Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093019\
Data File : VX012701.D
Acq On : 30 Sep 2019 13:35
Operator : JC/SP
Sample : K5081-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** FT-MW09I-20190925

Quant Time: Oct 01 03:46:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 174917 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 302001 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 252851 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 98130 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.05 | 65 | 123505 | 48.49 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.98% | | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 90389 | 50.26 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.52% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 353252 | 51.00 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.00% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 120998 | 44.43 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 88.86% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 778 | 0.344 | ug/l | # | 74 |
| 5) Bromomethane | 1.64 | 94 | 421 | 0.477 | ug/l | | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 1225 | 0.638 | ug/l | | 93 |
| 10) Methyl Iodide | 2.50 | 142 | 259 | 5.068 | ug/l | # | 59 |
| 11) Tert butyl alcohol | 3.02 | 59 | 1472 | 2.313 | ug/l | # | 83 |
| 13) Acrolein | 2.28 | 56 | 95 | 10.490 | ug/l | # | 1 |
| 14) Allyl chloride | 2.59 | 41 | 6585 | 1.765 | ug/l | # | 60 |
| 16) Acetone | 2.43 | 43 | 11641 | 8.628 | ug/l | | 97 |
| 18) Methyl Acetate | 2.59 | 43 | 17541 | 5.522 | ug/l | # | 54 |
| 24) 1,1-Dichloroethane | 3.69 | 63 | 5586 | 1.425 | ug/l | | 98 |
| 31) Cyclohexane | 5.65 | 56 | 3911 | 1.103 | ug/l | # | 1 |
| 32) 1,1,1-Trichloroethane | 5.48 | 97 | 11843 | 3.333 | ug/l | | 98 |
| 36) 1,1-Dichloropropene | 5.65 | 75 | 15132 | 5.198 | ug/l | # | 52 |
| 38) Carbon Tetrachloride | 5.65 | 117 | 18657 | 6.309 | ug/l | # | 16 |
| 44) Trichloroethene | 7.21 | 130 | 1409 | 0.644 | ug/l | | 99 |
| 51) 4-Methyl-2-Pentanone | 8.71 | 43 | 1811 | 0.515 | ug/l | # | 1 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 61082 | 23.531 | ug/l | # | 38 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 61082 | 67.435 | ug/l | # | 8 |

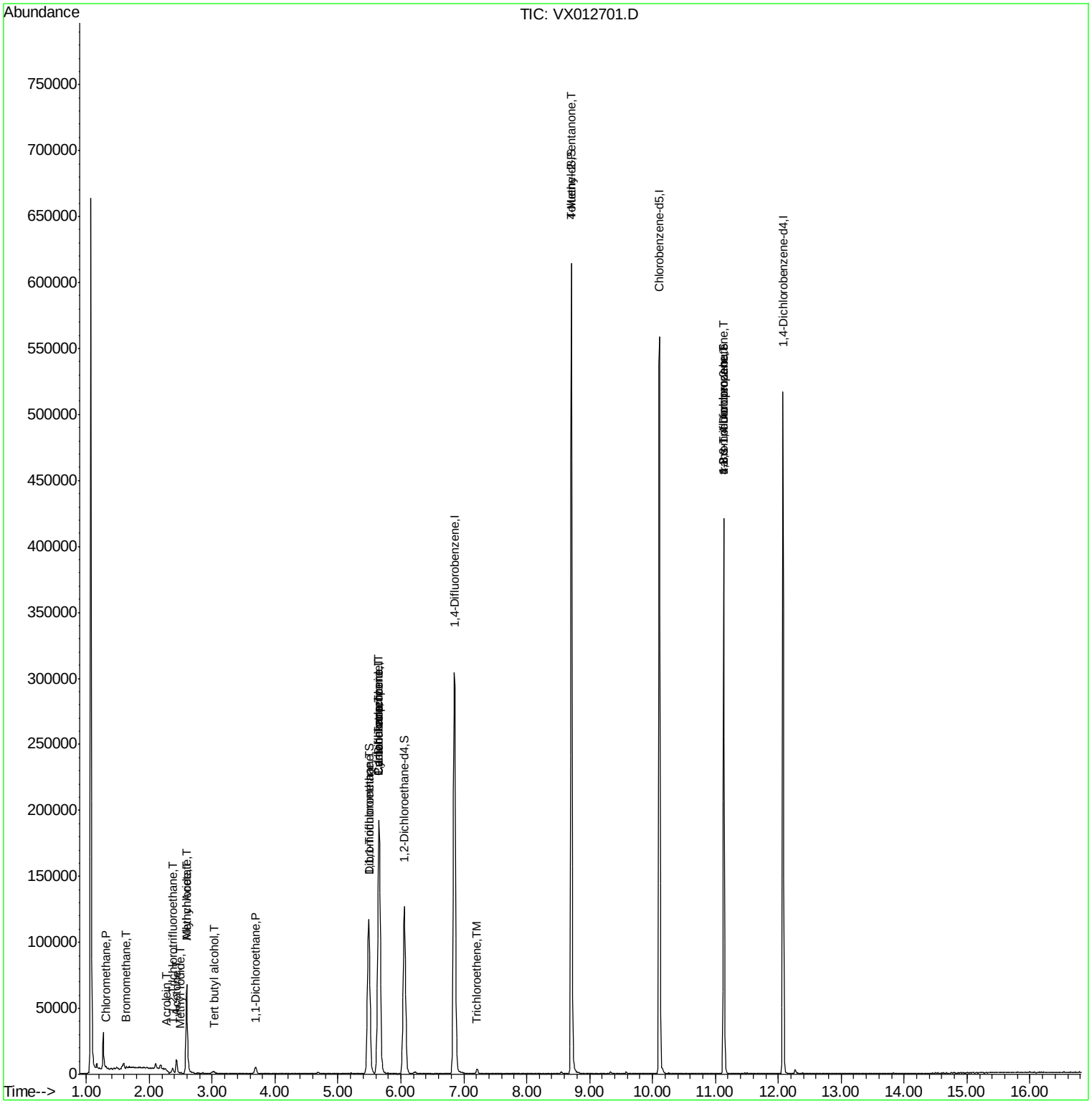
(#) = qualifier out of range (m) = manual integration (+) = signals summed

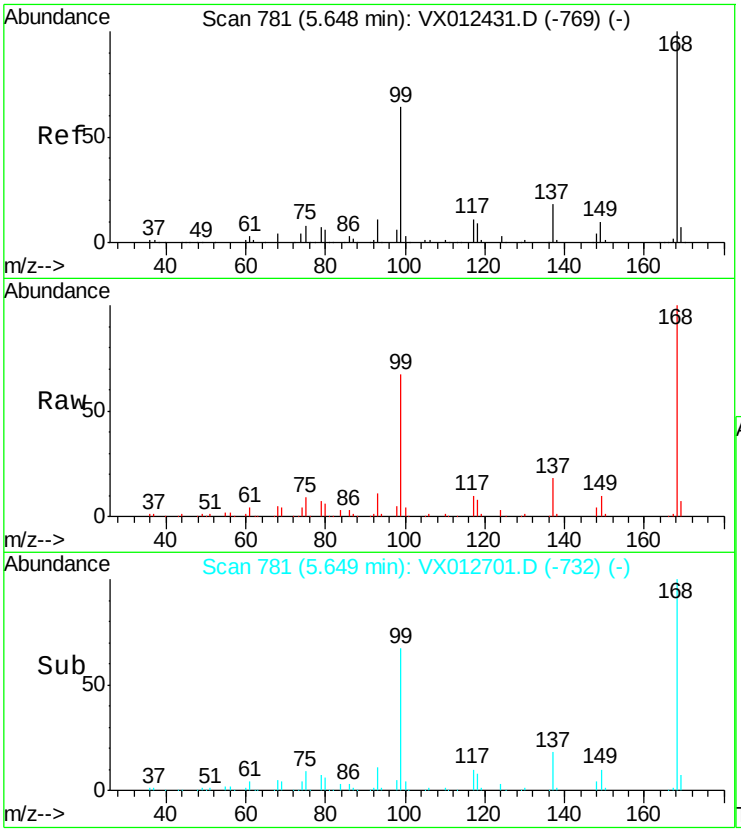
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093019\
Data File : VX012701.D
Acq On : 30 Sep 2019 13:35
Operator : JC/SP
Sample : K5081-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Quant Time: Oct 01 03:46:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration



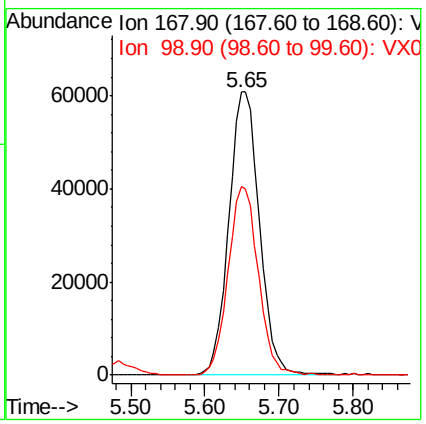


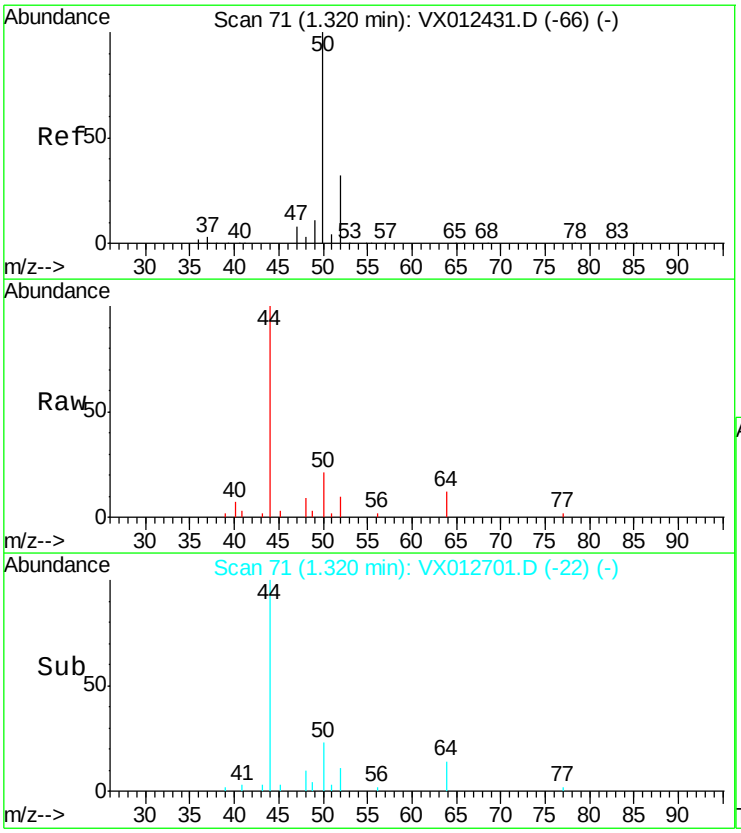

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion:168 Resp: 174917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 66.8 | 51.4 | 77.2 |

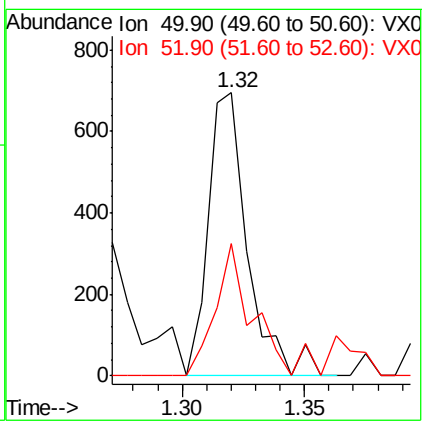


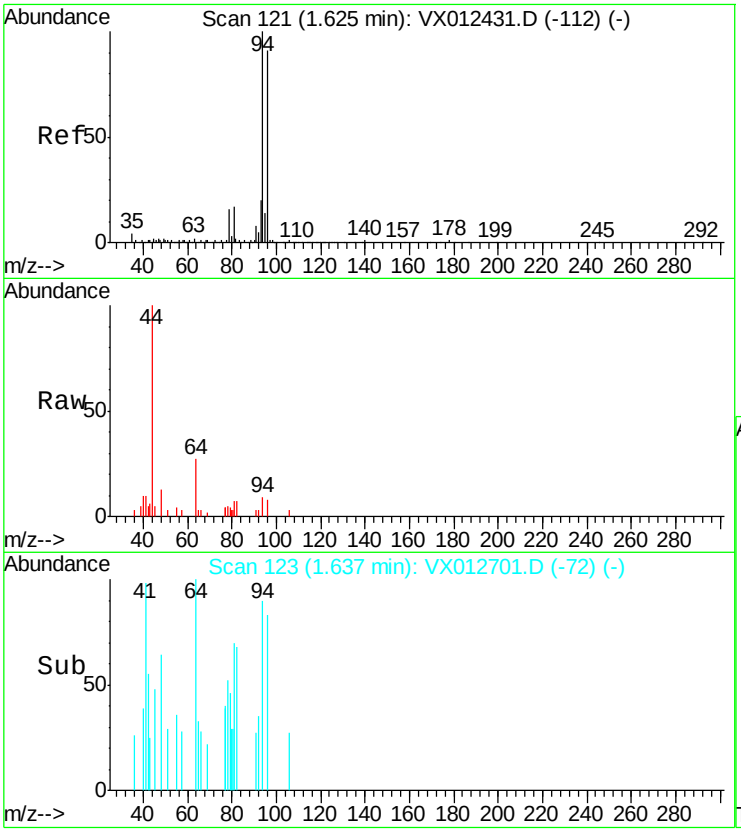




#3
Chloromethane
Concen: 0.344 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 50 Resp: 778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 46.8 | 25.7 | 38.5# |



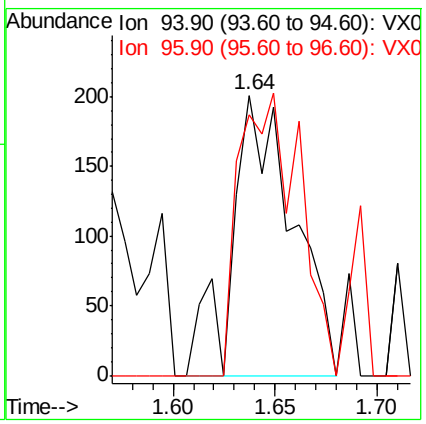


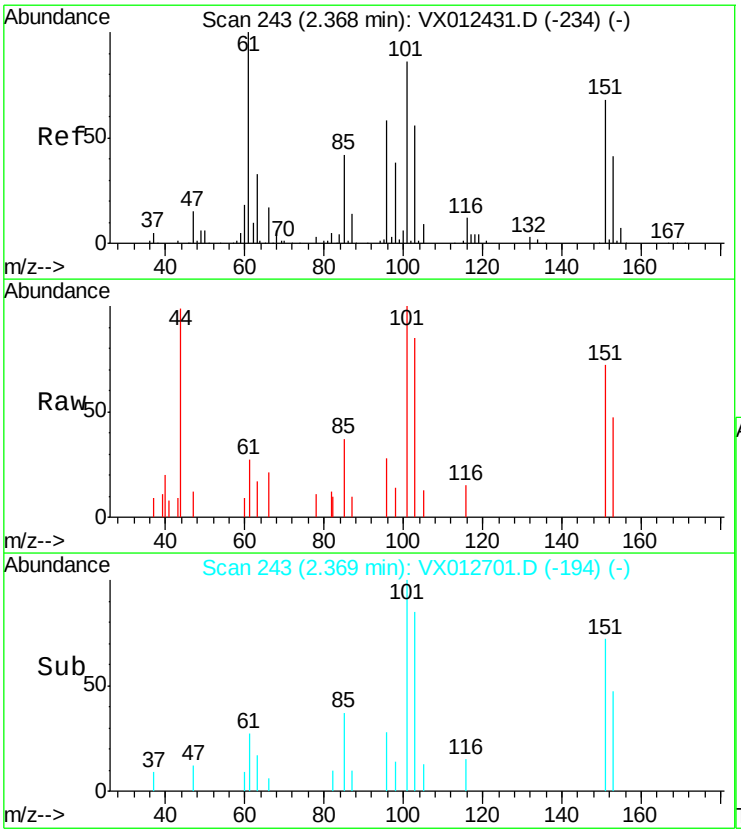

#5
Bromomethane
Concen: 0.477 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion: 94 Resp: 421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.0 | 72.8 | 109.2 |

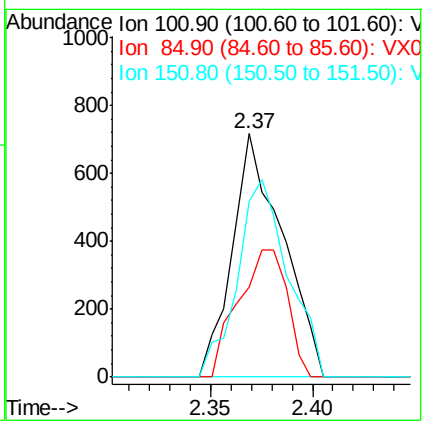


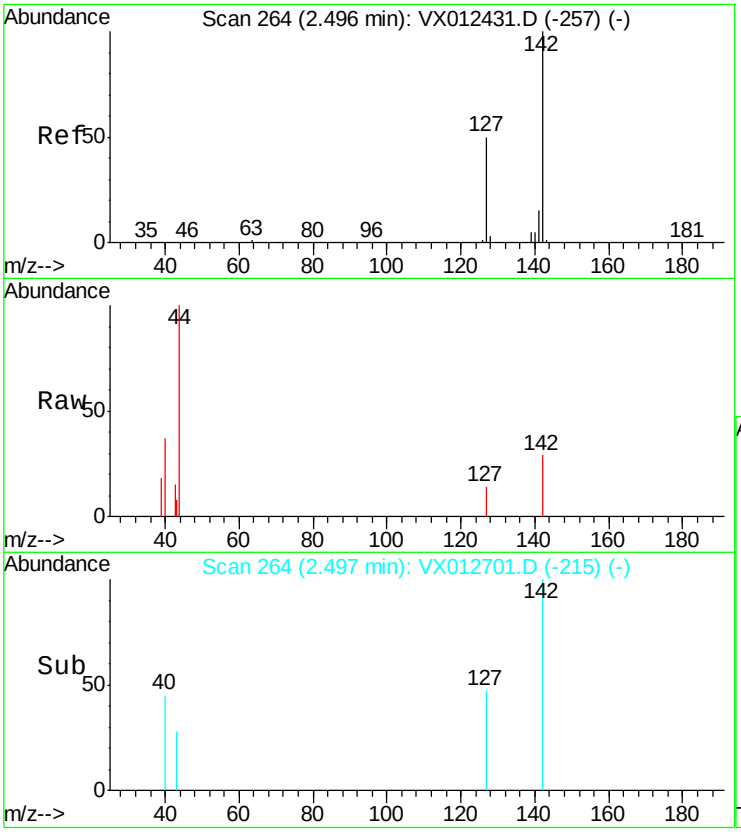




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.638 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion:101 Resp: 1225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 51.3 | 37.3 | 55.9 |
| 151 | 82.2 | 61.0 | 91.4 |



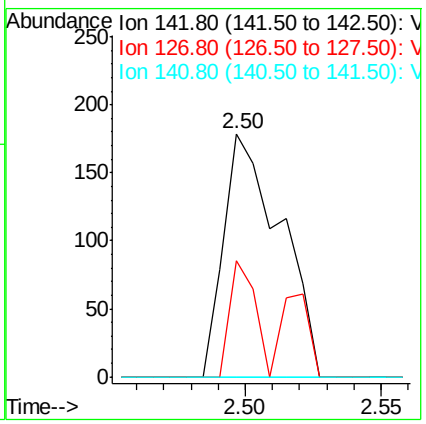


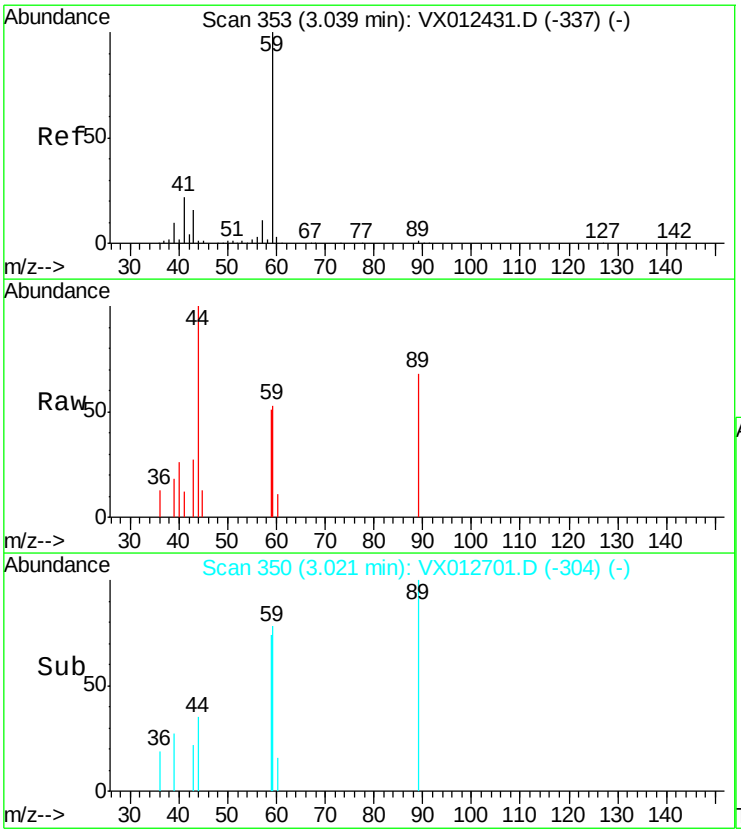

#10
Methyl Iodide
Concen: 5.068 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion:142 Resp: 259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 21.2 | 40.8 | 61.2# |
| 141 | 0.0 | 12.1 | 18.1# |

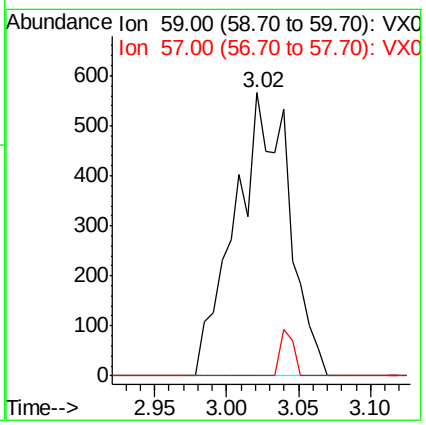


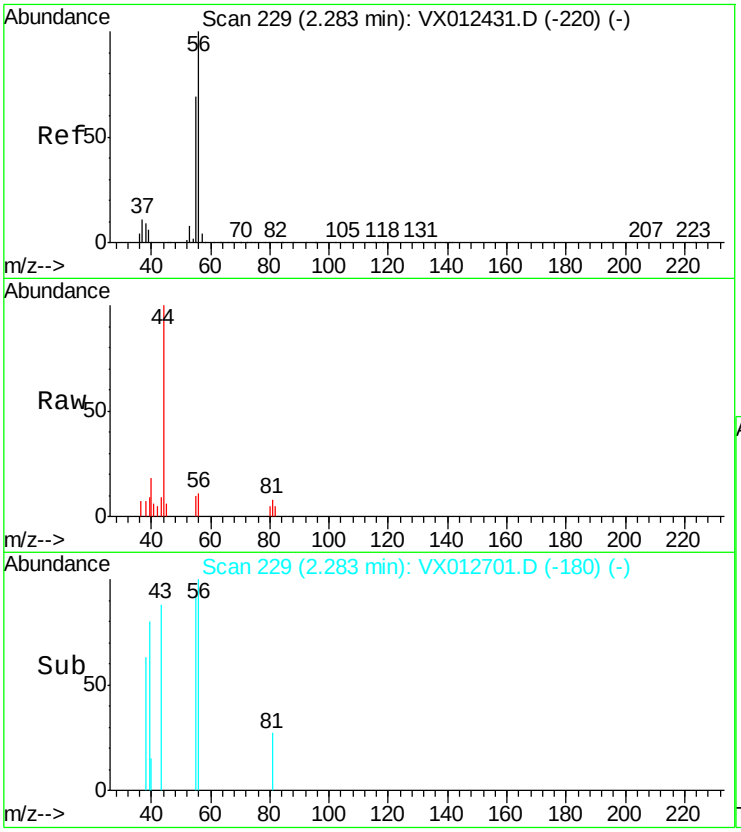




#11
Tert butyl alcohol
Concen: 2.313 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 59 Resp: 1472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 4.0 | 8.3 | 12.5# |



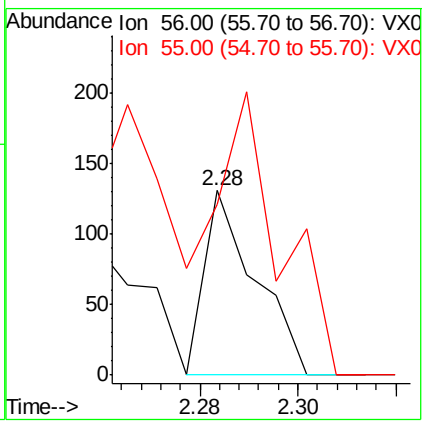


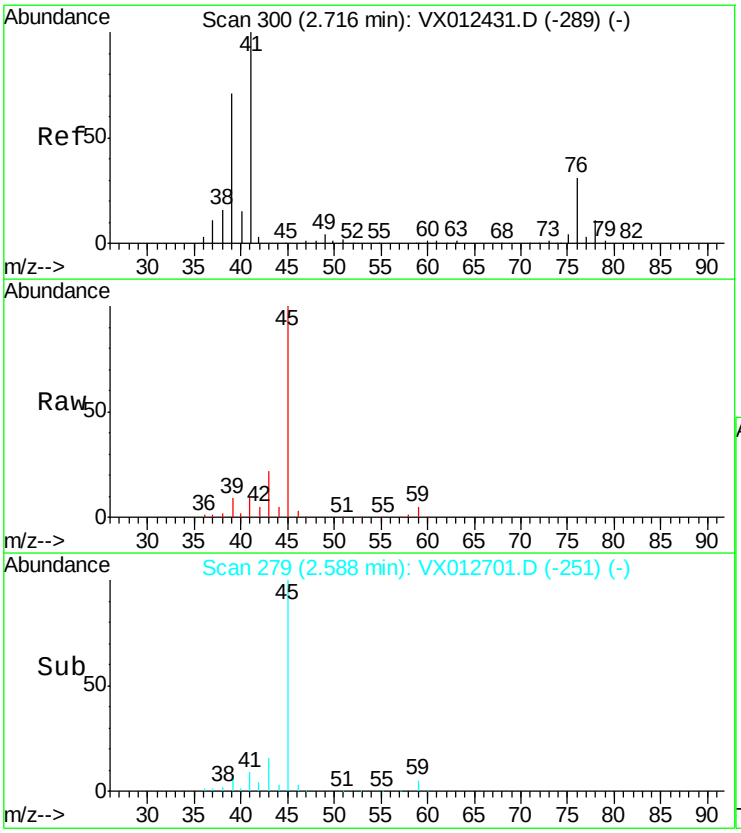

#13
Acrolein
Concen: 10.490 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion: 56 Resp: 95

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 189.5 | 55.8 | 83.8# |

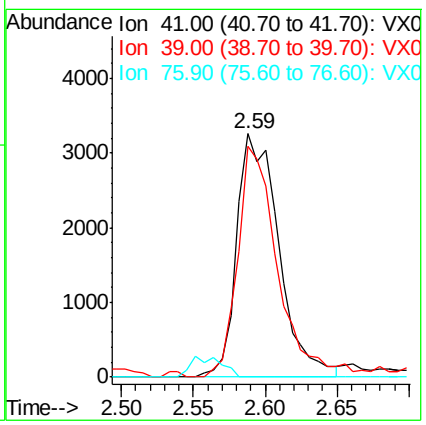


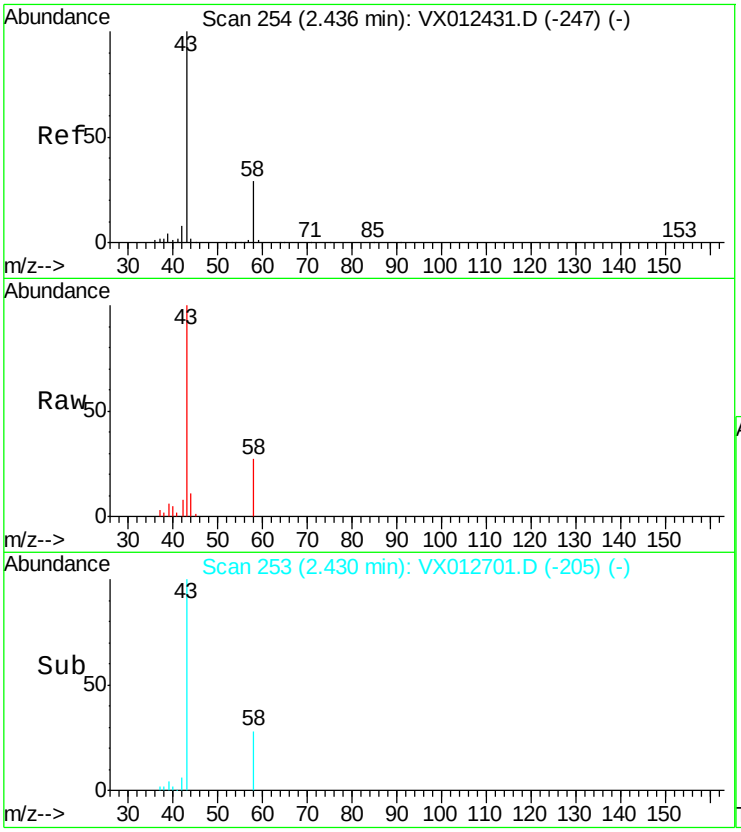




#14
Allyl chloride
Concen: 1.765 ug/l
RT: 2.59 min Scan# 279
Delta R.T. -0.13 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 41 Resp: 6585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 91.0 | 51.3 | 76.9# |
| 76 | 0.0 | 22.6 | 33.8# |



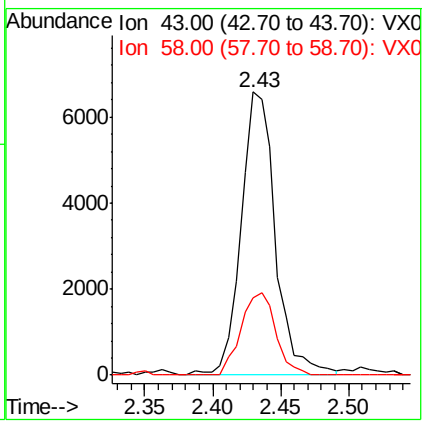


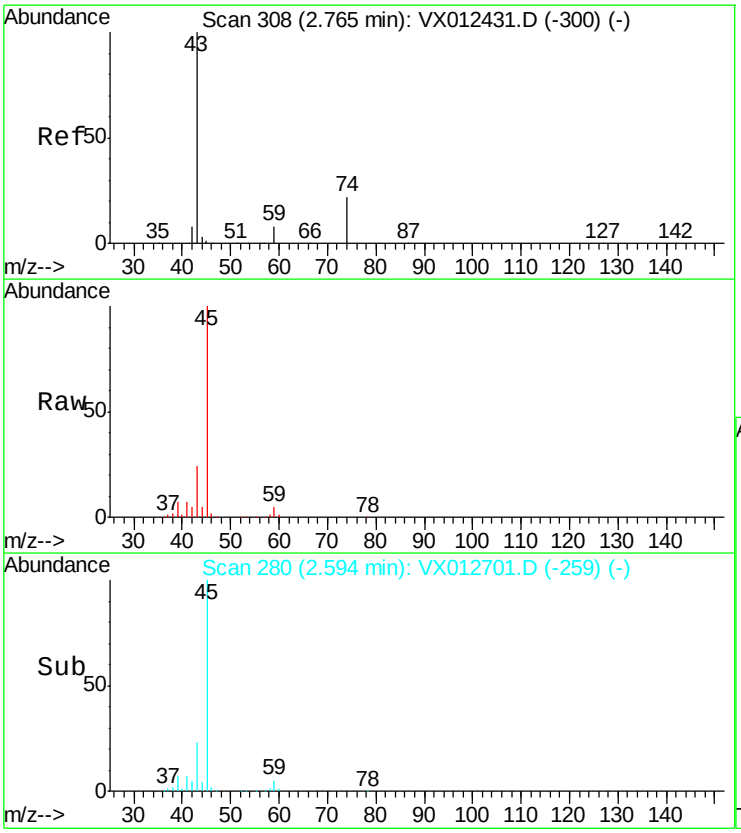

#16
Acetone
Concen: 8.628 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion: 43 Resp: 11641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.3 | 23.3 | 34.9 |

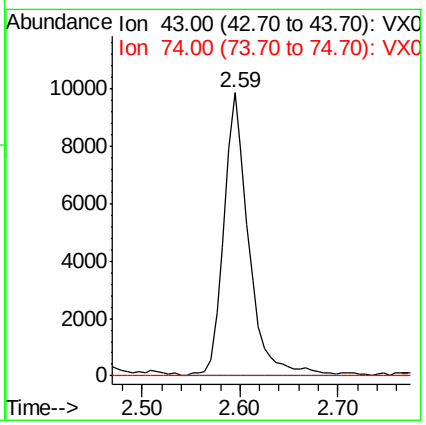


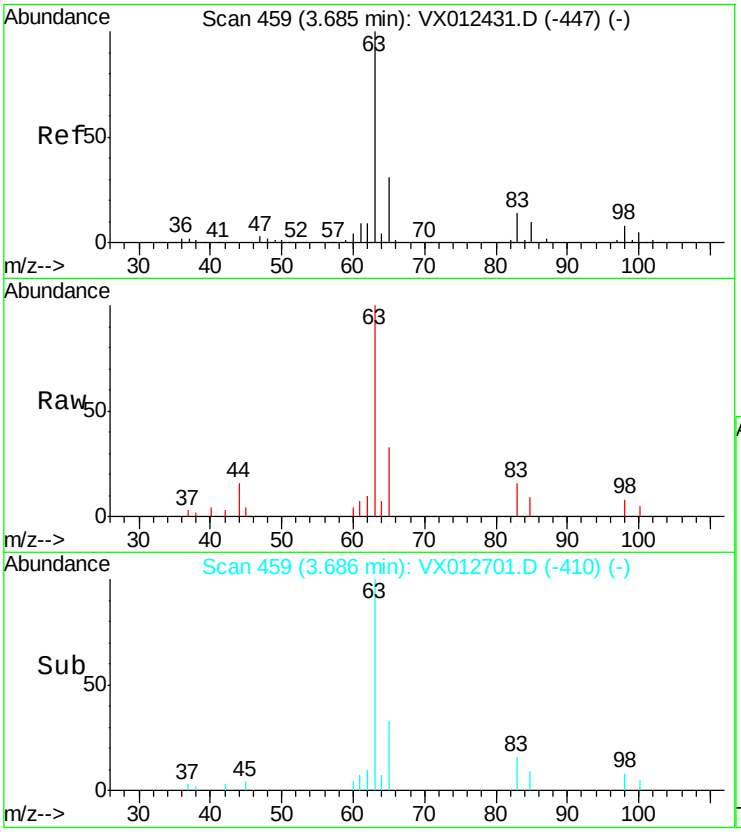




#18
Methyl Acetate
Concen: 5.522 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 43 Resp: 17541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 17.7 | 26.5# |



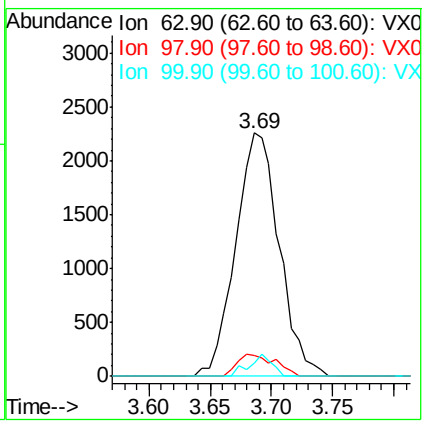


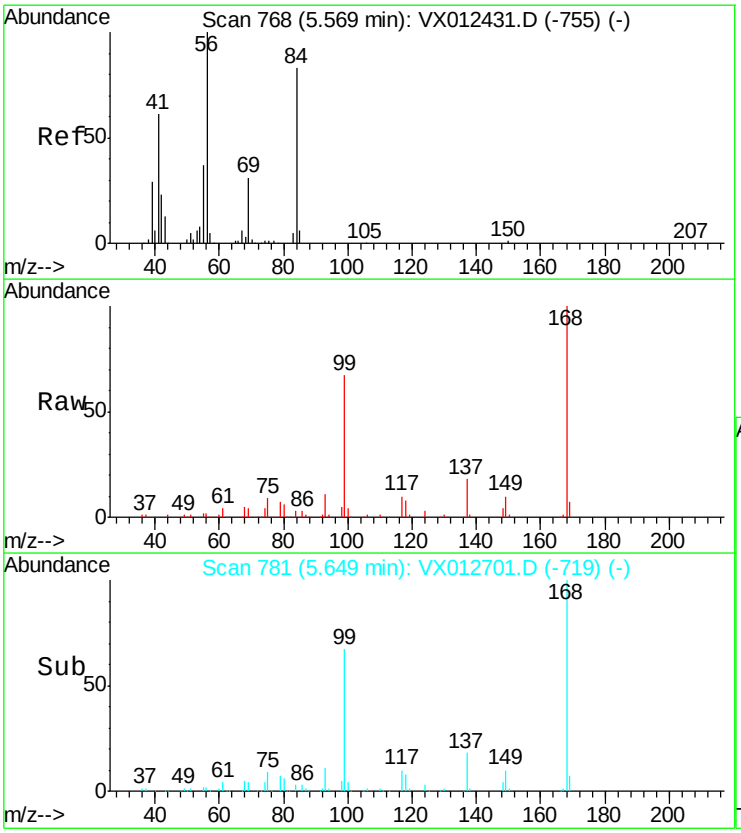

#24
1,1-Dichloroethane
Concen: 1.425 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion: 63 Resp: 5586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 8.5 | 3.9 | 11.7 |
| 100 | 5.3 | 2.3 | 6.9 |

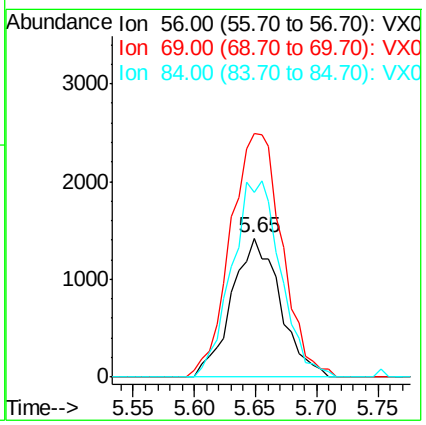


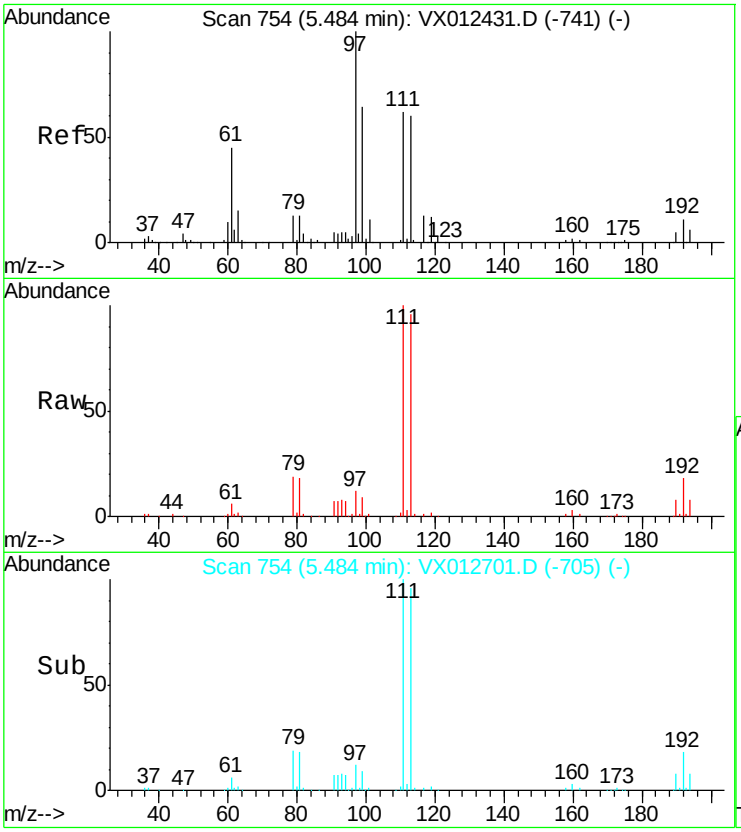




#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 56 Resp: 3911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 175.0 | 25.0 | 37.6# |
| 84 | 133.0 | 66.4 | 99.6# |



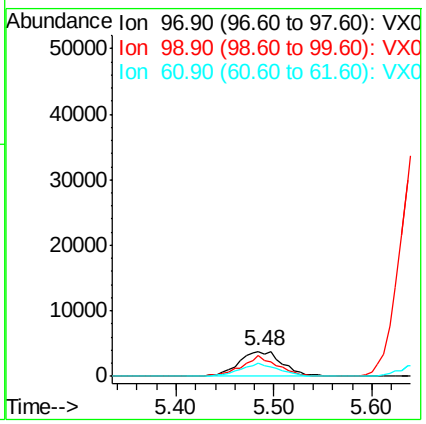


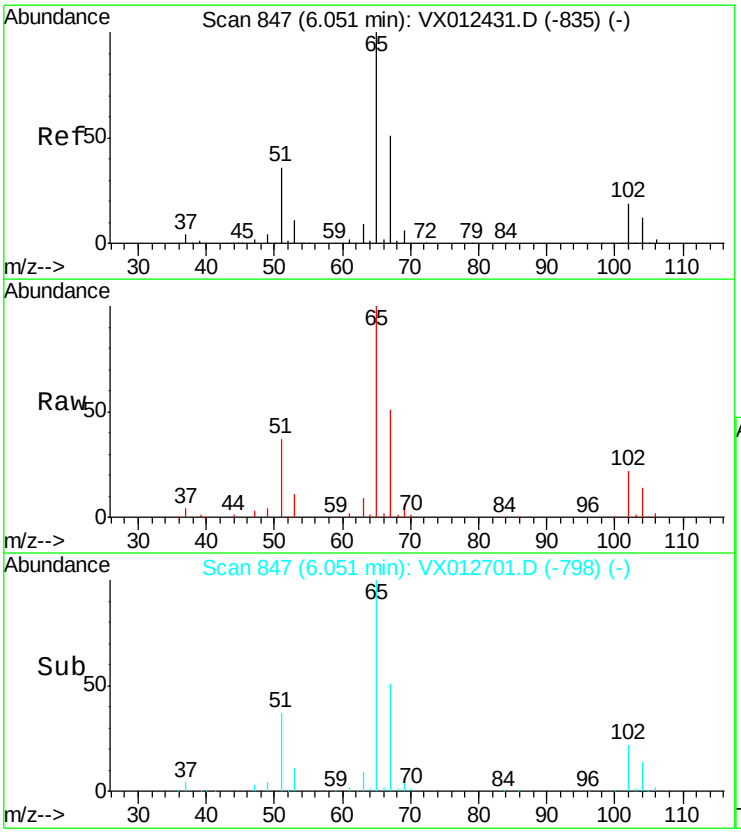

#32
1,1,1-Trichloroethane
Concen: 3.333 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion: 97 Resp: 11843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 66.5 | 51.3 | 76.9 |
| 61 | 46.1 | 36.1 | 54.1 |

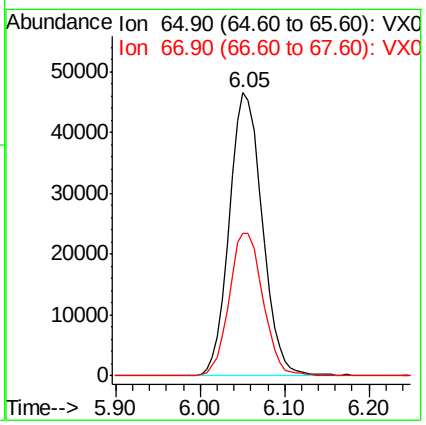


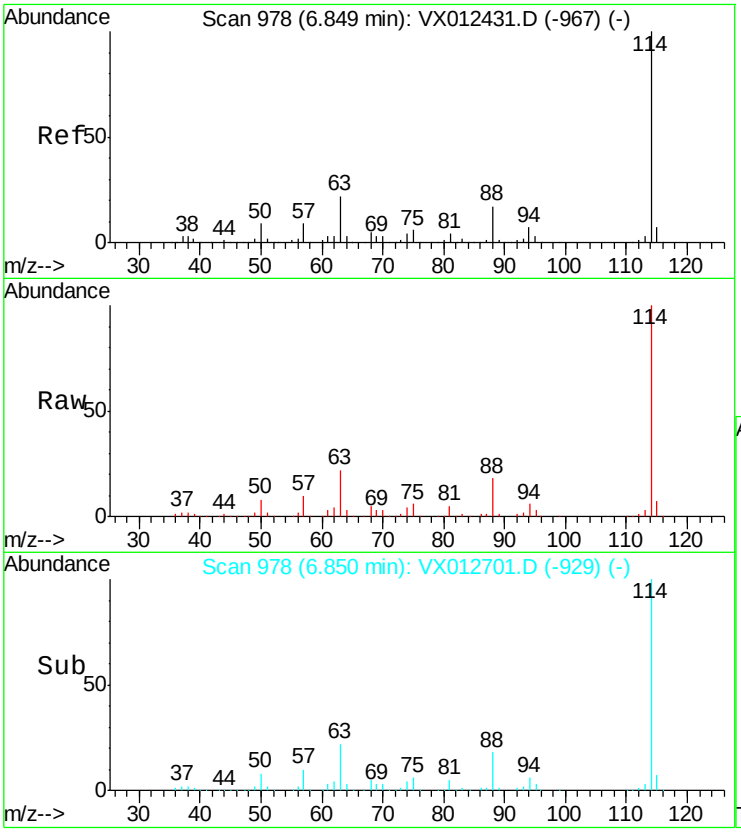




#33
1,2-Dichloroethane-d4
Concen: 48.488 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 65 Resp: 123505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.4 | 0.0 | 101.2 |



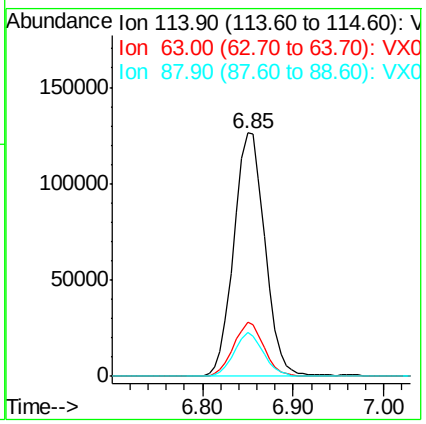


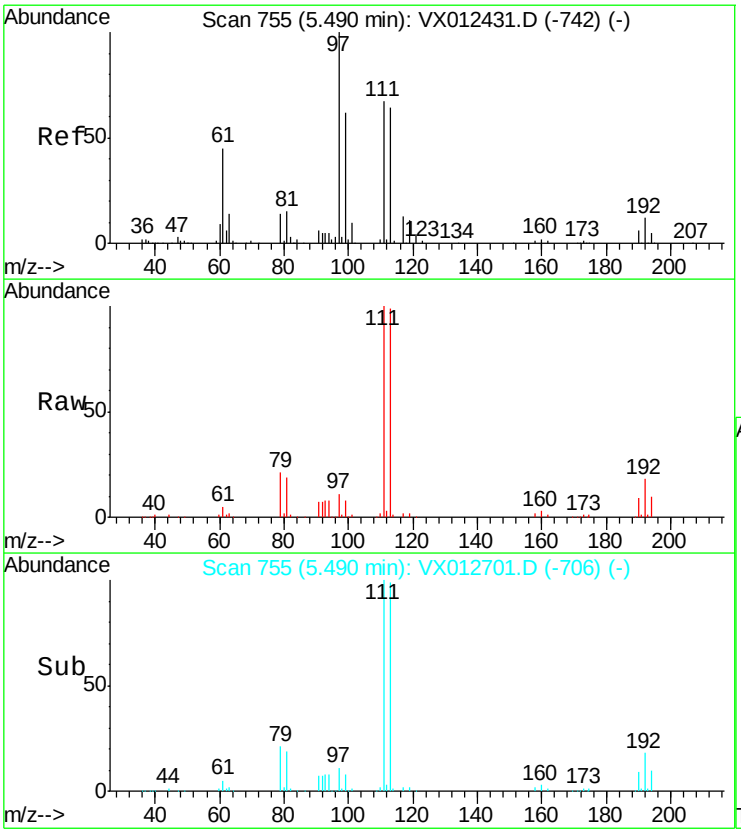

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion:114 Resp: 302001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.4 | 0.0 | 43.2 |
| 88 | 18.2 | 0.0 | 33.2 |

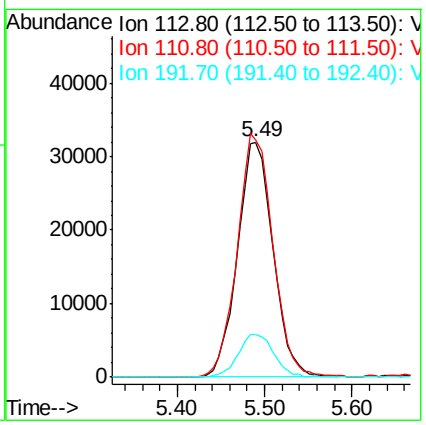


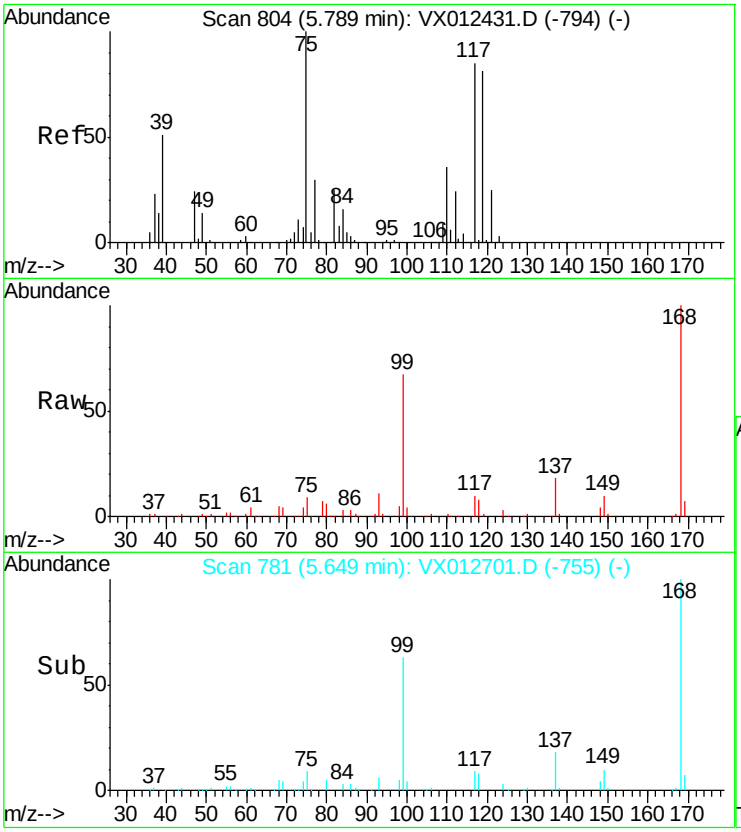




#35
Dibromofluoromethane
Concen: 50.257 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion:113 Resp: 90389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.0 | 83.4 | 125.2 |
| 192 | 18.2 | 14.4 | 21.6 |



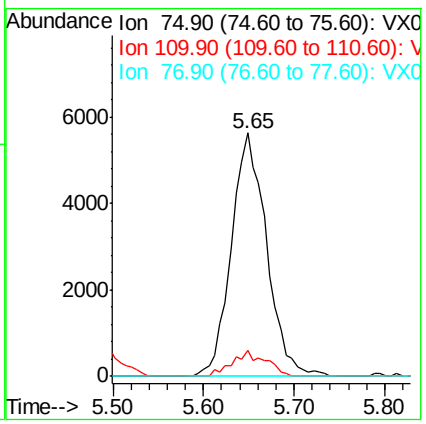


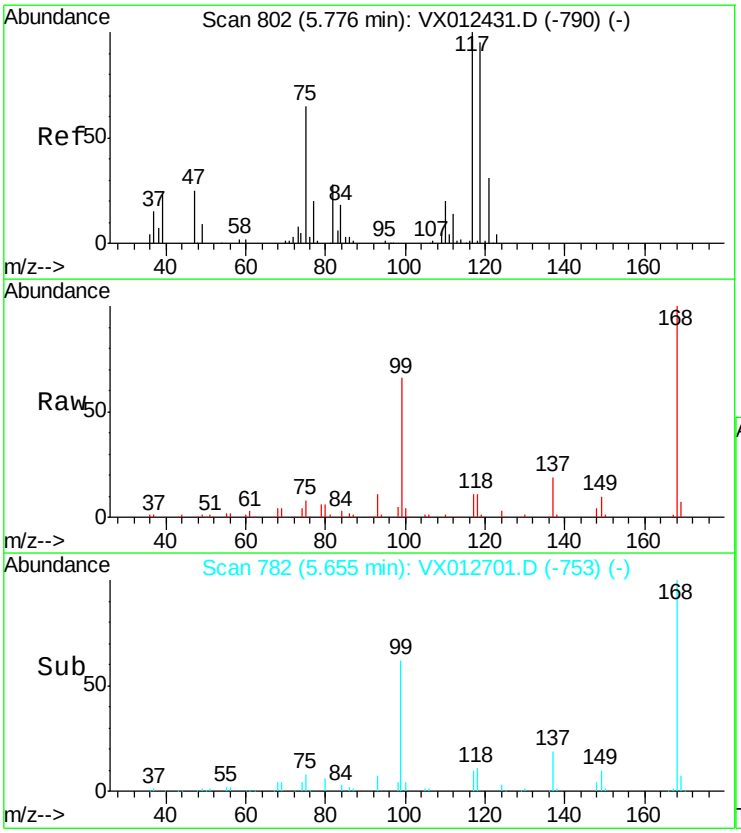

#36
1,1-Dichloropropene
Concen: 5.198 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion: 75 Resp: 15132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.1 | 16.7 | 50.0# |
| 77 | 0.0 | 24.2 | 36.2# |

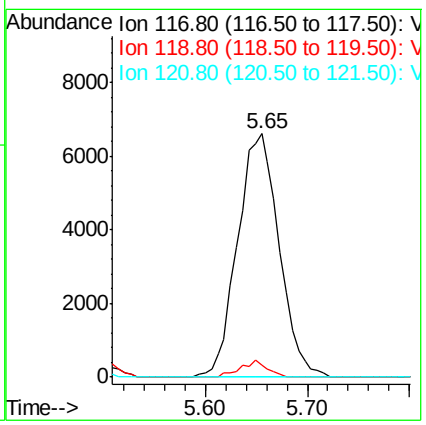


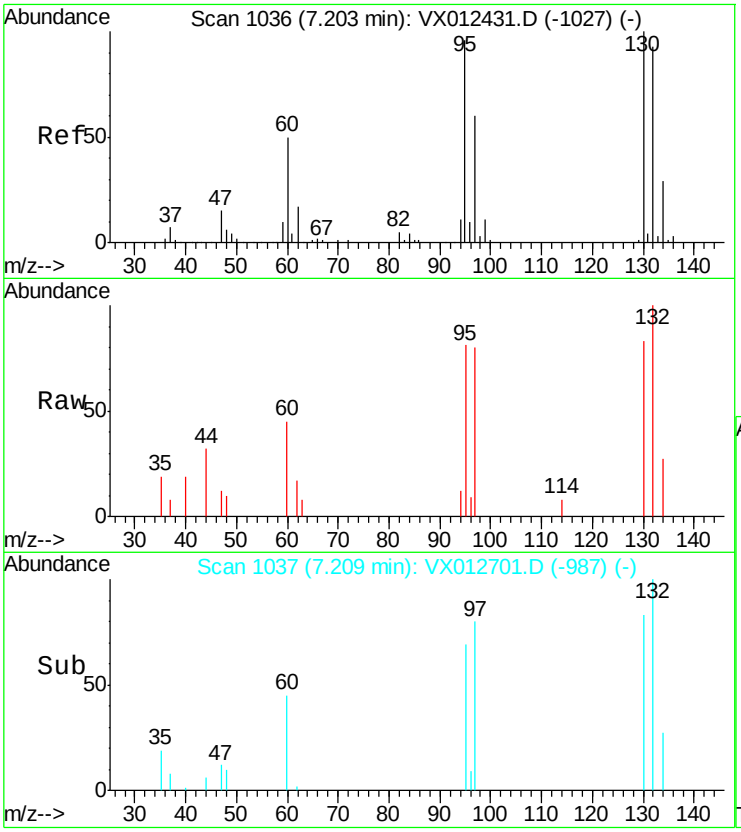




#38
Carbon Tetrachloride
Concen: 6.309 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion:117 Resp: 18657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.0 | 75.7 | 113.5# |
| 121 | 0.0 | 24.2 | 36.4# |



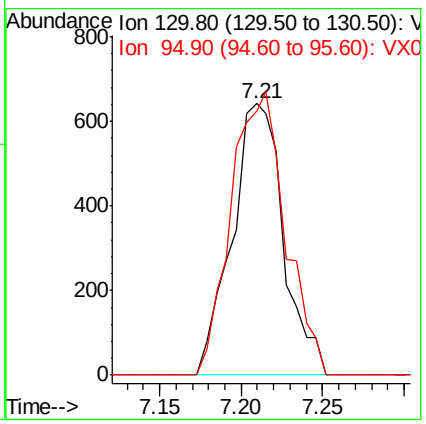


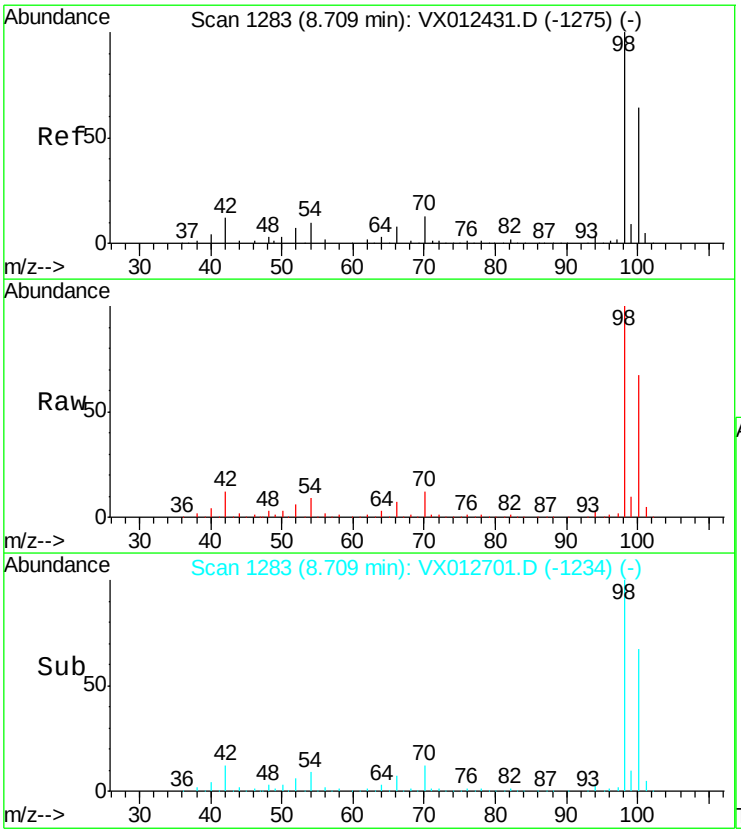

#44
Trichloroethene
Concen: 0.644 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion:130 Resp: 1409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 97.5 | 0.0 | 193.0 |

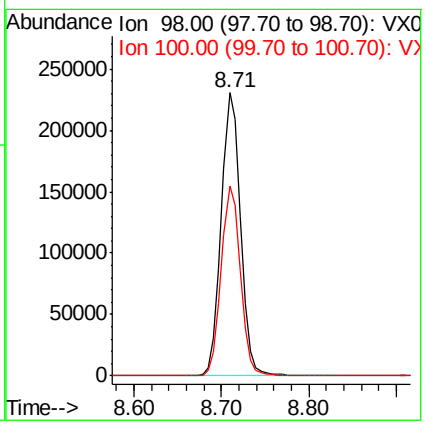


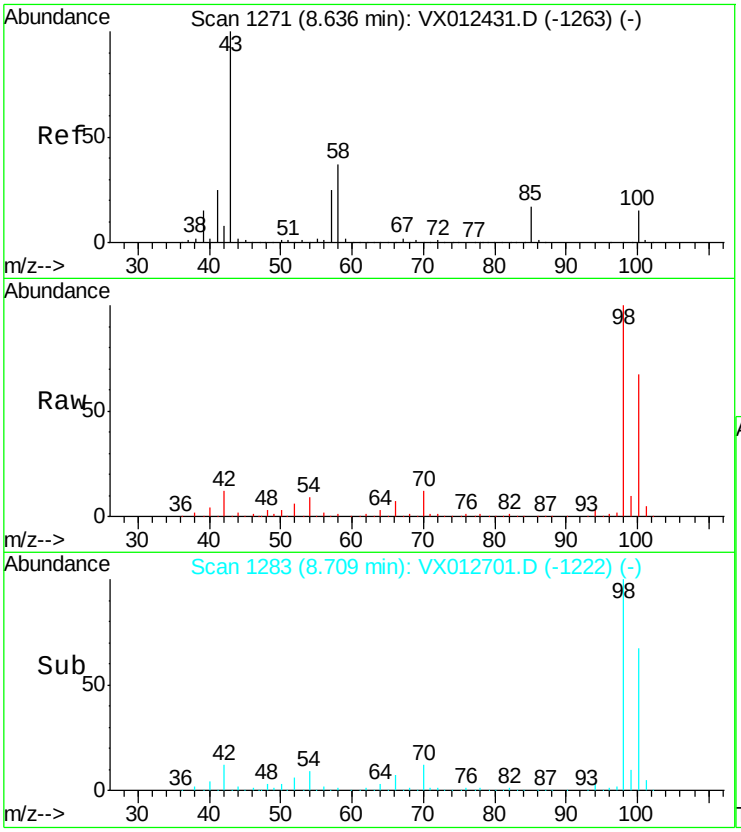




#50
Toluene-d8
Concen: 51.001 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 98 Resp: 353252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.8 | 53.4 | 80.2 |



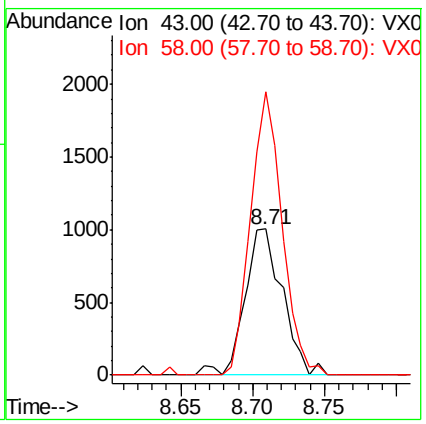


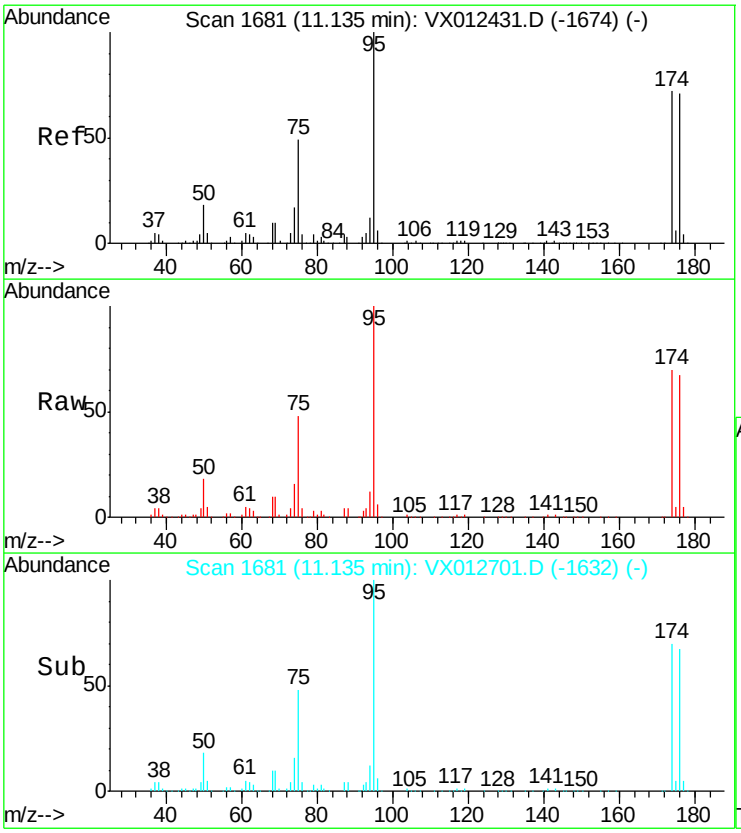

#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion: 43 Resp: 1811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 162.9 | 29.8 | 44.6# |

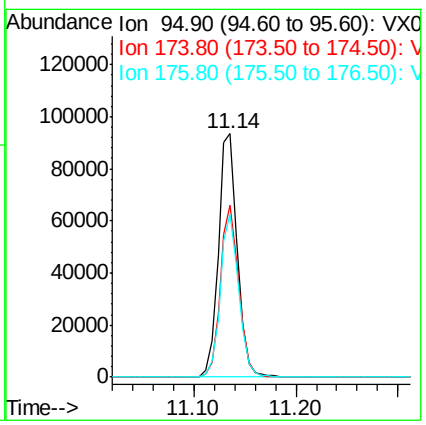


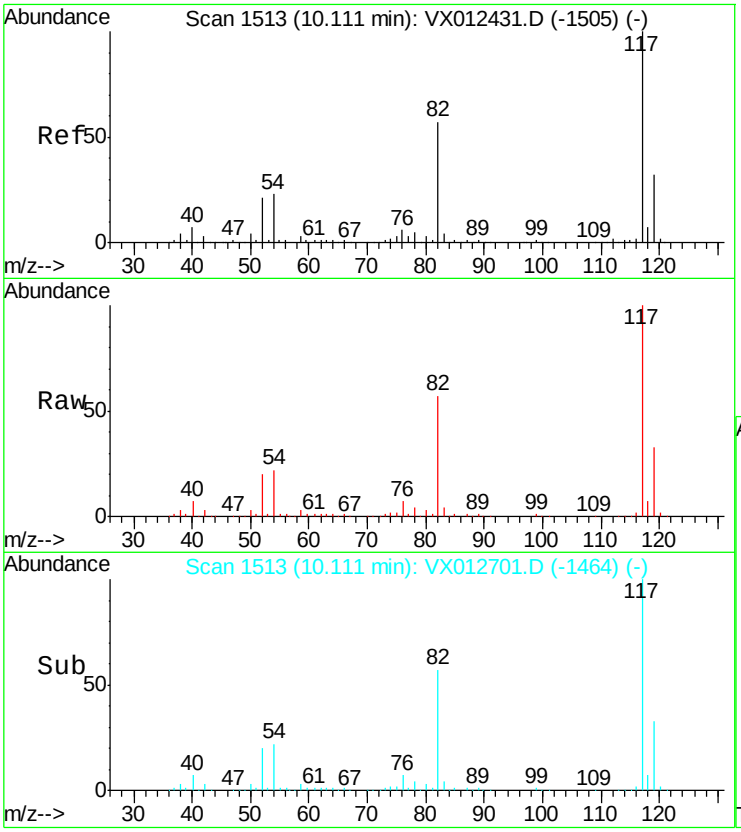




#62
4-Bromofluorobenzene
Concen: 44.428 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 95 Resp: 120998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 68.5 | 0.0 | 140.0 |
| 176 | 64.7 | 0.0 | 135.4 |



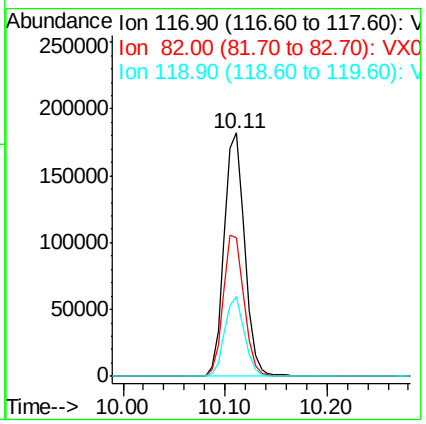


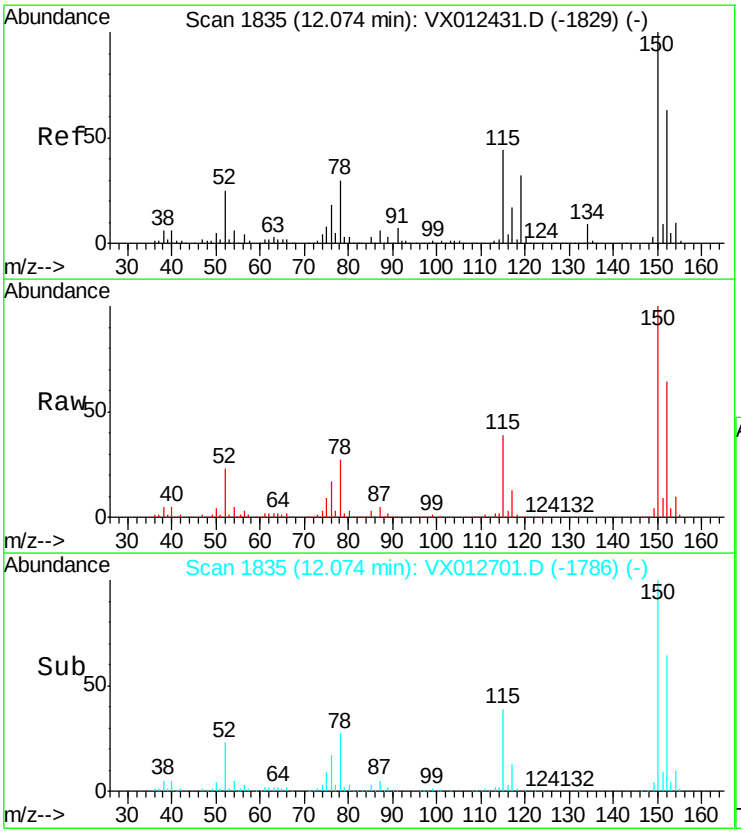

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion:117 Resp: 252851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.1 | 45.9 | 68.9 |
| 119 | 33.0 | 25.3 | 37.9 |

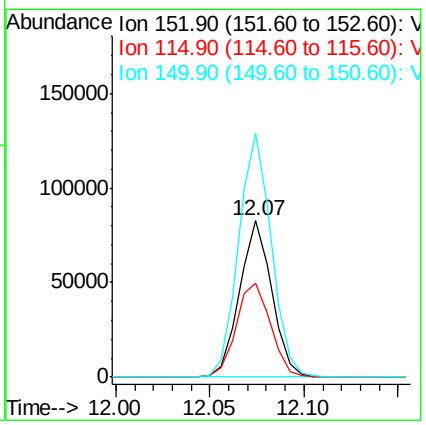


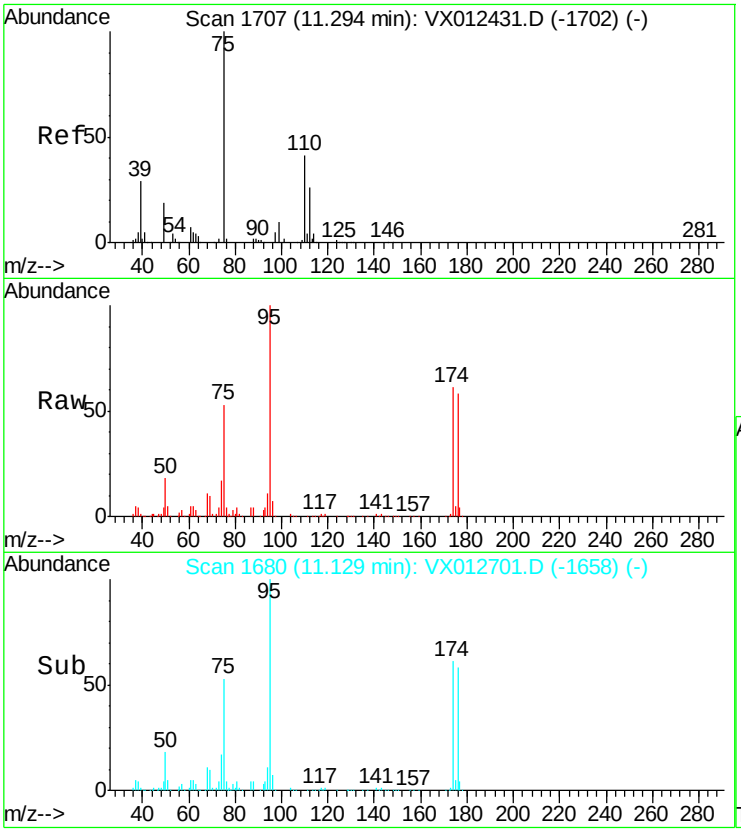




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion:152 Resp: 98130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 64.2 | 44.1 | 132.3 |
| 150 | 158.5 | 0.0 | 343.8 |



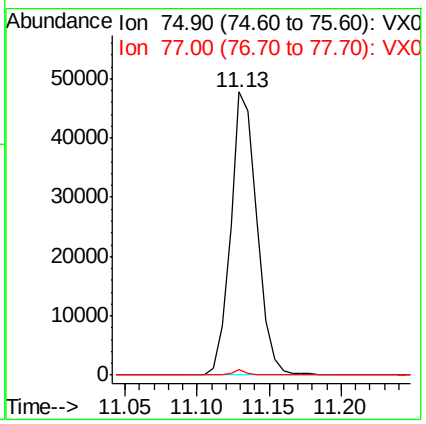


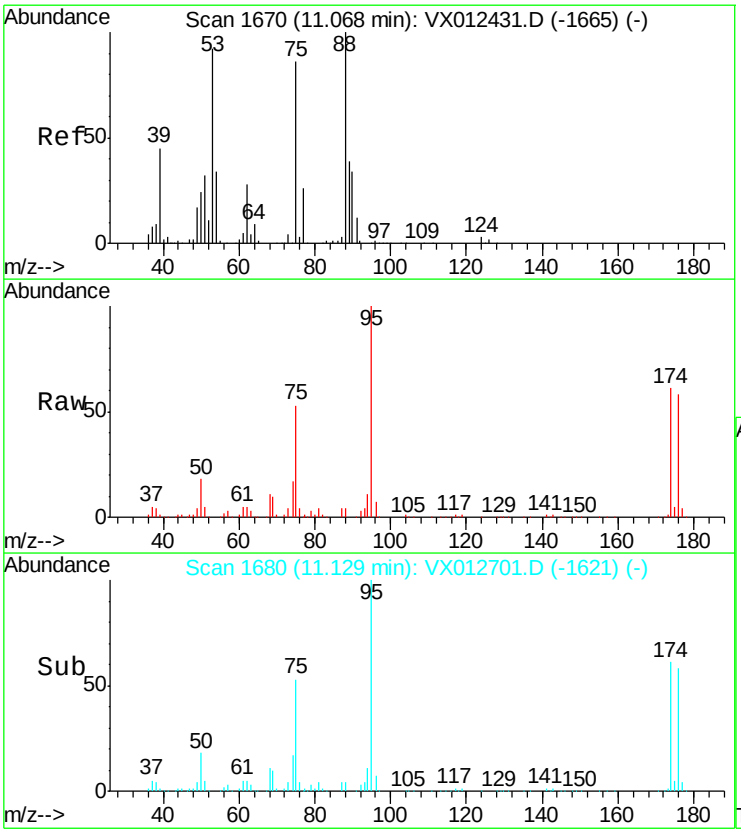

#76
1,2,3-Trichloropropane
Concen: 23.531 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
FT-MW09I-20190925

Tgt Ion: 75 Resp: 61082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 19.7 | 59.0# |




#81
trans-1,4-Dichloro-2-butene
Concen: 67.435 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 75 Resp: 61082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 83.6 | 125.4# |
| 89 | 0.0 | 36.3 | 54.5# |