Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110220\
Data File : VU041057.D
Acq On : 02 Nov 2020 18:05
Operator : SY/MD
Sample : L4584-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFSE9

Quant Time: Nov 03 00:49:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 48639 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 49734 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 21103 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 19853 | 4.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 97.20% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 15137 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 96.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 29416 | 3.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 73.40% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 77099 | 57.30 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 114.60% | | | |
| 24) Chloroform-d | 5.08 | 84 | 36455 | 5.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 24115 | 5.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.60% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 67101 | 5.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 23000 | 5.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 106.20% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 56064 | 4.65 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.00% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 9138 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 97.40% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 52423 | 51.87 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 103.74% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 20651 | 5.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 102.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 20845 | 5.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 112.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.53 | 50 | 9809 | 2.118 | ug/L | 96 |
| 8) Chloroethane | 1.94 | 64 | 277 | 0.096 | ug/L # | 43 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.59 | 101 | 193 | 0.053 | ug/L # | 22 |
| 13) Acetone | 2.66 | 43 | 3997 | 4.345 | ug/L | 80 |
| 25) Chloroform | 5.11 | 83 | 401 | 0.057 | ug/L | 79 |
| 27) 1,2-Dichloroethane | 5.75 | 62 | 380 | 0.073 | ug/L # | 74 |
| 33) Benzene | 5.75 | 78 | 467 | 0.031 | ug/L | 100 |
| 35) Methylcyclohexane | 6.71 | 83 | 5101 | 0.904 | ug/L # | 13 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 2769 | 0.689 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.57 | 75 | 716 | 0.129 | ug/L # | 75 |
| 44) trans-1,3-Dichloropropene | 8.18 | 75 | 378 | 0.073 | ug/L # | 77 |
| 48) 2-Hexanone | 8.64 | 43 | 7829 | 3.243 | ug/L # | 72 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 2929 | 0.977 | ug/L | 97 |

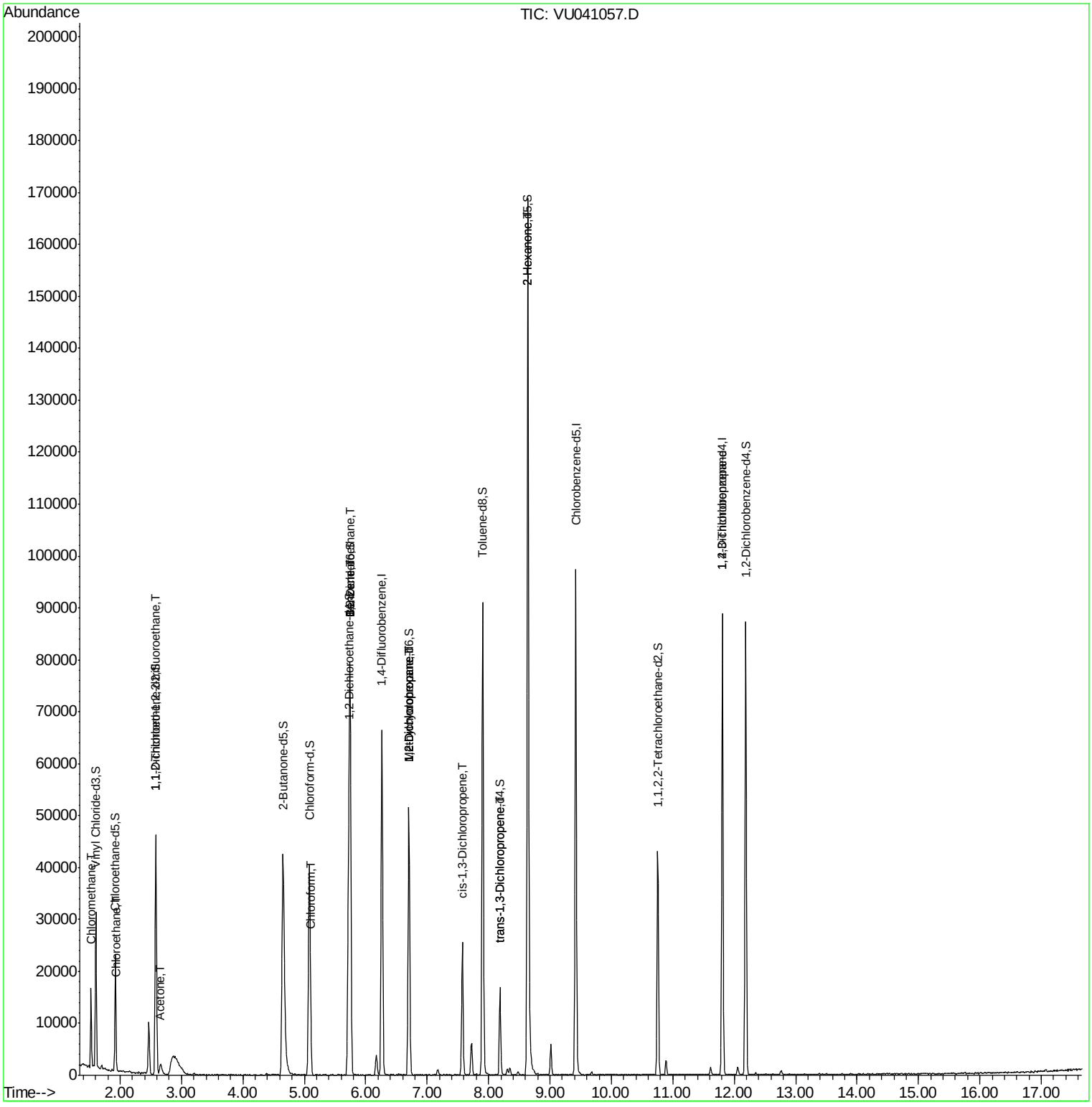
(#) = qualifier out of range (m) = manual integration (+) = signals summed

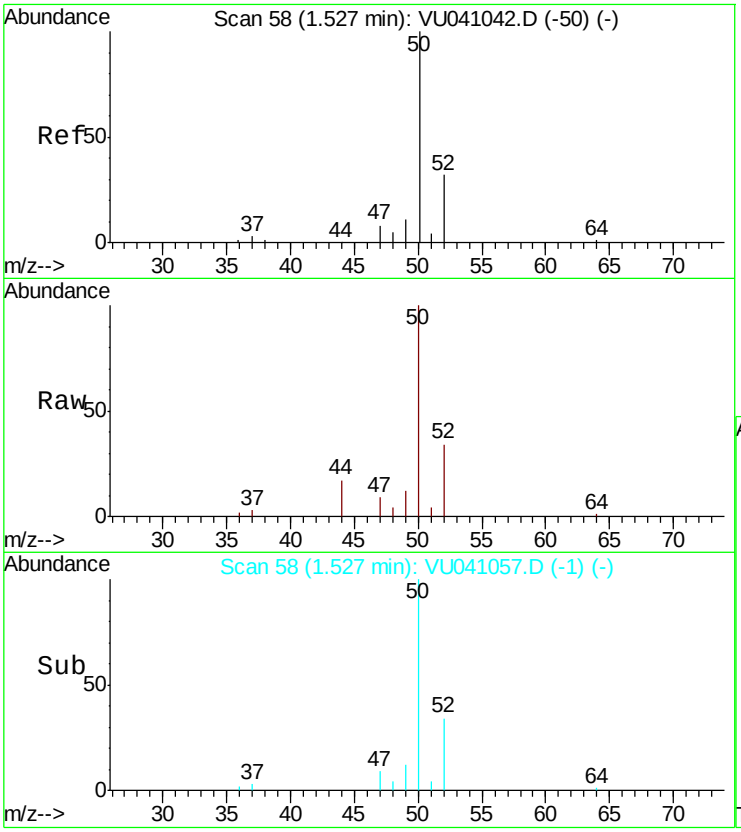
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110220\
Data File : VU041057.D
Acq On : 02 Nov 2020 18:05
Operator : SY/MD
Sample : L4584-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFSE9

Quant Time: Nov 03 00:49:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration



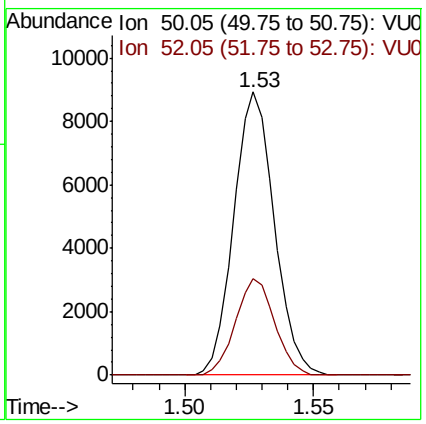


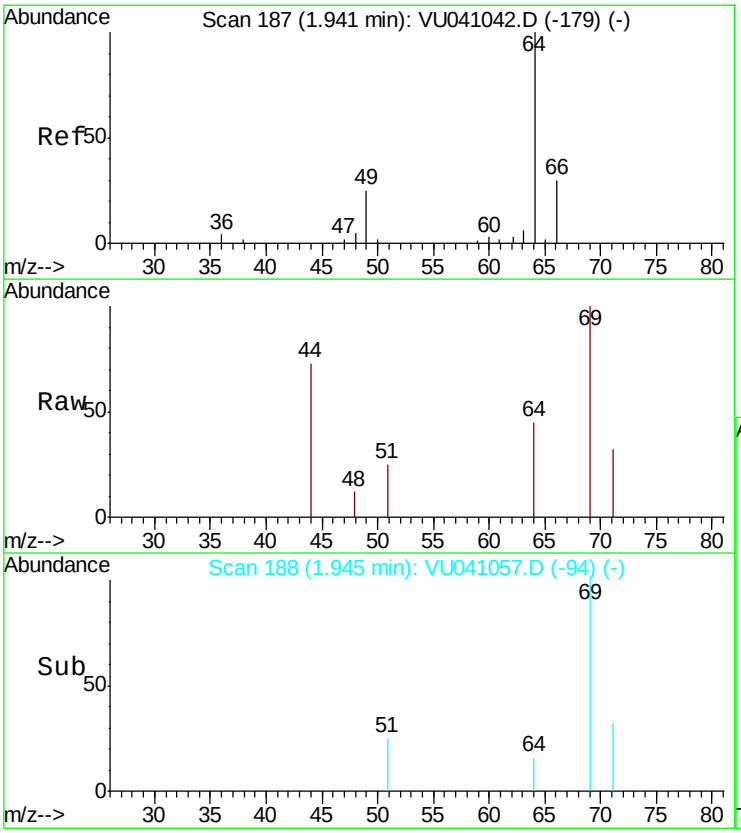

#3
Chloromethane
Concen: 2.118 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFSE9

Tgt Ion: 50 Resp: 9809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 34.2 | 22.4 | 41.6 |

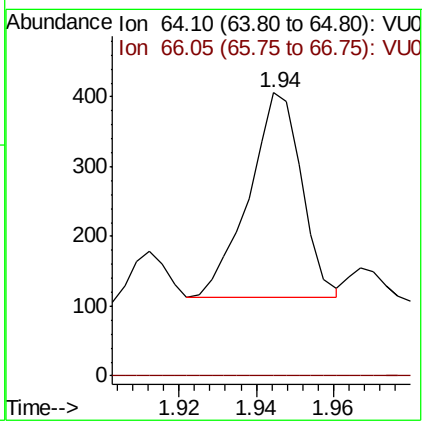


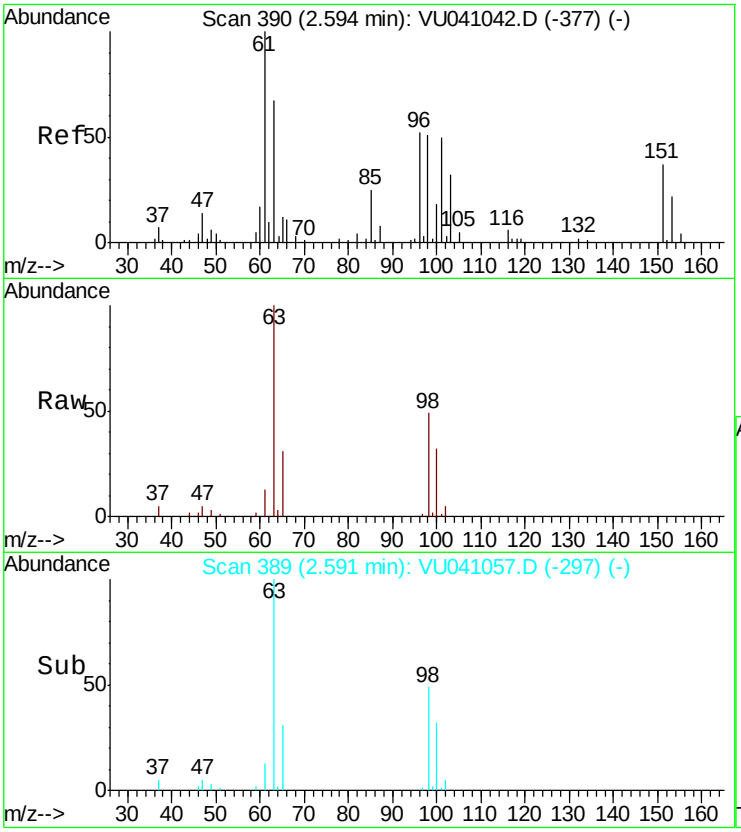




#8
Chloroethane
Concen: 0.096 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

Tgt Ion: 64 Resp: 277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 22.3 | 41.5# |



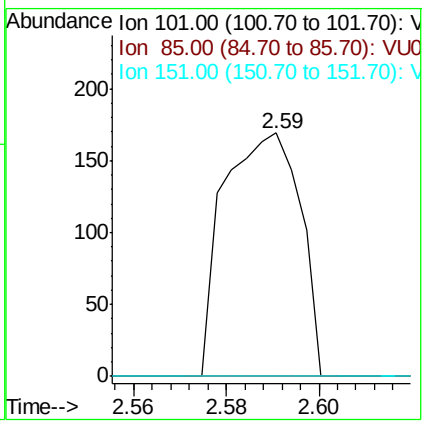


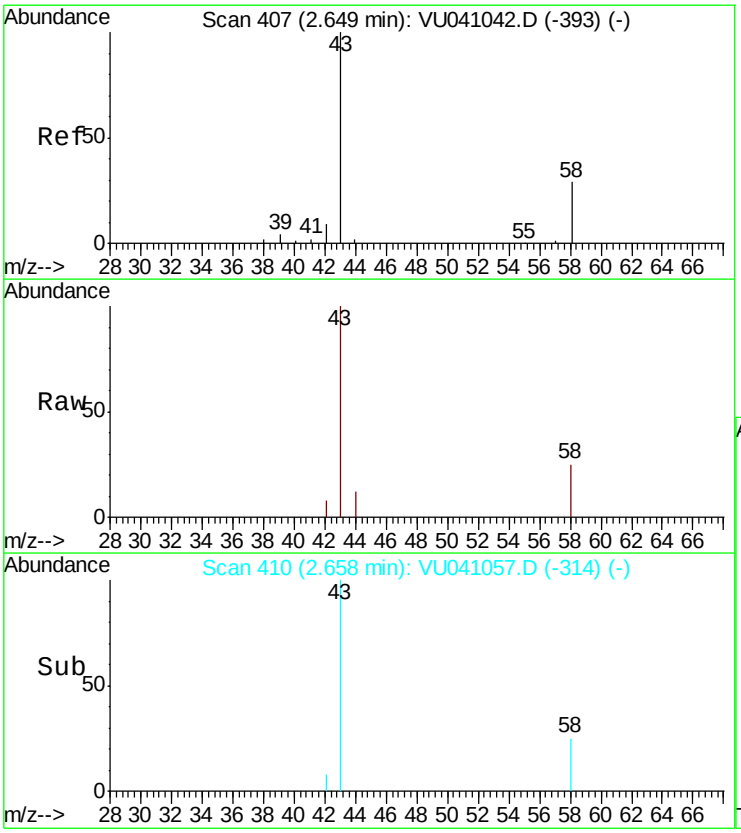

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

**Instrument :** MSVOA_U
**ClientSampleId :** BFSE9

Tgt Ion:101 Resp: 193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 35.0 | 52.4# |
| 151 | 0.0 | 55.3 | 82.9# |

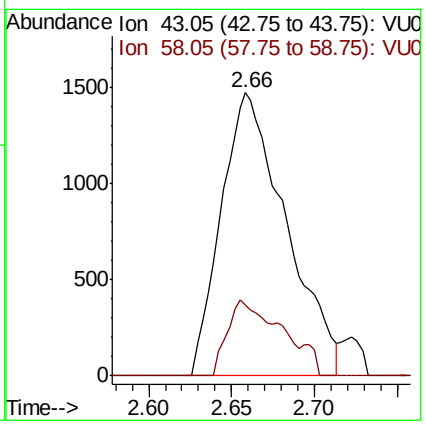


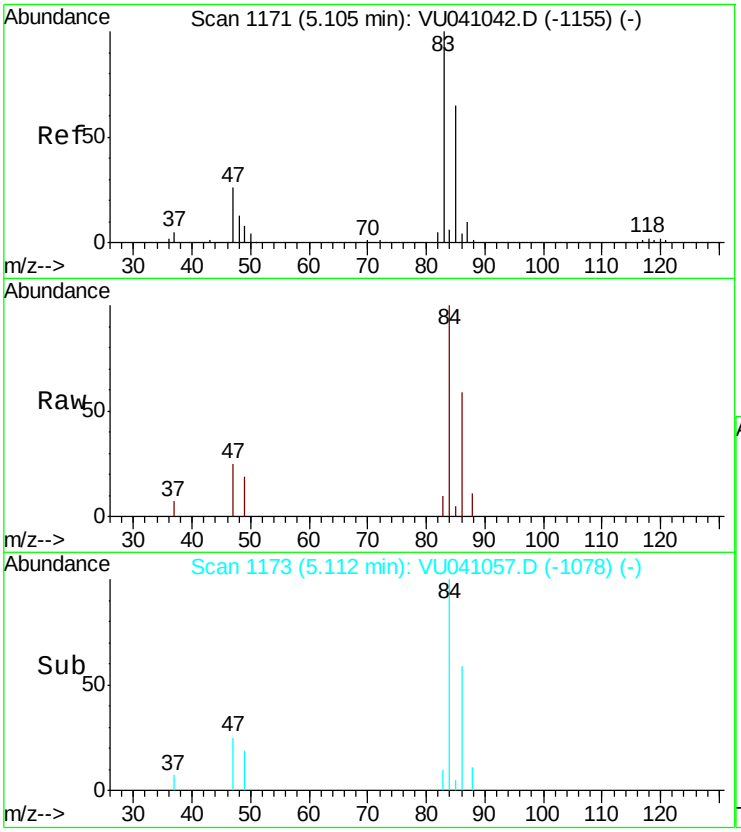




#13
Acetone
Concen: 4.345 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.01 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

Tgt Ion: 43 Resp: 3997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 20.5 | 0.0 | 25.4 |



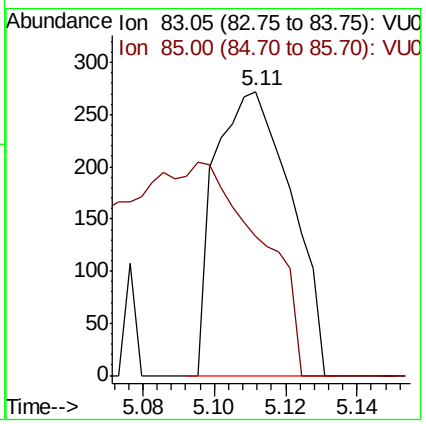


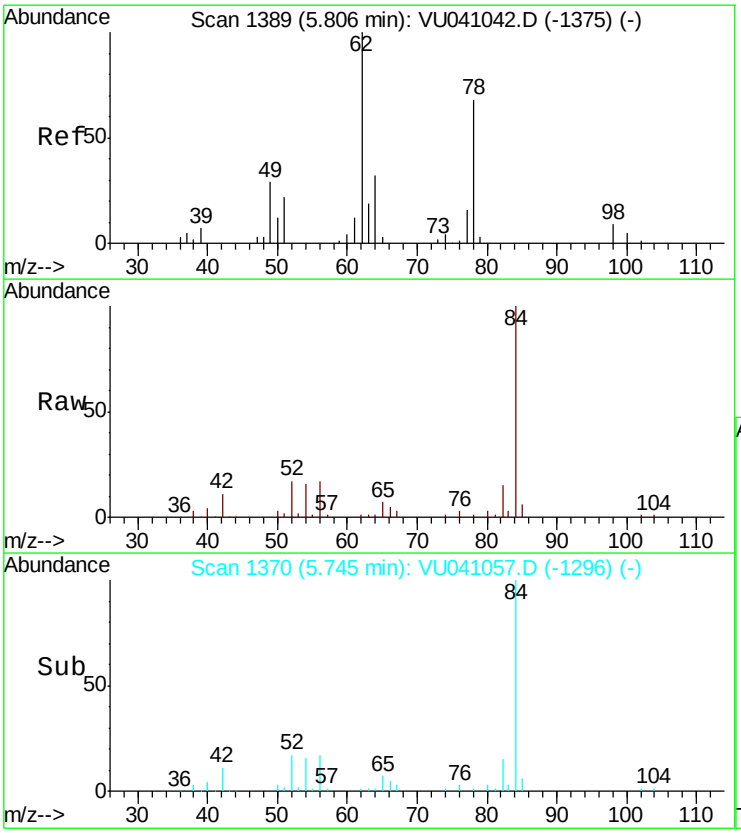

#25
Chloroform
Concen: 0.057 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFSE9

Tgt Ion: 83 Resp: 401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 48.9 | 46.1 | 85.7 |

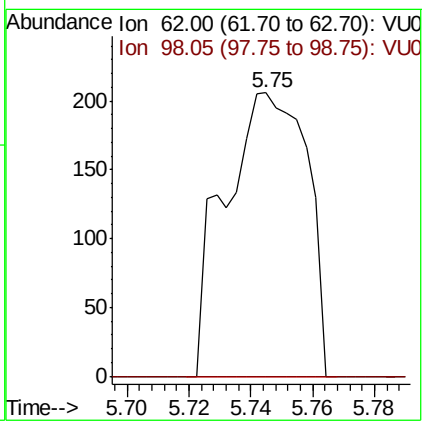


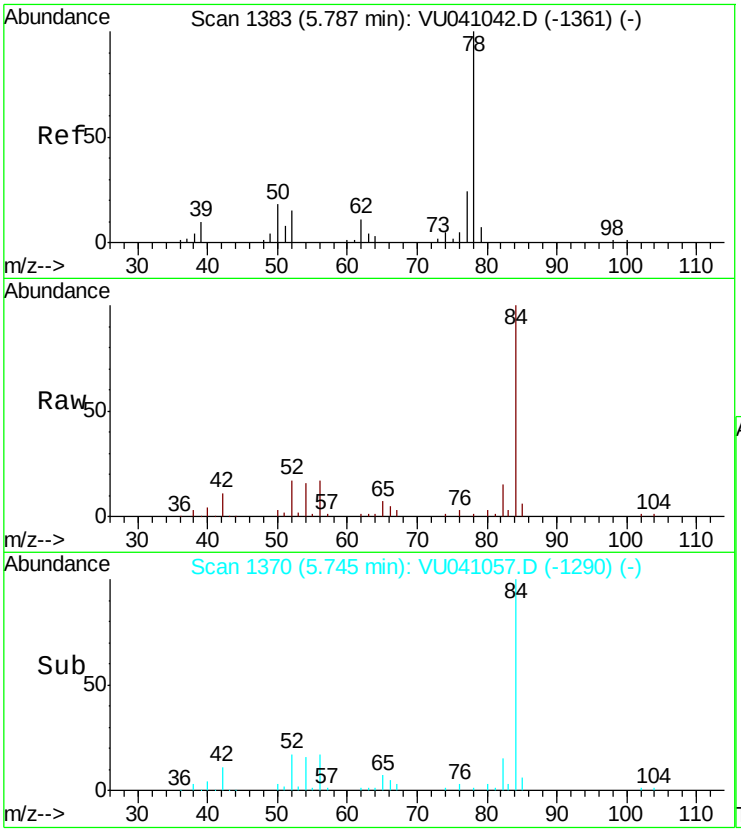




#27
1,2-Dichloroethane
Concen: 0.073 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

Tgt Ion: 62 Resp: 380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 7.6 | 11.4# |

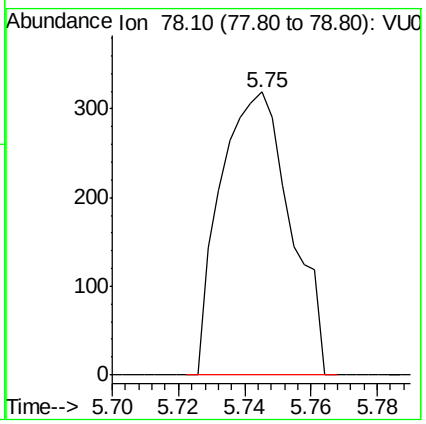


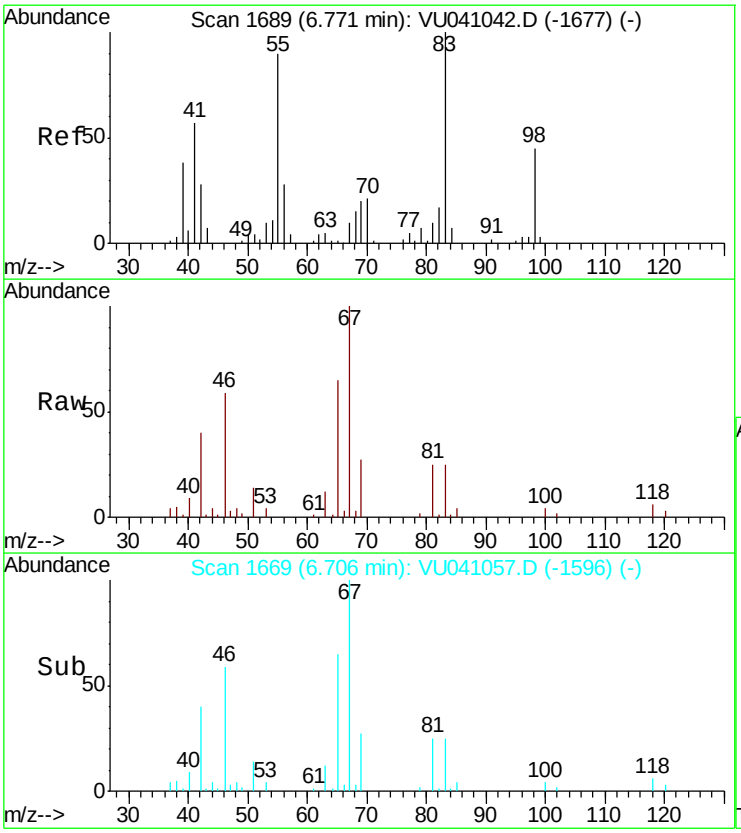



#33
Benzene
Concen: 0.031 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFSE9

Tgt Ion: 78 Resp: 467

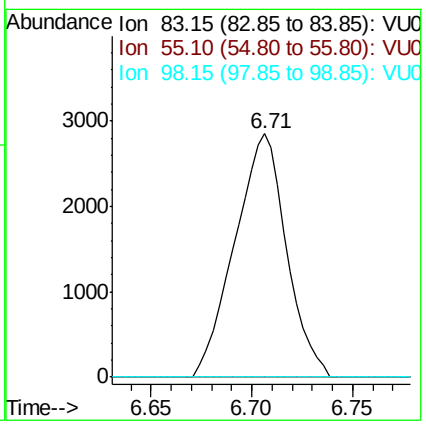


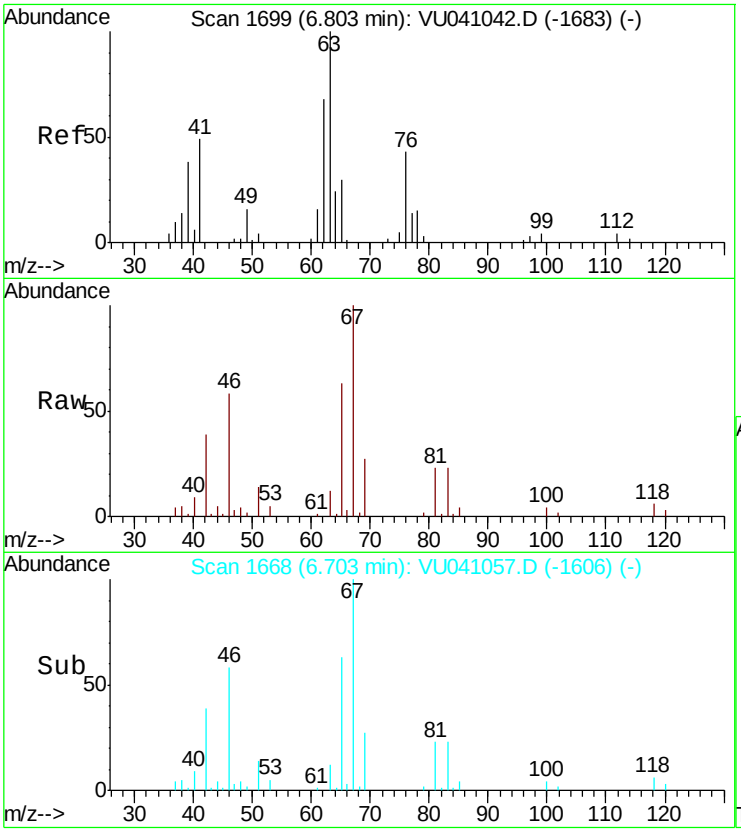




#35
Methylcyclohexane
Concen: 0.904 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

Tgt Ion: 83 Resp: 5101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 72.0 | 108.0# |
| 98 | 0.0 | 36.6 | 55.0# |



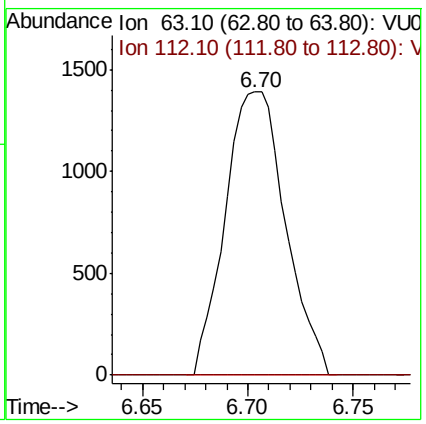


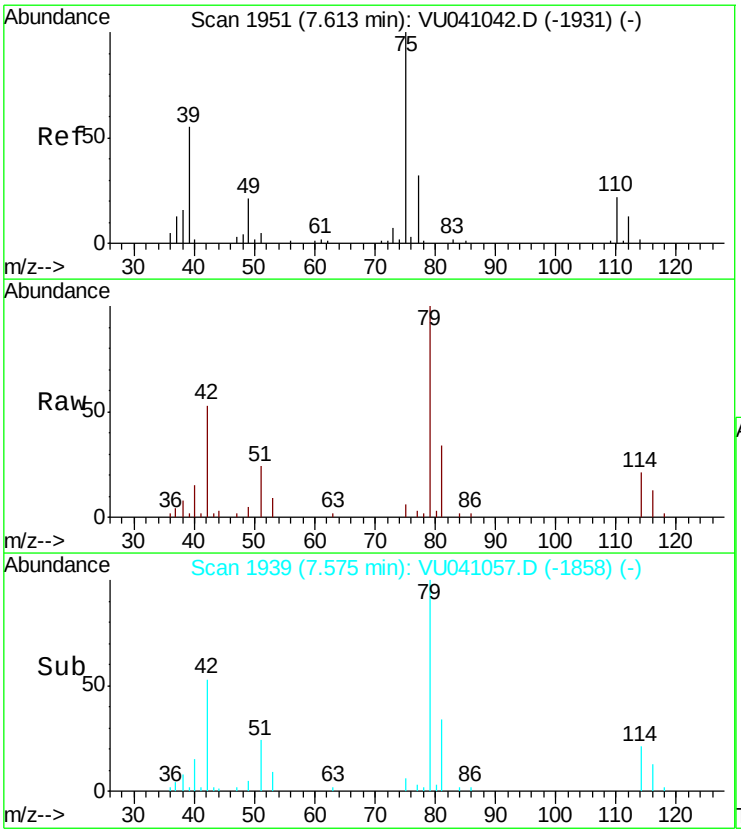

#37
1,2-Dichloropropane
Concen: 0.689 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFSE9

Tgt Ion: 63 Resp: 2769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.6 | 5.4# |

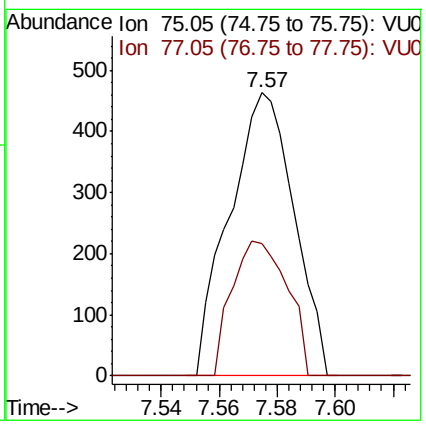


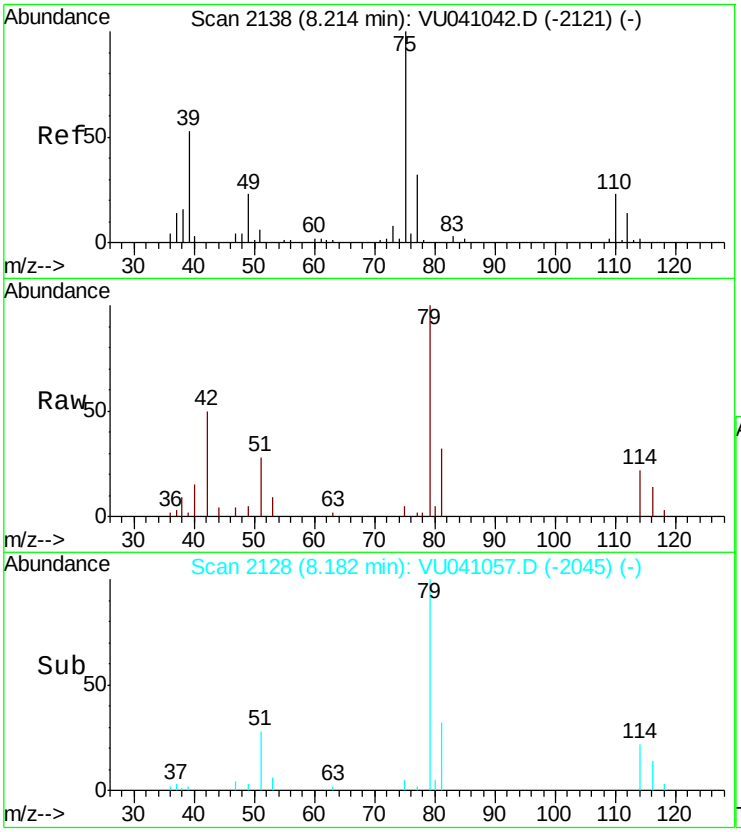




#39
cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

Tgt Ion: 75 Resp: 716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.7 | 22.7 | 42.3# |



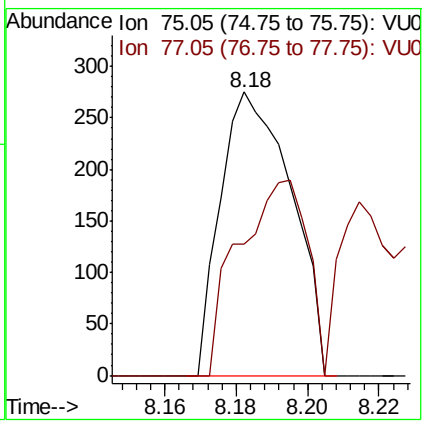


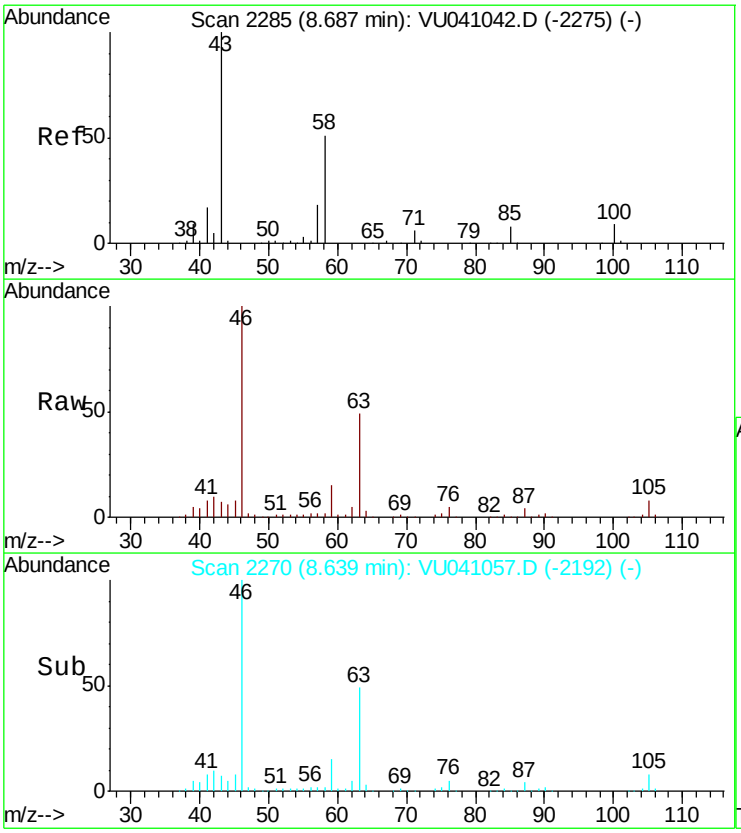

#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFSE9

Tgt Ion: 75 Resp: 378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.2 | 23.3 | 43.3# |

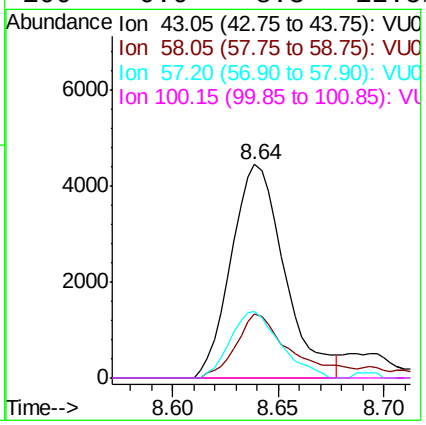


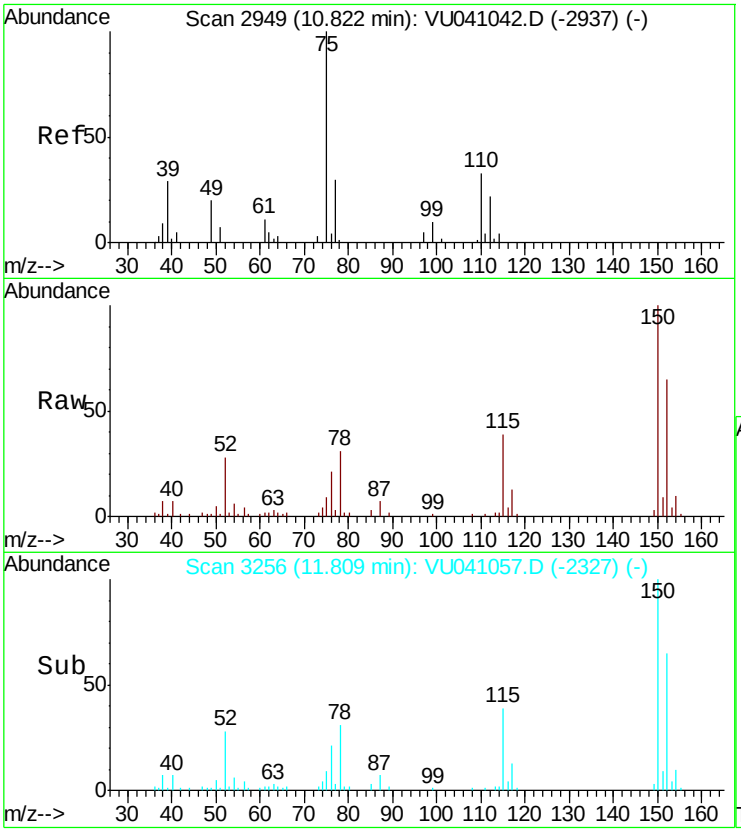




#48
2-Hexanone
Concen: 3.243 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

Tgt Ion: 43 Resp: 7829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.1 | 41.4 | 62.2# |
| 57 | 29.2 | 14.6 | 21.8# |
| 100 | 0.0 | 8.3 | 12.5# |






#59
1,2,3-Trichloropropane
Concen: 0.977 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041057.D
Acq: 02 Nov 2020 18:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFSE9

Tgt Ion: 75 Resp: 2929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.5 | 25.7 | 38.5 |