Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060120\
Data File : VU038462.D
Acq On : 01 Jun 2020 11:41
Operator : JC/MD
Sample : L2788-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 02 05:27:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 05:25:28 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 317776 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 310730 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 146419 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 97822 | 4.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 95.20% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 79590 | 5.04 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 100.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 150072 | 3.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 74.20% | | | |
| 20) 2-Butanone-d5 | 4.69 | 46 | 328721 | 52.61 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 105.22% | | | |
| 24) Chloroform-d | 5.10 | 84 | 187964 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 114365 | 5.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.20% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 387388 | 4.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 118722 | 4.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 99.60% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 327606 | 4.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 47423 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 92.40% | | | |
| 46) 2-Hexanone-d5 | 8.66 | 63 | 284893 | 56.24 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 112.48% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 103081 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 101.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.21 | 152 | 130609 | 5.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 103.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 3.08 | 84 | 1574 | 0.071 | ug/L | 82 |
| 35) Methylcyclohexane | 6.72 | 83 | 28802 | 0.827 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.72 | 63 | 12494 | 0.573 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.59 | 75 | 3009 | 0.093 | ug/L # | 38 |
| 48) 2-Hexanone | 8.71 | 43 | 13679 | 1.158 | ug/L # | 90 |
| 59) 1,2,3-Trichloropropane | 11.83 | 75 | 18438 | 1.133 | ug/L | 90 |

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

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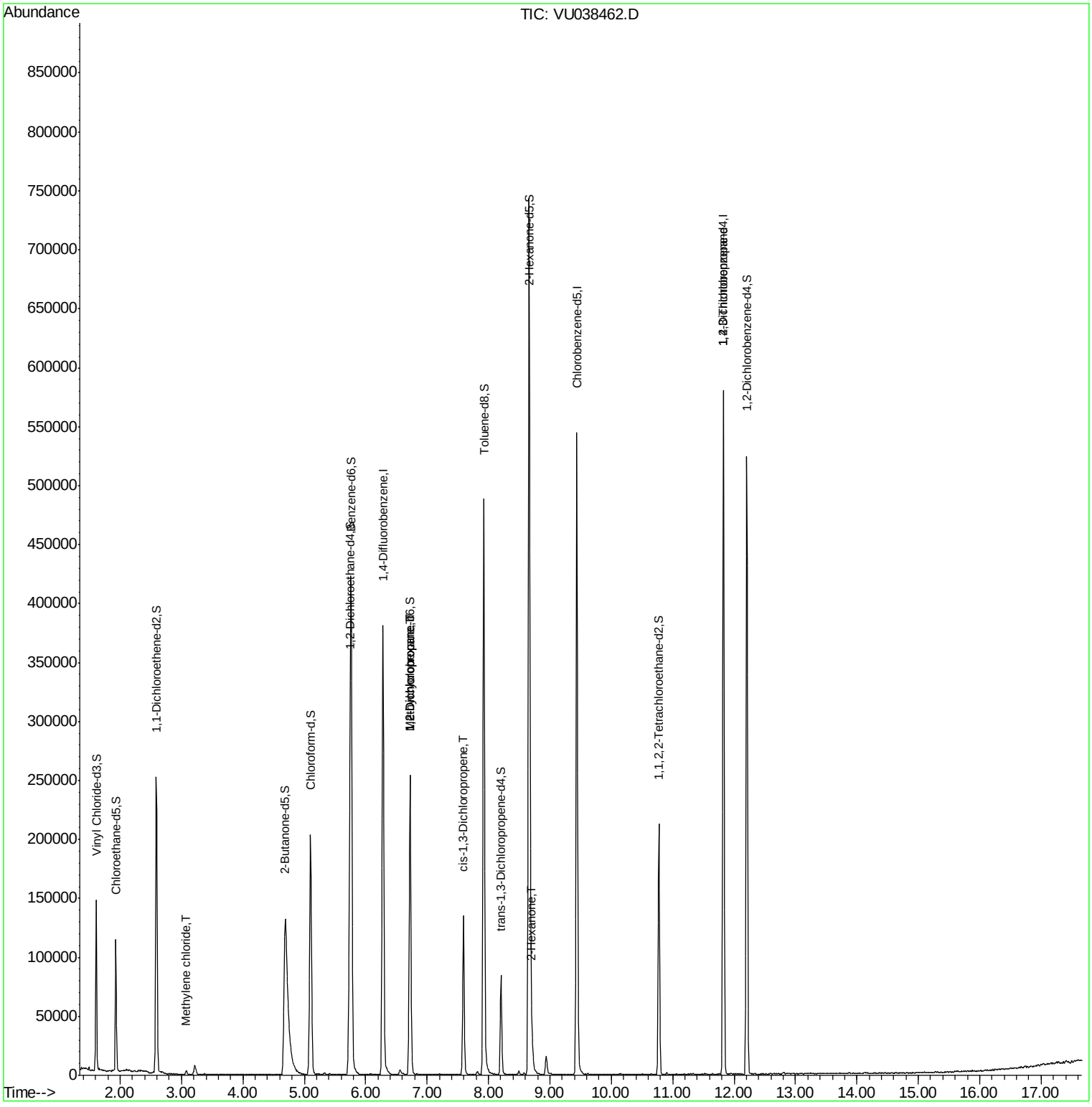
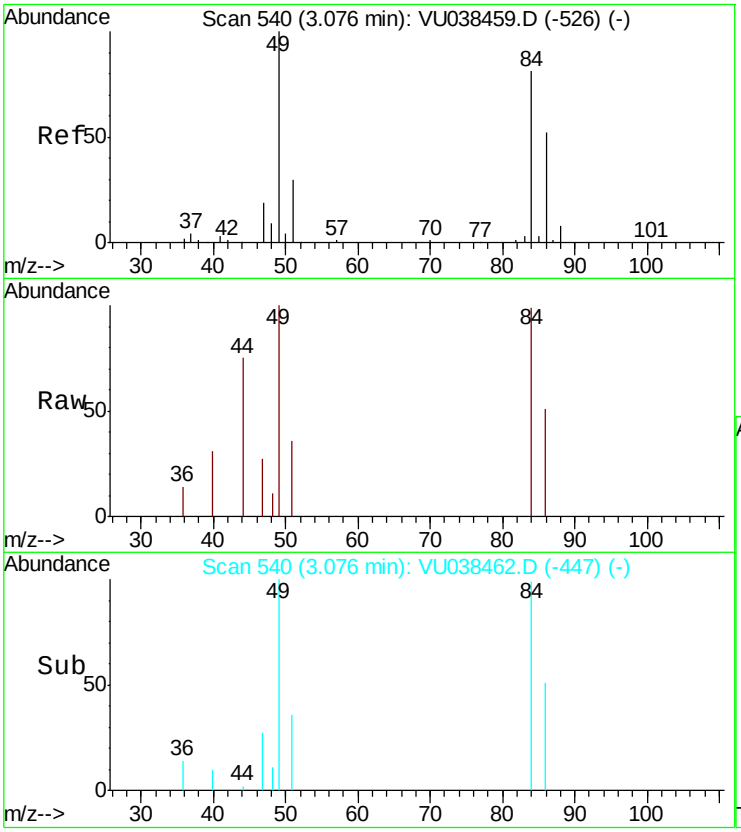
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 02 05:27:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 05:25:28 2020
Response via : Initial Calibration



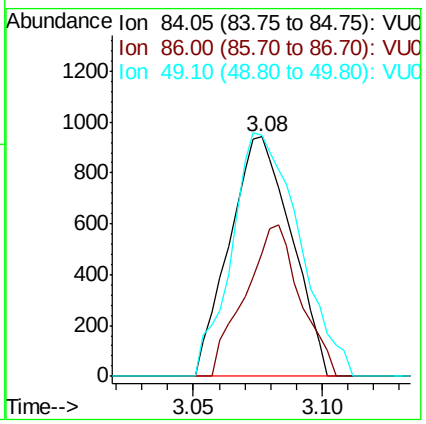


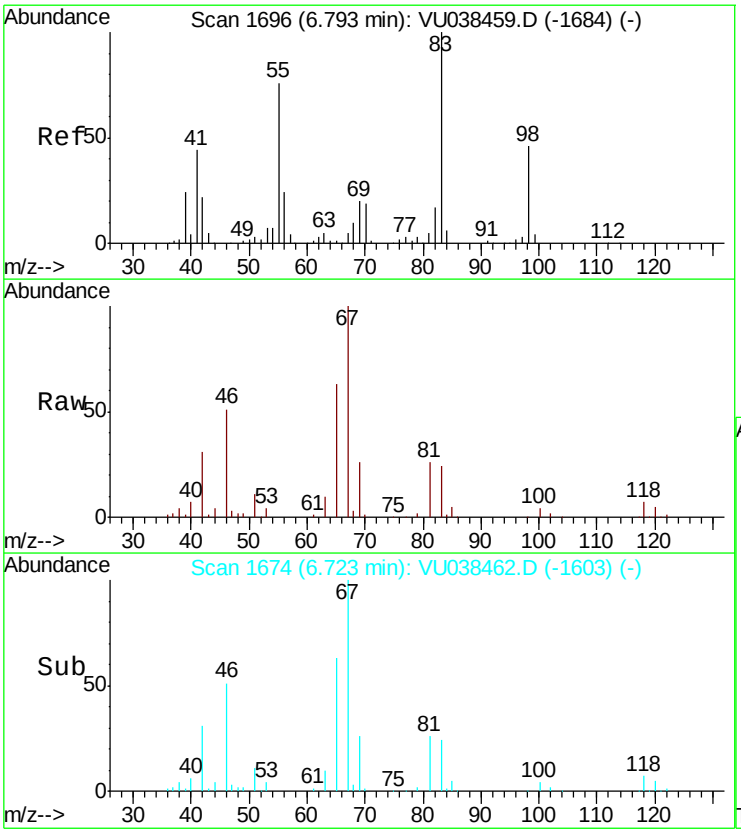

#16
Methylene chloride
Concen: 0.071 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038462.D
Acq: 01 Jun 2020 11:41

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

Tgt Ion: 84 Resp: 1574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 51.6 | 45.0 | 83.6 |
| 49 | 100.9 | 85.5 | 158.9 |

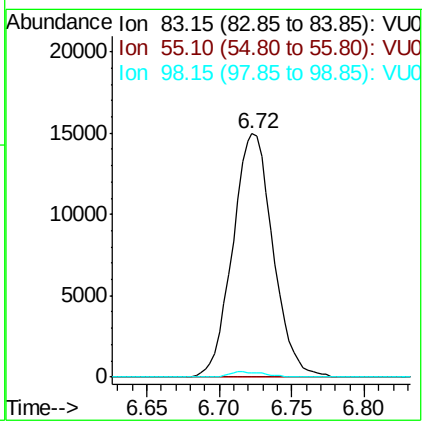


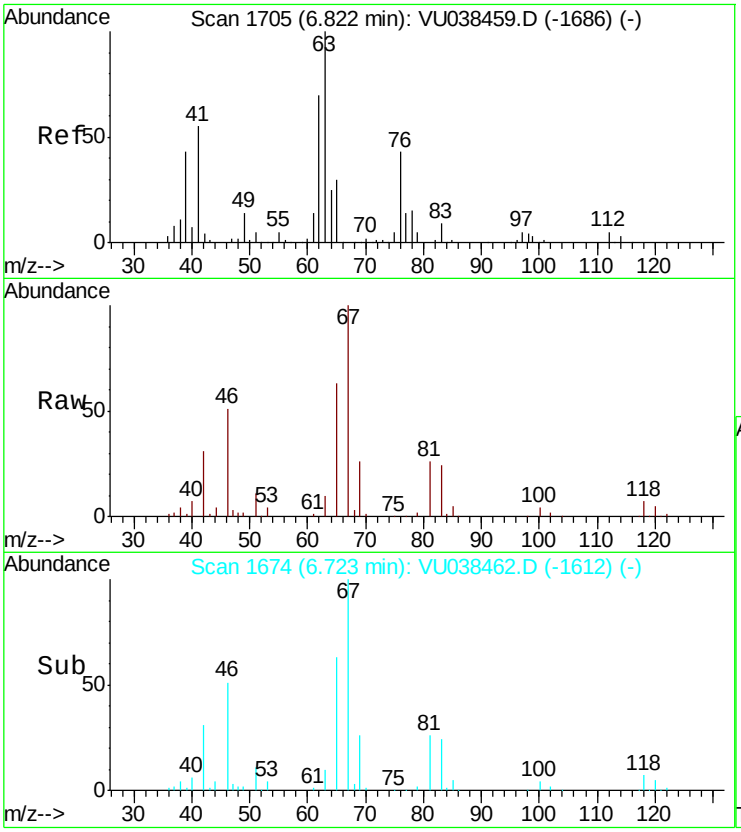




#35
Methylcyclohexane
Concen: 0.827 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038462.D
Acq: 01 Jun 2020 11:41

Tgt Ion: 83 Resp: 28802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 63.4 | 95.2# |
| 98 | 1.9 | 39.0 | 58.4# |



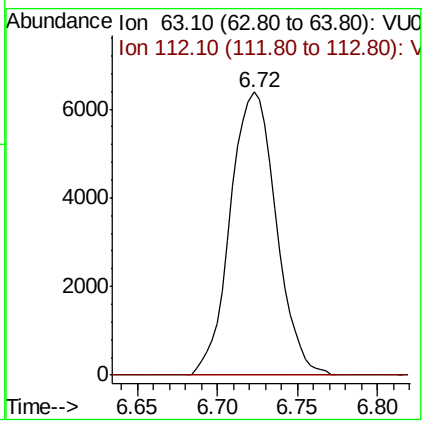


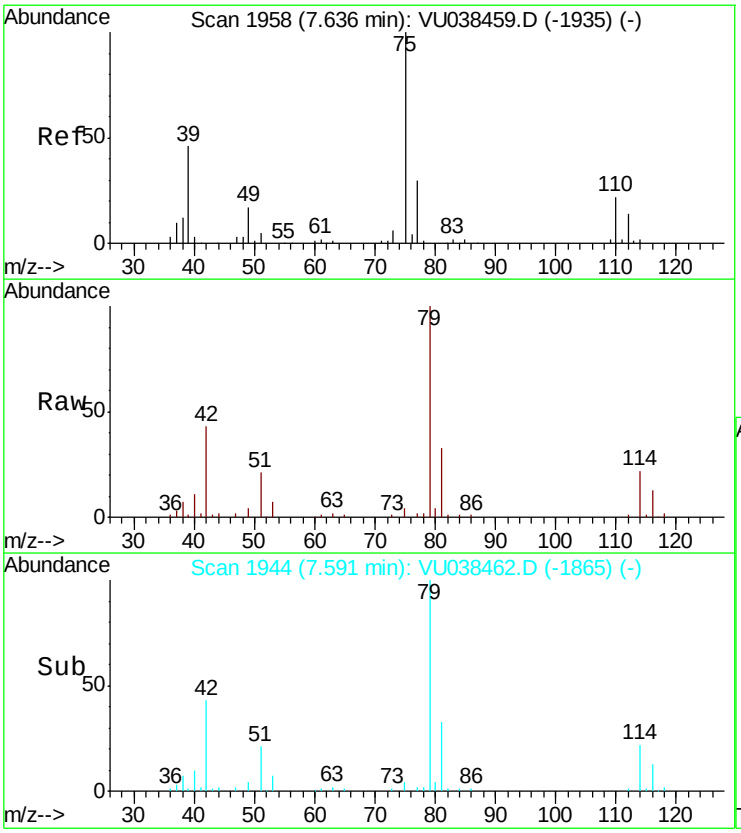

#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038462.D
Acq: 01 Jun 2020 11:41

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

Tgt Ion: 63 Resp: 12494

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

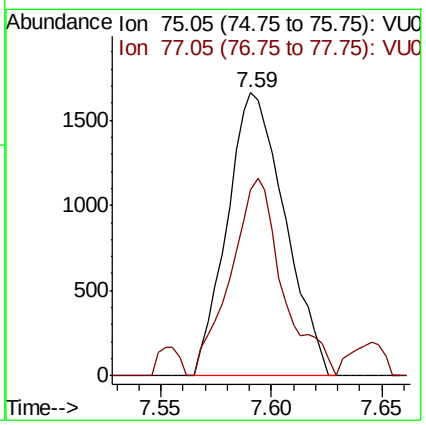


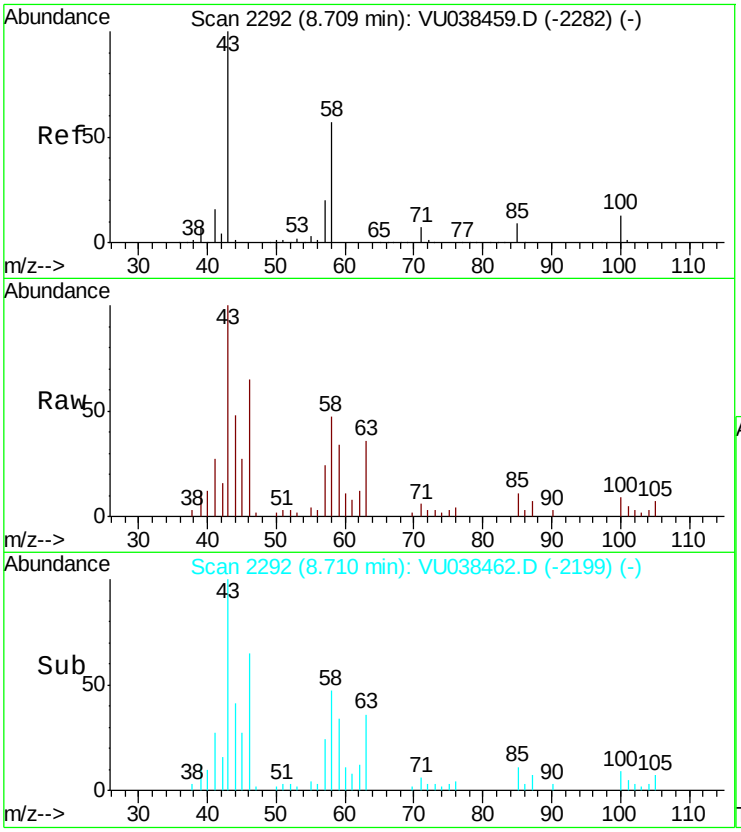




#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038462.D
Acq: 01 Jun 2020 11:41

Tgt Ion: 75 Resp: 3009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 65.6 | 21.9 | 40.7# |



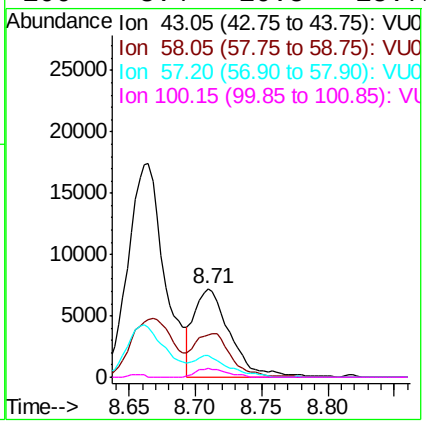


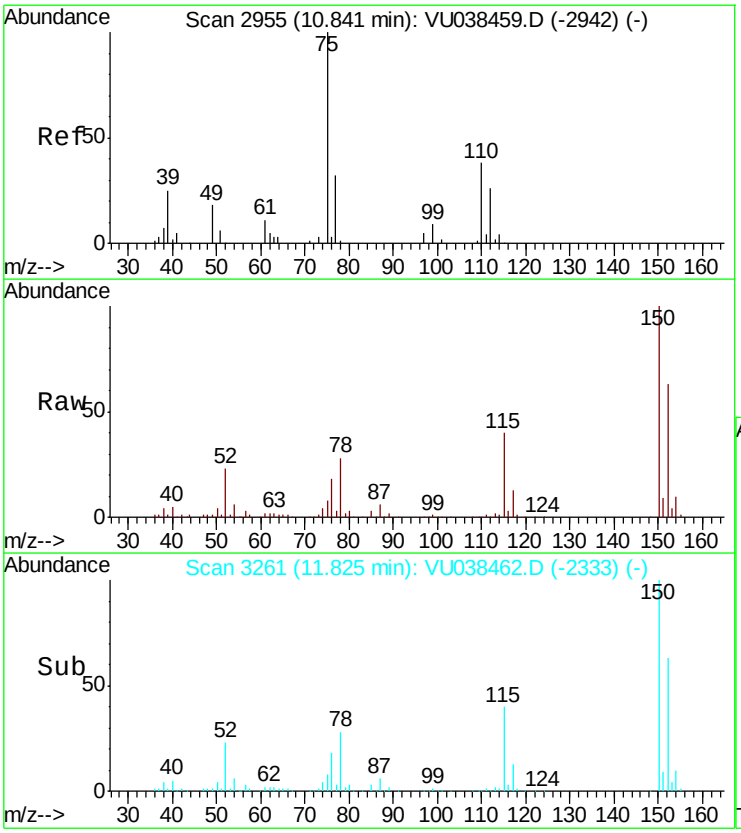

#48
2-Hexanone
Concen: 1.158 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038462.D
Acq: 01 Jun 2020 11:41

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

Tgt Ion: 43 Resp: 13679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 49.0 | 45.4 | 68.0 |
| 57 | 23.4 | 15.9 | 23.9 |
| 100 | 8.4 | 10.5 | 15.7# |




#59
1,2,3-Trichloropropane
Concen: 1.133 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038462.D
Acq: 01 Jun 2020 11:41

Tgt Ion: 75 Resp: 18438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.3 | 25.4 | 38.2 |