Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112320\

Quantitation Report (Not Reviewed)

Data File : VU041392.D
Acq On : 23 Nov 2020 17:03
Operator : SY/MD
Sample : L4853-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK02

Quant Time: Nov 24 01:54:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 69097 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 72813 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 30016 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 22427 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 92.40% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 16748 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.57 | 63 | 36812 | 3.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 77.20% | | | |
| 20) 2-Butanone-d5 | 4.64 | 46 | 61527 | 49.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 99.46% | | | |
| 24) Chloroform-d | 5.08 | 84 | 42949 | 4.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 86.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 27763 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.40% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 80507 | 4.52 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 24642 | 4.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 87.00% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 74167 | 4.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 88.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 11791 | 4.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 91.60% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 38190 | 45.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 90.72% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76 | 84 | 22039 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 95.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 26793 | 5.36 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 107.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.58 | 96 | 243 | 0.057 | ug/L # | 1 |
| 16) Methylene chloride | 3.06 | 84 | 1361 | 0.224 | ug/L | 90 |
| 25) Chloroform | 5.10 | 83 | 6071 | 0.602 | ug/L | 94 |
| 27) 1,2-Dichloroethane | 5.74 | 62 | 401 | 0.061 | ug/L # | 78 |
| 33) Benzene | 5.75 | 78 | 513 | 0.026 | ug/L | 100 |
| 35) Methylcyclohexane | 6.70 | 83 | 6594 | 0.850 | ug/L # | 15 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 3039 | 0.567 | ug/L # | 90 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 910 | 0.123 | ug/L | 87 |
| 44) trans-1,3-Dichloropropene | 8.19 | 75 | 551 | 0.082 | ug/L # | 61 |
| 48) 2-Hexanone | 8.64 | 43 | 5371 | 2.227 | ug/L # | 73 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 4349 | 1.242 | ug/L | 97 |

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

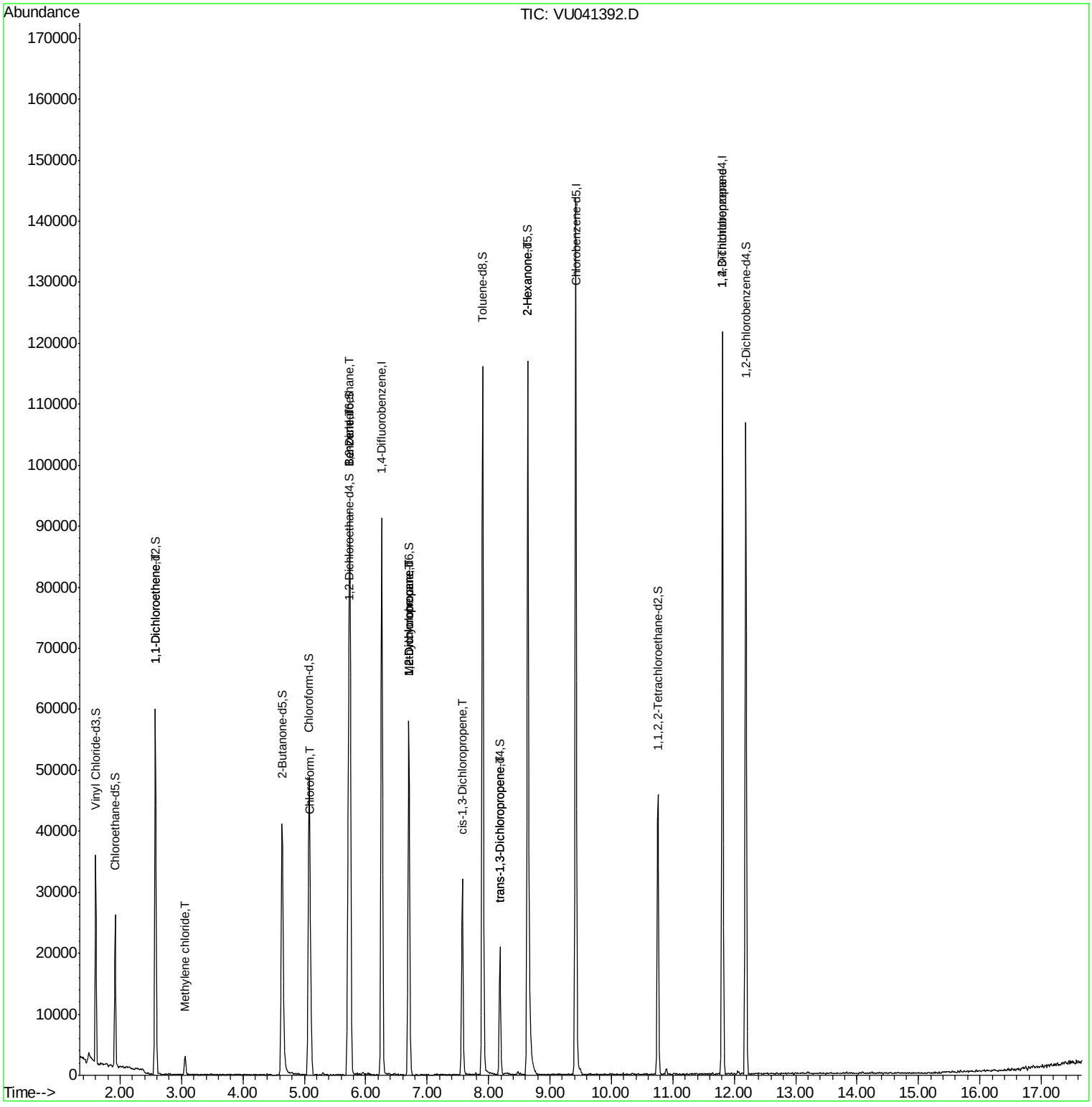
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112320\

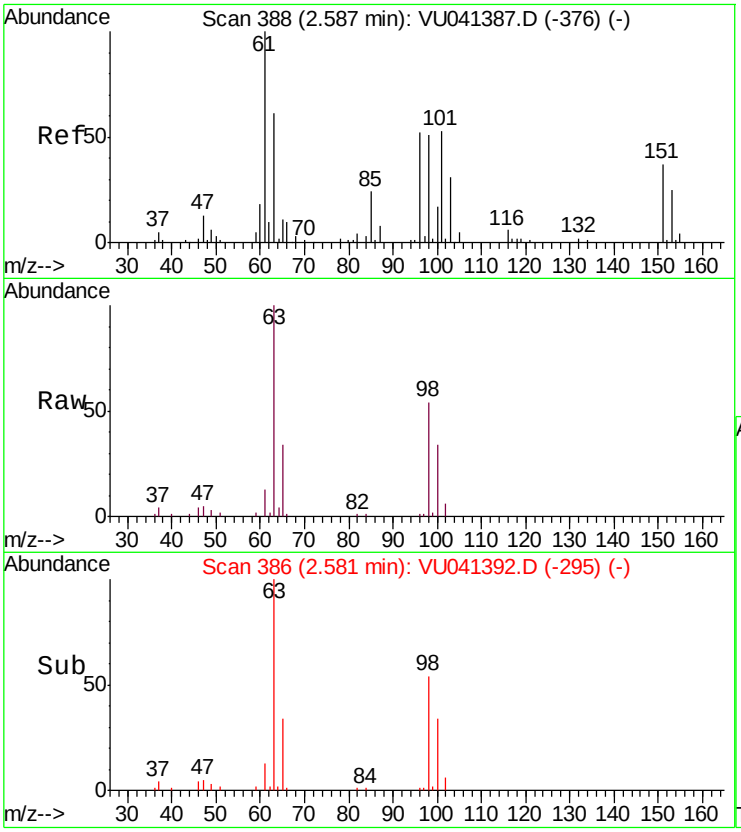
Quantitation Report (Not Reviewed)

Data File : VU041392.D
Acq On : 23 Nov 2020 17:03
Operator : SY/MD
Sample : L4853-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK02

Quant Time: Nov 24 01:54:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration



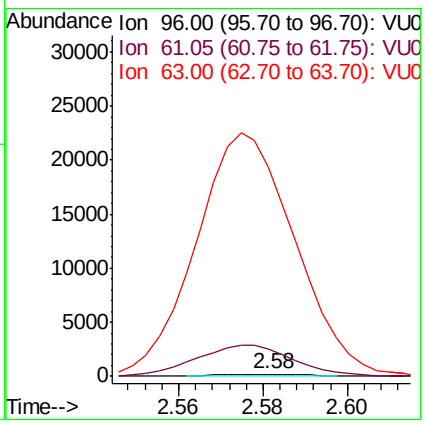


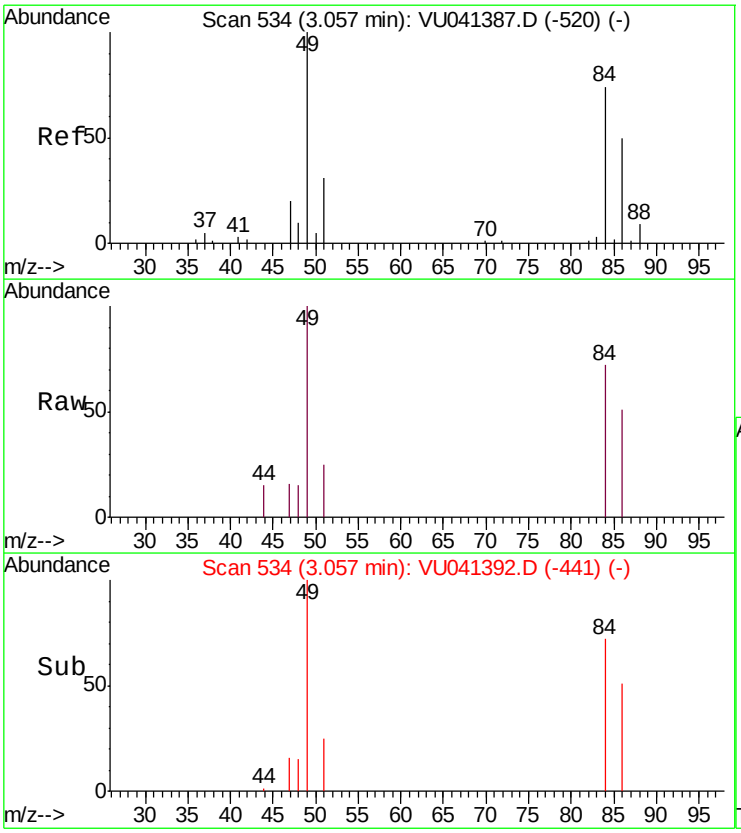

#12
1,1-Dichloroethene
Concen: 0.057 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041392.D
Acq: 23 Nov 2020 17:03

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK02

Tgt Ion: 96 Resp: 243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1414.4 | 129.8 | 241.2# |
| 63 | 10705.0 | 79.2 | 147.0# |

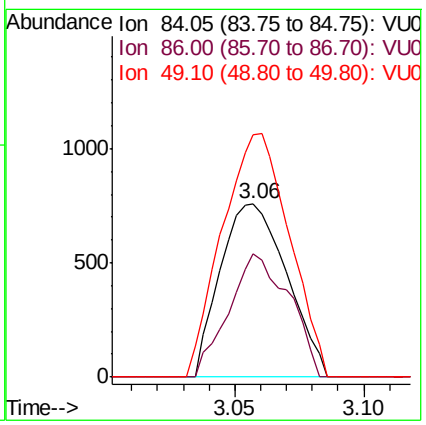


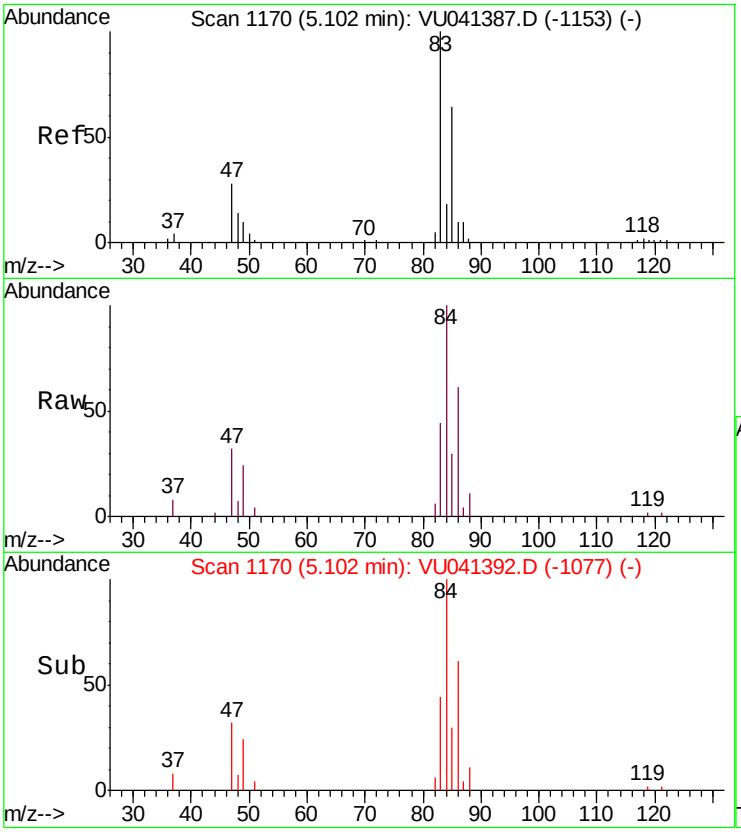




#16
Methylene chloride
Concen: 0.224 ug/L
RT: 3.06 min Scan# 534
Delta R.T. 0.00 min
Lab File: VU041392.D
Acq: 23 Nov 2020 17:03

Tgt Ion: 84 Resp: 1361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 71.1 | 44.4 | 82.5 |
| 49 | 139.7 | 89.9 | 167.0 |



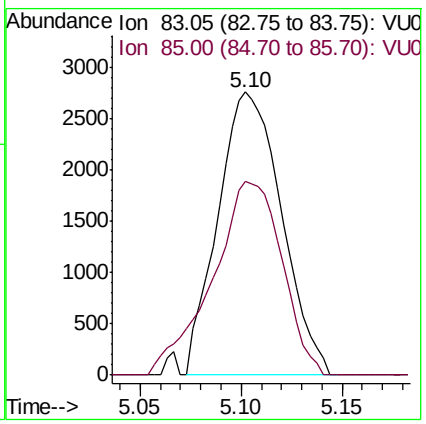


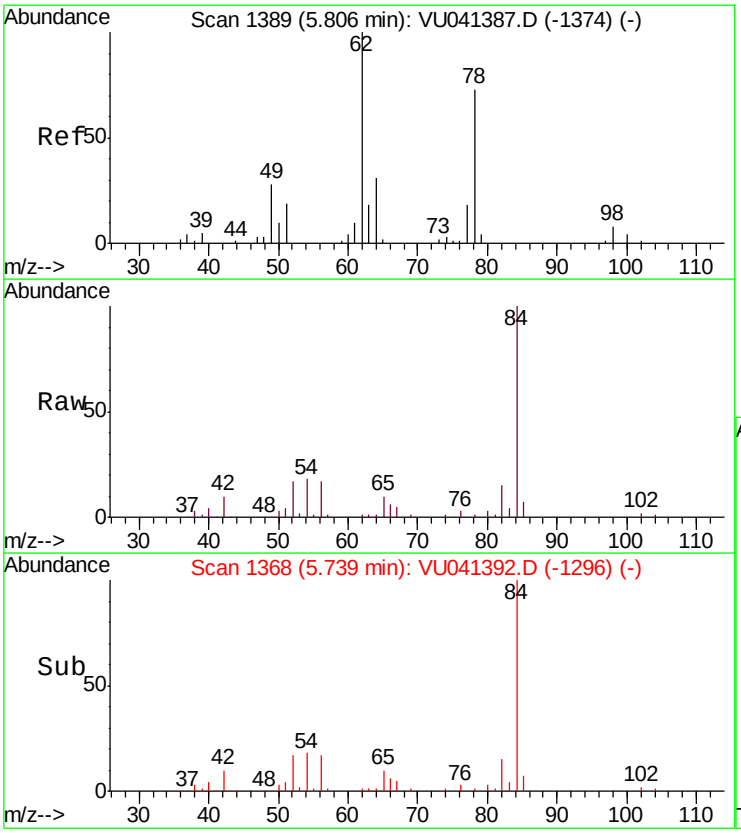

#25
Chloroform
Concen: 0.602 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU041392.D
Acq: 23 Nov 2020 17:03

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK02

Tgt Ion: 83 Resp: 6071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 68.4 | 44.7 | 82.9 |

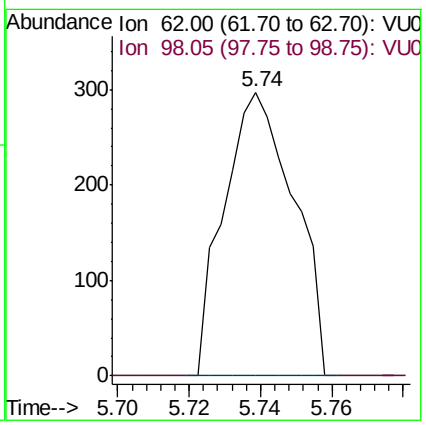


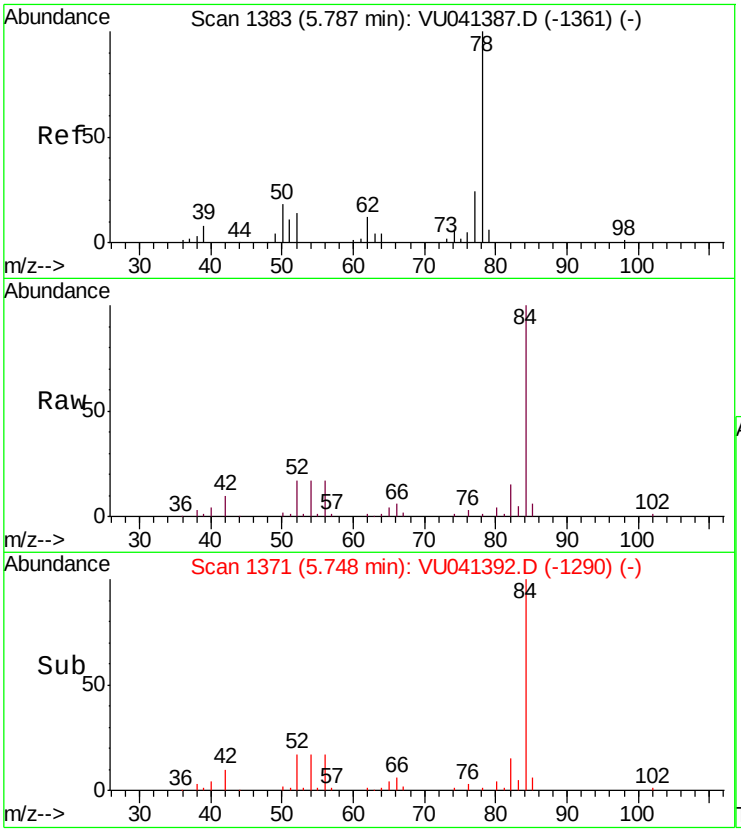




#27
1,2-Dichloroethane
Concen: 0.061 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041392.D
Acq: 23 Nov 2020 17:03

Tgt Ion: 62 Resp: 401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 6.0 | 9.0# |

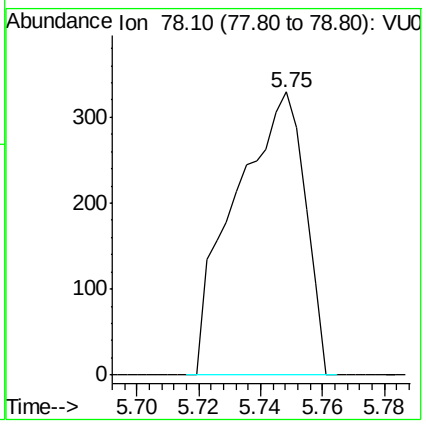


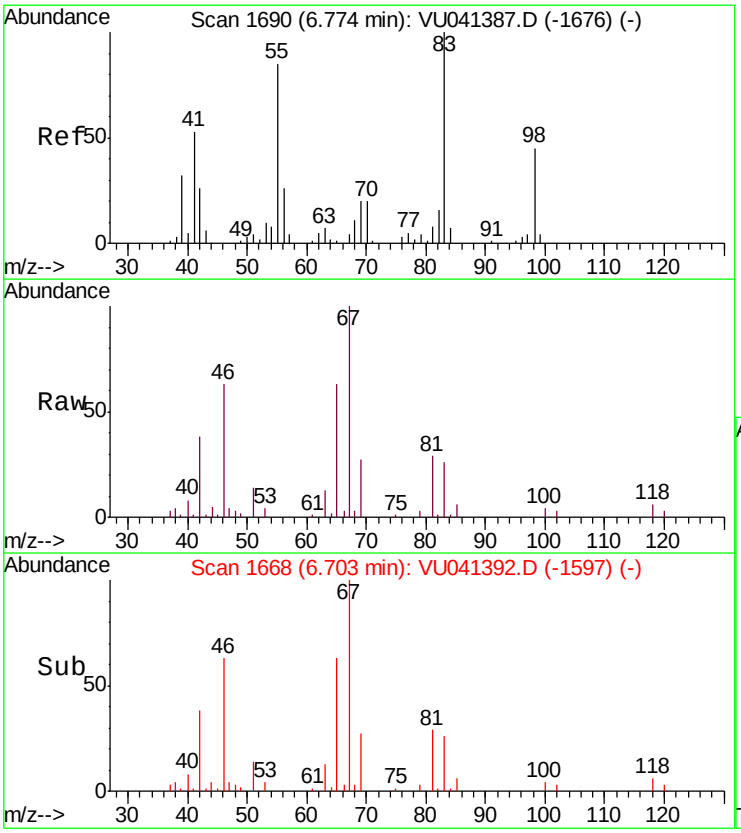



#33
Benzene
Concen: 0.026 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU041392.D
Acq: 23 Nov 2020 17:03

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK02

Tgt Ion: 78 Resp: 513

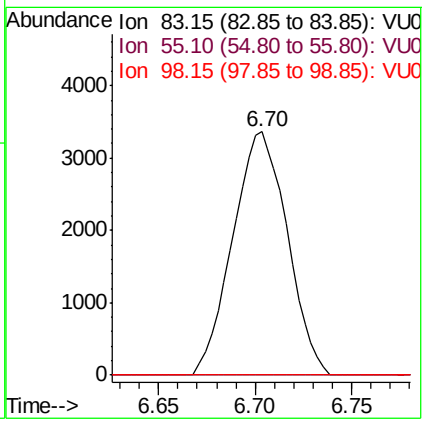


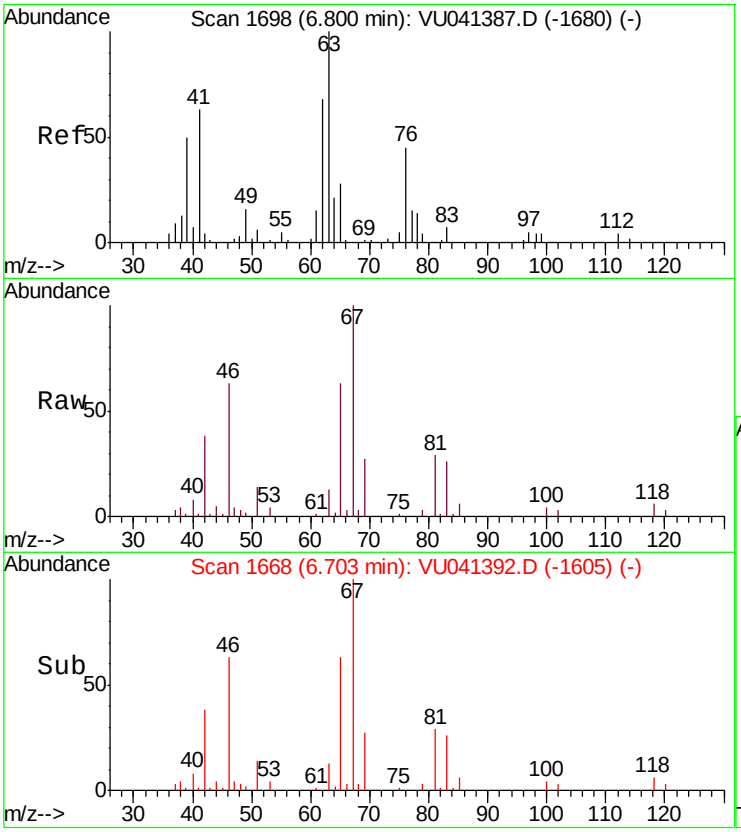




#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041392.D
Acq: 23 Nov 2020 17:03

Tgt Ion: 83 Resp: 6594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 68.4 | 102.6# |
| 98 | 0.0 | 36.5 | 54.7# |



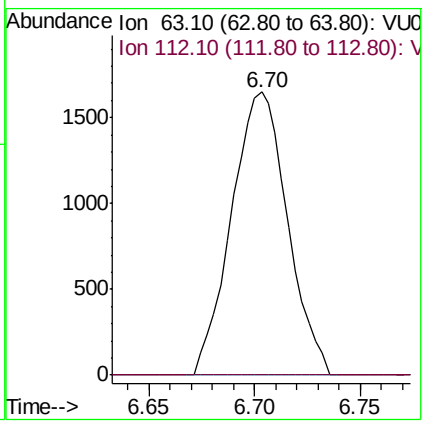


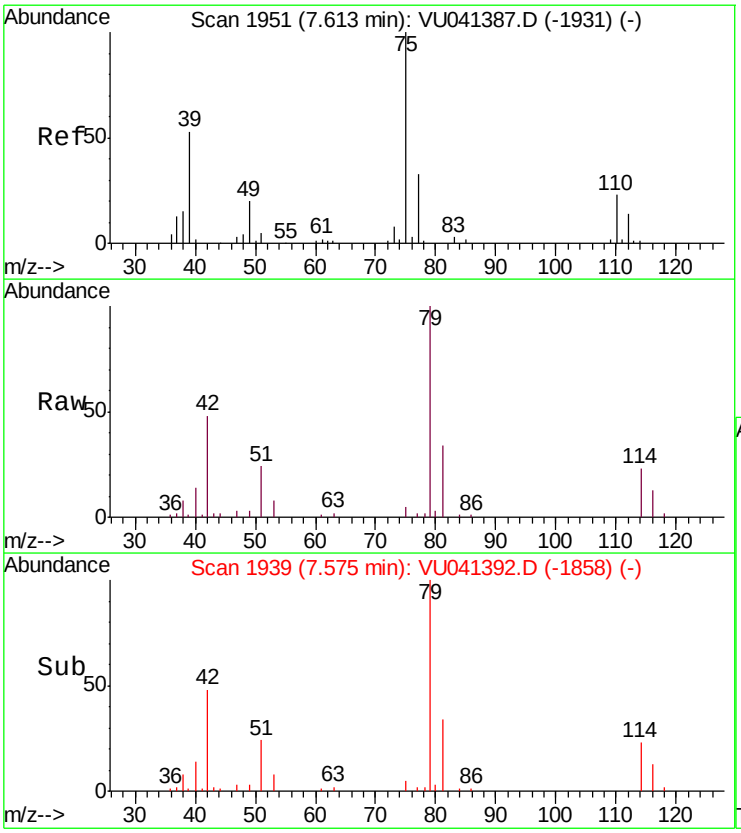

#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041392.D
Acq: 23 Nov 2020 17:03

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK02

Tgt Ion: 63 Resp: 3039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 2.6 | 4.0# |

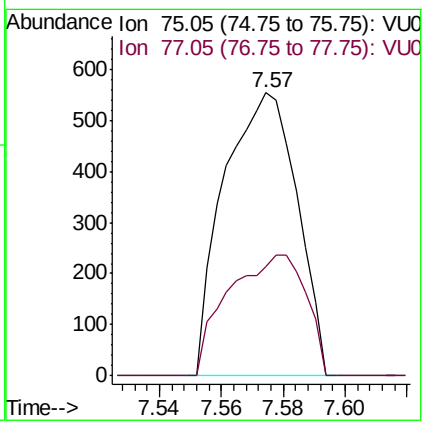


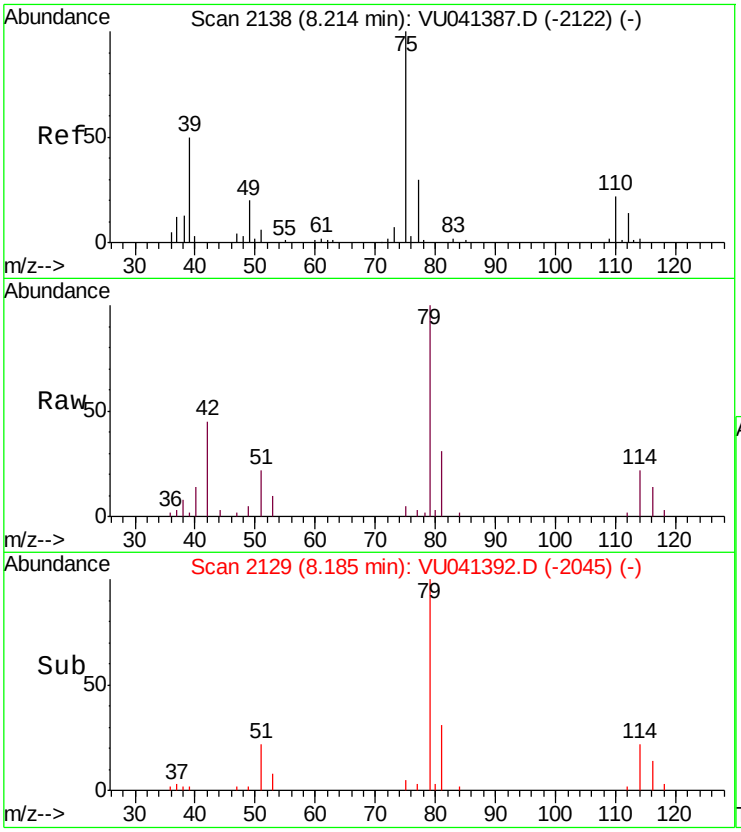




#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041392.D
Acq: 23 Nov 2020 17:03

Tgt Ion: 75 Resp: 910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.6 | 22.1 | 41.1 |



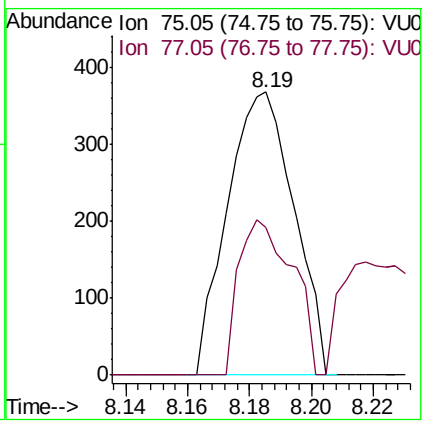


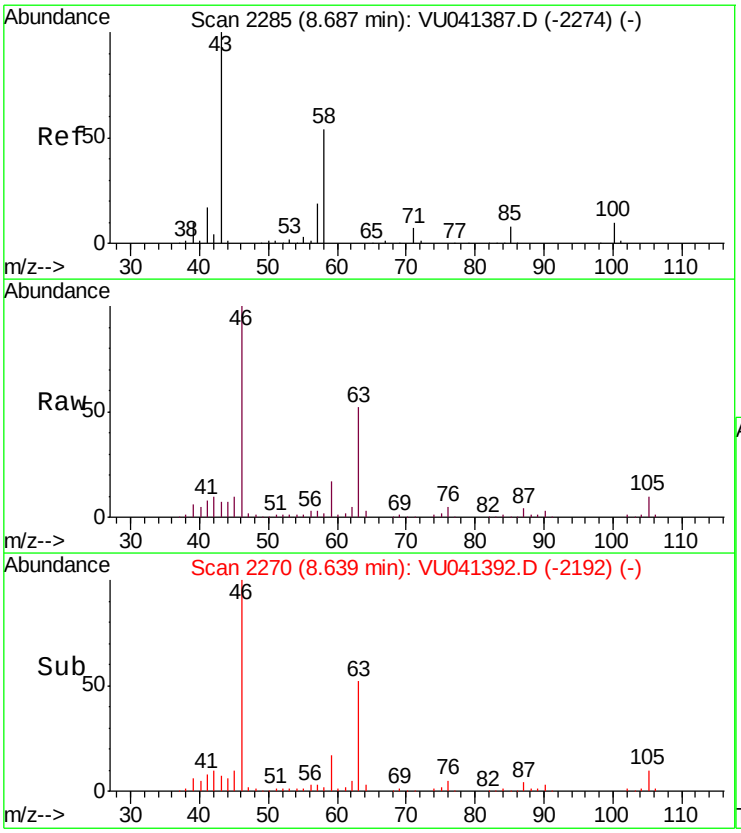

#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041392.D
Acq: 23 Nov 2020 17:03

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK02

Tgt Ion: 75 Resp: 551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 52.4 | 21.7 | 40.3# |

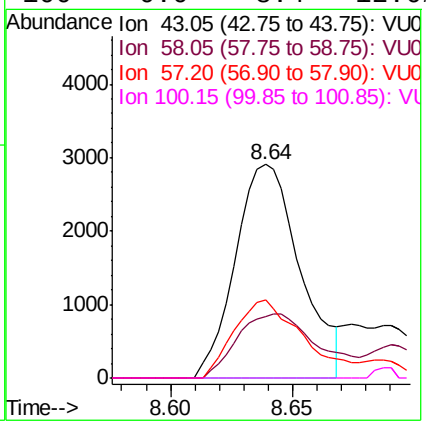


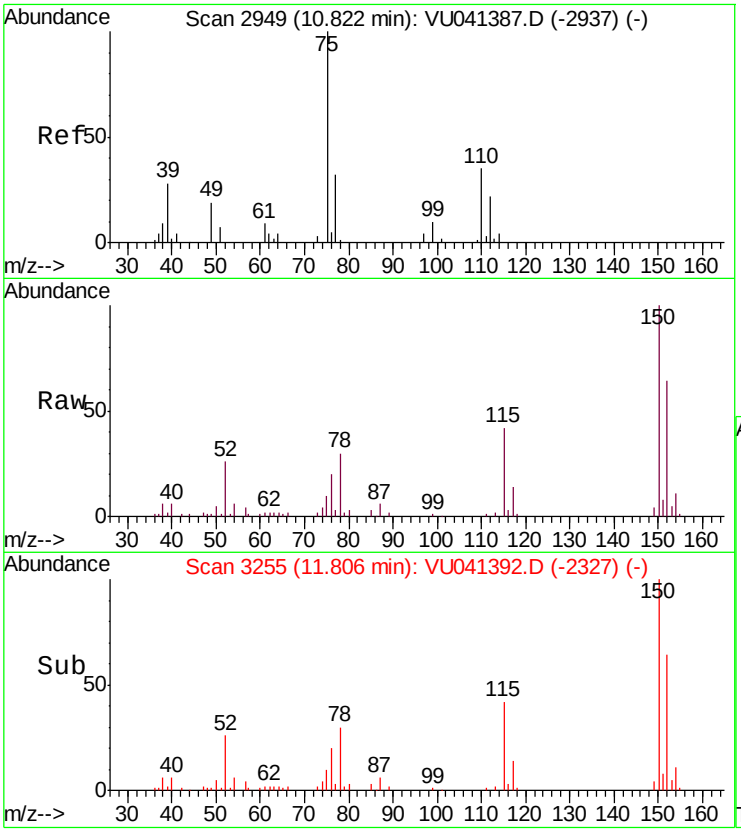




#48
2-Hexanone
Concen: 2.227 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041392.D
Acq: 23 Nov 2020 17:03

Tgt Ion: 43 Resp: 5371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.7 | 42.0 | 63.0# |
| 57 | 38.7 | 15.0 | 22.4# |
| 100 | 0.0 | 8.4 | 12.6# |






#59
1,2,3-Trichloropropane
Concen: 1.242 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041392.D
Acq: 23 Nov 2020 17:03

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK02

Tgt Ion: 75 Resp: 4349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.8 | 25.1 | 37.7 |