Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061320\
Data File : VU038871.D
Acq On : 13 Jun 2020 00:32
Operator : SY/MD
Sample : L2975-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 13 02:57:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 02:52:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 247623 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 254028 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152 | 113704 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 62238 | 4.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 92.20% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 61856 | 5.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 114.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 104511 | 3.40 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 68.00% | | | |
| 20) 2-Butanone-d5 | 4.67 | 46 | 302484 | 71.41 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 142.82%# | | | |
| 24) Chloroform-d | 5.10 | 84 | 170063 | 5.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 113.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 103700 | 6.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 122.80% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 320179 | 5.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 107.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 103292 | 5.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 116.40% | | | |
| 41) Toluene-d8 | 7.92 | 98 | 253626 | 4.66 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 35942 | 4.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 91.20% | | | |
| 46) 2-Hexanone-d5 | 8.65 | 63 | 247598 | 70.66 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 141.32%# | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 95776 | 6.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 123.40%# | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.20 | 152 | 111630 | 6.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 120.60%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.67 | 43 | 9723 | 2.829 | ug/L | 91 |
| 17) Methyl tert-butyl Ether | 3.40 | 73 | 15422 | 0.345 | ug/L | 96 |
| 22) cis-1,2-Dichloroethene | 4.70 | 96 | 2088 | 0.108 | ug/L | 77 |
| 34) Trichloroethene | 6.57 | 95 | 17591 | 0.878 | ug/L | 94 |
| 35) Methylcyclohexane | 6.72 | 83 | 25313 | 0.812 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.72 | 63 | 11593 | 0.600 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.59 | 75 | 2170 | 0.076 | ug/L # | 56 |
| 48) 2-Hexanone | 8.71 | 43 | 9922 | 0.998 | ug/L # | 87 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061320\
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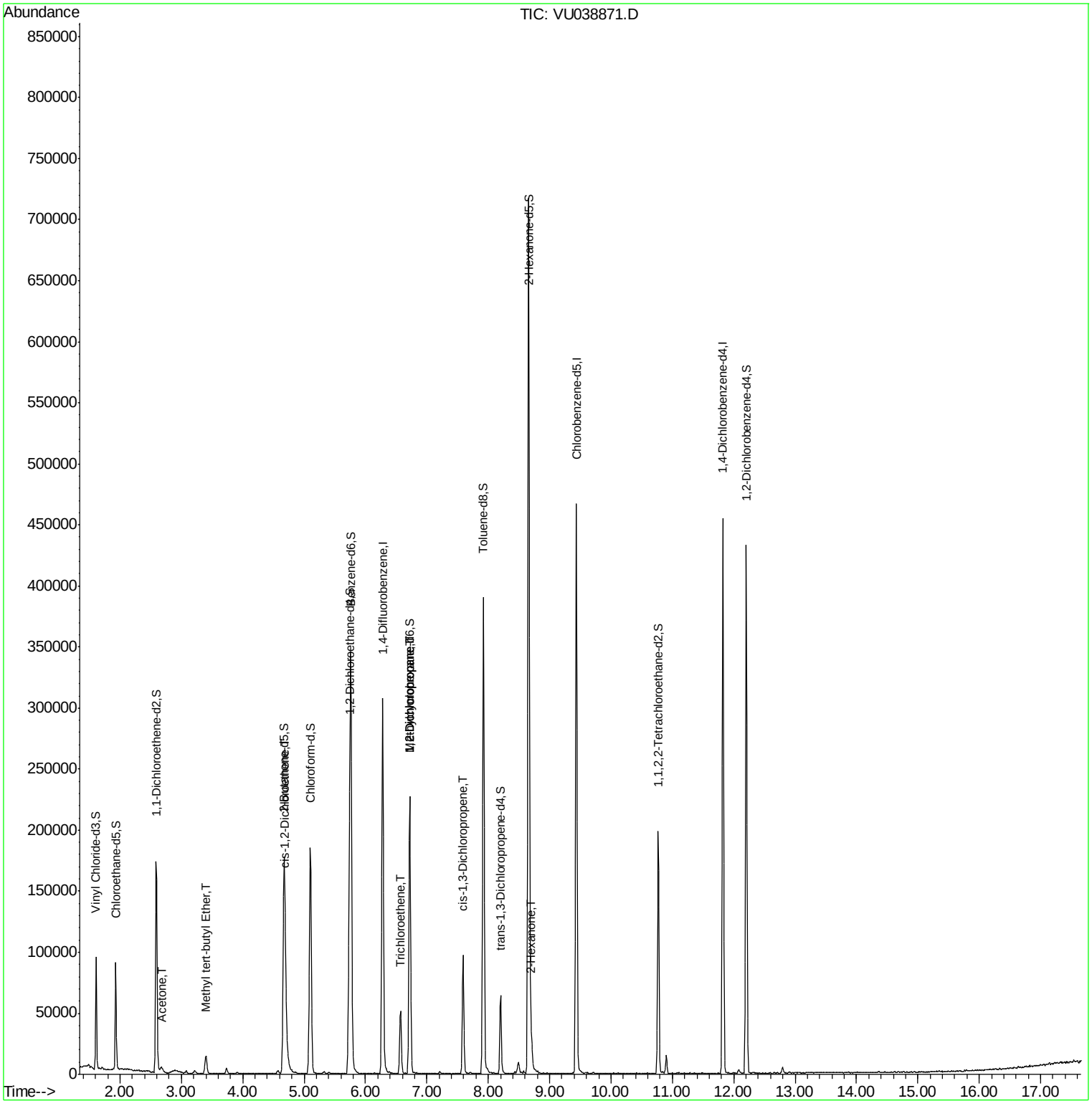
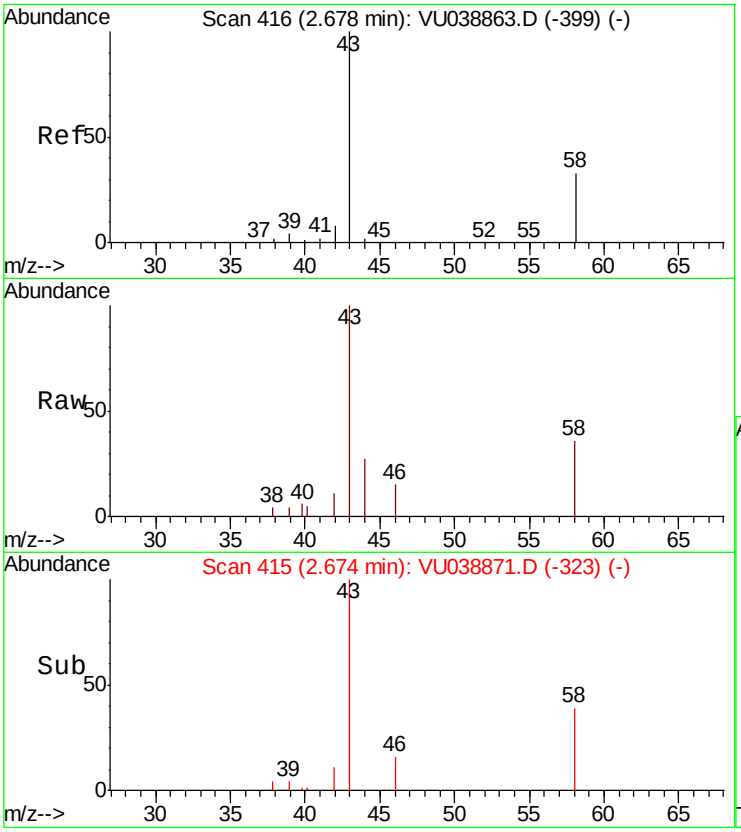
Acq On : 13 Jun 2020 00:32
Operator : SY/MD
Sample : L2975-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 13 02:57:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 02:52:53 2020
Response via : Initial Calibration



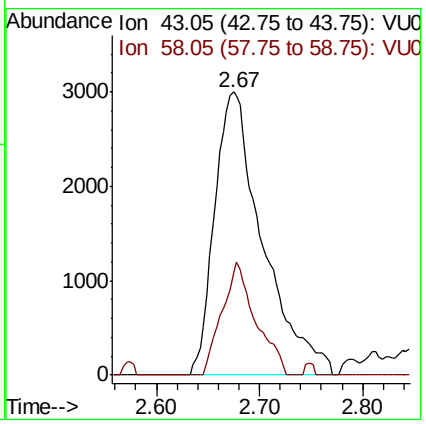


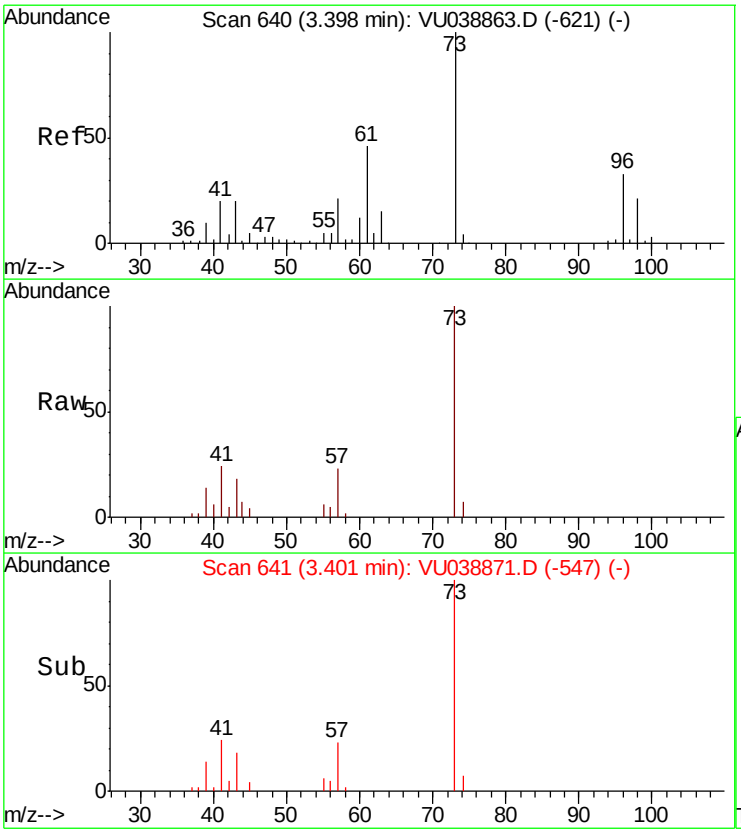

#13
Acetone
Concen: 2.829 ug/L
RT: 2.67 min Scan# 415
Delta R.T. -0.00 min
Lab File: VU038871.D
Acq: 13 Jun 2020 00:32

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

Tgt Ion: 43 Resp: 9723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.0 | 0.0 | 66.0 |

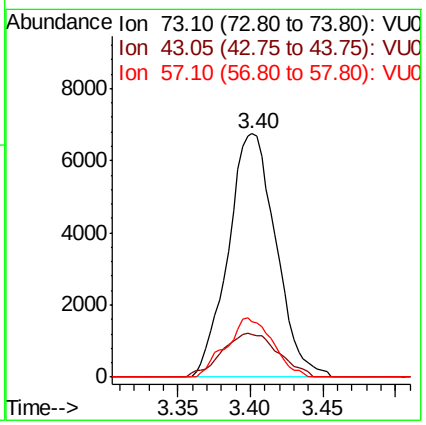


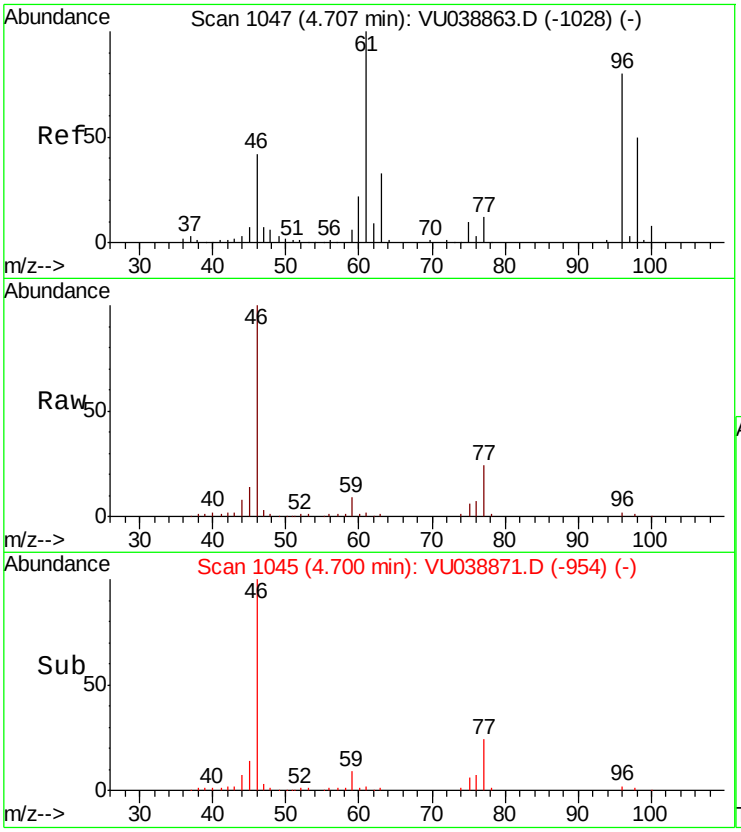




#17
Methyl tert-butyl Ether
Concen: 0.345 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038871.D
Acq: 13 Jun 2020 00:32

Tgt Ion: 73 Resp: 15422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 21.2 | 15.9 | 23.9 |
| 57 | 23.8 | 17.5 | 26.3 |



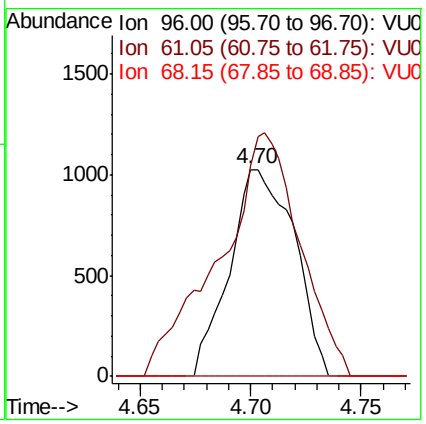


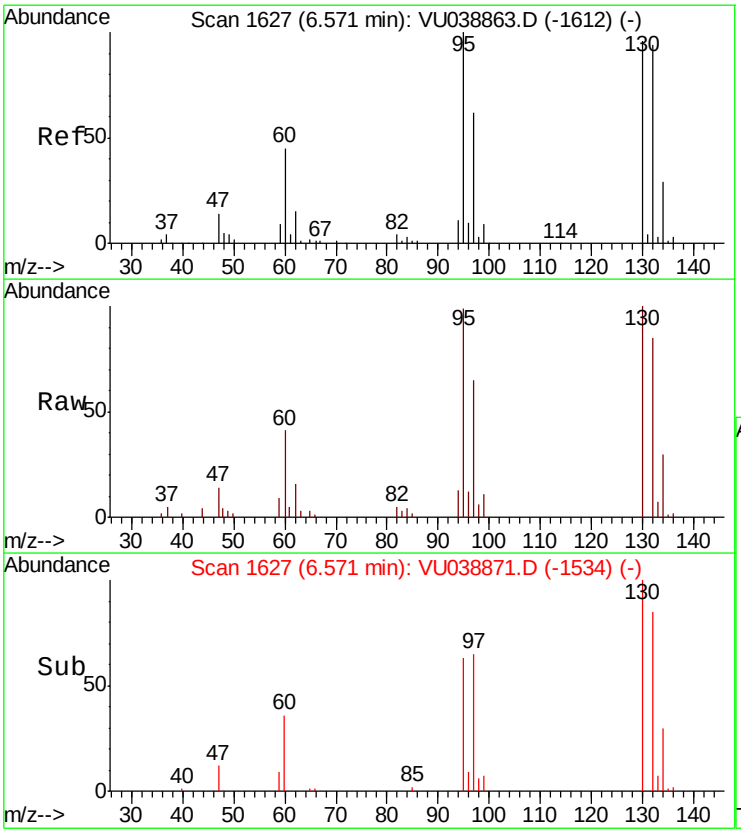

#22
cis-1,2-Dichloroethene
Concen: 0.108 ug/L
RT: 4.70 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VU038871.D
Acq: 13 Jun 2020 00:32

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

Tgt Ion: 96 Resp: 2088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 101.6 | 89.7 | 166.7 |
| 68 | 0.0 | 0.0 | 0.0 |

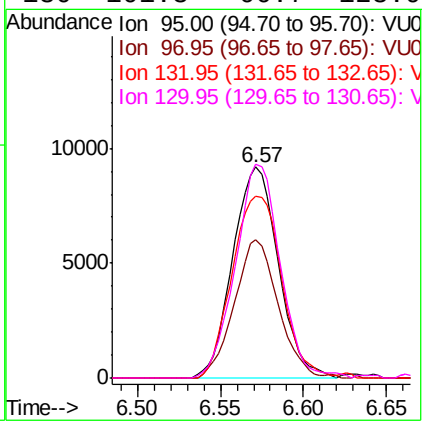


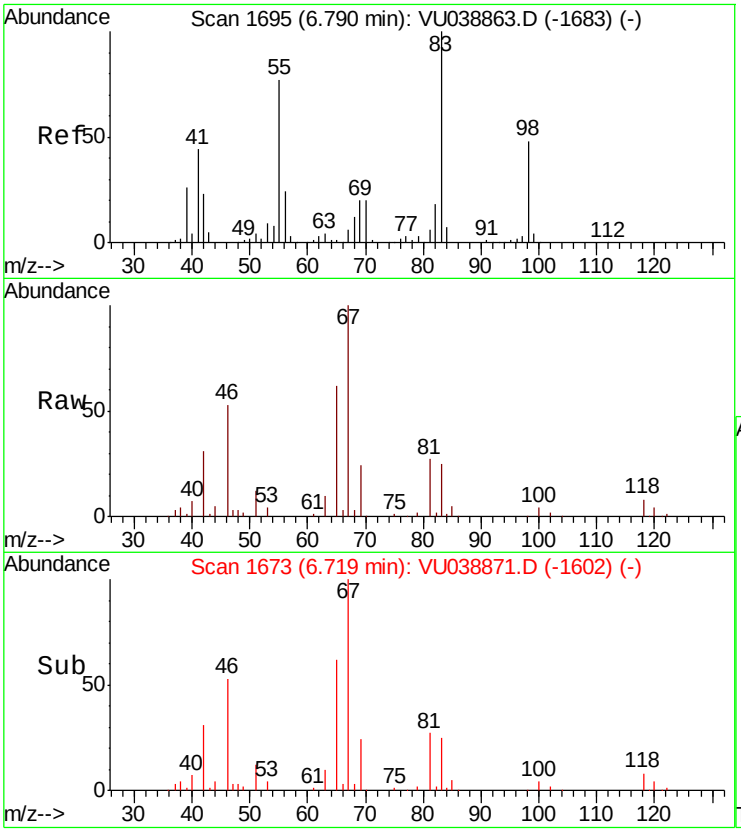




#34
Trichloroethene
Concen: 0.878 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038871.D
Acq: 13 Jun 2020 00:32

Tgt Ion: 95 Resp: 17591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 65.9 | 46.1 | 85.5 |
| 132 | 86.4 | 67.5 | 125.3 |
| 130 | 101.3 | 66.7 | 123.9 |



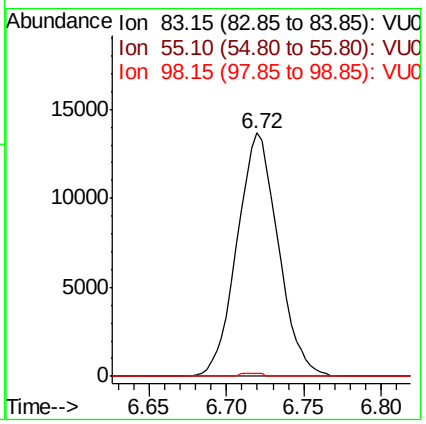


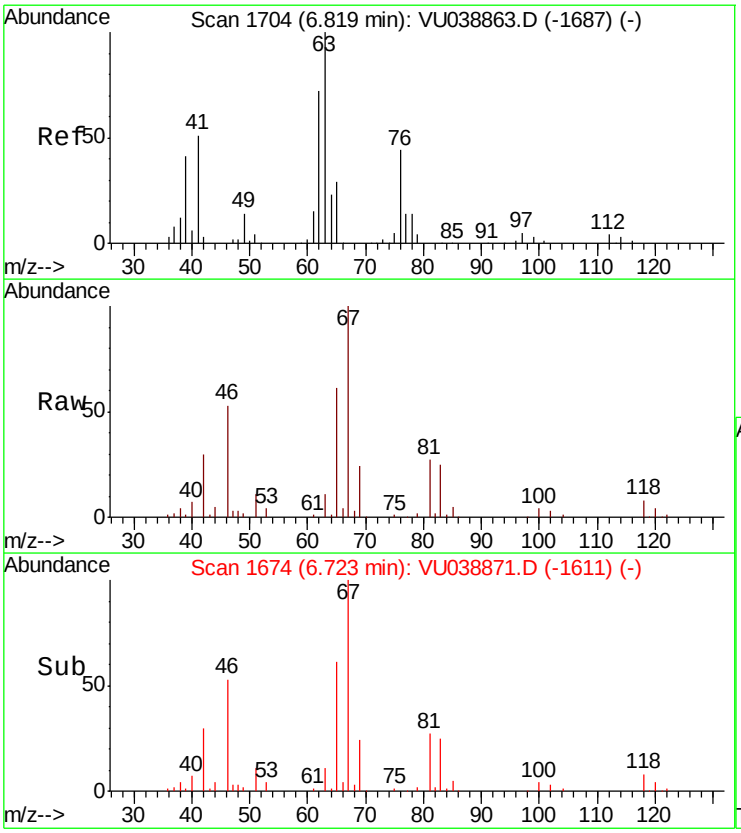

#35
Methylcyclohexane
Concen: 0.812 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038871.D
Acq: 13 Jun 2020 00:32

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

Tgt Ion: 83 Resp: 25313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 64.2 | 96.2# |
| 98 | 0.6 | 40.5 | 60.7# |

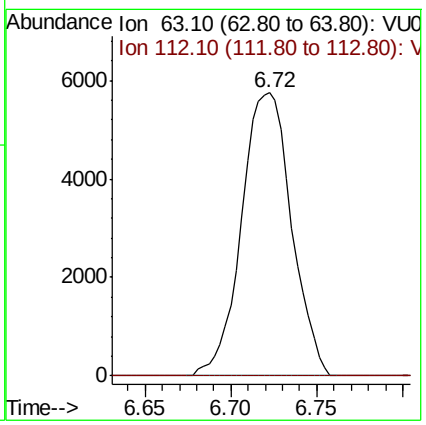


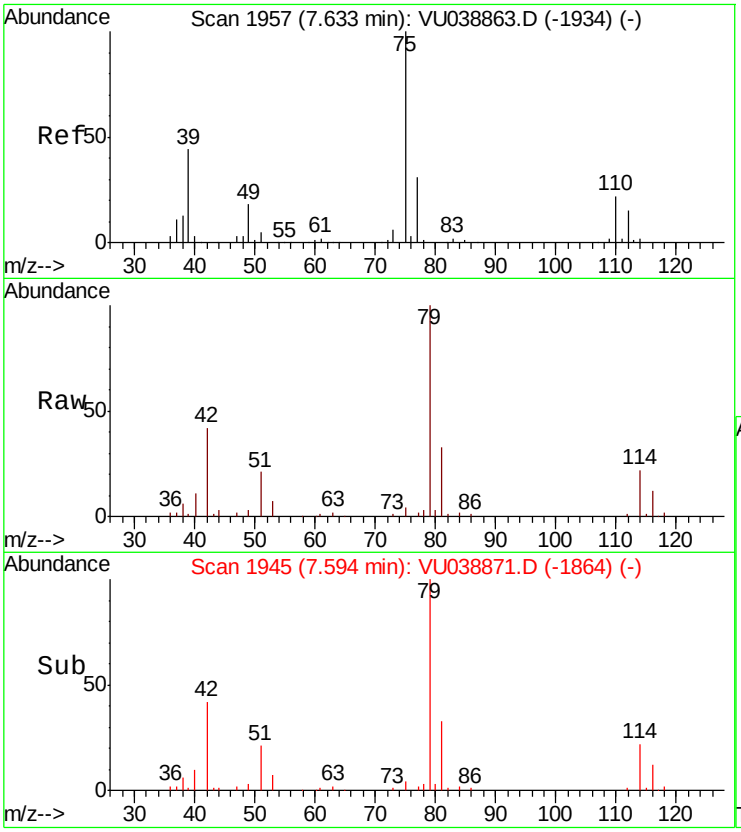




#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038871.D
Acq: 13 Jun 2020 00:32

Tgt Ion: 63 Resp: 11593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.2 | 3.8 | 5.6# |



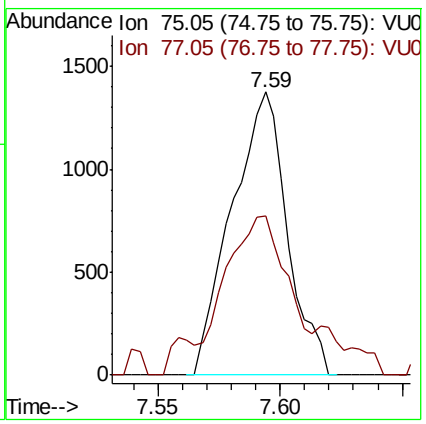


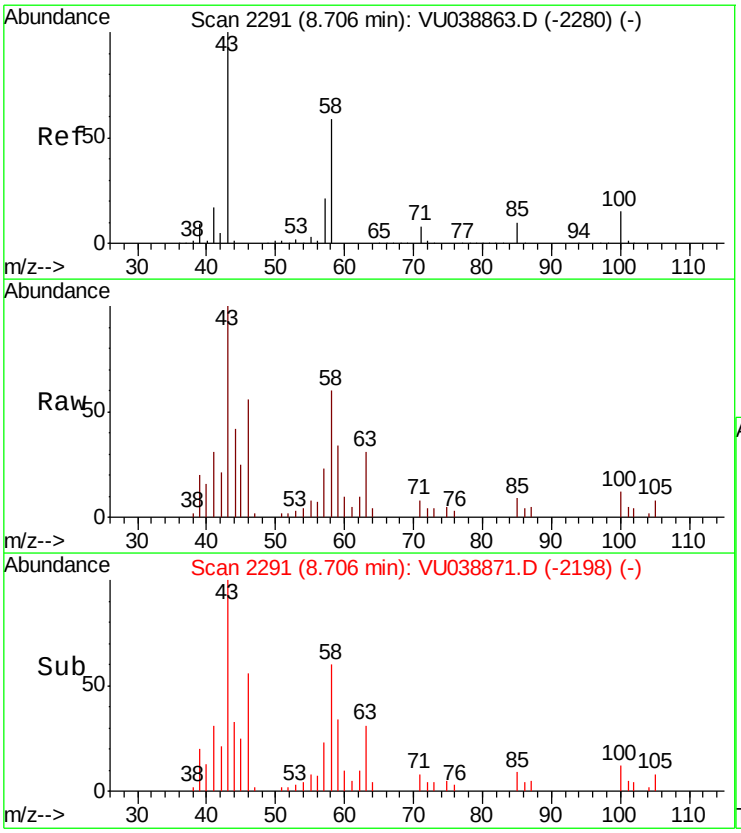

#39
cis-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU038871.D
Acq: 13 Jun 2020 00:32

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

Tgt Ion: 75 Resp: 2170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 56.4 | 22.4 | 41.6# |




#48
2-Hexanone
Concen: 0.998 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038871.D
Acq: 13 Jun 2020 00:32

Tgt Ion: 43 Resp: 9922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 57.8 | 44.8 | 67.2 |
| 57 | 0.0 | 16.2 | 24.2# |
| 100 | 9.5 | 10.6 | 16.0# |