Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051920\
Data File : VU038237.D
Acq On : 19 May 2020 16:12
Operator : JC/MD
Sample : L2657-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 20 01:28:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 20 01:25:15 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 327945 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 314776 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 149914 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 167053 | 5.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 111.40% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 142314 | 5.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 109.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 202056 | 4.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 80.60% | | | |
| 20) 2-Butanone-d5 | 4.67 | 46 | 474490 | 64.11 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 128.22% | | | |
| 24) Chloroform-d | 5.10 | 84 | 251470 | 5.52 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 110.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 152895 | 5.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 117.20% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 543903 | 5.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 115.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 177353 | 5.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 116.60% | | | |
| 41) Toluene-d8 | 7.92 | 98 | 482786 | 5.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 114.00% | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 66878 | 5.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 109.60% | | | |
| 46) 2-Hexanone-d5 | 8.65 | 63 | 359094 | 62.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 124.72% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 141579 | 5.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 117.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.20 | 152 | 173292 | 5.94 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 118.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.59 | 96 | 1669 | 0.073 | ug/L # | 1 |
| 16) Methylene chloride | 3.08 | 84 | 2177 | 0.082 | ug/L | 84 |
| 35) Methylcyclohexane | 6.72 | 83 | 40215 | 0.985 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.72 | 63 | 18443 | 0.674 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.59 | 75 | 4559 | 0.116 | ug/L # | 78 |
| 48) 2-Hexanone | 8.71 | 43 | 22474 | 1.617 | ug/L # | 91 |
| 59) 1,2,3-Trichloropropane | 11.83 | 75 | 20268 | 1.103 | ug/L | 95 |

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

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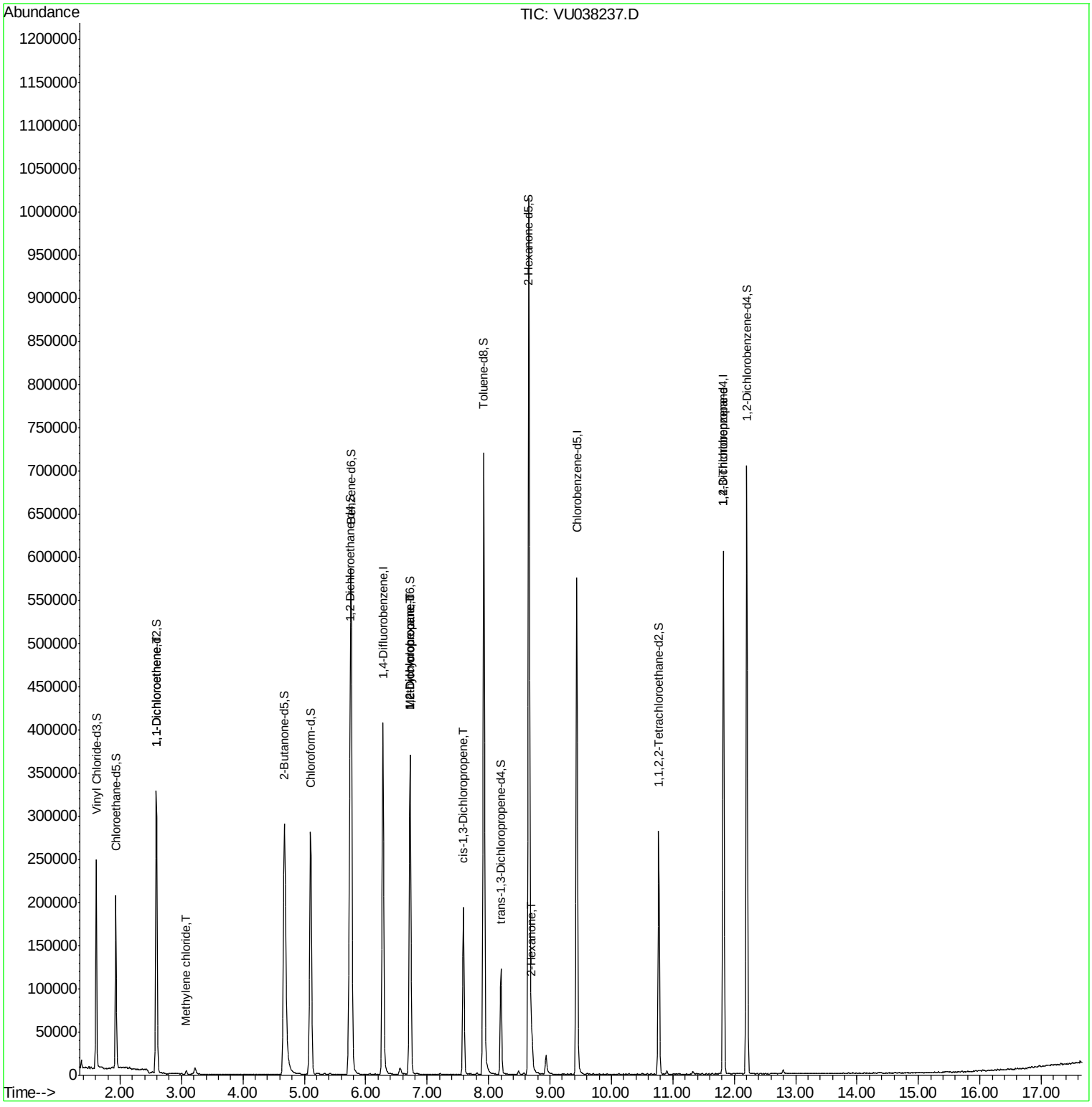
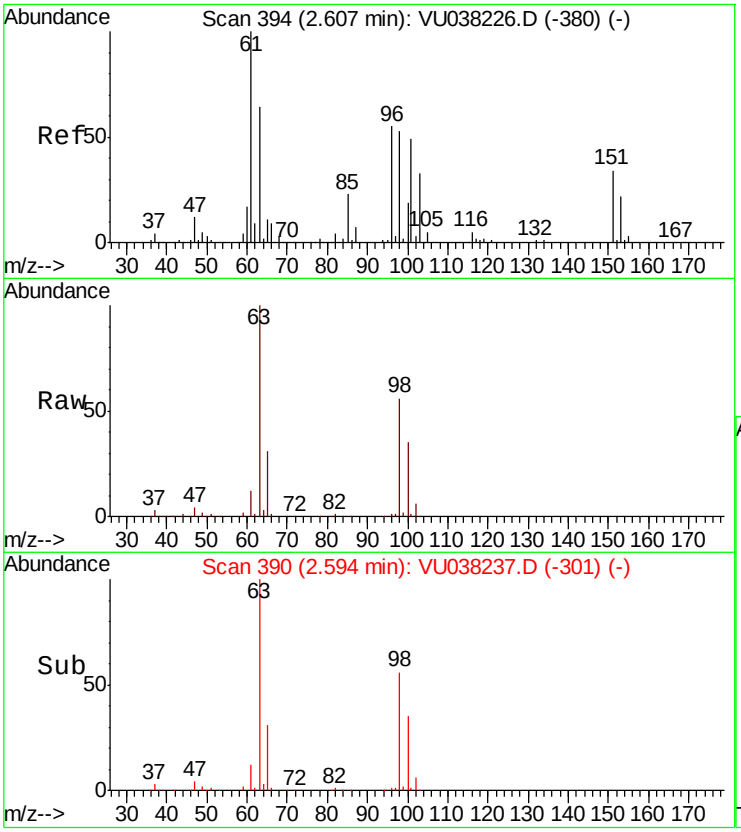
Sample : L2657-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: May 20 01:28:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 20 01:25:15 2020
Response via : Initial Calibration



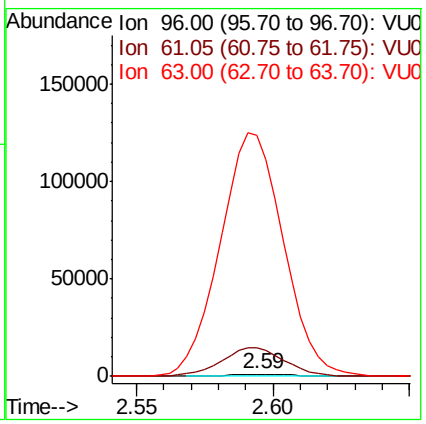


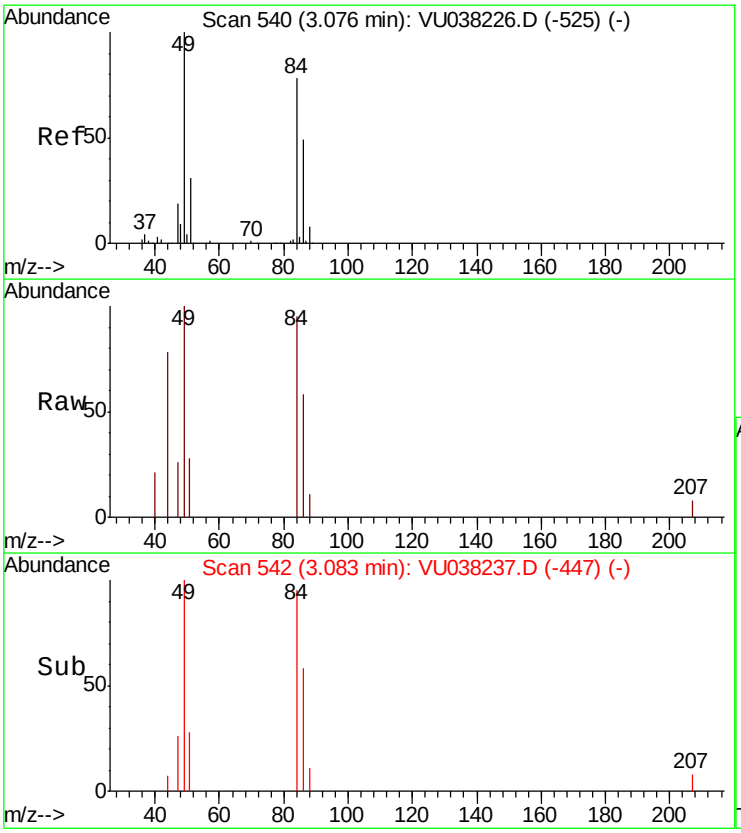

#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU038237.D
Acq: 19 May 2020 16:12

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

Tgt Ion: 96 Resp: 1669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1445.6 | 126.2 | 234.4# |
| 63 | 12094.8 | 96.9 | 179.9# |

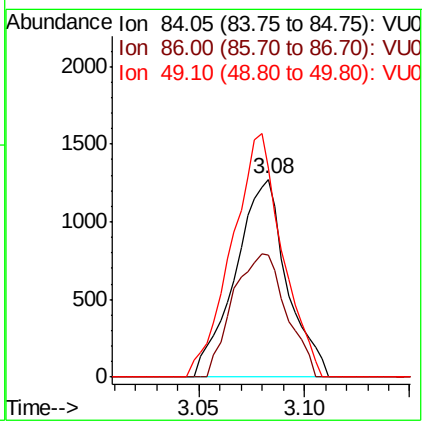


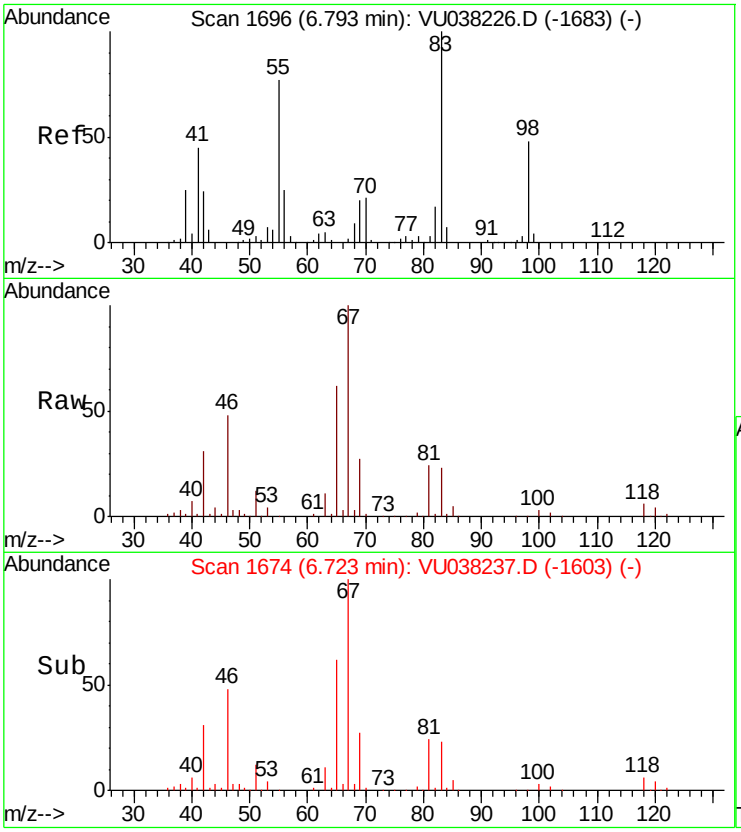




#16
Methylene chloride
Concen: 0.082 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.01 min
Lab File: VU038237.D
Acq: 19 May 2020 16:12

Tgt Ion: 84 Resp: 2177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 61.6 | 44.9 | 83.3 |
| 49 | 105.5 | 92.0 | 170.9 |



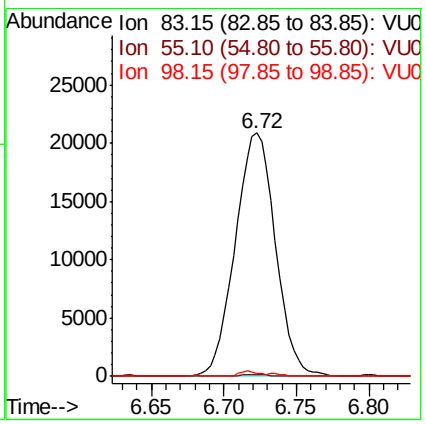


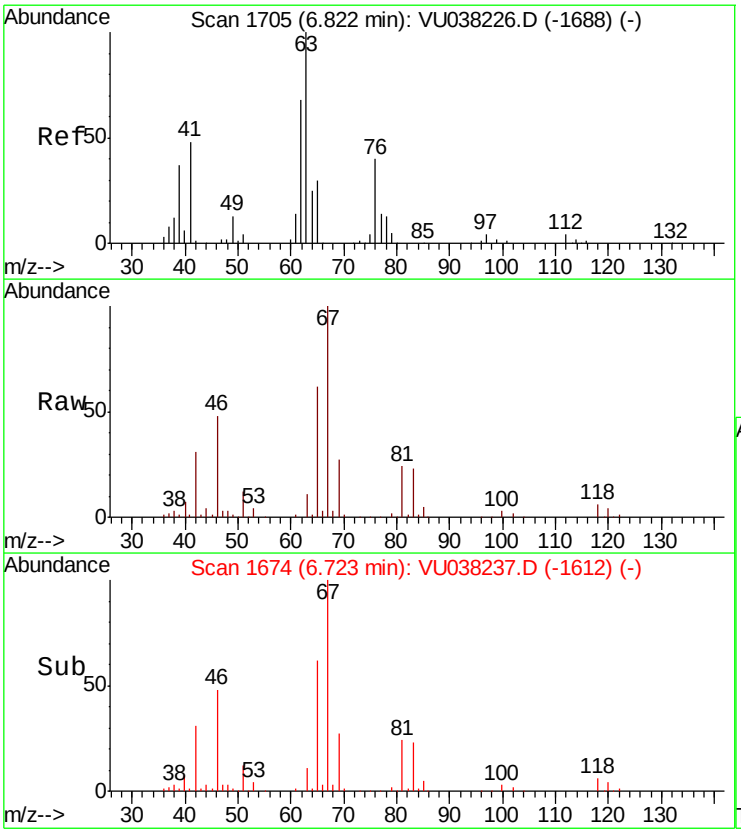

#35
Methylcyclohexane
Concen: 0.985 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038237.D
Acq: 19 May 2020 16:12

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

Tgt Ion: 83 Resp: 40215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 66.7 | 100.1# |
| 98 | 1.1 | 39.4 | 59.2# |

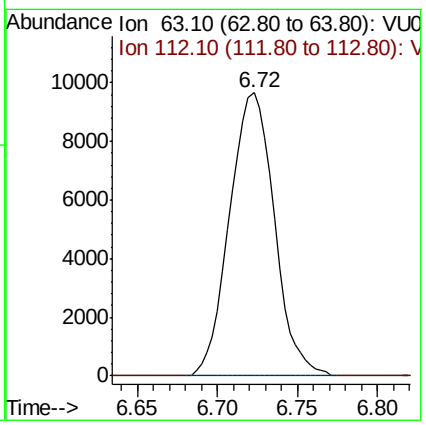


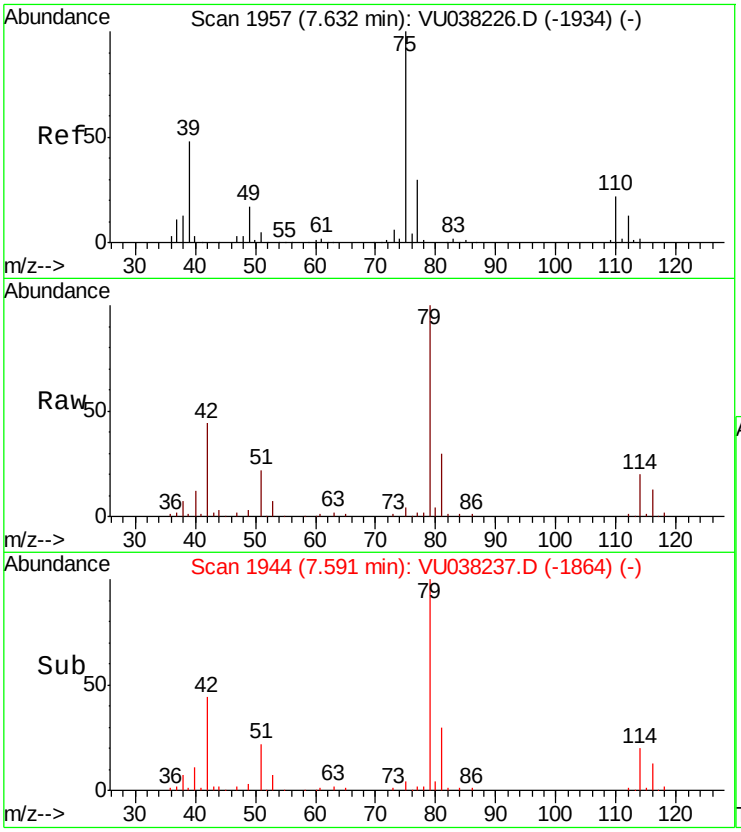




#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038237.D
Acq: 19 May 2020 16:12

Tgt Ion: 63 Resp: 18443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.1 | 4.7# |



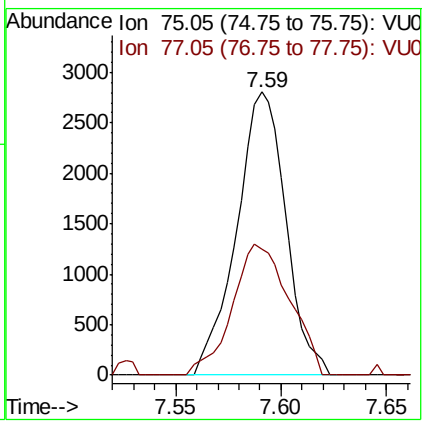


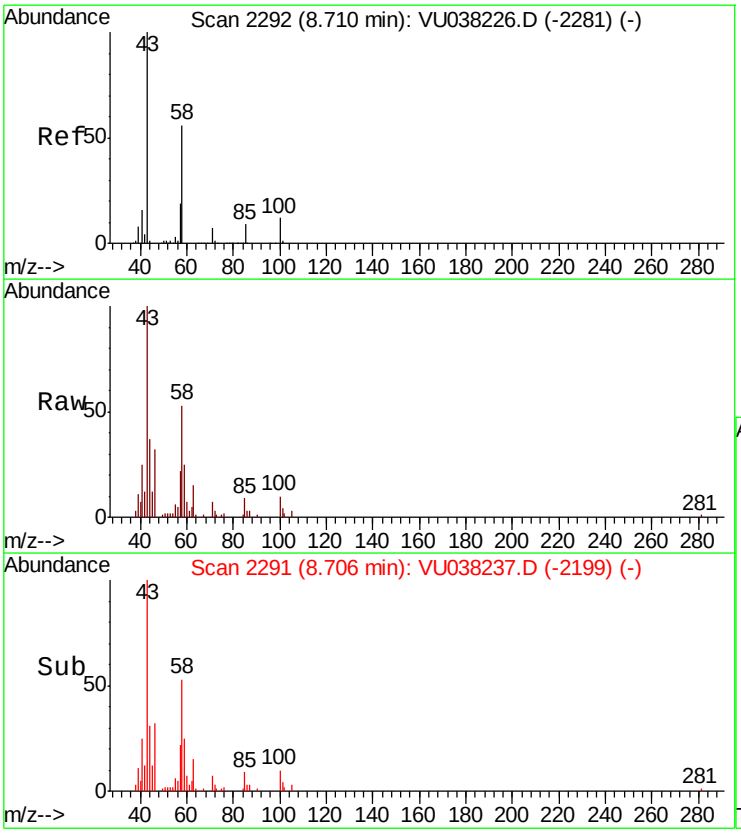

#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038237.D
Acq: 19 May 2020 16:12

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

Tgt Ion: 75 Resp: 4559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.5 | 22.4 | 41.6# |

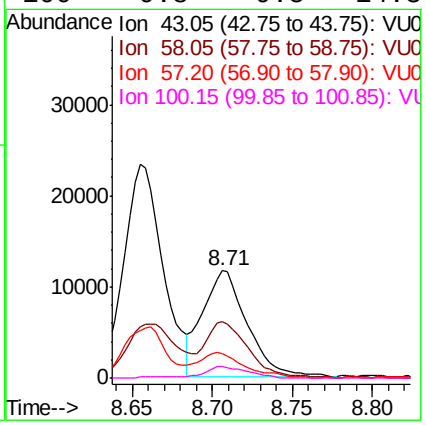


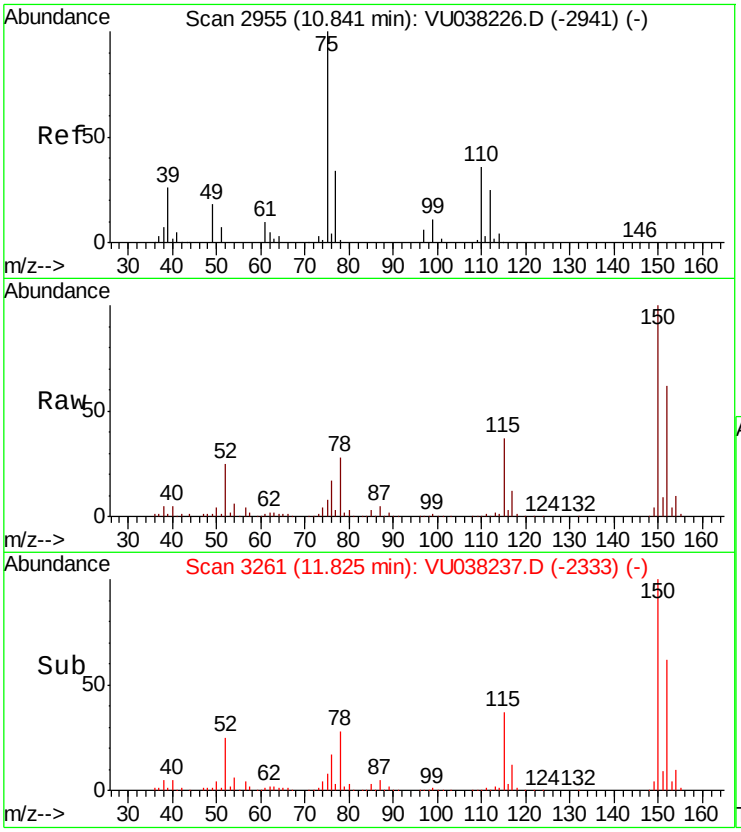




#48
2-Hexanone
Concen: 1.617 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038237.D
Acq: 19 May 2020 16:12

Tgt Ion: 43 Resp: 22474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 49.5 | 45.2 | 67.8 |
| 57 | 24.7 | 15.5 | 23.3# |
| 100 | 9.8 | 9.5 | 14.3 |






#59
1,2,3-Trichloropropane
Concen: 1.103 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038237.D
Acq: 19 May 2020 16:12

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

Tgt Ion: 75 Resp: 20268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.4 | 25.4 | 38.0 |