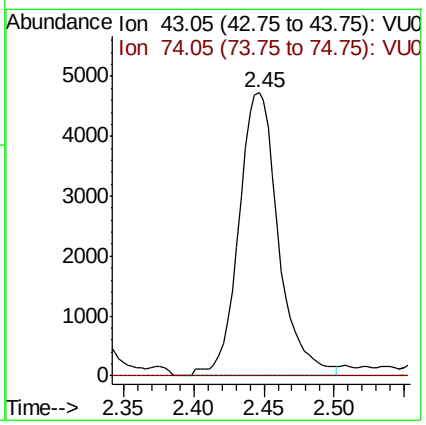


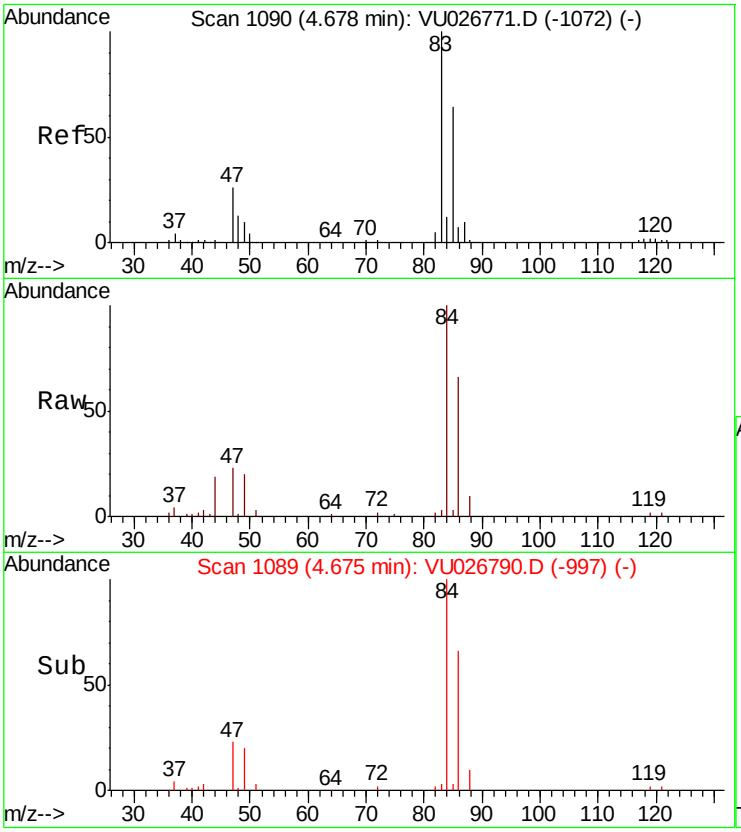




#15
Methyl Acetate
Concen: 2.044 ug/L
RT: 2.45 min Scan# 396
Delta R.T. -0.18 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

Tgt Ion: 43 Resp: 9332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 18.5 | 27.7# |



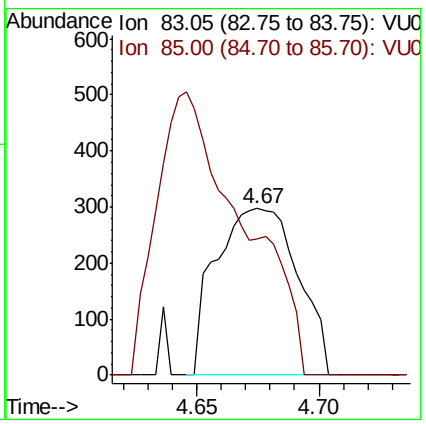


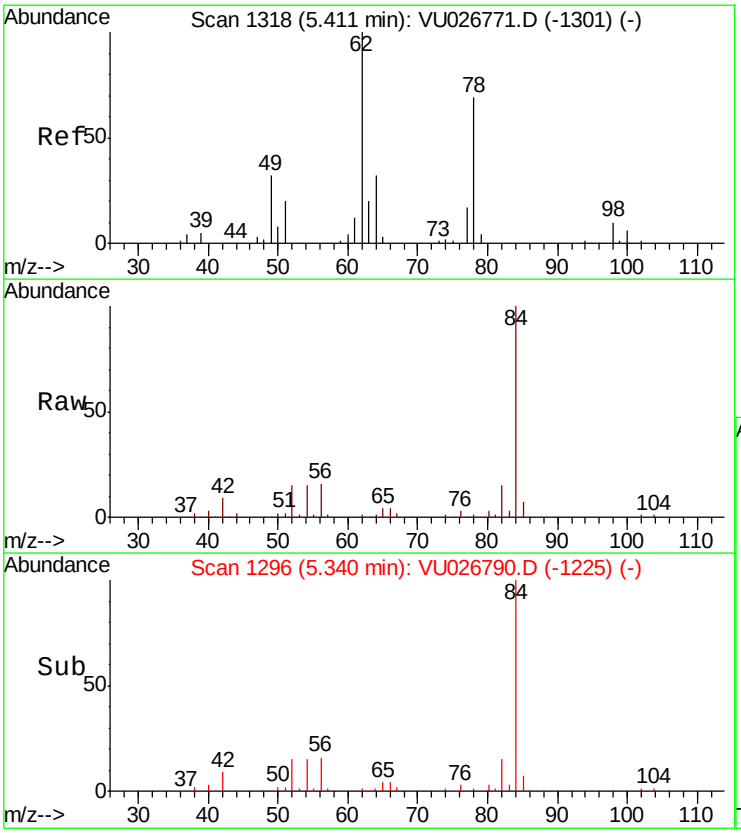

#25
Chloroform
Concen: 0.040 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0KZ8

Tgt Ion: 83 Resp: 696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 82.2 | 44.8 | 83.2 |

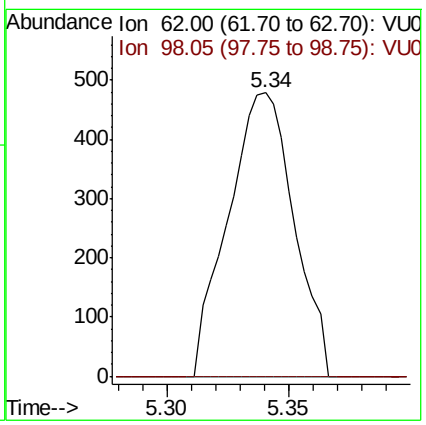


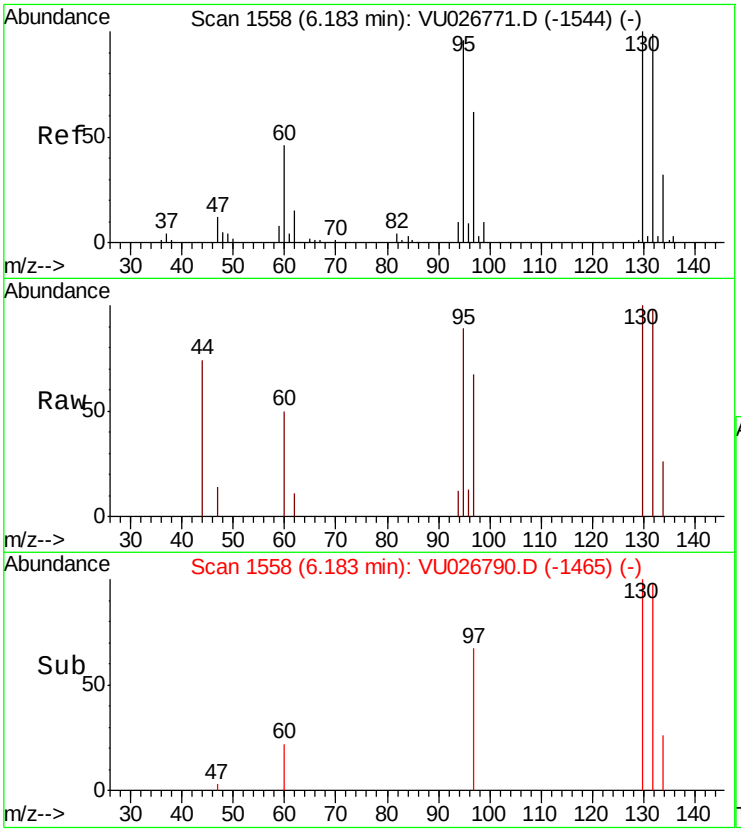




#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.07 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

Tgt Ion: 62 Resp: 894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 7.8 | 11.8# |



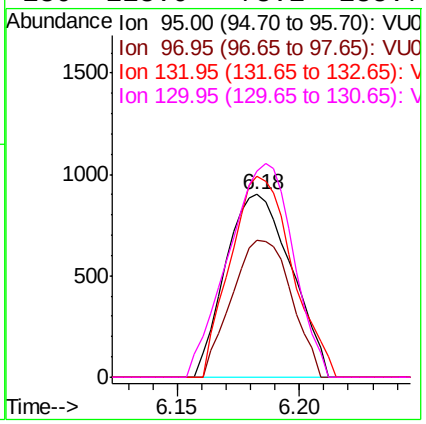


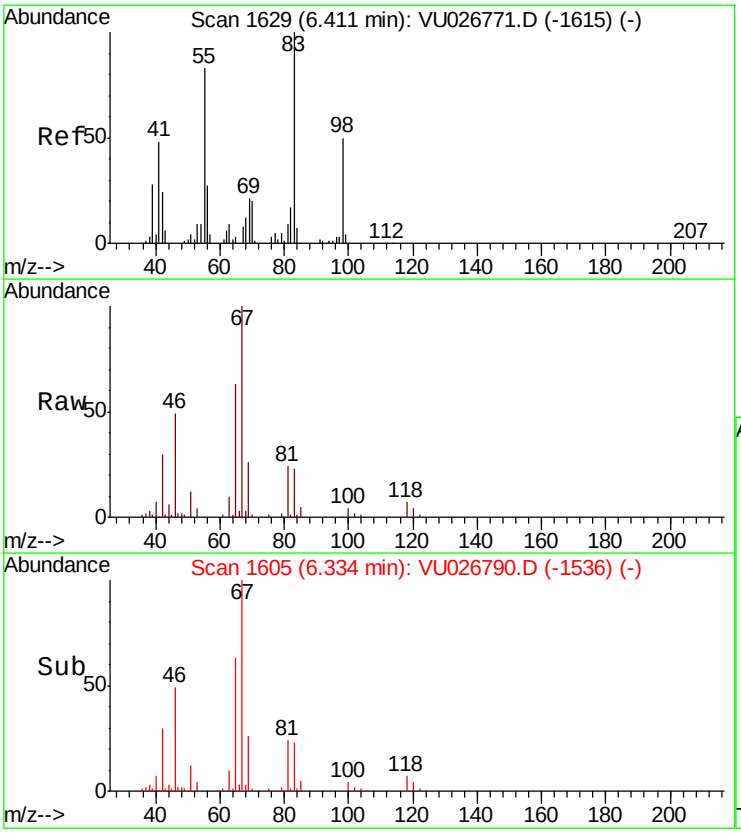

#34
Trichloroethene
Concen: 0.184 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

**Instrument :** MSVOA_U
**ClientSampleId :** C0KZ8

Tgt Ion: 95 Resp: 1691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 75.1 | 45.1 | 83.9 |
| 132 | 110.3 | 72.0 | 133.8 |
| 130 | 113.0 | 73.1 | 135.7 |

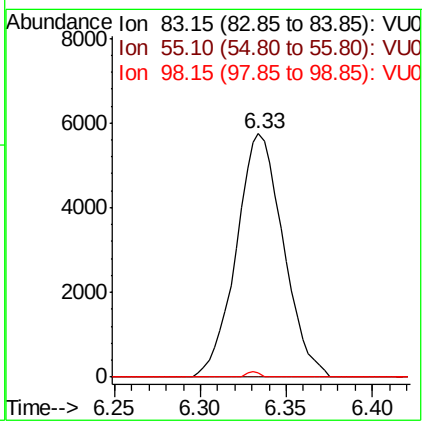


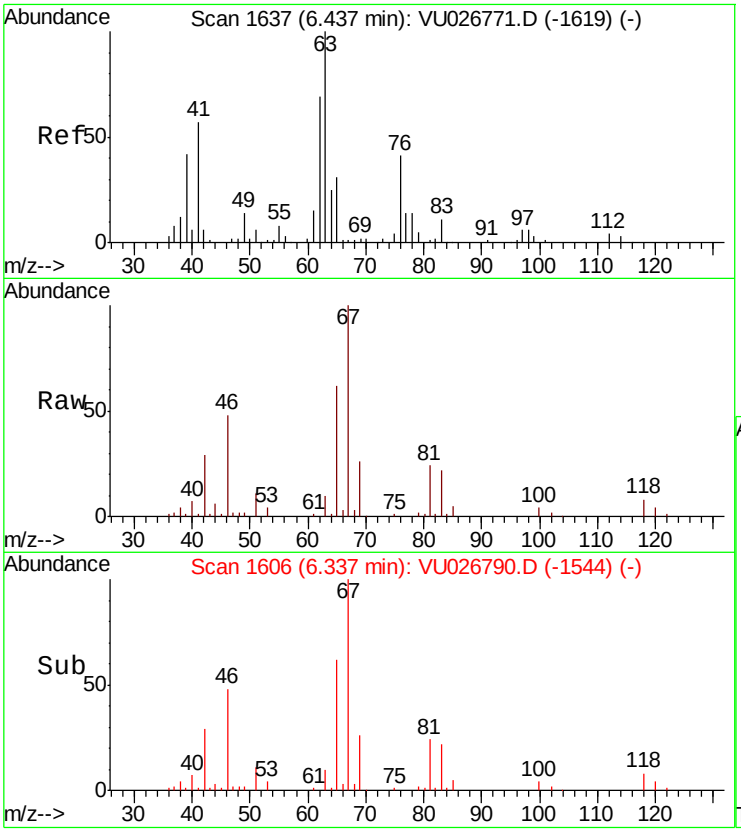




#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

Tgt Ion: 83 Resp: 10859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 64.9 | 97.3# |
| 98 | 0.6 | 39.3 | 58.9# |



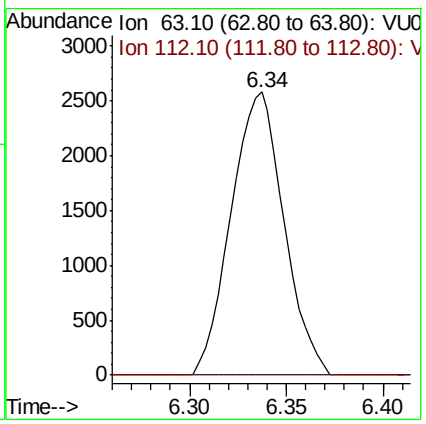


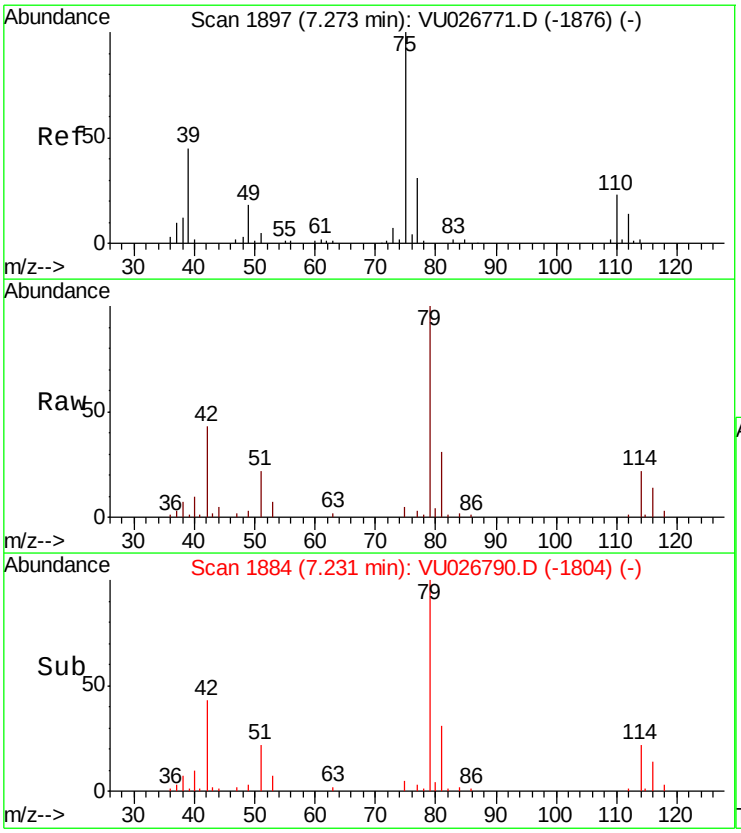

#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.10 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

**Instrument :** MSVOA_U
**ClientSampleId :** C0KZ8

Tgt Ion: 63 Resp: 4896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.2# |

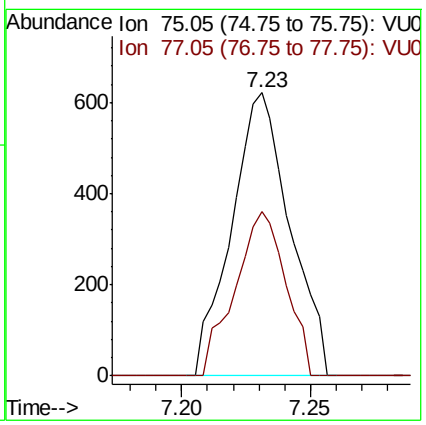


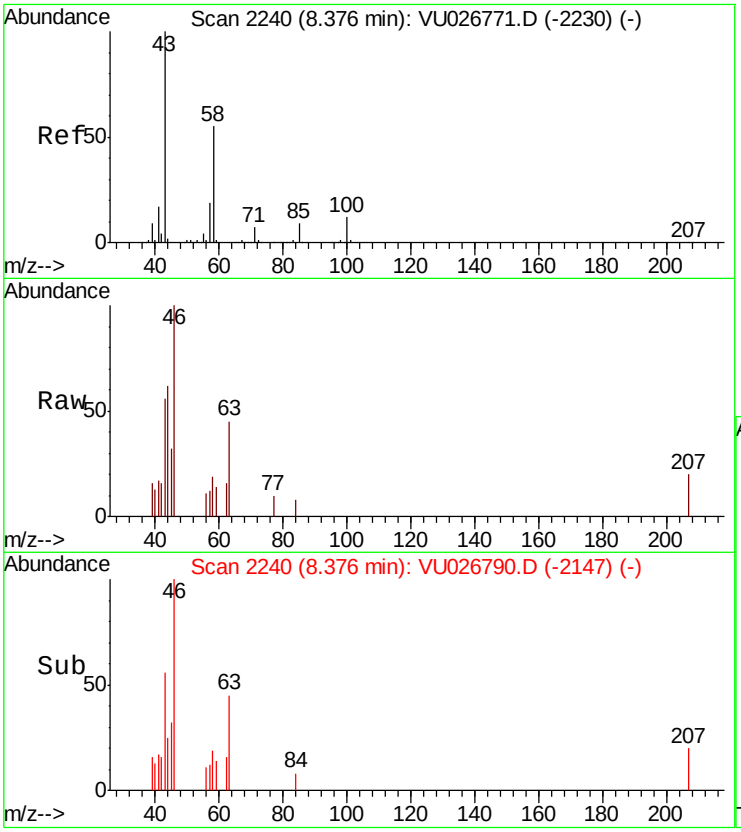




#39
cis-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

Tgt Ion: 75 Resp: 980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 57.9 | 21.7 | 40.3# |



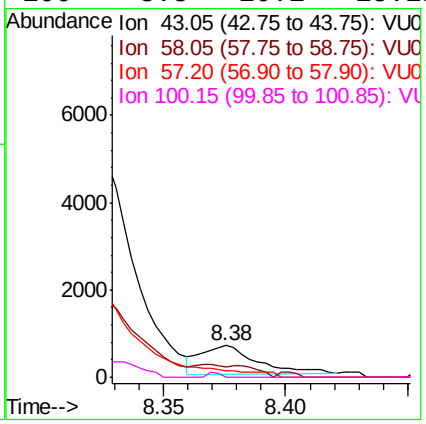


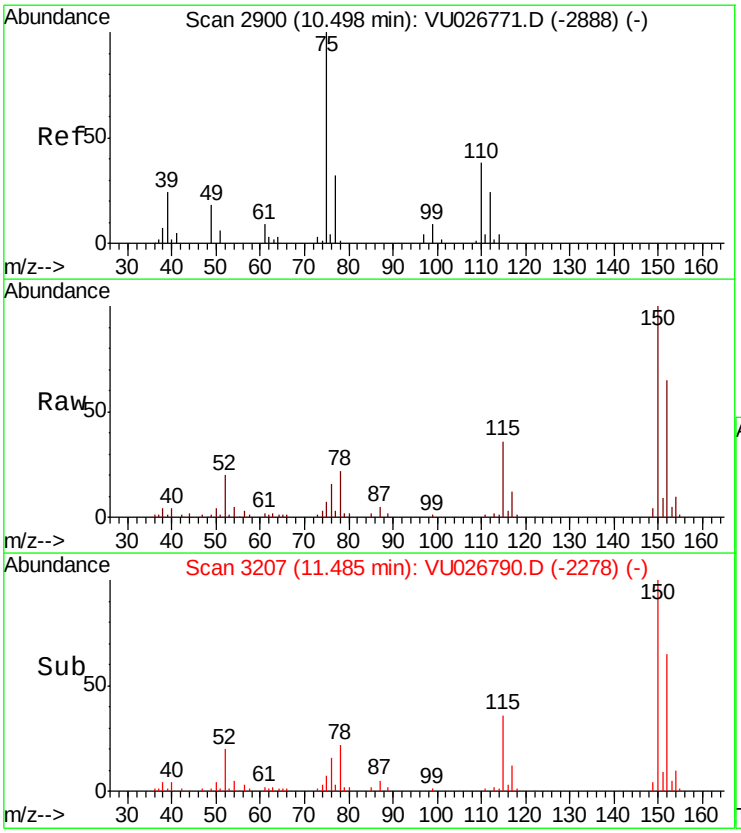

#48
2-Hexanone
Concen: 0.269 ug/L
RT: 8.38 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

**Instrument :** MSVOA_U
**ClientSampleId :** C0KZ8

Tgt Ion: 43 Resp: 1074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.1 | 43.7 | 65.5# |
| 57 | 0.0 | 15.2 | 22.8# |
| 100 | 3.8 | 10.1 | 15.1# |

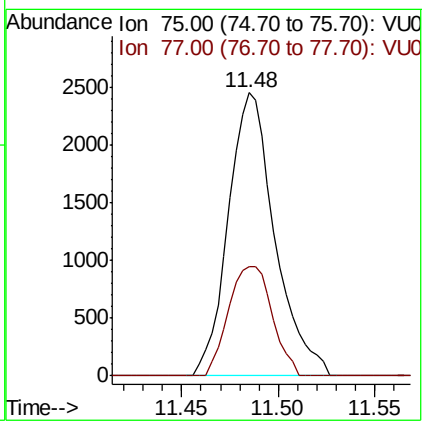


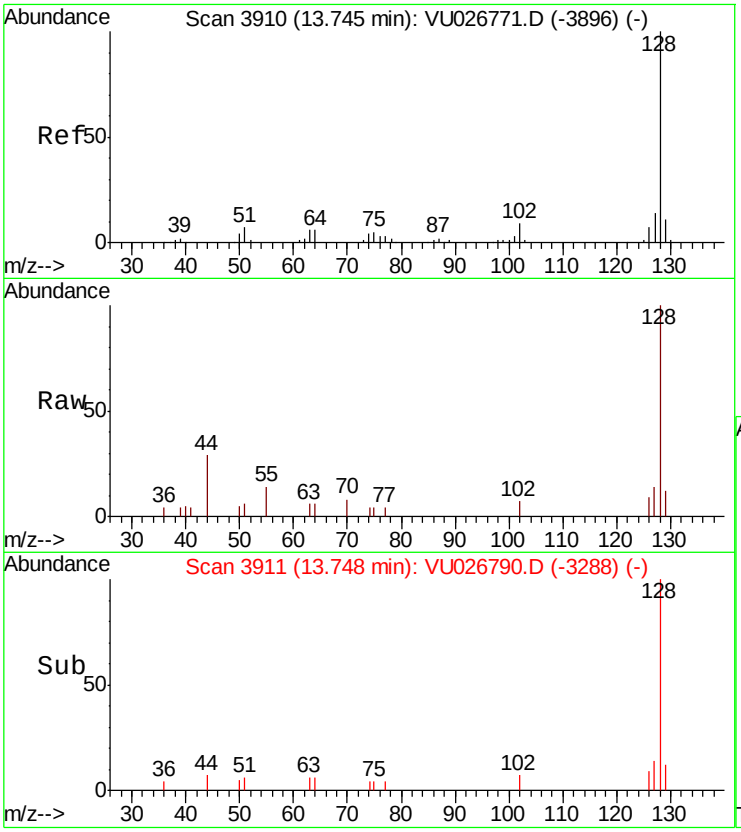




#59
1,2,3-Trichloropropane
Concen: 0.728 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

Tgt Ion: 75 Resp: 4108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.2 | 25.9 | 38.9 |






#69
Naphthalene
Concen: 0.375 ug/L
RT: 13.75 min Scan# 3911
Delta R.T. 0.00 min
Lab File: VU026790.D
Acq: 15 Sep 2018 20:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0KZ8

Tgt Ion:128 Resp: 4962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.6 | 12.8 |
| 127 | 12.7 | 10.8 | 16.2 |