Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011719\
Data File : VX007103.D
Acq On : 17 Jan 2019 22:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Quant Time: Jan 18 05:05:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 503890 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 749914 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 683074 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 352441 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 259355 | 49.25 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.50% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 236467 | 49.24 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.48% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 874341 | 49.74 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.48% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 308292 | 50.31 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.62% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 205126 | 49.572 | ug/l | 98 |
| 3) Chloromethane | 1.33 | 50 | 224566 | 46.619 | ug/l | 97 |
| 4) Vinyl Chloride | 1.41 | 62 | 242984 | 46.892 | ug/l | 97 |
| 5) Bromomethane | 1.64 | 94 | 241343 | 43.594 | ug/l | 100 |
| 6) Chloroethane | 1.71 | 64 | 164632 | 45.502 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 400777 | 47.868 | ug/l | 100 |
| 8) Diethyl Ether | 2.19 | 74 | 160937 | 48.316 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 236552 | 47.192 | ug/l | 99 |
| 10) Methyl Iodide | 2.51 | 142 | 349194 | 51.644 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.09 | 59 | 318820 | 256.651 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 217586 | 46.983 | ug/l | 97 |
| 13) Acrolein | 2.30 | 56 | 134709 | 251.420 | ug/l | 98 |
| 14) Allyl chloride | 2.73 | 41 | 383806 | 48.357 | ug/l | 98 |
| 15) Acrylonitrile | 3.15 | 53 | 739314 | 259.252 | ug/l | 100 |
| 16) Acetone | 2.45 | 43 | 635093 | 243.949 | ug/l | 98 |
| 17) Carbon Disulfide | 2.57 | 76 | 494871 | 41.505 | ug/l | 99 |
| 18) Methyl Acetate | 2.78 | 43 | 398347 | 52.837 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.21 | 73 | 803174 | 49.967 | ug/l | 99 |
| 20) Methylene Chloride | 2.85 | 84 | 256172 | 51.755 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 237499 | 46.019 | ug/l | 99 |
| 22) Diisopropyl ether | 3.87 | 45 | 738150 | 49.470 | ug/l | 94 |
| 23) Vinyl Acetate | 3.82 | 43 | 3050051 | 242.387 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 404847 | 48.523 | ug/l | 100 |
| 25) 2-Butanone | 4.70 | 43 | 948401 | 254.600 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.58 | 77 | 273370 | 42.609 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 270716 | 47.556 | ug/l | 99 |
| 28) Bromochloromethane | 5.02 | 49 | 177605 | 48.585 | ug/l | 96 |
| 29) Tetrahydrofuran | 5.15 | 42 | 617315 | 255.002 | ug/l | 97 |
| 30) Chloroform | 5.21 | 83 | 426787 | 48.856 | ug/l | 97 |
| 31) Cyclohexane | 5.57 | 56 | 340557 | 45.860 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 360595 | 48.701 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 304370 | 46.683 | ug/l | 99 |
| 37) Ethyl Acetate | 4.86 | 43 | 350694 | 50.171 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 313215 | 47.748 | ug/l | 93 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011719\
Data File : VX007103.D
Acq On : 17 Jan 2019 22:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Quant Time: Jan 18 05:05:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 372278 | 44.789 | ug/l | 98 |
| 40) Benzene | 6.14 | 78 | 940492 | 47.275 | ug/l | 100 |
| 41) Methacrylonitrile | 5.06 | 41 | 193456 | 48.043 | ug/l | 98 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 327966 | 47.707 | ug/l | 100 |
| 43) Isopropyl Acetate | 6.46 | 43 | 563564 | 51.114 | ug/l | 98 |
| 44) Trichloroethene | 7.21 | 130 | 273703 | 45.912 | ug/l | 98 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 245765 | 49.139 | ug/l | 95 |
| 46) Dibromomethane | 7.66 | 93 | 171304 | 48.735 | ug/l | 97 |
| 47) Bromodichloromethane | 7.90 | 83 | 301465 | 50.386 | ug/l | 98 |
| 48) Methyl methacrylate | 7.77 | 41 | 286200 | 50.547 | ug/l | 97 |
| 49) 1,4-Dioxane | 7.76 | 88 | 134270 | 1038.733 | ug/l | 98 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 1871646 | 264.143 | ug/l | 99 |
| 52) Toluene | 8.79 | 92 | 610915 | 47.778 | ug/l | 97 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 329775 | 49.706 | ug/l | 97 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 368681 | 50.320 | ug/l | 98 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 264975 | 51.773 | ug/l | 98 |
| 56) Ethyl methacrylate | 9.18 | 69 | 393635 | 52.684 | ug/l | 96 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 420456 | 50.145 | ug/l | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 997280 | 259.600 | ug/l | 99 |
| 59) 2-Hexanone | 9.49 | 43 | 1415711 | 262.182 | ug/l | 99 |
| 60) Dibromochloromethane | 9.59 | 129 | 267595 | 53.845 | ug/l | 98 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 286854 | 50.911 | ug/l | 99 |
| 64) Tetrachloroethene | 9.34 | 164 | 273136 | 46.186 | ug/l | 96 |
| 65) Chlorobenzene | 10.14 | 112 | 714944 | 47.989 | ug/l | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 261531 | 52.183 | ug/l | 98 |
| 67) Ethyl Benzene | 10.25 | 91 | 1187494 | 48.282 | ug/l | 98 |
| 68) m/p-Xylenes | 10.36 | 106 | 934861 | 96.476 | ug/l | 100 |
| 69) o-Xylene | 10.70 | 106 | 459648 | 48.639 | ug/l | 98 |
| 70) Styrene | 10.71 | 104 | 744413 | 49.736 | ug/l | 99 |
| 71) Bromoform | 10.86 | 173 | 202419 | 45.603 | ug/l | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 1223067 | 49.214 | ug/l | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 506154 | 50.585 | ug/l | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 387922 | 49.168 | ug/l | 99 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 438610 | 61.412 | ug/l | 91 |
| 77) Bromobenzene | 11.26 | 156 | 328979 | 48.043 | ug/l | 99 |
| 78) n-propylbenzene | 11.36 | 91 | 1353364 | 49.606 | ug/l | 99 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 797516 | 48.562 | ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 997748 | 48.048 | ug/l | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 105655 | 45.049 | ug/l | 98 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 918473 | 48.303 | ug/l | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 1027384 | 49.588 | ug/l | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 1026816 | 49.173 | ug/l | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 1217980 | 49.224 | ug/l | 99 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 1087050 | 49.116 | ug/l | 99 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 586792 | 47.410 | ug/l | 100 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 585617 | 49.938 | ug/l | 100 |
| 89) n-Butylbenzene | 12.39 | 91 | 928076 | 49.190 | ug/l | 98 |
| 90) Hexachloroethane | 12.60 | 117 | 170013 | 48.227 | ug/l | 96 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 581151 | 47.579 | ug/l | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 85438 | 54.754 | ug/l | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007103.D
Acq On : 17 Jan 2019 22:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Quant Time: Jan 18 05:05:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 412408 | 49.214 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 190573 | 51.247 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 1284492 | 50.585 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 408591 | 49.083 | ug/l | 99 |

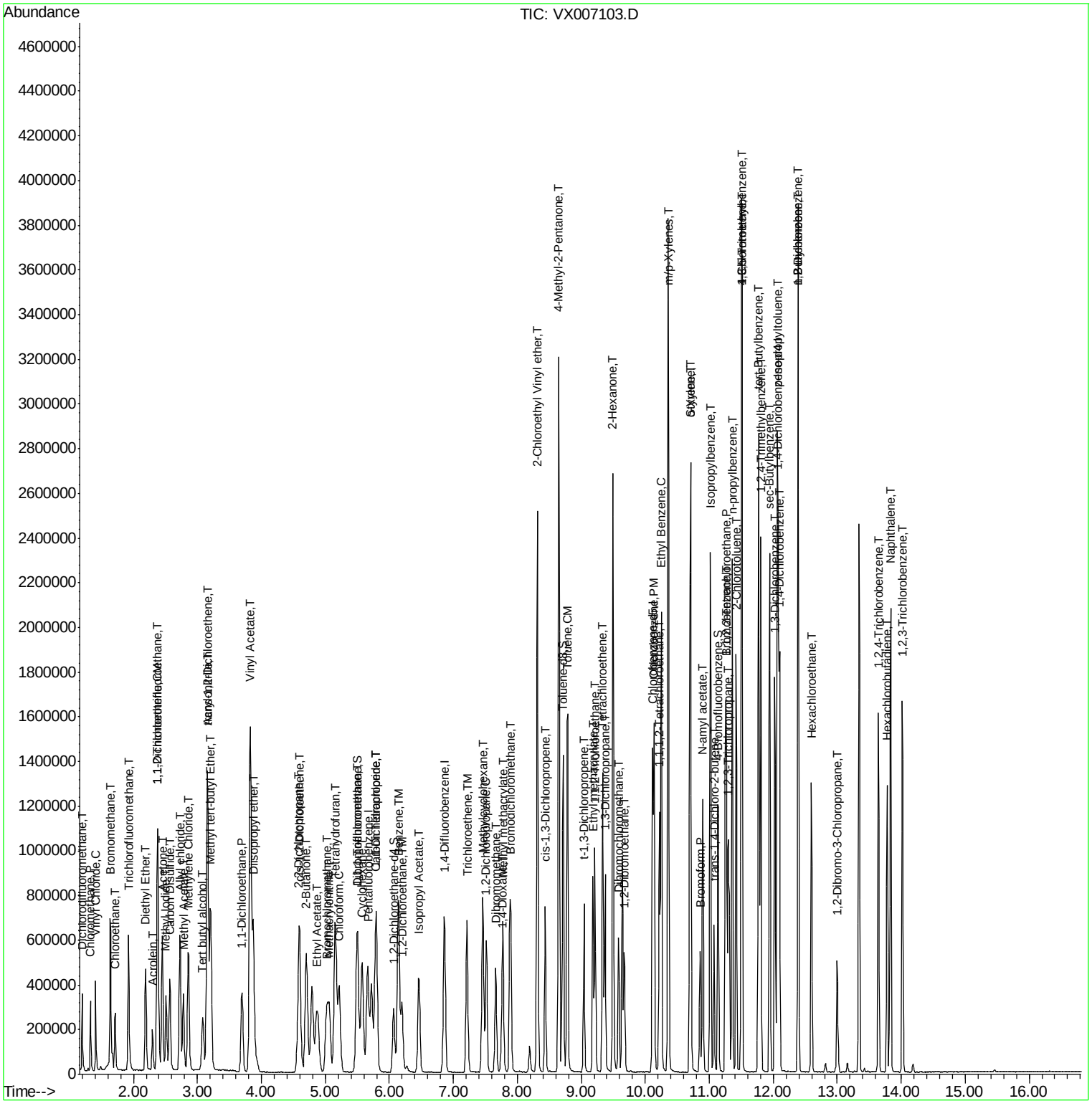
(#) = qualifier out of range (m) = manual integration (+) = signals summed

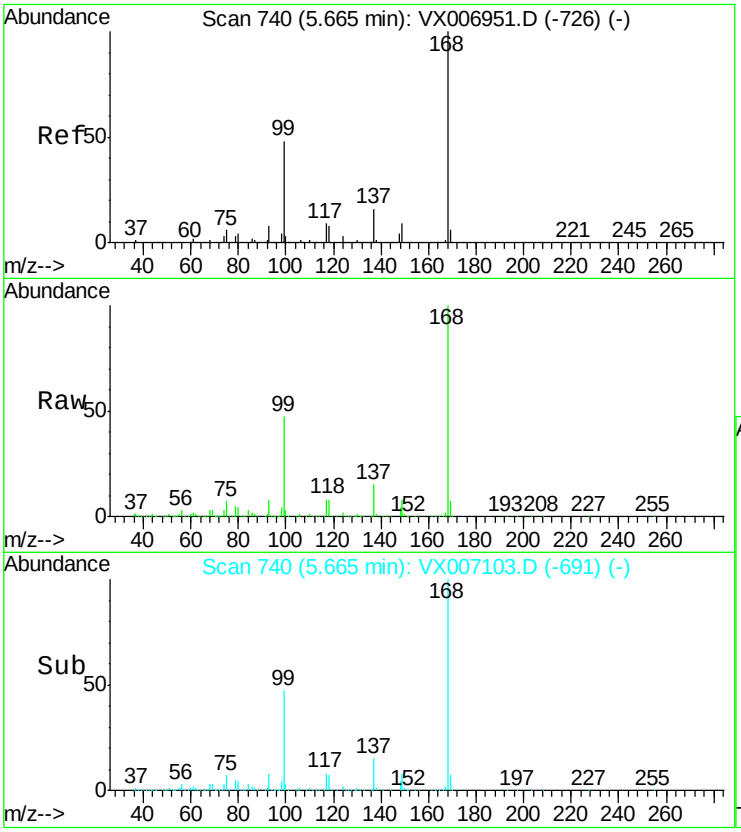
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011719\
Data File : VX007103.D
Acq On : 17 Jan 2019 22:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Quant Time: Jan 17 23:55:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration



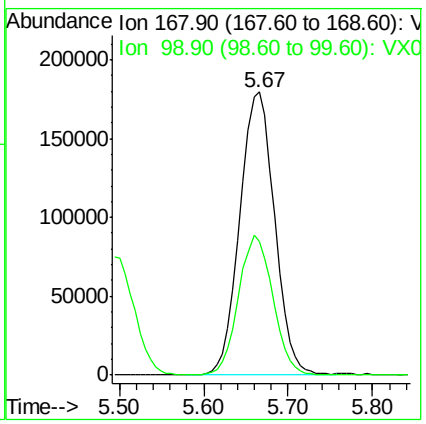


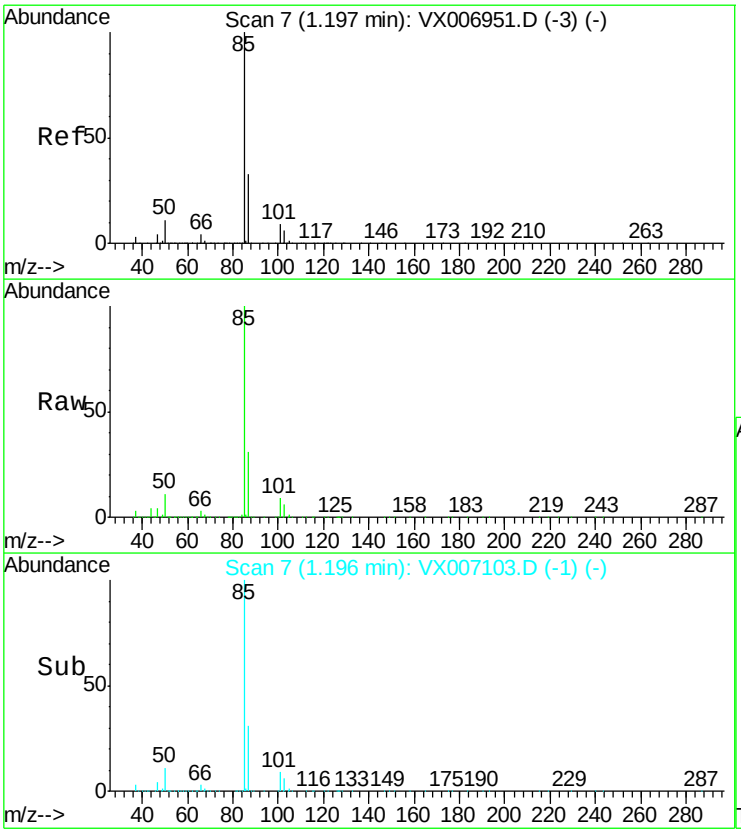

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:168 Resp: 503890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 46.9 | 41.8 | 62.8 |

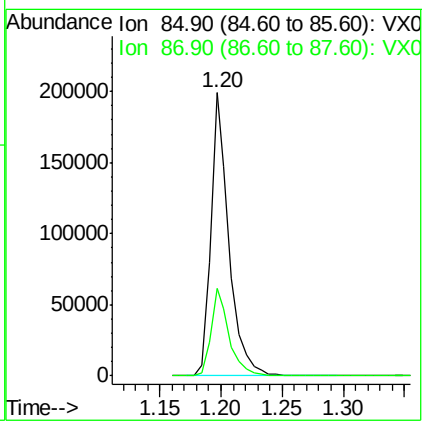


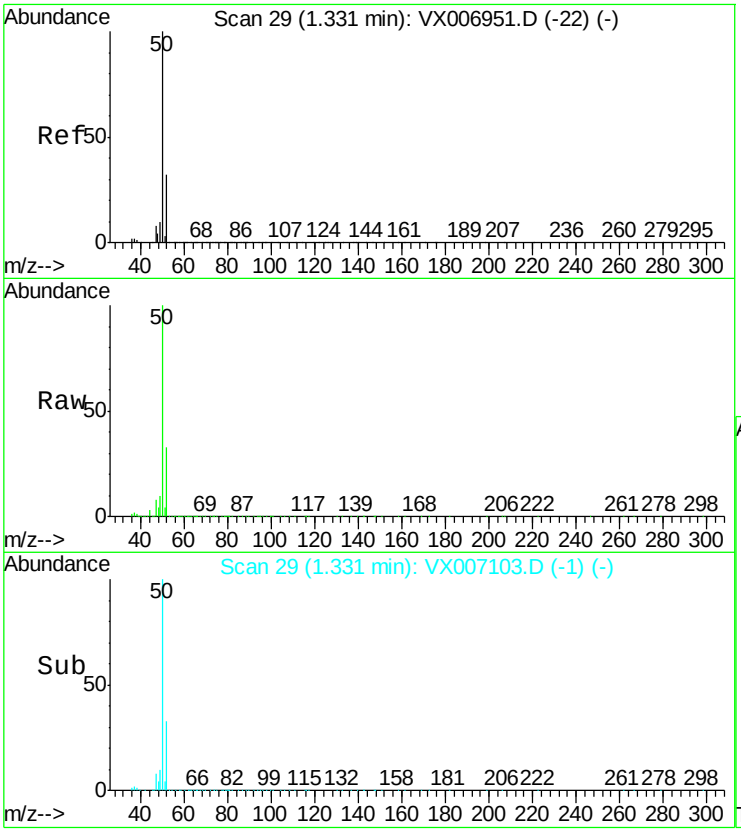




#2
Dichlorodifluoromethane
Concen: 49.572 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 85 Resp: 205126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.8 | 15.9 | 47.6 |



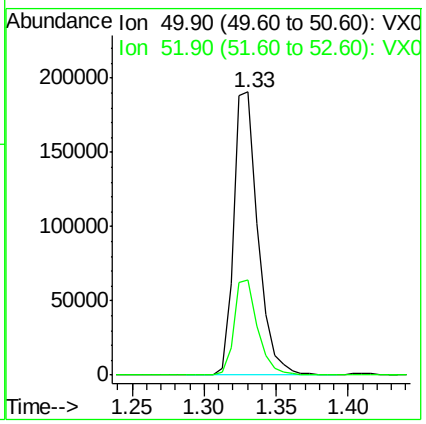


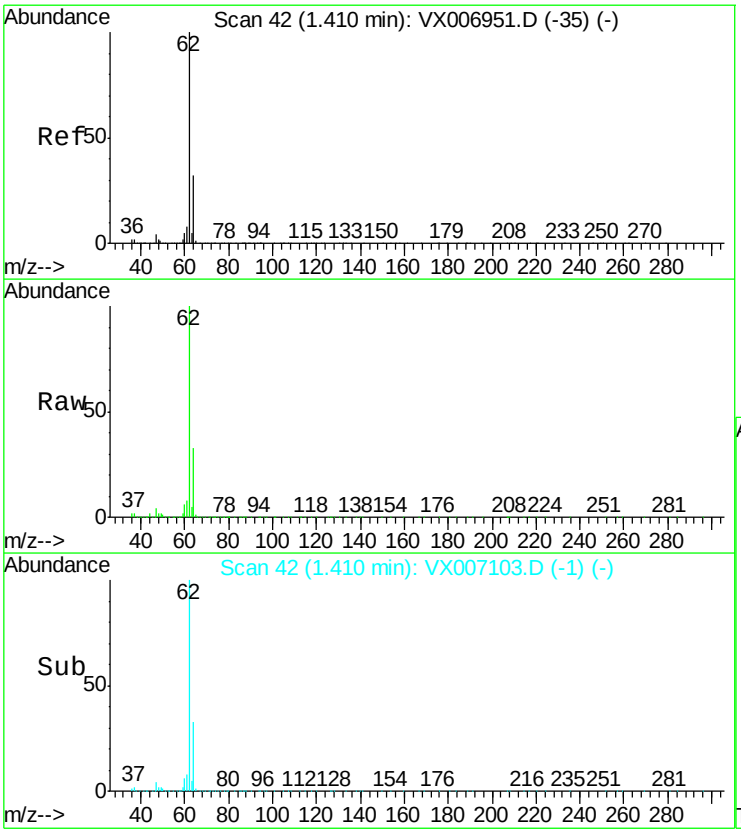

#3
Chloromethane
Concen: 46.619 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 50 Resp: 224566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.4 | 25.4 | 38.2 |

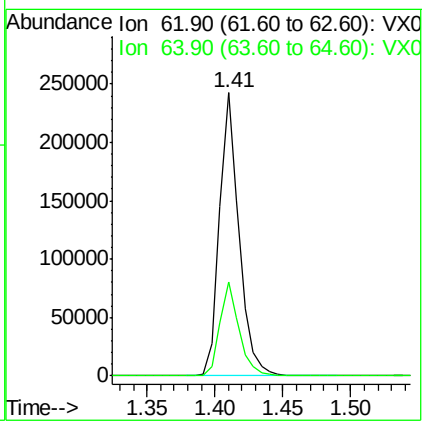


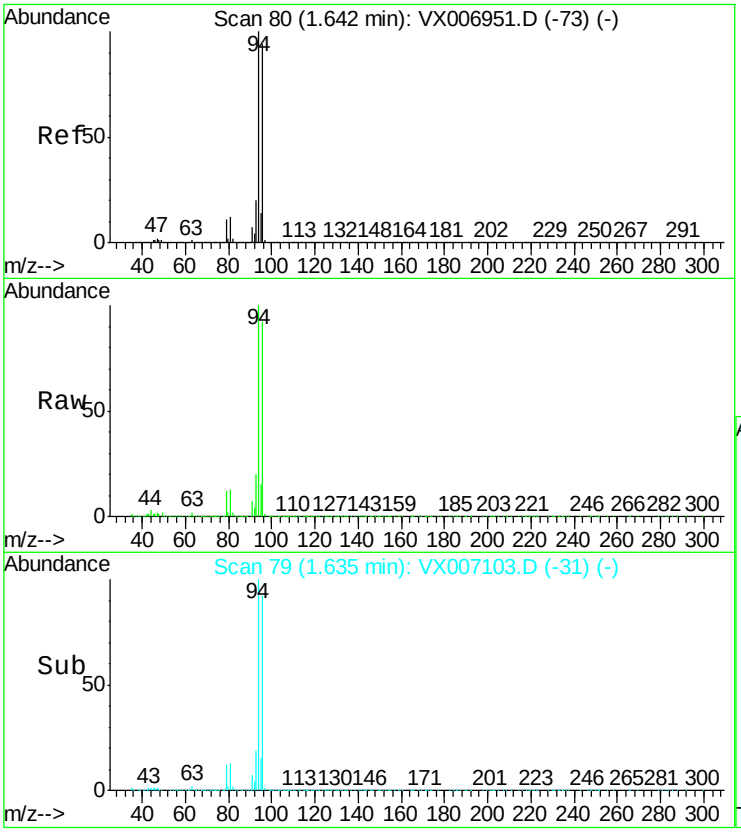




#4
Vinyl Chloride
Concen: 46.892 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 62 Resp: 242984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.0 | 25.1 | 37.7 |



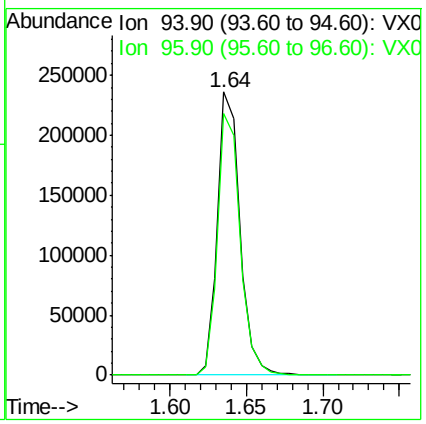


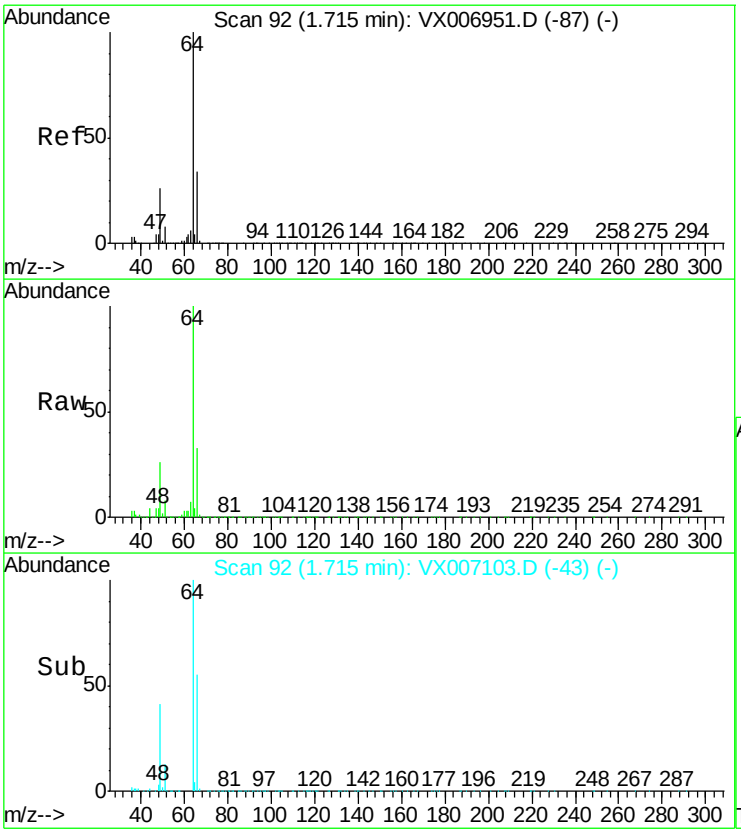

#5
Bromomethane
Concen: 43.594 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 94 Resp: 241343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.2 | 73.4 | 110.2 |

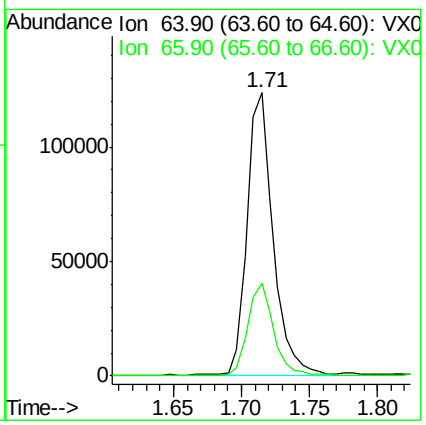


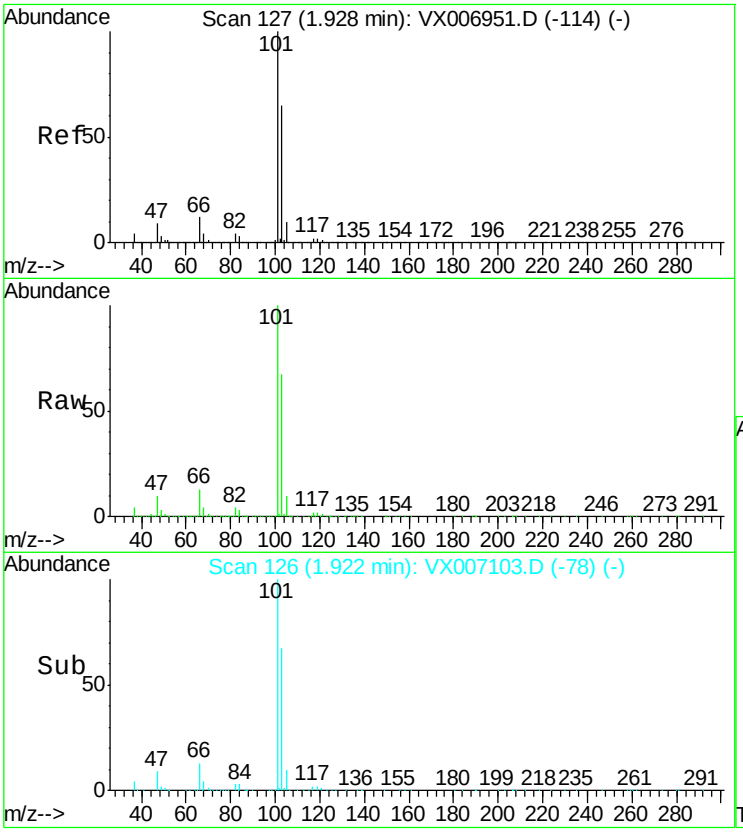




#6
Chloroethane
Concen: 45.502 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 64 Resp: 164632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.7 | 26.4 | 39.6 |



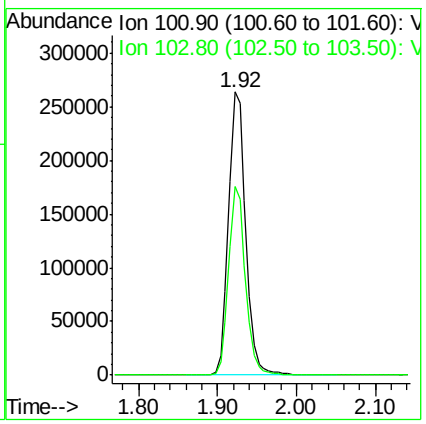


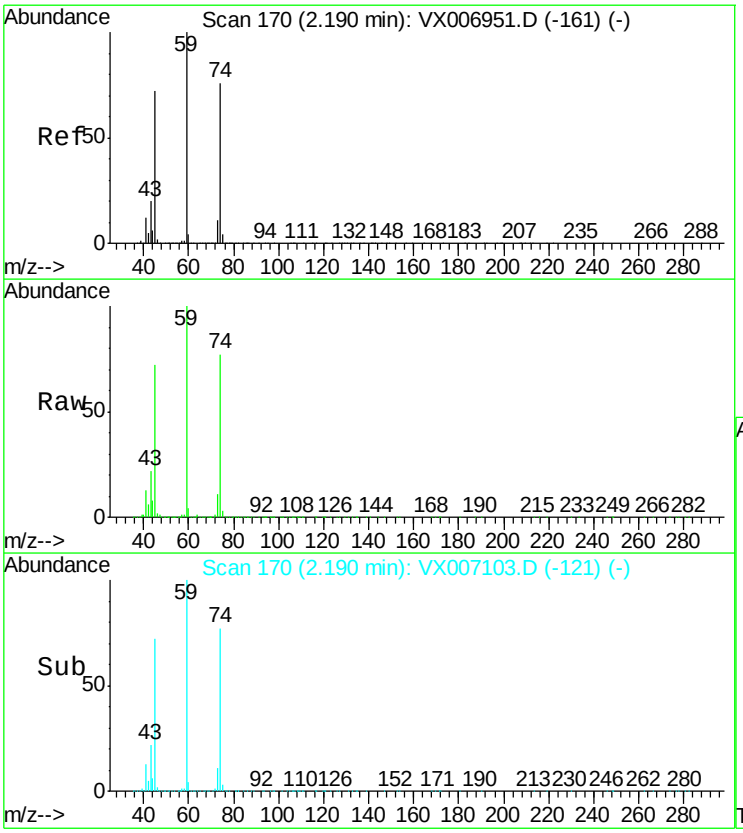

#7
Trichlorofluoromethane
Concen: 47.868 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 400777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.9 | 53.2 | 79.8 |

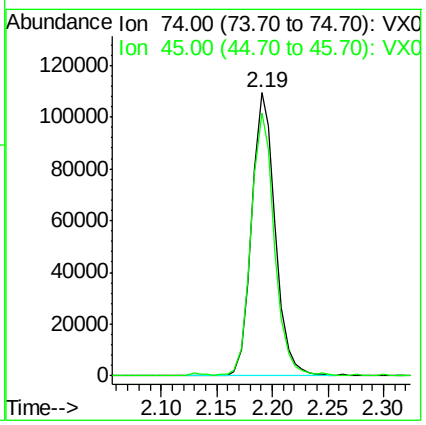


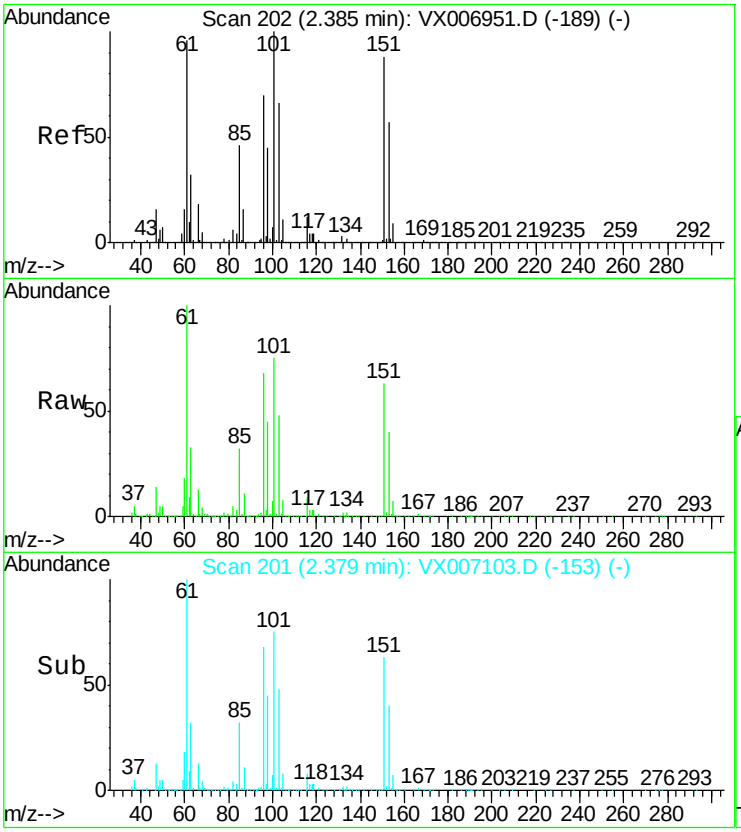




#8
Diethyl Ether
Concen: 48.316 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 74 Resp: 160937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 92.0 | 46.3 | 138.9 |



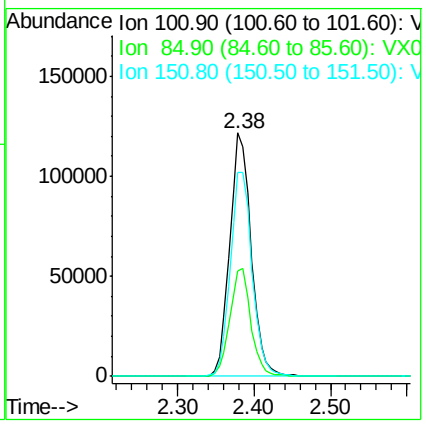


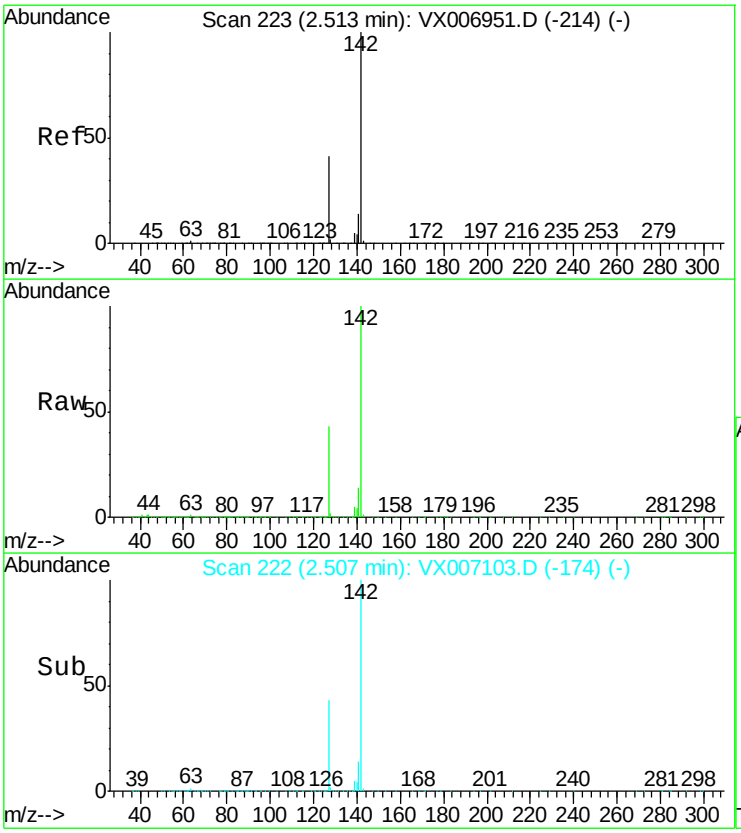

#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.192 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 236552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.4 | 35.1 | 52.7 |
| 151 | 85.7 | 68.9 | 103.3 |

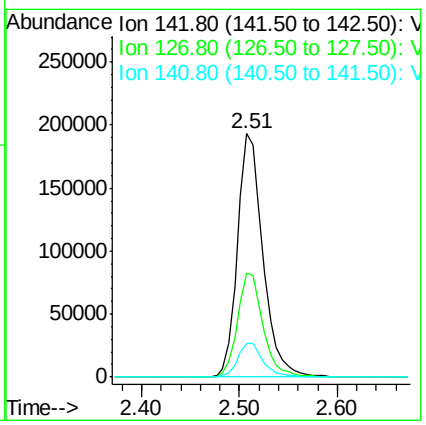


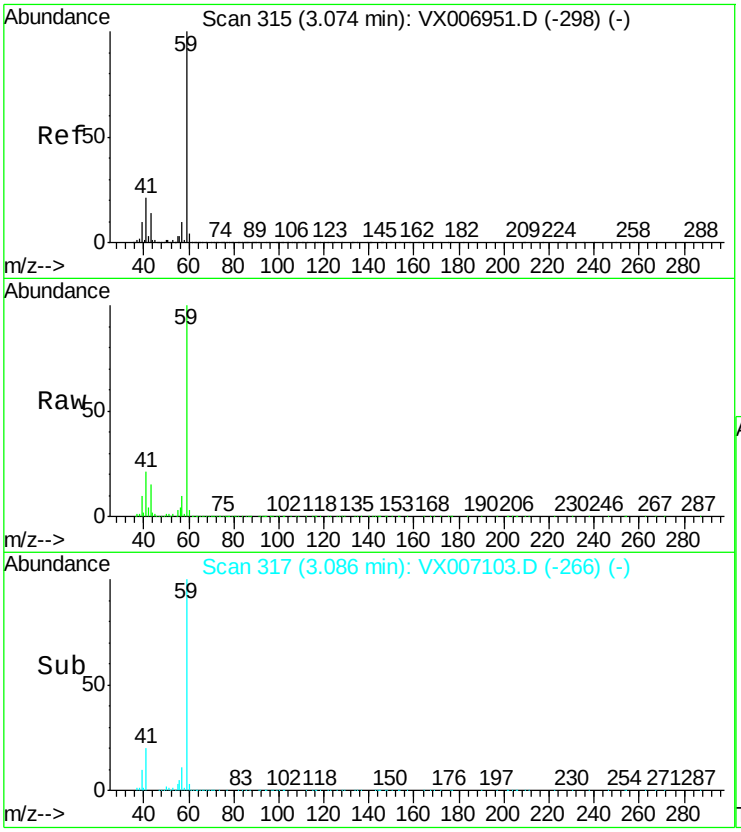




#10
Methyl Iodide
Concen: 51.644 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:142 Resp: 349194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.3 | 33.9 | 50.9 |
| 141 | 14.1 | 11.4 | 17.0 |



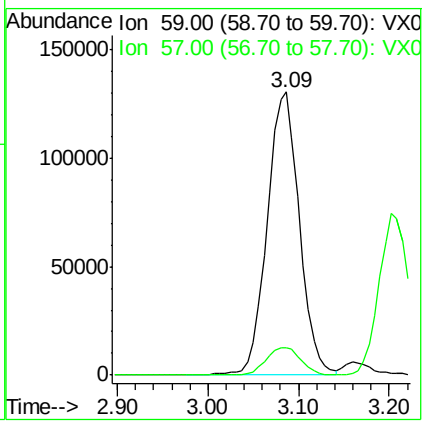


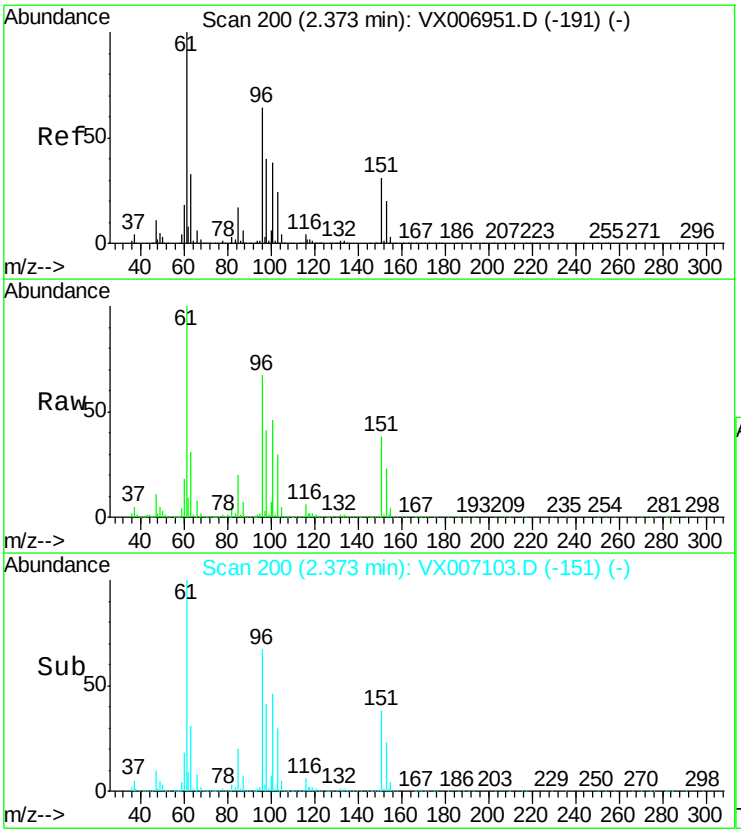

#11
Tert butyl alcohol
Concen: 256.651 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 59 Resp: 318820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.2 | 8.5 | 12.7 |

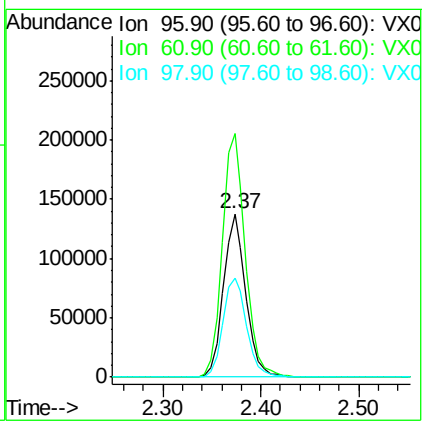


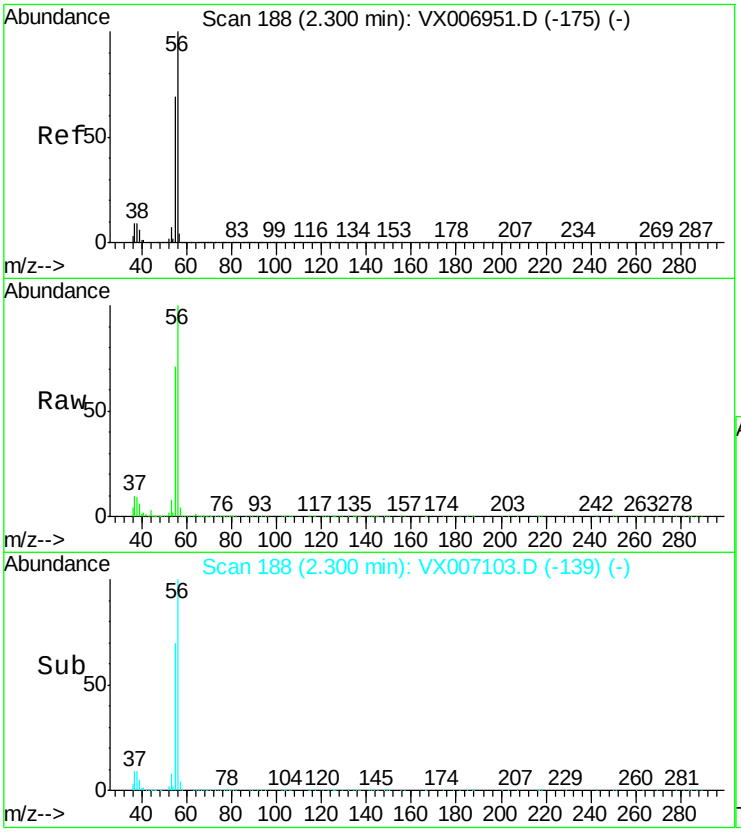




#12
1,1-Dichloroethene
Concen: 46.983 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 96 Resp: 217586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 148.8 | 121.4 | 182.2 |
| 98 | 60.4 | 51.9 | 77.9 |



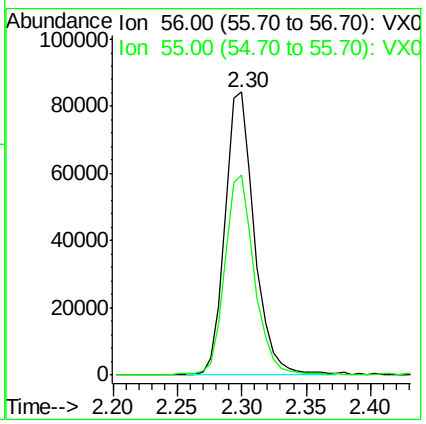


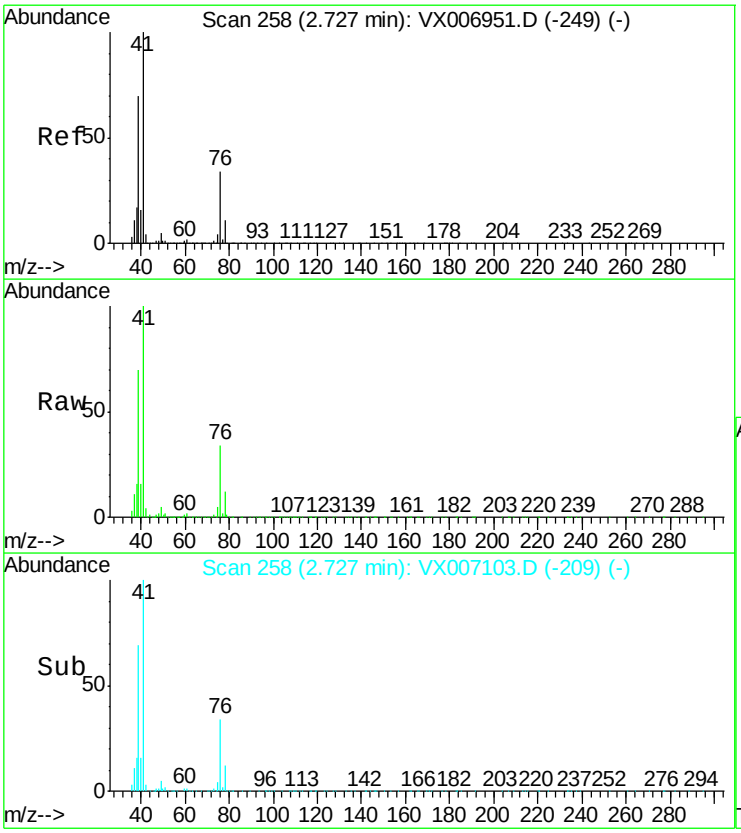

#13
Acrolein
Concen: 251.420 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 134709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.7 | 58.2 | 87.4 |

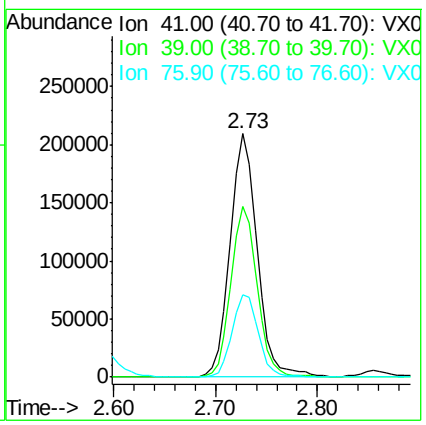


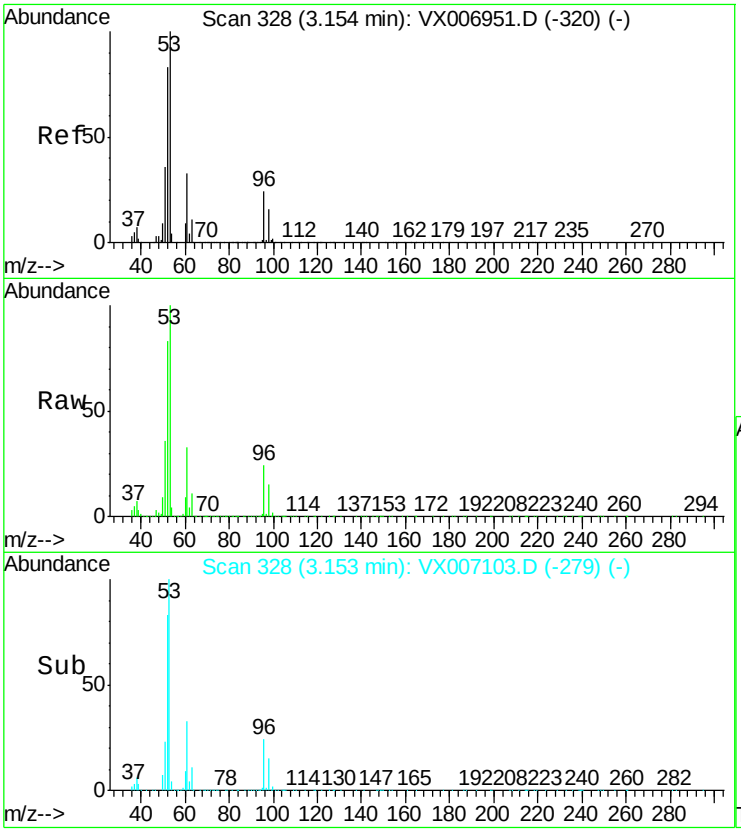




#14
Allyl chloride
Concen: 48.357 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 41 Resp: 383806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 68.0 | 53.6 | 80.4 |
| 76 | 32.8 | 27.4 | 41.2 |



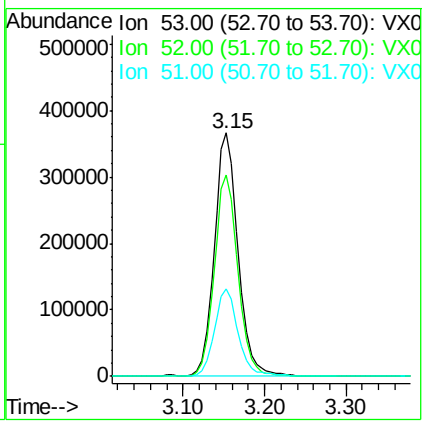


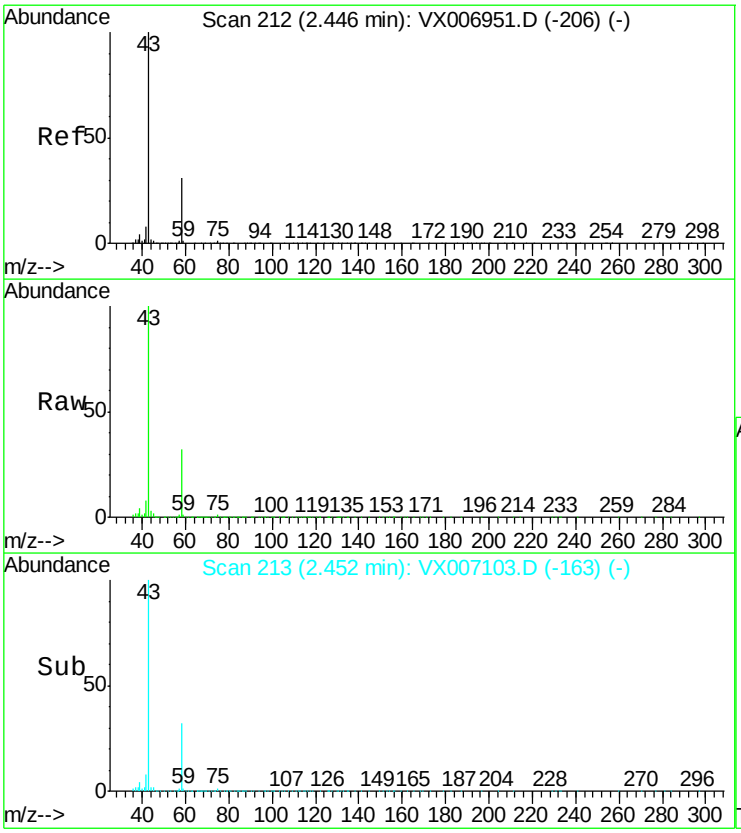

#15
Acrylonitrile
Concen: 259.252 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 53 Resp: 739314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.6 | 66.0 | 99.0 |
| 51 | 36.1 | 28.6 | 42.8 |

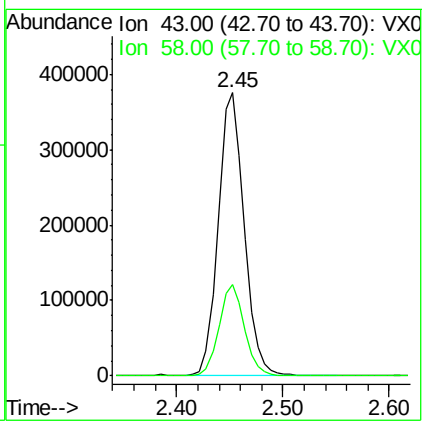


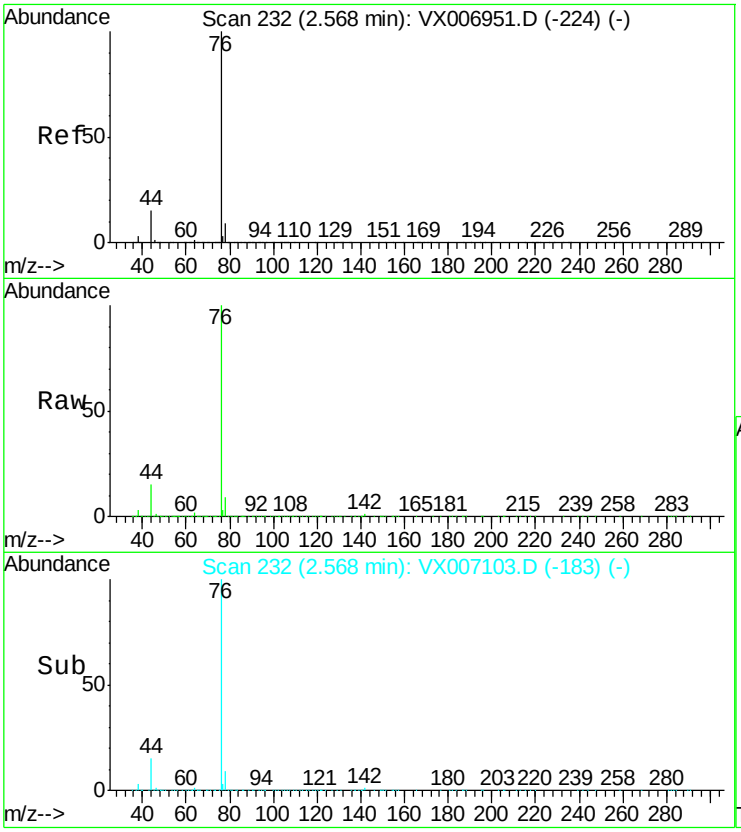




#16
Acetone
Concen: 243.949 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 43 Resp: 635093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.3 | 25.0 | 37.6 |



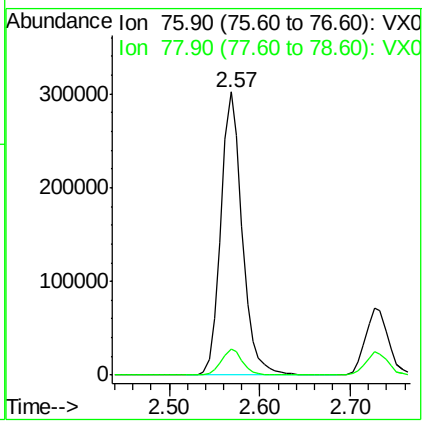


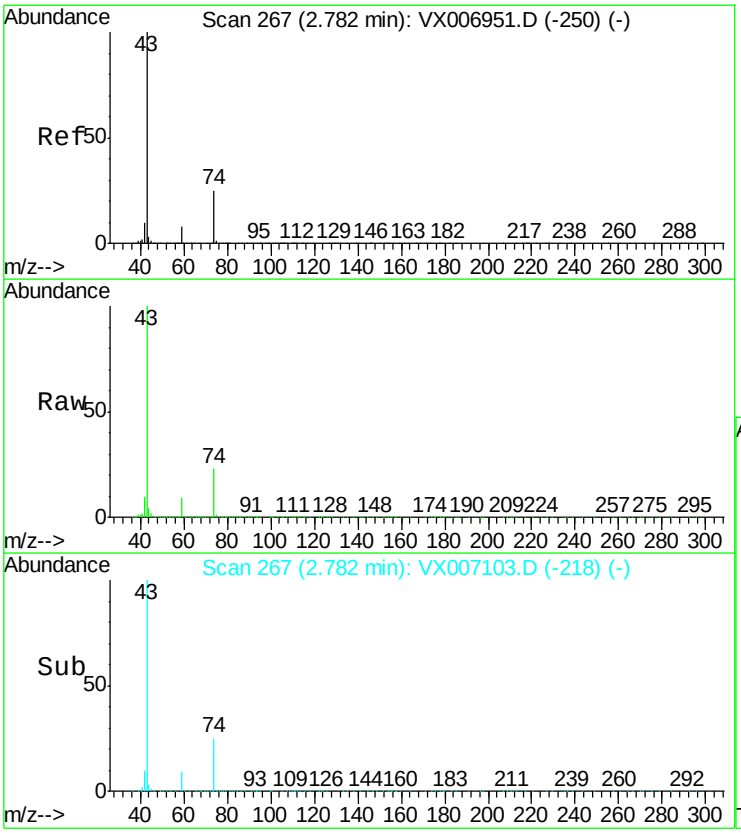

#17
Carbon Disulfide
Concen: 41.505 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 494871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.0 | 10.6 |

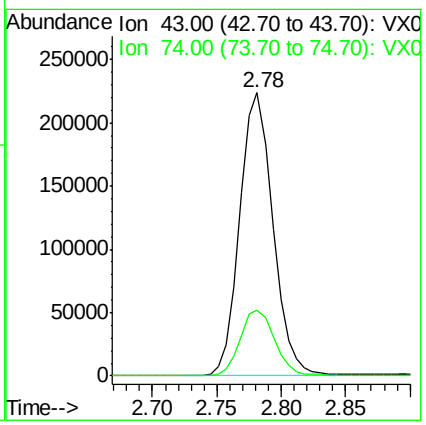


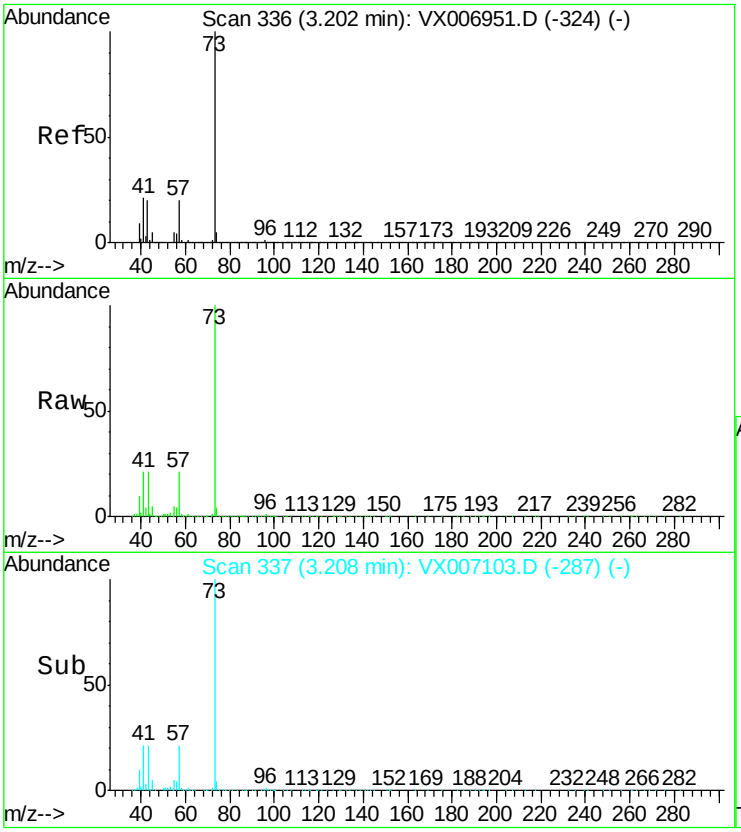




#18
Methyl Acetate
Concen: 52.837 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 43 Resp: 398347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.9 | 18.6 | 28.0 |



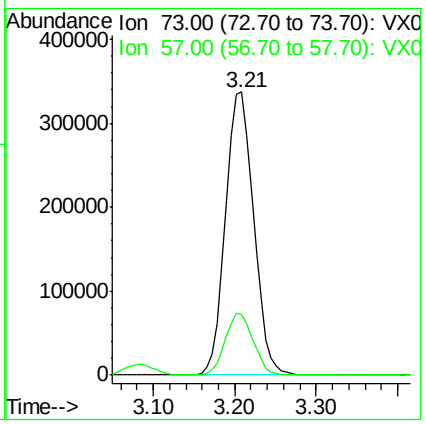


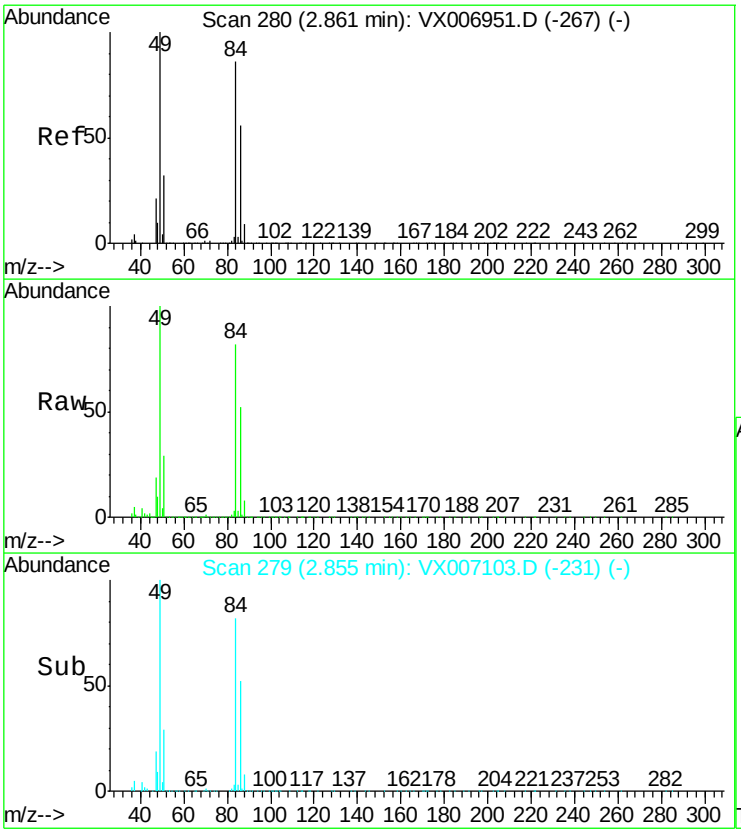

#19
Methyl tert-butyl Ether
Concen: 49.967 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 73 Resp: 803174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.3 | 16.8 | 25.2 |

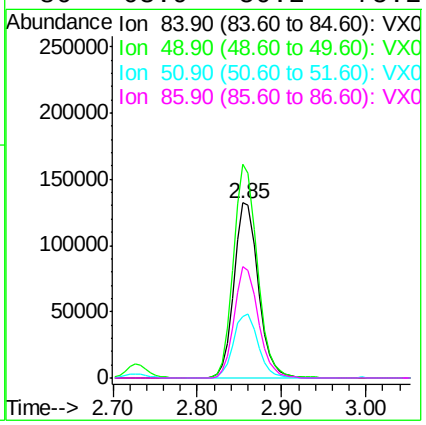


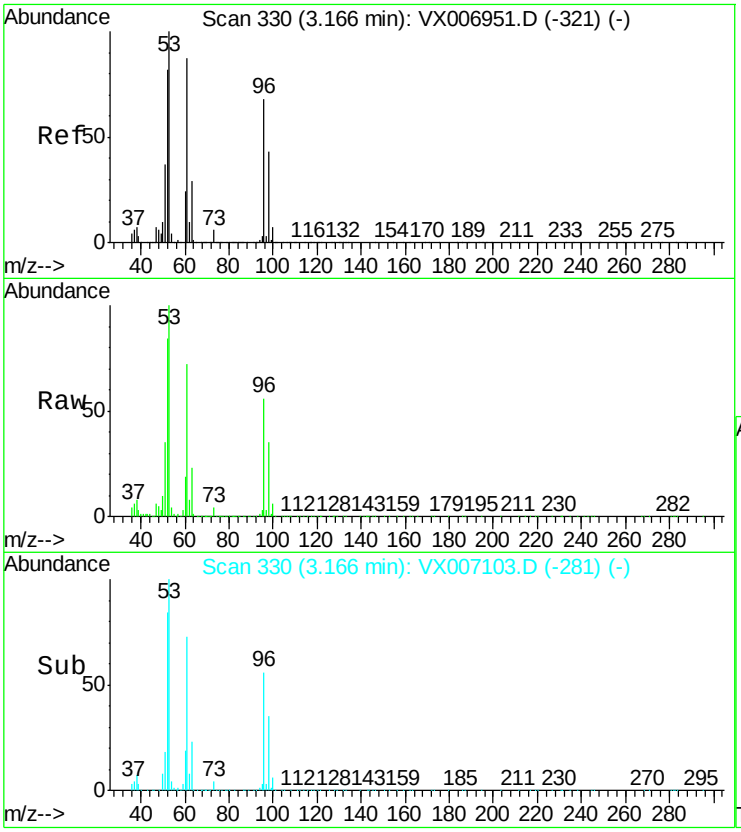




#20
Methylene Chloride
Concen: 51.755 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 84 Resp: 256172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 122.0 | 91.8 | 137.6 |
| 51 | 35.4 | 28.5 | 42.7 |
| 86 | 63.9 | 50.2 | 75.2 |



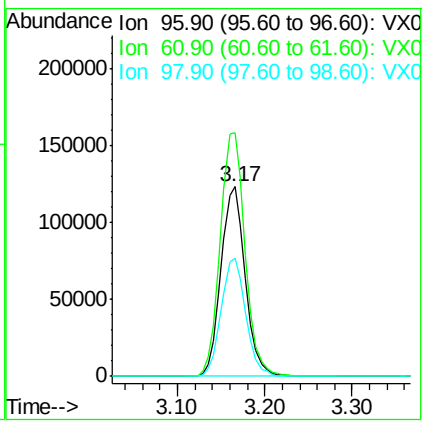


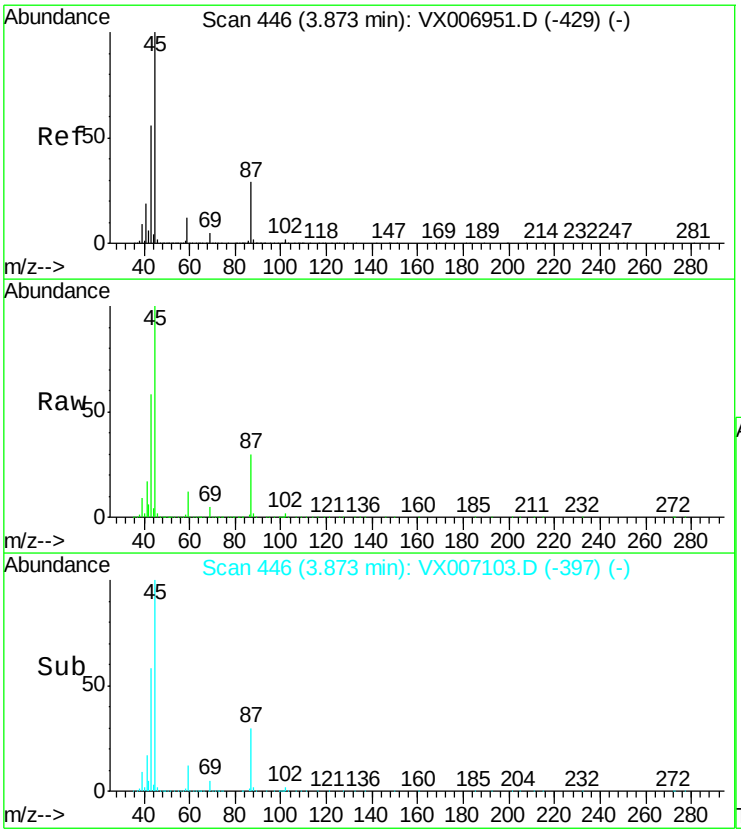

#21
trans-1,2-Dichloroethene
Concen: 46.019 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 237499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 128.4 | 103.7 | 155.5 |
| 98 | 62.5 | 51.0 | 76.6 |

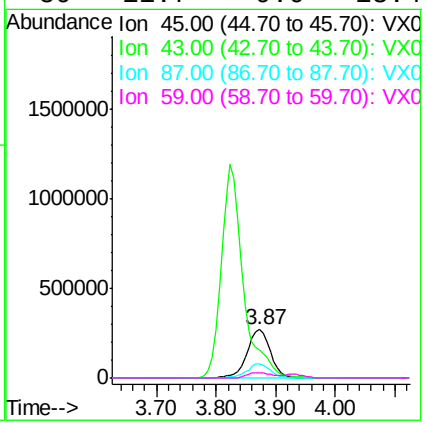


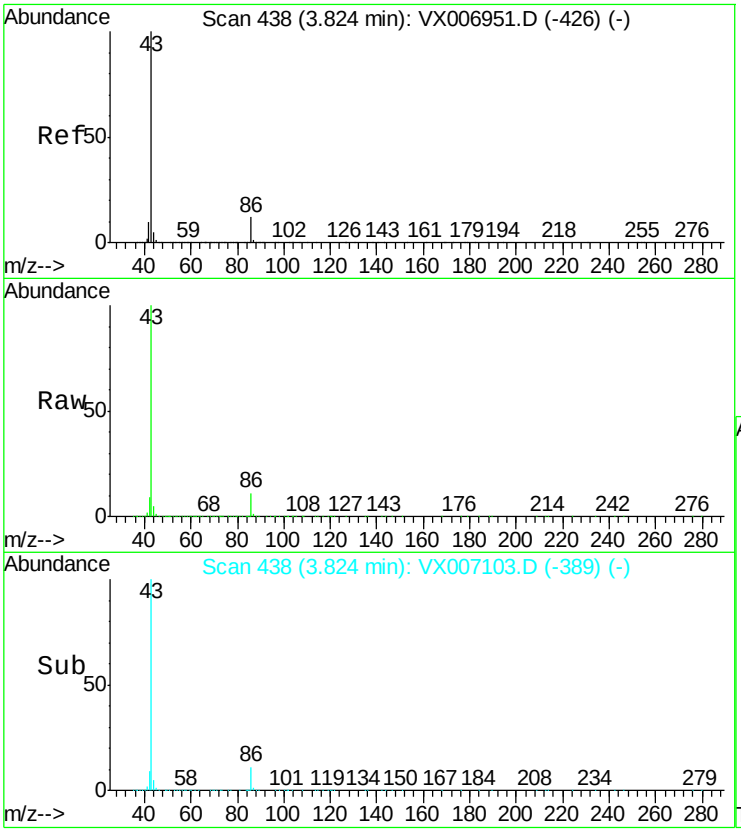




#22
Diisopropyl ether
Concen: 49.470 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 45 Resp: 738150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 58.1 | 51.2 | 76.8 |
| 87 | 30.2 | 25.8 | 38.6 |
| 59 | 11.7 | 9.0 | 13.4 |



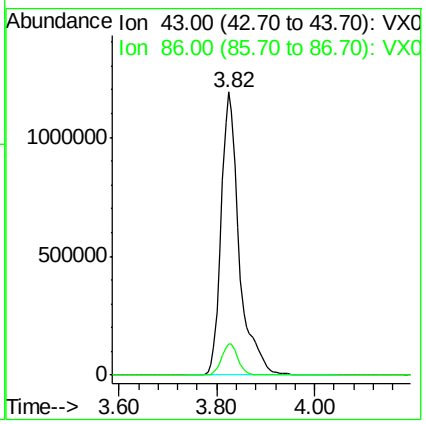


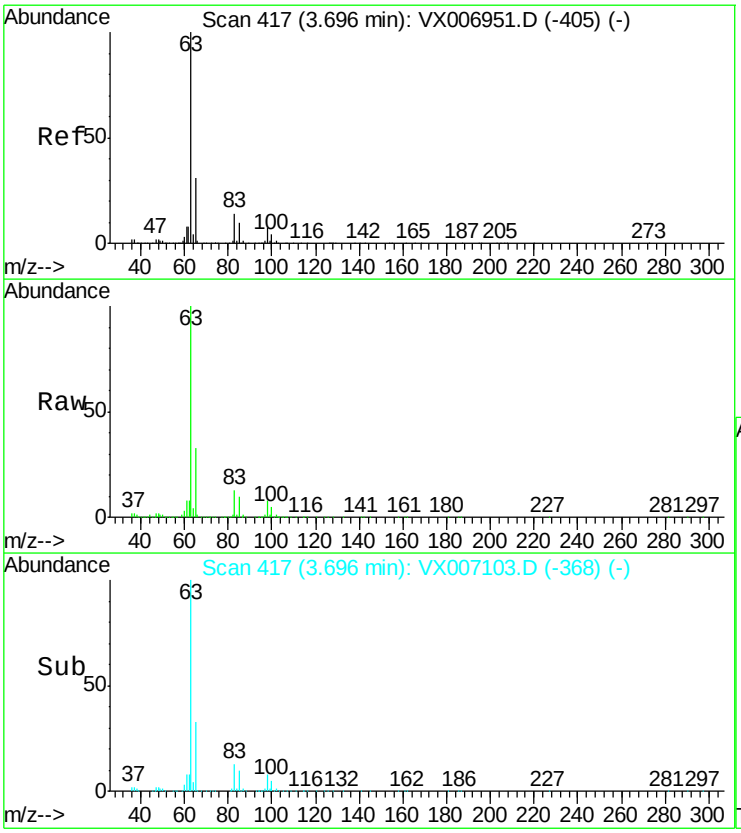

#23
Vinyl Acetate
Concen: 242.387 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 3050051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.2 | 9.2 | 13.8 |

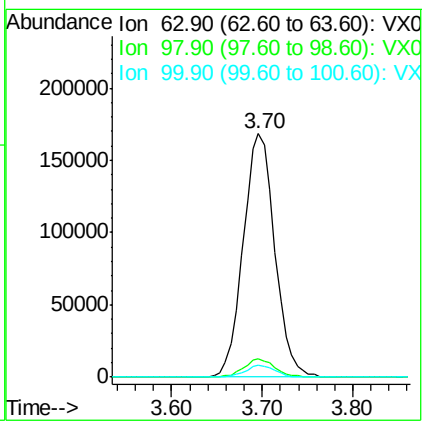


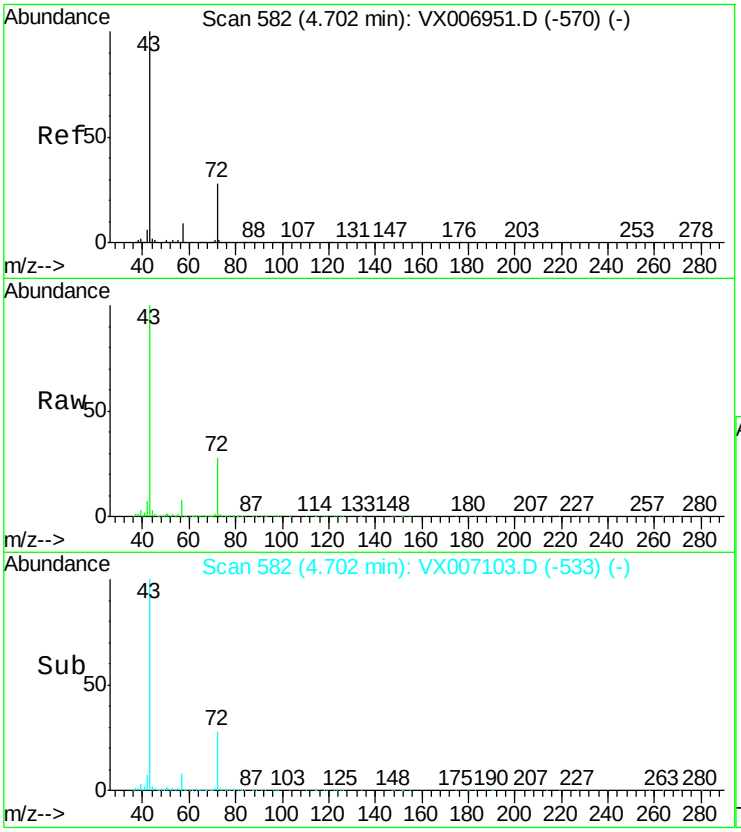




#24
1,1-Dichloroethane
Concen: 48.523 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 63 Resp: 404847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.6 | 3.9 | 11.5 |
| 100 | 5.0 | 2.4 | 7.2 |



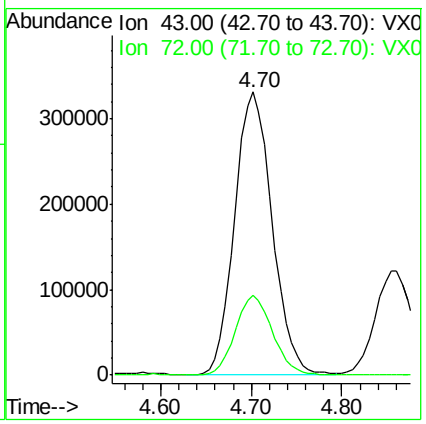


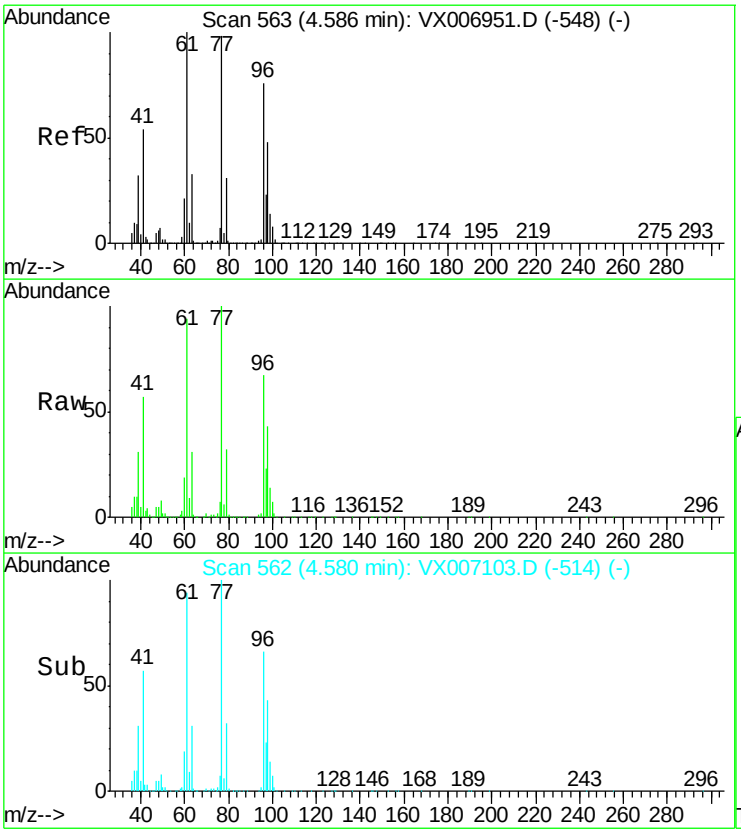

#25
2-Butanone
Concen: 254.600 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 948401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.3 | 22.4 | 33.6 |

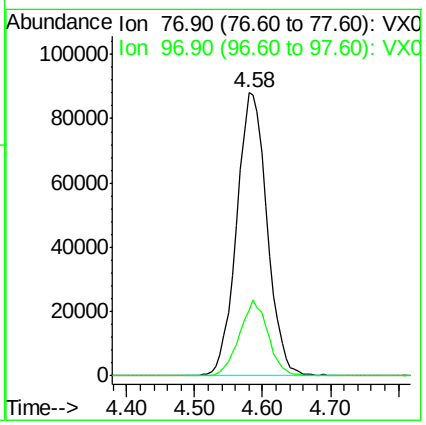


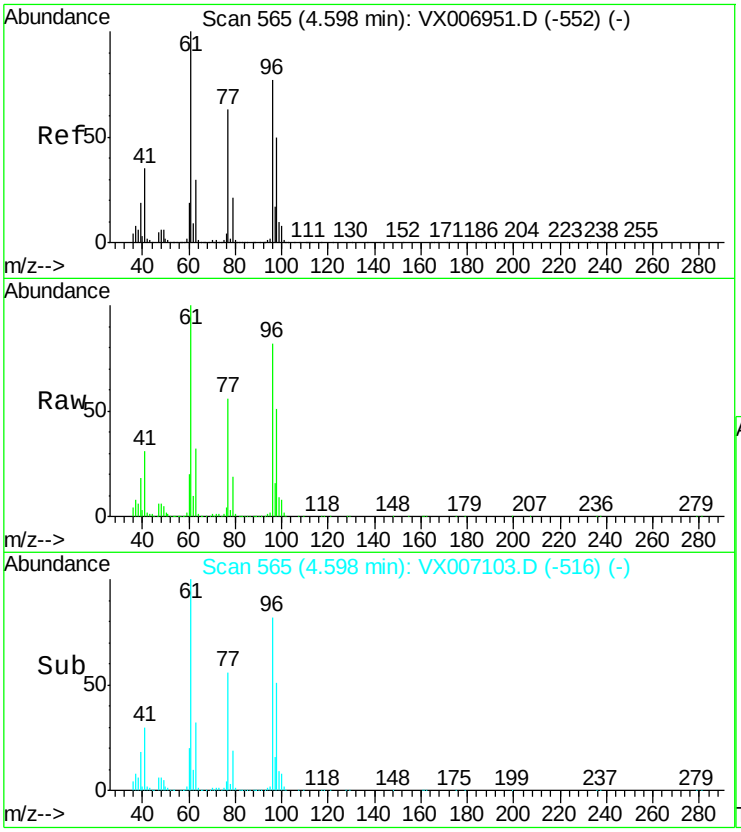




#26
2,2-Dichloropropane
Concen: 42.609 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 77 Resp: 273370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 25.3 | 12.4 | 37.4 |



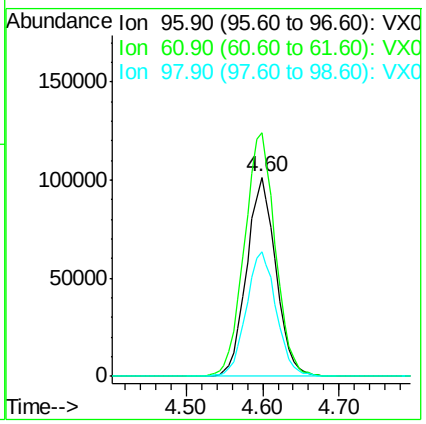


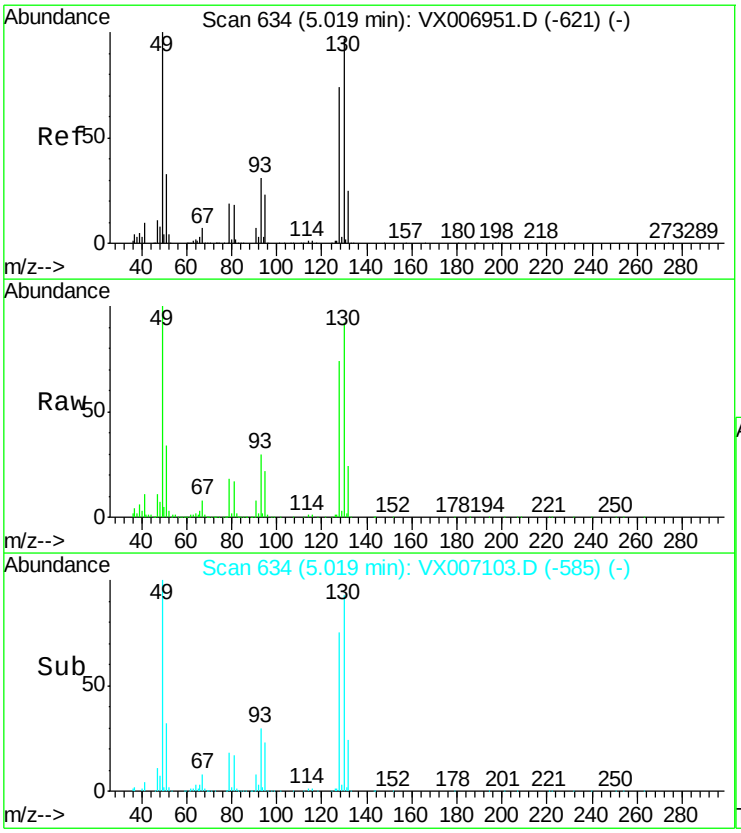

#27
cis-1,2-Dichloroethene
Concen: 47.556 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 270716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 129.1 | 0.0 | 258.6 |
| 98 | 64.0 | 0.0 | 132.0 |

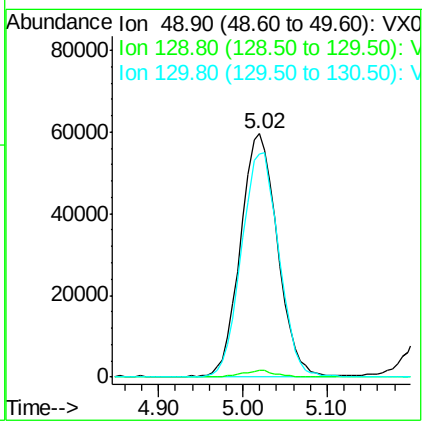


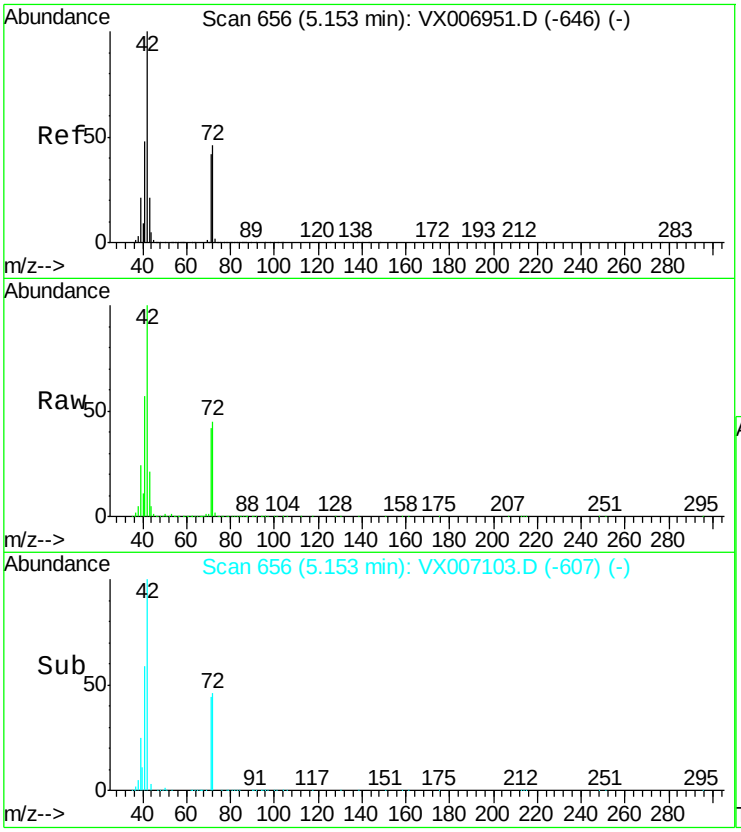




#28
Bromochloromethane
Concen: 48.585 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 49 Resp: 177605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.6 | 0.0 | 5.4 |
| 130 | 93.5 | 77.7 | 116.5 |



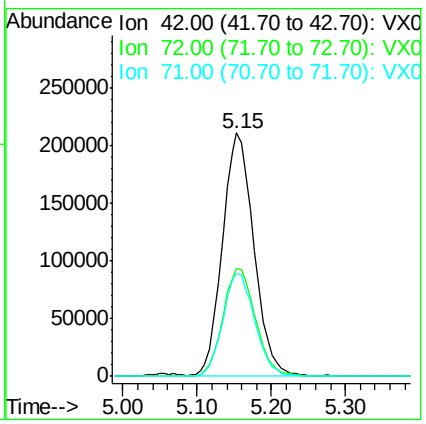


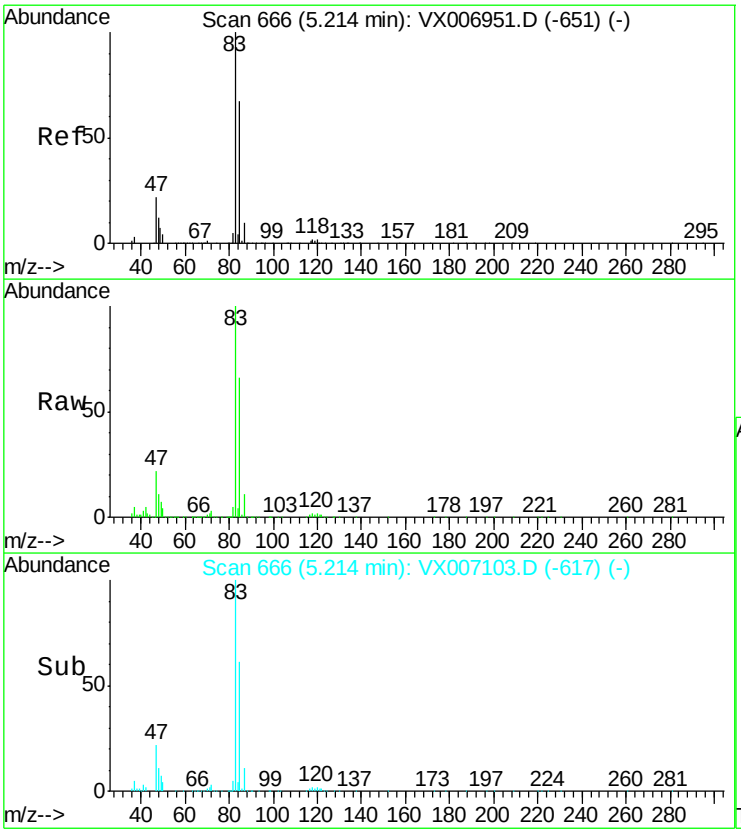

#29
Tetrahydrofuran
Concen: 255.002 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 42 Resp: 617315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 46.5 | 38.9 | 58.3 |
| 71 | 43.3 | 36.2 | 54.4 |

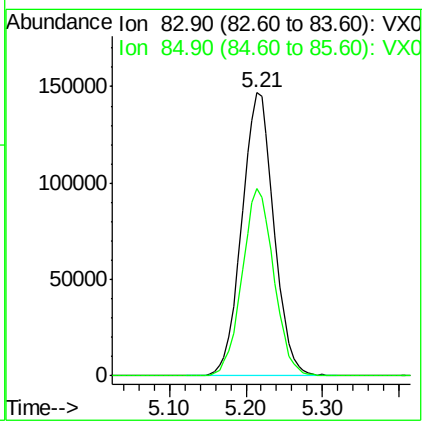


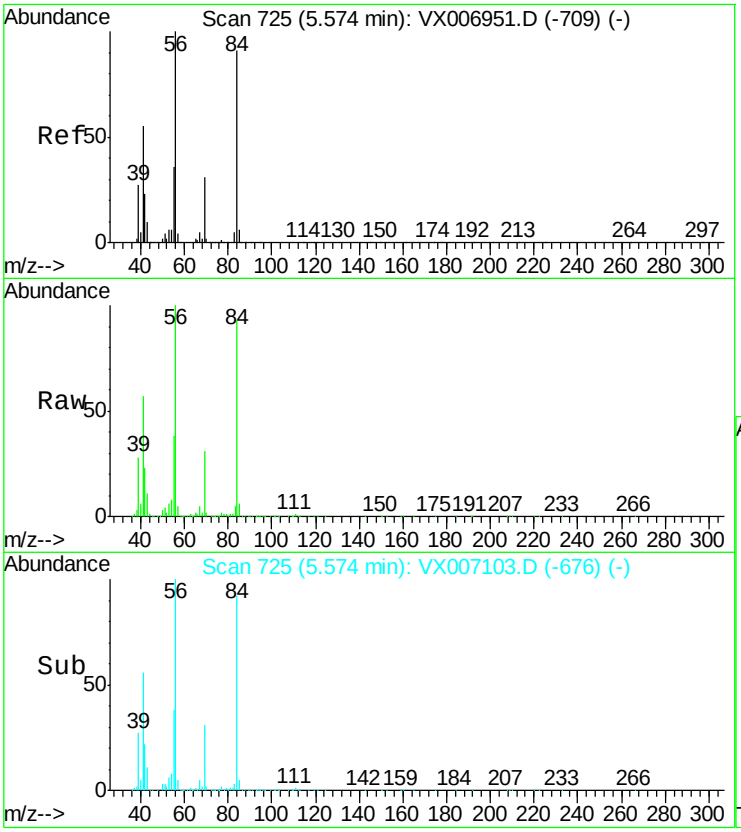




#30
Chloroform
Concen: 48.856 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 83 Resp: 426787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.2 | 51.2 | 76.8 |



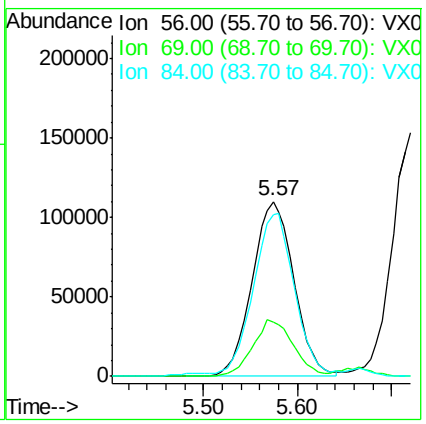


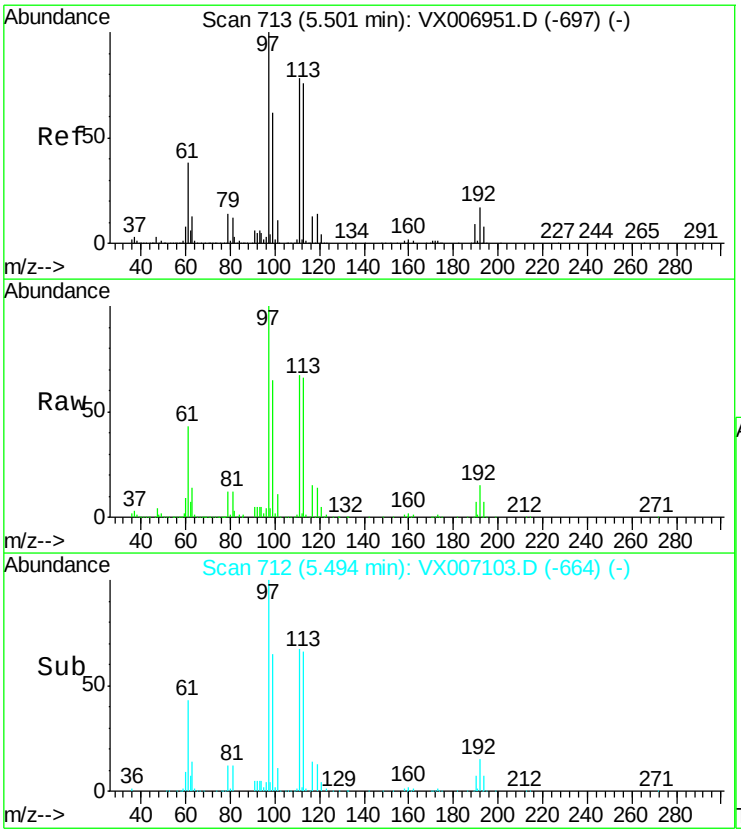

#31
Cyclohexane
Concen: 45.860 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 56 Resp: 340557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.1 | 24.4 | 36.6 |
| 84 | 91.2 | 70.0 | 105.0 |

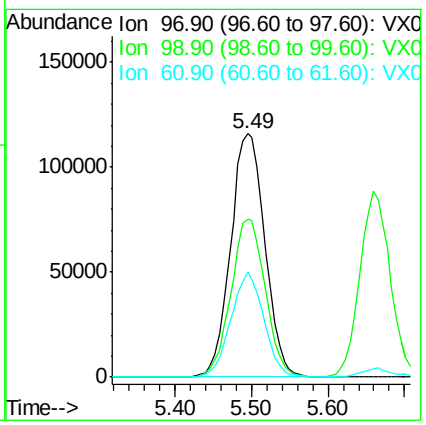


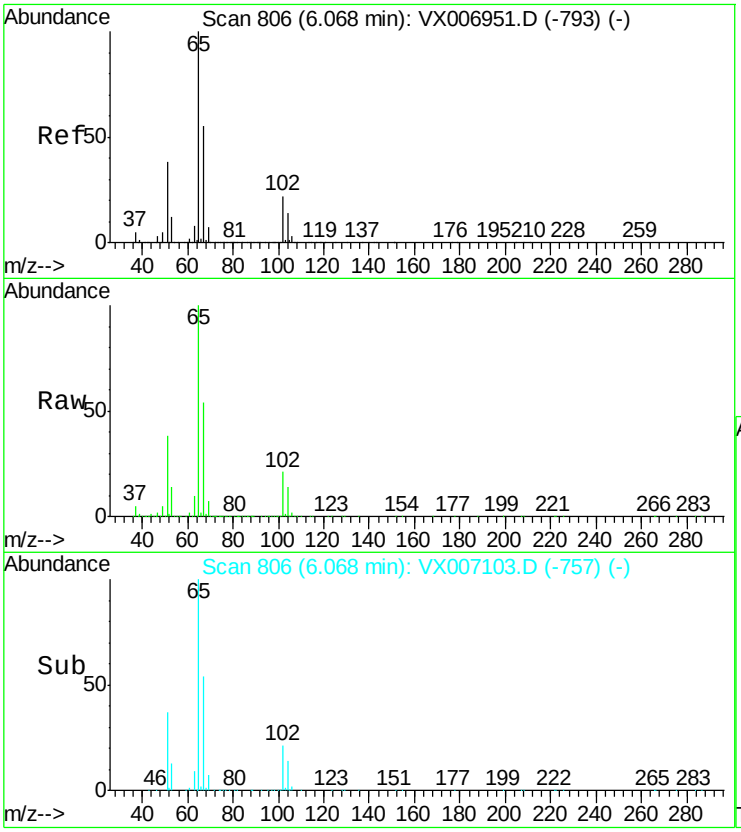




#32
1,1,1-Trichloroethane
Concen: 48.701 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 97 Resp: 360595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.8 | 51.7 | 77.5 |
| 61 | 41.4 | 31.3 | 46.9 |



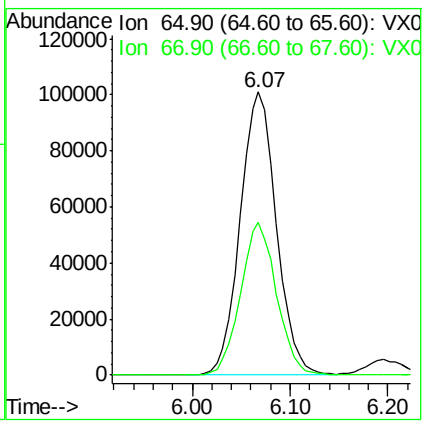


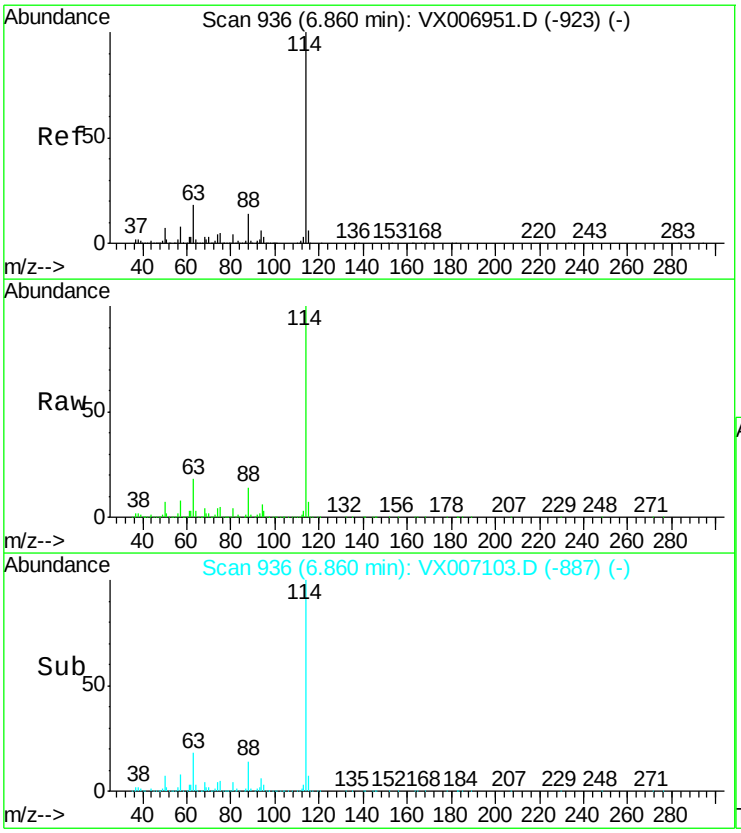

#33
1,2-Dichloroethane-d4
Concen: 49.250 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 65 Resp: 259355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.9 | 0.0 | 105.0 |

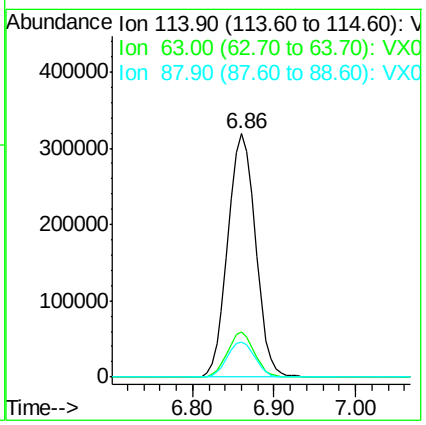


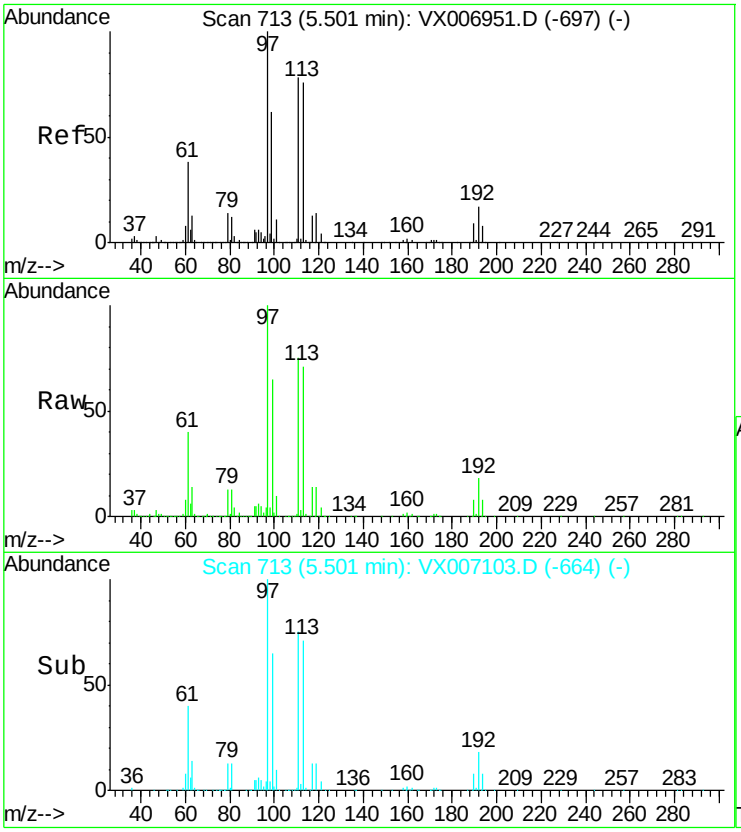




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:114 Resp: 749914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.4 | 0.0 | 34.8 |
| 88 | 14.2 | 0.0 | 28.8 |



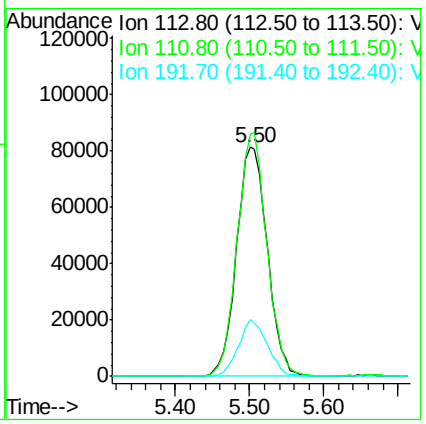


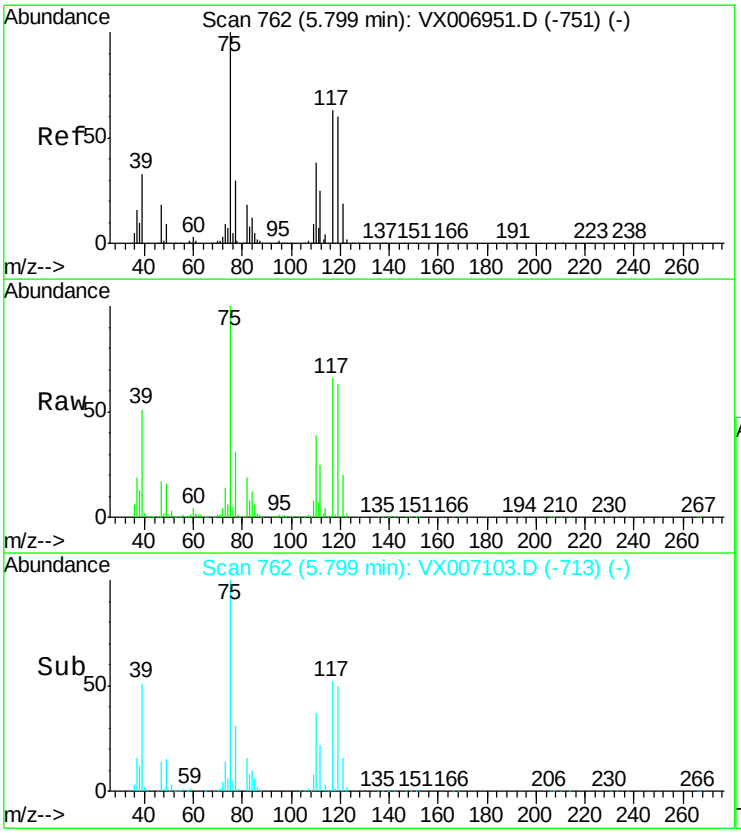

#35
Dibromofluoromethane
Concen: 49.239 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:113 Resp: 236467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.5 | 81.6 | 122.4 |
| 192 | 23.3 | 16.7 | 25.1 |

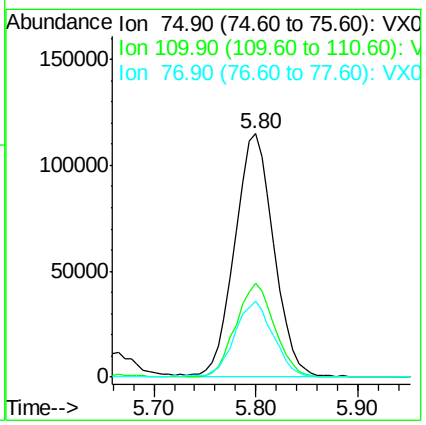


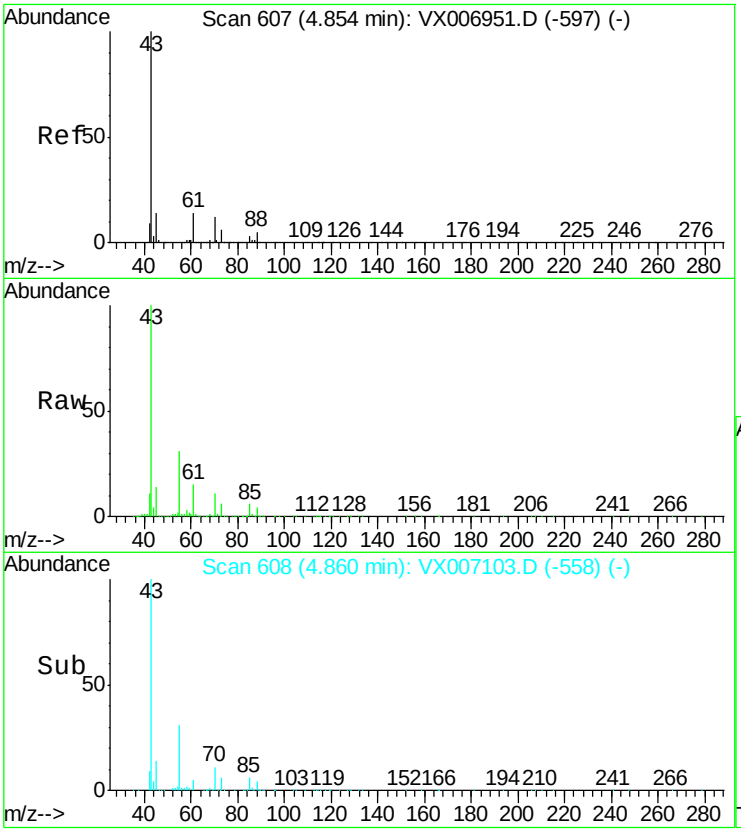




#36
1,1-Dichloropropene
Concen: 46.683 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 75 Resp: 304370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.7 | 20.2 | 60.5 |
| 77 | 31.0 | 24.8 | 37.2 |



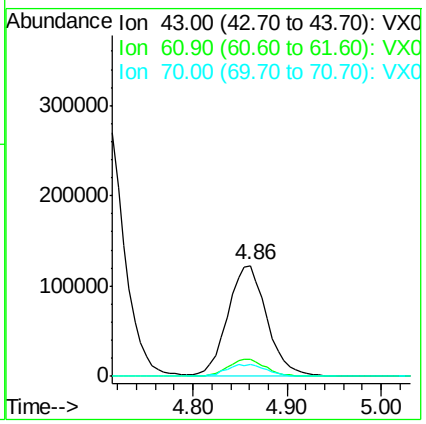


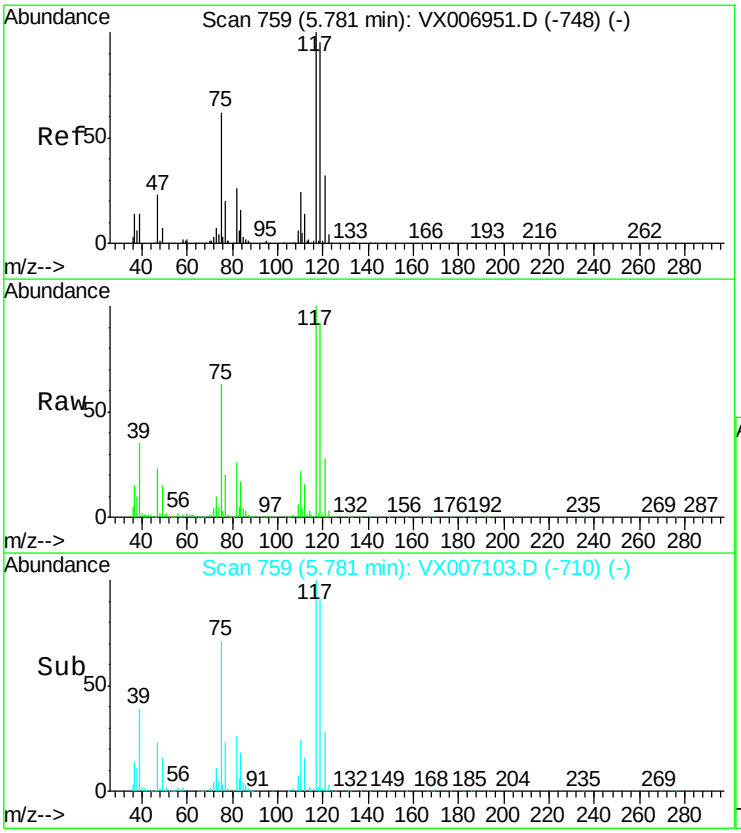

#37
Ethyl Acetate
Concen: 50.171 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 350694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.8 | 11.9 | 17.9 |
| 70 | 11.2 | 9.7 | 14.5 |

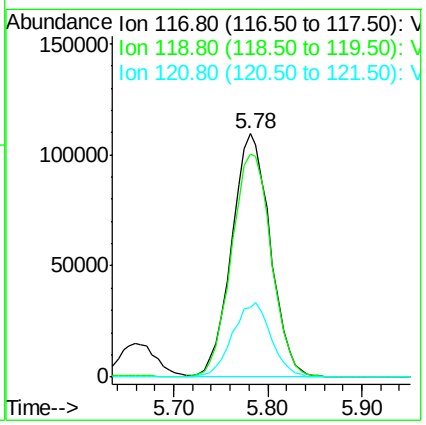


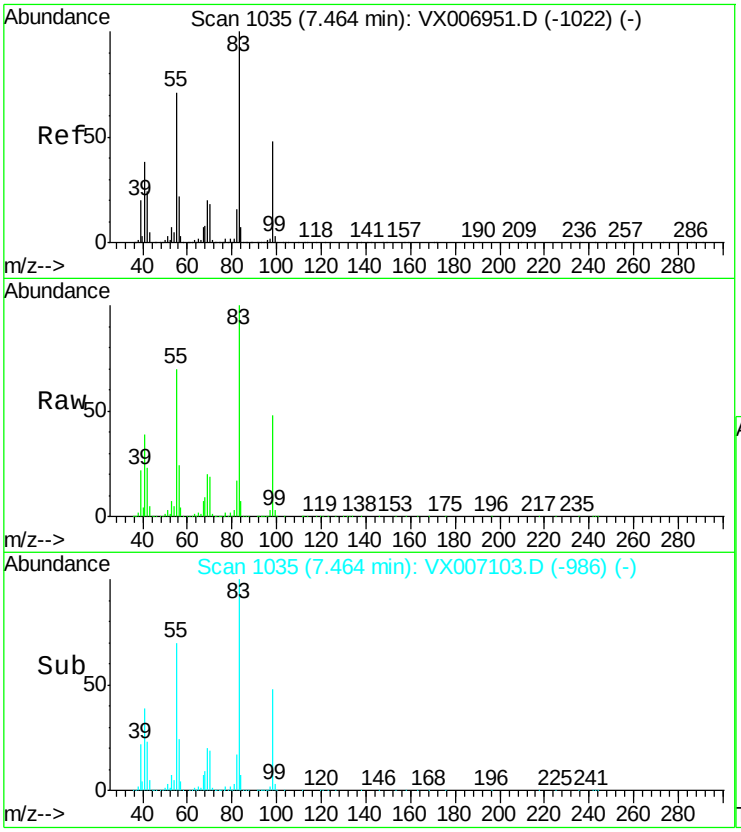




#38
Carbon Tetrachloride
Concen: 47.748 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:117 Resp: 313215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.5 | 79.4 | 119.2 |
| 121 | 28.4 | 24.0 | 36.0 |



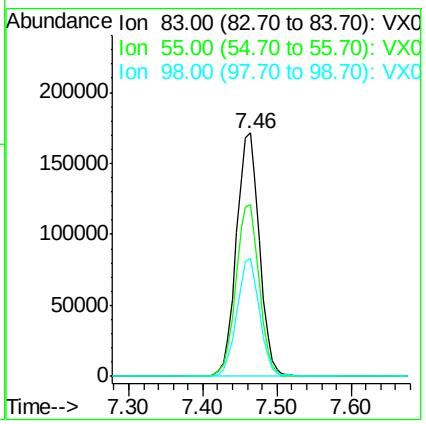


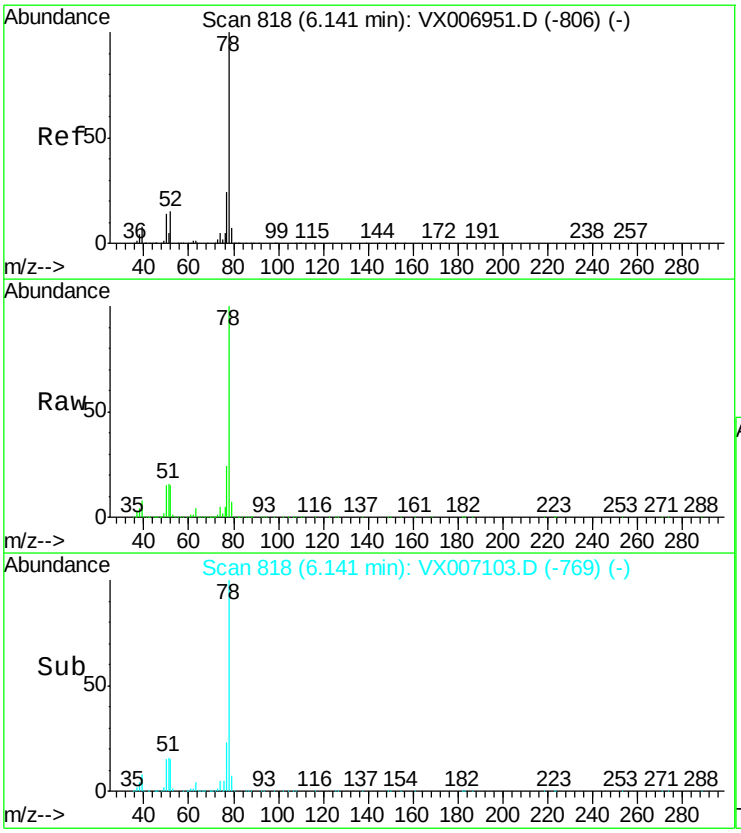

#39
Methylcyclohexane
Concen: 44.789 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 372278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 70.3 | 54.9 | 82.3 |
| 98 | 48.4 | 37.9 | 56.9 |

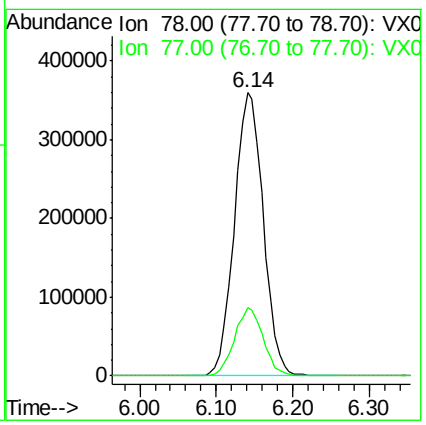


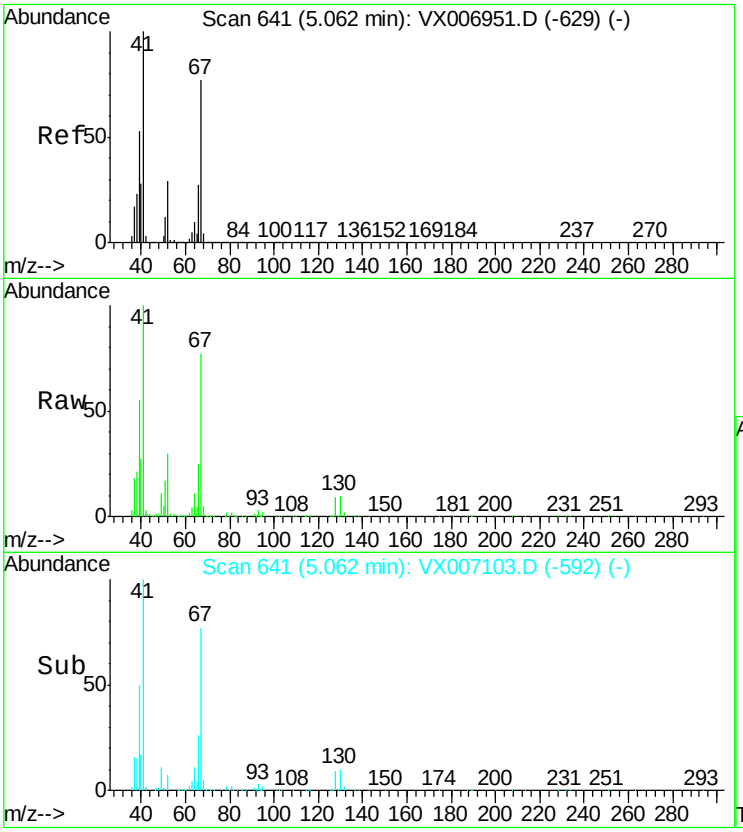




#40
Benzene
Concen: 47.275 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 78 Resp: 940492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.1 | 19.2 | 28.8 |



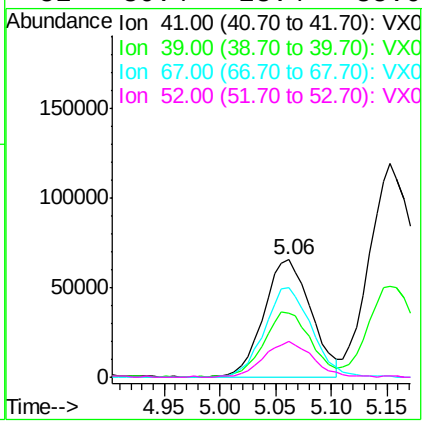


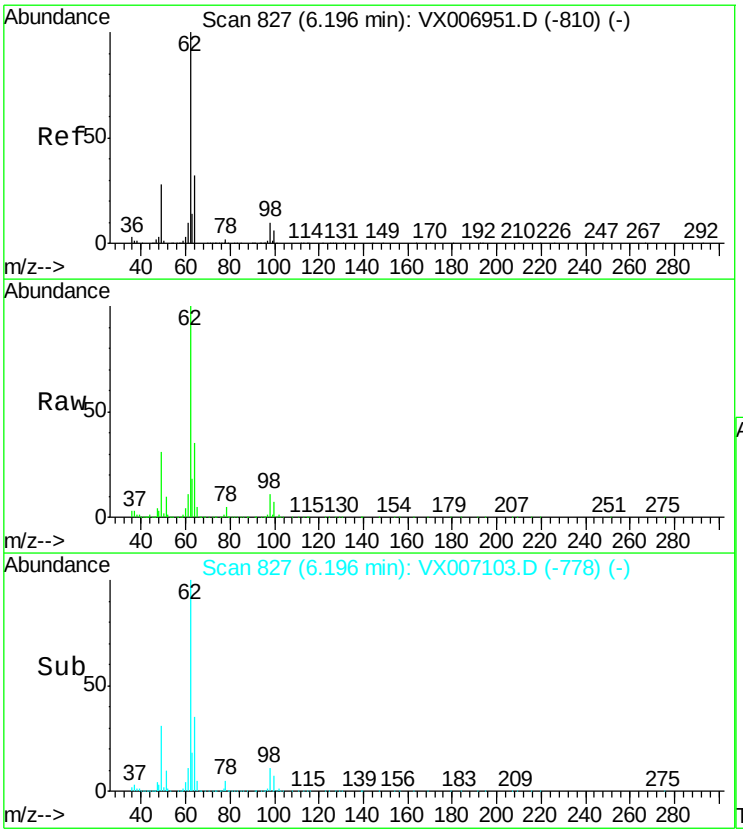

#41
Methacrylonitrile
Concen: 48.043 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 41 Resp: 193456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 55.2 | 42.8 | 64.2 |
| 67 | 76.4 | 62.1 | 93.1 |
| 52 | 30.4 | 23.4 | 35.0 |

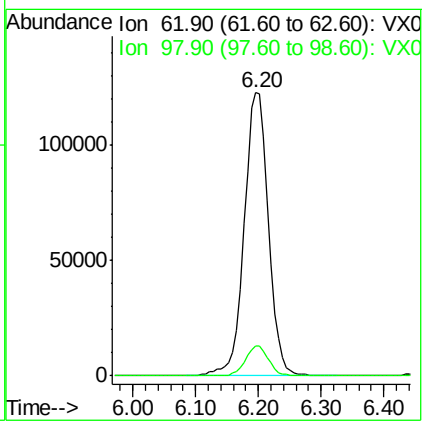


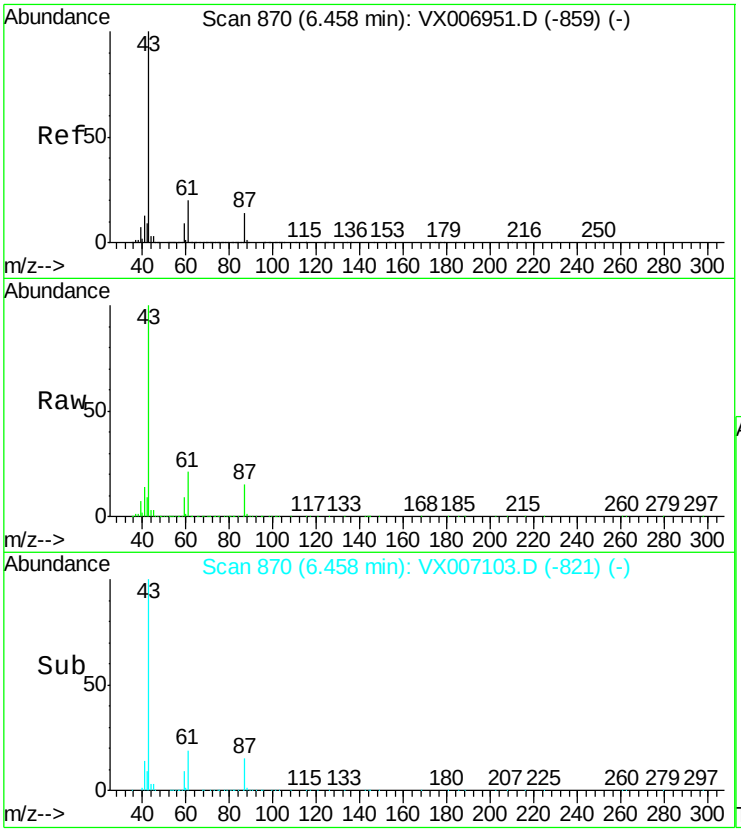




#42
1,2-Dichloroethane
Concen: 47.707 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 62 Resp: 327966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.1 | 0.0 | 20.2 |



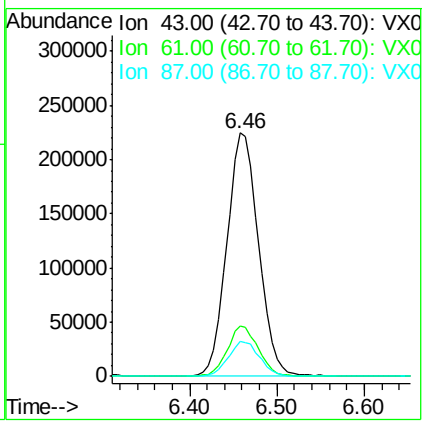


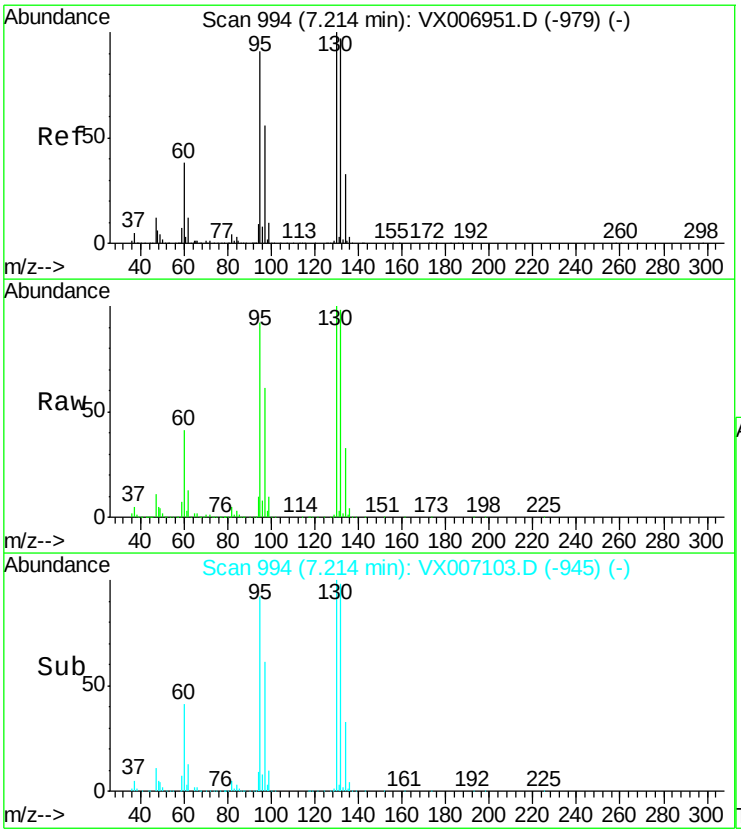

#43
Isopropyl Acetate
Concen: 51.114 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 563564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.3 | 16.8 | 25.2 |
| 87 | 14.3 | 12.4 | 18.6 |

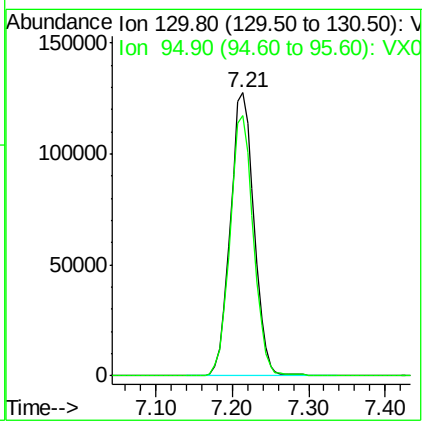


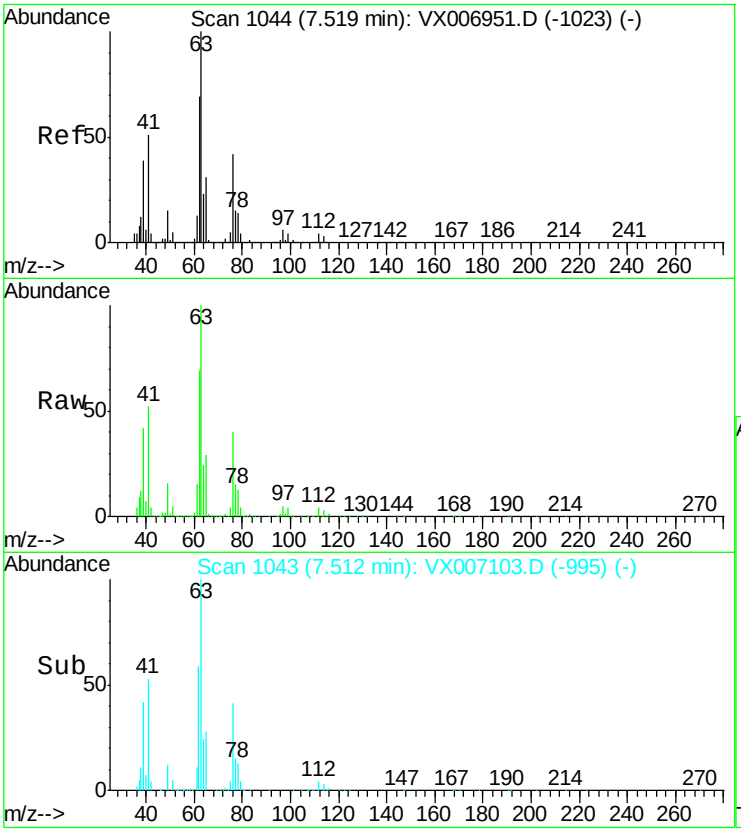




#44
Trichloroethene
Concen: 45.912 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:130 Resp: 273703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 92.0 | 0.0 | 187.0 |



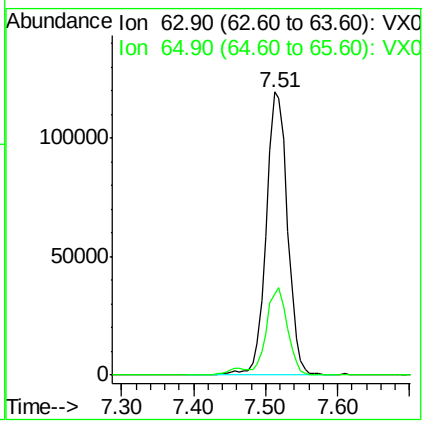


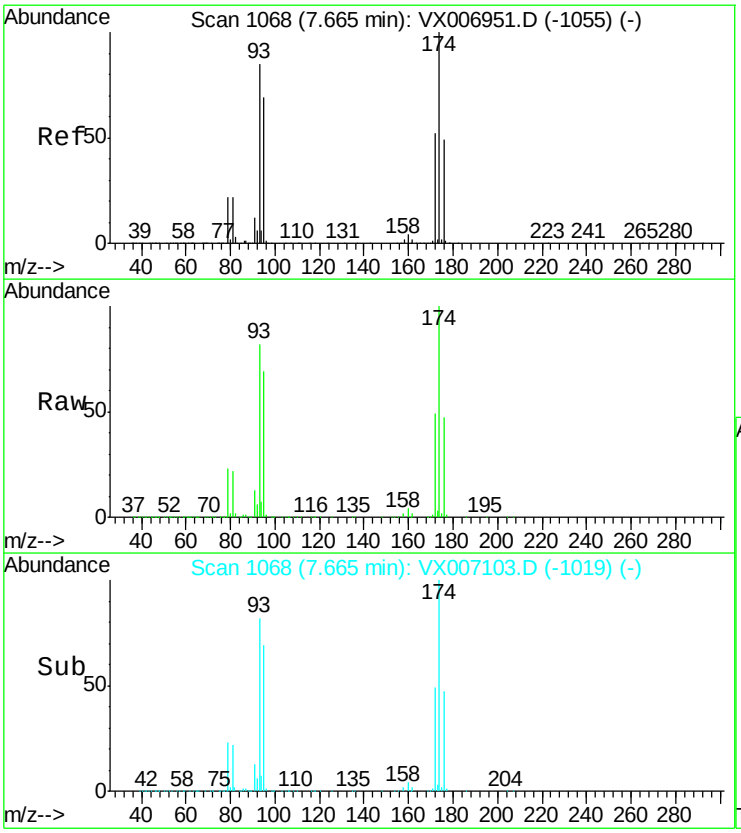

#45
1,2-Dichloropropane
Concen: 49.139 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 63 Resp: 245765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 28.8 | 25.4 | 38.0 |

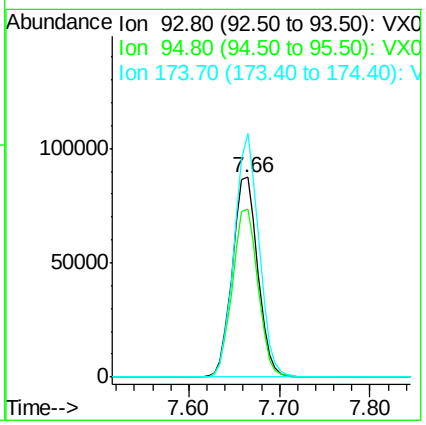


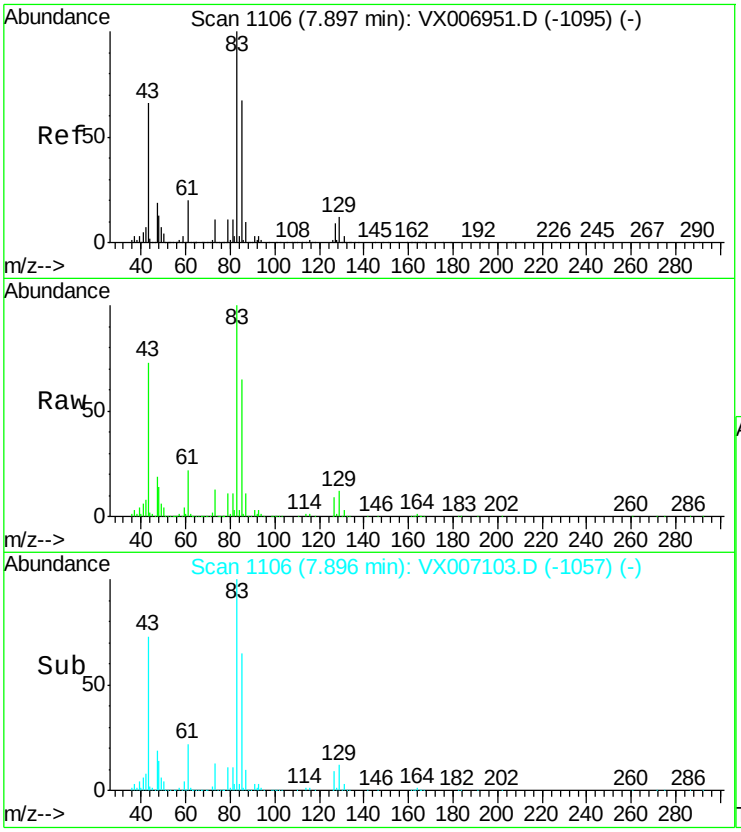




#46
Dibromomethane
Concen: 48.735 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 93 Resp: 171304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.6 | 66.2 | 99.4 |
| 174 | 117.3 | 91.0 | 136.4 |



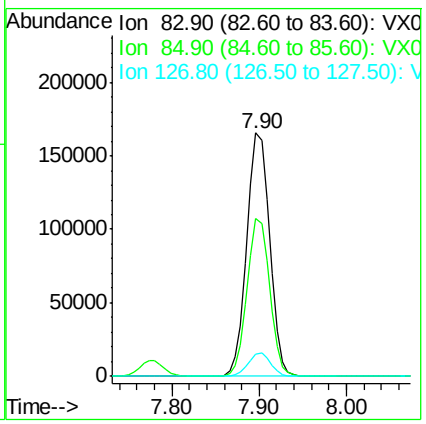


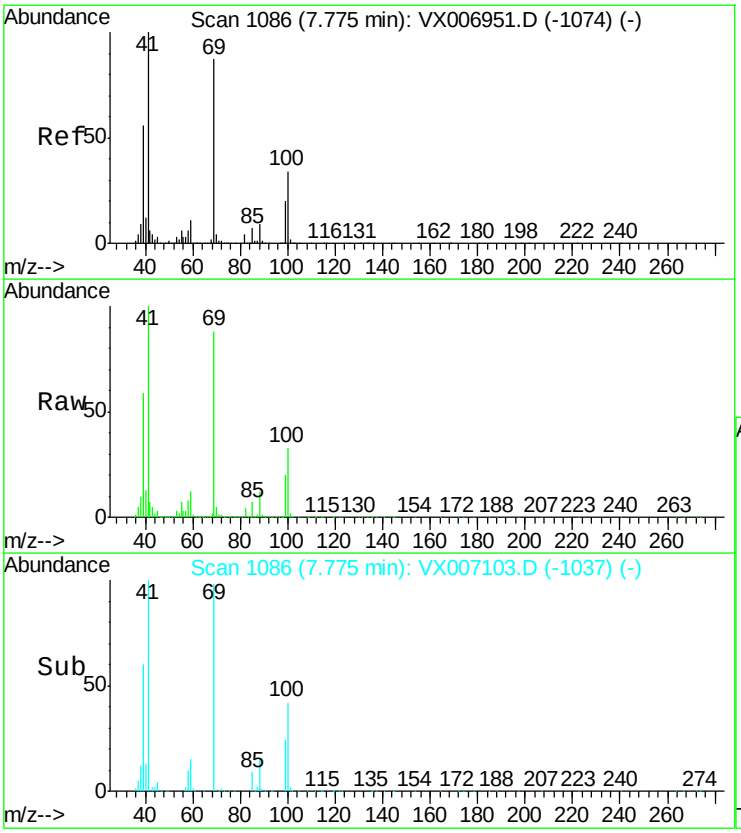

#47
Bromodichloromethane
Concen: 50.386 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 301465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 53.2 | 79.8 |
| 127 | 9.3 | 7.8 | 11.6 |

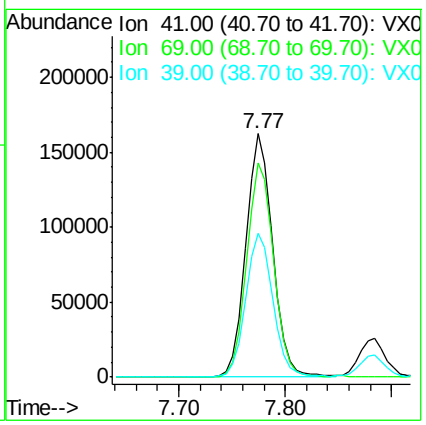


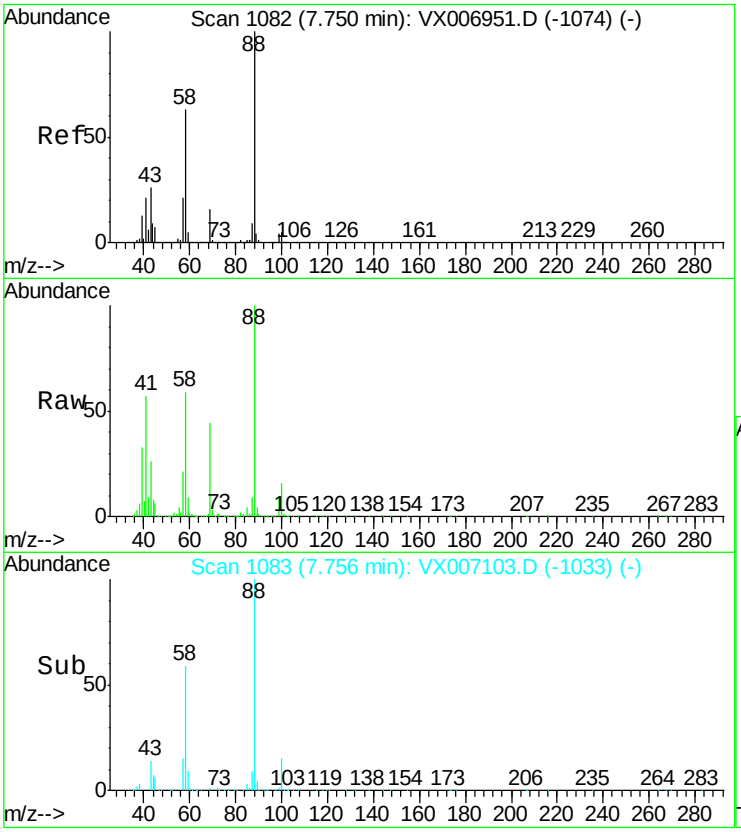




#48
Methyl methacrylate
Concen: 50.547 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 41 Resp: 286200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 88.4 | 72.4 | 108.6 |
| 39 | 59.6 | 45.8 | 68.8 |



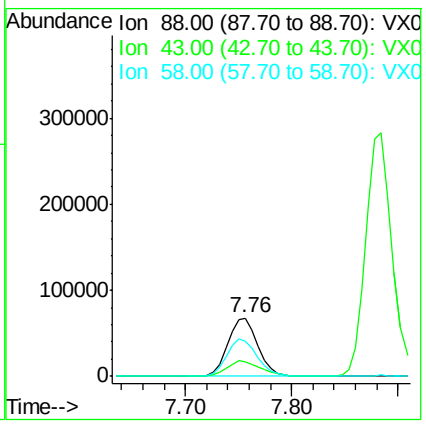


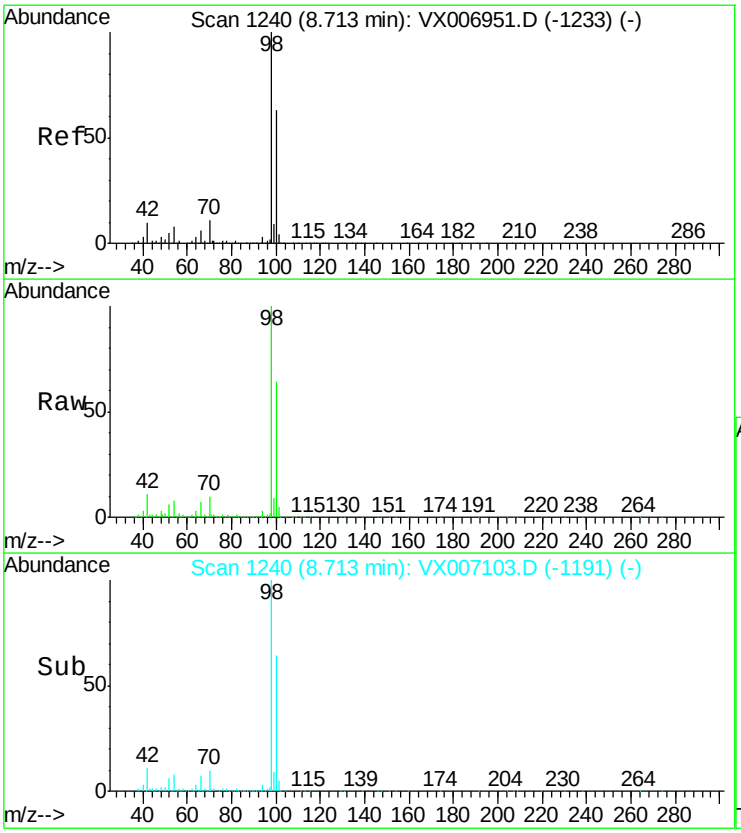

#49
1,4-Dioxane
Concen: 1038.733 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 88 Resp: 134270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 29.9 | 22.2 | 33.4 |
| 58 | 64.8 | 51.0 | 76.4 |

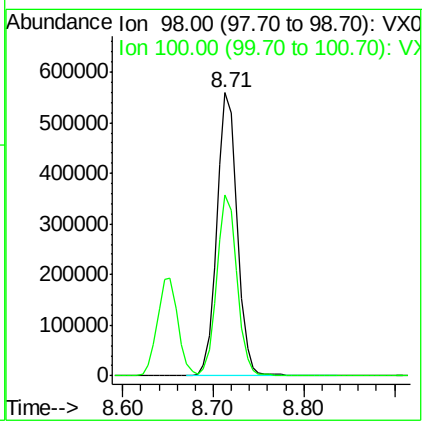


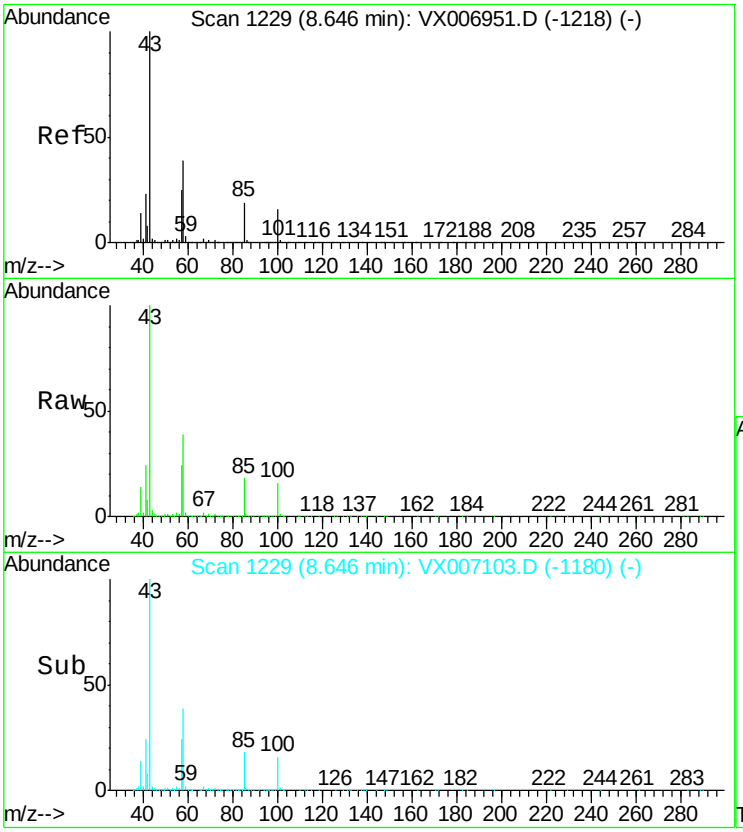




#50
Toluene-d8
Concen: 49.740 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 98 Resp: 874341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.7 | 52.0 | 78.0 |



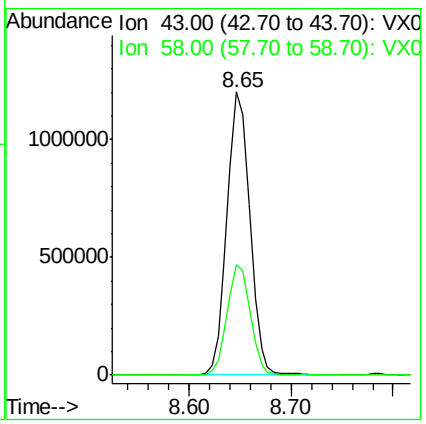


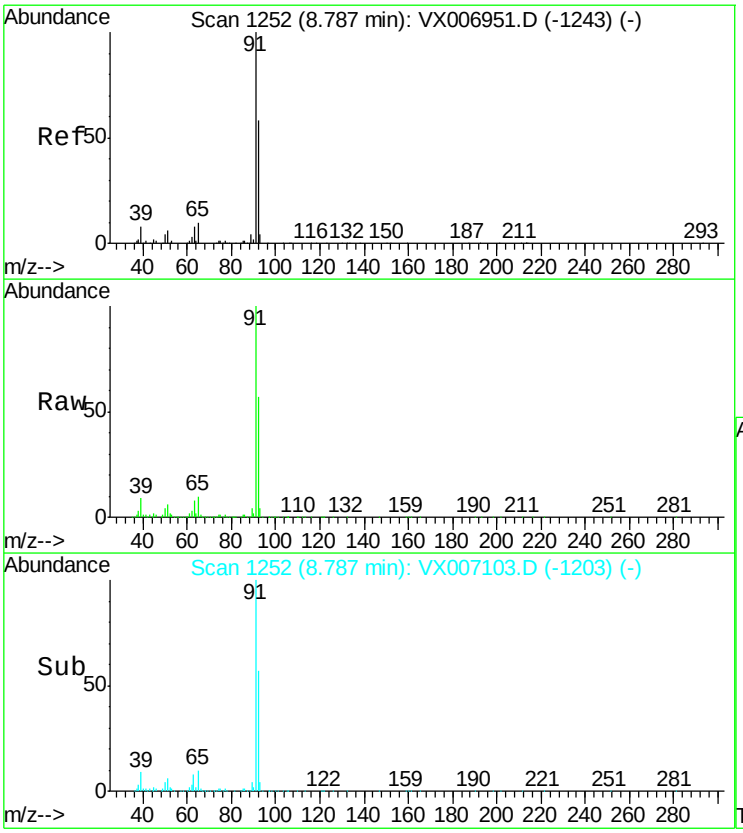

#51
4-Methyl-2-Pentanone
Concen: 264.143 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 1871646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.1 | 31.8 | 47.6 |

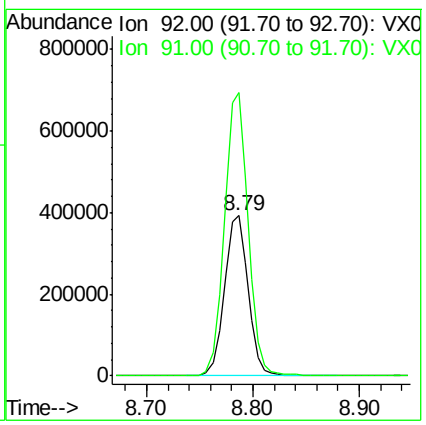


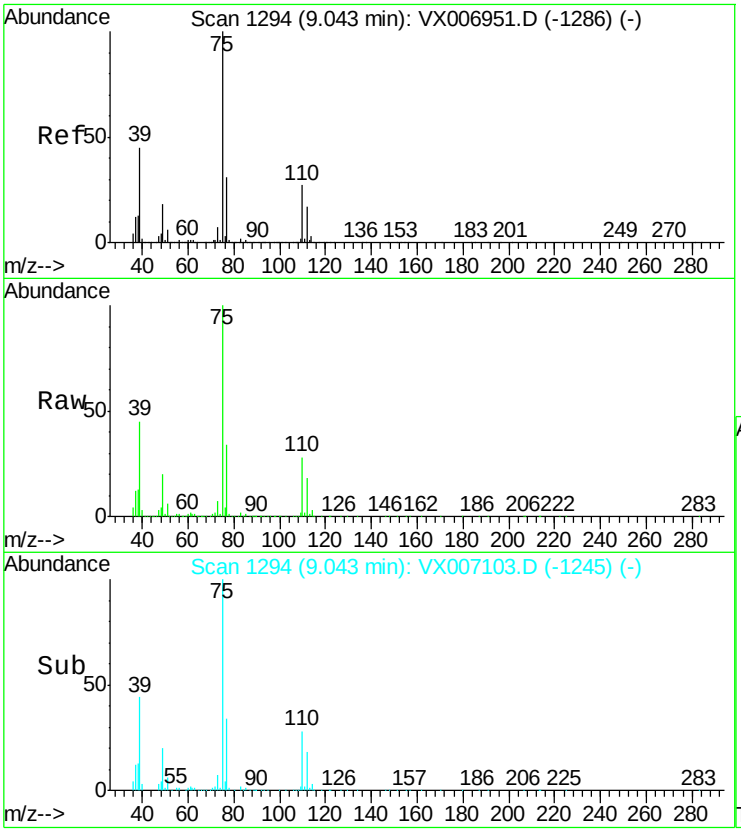




#52
Toluene
Concen: 47.778 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 92 Resp: 610915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 176.4 | 137.6 | 206.4 |



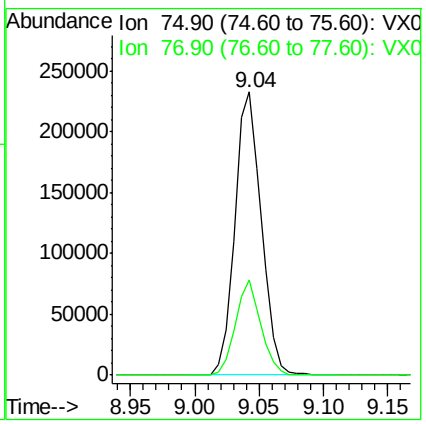


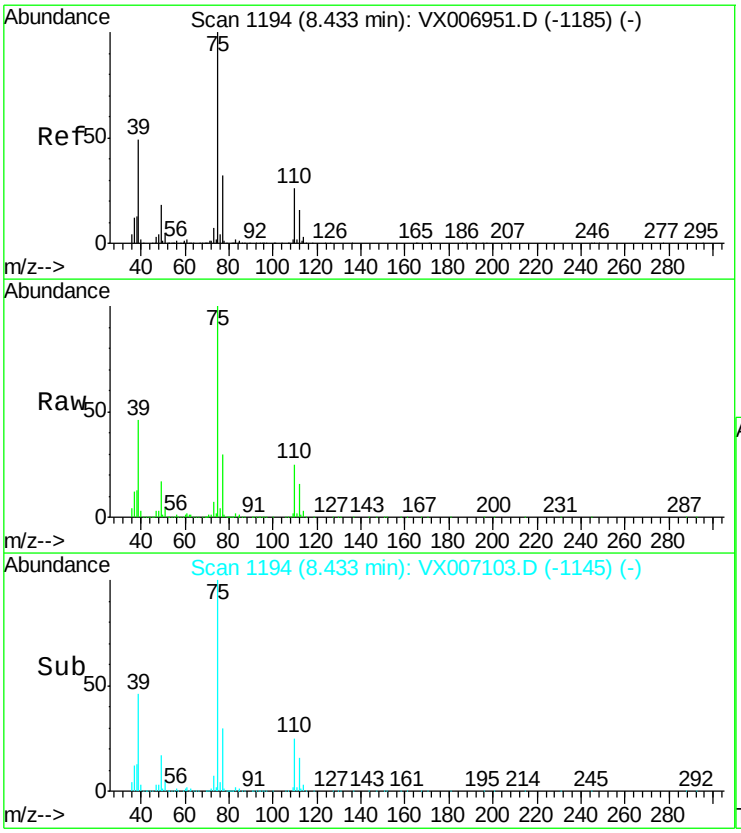

#53
t-1,3-Dichloropropene
Concen: 49.706 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 329775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.5 | 25.4 | 38.0 |

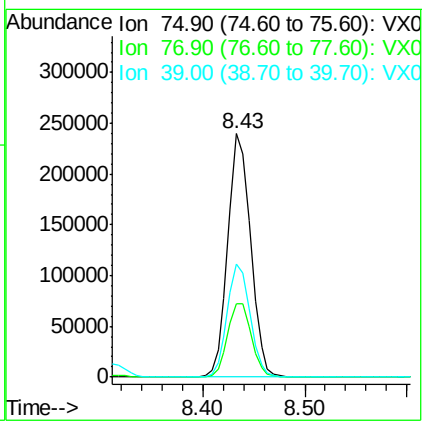


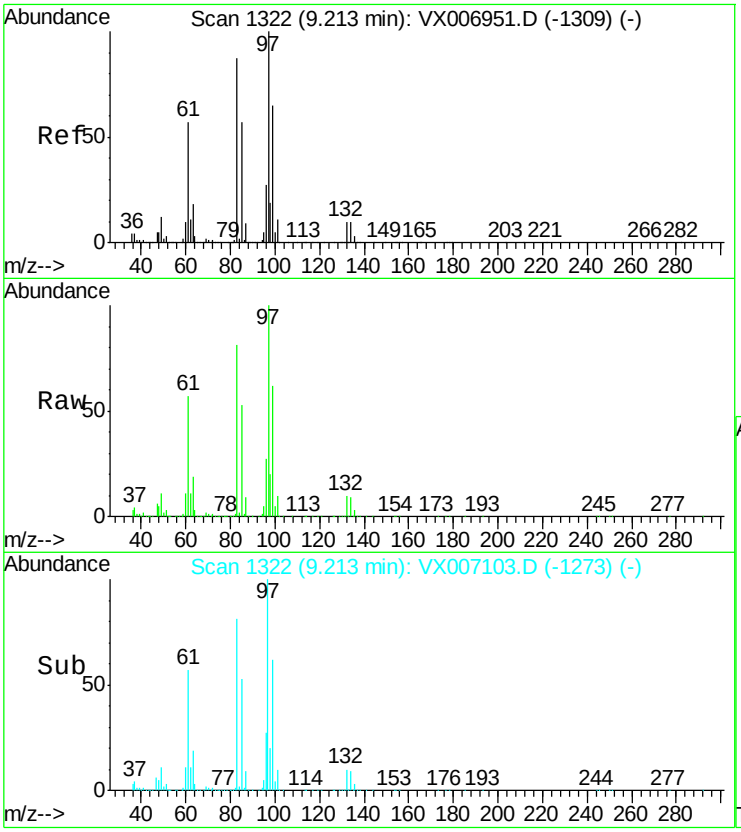




#54
cis-1,3-Dichloropropene
Concen: 50.320 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 75 Resp: 368681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.9 | 26.2 | 39.2 |
| 39 | 46.2 | 36.7 | 55.1 |



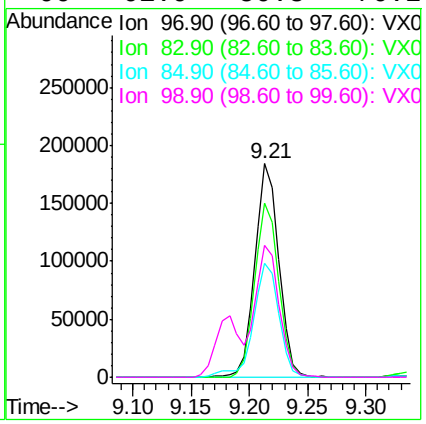


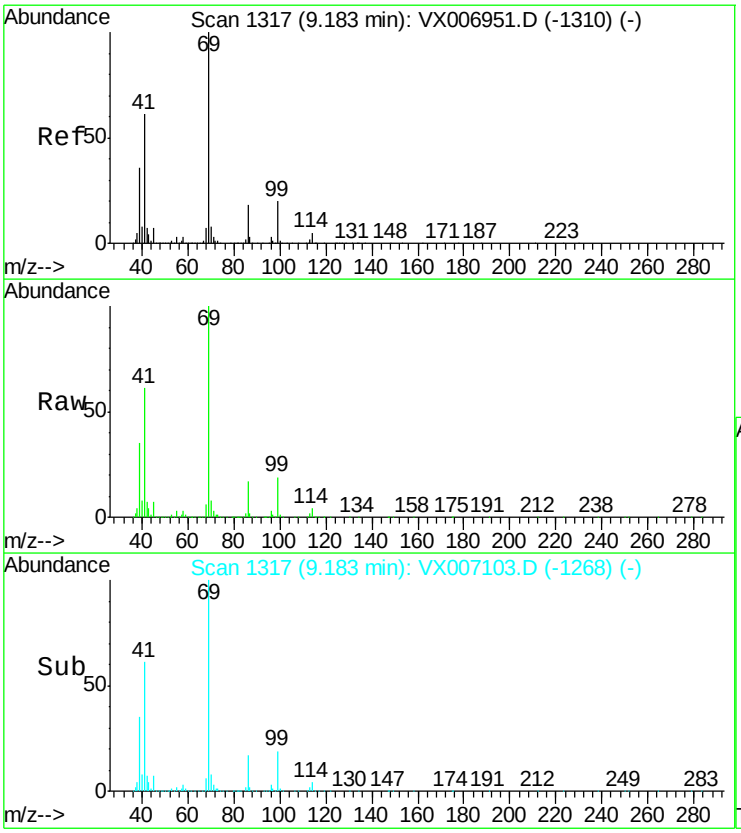

#55
1,1,2-Trichloroethane
Concen: 51.773 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 97 Resp: 264975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 81.2 | 66.6 | 99.8 |
| 85 | 53.3 | 42.7 | 64.1 |
| 99 | 61.9 | 50.8 | 76.2 |

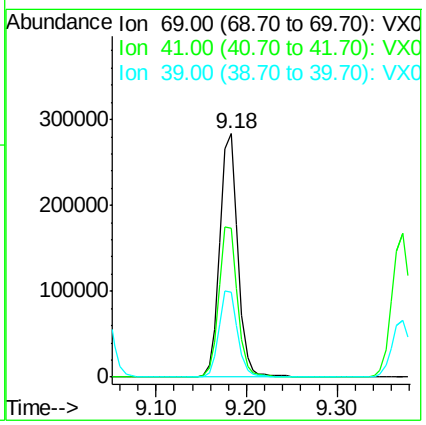


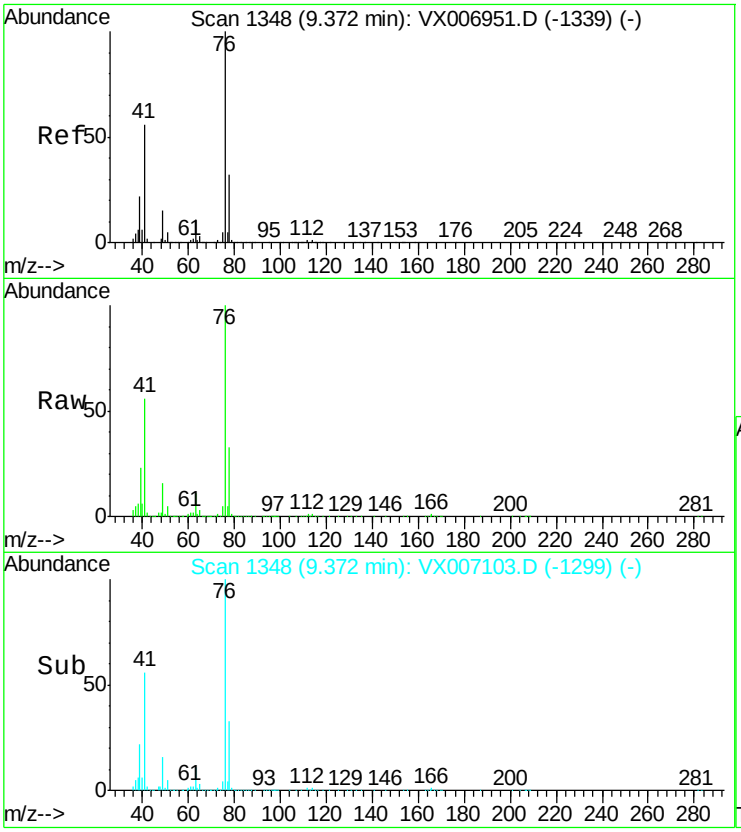




#56
Ethyl methacrylate
Concen: 52.684 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 69 Resp: 393635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 63.7 | 48.7 | 73.1 |
| 39 | 36.5 | 27.0 | 40.6 |



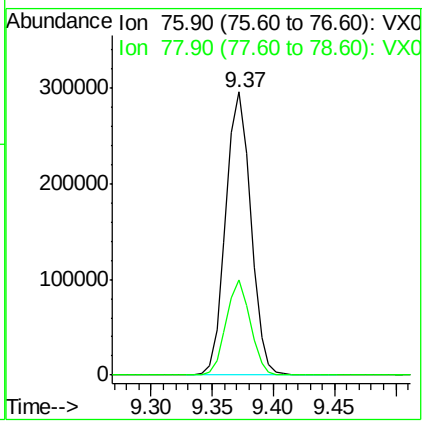


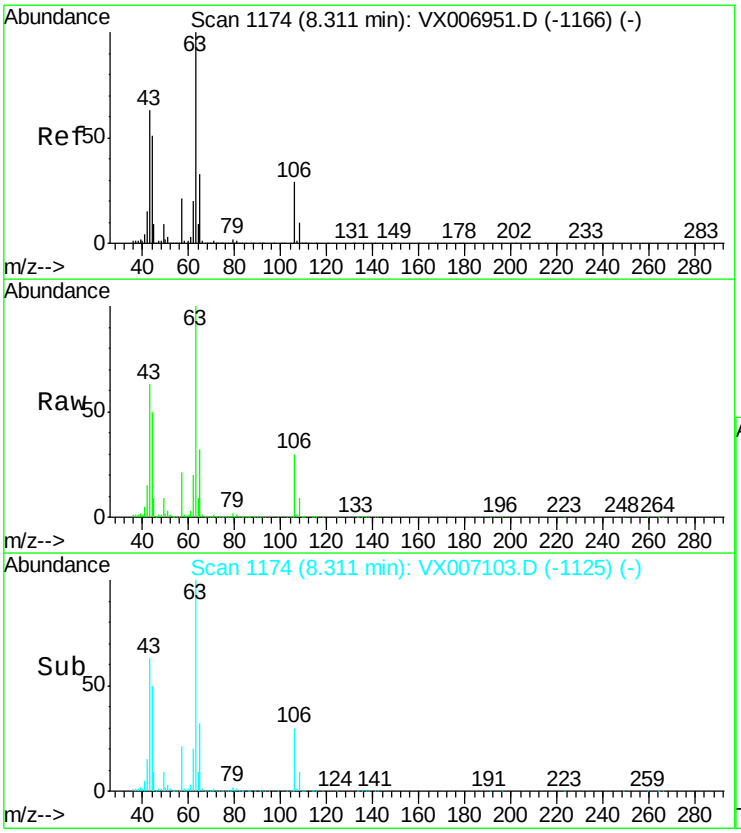

#57
1,3-Dichloropropane
Concen: 50.145 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 420456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.4 | 26.0 | 39.0 |

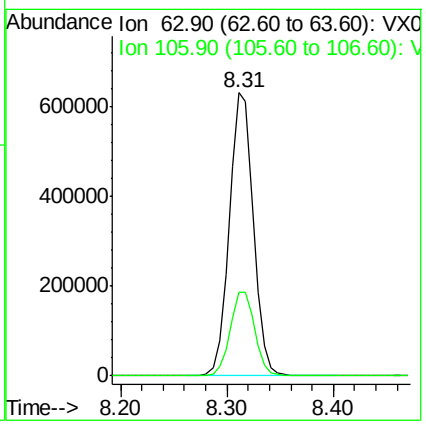


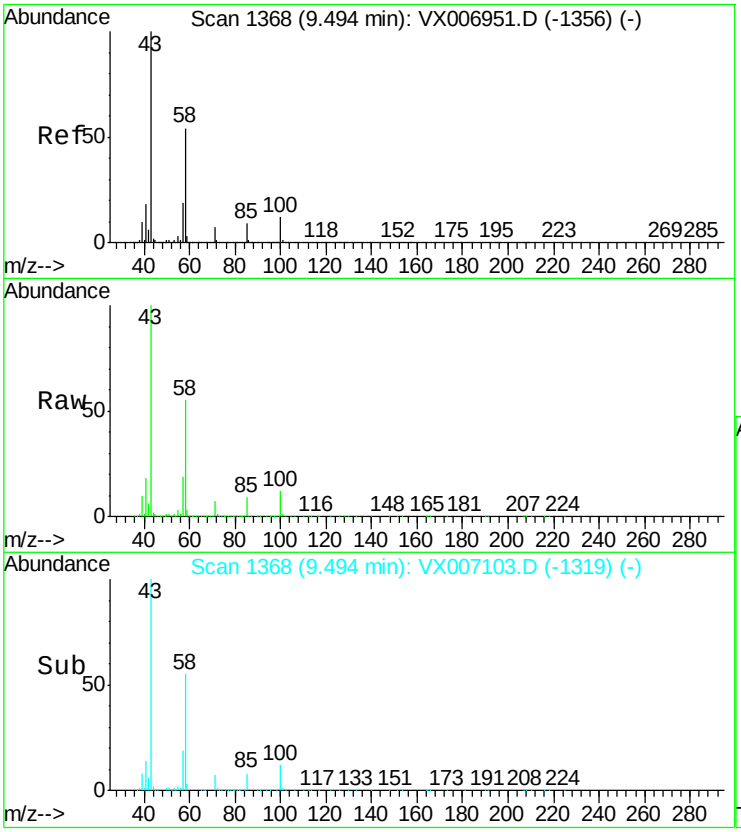




#58
2-Chloroethyl Vinyl ether
Concen: 259.600 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 63 Resp: 997280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.3 | 24.6 | 36.8 |



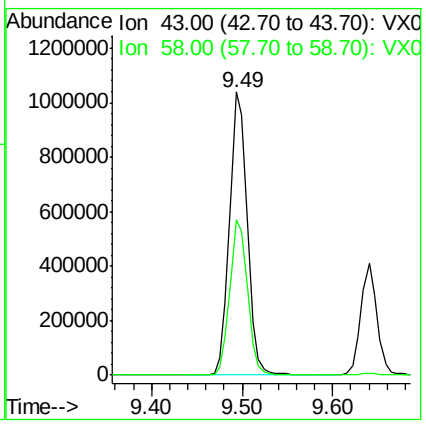


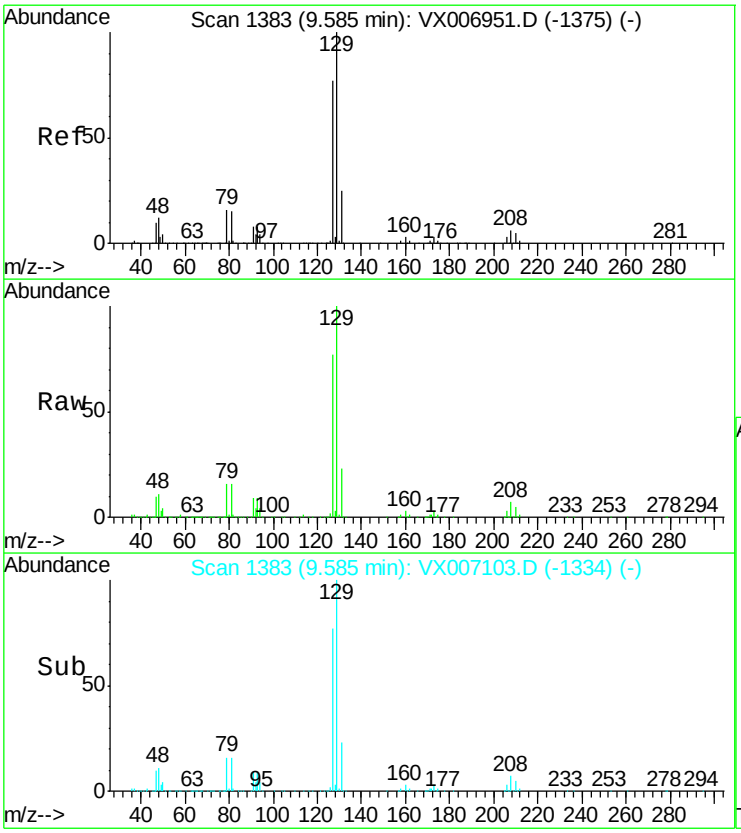

#59
2-Hexanone
Concen: 262.182 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 1415711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.0 | 27.7 | 83.1 |

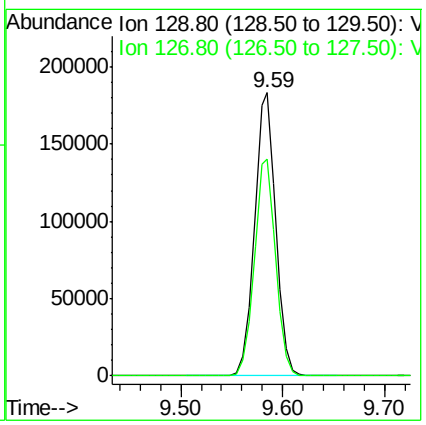


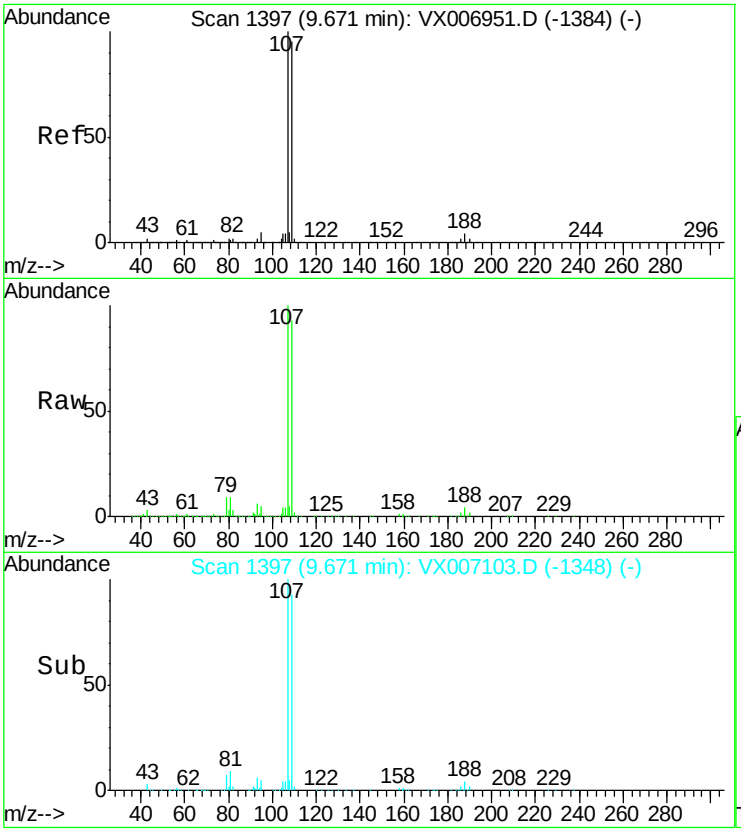




#60
Dibromochloromethane
Concen: 53.845 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:129 Resp: 267595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.8 | 39.3 | 117.8 |



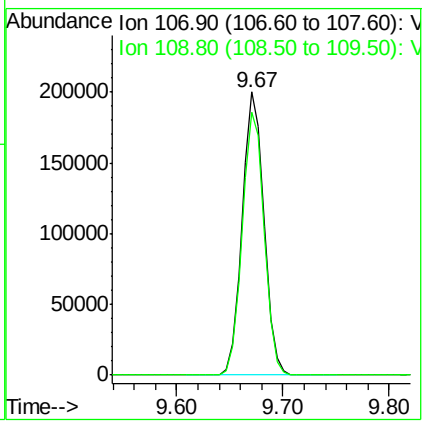


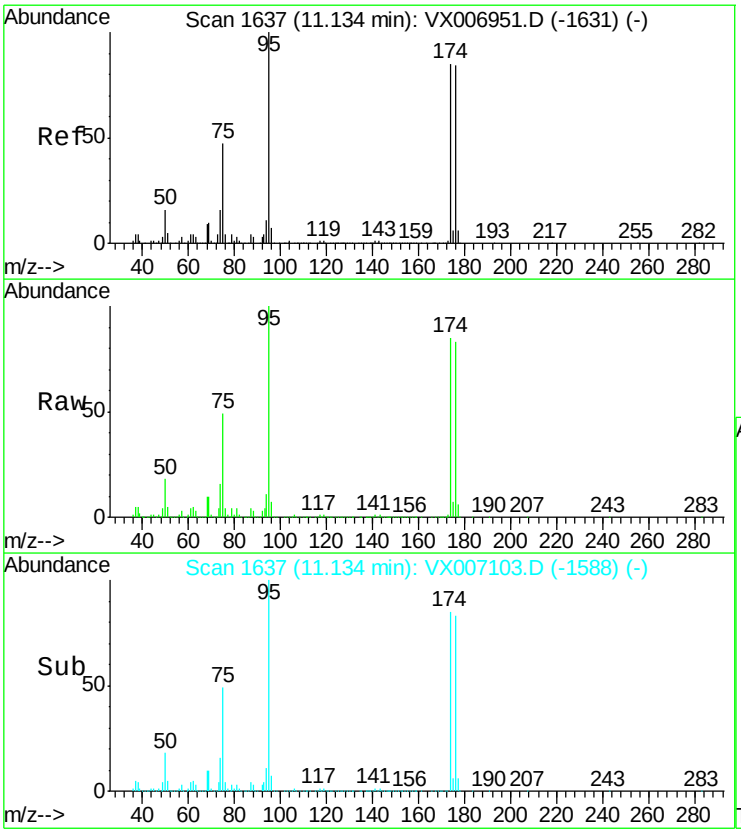

#61
1,2-Dibromoethane
Concen: 50.911 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion:107 Resp: 286854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.8 | 75.8 | 113.6 |

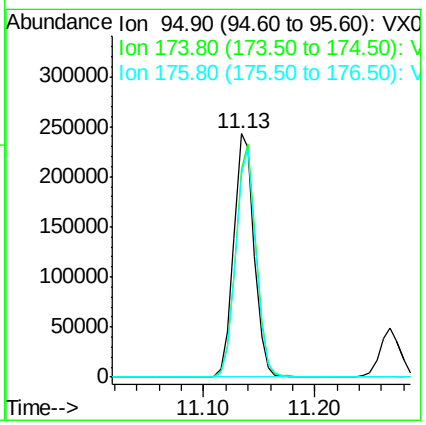


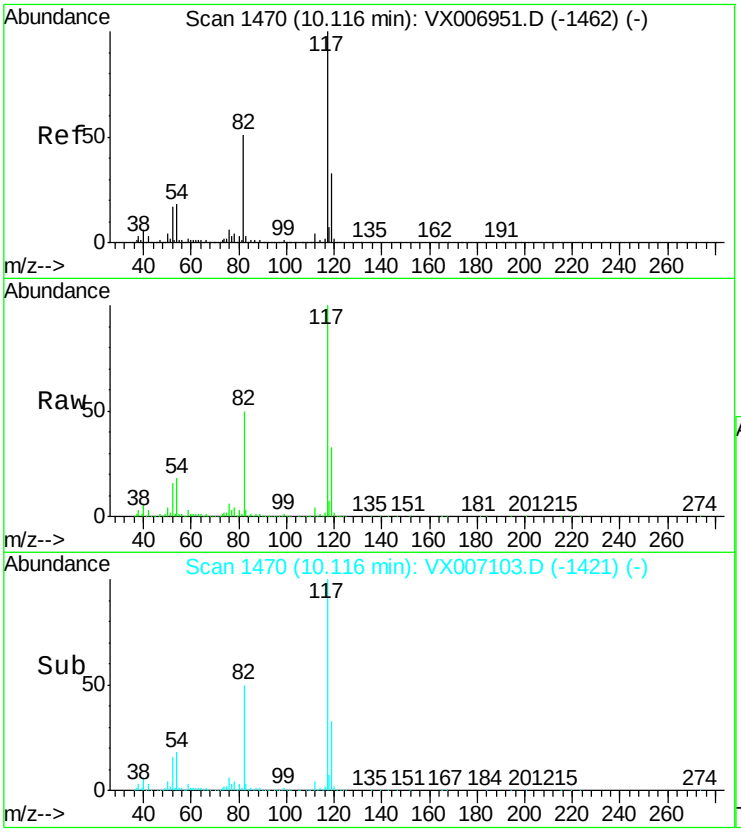




#62
4-Bromofluorobenzene
Concen: 50.307 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 95 Resp: 308292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 95.4 | 0.0 | 182.2 |
| 176 | 92.9 | 0.0 | 178.8 |



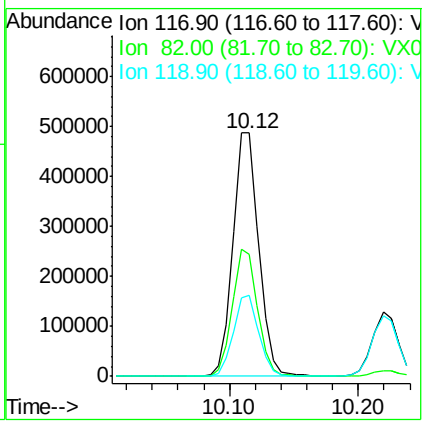


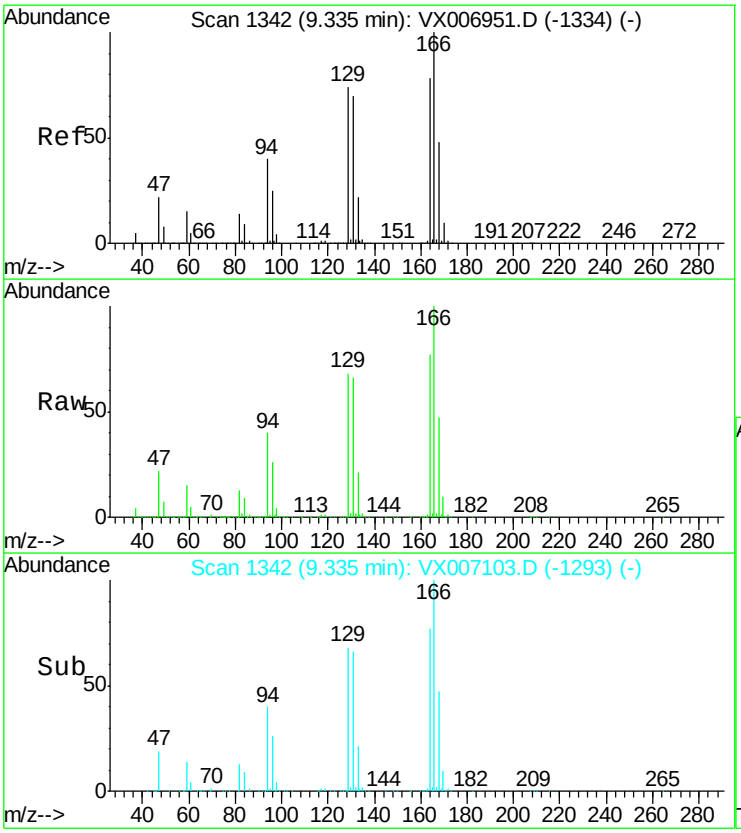

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion:117 Resp: 683074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.3 | 41.0 | 61.6 |
| 119 | 33.3 | 25.4 | 38.0 |

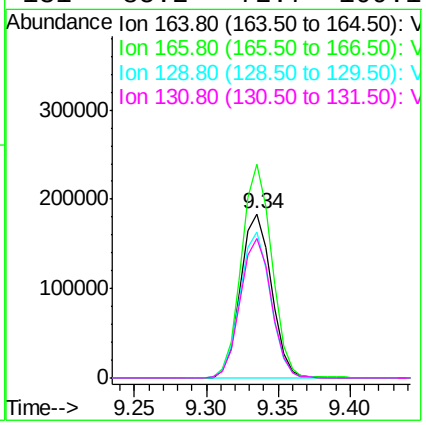


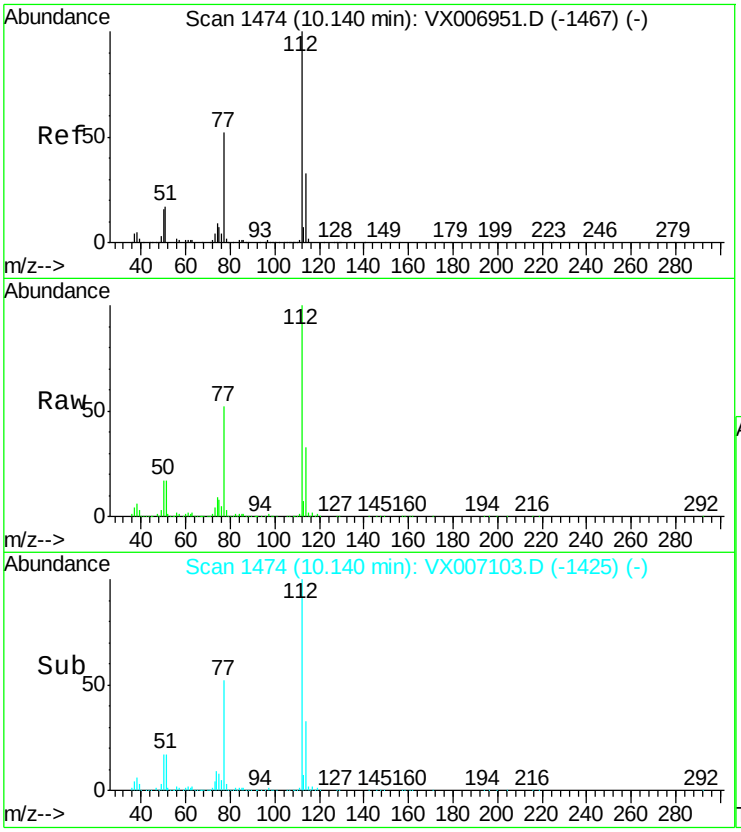




#64
Tetrachloroethene
Concen: 46.186 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:164 Resp: 273136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.0 | 102.5 | 153.7 |
| 129 | 88.6 | 75.1 | 112.7 |
| 131 | 85.2 | 72.7 | 109.1 |



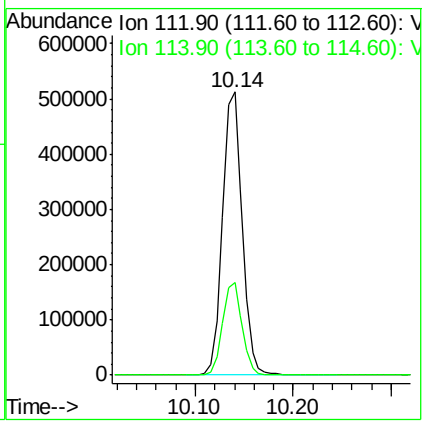


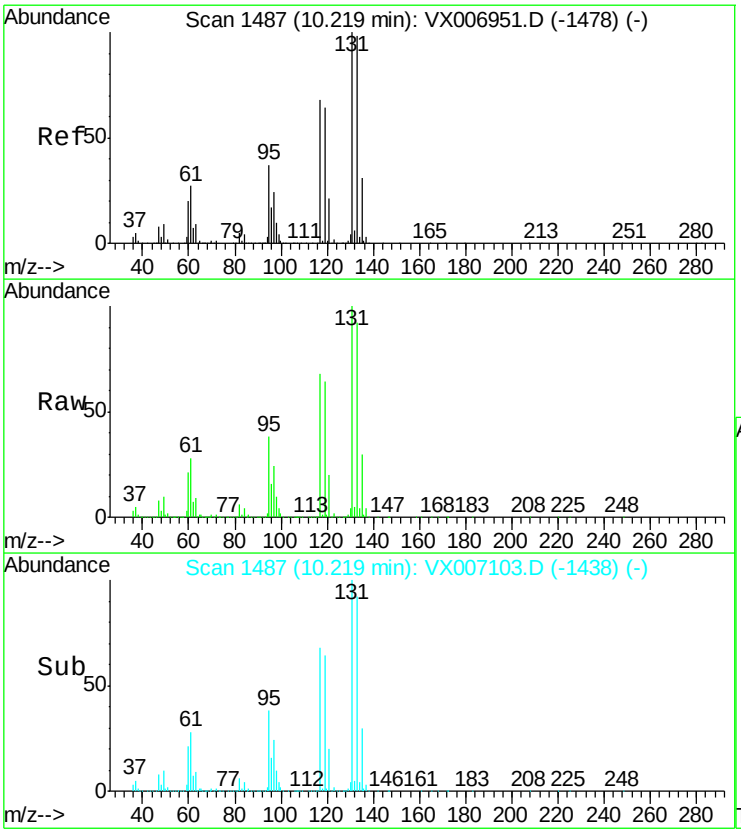

#65
Chlorobenzene
Concen: 47.989 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:112 Resp: 714944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.7 | 25.7 | 38.5 |

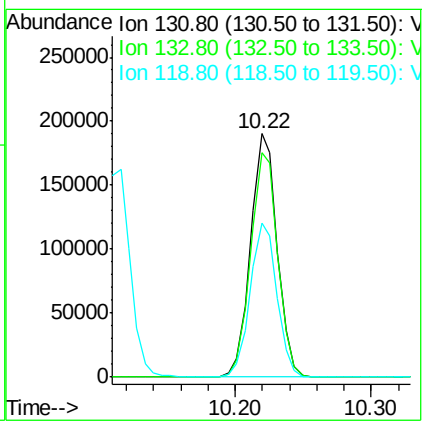


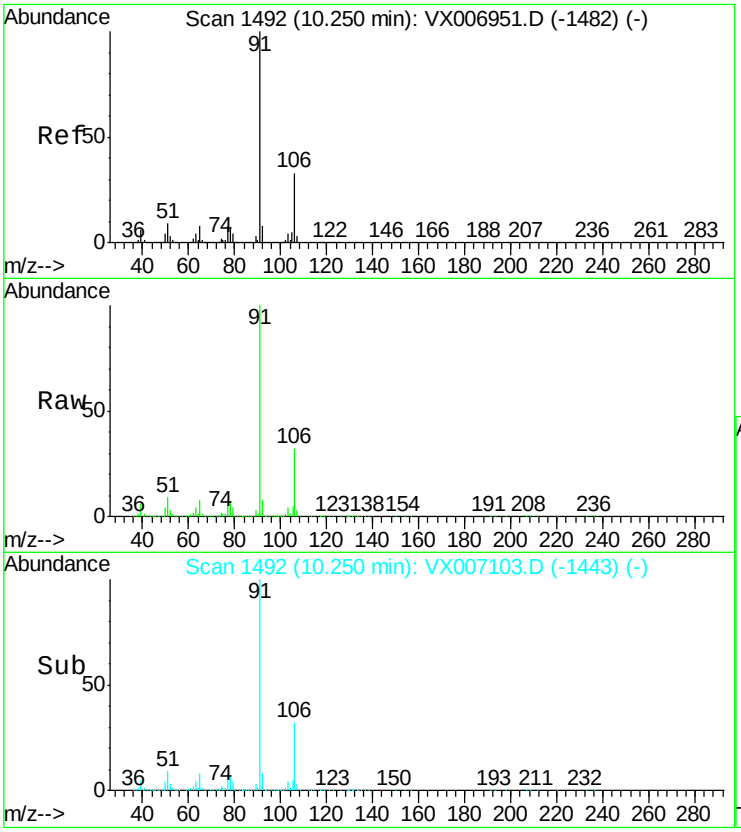




#66
1,1,1,2-Tetrachloroethane
Concen: 52.183 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:131 Resp: 261531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.0 | 48.0 | 144.2 |
| 119 | 63.7 | 32.6 | 97.8 |



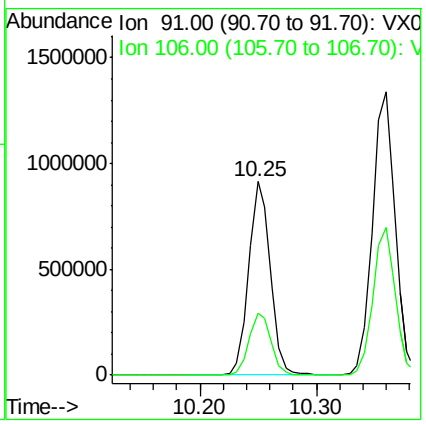


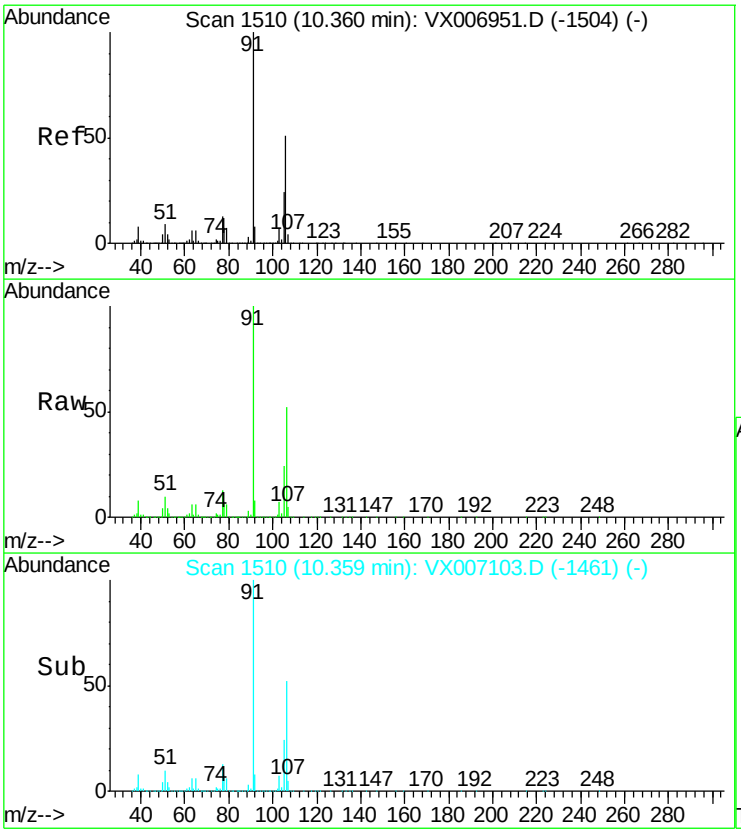

#67
Ethyl Benzene
Concen: 48.282 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 1187494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.9 | 26.4 | 39.6 |

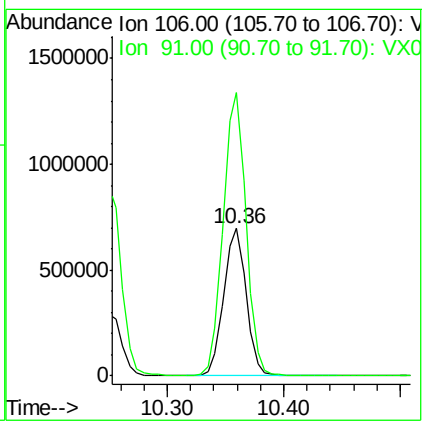


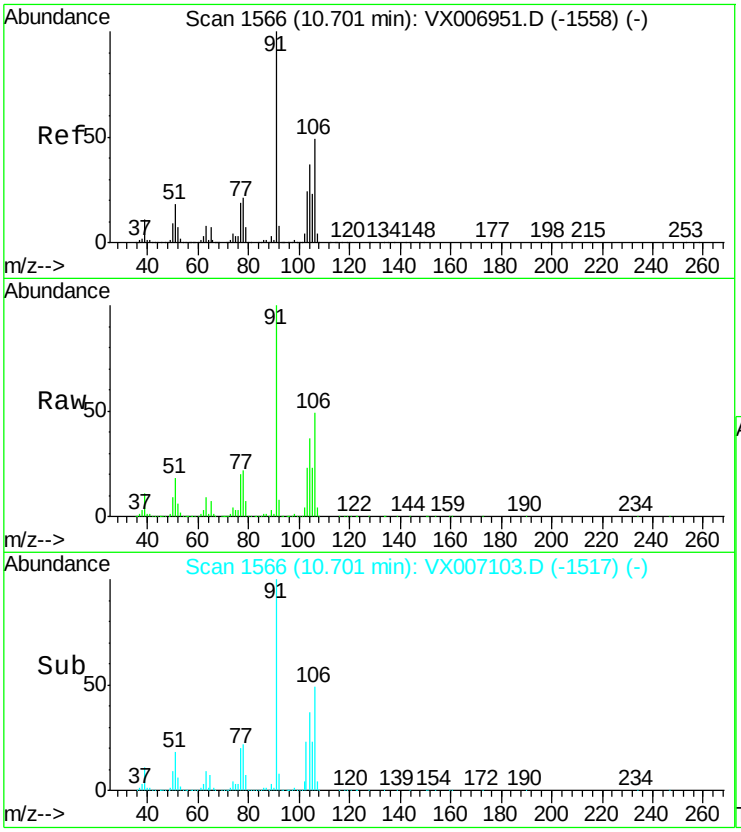




#68
m/p-Xylenes
Concen: 96.476 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:106 Resp: 934861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 195.0 | 155.8 | 233.6 |



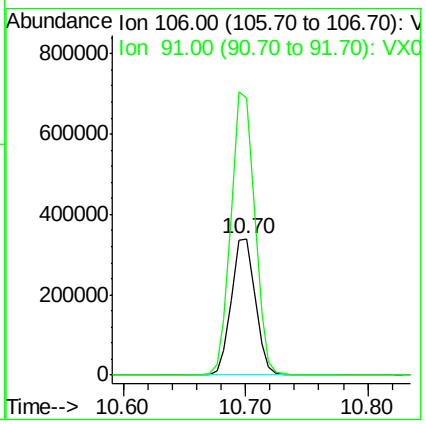


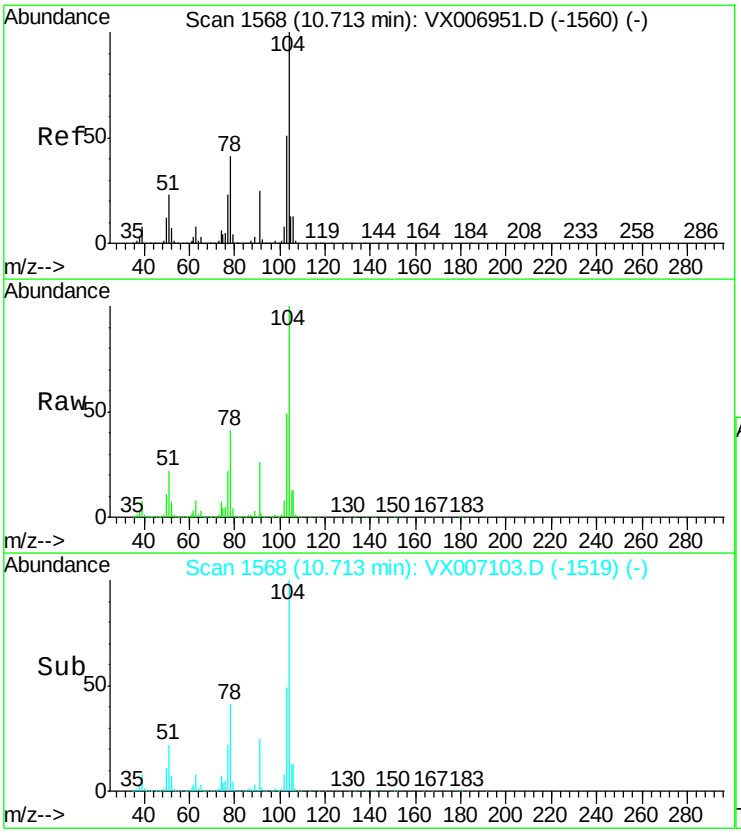

#69
o-Xylene
Concen: 48.639 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:106 Resp: 459648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.1 | 101.3 | 303.7 |

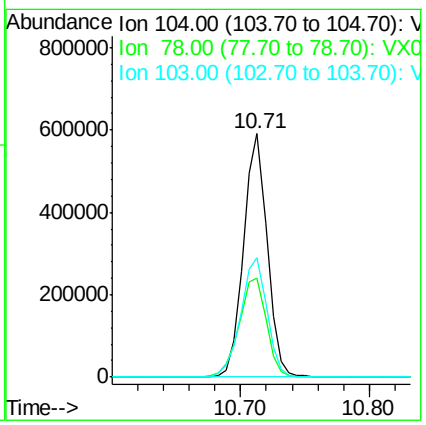


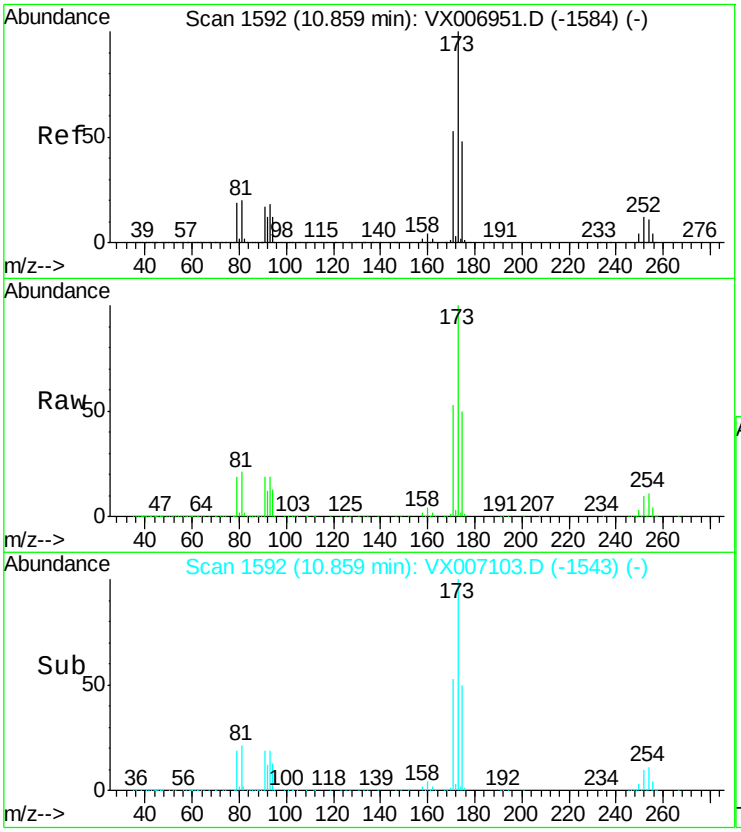




#70
Styrene
Concen: 49.736 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:104 Resp: 744413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 47.7 | 37.7 | 56.5 |
| 103 | 55.2 | 43.8 | 65.8 |



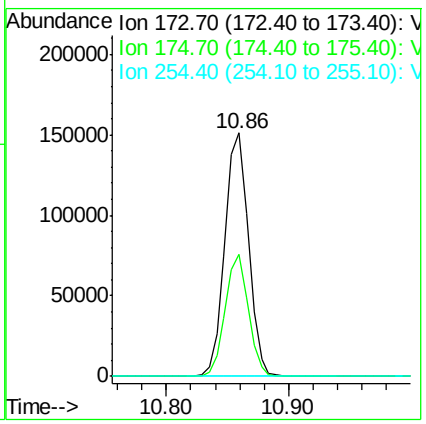


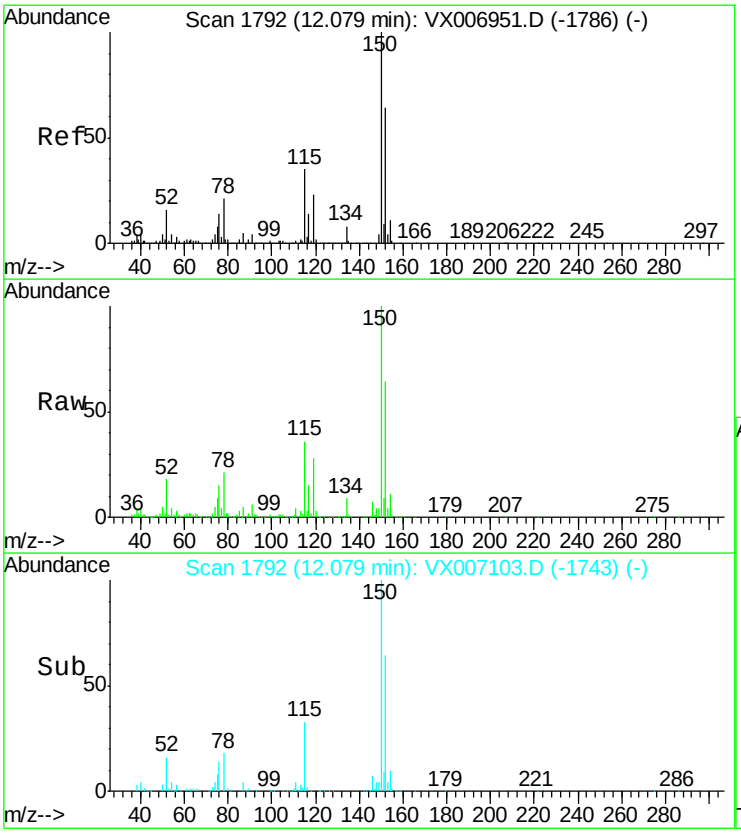

#71
Bromoform
Concen: 45.603 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion:173 Resp: 202419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.8 | 24.7 | 74.1 |
| 254 | 0.2 | 0.2 | 0.2 |

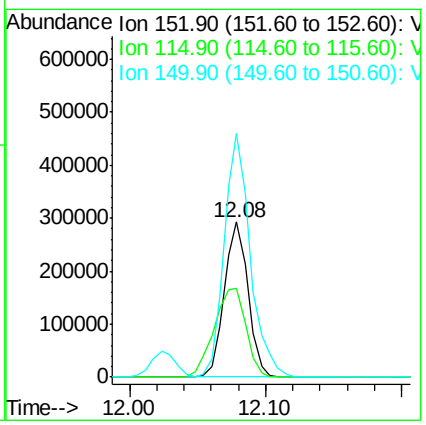


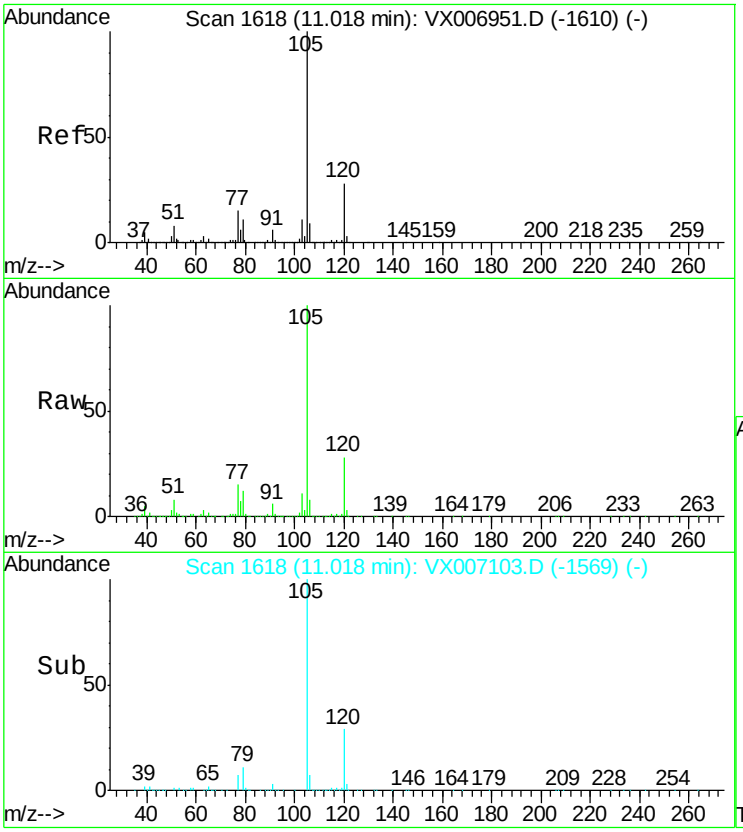




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:152 Resp: 352441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 77.1 | 39.1 | 117.2 |
| 150 | 172.5 | 0.0 | 344.8 |



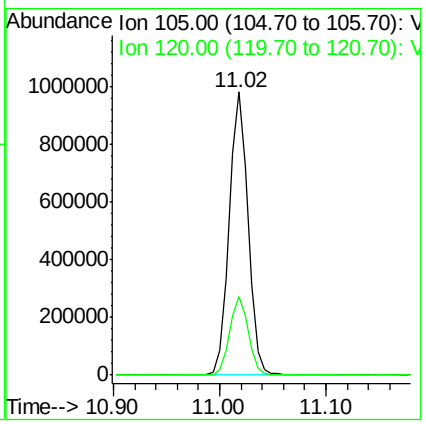


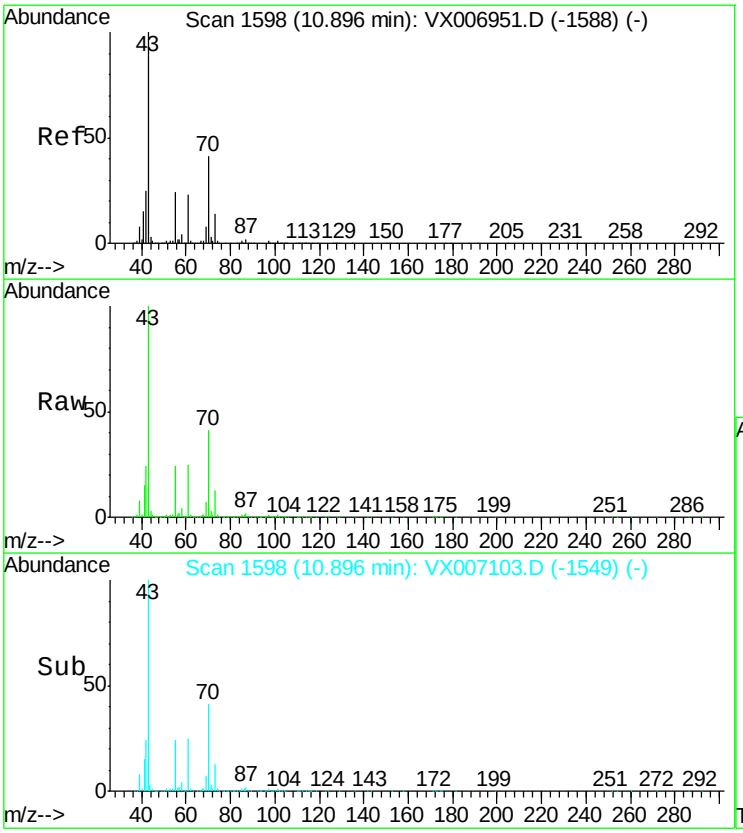

#73
Isopropylbenzene
Concen: 49.214 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion:105 Resp: 1223067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.6 | 14.1 | 42.4 |

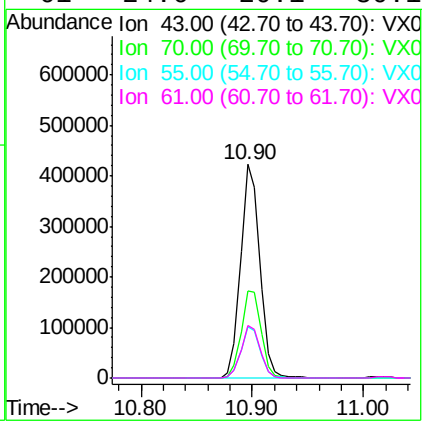


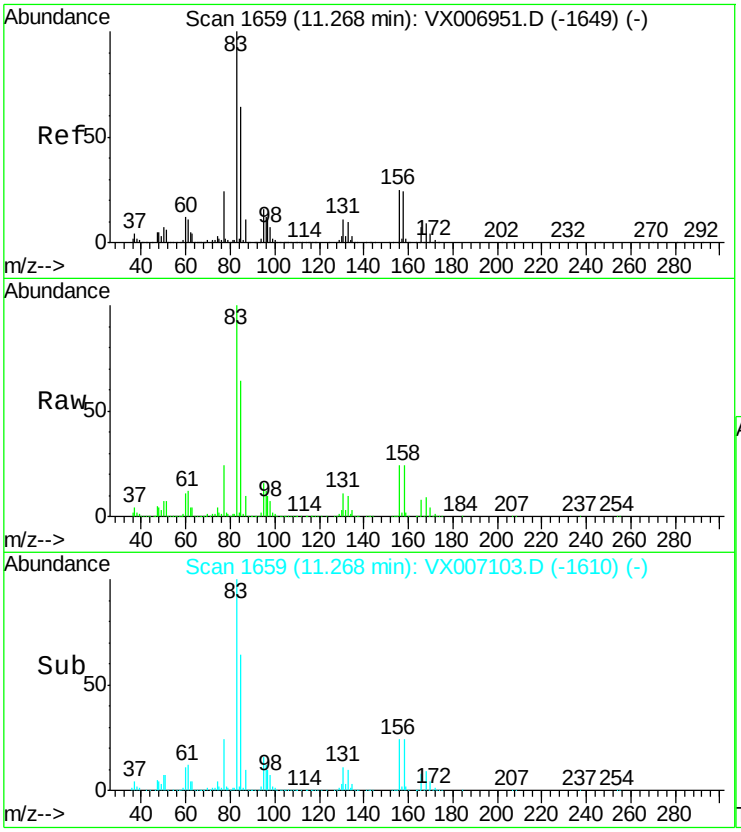




#74
N-amyl acetate
Concen: 50.585 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 43 Resp: 506154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 42.3 | 35.8 | 53.8 |
| 55 | 24.2 | 19.4 | 29.0 |
| 61 | 24.6 | 20.1 | 30.1 |



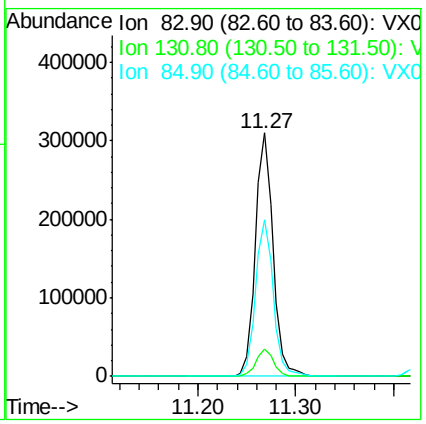


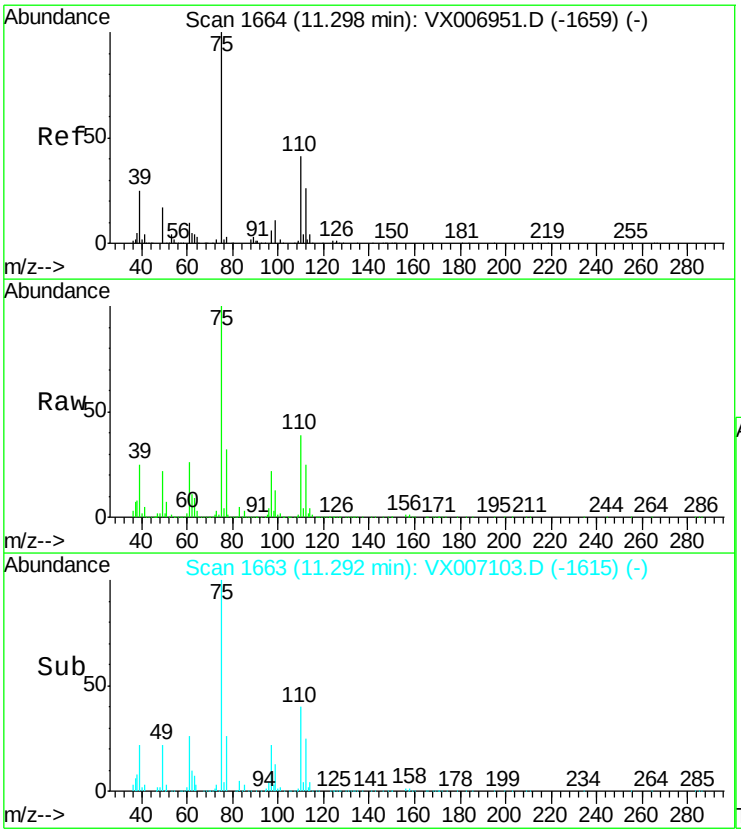

#75
1,1,2,2-Tetrachloroethane
Concen: 49.168 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 387922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.1 | 5.7 | 17.1 |
| 85 | 64.8 | 32.2 | 96.6 |

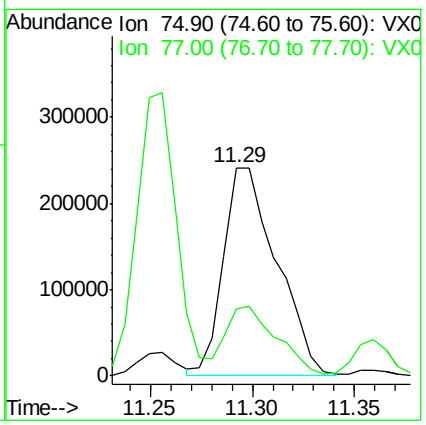


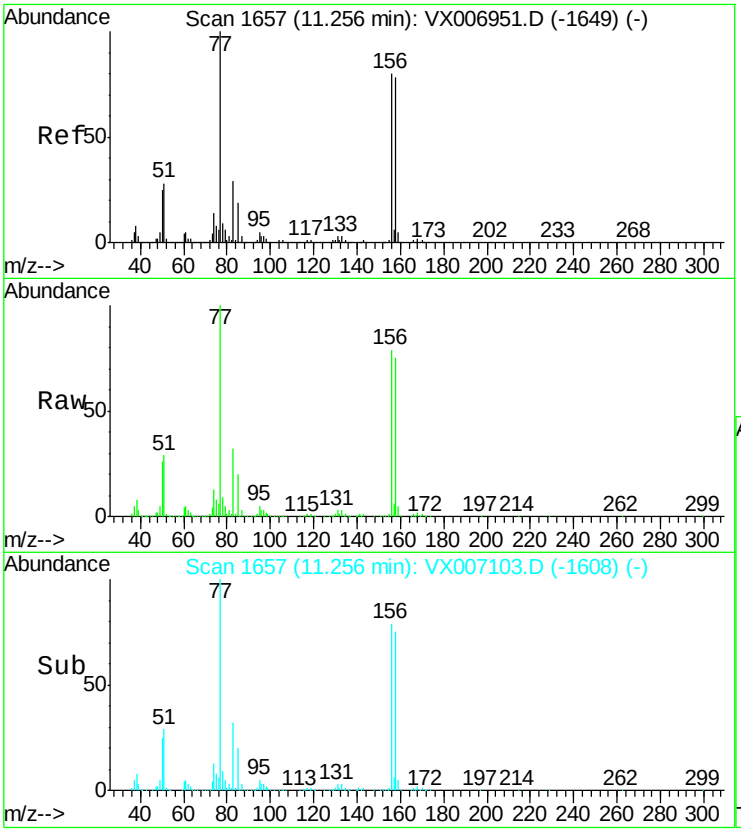




#76
1,2,3-Trichloropropane
Concen: 61.412 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 75 Resp: 438610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 18.5 | 55.5 |



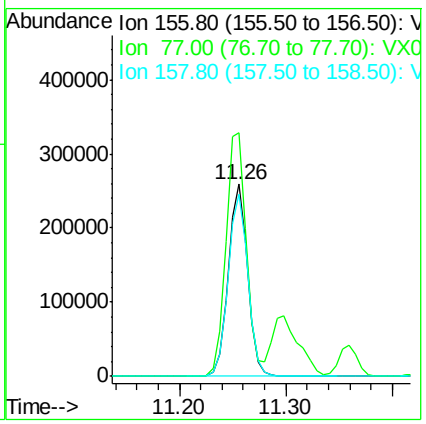


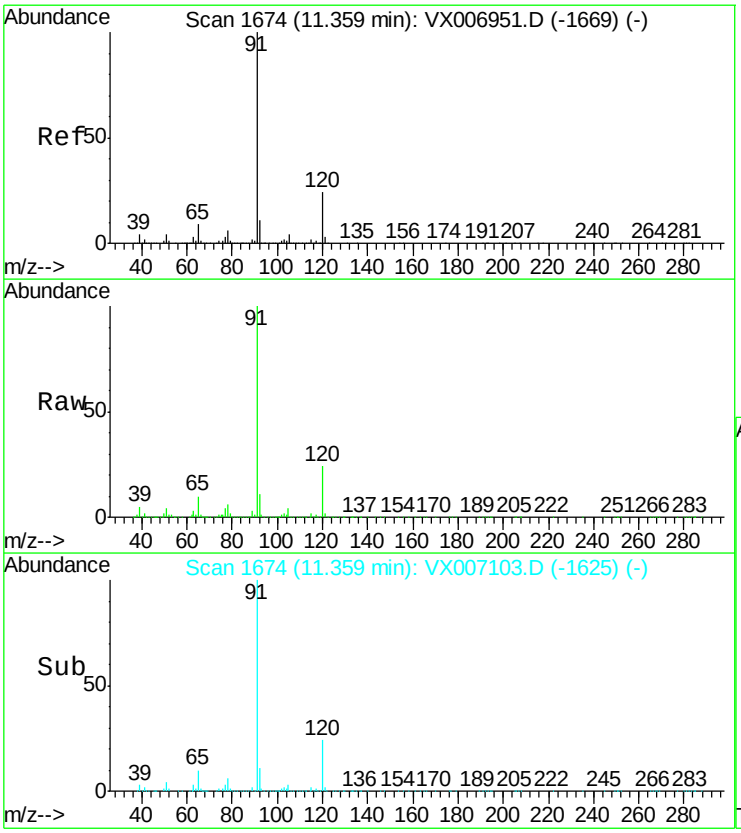

#77
Bromobenzene
Concen: 48.043 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion:156 Resp: 328979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 135.7 | 68.0 | 204.0 |
| 158 | 97.5 | 48.3 | 144.8 |

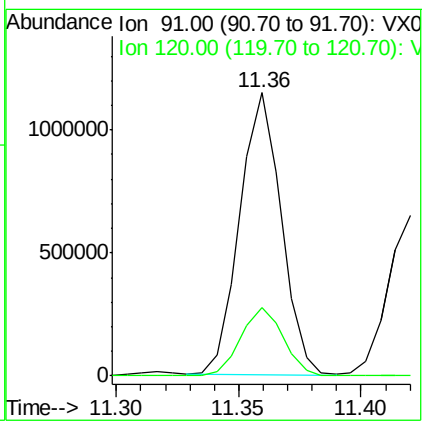


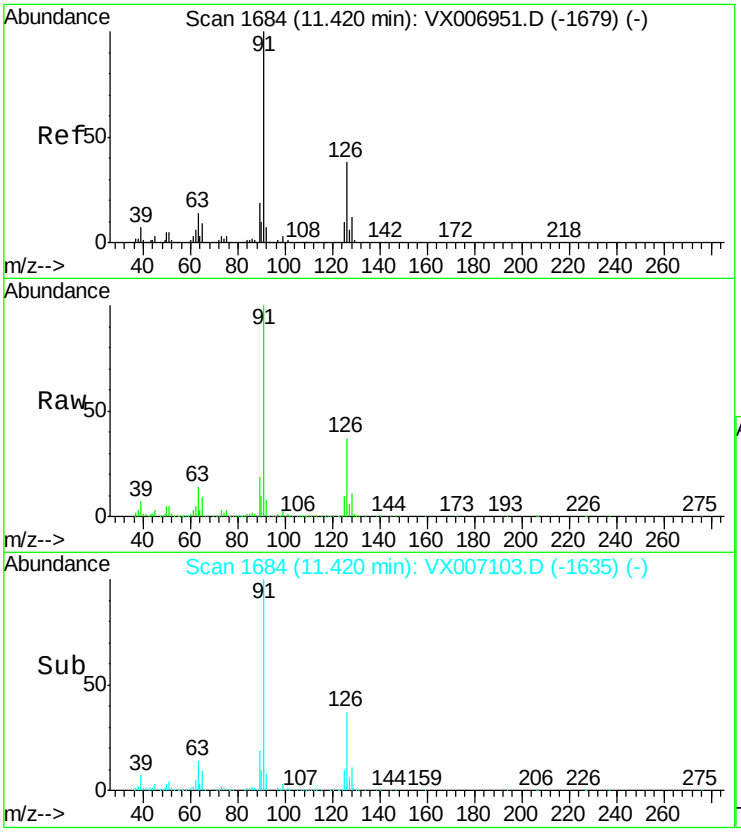




#78
n-propylbenzene
Concen: 49.606 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 91 Resp: 1353364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.8 | 12.7 | 38.0 |



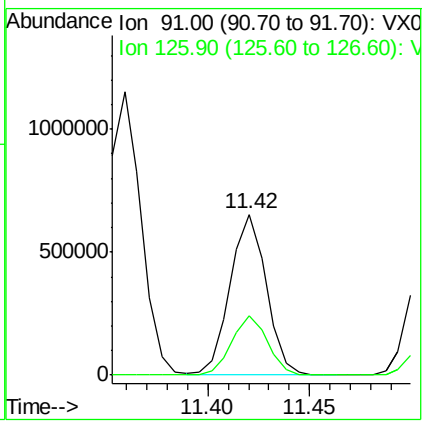


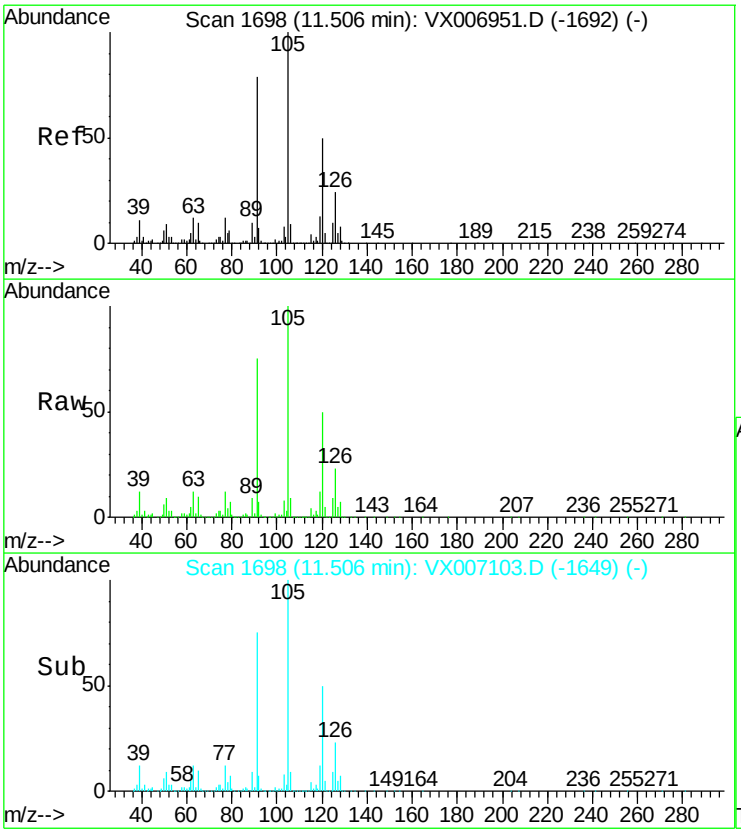

#79
2-Chlorotoluene
Concen: 48.562 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 797516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 37.0 | 18.6 | 56.0 |

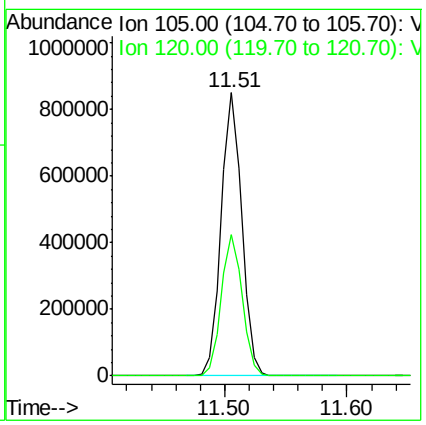


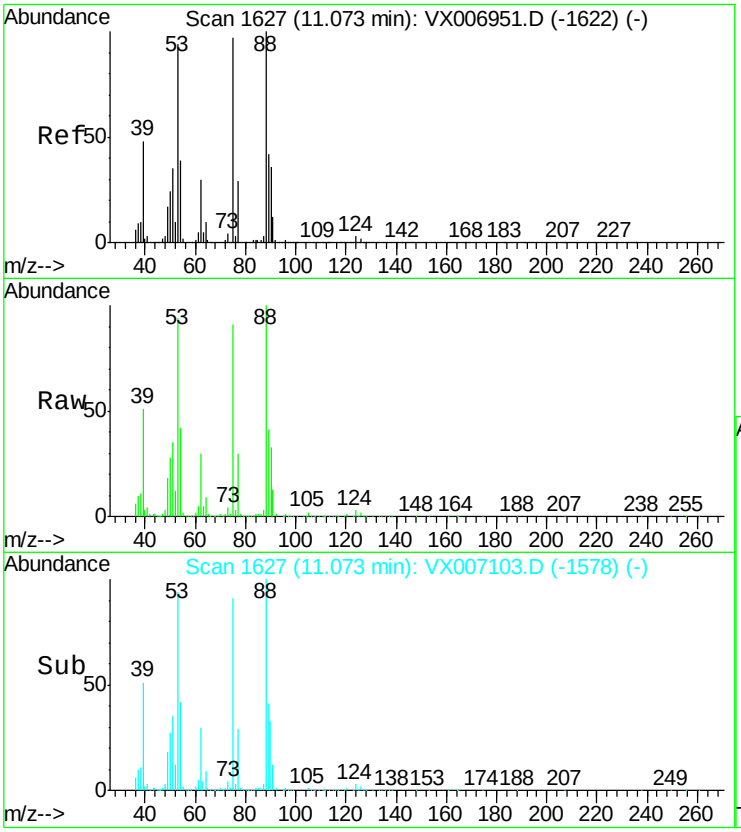




#80
1,3,5-Trimethylbenzene
Concen: 48.048 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:105 Resp: 997748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.6 | 25.1 | 75.3 |



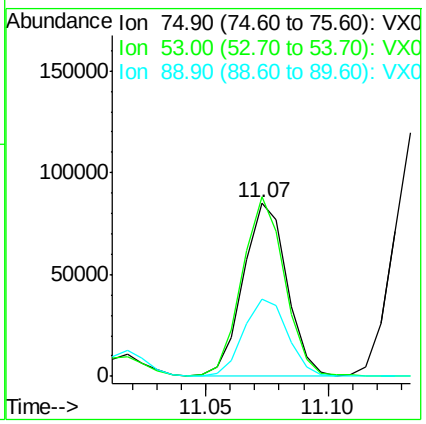


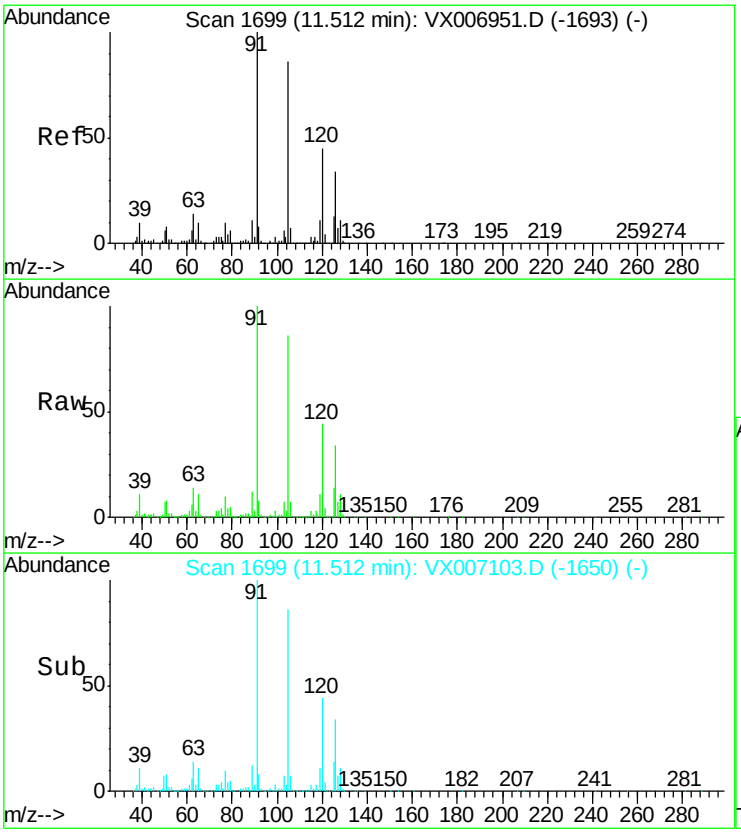

#81
trans-1,4-Dichloro-2-butene
Concen: 45.049 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 105655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 100.2 | 79.7 | 119.5 |
| 89 | 44.7 | 38.0 | 57.0 |

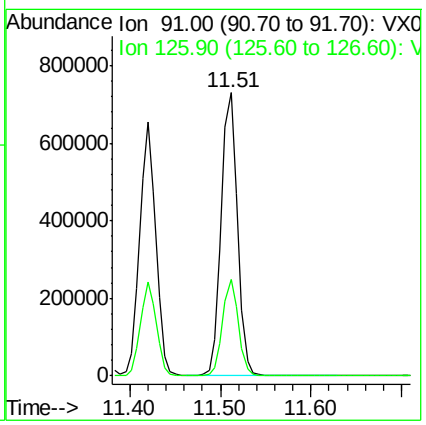


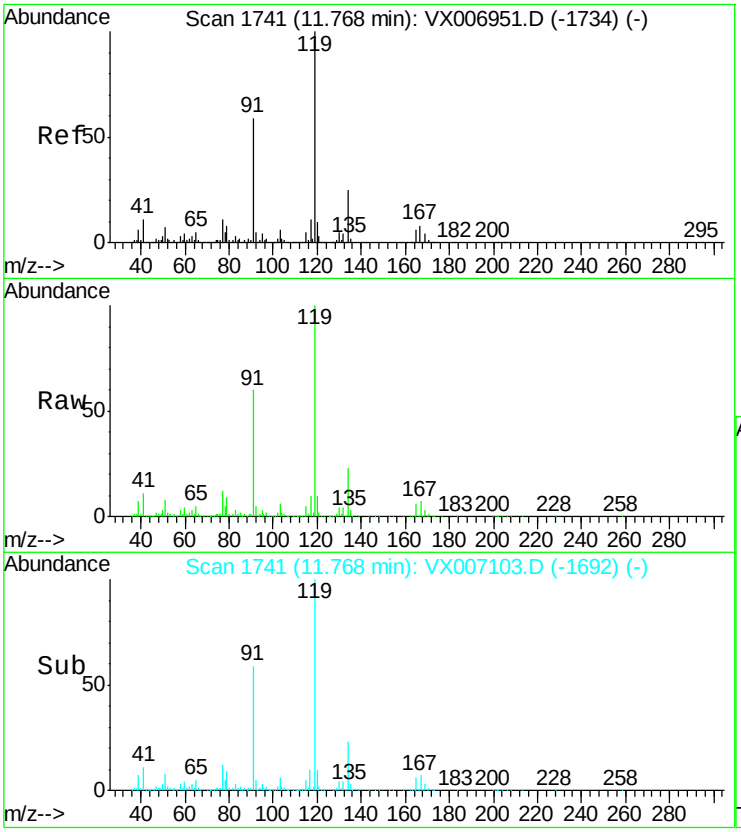




#82
4-Chlorotoluene
Concen: 48.303 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 91 Resp: 918473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.8 | 16.3 | 48.9 |



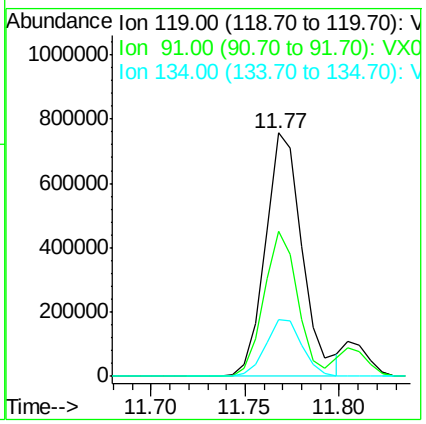


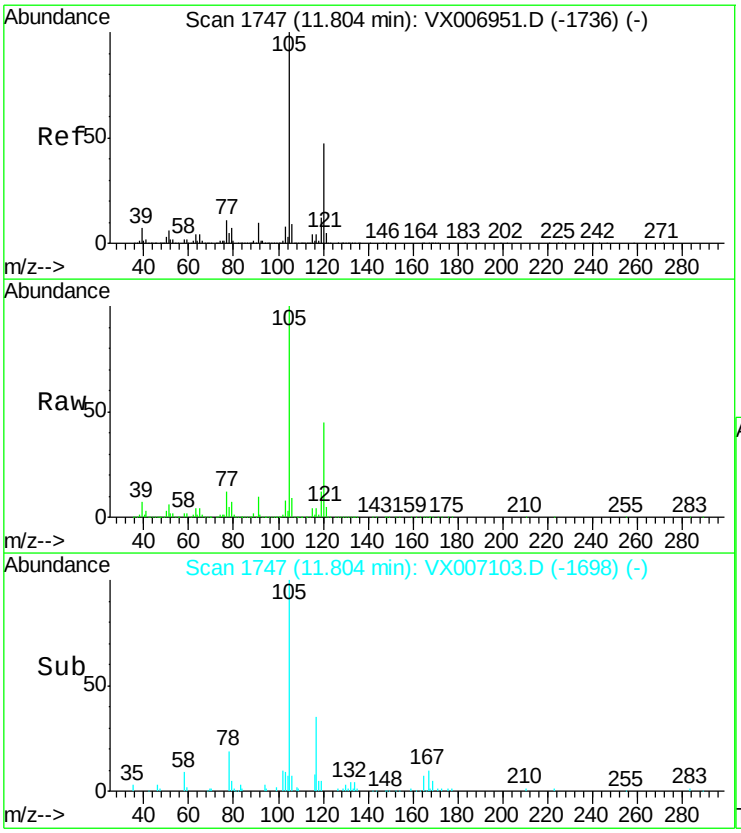

#83
tert-Butylbenzene
Concen: 49.588 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion:119 Resp: 1027384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 54.6 | 27.7 | 83.1 |
| 134 | 23.1 | 11.9 | 35.5 |

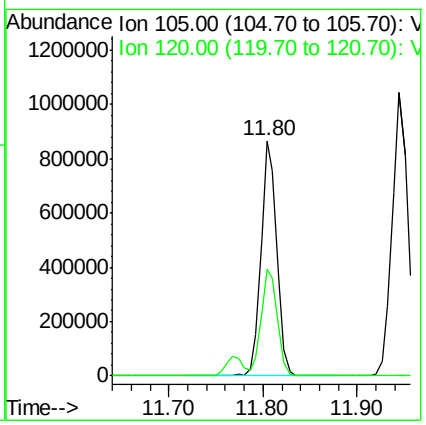


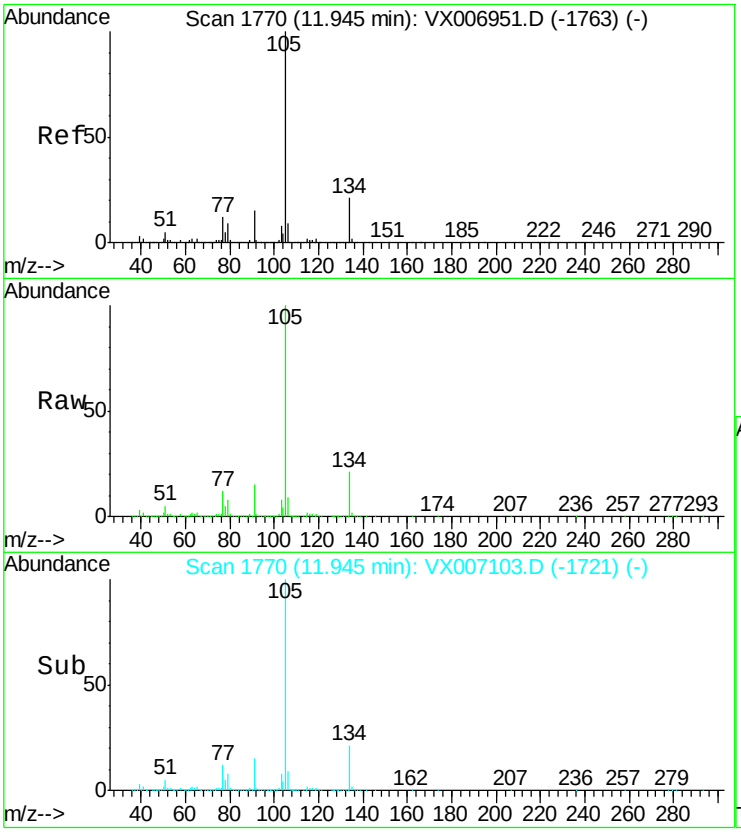




#84
1,2,4-Trimethylbenzene
Concen: 49.173 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:105 Resp: 1026816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.0 | 23.2 | 69.6 |



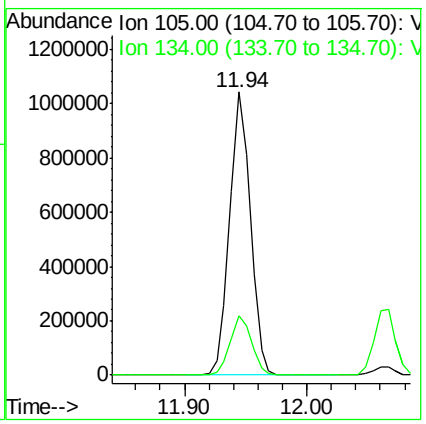


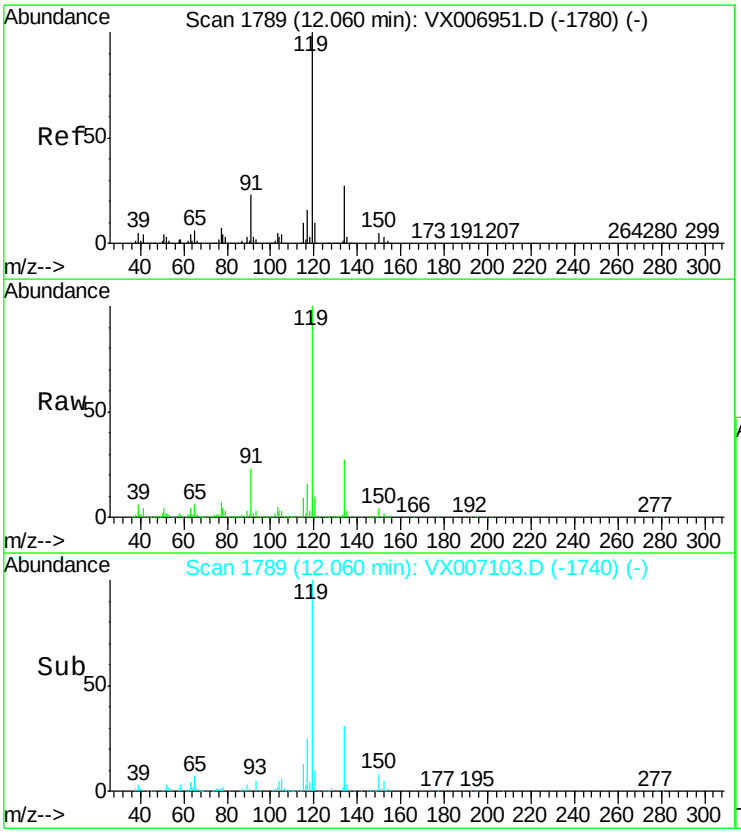

#85
sec-Butylbenzene
Concen: 49.224 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:105 Resp: 1217980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.6 | 10.7 | 31.9 |

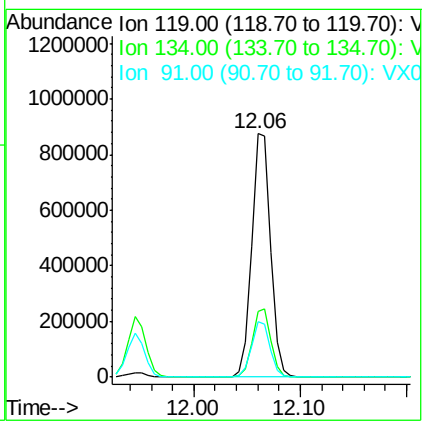


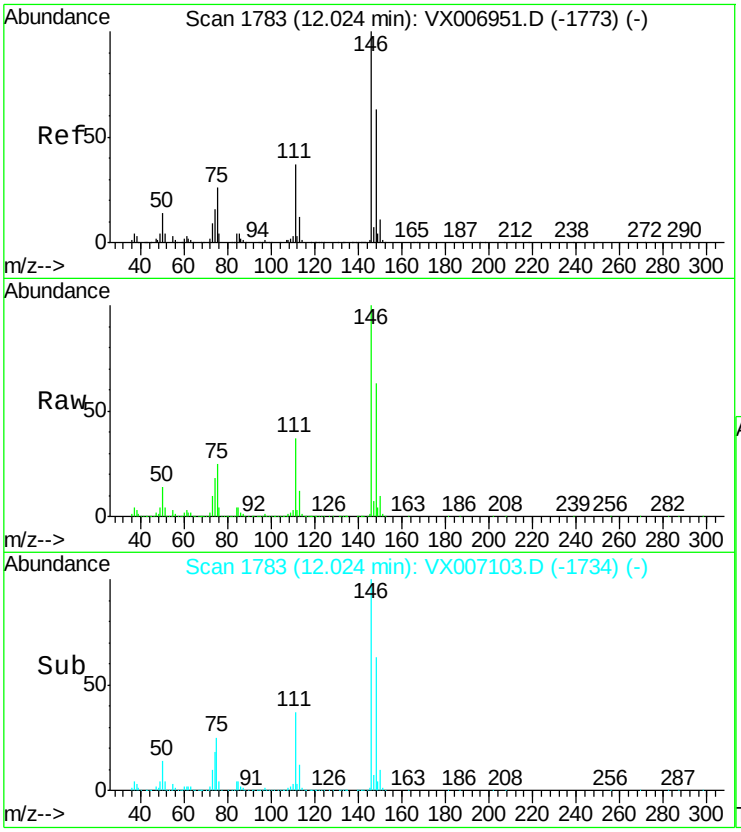




#86
p-Isopropyltoluene
Concen: 49.116 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:119 Resp: 1087050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.5 | 14.0 | 41.9 |
| 91 | 22.4 | 11.3 | 33.9 |



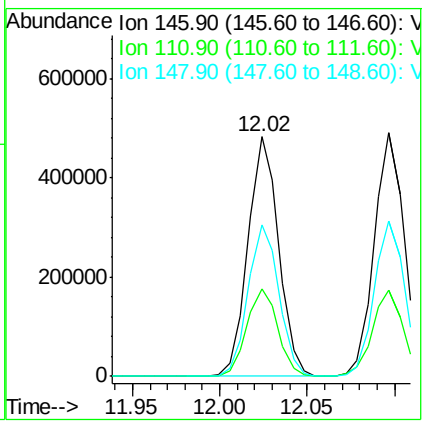


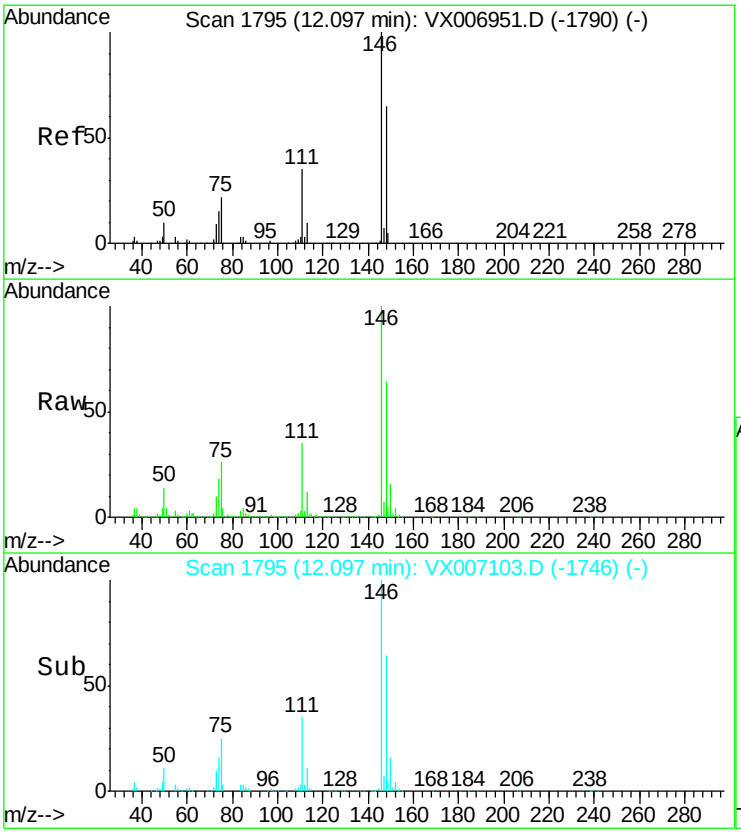

#87
1,3-Dichlorobenzene
Concen: 47.410 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion:146 Resp: 586792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.2 | 18.6 | 55.8 |
| 148 | 63.9 | 31.8 | 95.3 |

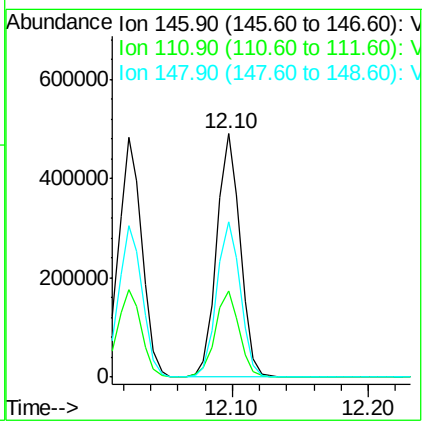


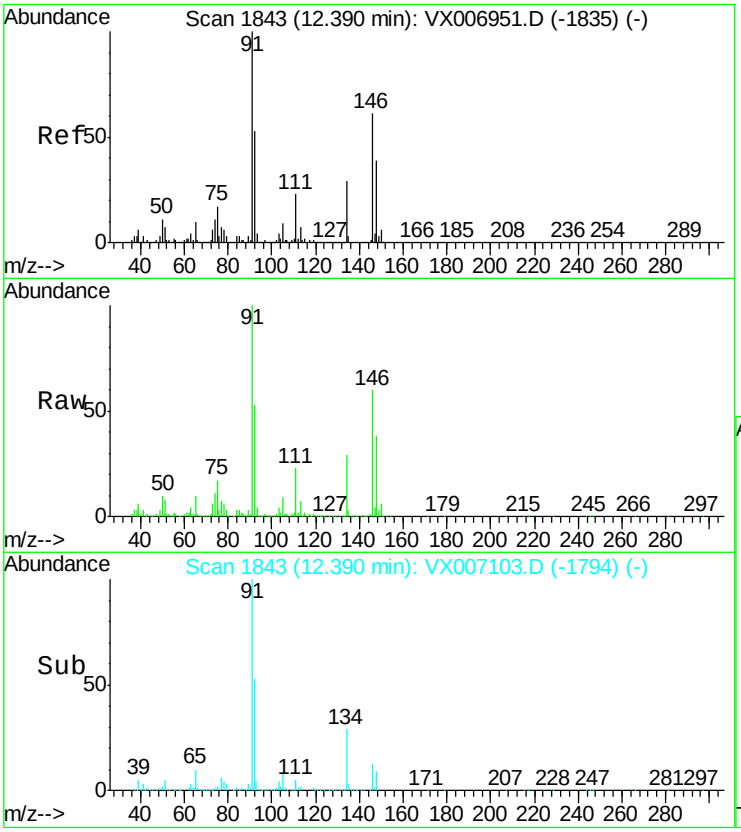




#88
1,4-Dichlorobenzene
Concen: 49.938 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:146 Resp: 585617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.2 | 18.1 | 54.1 |
| 148 | 64.5 | 31.9 | 95.9 |



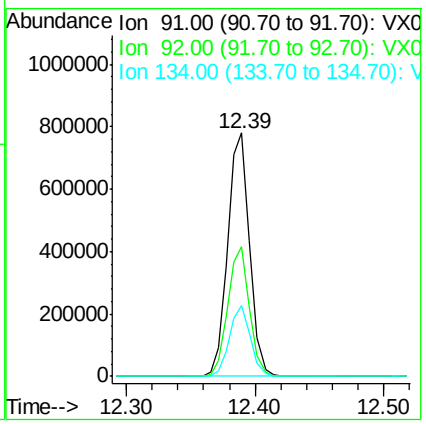


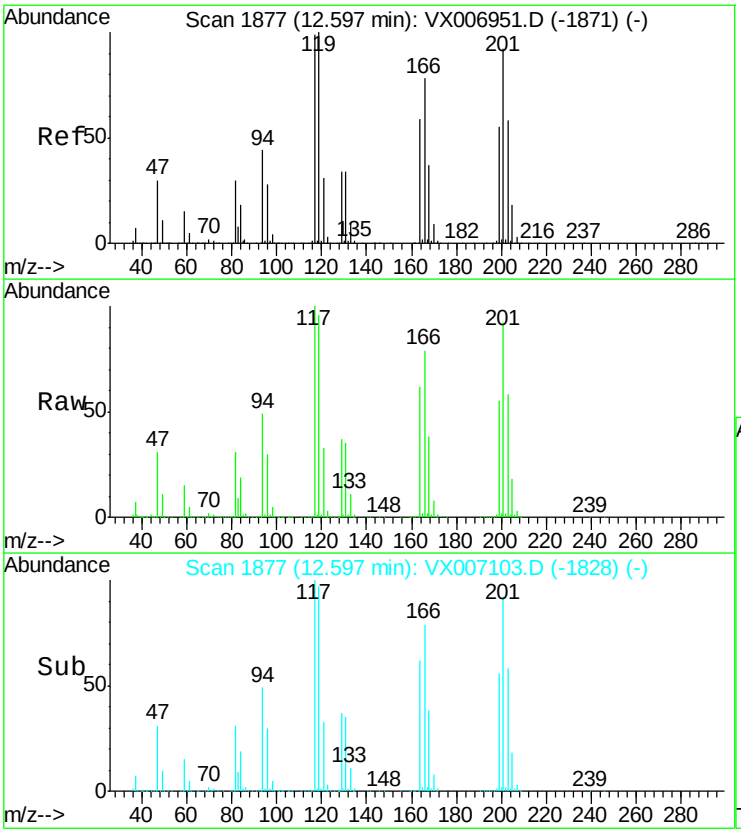

#89
n-Butylbenzene
Concen: 49.190 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 928076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.5 | 26.8 | 80.4 |
| 134 | 28.0 | 14.4 | 43.2 |

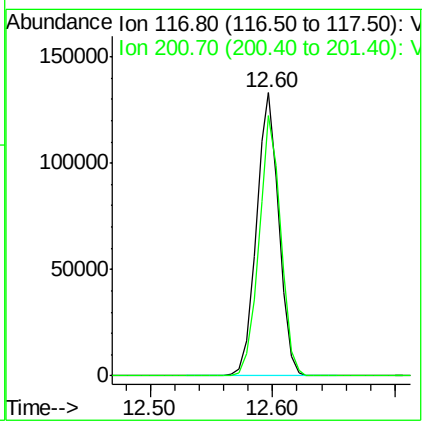


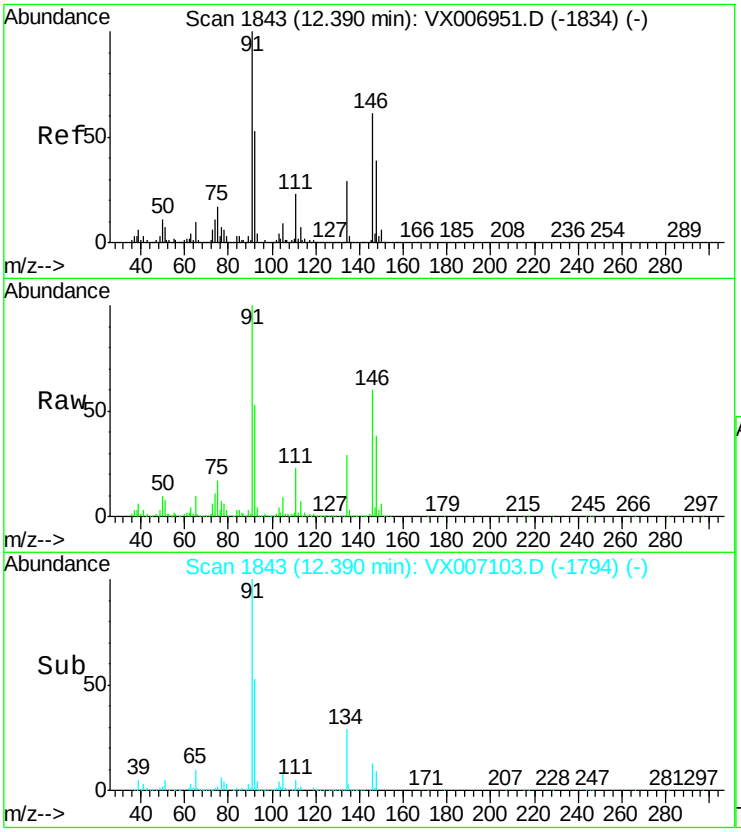




#90
Hexachloroethane
Concen: 48.227 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:117 Resp: 170013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 89.2 | 42.9 | 128.7 |



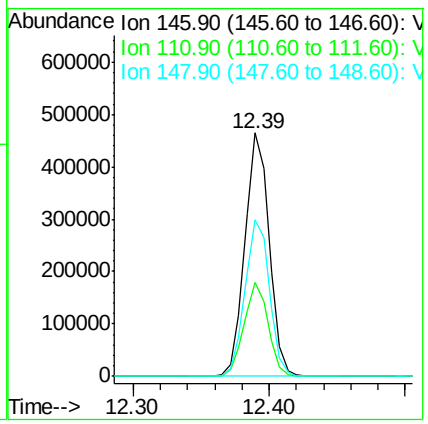


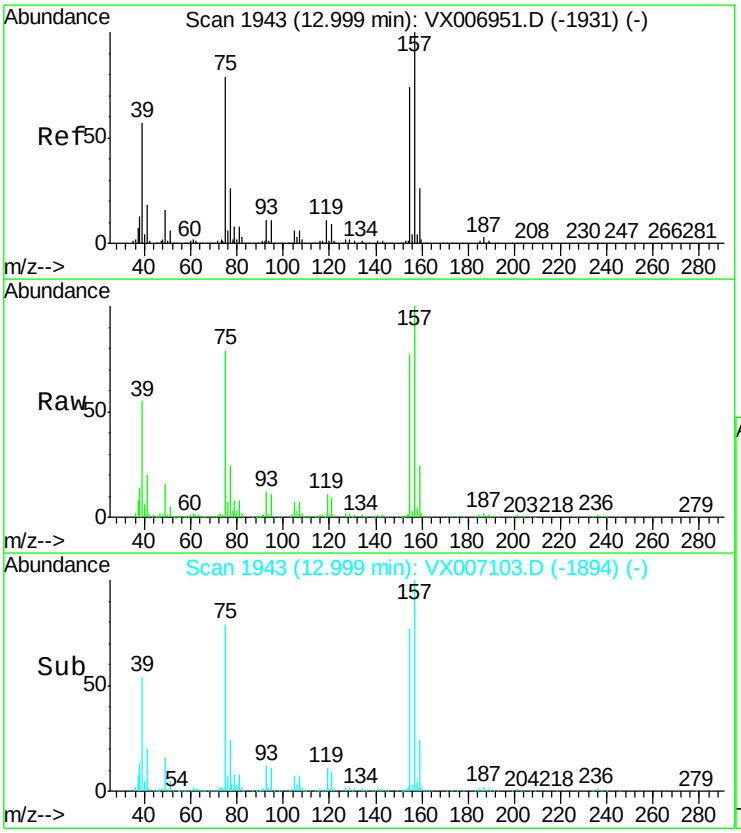

#91
1,2-Dichlorobenzene
Concen: 47.579 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 581151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.2 | 19.4 | 58.2 |
| 148 | 64.8 | 32.3 | 96.9 |

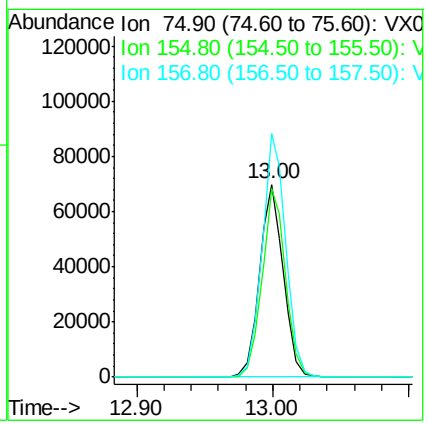


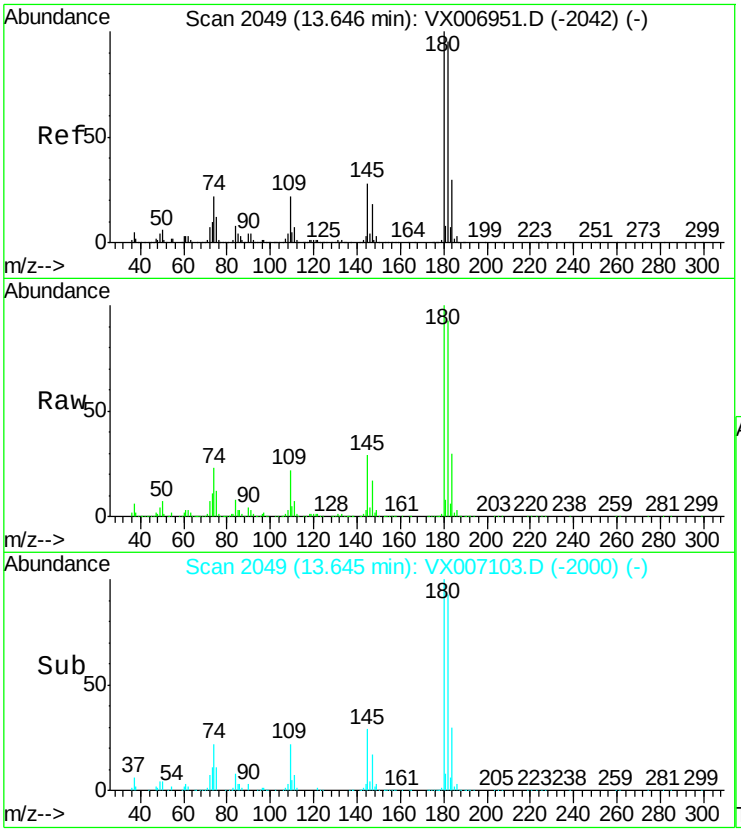




#92
1,2-Dibromo-3-Chloropropane
Concen: 54.754 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 75 Resp: 85438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 96.3 | 50.6 | 151.8 |
| 157 | 125.8 | 64.6 | 193.8 |



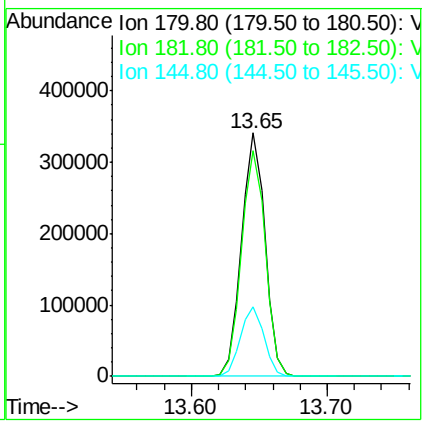


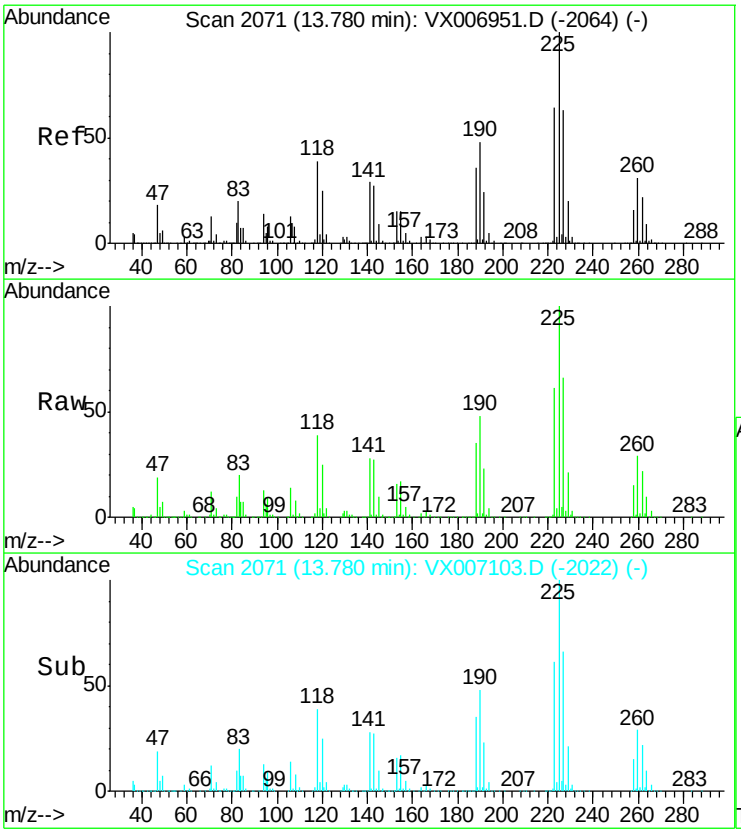

#93
1,2,4-Trichlorobenzene
Concen: 49.214 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:180 Resp: 412408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.9 | 47.3 | 142.0 |
| 145 | 28.7 | 14.8 | 44.3 |

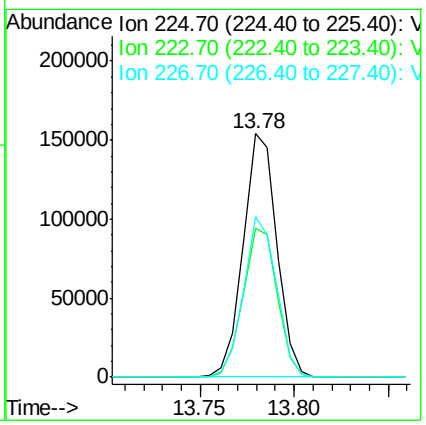


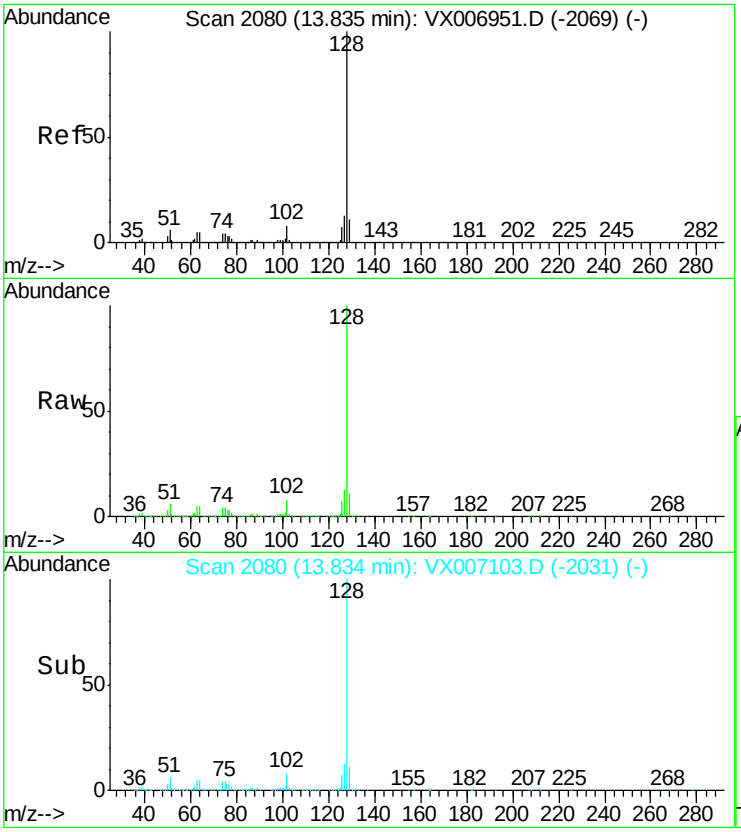




#94
Hexachlorobutadiene
Concen: 51.247 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:225 Resp: 190573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.9 | 32.1 | 96.3 |
| 227 | 64.5 | 32.3 | 96.8 |



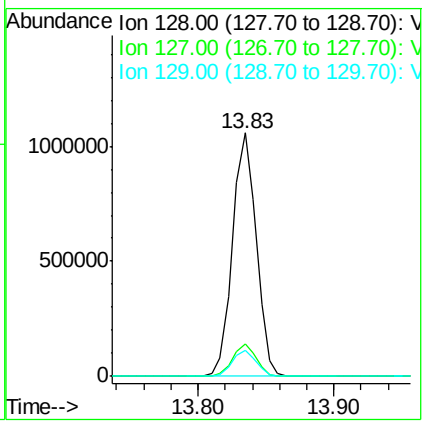


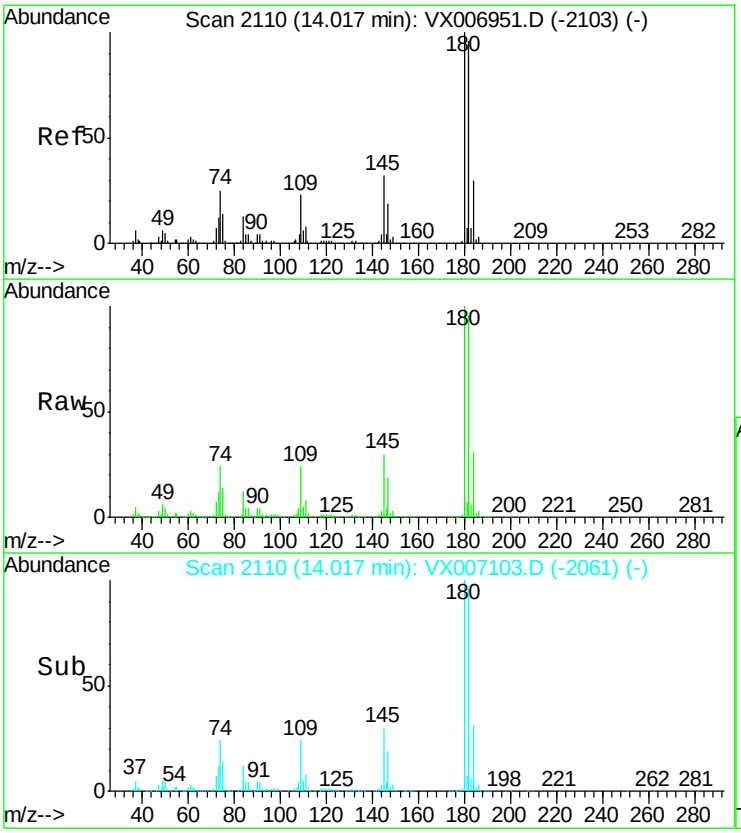

#95
Naphthalene
Concen: 50.585 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:128 Resp: 1284492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.1 | 15.1 |
| 129 | 10.9 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 49.083 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:180 Resp: 408591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.4 | 48.5 | 145.5 |
| 145 | 30.0 | 16.0 | 47.9 |