Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053120\
Data File : VU038442.D
Acq On : 31 May 2020 03:10
Operator : JC/MD
Sample : L2787-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 01 06:30:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 06:27:31 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 306739 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 303526 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152 | 146071 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 96120 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 96.80% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 81357 | 5.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 106.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 141565 | 3.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.40% | | | |
| 20) 2-Butanone-d5 | 4.68 | 46 | 364049 | 60.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 120.72% | | | |
| 24) Chloroform-d | 5.10 | 84 | 193799 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 116735 | 5.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 110.20% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 394842 | 5.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 121981 | 5.24 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 104.80% | | | |
| 41) Toluene-d8 | 7.92 | 98 | 334092 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 49030 | 4.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 97.80% | | | |
| 46) 2-Hexanone-d5 | 8.66 | 63 | 305956 | 61.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 123.66% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 109585 | 5.54 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 110.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.20 | 152 | 137298 | 5.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 109.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.59 | 96 | 1244 | 0.066 | ug/L # | 1 |
| 13) Acetone | 2.68 | 43 | 22032 | 5.582 | ug/L | 95 |
| 19) 1,1-Dichloroethane | 3.91 | 63 | 3426 | 0.094 | ug/L | 95 |
| 21) 2-Butanone | 4.85 | 43 | 215740 | 32.499 | ug/L # | 50 |
| 25) Chloroform | 5.12 | 83 | 12007 | 0.324 | ug/L | 91 |
| 30) Cyclohexane | 5.42 | 56 | 5358 | 0.159 | ug/L # | 92 |
| 35) Methylcyclohexane | 6.72 | 83 | 28891 | 0.849 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.72 | 63 | 13772 | 0.647 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.59 | 75 | 3199 | 0.102 | ug/L # | 56 |
| 48) 2-Hexanone | 8.71 | 43 | 15232 | 1.320 | ug/L | 95 |
| 59) 1,2,3-Trichloropropane | 11.82 | 75 | 19357 | 1.218 | ug/L | 94 |

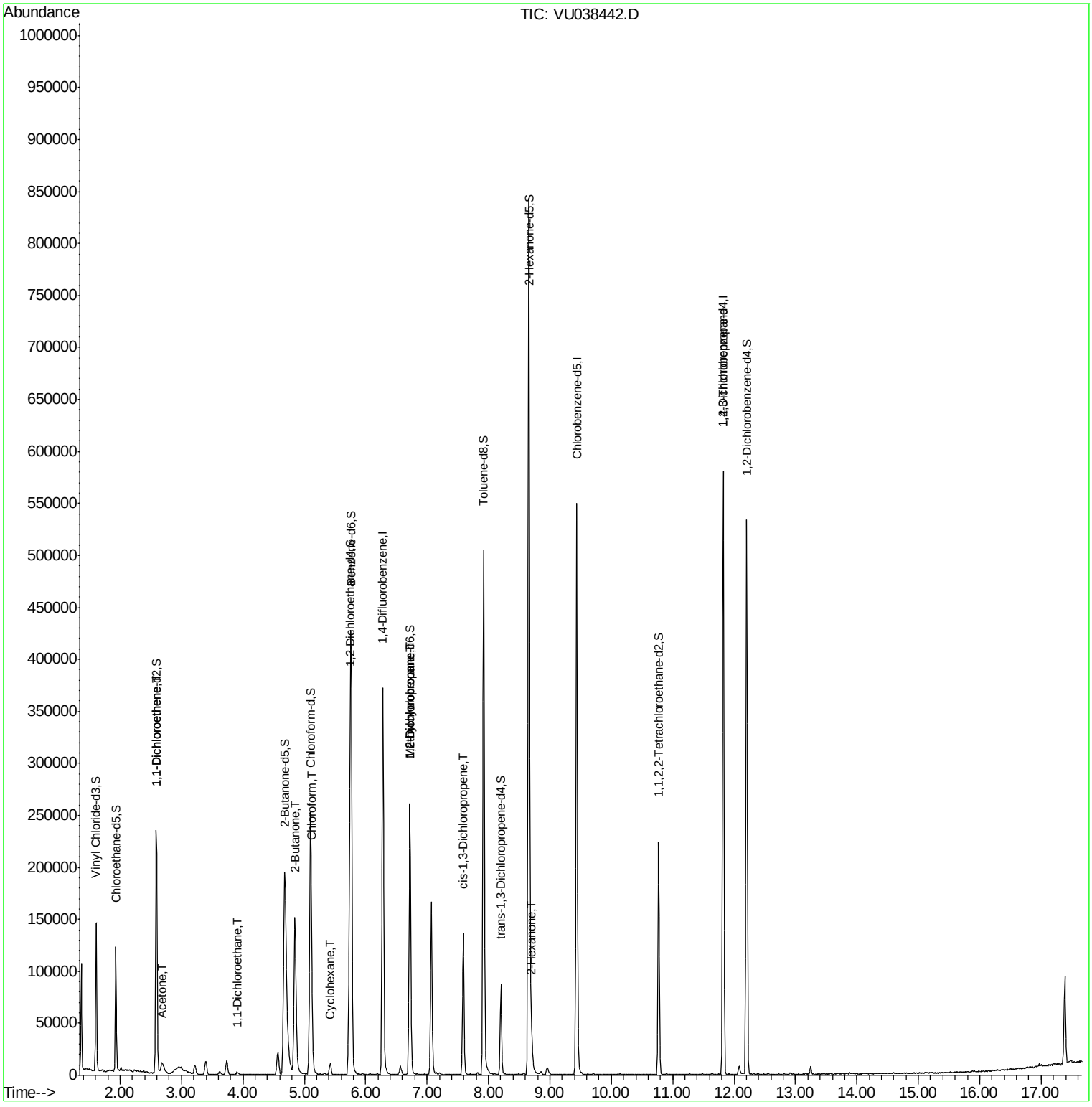
(#) = qualifier out of range (m) = manual integration (+) = signals summed

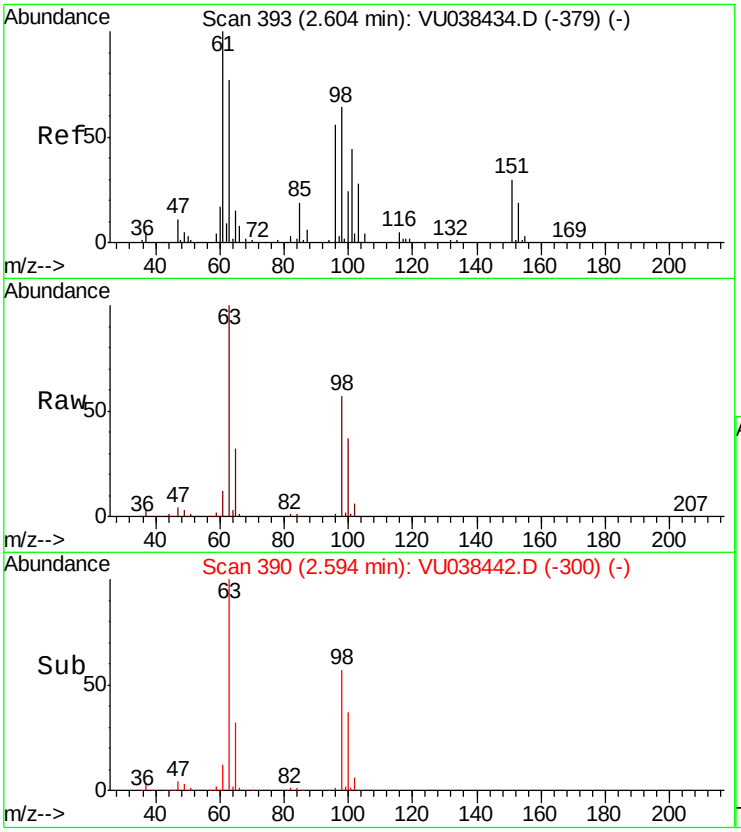
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053120\
Data File : VU038442.D
Acq On : 31 May 2020 03:10
Operator : JC/MD
Sample : L2787-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 01 06:30:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 06:27:31 2020
Response via : Initial Calibration



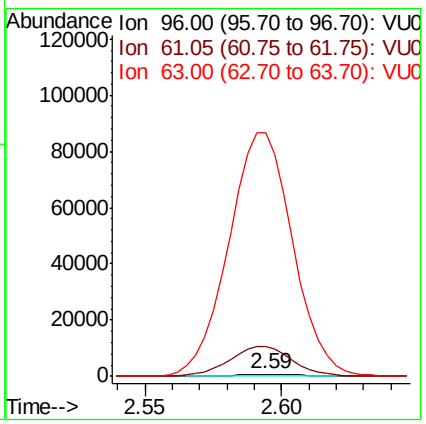


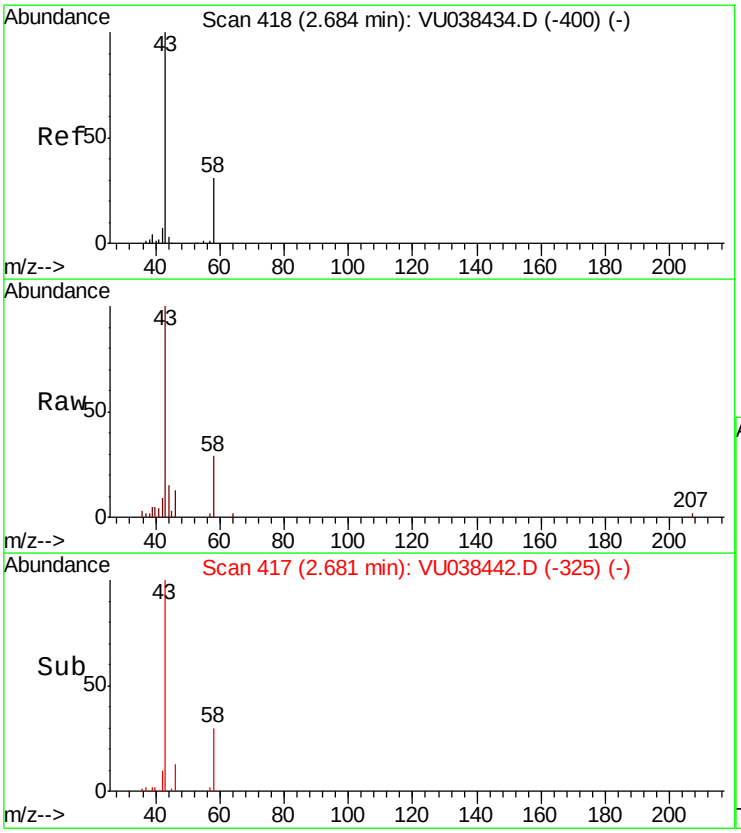

#12
1,1-Dichloroethene
Concen: 0.066 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU038442.D
Acq: 31 May 2020 03:10

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

Tgt Ion: 96 Resp: 1244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1297.2 | 119.9 | 222.7# |
| 63 | 10600.7 | 89.9 | 167.0# |

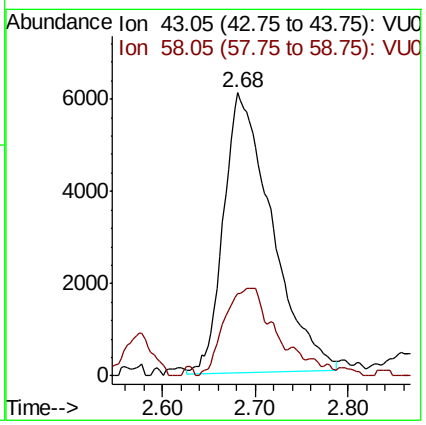


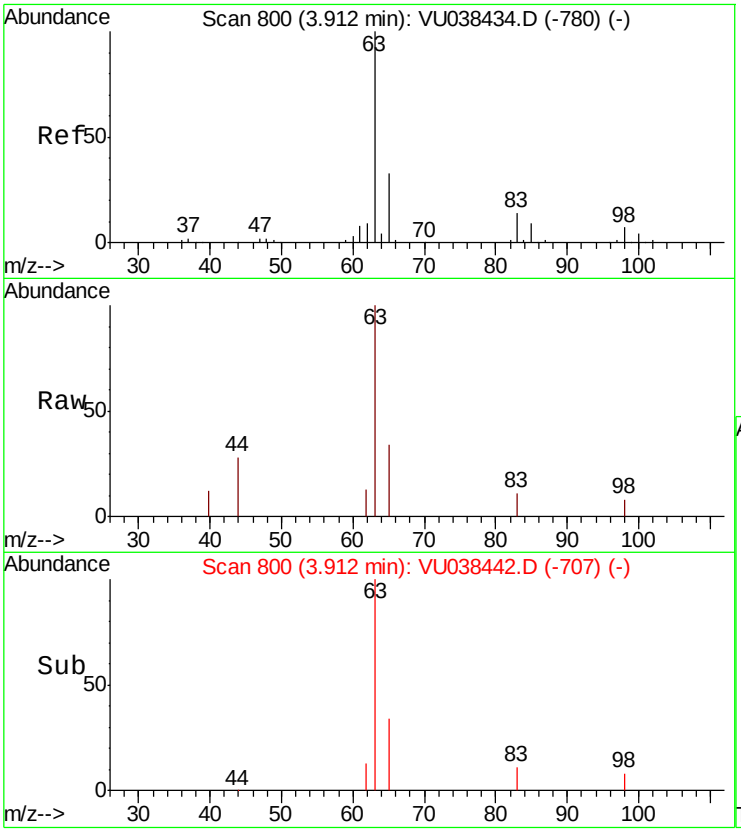




#13
Acetone
Concen: 5.582 ug/L
RT: 2.68 min Scan# 417
Delta R.T. -0.00 min
Lab File: VU038442.D
Acq: 31 May 2020 03:10

Tgt Ion: 43 Resp: 22032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.0 | 0.0 | 65.6 |



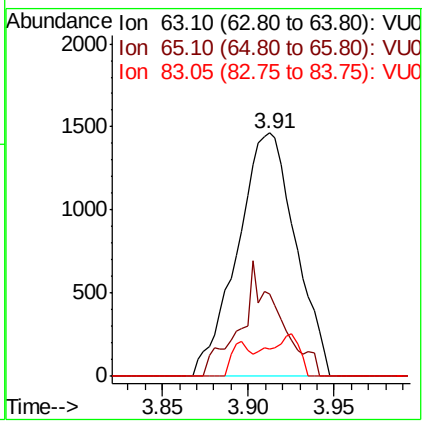


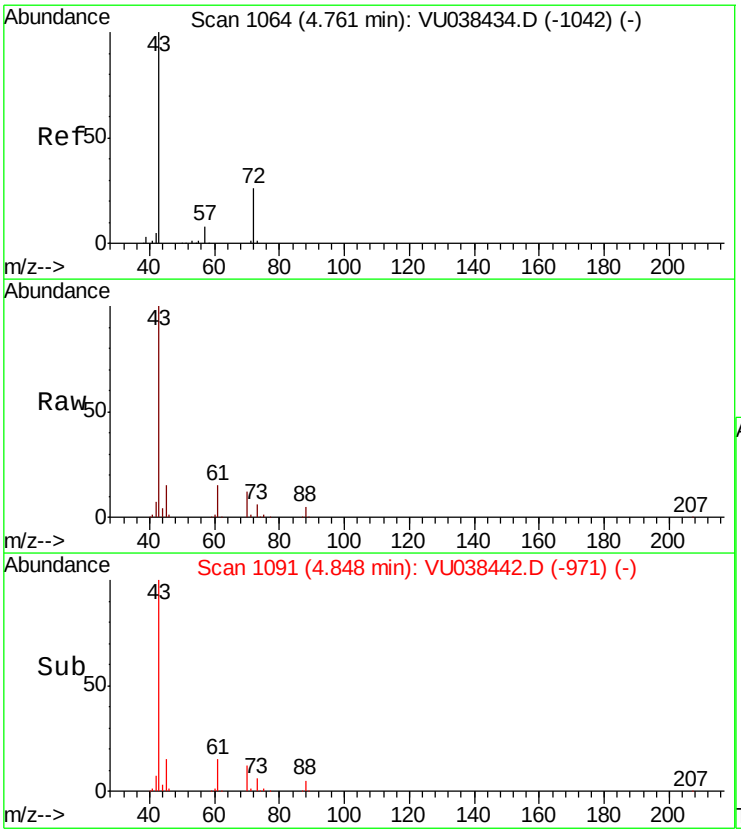

#19
1,1-Dichloroethane
Concen: 0.094 ug/L
RT: 3.91 min Scan# 800
Delta R.T. 0.00 min
Lab File: VU038442.D
Acq: 31 May 2020 03:10

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

Tgt Ion: 63 Resp: 3426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 33.9 | 22.3 | 41.5 |
| 83 | 11.3 | 10.4 | 19.4 |

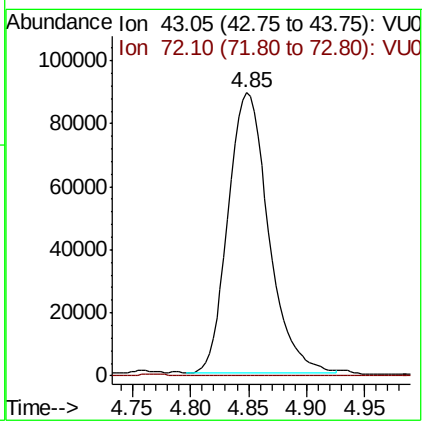


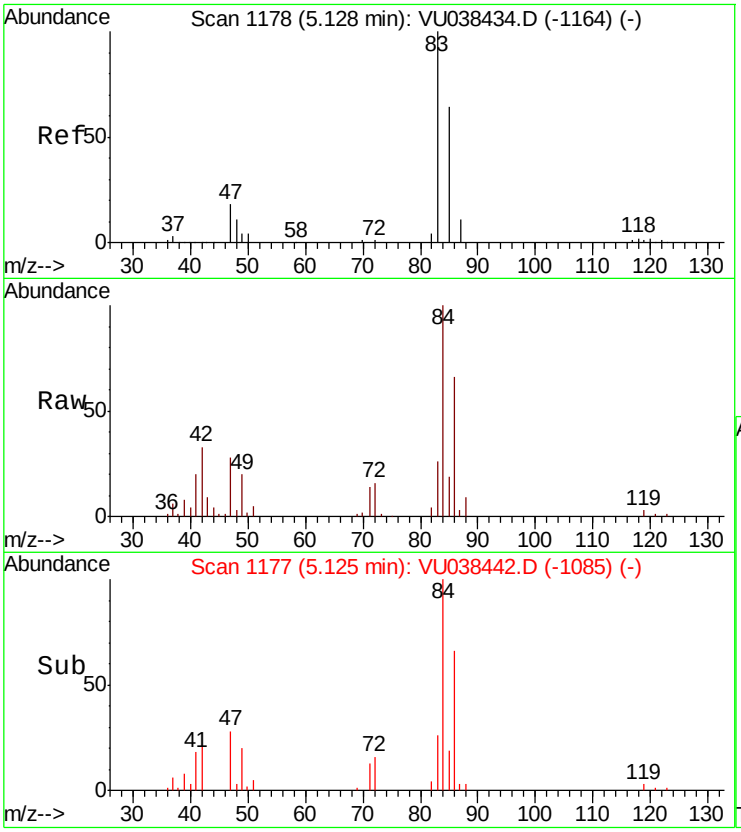




#21
2-Butanone
Concen: 32.499 ug/L
RT: 4.85 min Scan# 1091
Delta R.T. 0.09 min
Lab File: VU038442.D
Acq: 31 May 2020 03:10

Tgt Ion: 43 Resp: 215740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 12.6 | 37.8# |



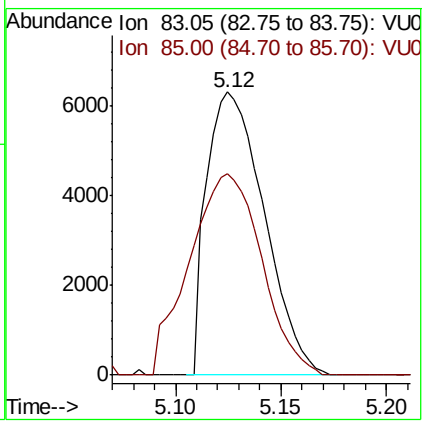


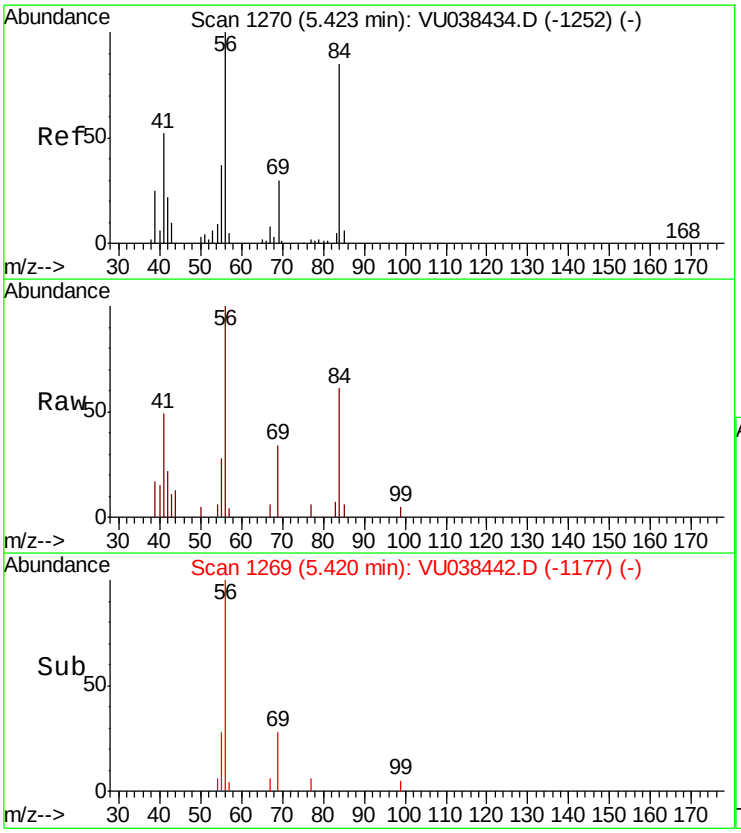

#25
Chloroform
Concen: 0.324 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038442.D
Acq: 31 May 2020 03:10

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

Tgt Ion: 83 Resp: 12007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 71.3 | 44.9 | 83.5 |

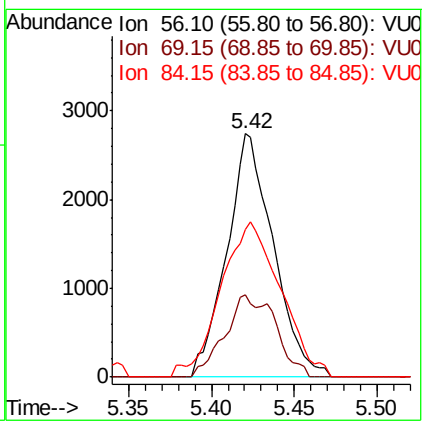


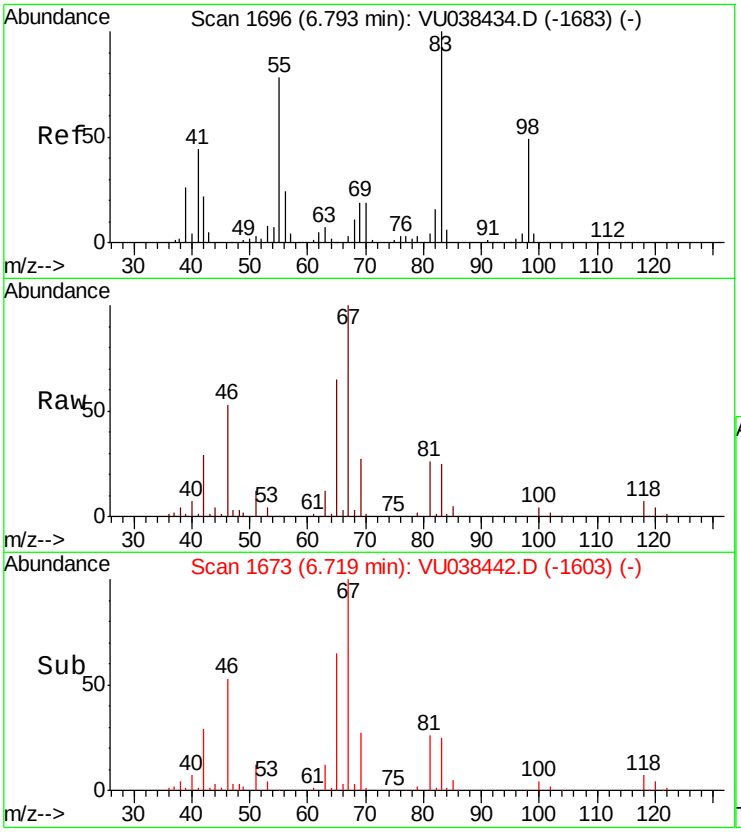




#30
Cyclohexane
Concen: 0.159 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038442.D
Acq: 31 May 2020 03:10

Tgt Ion: 56 Resp: 5358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 36.9 | 24.2 | 36.4# |
| 84 | 82.0 | 70.8 | 106.2 |



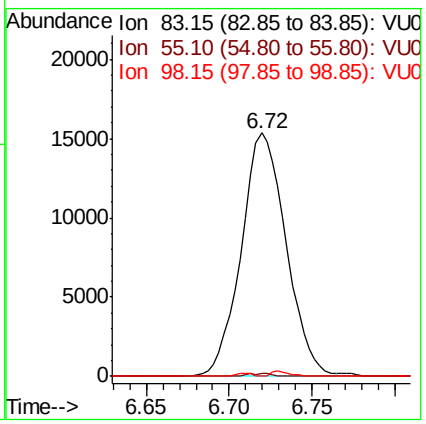


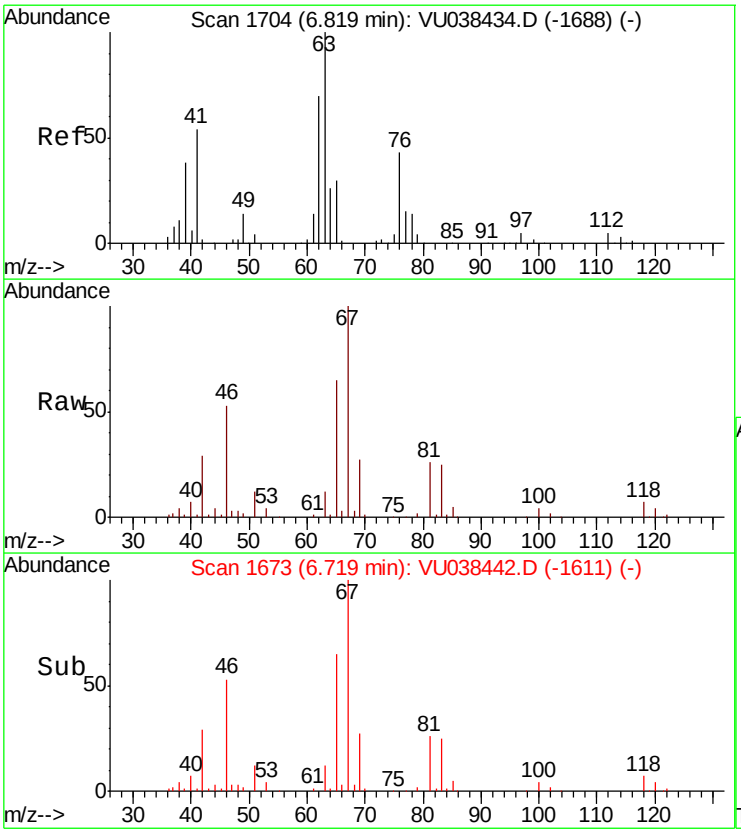

#35
Methylcyclohexane
Concen: 0.849 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038442.D
Acq: 31 May 2020 03:10

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

Tgt Ion: 83 Resp: 28891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.6 | 63.4 | 95.2# |
| 98 | 0.9 | 39.0 | 58.4# |

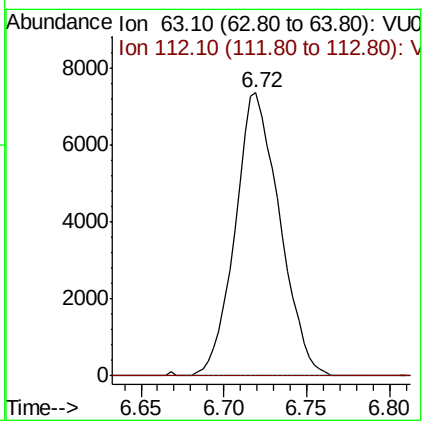


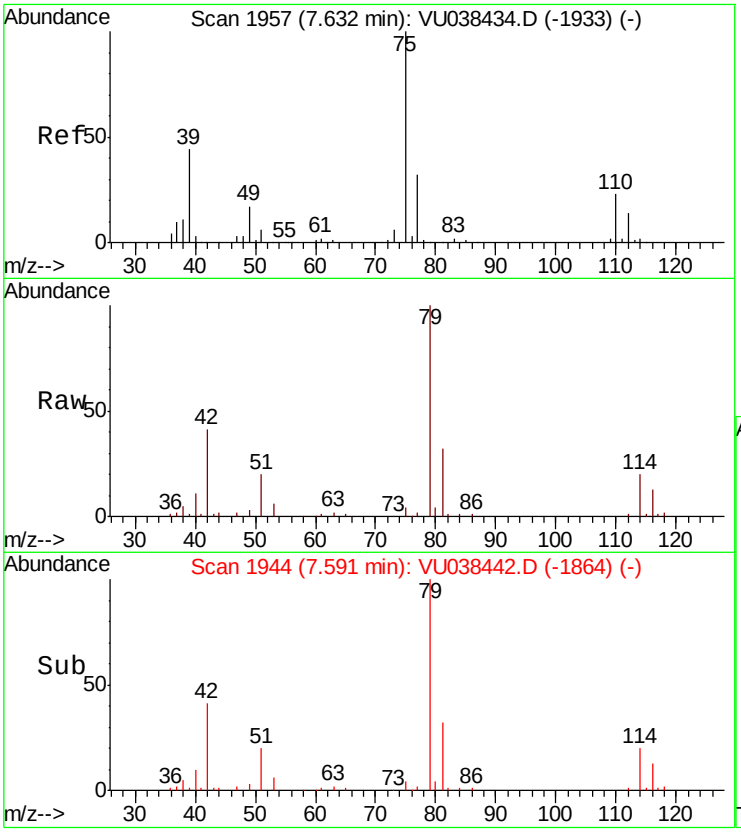




#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038442.D
Acq: 31 May 2020 03:10

Tgt Ion: 63 Resp: 13772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.7 | 5.5# |



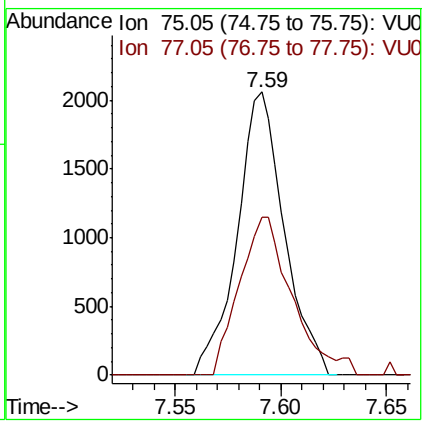


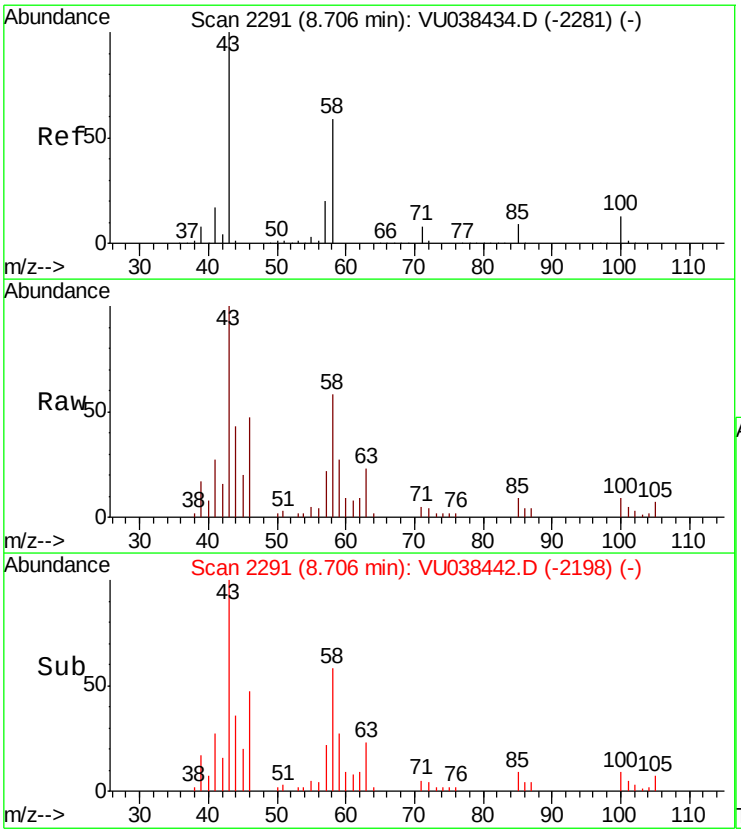

#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038442.D
Acq: 31 May 2020 03:10

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

Tgt Ion: 75 Resp: 3199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 55.8 | 21.9 | 40.7# |

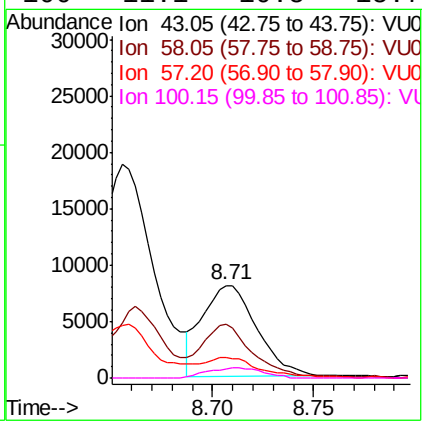


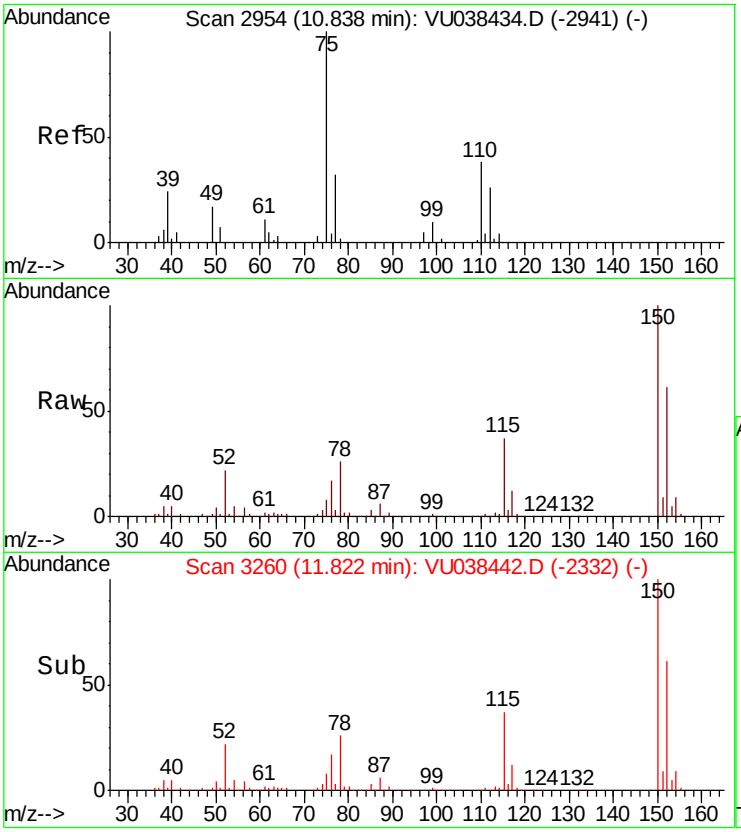




#48
2-Hexanone
Concen: 1.320 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038442.D
Acq: 31 May 2020 03:10

Tgt Ion: 43 Resp: 15232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.7 | 45.4 | 68.0 |
| 57 | 19.1 | 15.9 | 23.9 |
| 100 | 11.1 | 10.5 | 15.7 |






#59
1,2,3-Trichloropropane
Concen: 1.218 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038442.D
Acq: 31 May 2020 03:10

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

Tgt Ion: 75 Resp: 19357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.9 | 25.4 | 38.2 |