Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092319\
Data File : VX012611.D
Acq On : 23 Sep 2019 17:54
Operator : JC/SP
Sample : K4930-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY038PS036-190916RE

Quant Time: Sep 24 01:52:57 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

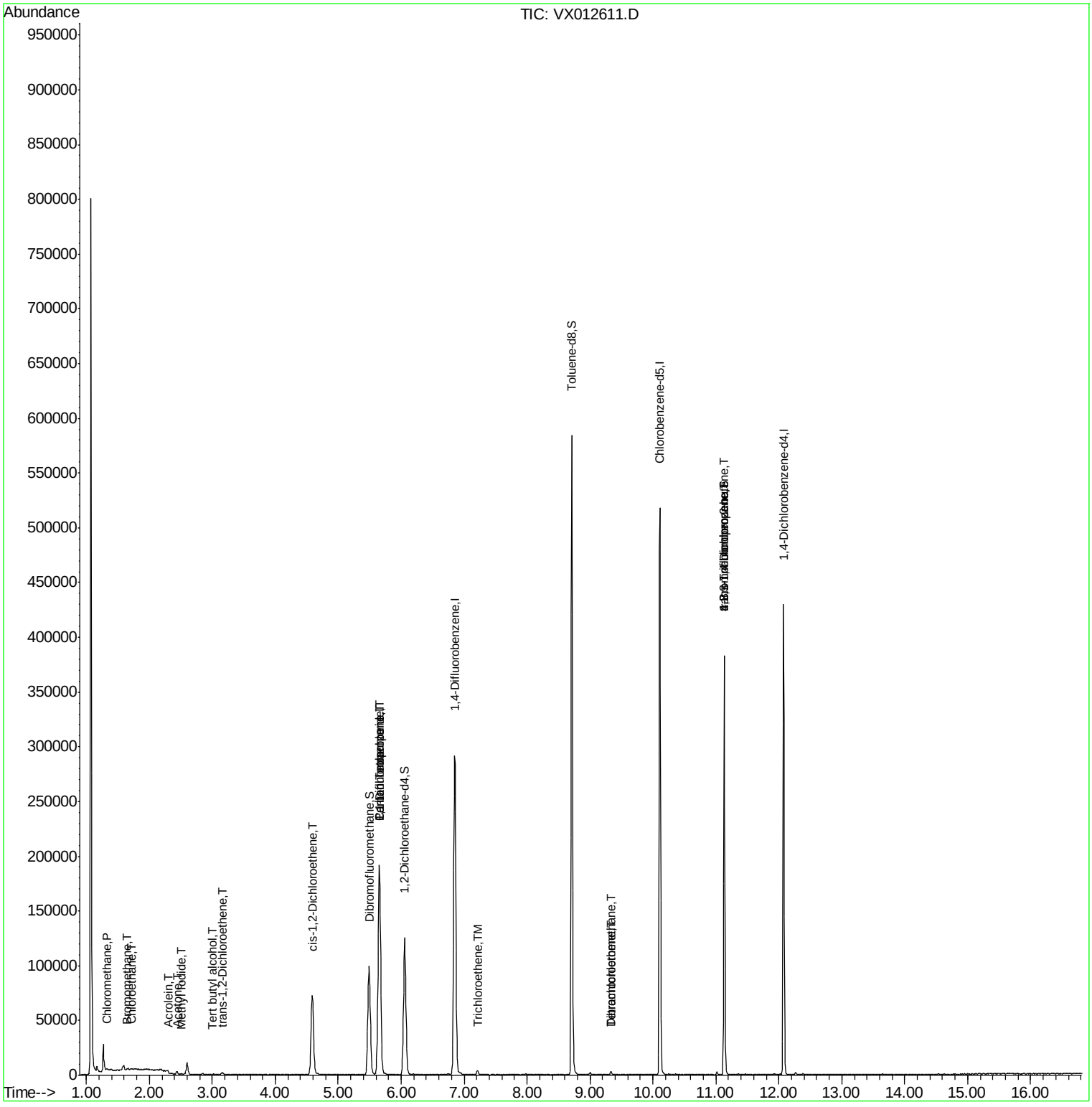
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 166450 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 288017 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 231656 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 79310 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.05 | 65 | 119126 | 49.15 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.30% | | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 85489 | 49.84 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.68% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 335541 | 50.80 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.60% | | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 108185 | 41.65 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 83.30% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 916 | 0.426 | ug/l | | 94 |
| 5) Bromomethane | 1.64 | 94 | 449 | 0.534 | ug/l | # | 74 |
| 6) Chloroethane | 1.72 | 64 | 483 | 0.335 | ug/l | # | 66 |
| 10) Methyl Iodide | 2.50 | 142 | 288 | 5.088 | ug/l | # | 81 |
| 11) Tert butyl alcohol | 3.00 | 59 | 525 | 0.867 | ug/l | # | 72 |
| 13) Acrolein | 2.31 | 56 | 163 | 10.696 | ug/l | # | 15 |
| 16) Acetone | 2.44 | 43 | 2776 | 2.162 | ug/l | | 99 |
| 21) trans-1,2-Dichloroethene | 3.16 | 96 | 768 | 0.387 | ug/l | # | 65 |
| 27) cis-1,2-Dichloroethene | 4.59 | 96 | 45660 | 19.848 | ug/l | | 85 |
| 36) 1,1-Dichloropropene | 5.65 | 75 | 15311 | 5.515 | ug/l | # | 51 |
| 38) Carbon Tetrachloride | 5.65 | 117 | 19286 | 6.839 | ug/l | # | 17 |
| 44) Trichloroethene | 7.22 | 130 | 1440 | 0.690 | ug/l | | 71 |
| 60) Dibromochloromethane | 9.32 | 129 | 598 | 0.289 | ug/l | # | 11 |
| 64) Tetrachloroethene | 9.34 | 164 | 466 | 0.289 | ug/l | | 94 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 56012 | 26.699 | ug/l | # | 38 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 56012 | 76.512 | ug/l | # | 8 |

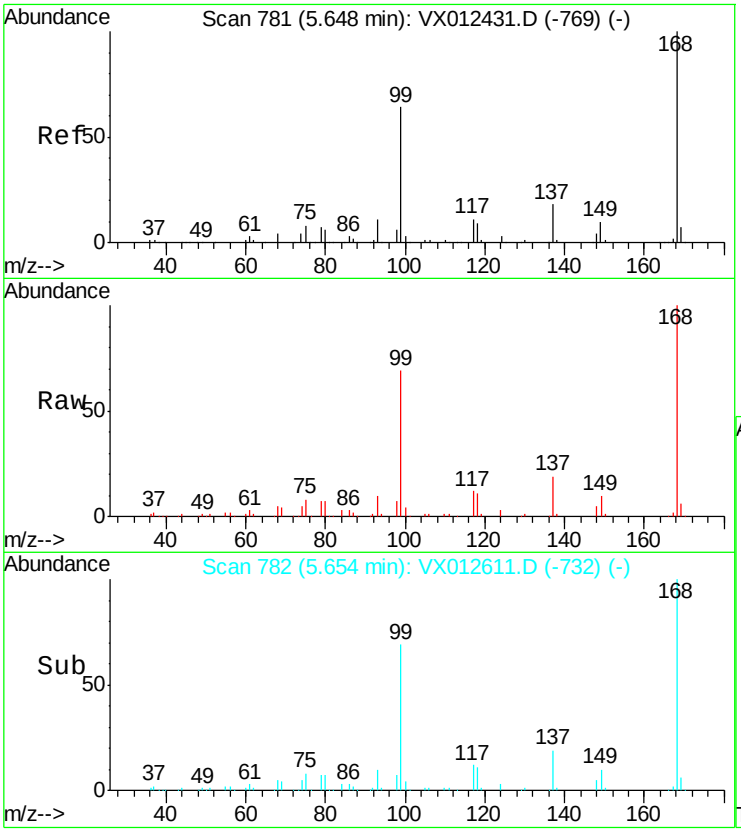
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092319\
Data File : VX012611.D
Acq On : 23 Sep 2019 17:54
Operator : JC/SP
Sample : K4930-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Quant Time: Sep 24 01:52:57 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



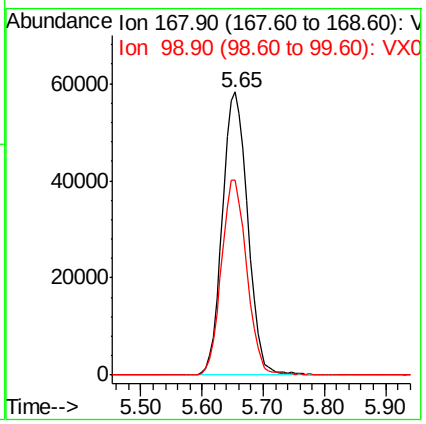


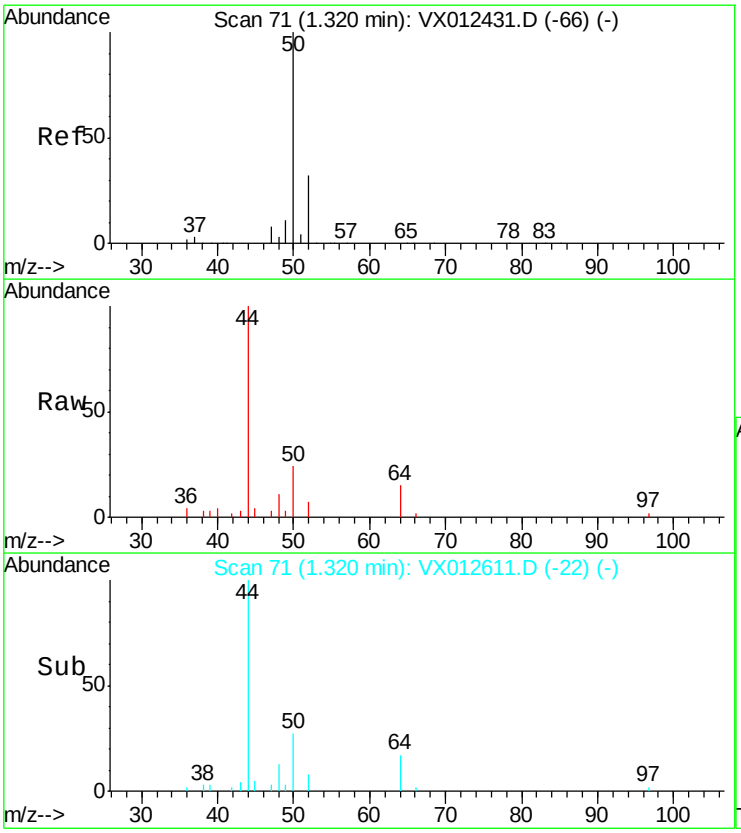

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Tgt Ion:168 Resp: 166450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 68.8 | 51.4 | 77.2 |

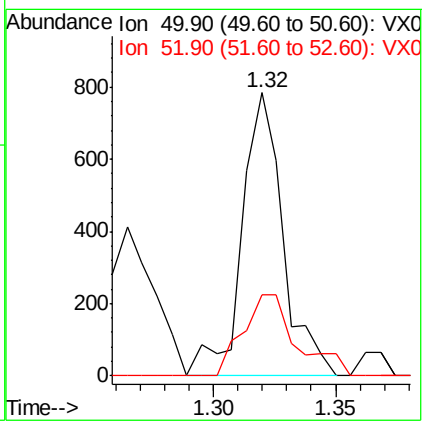


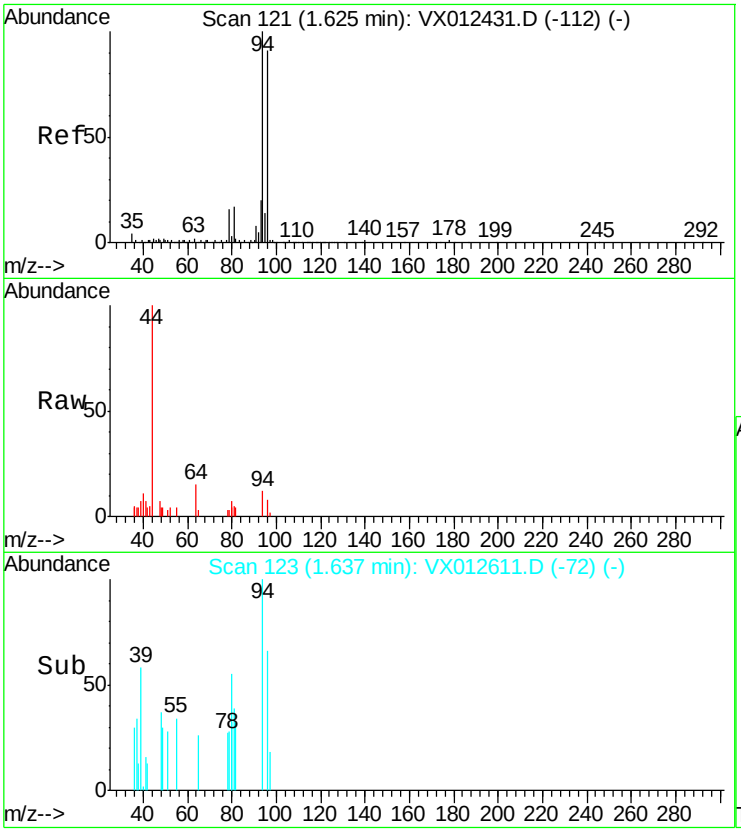




#3
Chloromethane
Concen: 0.426 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion: 50 Resp: 916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 28.6 | 25.7 | 38.5 |



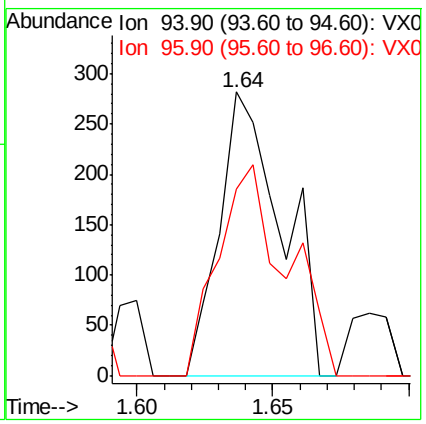


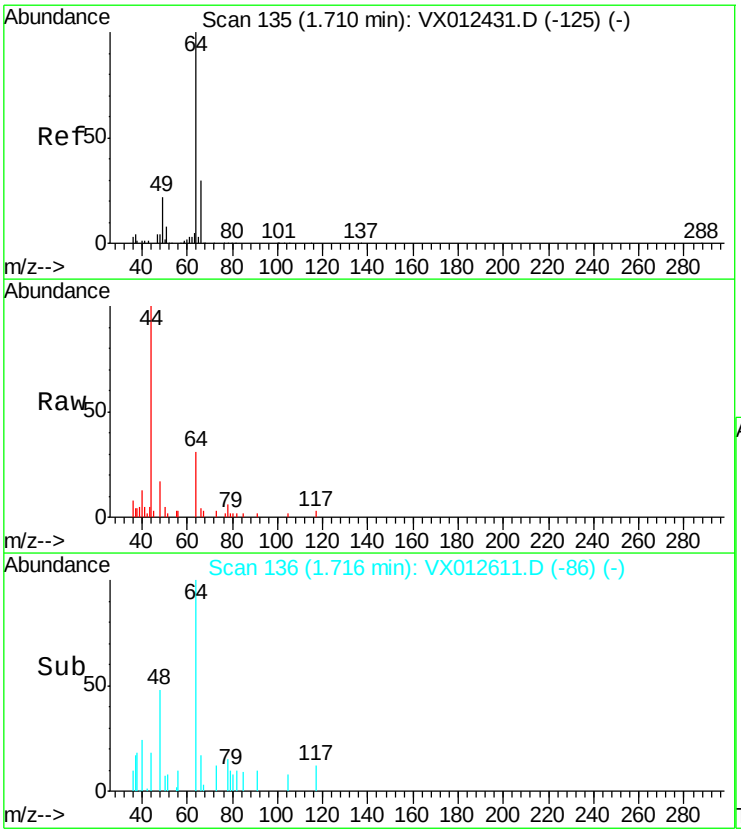

#5
Bromomethane
Concen: 0.534 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Tgt Ion: 94 Resp: 449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 66.0 | 72.8 | 109.2# |

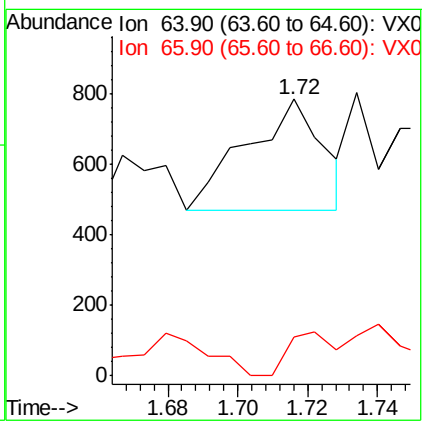


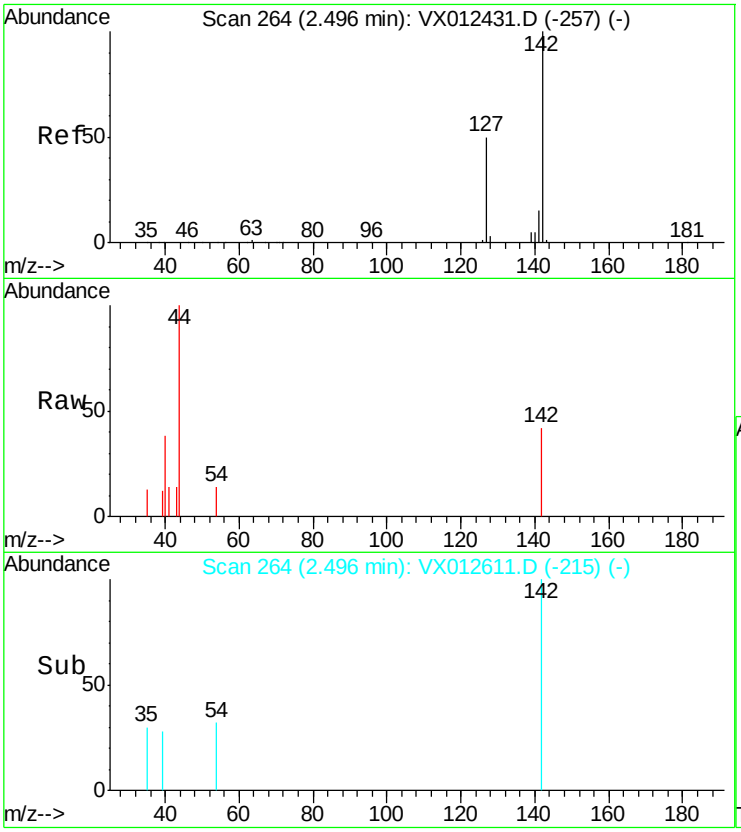




#6
Chloroethane
Concen: 0.335 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion: 64 Resp: 483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 11.7 | 24.0 | 36.0# |



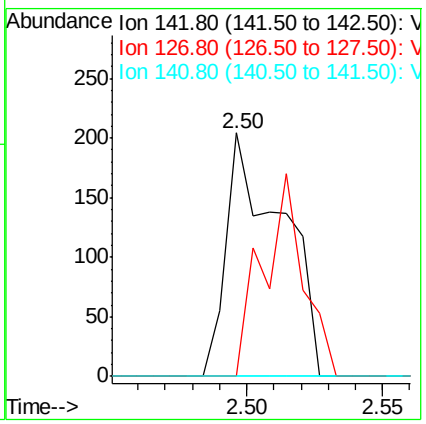


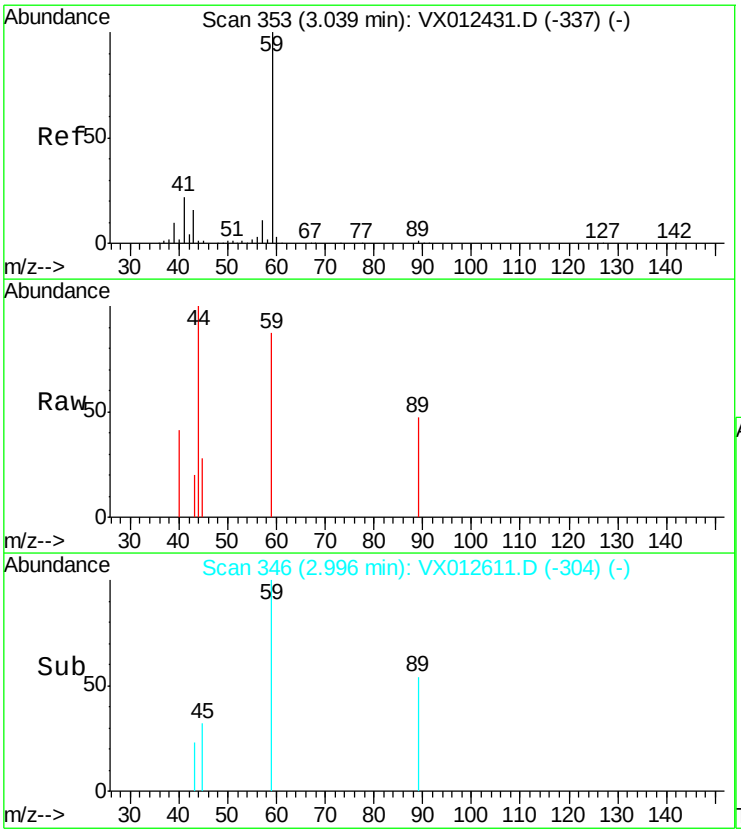

#10
Methyl Iodide
Concen: 5.088 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Tgt Ion:142 Resp: 288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 60.8 | 40.8 | 61.2 |
| 141 | 0.0 | 12.1 | 18.1# |

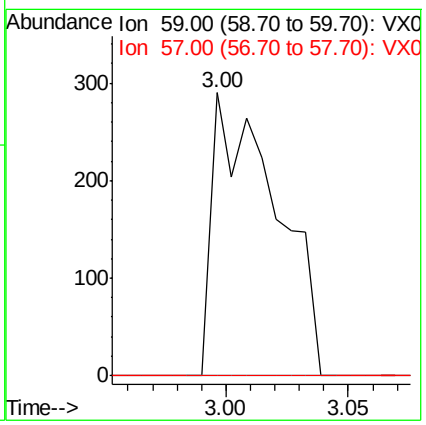


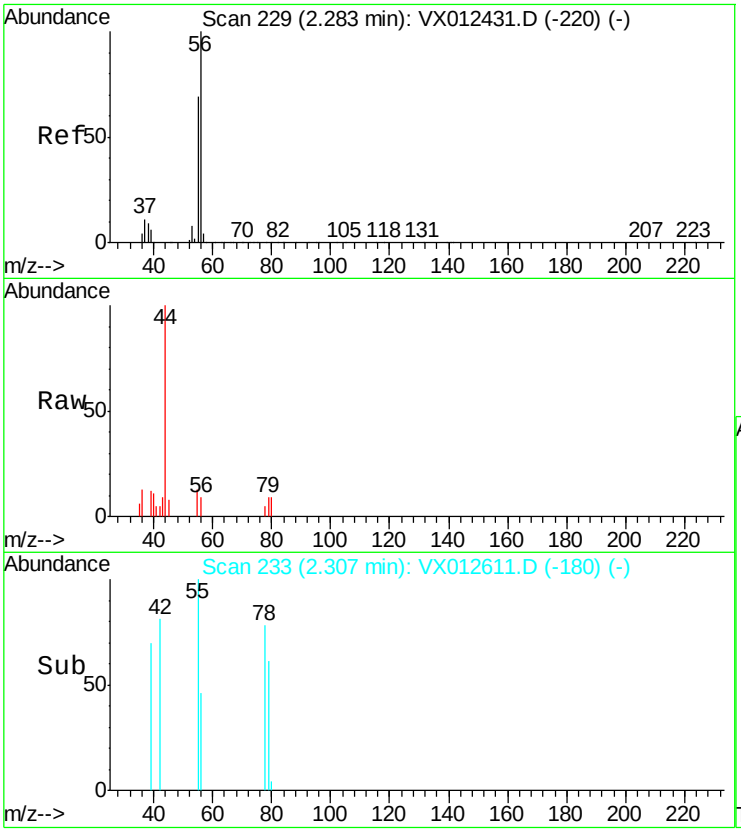




#11
Tert butyl alcohol
Concen: 0.867 ug/l
RT: 3.00 min Scan# 346
Delta R.T. -0.04 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion: 59 Resp: 525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.3 | 12.5# |



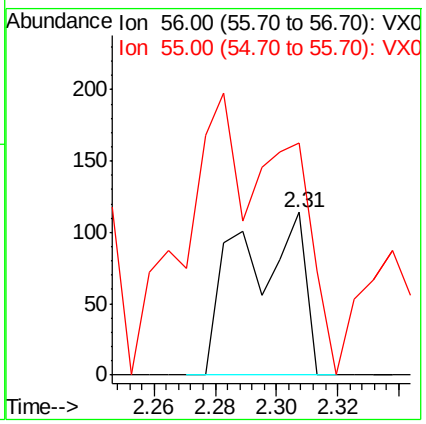


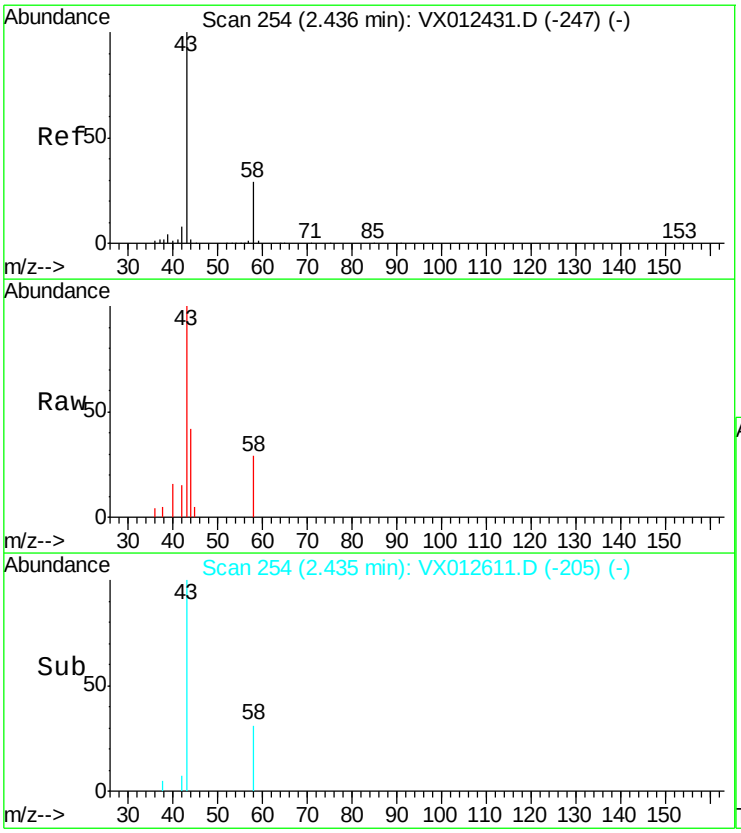

#13
Acrolein
Concen: 10.696 ug/l
RT: 2.31 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Tgt Ion: 56 Resp: 163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 55.8 | 83.8# |

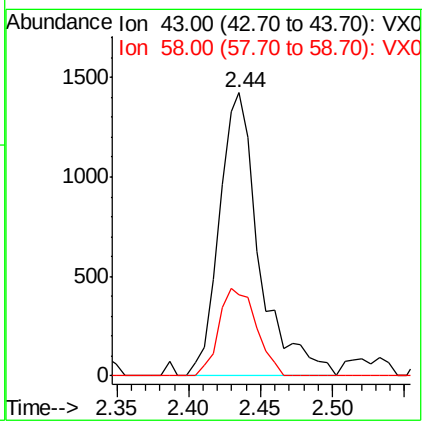


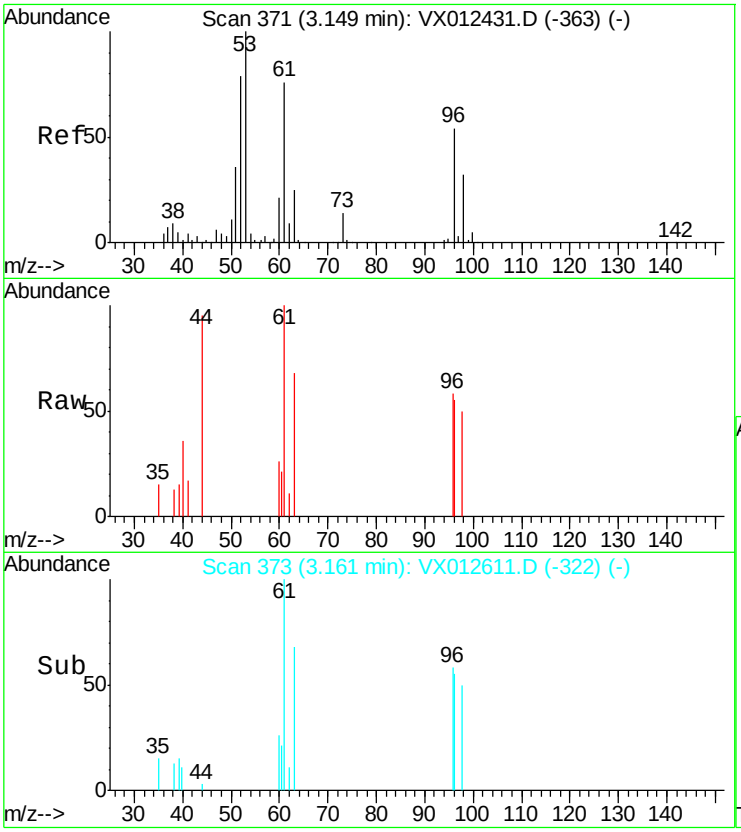




#16
Acetone
Concen: 2.162 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion: 43 Resp: 2776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.5 | 23.3 | 34.9 |



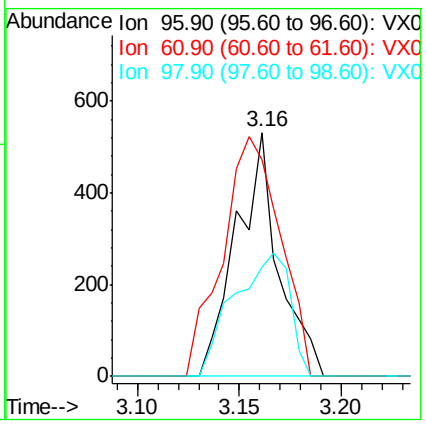


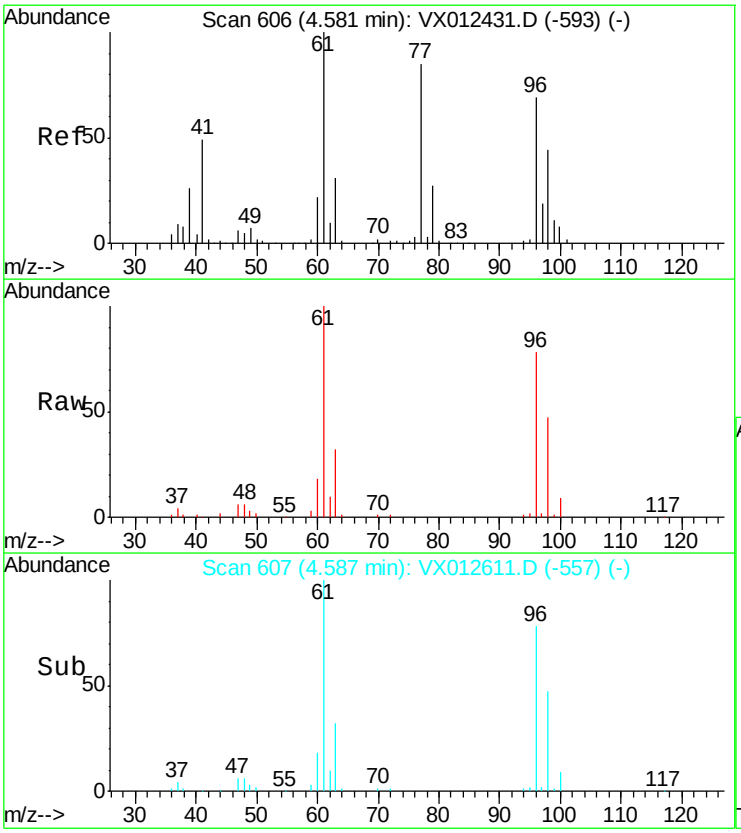

#21
trans-1,2-Dichloroethene
Concen: 0.387 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Tgt Ion: 96 Resp: 768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 89.1 | 112.0 | 168.0# |
| 98 | 44.8 | 47.8 | 71.8# |

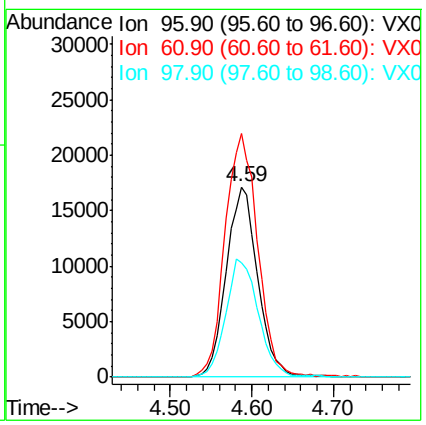


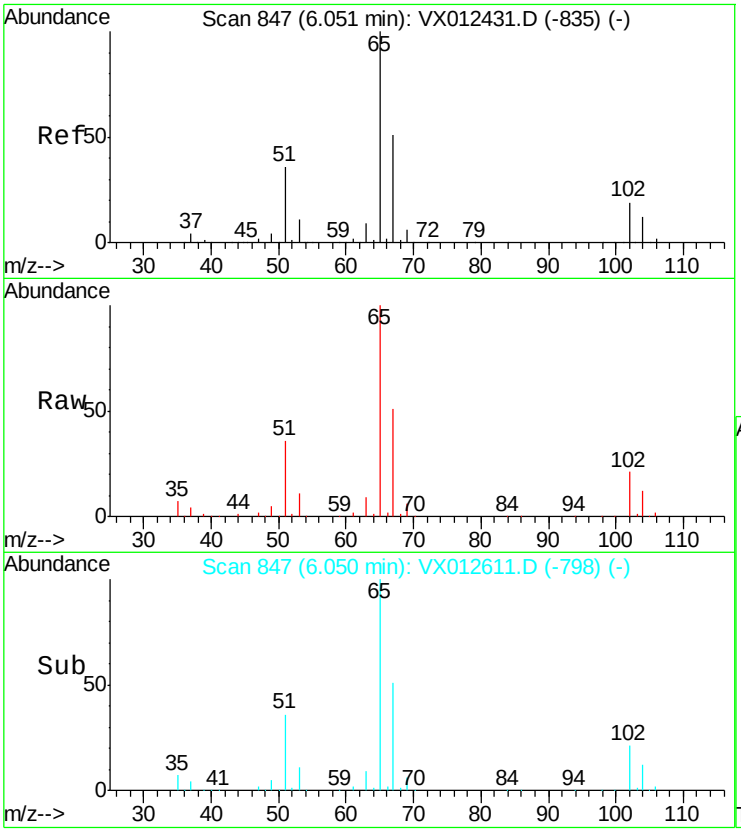




#27
cis-1,2-Dichloroethene
Concen: 19.848 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion: 96 Resp: 45660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 132.7 | 0.0 | 319.4 |
| 98 | 64.0 | 0.0 | 130.6 |



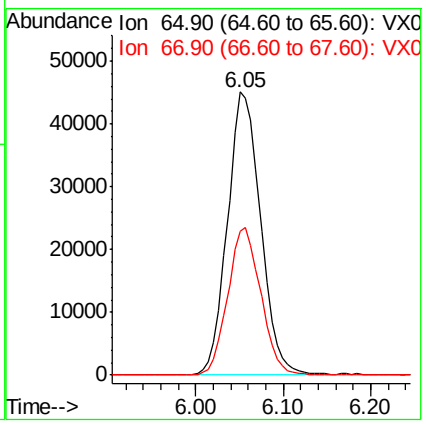


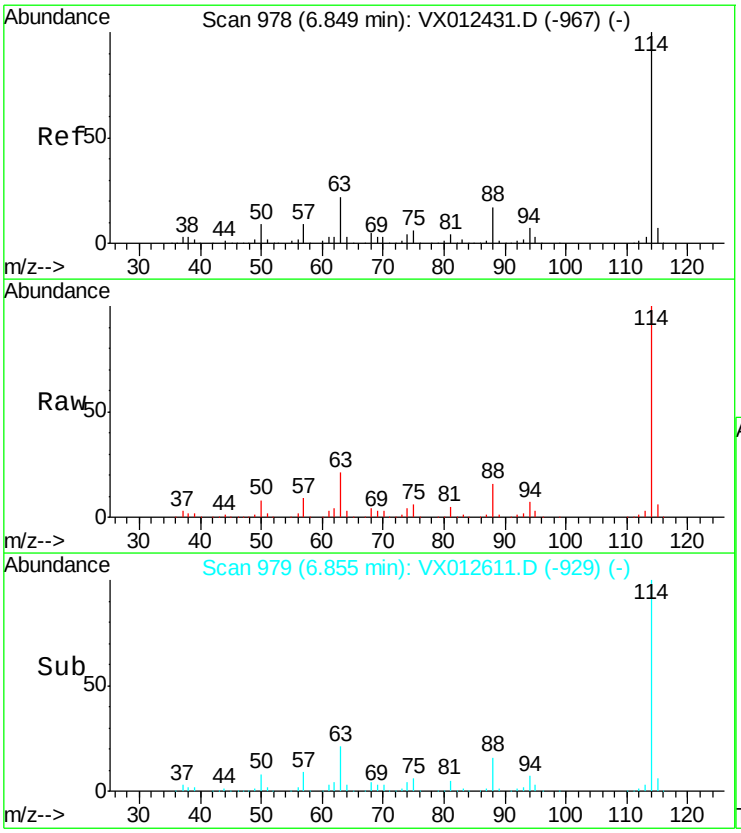

#33
1,2-Dichloroethane-d4
Concen: 49.148 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Tgt Ion: 65 Resp: 119126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.0 | 0.0 | 101.2 |

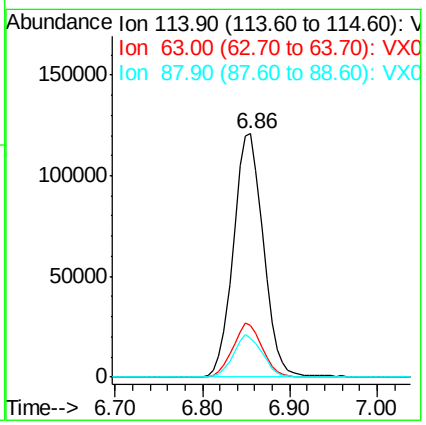


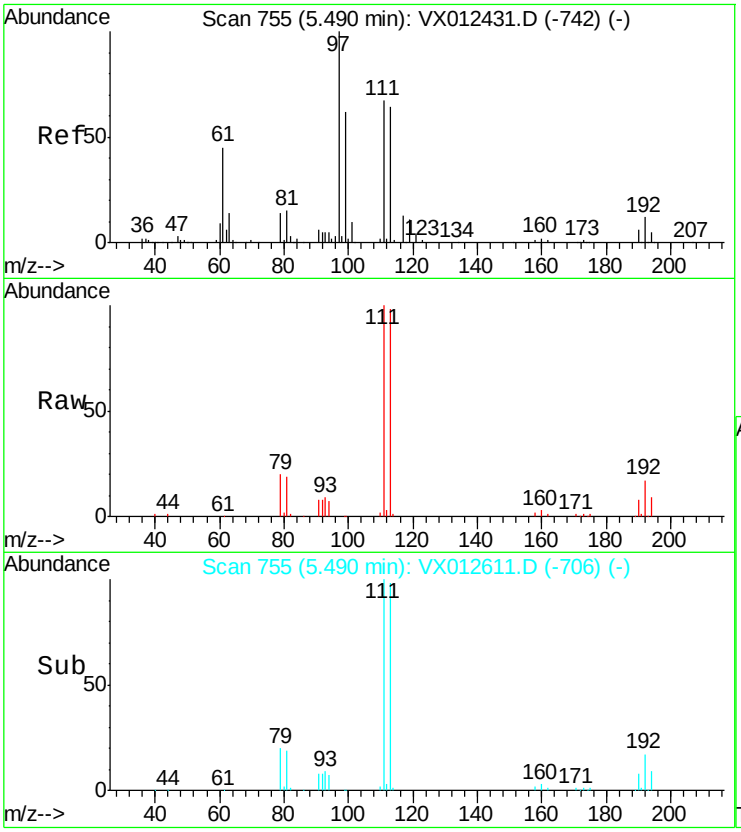




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion:114 Resp: 288017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.9 | 0.0 | 43.2 |
| 88 | 16.2 | 0.0 | 33.2 |



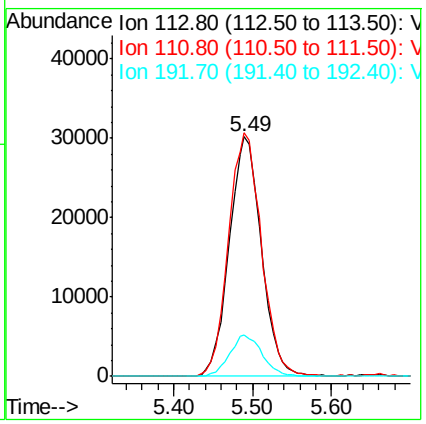


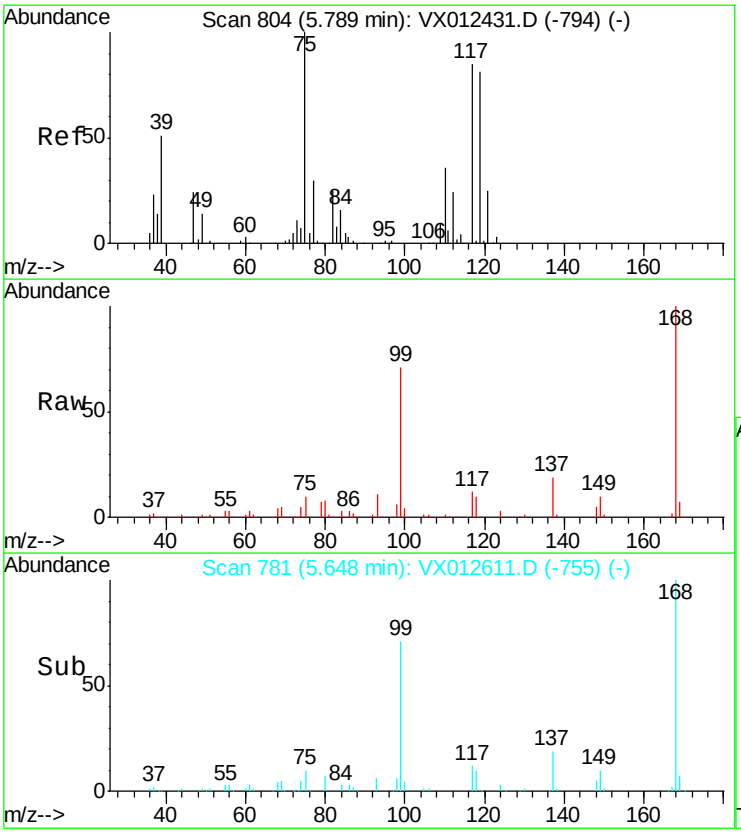

#35
Dibromofluoromethane
Concen: 49.840 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Tgt Ion:113 Resp: 85489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.9 | 83.4 | 125.2 |
| 192 | 17.3 | 14.4 | 21.6 |

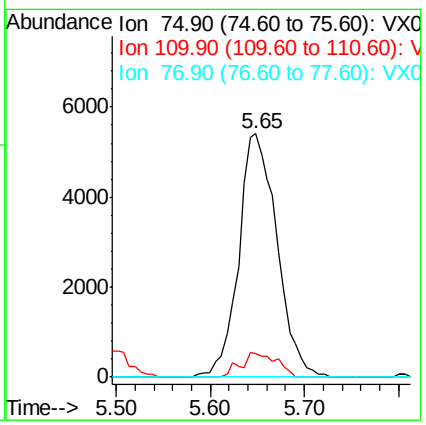


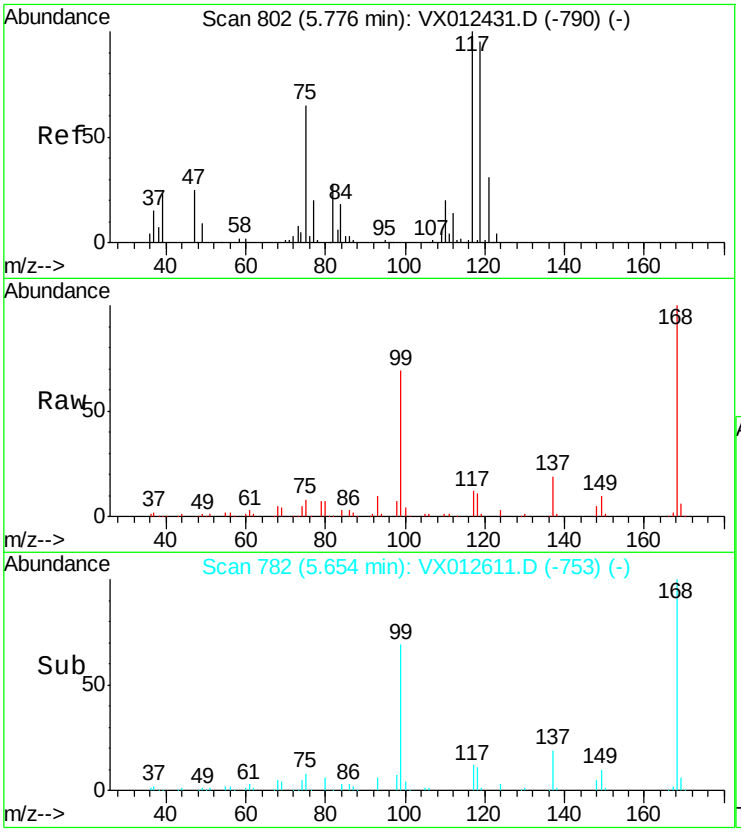




#36
1,1-Dichloropropene
Concen: 5.515 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion: 75 Resp: 15311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.3 | 16.7 | 50.0# |
| 77 | 0.0 | 24.2 | 36.2# |



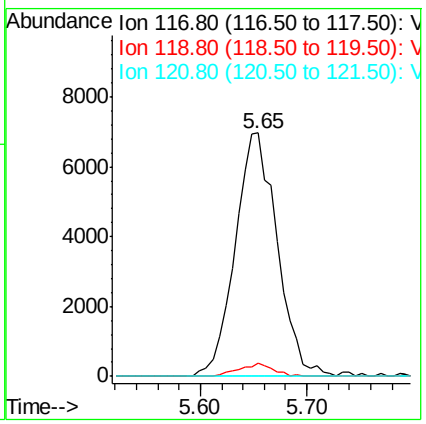


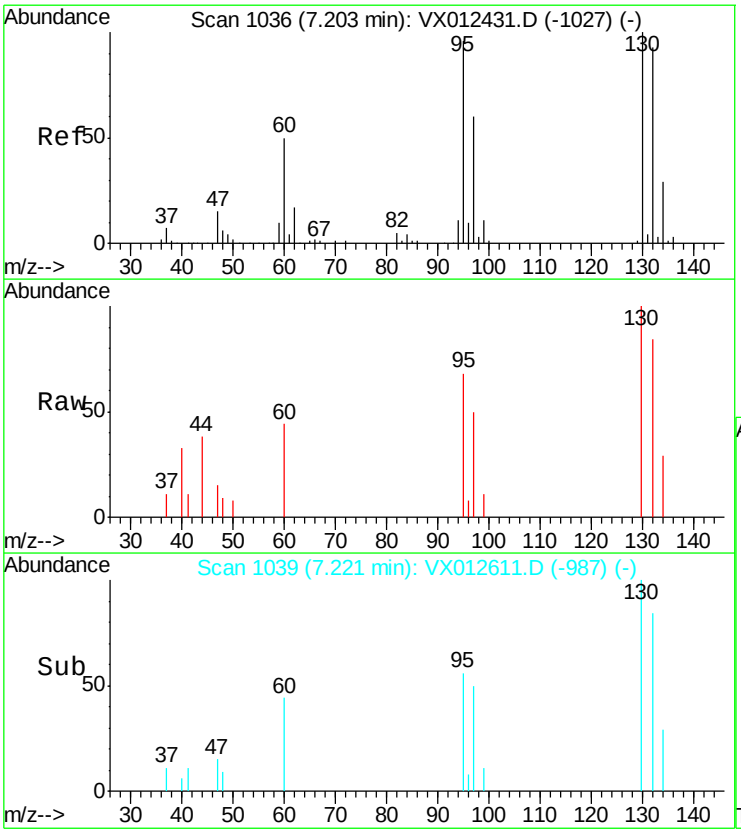

#38
Carbon Tetrachloride
Concen: 6.839 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :** MSVOA_X
**ClientSampleId :** KY038PS036-190916RE

Tgt Ion:117 Resp: 19286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.5 | 75.7 | 113.5# |
| 121 | 0.0 | 24.2 | 36.4# |

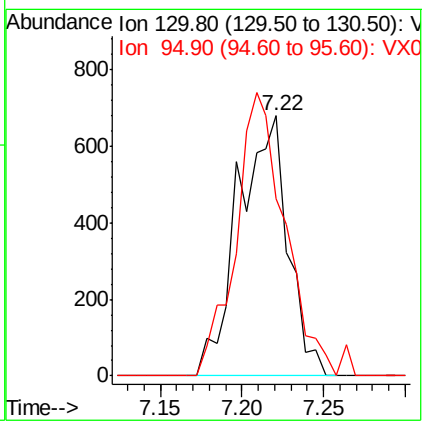


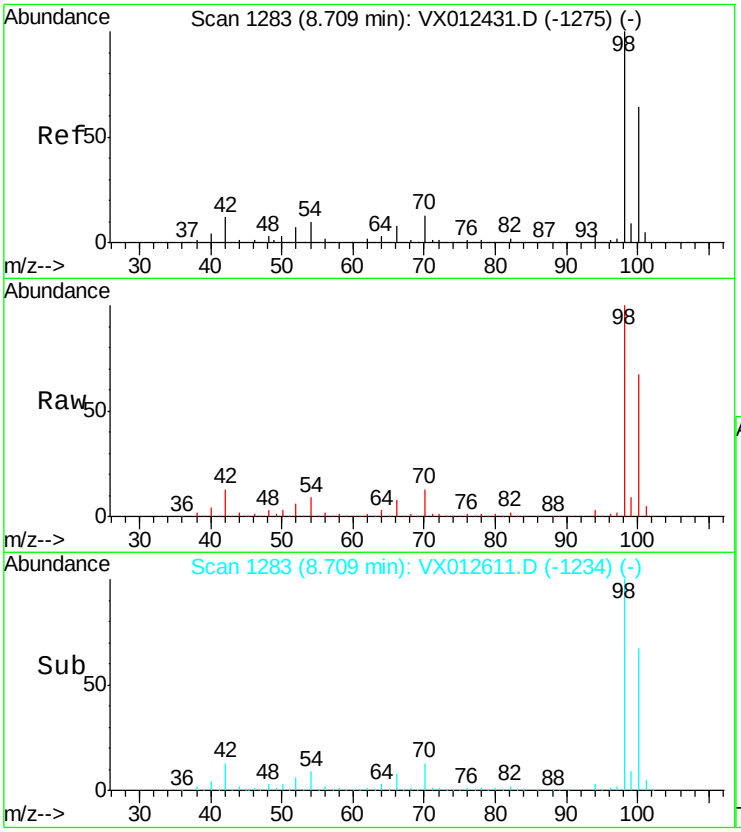




#44
Trichloroethene
Concen: 0.690 ug/l
RT: 7.22 min Scan# 1039
Delta R.T. 0.02 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion:130 Resp: 1440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 68.1 | 0.0 | 193.0 |



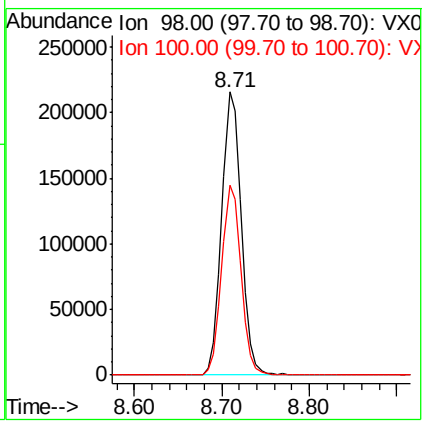


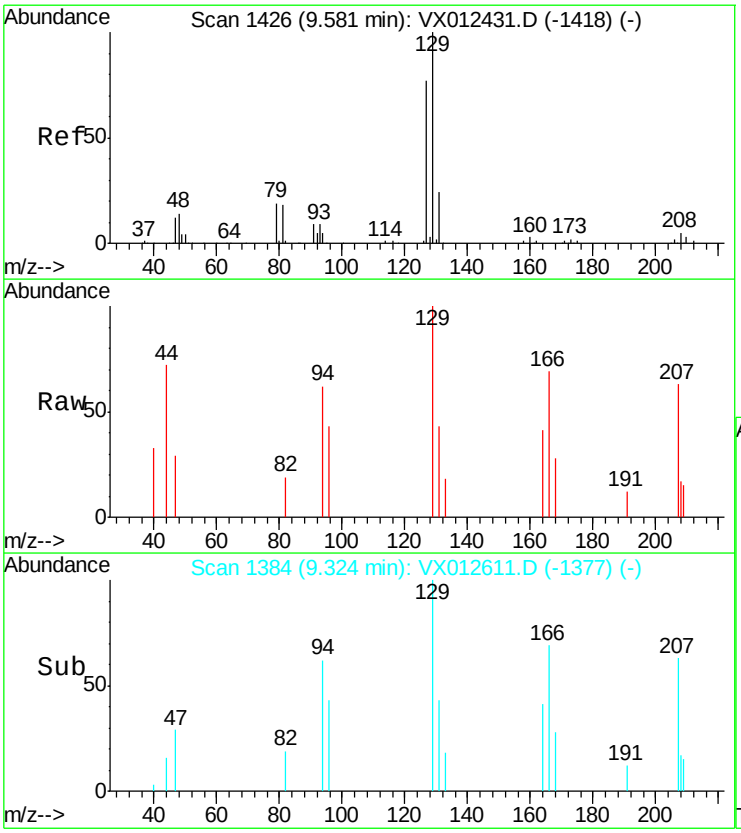

#50
Toluene-d8
Concen: 50.796 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Tgt Ion: 98 Resp: 335541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.2 | 53.4 | 80.2 |

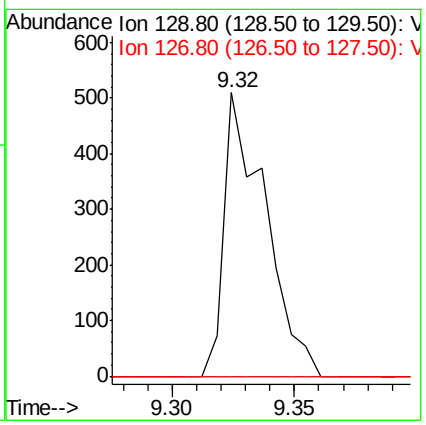


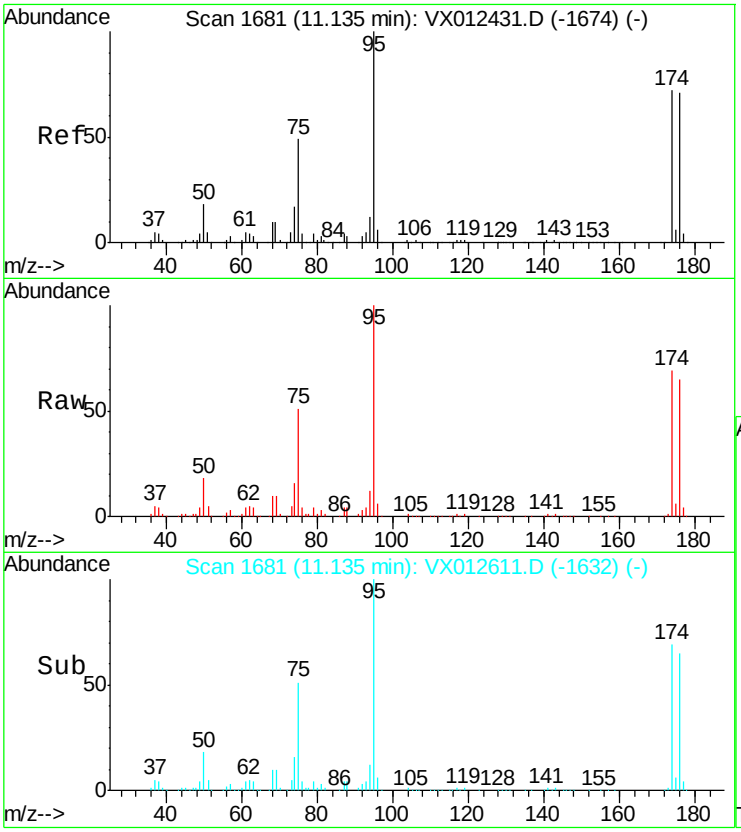




#60
Dibromochloromethane
Concen: 0.289 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. -0.26 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion:129 Resp: 598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 38.9 | 116.6# |



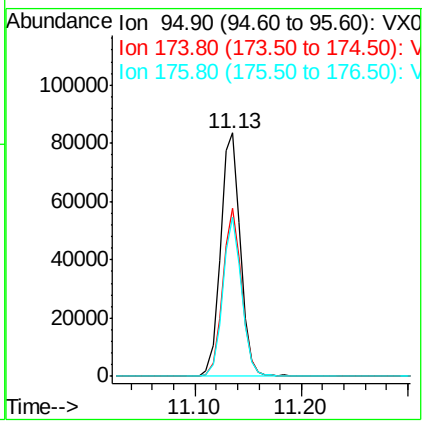


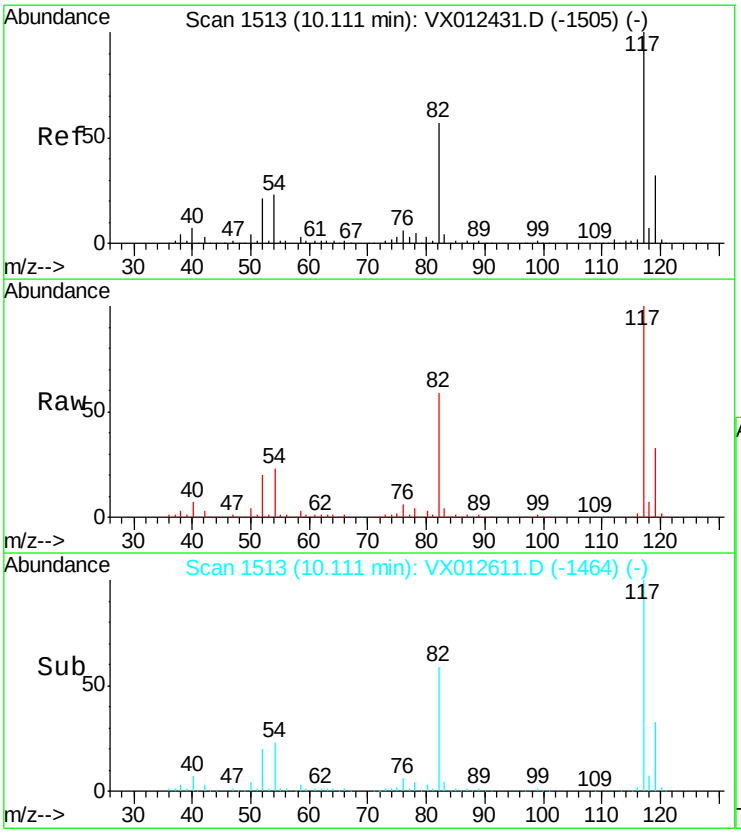

#62
4-Bromofluorobenzene
Concen: 41.652 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Tgt Ion: 95 Resp: 108185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 66.0 | 0.0 | 140.0 |
| 176 | 62.6 | 0.0 | 135.4 |

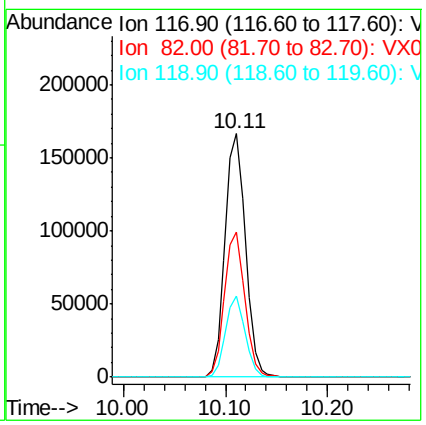


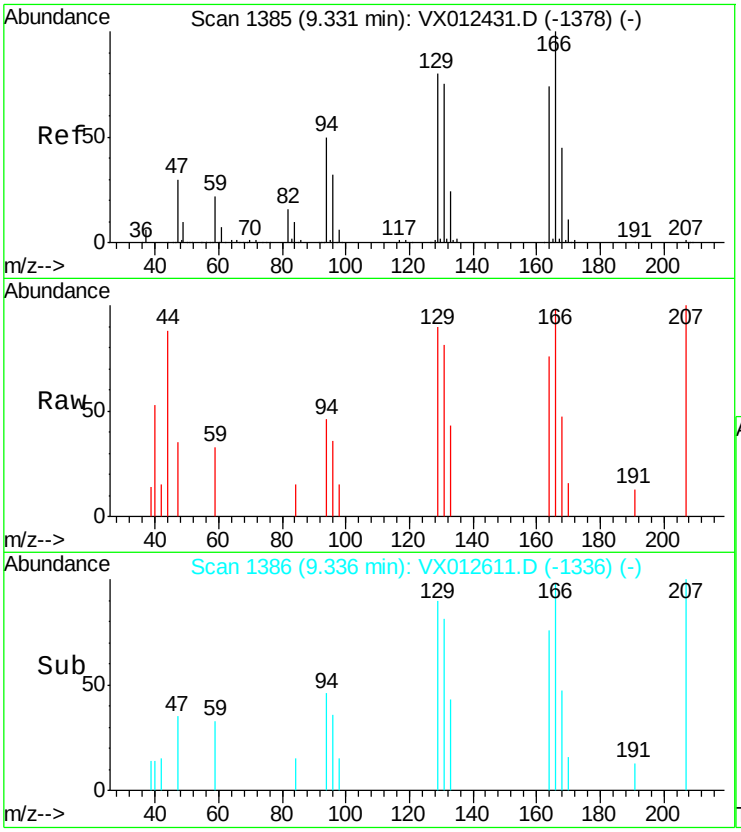




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion:117 Resp: 231656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.3 | 45.9 | 68.9 |
| 119 | 33.1 | 25.3 | 37.9 |



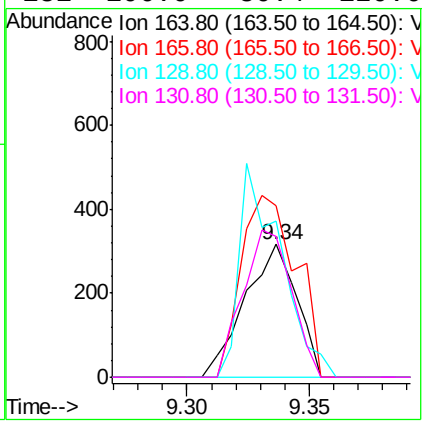


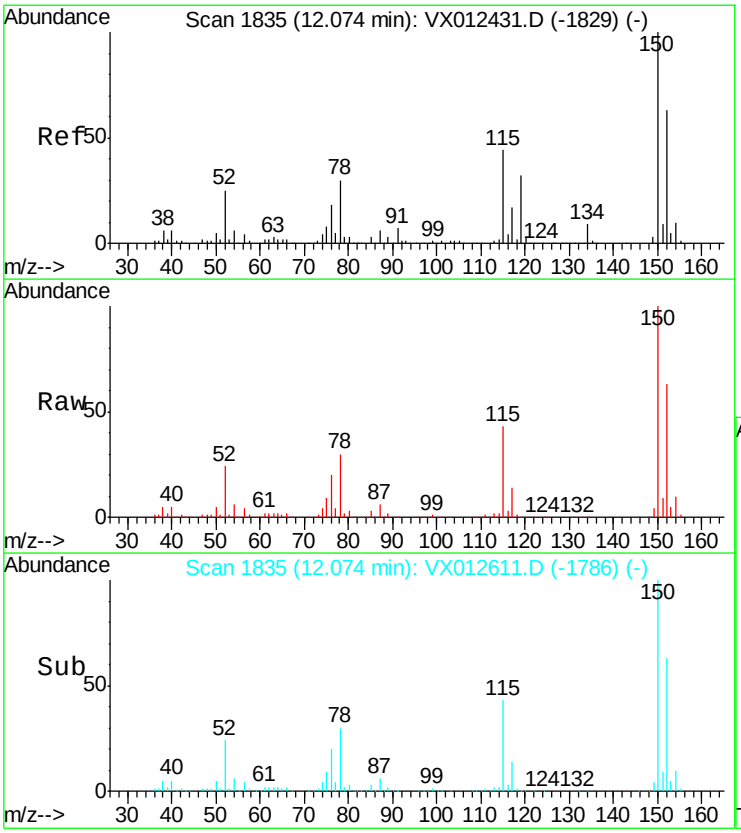

#64
Tetrachloroethene
Concen: 0.289 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Tgt Ion:164 Resp: 466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.0 | 107.8 | 161.6 |
| 129 | 117.7 | 86.2 | 129.2 |
| 131 | 106.0 | 80.4 | 120.6 |

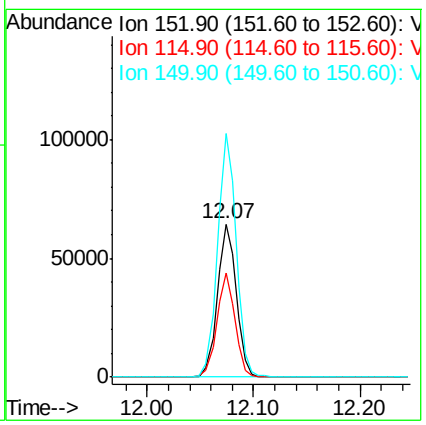


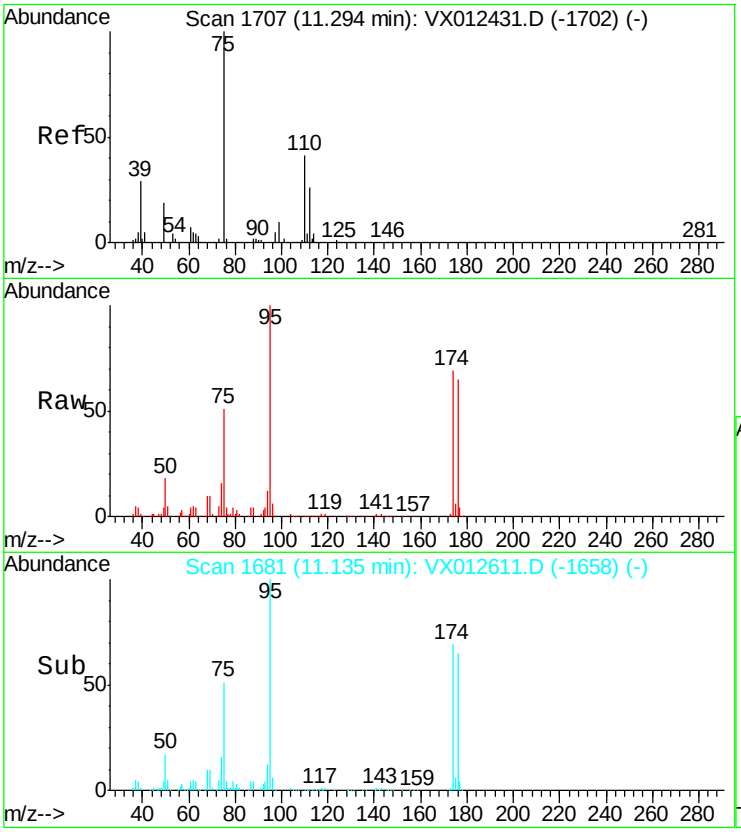




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion:152 Resp: 79310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 65.0 | 44.1 | 132.3 |
| 150 | 157.6 | 0.0 | 343.8 |



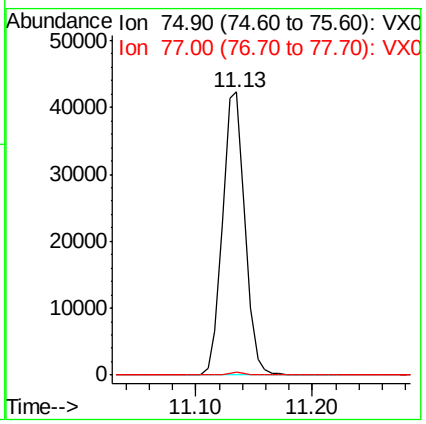


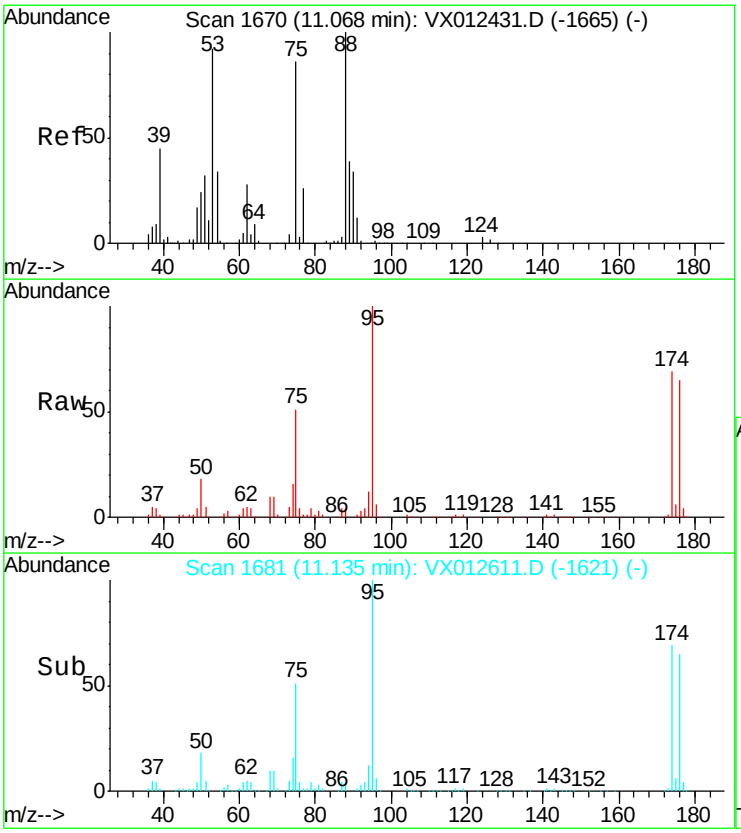

#76
1,2,3-Trichloropropane
Concen: 26.699 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

**Instrument :**
MSVOA_X
**ClientSampleId :**
KY038PS036-190916RE

Tgt Ion: 75 Resp: 56012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.1 | 19.7 | 59.0# |




#81
trans-1,4-Dichloro-2-butene
Concen: 76.512 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012611.D
Acq: 23 Sep 2019 17:54

Tgt Ion: 75 Resp: 56012

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