Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100220\
Data File : VU040453.D
Acq On : 02 Oct 2020 12:14
Operator : SY/MD
Sample : L4202-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 03 00:16:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 131289 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 130593 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 59378 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 34706 | 5.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 106.80% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 28495 | 5.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 100.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 54379 | 3.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 69.60% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 138297 | 42.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 85.66% | | | |
| 24) Chloroform-d | 5.08 | 84 | 66875 | 4.32 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 86.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 43672 | 4.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.80% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 134876 | 5.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 102.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 45631 | 4.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 95.00% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 115871 | 5.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.60% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 19274 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 98.40% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 93374 | 40.50 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 81.00% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 39685 | 4.25 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 85.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 45139 | 5.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 100.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 15) Methyl Acetate | 3.10 | 43 | 1220 | 0.188 | ug/L # | 56 |
| 16) Methylene chloride | 3.06 | 84 | 2549 | 0.203 | ug/L | 95 |
| 25) Chloroform | 5.11 | 83 | 4754 | 0.220 | ug/L | 88 |
| 35) Methylcyclohexane | 6.71 | 83 | 10492 | 0.615 | ug/L # | 13 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 5161 | 0.423 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 1352 | 0.083 | ug/L # | 24 |
| 44) trans-1,3-Dichloropropene | 8.19 | 75 | 1056 | 0.070 | ug/L | 86 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 8061 | 0.912 | ug/L | 90 |
| 68) 1,2,4-trichlorobenzene | 13.83 | 180 | 337 | 0.030 | ug/L # | 70 |

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

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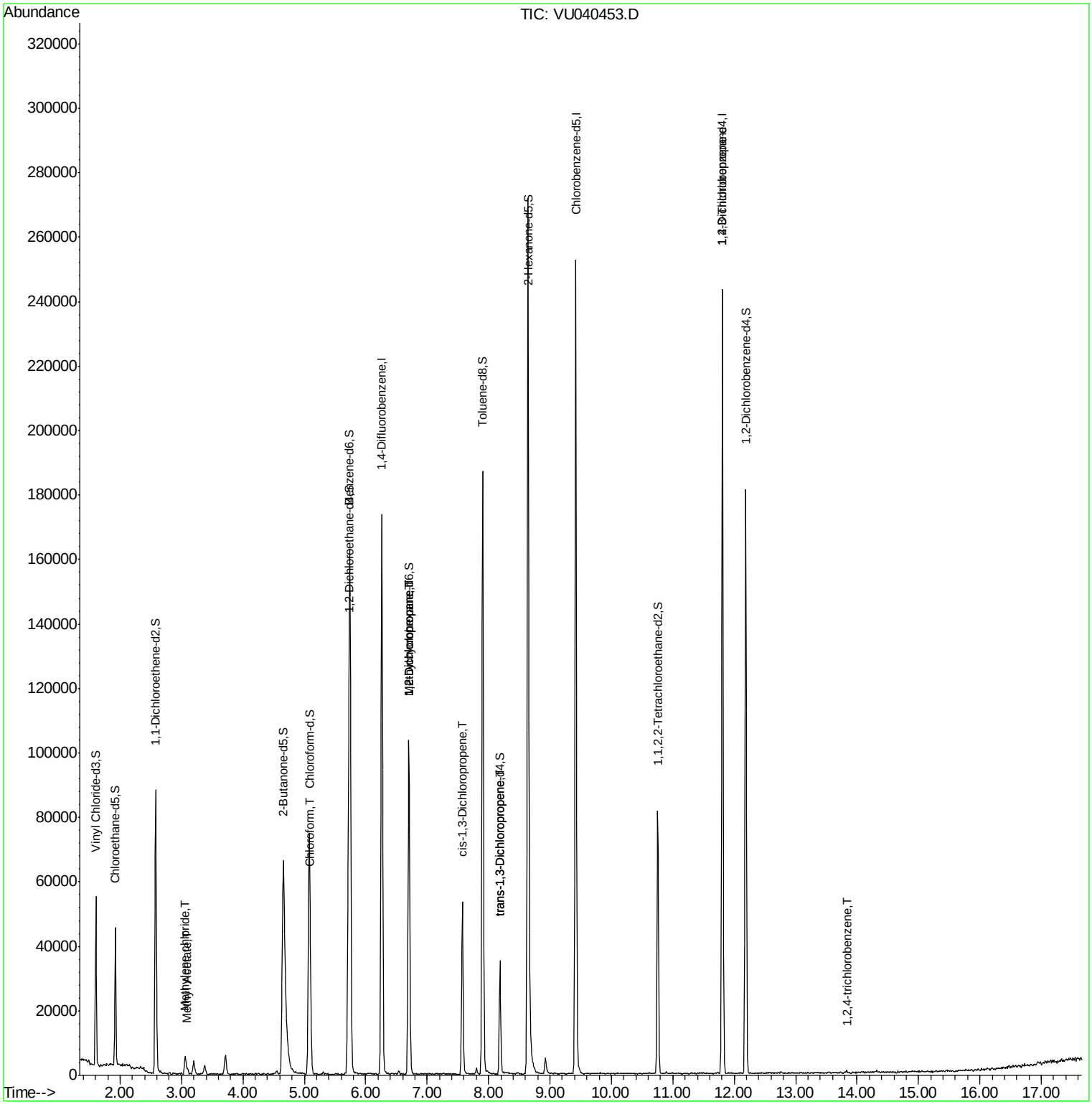
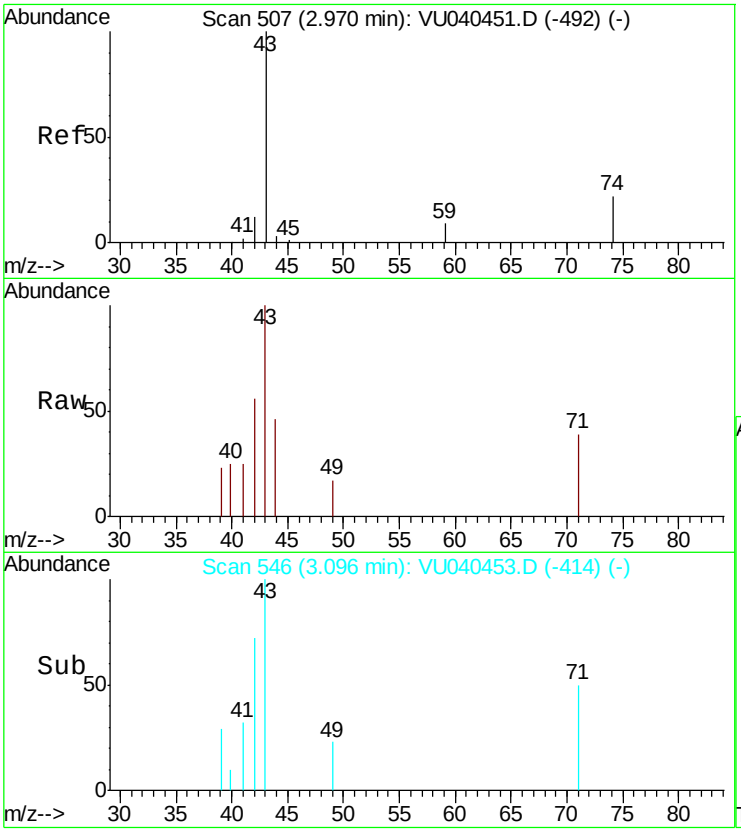
Acq On : 02 Oct 2020 12:14
Operator : SY/MD
Sample : L4202-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 03 00:16:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration



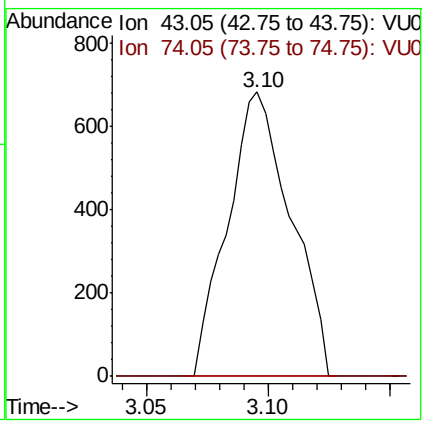


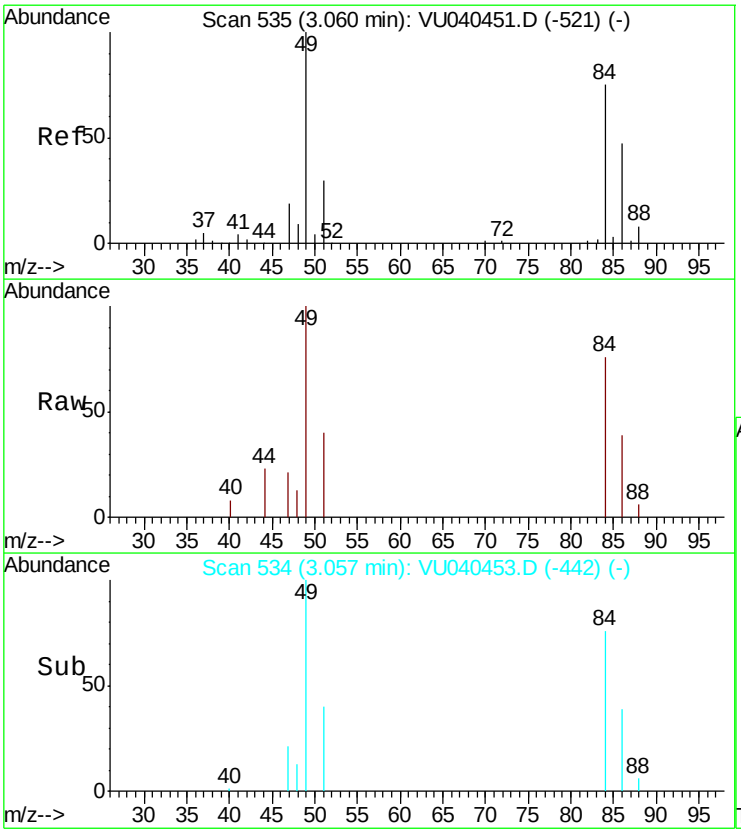

#15
Methyl Acetate
Concen: 0.188 ug/L
RT: 3.10 min Scan# 546
Delta R.T. 0.13 min
Lab File: VU040453.D
Acq: 02 Oct 2020 12:14

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

Tgt Ion: 43 Resp: 1220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 16.3 | 24.5# |

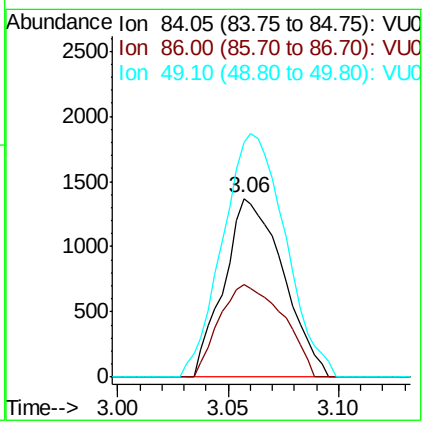


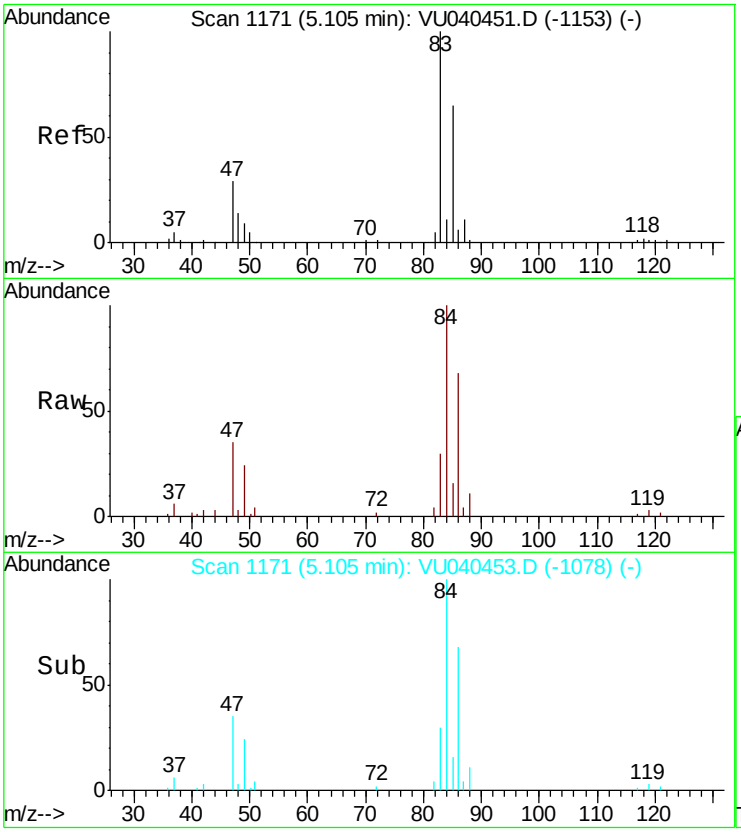




#16
Methylene chloride
Concen: 0.203 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040453.D
Acq: 02 Oct 2020 12:14

Tgt Ion: 84 Resp: 2549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 51.9 | 44.4 | 82.5 |
| 49 | 131.7 | 92.2 | 171.2 |



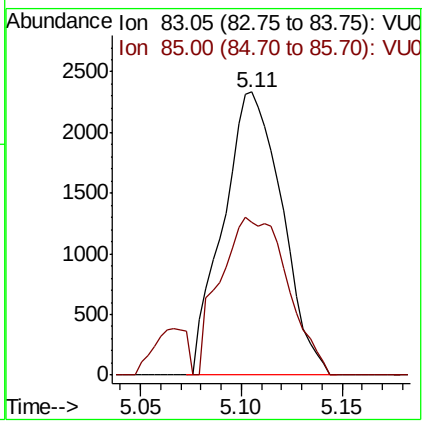


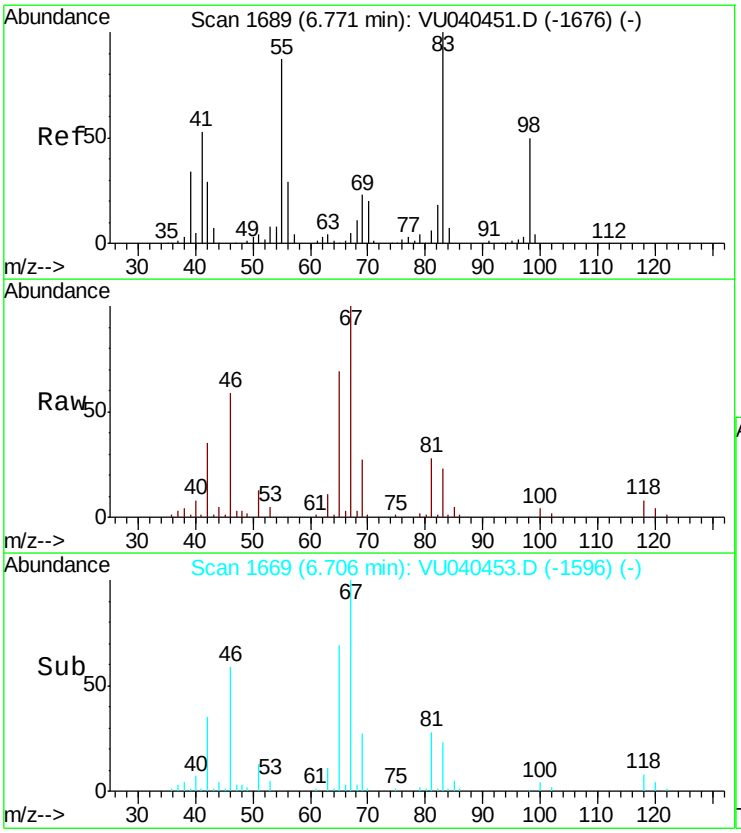

#25
Chloroform
Concen: 0.220 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040453.D
Acq: 02 Oct 2020 12:14

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

Tgt Ion: 83 Resp: 4754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 54.1 | 44.6 | 82.8 |

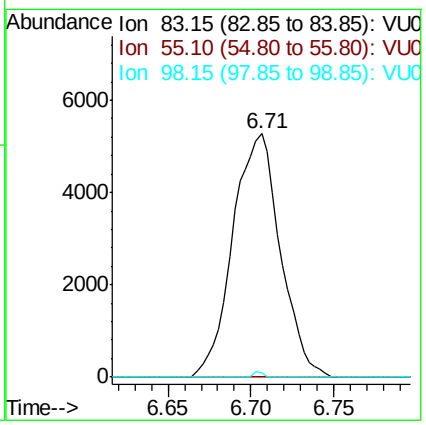


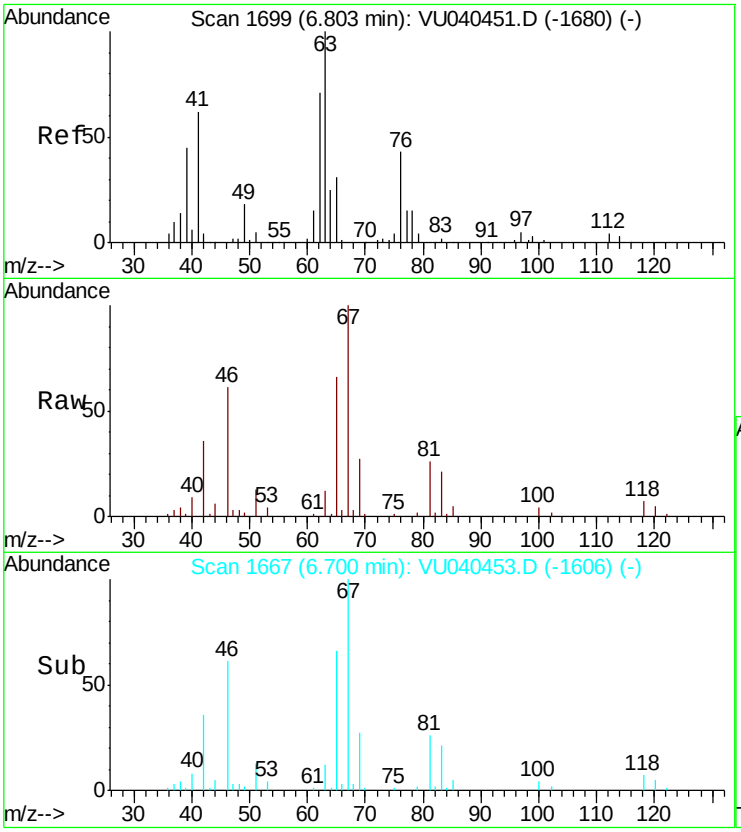




#35
Methylcyclohexane
Concen: 0.615 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU040453.D
Acq: 02 Oct 2020 12:14

Tgt Ion: 83 Resp: 10492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 71.4 | 107.2# |
| 98 | 0.4 | 38.5 | 57.7# |



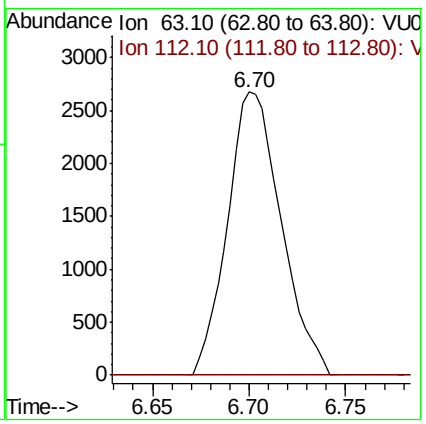


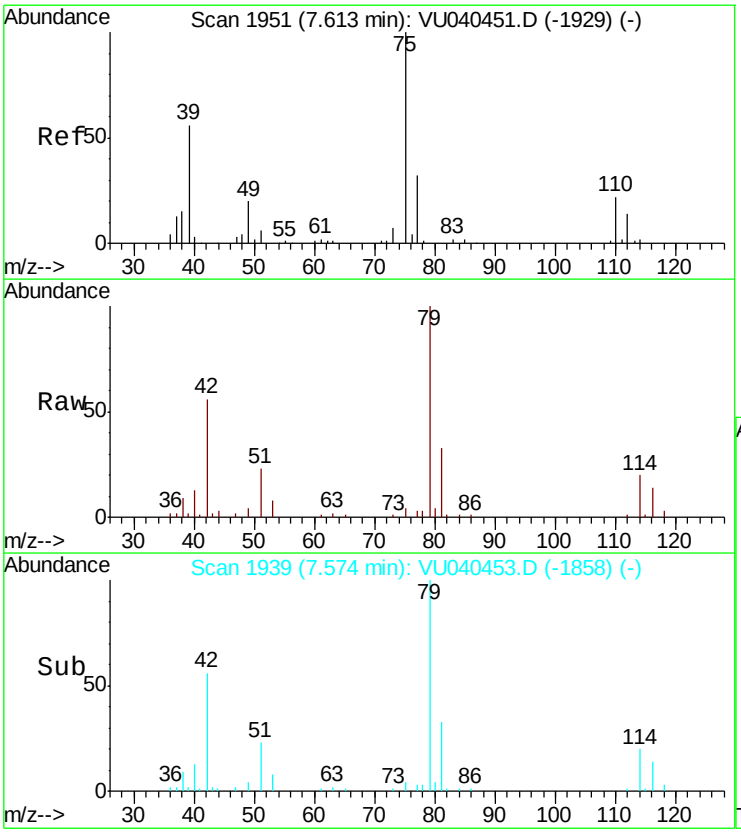

#37
1,2-Dichloropropane
Concen: 0.423 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040453.D
Acq: 02 Oct 2020 12:14

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

Tgt Ion: 63 Resp: 5161

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

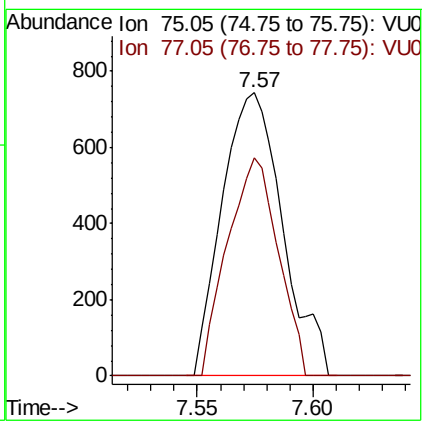


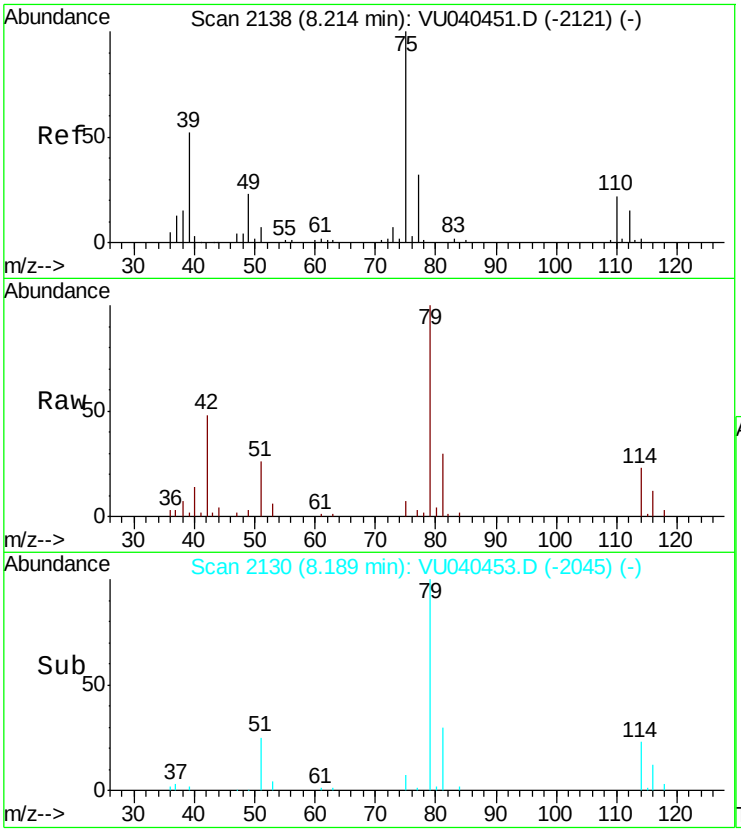




#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040453.D
Acq: 02 Oct 2020 12:14

Tgt Ion: 75 Resp: 1352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 77.0 | 23.5 | 43.7# |



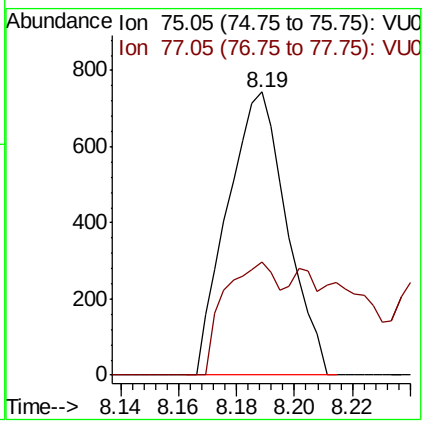


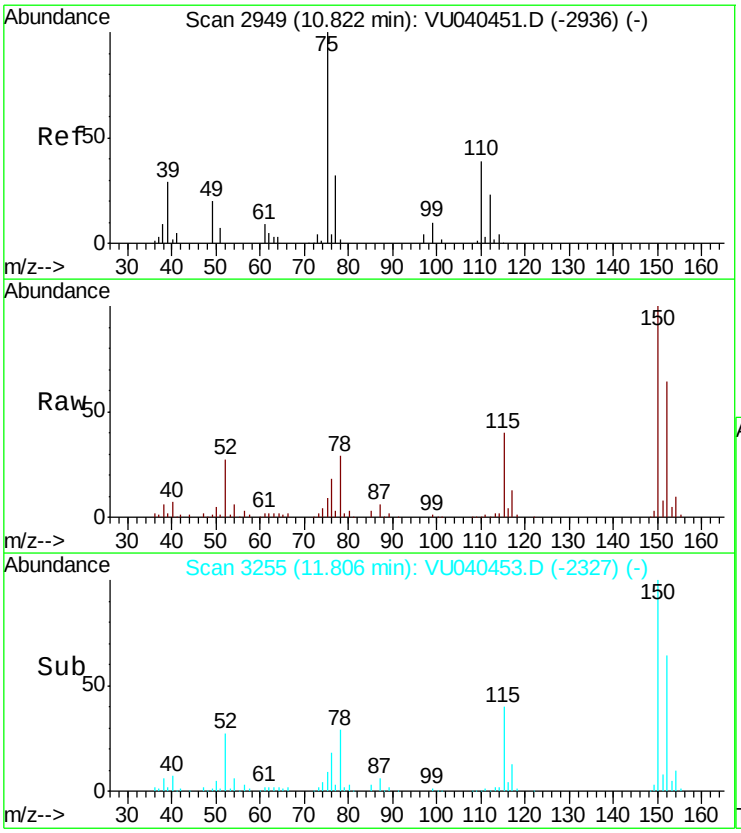

#44
trans-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040453.D
Acq: 02 Oct 2020 12:14

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

Tgt Ion: 75 Resp: 1056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.8 | 22.3 | 41.3 |

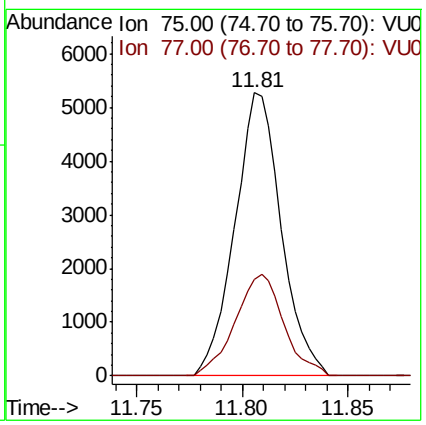


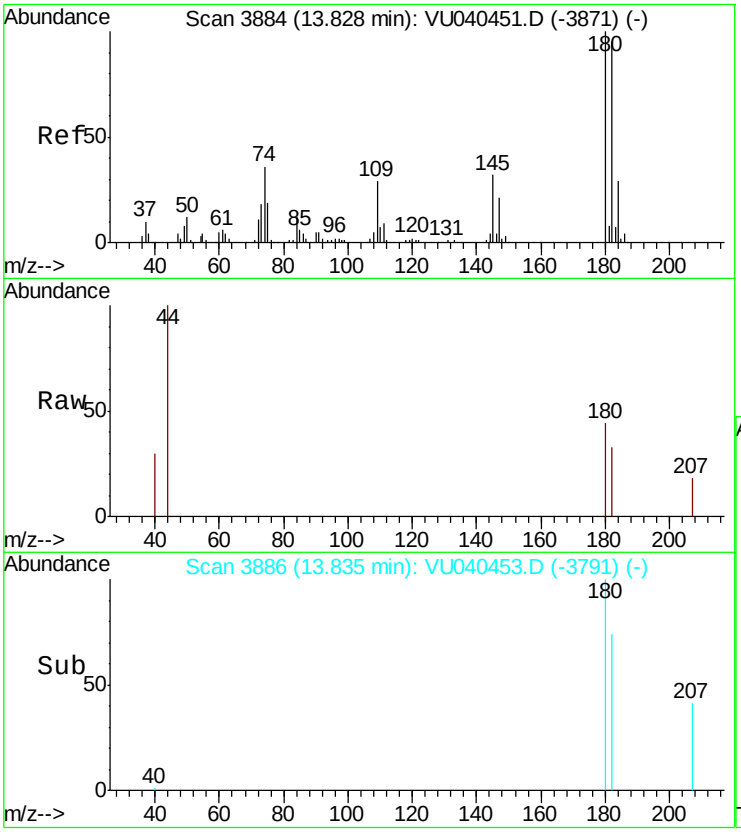




#59
1,2,3-Trichloropropane
Concen: 0.912 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040453.D
Acq: 02 Oct 2020 12:14

Tgt Ion: 75 Resp: 8061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.5 | 25.7 | 38.5 |






#68
1,2,4-trichlorobenzene
Concen: 0.030 ug/L
RT: 13.83 min Scan# 3886
Delta R.T. 0.01 min
Lab File: VU040453.D
Acq: 02 Oct 2020 12:14

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

Tgt Ion:180 Resp: 337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 75.4 | 76.6 | 115.0# |
| 145 | 0.0 | 26.3 | 39.5# |