Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040233.D
Acq On : 21 Sep 2020 14:57
Operator : SY/MD
Sample : VIBLK60
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VIBLK60

Quant Time: Sep 22 07:15:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 130614 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 129964 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 58387 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 28118 | 3.94 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 78.80% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 28573 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 96.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 51209 | 2.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 56.00%# | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 156349 | 54.81 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 109.62% | | | |
| 24) Chloroform-d | 5.08 | 84 | 75235 | 4.52 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 49065 | 4.77 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.40% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 133155 | 4.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 45889 | 4.59 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 91.80% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 105180 | 3.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 76.80% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 20000 | 4.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 87.00% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 114301 | 52.52 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 105.04% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 43717 | 5.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 101.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 46022 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 97.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 3.06 | 84 | 1795 | 0.136 | ug/L | 93 |
| 25) Chloroform | 5.10 | 83 | 3215 | 0.140 | ug/L | 85 |
| 35) Methylcyclohexane | 6.70 | 83 | 11711 | 0.613 | ug/L # | 14 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 5844 | 0.464 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 1702 | 0.092 | ug/L # | 55 |
| 44) trans-1,3-Dichloropropene | 8.18 | 75 | 1039 | 0.060 | ug/L | 95 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 8827 | 0.946 | ug/L | 94 |
| 69) Naphthalene | 14.08 | 128 | 3509 | 0.130 | ug/L # | 89 |

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

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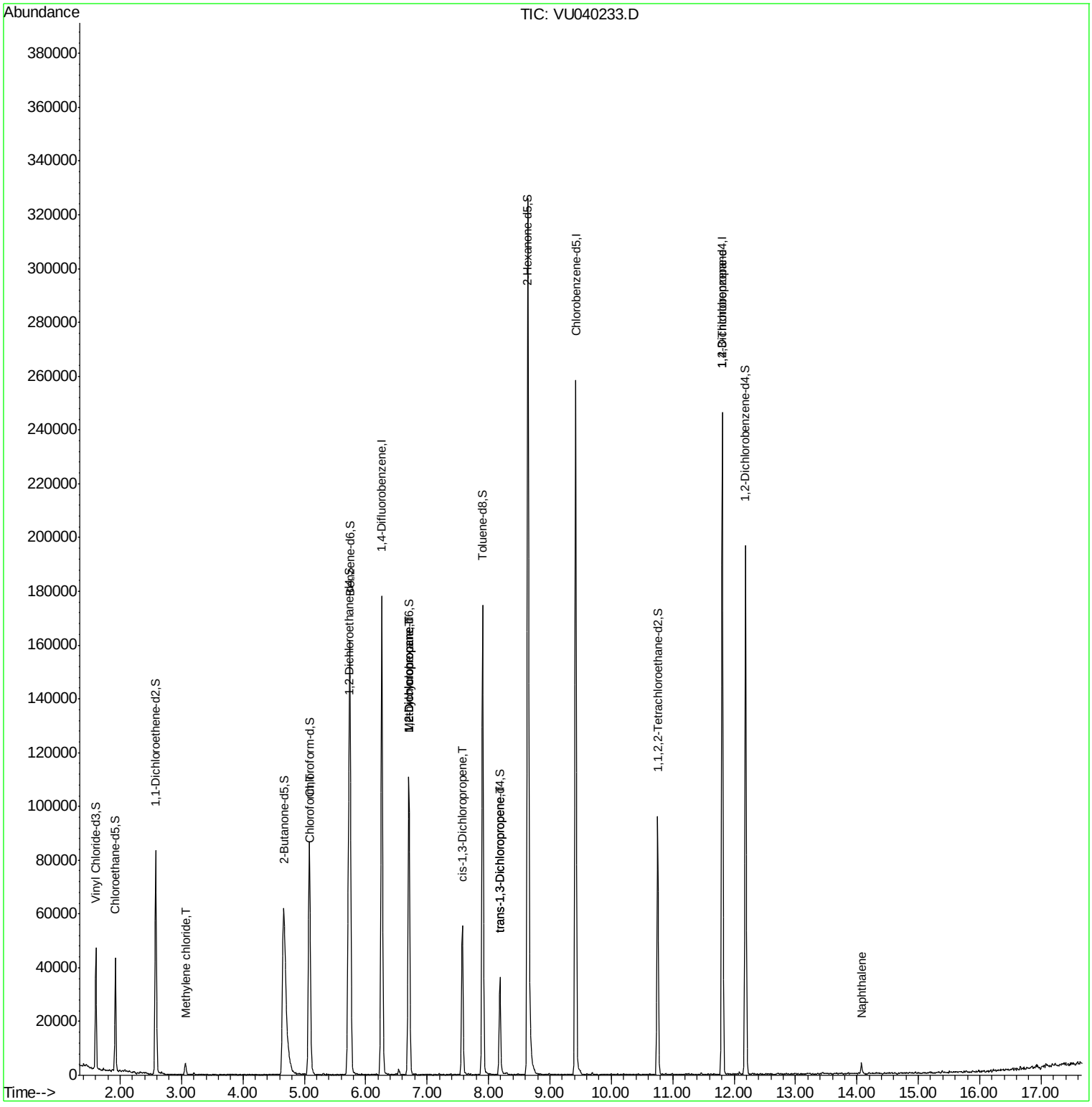
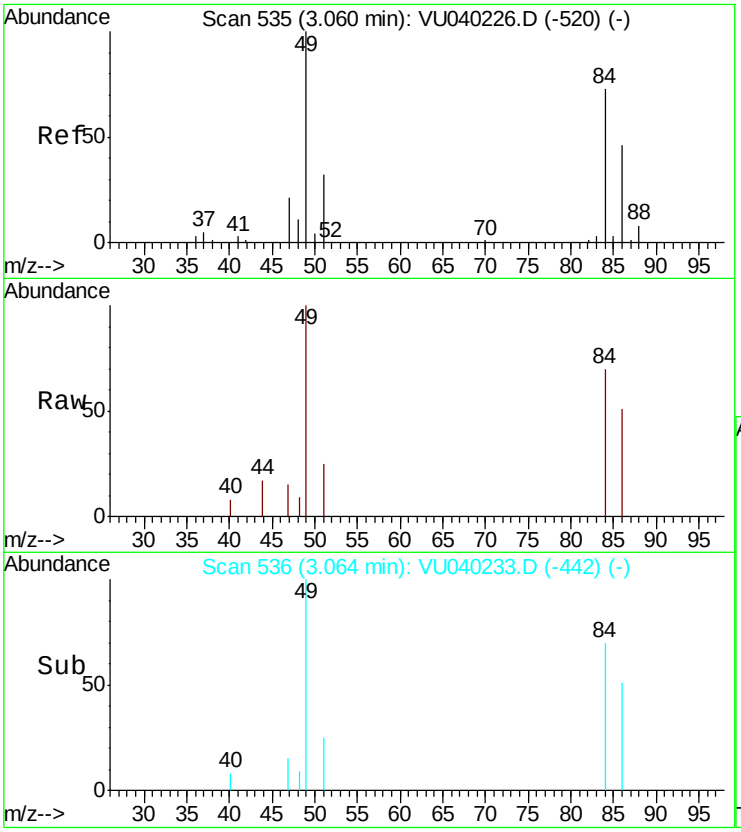
Sample : VIBLK60
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VIBLK60

Quant Time: Sep 22 07:15:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration



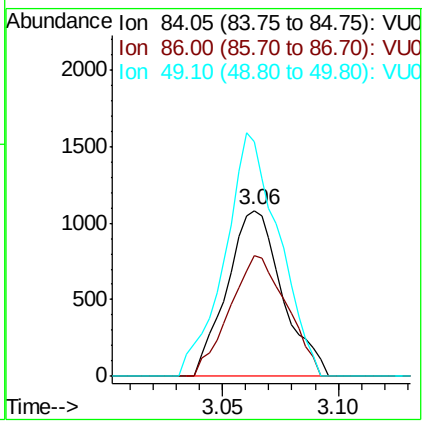


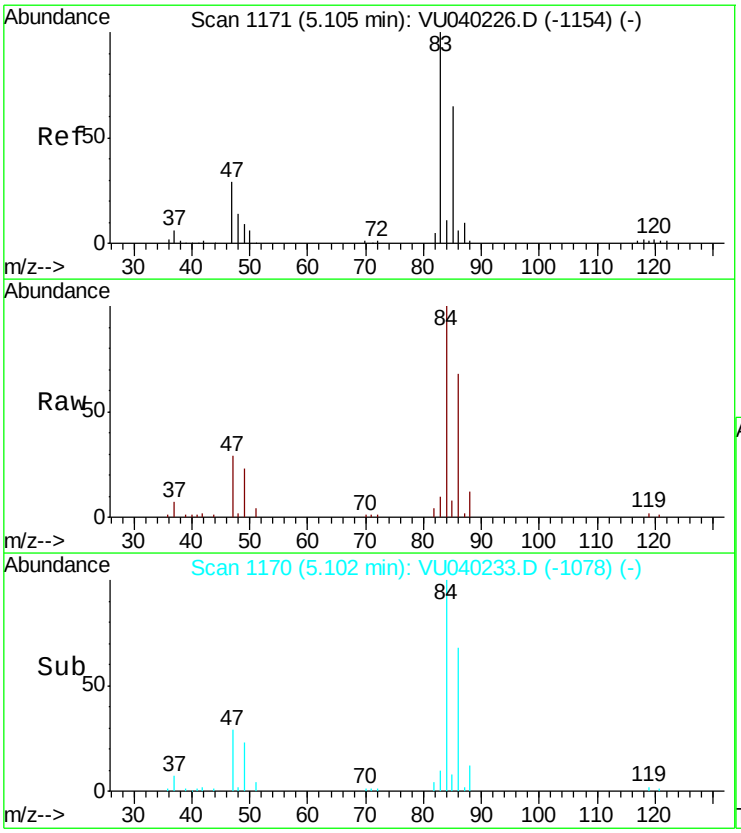

#16
Methylene chloride
Concen: 0.136 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040233.D
Acq: 21 Sep 2020 14:57

**Instrument :** MSVOA_U
**ClientSampleId :** VIBLK60

Tgt Ion: 84 Resp: 1795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 72.8 | 45.2 | 84.0 |
| 49 | 142.0 | 104.0 | 193.2 |

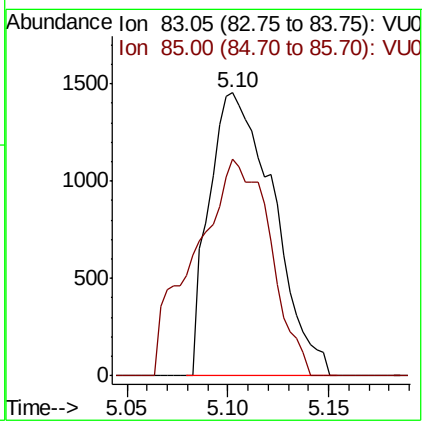


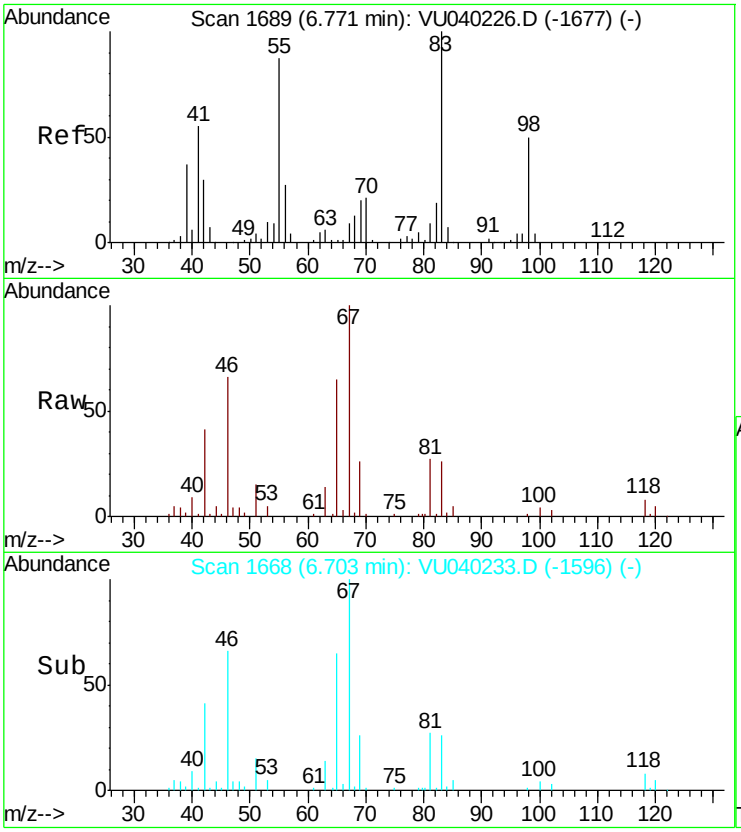




#25
Chloroform
Concen: 0.140 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040233.D
Acq: 21 Sep 2020 14:57

Tgt Ion: 83 Resp: 3215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 76.8 | 45.3 | 84.1 |



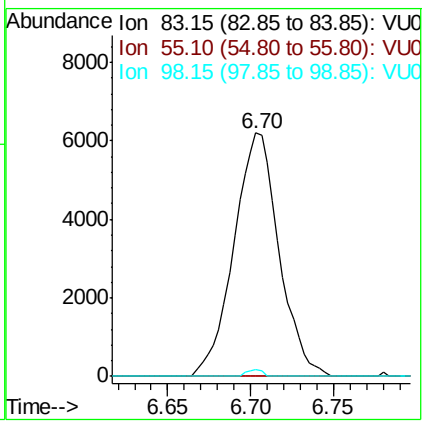


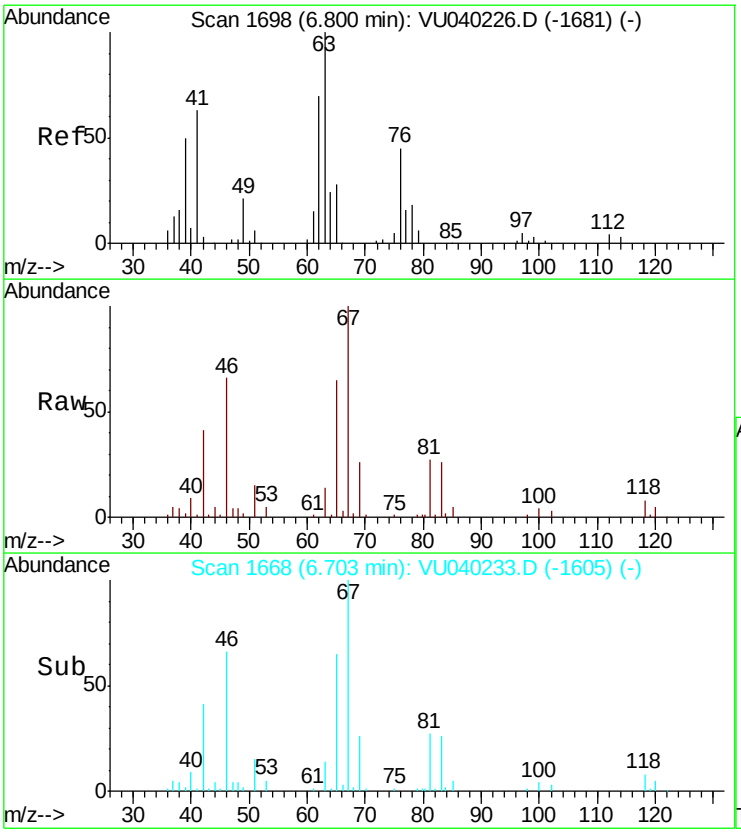

#35
Methylcyclohexane
Concen: 0.613 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040233.D
Acq: 21 Sep 2020 14:57

**Instrument :** MSVOA_U
**ClientSampleId :** VIBLK60

Tgt Ion: 83 Resp: 11711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 70.5 | 105.7# |
| 98 | 0.9 | 37.8 | 56.6# |

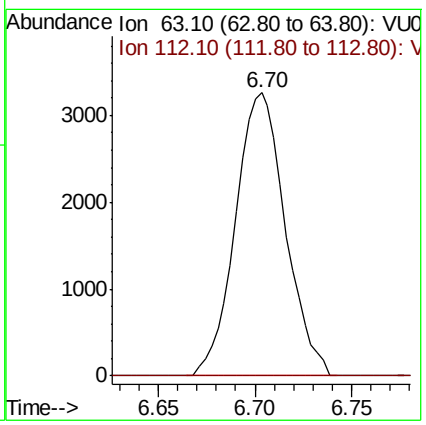


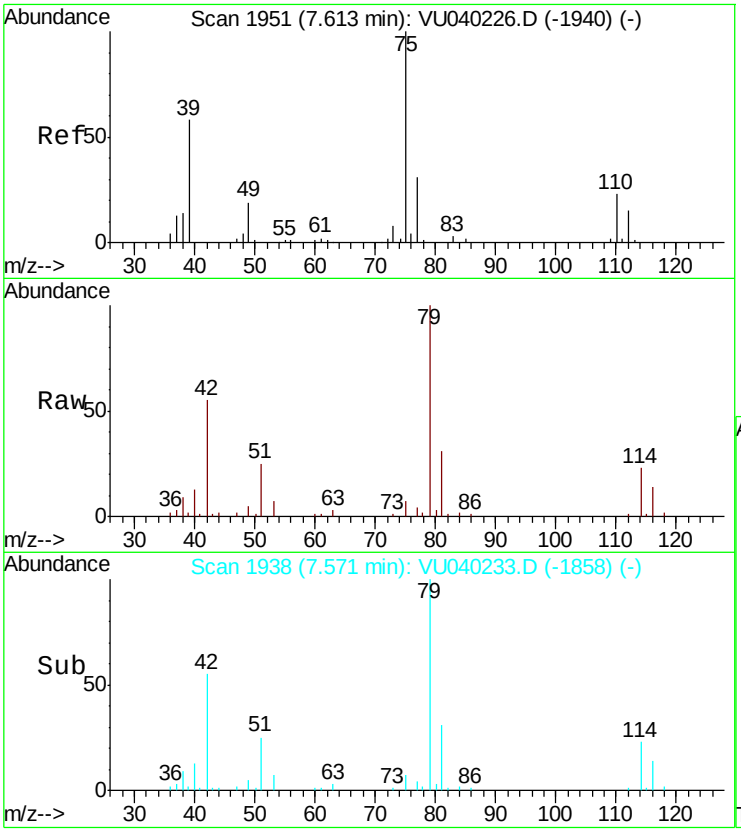




#37
1,2-Dichloropropane
Concen: 0.464 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040233.D
Acq: 21 Sep 2020 14:57

Tgt Ion: 63 Resp: 5844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.2 | 4.8# |



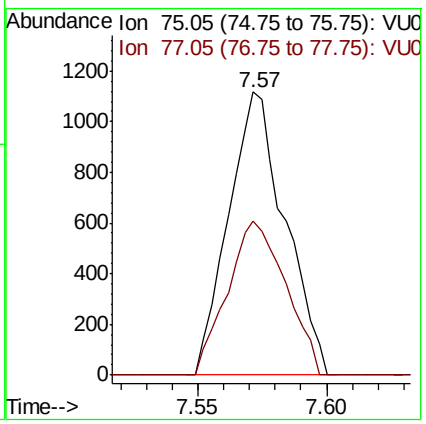


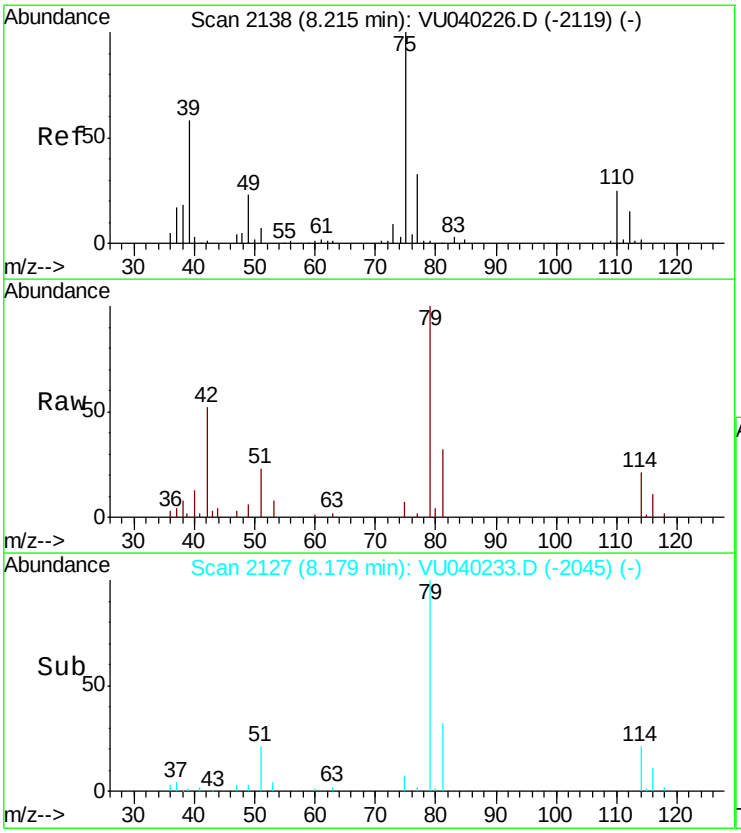

#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040233.D
Acq: 21 Sep 2020 14:57

**Instrument :**
MSVOA_U
**ClientSampleId :**
VIBLK60

Tgt Ion: 75 Resp: 1702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 54.6 | 21.1 | 39.3# |

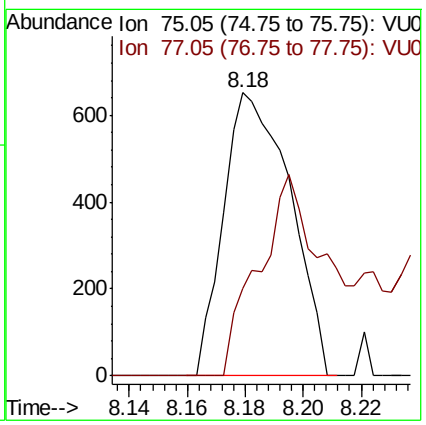


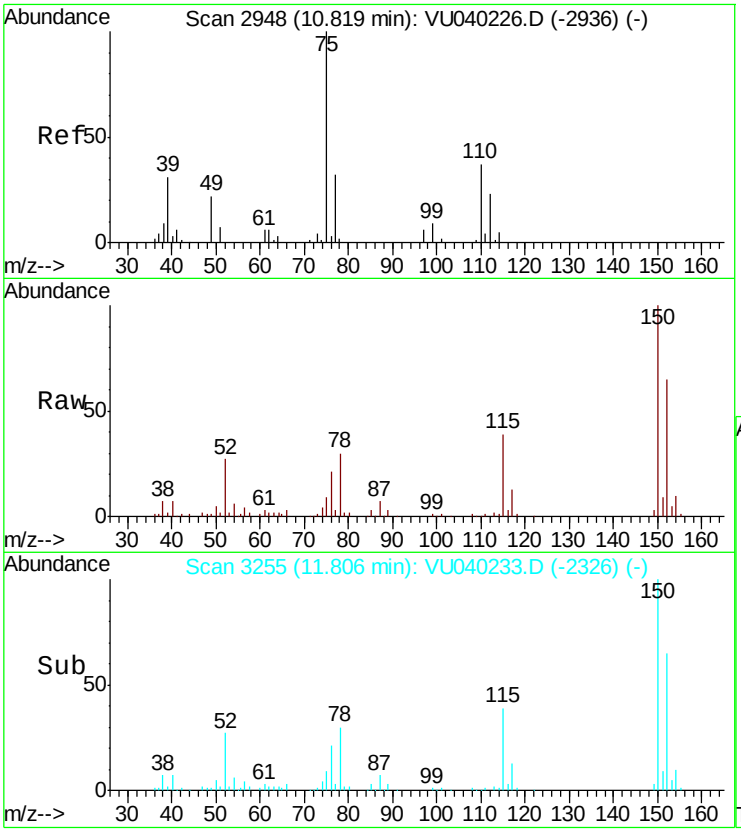




#44
trans-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 8.18 min Scan# 2127
Delta R.T. -0.04 min
Lab File: VU040233.D
Acq: 21 Sep 2020 14:57

Tgt Ion: 75 Resp: 1039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 23.9 | 44.3 |



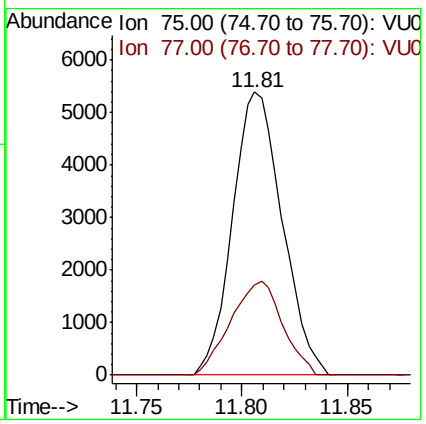


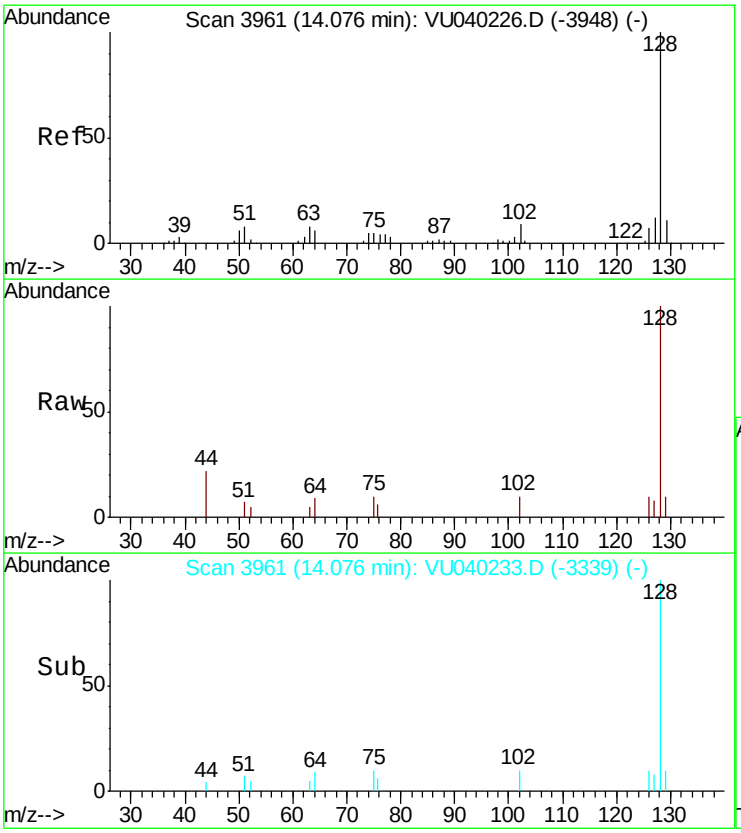

#59
1,2,3-Trichloropropane
Concen: 0.946 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU040233.D
Acq: 21 Sep 2020 14:57

**Instrument :**
MSVOA_U
**ClientSampleId :**
VIBLK60

Tgt Ion: 75 Resp: 8827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.7 | 24.9 | 37.3 |




#69
Naphthalene
Concen: 0.130 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU040233.D
Acq: 21 Sep 2020 14:57

Tgt Ion:128 Resp: 3509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 7.7 | 8.7 | 13.1# |
| 127 | 8.3 | 10.7 | 16.1# |