Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040065.D
Acq On : 09 Sep 2020 14:58
Operator : SY/MD
Sample : VU0909WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Quant Time: Sep 10 04:12:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 04:09:54 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Fluorobenzene | 6.13 | 96 | 28109 | 1.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 57) 4-Bromofluorobenzene | 10.63 | 95 | 9245 | 0.81 | ug/l | 0.00 |
| Spiked Amount 1.000 | | | Recovery = 81.00% | | | |
| 68) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 8931 | 0.85 | ug/l | 0.00 |
| Spiked Amount 1.000 | | | Recovery = 85.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.52 | 50 | 108 | 0.013 | ug/l # | 42 |
| 6) Chloroethane | 1.93 | 64 | 20 | 0.004 | ug/l # | 41 |
| 9) 1,1-Dichloroethene | 2.38 | 96 | 21 | 0.003 | ug/l | 1 |
| 11) Allyl Chloride | 2.94 | 41 | 222 | 0.018 | ug/l # | 29 |
| 12) Acrylonitrile | 3.35 | 53 | 124 | 0.059 | ug/l # | 81 |
| 13) Acetone | 2.65 | 43 | 413 | 0.213 | ug/l # | 49 |
| 14) Carbon Disulfide | 2.80 | 76 | 271 | 0.016 | ug/l | 98 |
| 15) Methylene Chloride | 3.05 | 84 | 1737 | Below Cal | | 95 |
| 18) 2-Butanone | 4.75 | 43 | 214 | 0.072 | ug/l | 78 |
| 21) 2,2-Dichloropropane | 4.67 | 77 | 89 | 0.007 | ug/l # | 56 |
| 24) tert-Butyl Alcohol | 3.21 | 59 | 252 | 0.325 | ug/l # | 70 |
| 25) Methyl tert-Butyl Ether | 3.39 | 73 | 46 | 0.002 | ug/l # | 1 |
| 27) Chloroform | 5.11 | 83 | 259 | 0.018 | ug/l | 92 |
| 29) 1,1-Dichloropropene | 5.36 | 75 | 174 | 0.016 | ug/l # | 48 |
| 31) Isopropyl Ether | 4.00 | 45 | 92 | 0.004 | ug/l # | 42 |
| 32) Ethyl-t-butyl ether | 4.71 | 59 | 282 | 0.013 | ug/l # | 37 |
| 33) Tert-Amyl methyl ether | 6.13 | 73 | 149 | 0.008 | ug/l # | 1 |
| 35) Benzene | 5.78 | 78 | 145 | 0.005 | ug/l # | 51 |
| 39) Methacrylonitrile | 4.98 | 41 | 126 | 0.031 | ug/l # | 47 |
| 40) Methyl acrylate | 4.91 | 55 | 40 | 0.008 | ug/l # | 1 |
| 41) Tetrahydrofuran | 5.09 | 42 | 222 | 0.115 | ug/l # | 35 |
| 45) 4-Methyl-2-Pentanone | 7.81 | 43 | 1550 | 0.227 | ug/l # | 78 |
| 46) t-1,4-Dichloro-2-butene | 10.63 | 75 | 5235 | 2.004 | ug/l # | 17 |
| 48) Ethyl methacrylate | 8.34 | 69 | 46 | 0.006 | ug/l | 74 |
| 50) t-1,3-Dichloropropene | 8.22 | 75 | 20 | 0.002 | ug/l # | 11 |
| 54) 2-Hexanone | 8.70 | 43 | 1089 | 0.220 | ug/l | 87 |
| 58) Tetrachloroethene | 8.55 | 164 | 122 | 0.017 | ug/l # | 1 |
| 59) Chlorobenzene | 9.45 | 112 | 192 | 0.010 | ug/l # | 44 |
| 63) Ethyl Benzene | 9.70 | 91 | 146 | 0.004 | ug/l # | 45 |
| 64) m/p-Xylenes | 9.69 | 106 | 50 | 0.004 | ug/l # | 51 |
| 66) Styrene | 10.11 | 104 | 229 | 0.011 | ug/l # | 31 |
| 69) Isopropylbenzene | 10.48 | 105 | 323 | 0.009 | ug/l # | 50 |
| 71) 1,2,3-Trichloropropane | 10.63 | 75 | 5235 | 0.785 | ug/l # | 35 |
| 73) n-propylbenzene | 11.07 | 120 | 19 | 0.002 | ug/l | 87 |
| 75) 1,3,5-Trimethylbenzene | 11.08 | 105 | 142 | 0.005 | ug/l | 91 |
| 78) 1,2,4-Trimethylbenzene | 11.47 | 105 | 389 | 0.012 | ug/l # | 49 |
| 79) sec-Butylbenzene | 11.64 | 105 | 249 | 0.006 | ug/l # | 58 |
| 80) Nitrobenzene | 13.21 | 77 | 45 | 0.131 | ug/l # | 45 |
| 81) p-Isopropyltoluene | 11.79 | 119 | 142 | 0.004 | ug/l # | 48 |
| 82) 1,3-Dichlorobenzene | 11.74 | 146 | 250 | 0.014 | ug/l # | 34 |
| 83) 1,4-Dichlorobenzene | 11.83 | 146 | 328 | 0.019 | ug/l # | 64 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040065.D
Acq On : 09 Sep 2020 14:58
Operator : SY/MD
Sample : VU0909WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Quant Time: Sep 10 04:12:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 04:09:54 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 84) n-Butylbenzene | 12.20 | 91 | 748 | 0.023 | ug/l | # | 69 |
| 85) 1,2-Dichlorobenzene | 12.21 | 146 | 401 | 0.024 | ug/l | # | 58 |
| 87) 1,2,4-Trichlorobenzene | 13.83 | 180 | 643 | 0.066 | ug/l | | 92 |
| 88) Hexachlorobutadiene | 14.01 | 225 | 43 | 0.009 | ug/l | # | 18 |
| 89) Naphthalene | 14.08 | 128 | 2055 | 0.633 | ug/l | # | 93 |
| 90) 1,2,3-Trichlorobenzene | 14.32 | 180 | 617 | 0.068 | ug/l | # | 83 |

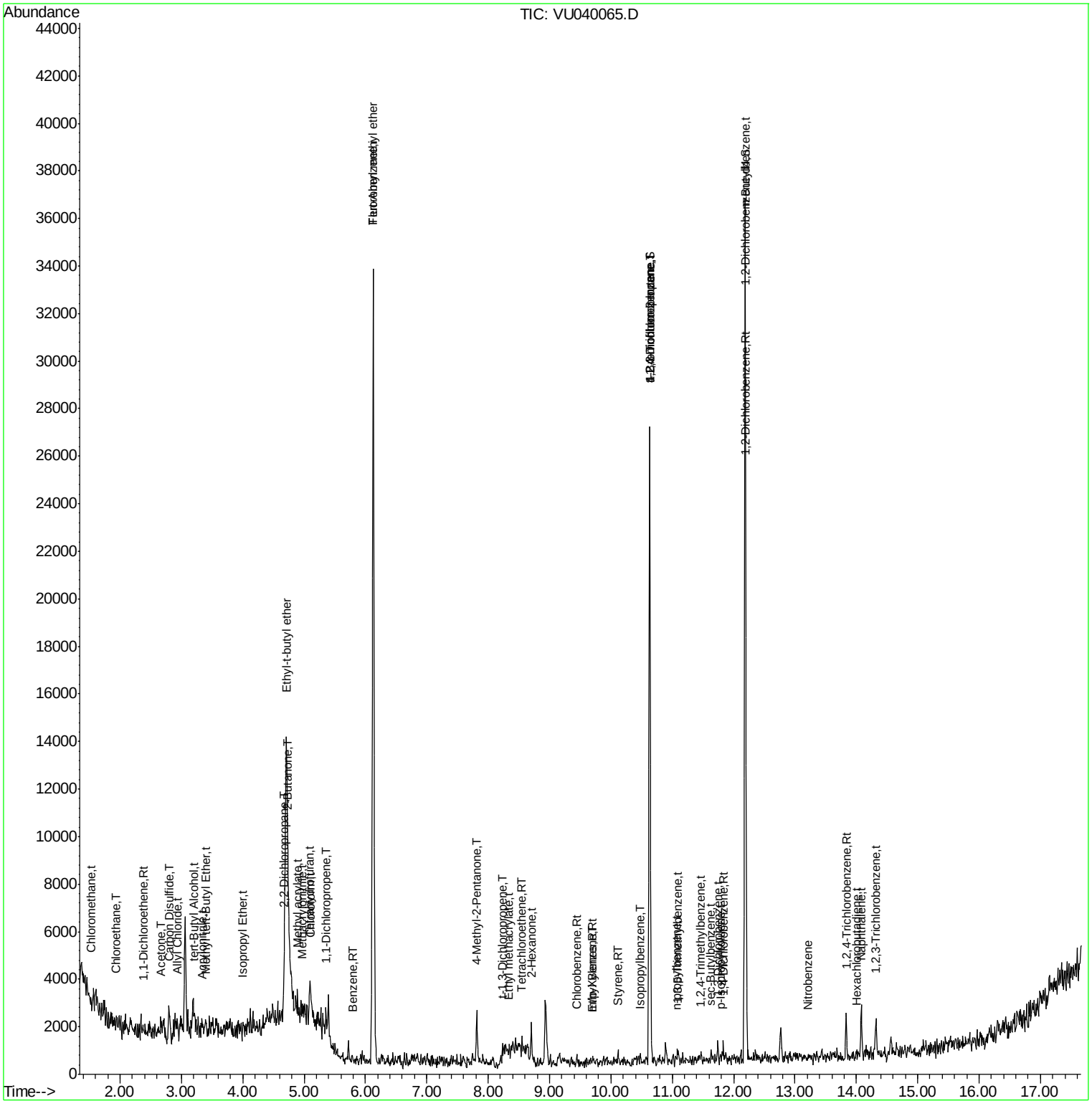
(#) = qualifier out of range (m) = manual integration (+) = signals summed

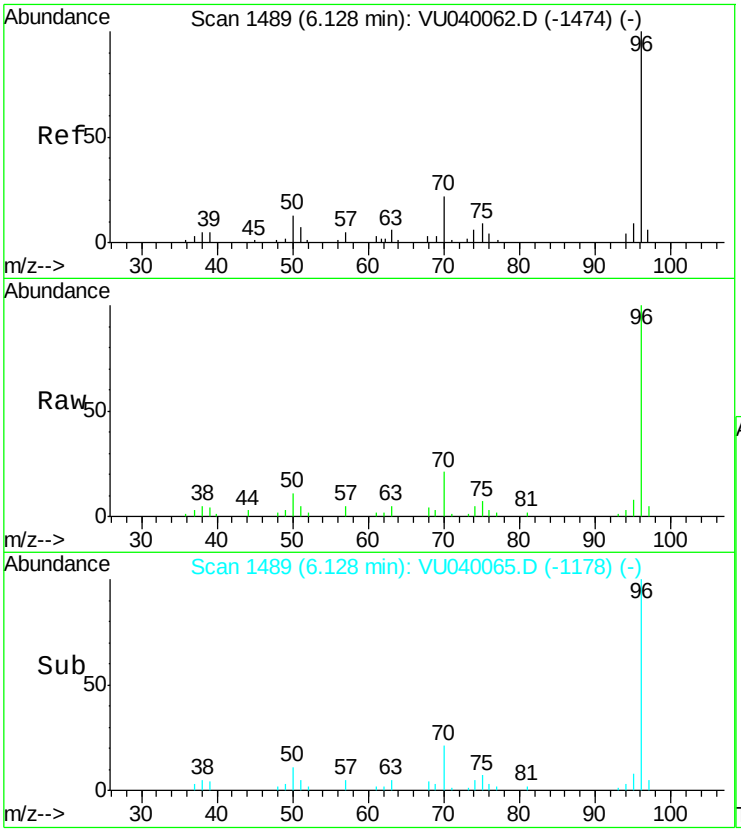
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090920\
Data File : VU040065.D
Acq On : 09 Sep 2020 14:58
Operator : SY/MD
Sample : VU0909WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Quant Time: Sep 10 04:12:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U090920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 10 04:09:54 2020
Response via : Initial Calibration



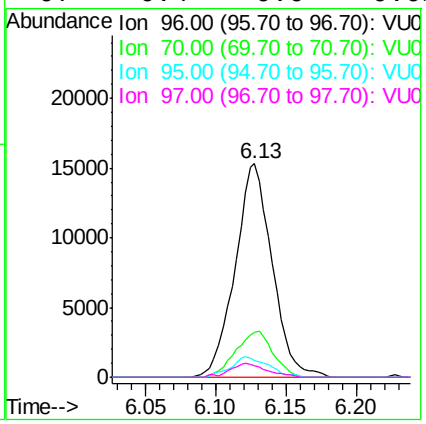


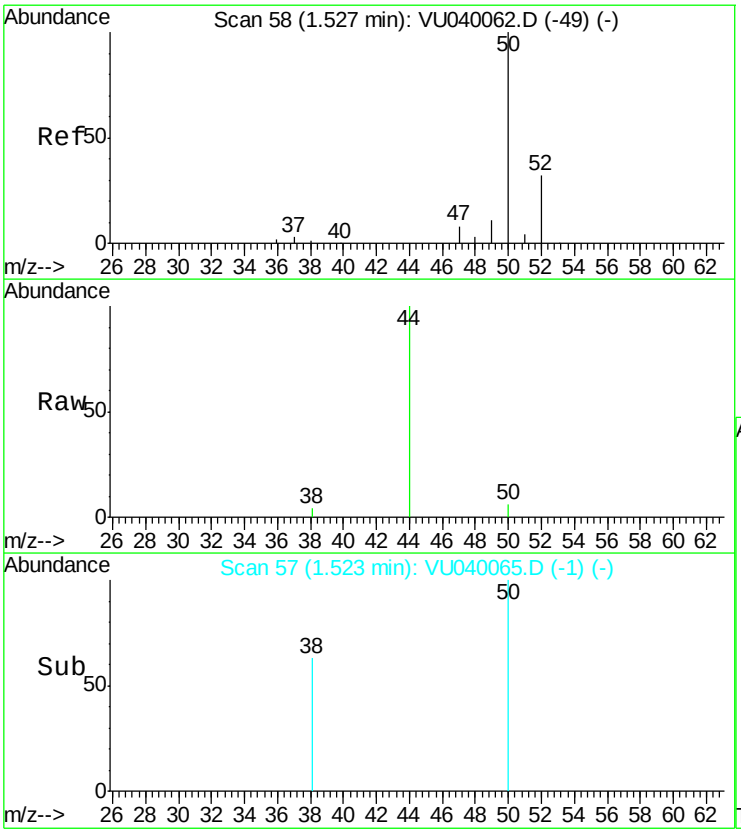

#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.13 min Scan# 1489
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Tgt Ion: 96 Resp: 28109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 70 | 21.6 | 17.1 | 25.7 |
| 95 | 9.6 | 7.6 | 11.4 |
| 97 | 6.4 | 0.0 | 0.0# |

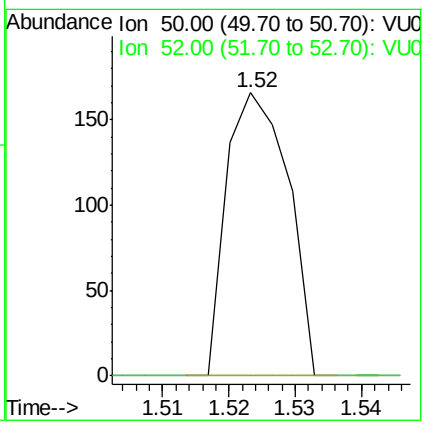


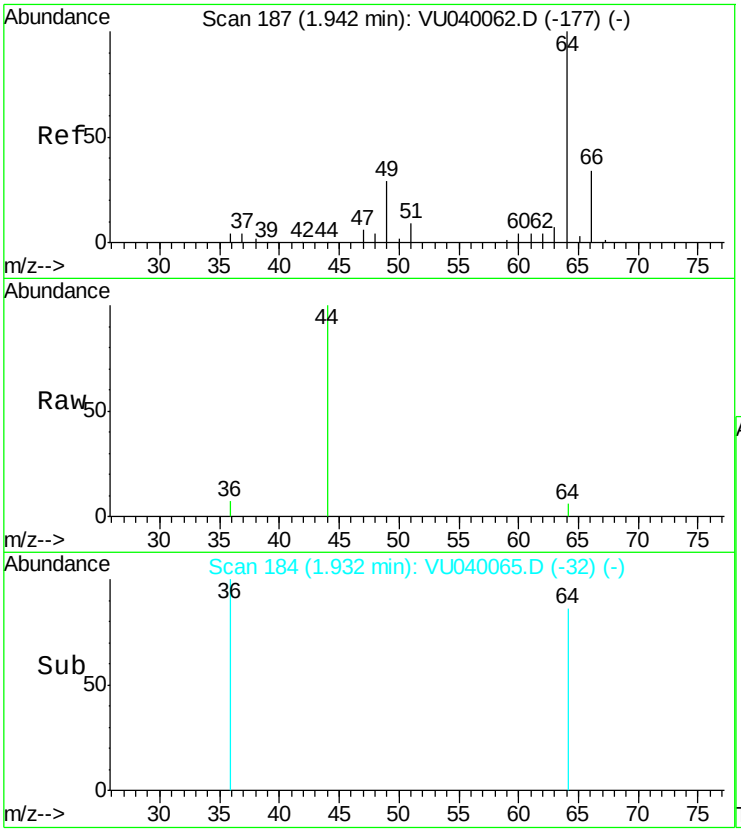




#3
Chloromethane
Concen: 0.013 ug/l
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 50 Resp: 108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 0.0 | 25.9 | 38.9# |



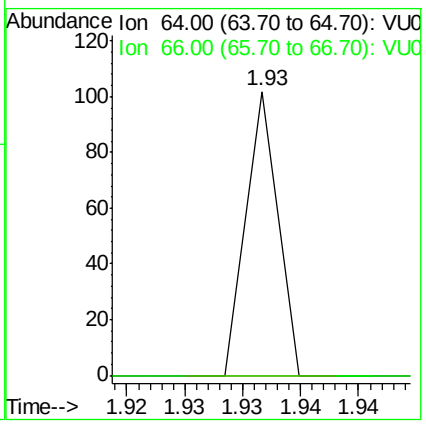


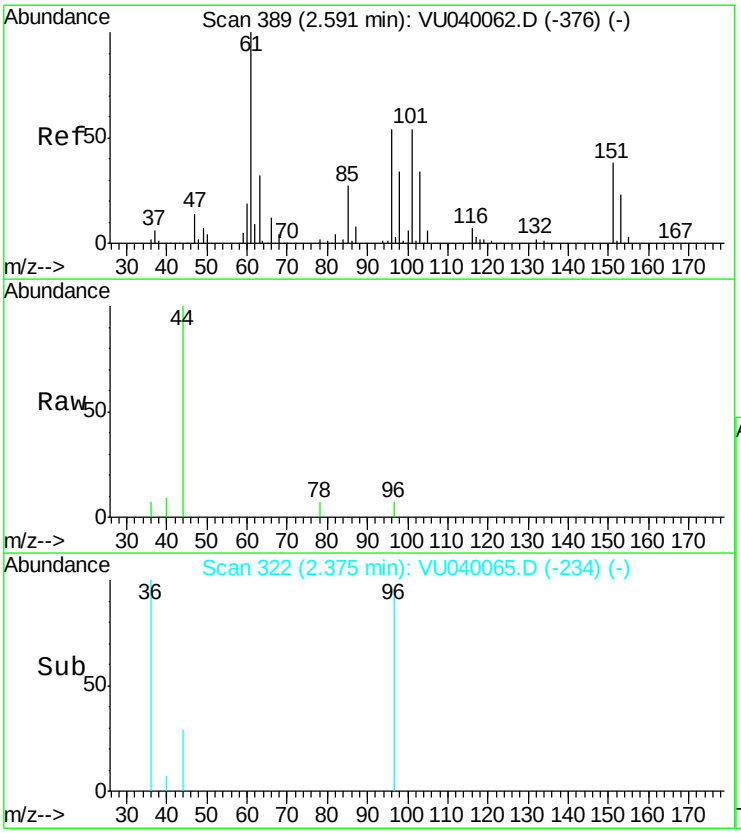

#6
Chloroethane
Concen: 0.004 ug/l
RT: 1.93 min Scan# 184
Delta R.T. -0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion: 64 Resp: 20

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 26.7 | 40.1# |

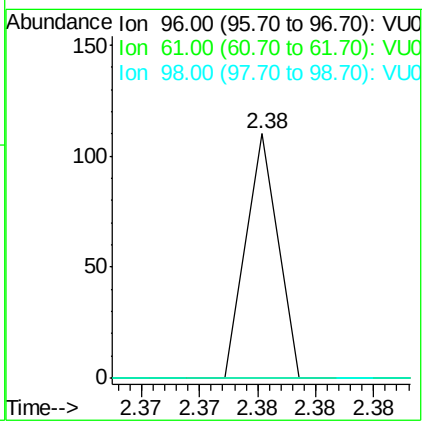


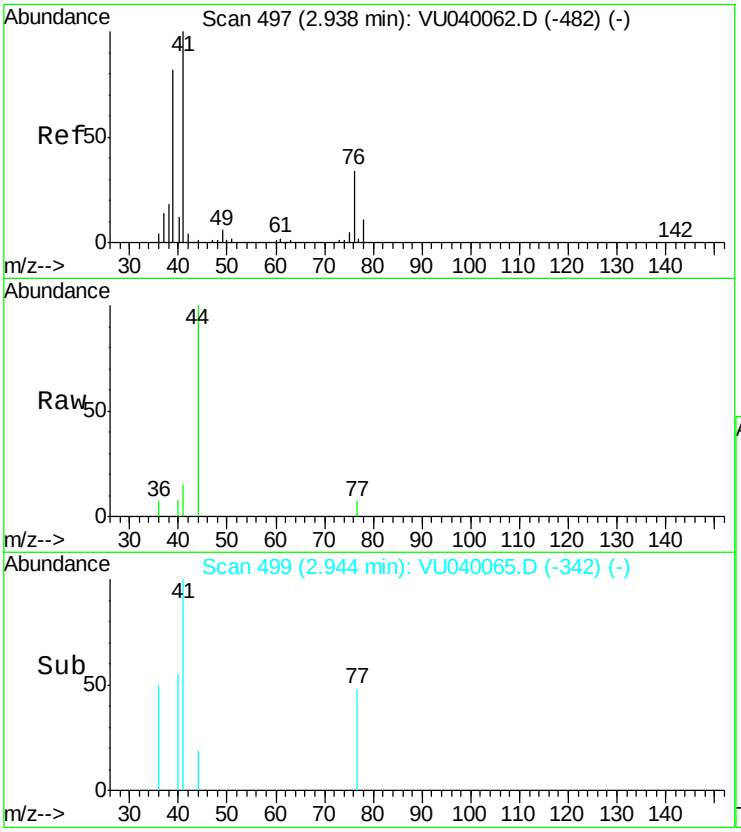




#9
1,1-Dichloroethene
Concen: 0.003 ug/l
RT: 2.38 min Scan# 322
Delta R.T. -0.22 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 96 Resp: 21

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 0.0 | 0.0 | 557.1 |
| 98 | 0.0 | 0.0 | 125.6 |



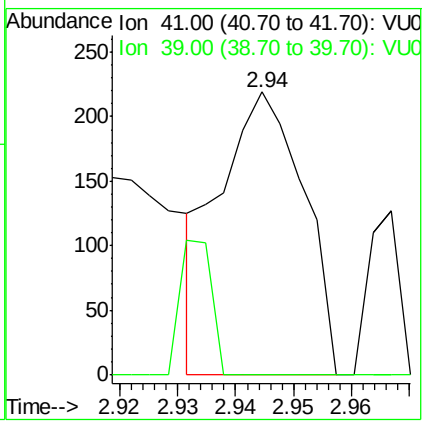


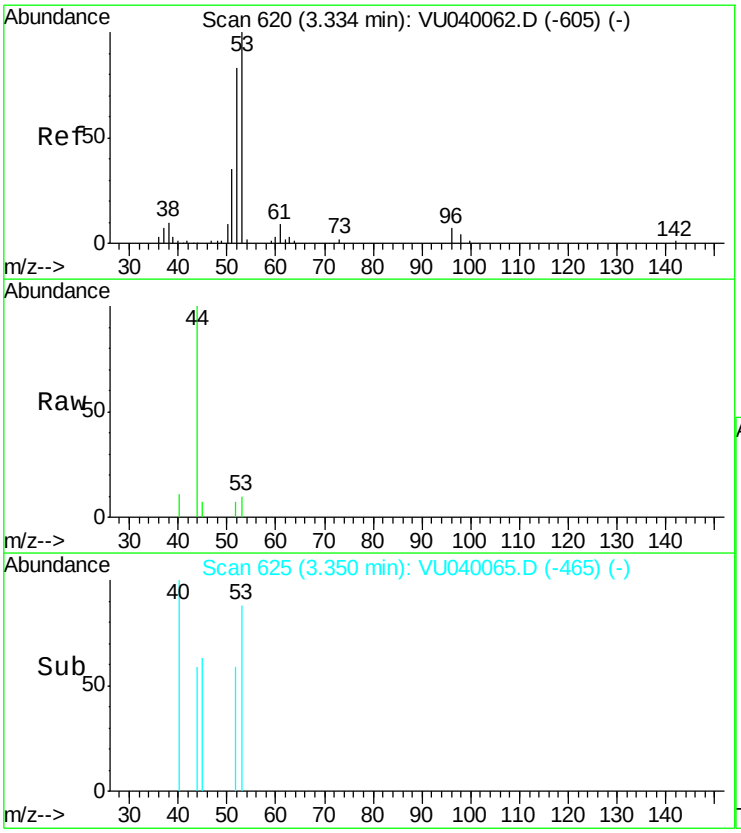

#11
Allyl Chloride
Concen: 0.018 ug/l
RT: 2.94 min Scan# 499
Delta R.T. 0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Tgt Ion: 41 Resp: 222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 18.0 | 64.6 | 96.8# |

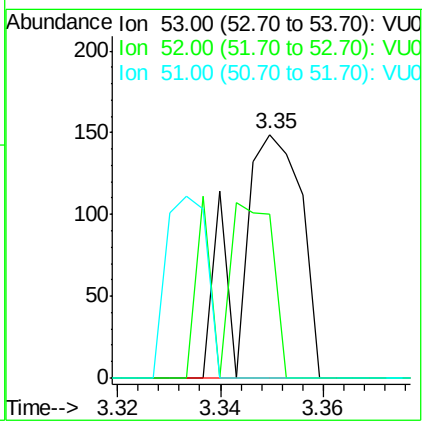


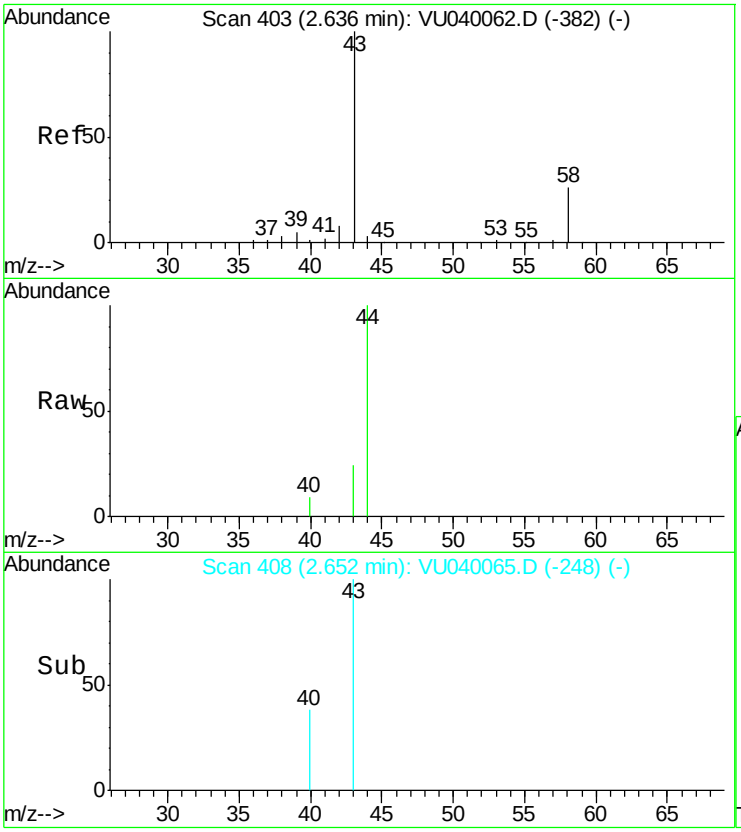




#12
Acrylonitrile
Concen: 0.059 ug/l
RT: 3.35 min Scan# 625
Delta R.T. 0.02 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 53 Resp: 124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 65.3 | 64.0 | 96.0 |
| 51 | 49.2 | 28.2 | 42.2# |



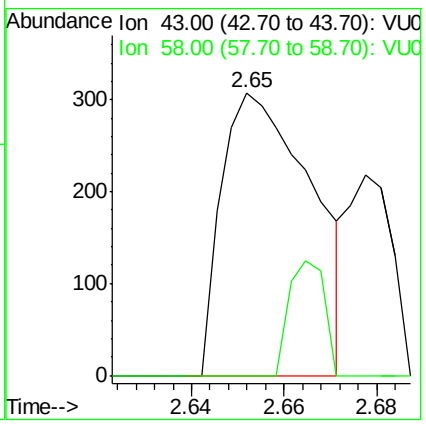


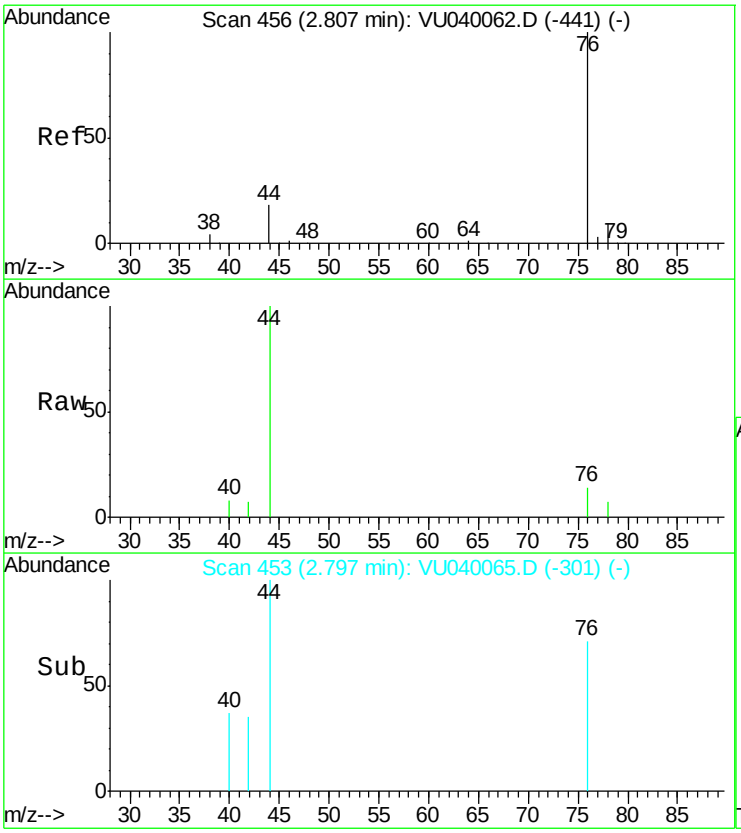

#13
Acetone
Concen: 0.213 ug/l
RT: 2.65 min Scan# 408
Delta R.T. 0.02 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion: 43 Resp: 413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 20.6 | 31.0# |

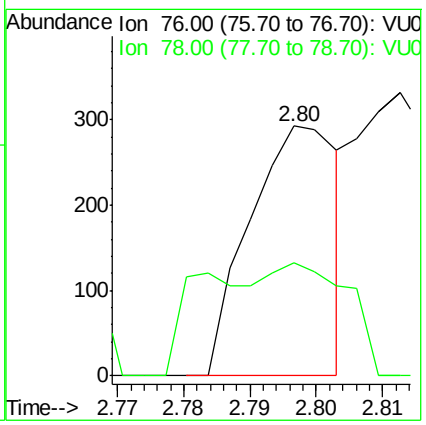


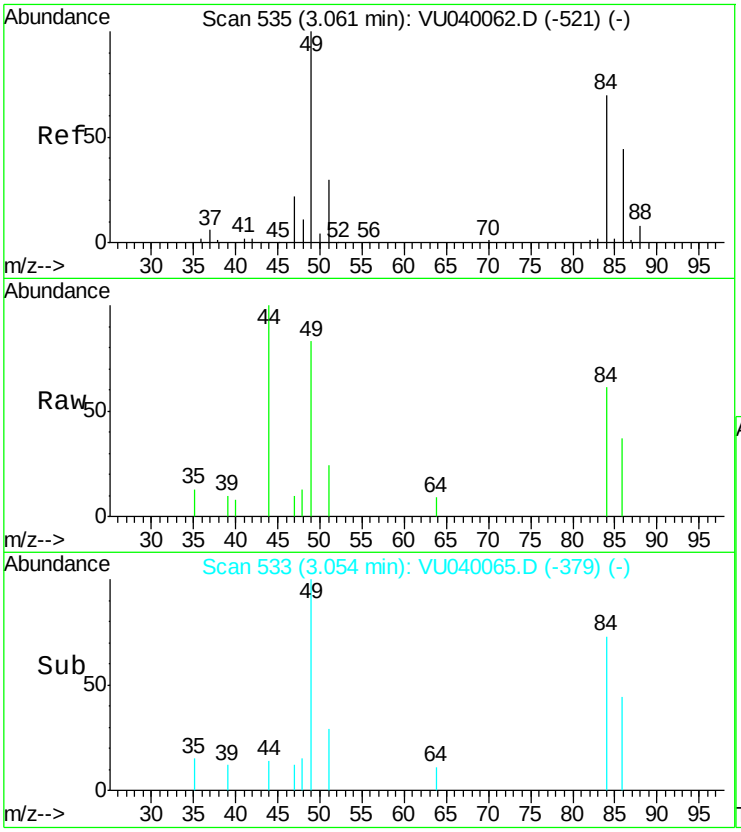




#14
Carbon Disulfide
Concen: 0.016 ug/l
RT: 2.80 min Scan# 453
Delta R.T. -0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 76 Resp: 271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.6 | 7.2 | 10.8 |



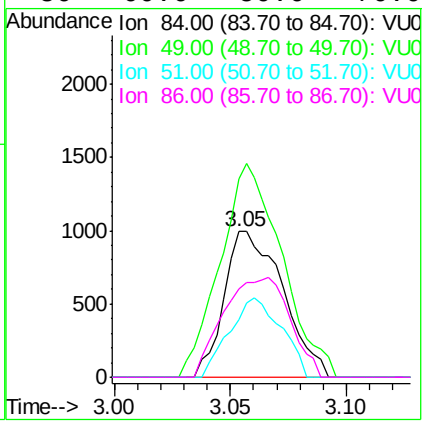


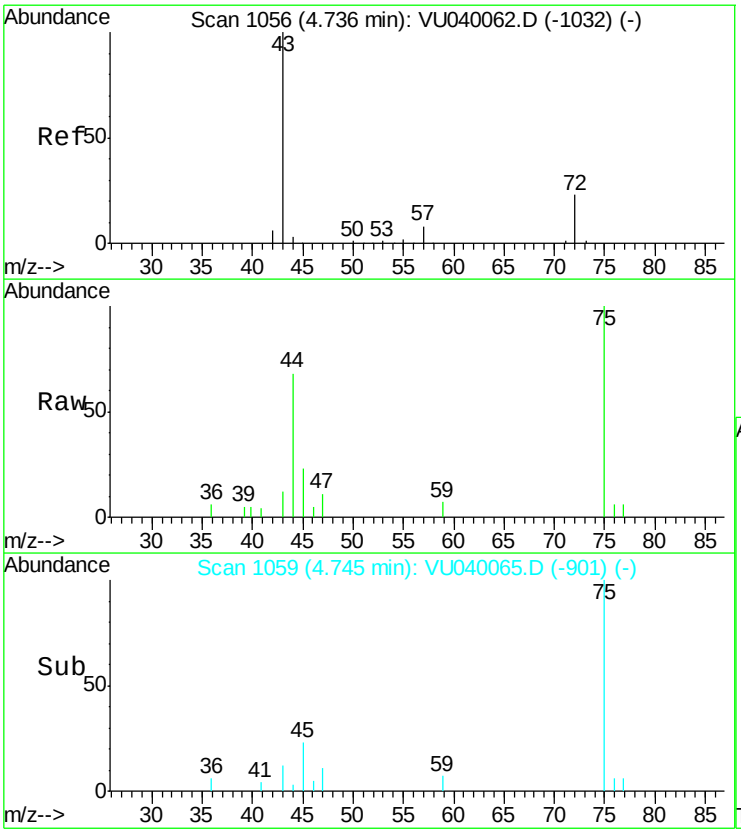

#15
Methylene Chloride
Concen: Below Cal
RT: 3.05 min Scan# 533
Delta R.T. -0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion: 84 Resp: 1737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 136.3 | 114.3 | 171.5 |
| 51 | 39.7 | 0.0 | 84.6 |
| 86 | 60.6 | 50.6 | 76.0 |

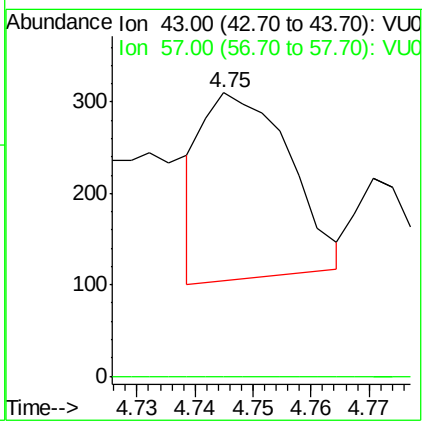


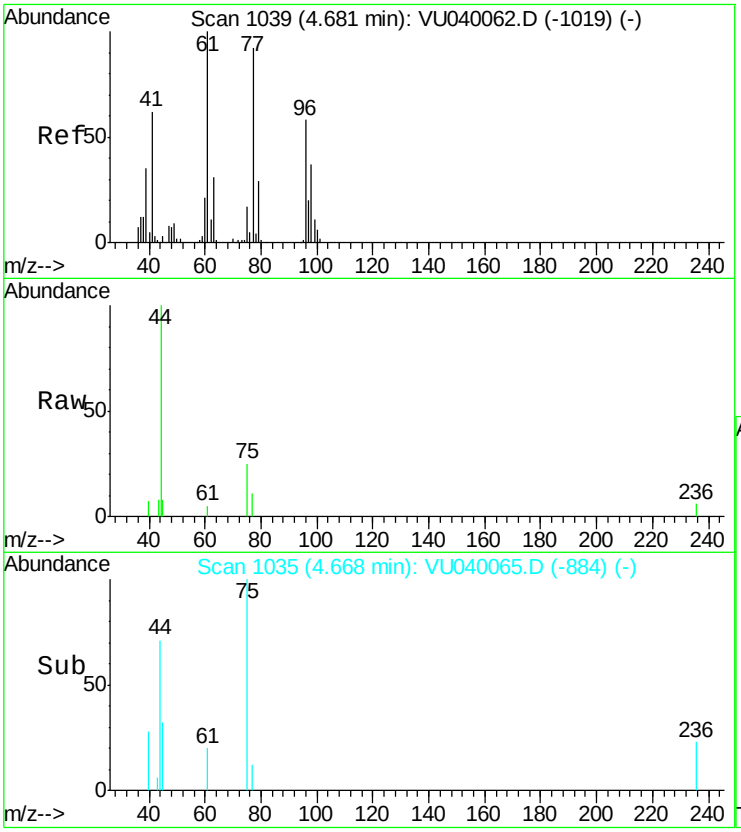




#18
2-Butanone
Concen: 0.072 ug/l
RT: 4.75 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 43 Resp: 214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 0.0 | 0.0 | 15.2 |



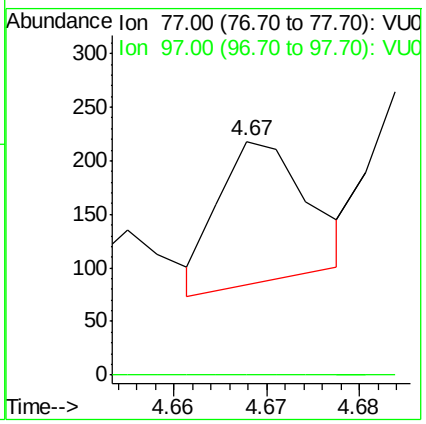


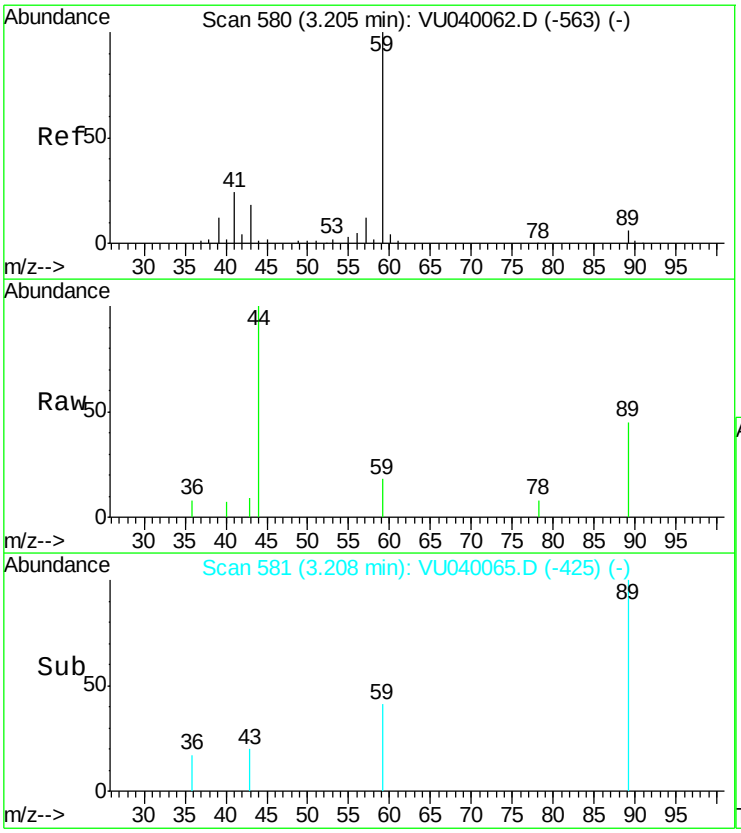

#21
2,2-Dichloropropane
Concen: 0.007 ug/l
RT: 4.67 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion: 77 Resp: 89

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 0.0 | 16.4 | 24.6# |

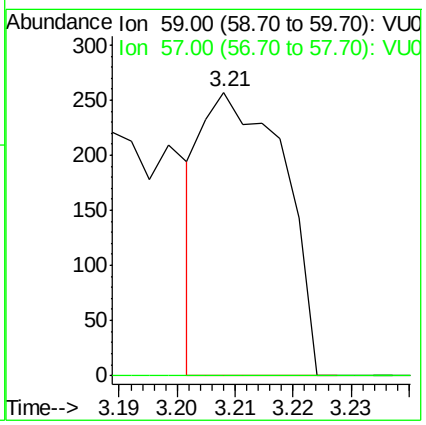


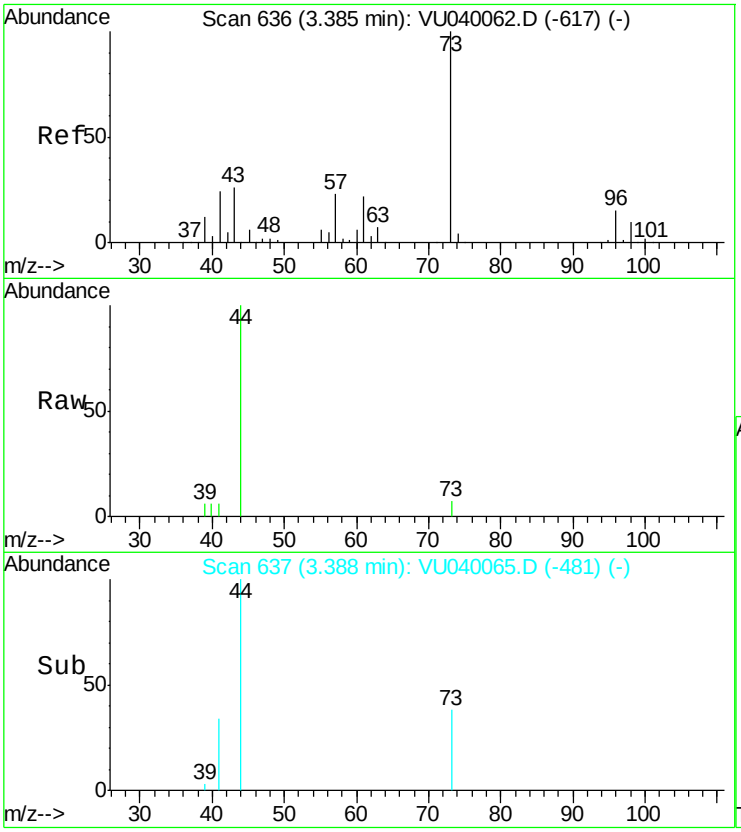




#24
tert-Butyl Alcohol
Concen: 0.325 ug/l
RT: 3.21 min Scan# 581
Delta R.T. 0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 59 Resp: 252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 9.0 | 13.6# |



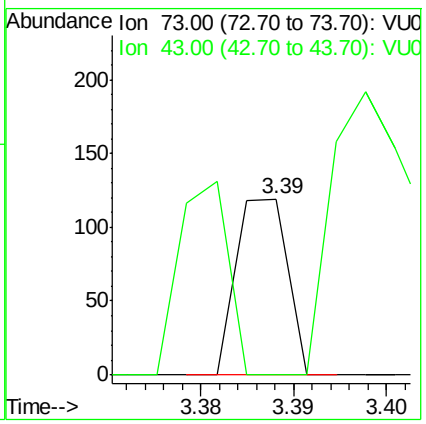


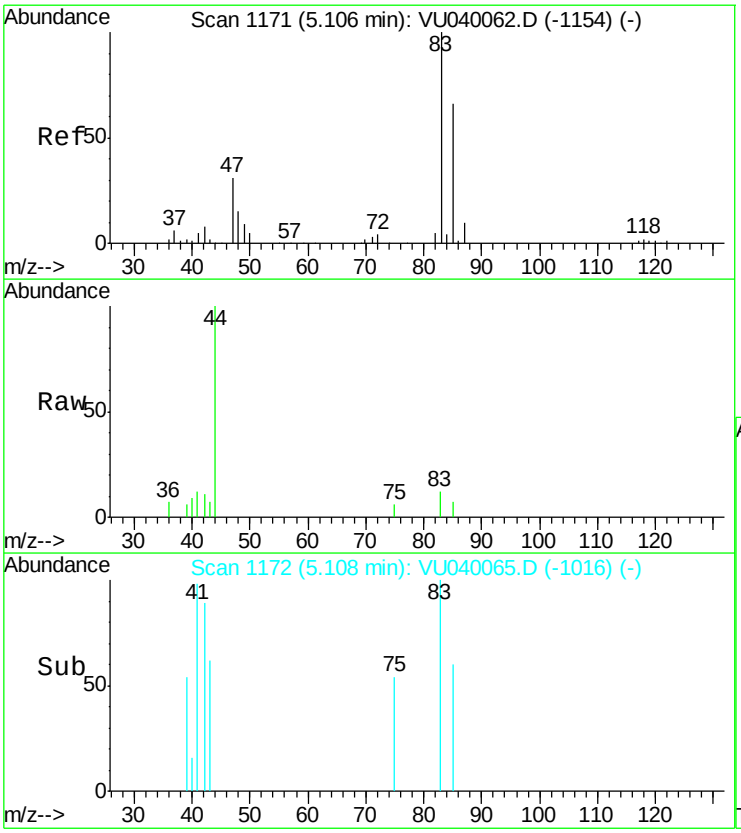

#25
Methyl tert-Butyl Ether
Concen: 0.002 ug/l
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion: 73 Resp: 46

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 104.3 | 20.0 | 30.0# |

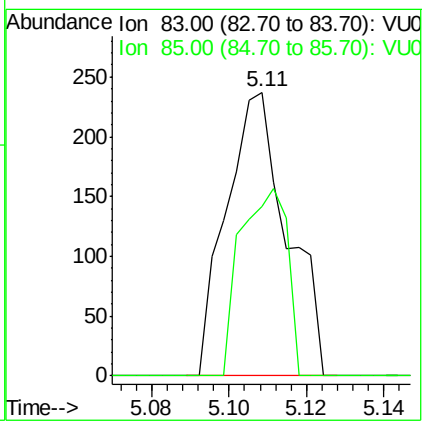


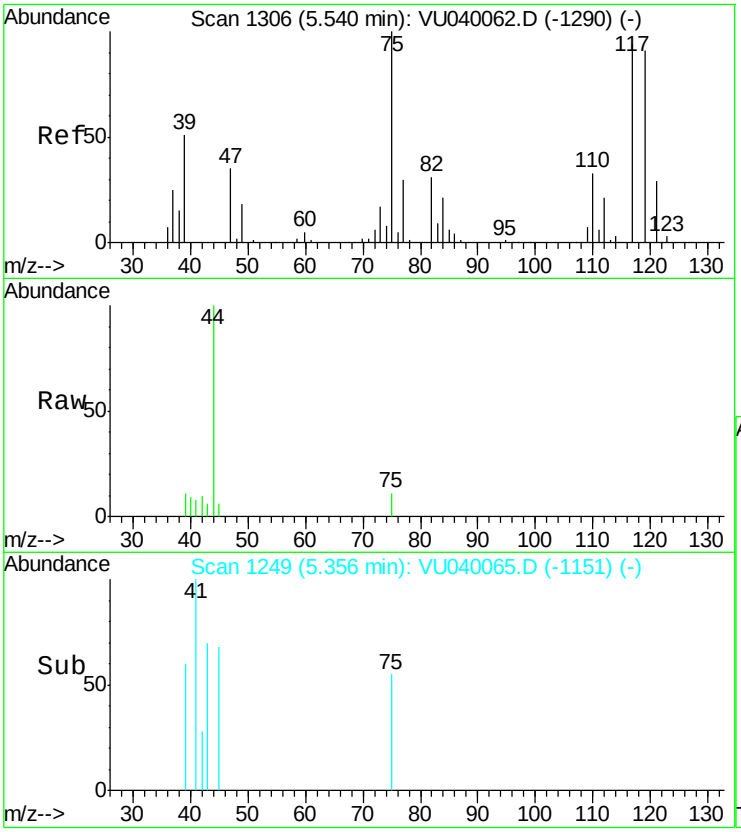




#27
Chloroform
Concen: 0.018 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 83 Resp: 259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 59.9 | 0.0 | 132.4 |



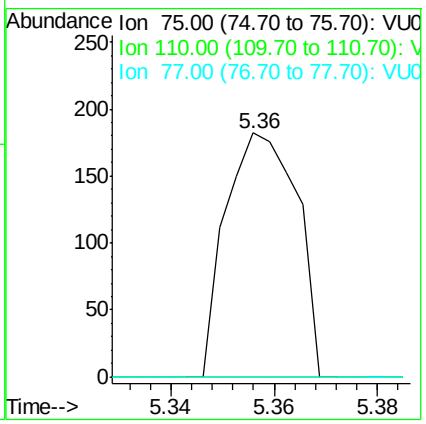


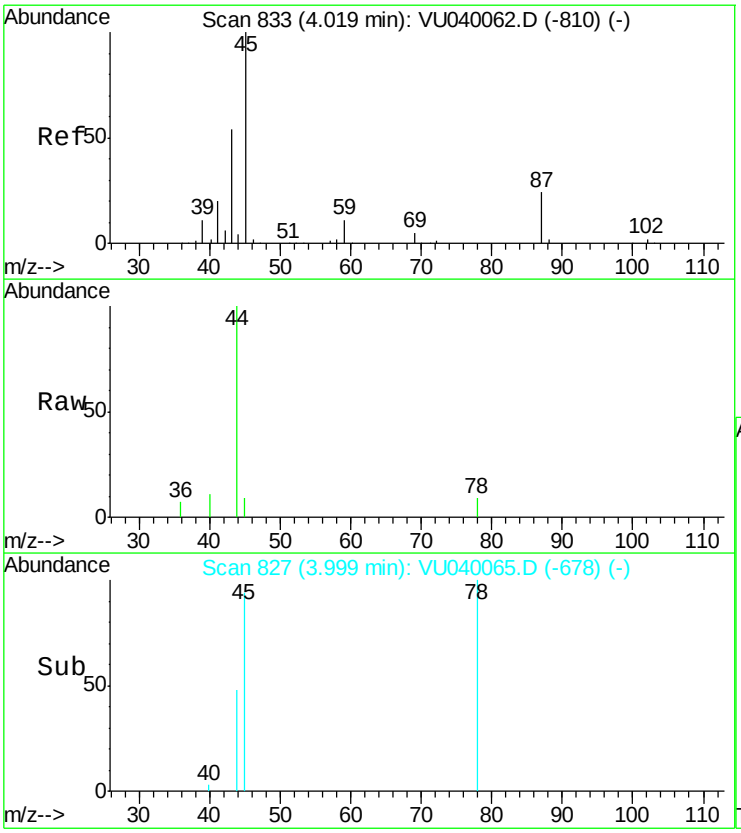

#29
1,1-Dichloropropene
Concen: 0.016 ug/l
RT: 5.36 min Scan# 1249
Delta R.T. -0.18 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion: 75 Resp: 174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 16.2 | 48.6# |
| 77 | 56.9 | 25.3 | 37.9# |

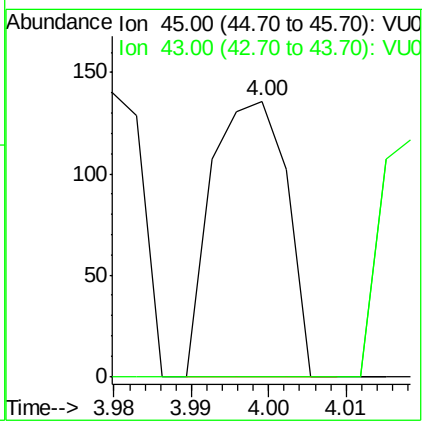


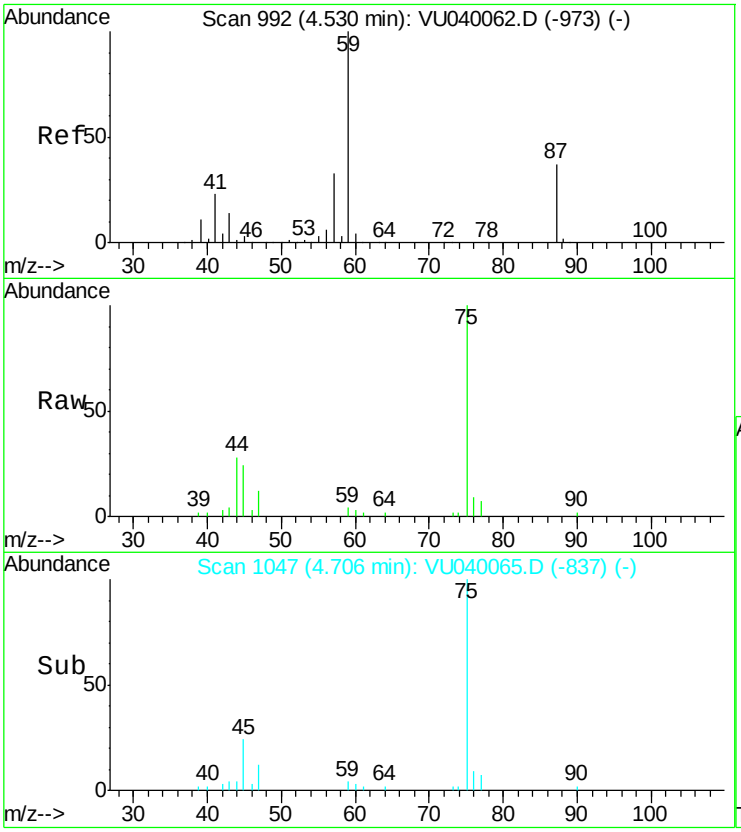




#31
Isopropyl Ether
Concen: 0.004 ug/l
RT: 4.00 min Scan# 827
Delta R.T. -0.02 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 45 Resp: 92

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 97.8 | 27.9 | 83.7# |



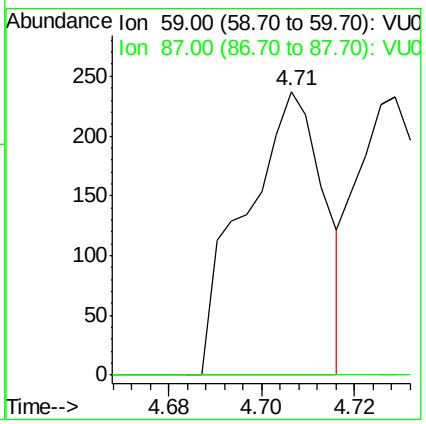


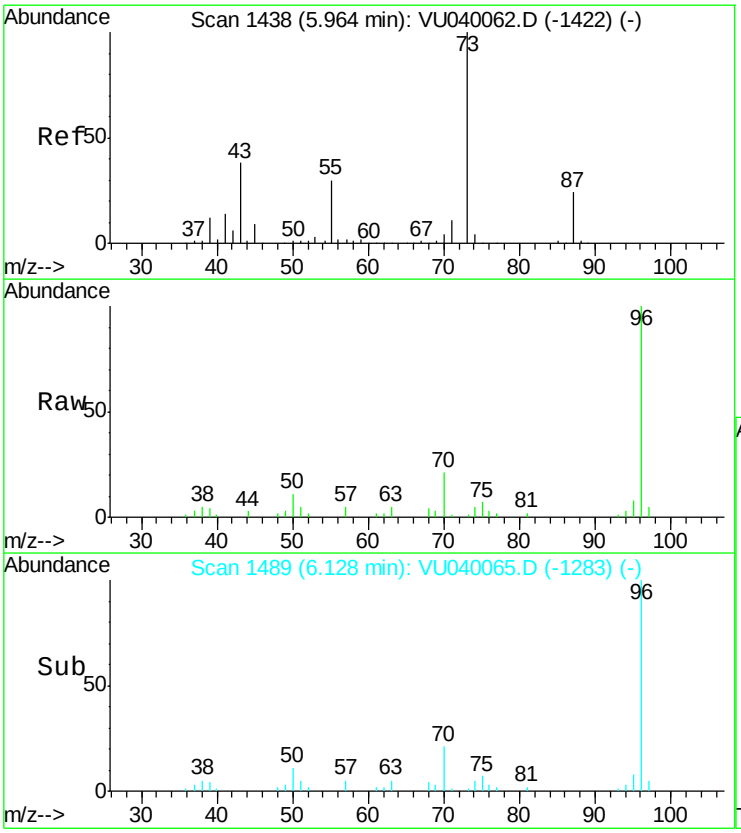

#32
Ethyl-t-butyl ether
Concen: 0.013 ug/l
RT: 4.71 min Scan# 1047
Delta R.T. 0.18 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Tgt Ion: 59 Resp: 282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 87 | 0.0 | 30.7 | 46.1# |

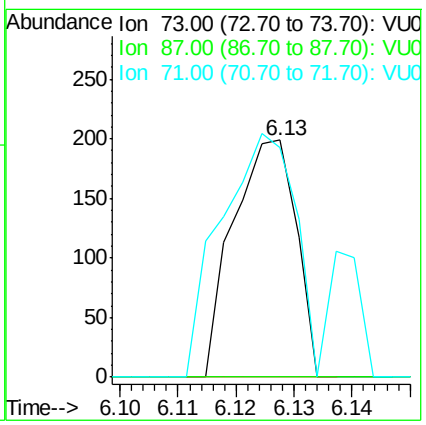


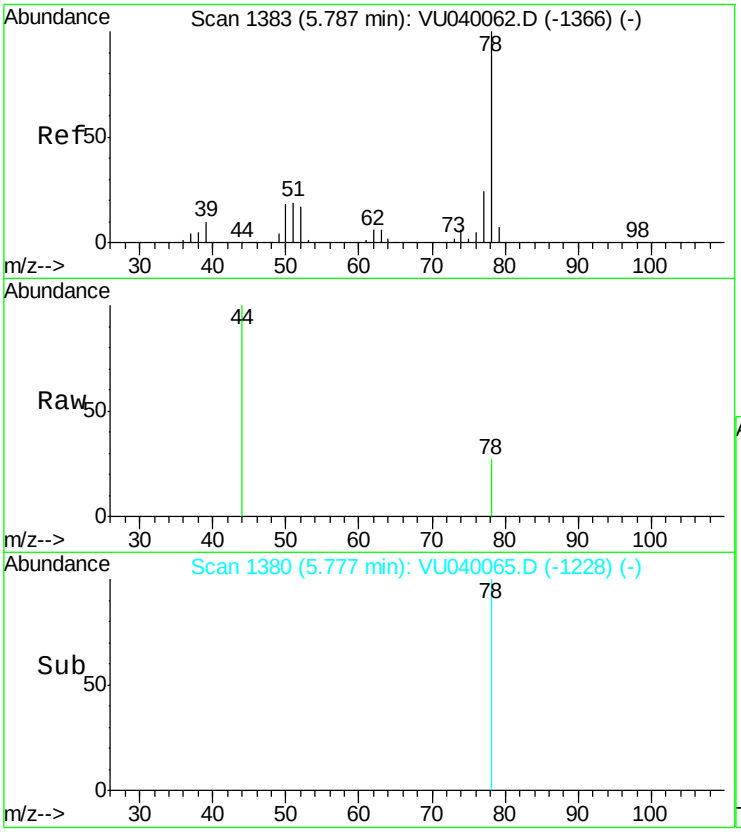




#33
Tert-Amyl methyl ether
Concen: 0.008 ug/l
RT: 6.13 min Scan# 1489
Delta R.T. 0.16 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 73 Resp: 149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 87 | 0.0 | 19.4 | 29.0# |
| 71 | 122.1 | 9.2 | 13.8# |



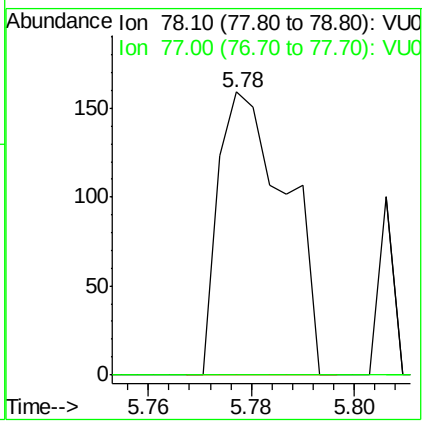


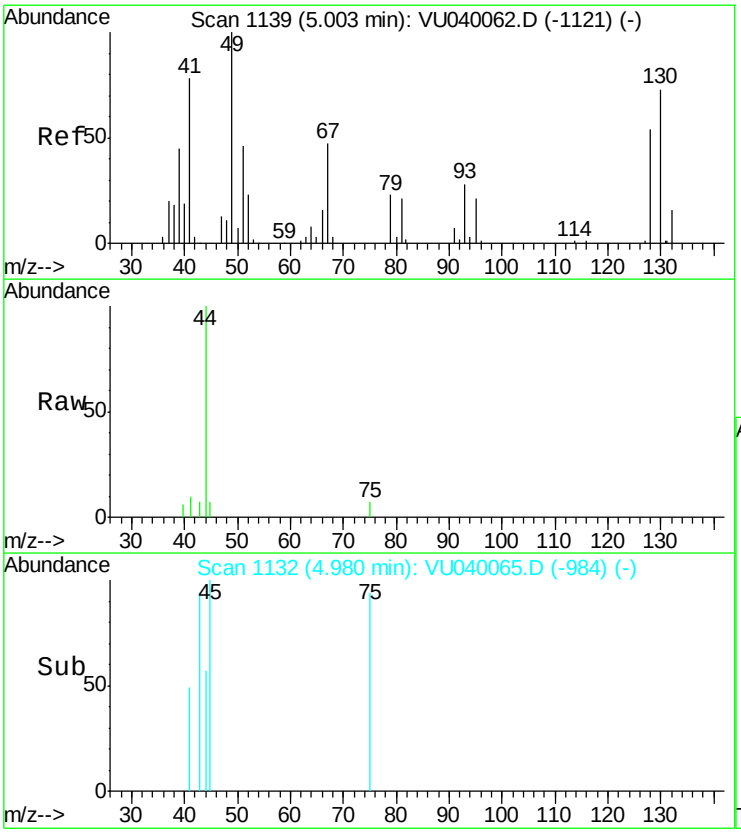

#35
Benzene
Concen: 0.005 ug/l
RT: 5.78 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Tgt Ion: 78 Resp: 145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 0.0 | 19.1 | 28.7# |

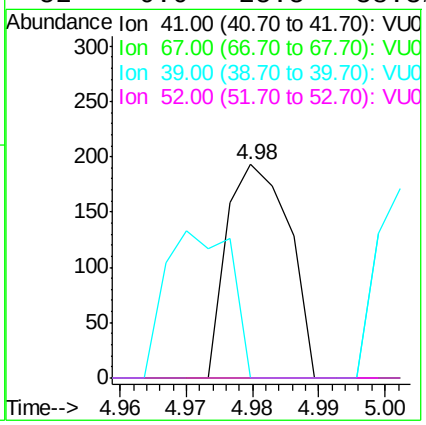


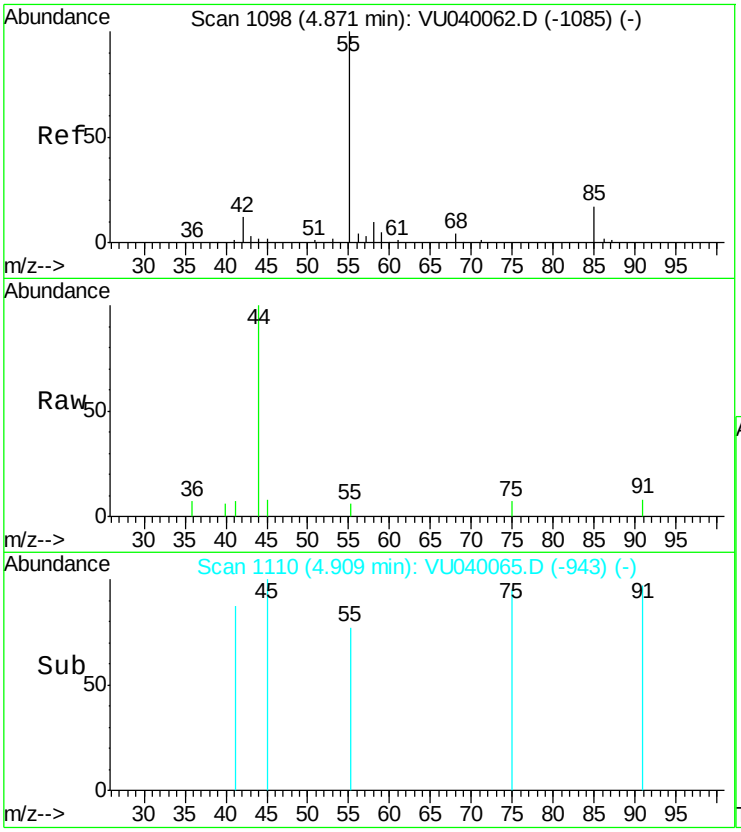




#39
Methacrylonitrile
Concen: 0.031 ug/l
RT: 4.98 min Scan# 1132
Delta R.T. -0.02 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 41 Resp: 126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 67 | 0.0 | 49.2 | 73.8# |
| 39 | 73.8 | 46.5 | 69.7# |
| 52 | 0.0 | 25.5 | 38.3# |



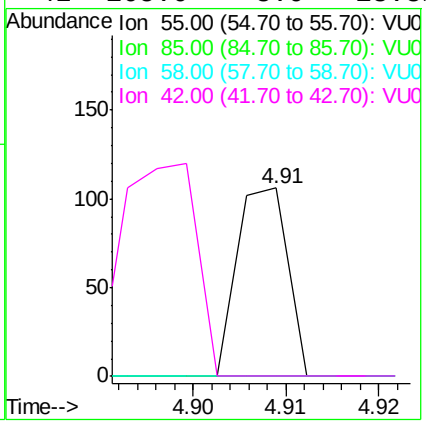


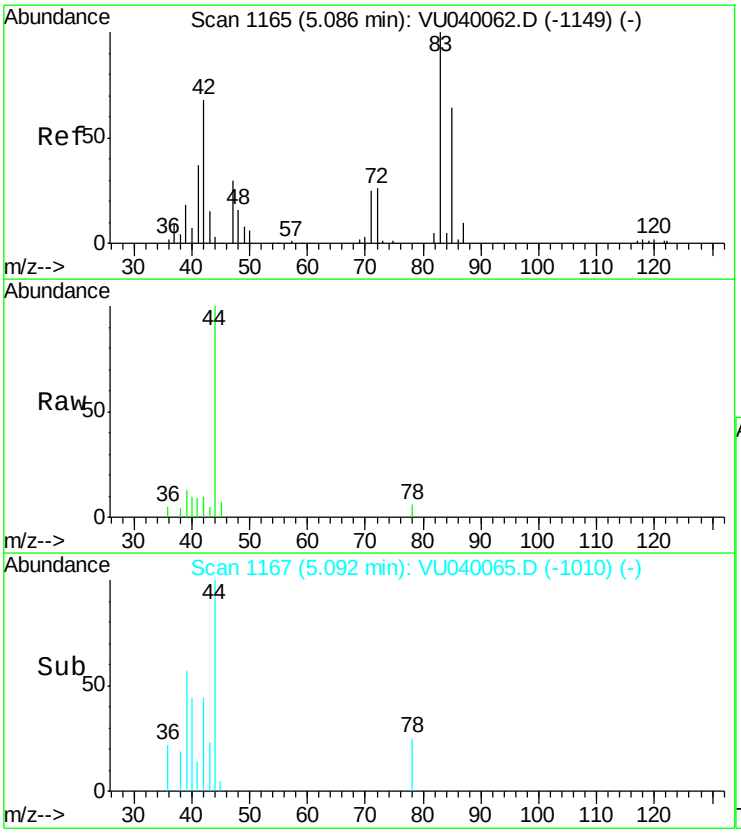

#40
Methyl acrylate
Concen: 0.008 ug/l
RT: 4.91 min Scan# 1110
Delta R.T. 0.04 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Tgt Ion: 55 Resp: 40

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 55 | 100 | | |
| 85 | 0.0 | 13.3 | 19.9# |
| 58 | 0.0 | 7.5 | 11.3# |
| 42 | 165.0 | 8.9 | 13.3# |

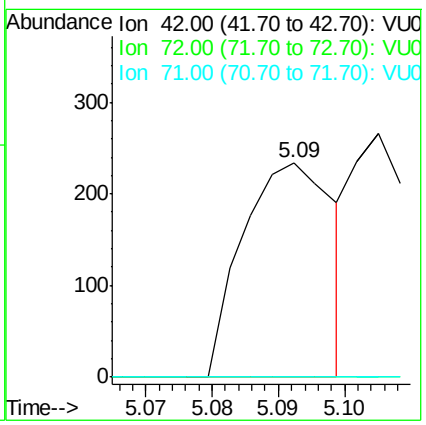


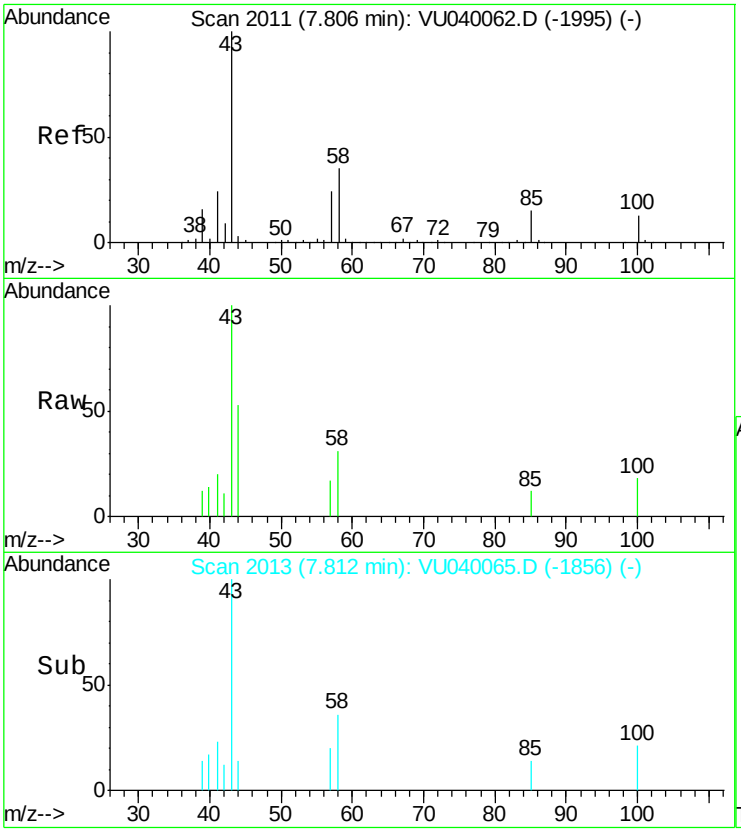




#41
Tetrahydrofuran
Concen: 0.115 ug/l
RT: 5.09 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 42 Resp: 222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 33.8 | 50.6# |
| 71 | 0.0 | 30.9 | 46.3# |



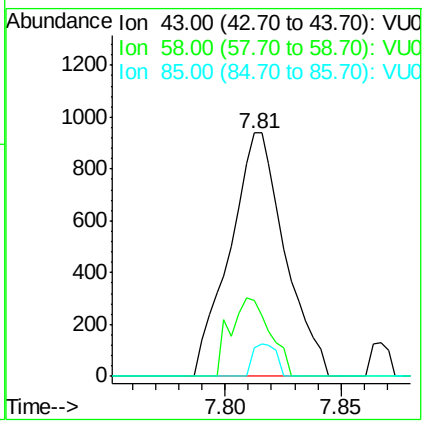


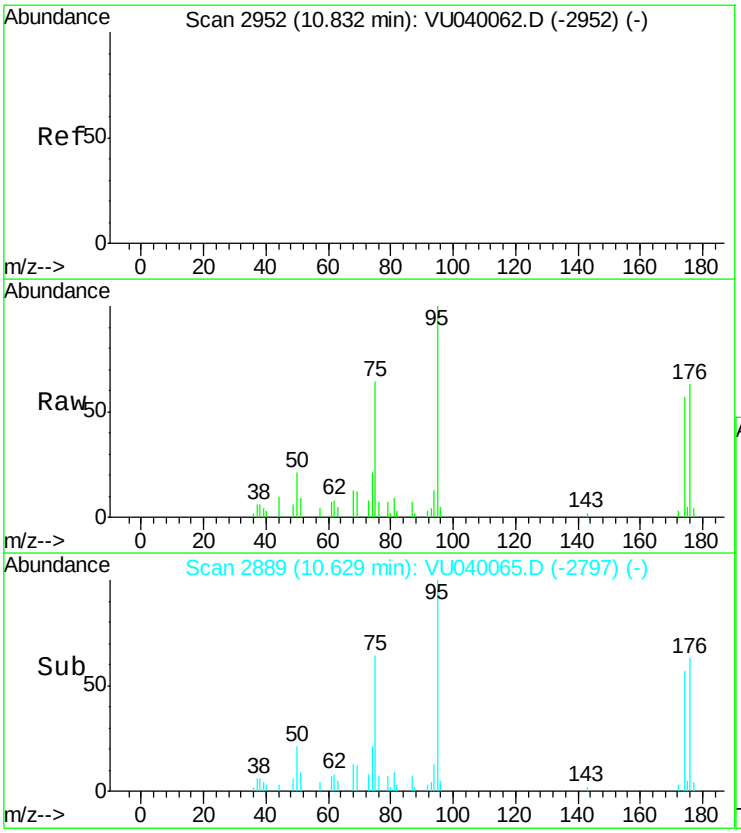

#45
4-Methyl-2-Pentanone
Concen: 0.227 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Tgt Ion: 43 Resp: 1550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.2 | 18.1 | 54.3 |
| 85 | 5.7 | 12.3 | 18.5# |

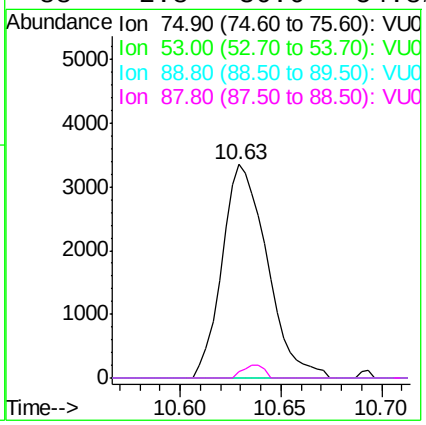


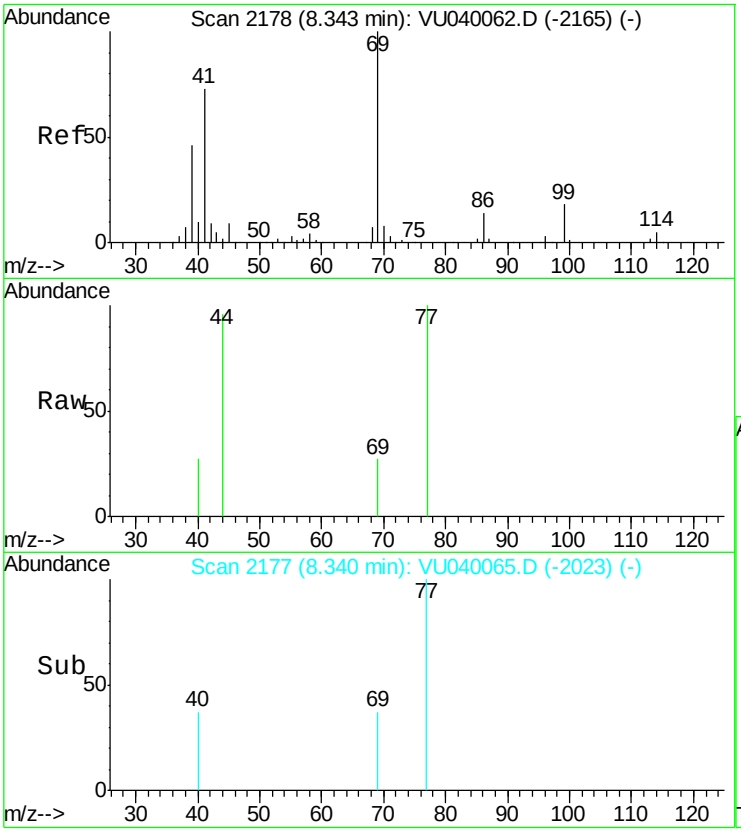




#46
t-1,4-Dichloro-2-butene
Concen: 2.004 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.20 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 75 Resp: 5235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 75.0 | 112.6# |
| 89 | 0.0 | 41.6 | 62.4# |
| 88 | 2.8 | 36.6 | 54.8# |



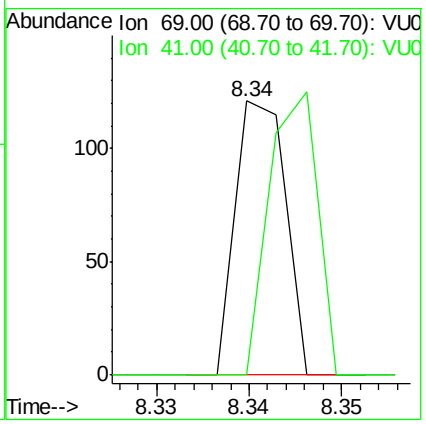


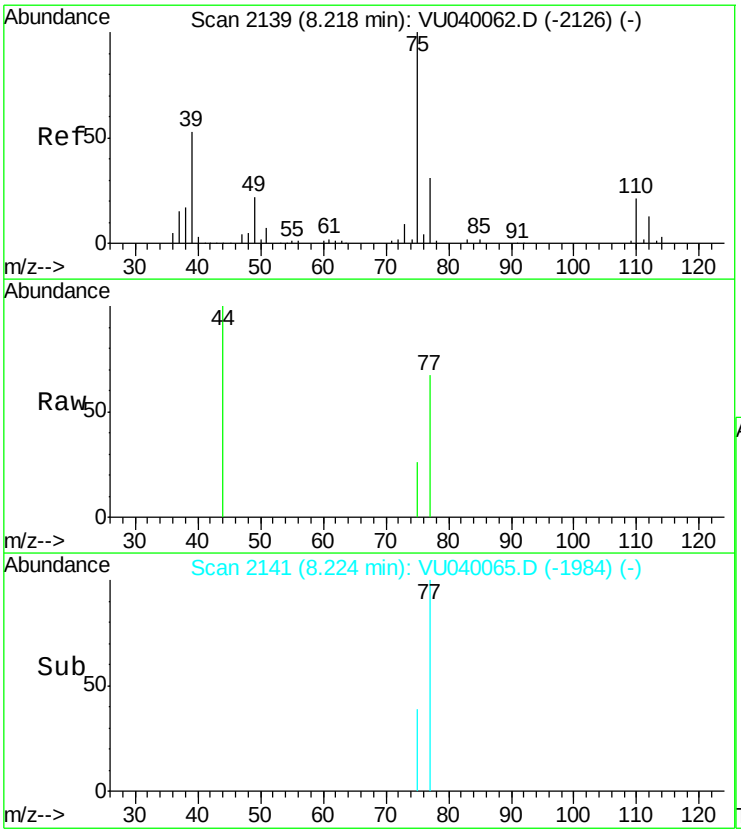

#48
Ethyl methacrylate
Concen: 0.006 ug/l
RT: 8.34 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Tgt Ion: 69 Resp: 46

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 97.8 | 37.8 | 113.3 |

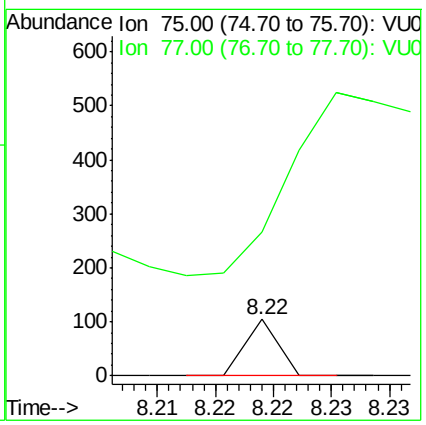


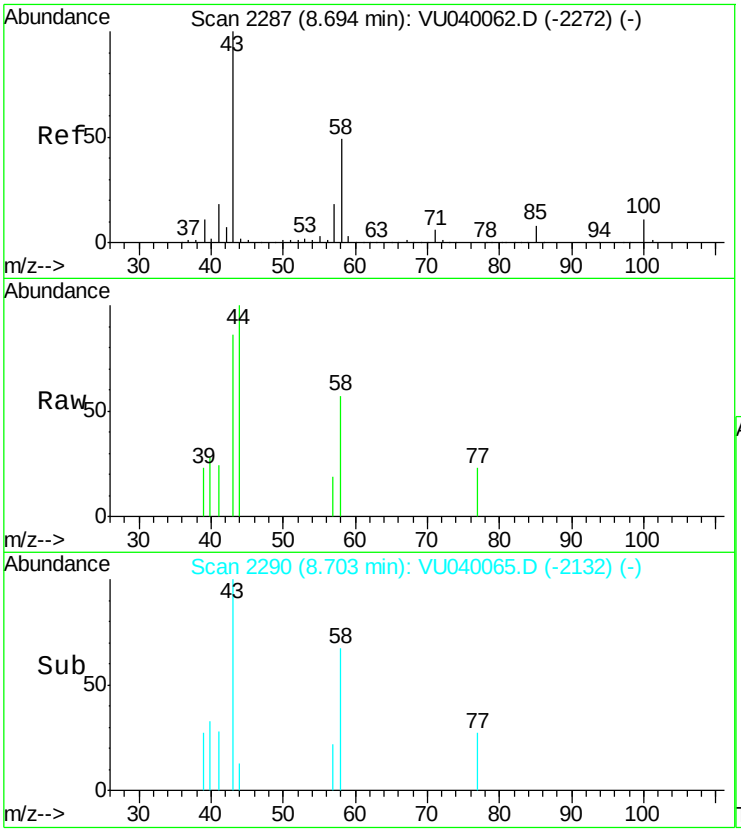




#50
t-1,3-Dichloropropene
Concen: 0.002 ug/l
RT: 8.22 min Scan# 2141
Delta R.T. 0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 75 Resp: 20

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 78.8 | 24.4 | 36.6# |



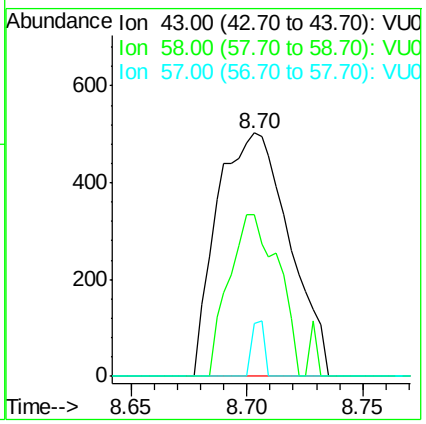


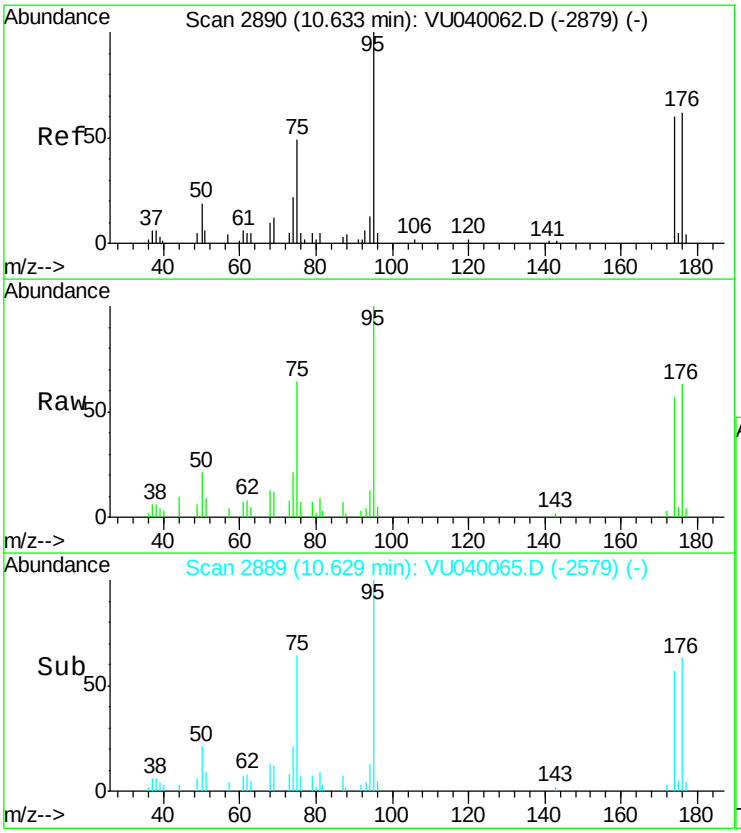

#54
2-Hexanone
Concen: 0.220 ug/l
RT: 8.70 min Scan# 2290
Delta R.T. 0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion: 43 Resp: 1089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 45.2 | 29.6 | 69.6 |
| 57 | 3.9 | 0.0 | 37.8 |

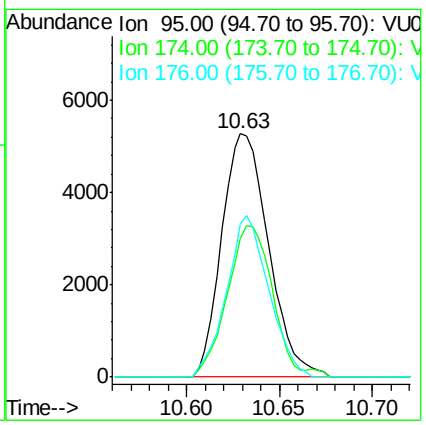


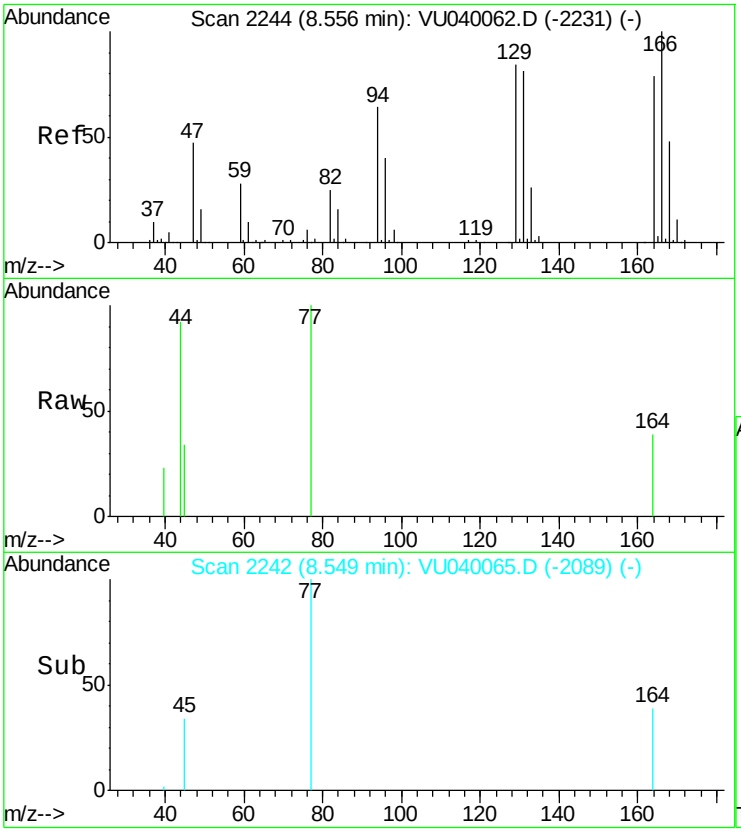




#57
4-Bromofluorobenzene
Concen: 0.806 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 95 Resp: 9245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 59.6 | 49.4 | 74.0 |
| 176 | 59.8 | 50.1 | 75.1 |



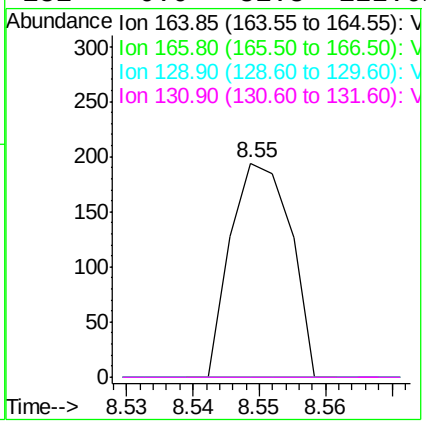


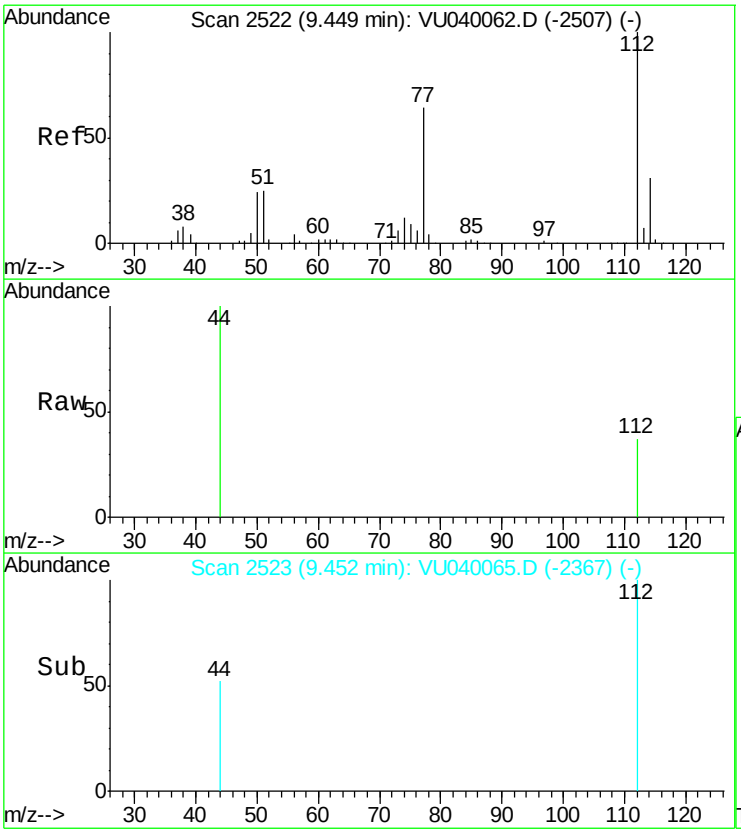

#58
Tetrachloroethene
Concen: 0.017 ug/l
RT: 8.55 min Scan# 2242
Delta R.T. -0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion:164 Resp: 122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 0.0 | 101.3 | 151.9# |
| 129 | 0.0 | 84.8 | 127.2# |
| 131 | 0.0 | 81.8 | 122.6# |

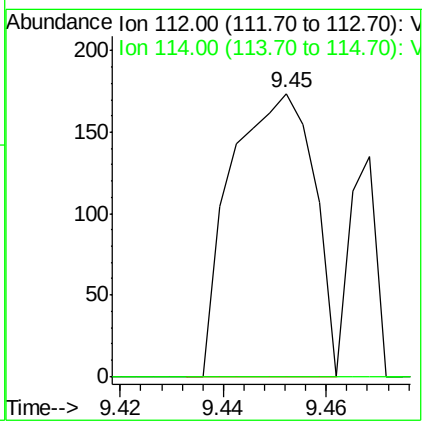


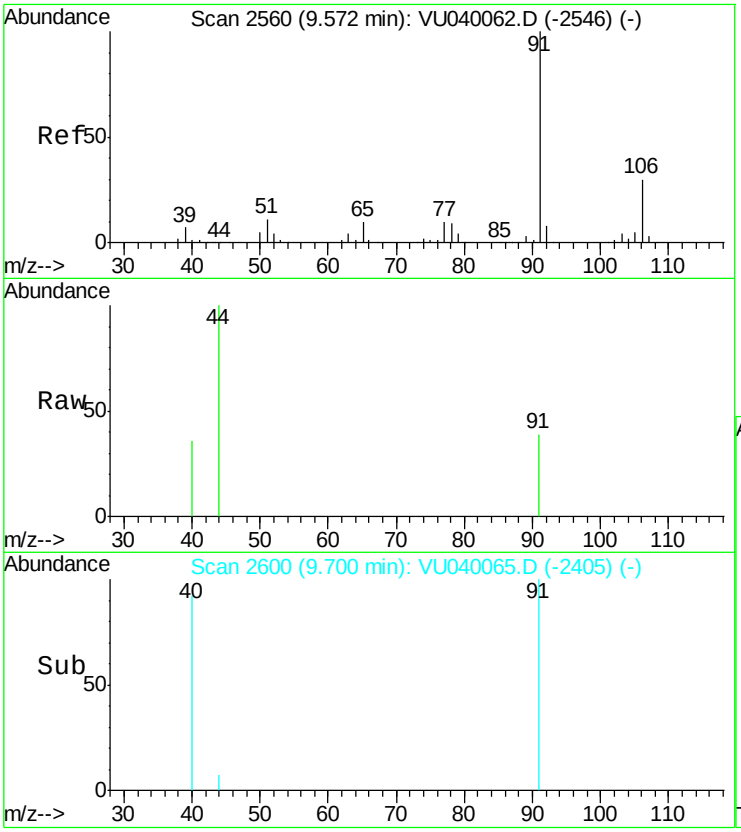




#59
Chlorobenzene
Concen: 0.010 ug/l
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion:112 Resp: 192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 0.0 | 24.8 | 37.2# |



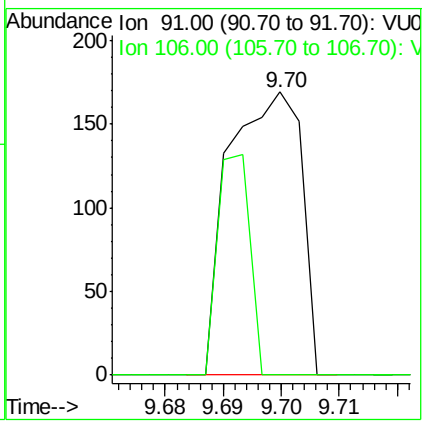


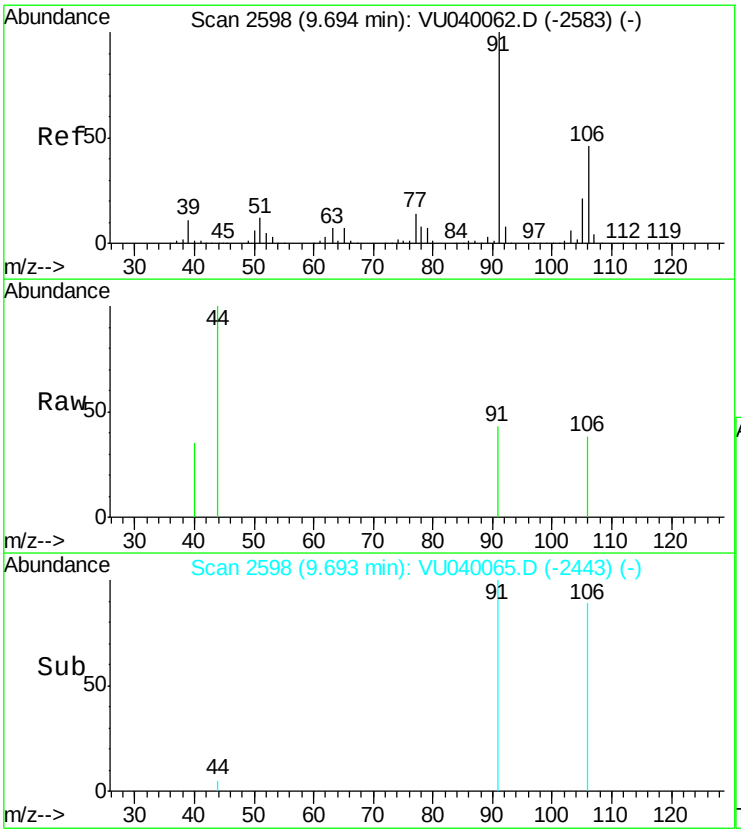

#63
Ethyl Benzene
Concen: 0.004 ug/l
RT: 9.70 min Scan# 2600
Delta R.T. 0.13 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion: 91 Resp: 146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 0.0 | 23.8 | 35.8# |

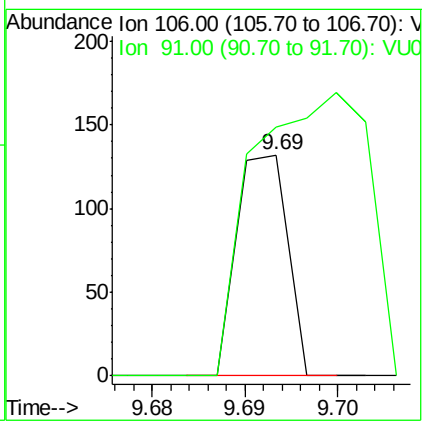


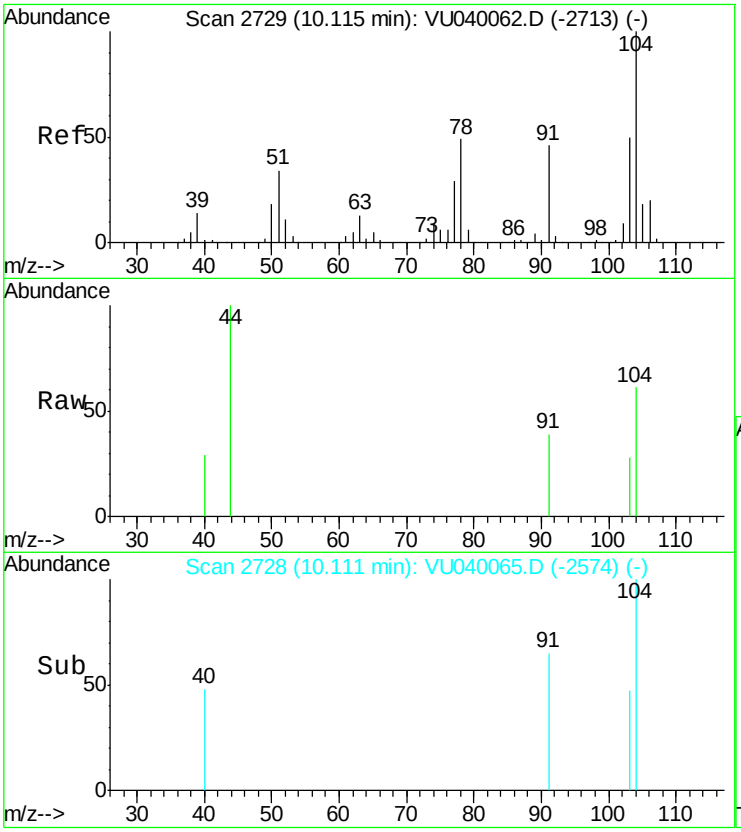




#64
m/p-Xylenes
Concen: 0.004 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion:106 Resp: 50

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 292.0 | 171.4 | 257.2# |



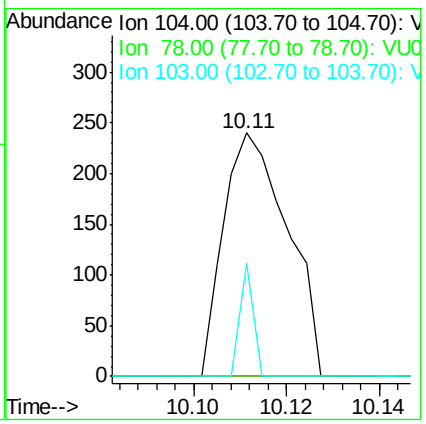


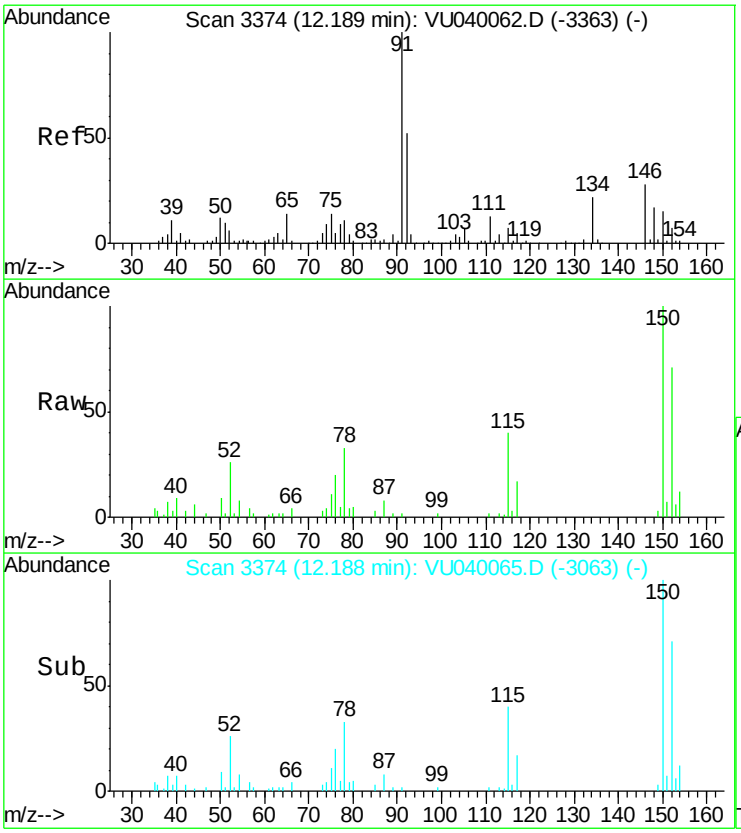

#66
Styrene
Concen: 0.011 ug/l
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion:104 Resp: 229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 0.0 | 43.9 | 65.9# |
| 103 | 9.6 | 43.7 | 65.5# |

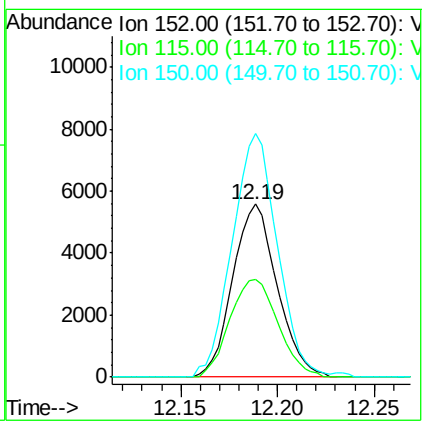


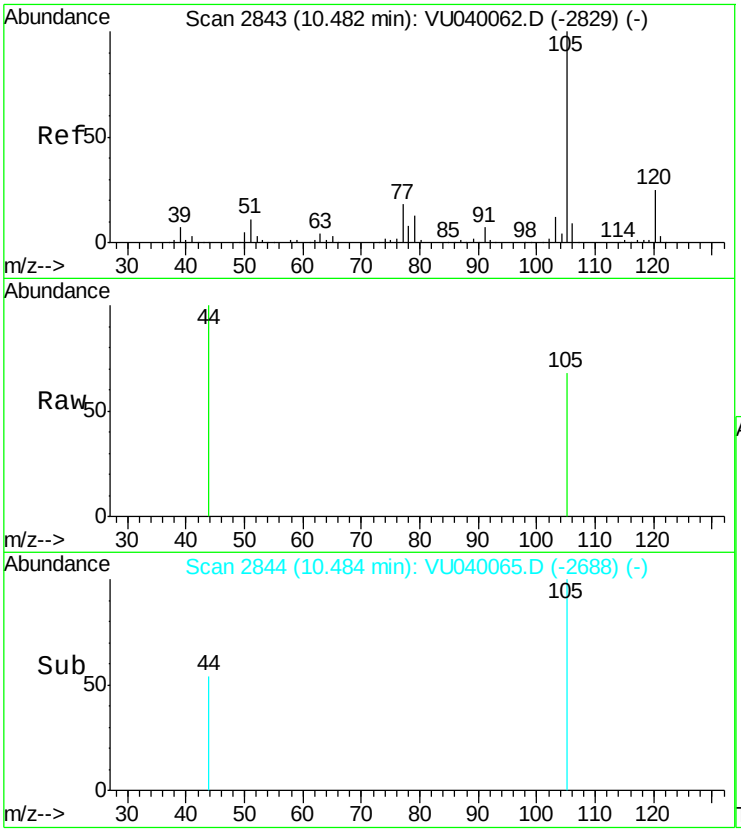




#68
1,2-Dichlorobenzene-d4
Concen: 0.851 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion:152 Resp: 8931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.3 | 0.0 | 309.0 |
| 150 | 142.8 | 0.0 | 658.2 |



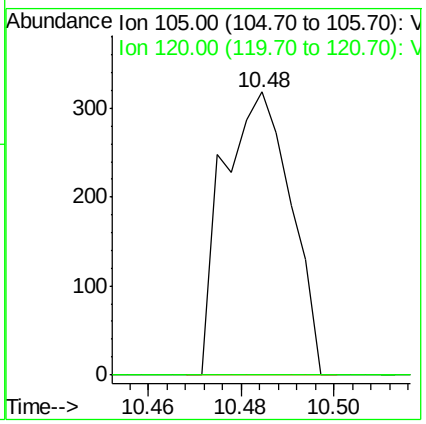


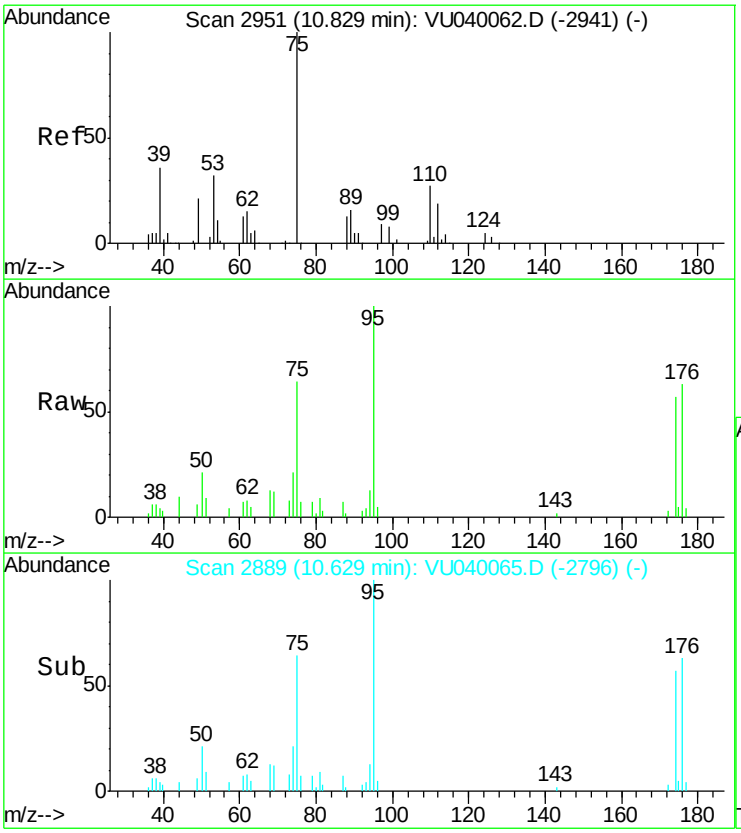

#69
Isopropylbenzene
Concen: 0.009 ug/l
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion:105 Resp: 323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 12.4 | 37.4# |

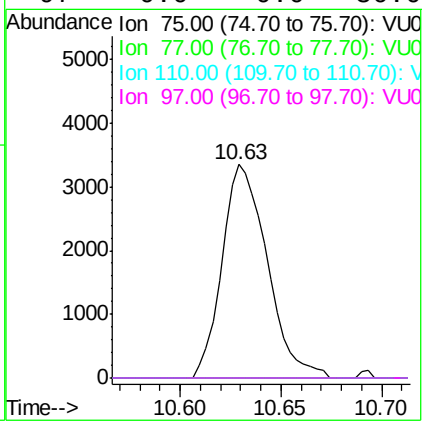


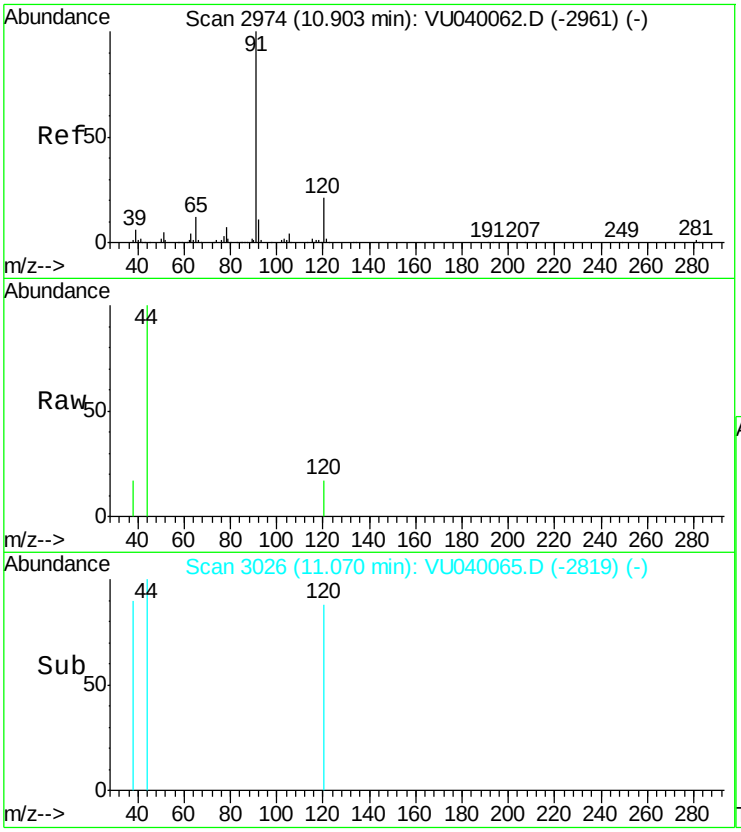




#71
1,2,3-Trichloropropane
Concen: 0.785 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.20 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion: 75 Resp: 5235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 0.0 | 111.4 |
| 110 | 0.0 | 0.0 | 70.8 |
| 97 | 0.0 | 0.0 | 36.0 |



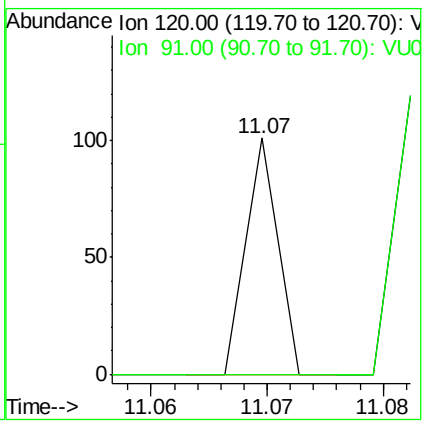


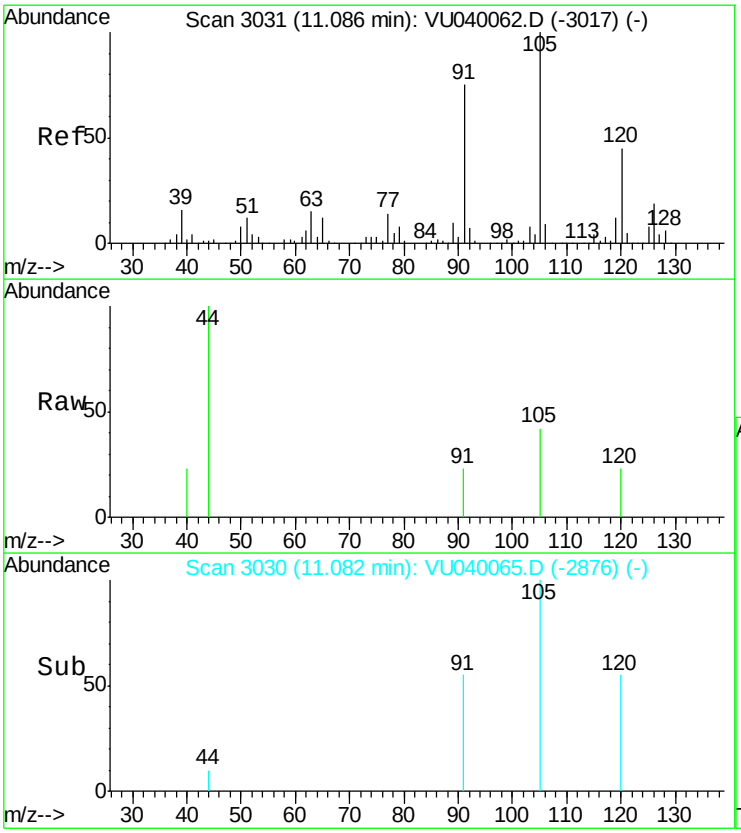

#73
n-propylbenzene
Concen: 0.002 ug/l
RT: 11.07 min Scan# 3026
Delta R.T. 0.17 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Tgt Ion:120 Resp: 19

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 510.5 | 380.4 | 570.6 |

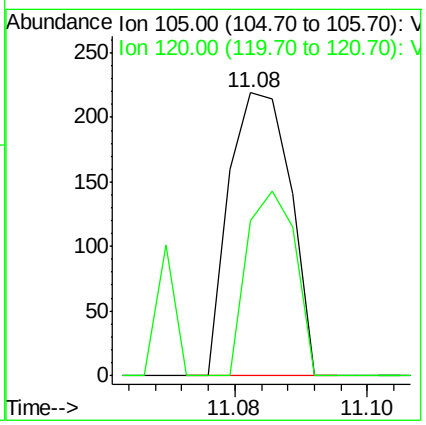


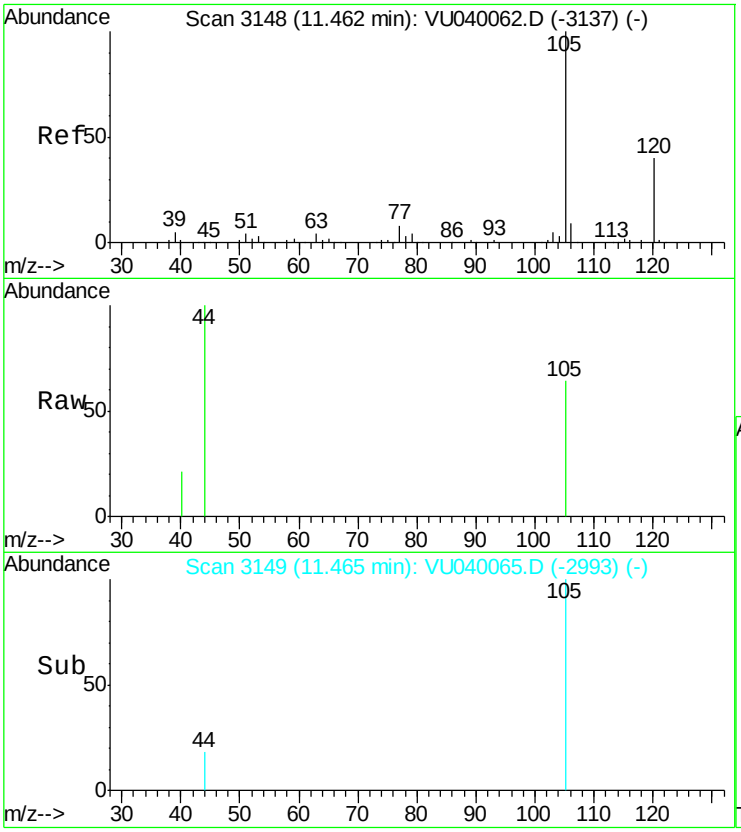




#75
1,3,5-Trimethylbenzene
Concen: 0.005 ug/l
RT: 11.08 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion:105 Resp: 142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 51.4 | 36.6 | 55.0 |



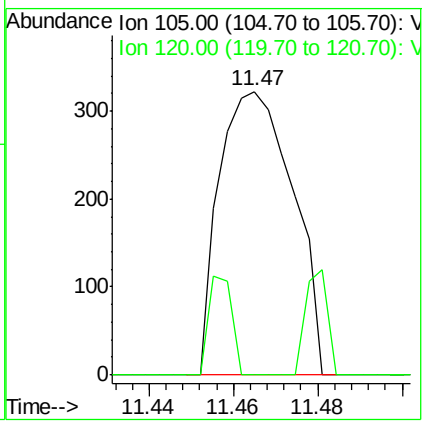


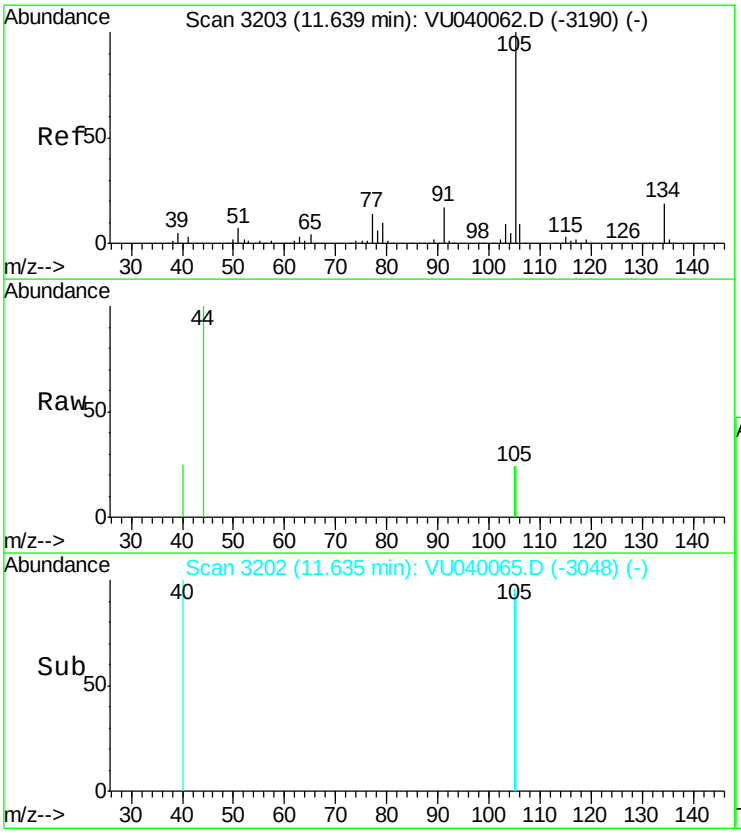

#78
1,2,4-Trimethylbenzene
Concen: 0.012 ug/l
RT: 11.47 min Scan# 3149
Delta R.T. 0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Tgt Ion:105 Resp: 389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 10.8 | 21.9 | 65.5# |

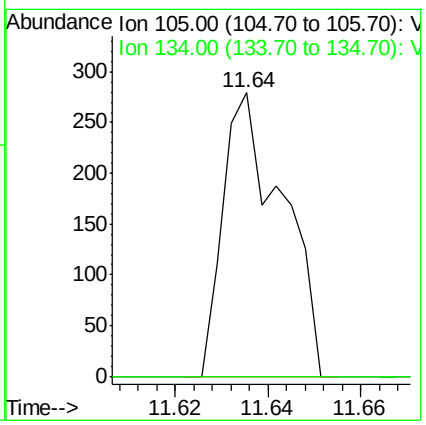


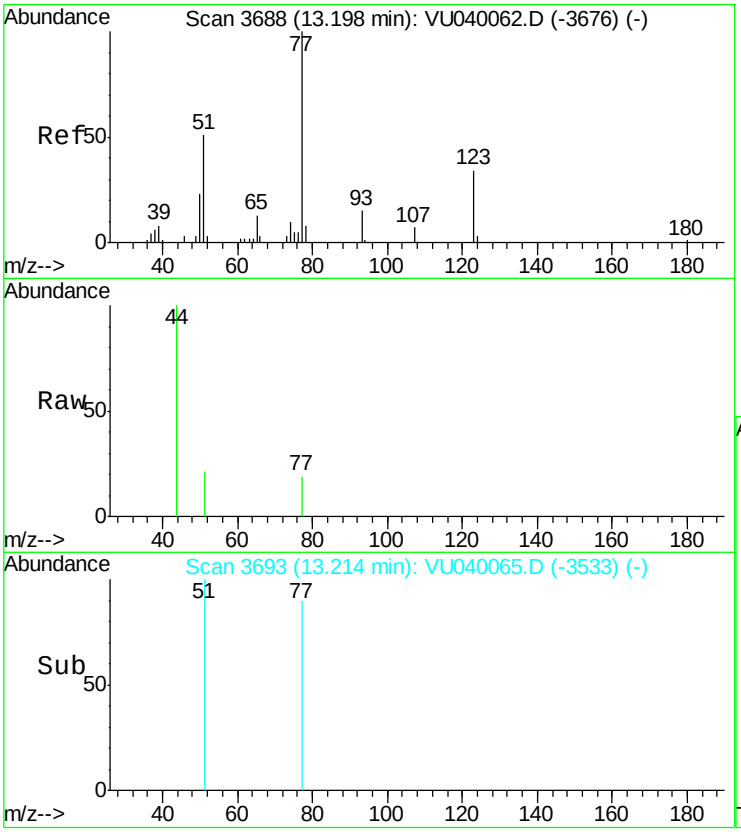




#79
sec-Butylbenzene
Concen: 0.006 ug/l
RT: 11.64 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion:105 Resp: 249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 0.0 | 15.0 | 22.4# |



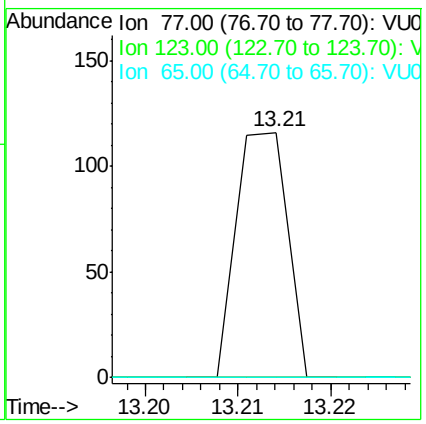


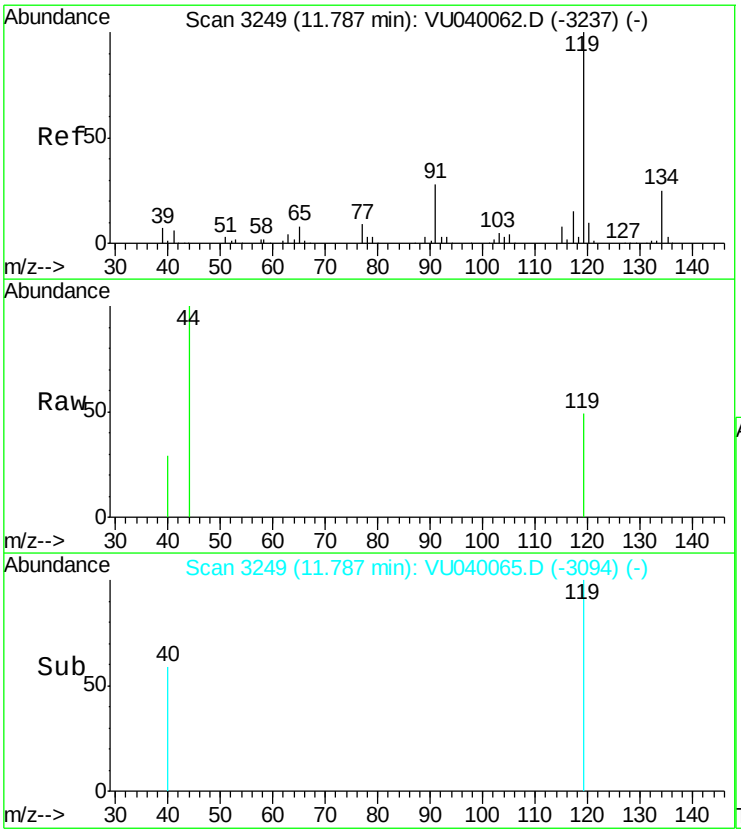

#80
Nitrobenzene
Concen: 0.131 ug/l
RT: 13.21 min Scan# 3693
Delta R.T. 0.02 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Tgt Ion: 77 Resp: 45

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 16.4 | 58.0# |
| 65 | 0.0 | 12.5 | 15.9# |

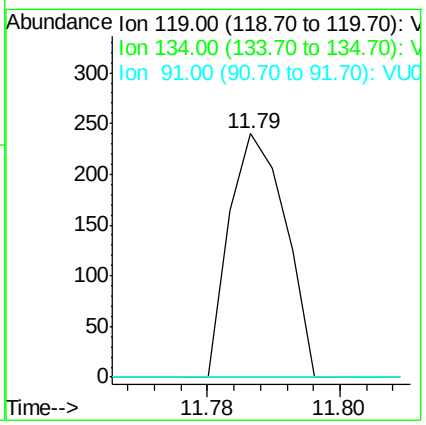


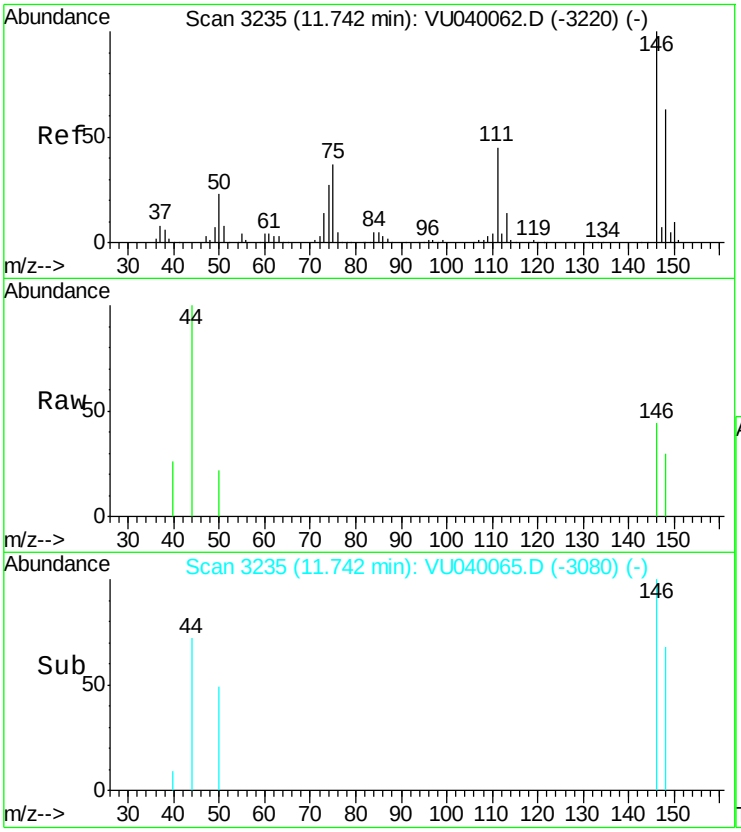




#81
p-Isopropyltoluene
Concen: 0.004 ug/l
RT: 11.79 min Scan# 3249
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion:119 Resp: 142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 0.0 | 20.3 | 30.5# |
| 91 | 0.0 | 22.2 | 33.2# |



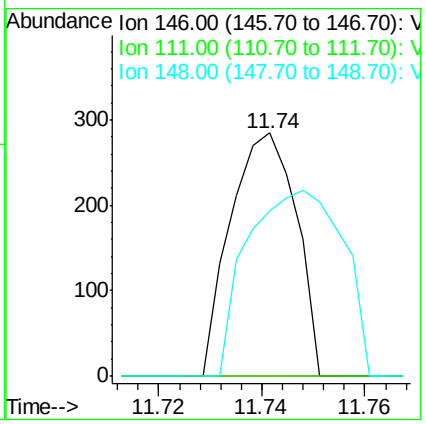


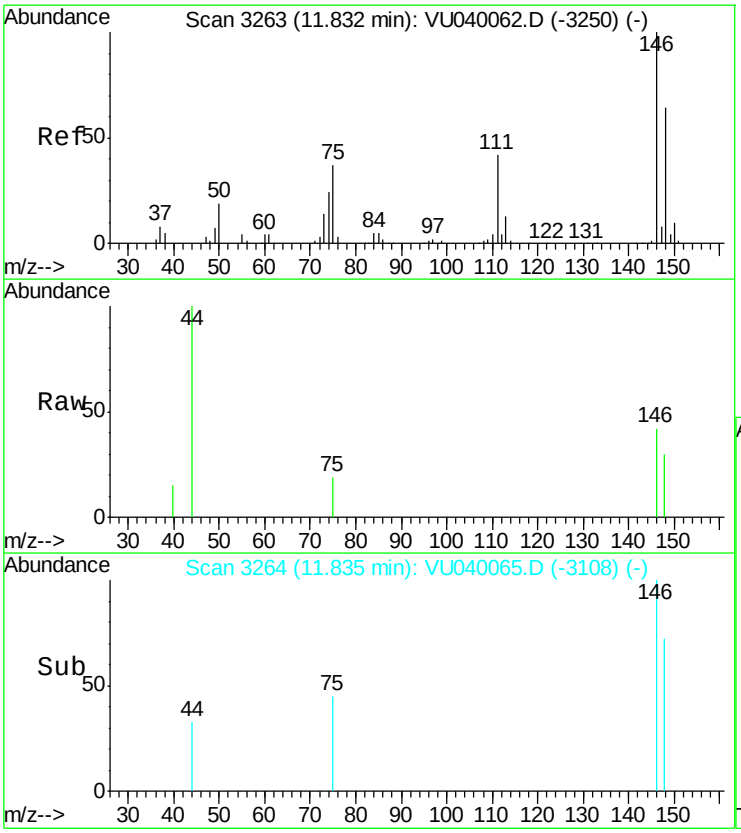

#82
1,3-Dichlorobenzene
Concen: 0.014 ug/l
RT: 11.74 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion:146 Resp: 250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 35.4 | 53.0# |
| 148 | 111.6 | 49.7 | 74.5# |

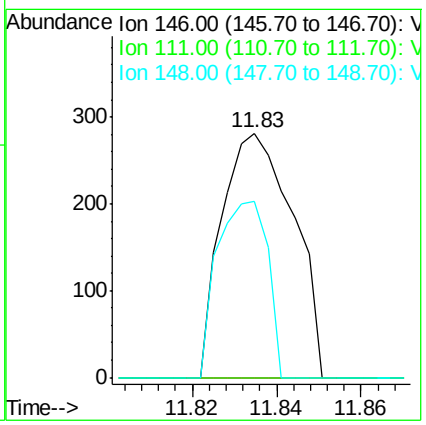


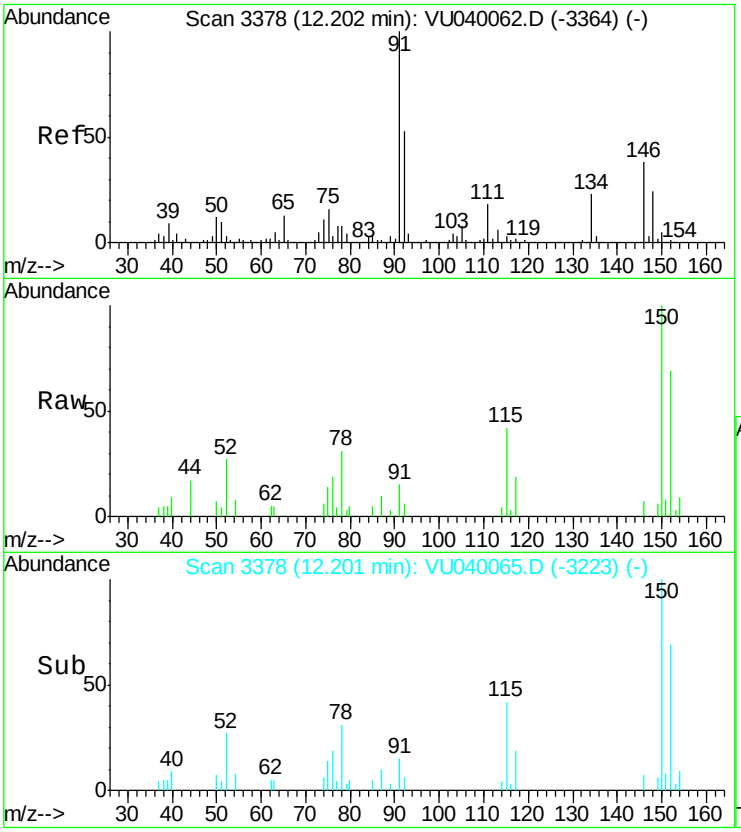




#83
1,4-Dichlorobenzene
Concen: 0.019 ug/l
RT: 11.83 min Scan# 3264
Delta R.T. 0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion:146 Resp: 328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 34.2 | 51.2# |
| 148 | 51.2 | 50.2 | 75.2 |



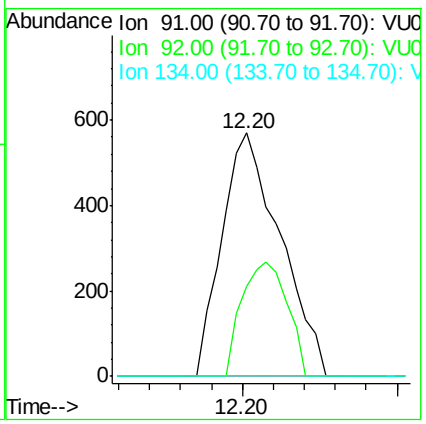


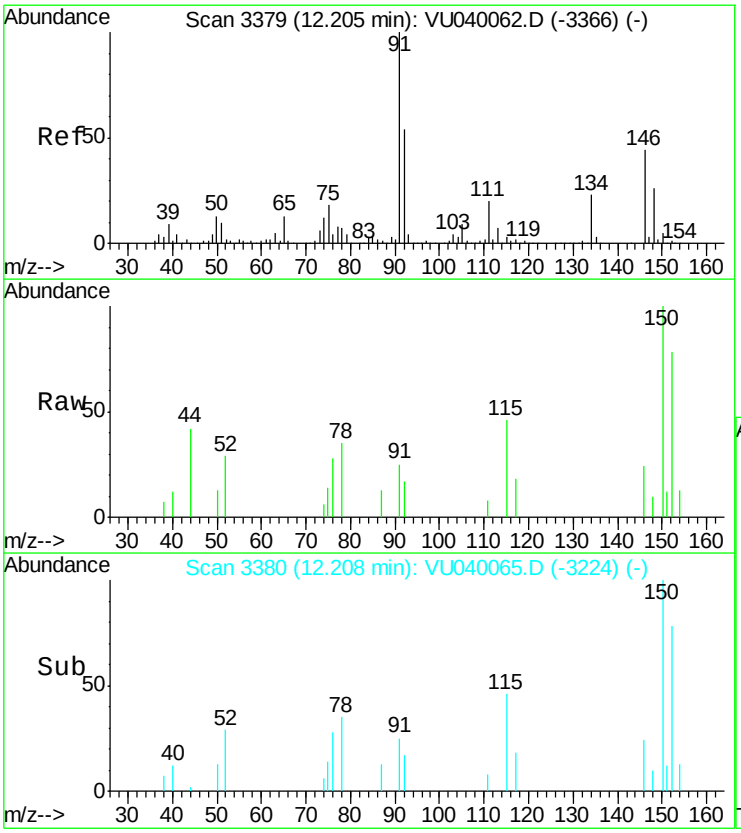

#84
n-Butylbenzene
Concen: 0.023 ug/l
RT: 12.20 min Scan# 3378
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion: 91 Resp: 748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 36.5 | 43.0 | 64.4# |
| 134 | 0.0 | 18.6 | 27.8# |

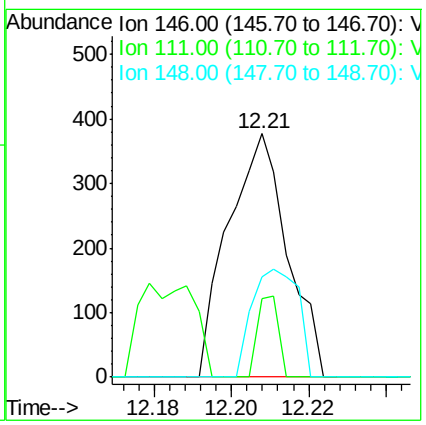


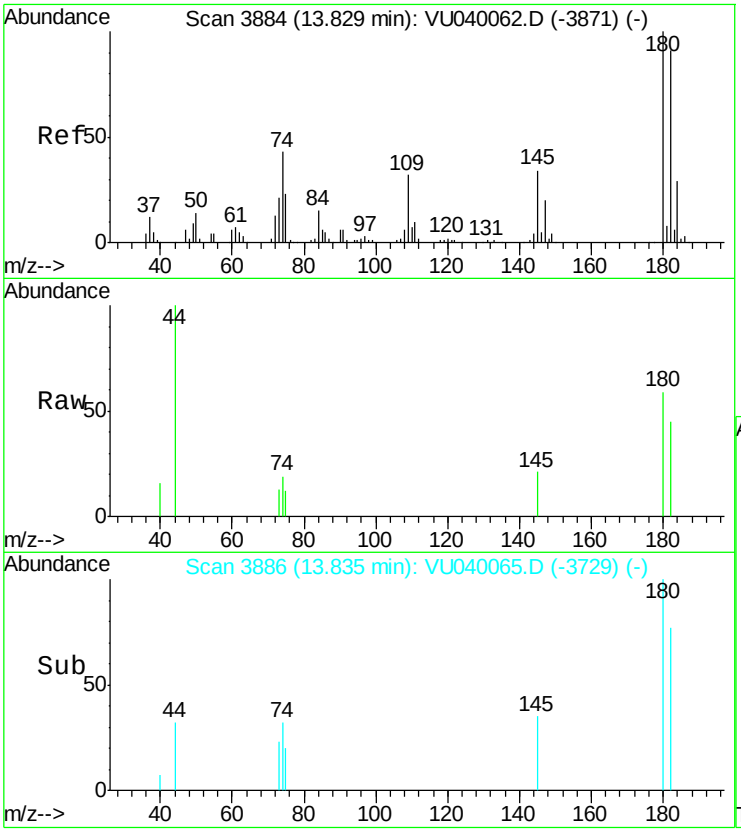




#85
1,2-Dichlorobenzene
Concen: 0.024 ug/l
RT: 12.21 min Scan# 3380
Delta R.T. 0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion:146 Resp: 401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 12.0 | 22.9 | 68.7# |
| 148 | 34.7 | 31.1 | 93.2 |



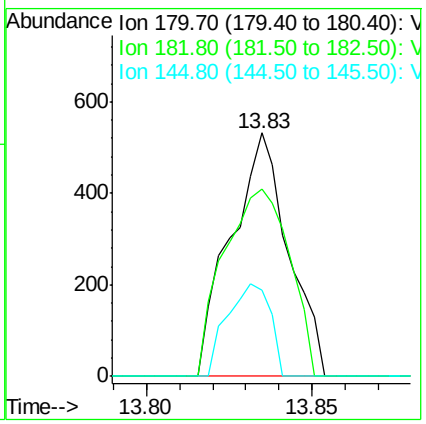


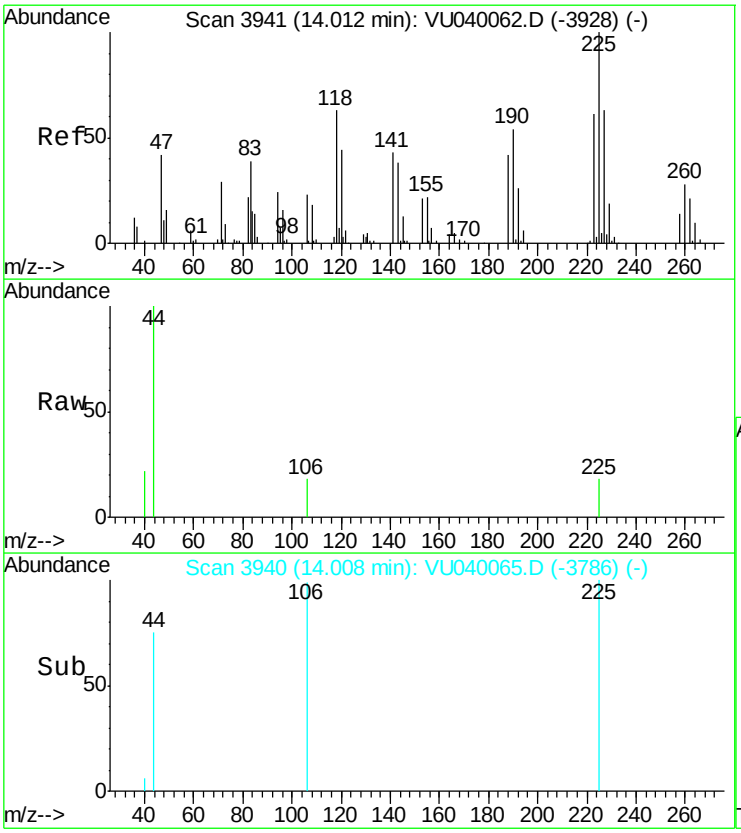

#87
1,2,4-Trichlorobenzene
Concen: 0.066 ug/l
RT: 13.83 min Scan# 3886
Delta R.T. 0.01 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0909WBL01

Tgt Ion:180 Resp: 643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 87.6 | 75.0 | 112.4 |
| 145 | 28.1 | 27.7 | 41.5 |

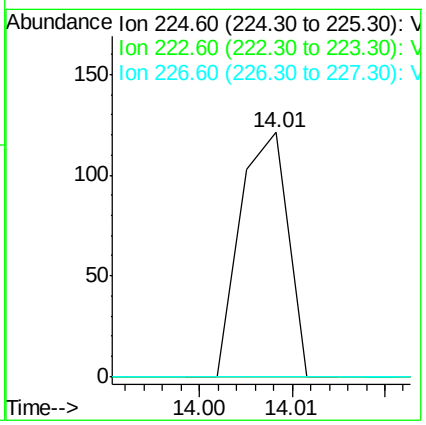


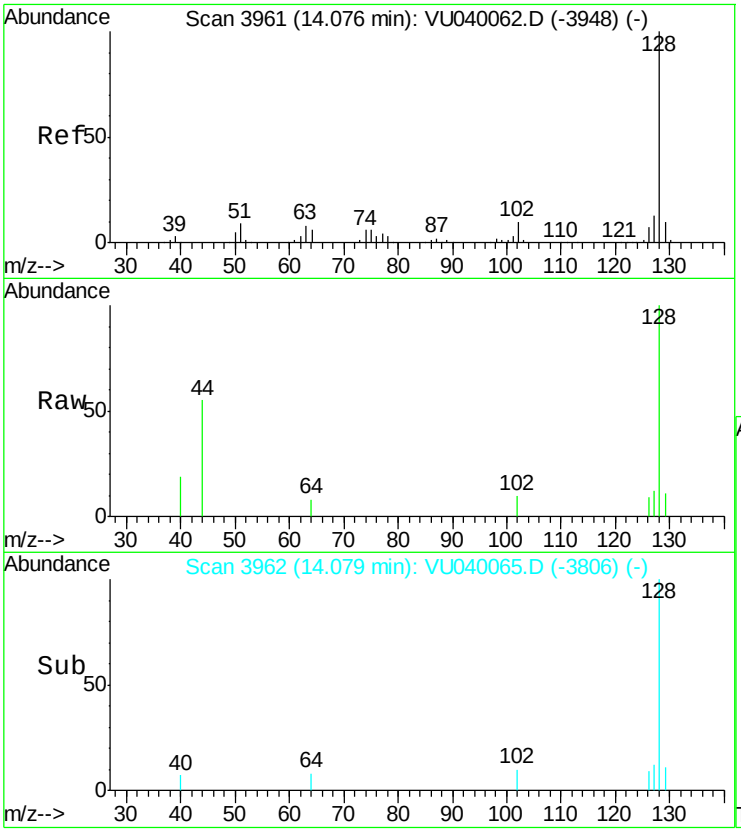




#88
Hexachlorobutadiene
Concen: 0.009 ug/l
RT: 14.01 min Scan# 3940
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion:225 Resp: 43

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 50.7 | 76.1# |
| 227 | 0.0 | 51.1 | 76.7# |



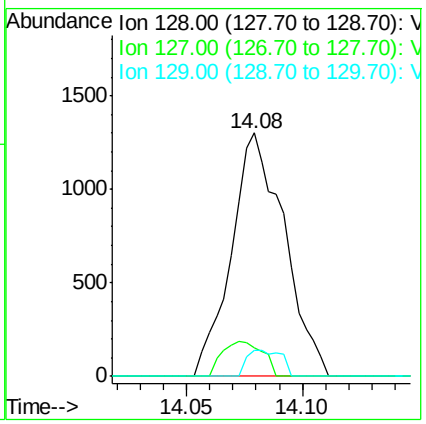


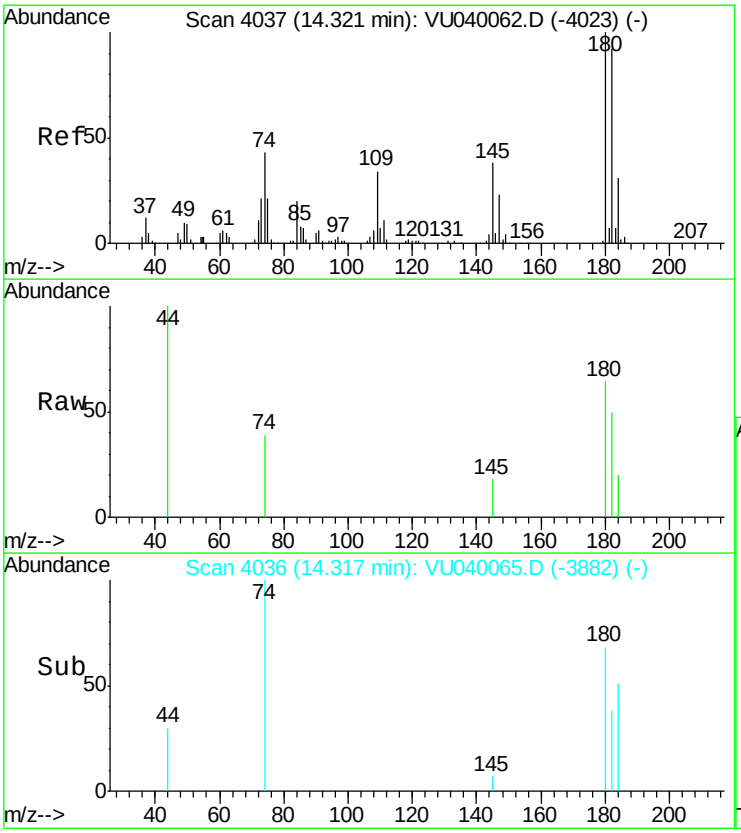

#89
Naphthalene
Concen: 0.633 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

**Instrument :** MSVOA_U
**ClientSampleId :** VU0909WBL01

Tgt Ion:128 Resp: 2055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 10.9 | 10.3 | 15.5 |
| 129 | 7.0 | 8.3 | 12.5# |




#90
1,2,3-Trichlorobenzene
Concen: 0.068 ug/l
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040065.D
Acq: 09 Sep 2020 14:58

Tgt Ion:180 Resp: 617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 90.9 | 76.0 | 114.0 |
| 145 | 8.3 | 30.6 | 45.8# |