Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038589.D
Acq On : 05 Jun 2020 23:57
Operator : SY/MD
Sample : VU0605WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK04

Quant Time: Jun 06 02:39:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 02:36:38 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 275868 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 266757 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 122573 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 86833 | 4.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 97.20% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 74339 | 5.42 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 108.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 136239 | 3.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 77.60% | | | |
| 20) 2-Butanone-d5 | 4.68 | 46 | 321830 | 59.34 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 118.68% | | | |
| 24) Chloroform-d | 5.10 | 84 | 183725 | 5.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 109.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 110585 | 5.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 116.20% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 361594 | 5.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 108.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 111655 | 5.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 109.00% | | | |
| 41) Toluene-d8 | 7.92 | 98 | 293791 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.40% | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 42576 | 4.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 96.60% | | | |
| 46) 2-Hexanone-d5 | 8.66 | 63 | 261270 | 60.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 120.14% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 95778 | 5.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 110.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.20 | 152 | 116656 | 5.52 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 110.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.59 | 96 | 1204 | 0.071 | ug/L # | 1 |
| 16) Methylene chloride | 3.08 | 84 | 2744 | 0.143 | ug/L | 78 |
| 35) Methylcyclohexane | 6.72 | 83 | 27190 | 0.910 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.72 | 63 | 12379 | 0.661 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.59 | 75 | 3128 | 0.113 | ug/L | 99 |
| 48) 2-Hexanone | 8.71 | 43 | 13091 | 1.291 | ug/L | 95 |
| 59) 1,2,3-Trichloropropane | 11.82 | 75 | 15722 | 1.125 | ug/L | 94 |

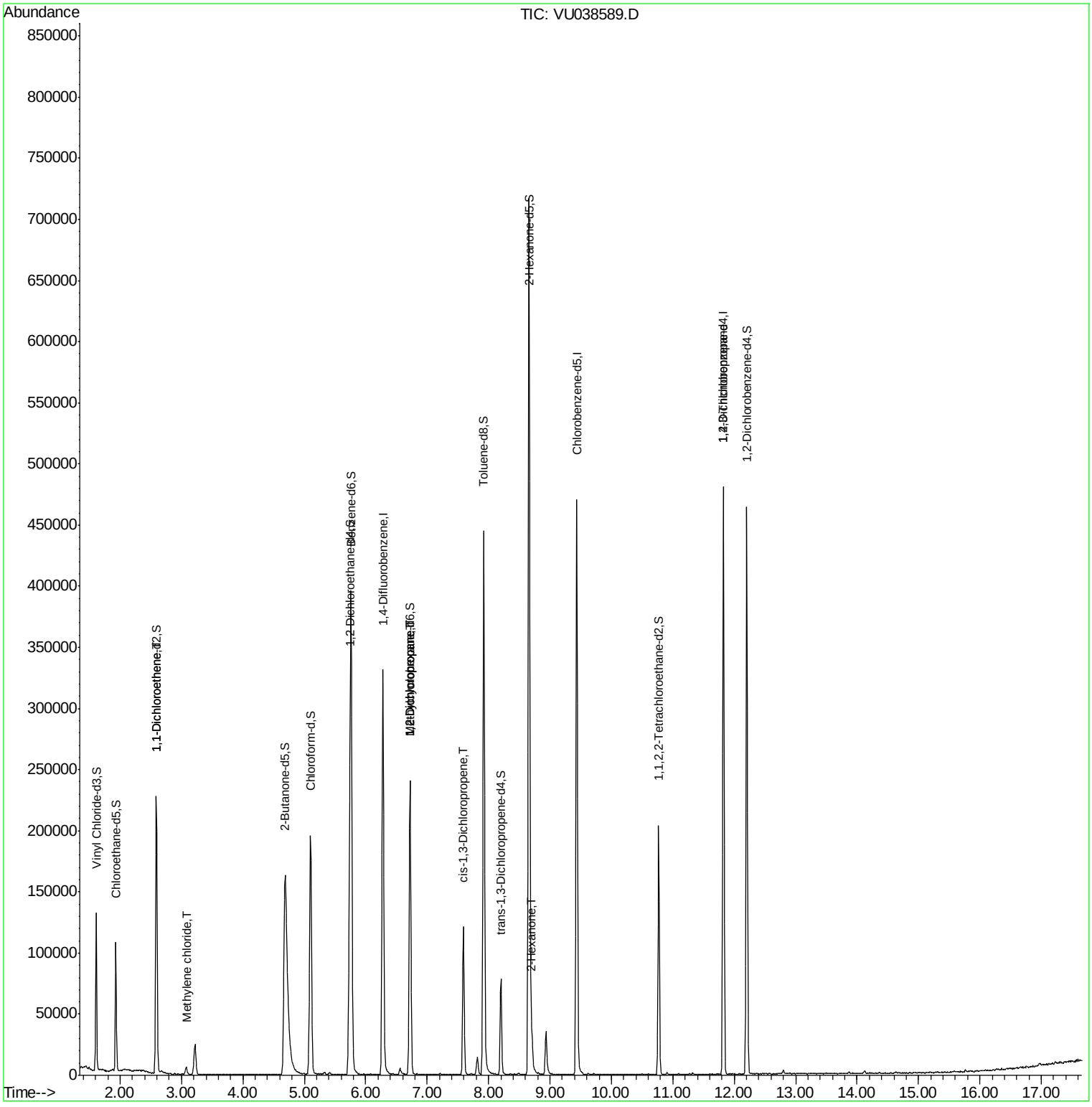
(#) = qualifier out of range (m) = manual integration (+) = signals summed

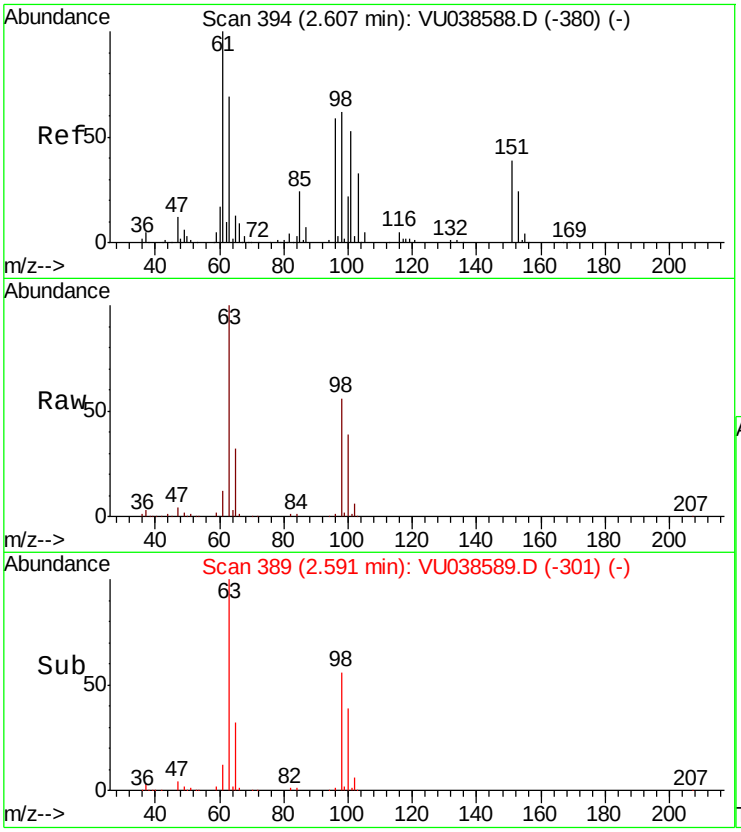
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038589.D
Acq On : 05 Jun 2020 23:57
Operator : SY/MD
Sample : VU0605WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK04

Quant Time: Jun 06 02:39:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 02:36:38 2020
Response via : Initial Calibration



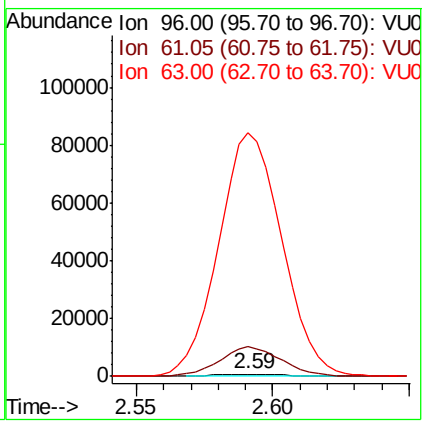


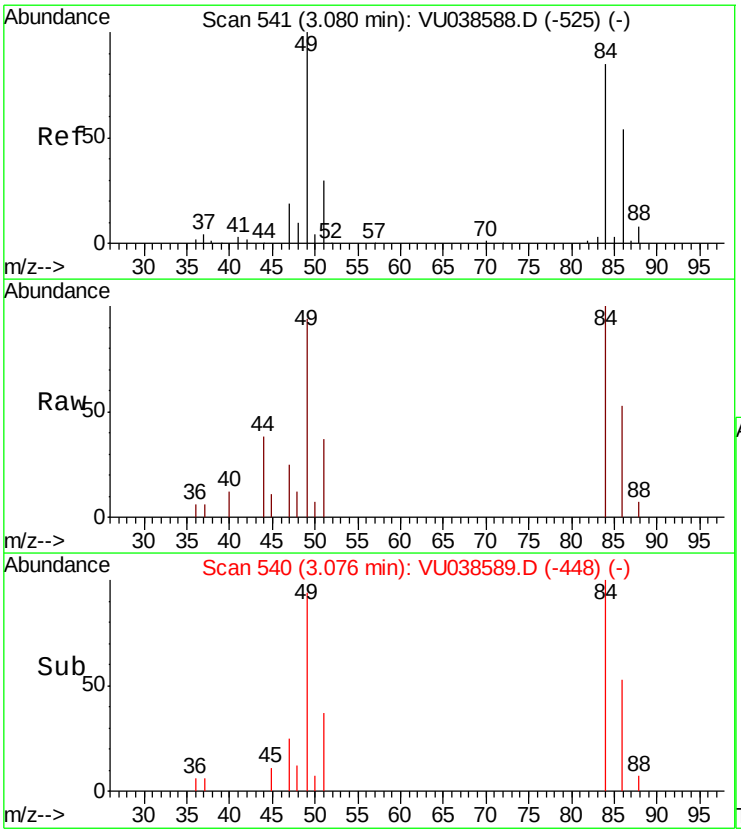

#12
1,1-Dichloroethene
Concen: 0.071 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.02 min
Lab File: VU038589.D
Acq: 05 Jun 2020 23:57

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK04

Tgt Ion: 96 Resp: 1204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1294.4 | 119.9 | 222.7# |
| 63 | 10691.4 | 89.9 | 167.0# |

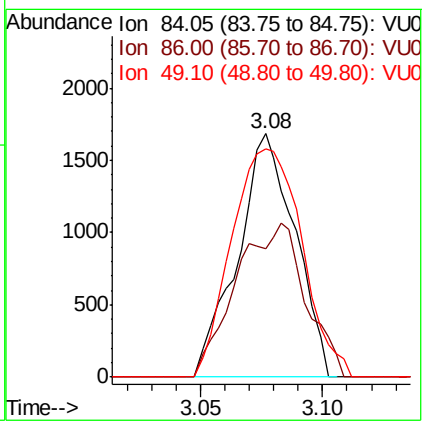


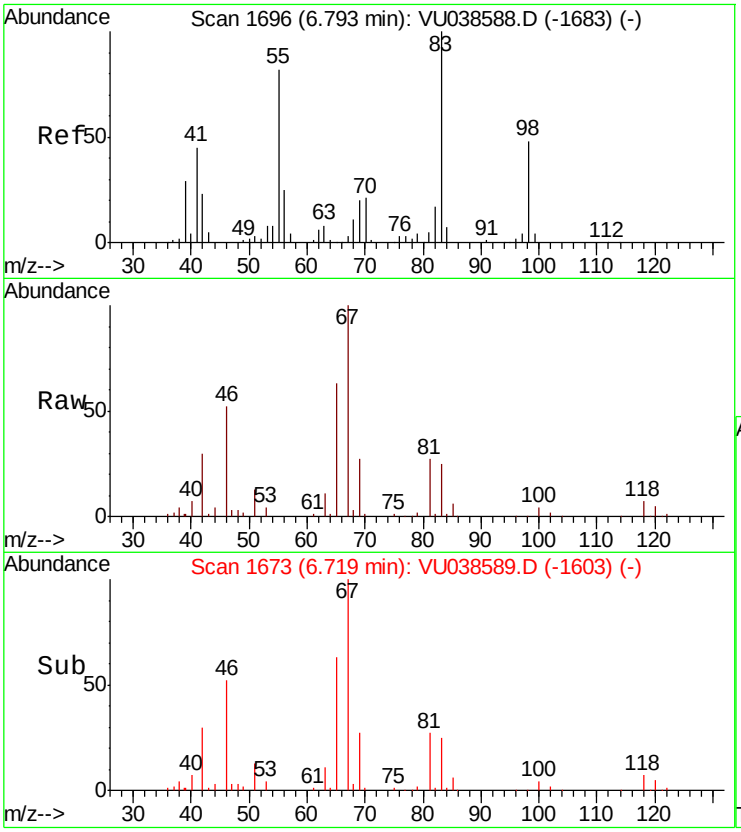




#16
Methylene chloride
Concen: 0.143 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038589.D
Acq: 05 Jun 2020 23:57

Tgt Ion: 84 Resp: 2744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 52.9 | 45.0 | 83.6 |
| 49 | 93.9 | 85.5 | 158.9 |



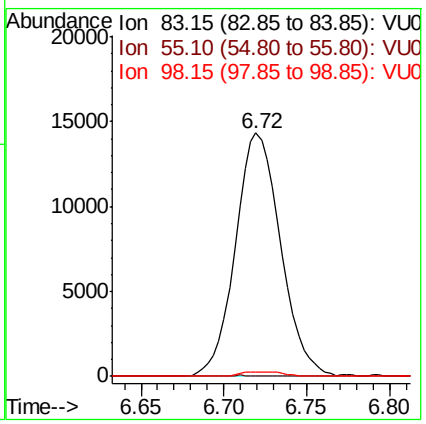


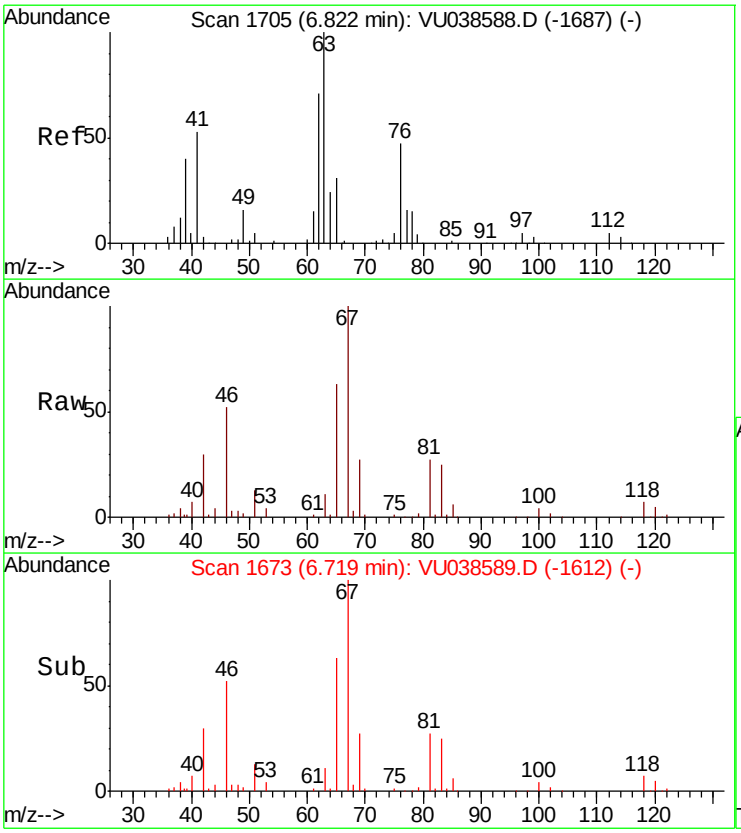

#35
Methylcyclohexane
Concen: 0.910 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038589.D
Acq: 05 Jun 2020 23:57

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK04

Tgt Ion: 83 Resp: 27190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.1 | 63.4 | 95.2# |
| 98 | 1.7 | 39.0 | 58.4# |

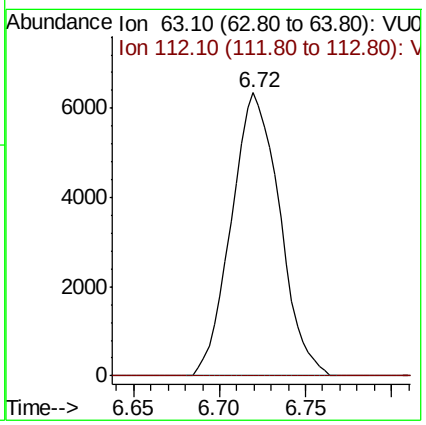


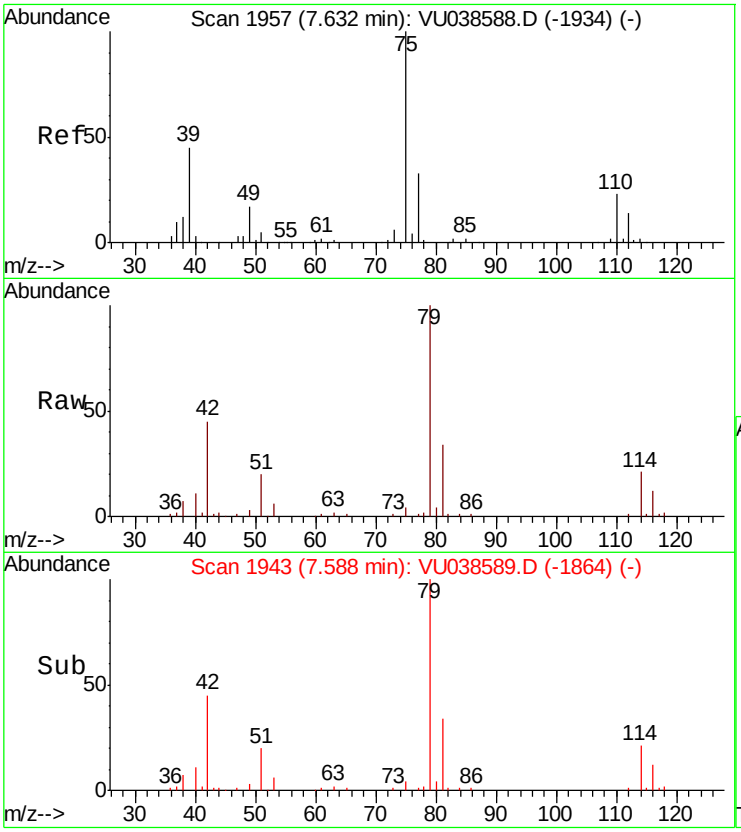




#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038589.D
Acq: 05 Jun 2020 23:57

Tgt Ion: 63 Resp: 12379

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



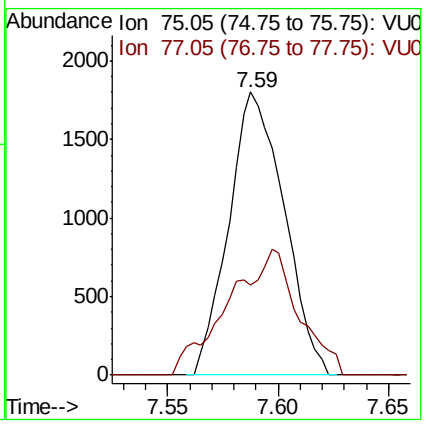


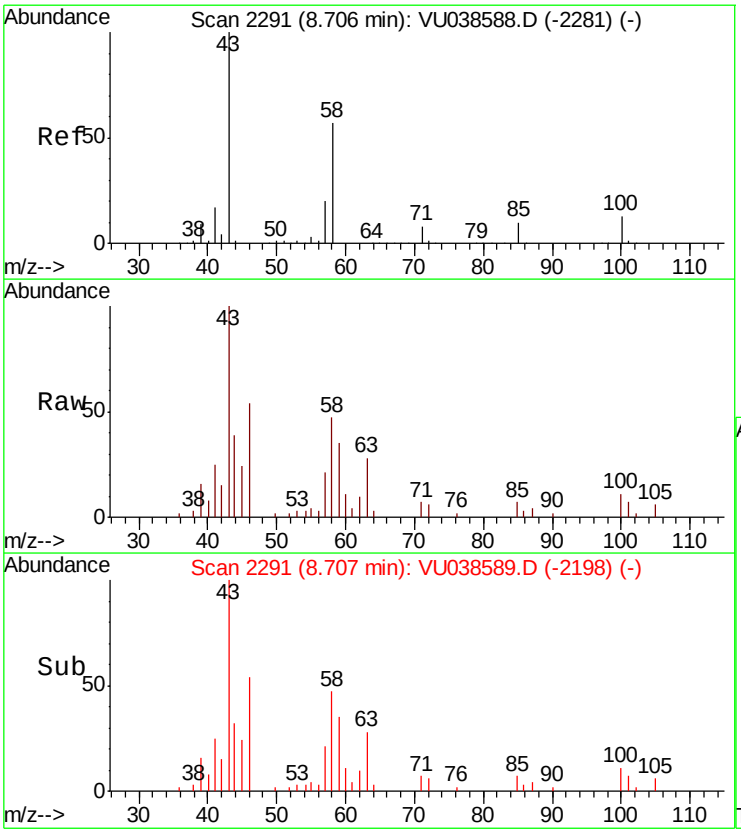

#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038589.D
Acq: 05 Jun 2020 23:57

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK04

Tgt Ion: 75 Resp: 3128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.8 | 21.9 | 40.7 |

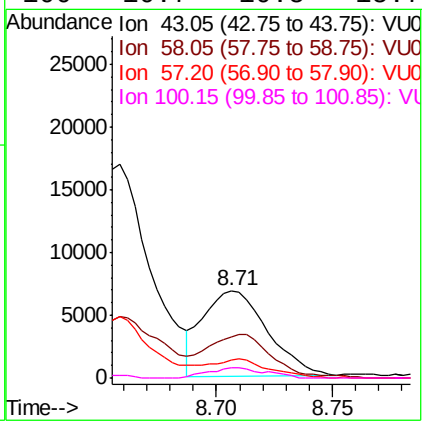


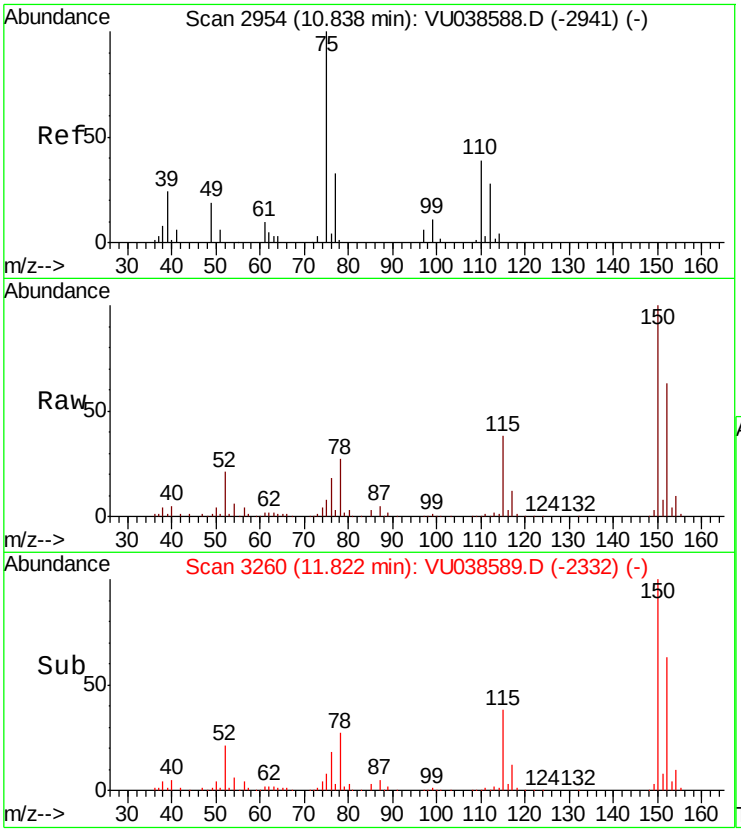




#48
2-Hexanone
Concen: 1.291 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038589.D
Acq: 05 Jun 2020 23:57

Tgt Ion: 43 Resp: 13091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.1 | 45.4 | 68.0 |
| 57 | 20.6 | 15.9 | 23.9 |
| 100 | 10.7 | 10.5 | 15.7 |






#59
1,2,3-Trichloropropane
Concen: 1.125 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038589.D
Acq: 05 Jun 2020 23:57

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK04

Tgt Ion: 75 Resp: 15722

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