Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100920\
Data File : VU040588.D
Acq On : 09 Oct 2020 16:52
Operator : SY/MD
Sample : L4240-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Quant Time: Oct 10 04:22:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 04:13:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 150205 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 152855 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 68090 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 51374 | 4.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 82.60% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 42924 | 4.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 89.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 78270 | 3.22 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 64.40% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 196993 | 49.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 98.92% | | | |
| 24) Chloroform-d | 5.08 | 84 | 95950 | 4.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 60304 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 90.60% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 185429 | 4.50 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 60787 | 4.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 88.80% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 151463 | 4.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 82.00% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 24708 | 4.26 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 85.20% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 141679 | 47.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 94.84% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 53558 | 4.36 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 87.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 63383 | 5.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 100.40% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.57 | 101 | 640 | 0.051 | ug/L # | 20 |
| 16) Methylene chloride | 3.06 | 84 | 1566 | 0.114 | ug/L | 96 |
| 25) Chloroform | 5.10 | 83 | 2019 | 0.085 | ug/L | 93 |
| 27) 1,2-Dichloroethane | 5.74 | 62 | 1012 | 0.060 | ug/L # | 77 |
| 33) Benzene | 5.75 | 78 | 1554 | 0.032 | ug/L | 100 |
| 35) Methylcyclohexane | 6.70 | 83 | 14550 | 0.806 | ug/L # | 14 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 7433 | 0.543 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 1900 | 0.102 | ug/L # | 77 |
| 44) trans-1,3-Dichloropropene | 8.19 | 75 | 1159 | 0.067 | ug/L | 97 |
| 48) 2-Hexanone | 8.64 | 43 | 18541 | 2.283 | ug/L # | 69 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 9225 | 0.918 | ug/L | 89 |

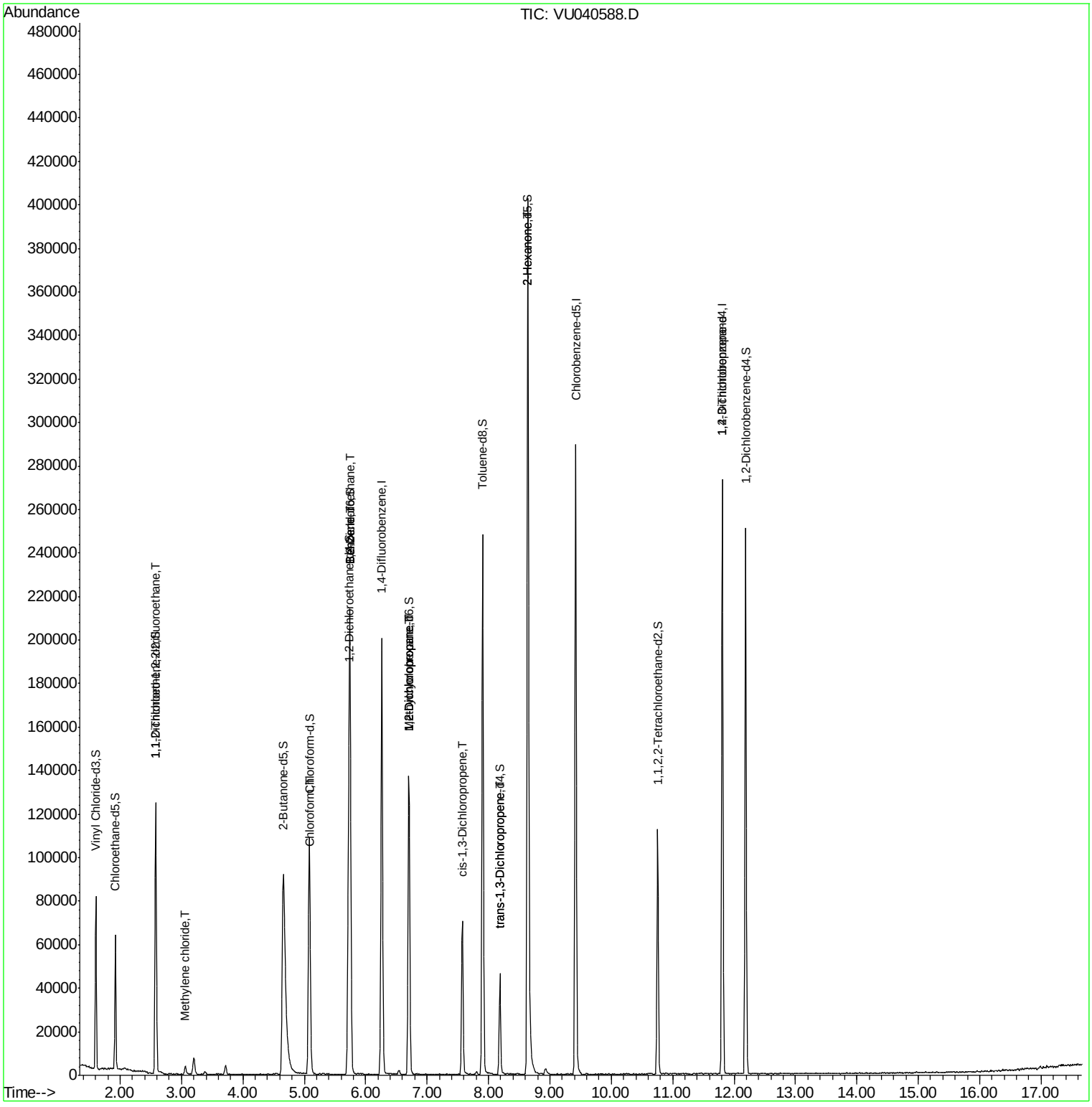
(#) = qualifier out of range (m) = manual integration (+) = signals summed

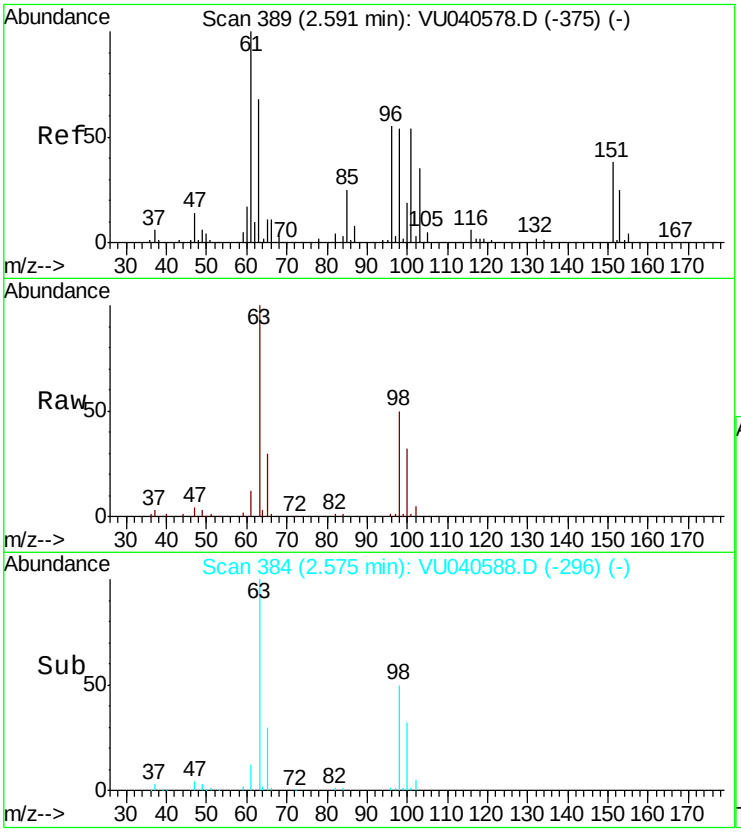
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100920\
Data File : VU040588.D
Acq On : 09 Oct 2020 16:52
Operator : SY/MD
Sample : L4240-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Quant Time: Oct 10 04:22:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 04:13:39 2020
Response via : Initial Calibration



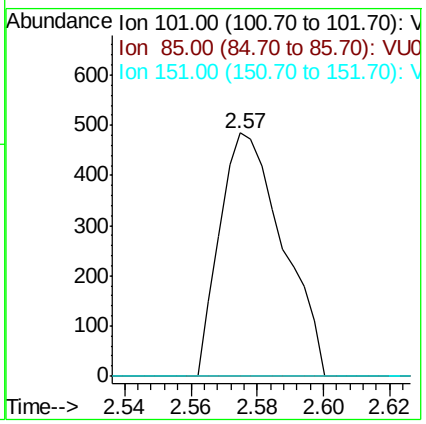


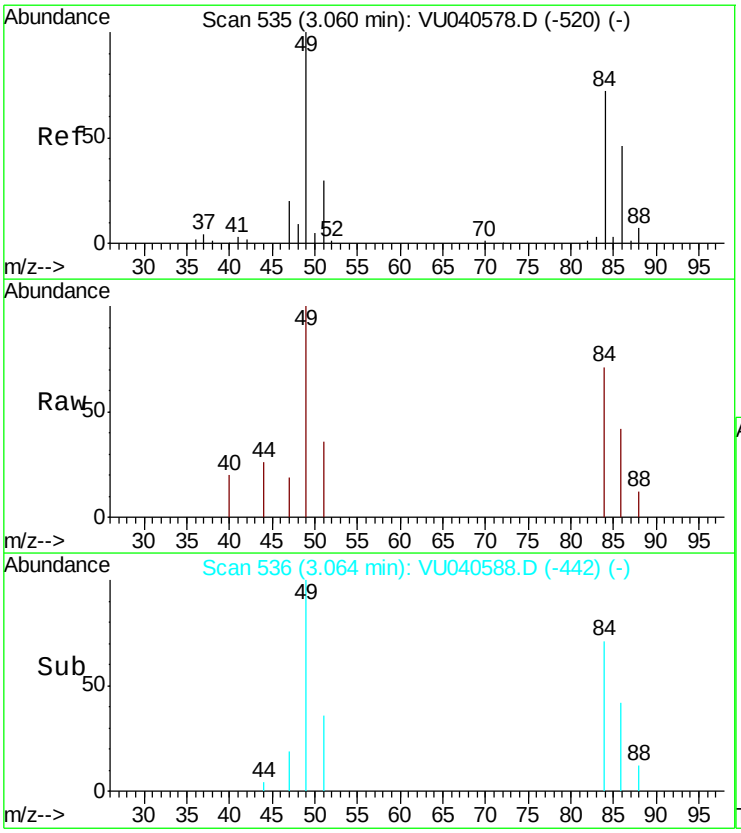

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU040588.D
Acq: 09 Oct 2020 16:52

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Tgt Ion:101 Resp: 640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 36.7 | 55.1# |
| 151 | 0.0 | 58.0 | 87.0# |

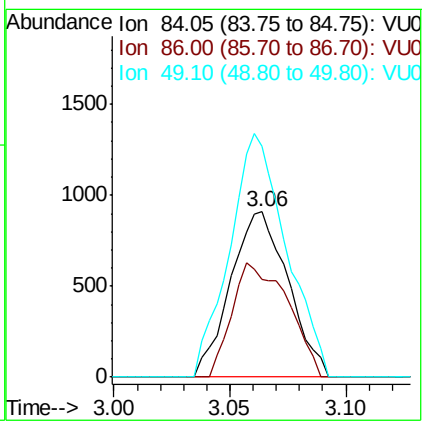


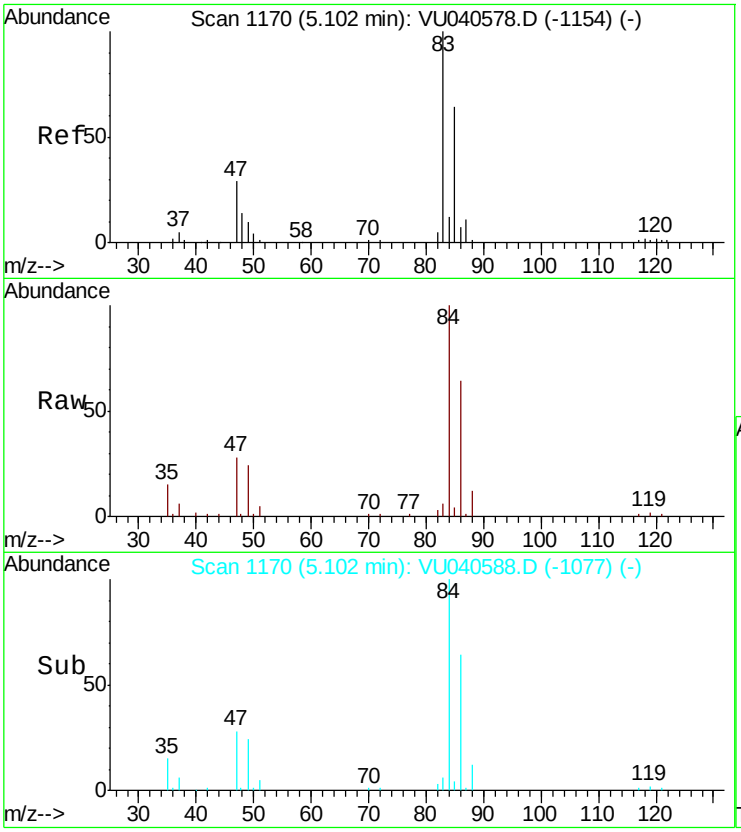




#16
Methylene chloride
Concen: 0.114 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040588.D
Acq: 09 Oct 2020 16:52

Tgt Ion: 84 Resp: 1566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 59.3 | 45.4 | 84.4 |
| 49 | 139.9 | 99.8 | 185.3 |



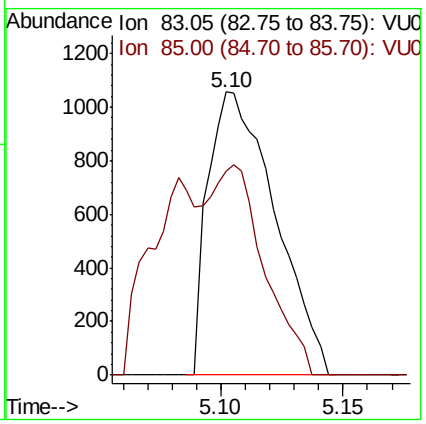


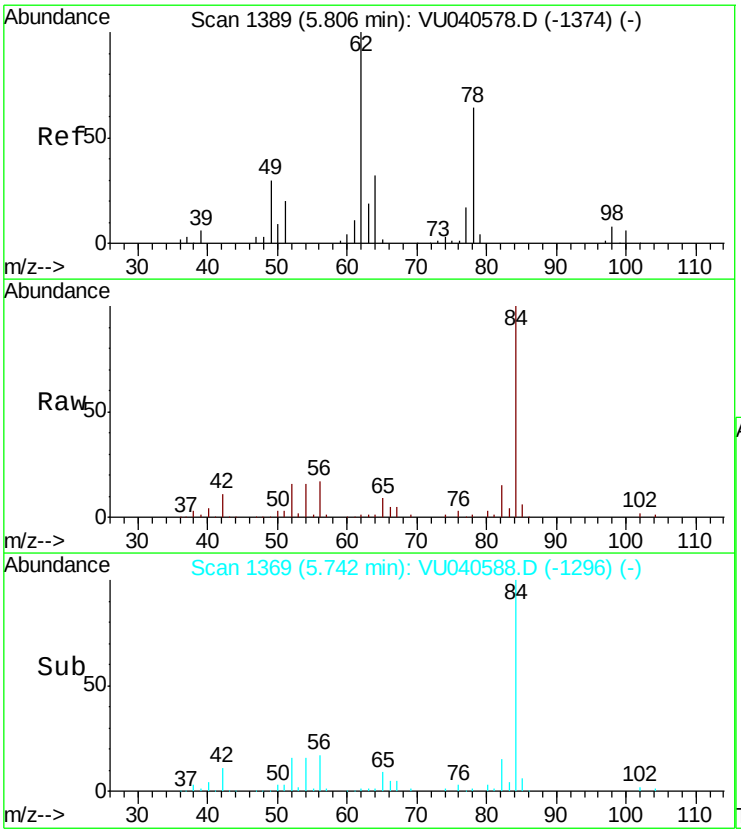

#25
Chloroform
Concen: 0.085 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040588.D
Acq: 09 Oct 2020 16:52

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 83 Resp: 2019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 72.1 | 46.5 | 86.5 |

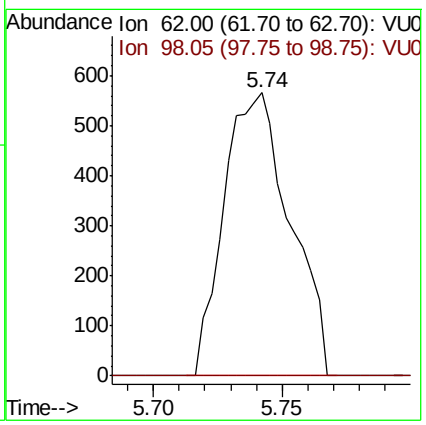


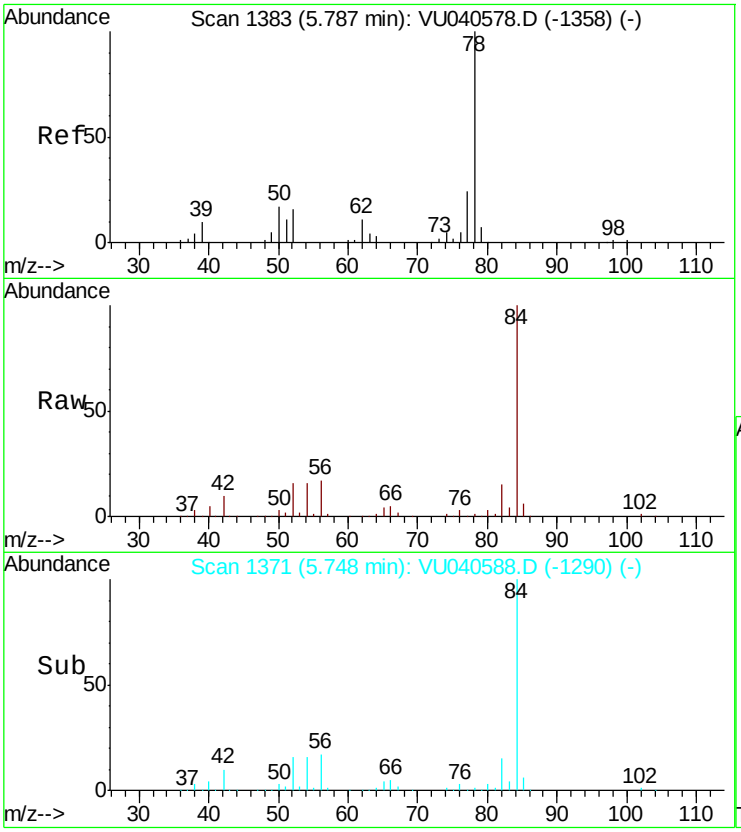




#27
1,2-Dichloroethane
Concen: 0.060 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU040588.D
Acq: 09 Oct 2020 16:52

Tgt Ion: 62 Resp: 1012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 6.6 | 10.0# |

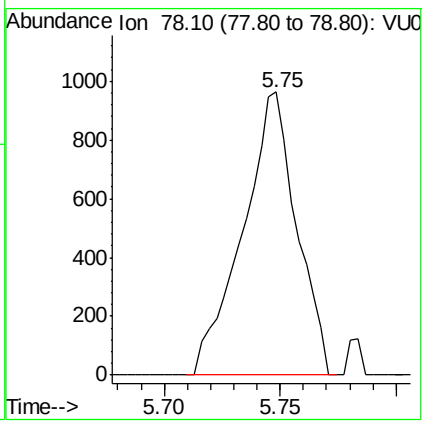


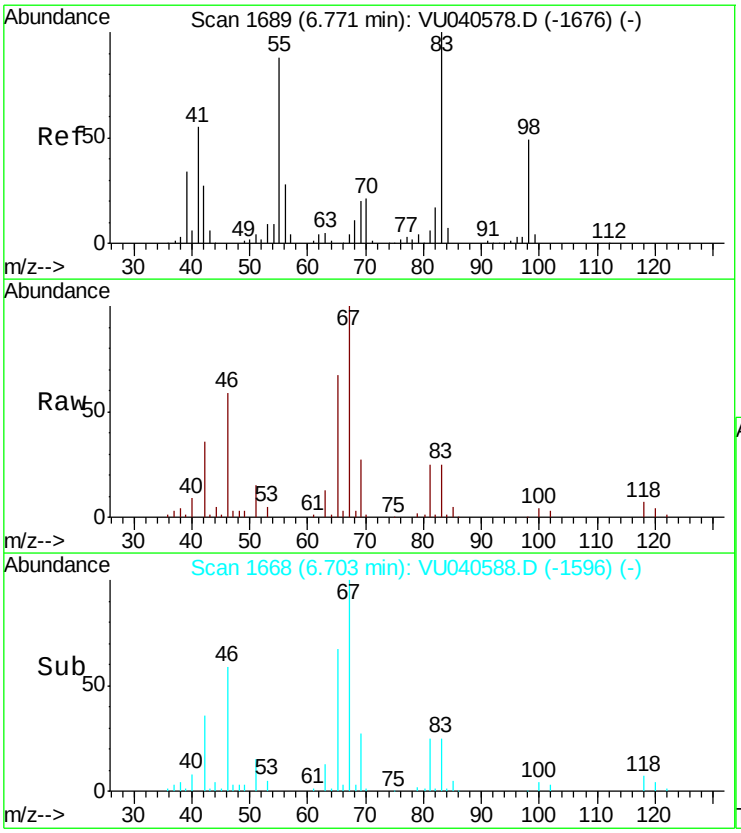



#33
Benzene
Concen: 0.032 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU040588.D
Acq: 09 Oct 2020 16:52

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 78 Resp: 1554

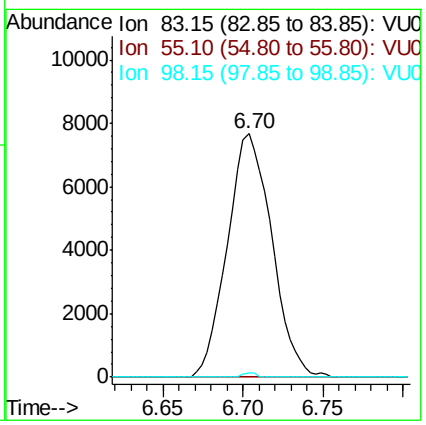


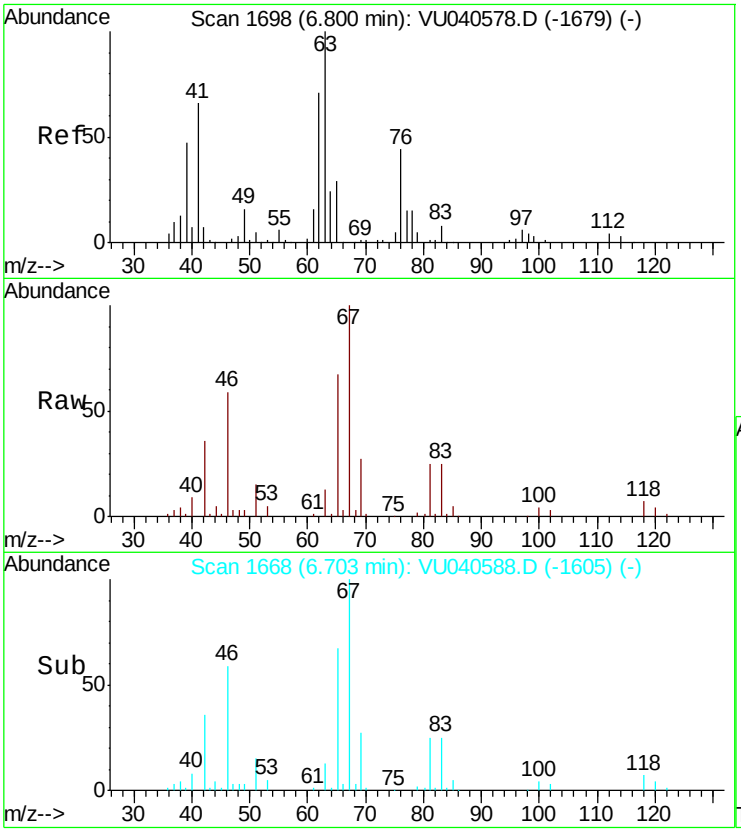




#35
Methylcyclohexane
Concen: 0.806 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040588.D
Acq: 09 Oct 2020 16:52

Tgt Ion: 83 Resp: 14550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 70.7 | 106.1# |
| 98 | 0.5 | 38.4 | 57.6# |



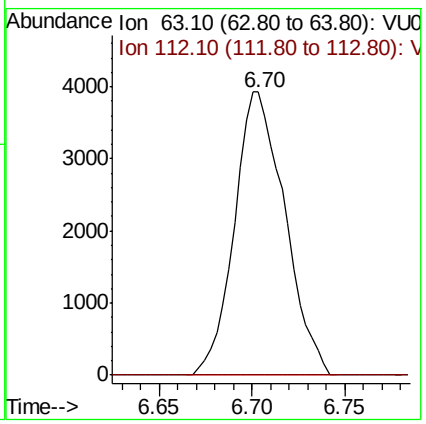


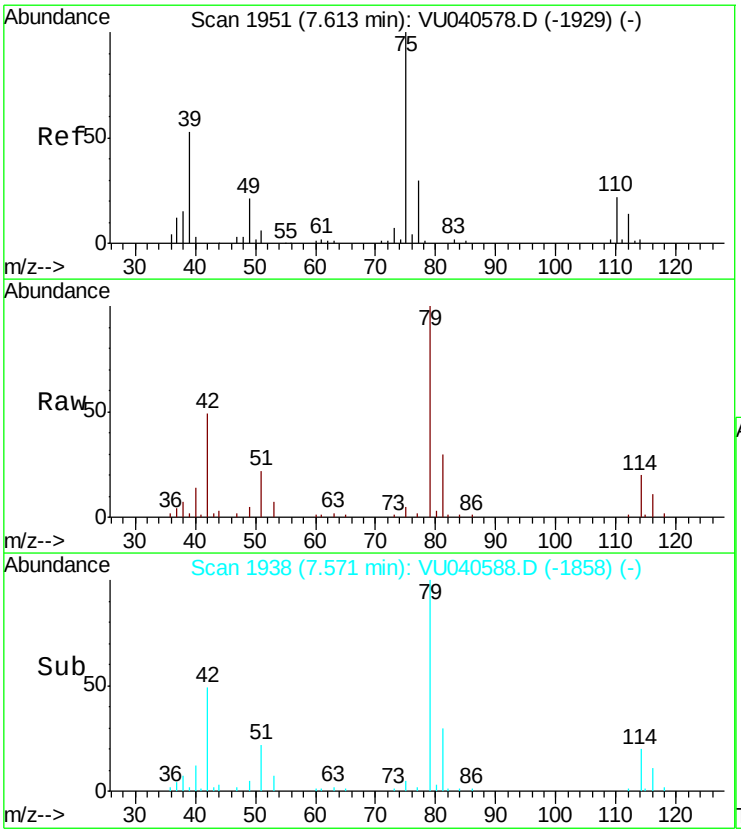

#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040588.D
Acq: 09 Oct 2020 16:52

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 63 Resp: 7433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.5 | 5.3# |

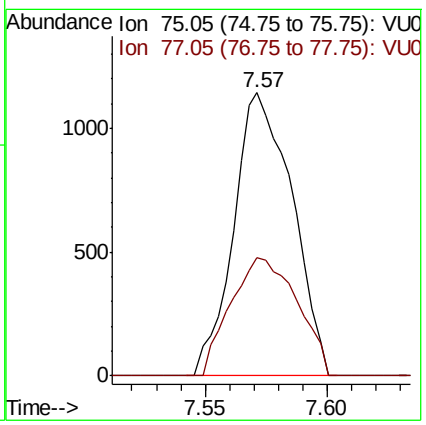


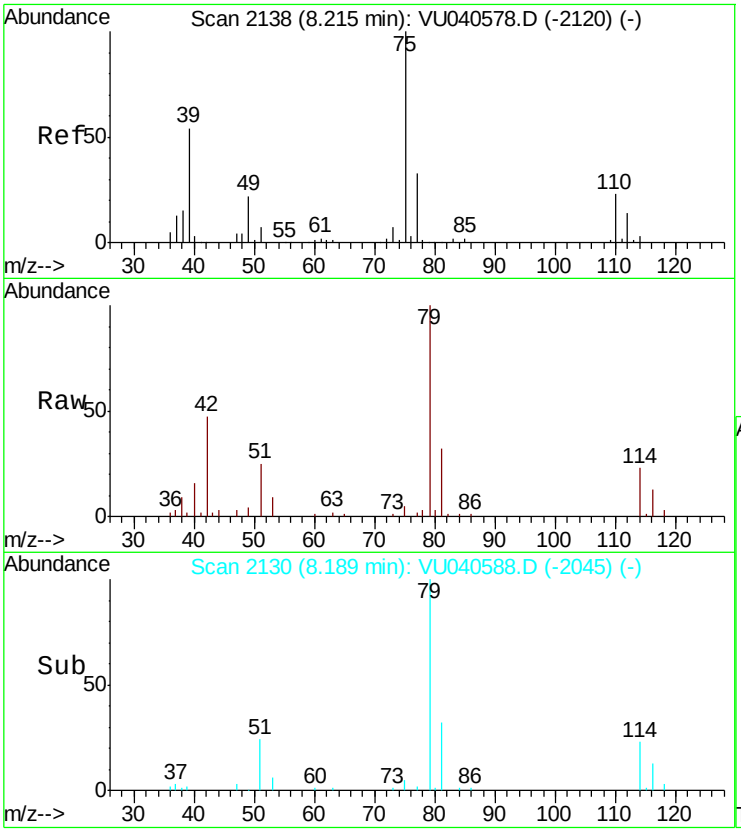




#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040588.D
Acq: 09 Oct 2020 16:52

Tgt Ion: 75 Resp: 1900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 41.9 | 20.5 | 38.1# |



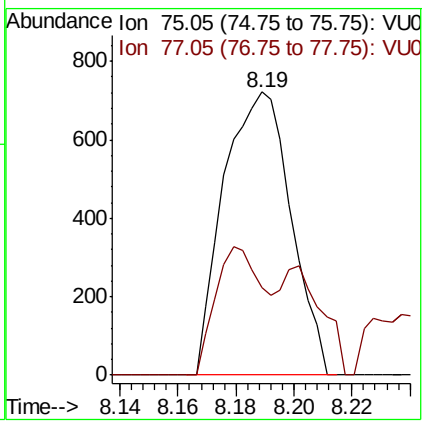


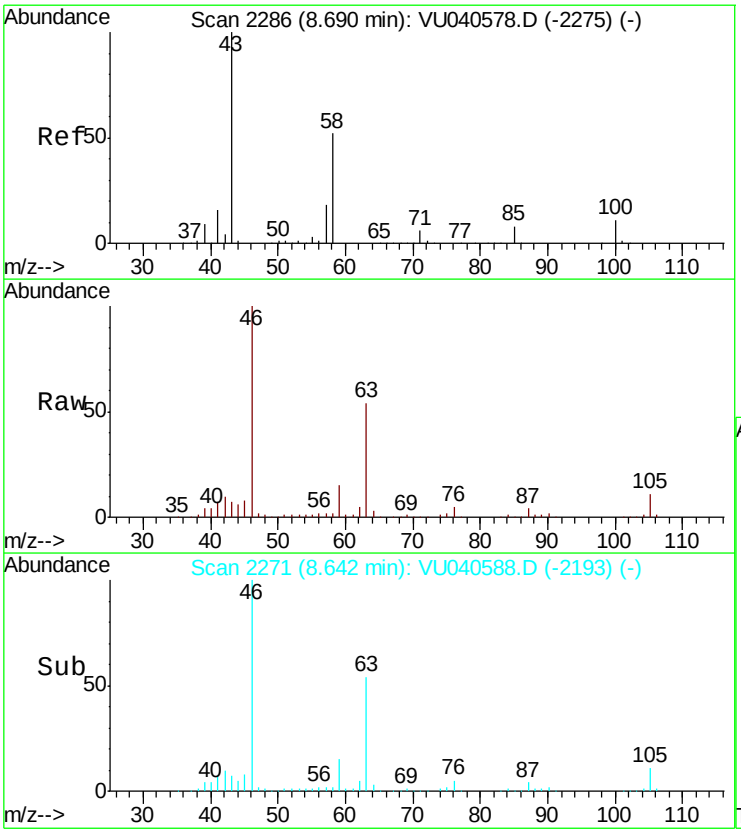

#44
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040588.D
Acq: 09 Oct 2020 16:52

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 75 Resp: 1159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 20.4 | 38.0 |

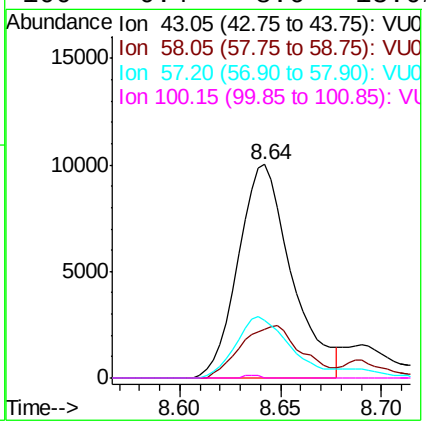


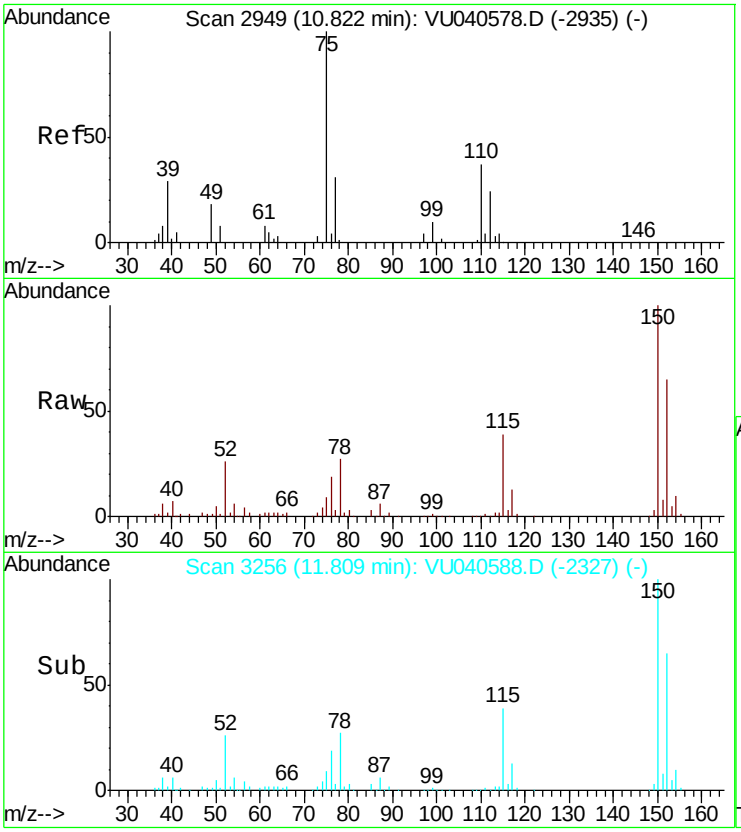




#48
2-Hexanone
Concen: 2.283 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040588.D
Acq: 09 Oct 2020 16:52

Tgt Ion: 43 Resp: 18541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.0 | 41.0 | 61.6# |
| 57 | 30.3 | 14.4 | 21.6# |
| 100 | 0.4 | 8.6 | 13.0# |






#59
1,2,3-Trichloropropane
Concen: 0.918 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040588.D
Acq: 09 Oct 2020 16:52

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 75 Resp: 9225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.5 | 26.4 | 39.6 |