Quantitation Report (QT/LSC 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 04:18:32 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 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 1225 | 0.638 | ug/l | 93 |
| 16) Acetone | 2.43 | 43 | 11641 | 8.628 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 3.69 | 63 | 5586 | 1.425 | ug/l | 98 |
| 32) 1,1,1-Trichloroethane | 5.48 | 97 | 11843 | 3.333 | ug/l | 98 |
| 44) Trichloroethene | 7.21 | 130 | 1409 | 0.644 | ug/l | 99 |

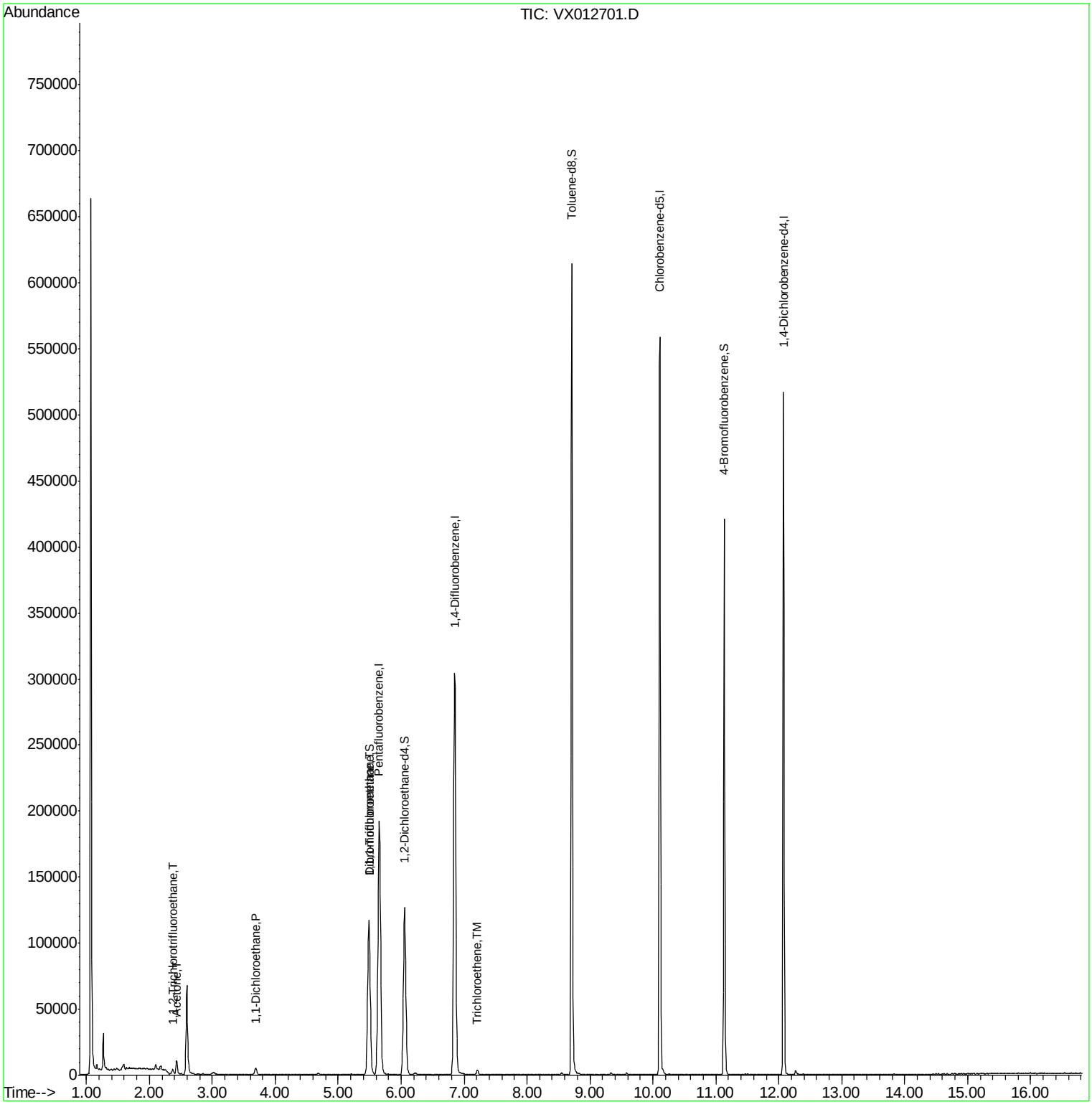
(#) = qualifier out of range (m) = manual integration (+) = signals summed

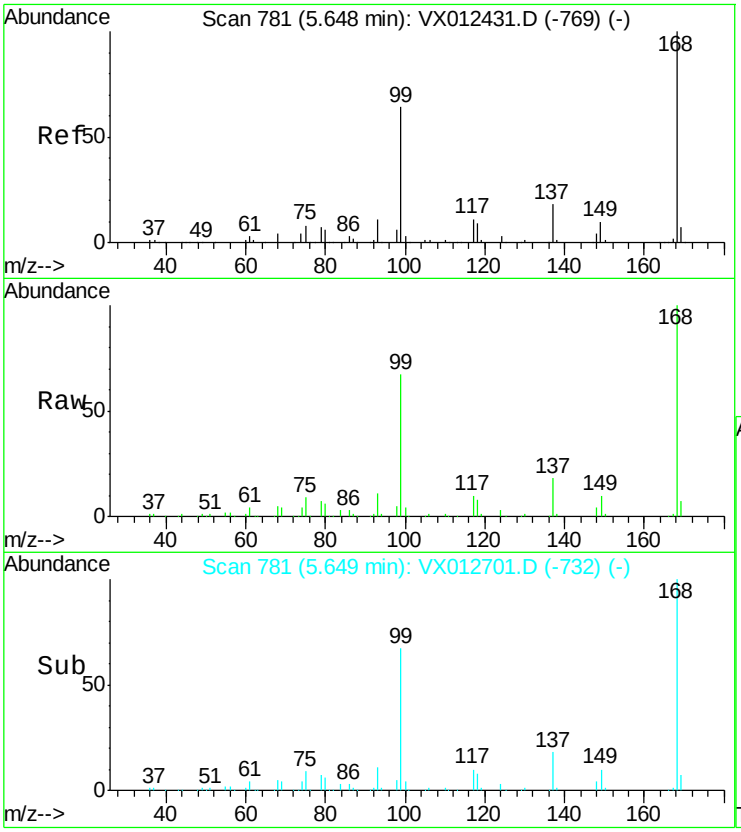
Quantitation Report (QT/LSC Reviewed)

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 04:18:32 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



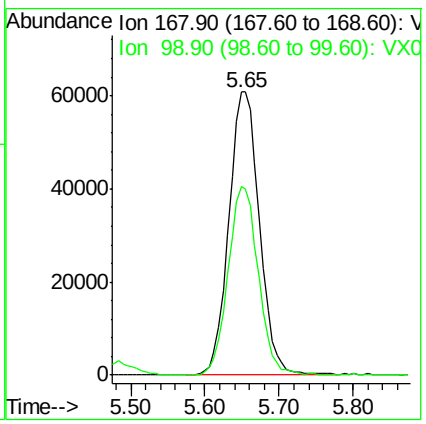


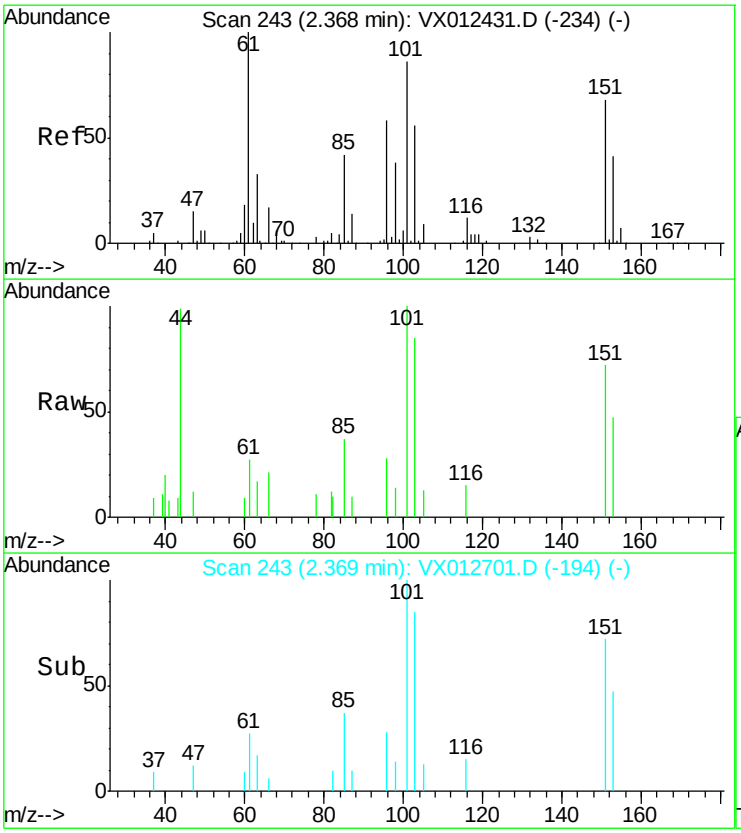

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**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 |

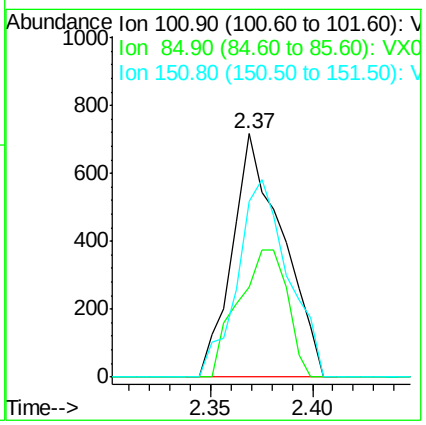


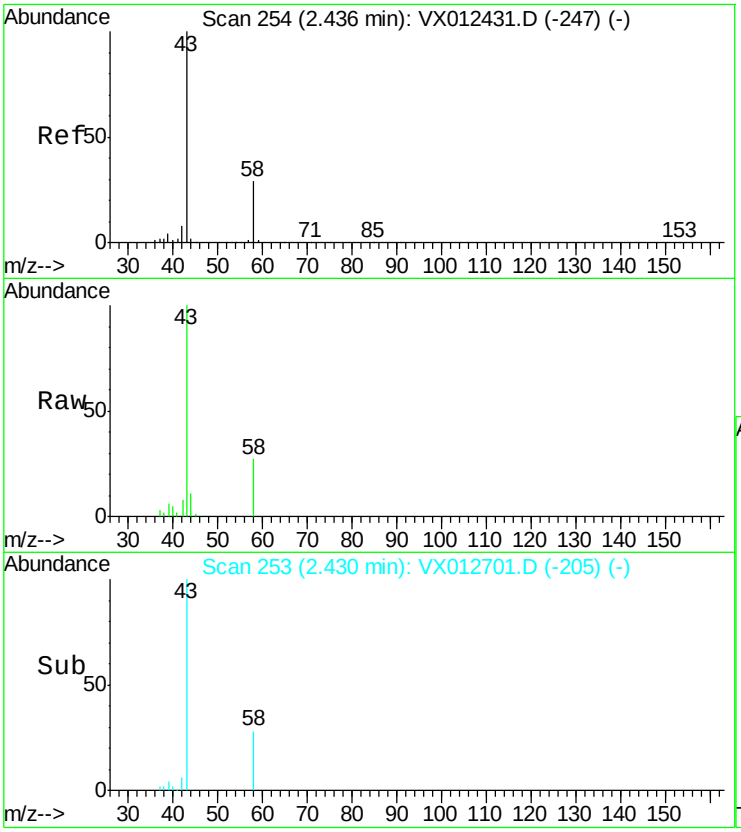




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.638 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

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 |



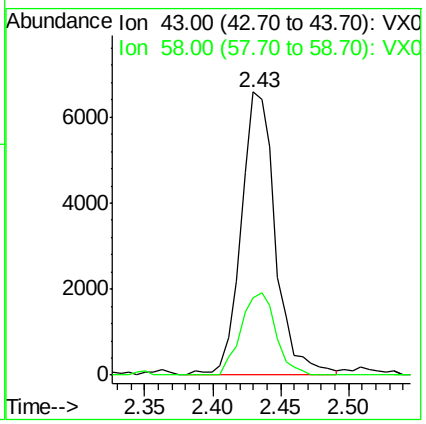


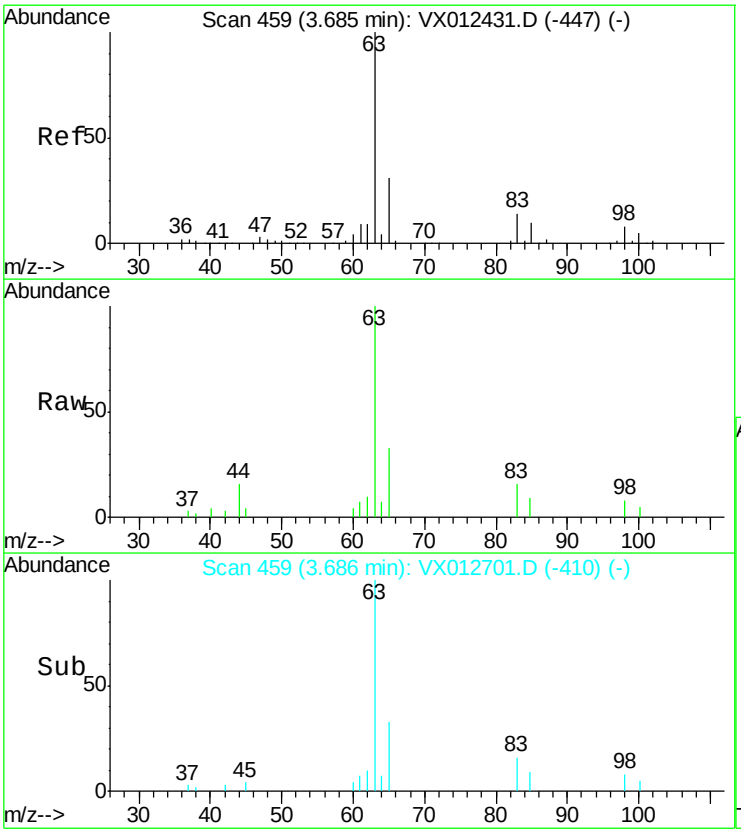

#16
Acetone
Concen: 8.628 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**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 |

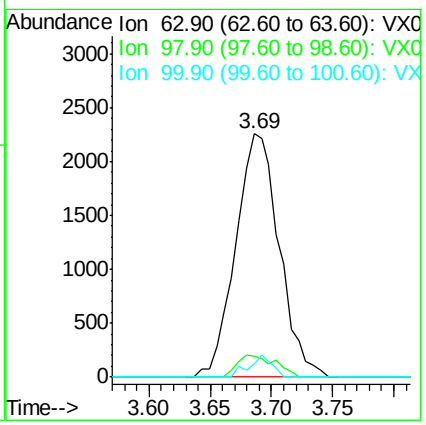


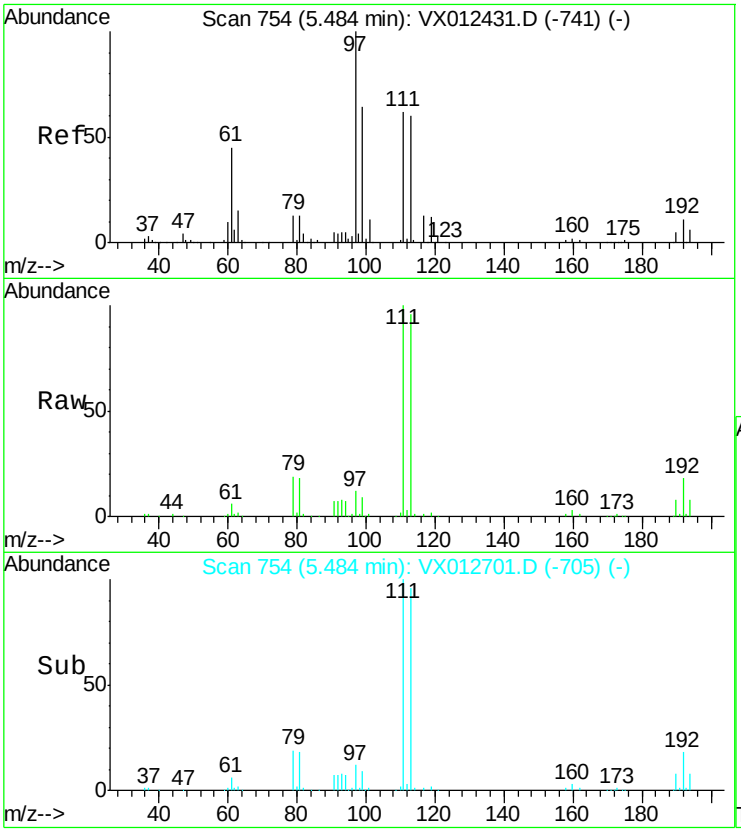




#24
1,1-Dichloroethane
Concen: 1.425 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

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 |



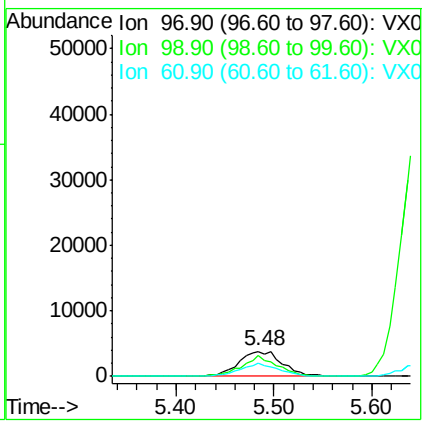


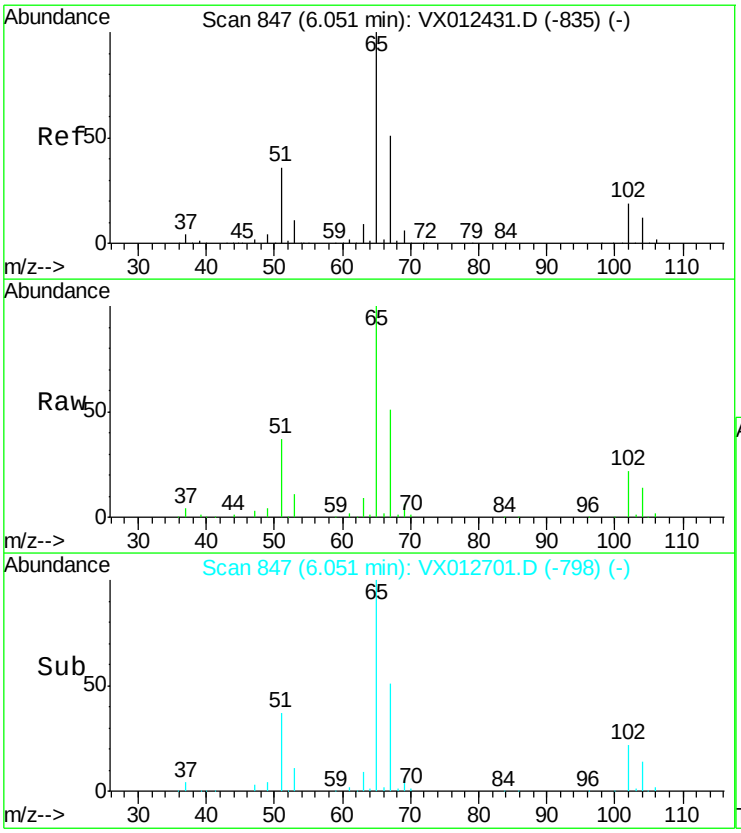

#32
1,1,1-Trichloroethane
Concen: 3.333 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**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 |

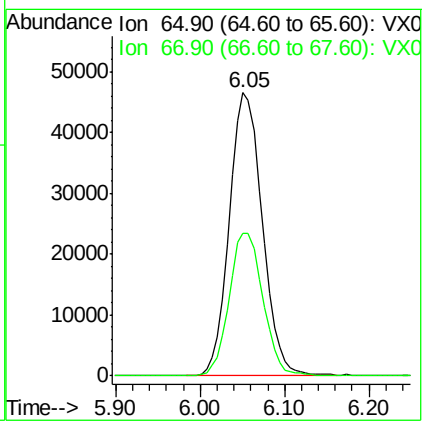


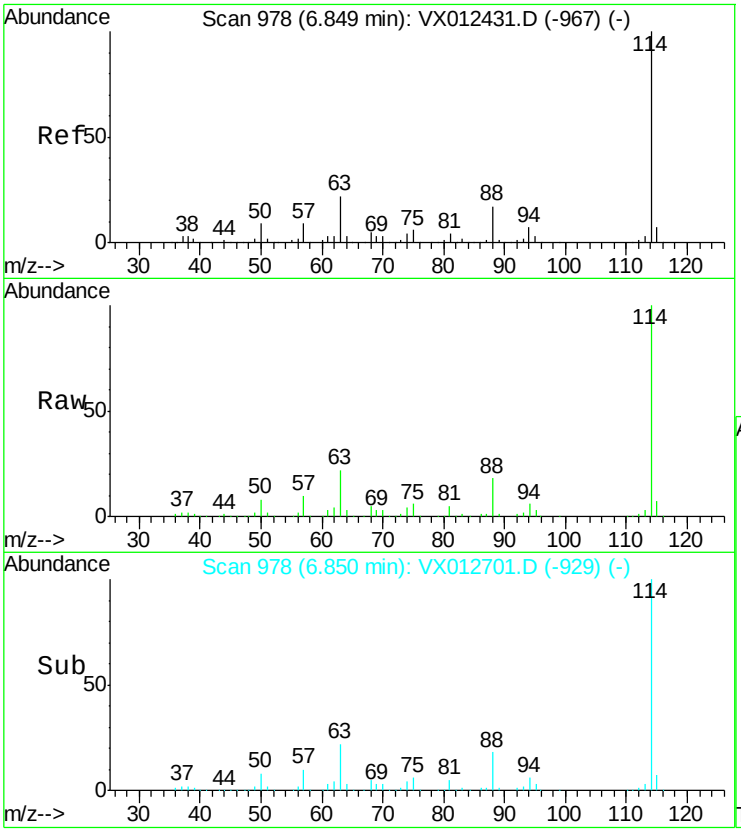




#33
1,2-Dichloroethane-d4
Concen: 48.488 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 65 Resp: 123505

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



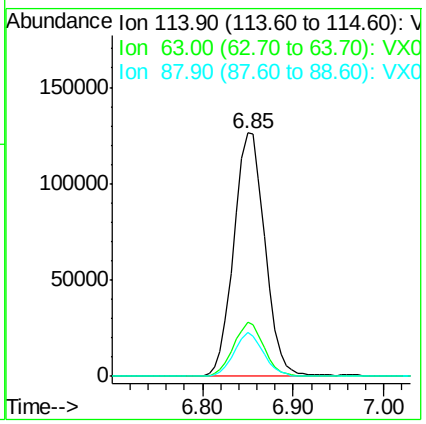


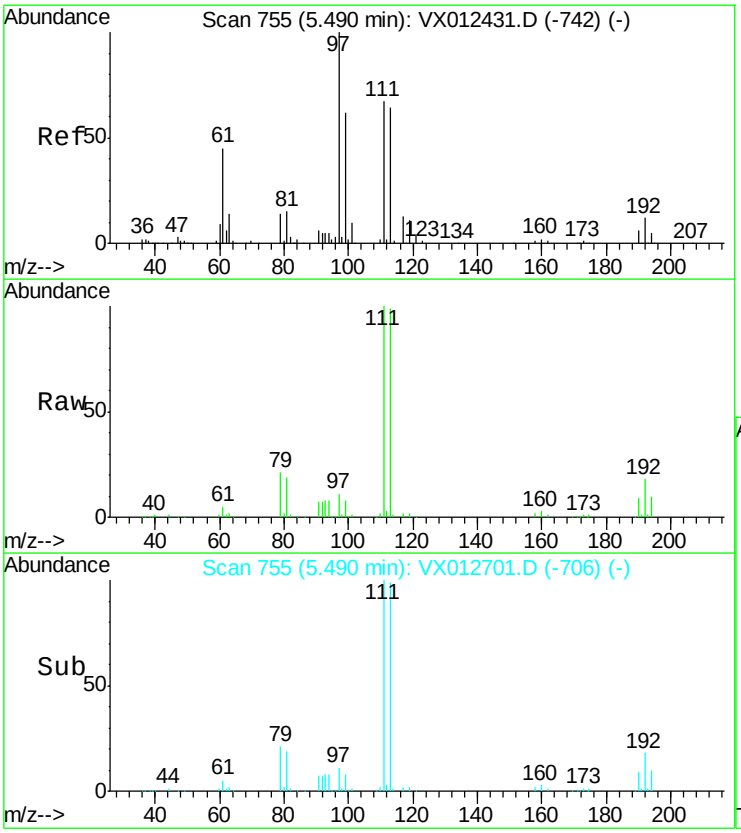

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**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 |

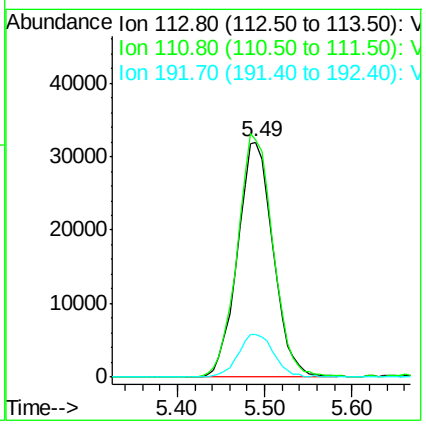


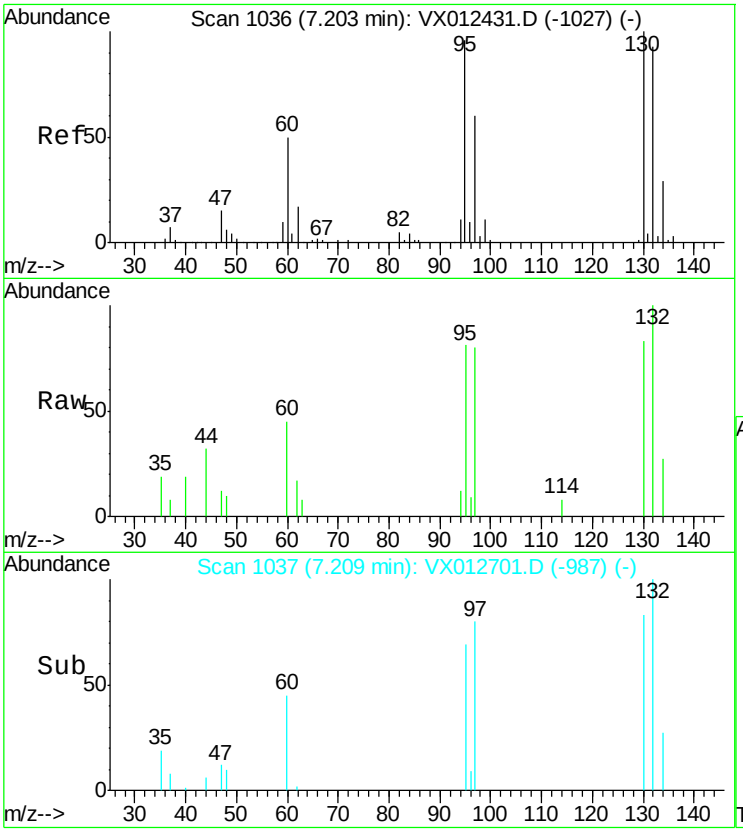




#35
Dibromofluoromethane
Concen: 50.257 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

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 |



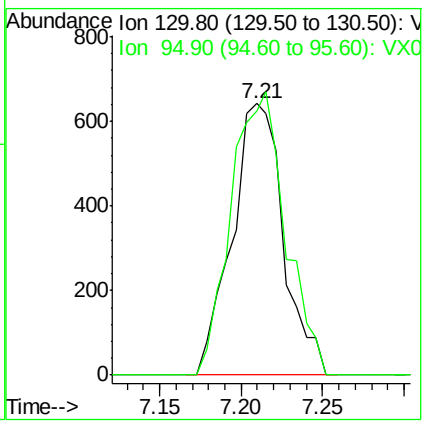


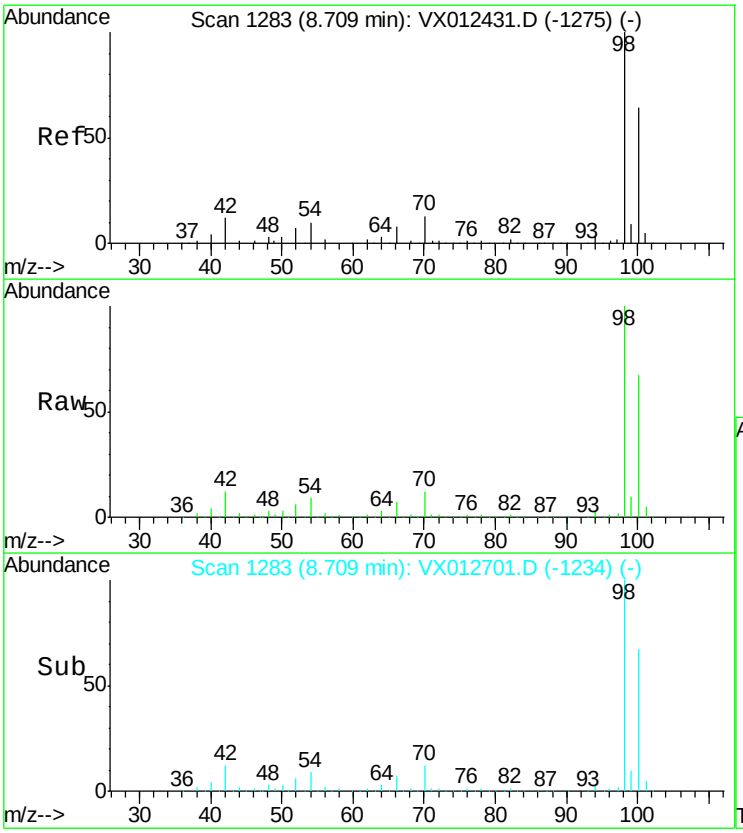

#44
Trichloroethene
Concen: 0.644 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

**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 |

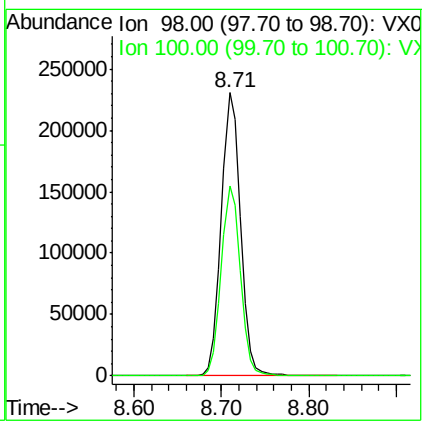


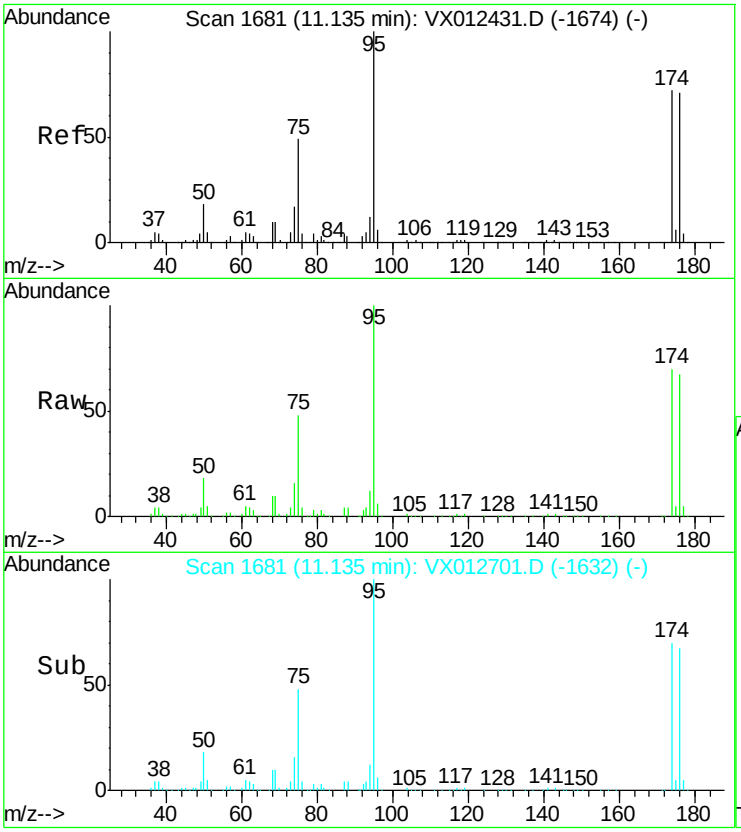




#50
Toluene-d8
Concen: 51.001 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 98 Resp: 353252

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



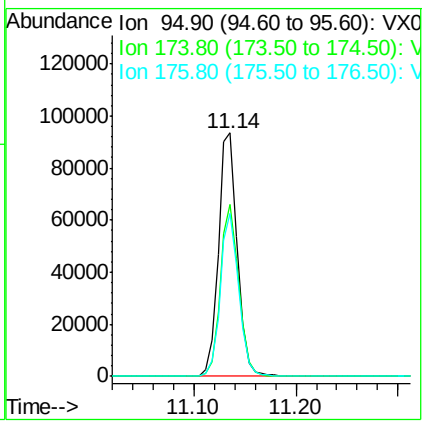


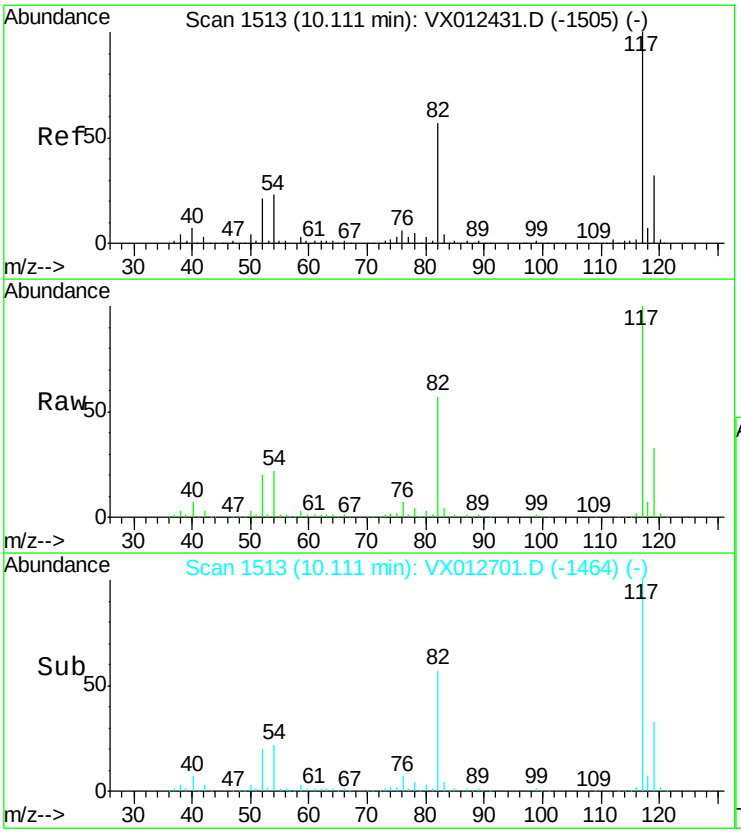

#62
4-Bromofluorobenzene
Concen: 44.428 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

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

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 |

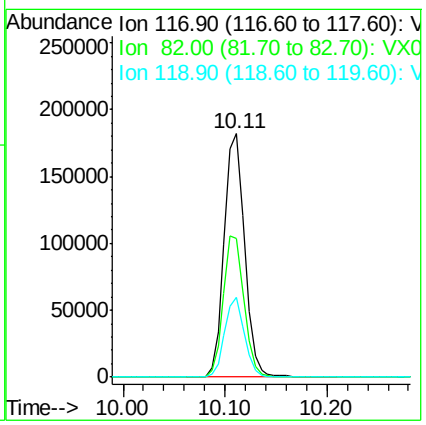


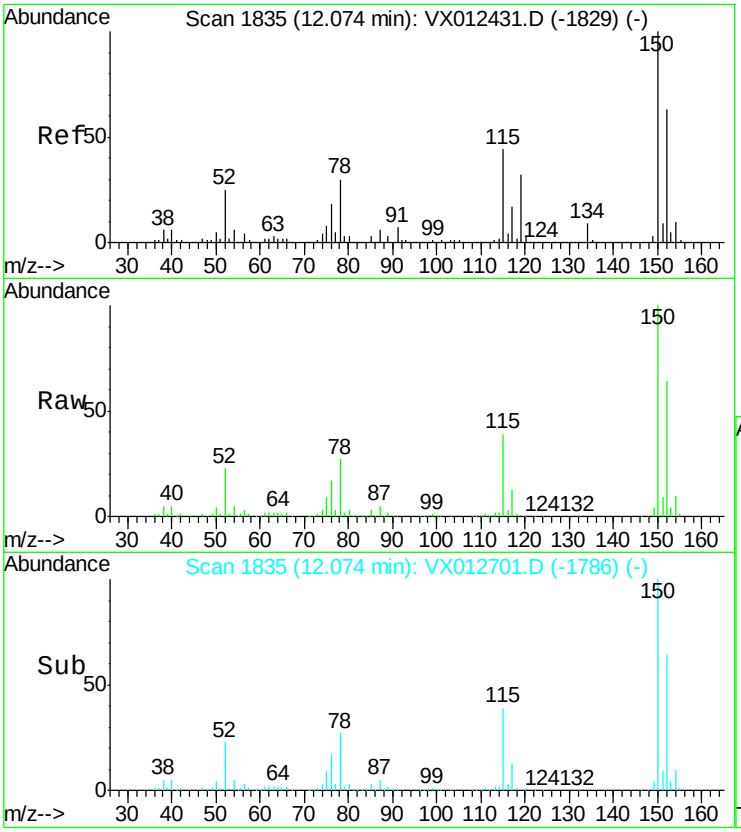




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012701.D
Acq: 30 Sep 2019 13:35

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

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

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 |