Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008061.D
Acq On : 14 Mar 2019 09:39
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 14 14:47:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 14 14:45:01 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 458529 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 649772 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 598367 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 289486 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 5210 | 1.17 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 2.34% | | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 3908 | 0.99 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 1.98% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 14328 | 0.94 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 1.88% | | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 4877 | 0.89 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 1.78% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 3544 | 0.960 | ug/l | | 98 |
| 3) Chloromethane | 1.33 | 50 | 4949 | 1.236 | ug/l | | 95 |
| 4) Vinyl Chloride | 1.41 | 62 | 4408 | 1.153 | ug/l | | 94 |
| 5) Bromomethane | 1.65 | 94 | 3357 | 1.729 | ug/l | | 89 |
| 6) Chloroethane | 1.73 | 64 | 4444 | 1.980 | ug/l | | 97 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 5514 | 1.217 | ug/l | | 100 |
| 8) Diethyl Ether | 2.19 | 74 | 2413 | 0.989 | ug/l | | 89 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 3705 | 1.030 | ug/l | | 98 |
| 10) Methyl Iodide | 2.51 | 142 | 4408 | 0.775 | ug/l | | 97 |
| 11) Tert butyl alcohol | 3.06 | 59 | 4560 | 5.119 | ug/l | # | 93 |
| 12) 1,1-Dichloroethene | 2.38 | 96 | 3533 | 1.021 | ug/l | | 92 |
| 13) Acrolein | 2.29 | 56 | 2547 | 3.094 | ug/l | | 86 |
| 14) Allyl chloride | 2.73 | 41 | 6034 | 0.951 | ug/l | | 92 |
| 15) Acrylonitrile | 3.15 | 53 | 11073 | 5.116 | ug/l | | 98 |
| 16) Acetone | 2.45 | 43 | 11733 | 5.587 | ug/l | | 97 |
| 17) Carbon Disulfide | 2.57 | 76 | 9226 | 0.894 | ug/l | | 98 |
| 18) Methyl Acetate | 2.78 | 43 | 4674 | 0.983 | ug/l | | 94 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 11722 | 1.011 | ug/l | | 98 |
| 20) Methylene Chloride | 2.85 | 84 | 4307 | 1.134 | ug/l | # | 83 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 3960 | 1.072 | ug/l | | 90 |
| 22) Diisopropyl ether | 3.87 | 45 | 12211 | 0.961 | ug/l | | 93 |
| 23) Vinyl Acetate | 3.82 | 43 | 49815 | 4.487 | ug/l | | 98 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 6911 | 0.990 | ug/l | | 97 |
| 25) 2-Butanone | 4.70 | 43 | 16866 | 5.048 | ug/l | | 95 |
| 26) 2,2-Dichloropropane | 4.58 | 77 | 4984 | 0.955 | ug/l | | 99 |
| 27) cis-1,2-Dichloroethene | 4.59 | 96 | 4538 | 1.047 | ug/l | | 95 |
| 28) Bromochloromethane | 5.01 | 49 | 2725 | 0.811 | ug/l | # | 92 |
| 29) Tetrahydrofuran | 5.15 | 42 | 10291 | 4.852 | ug/l | | 99 |
| 30) Chloroform | 5.21 | 83 | 6955 | 1.019 | ug/l | | 92 |
| 31) Cyclohexane | 5.58 | 56 | 6068 | 0.915 | ug/l | | 98 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 5427 | 0.909 | ug/l | # | 49 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 5265 | 1.015 | ug/l | | 99 |
| 37) Ethyl Acetate | 4.85 | 43 | 5314 | 0.926 | ug/l | | 97 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 4646 | 0.906 | ug/l | # | 91 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008061.D
Acq On : 14 Mar 2019 09:39
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 14 14:47:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 14 14:45:01 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 6510 | 0.964 ug/l | | 94 |
| 40) Benzene | 6.14 | 78 | 15984 | 1.004 ug/l | | 95 |
| 41) Methacrylonitrile | 5.05 | 41 | 3361 | 1.027 ug/l | | 99 |
| 42) 1,2-Dichloroethane | 6.19 | 62 | 5146 | 1.011 ug/l | | 96 |
| 43) Isopropyl Acetate | 6.45 | 43 | 8958 | 0.970 ug/l | | 96 |
| 44) Trichloroethene | 7.21 | 130 | 4883 | 1.077 ug/l | | 77 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 4189 | 0.987 ug/l | | 100 |
| 46) Dibromomethane | 7.66 | 93 | 2485 | 0.924 ug/l | | 89 |
| 47) Bromodichloromethane | 7.90 | 83 | 4722 | 0.926 ug/l | | 98 |
| 48) Methyl methacrylate | 7.77 | 41 | 4187 | 0.848 ug/l | | 94 |
| 49) 1,4-Dioxane | 7.75 | 88 | 2091 | 20.407 ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 29699 | 4.905 ug/l | | 98 |
| 52) Toluene | 8.78 | 92 | 10278 | 1.007 ug/l | | 95 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 4801 | 0.827 ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 5256 | 0.813 ug/l | | 96 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 4185 | 1.017 ug/l | | 93 |
| 56) Ethyl methacrylate | 9.18 | 69 | 5544 | 0.877 ug/l | # | 93 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 7169 | 1.056 ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 19477 | 5.280 ug/l | | 99 |
| 59) 2-Hexanone | 9.49 | 43 | 22959 | 4.929 ug/l | | 97 |
| 60) Dibromochloromethane | 9.58 | 129 | 4012 | 0.908 ug/l | | 95 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 4169 | 0.936 ug/l | | 96 |
| 64) Tetrachloroethene | 9.34 | 164 | 5086 | 1.085 ug/l | | 97 |
| 65) Chlorobenzene | 10.14 | 112 | 12048 | 1.044 ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 3770 | 0.883 ug/l | # | 62 |
| 67) Ethyl Benzene | 10.25 | 91 | 18359 | 0.939 ug/l | | 98 |
| 68) m/p-Xylenes | 10.36 | 106 | 13531 | 1.796 ug/l | | 98 |
| 69) o-Xylene | 10.69 | 106 | 6814 | 0.931 ug/l | | 96 |
| 70) Styrene | 10.71 | 104 | 10350 | 0.854 ug/l | | 97 |
| 71) Bromoform | 10.85 | 173 | 2822 | 0.784 ug/l | # | 95 |
| 73) Isopropylbenzene | 11.02 | 105 | 17519 | 0.948 ug/l | | 98 |
| 74) N-amyl acetate | 10.90 | 43 | 7132 | 0.922 ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 6273 | 1.089 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 7022 | 1.442 ug/l | | 96 |
| 77) Bromobenzene | 11.26 | 156 | 5044 | 1.021 ug/l | | 97 |
| 78) n-propylbenzene | 11.36 | 91 | 18136 | 0.878 ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 12305 | 1.008 ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 13766 | 0.897 ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 1470 | 0.801 ug/l | # | 82 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 13806 | 0.992 ug/l | | 99 |
| 83) tert-Butylbenzene | 11.77 | 119 | 14512 | 0.965 ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 14411 | 0.913 ug/l | | 98 |
| 85) sec-Butylbenzene | 11.94 | 105 | 16299 | 0.886 ug/l | | 98 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 14640 | 0.878 ug/l | | 92 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 8946 | 1.022 ug/l | | 97 |
| 88) 1,4-Dichlorobenzene | 12.02 | 146 | 8946 | 1.025 ug/l | | 98 |
| 89) n-Butylbenzene | 12.39 | 91 | 12137 | 0.872 ug/l | | 99 |
| 90) Hexachloroethane | 12.60 | 117 | 2366 | 0.883 ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 9031 | 1.053 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 1017 | 0.799 ug/l | | 94 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008061.D
Acq On : 14 Mar 2019 09:39
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 14 14:47:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 14 14:45:01 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 5899 | 0.957 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 3352 | 0.997 | ug/l | 93 |
| 95) Naphthalene | 13.83 | 128 | 15006 | 0.823 | ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 5652 | 0.920 | ug/l | 97 |

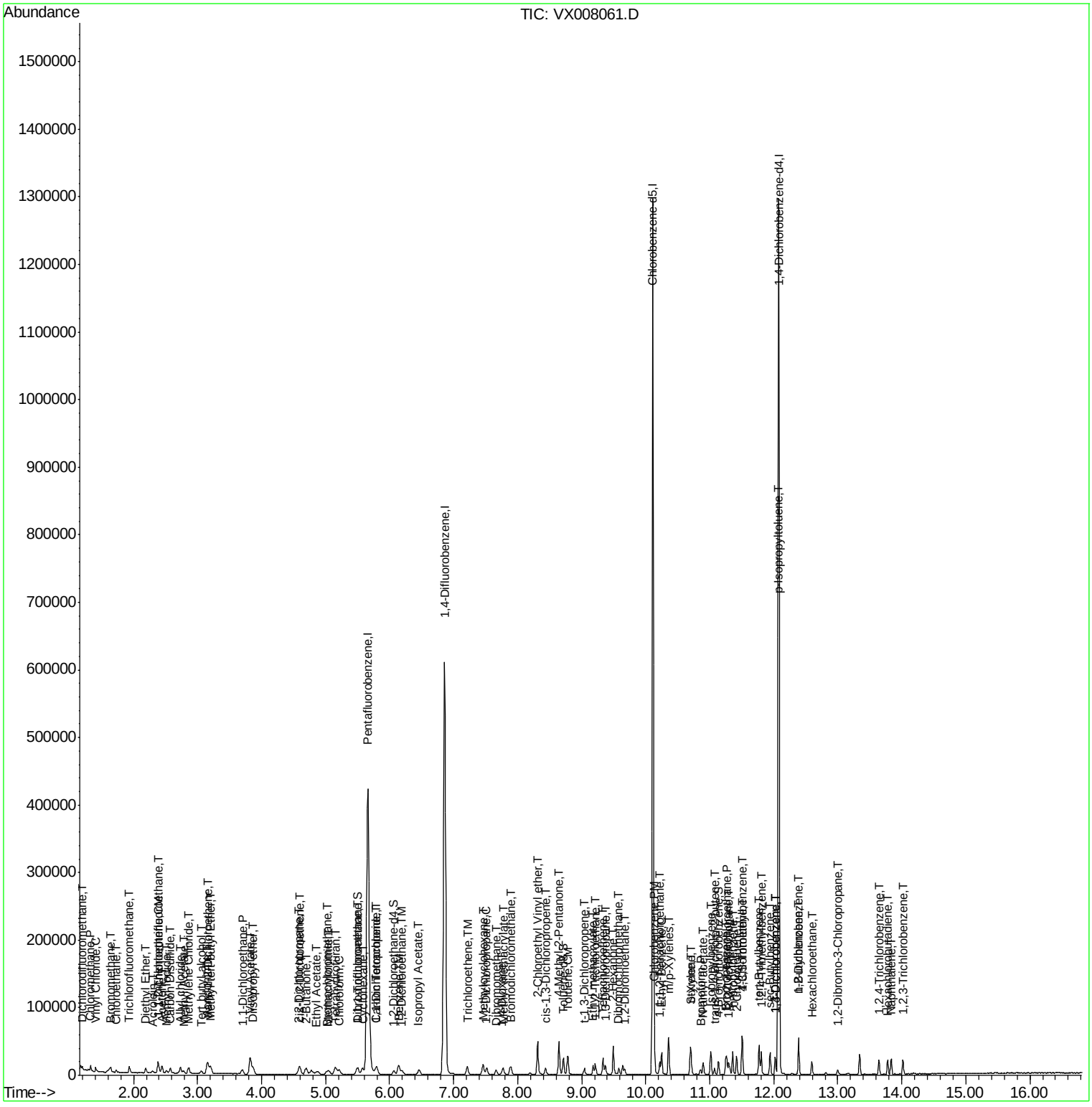
(#) = qualifier out of range (m) = manual integration (+) = signals summed

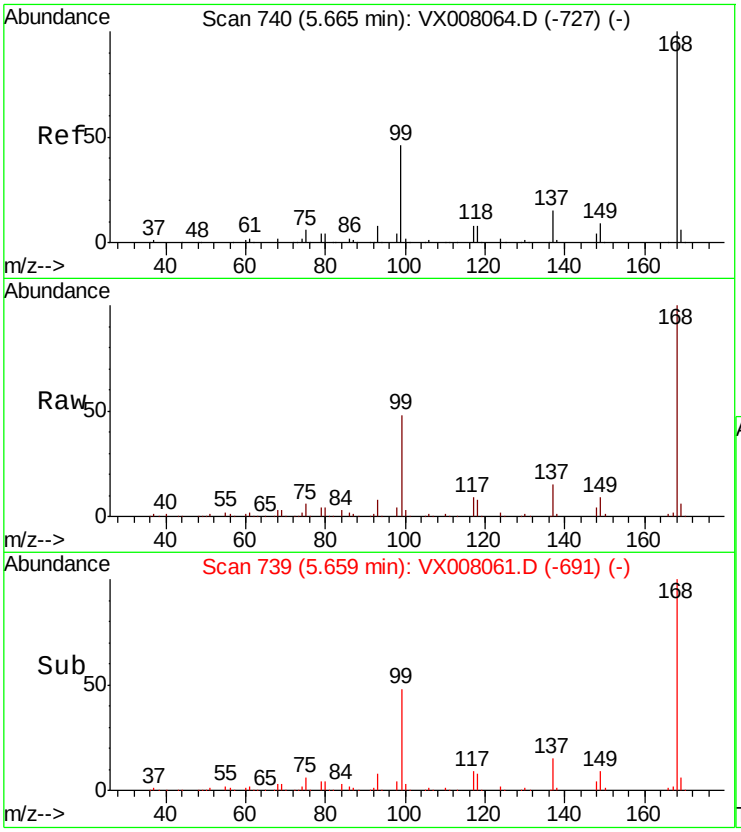
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008061.D
Acq On : 14 Mar 2019 09:39
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 14 14:47:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 14 14:45:01 2019
Response via : Initial Calibration



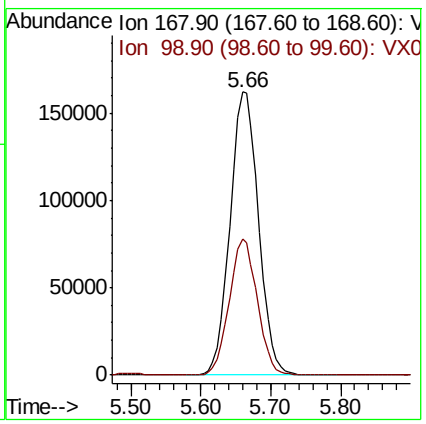


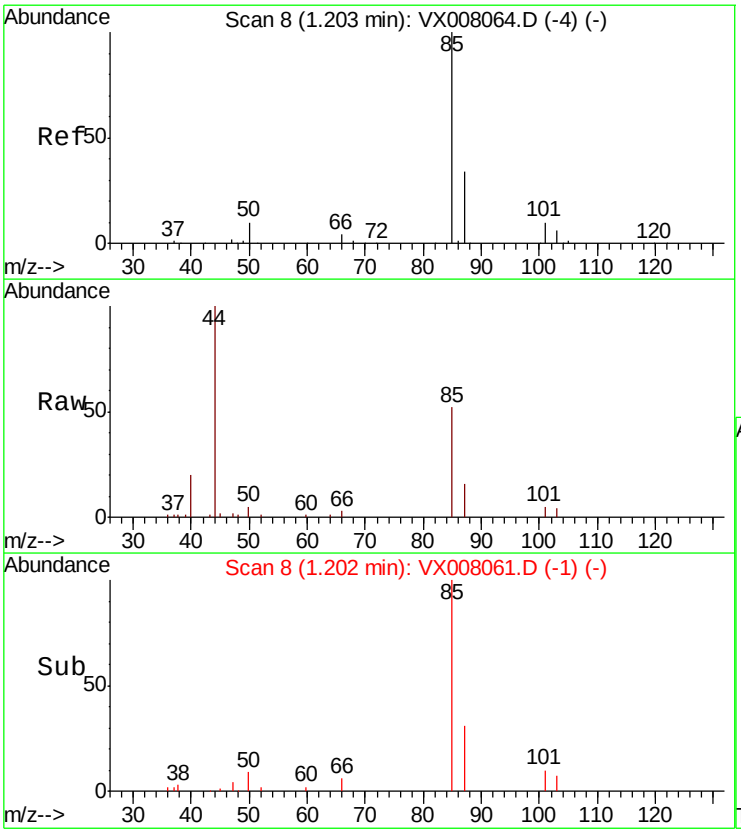

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:168 Resp: 458529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.0 | 37.6 | 56.4 |

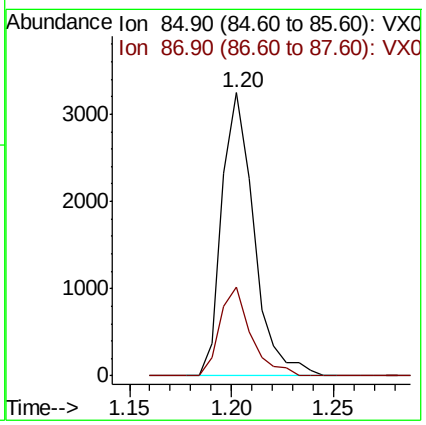


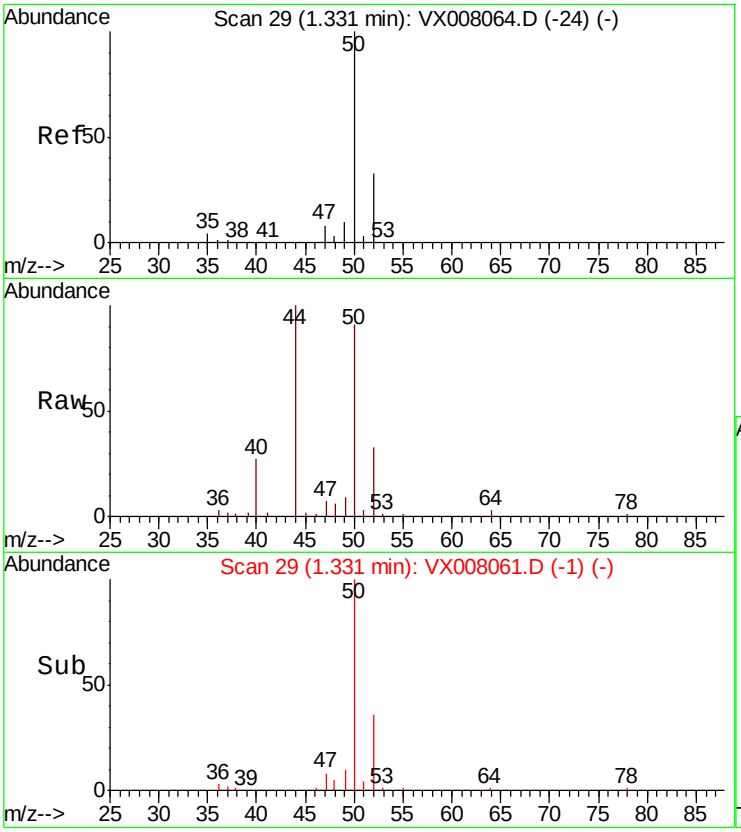




#2
Dichlorodifluoromethane
Concen: 0.960 ug/l
RT: 1.20 min Scan# 8
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 85 Resp: 3544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.4 | 16.4 | 49.1 |



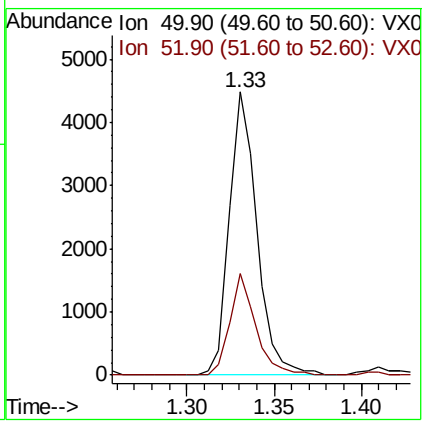


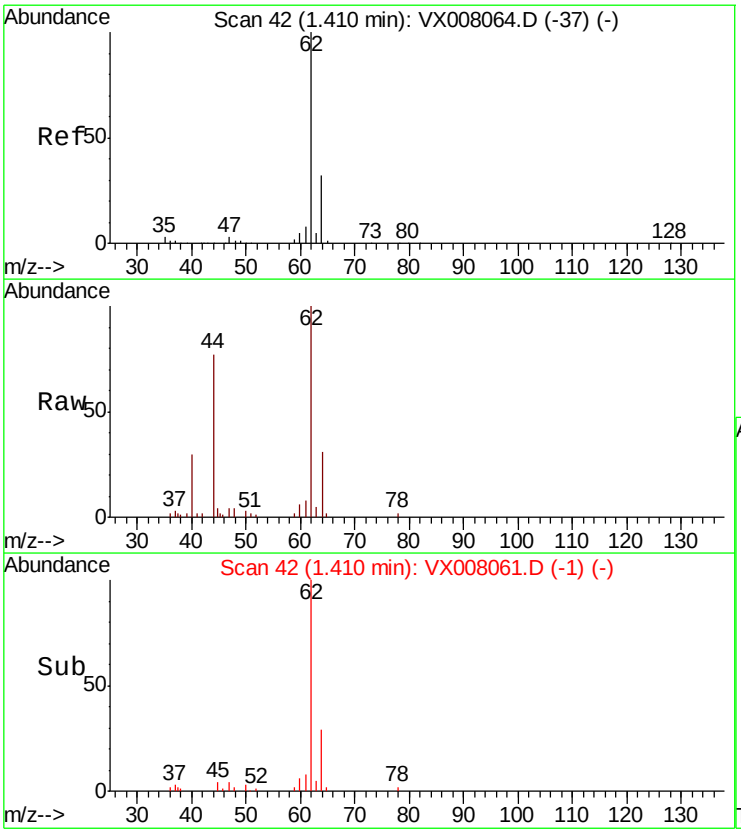

#3
Chloromethane
Concen: 1.236 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 50 Resp: 4949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.9 | 26.5 | 39.7 |

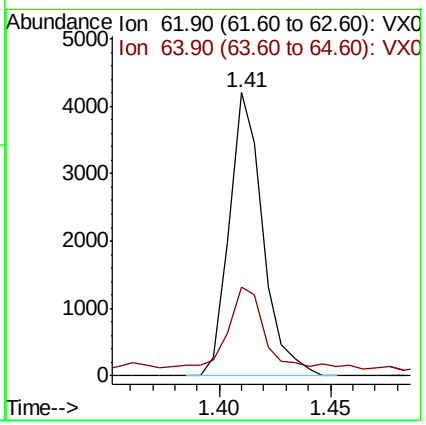


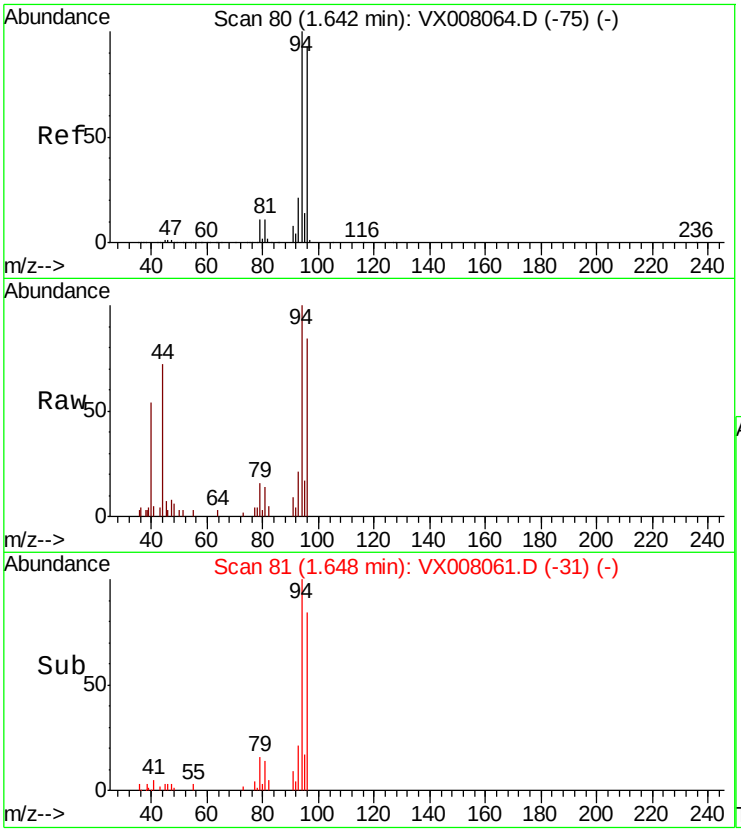




#4
Vinyl Chloride
Concen: 1.153 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 62 Resp: 4408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 28.0 | 25.3 | 37.9 |



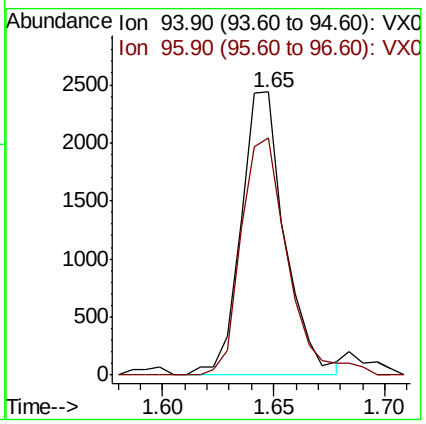


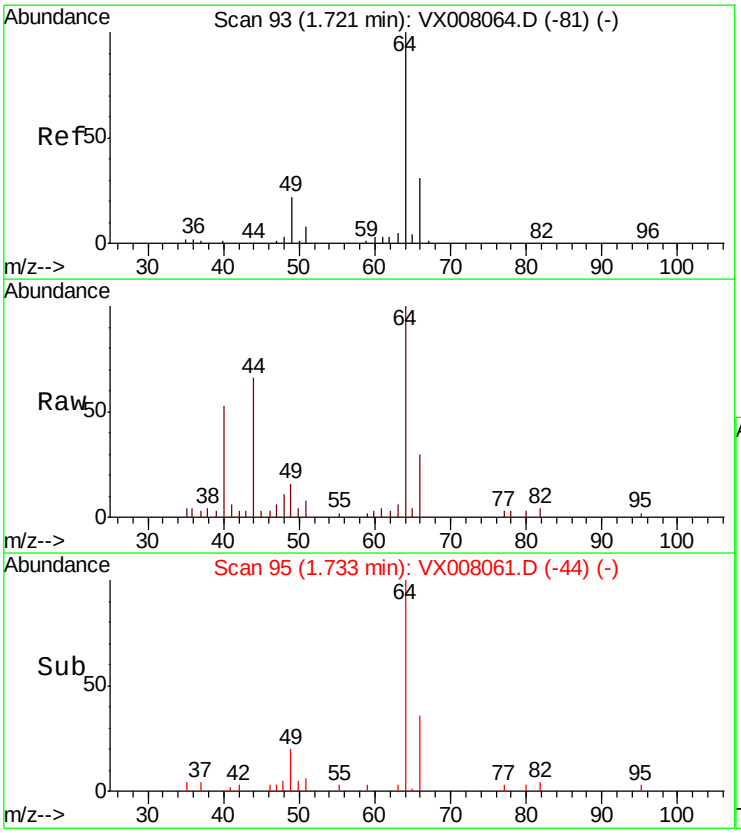

#5
Bromomethane
Concen: 1.729 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 94 Resp: 3357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 83.8 | 75.5 | 113.3 |

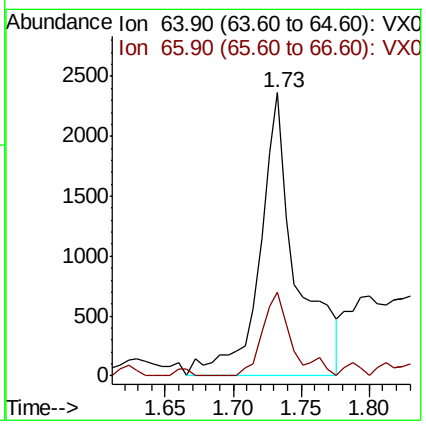


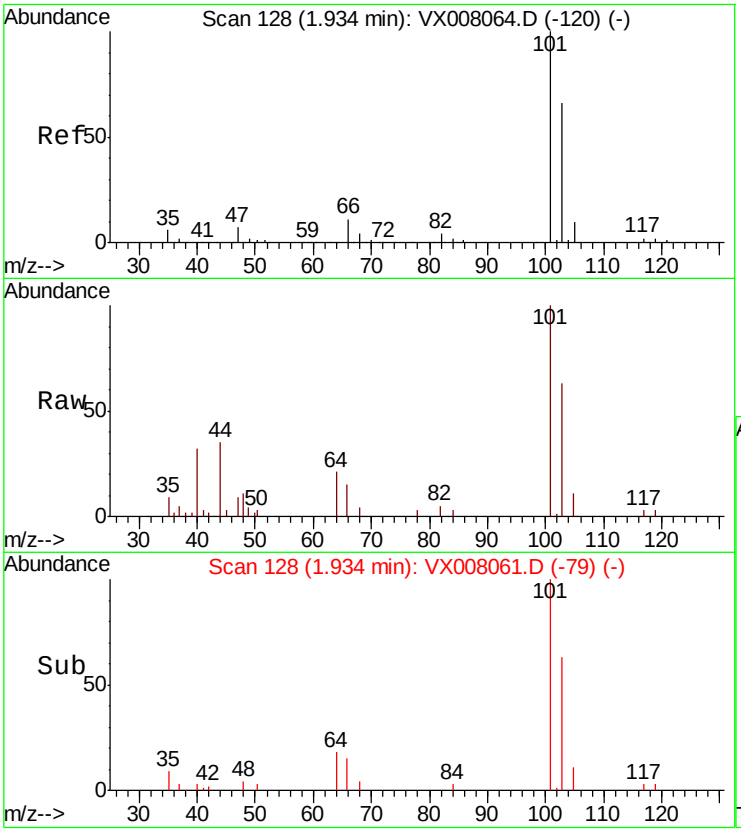




#6
Chloroethane
Concen: 1.980 ug/l
RT: 1.73 min Scan# 95
Delta R.T. 0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 64 Resp: 4444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.8 | 25.2 | 37.8 |



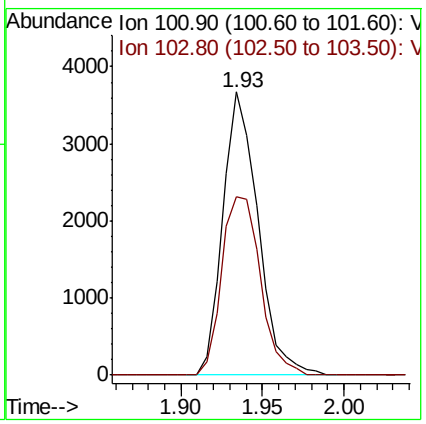


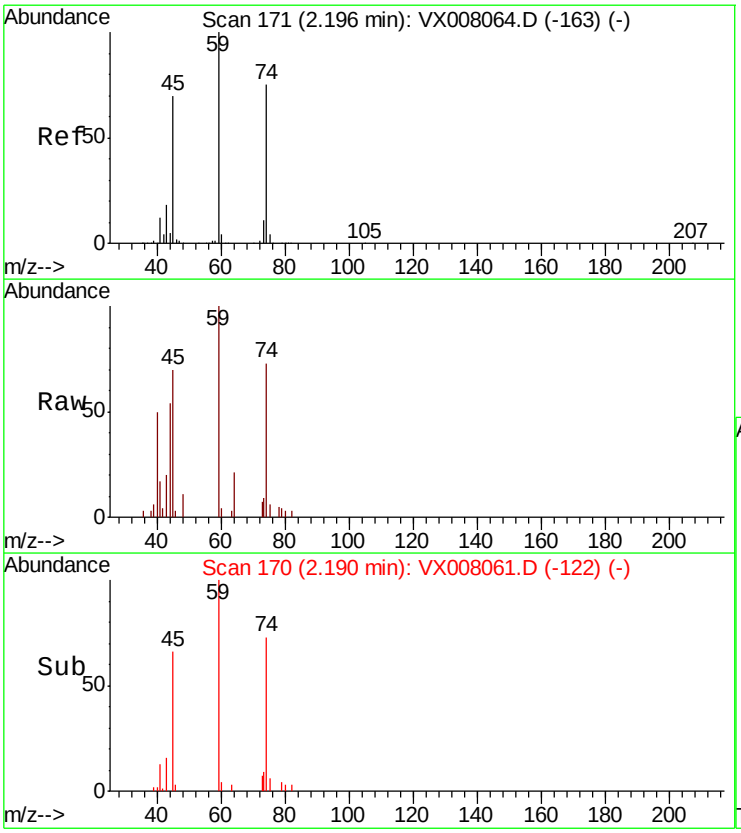

#7
Trichlorofluoromethane
Concen: 1.217 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:101 Resp: 5514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.2 | 50.4 | 75.6 |

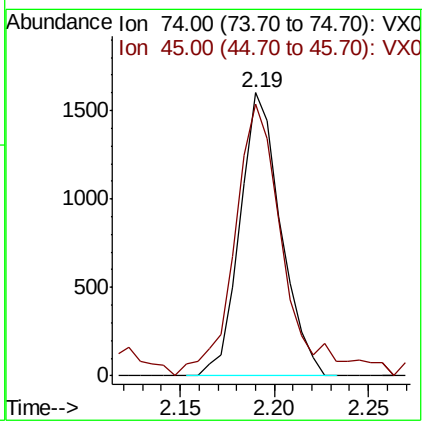


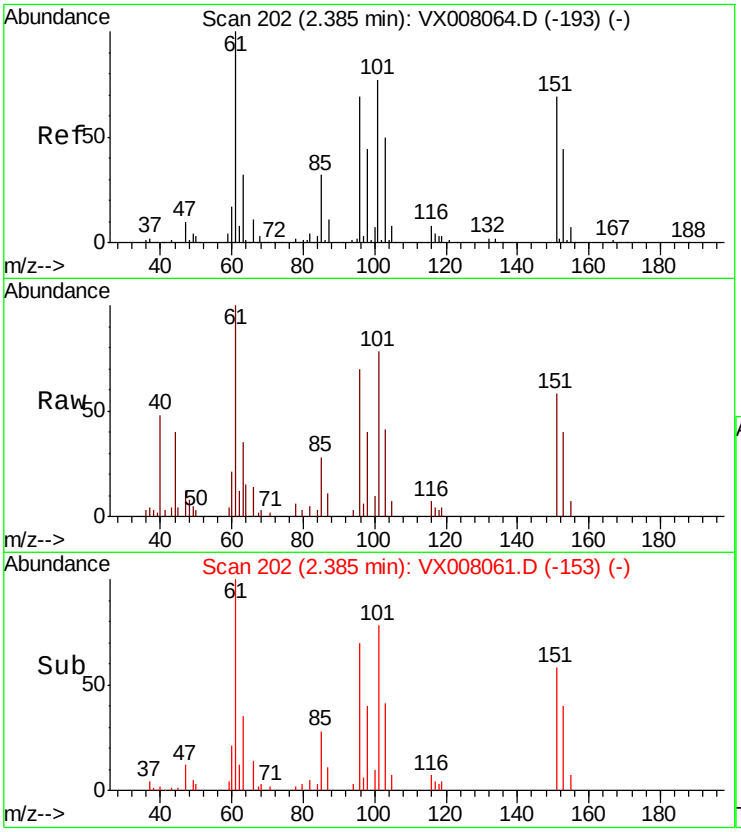




#8
Diethyl Ether
Concen: 0.989 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 74 Resp: 2413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 115.1 | 52.1 | 156.4 |



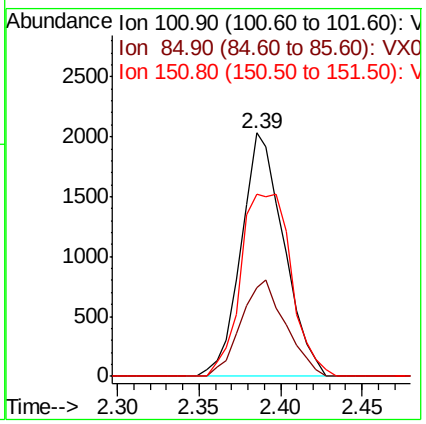


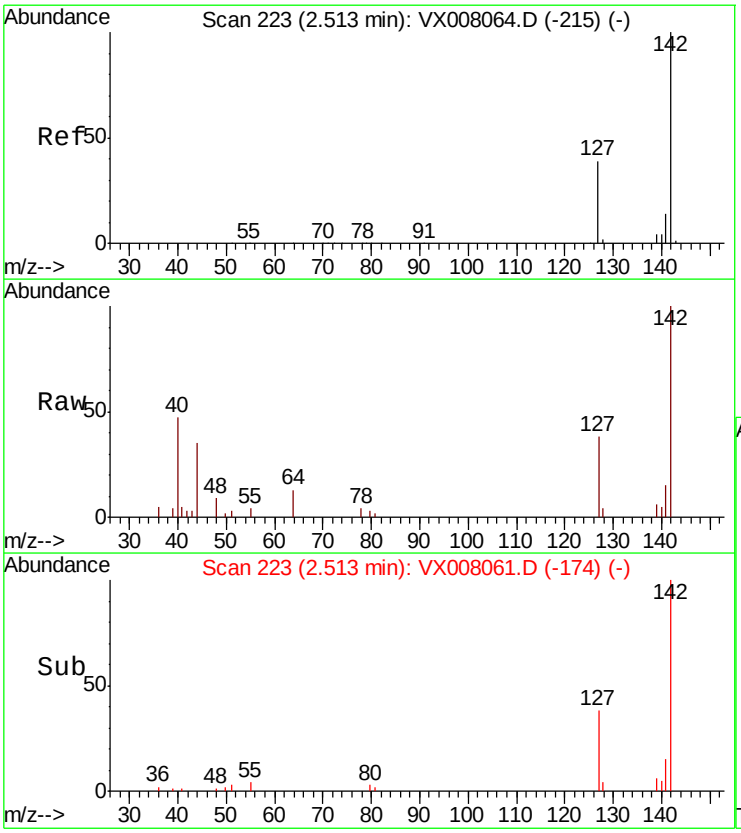

#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.030 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:101 Resp: 3705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.3 | 33.8 | 50.6 |
| 151 | 88.5 | 69.1 | 103.7 |

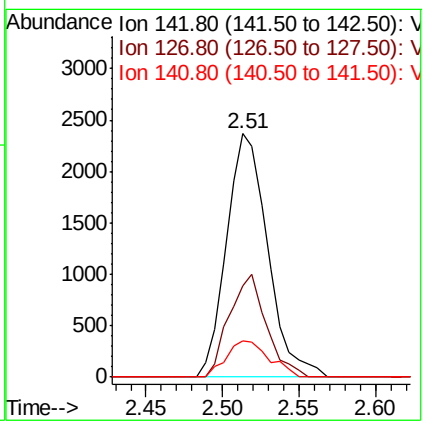


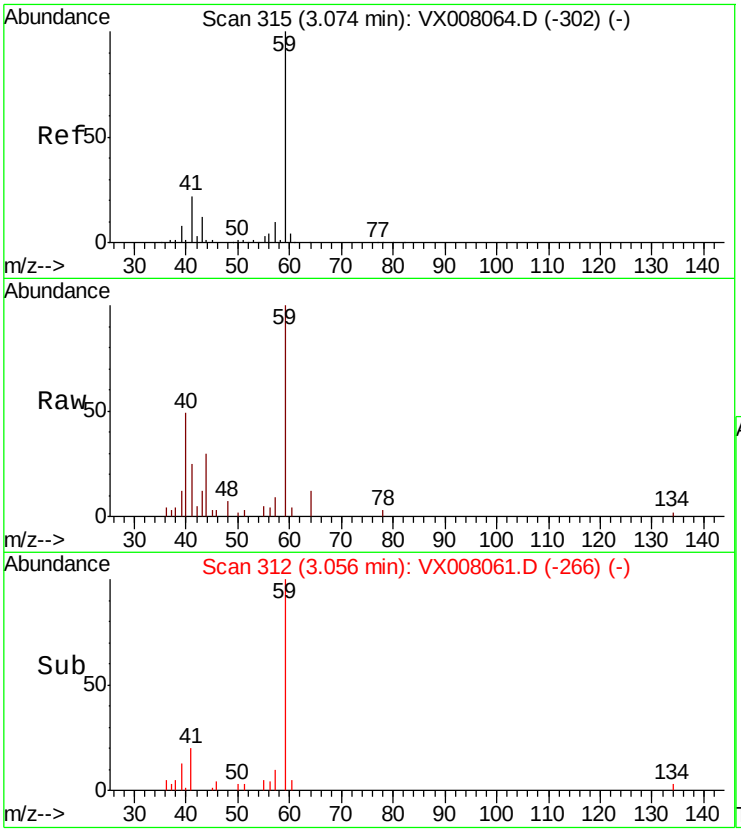




#10
Methyl Iodide
Concen: 0.775 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:142 Resp: 4408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 37.9 | 32.1 | 48.1 |
| 141 | 15.4 | 11.4 | 17.2 |



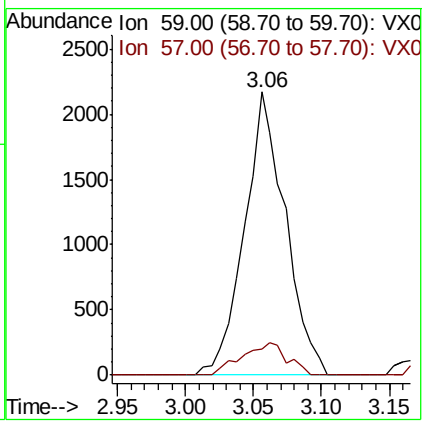


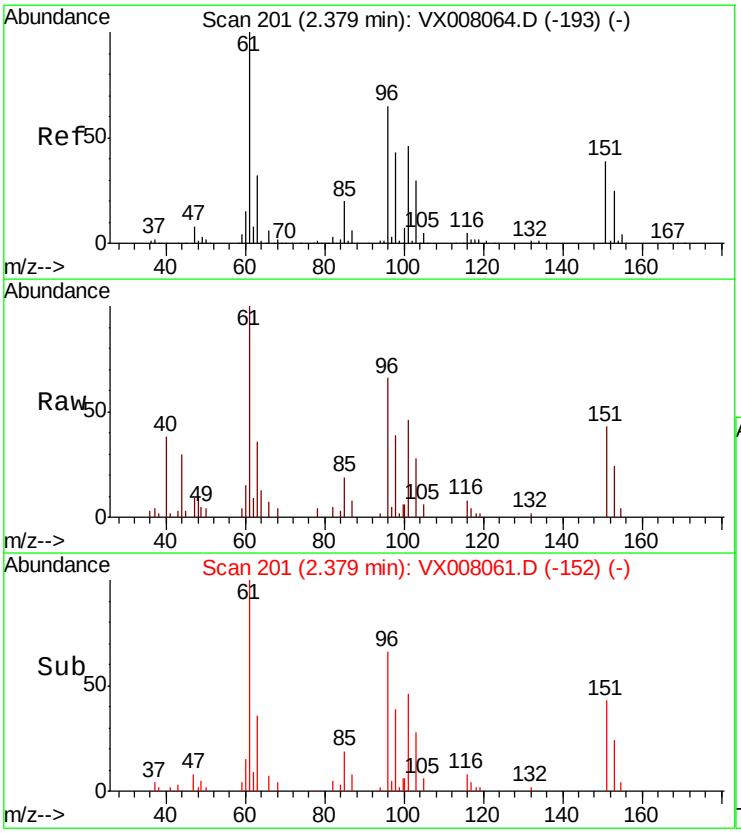

#11
Tert butyl alcohol
Concen: 5.119 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 59 Resp: 4560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 12.7 | 8.2 | 12.2# |

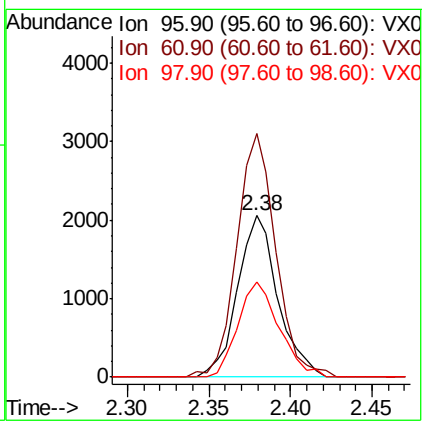


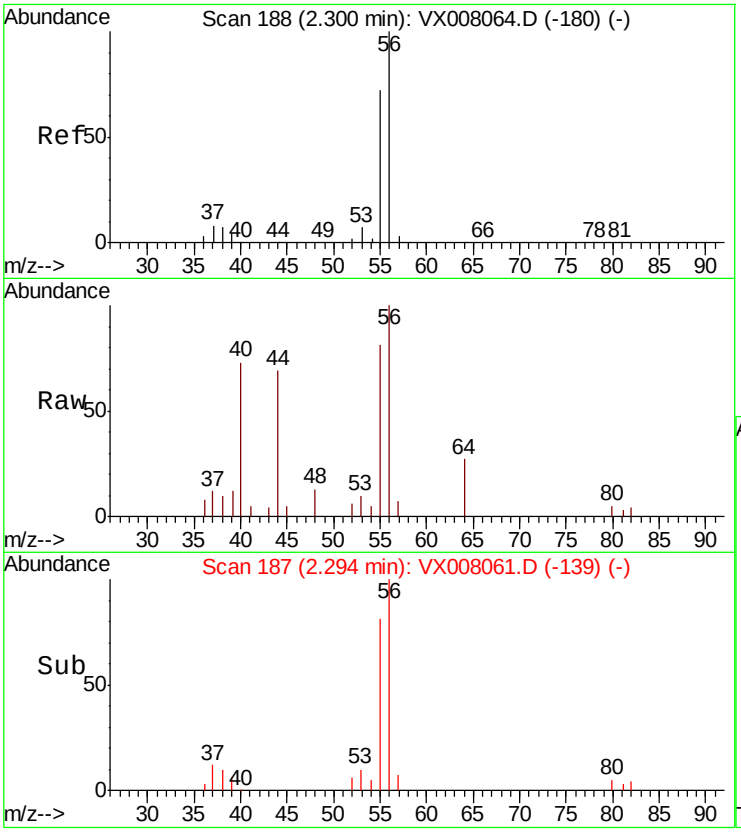




#12
1,1-Dichloroethene
Concen: 1.021 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 96 Resp: 3533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 151.1 | 129.8 | 194.6 |
| 98 | 58.8 | 51.0 | 76.6 |



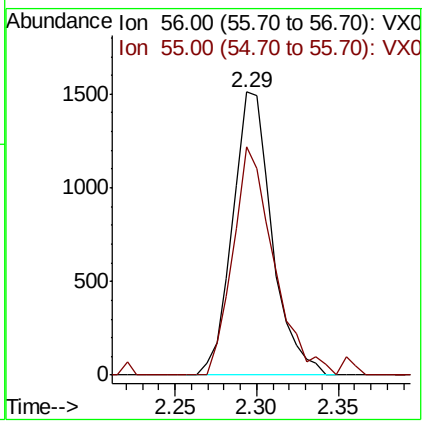


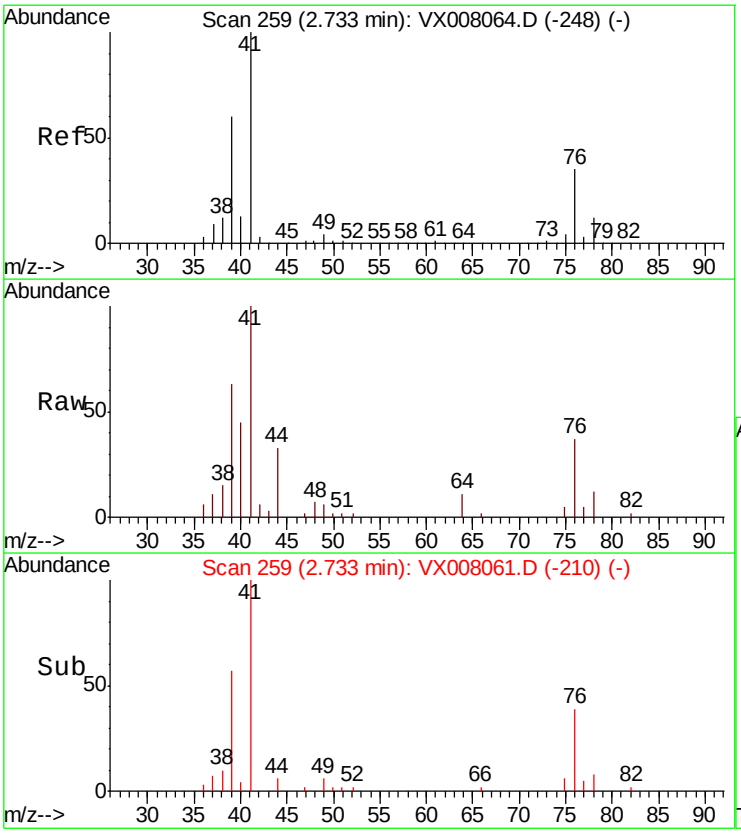

#13
Acrolein
Concen: 3.094 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 56 Resp: 2547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 83.6 | 57.8 | 86.6 |

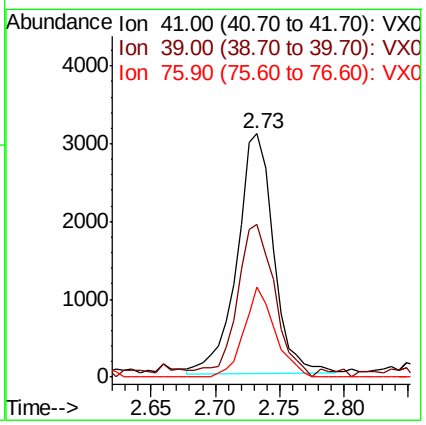


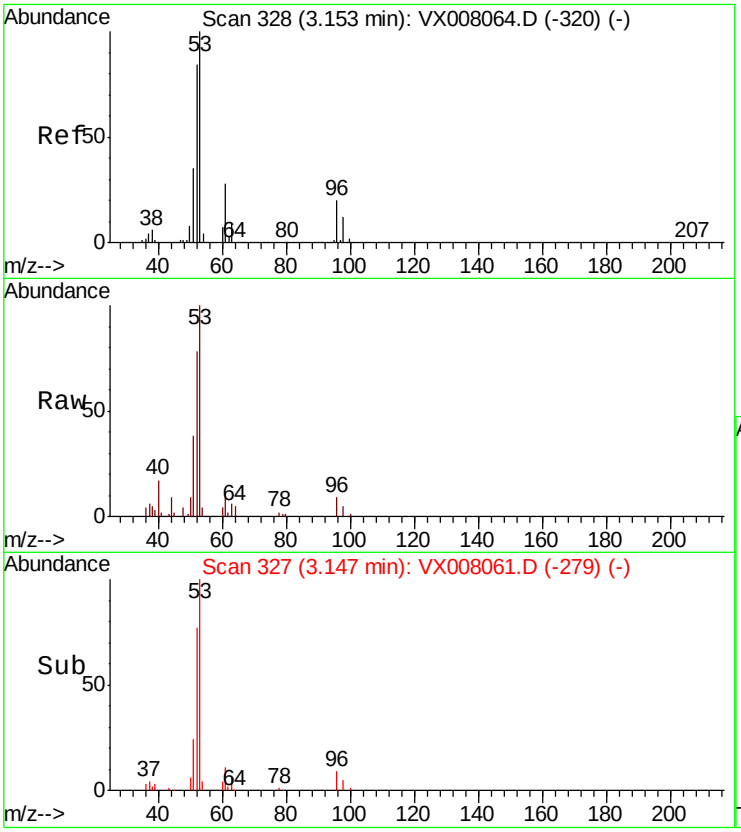




#14
Allyl chloride
Concen: 0.951 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 41 Resp: 6034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 65.5 | 46.1 | 69.1 |
| 76 | 31.8 | 24.0 | 36.0 |



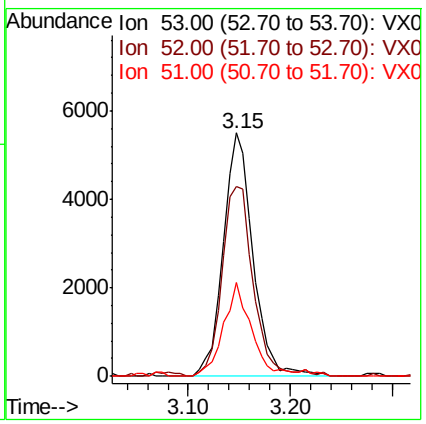


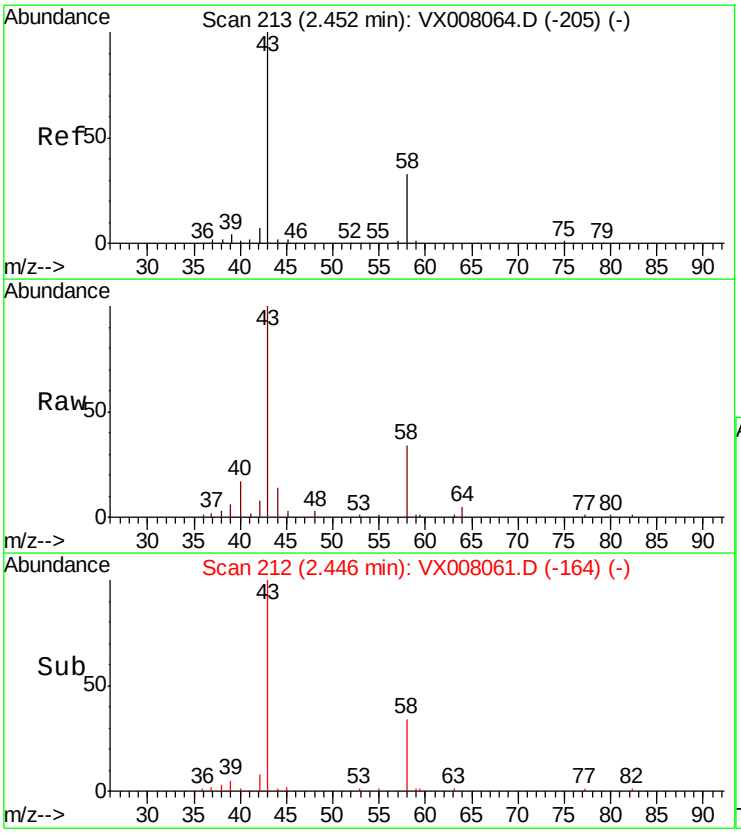

#15
Acrylonitrile
Concen: 5.116 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 53 Resp: 11073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.7 | 66.0 | 99.0 |
| 51 | 35.9 | 28.0 | 42.0 |

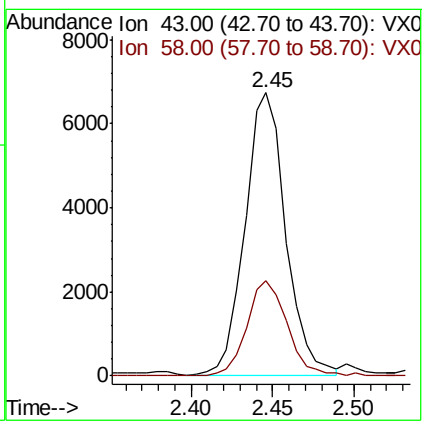


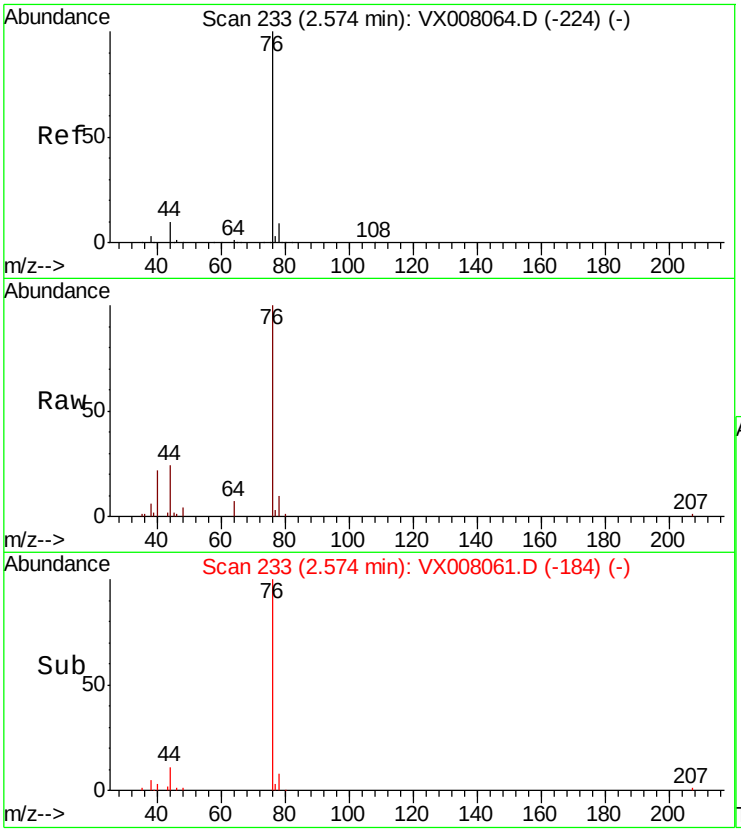




#16
Acetone
Concen: 5.587 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 43 Resp: 11733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.5 | 25.5 | 38.3 |



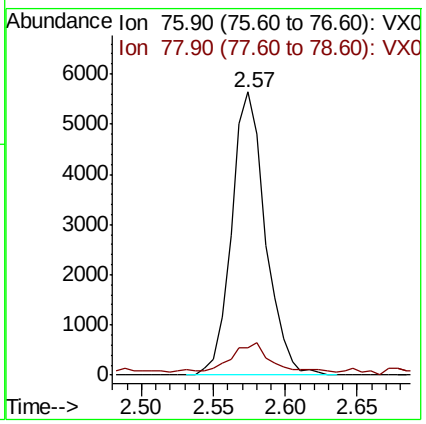


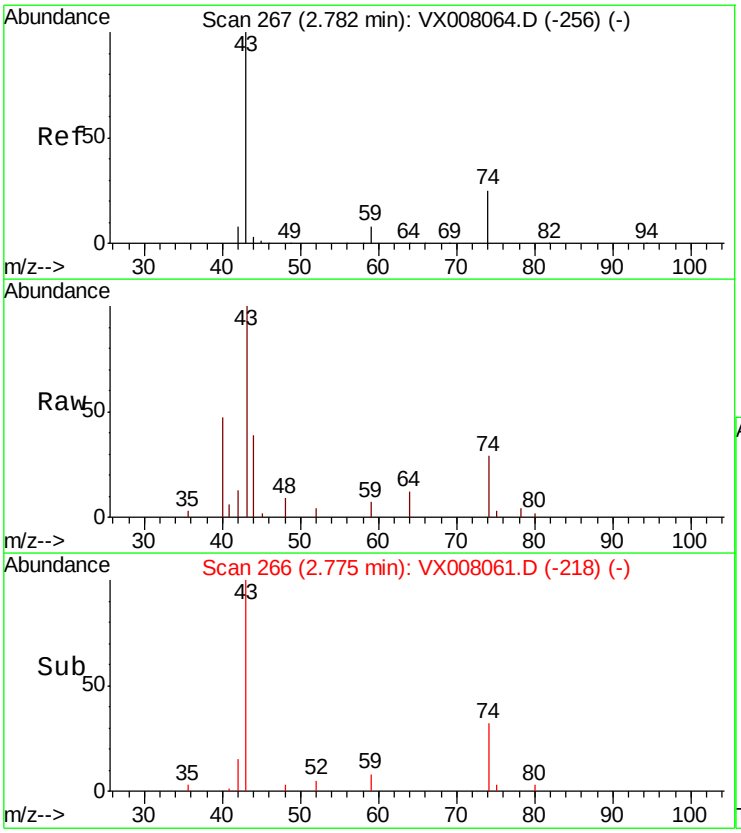

#17
Carbon Disulfide
Concen: 0.894 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 76 Resp: 9226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.4 | 7.2 | 10.8 |

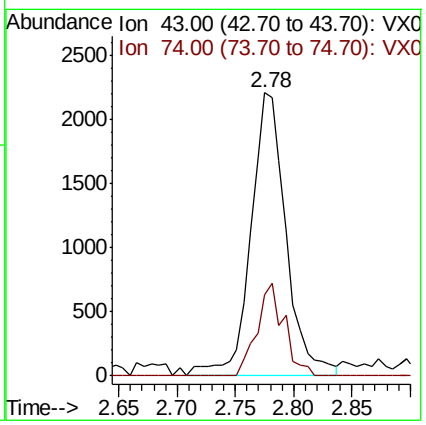


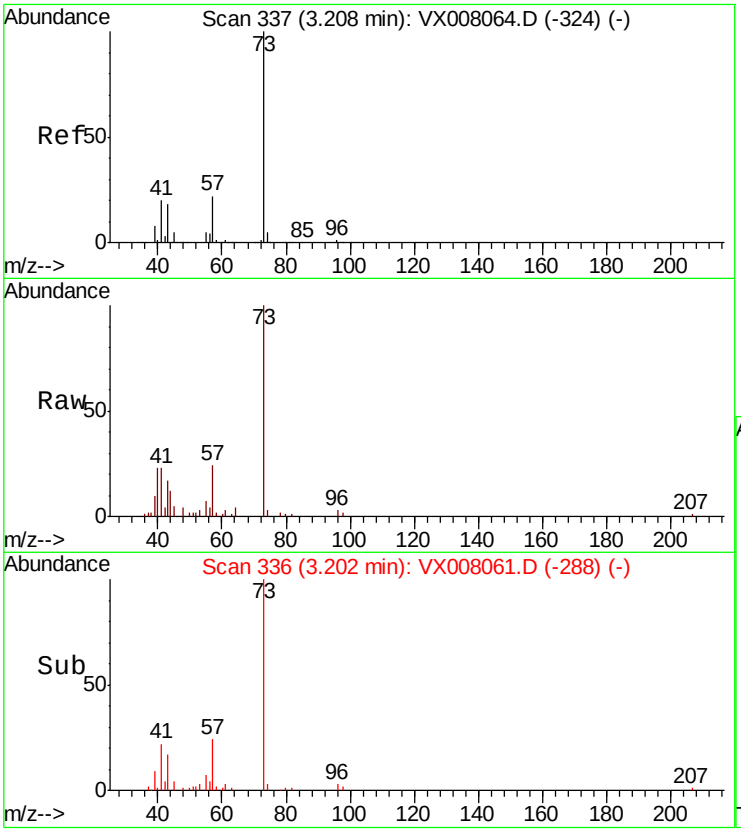




#18
Methyl Acetate
Concen: 0.983 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 43 Resp: 4674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.3 | 17.8 | 26.6 |



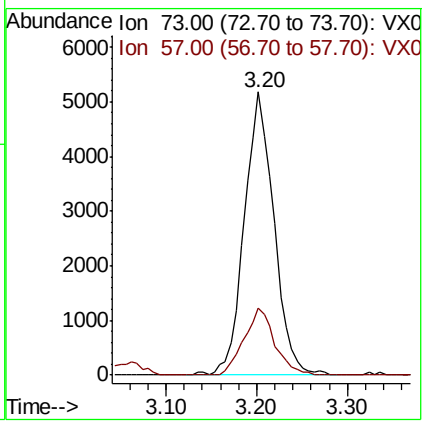


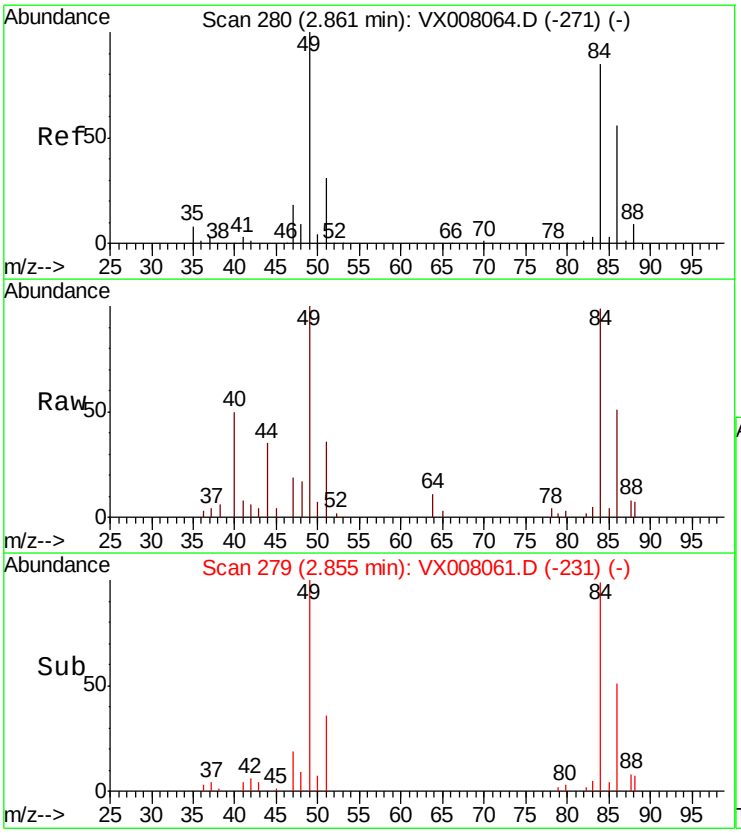

#19
Methyl tert-butyl Ether
Concen: 1.011 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 73 Resp: 11722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.6 | 18.2 | 27.4 |

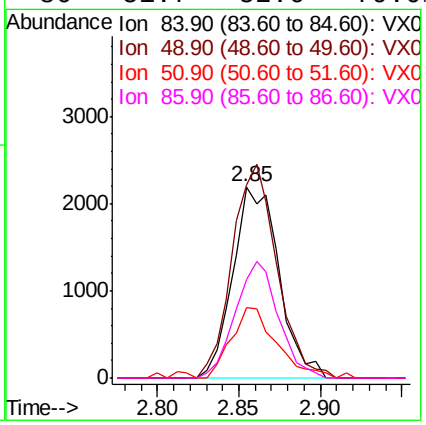


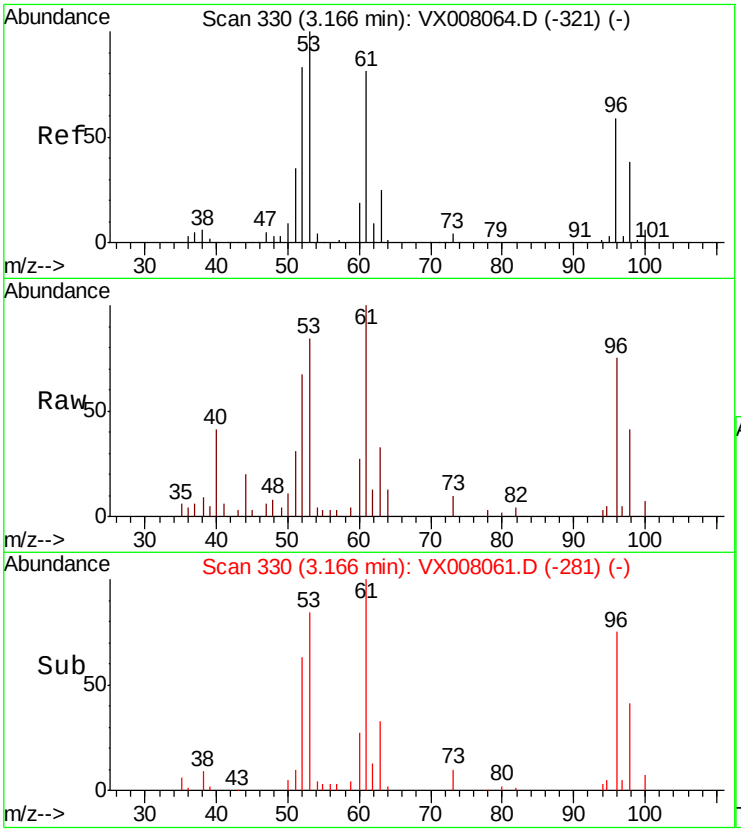




#20
Methylene Chloride
Concen: 1.134 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 84 Resp: 4307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 101.1 | 99.3 | 148.9 |
| 51 | 36.6 | 31.3 | 46.9 |
| 86 | 51.7 | 52.6 | 79.0# |



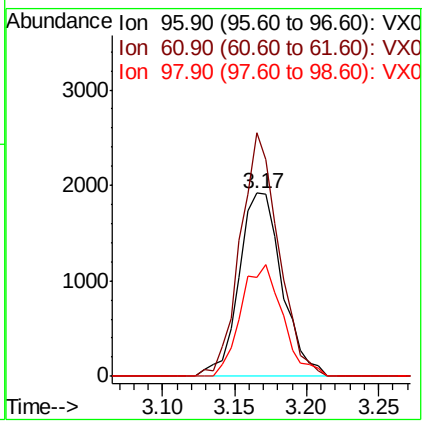


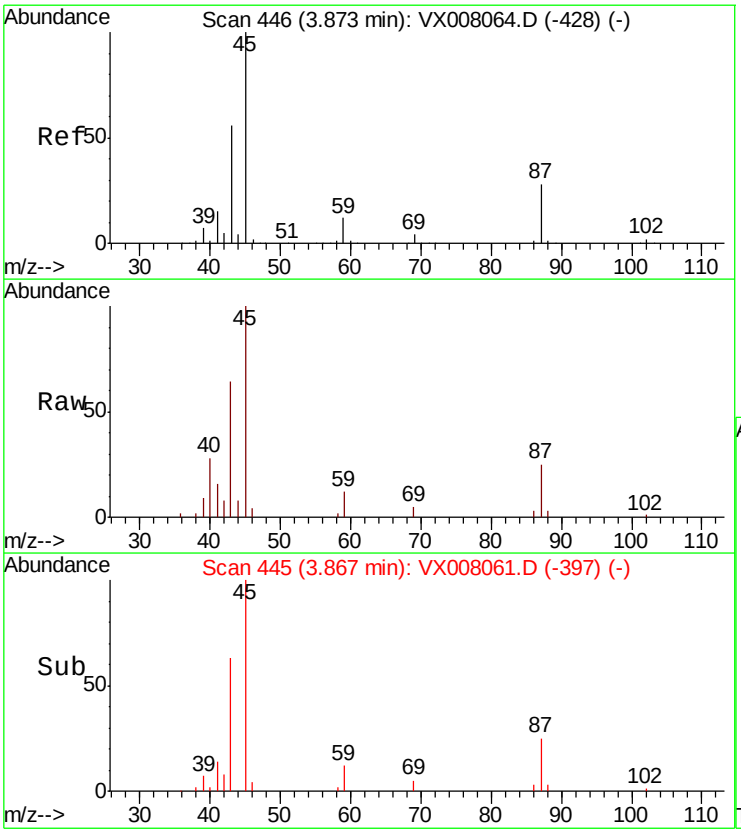

#21
trans-1,2-Dichloroethene
Concen: 1.072 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 96 Resp: 3960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 132.8 | 114.4 | 171.6 |
| 98 | 54.2 | 51.1 | 76.7 |

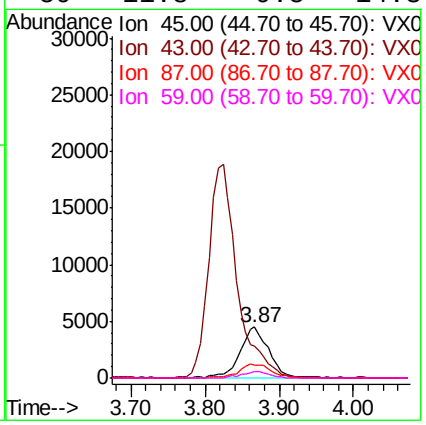


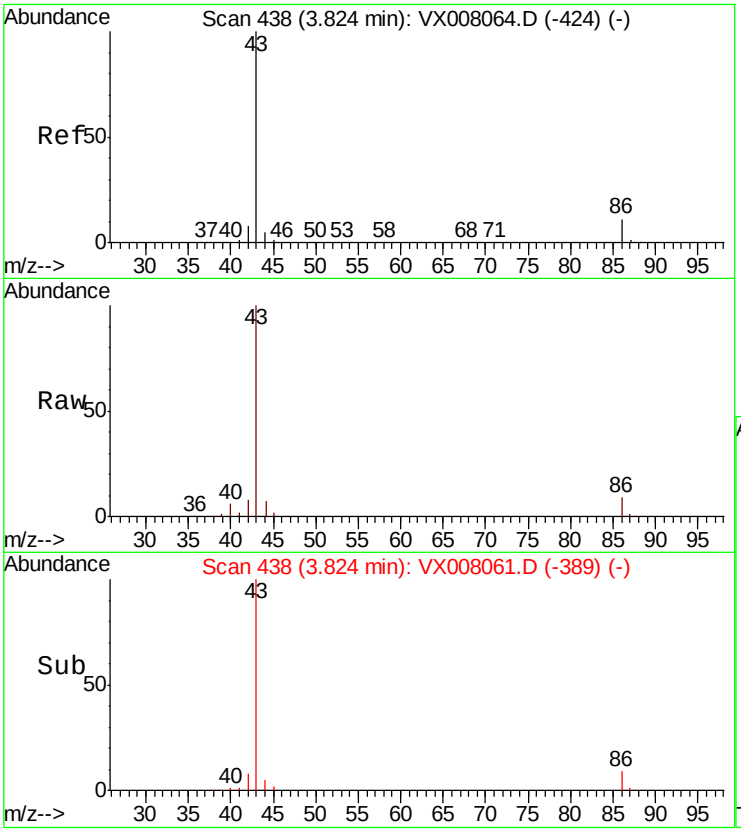




#22
Diisopropyl ether
Concen: 0.961 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 45 Resp: 12211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 63.5 | 45.3 | 67.9 |
| 87 | 24.9 | 21.4 | 32.0 |
| 59 | 11.8 | 9.5 | 14.3 |



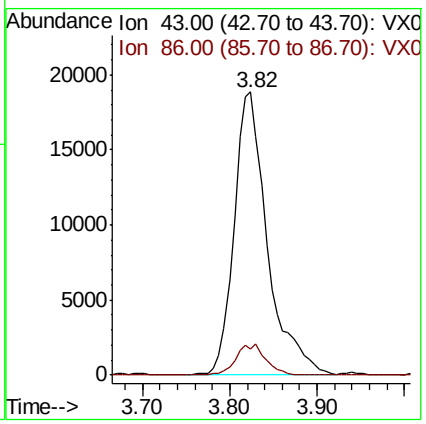


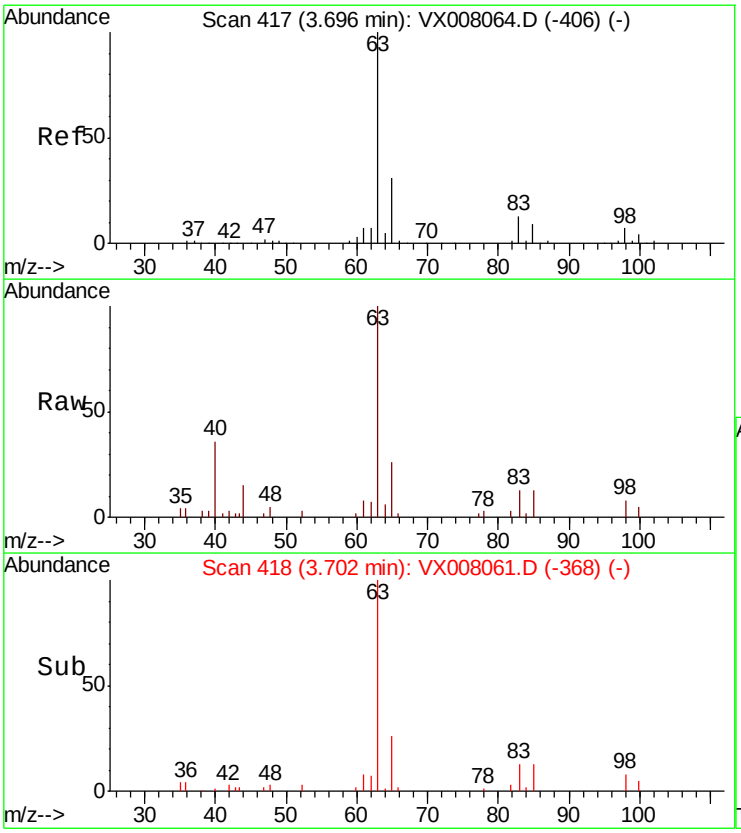

#23
Vinyl Acetate
Concen: 4.487 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 43 Resp: 49815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.2 | 7.9 | 11.9 |

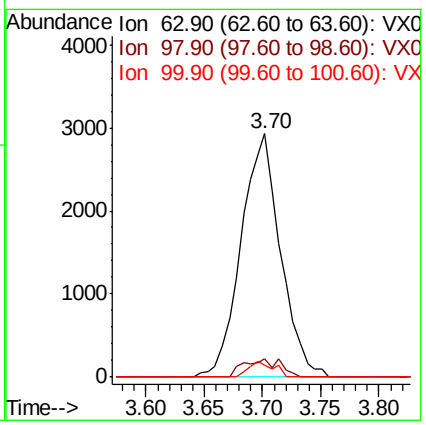


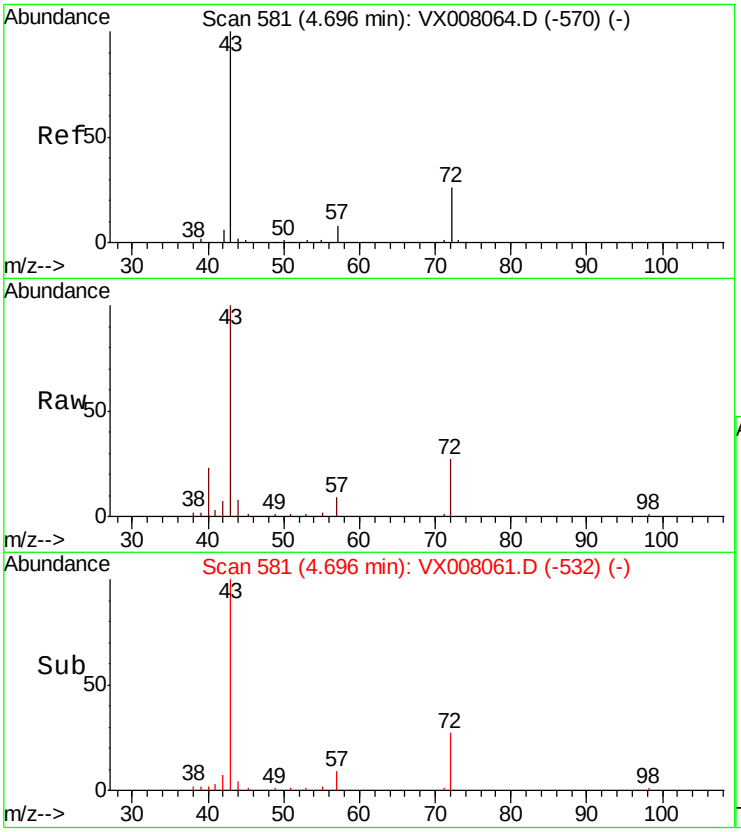




#24
1,1-Dichloroethane
Concen: 0.990 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 63 Resp: 6911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.7 | 3.3 | 9.8 |
| 100 | 4.8 | 2.3 | 6.8 |



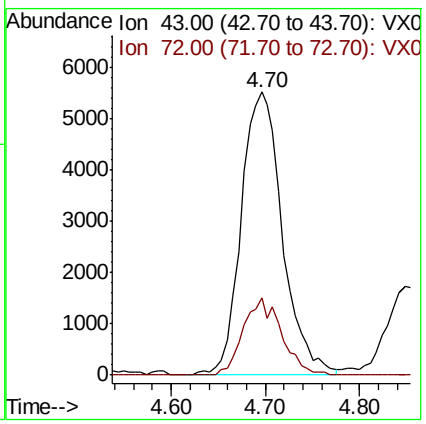


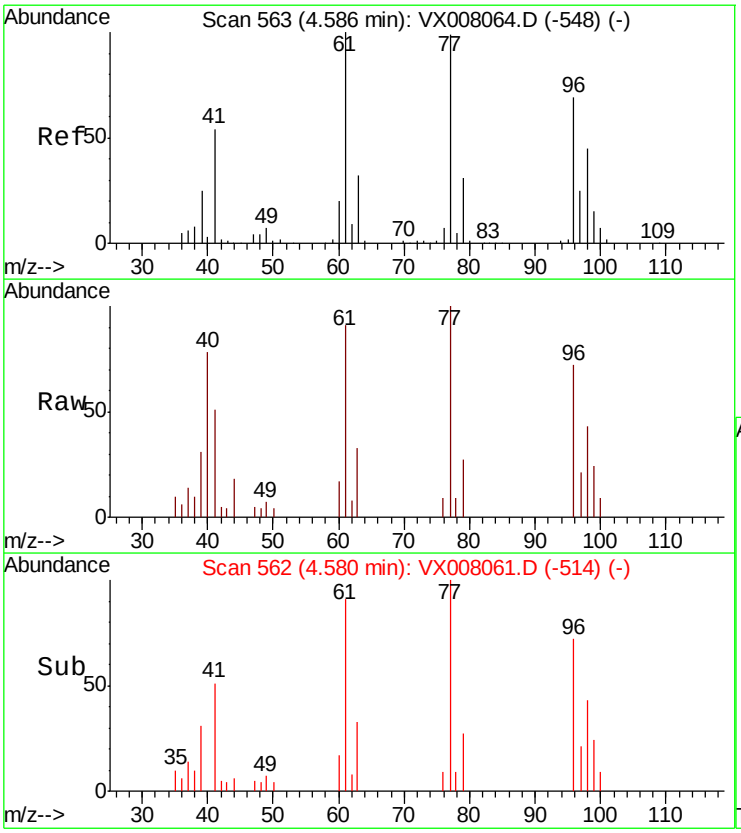

#25
2-Butanone
Concen: 5.048 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 43 Resp: 16866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.4 | 19.9 | 29.9 |

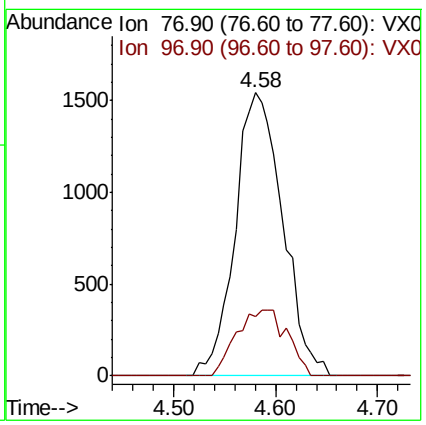


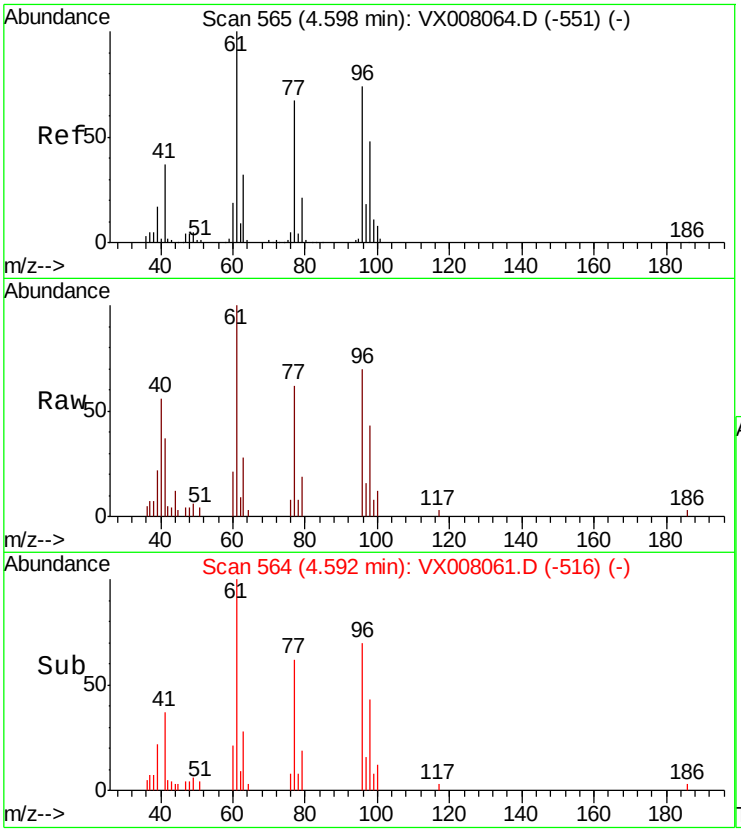




#26
2,2-Dichloropropane
Concen: 0.955 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 77 Resp: 4984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.8 | 12.2 | 36.6 |



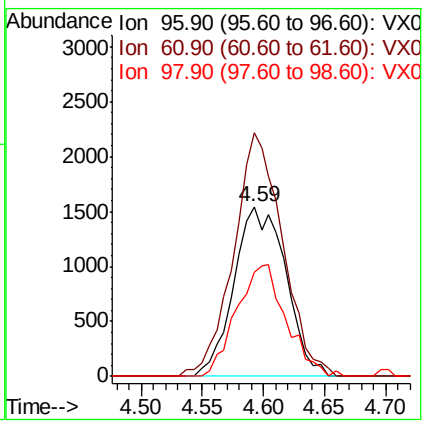


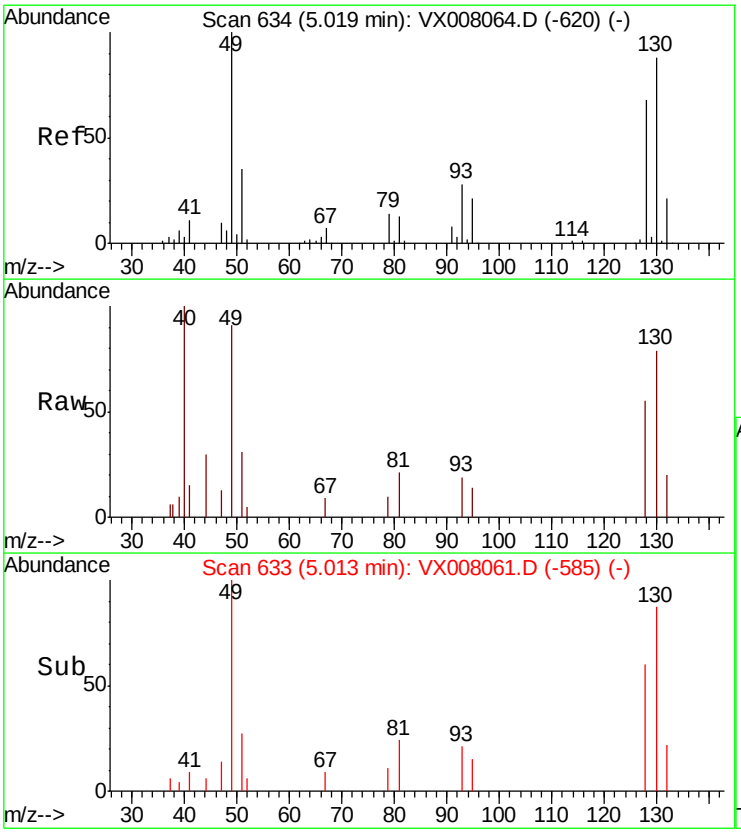

#27
cis-1,2-Dichloroethene
Concen: 1.047 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 96 Resp: 4538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 135.4 | 0.0 | 288.0 |
| 98 | 63.1 | 0.0 | 129.0 |

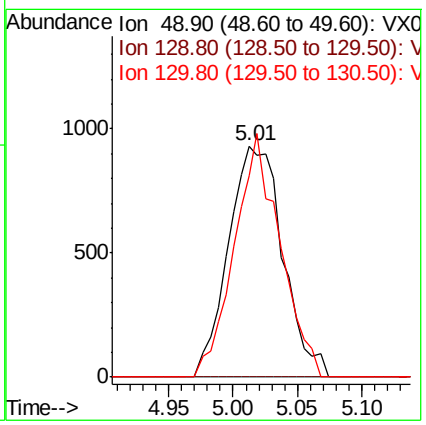


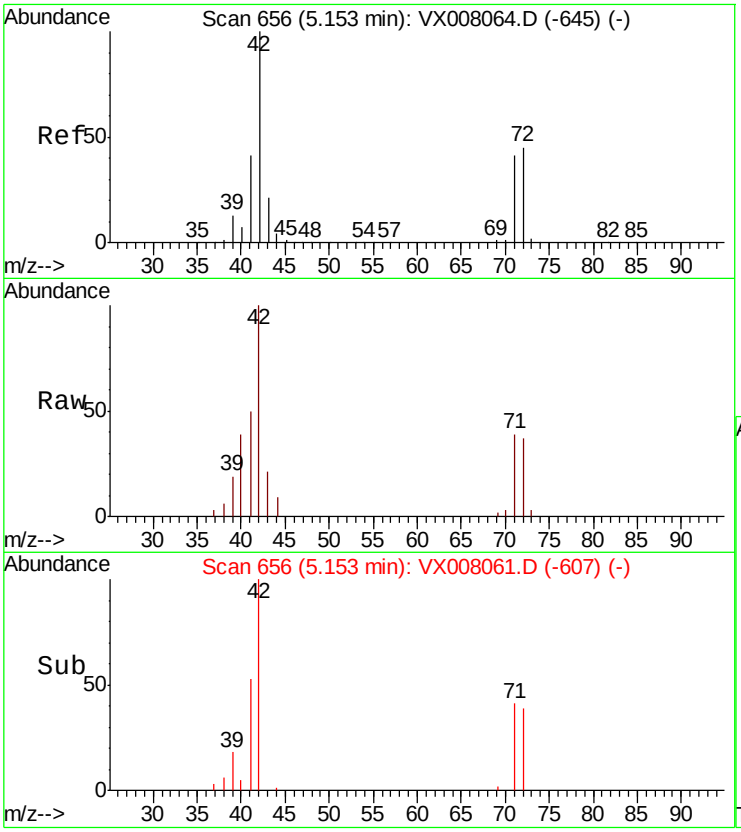




#28
Bromochloromethane
Concen: 0.811 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 49 Resp: 2725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.0 |
| 130 | 88.4 | 65.0 | 97.4 |



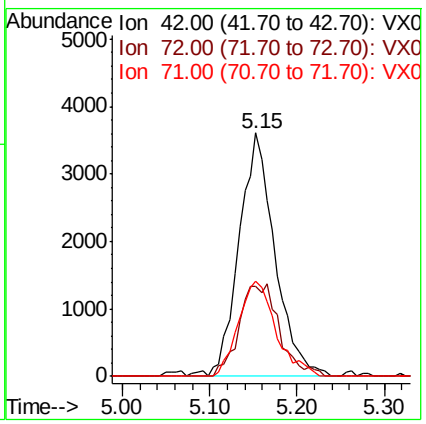


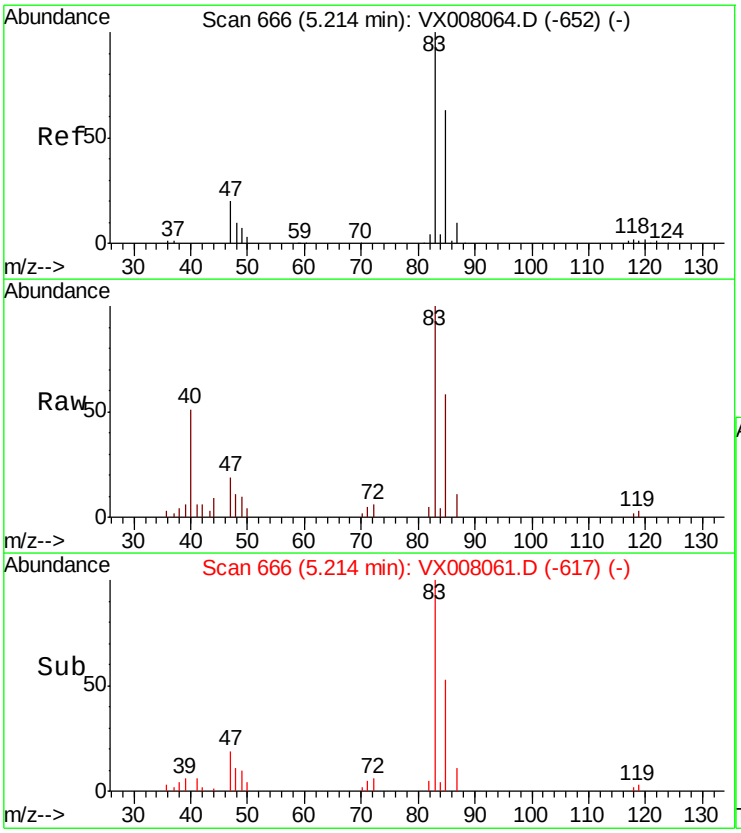

#29
Tetrahydrofuran
Concen: 4.852 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 42 Resp: 10291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 42.5 | 33.8 | 50.6 |
| 71 | 40.8 | 31.5 | 47.3 |

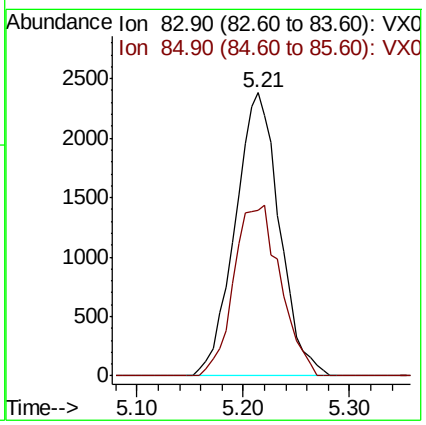


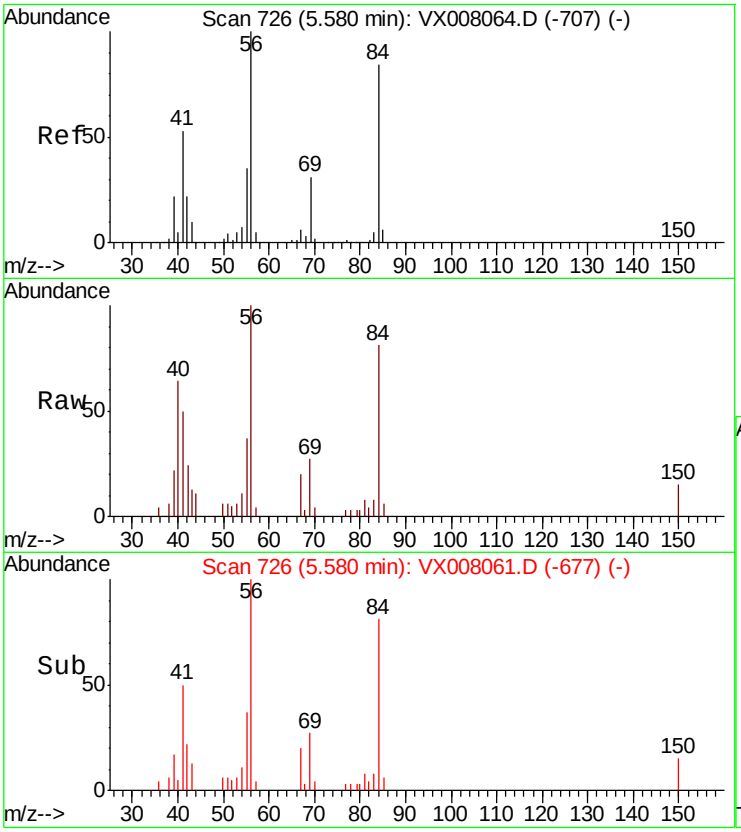




#30
Chloroform
Concen: 1.019 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 83 Resp: 6955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 58.4 | 51.8 | 77.6 |



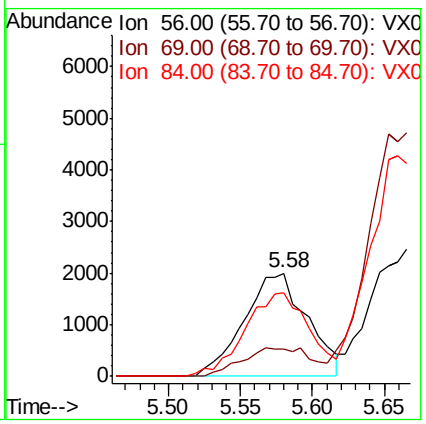


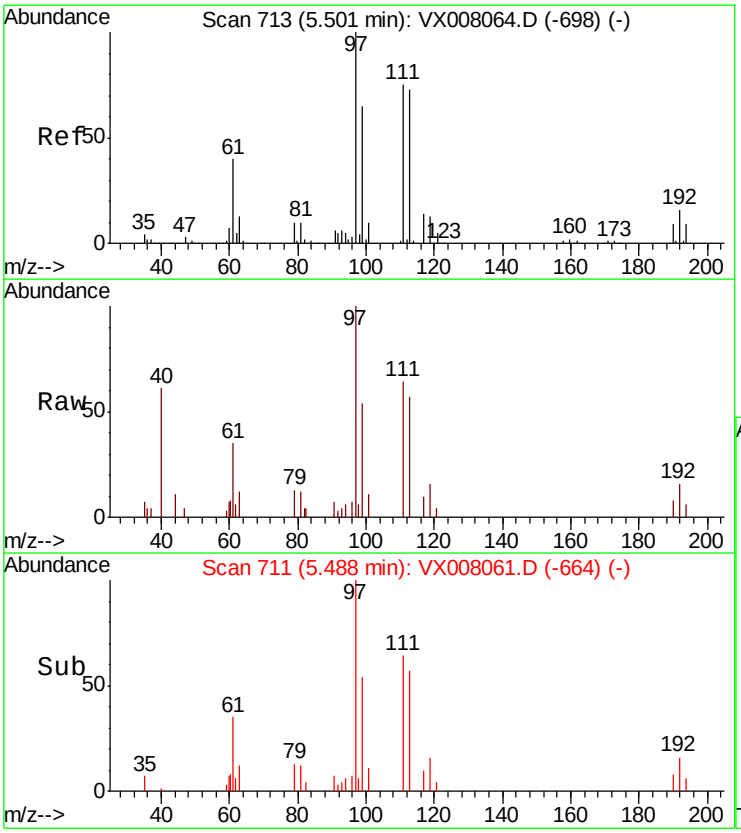

#31
Cyclohexane
Concen: 0.915 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 56 Resp: 6068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 27.1 | 24.0 | 36.0 |
| 84 | 81.3 | 65.3 | 97.9 |

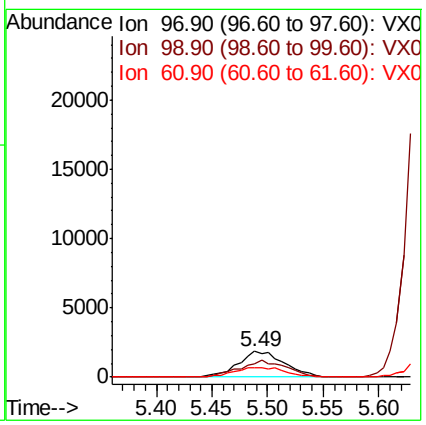


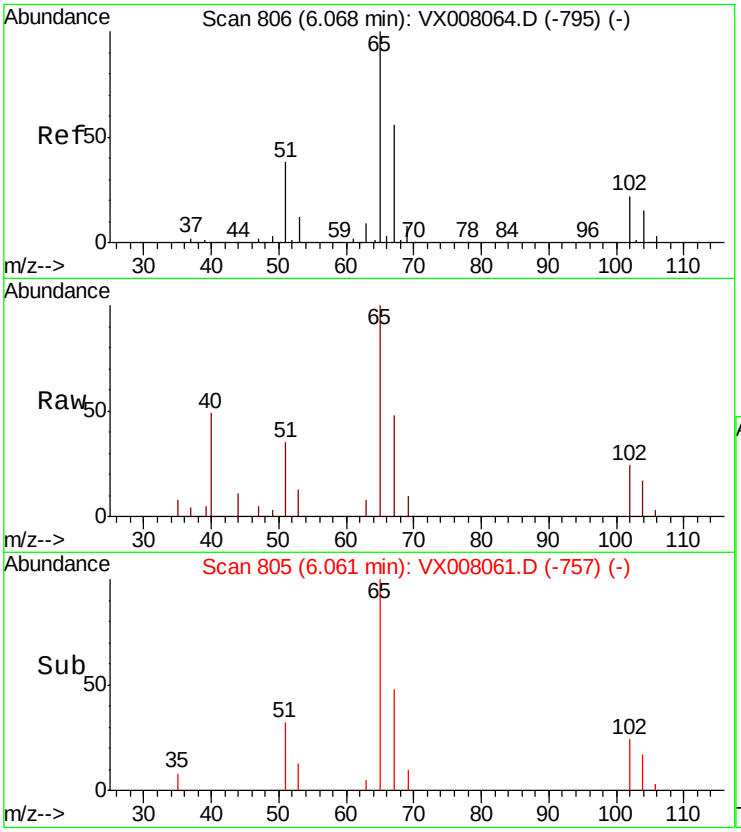




#32
1,1,1-Trichloroethane
Concen: 0.909 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 97 Resp: 5427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 0.0 | 52.2 | 78.2# |
| 61 | 40.4 | 34.9 | 52.3 |



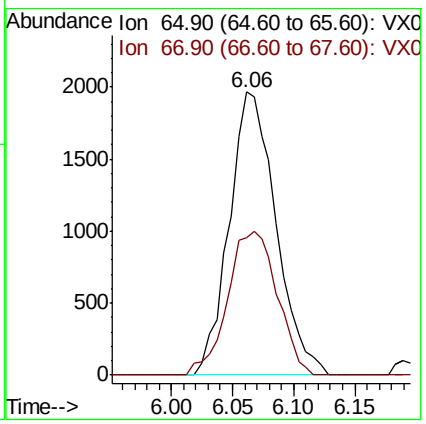


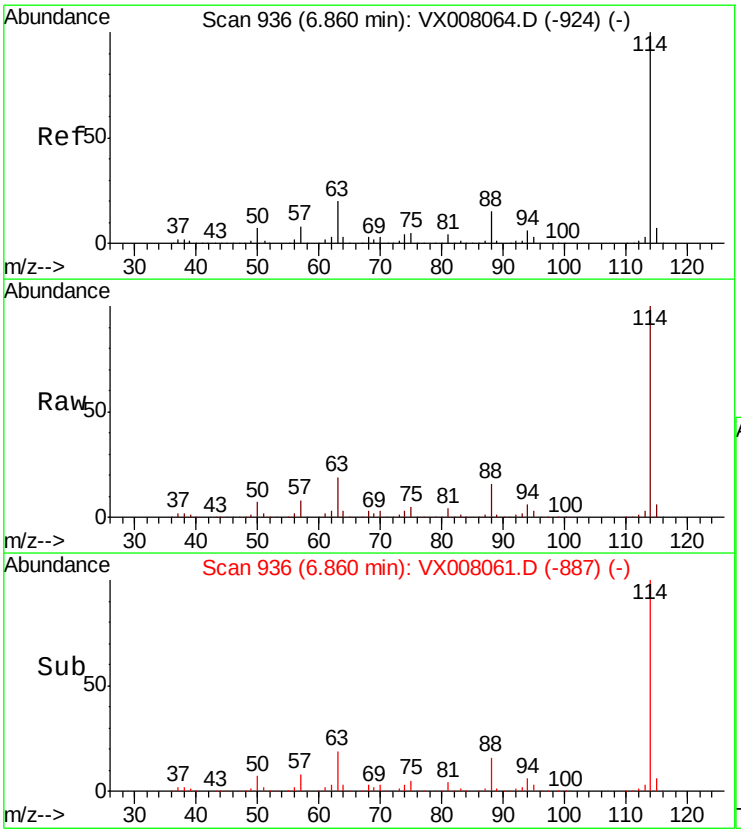

#33
1,2-Dichloroethane-d4
Concen: 1.173 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 65 Resp: 5210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.8 | 0.0 | 110.0 |

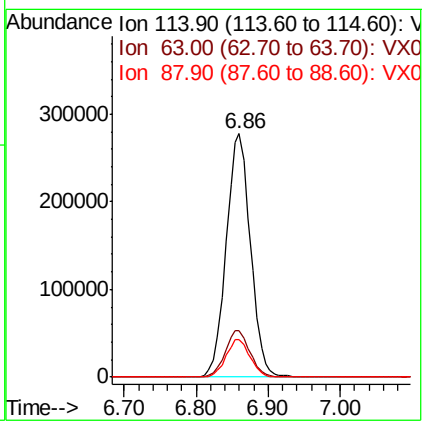


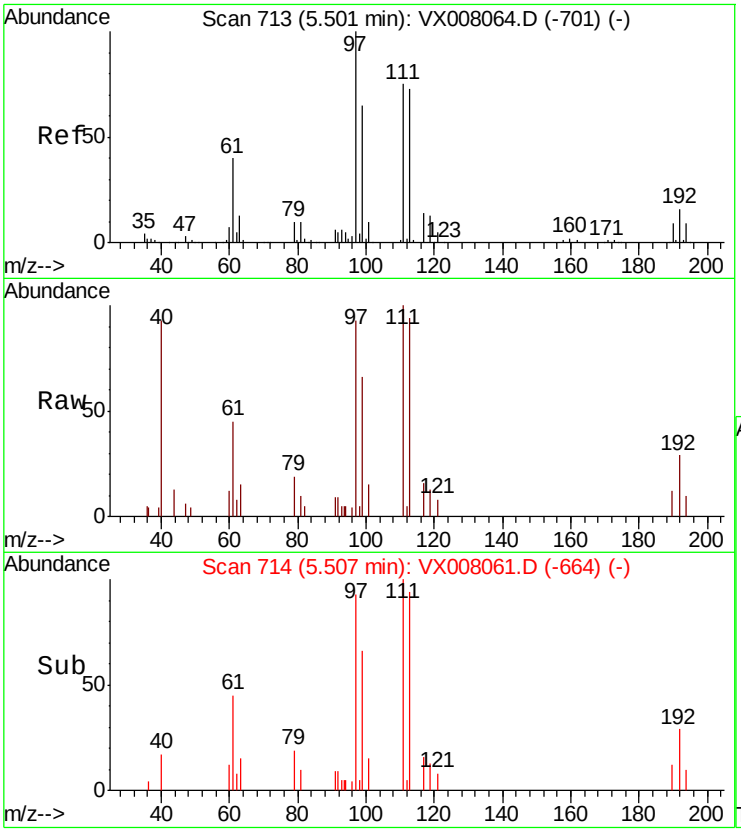




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:114 Resp: 649772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.2 | 0.0 | 39.8 |
| 88 | 15.5 | 0.0 | 31.4 |



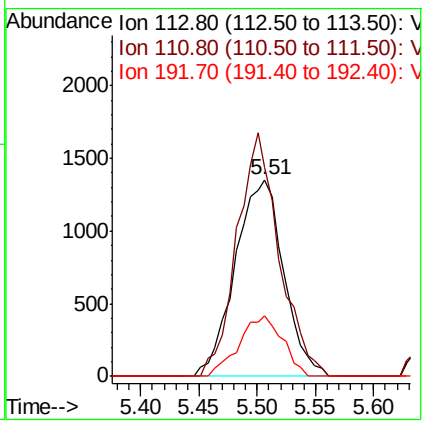


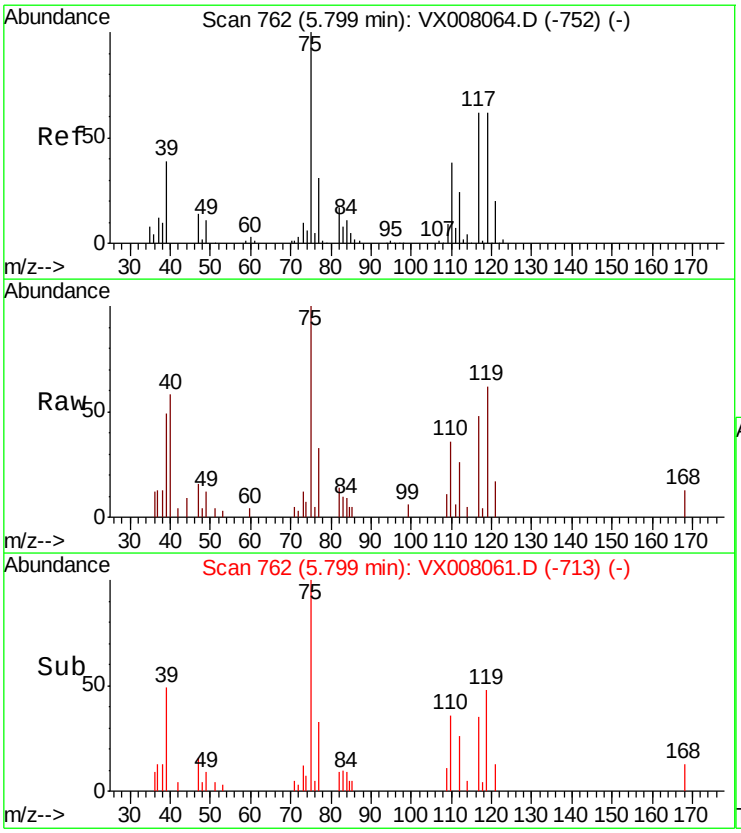

#35
Dibromofluoromethane
Concen: 0.993 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:113 Resp: 3908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 108.3 | 81.4 | 122.0 |
| 192 | 27.5 | 19.4 | 29.0 |

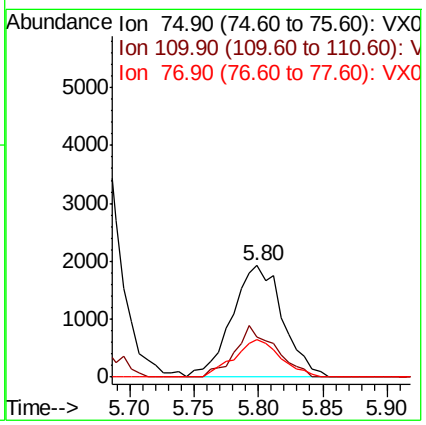


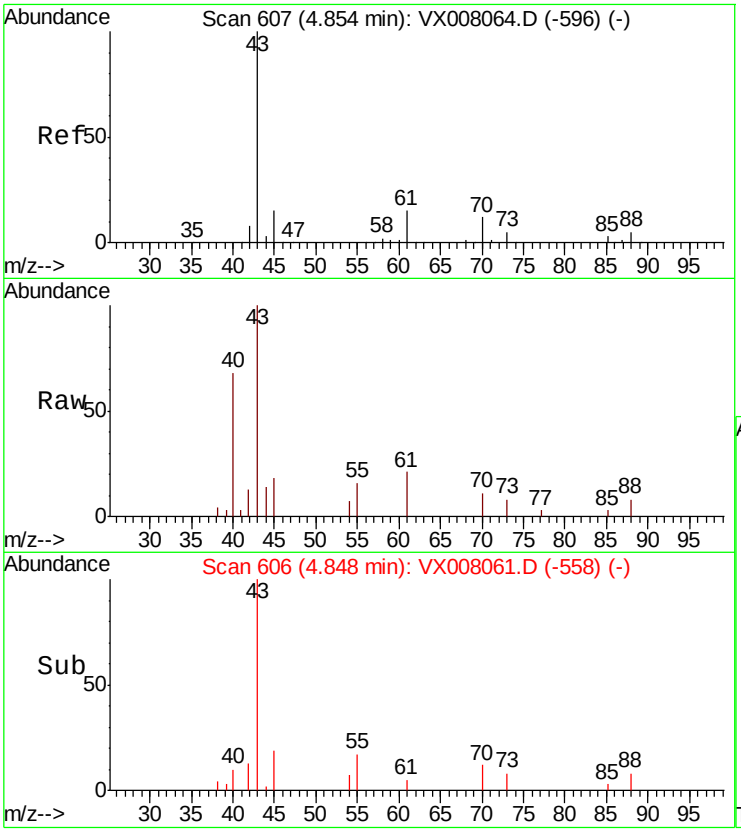




#36
1,1-Dichloropropene
Concen: 1.015 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 75 Resp: 5265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 36.7 | 18.4 | 55.0 |
| 77 | 30.6 | 25.0 | 37.4 |



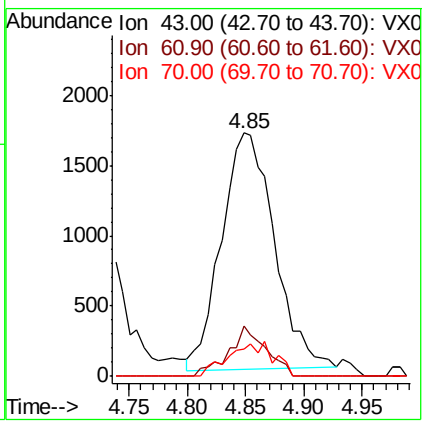


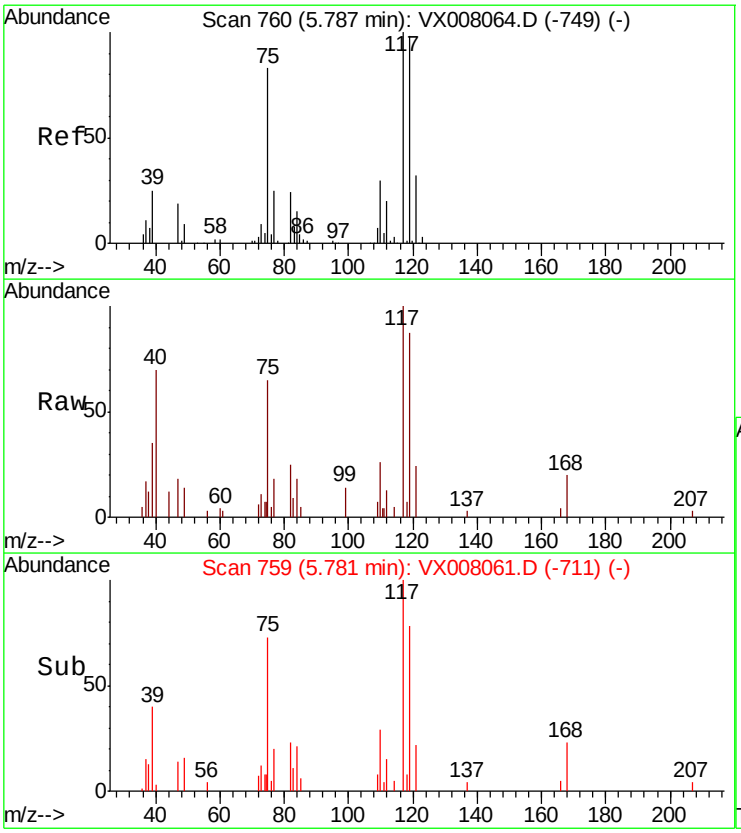

#37
Ethyl Acetate
Concen: 0.926 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 43 Resp: 5314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.0 | 11.3 | 16.9 |
| 70 | 12.3 | 8.5 | 12.7 |

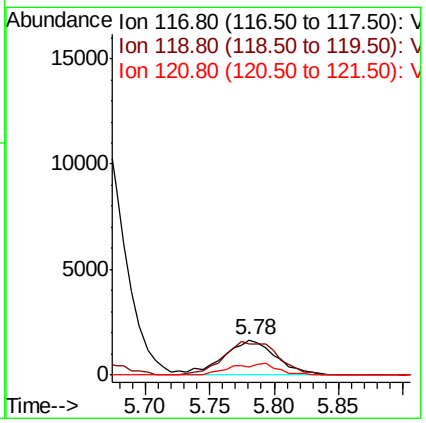


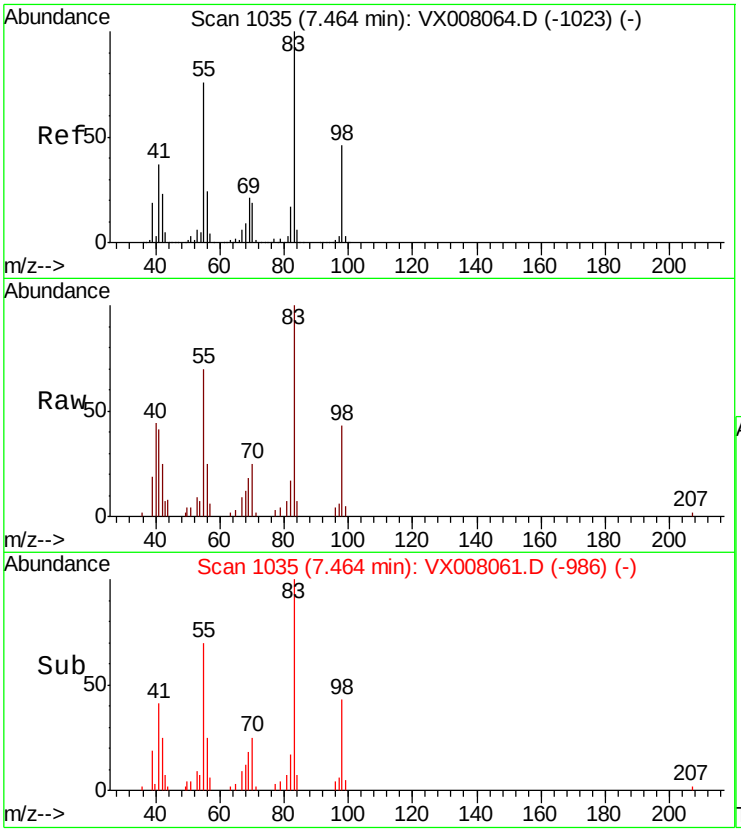




#38
Carbon Tetrachloride
Concen: 0.906 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:117 Resp: 4646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 87.1 | 76.2 | 114.2 |
| 121 | 23.5 | 24.6 | 36.8# |



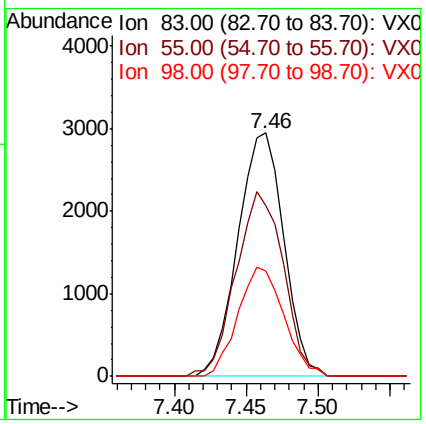


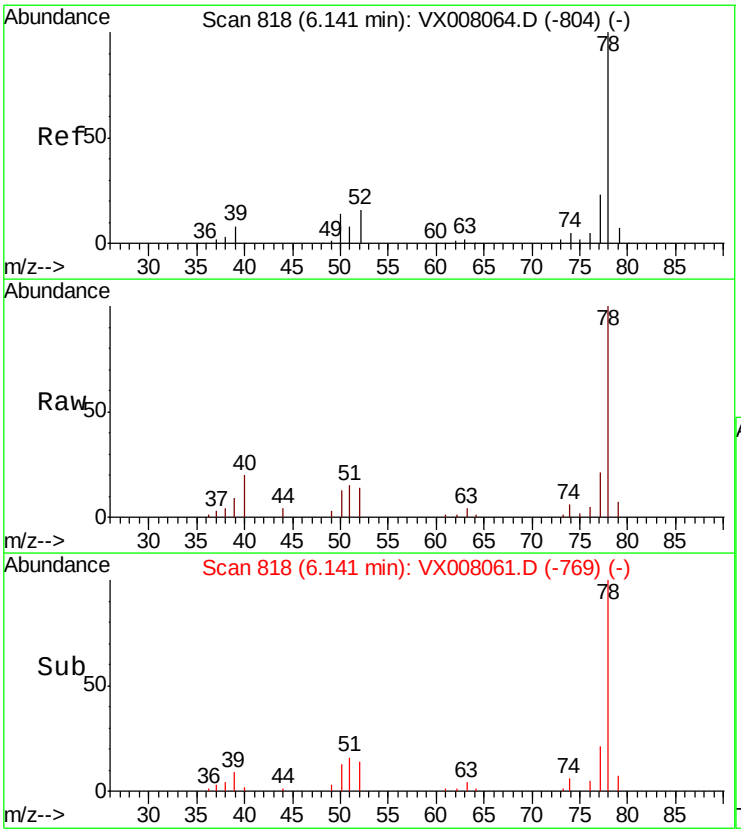

#39
Methylcyclohexane
Concen: 0.964 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 83 Resp: 6510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 69.9 | 60.4 | 90.6 |
| 98 | 43.0 | 36.5 | 54.7 |

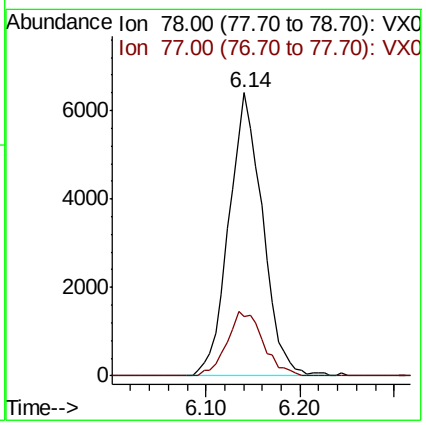


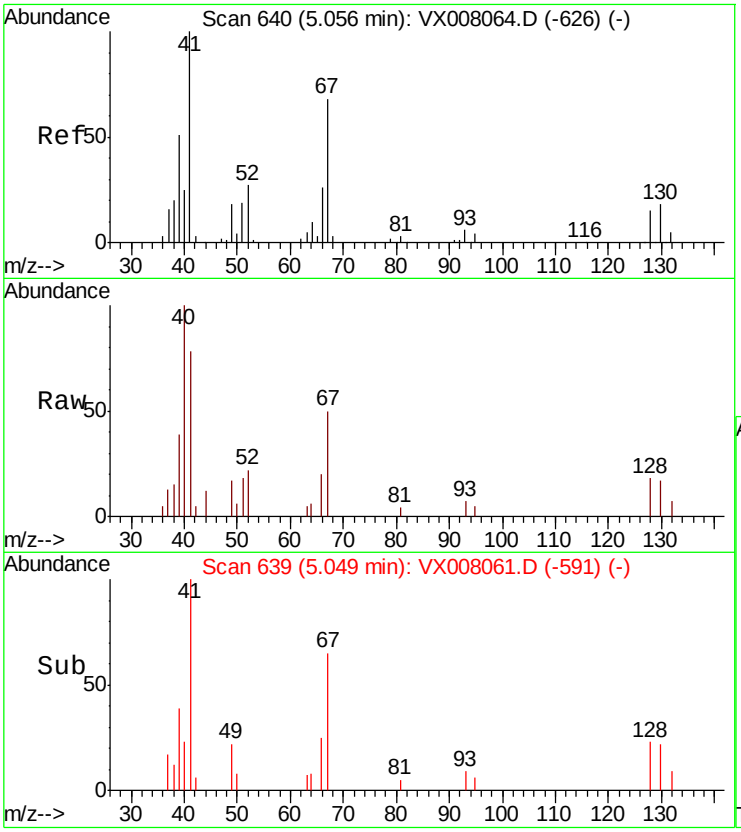




#40
Benzene
Concen: 1.004 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 78 Resp: 15984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 21.1 | 19.0 | 28.4 |



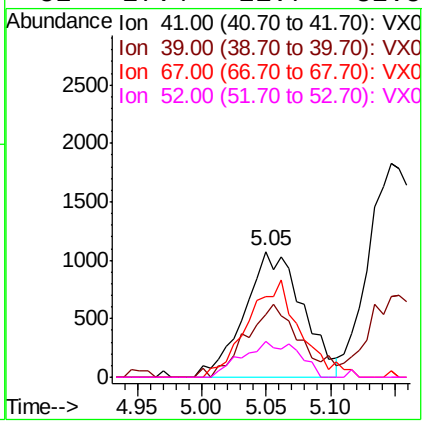


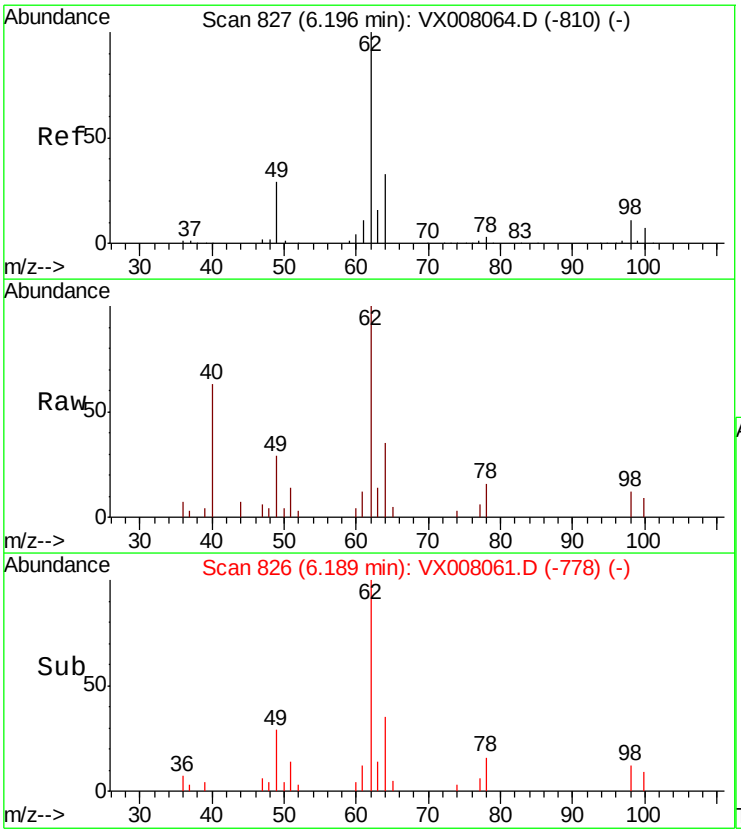

#41
Methacrylonitrile
Concen: 1.027 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 41 Resp: 3361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 54.5 | 41.6 | 62.4 |
| 67 | 69.5 | 55.8 | 83.6 |
| 52 | 27.4 | 21.7 | 32.5 |

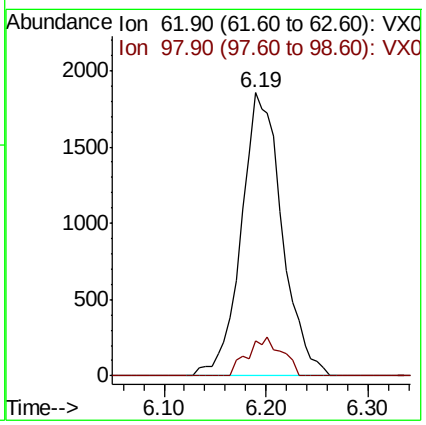


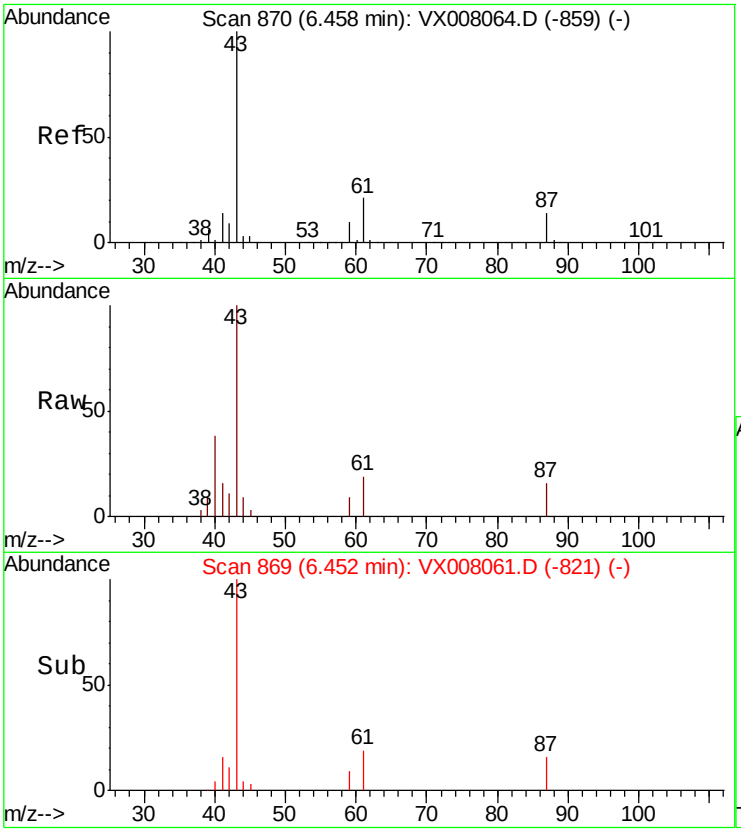




#42
1,2-Dichloroethane
Concen: 1.011 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 62 Resp: 5146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 11.5 | 0.0 | 20.4 |



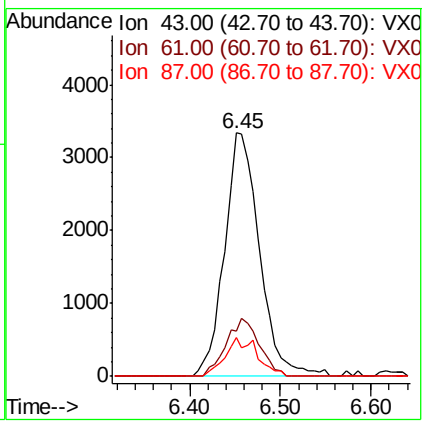


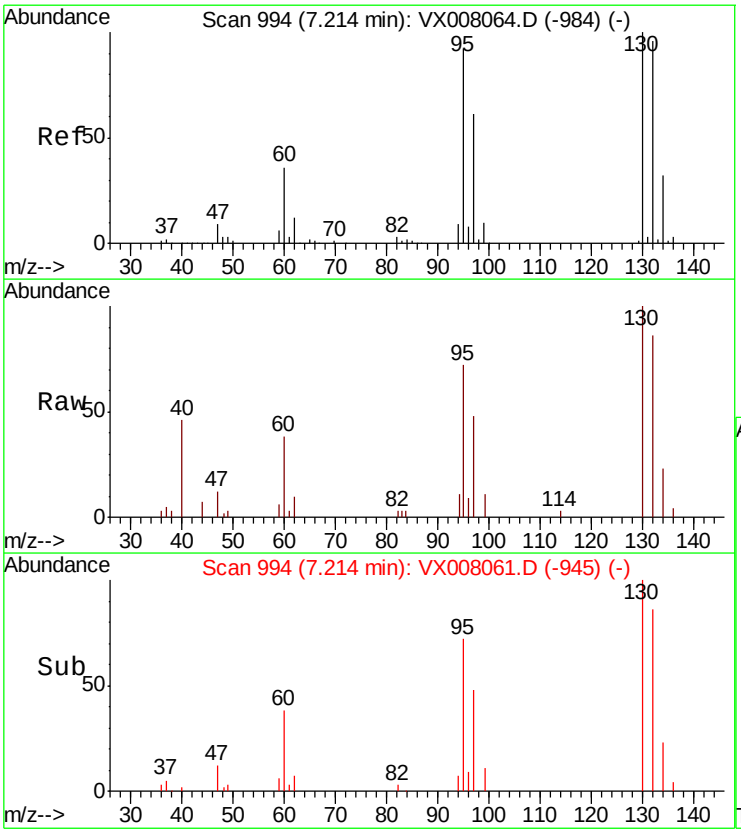

#43
Isopropyl Acetate
Concen: 0.970 ug/l
RT: 6.45 min Scan# 869
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 43 Resp: 8958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 22.4 | 16.3 | 24.5 |
| 87 | 14.6 | 10.5 | 15.7 |

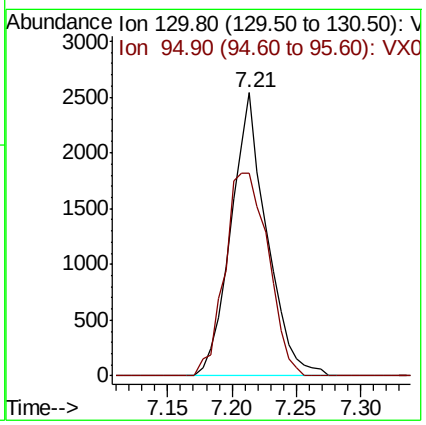


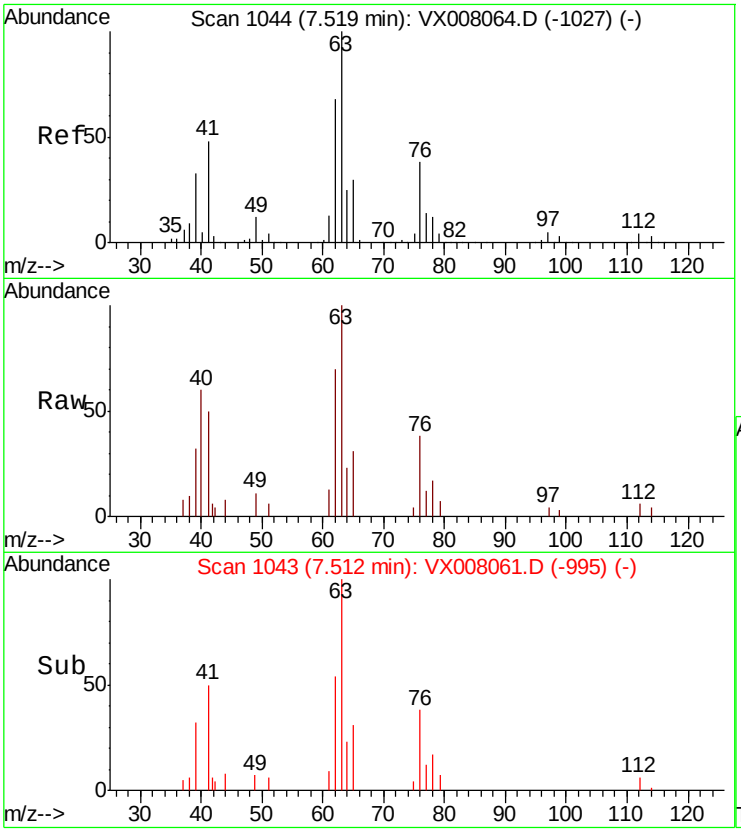




#44
Trichloroethene
Concen: 1.077 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:130 Resp: 4883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 71.7 | 0.0 | 188.0 |



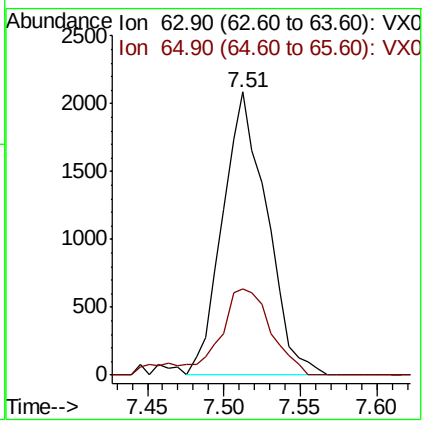


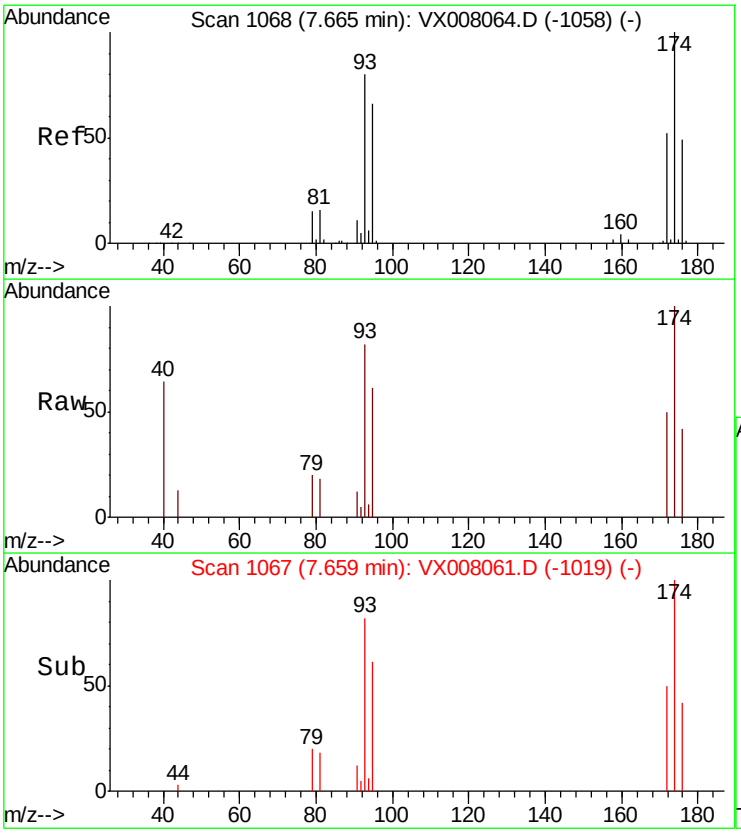

#45
1,2-Dichloropropane
Concen: 0.987 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 63 Resp: 4189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.7 | 24.7 | 37.1 |

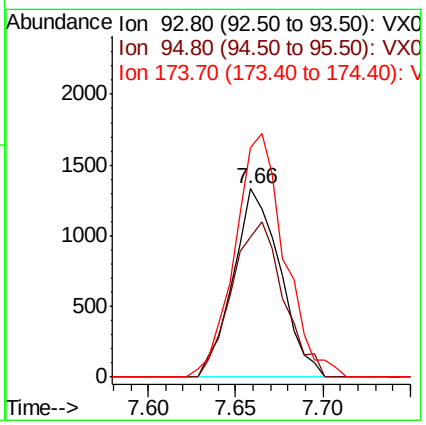


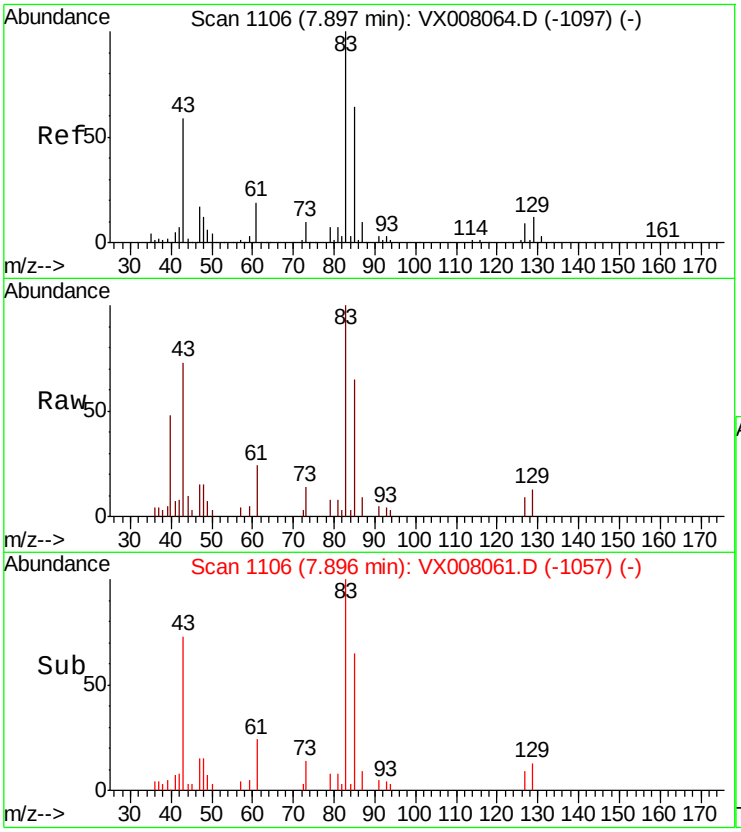




#46
Dibromomethane
Concen: 0.924 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 93 Resp: 2485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 90.2 | 66.8 | 100.2 |
| 174 | 136.8 | 97.3 | 145.9 |



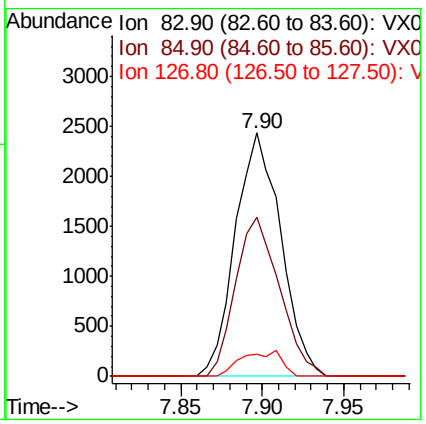


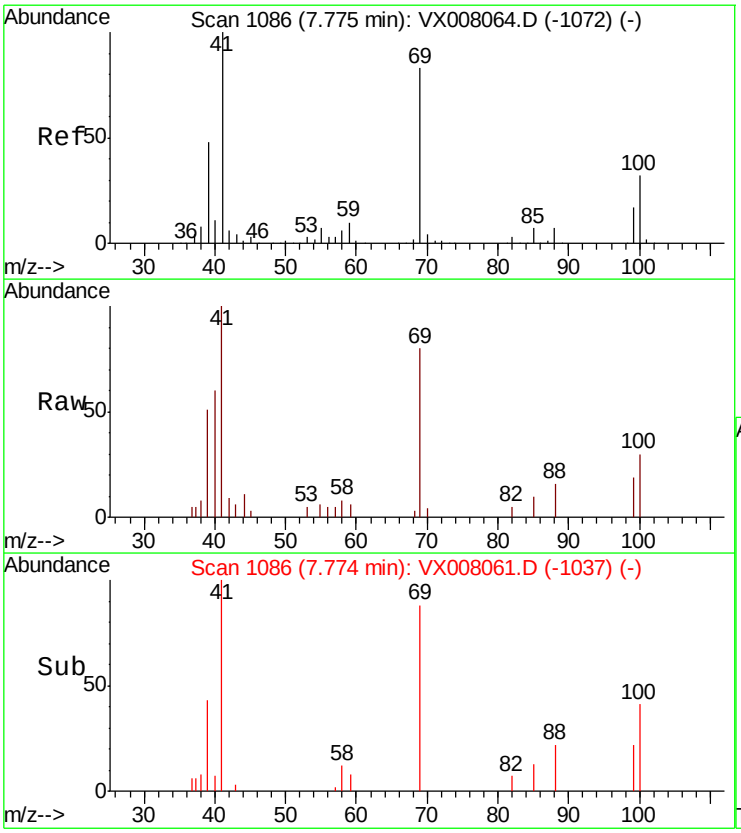

#47
Bromodichloromethane
Concen: 0.926 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 83 Resp: 4722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.4 | 50.9 | 76.3 |
| 127 | 8.9 | 7.4 | 11.0 |

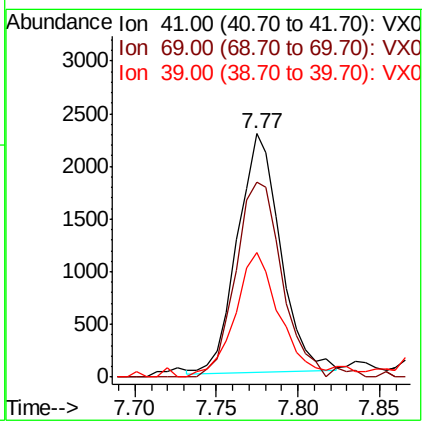


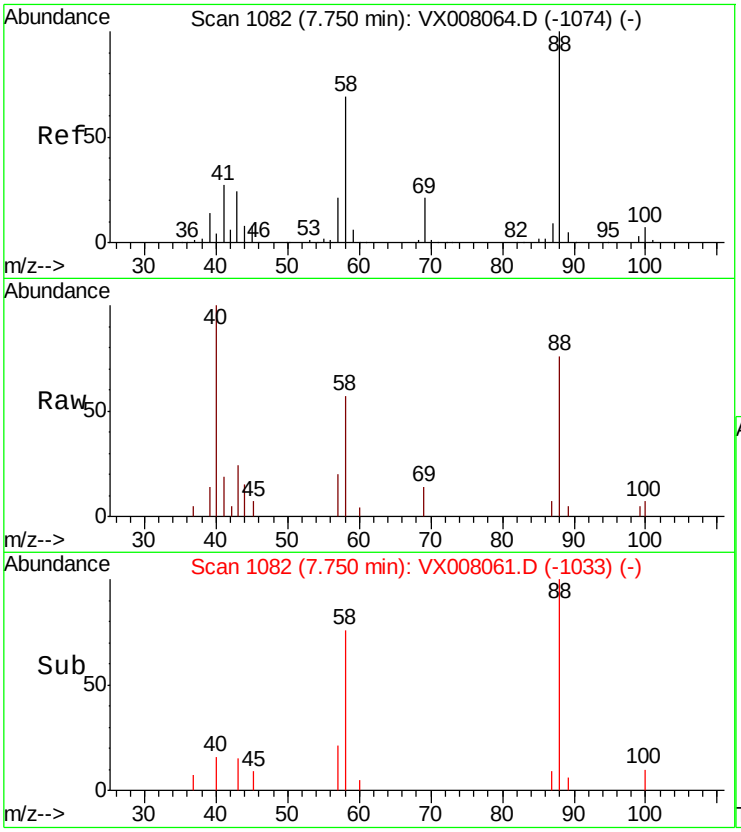




#48
Methyl methacrylate
Concen: 0.848 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 41 Resp: 4187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.8 | 65.2 | 97.8 |
| 39 | 53.8 | 39.4 | 59.2 |



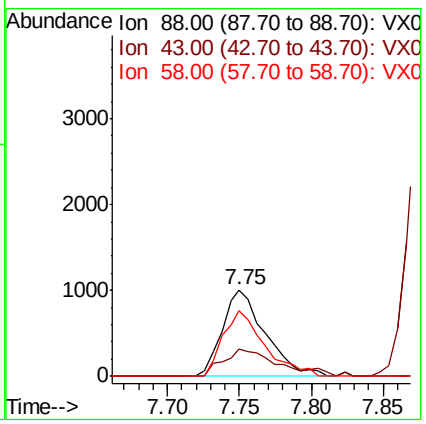


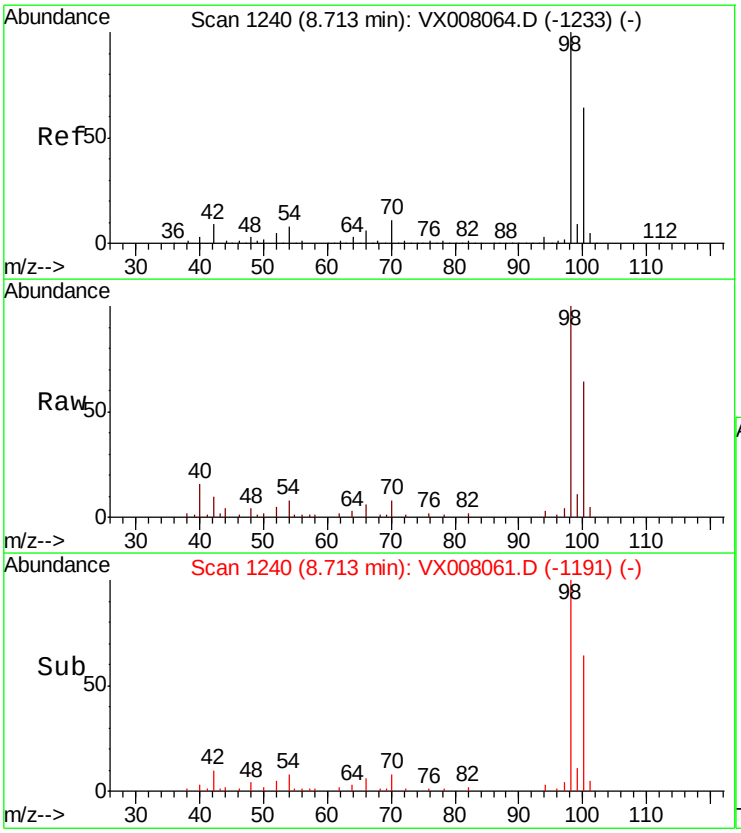

#49
1,4-Dioxane
Concen: 20.407 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 88 Resp: 2091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.9 | 25.1 | 37.7 |
| 58 | 73.8 | 57.8 | 86.6 |

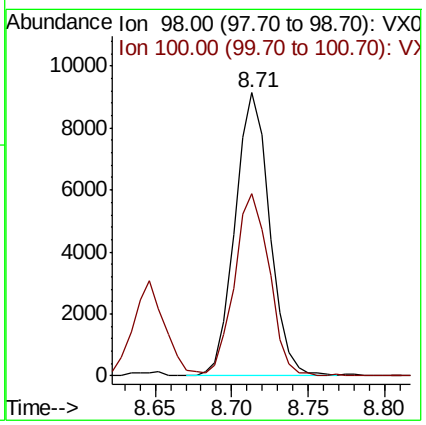


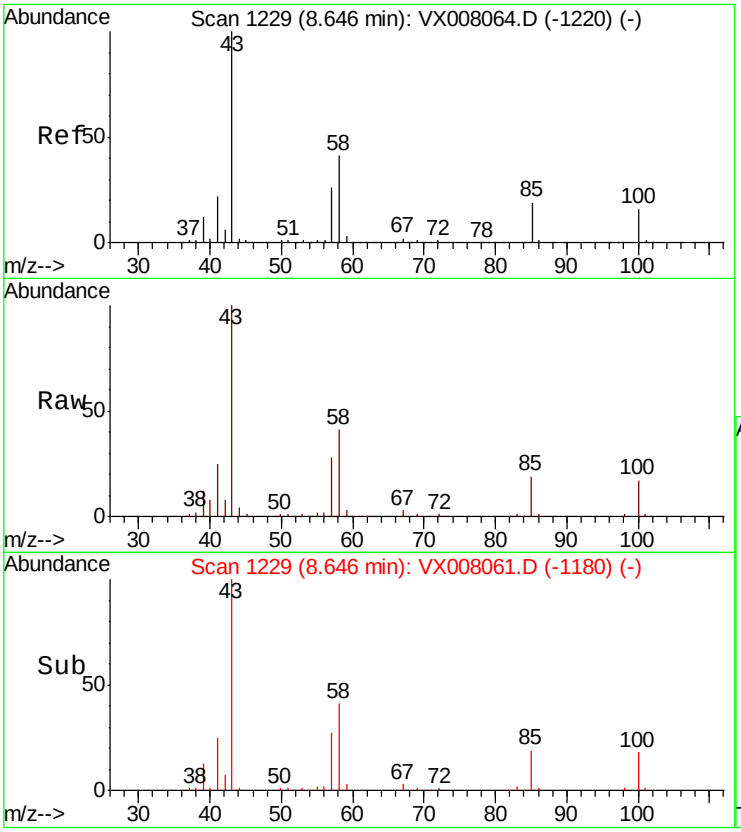




#50
Toluene-d8
Concen: 0.944 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 98 Resp: 14328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.7 | 51.7 | 77.5 |



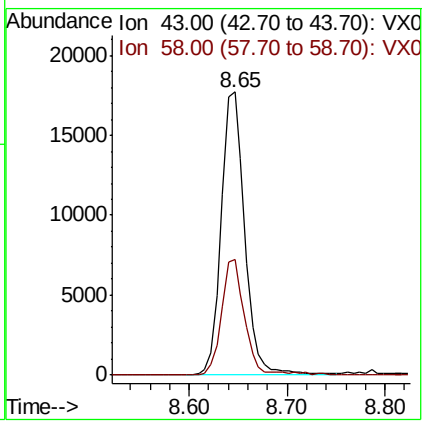


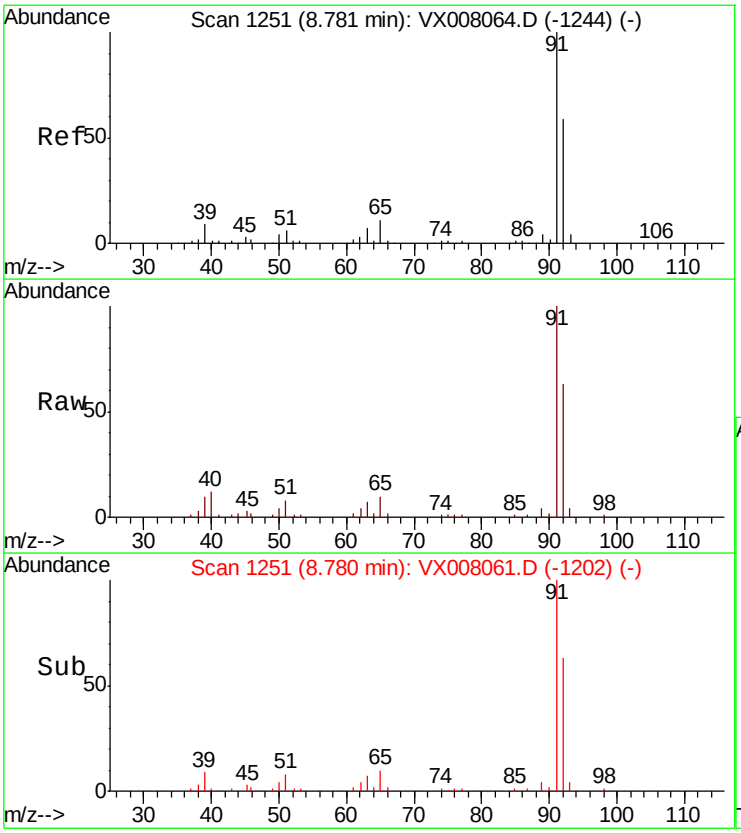

#51
4-Methyl-2-Pentanone
Concen: 4.905 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 43 Resp: 29699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.0 | 31.3 | 46.9 |

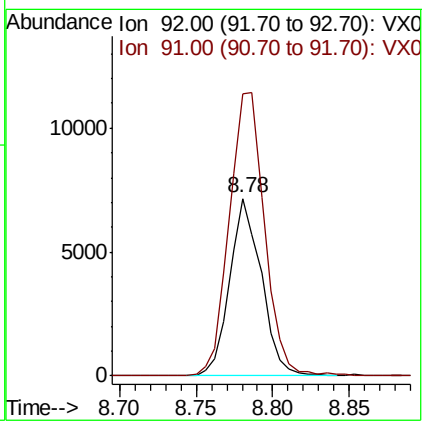


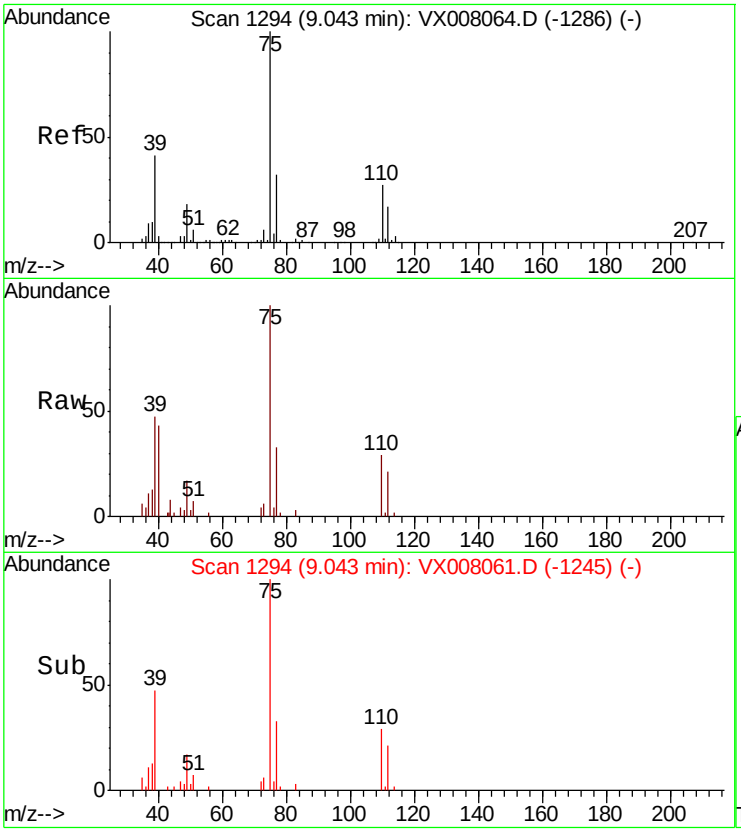




#52
Toluene
Concen: 1.007 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 92 Resp: 10278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 178.0 | 137.4 | 206.0 |



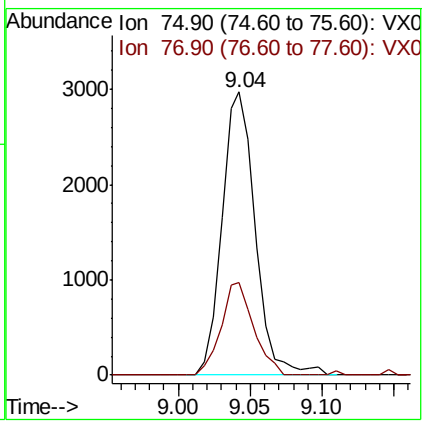


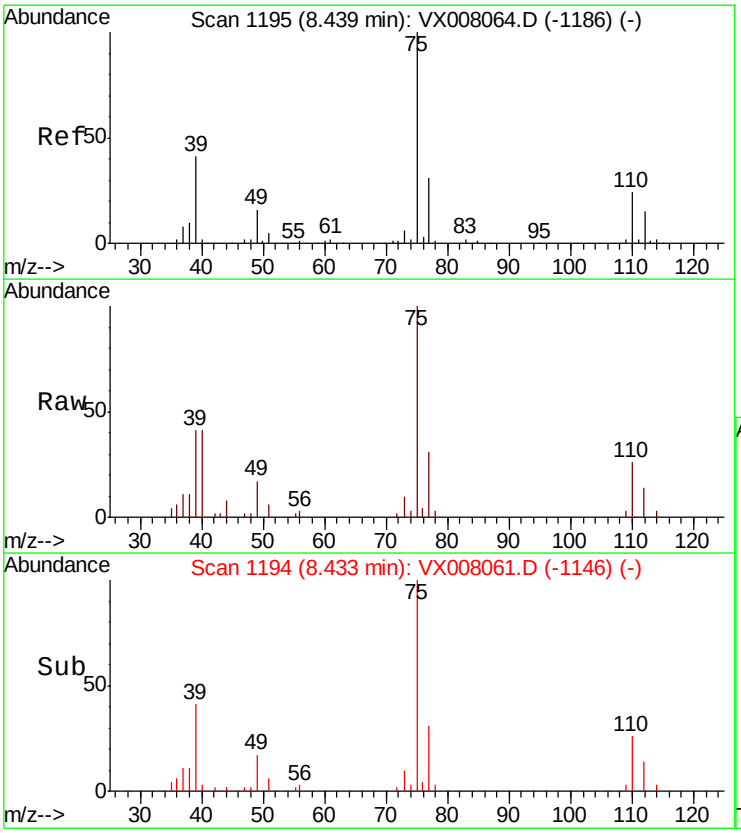

#53
t-1,3-Dichloropropene
Concen: 0.827 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 75 Resp: 4801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.7 | 25.4 | 38.0 |

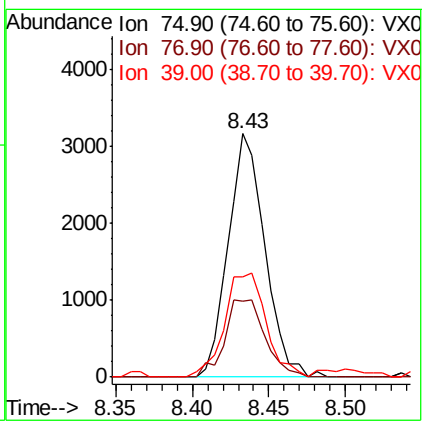


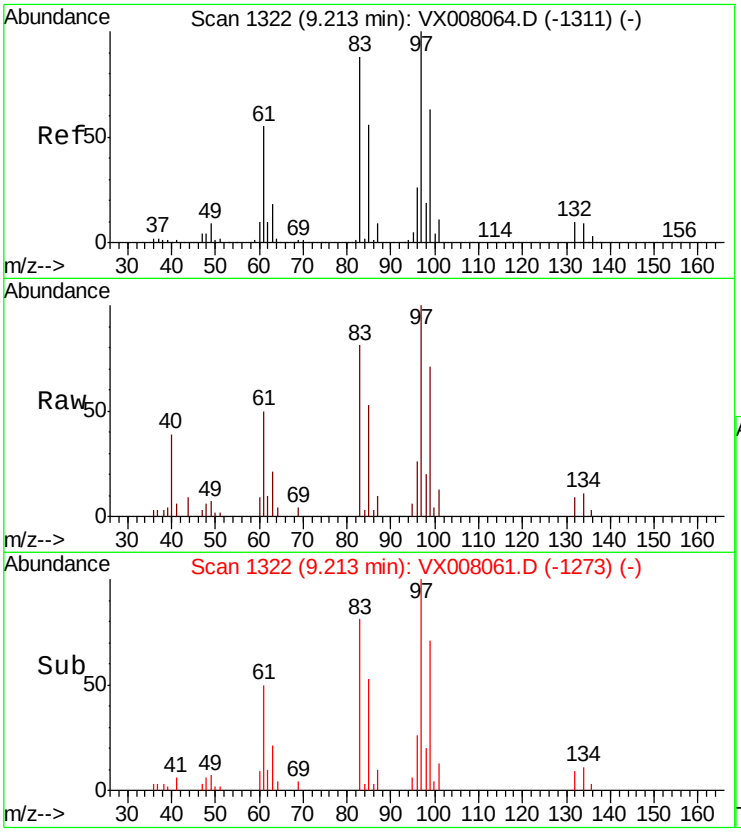




#54
cis-1,3-Dichloropropene
Concen: 0.813 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 75 Resp: 5256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 25.0 | 37.6 |
| 39 | 41.4 | 36.6 | 54.8 |



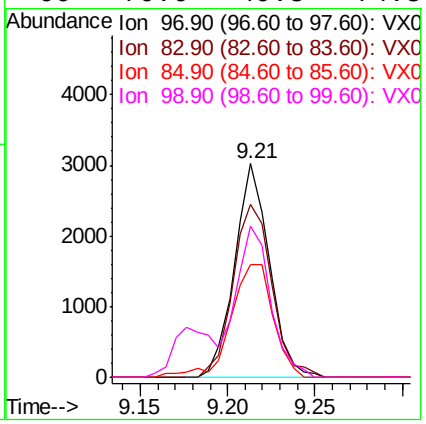


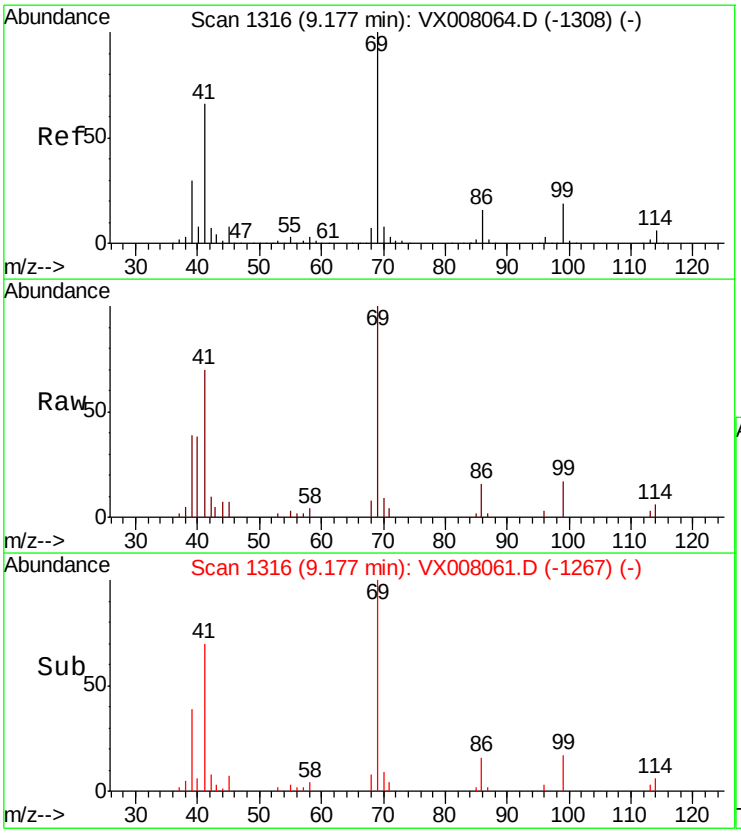

#55
1,1,2-Trichloroethane
Concen: 1.017 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 97 Resp: 4185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 80.8 | 69.1 | 103.7 |
| 85 | 52.7 | 44.3 | 66.5 |
| 99 | 70.6 | 49.8 | 74.8 |

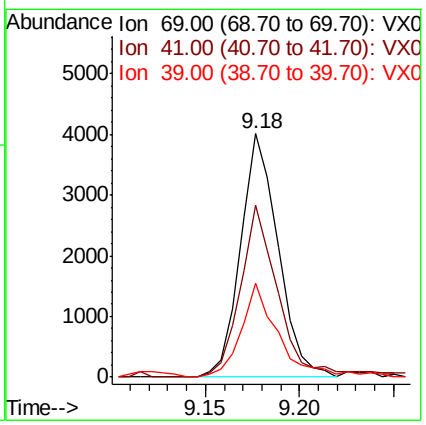


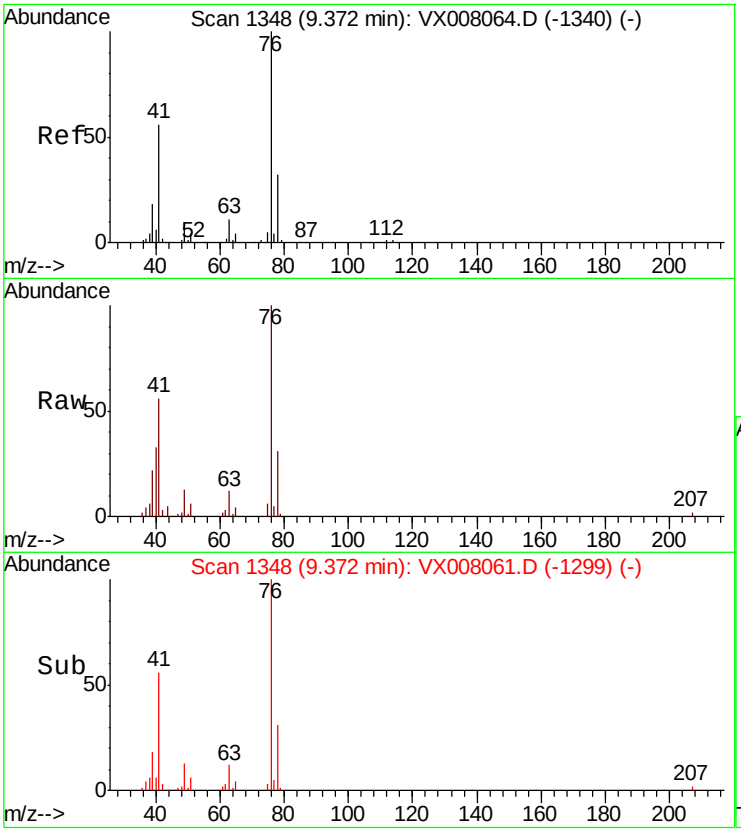




#56
Ethyl methacrylate
Concen: 0.877 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 69 Resp: 5544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 70.3 | 54.2 | 81.4 |
| 39 | 38.8 | 25.0 | 37.4# |



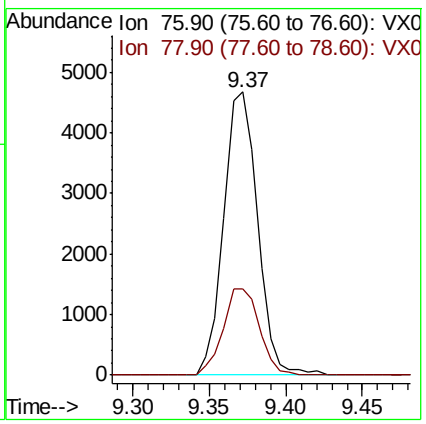


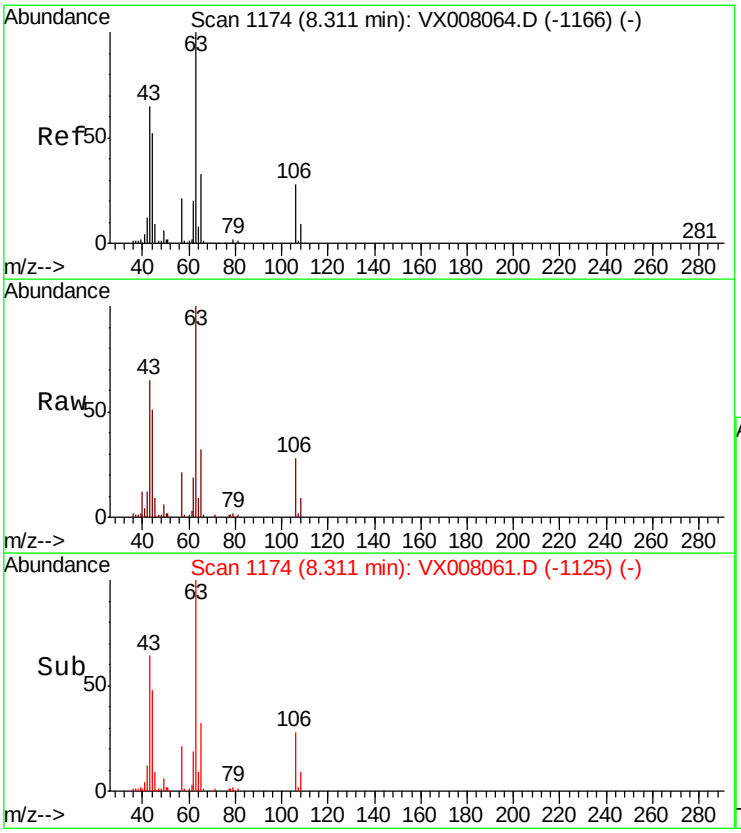

#57
1,3-Dichloropropane
Concen: 1.056 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 76 Resp: 7169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.7 | 25.5 | 38.3 |

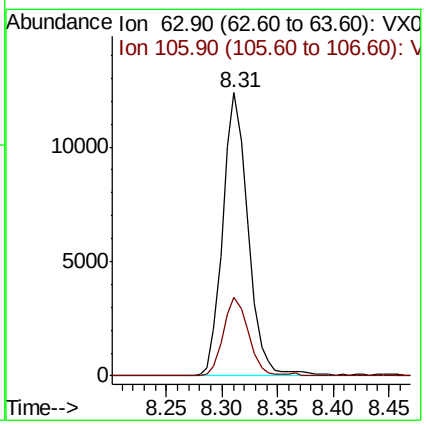


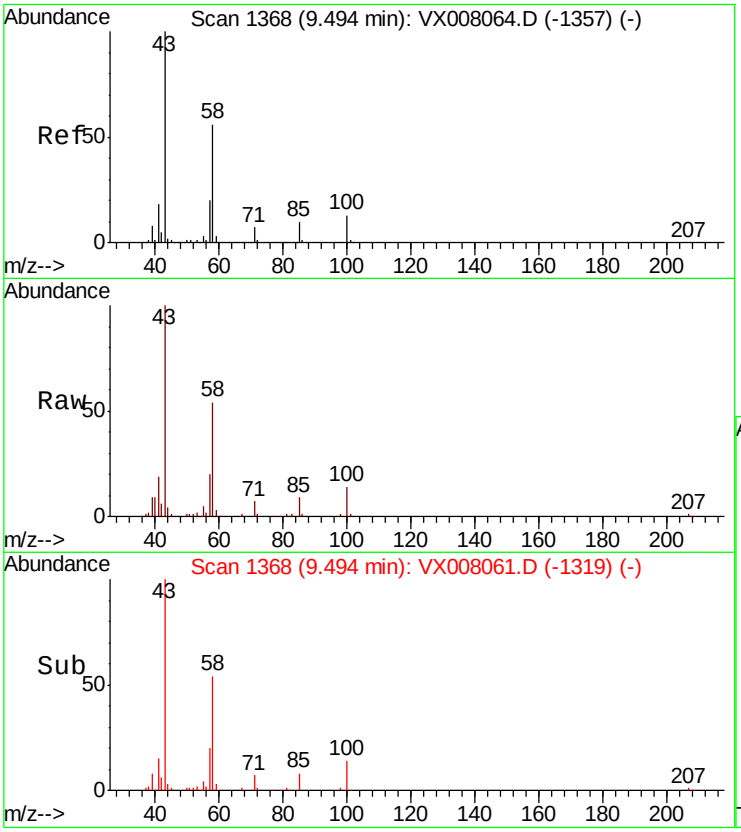




#58
2-Chloroethyl Vinyl ether
Concen: 5.280 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 63 Resp: 19477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 27.3 | 22.2 | 33.2 |



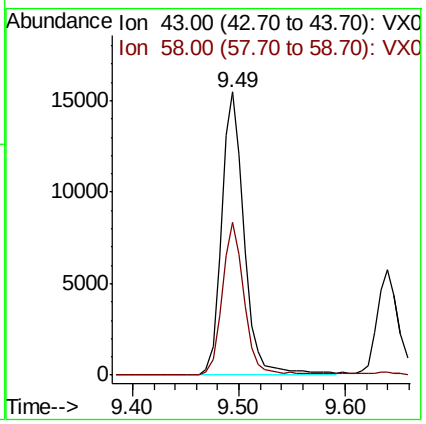


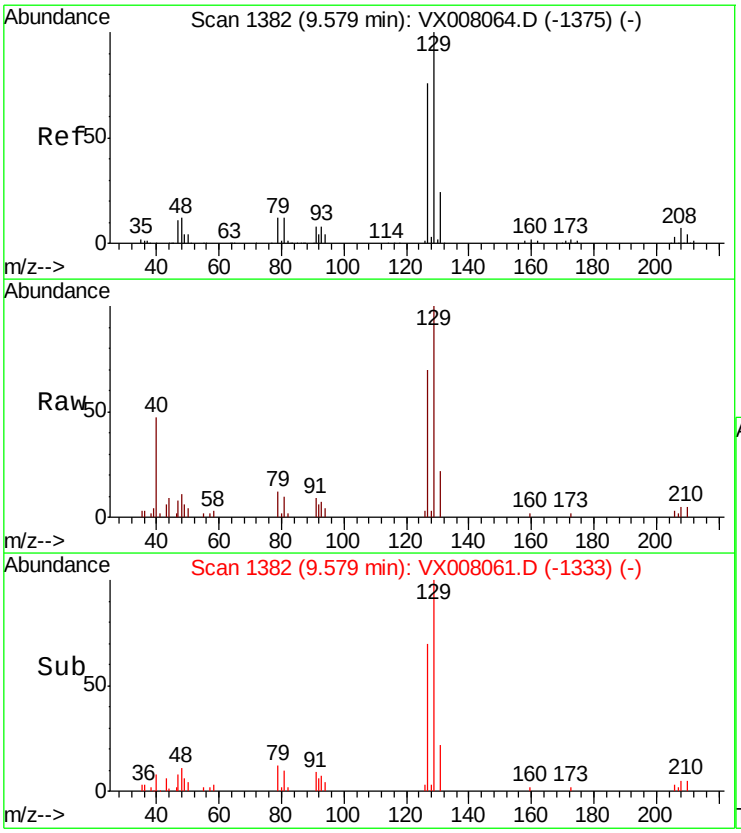

#59
2-Hexanone
Concen: 4.929 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 43 Resp: 22959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.6 | 27.6 | 82.7 |

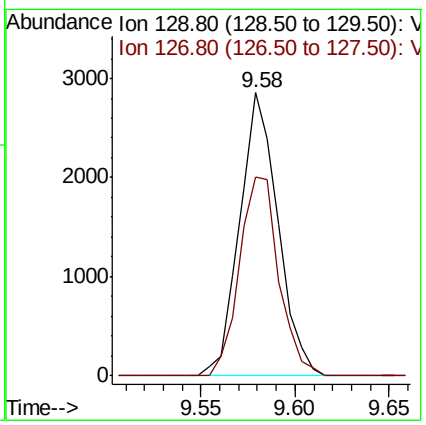


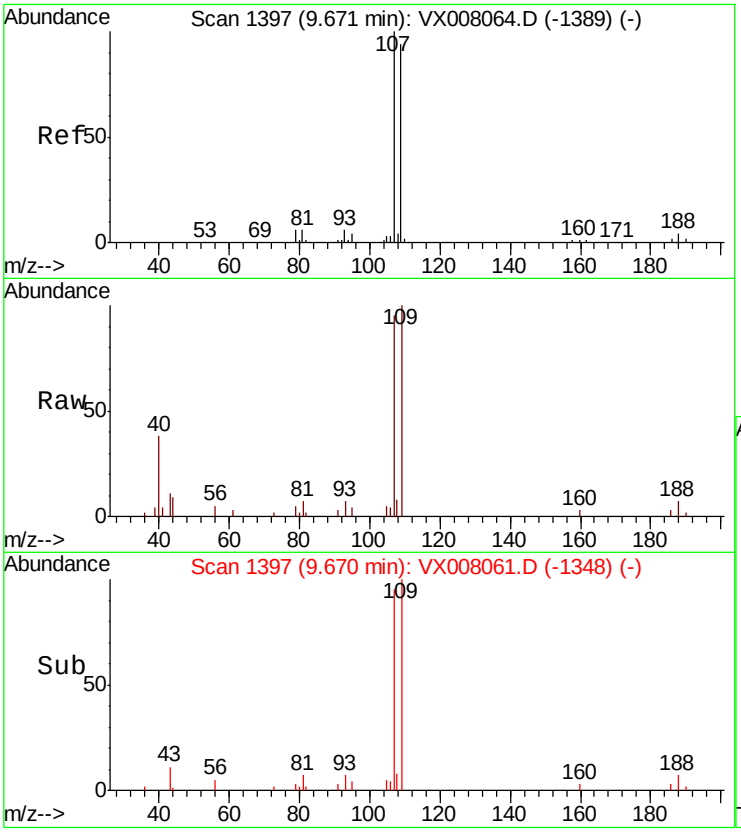




#60
Dibromochloromethane
Concen: 0.908 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:129 Resp: 4012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 72.5 | 38.3 | 114.8 |



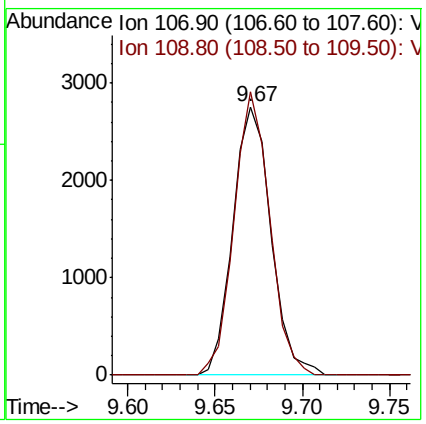


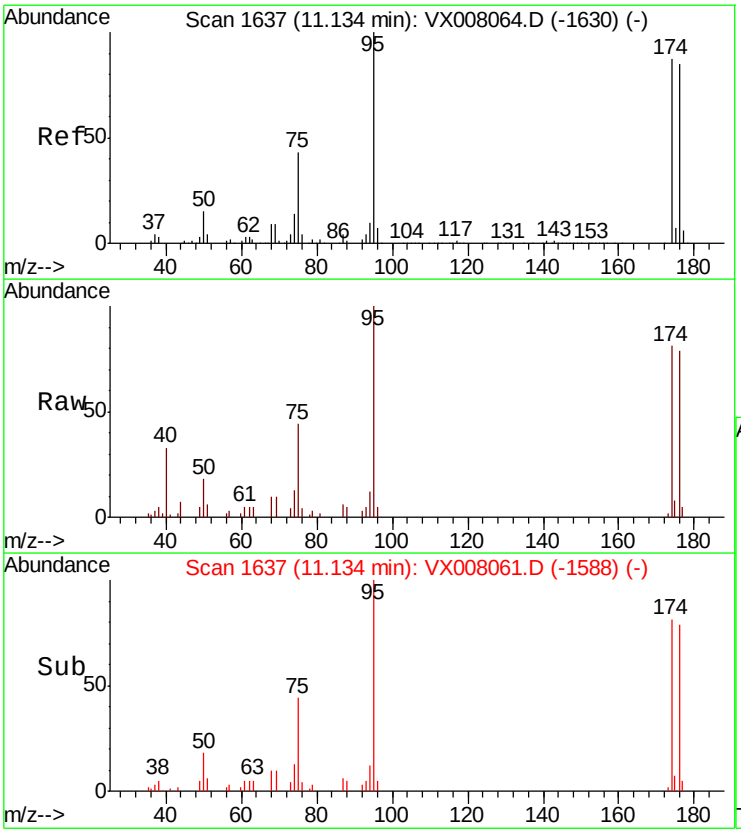

#61
1,2-Dibromoethane
Concen: 0.936 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:107 Resp: 4169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 99.0 | 75.8 | 113.8 |

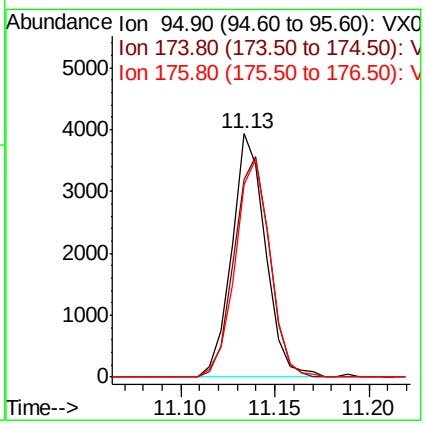


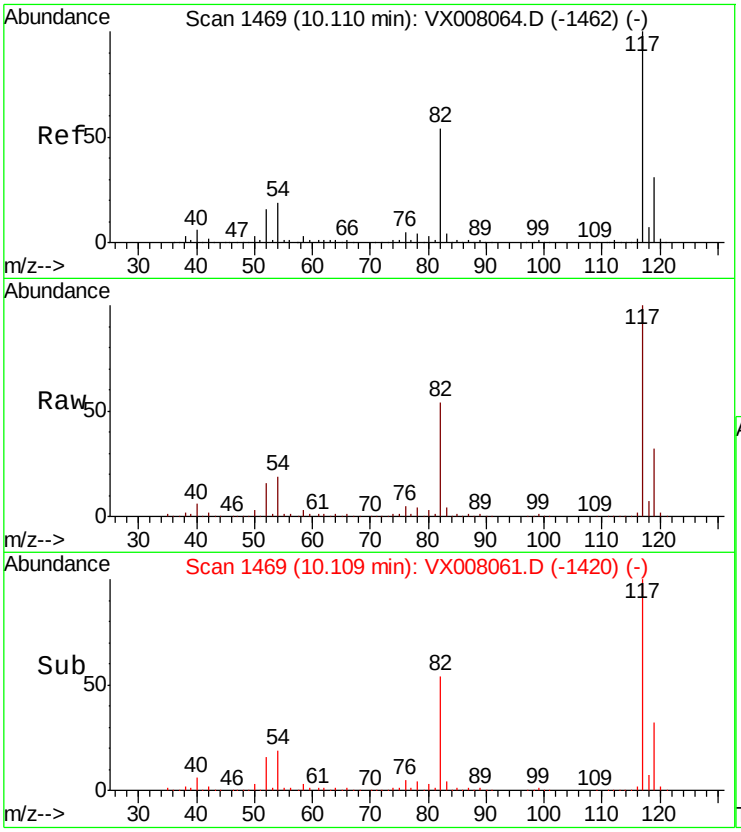




#62
4-Bromofluorobenzene
Concen: 0.893 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 95 Resp: 4877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 95.1 | 0.0 | 182.8 |
| 176 | 92.6 | 0.0 | 178.0 |



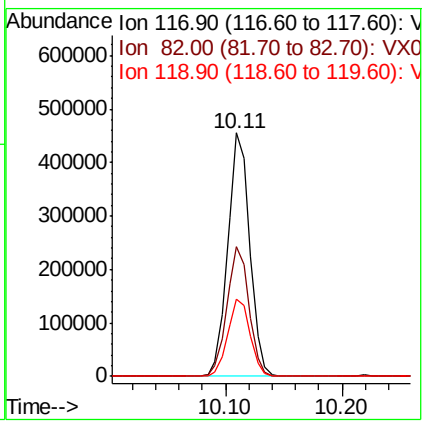


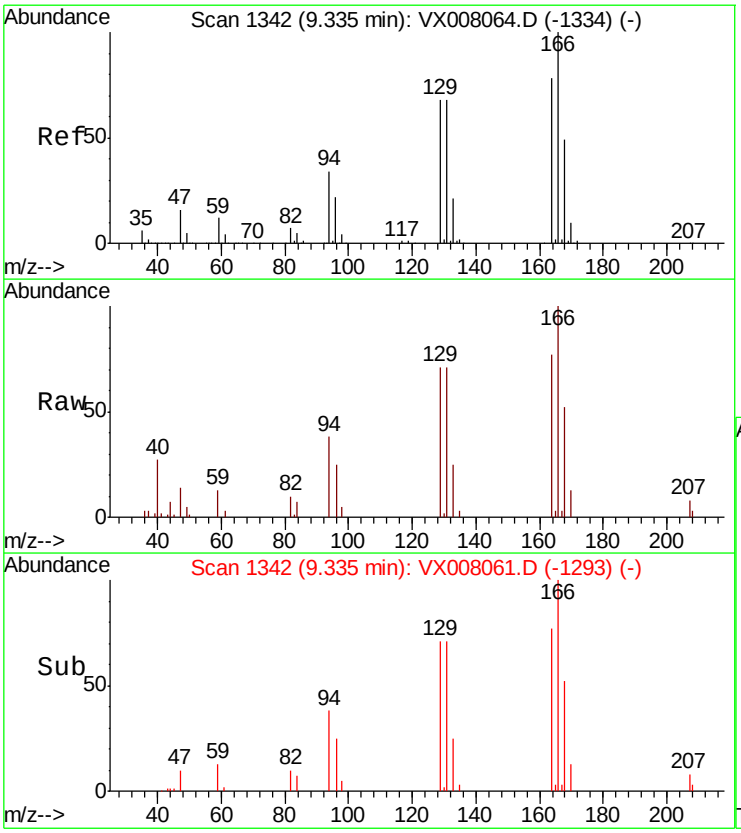

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:117 Resp: 598367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.5 | 44.3 | 66.5 |
| 119 | 31.9 | 25.3 | 37.9 |

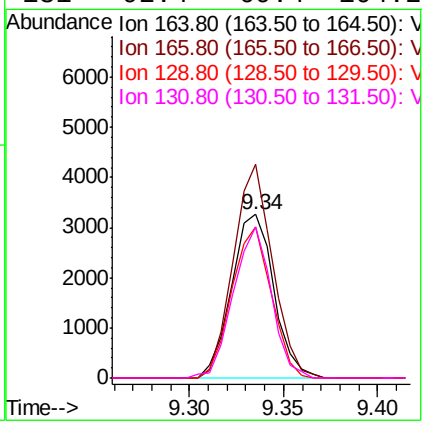


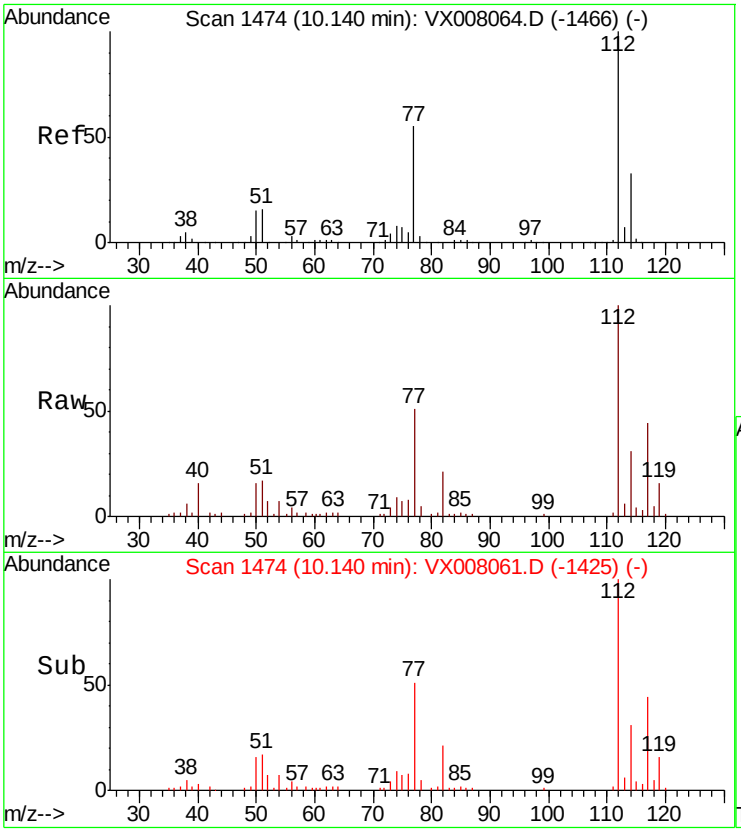




#64
Tetrachloroethene
Concen: 1.085 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:164 Resp: 5086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.5 | 103.4 | 155.0 |
| 129 | 92.1 | 72.2 | 108.4 |
| 131 | 92.4 | 69.4 | 104.2 |



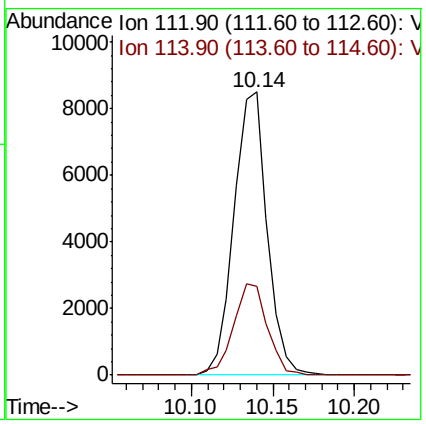


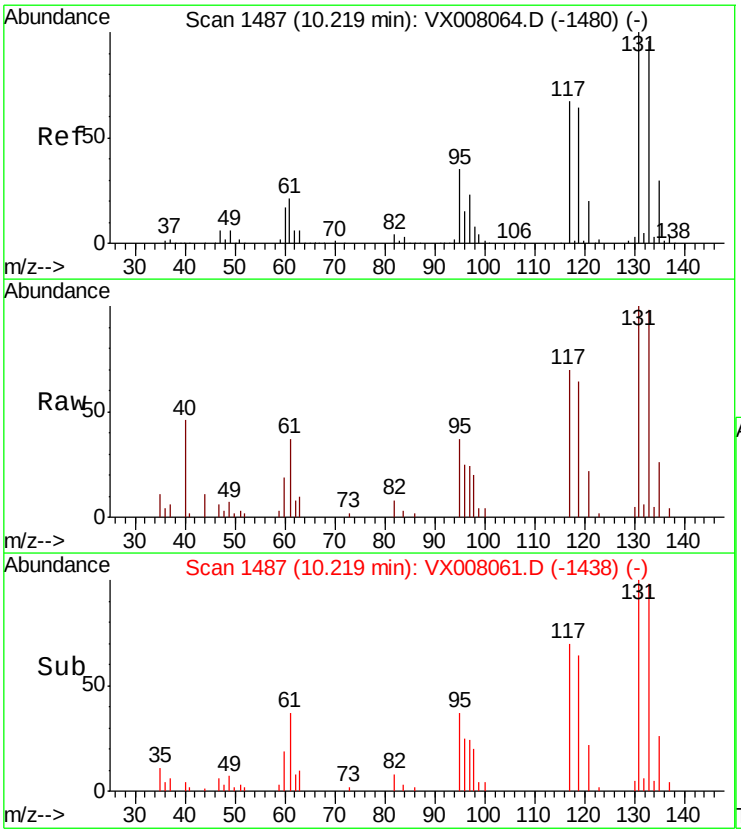

#65
Chlorobenzene
Concen: 1.044 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:112 Resp: 12048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.2 | 26.0 | 39.0 |

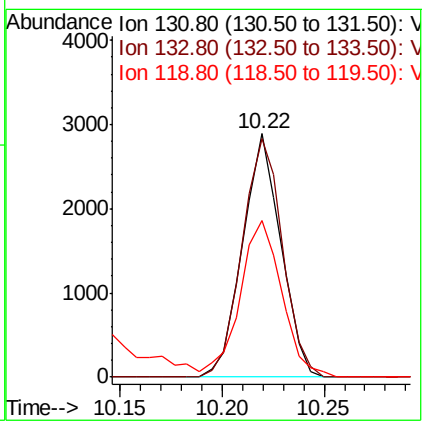


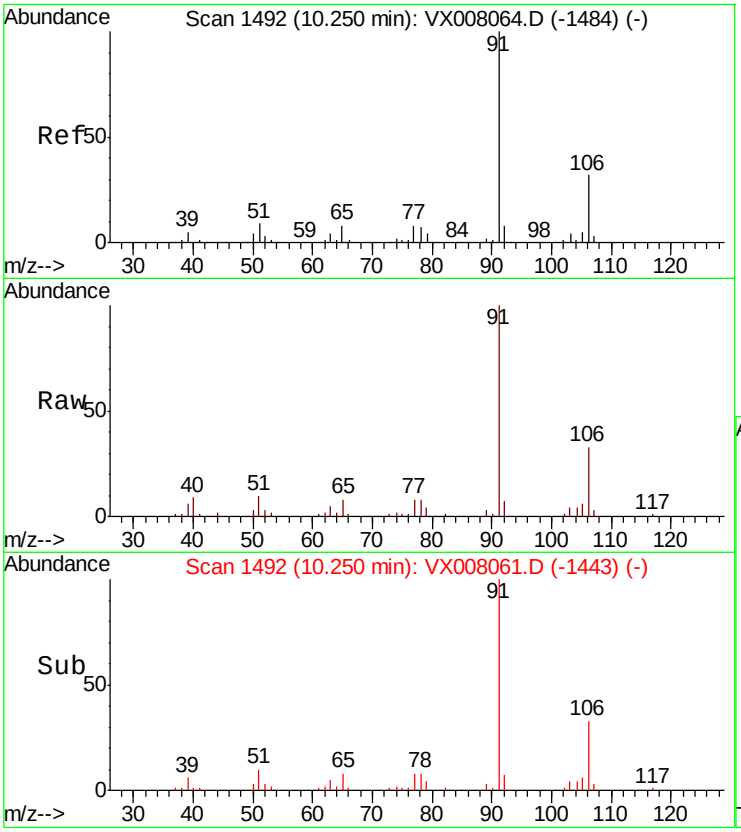




#66
1,1,1,2-Tetrachloroethane
Concen: 0.883 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:131 Resp: 3770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 103.1 | 47.8 | 143.3 |
| 119 | 0.0 | 32.5 | 97.5# |



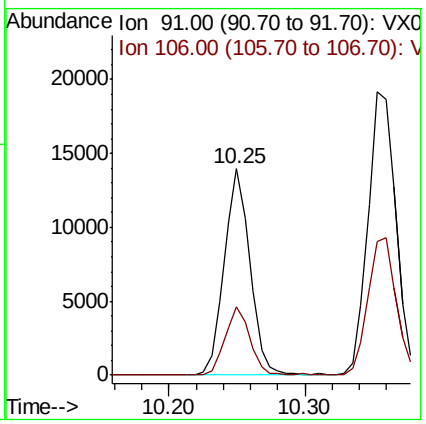


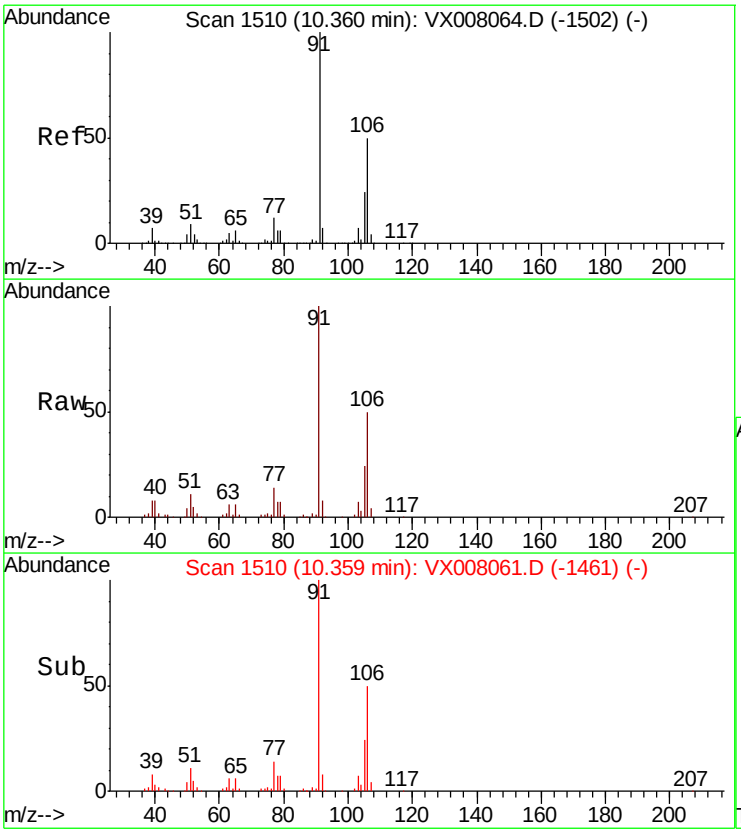

#67
Ethyl Benzene
Concen: 0.939 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 91 Resp: 18359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.9 | 25.2 | 37.8 |

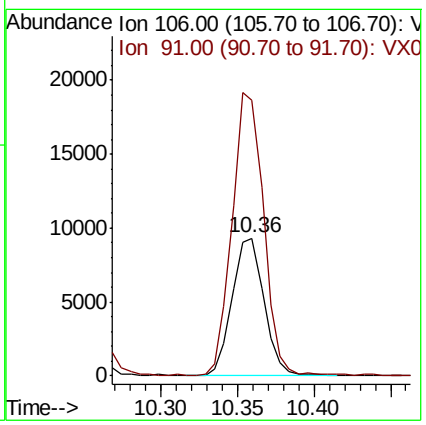


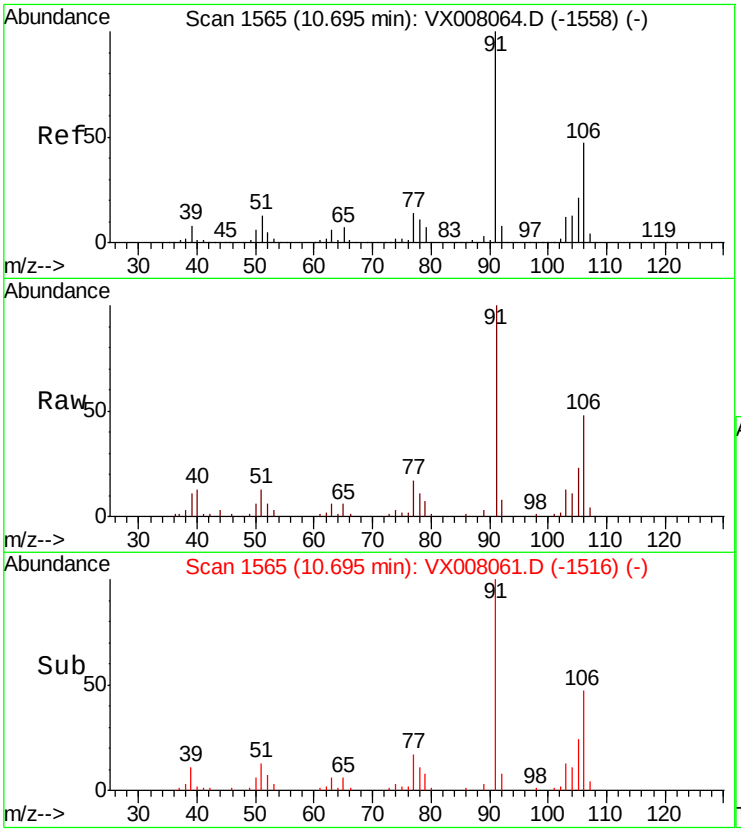




#68
m/p-Xylenes
Concen: 1.796 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:106 Resp: 13531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 203.2 | 159.8 | 239.6 |



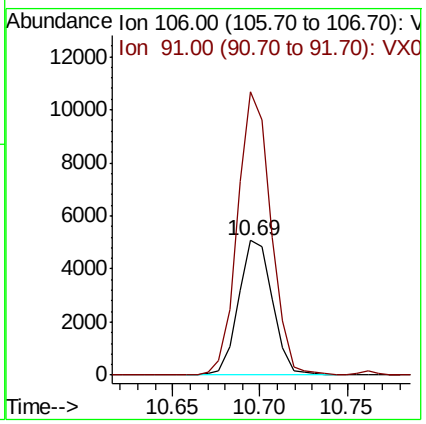


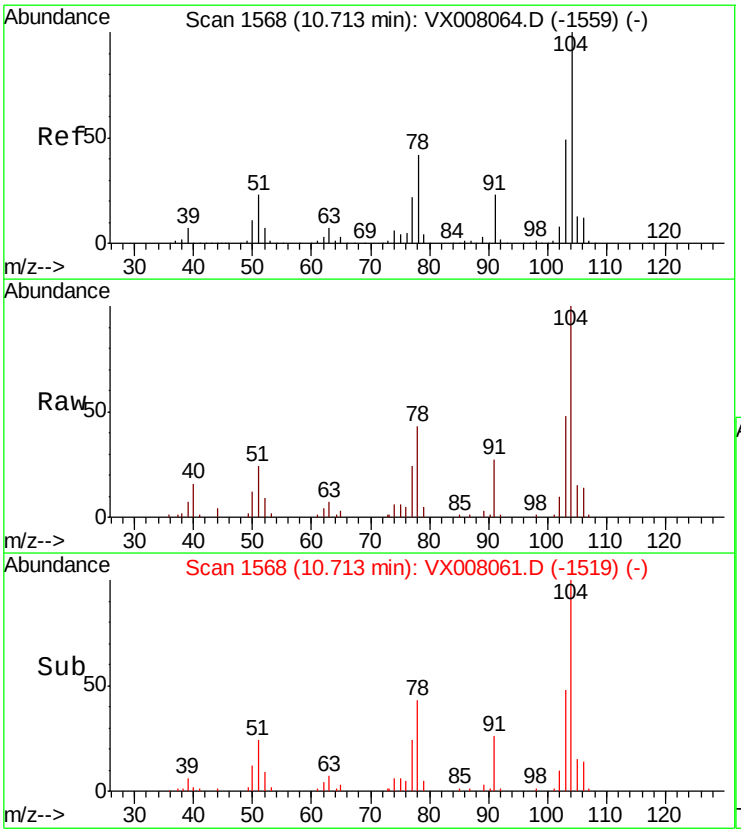

#69
o-Xylene
Concen: 0.931 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:106 Resp: 6814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.0 | 106.3 | 318.9 |

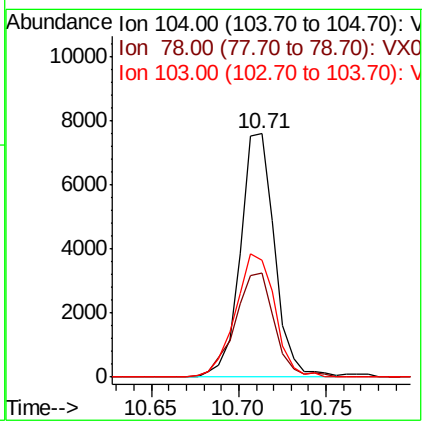


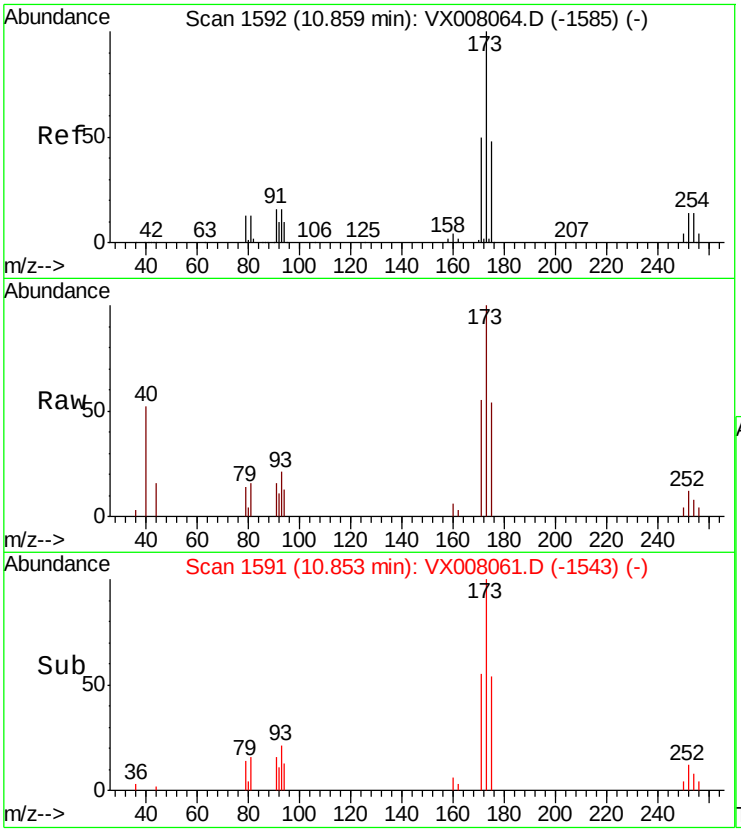




#70
Styrene
Concen: 0.854 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:104 Resp: 10350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.3 | 38.5 | 57.7 |
| 103 | 58.5 | 44.1 | 66.1 |



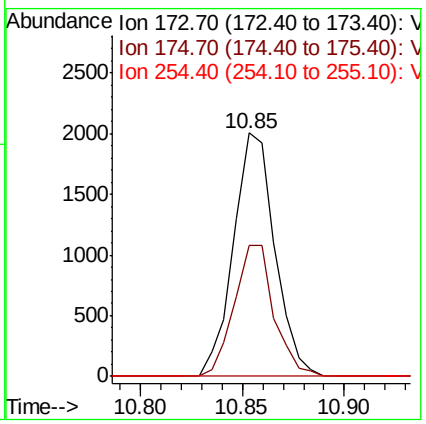


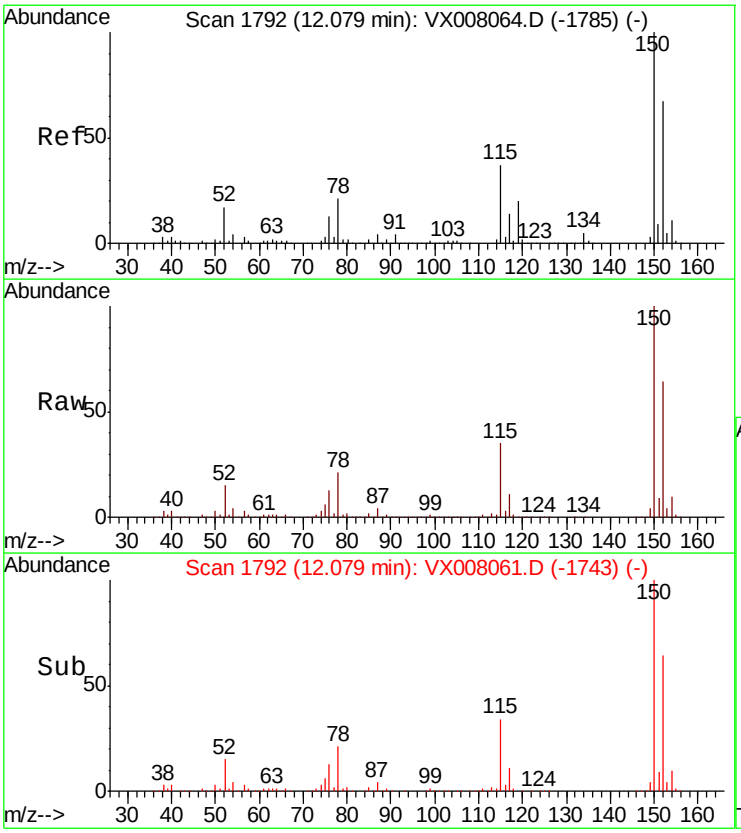

#71
Bromoform
Concen: 0.784 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:173 Resp: 2822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 51.7 | 24.3 | 72.9 |
| 254 | 0.0 | 0.1 | 0.1# |

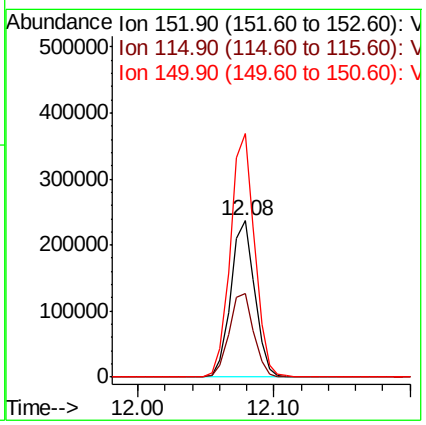


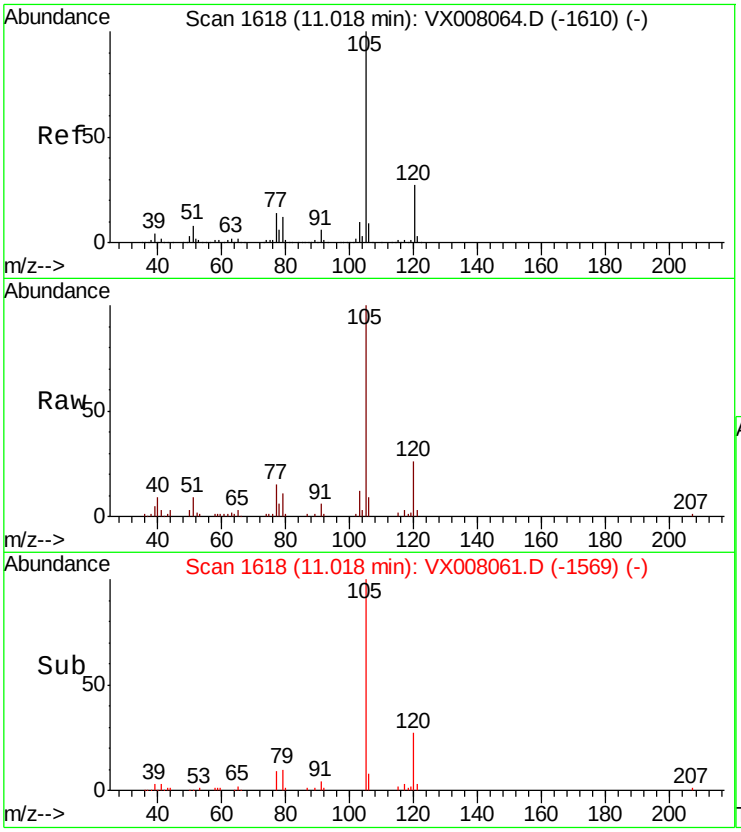




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:152 Resp: 289486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.2 | 38.6 | 115.7 |
| 150 | 156.7 | 0.0 | 348.4 |



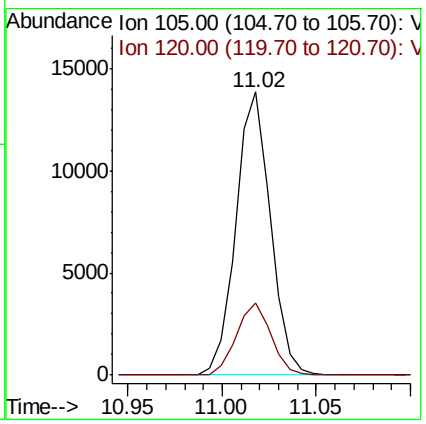


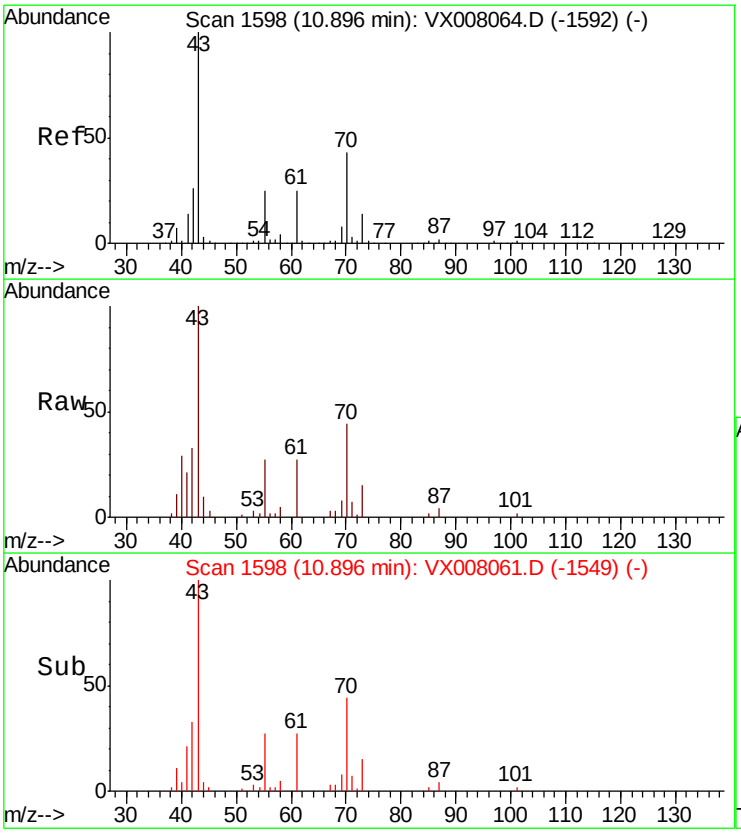

#73
Isopropylbenzene
Concen: 0.948 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:105 Resp: 17519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.7 | 13.4 | 40.1 |

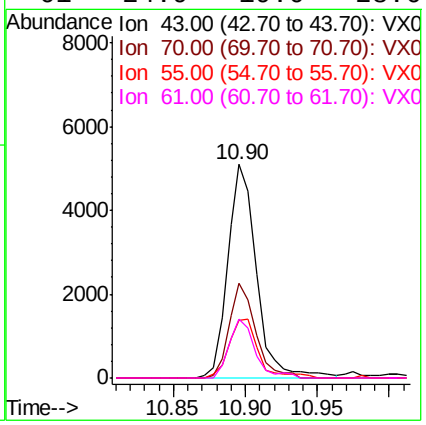


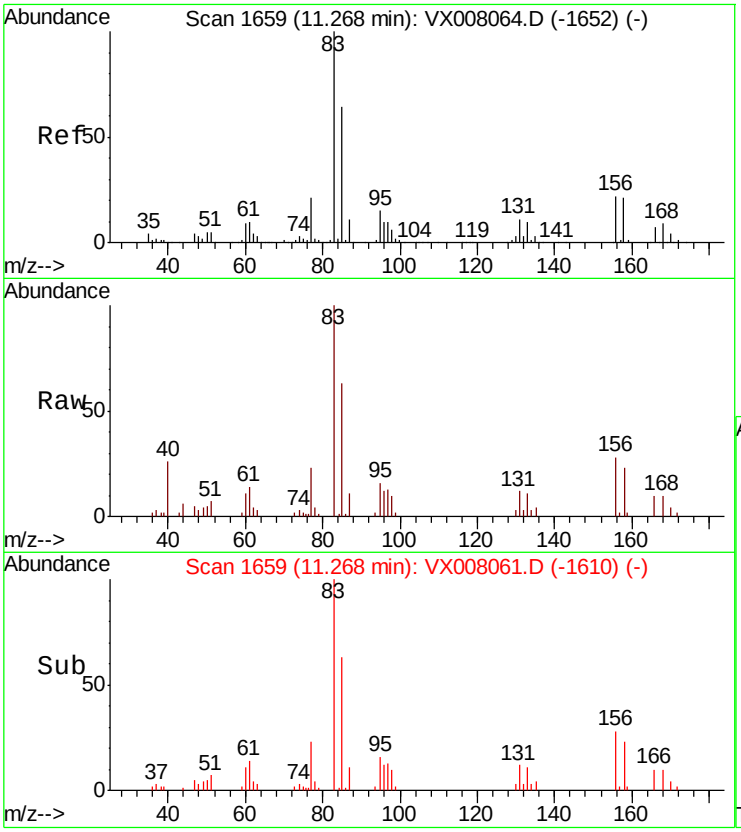




#74
N-amyl acetate
Concen: 0.922 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 43 Resp: 7132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 41.0 | 33.5 | 50.3 |
| 55 | 28.4 | 19.2 | 28.8 |
| 61 | 24.9 | 19.0 | 28.6 |



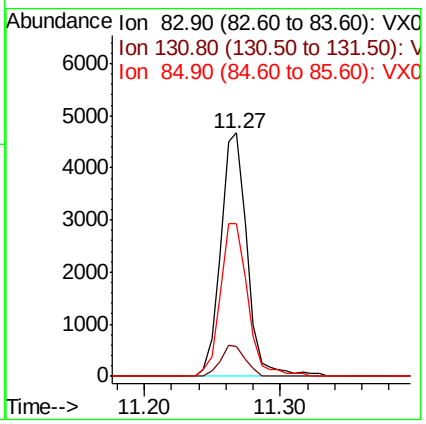


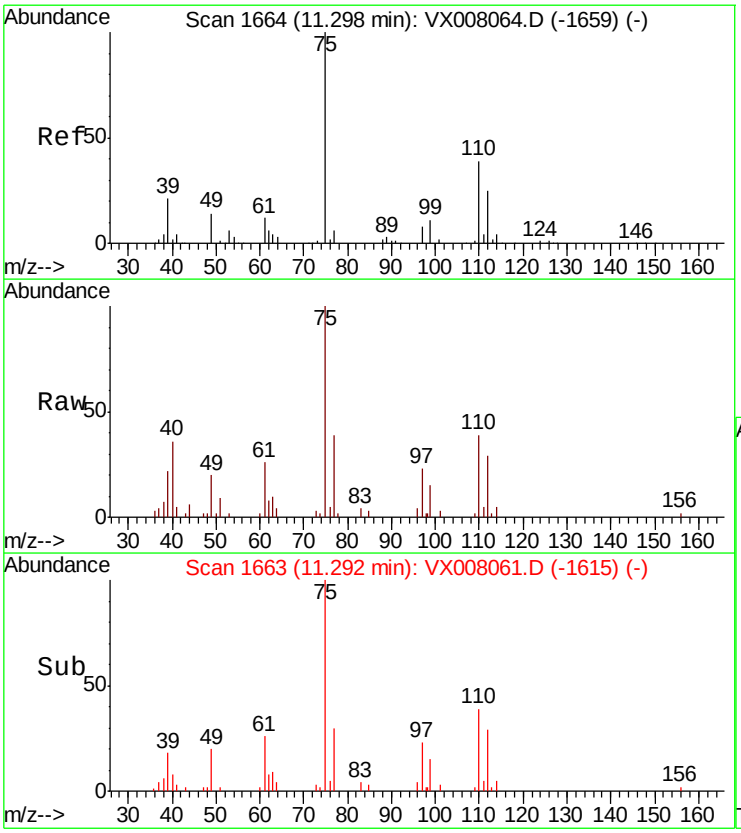

#75
1,1,2,2-Tetrachloroethane
Concen: 1.089 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 83 Resp: 6273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.7 | 5.4 | 16.2 |
| 85 | 65.4 | 32.3 | 96.8 |

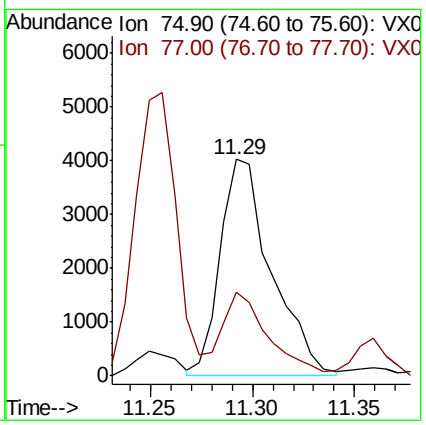


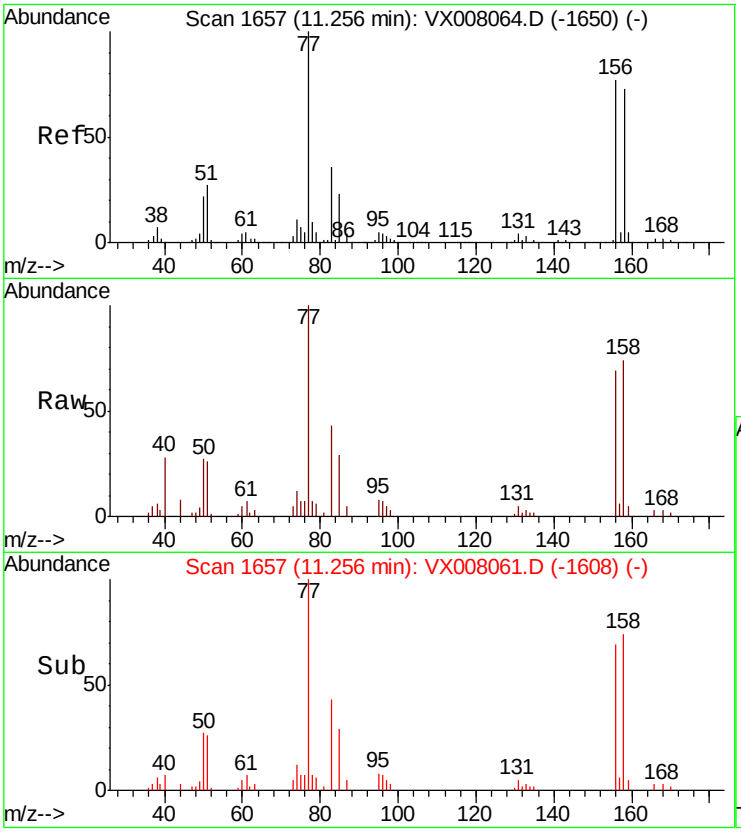




#76
1,2,3-Trichloropropane
Concen: 1.442 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 75 Resp: 7022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.4 | 18.9 | 56.7 |



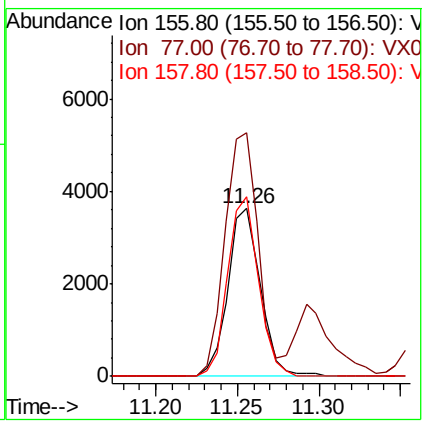


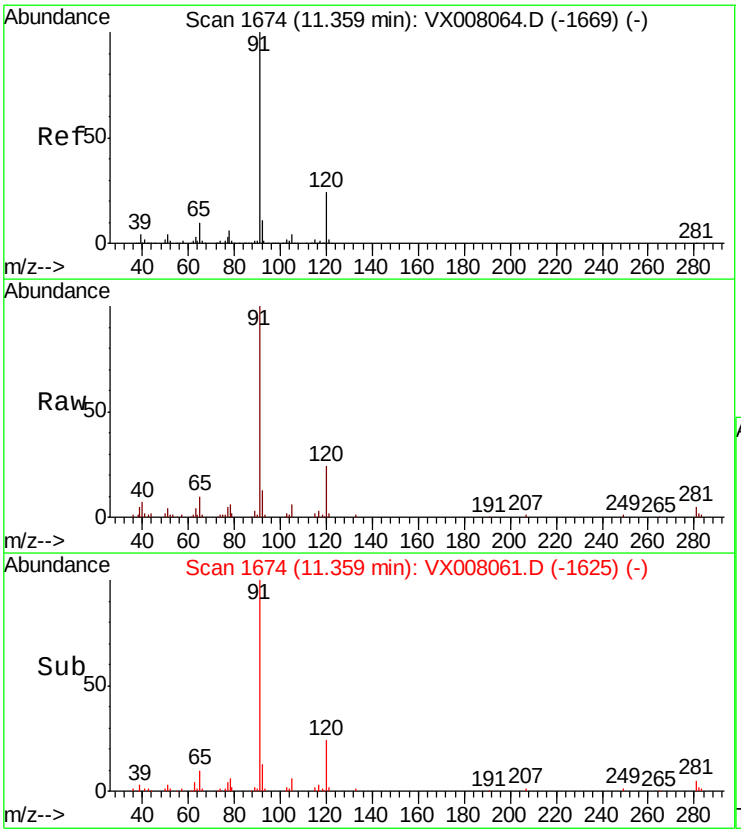

#77
Bromobenzene
Concen: 1.021 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:156 Resp: 5044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 146.4 | 72.0 | 215.9 |
| 158 | 100.9 | 48.6 | 145.9 |

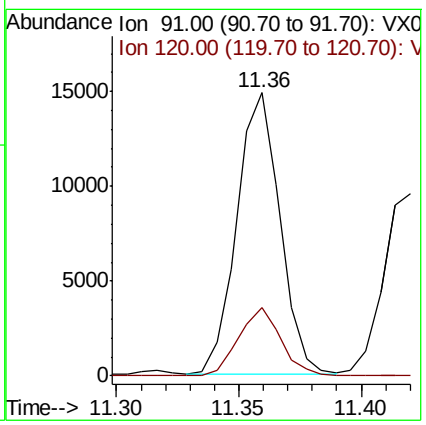


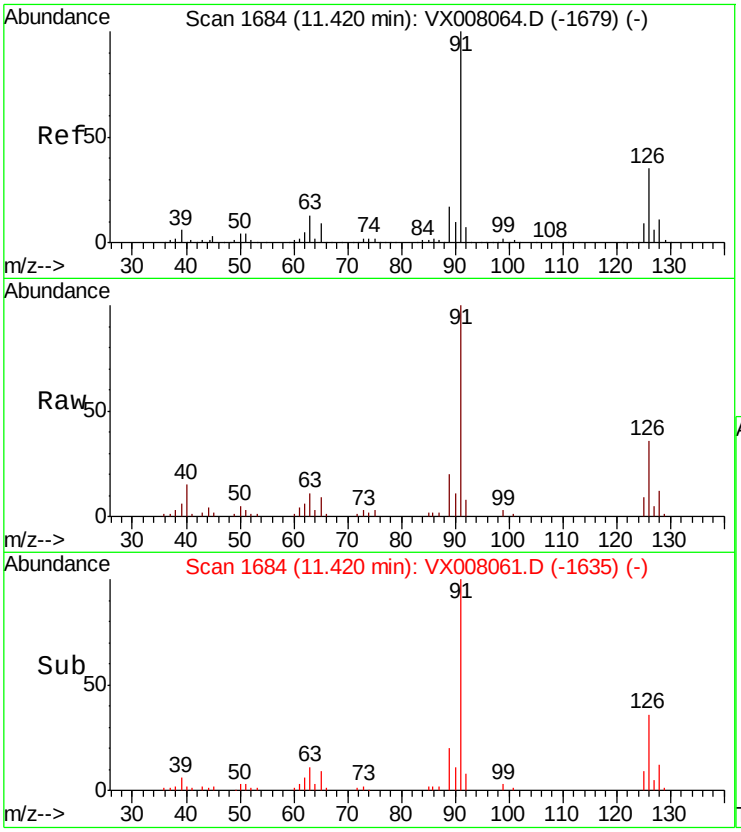




#78
n-propylbenzene
Concen: 0.878 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 91 Resp: 18136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.5 | 12.0 | 36.0 |



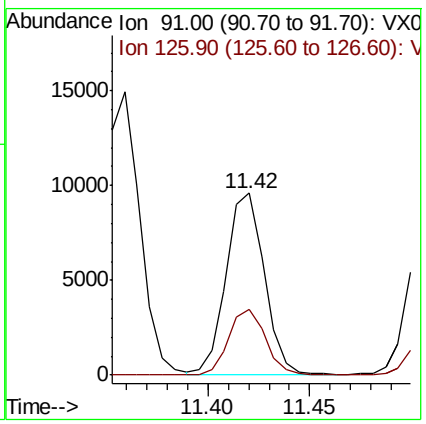


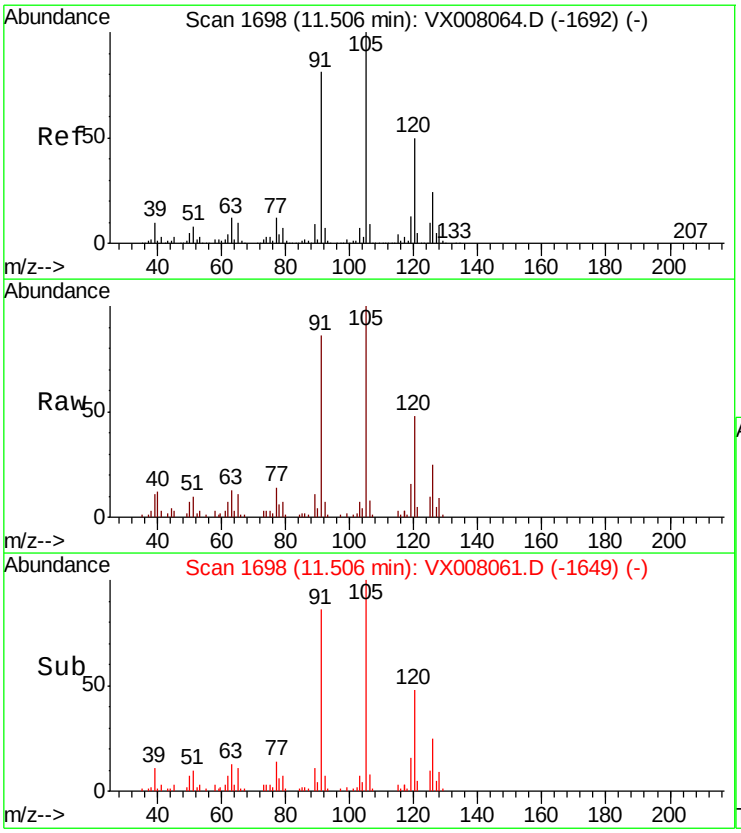

#79
2-Chlorotoluene
Concen: 1.008 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 91 Resp: 12305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.3 | 17.5 | 52.6 |

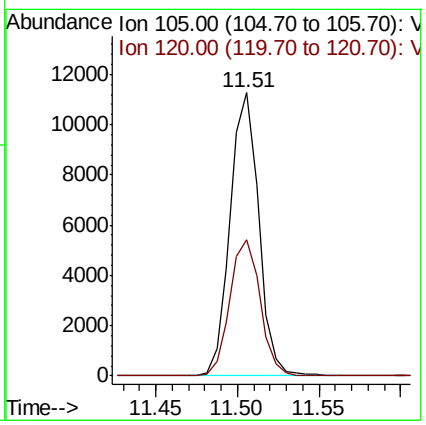


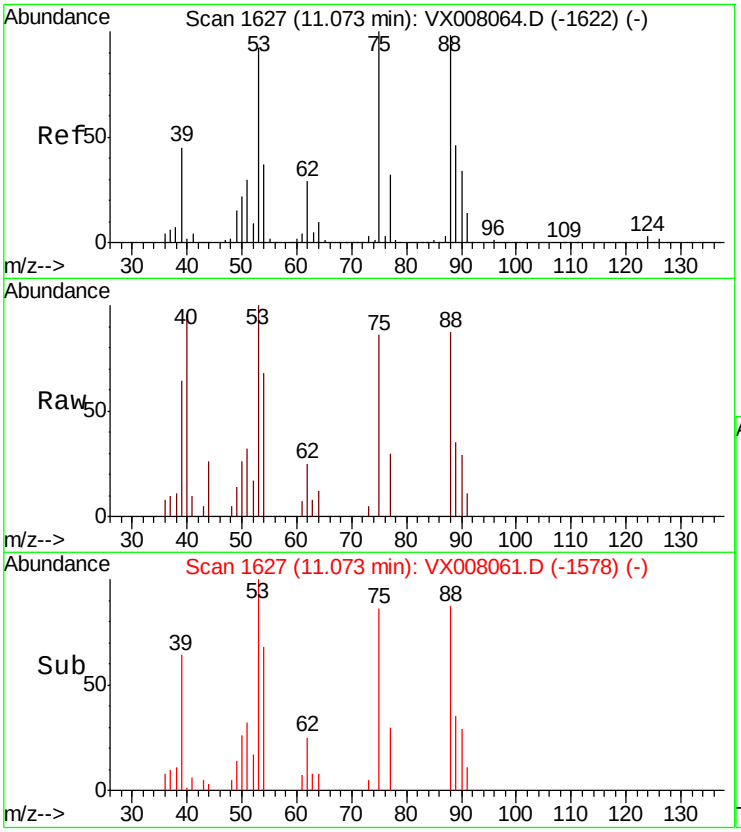




#80
1,3,5-Trimethylbenzene
Concen: 0.897 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:105 Resp: 13766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.5 | 24.9 | 74.6 |



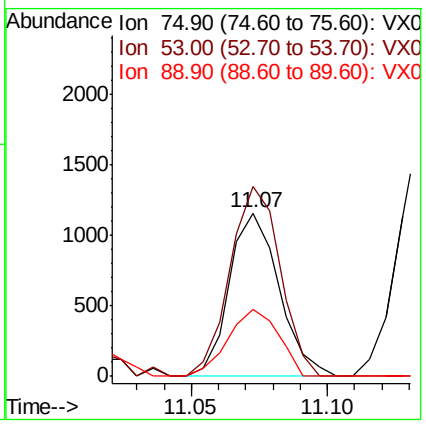


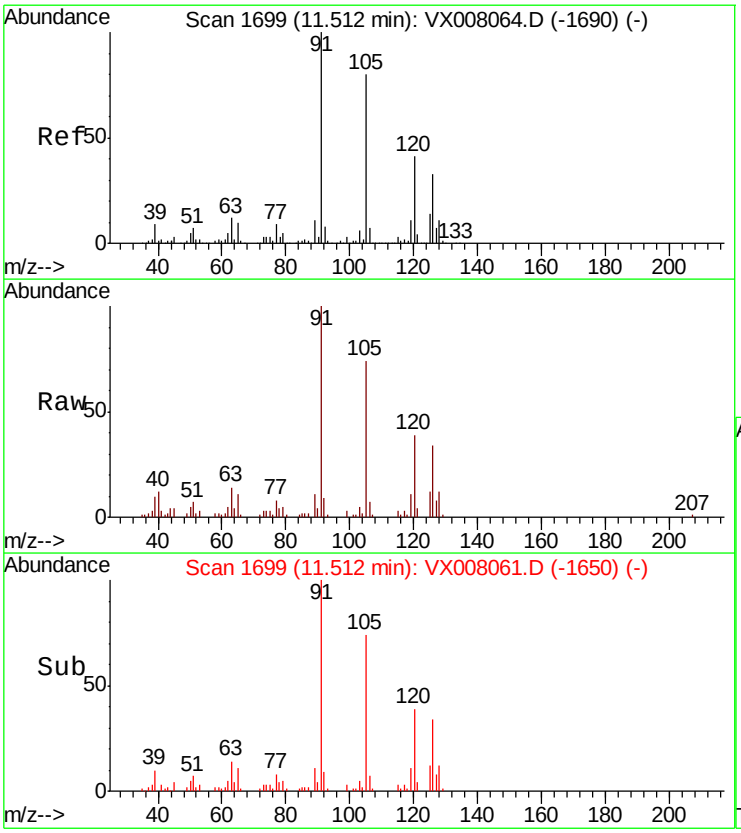

#81
trans-1,4-Dichloro-2-butene
Concen: 0.801 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 75 Resp: 1470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 117.6 | 76.1 | 114.1# |
| 89 | 41.6 | 36.3 | 54.5 |

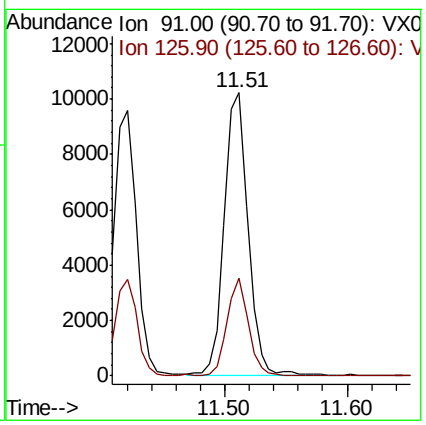


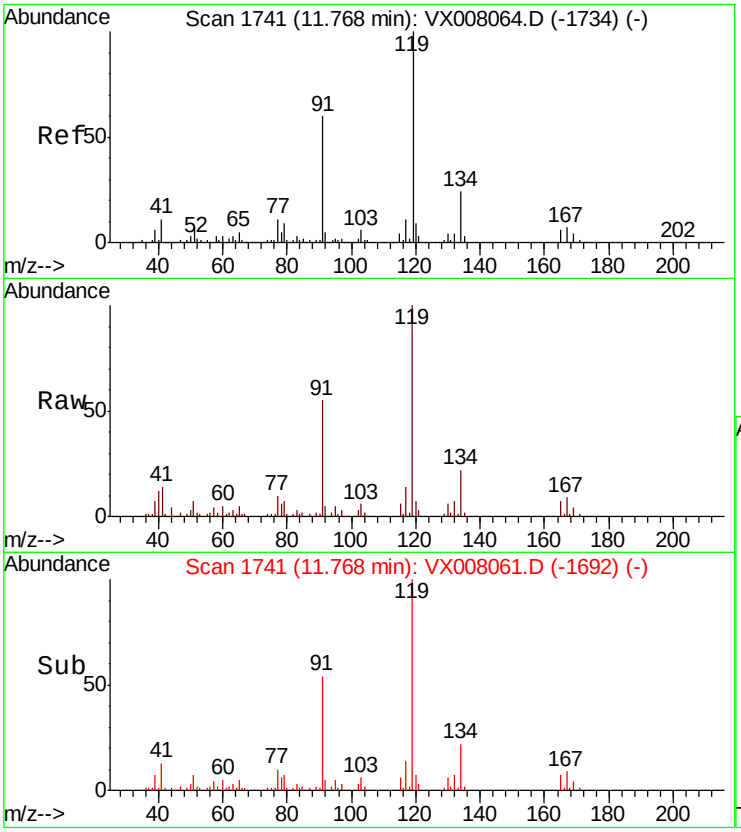




#82
4-Chlorotoluene
Concen: 0.992 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 91 Resp: 13806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.7 | 15.6 | 46.8 |



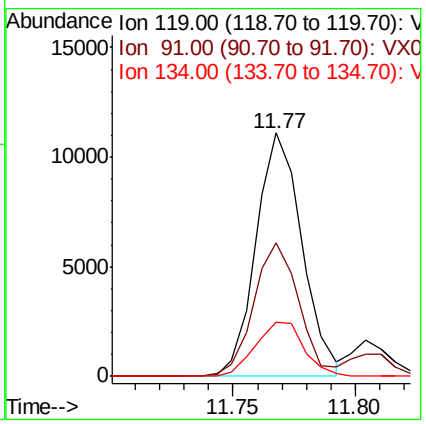


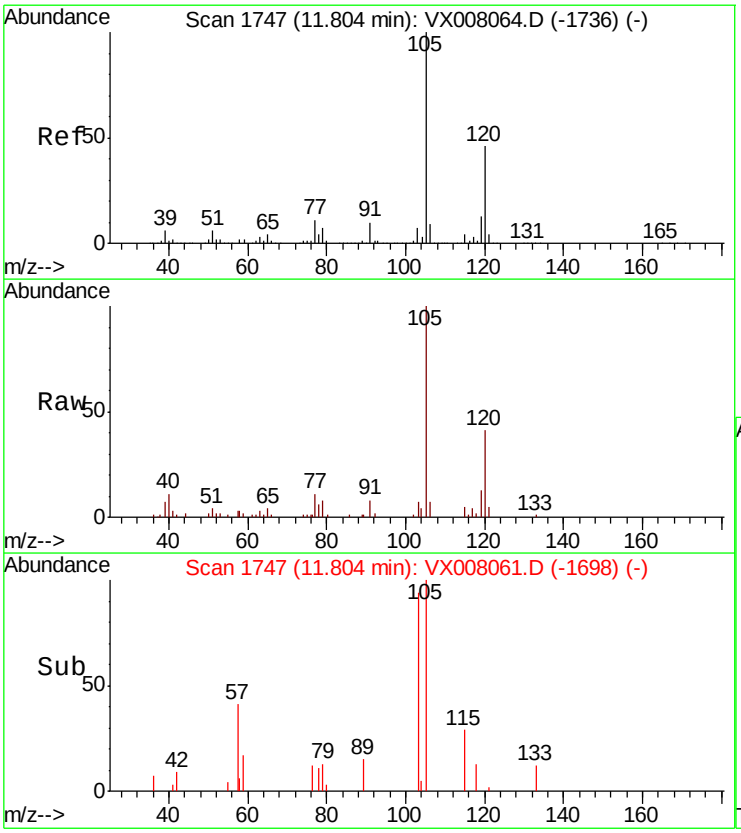

#83
tert-Butylbenzene
Concen: 0.965 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:119 Resp: 14512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 54.0 | 27.1 | 81.3 |
| 134 | 23.5 | 11.4 | 34.1 |

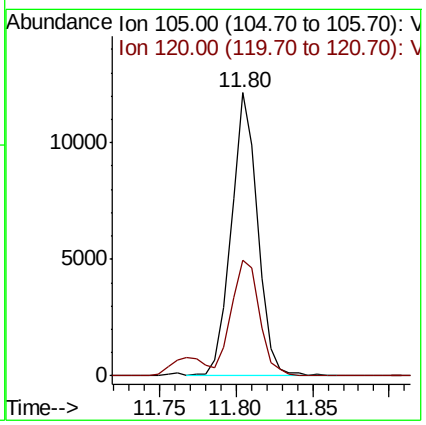


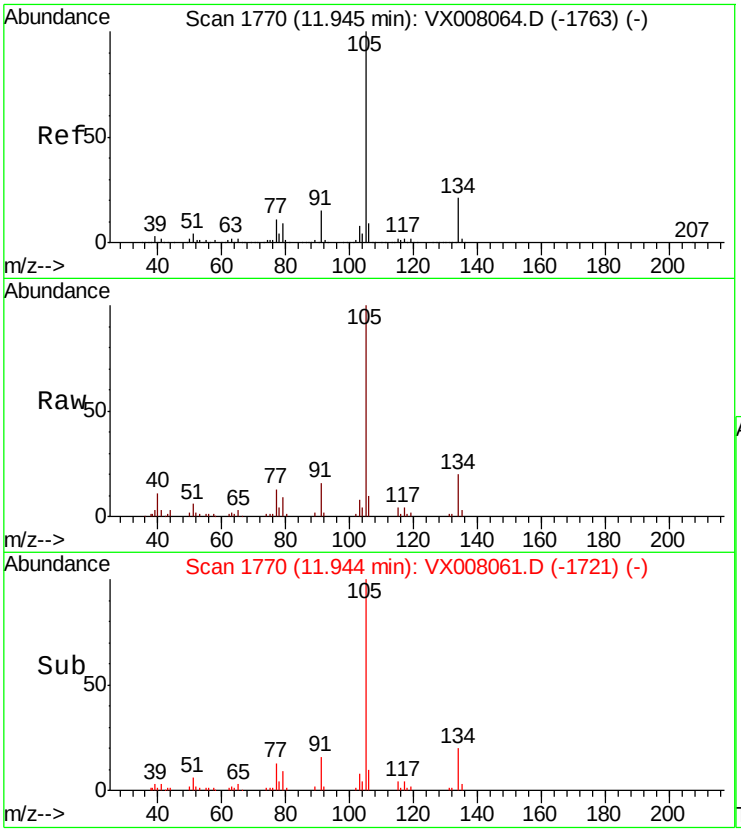




#84
1,2,4-Trimethylbenzene
Concen: 0.913 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:105 Resp: 14411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.6 | 22.6 | 67.7 |



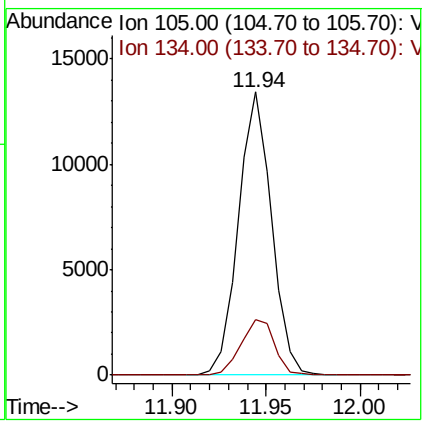


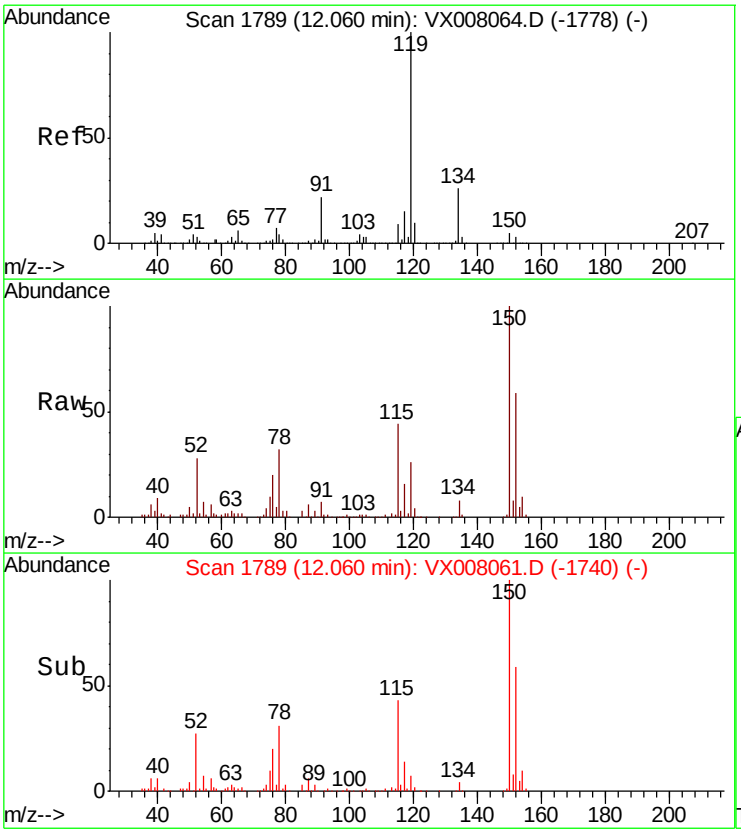

#85
sec-Butylbenzene
Concen: 0.886 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:105 Resp: 16299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.9 | 10.4 | 31.2 |

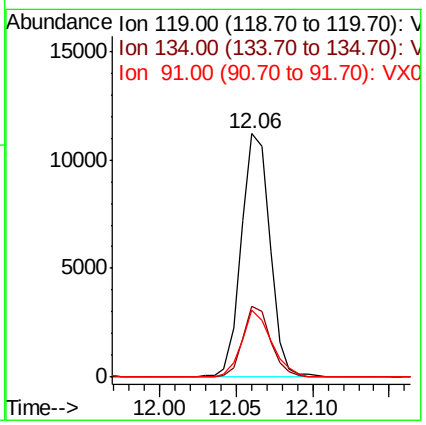


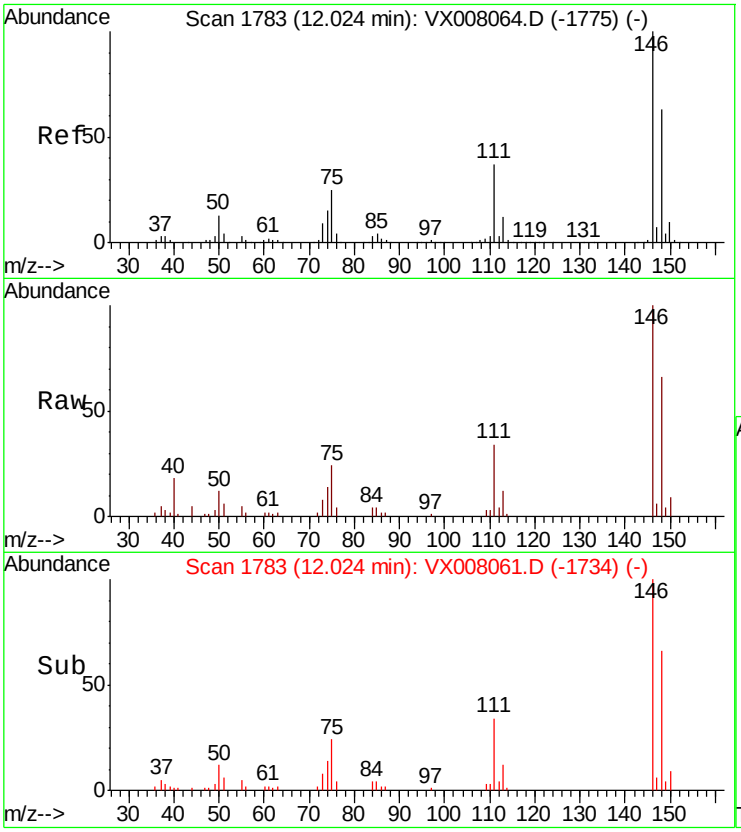




#86
p-Isopropyltoluene
Concen: 0.878 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:119 Resp: 14640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 28.0 | 13.3 | 39.9 |
| 91 | 28.2 | 10.9 | 32.7 |



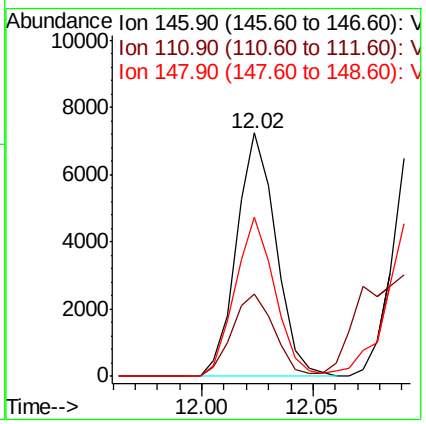


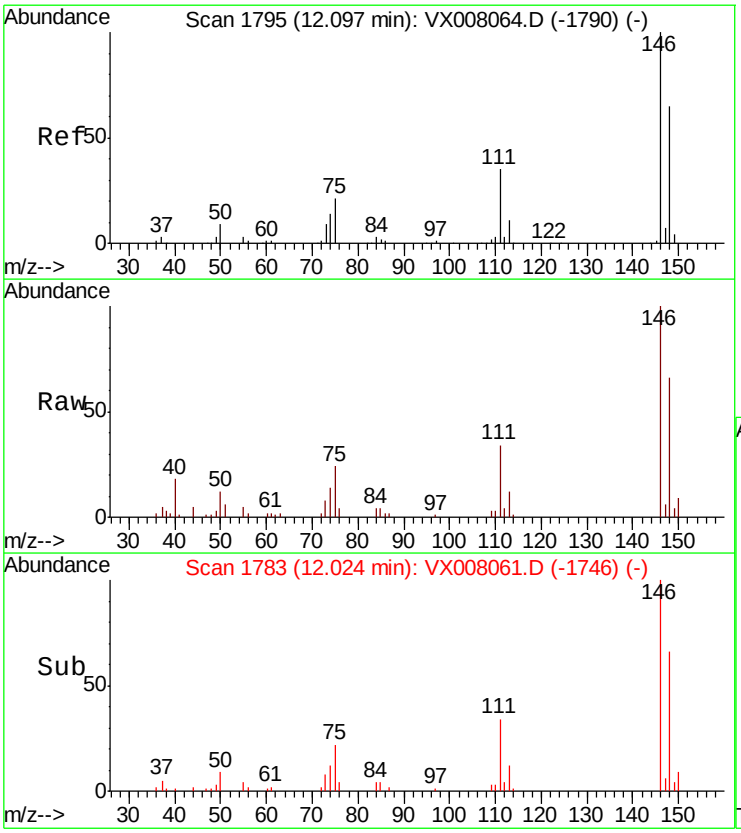

#87
1,3-Dichlorobenzene
Concen: 1.022 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:146 Resp: 8946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.2 | 18.9 | 56.7 |
| 148 | 66.4 | 31.7 | 95.1 |

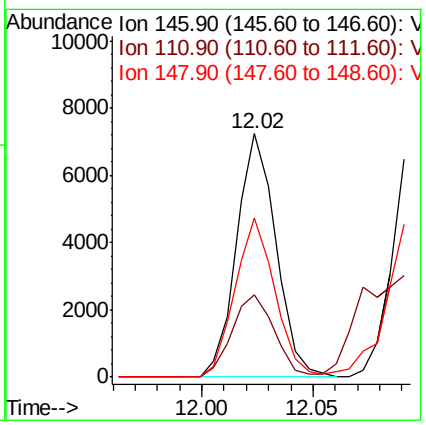


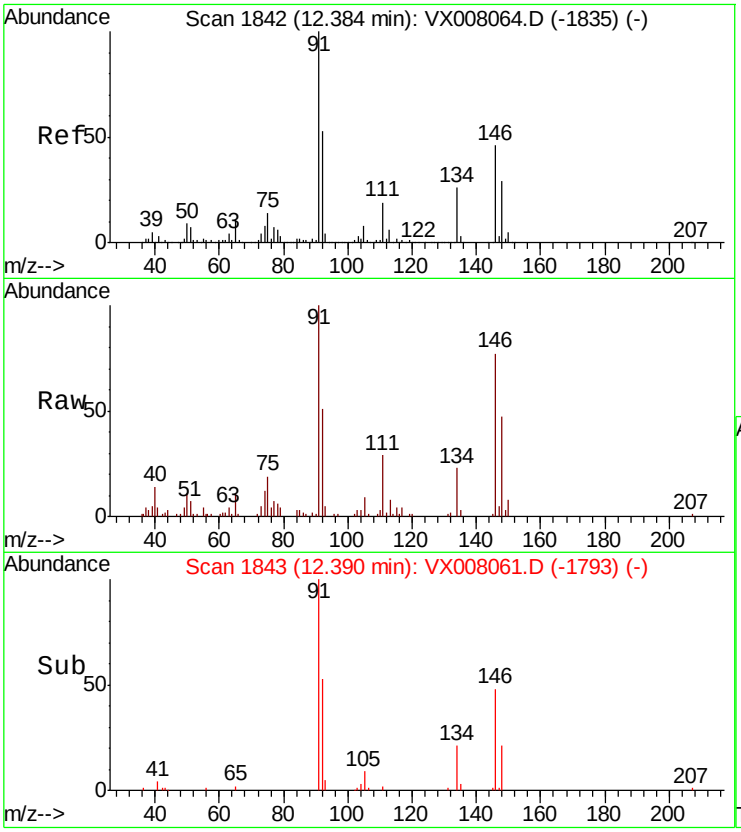




#88
1,4-Dichlorobenzene
Concen: 1.025 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.07 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:146 Resp: 8946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.2 | 18.4 | 55.0 |
| 148 | 66.4 | 32.2 | 96.6 |



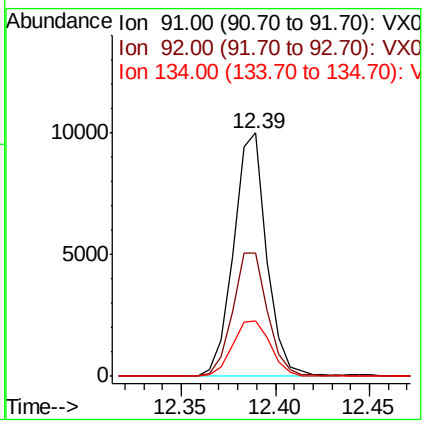


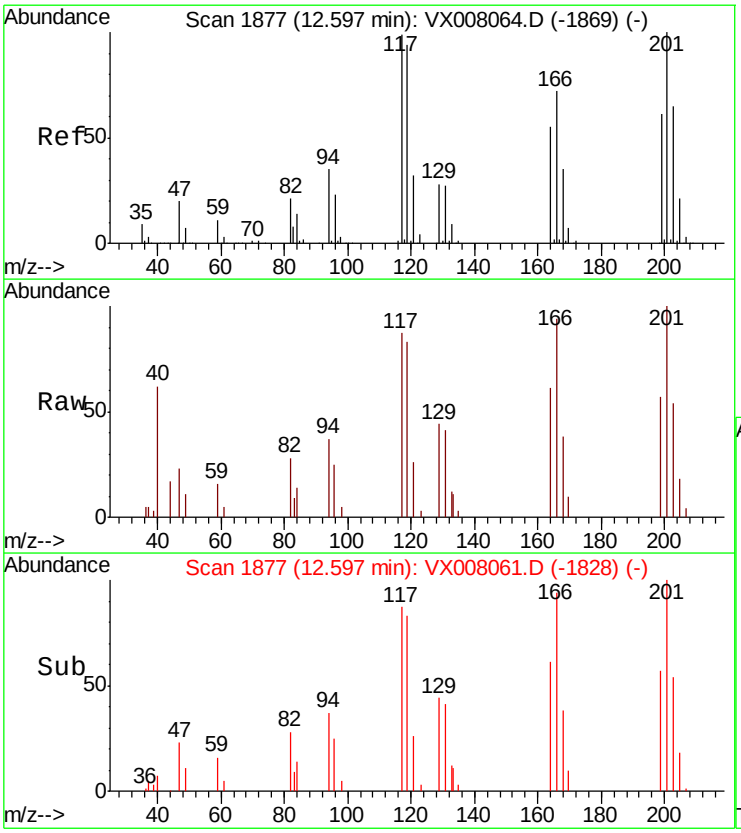

#89
n-Butylbenzene
Concen: 0.872 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion: 91 Resp: 12137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.8 | 27.0 | 80.8 |
| 134 | 26.0 | 13.7 | 41.0 |

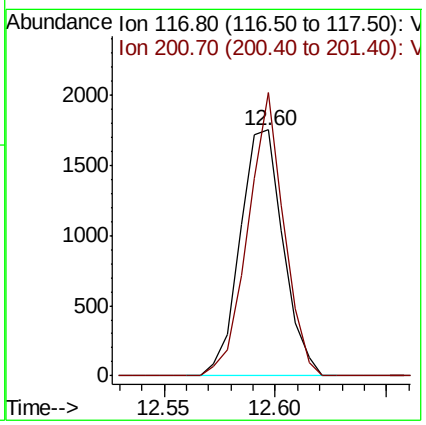


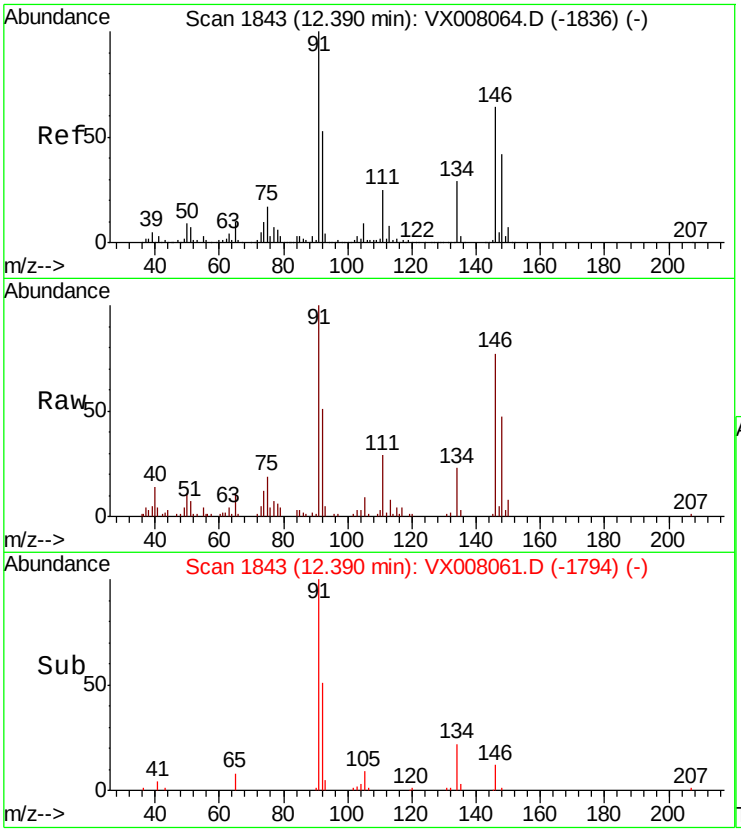




#90
Hexachloroethane
Concen: 0.883 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:117 Resp: 2366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 95.6 | 48.9 | 146.7 |



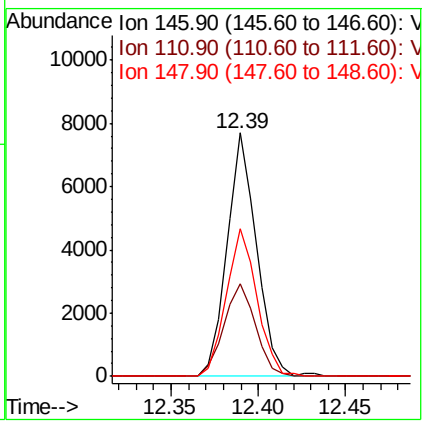


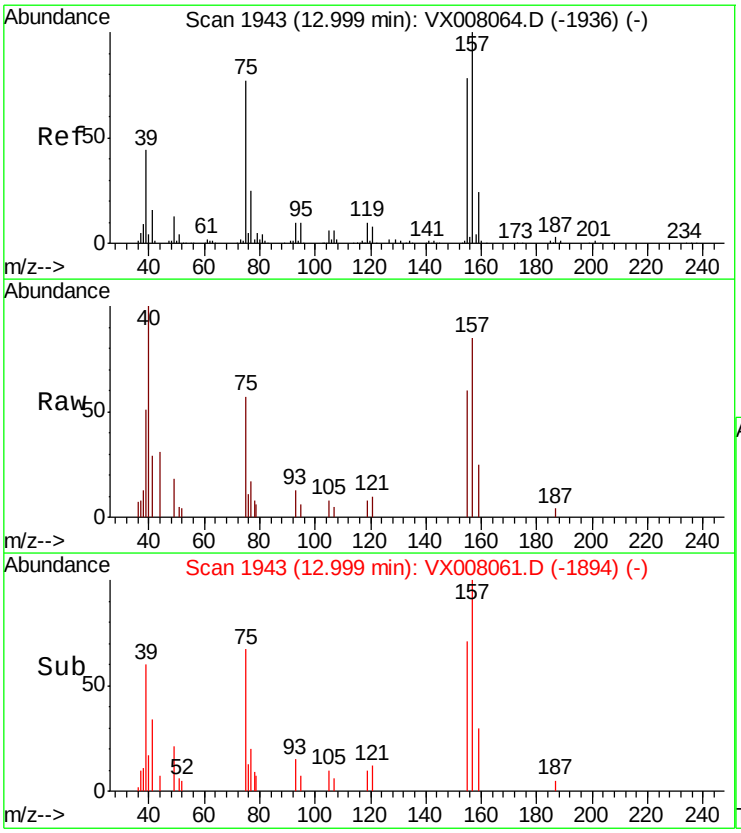

#91
1,2-Dichlorobenzene
Concen: 1.053 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:146 Resp: 9031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 19.6 | 58.8 |
| 148 | 63.1 | 31.9 | 95.5 |

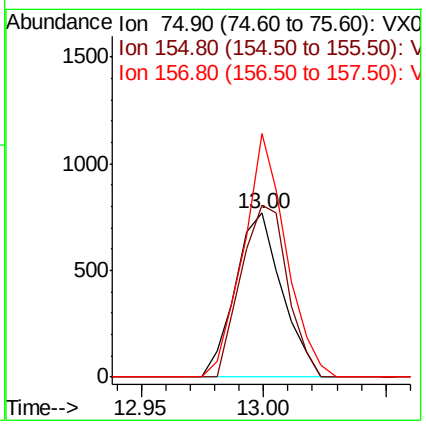


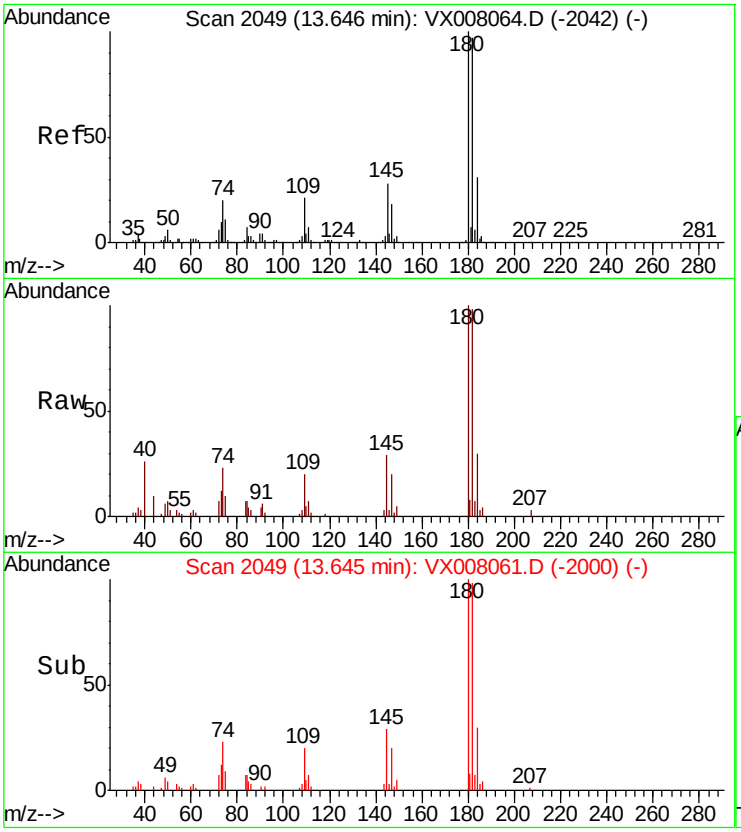




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.799 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion: 75 Resp: 1017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 104.7 | 49.7 | 149.1 |
| 157 | 136.0 | 63.8 | 191.4 |



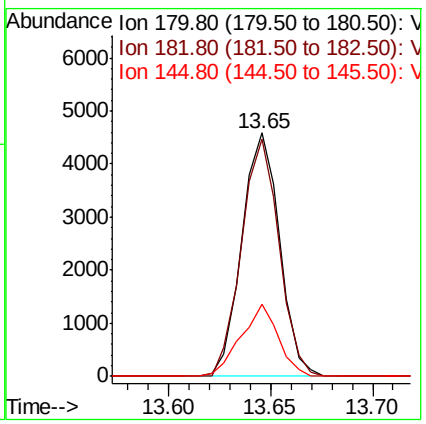


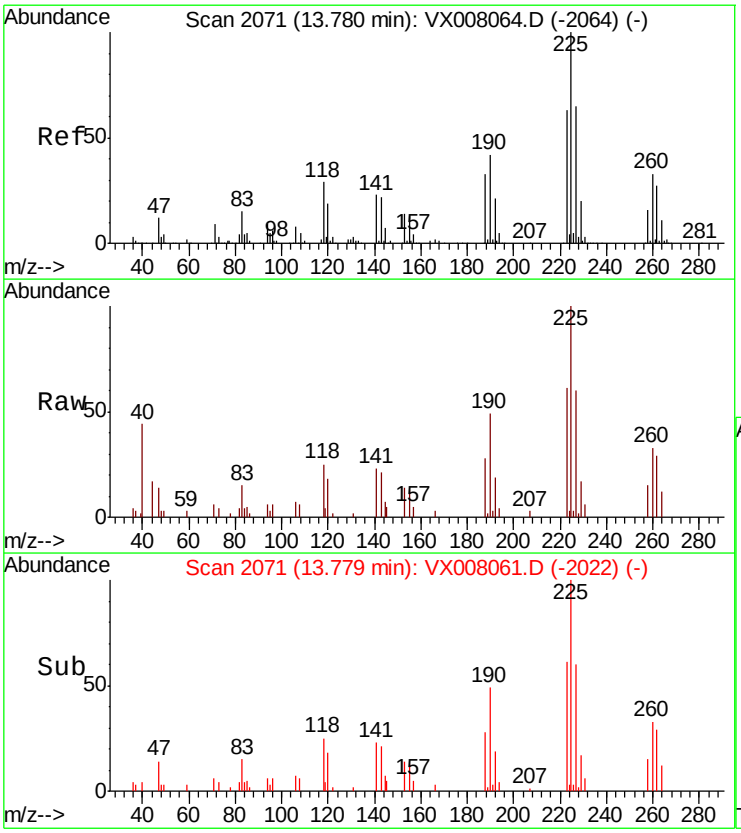

#93
1,2,4-Trichlorobenzene
Concen: 0.957 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:180 Resp: 5899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.0 | 47.9 | 143.7 |
| 145 | 29.1 | 14.1 | 42.4 |

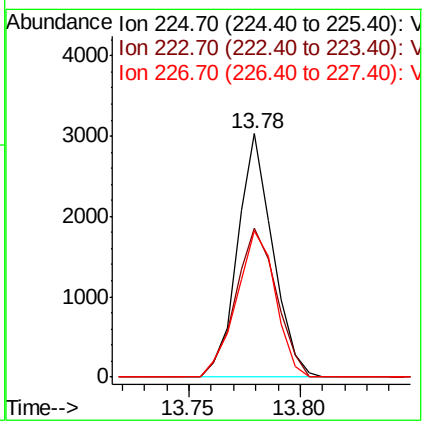


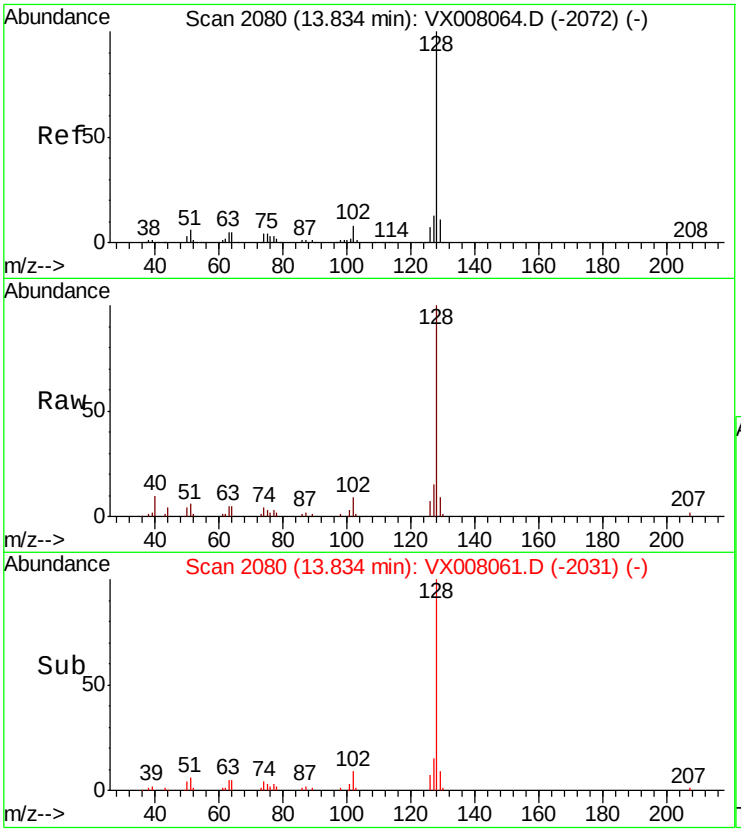




#94
Hexachlorobutadiene
Concen: 0.997 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:225 Resp: 3352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 70.9 | 31.1 | 93.2 |
| 227 | 66.2 | 32.0 | 96.0 |



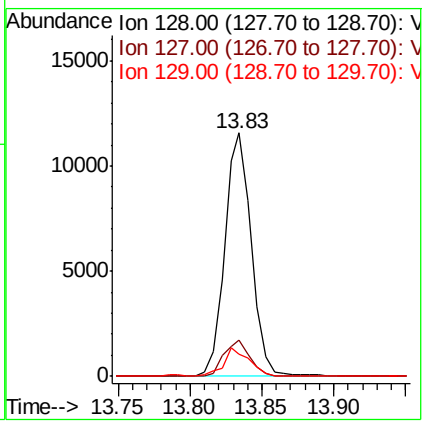


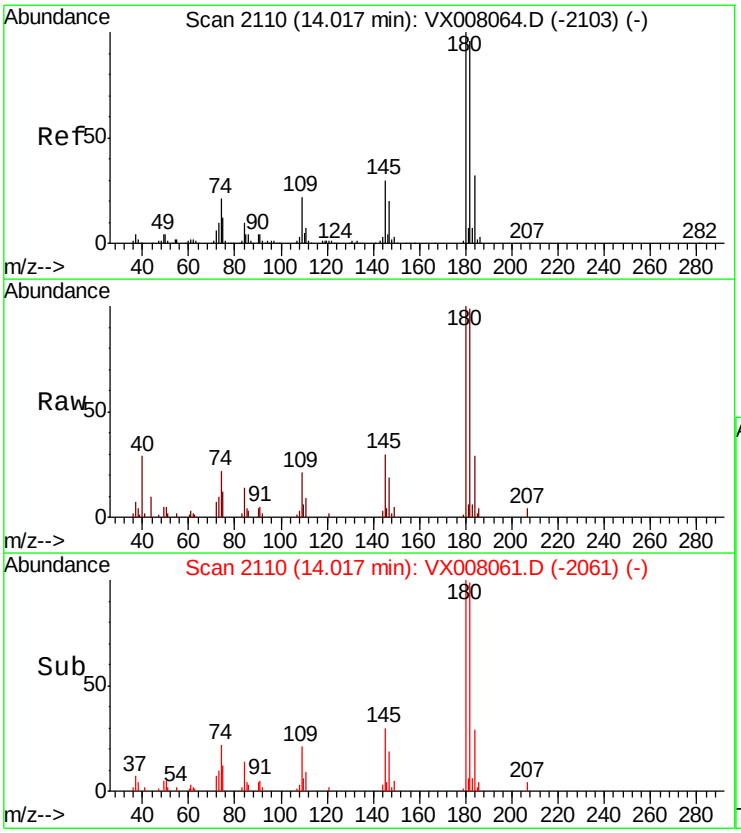

#95
Naphthalene
Concen: 0.823 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

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

Tgt Ion:128 Resp: 15006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 14.4 | 10.3 | 15.5 |
| 129 | 11.2 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 0.920 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008061.D
Acq: 14 Mar 2019 09:39

Tgt Ion:180 Resp: 5652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.3 | 47.5 | 142.5 |
| 145 | 31.5 | 14.8 | 44.3 |