Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081420\
Data File : VU039861.D
Acq On : 14 Aug 2020 15:44
Operator : SY/MD
Sample : L3683-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 17 05:24:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 79327 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 75866 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 36723 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 17226 | 4.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 80.40% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 18574 | 4.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 80.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 26445 | 3.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 61.40% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 90389 | 47.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 95.96% | | | |
| 24) Chloroform-d | 5.08 | 84 | 45995 | 4.30 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 86.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 27484 | 4.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 86.20% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 81667 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 27606 | 4.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 89.40% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 65519 | 4.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 81.80% | | | |
| 43) trans-1,3-Dichloropropene- | 8.18 | 79 | 11168 | 4.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 94.20% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 66159 | 51.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 103.18% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 25925 | 4.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 86.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 31006 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 98.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.61 | 62 | 572 | 0.089 | ug/L # | 1 |
| 16) Methylene chloride | 3.06 | 84 | 2074 | 0.272 | ug/L | 86 |
| 22) cis-1,2-Dichloroethene | 4.69 | 96 | 27004 | 4.713 | ug/L | 97 |
| 35) Methylcyclohexane | 6.70 | 83 | 6750 | 0.788 | ug/L # | 19 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 3444 | 0.627 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 845 | 0.113 | ug/L # | 71 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 5318 | 1.343 | ug/L | 89 |

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

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

Quant Time: Aug 17 05:24:38 2020
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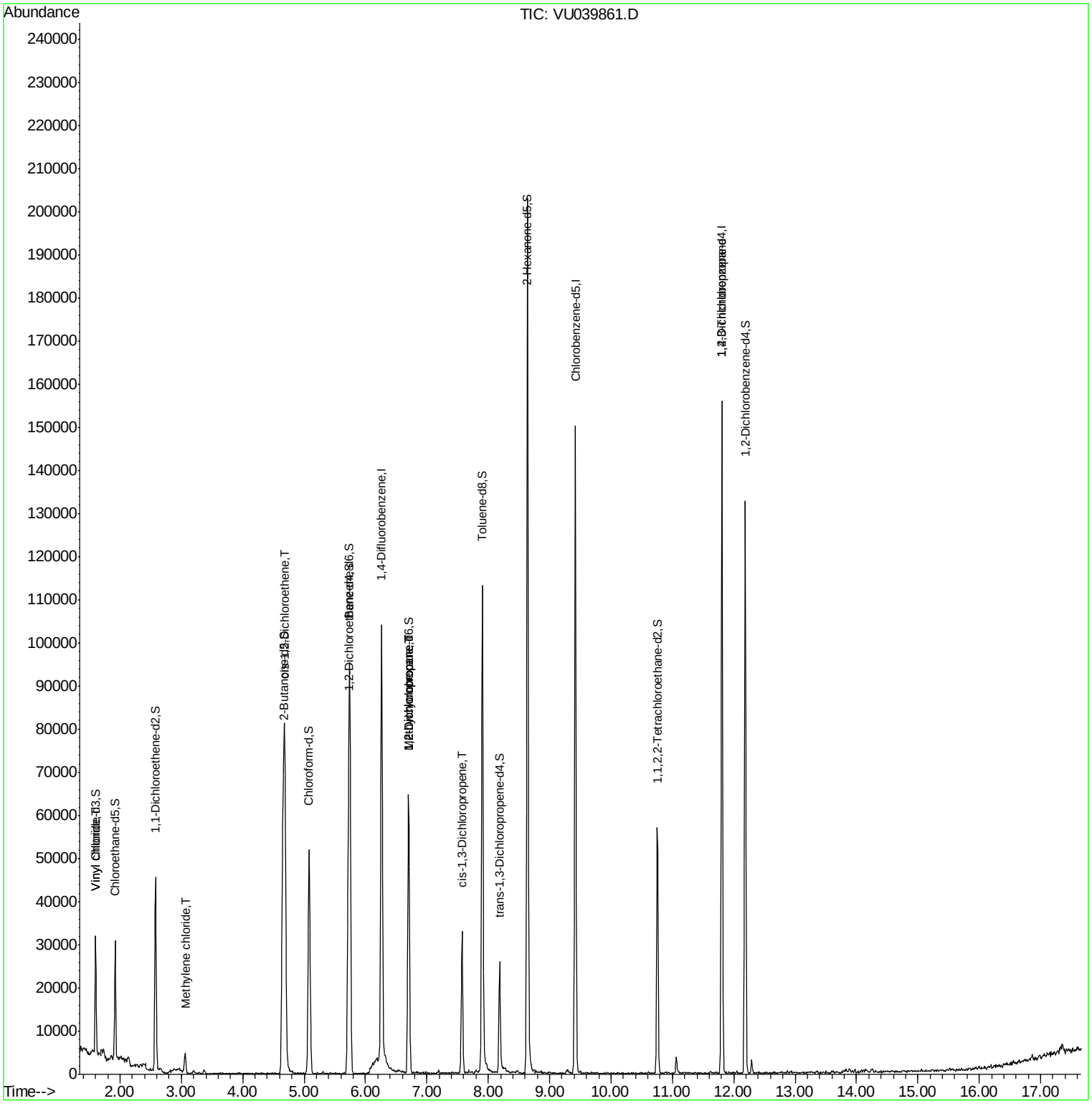
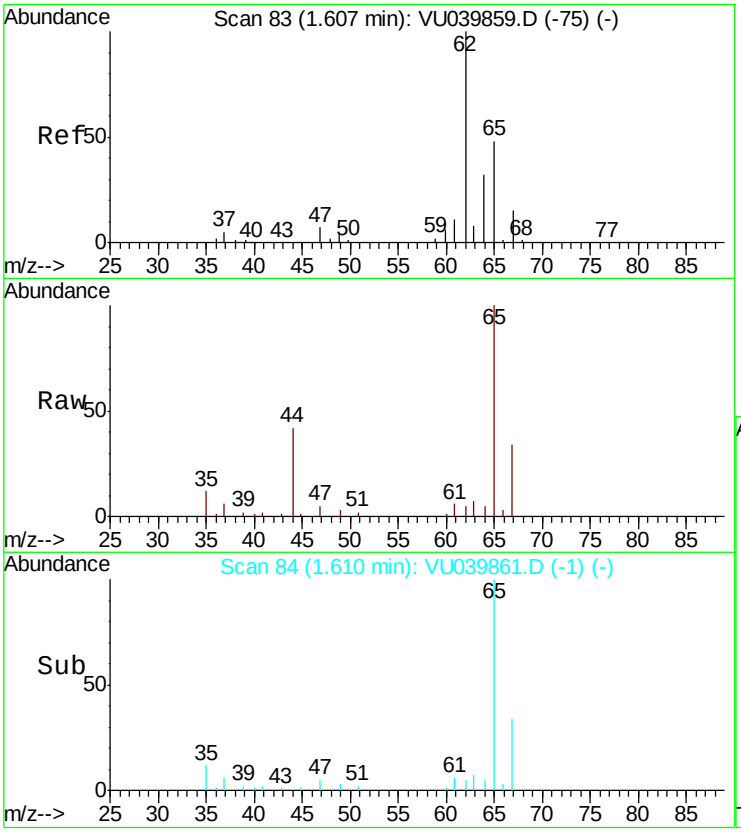
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration



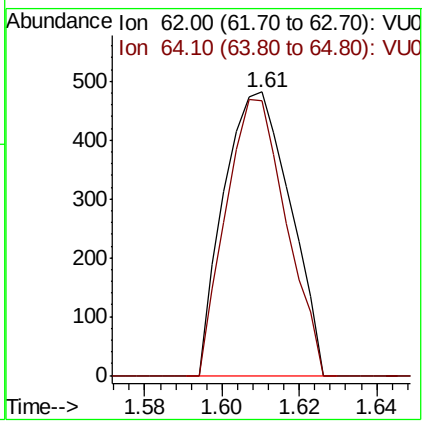


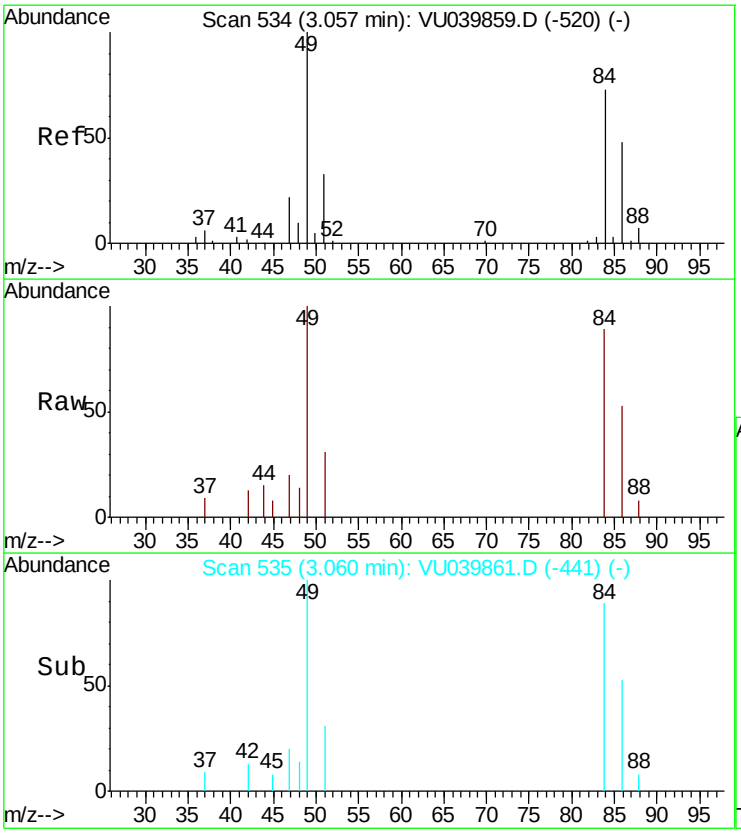

#5
Vinyl chloride
Concen: 0.089 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU039861.D
Acq: 14 Aug 2020 15:44

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

Tgt Ion: 62 Resp: 572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 96.7 | 24.1 | 44.7# |

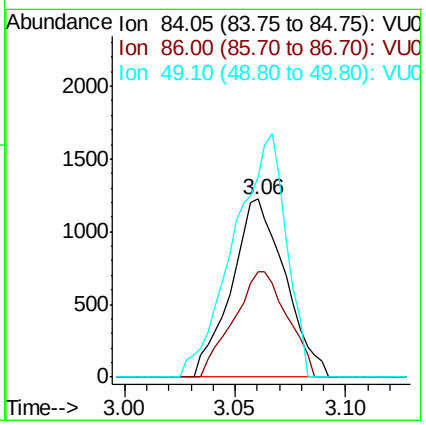


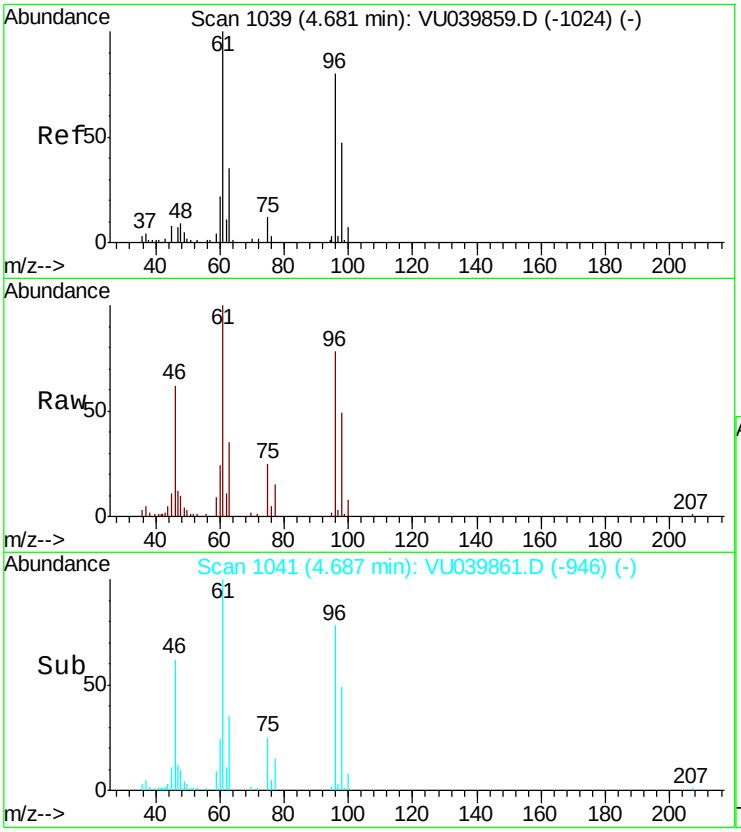




#16
Methylene chloride
Concen: 0.272 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU039861.D
Acq: 14 Aug 2020 15:44

Tgt Ion: 84 Resp: 2074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 59.4 | 43.9 | 81.5 |
| 49 | 112.7 | 94.4 | 175.4 |



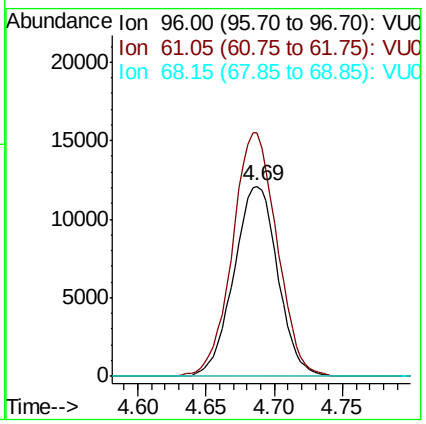


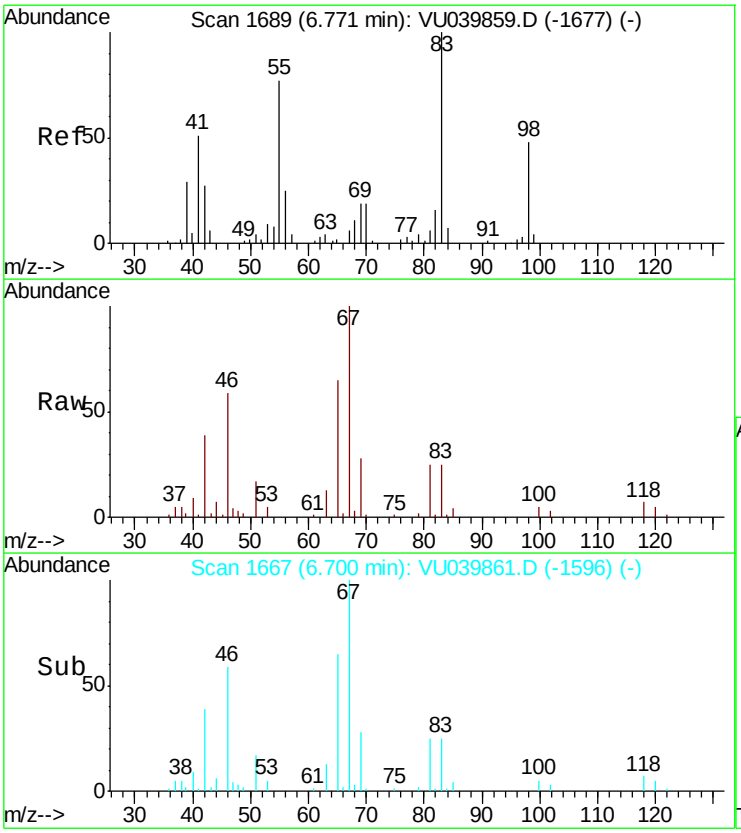

#22
cis-1,2-Dichloroethene
Concen: 4.713 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU039861.D
Acq: 14 Aug 2020 15:44

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

Tgt Ion: 96 Resp: 27004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 128.3 | 87.4 | 162.2 |
| 68 | 0.0 | 0.0 | 0.0 |

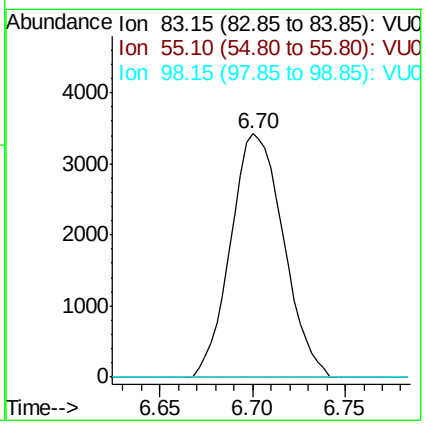


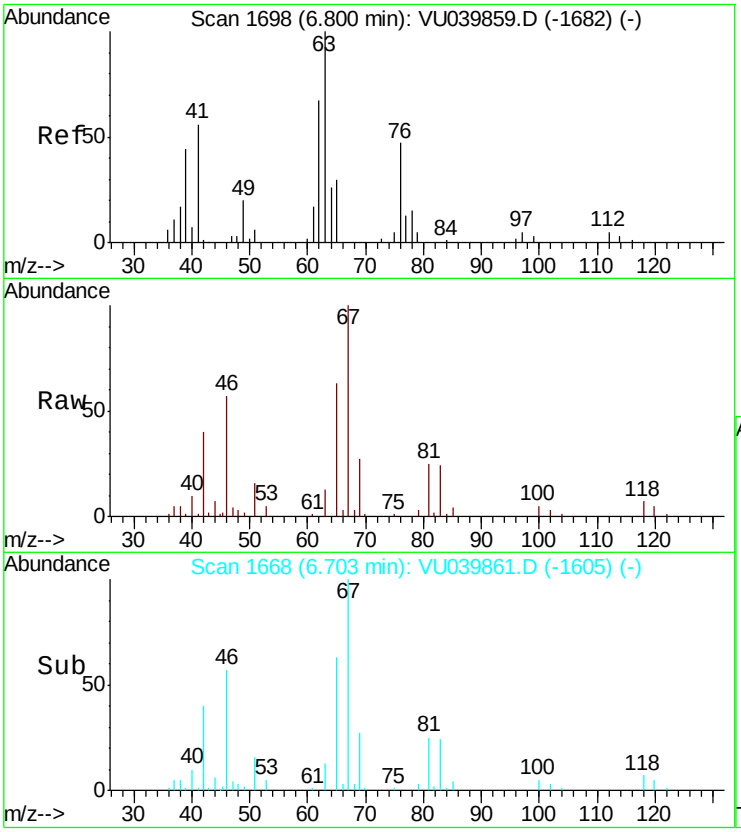




#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039861.D
Acq: 14 Aug 2020 15:44

Tgt Ion: 83 Resp: 6750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 59.4 | 89.0# |
| 98 | 0.0 | 39.0 | 58.4# |



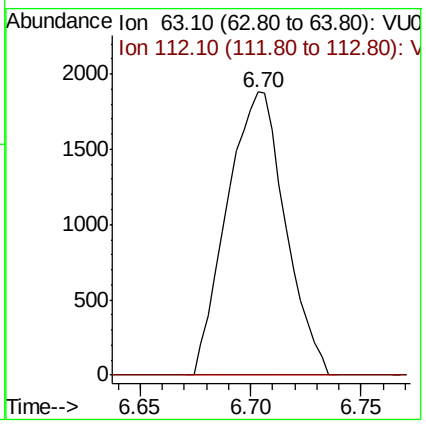


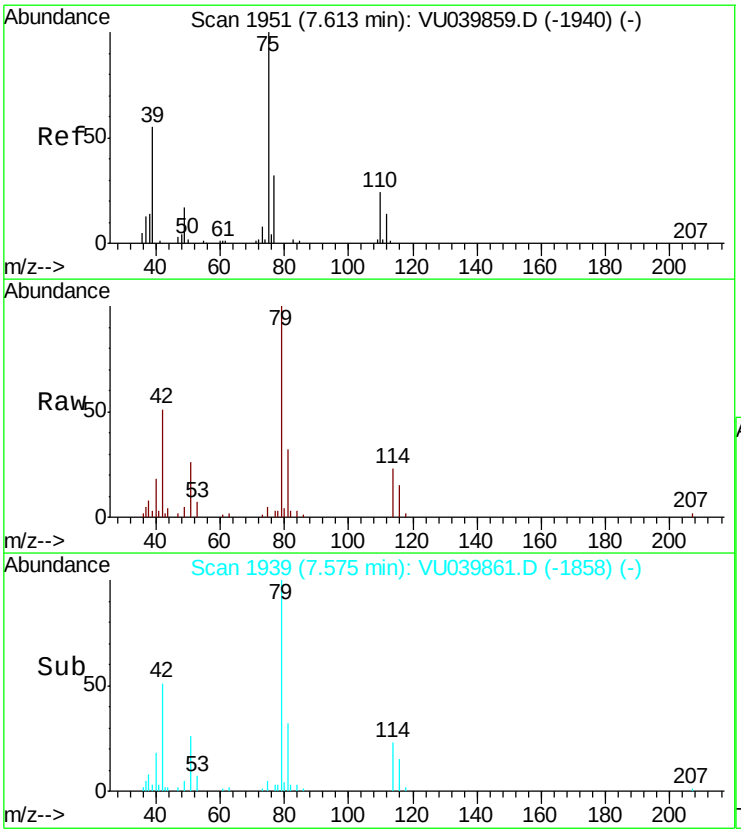

#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039861.D
Acq: 14 Aug 2020 15:44

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

Tgt Ion: 63 Resp: 3444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.8 | 5.6# |

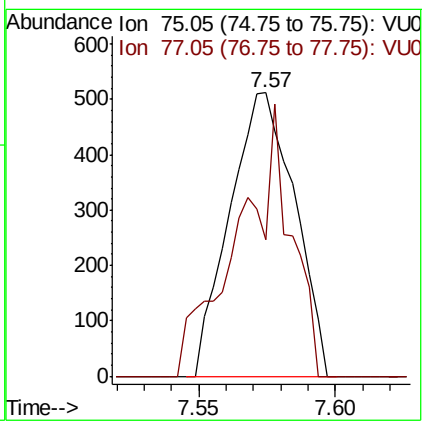


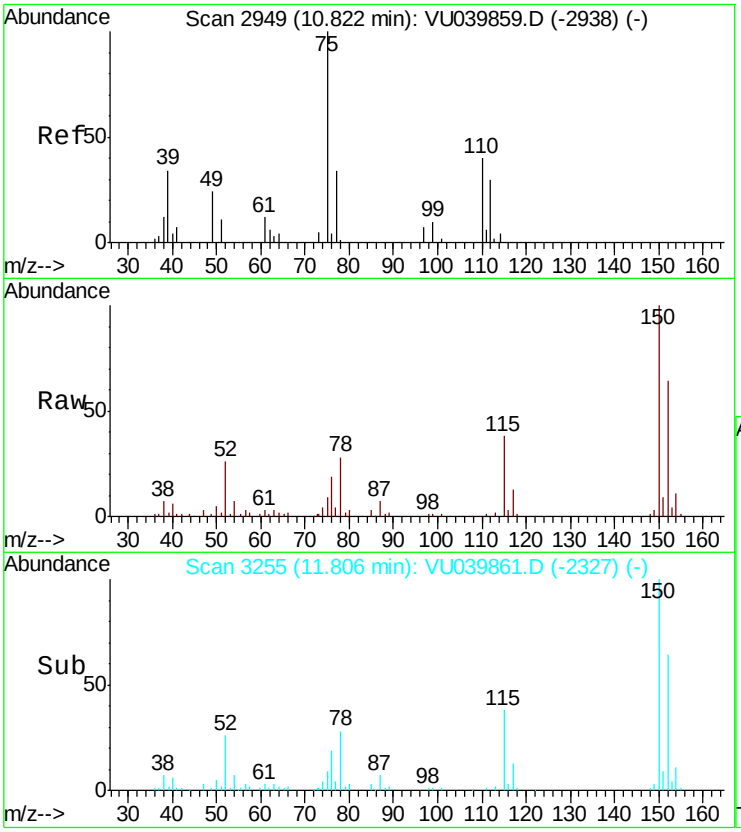




#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039861.D
Acq: 14 Aug 2020 15:44

Tgt Ion: 75 Resp: 845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.2 | 22.4 | 41.6# |






#59
1,2,3-Trichloropropane
Concen: 1.343 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039861.D
Acq: 14 Aug 2020 15:44

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

Tgt Ion: 75 Resp: 5318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.7 | 24.6 | 37.0 |