Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100119\
Data File : VX012738.D
Acq On : 01 Oct 2019 17:11
Operator : JC/SP
Sample : K5082-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :**

Quant Time: Oct 02 01:47:53 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

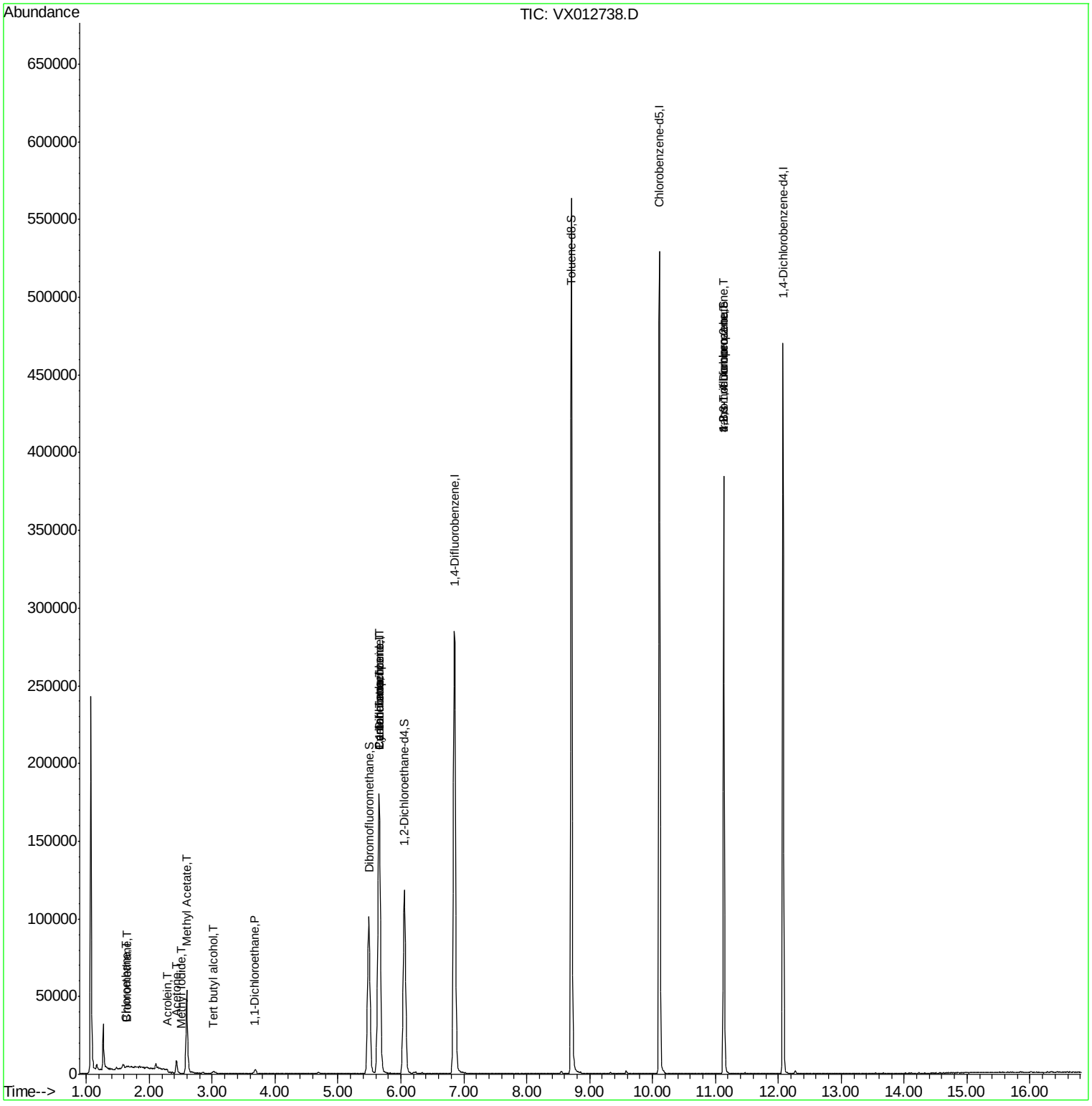
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 163905 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 285705 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 241653 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 88864 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.05 | 65 | 116618 | 48.86 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.72% | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 85301 | 50.13 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.26% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 331440 | 50.58 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.16% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 110964 | 43.07 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 86.14% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.64 | 94 | 309 | 0.373 | ug/l | 85 |
| 6) Chloroethane | 1.63 | 64 | 3025 | 2.132 | ug/l # | 62 |
| 10) Methyl Iodide | 2.51 | 142 | 20 | 4.962 | ug/l # | 35 |
| 11) Tert butyl alcohol | 3.02 | 59 | 1501 | 2.517 | ug/l # | 72 |
| 13) Acrolein | 2.29 | 56 | 159 | 10.692 | ug/l | 98 |
| 16) Acetone | 2.44 | 43 | 8957 | 7.085 | ug/l | 91 |
| 18) Methyl Acetate | 2.59 | 43 | 14349 | 4.820 | ug/l # | 54 |
| 24) 1,1-Dichloroethane | 3.68 | 63 | 3117 | 0.849 | ug/l # | 94 |
| 31) Cyclohexane | 5.65 | 56 | 3692 | 1.111 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.65 | 75 | 13767 | 4.999 | ug/l # | 51 |
| 38) Carbon Tetrachloride | 5.65 | 117 | 17685 | 6.322 | ug/l # | 17 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 57474 | 24.450 | ug/l # | 38 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 57474 | 70.068 | ug/l # | 8 |

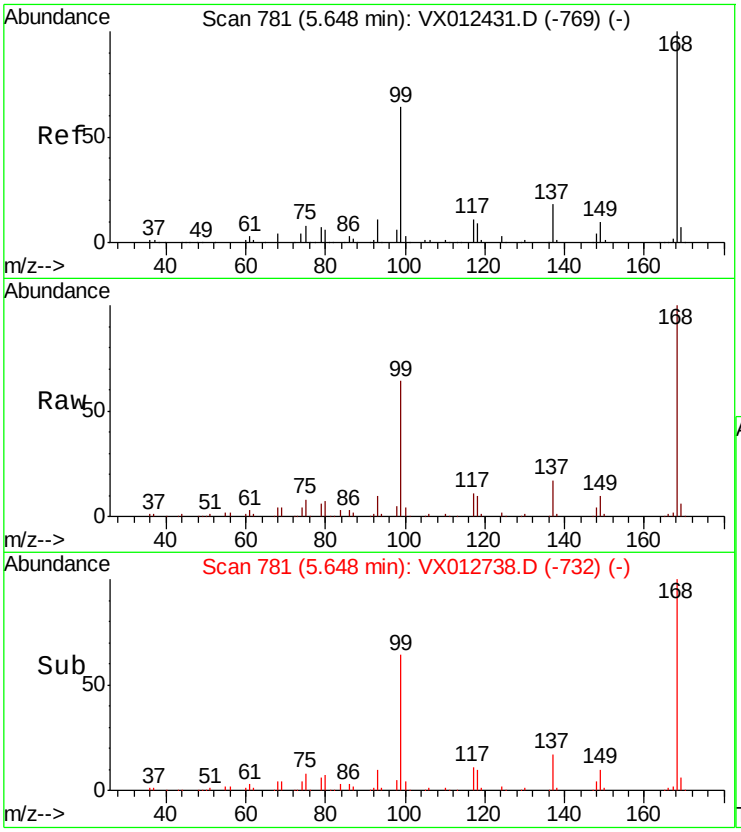
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
Data File : VX012738.D
Acq On : 01 Oct 2019 17:11
Operator : JC/SP
Sample : K5082-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Oct 02 01:47:53 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



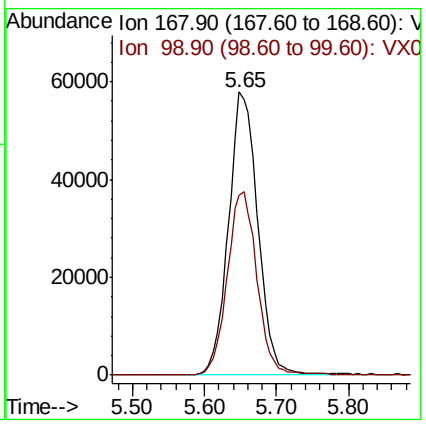


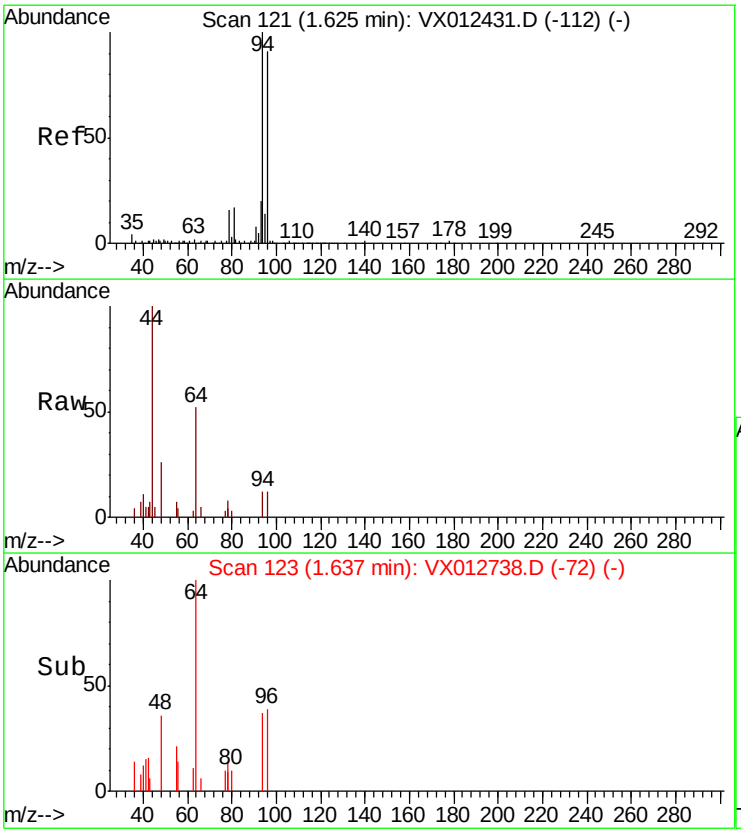

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:168 Resp: 163905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 63.6 | 51.4 | 77.2 |

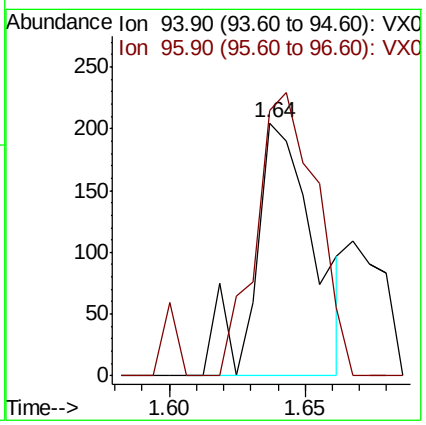


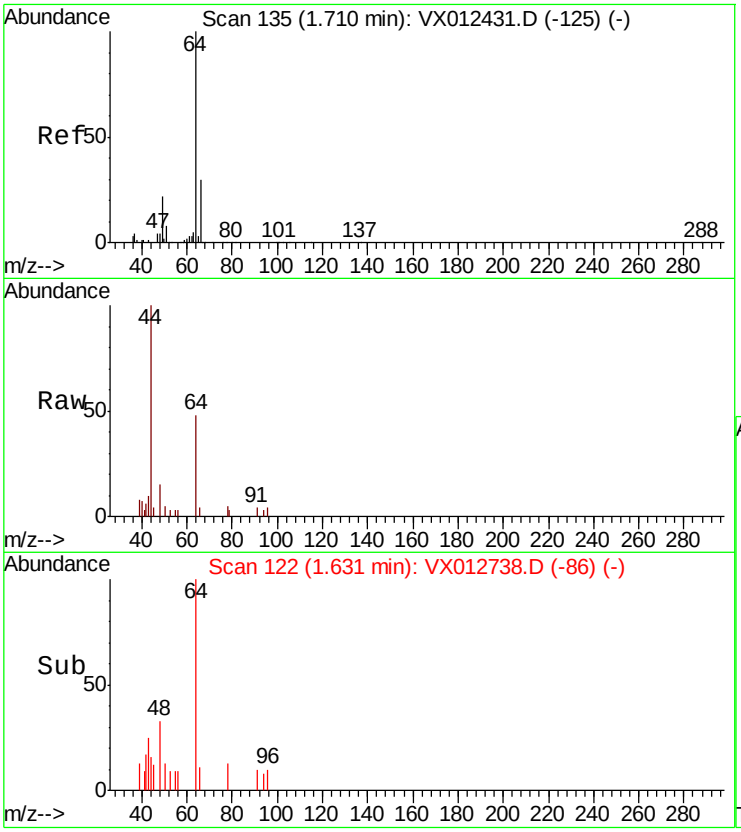




#5
Bromomethane
Concen: 0.373 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

Tgt Ion: 94 Resp: 309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 104.9 | 72.8 | 109.2 |



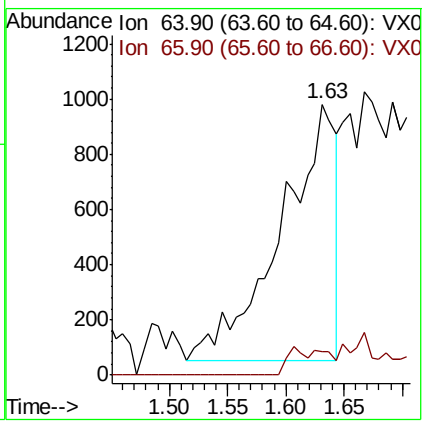


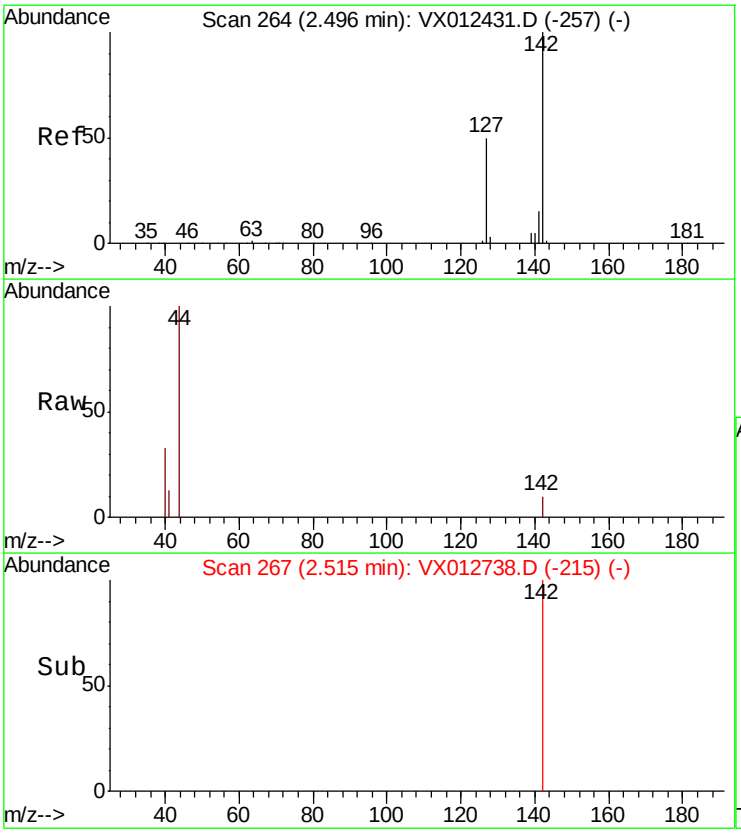

#6
Chloroethane
Concen: 2.132 ug/l
RT: 1.63 min Scan# 122
Delta R.T. -0.08 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 64 Resp: 3025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 9.2 | 24.0 | 36.0# |

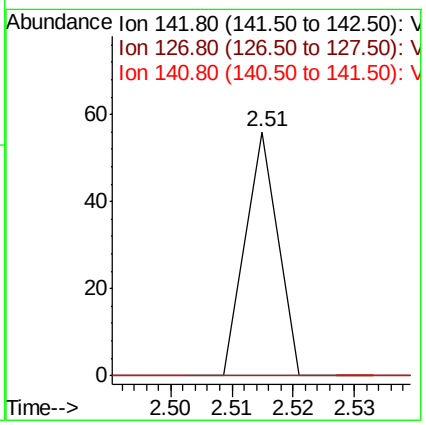


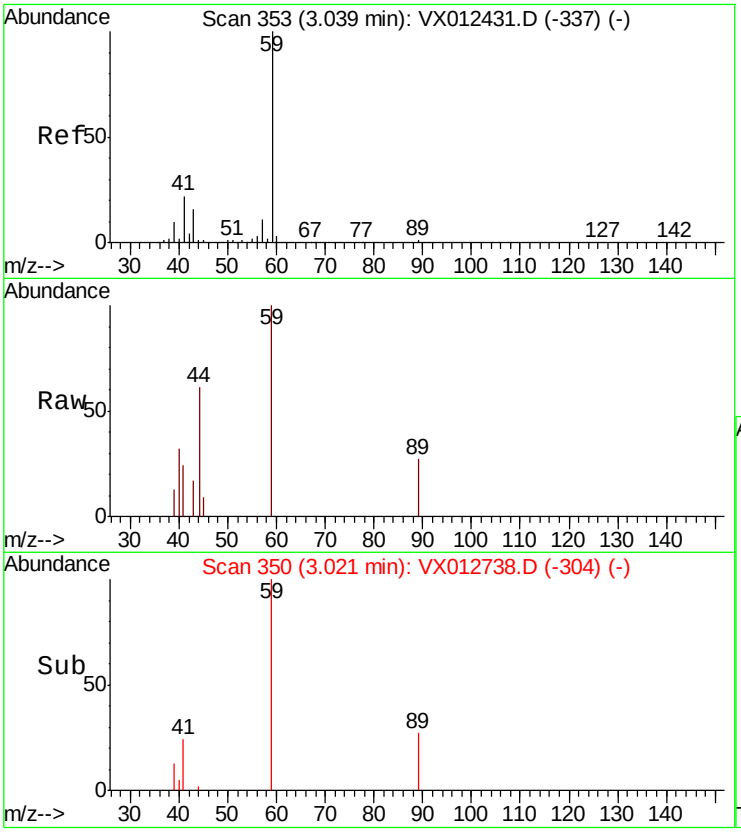




#10
Methyl Iodide
Concen: 4.962 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

Tgt Ion:142 Resp: 20

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



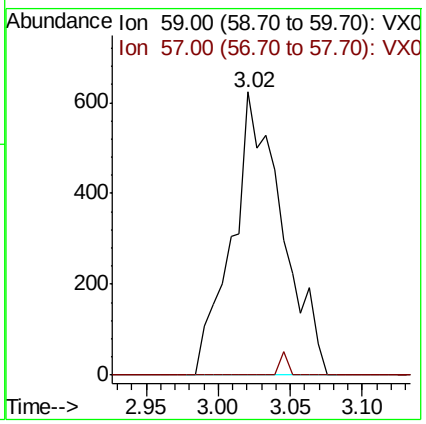


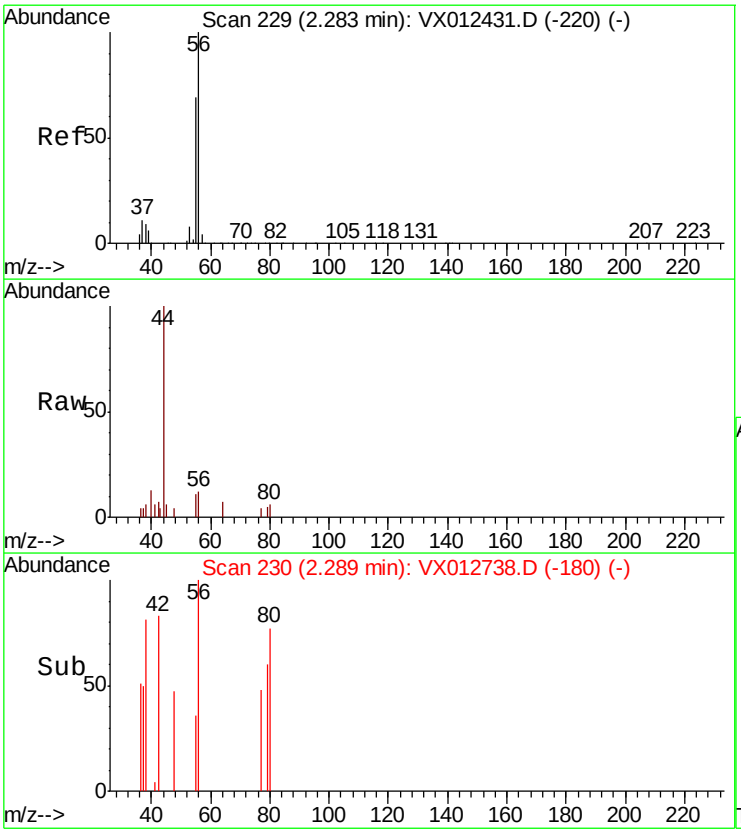

#11
Tert butyl alcohol
Concen: 2.517 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

**Instrument :** MSVOA_X
**ClientSampleId :**

Tgt Ion: 59 Resp: 1501

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

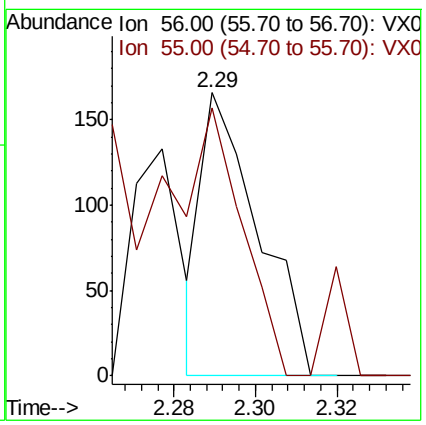


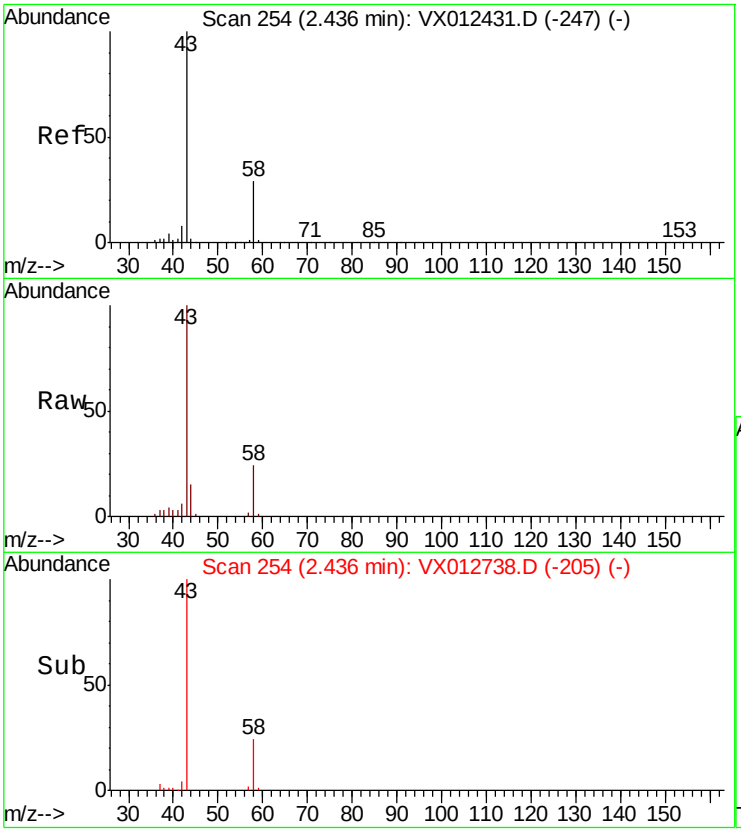




#13
Acrolein
Concen: 10.692 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

Tgt Ion: 56 Resp: 159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.1 | 55.8 | 83.8 |



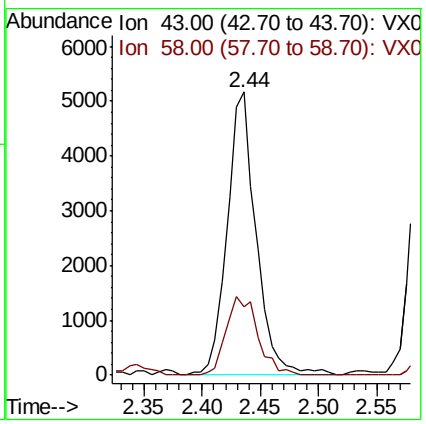


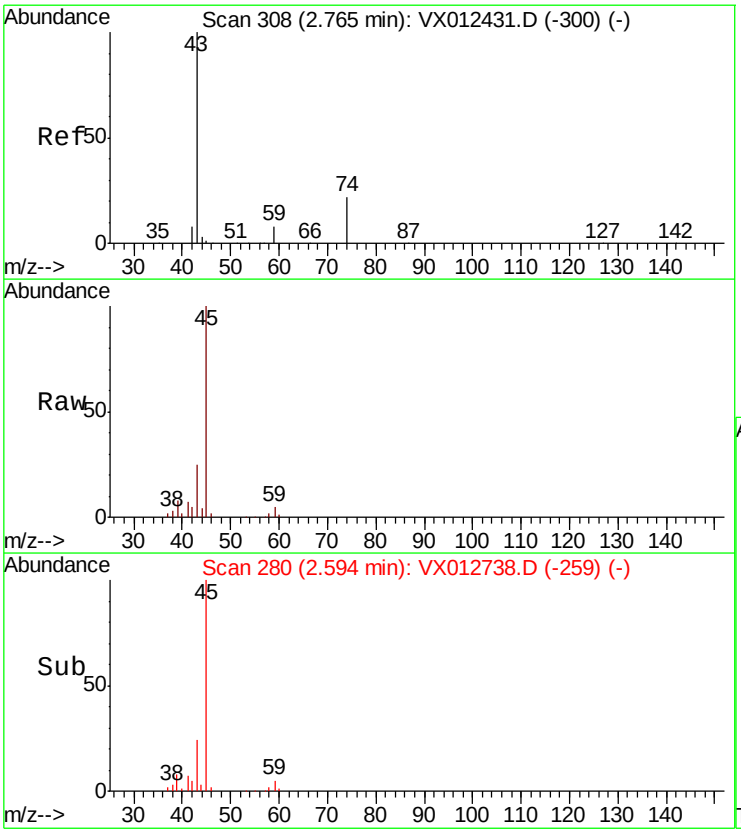

#16
Acetone
Concen: 7.085 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 8957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 24.2 | 23.3 | 34.9 |

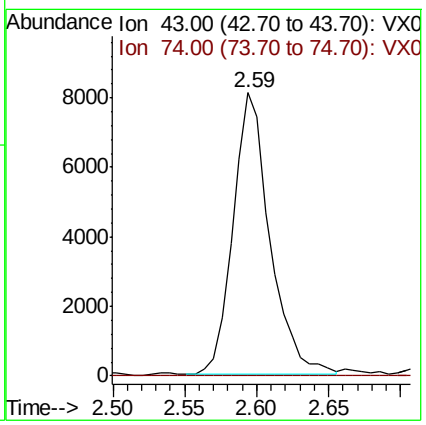


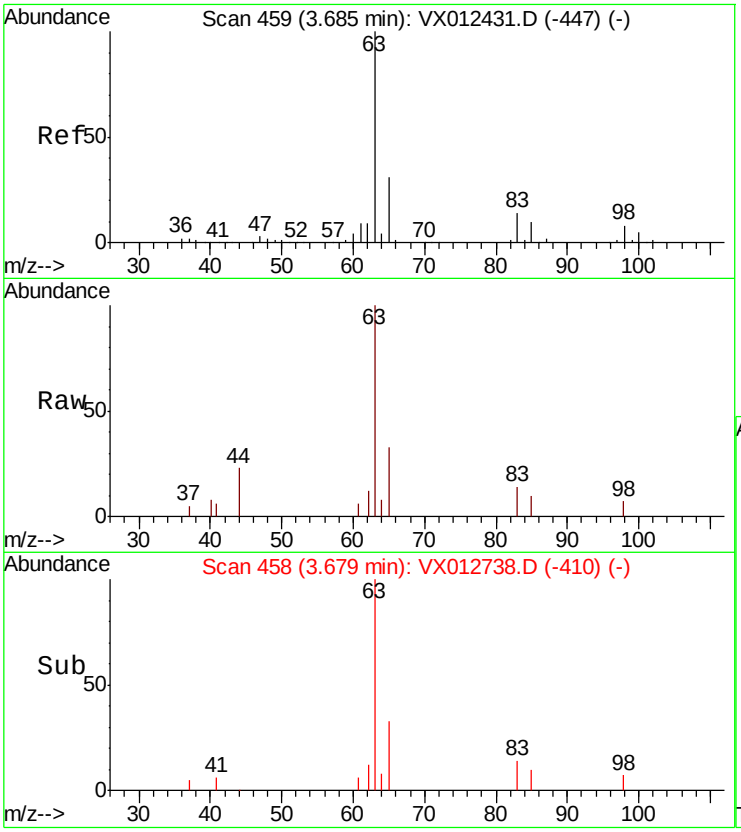




#18
Methyl Acetate
Concen: 4.820 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

Tgt Ion: 43 Resp: 14349

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



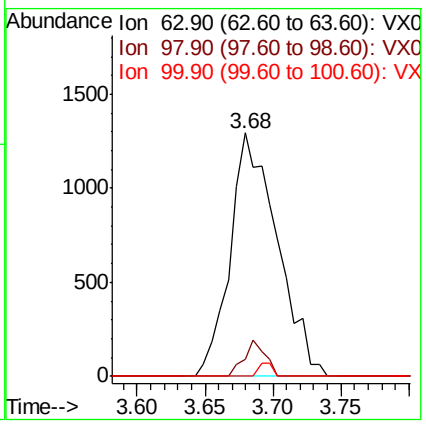


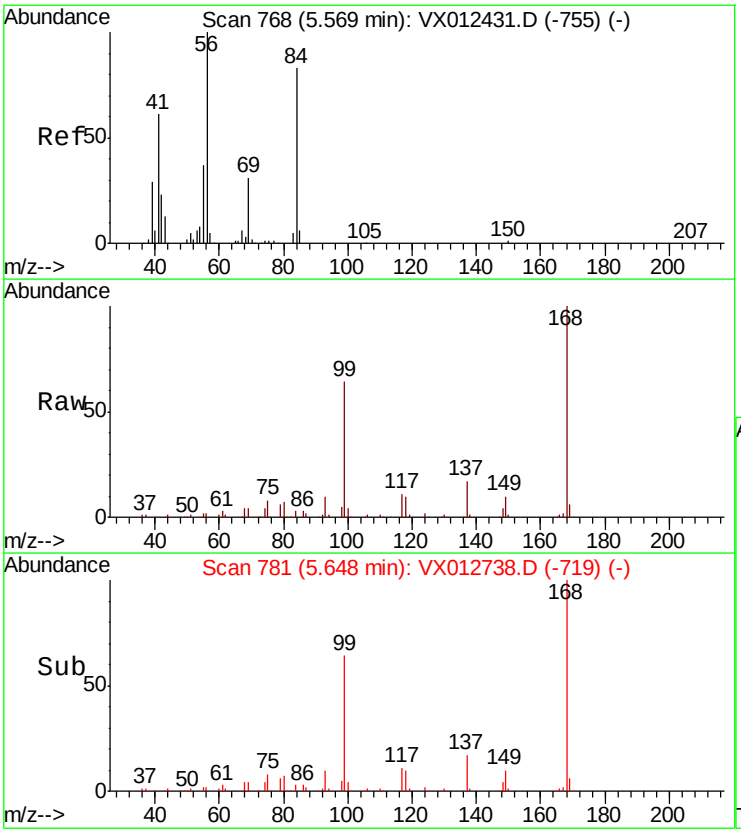

#24
1,1-Dichloroethane
Concen: 0.849 ug/l
RT: 3.68 min Scan# 458
Delta R.T. -0.01 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 63 Resp: 3117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.1 | 3.9 | 11.7 |
| 100 | 0.0 | 2.3 | 6.9# |

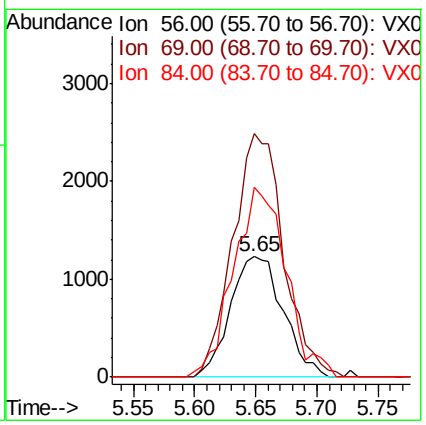


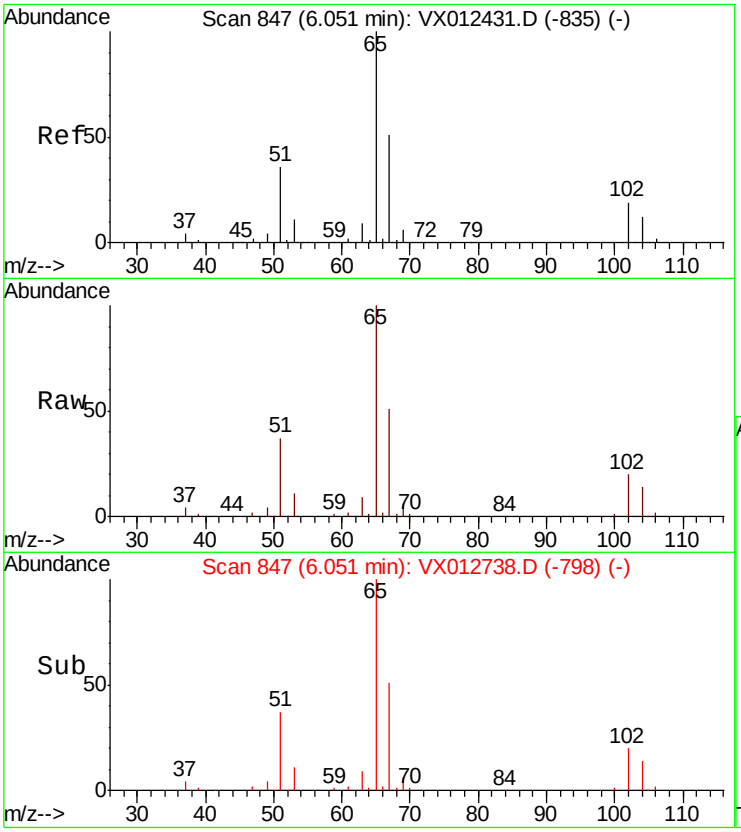




#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

Tgt Ion: 56 Resp: 3692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 202.6 | 25.0 | 37.6# |
| 84 | 157.6 | 66.4 | 99.6# |



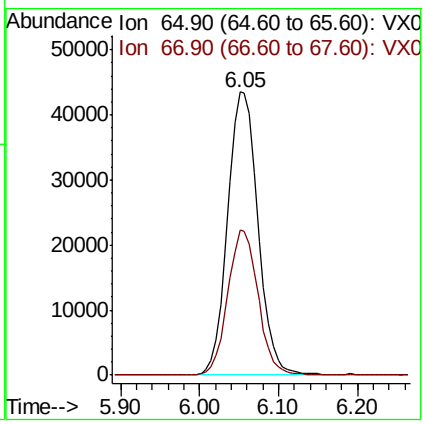


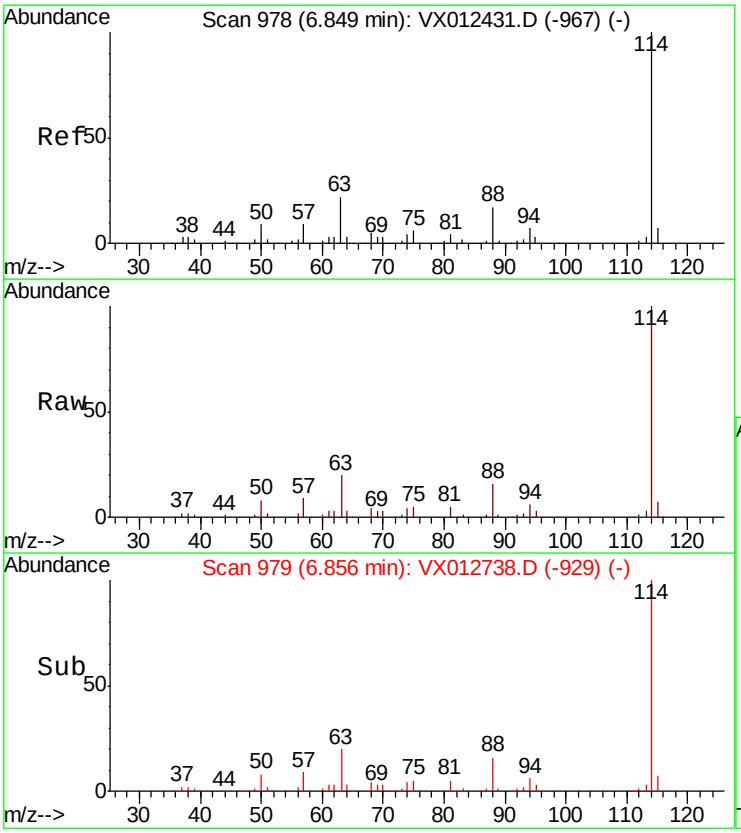

#33
1,2-Dichloroethane-d4
Concen: 48.860 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 65 Resp: 116618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.1 | 0.0 | 101.2 |

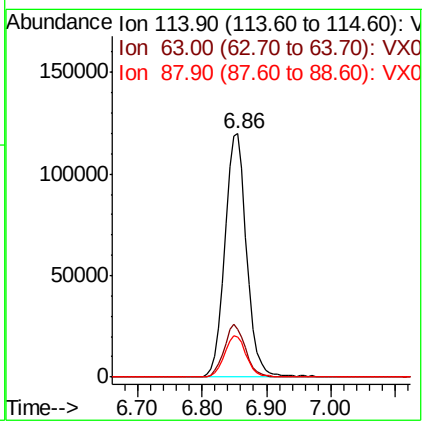


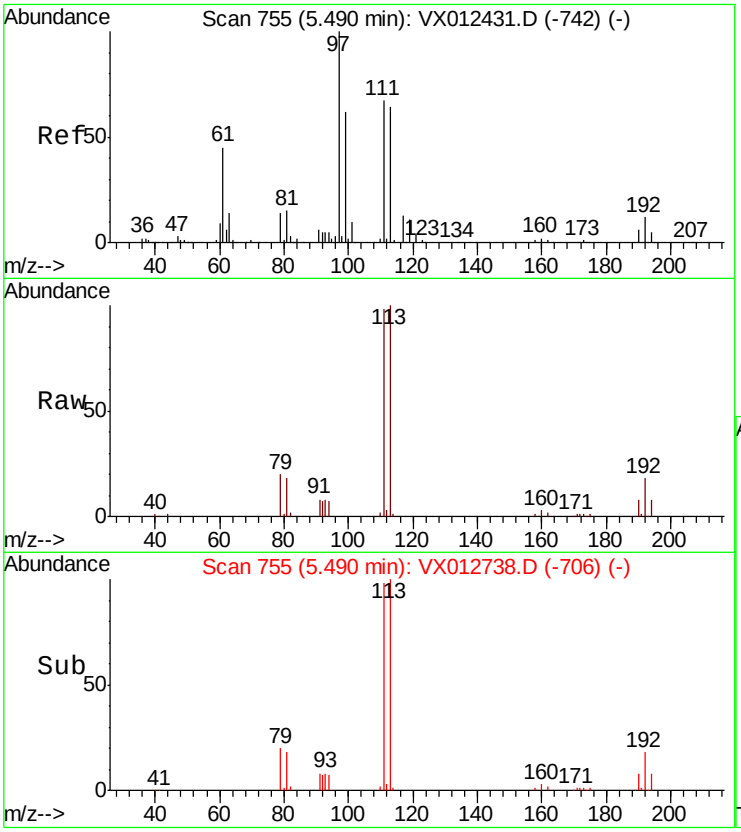




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

Tgt Ion:114 Resp: 285705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 43.2 |
| 88 | 16.4 | 0.0 | 33.2 |



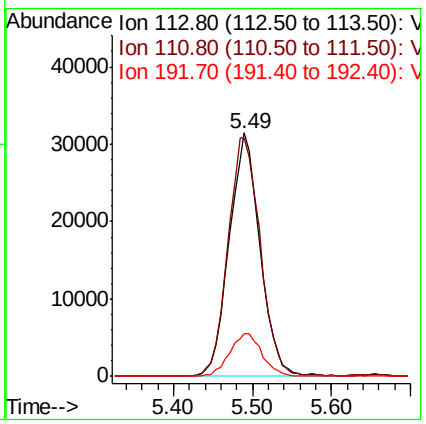


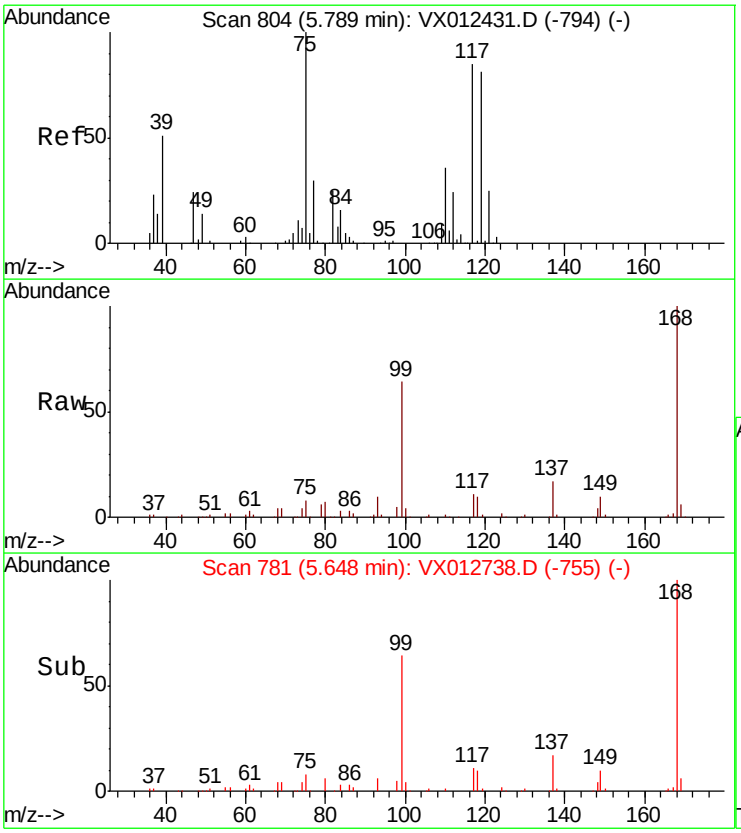

#35
Dibromofluoromethane
Concen: 50.133 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:113 Resp: 85301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.3 | 83.4 | 125.2 |
| 192 | 18.4 | 14.4 | 21.6 |

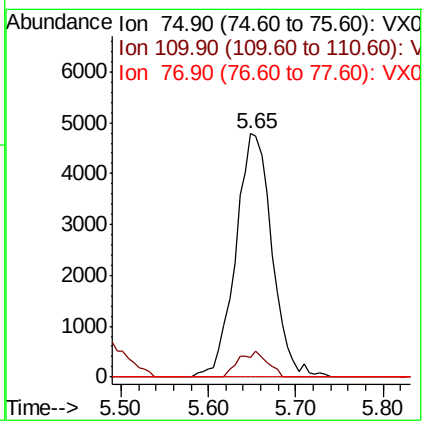


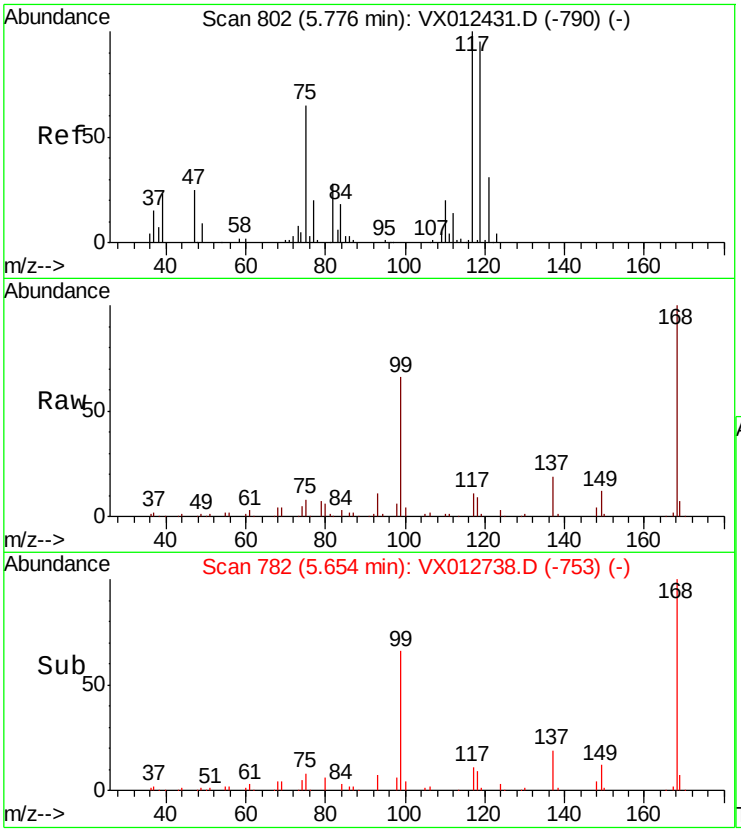




#36
1,1-Dichloropropene
Concen: 4.999 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

Tgt Ion: 75 Resp: 13767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.4 | 16.7 | 50.0# |
| 77 | 0.0 | 24.2 | 36.2# |



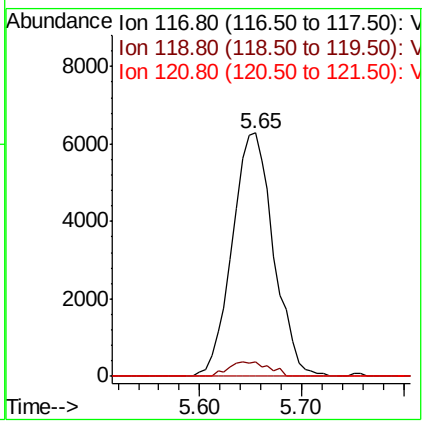


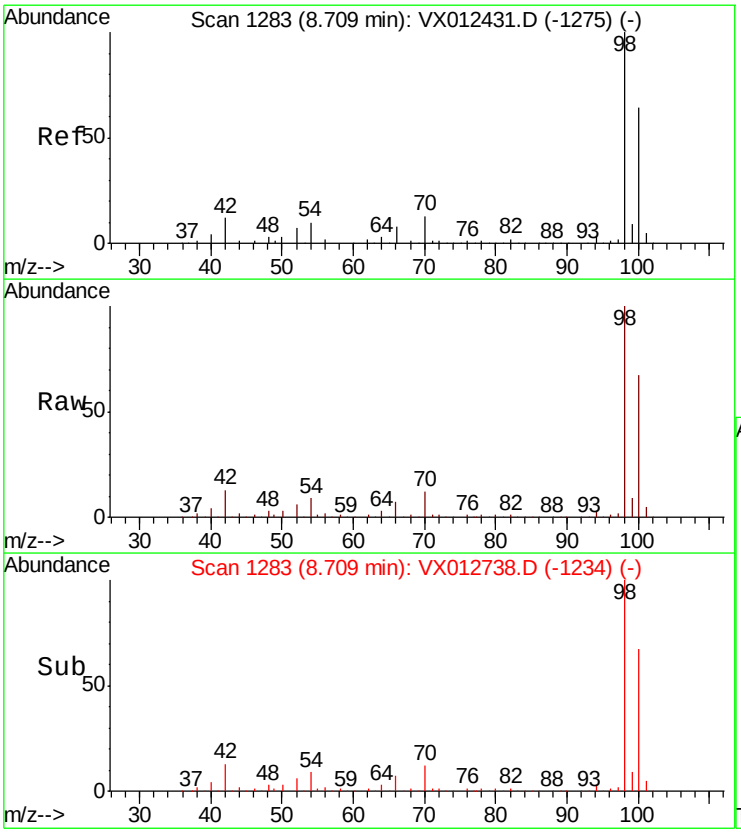

#38
Carbon Tetrachloride
Concen: 6.322 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:117 Resp: 17685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.0 | 75.7 | 113.5# |
| 121 | 0.0 | 24.2 | 36.4# |

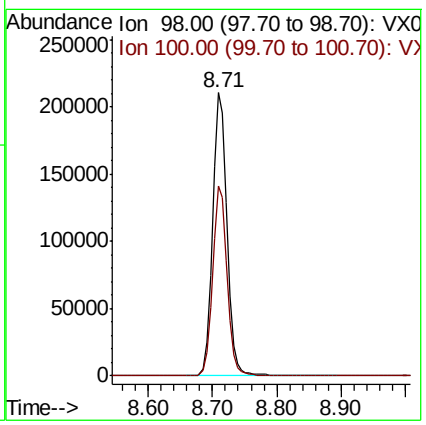


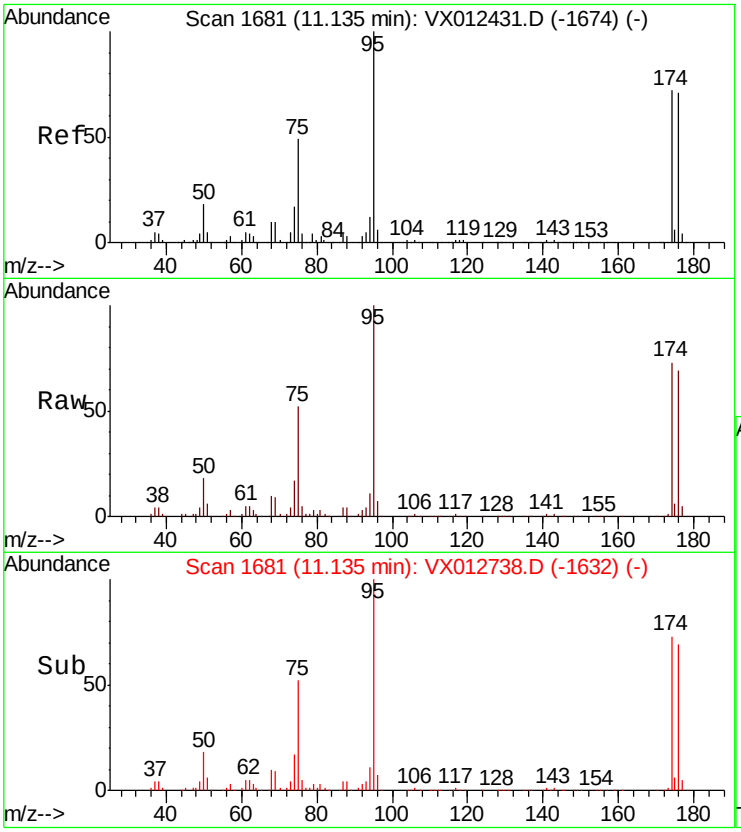




#50
Toluene-d8
Concen: 50.582 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

Tgt Ion: 98 Resp: 331440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.3 | 53.4 | 80.2 |



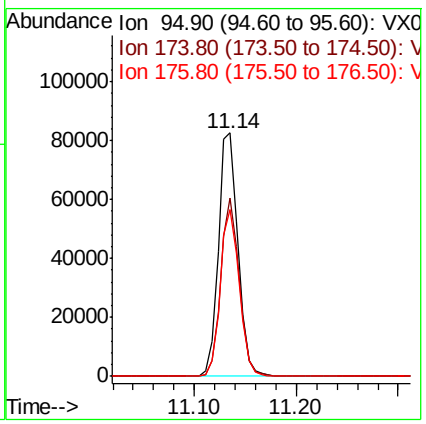


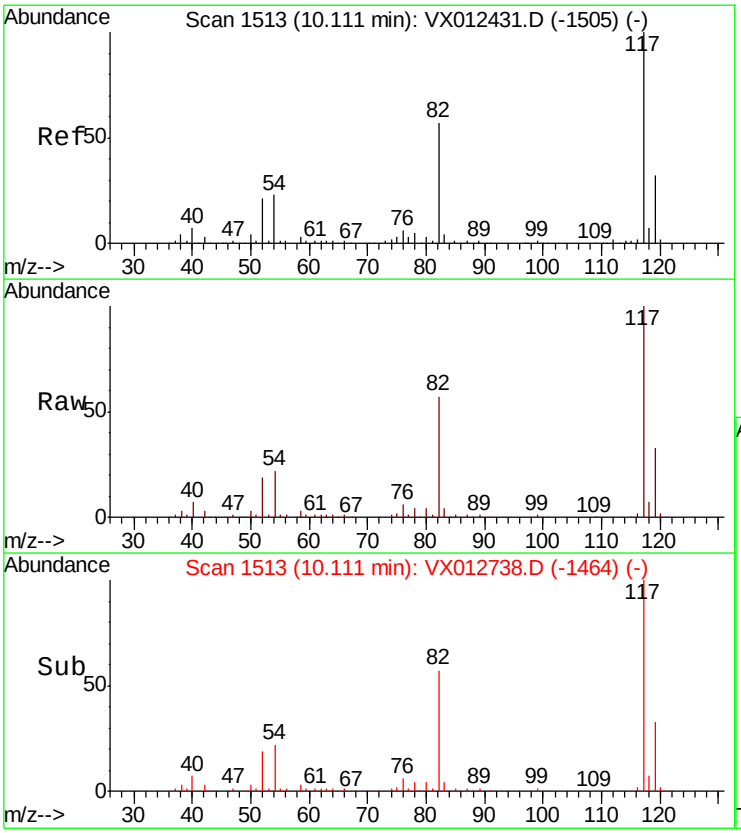

#62
4-Bromofluorobenzene
Concen: 43.068 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 95 Resp: 110964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 68.9 | 0.0 | 140.0 |
| 176 | 66.3 | 0.0 | 135.4 |

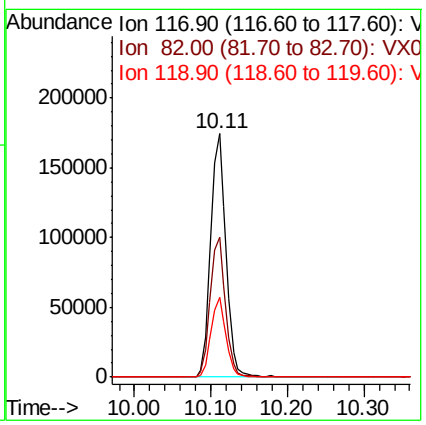


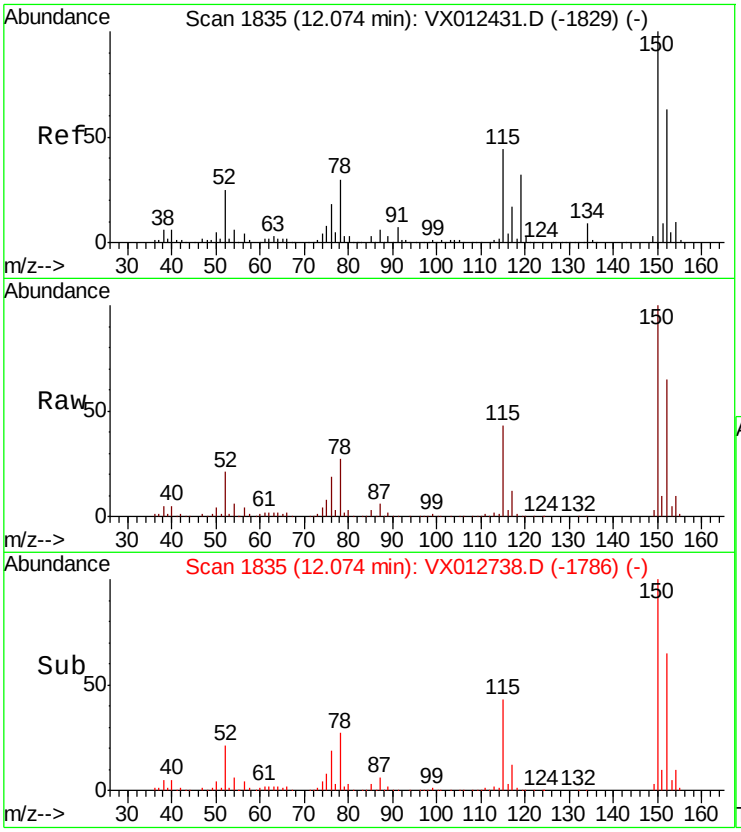




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

Tgt Ion:117 Resp: 241653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.4 | 45.9 | 68.9 |
| 119 | 32.7 | 25.3 | 37.9 |



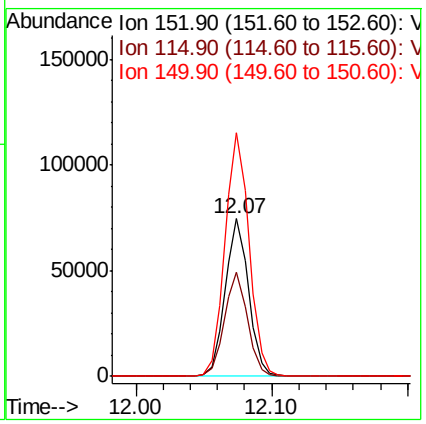


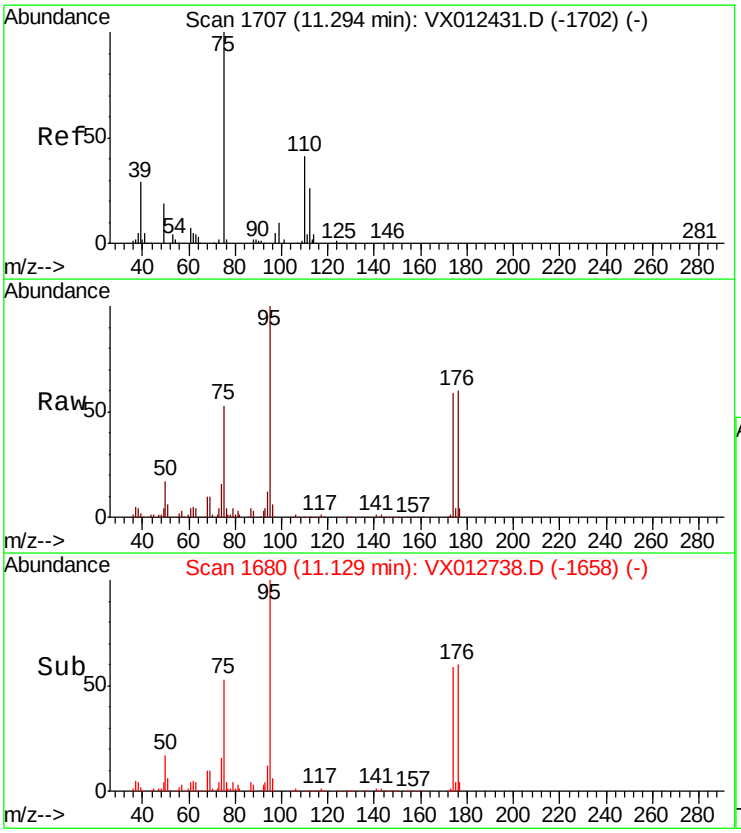

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:152 Resp: 88864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 65.0 | 44.1 | 132.3 |
| 150 | 159.4 | 0.0 | 343.8 |

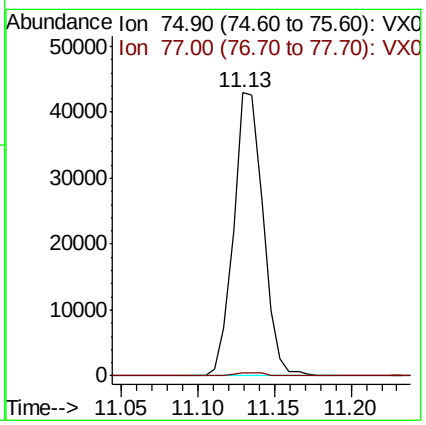


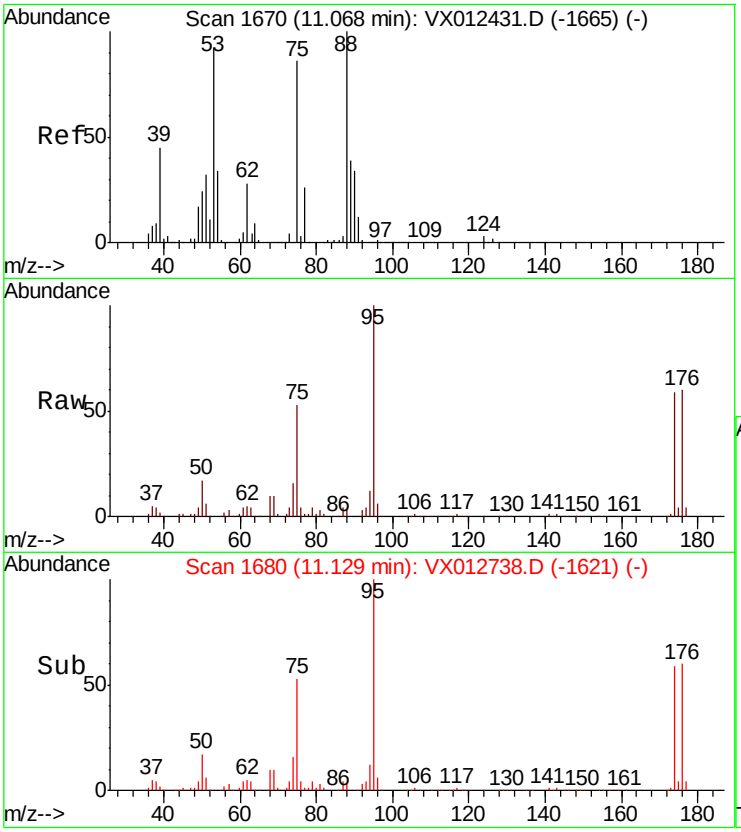




#76
1,2,3-Trichloropropane
Concen: 24.450 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

Tgt Ion: 75 Resp: 57474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 19.7 | 59.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 70.068 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012738.D
Acq: 01 Oct 2019 17:11

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 57474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 83.6 | 125.4# |
| 89 | 0.1 | 36.3 | 54.5# |