Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060220\
Data File : VU038485.D
Acq On : 02 Jun 2020 10:30
Operator : JC/MD
Sample : VU0602WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 03 00:50:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 03 00:48:29 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 317111 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 308279 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 142832 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 86562 | 4.22 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 84.40% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 72229 | 4.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 91.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 139780 | 3.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 69.20% | | | |
| 20) 2-Butanone-d5 | 4.69 | 46 | 325652 | 52.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 104.46% | | | |
| 24) Chloroform-d | 5.10 | 84 | 183247 | 4.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 105839 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.80% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 367548 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 113737 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 96.20% | | | |
| 41) Toluene-d8 | 7.92 | 98 | 307488 | 4.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 89.00% | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 45049 | 4.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 88.60% | | | |
| 46) 2-Hexanone-d5 | 8.66 | 63 | 272508 | 54.22 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 108.44% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 101270 | 5.04 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 100.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.20 | 152 | 122773 | 4.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 99.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.59 | 96 | 1209 | 0.062 | ug/L # | 1 |
| 16) Methylene chloride | 3.08 | 84 | 1574 | 0.071 | ug/L | 90 |
| 35) Methylcyclohexane | 6.72 | 83 | 27221 | 0.788 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.72 | 63 | 12513 | 0.578 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.59 | 75 | 3383 | 0.106 | ug/L # | 78 |
| 48) 2-Hexanone | 8.71 | 43 | 11087 | 0.946 | ug/L # | 91 |
| 59) 1,2,3-Trichloropropane | 11.82 | 75 | 18639 | 1.154 | ug/L | 91 |

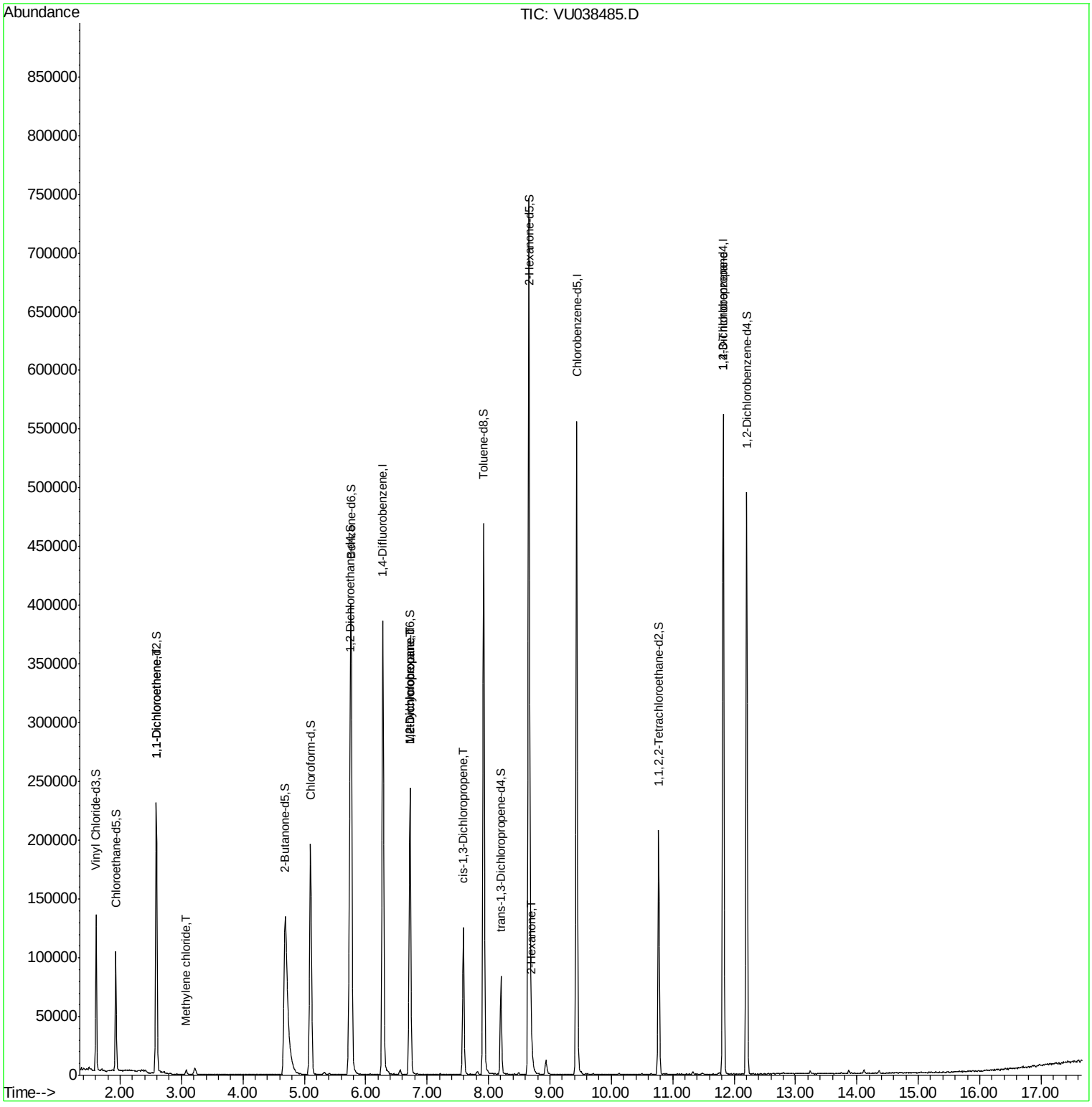
(#) = qualifier out of range (m) = manual integration (+) = signals summed

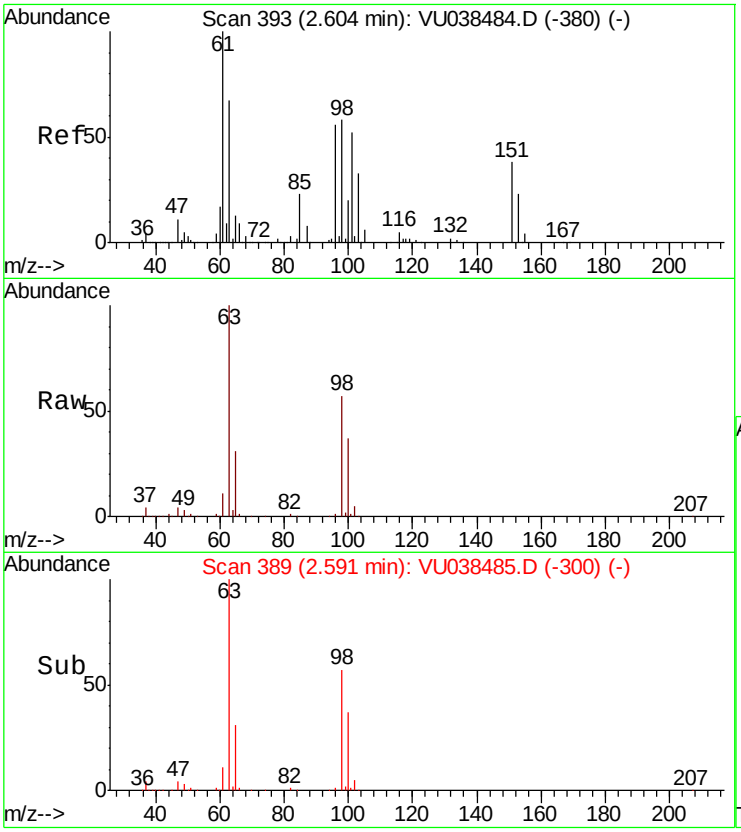
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060220\
Data File : VU038485.D
Acq On : 02 Jun 2020 10:30
Operator : JC/MD
Sample : VU0602WBL01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 03 00:50:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 03 00:48:29 2020
Response via : Initial Calibration



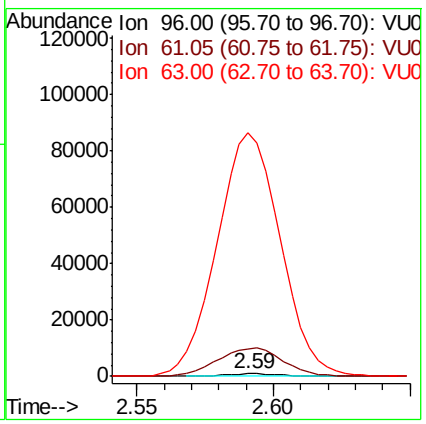


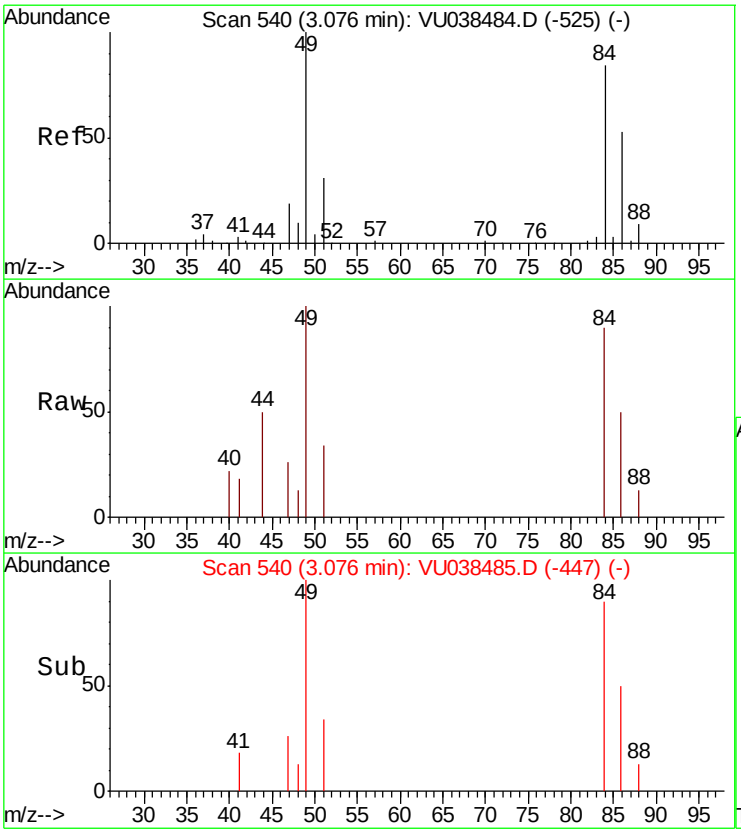

#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.01 min
Lab File: VU038485.D
Acq: 02 Jun 2020 10:30

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

Tgt Ion: 96 Resp: 1209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1080.6 | 119.9 | 222.7# |
| 63 | 9436.7 | 89.9 | 167.0# |

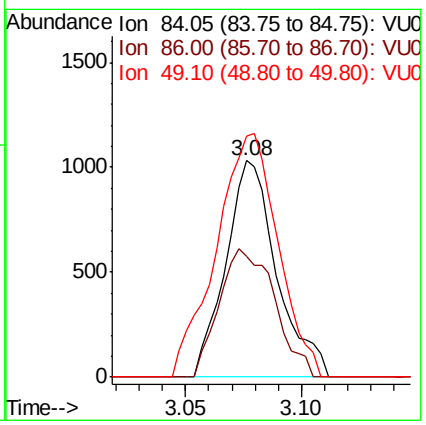


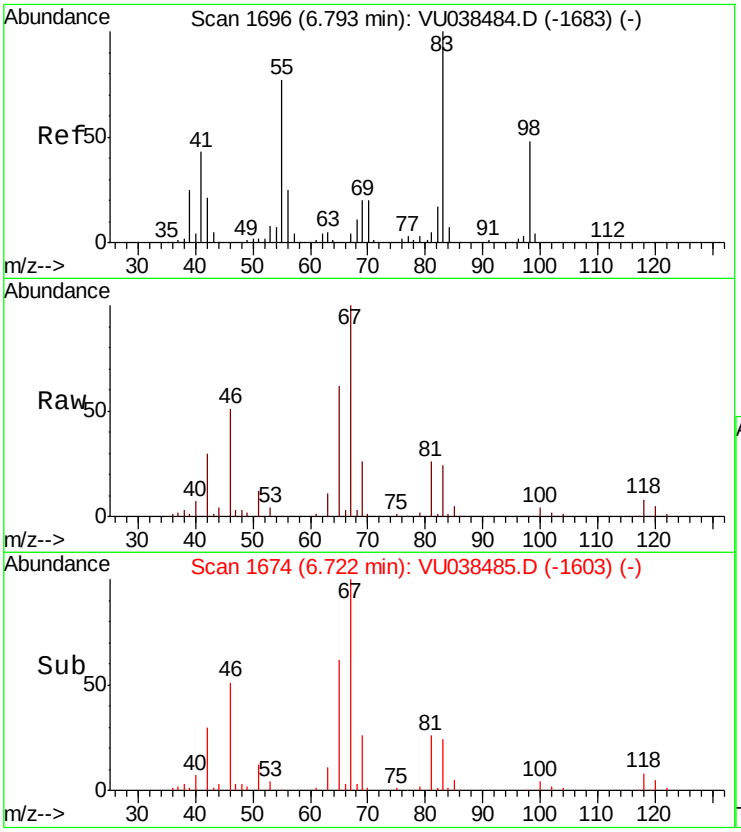




#16
Methylene chloride
Concen: 0.071 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038485.D
Acq: 02 Jun 2020 10:30

Tgt Ion: 84 Resp: 1574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 56.1 | 45.0 | 83.6 |
| 49 | 111.3 | 85.5 | 158.9 |



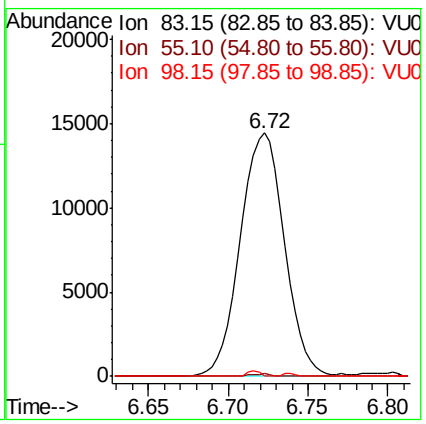


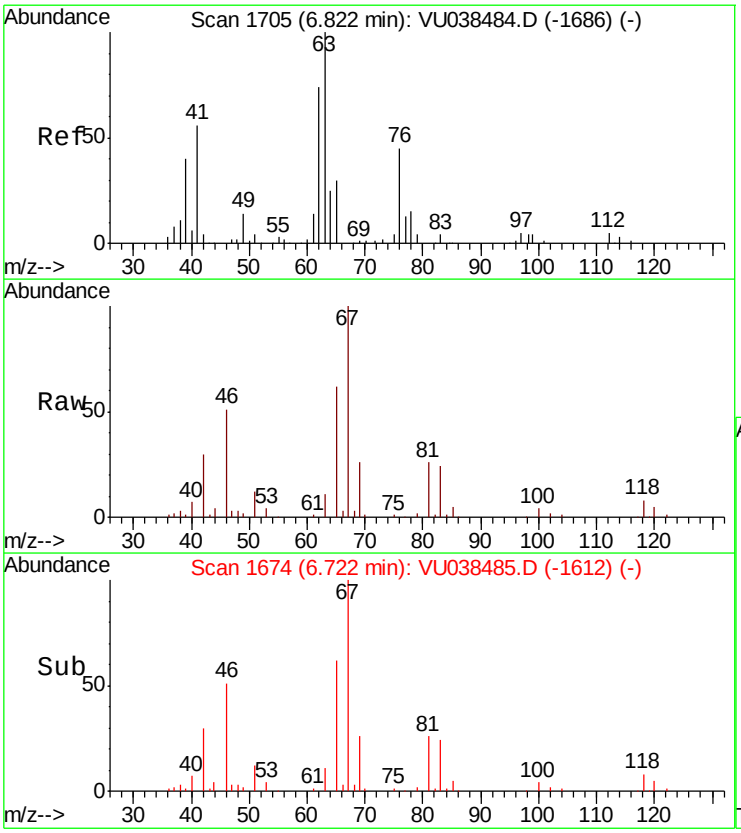

#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038485.D
Acq: 02 Jun 2020 10:30

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

Tgt Ion: 83 Resp: 27221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 63.4 | 95.2# |
| 98 | 0.6 | 39.0 | 58.4# |

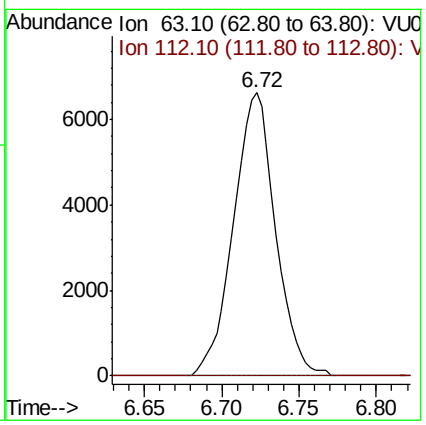


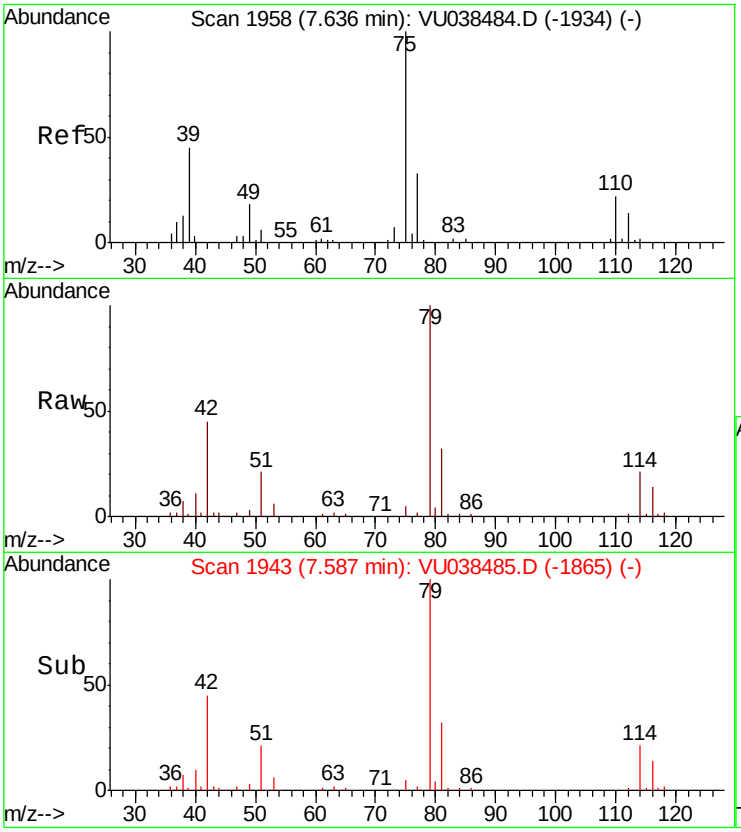




#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038485.D
Acq: 02 Jun 2020 10:30

Tgt Ion: 63 Resp: 12513

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



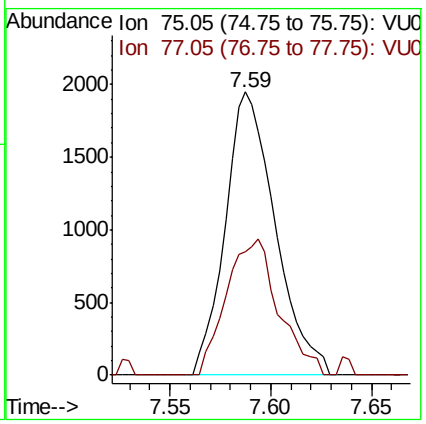


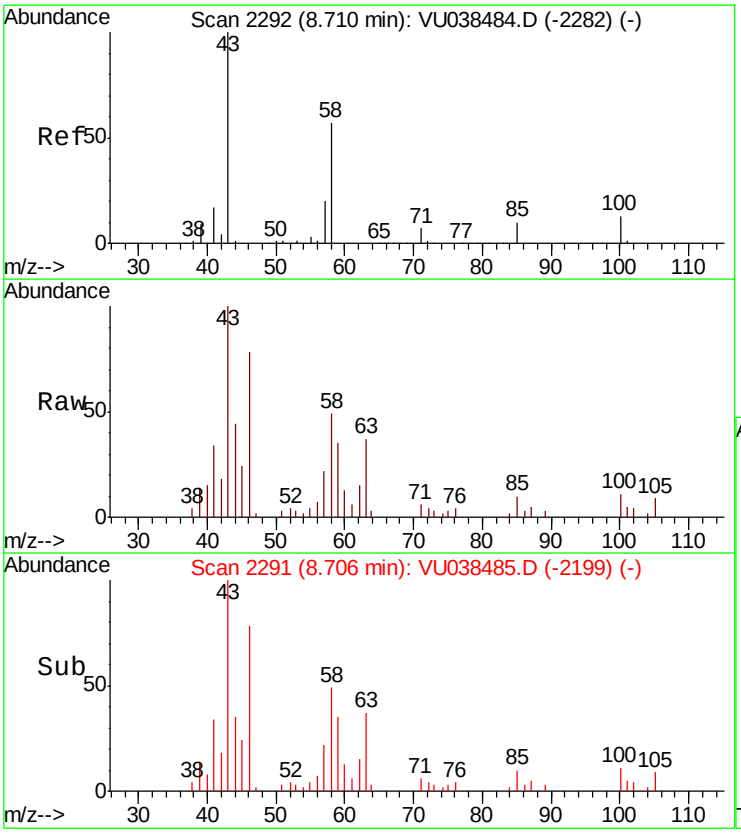

#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU038485.D
Acq: 02 Jun 2020 10:30

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

Tgt Ion: 75 Resp: 3383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 43.6 | 21.9 | 40.7# |

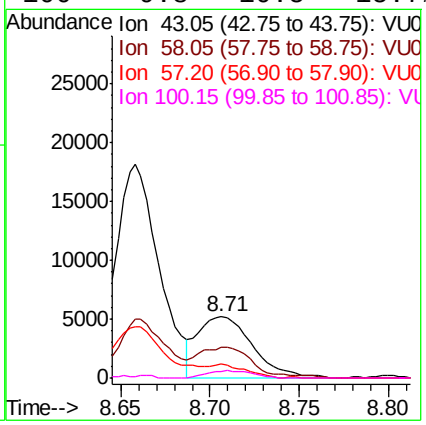


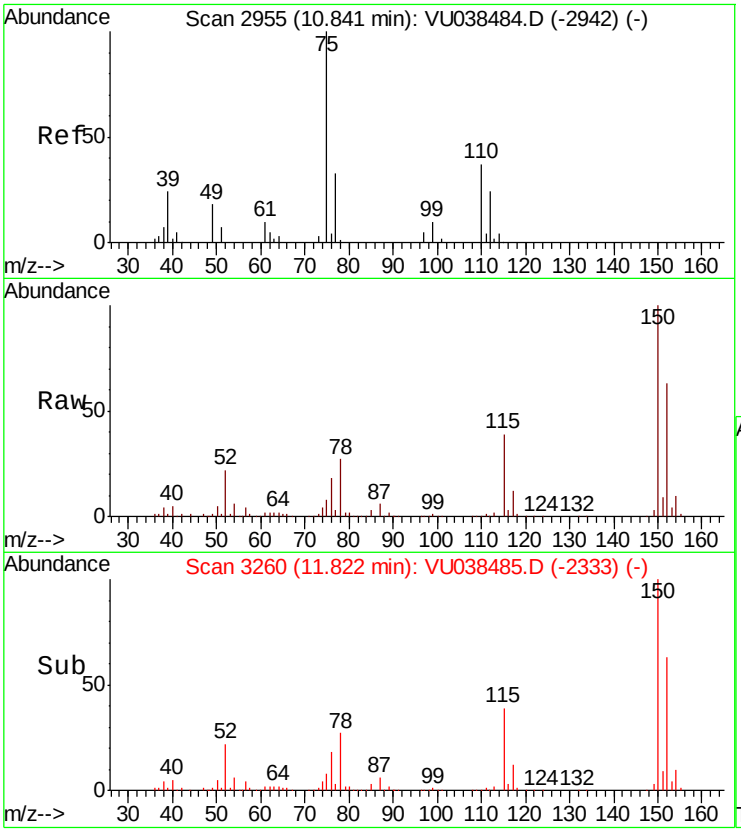




#48
2-Hexanone
Concen: 0.946 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038485.D
Acq: 02 Jun 2020 10:30

Tgt Ion: 43 Resp: 11087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.5 | 45.4 | 68.0 |
| 57 | 14.7 | 15.9 | 23.9# |
| 100 | 9.8 | 10.5 | 15.7# |






#59
1,2,3-Trichloropropane
Concen: 1.154 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038485.D
Acq: 02 Jun 2020 10:30

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

Tgt Ion: 75 Resp: 18639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.0 | 25.4 | 38.2 |