Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
Data File : VX007895.D
Acq On : 07 Mar 2019 20:18
Operator : JC/SP
Sample : K1783-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SW-2MSD

Quant Time: Mar 08 04:46:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 264421 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 390192 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 341107 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 171024 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 147720 | 52.96 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.92% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 130927 | 52.46 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.92% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 481467 | 52.53 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.06% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 168149 | 52.32 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.64% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 108928 | 48.218 | ug/l | 100 |
| 3) Chloromethane | 1.33 | 50 | 138688 | 47.638 | ug/l | 99 |
| 4) Vinyl Chloride | 1.41 | 62 | 145184 | 50.190 | ug/l | 99 |
| 5) Bromomethane | 1.64 | 94 | 68983 | 50.835 | ug/l | 99 |
| 6) Chloroethane | 1.72 | 64 | 103585 | 53.903 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 188820 | 50.135 | ug/l | 98 |
| 8) Diethyl Ether | 2.19 | 74 | 83057 | 50.927 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 114008 | 48.849 | ug/l | 100 |
| 10) Methyl Iodide | 2.51 | 142 | 176357 | 53.264 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.07 | 59 | 154709 | 248.010 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 112538 | 50.023 | ug/l | 100 |
| 13) Acrolein | 2.30 | 56 | 64473 | 183.051 | ug/l | 97 |
| 14) Allyl chloride | 2.73 | 41 | 234660 | 49.639 | ug/l | 99 |
| 15) Acrylonitrile | 3.15 | 53 | 386966 | 245.765 | ug/l | 100 |
| 16) Acetone | 2.45 | 43 | 316988 | 196.336 | ug/l | 99 |
| 17) Carbon Disulfide | 2.57 | 76 | 352276 | 51.578 | ug/l | 100 |
| 18) Methyl Acetate | 2.78 | 43 | 160725 | 46.859 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.21 | 73 | 394903 | 51.024 | ug/l | 100 |
| 20) Methylene Chloride | 2.86 | 84 | 124947 | 48.627 | ug/l | 99 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 120088 | 48.512 | ug/l | 99 |
| 22) Diisopropyl ether | 3.87 | 45 | 433846 | 50.064 | ug/l | 98 |
| 23) Vinyl Acetate | 3.82 | 43 | 1729417 | 227.578 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 234551 | 50.295 | ug/l | 100 |
| 25) 2-Butanone | 4.70 | 43 | 530157 | 231.941 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 4.59 | 77 | 137558 | 44.523 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 139564 | 49.270 | ug/l | 99 |
| 28) Bromochloromethane | 5.02 | 49 | 108506 | 49.908 | ug/l | 100 |
| 29) Tetrahydrofuran | 5.15 | 42 | 355642 | 249.439 | ug/l | 100 |
| 30) Chloroform | 5.21 | 83 | 222513 | 50.441 | ug/l | 98 |
| 31) Cyclohexane | 5.57 | 56 | 215541 | 50.289 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 187798 | 51.309 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 169667 | 48.022 | ug/l | 99 |
| 37) Ethyl Acetate | 4.85 | 43 | 183746 | 43.825 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 169554 | 50.549 | ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
Data File : VX007895.D
Acq On : 07 Mar 2019 20:18
Operator : JC/SP
Sample : K1783-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SW-2MSD

Quant Time: Mar 08 04:46:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 210539 | 49.178 | ug/l | | 97 |
| 40) Benzene | 6.14 | 78 | 521802 | 49.609 | ug/l | | 100 |
| 41) Methacrylonitrile | 5.06 | 41 | 113763 | 49.768 | ug/l | | 100 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 170067 | 49.441 | ug/l | | 100 |
| 43) Isopropyl Acetate | 6.46 | 43 | 297540 | 47.951 | ug/l | | 100 |
| 44) Trichloroethene | 7.21 | 130 | 140290 | 48.399 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 7.52 | 63 | 139312 | 50.147 | ug/l | | 99 |
| 46) Dibromomethane | 7.66 | 93 | 87695 | 49.880 | ug/l | | 100 |
| 47) Bromodichloromethane | 7.90 | 83 | 170316 | 51.096 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.77 | 41 | 163180 | 50.019 | ug/l | | 100 |
| 49) 1,4-Dioxane | 7.75 | 88 | 64805 | 967.002 | ug/l | | 99 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 1000539 | 250.730 | ug/l | | 100 |
| 52) Toluene | 8.79 | 92 | 319712 | 49.787 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 180918 | 52.002 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 200066 | 50.923 | ug/l | | 100 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 130577 | 50.231 | ug/l | | 99 |
| 56) Ethyl methacrylate | 9.18 | 69 | 203358 | 52.102 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 220485 | 50.514 | ug/l | | 100 |
| 59) 2-Hexanone | 9.49 | 43 | 746853 | 241.064 | ug/l | | 100 |
| 60) Dibromochloromethane | 9.59 | 129 | 142511 | 52.449 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 137993 | 49.998 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.34 | 164 | 130181 | 46.054 | ug/l | | 98 |
| 65) Chlorobenzene | 10.14 | 112 | 347403 | 48.670 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 130302 | 50.934 | ug/l | | 99 |
| 67) Ethyl Benzene | 10.25 | 91 | 588340 | 50.073 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.36 | 106 | 456117 | 100.711 | ug/l | | 100 |
| 69) o-Xylene | 10.70 | 106 | 220053 | 50.327 | ug/l | | 100 |
| 70) Styrene | 10.71 | 104 | 362667 | 50.687 | ug/l | | 100 |
| 71) Bromoform | 10.85 | 173 | 113596 | 51.707 | ug/l | # | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 588823 | 50.907 | ug/l | | 100 |
| 74) N-amyl acetate | 10.90 | 43 | 241000 | 45.640 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 193863 | 48.590 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 221796 | 61.802 | ug/l | | 91 |
| 77) Bromobenzene | 11.26 | 156 | 154977 | 48.871 | ug/l | | 100 |
| 78) n-propylbenzene | 11.36 | 91 | 654801 | 51.029 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 387510 | 49.392 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 483120 | 50.748 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 56850 | 50.636 | ug/l | | 99 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 449094 | 49.949 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.77 | 119 | 497710 | 51.902 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 496893 | 50.916 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.94 | 105 | 580758 | 51.422 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 521851 | 51.594 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 273957 | 48.832 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 275658 | 47.979 | ug/l | | 100 |
| 89) n-Butylbenzene | 12.38 | 91 | 437022 | 50.999 | ug/l | | 99 |
| 90) Hexachloroethane | 12.60 | 117 | 88078 | 52.083 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 270703 | 48.571 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 41248 | 49.468 | ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 191953 | 49.027 | ug/l | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
Data File : VX007895.D
Acq On : 07 Mar 2019 20:18
Operator : JC/SP
Sample : K1783-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SW-2MSD

Quant Time: Mar 08 04:46:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 94) Hexachlorobutadiene | 13.78 | 225 | 100559 | 49.125 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 572177 | 50.720 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 192731 | 49.415 | ug/l | 100 |

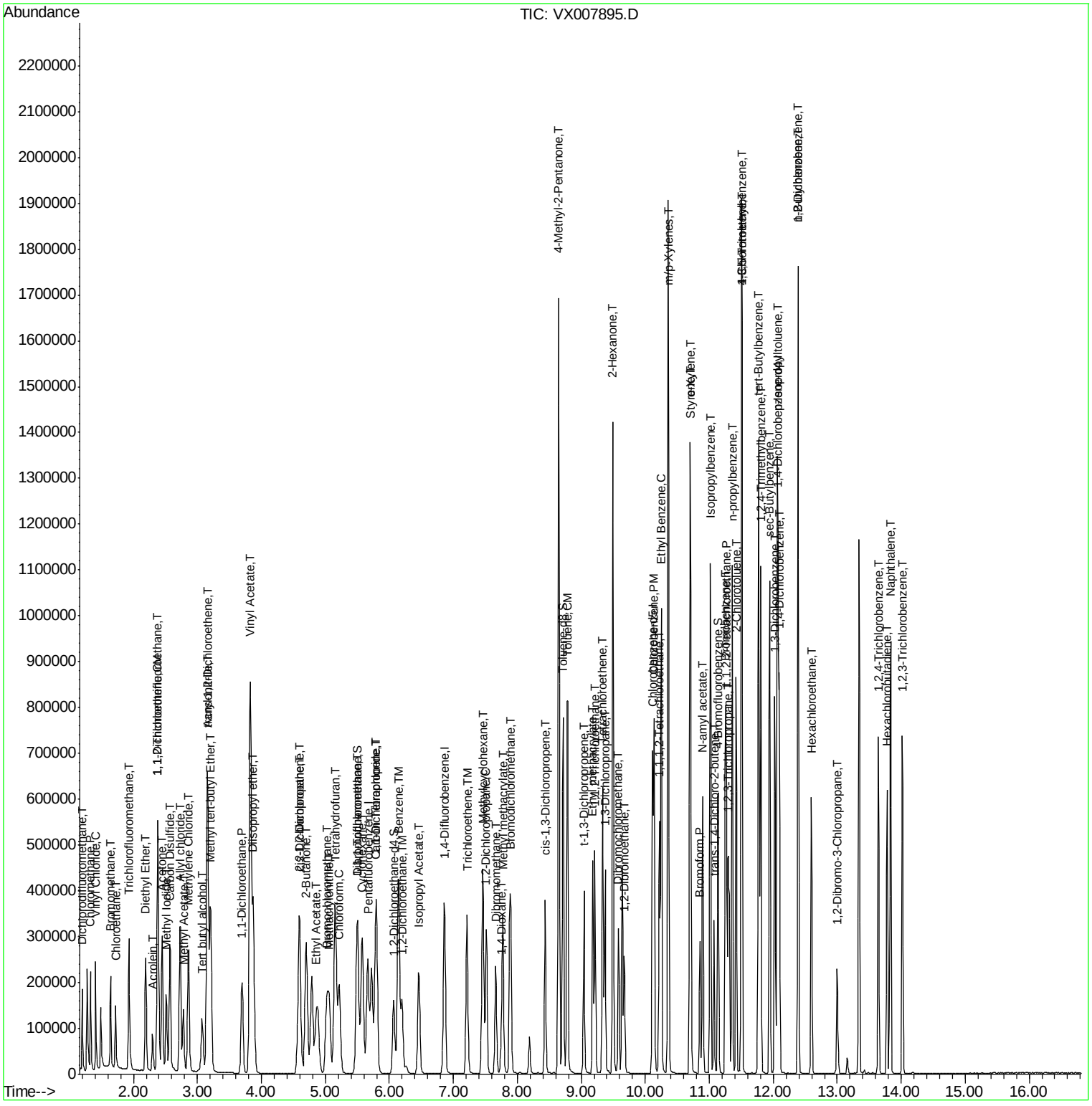
(#) = qualifier out of range (m) = manual integration (+) = signals summed

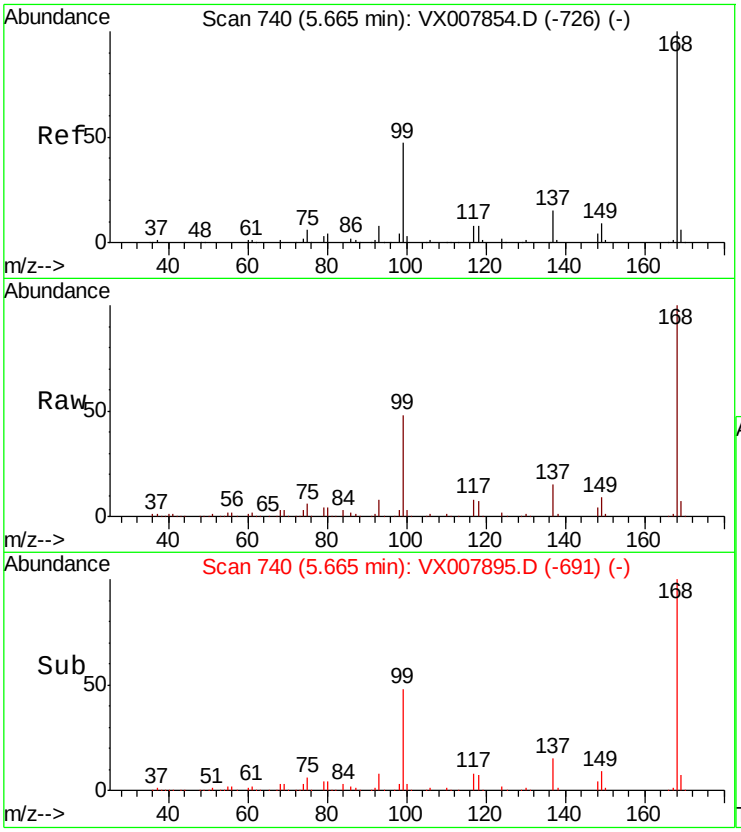
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
Data File : VX007895.D
Acq On : 07 Mar 2019 20:18
Operator : JC/SP
Sample : K1783-06MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Quant Time: Mar 08 04:46:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration



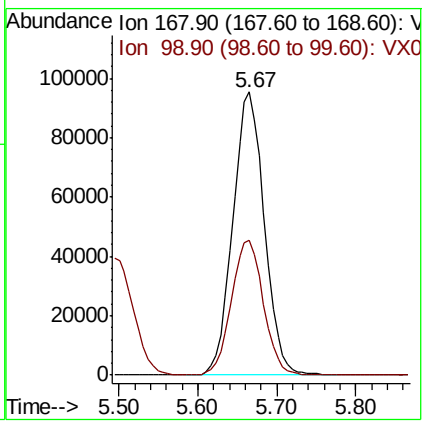


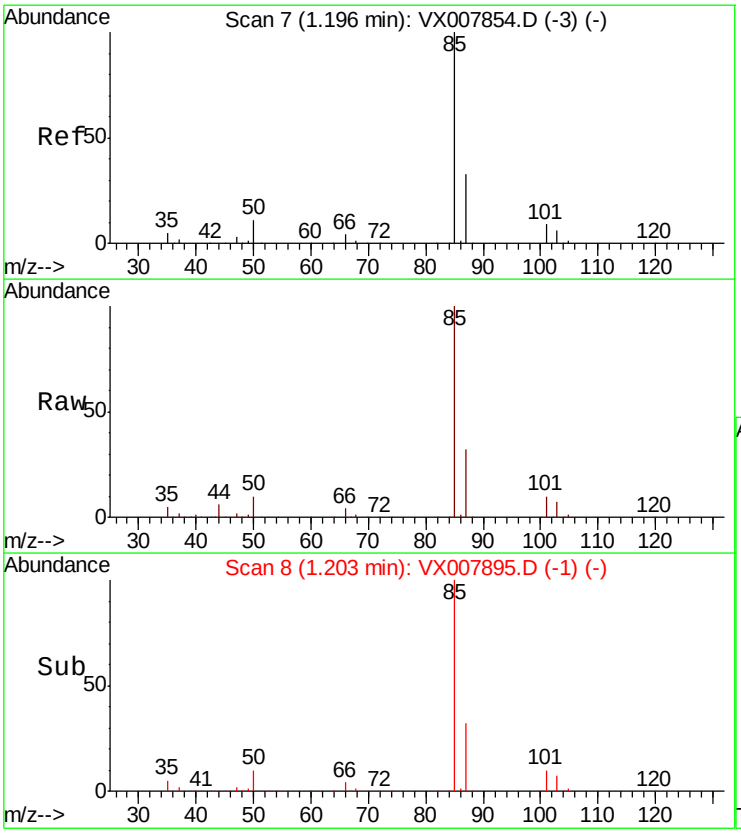

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:168 Resp: 264421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.7 | 37.6 | 56.4 |

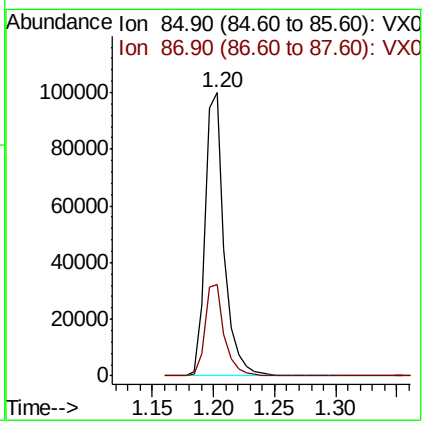


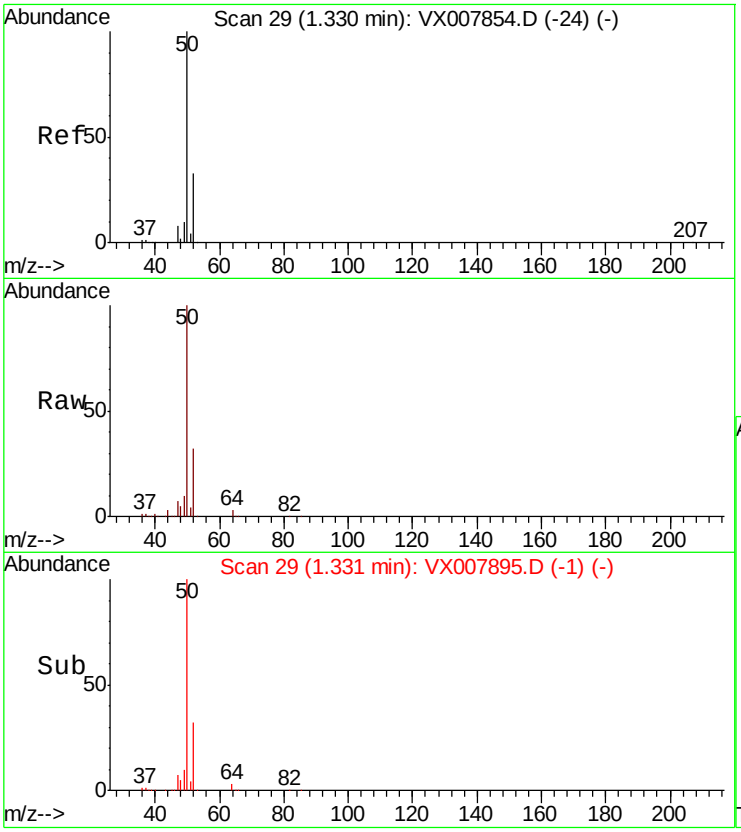




#2
Dichlorodifluoromethane
Concen: 48.218 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 85 Resp: 108928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.5 | 16.4 | 49.1 |



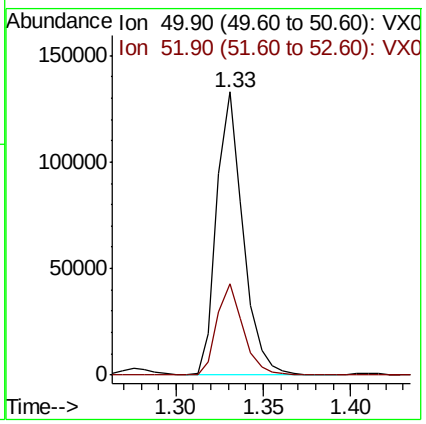


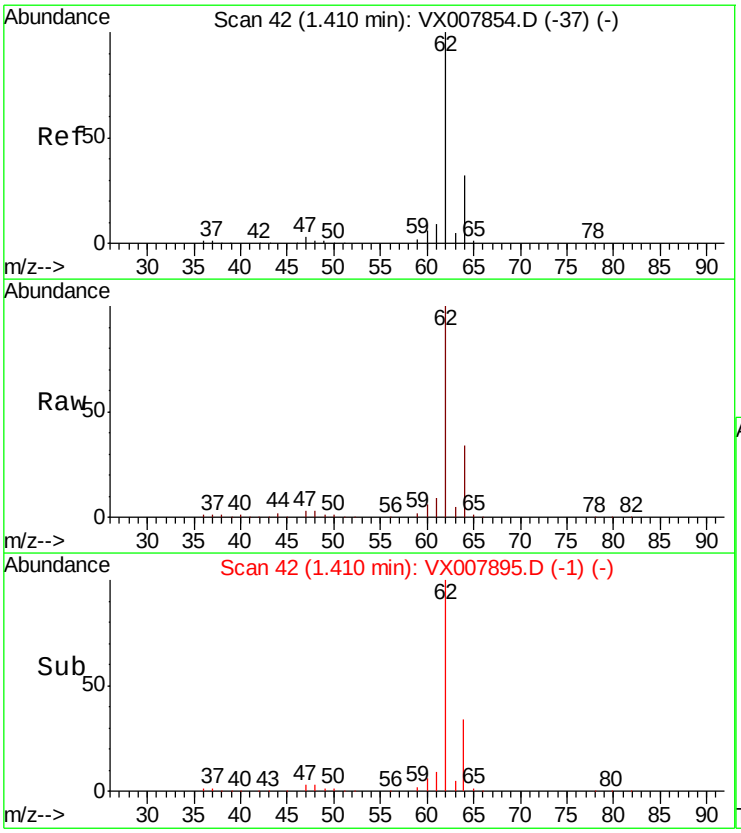

#3
Chloromethane
Concen: 47.638 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 50 Resp: 138688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.3 | 26.5 | 39.7 |

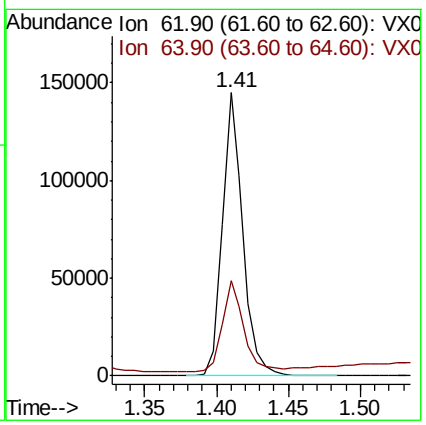


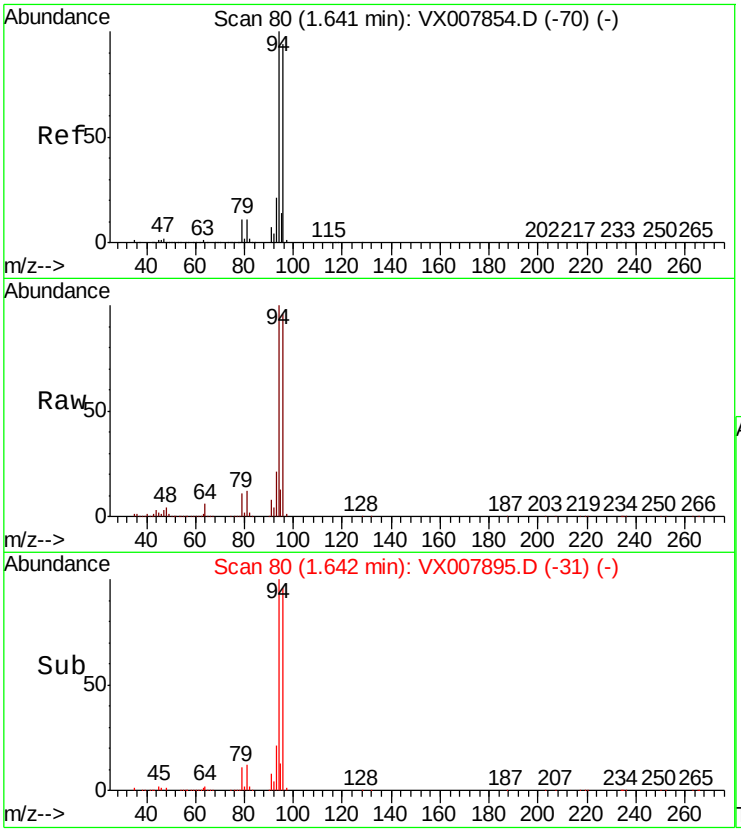




#4
Vinyl Chloride
Concen: 50.190 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 62 Resp: 145184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.2 | 25.3 | 37.9 |



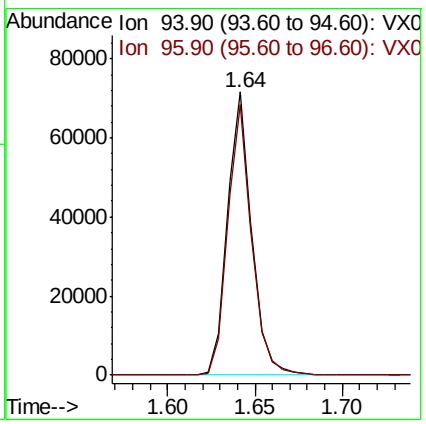


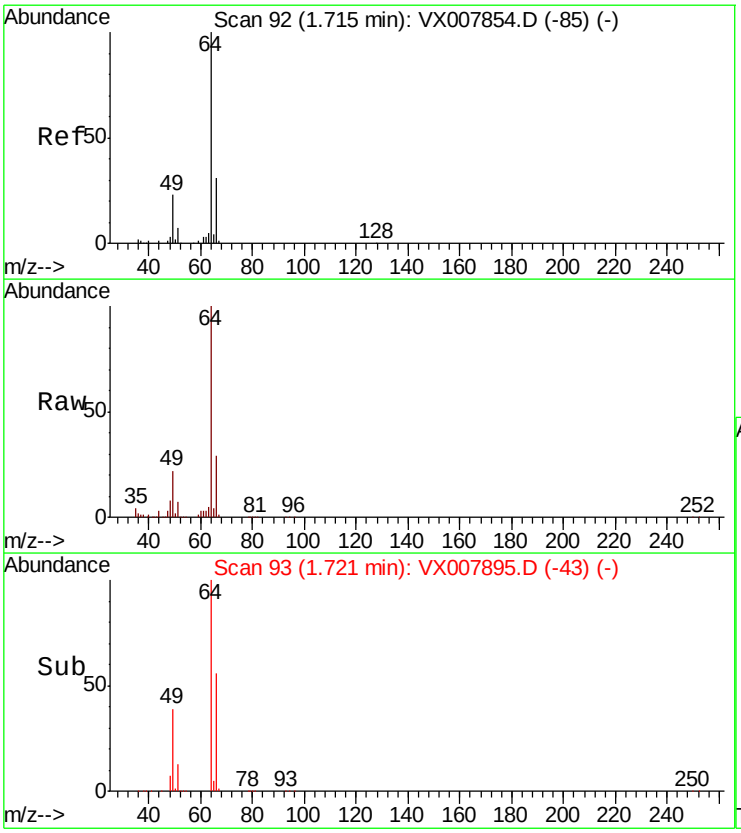

#5
Bromomethane
Concen: 50.835 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 94 Resp: 68983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.8 | 75.5 | 113.3 |

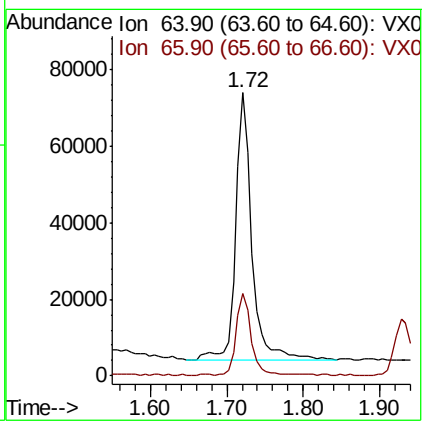


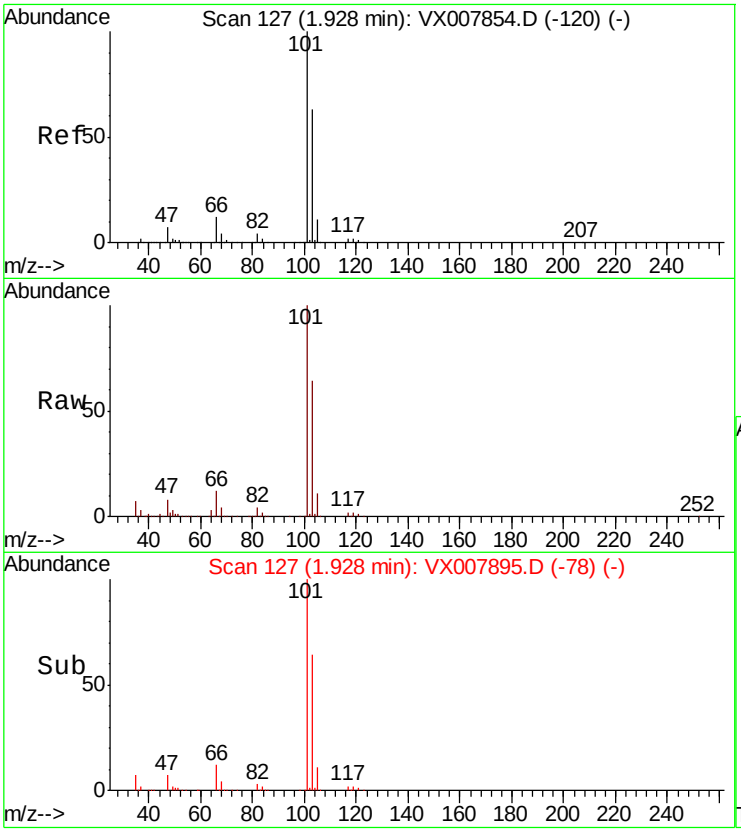




#6
Chloroethane
Concen: 53.903 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 64 Resp: 103585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.7 | 25.2 | 37.8 |



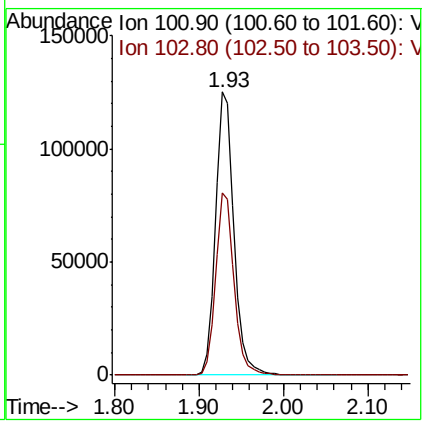


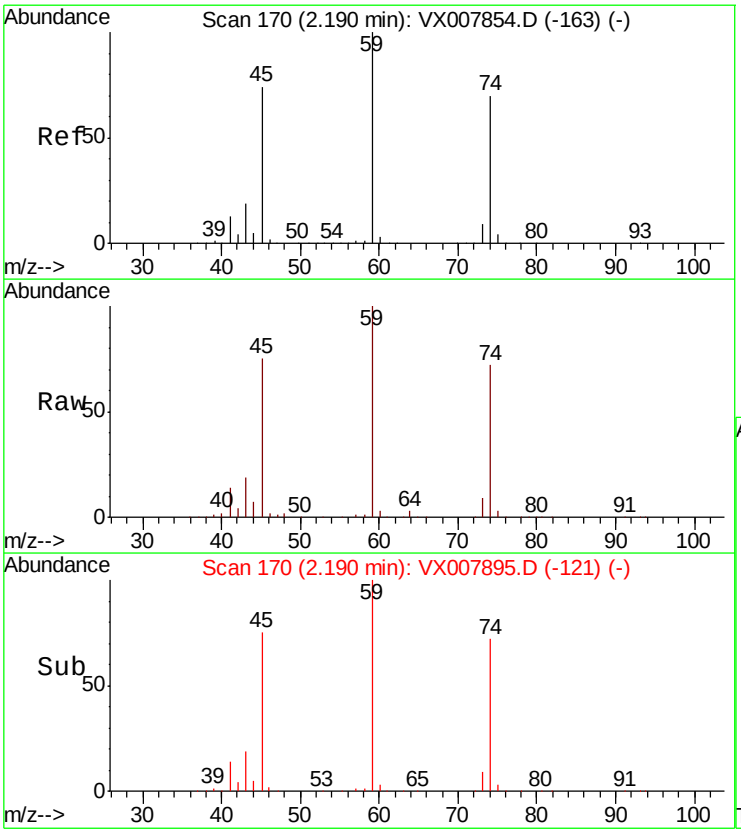

#7
Trichlorofluoromethane
Concen: 50.135 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:101 Resp: 188820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.3 | 50.4 | 75.6 |

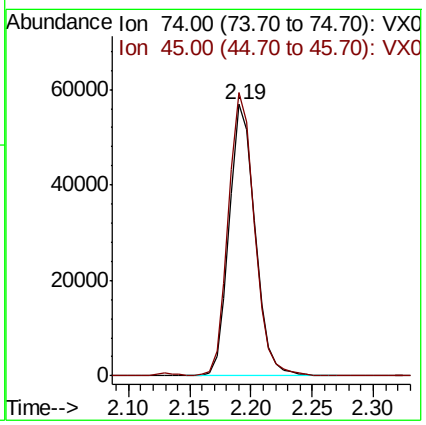


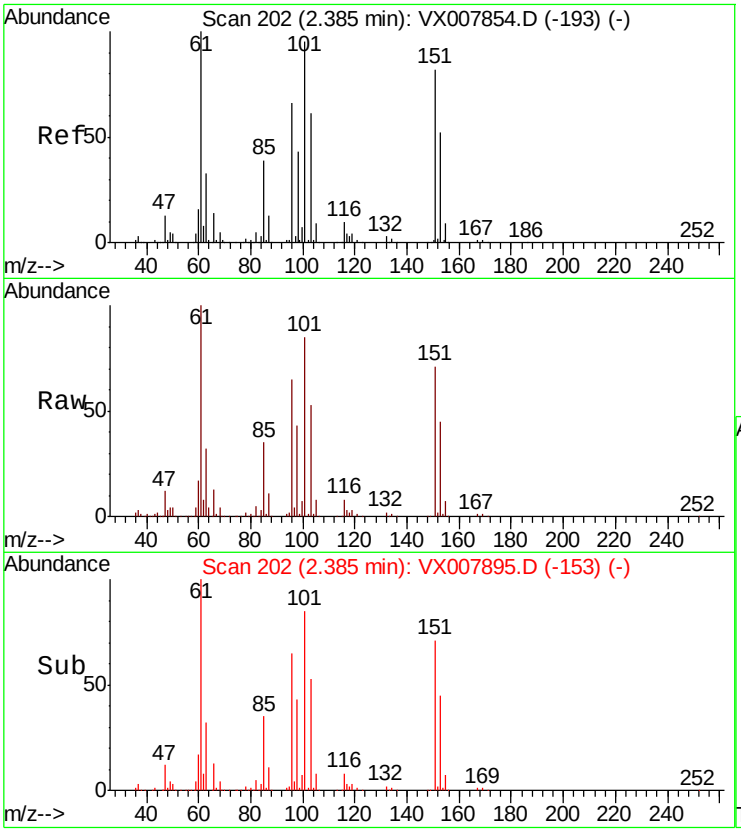




#8
Diethyl Ether
Concen: 50.927 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 74 Resp: 83057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 104.4 | 52.1 | 156.4 |



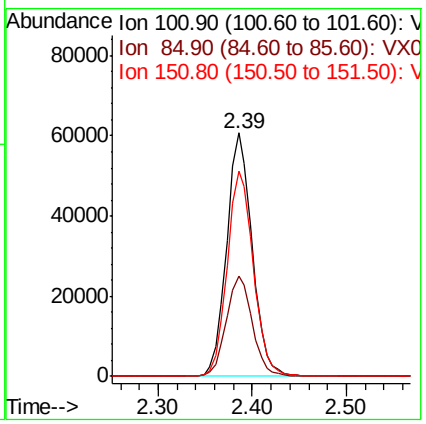


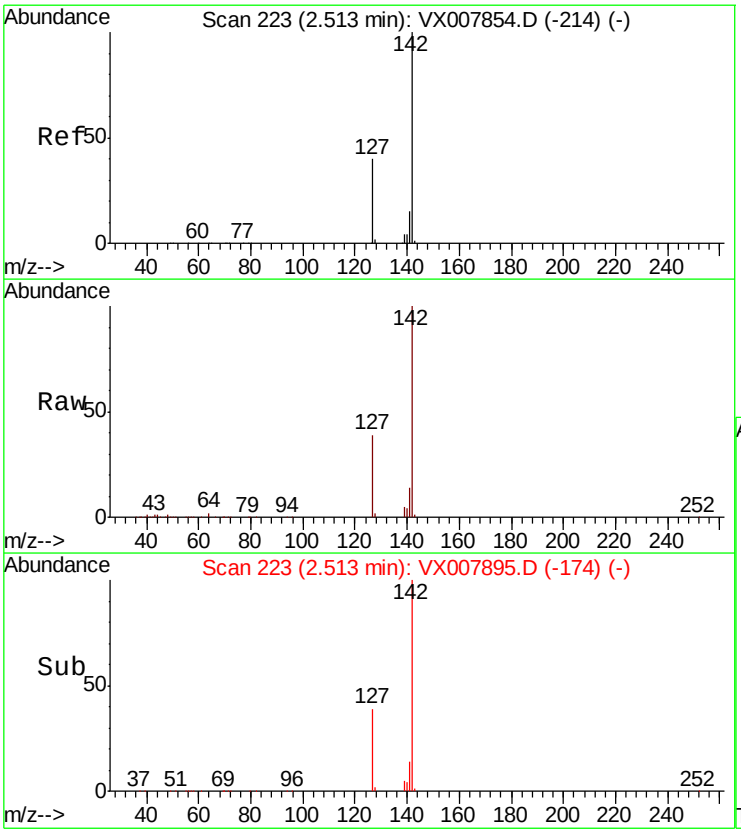

#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.849 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:101 Resp: 114008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.9 | 33.8 | 50.6 |
| 151 | 86.5 | 69.1 | 103.7 |

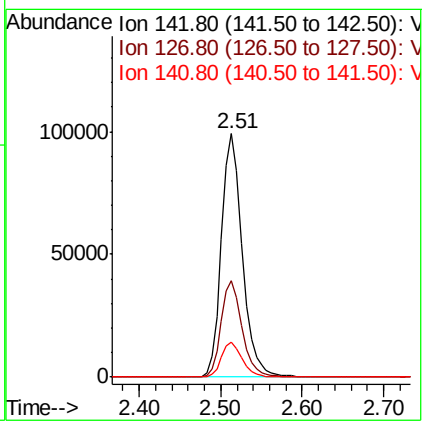


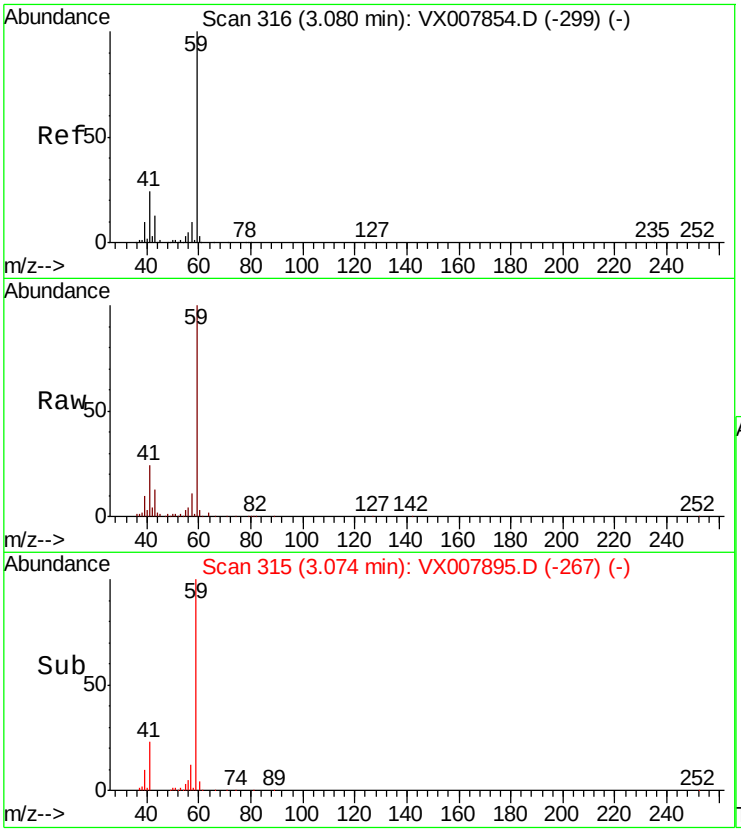




#10
Methyl Iodide
Concen: 53.264 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:142 Resp: 176357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 39.6 | 32.1 | 48.1 |
| 141 | 14.2 | 11.4 | 17.2 |



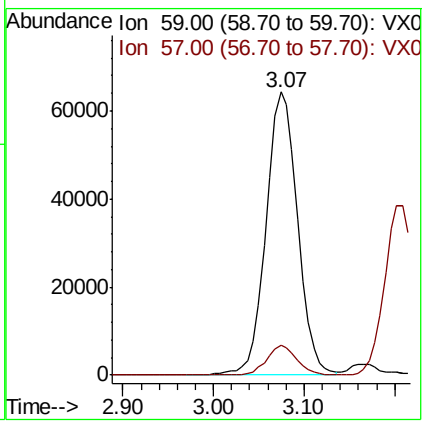


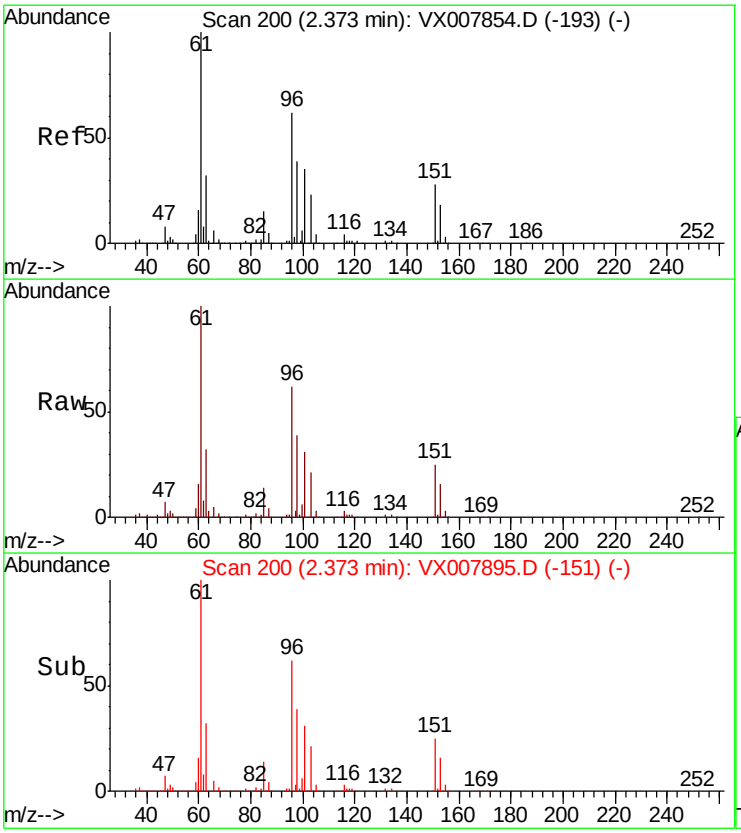

#11
Tert butyl alcohol
Concen: 248.010 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 59 Resp: 154709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.1 | 8.2 | 12.2 |

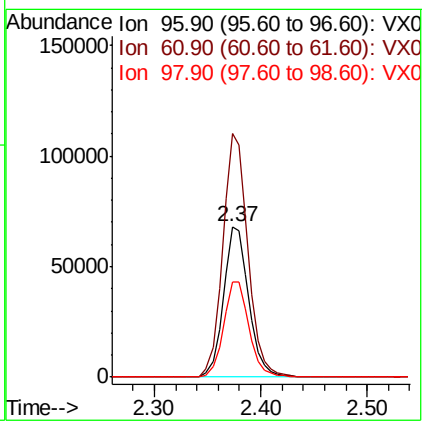


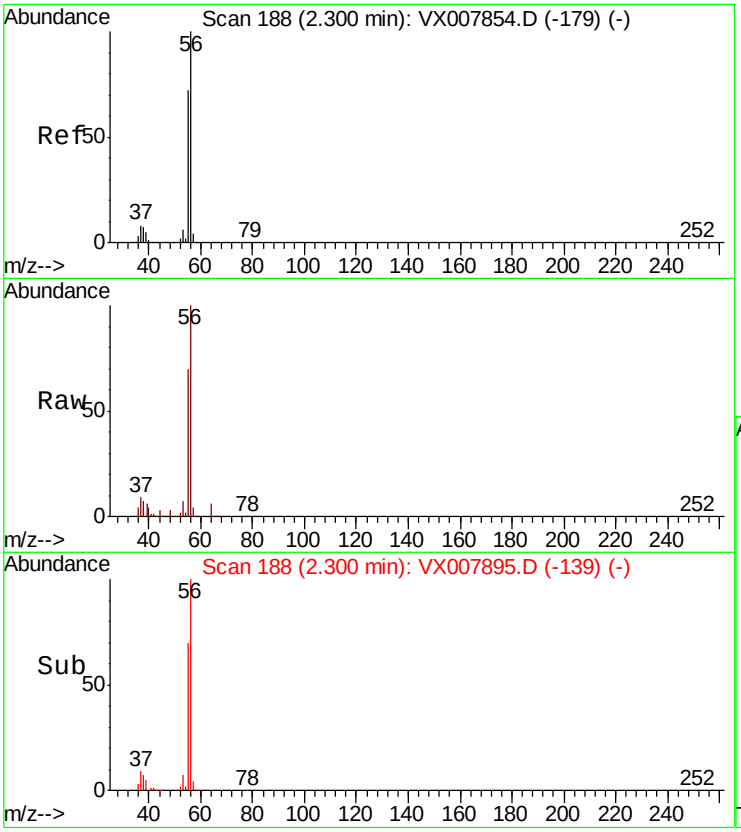




#12
1,1-Dichloroethene
Concen: 50.023 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 96 Resp: 112538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 161.7 | 129.8 | 194.6 |
| 98 | 63.4 | 51.0 | 76.6 |



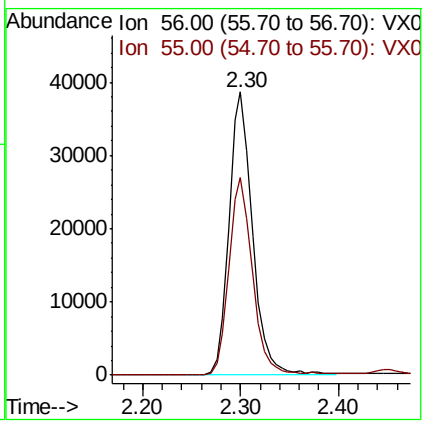


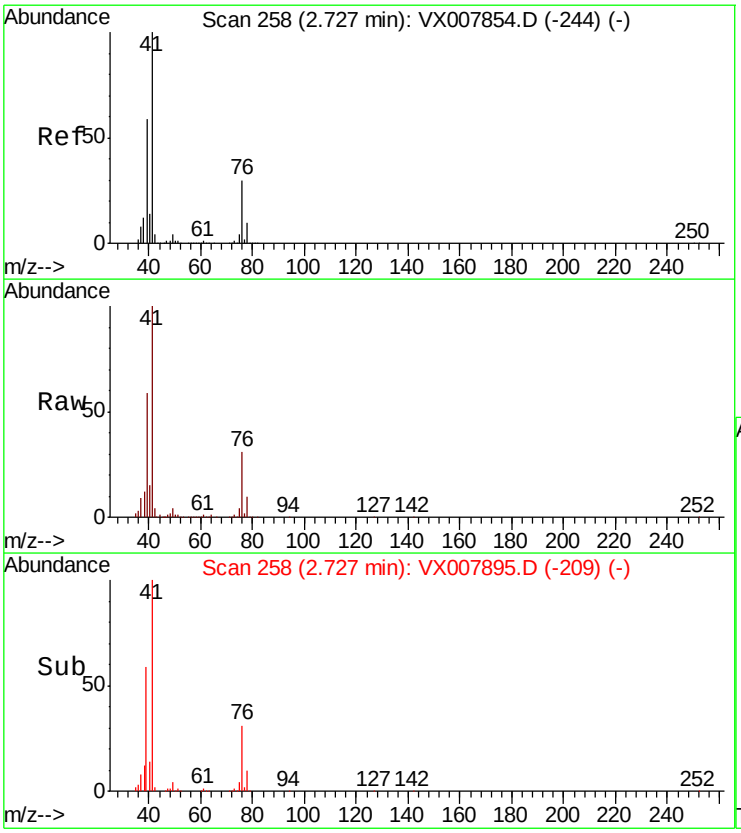

#13
Acrolein
Concen: 183.051 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 56 Resp: 64473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.8 | 57.8 | 86.6 |

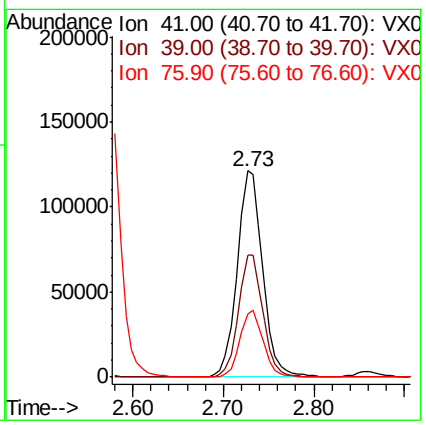


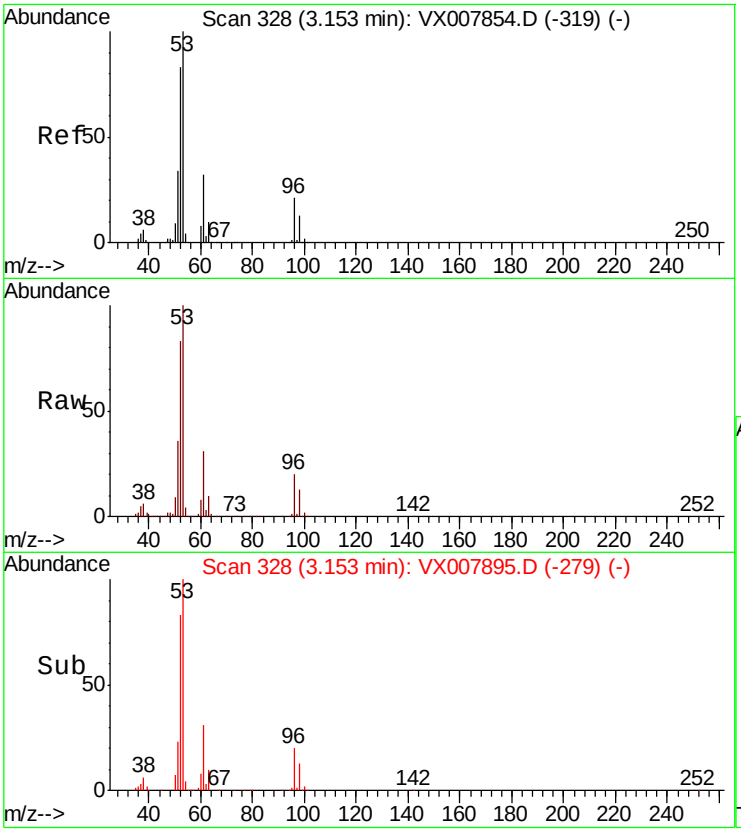




#14
Allyl chloride
Concen: 49.639 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 41 Resp: 234660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.9 | 46.1 | 69.1 |
| 76 | 29.8 | 24.0 | 36.0 |



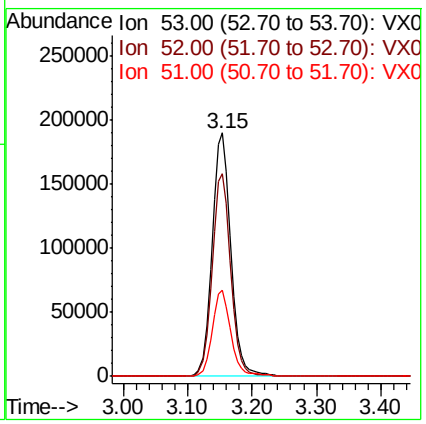


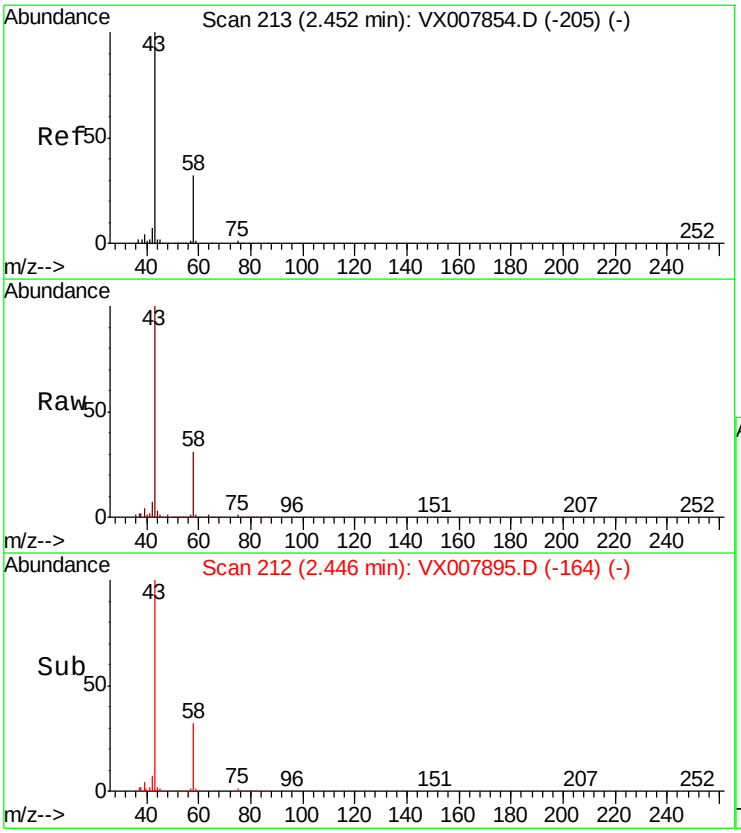

#15
Acrylonitrile
Concen: 245.765 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 53 Resp: 386966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.5 | 66.0 | 99.0 |
| 51 | 35.2 | 28.0 | 42.0 |

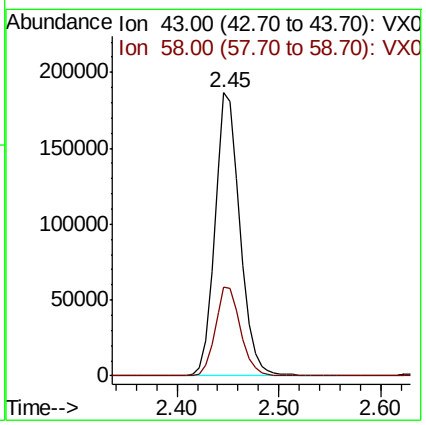


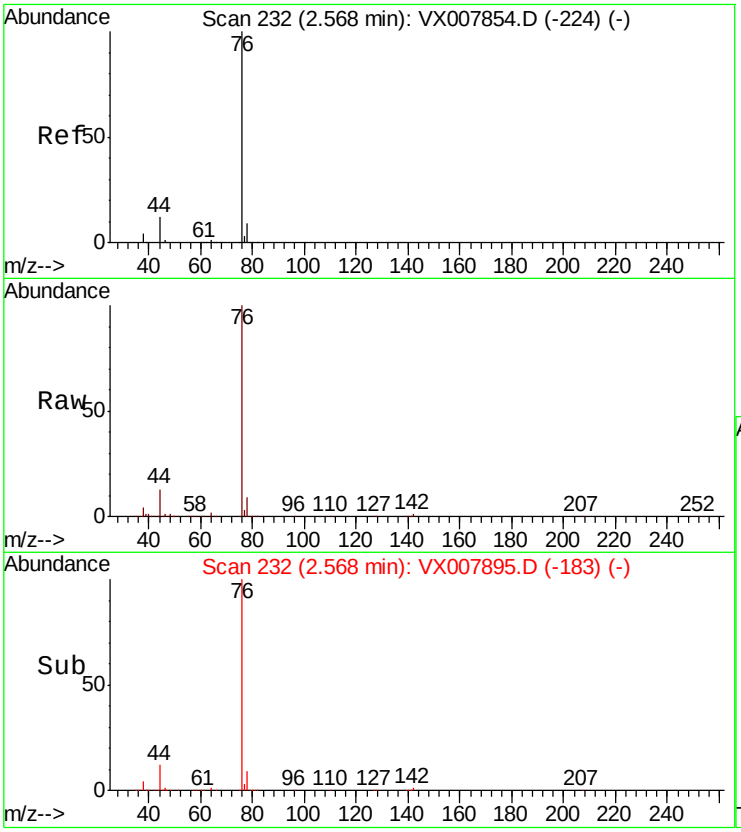




#16
Acetone
Concen: 196.336 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 43 Resp: 316988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.5 | 25.5 | 38.3 |



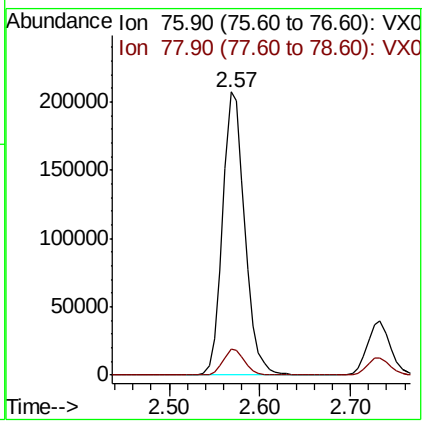


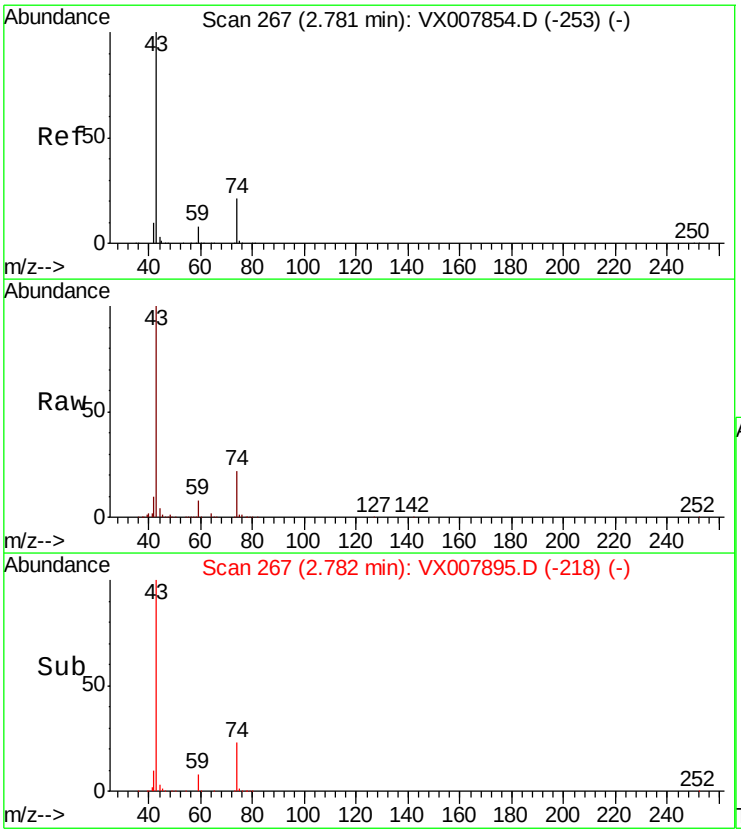

#17
Carbon Disulfide
Concen: 51.578 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 76 Resp: 352276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 7.2 | 10.8 |

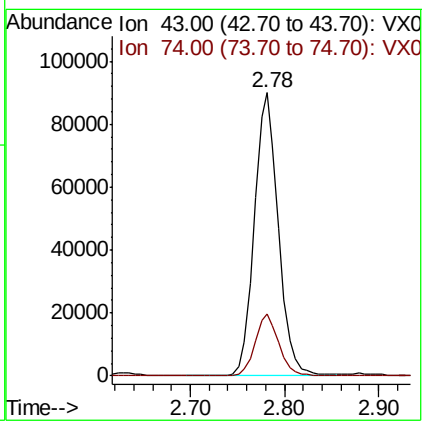


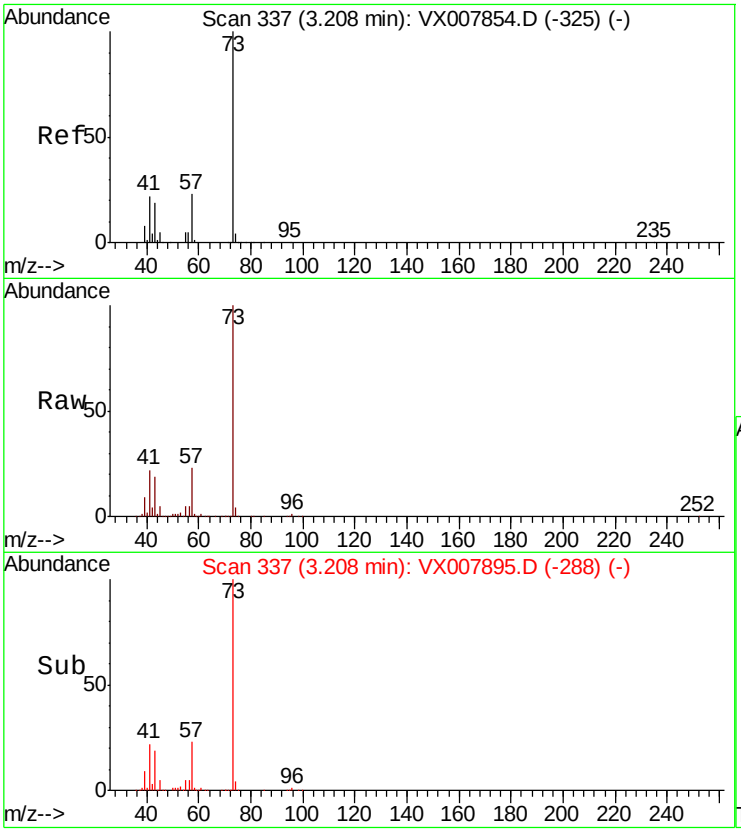




#18
Methyl Acetate
Concen: 46.859 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 43 Resp: 160725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 21.9 | 17.8 | 26.6 |



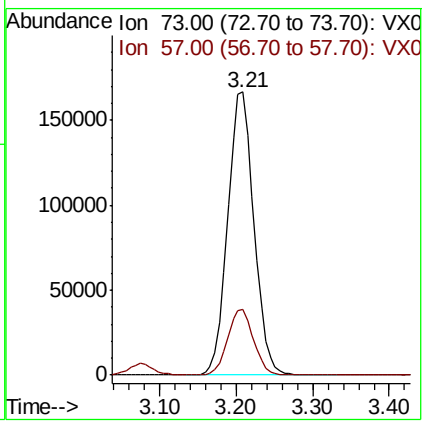


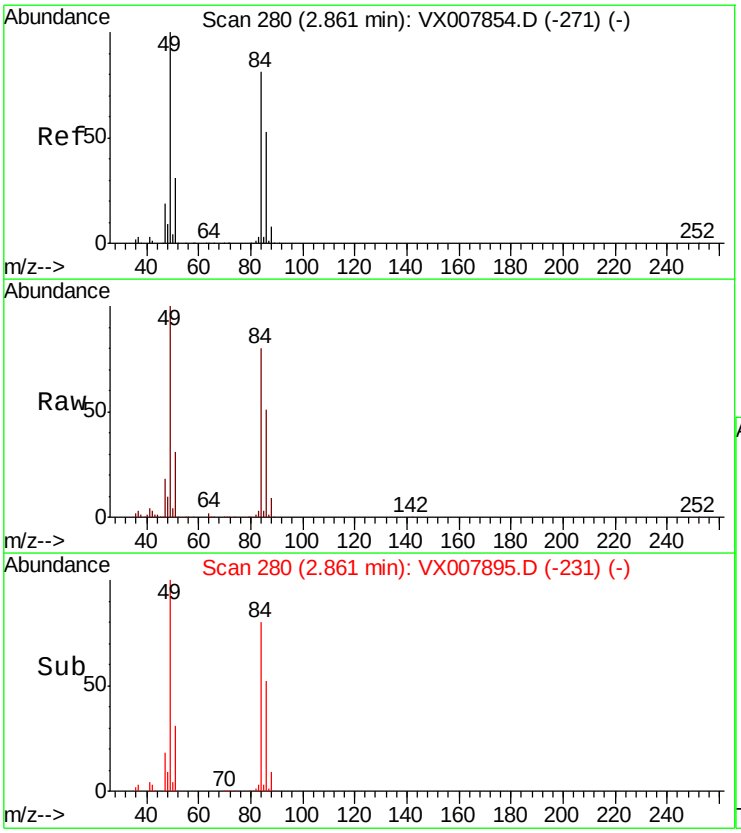

#19
Methyl tert-butyl Ether
Concen: 51.024 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 73 Resp: 394903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.0 | 18.2 | 27.4 |

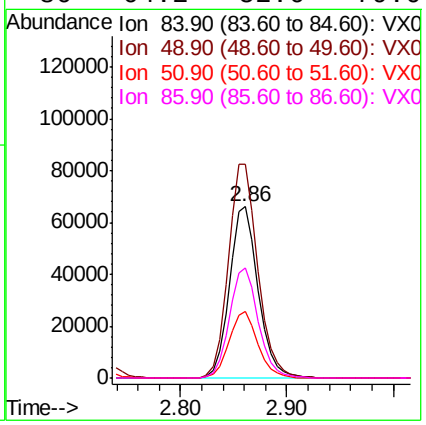


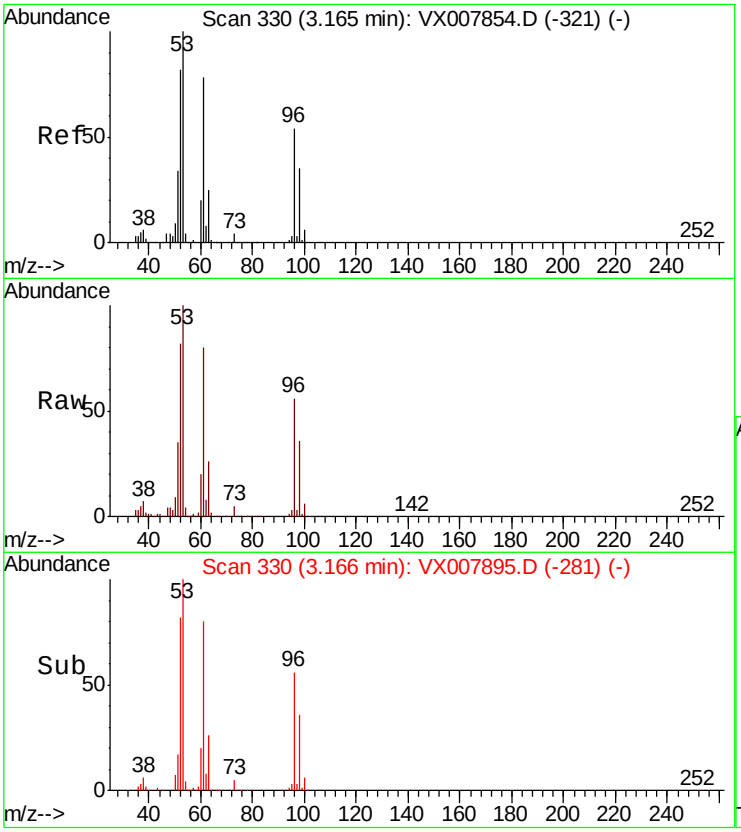




#20
Methylene Chloride
Concen: 48.627 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 84 Resp: 124947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 124.7 | 99.3 | 148.9 |
| 51 | 38.7 | 31.3 | 46.9 |
| 86 | 64.2 | 52.6 | 79.0 |



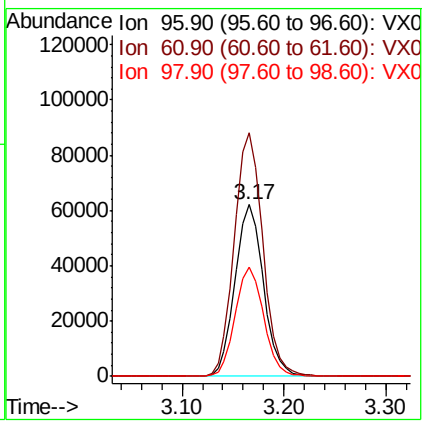


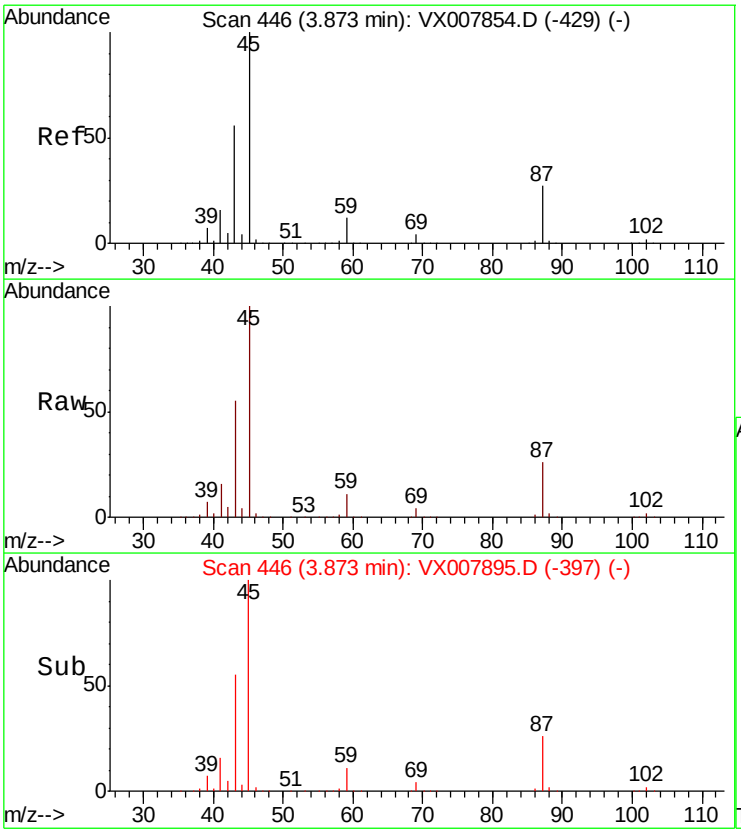

#21
trans-1,2-Dichloroethene
Concen: 48.512 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 96 Resp: 120088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 141.8 | 114.4 | 171.6 |
| 98 | 63.8 | 51.1 | 76.7 |

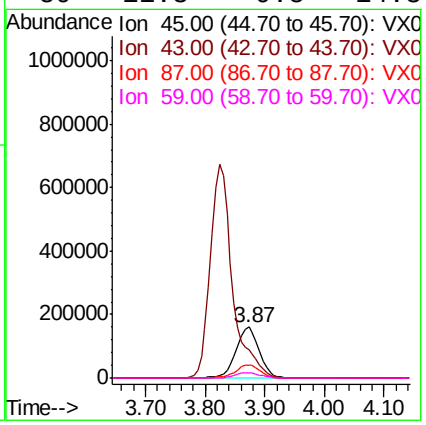


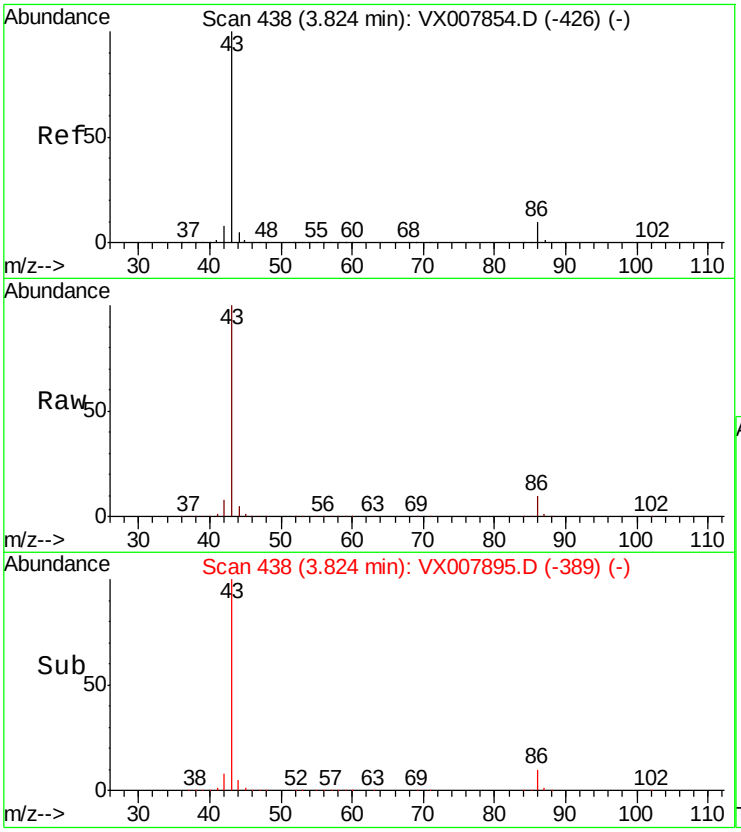




#22
Diisopropyl ether
Concen: 50.064 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 45 Resp: 433846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 55.0 | 45.3 | 67.9 |
| 87 | 25.7 | 21.4 | 32.0 |
| 59 | 11.3 | 9.5 | 14.3 |



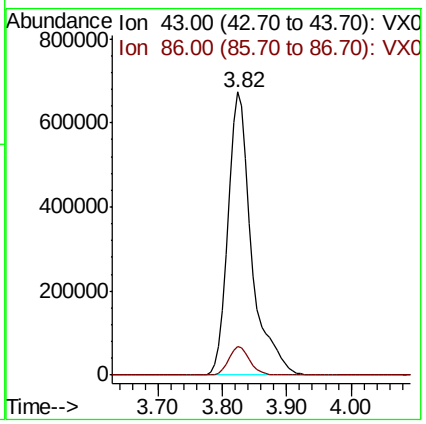


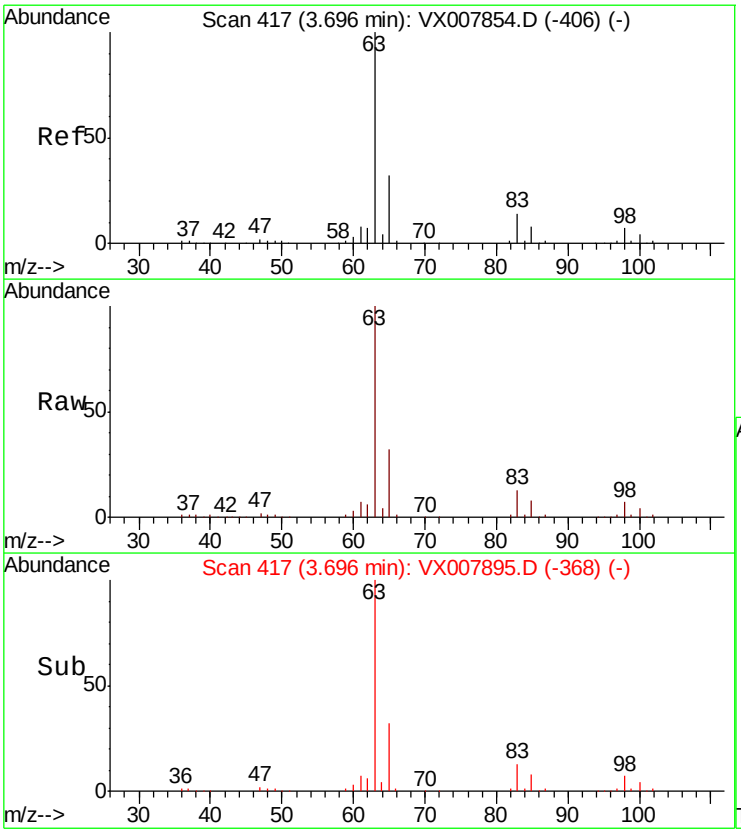

#23
Vinyl Acetate
Concen: 227.578 ug/l
RT: 3.82 min Scan# 438
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 43 Resp: 1729417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.1 | 7.9 | 11.9 |

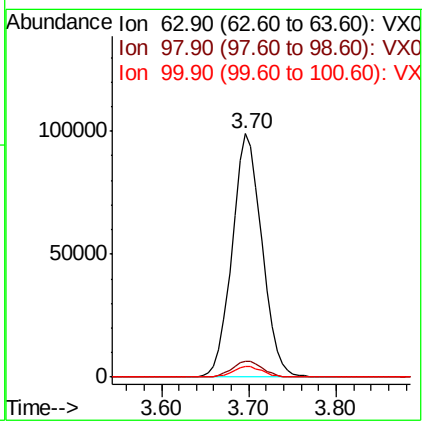


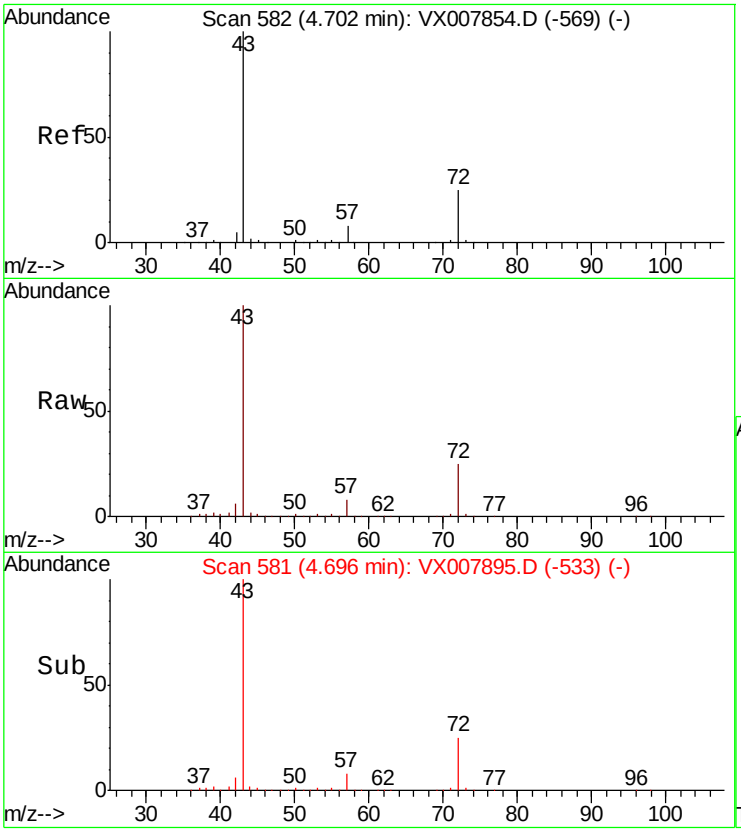




#24
1,1-Dichloroethane
Concen: 50.295 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 63 Resp: 234551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.5 | 3.3 | 9.8 |
| 100 | 4.5 | 2.3 | 6.8 |



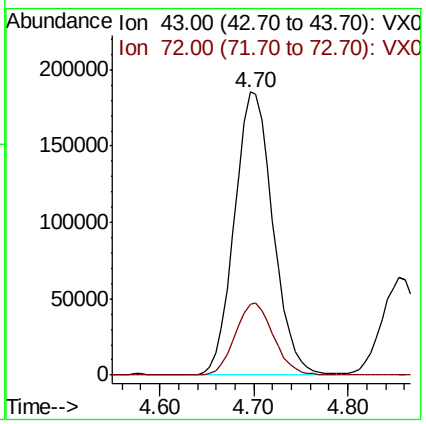


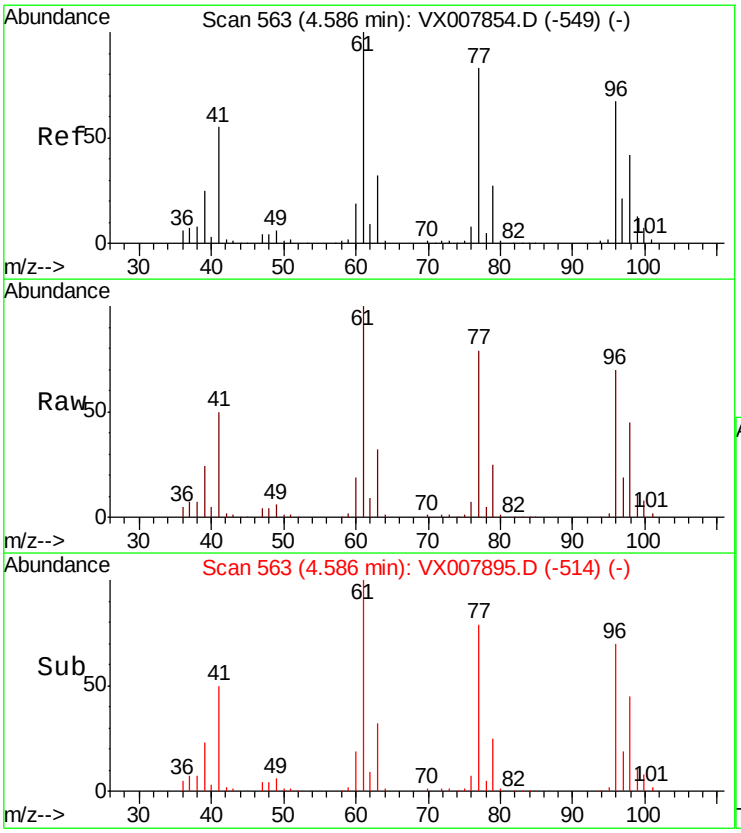

#25
2-Butanone
Concen: 231.941 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 43 Resp: 530157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.0 | 19.9 | 29.9 |

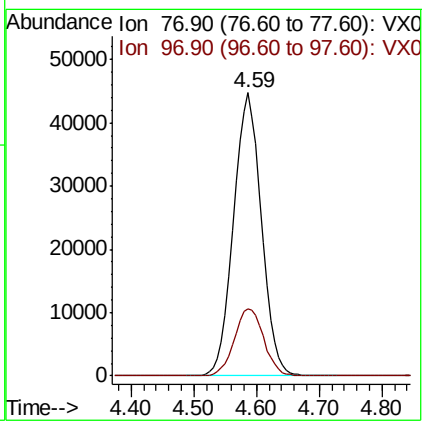


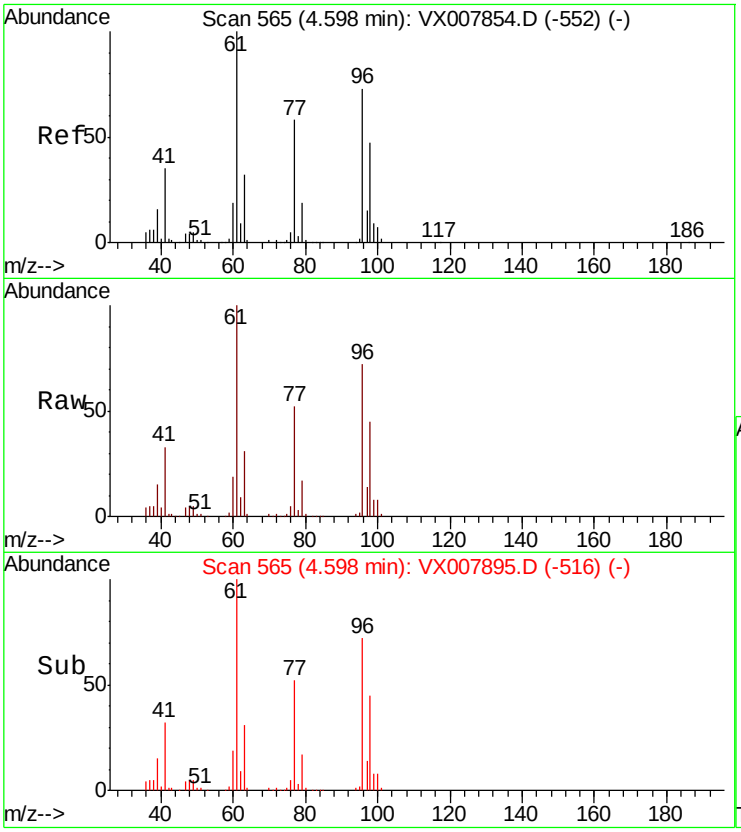




#26
2,2-Dichloropropane
Concen: 44.523 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 77 Resp: 137558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 25.1 | 12.2 | 36.6 |



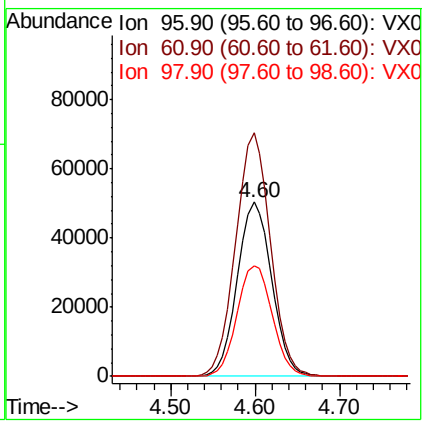


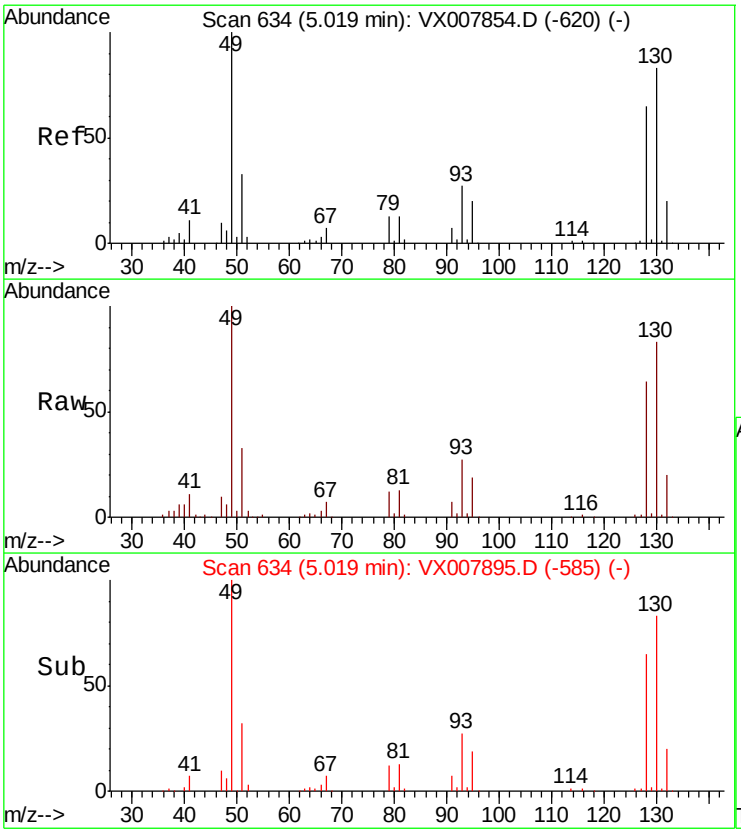

#27
cis-1,2-Dichloroethene
Concen: 49.270 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 96 Resp: 139564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 141.7 | 0.0 | 288.0 |
| 98 | 65.0 | 0.0 | 129.0 |

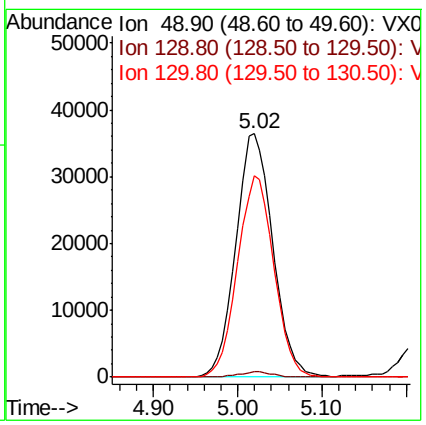


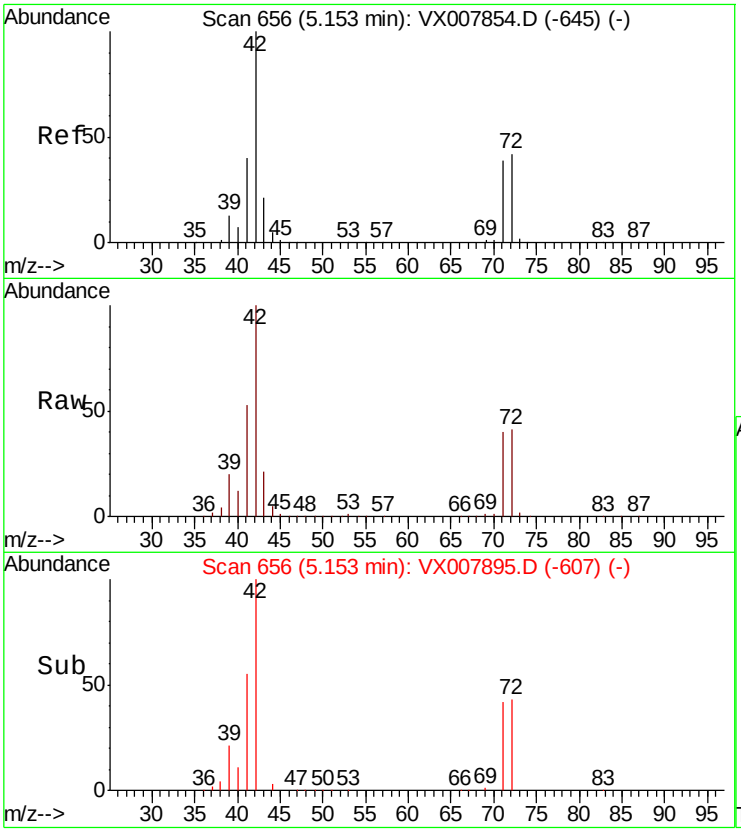




#28
Bromochloromethane
Concen: 49.908 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 49 Resp: 108506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.0 | 0.0 | 4.0 |
| 130 | 81.4 | 65.0 | 97.4 |



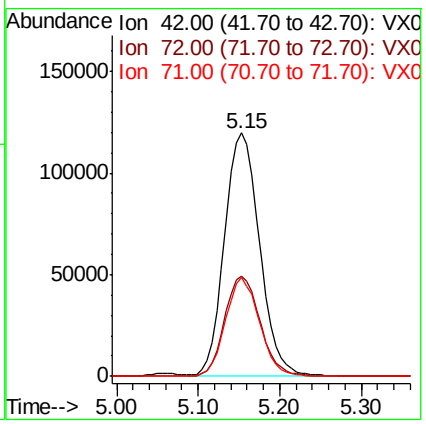


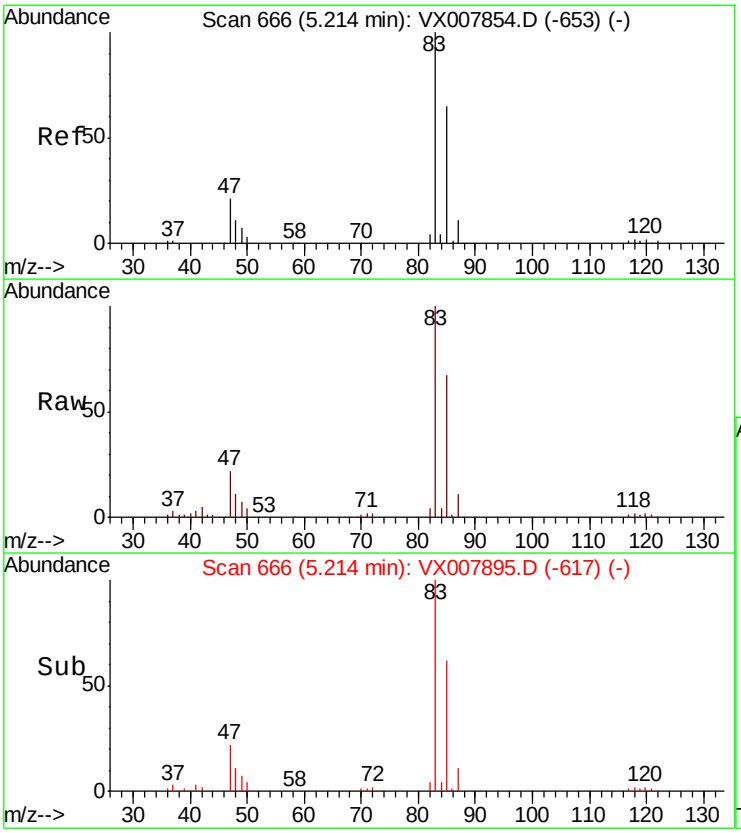

#29
Tetrahydrofuran
Concen: 249.439 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 42 Resp: 355642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 41.9 | 33.8 | 50.6 |
| 71 | 39.5 | 31.5 | 47.3 |

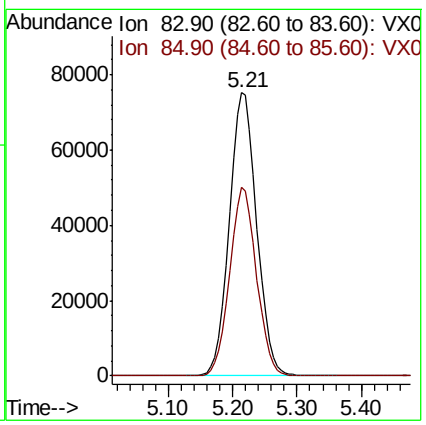


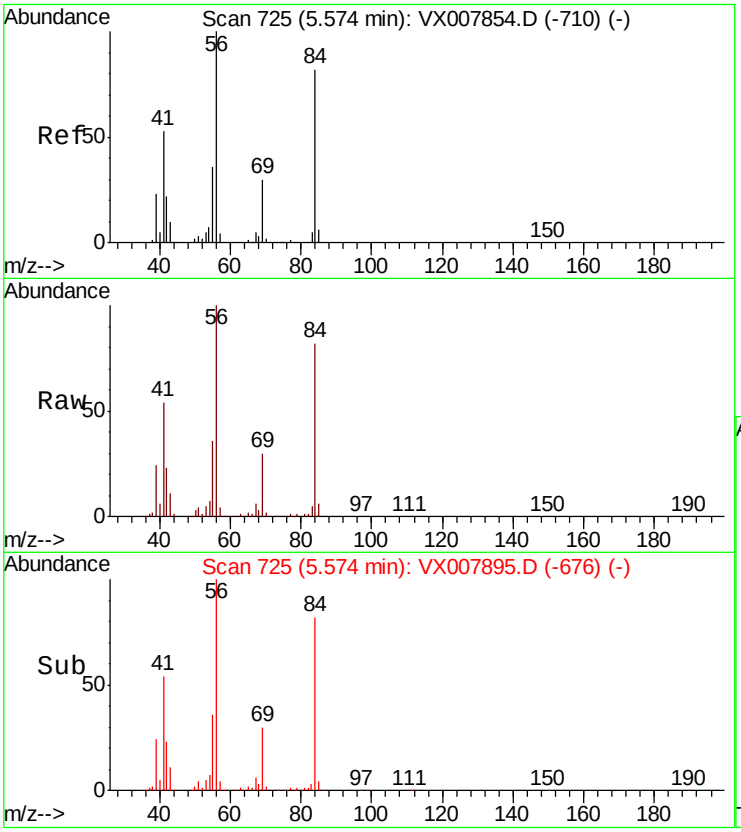




#30
Chloroform
Concen: 50.441 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 83 Resp: 222513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.5 | 51.8 | 77.6 |



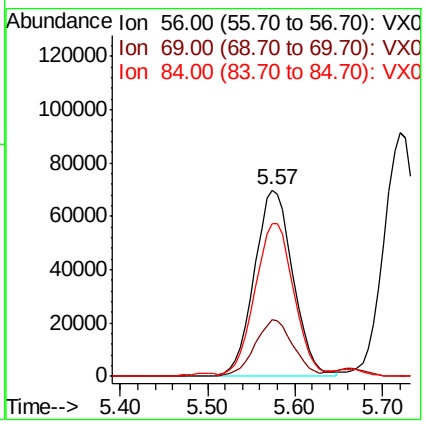


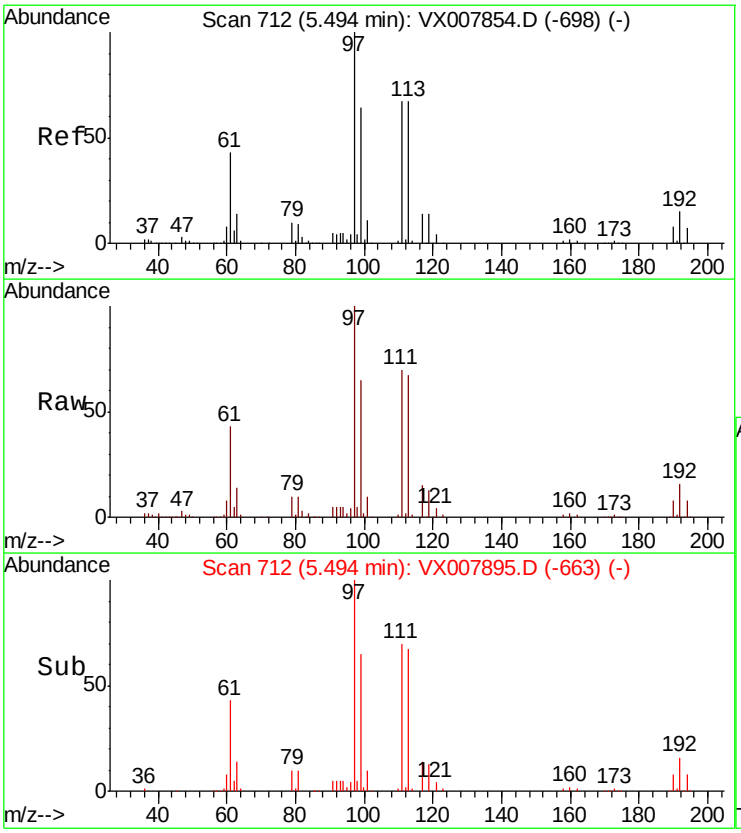

#31
Cyclohexane
Concen: 50.289 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 56 Resp: 215541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.2 | 24.0 | 36.0 |
| 84 | 80.9 | 65.3 | 97.9 |

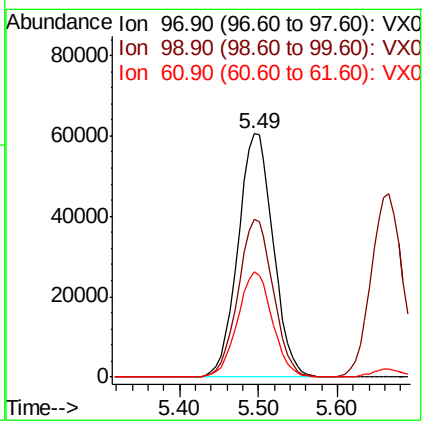


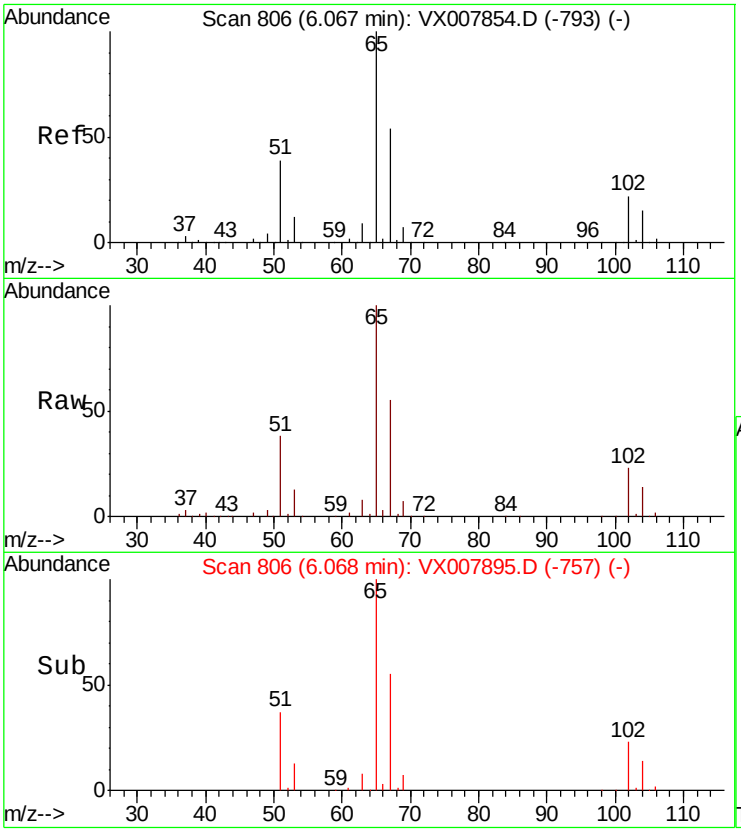




#32
1,1,1-Trichloroethane
Concen: 51.309 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 97 Resp: 187798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.6 | 52.2 | 78.2 |
| 61 | 42.9 | 34.9 | 52.3 |



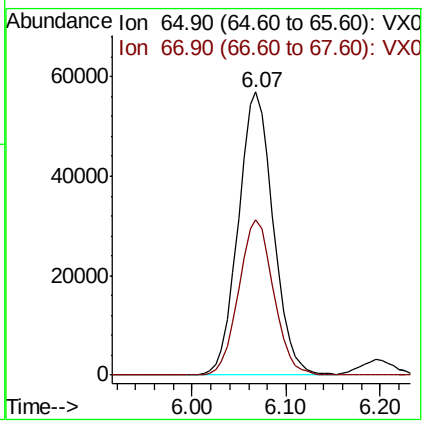


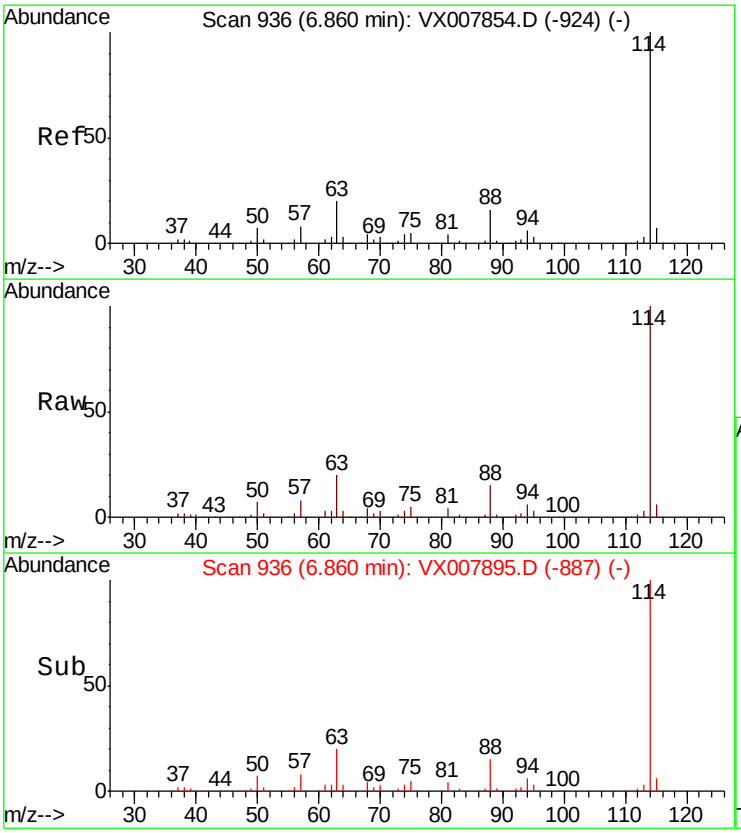

#33
1,2-Dichloroethane-d4
Concen: 52.958 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 65 Resp: 147720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.0 | 0.0 | 110.0 |

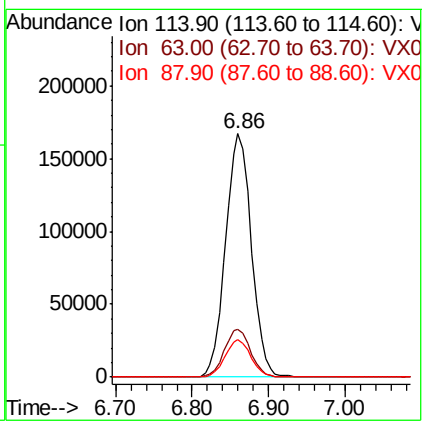


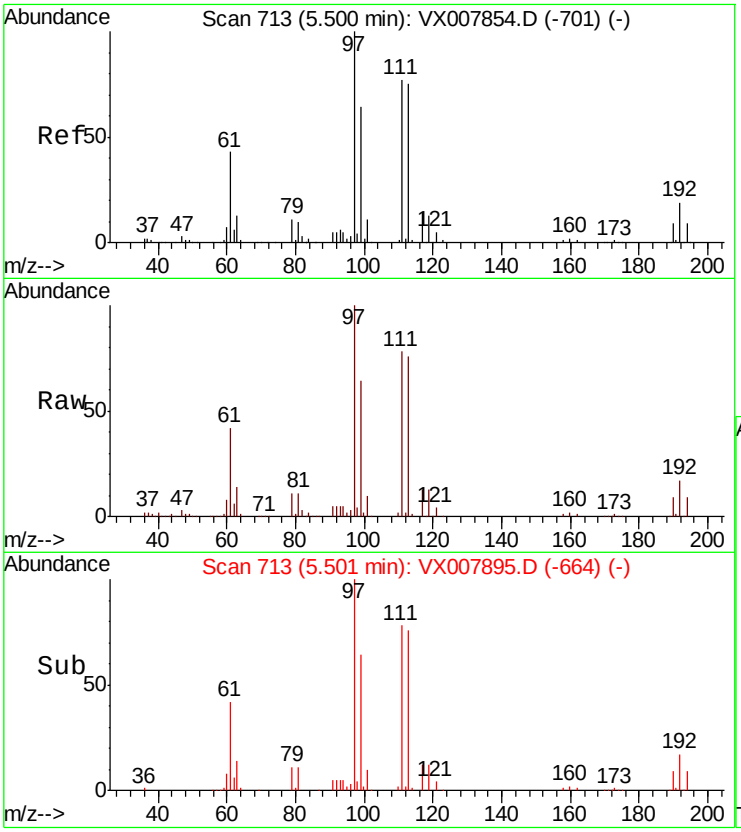




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:114 Resp: 390192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 39.8 |
| 88 | 15.3 | 0.0 | 31.4 |



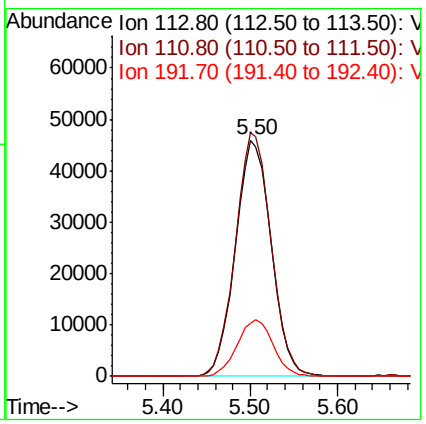


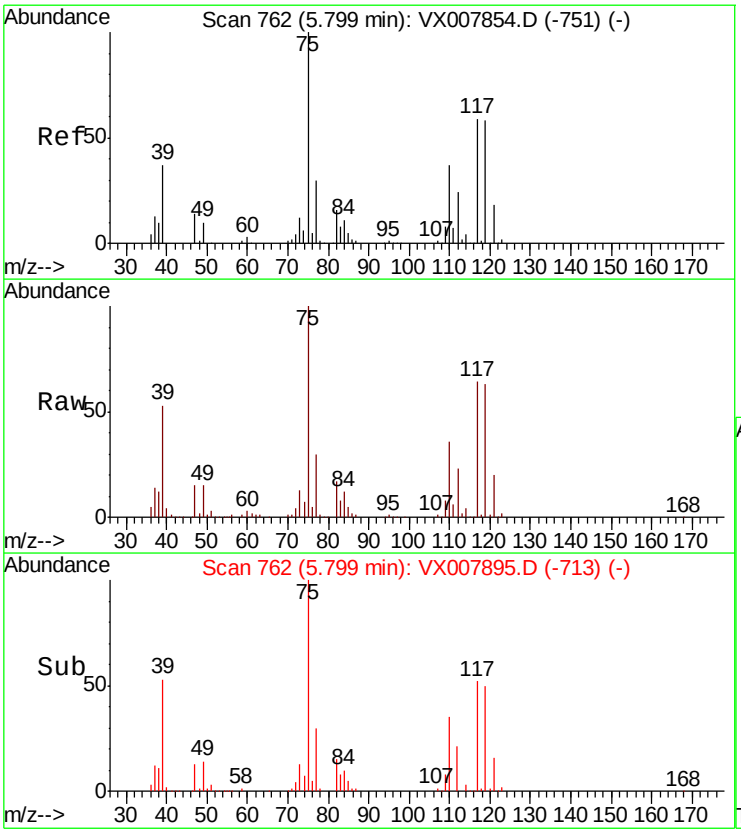

#35
Dibromofluoromethane
Concen: 52.456 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:113 Resp: 130927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.4 | 81.4 | 122.0 |
| 192 | 24.1 | 19.4 | 29.0 |

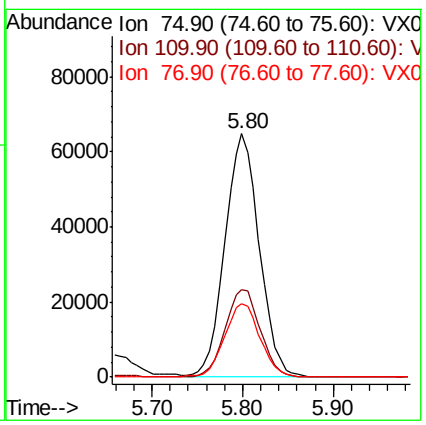


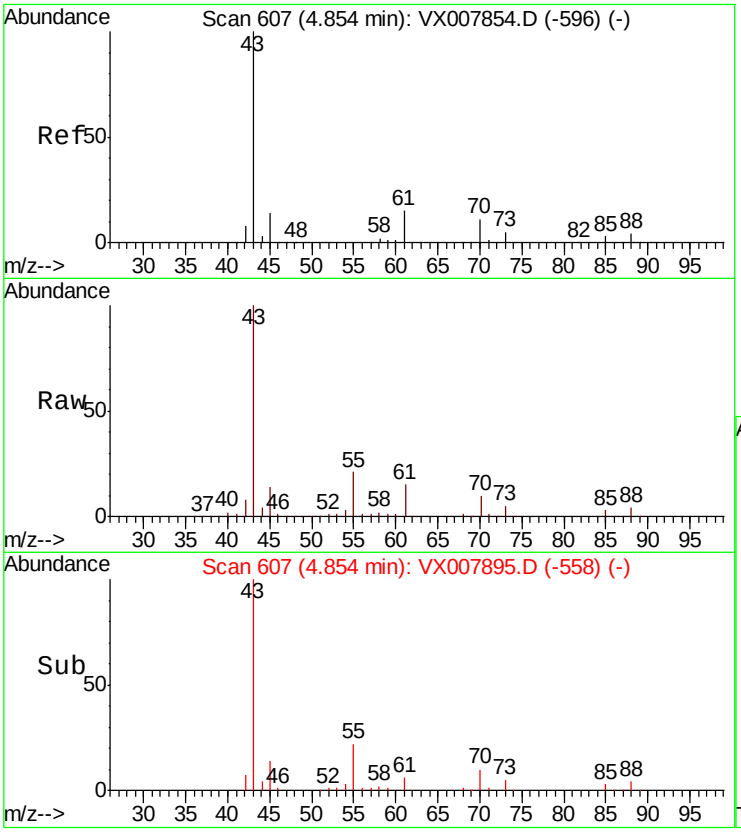




#36
1,1-Dichloropropene
Concen: 48.022 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 75 Resp: 169667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 37.0 | 18.4 | 55.0 |
| 77 | 31.6 | 25.0 | 37.4 |



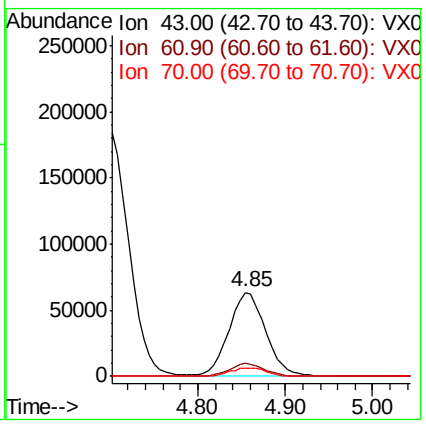


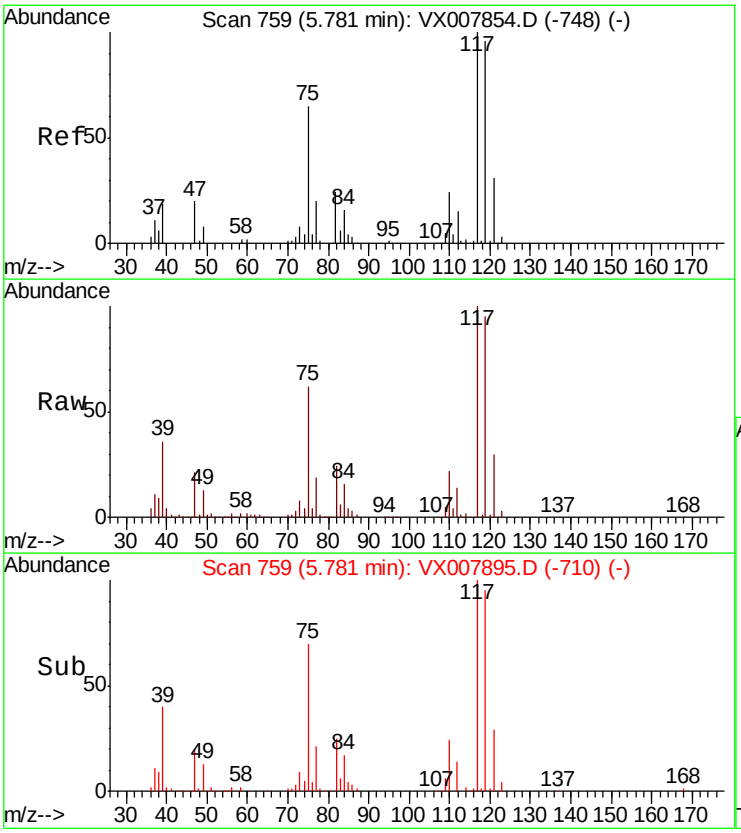

#37
Ethyl Acetate
Concen: 43.825 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 43 Resp: 183746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.6 | 11.3 | 16.9 |
| 70 | 10.6 | 8.5 | 12.7 |

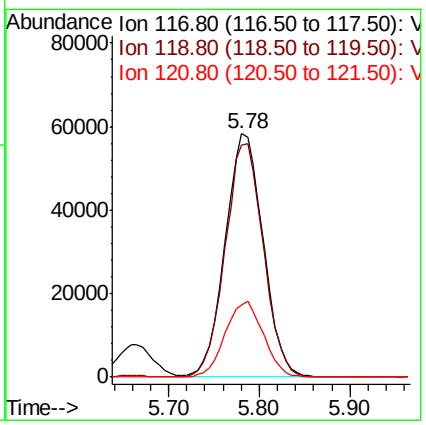


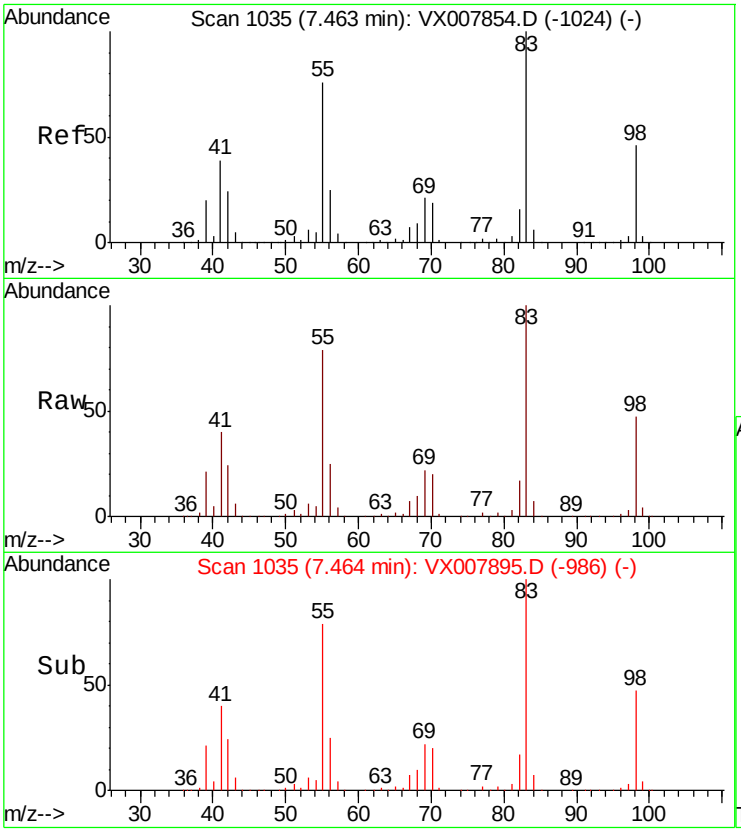




#38
Carbon Tetrachloride
Concen: 50.549 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:117 Resp: 169554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.0 | 76.2 | 114.2 |
| 121 | 29.9 | 24.6 | 36.8 |



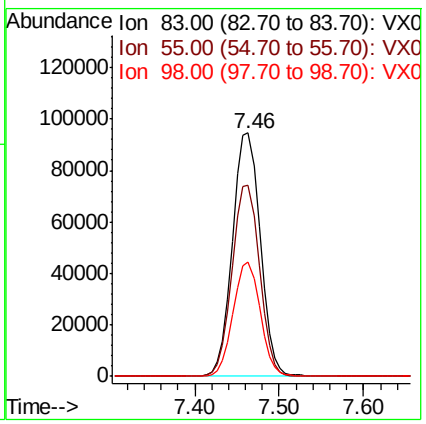


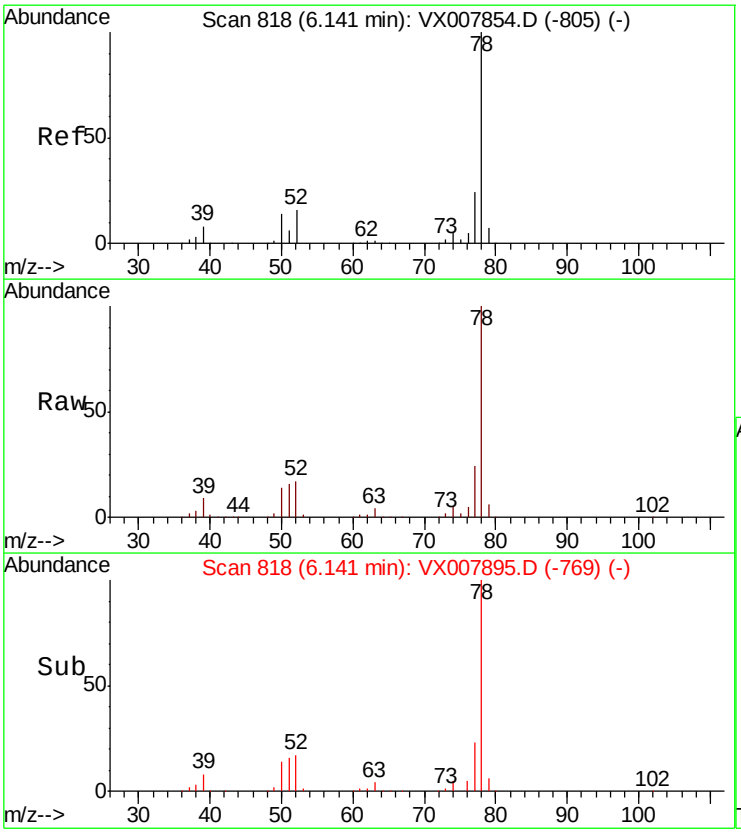

#39
Methylcyclohexane
Concen: 49.178 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 83 Resp: 210539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 78.8 | 60.4 | 90.6 |
| 98 | 47.0 | 36.5 | 54.7 |

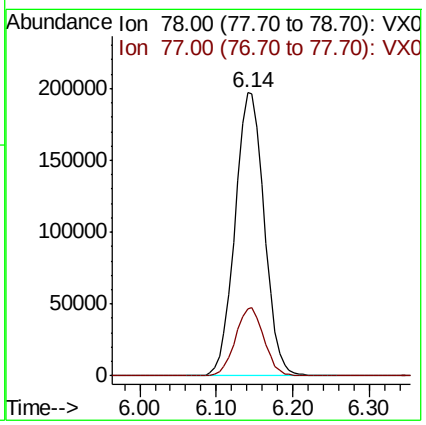


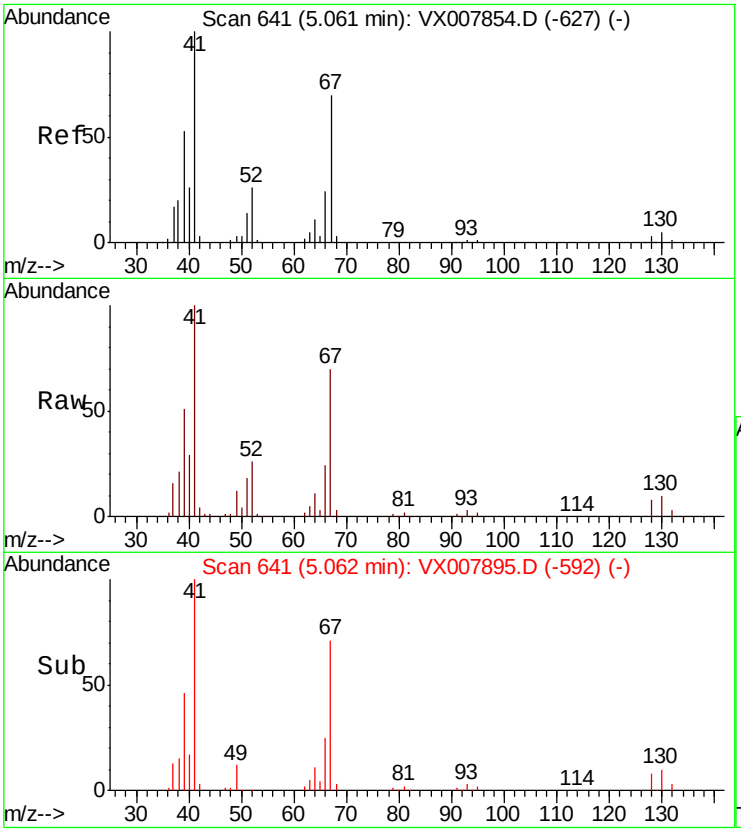




#40
Benzene
Concen: 49.609 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 78 Resp: 521802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.6 | 19.0 | 28.4 |



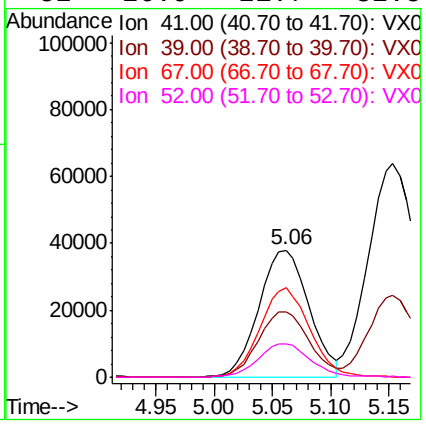


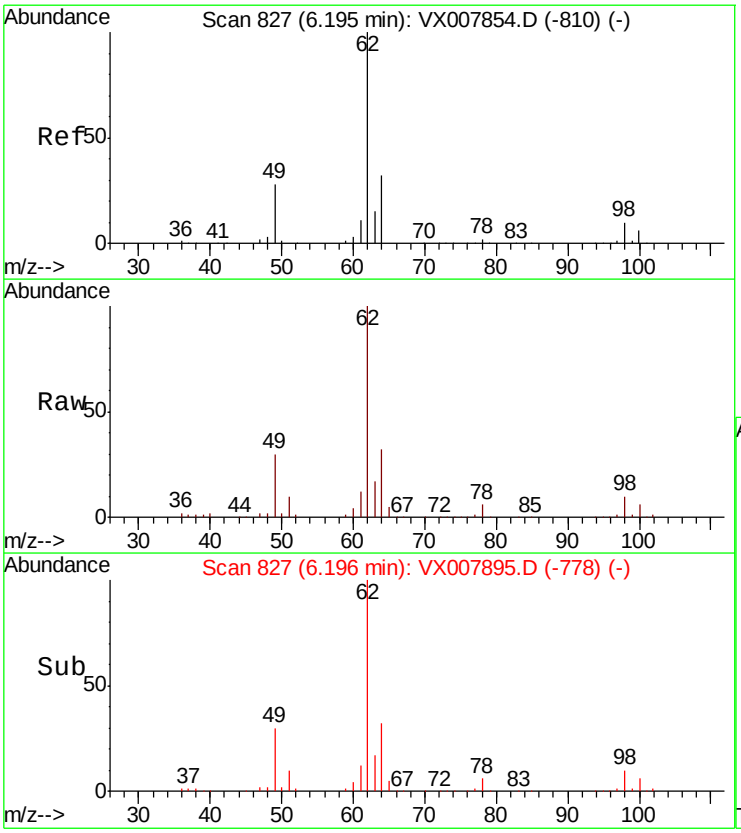

#41
Methacrylonitrile
Concen: 49.768 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 41 Resp: 113763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 51.8 | 41.6 | 62.4 |
| 67 | 69.9 | 55.8 | 83.6 |
| 52 | 26.9 | 21.7 | 32.5 |

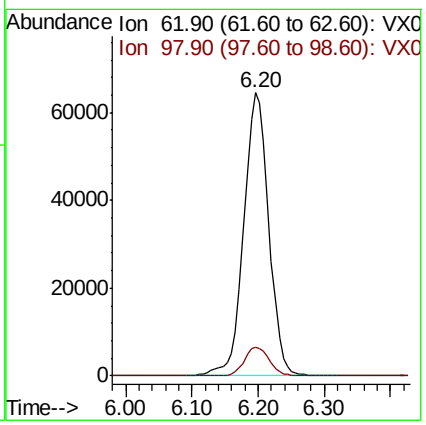


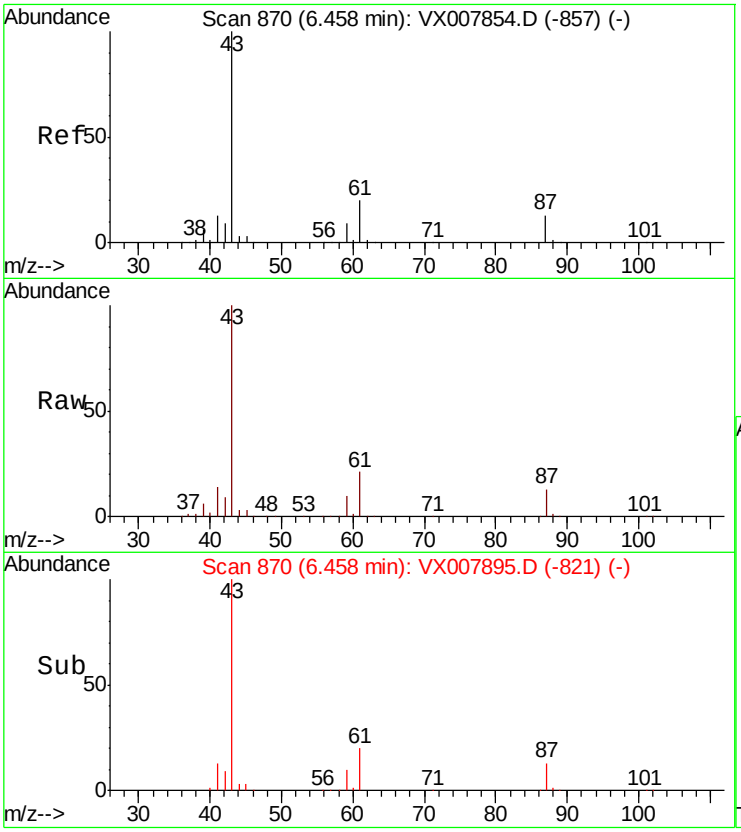




#42
1,2-Dichloroethane
Concen: 49.441 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 62 Resp: 170067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.2 | 0.0 | 20.4 |



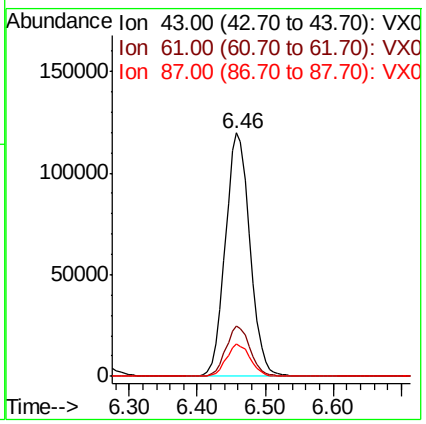


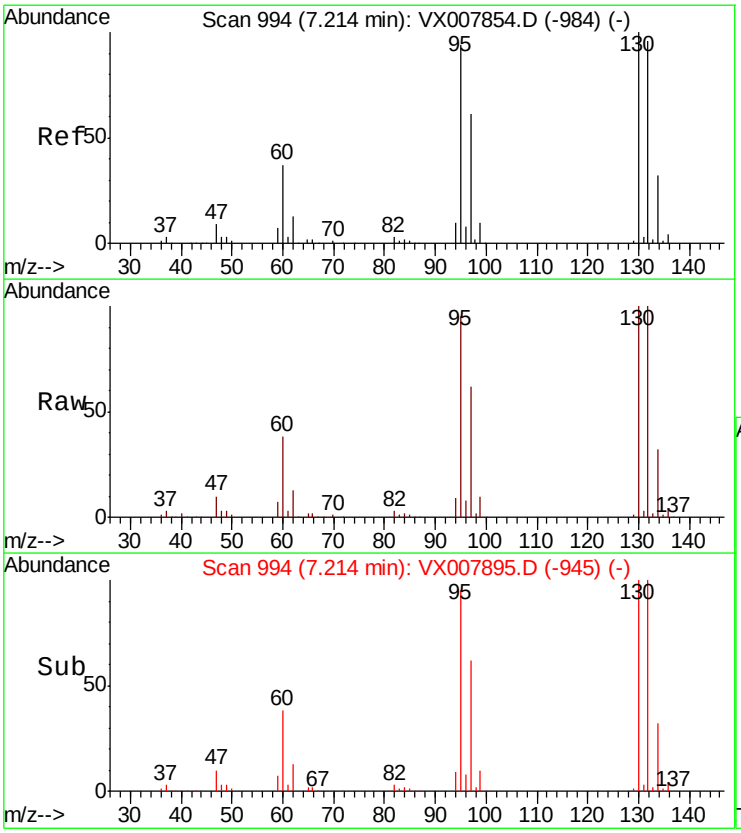

#43
Isopropyl Acetate
Concen: 47.951 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 43 Resp: 297540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.5 | 16.3 | 24.5 |
| 87 | 13.2 | 10.5 | 15.7 |

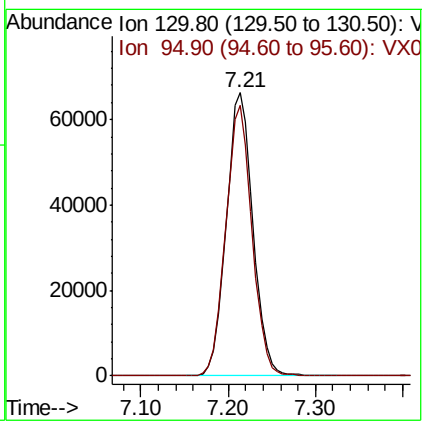


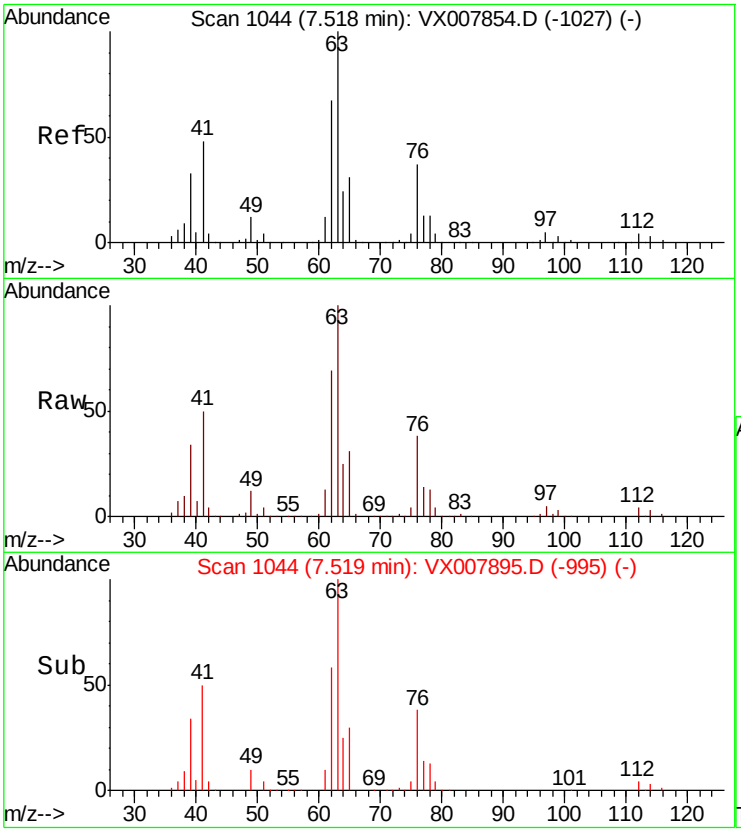




#44
Trichloroethene
Concen: 48.399 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:130 Resp: 140290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 95.4 | 0.0 | 188.0 |



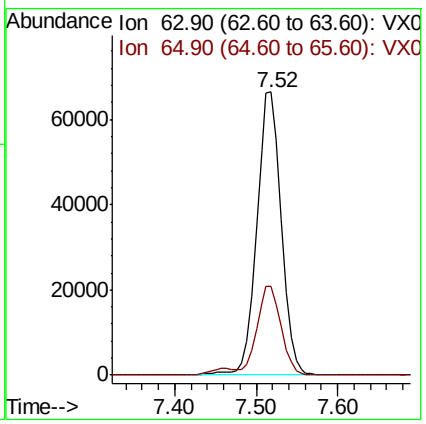


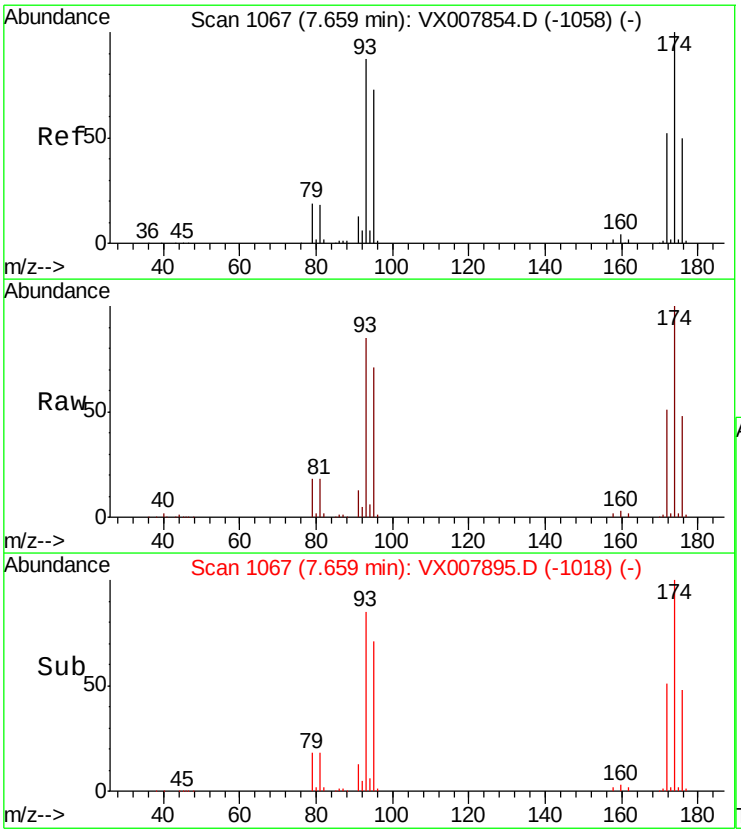

#45
1,2-Dichloropropane
Concen: 50.147 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 63 Resp: 139312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.4 | 24.7 | 37.1 |

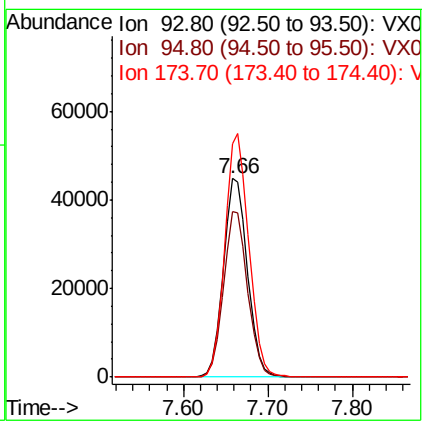


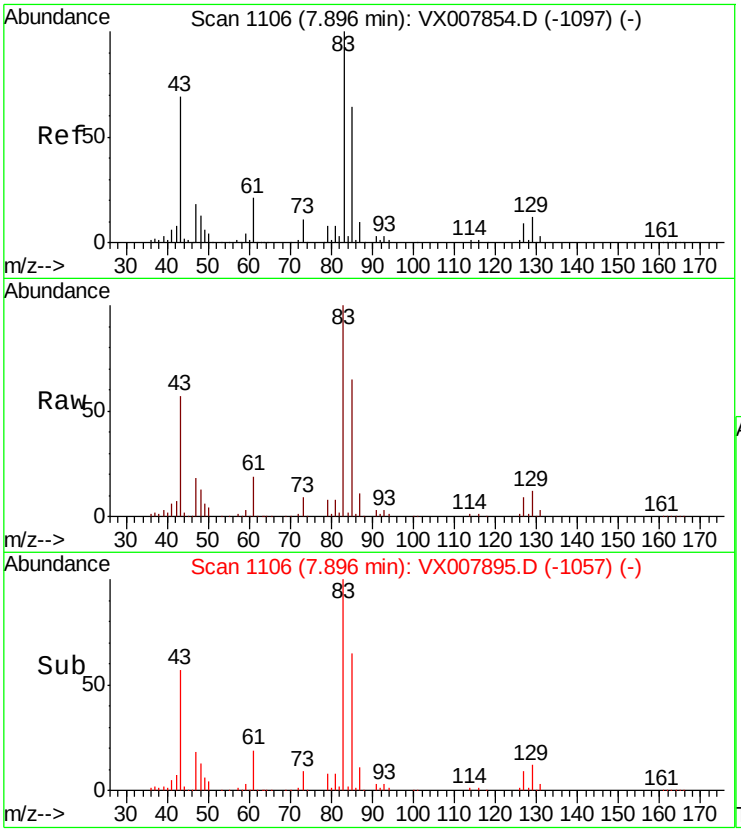




#46
Dibromomethane
Concen: 49.880 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 93 Resp: 87695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.4 | 66.8 | 100.2 |
| 174 | 121.1 | 97.3 | 145.9 |



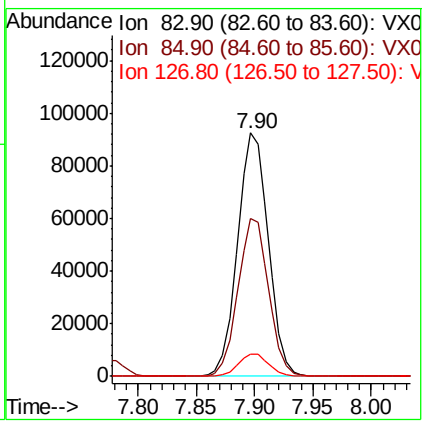


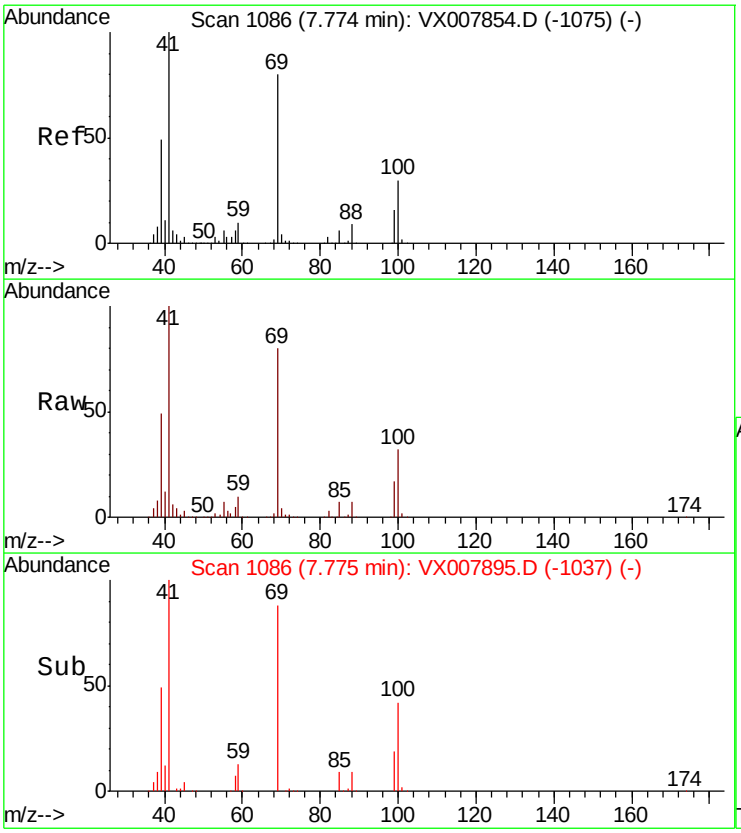

#47
Bromodichloromethane
Concen: 51.096 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 83 Resp: 170316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.9 | 50.9 | 76.3 |
| 127 | 9.2 | 7.4 | 11.0 |

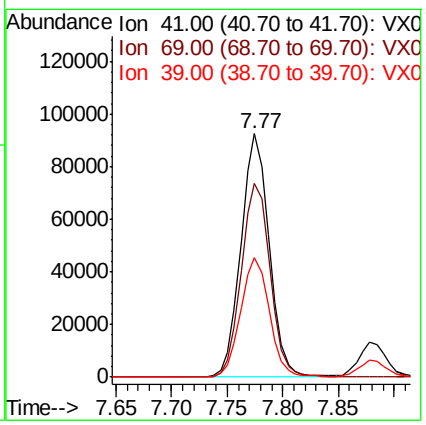


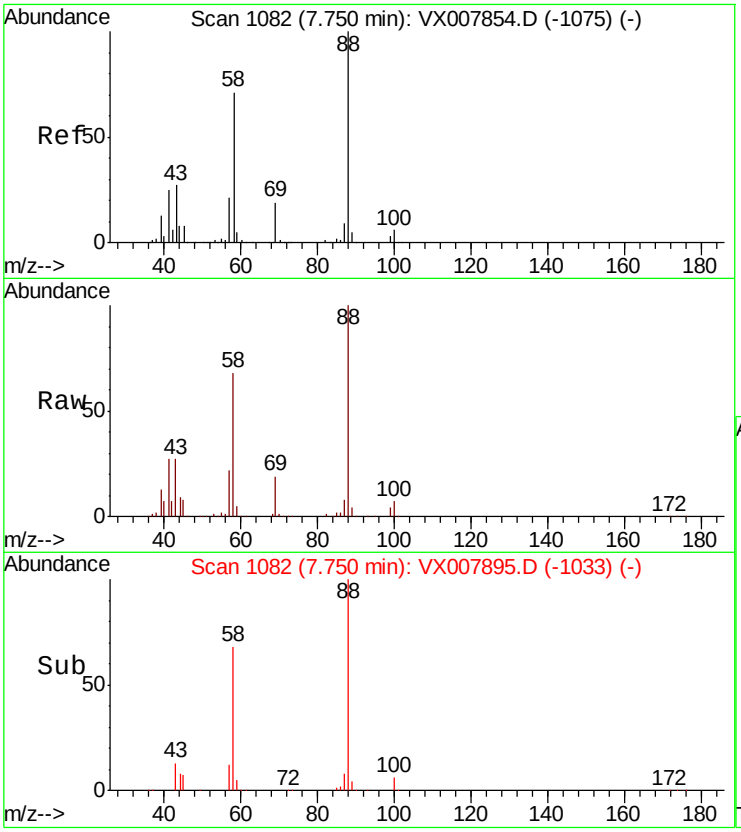




#48
Methyl methacrylate
Concen: 50.019 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 41 Resp: 163180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 81.8 | 65.2 | 97.8 |
| 39 | 49.5 | 39.4 | 59.2 |



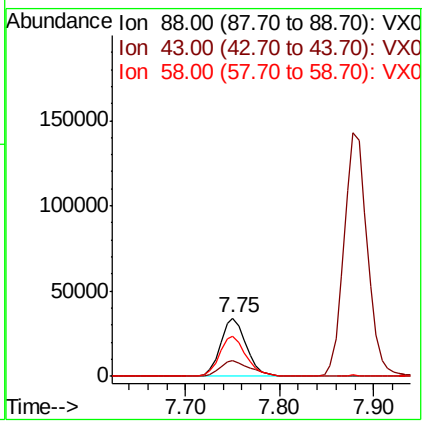


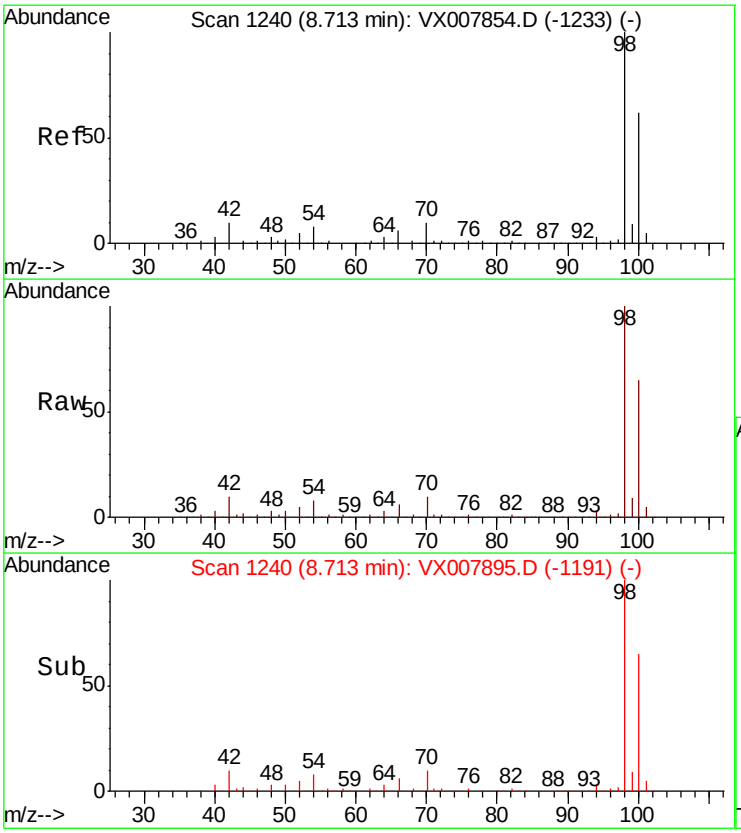

#49
1,4-Dioxane
Concen: 967.002 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :** MSVOA_X
**ClientSampleId :** SW-2MSD

Tgt Ion: 88 Resp: 64805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 31.1 | 25.1 | 37.7 |
| 58 | 71.2 | 57.8 | 86.6 |

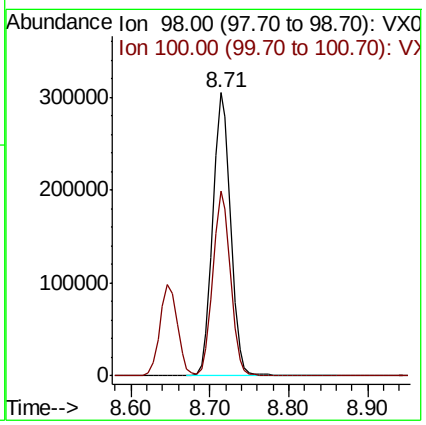


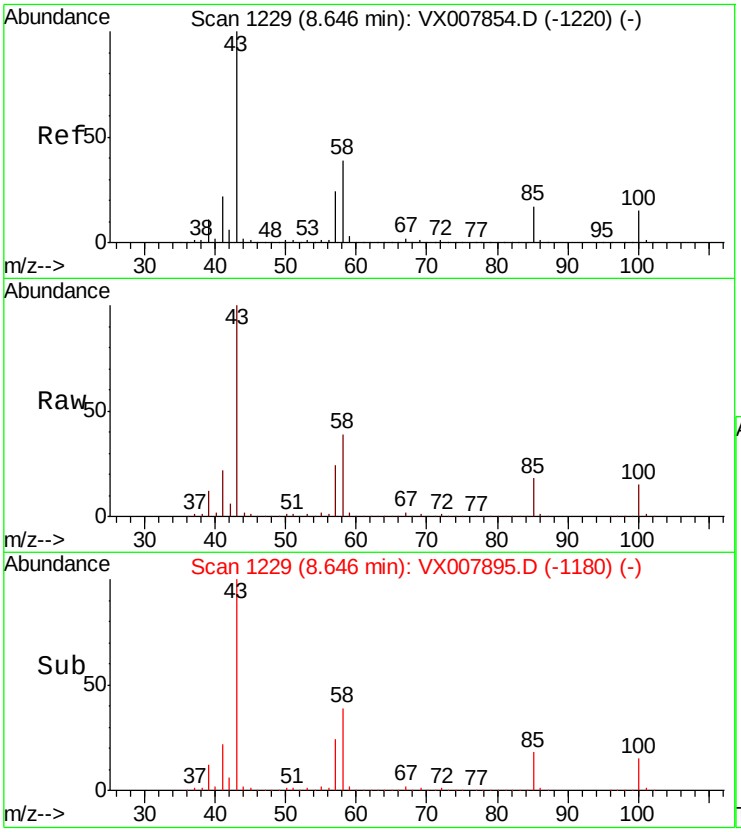




#50
Toluene-d8
Concen: 52.525 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 98 Resp: 481467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.9 | 51.7 | 77.5 |



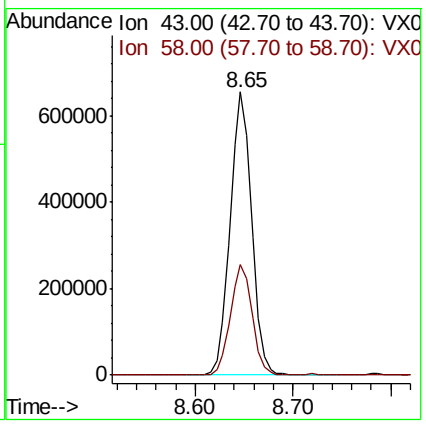


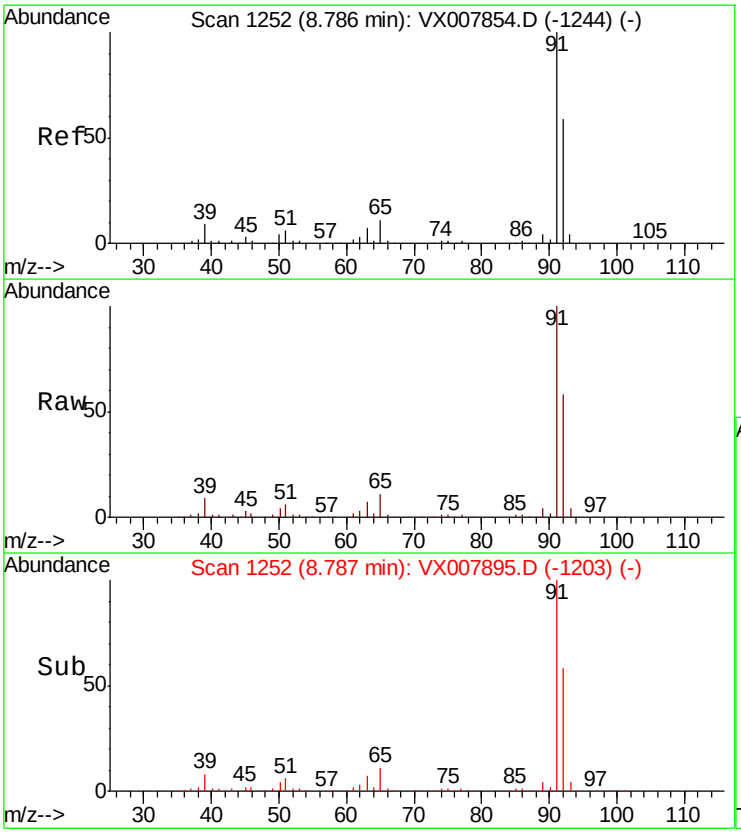

#51
4-Methyl-2-Pentanone
Concen: 250.730 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 43 Resp: 1000539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.2 | 31.3 | 46.9 |

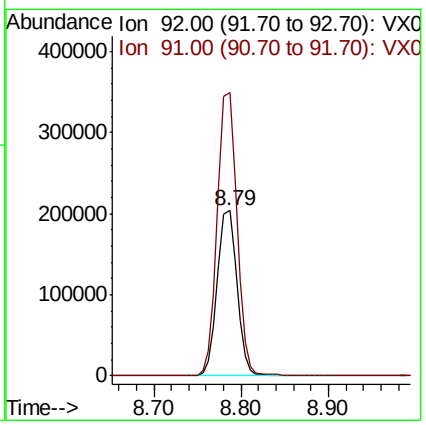


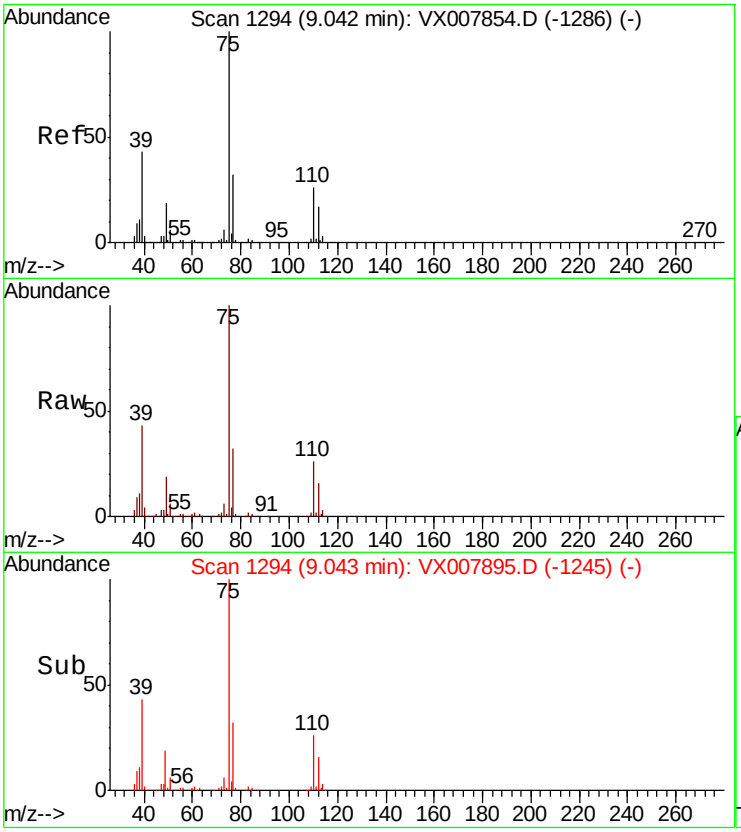




#52
Toluene
Concen: 49.787 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 92 Resp: 319712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 171.4 | 137.4 | 206.0 |



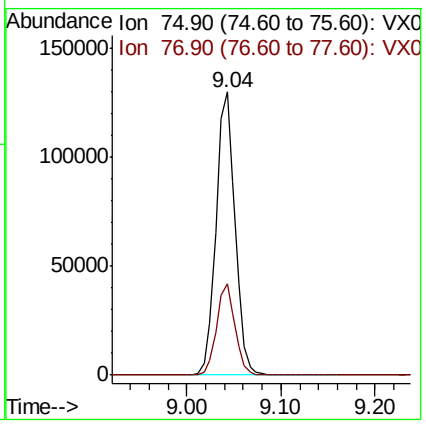


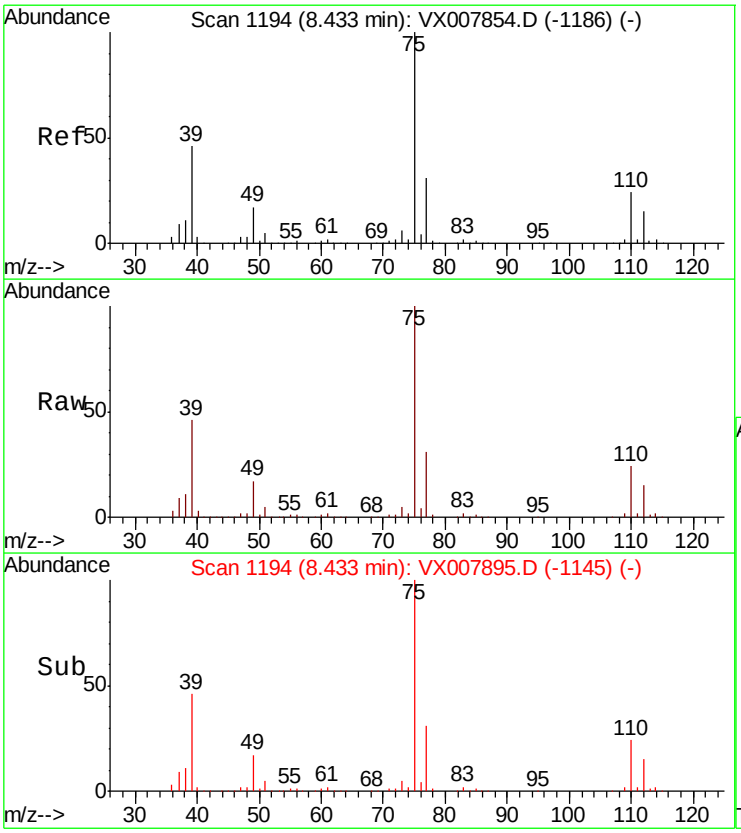

#53
t-1,3-Dichloropropene
Concen: 52.002 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 75 Resp: 180918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.2 | 25.4 | 38.0 |

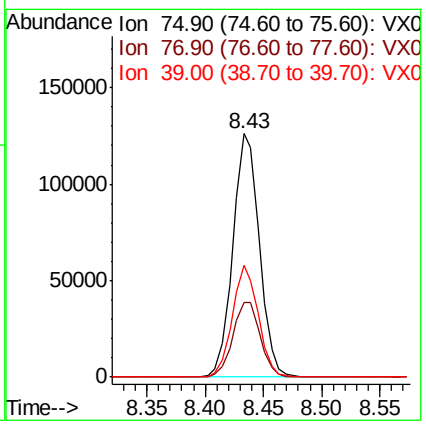


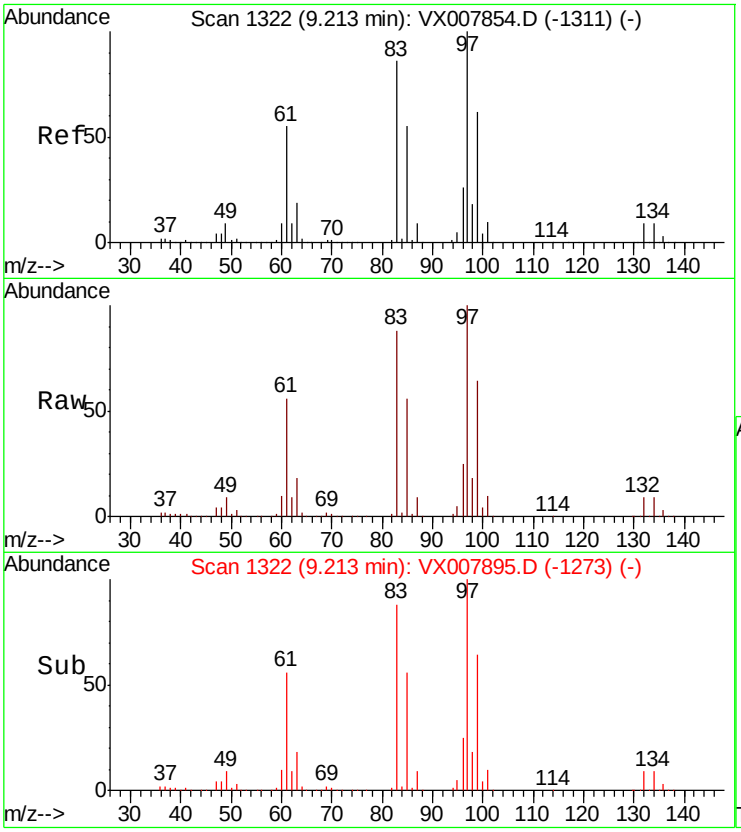




#54
cis-1,3-Dichloropropene
Concen: 50.923 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 75 Resp: 200066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.9 | 25.0 | 37.6 |
| 39 | 45.6 | 36.6 | 54.8 |



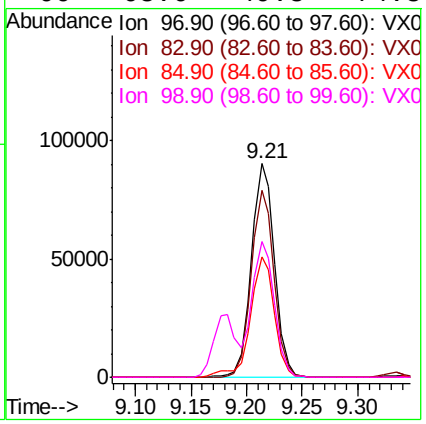


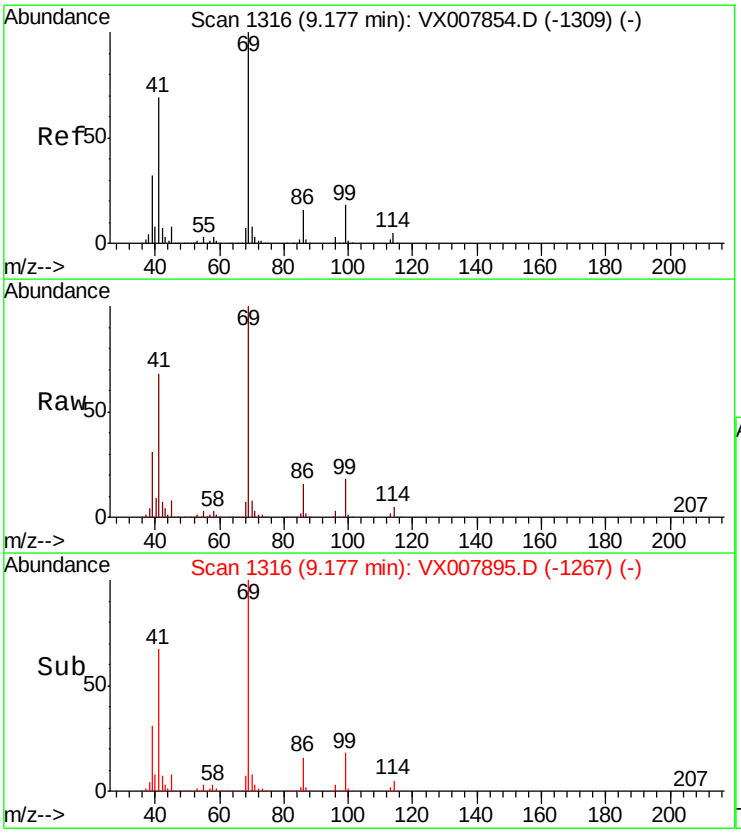

#55
1,1,2-Trichloroethane
Concen: 50.231 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 97 Resp: 130577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 87.8 | 69.1 | 103.7 |
| 85 | 56.3 | 44.3 | 66.5 |
| 99 | 63.6 | 49.8 | 74.8 |

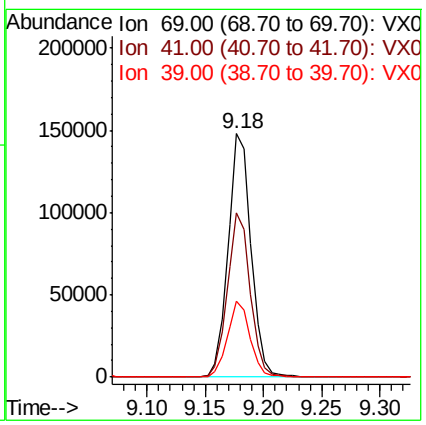


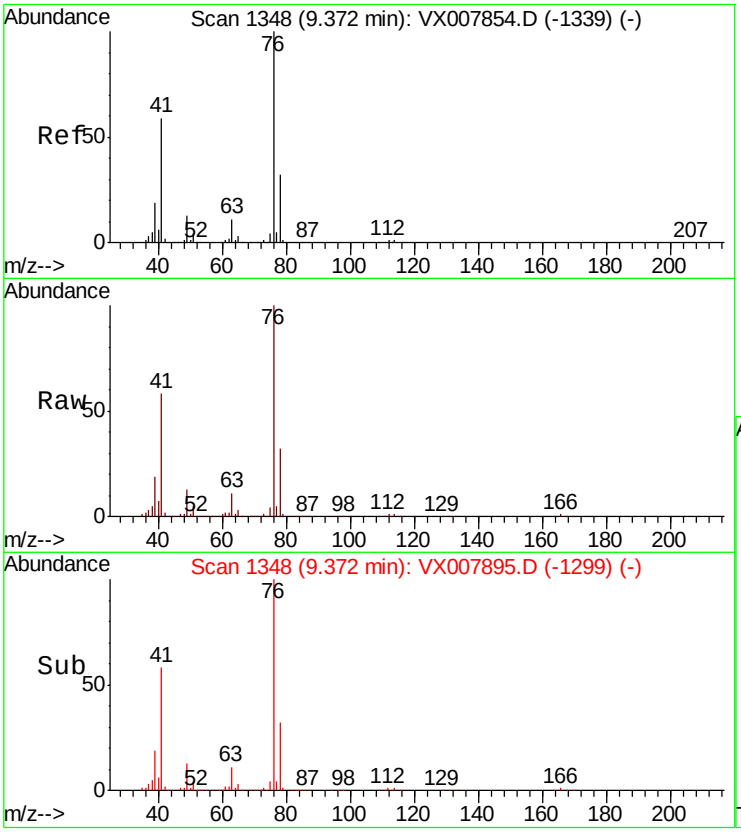




#56
Ethyl methacrylate
Concen: 52.102 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 69 Resp: 203358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 66.7 | 54.2 | 81.4 |
| 39 | 30.7 | 25.0 | 37.4 |



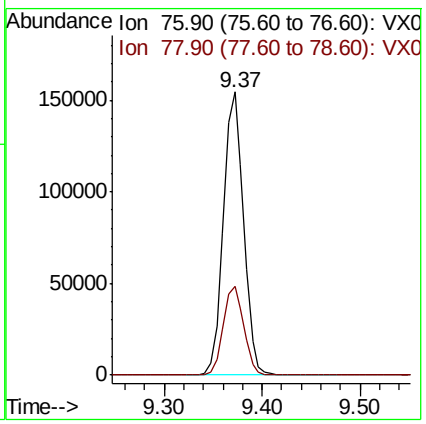


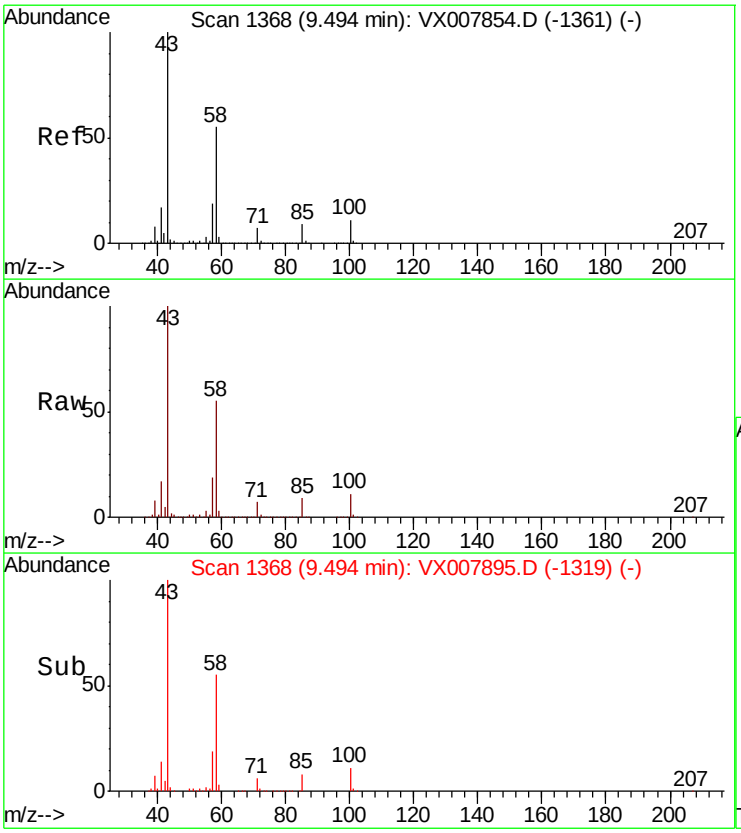

#57
1,3-Dichloropropane
Concen: 50.514 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 76 Resp: 220485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.0 | 25.5 | 38.3 |

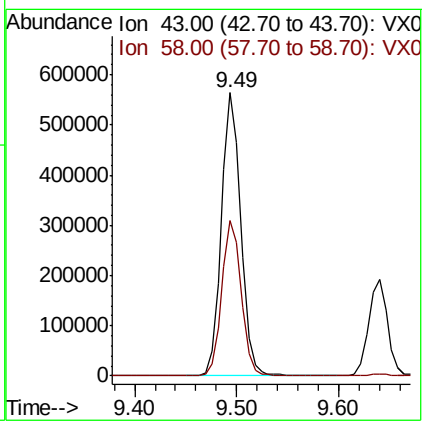


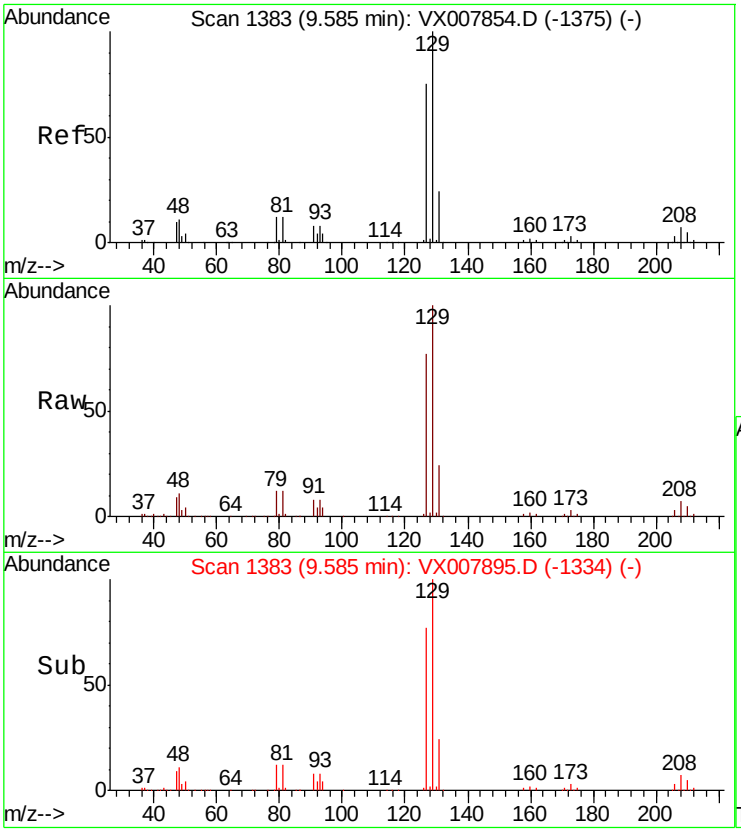




#59
2-Hexanone
Concen: 241.064 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 43 Resp: 746853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 55.1 | 27.6 | 82.7 |



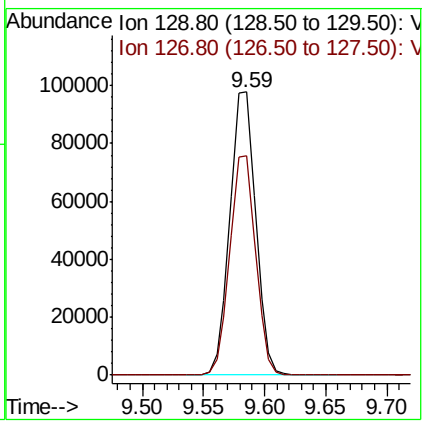


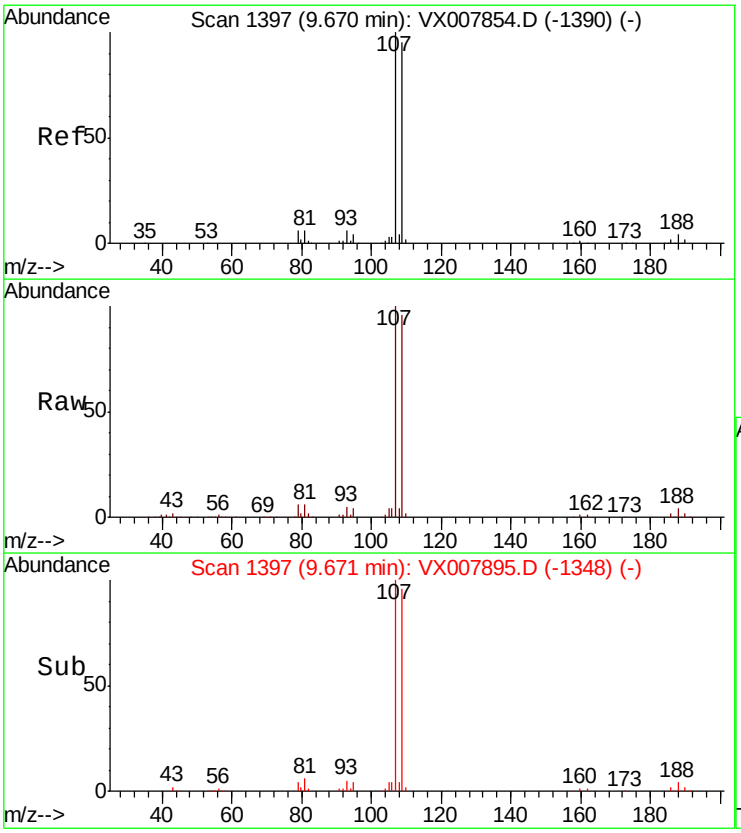

#60
Dibromochloromethane
Concen: 52.449 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:129 Resp: 142511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.3 | 38.3 | 114.8 |

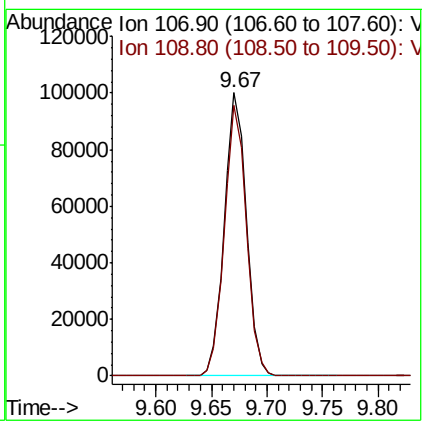


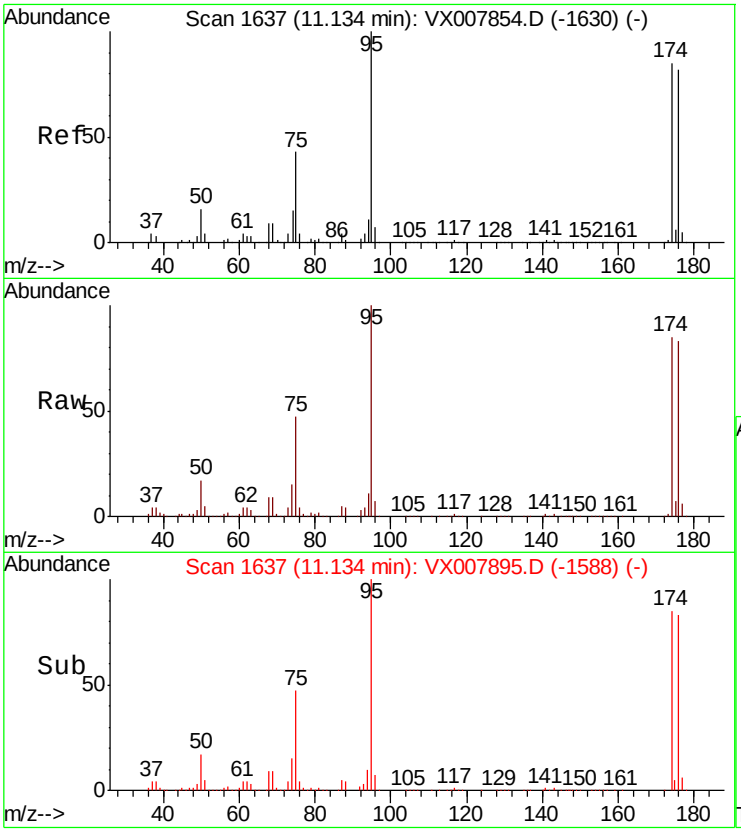




#61
1,2-Dibromoethane
Concen: 49.998 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:107 Resp: 137993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.0 | 75.8 | 113.8 |



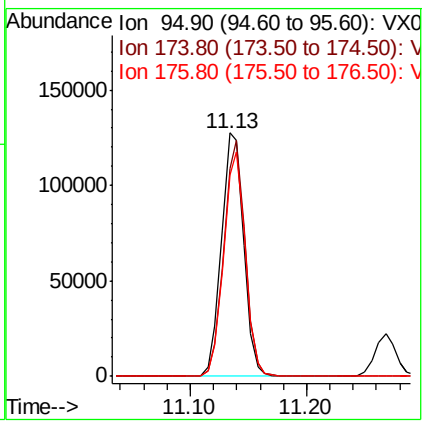


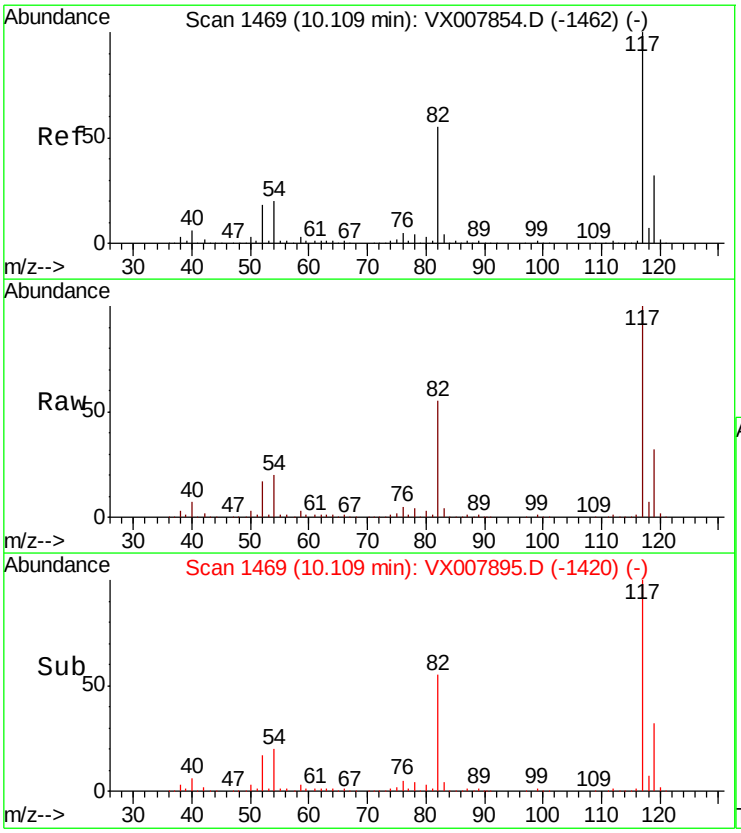

#62
4-Bromofluorobenzene
Concen: 52.321 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 95 Resp: 168149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 92.9 | 0.0 | 182.8 |
| 176 | 89.8 | 0.0 | 178.0 |

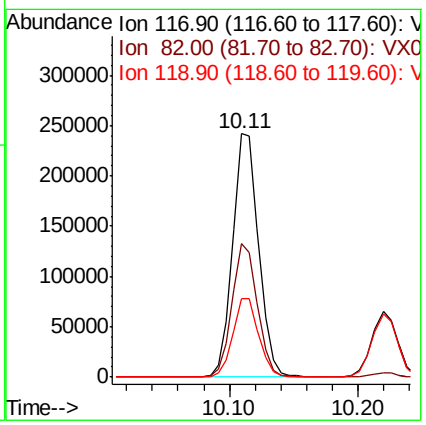


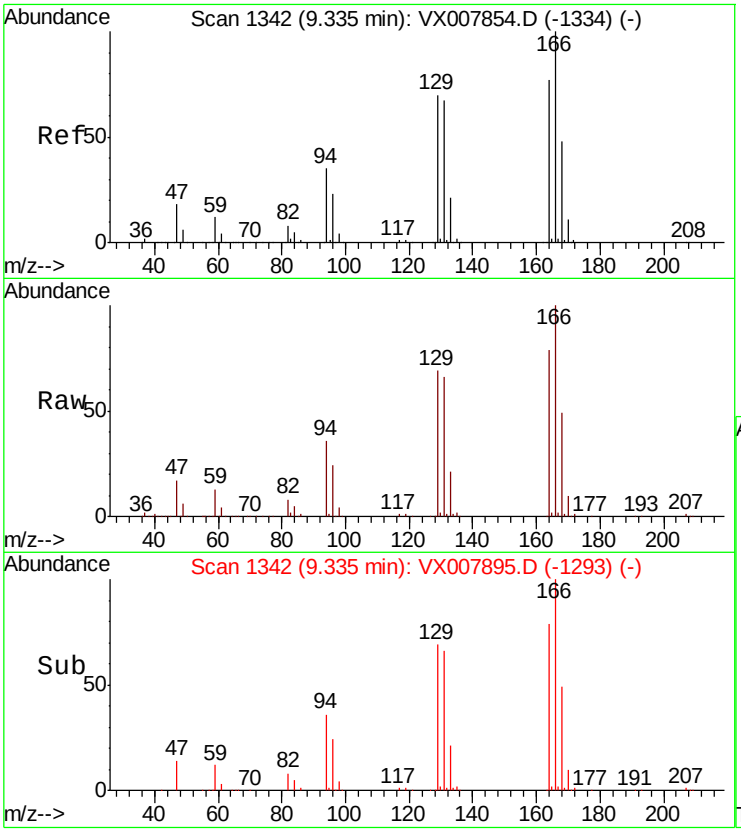




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:117 Resp: 341107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.0 | 44.3 | 66.5 |
| 119 | 32.5 | 25.3 | 37.9 |



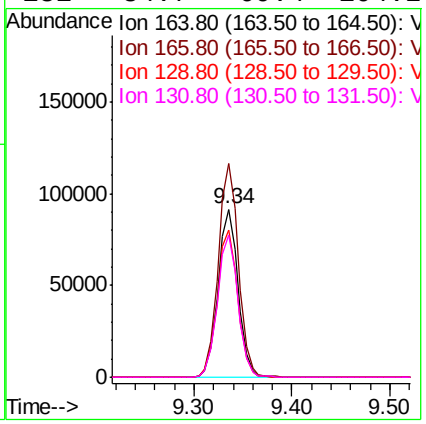


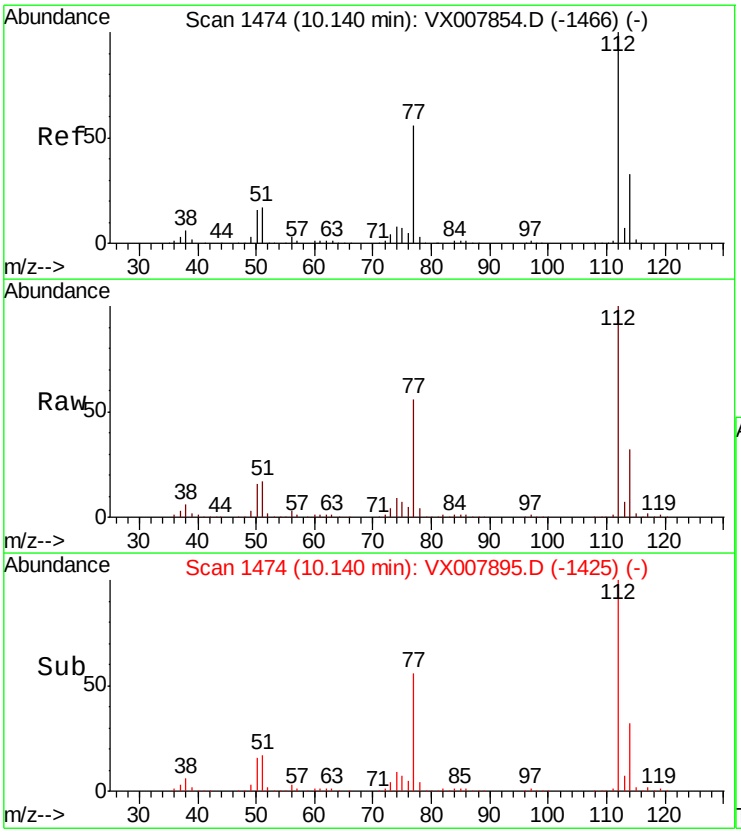

#64
Tetrachloroethene
Concen: 46.054 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:164 Resp: 130181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.3 | 103.4 | 155.0 |
| 129 | 87.9 | 72.2 | 108.4 |
| 131 | 84.7 | 69.4 | 104.2 |

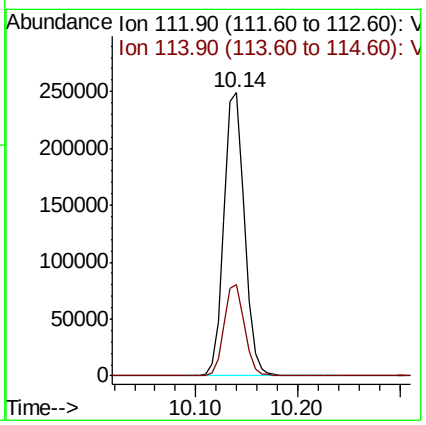


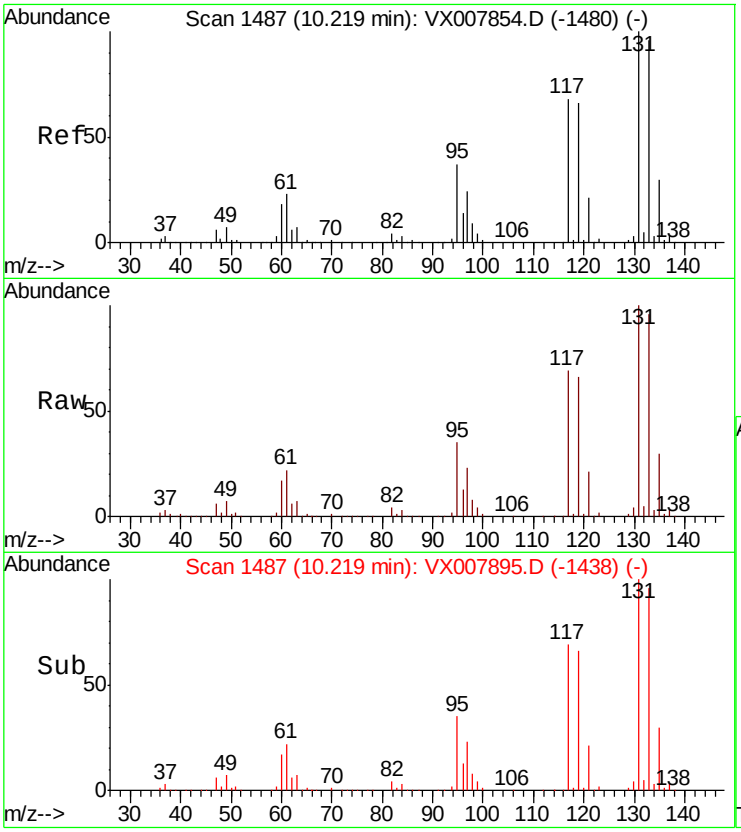




#65
Chlorobenzene
Concen: 48.670 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:112 Resp: 347403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.1 | 26.0 | 39.0 |



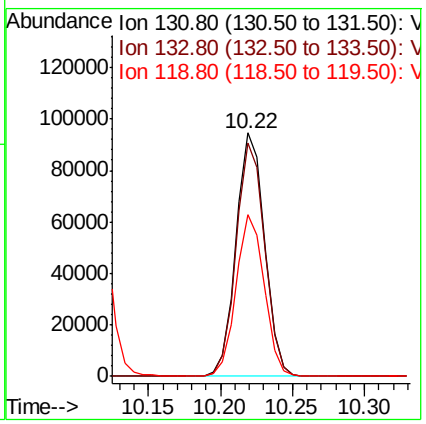


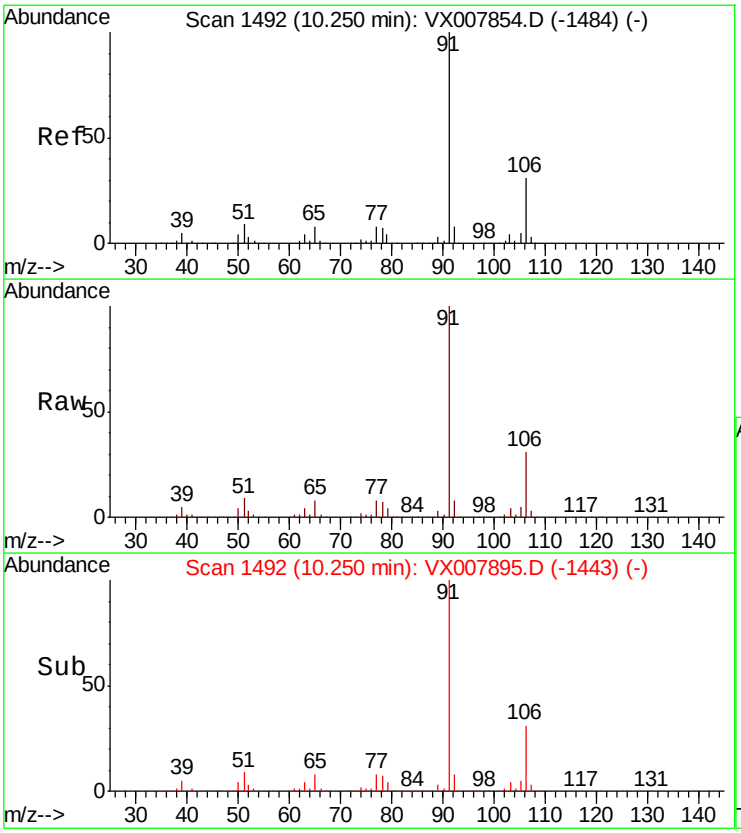

#66
1,1,1,2-Tetrachloroethane
Concen: 50.934 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:131 Resp: 130302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.8 | 47.8 | 143.3 |
| 119 | 65.7 | 32.5 | 97.5 |

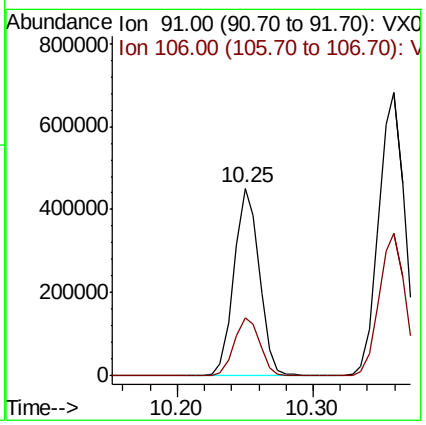


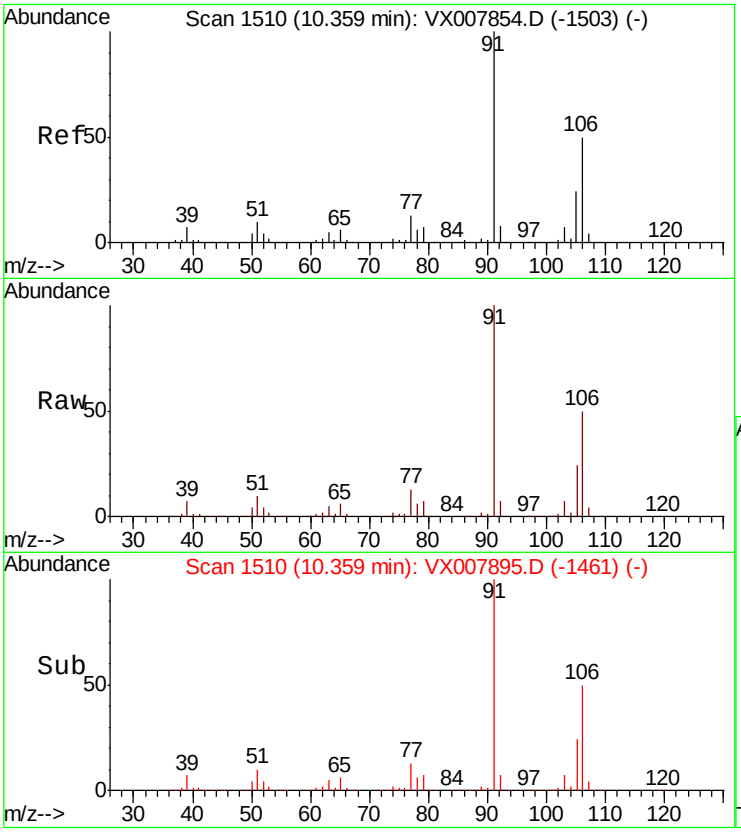




#67
Ethyl Benzene
Concen: 50.073 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 91 Resp: 588340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.8 | 25.2 | 37.8 |



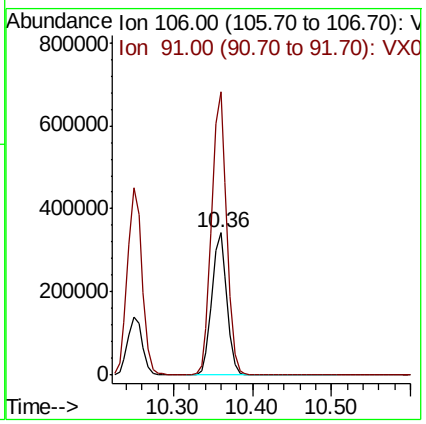


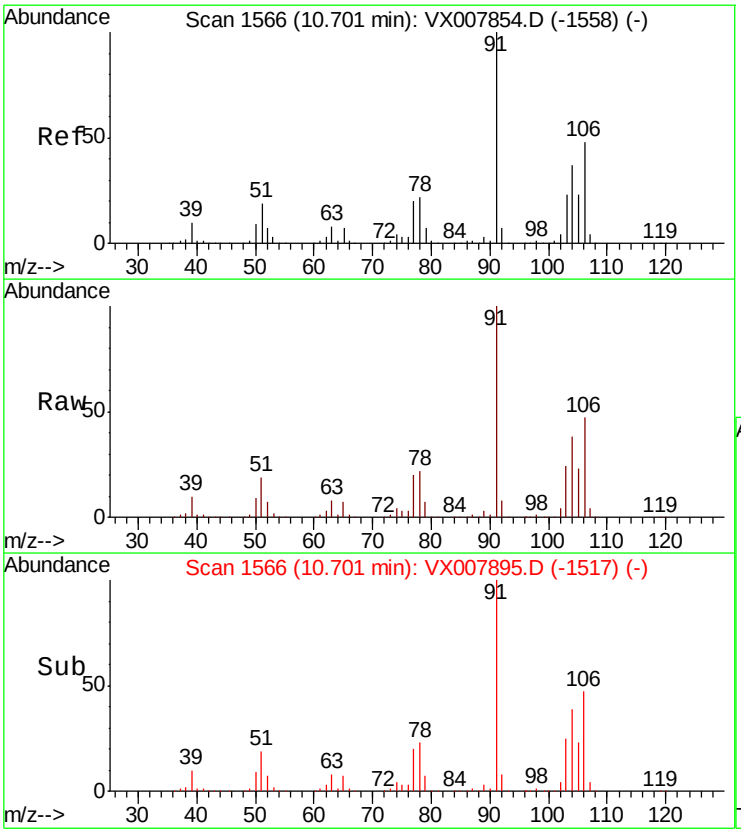

#68
m/p-Xylenes
Concen: 100.711 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:106 Resp: 456117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 200.2 | 159.8 | 239.6 |

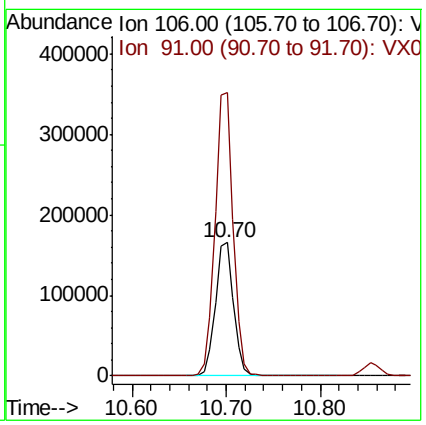


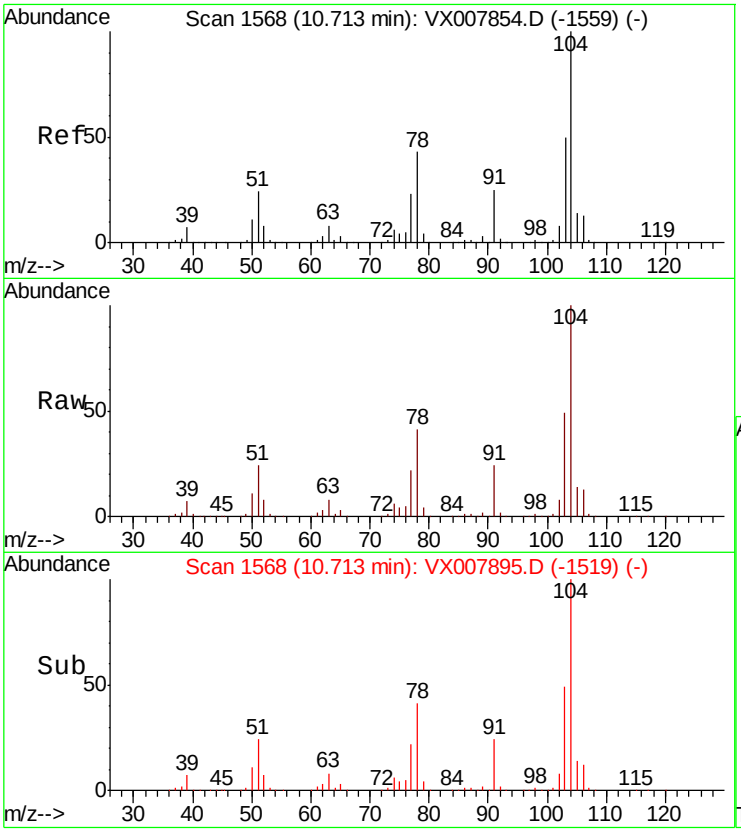




#69
o-Xylene
Concen: 50.327 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:106 Resp: 220053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 212.5 | 106.3 | 318.9 |



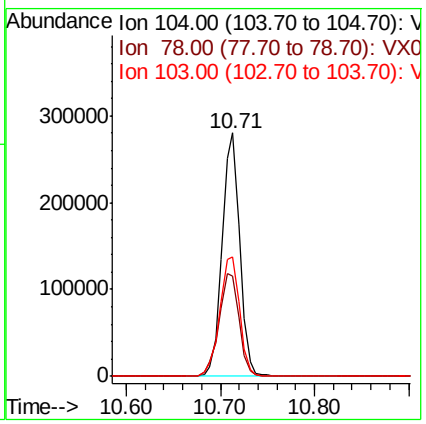


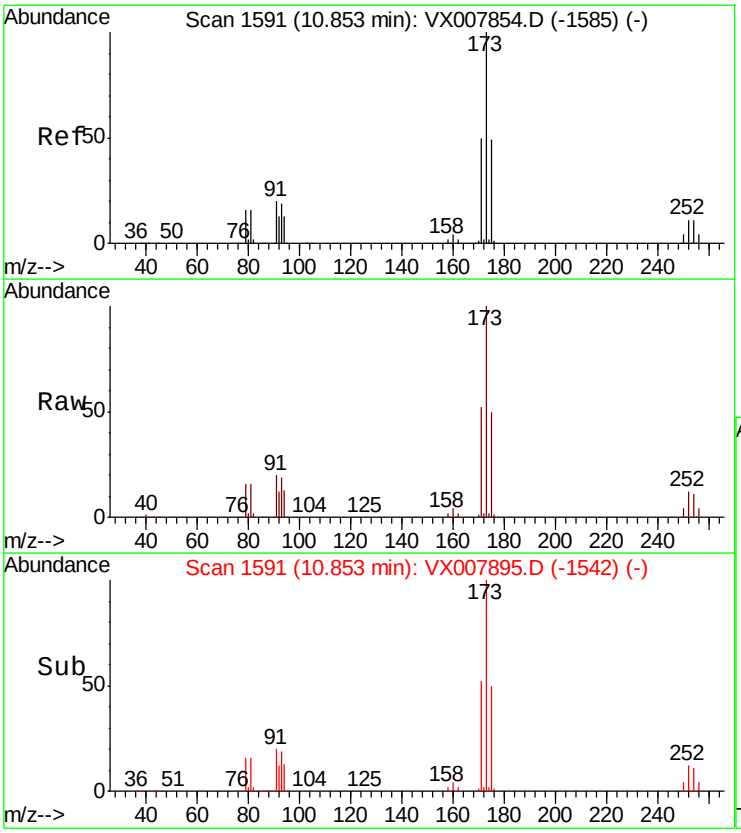

#70
Styrene
Concen: 50.687 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:104 Resp: 362667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.1 | 38.5 | 57.7 |
| 103 | 55.5 | 44.1 | 66.1 |

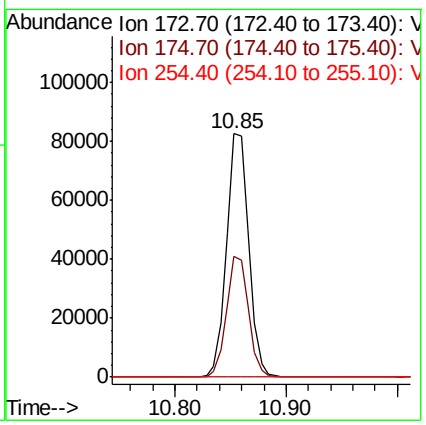


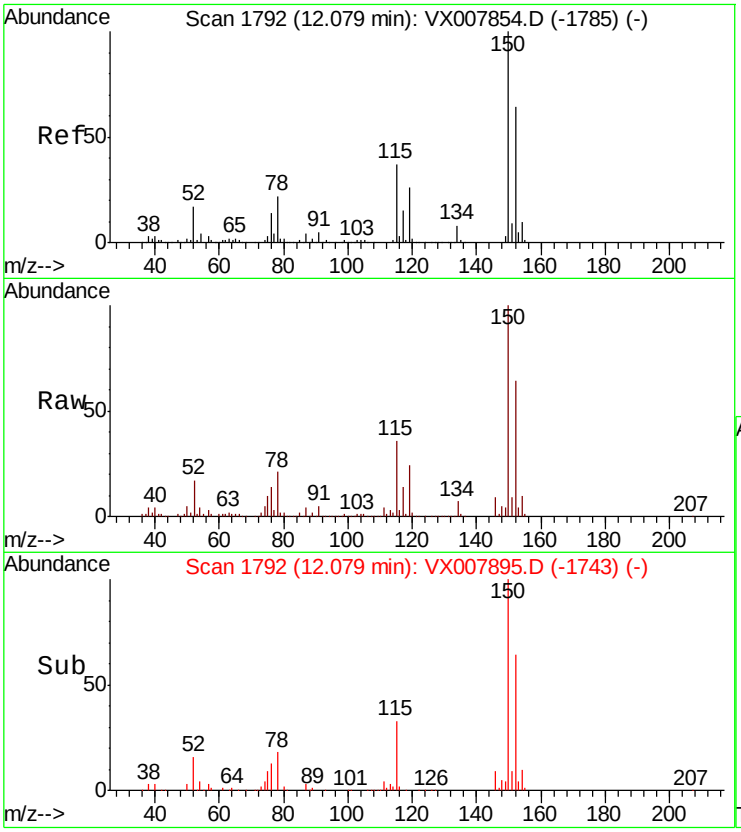




#71
Bromoform
Concen: 51.707 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:173 Resp: 113596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.2 | 24.3 | 72.9 |
| 254 | 0.2 | 0.1 | 0.1# |



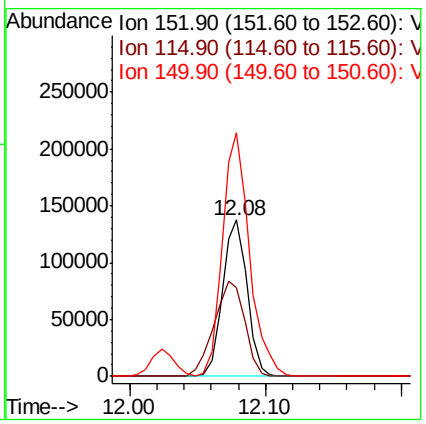


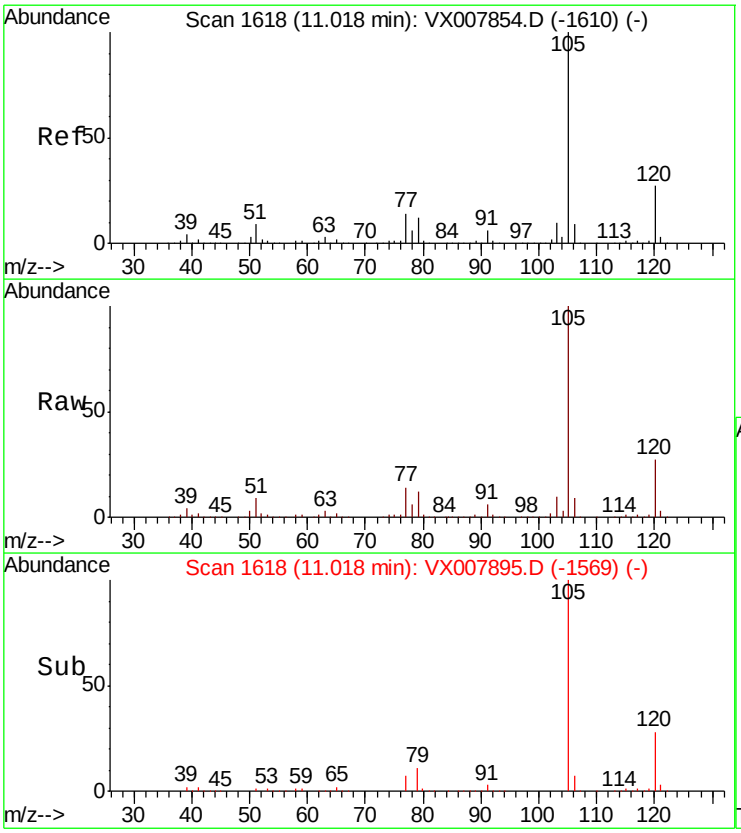

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:152 Resp: 171024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 76.4 | 38.6 | 115.7 |
| 150 | 172.2 | 0.0 | 348.4 |

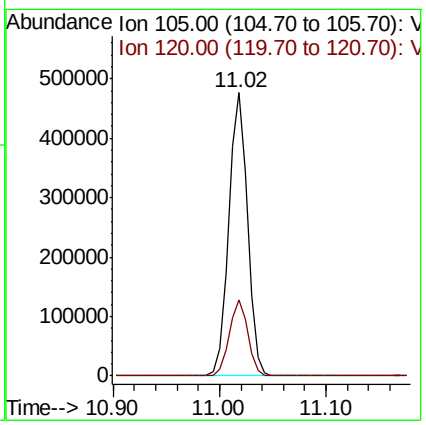


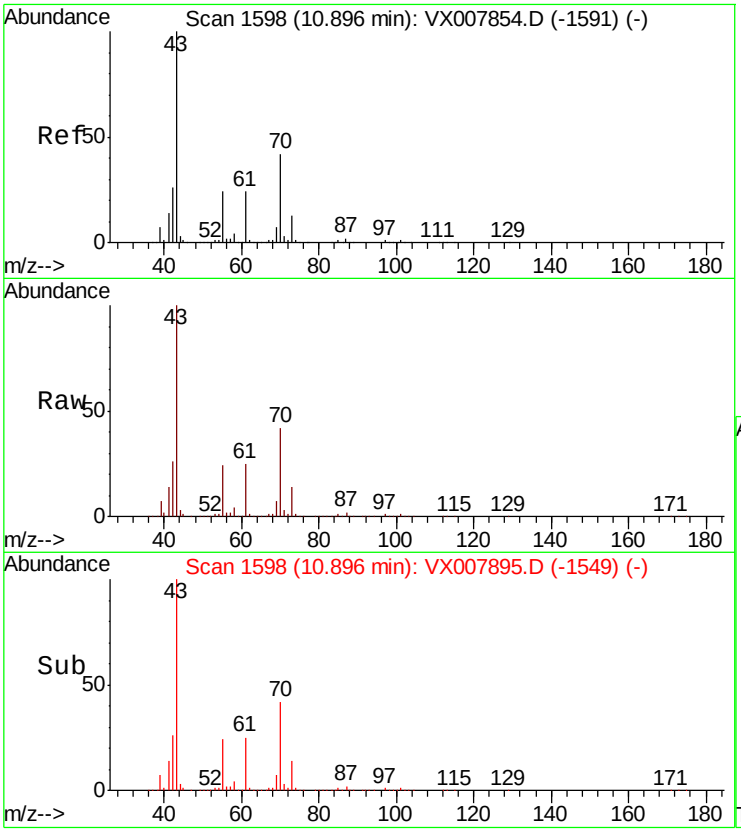




#73
Isopropylbenzene
Concen: 50.907 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:105 Resp: 588823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.7 | 13.4 | 40.1 |



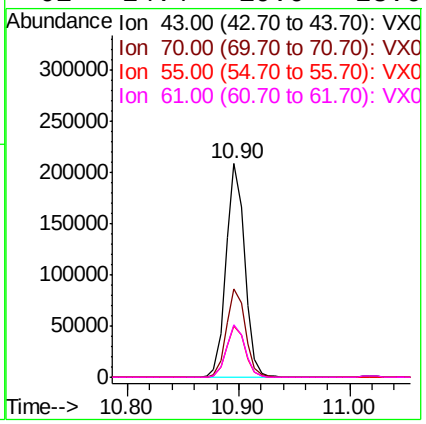


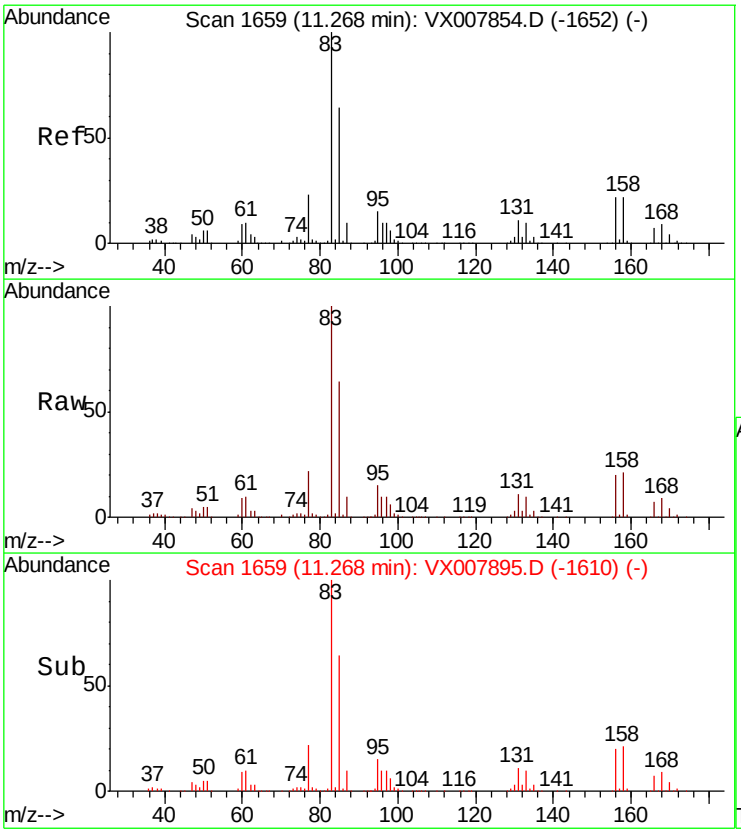

#74
N-amyl acetate
Concen: 45.640 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :** MSVOA_X
**ClientSampleId :** SW-2MSD

Tgt Ion: 43 Resp: 241000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 42.2 | 33.5 | 50.3 |
| 55 | 24.5 | 19.2 | 28.8 |
| 61 | 24.4 | 19.0 | 28.6 |

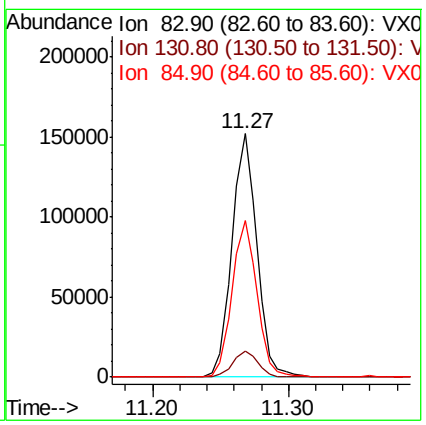


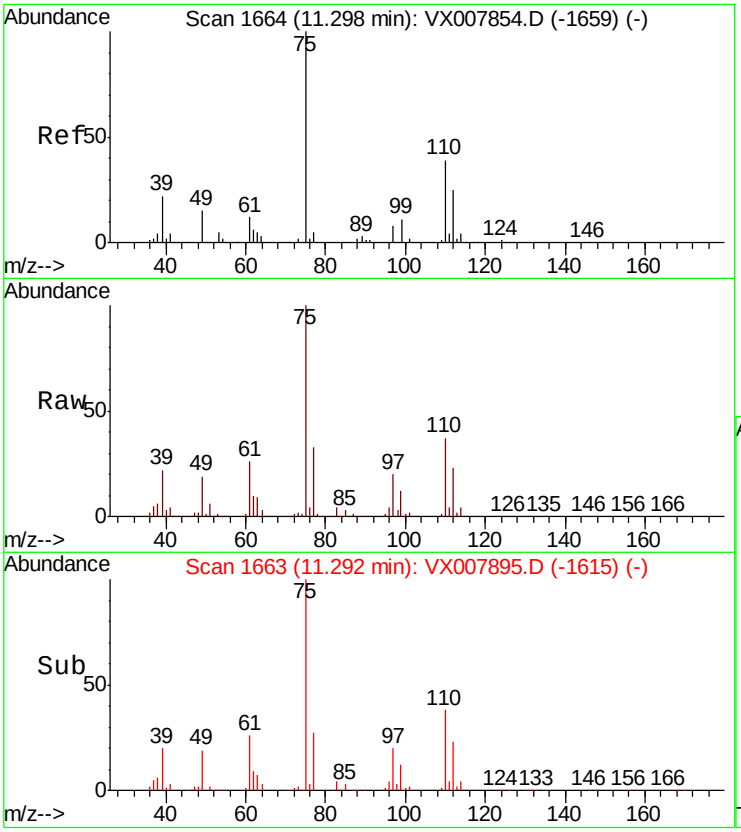




#75
1,1,2,2-Tetrachloroethane
Concen: 48.590 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 83 Resp: 193863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.6 | 5.4 | 16.2 |
| 85 | 64.4 | 32.3 | 96.8 |



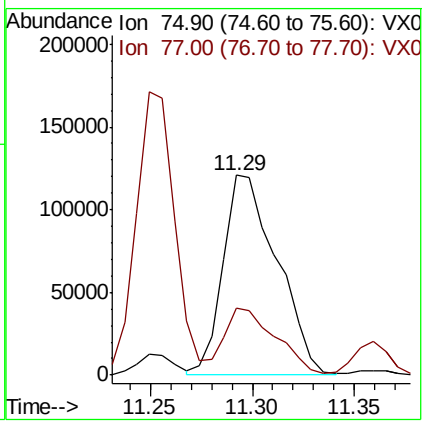


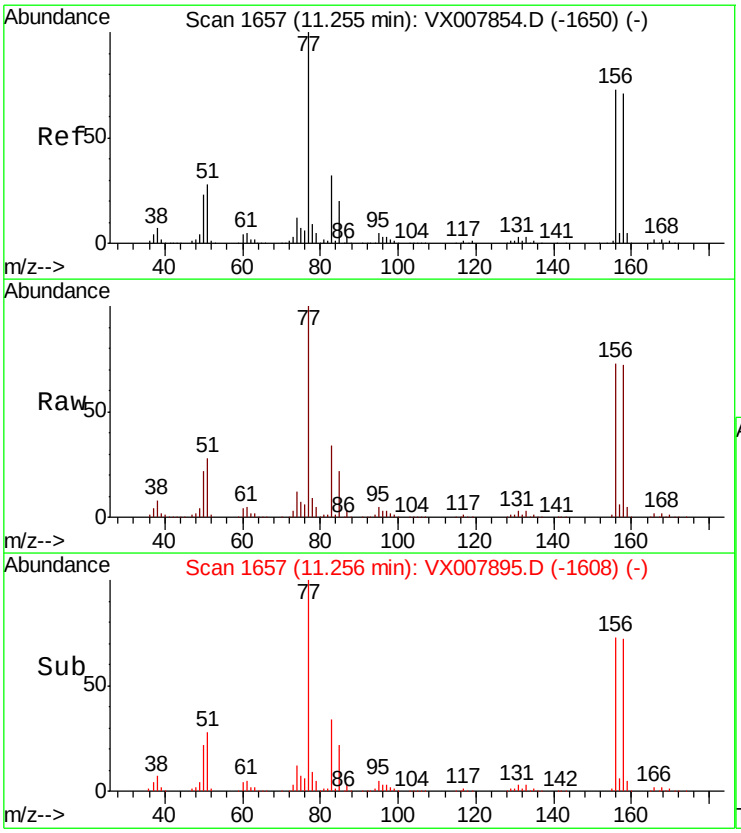

#76
1,2,3-Trichloropropane
Concen: 61.802 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 75 Resp: 221796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.6 | 18.9 | 56.7 |

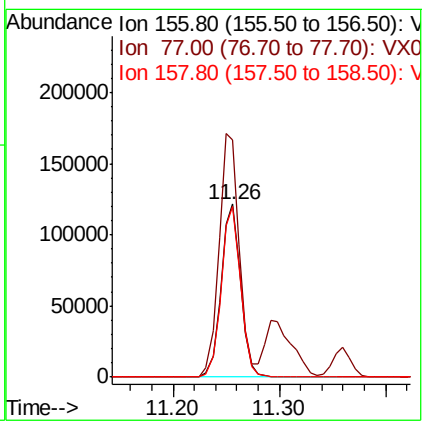


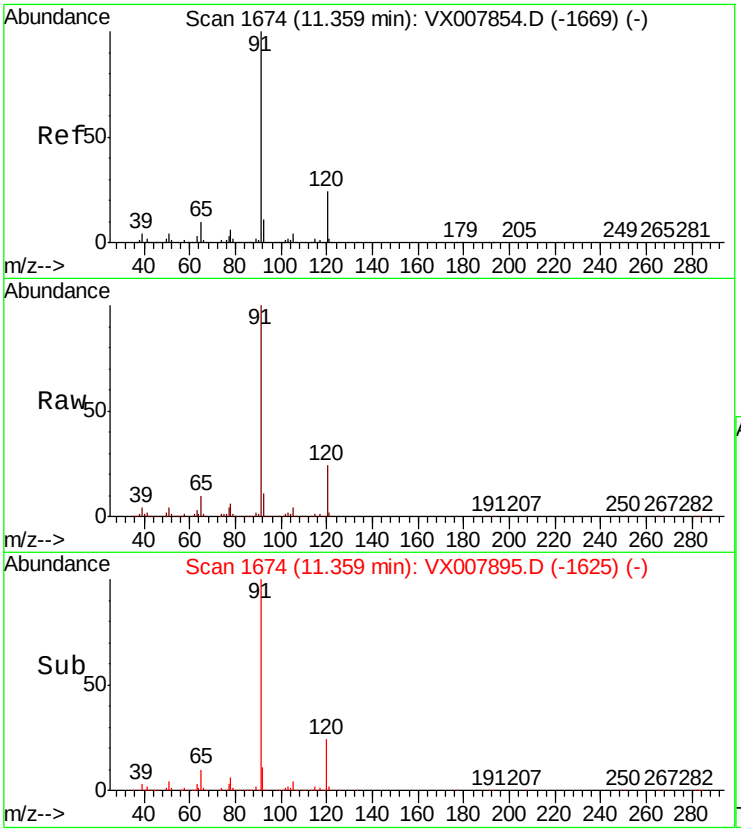




#77
Bromobenzene
Concen: 48.871 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:156 Resp: 154977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 144.0 | 72.0 | 215.9 |
| 158 | 98.1 | 48.6 | 145.9 |



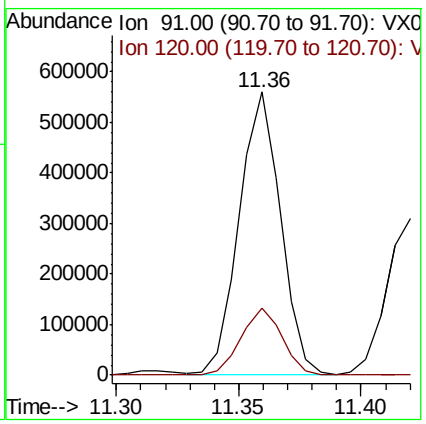


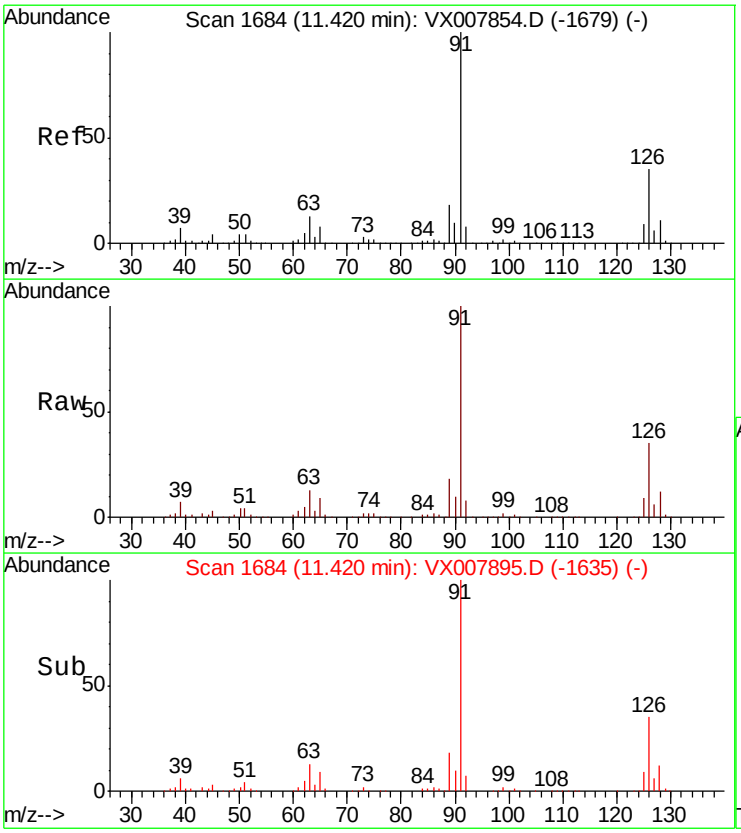

#78
n-propylbenzene
Concen: 51.029 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 91 Resp: 654801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.8 | 12.0 | 36.0 |

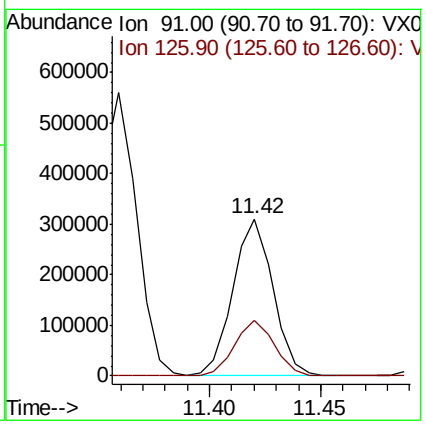


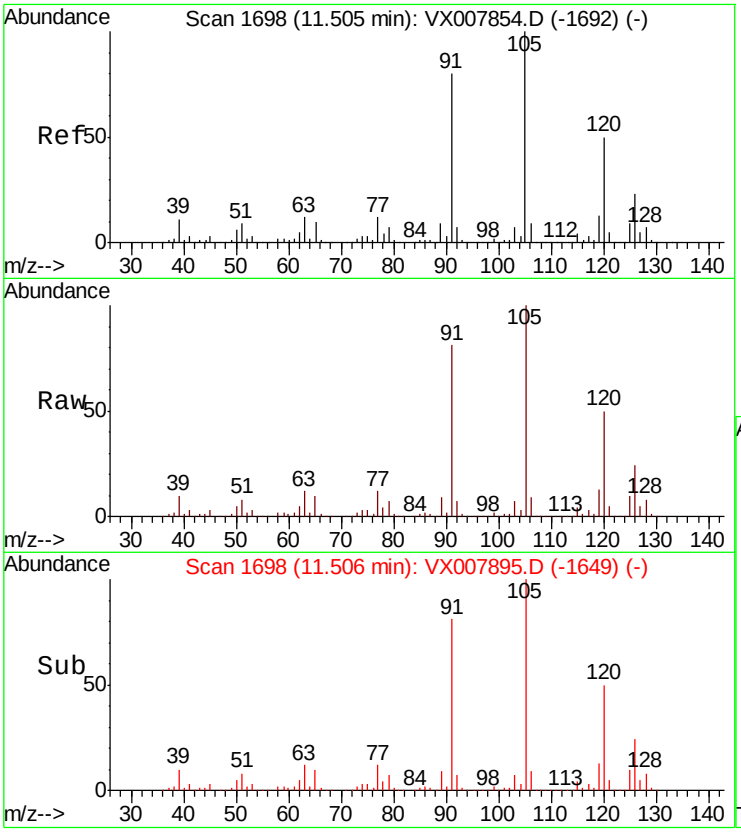




#79
2-Chlorotoluene
Concen: 49.392 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 91 Resp: 387510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.2 | 17.5 | 52.6 |



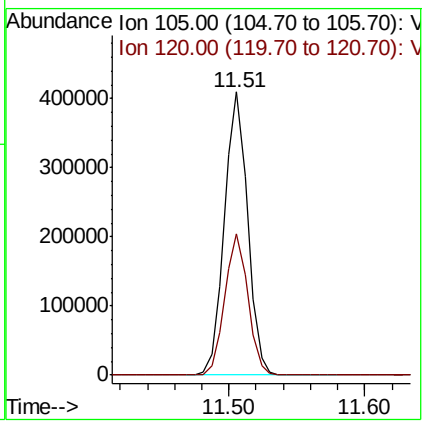


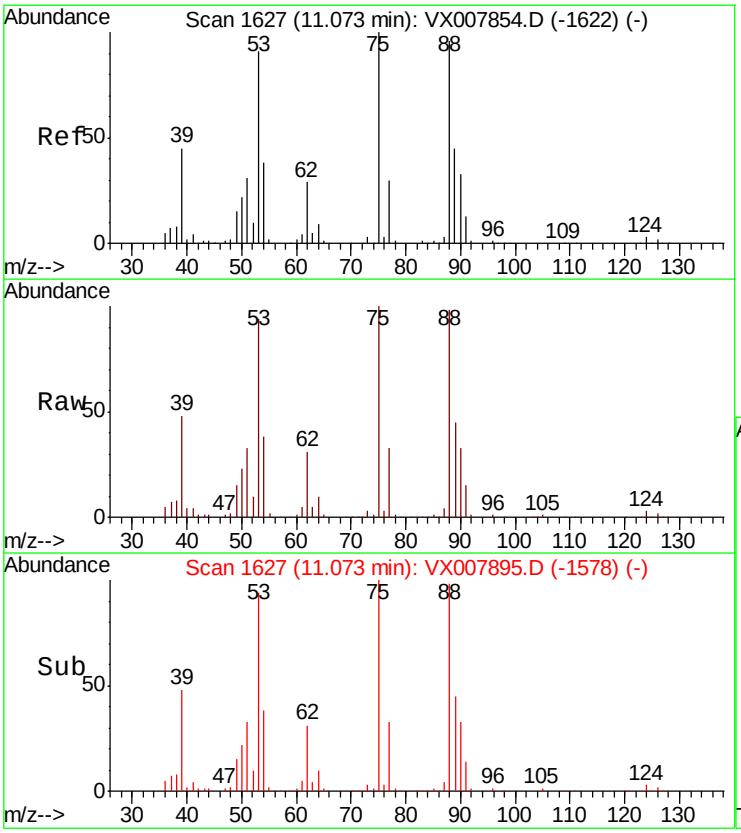

#80
1,3,5-Trimethylbenzene
Concen: 50.748 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:105 Resp: 483120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.6 | 24.9 | 74.6 |

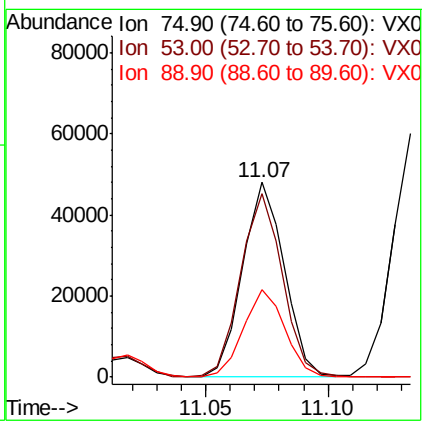


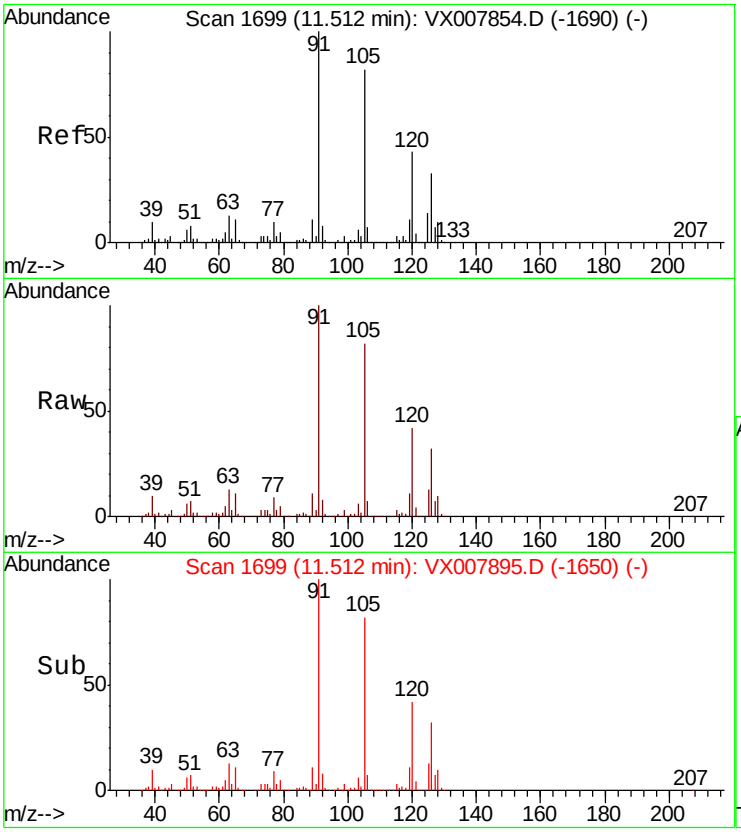




#81
trans-1,4-Dichloro-2-butene
Concen: 50.636 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 75 Resp: 56850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 94.4 | 76.1 | 114.1 |
| 89 | 45.1 | 36.3 | 54.5 |



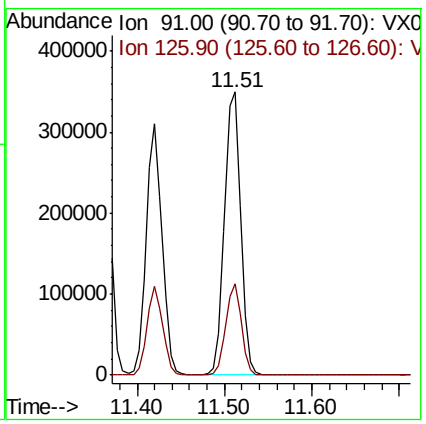


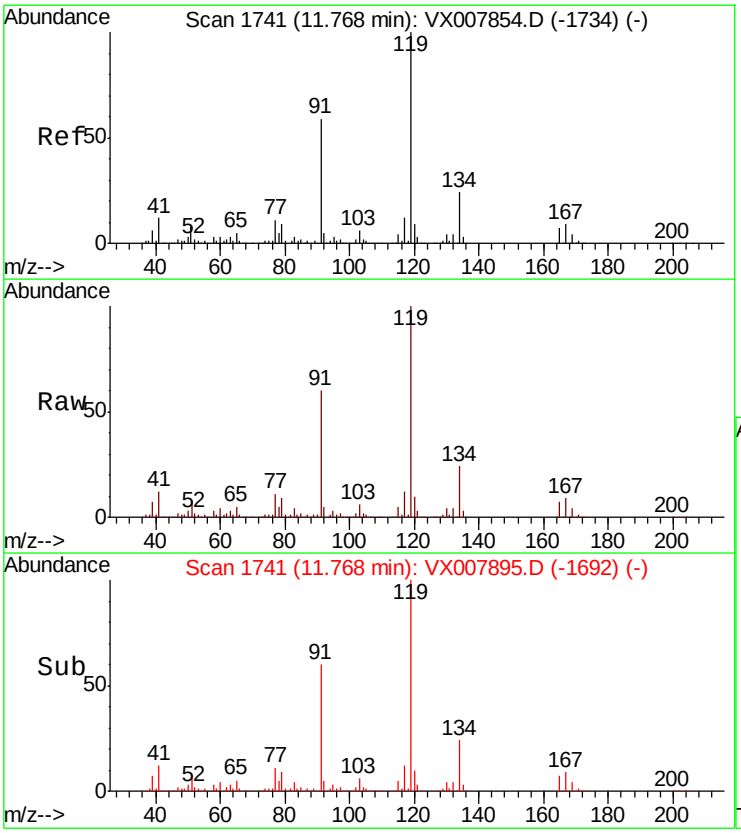

#82
4-Chlorotoluene
Concen: 49.949 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 91 Resp: 449094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.1 | 15.6 | 46.8 |

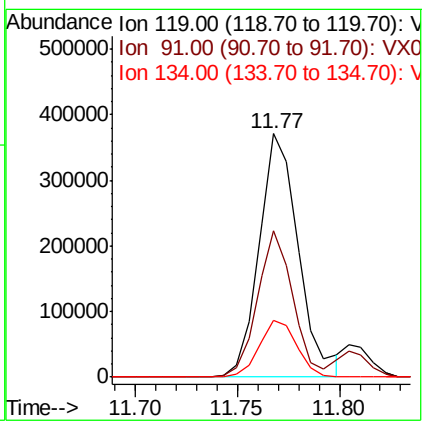


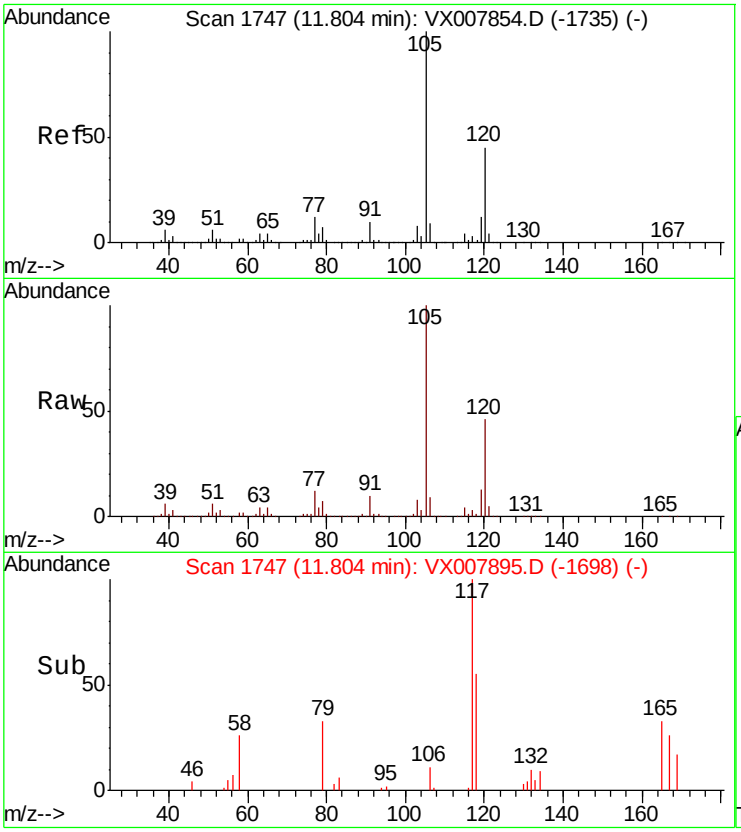




#83
tert-Butylbenzene
Concen: 51.902 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:119 Resp: 497710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 54.1 | 27.1 | 81.3 |
| 134 | 22.4 | 11.4 | 34.1 |



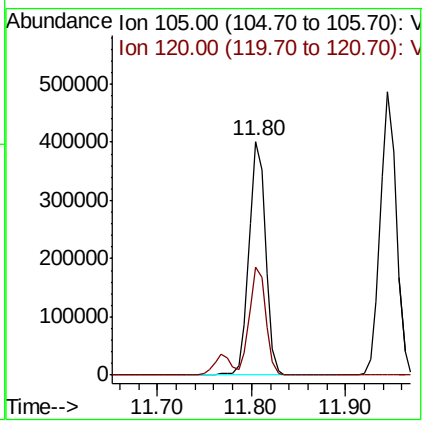


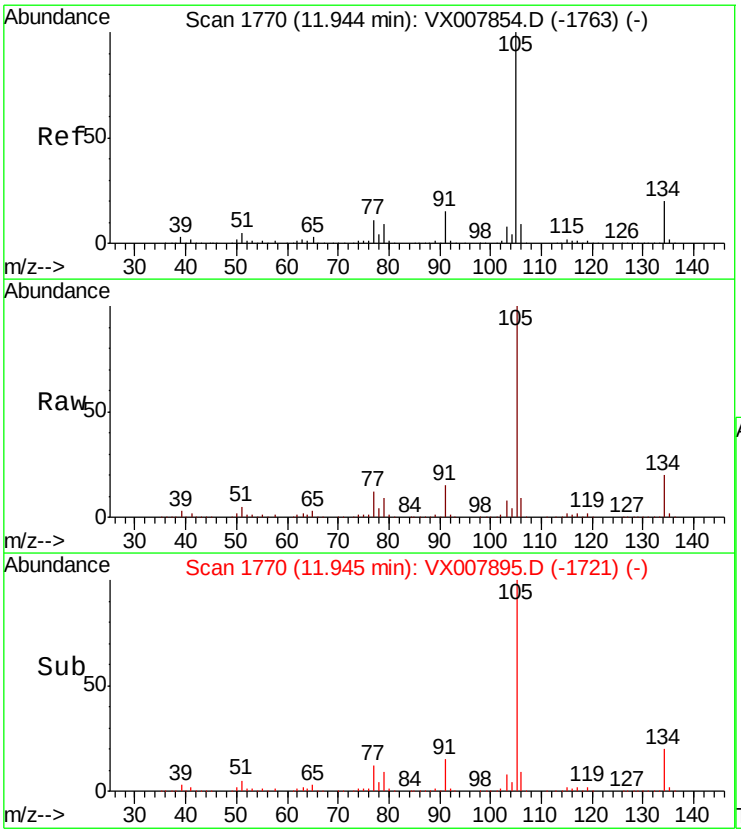

#84
1,2,4-Trimethylbenzene
Concen: 50.916 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:105 Resp: 496893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.3 | 22.6 | 67.7 |

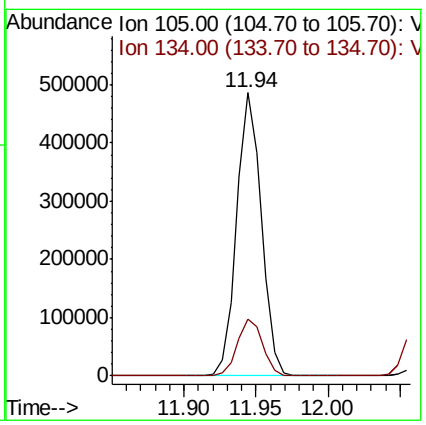


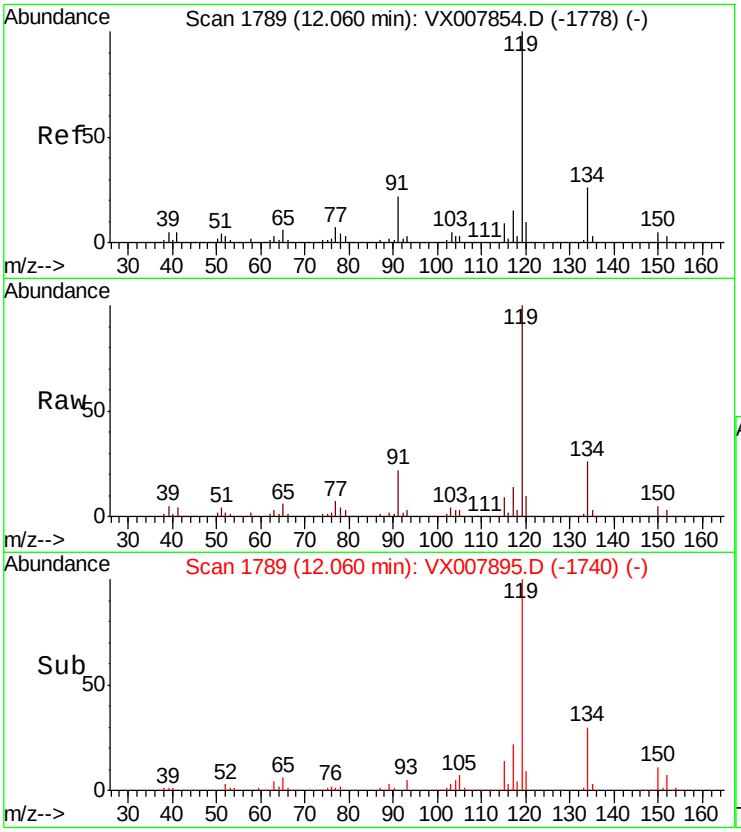




#85
sec-Butylbenzene
Concen: 51.422 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:105 Resp: 580758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.5 | 10.4 | 31.2 |



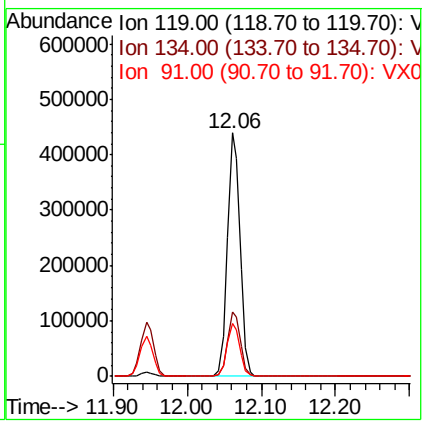


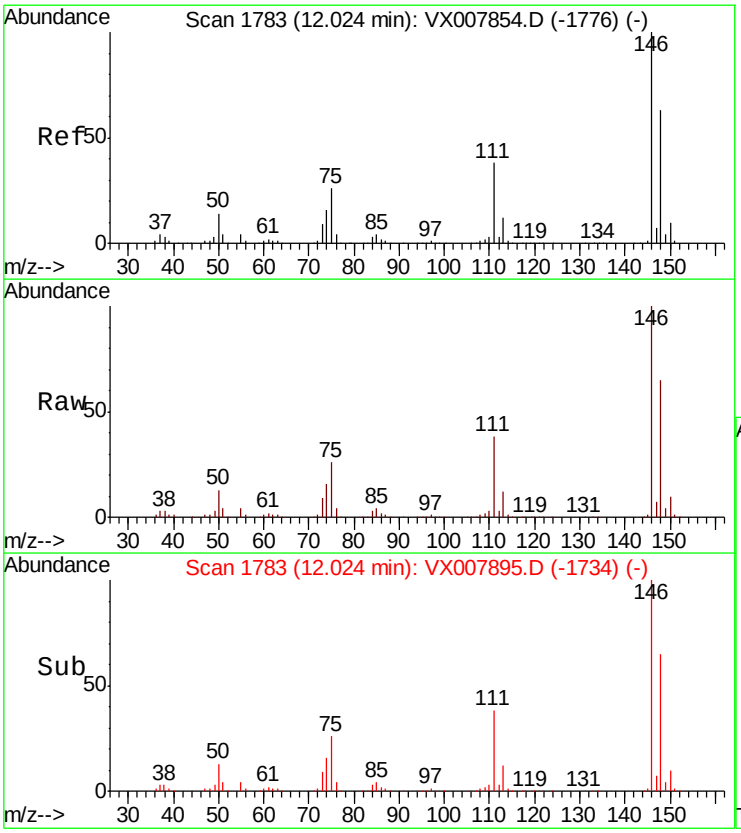

#86
p-Isopropyltoluene
Concen: 51.594 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:119 Resp: 521851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.6 | 13.3 | 39.9 |
| 91 | 22.0 | 10.9 | 32.7 |

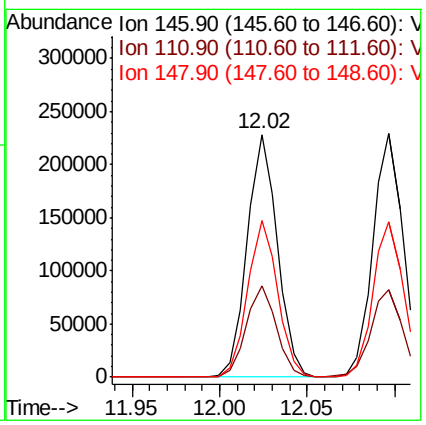


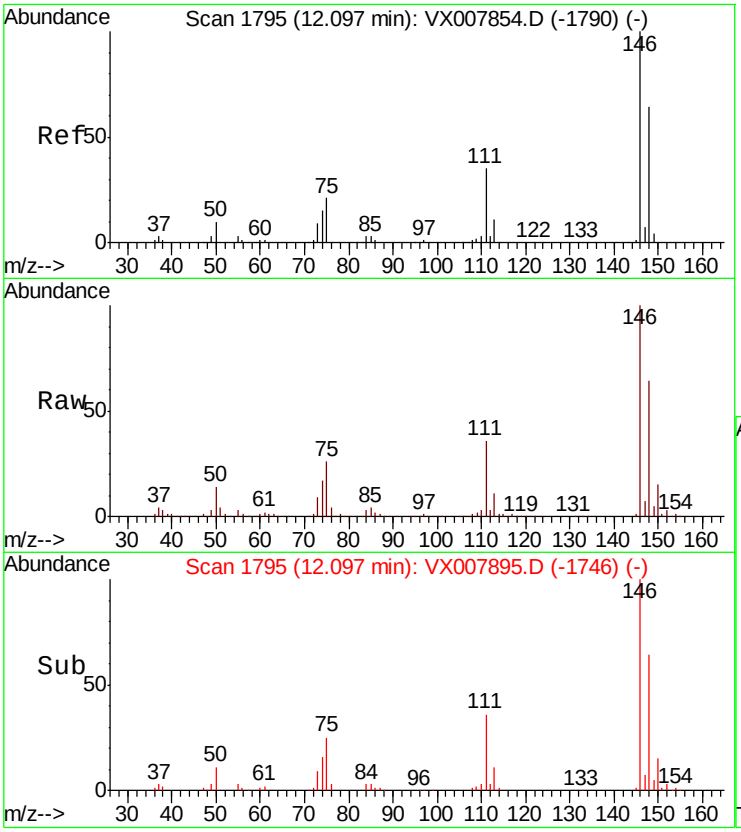




#87
1,3-Dichlorobenzene
Concen: 48.832 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:146 Resp: 273957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.6 | 18.9 | 56.7 |
| 148 | 64.2 | 31.7 | 95.1 |



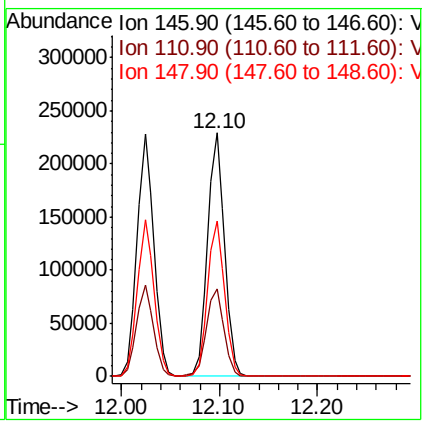


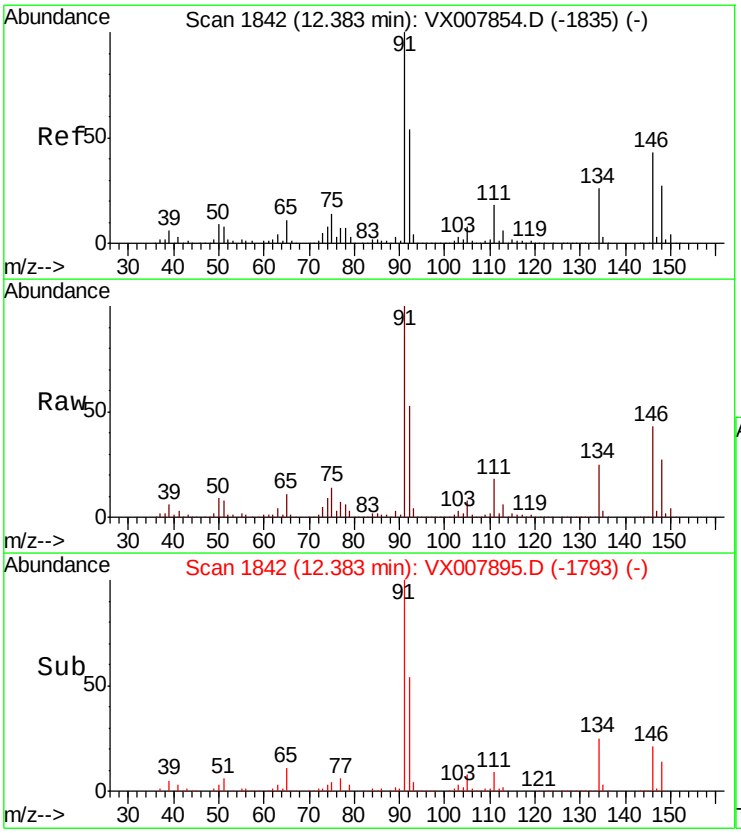

#88
1,4-Dichlorobenzene
Concen: 47.979 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:146 Resp: 275658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.9 | 18.4 | 55.0 |
| 148 | 64.0 | 32.2 | 96.6 |

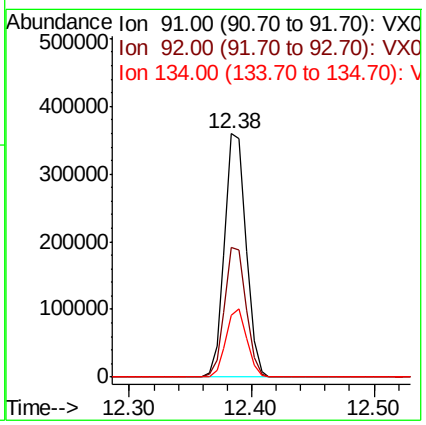


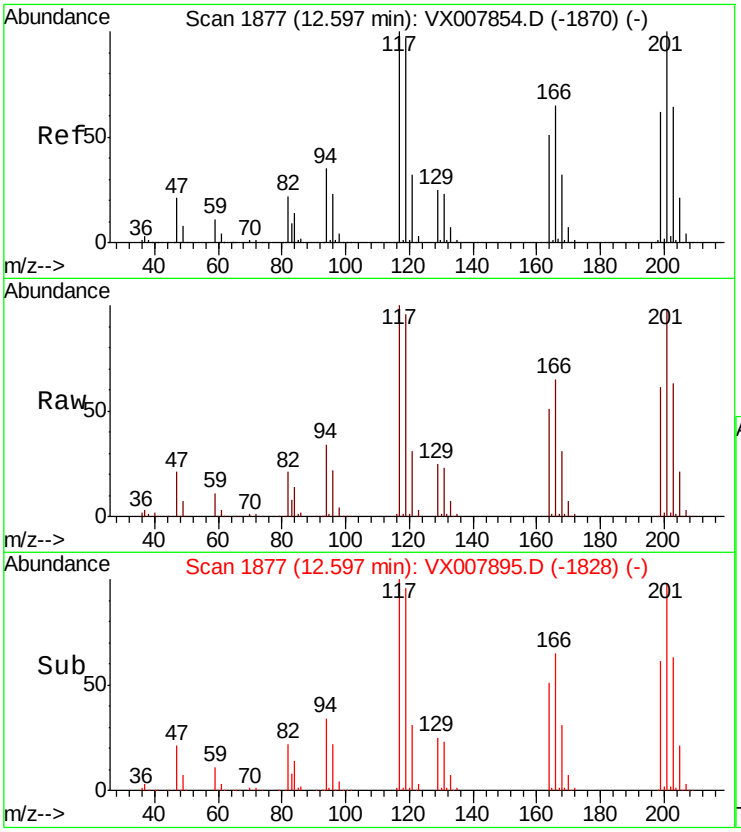




#89
n-Butylbenzene
Concen: 50.999 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion: 91 Resp: 437022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.4 | 27.0 | 80.8 |
| 134 | 27.3 | 13.7 | 41.0 |



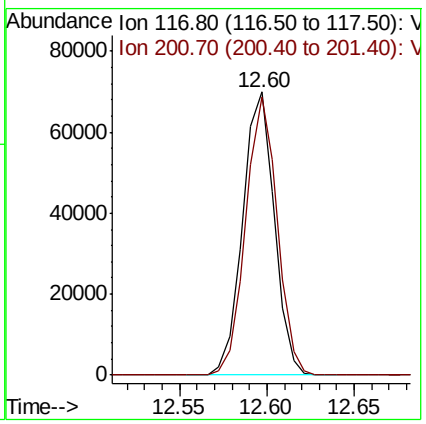


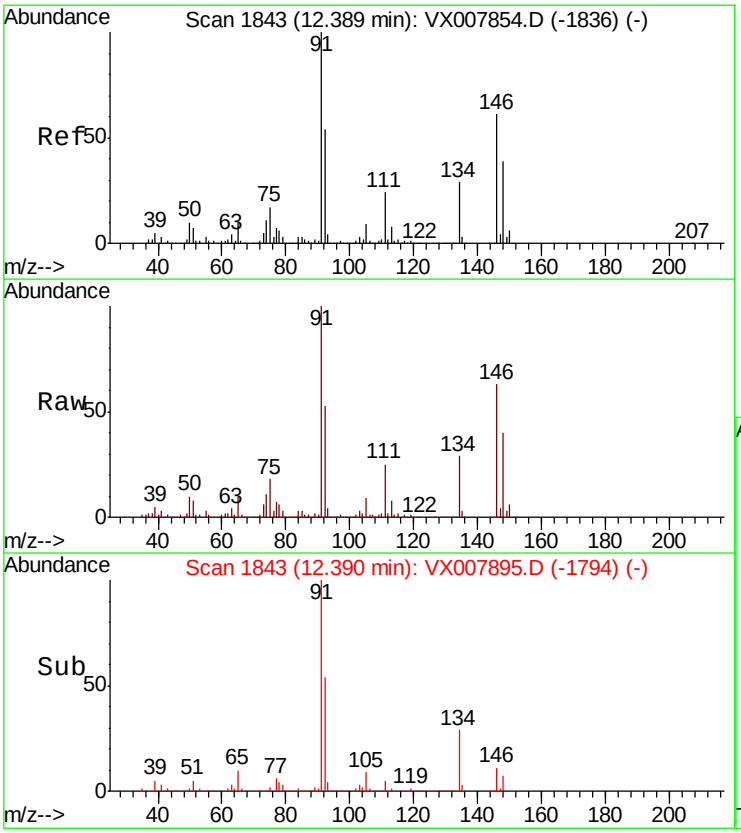

#90
Hexachloroethane
Concen: 52.083 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:117 Resp: 88078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 97.7 | 48.9 | 146.7 |

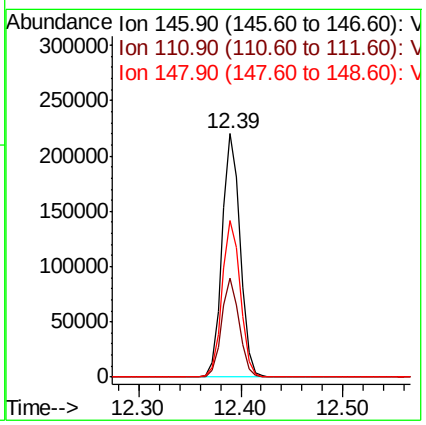


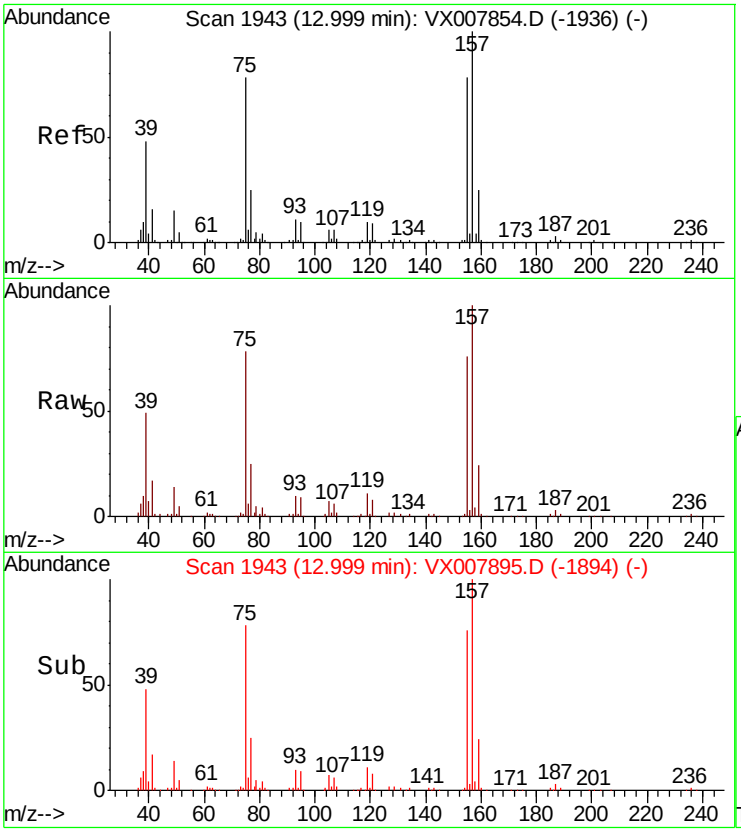




#91
1,2-Dichlorobenzene
Concen: 48.571 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:146 Resp: 270703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.6 | 19.6 | 58.8 |
| 148 | 64.7 | 31.9 | 95.5 |



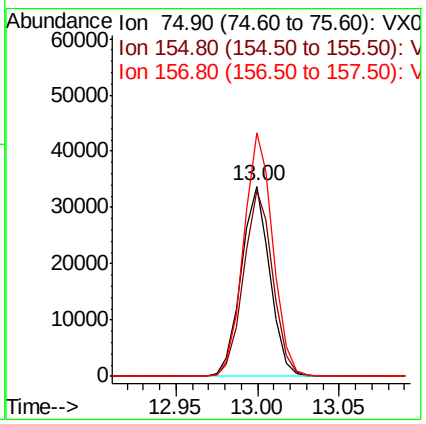


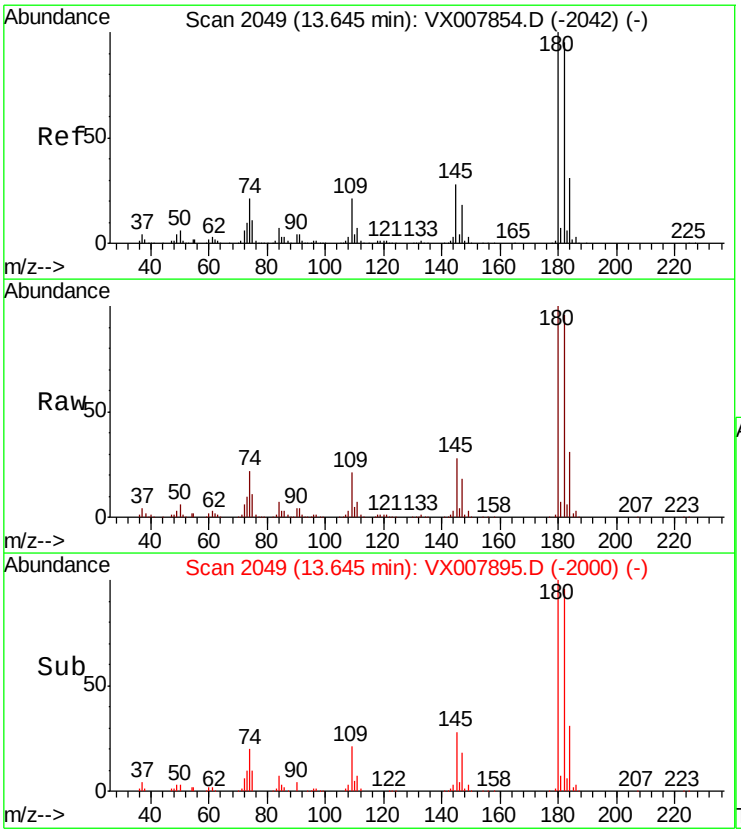

#92
1,2-Dibromo-3-Chloropropane
Concen: 49.468 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion: 75 Resp: 41248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 100.1 | 49.7 | 149.1 |
| 157 | 130.8 | 63.8 | 191.4 |

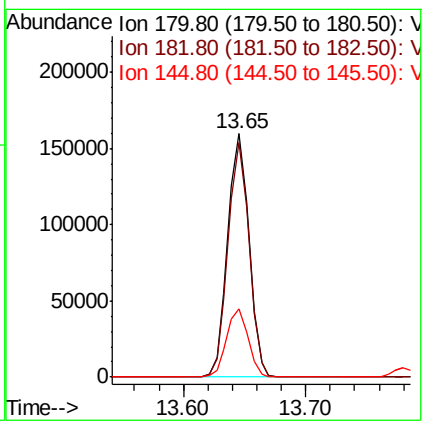


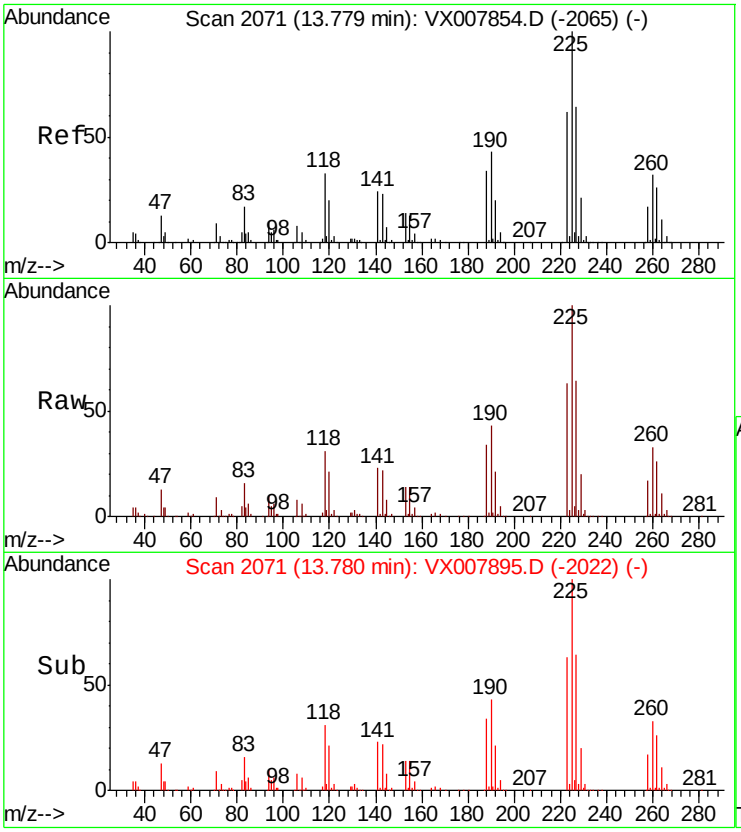




#93
1,2,4-Trichlorobenzene
Concen: 49.027 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:180 Resp: 191953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 47.9 | 143.7 |
| 145 | 28.4 | 14.1 | 42.4 |



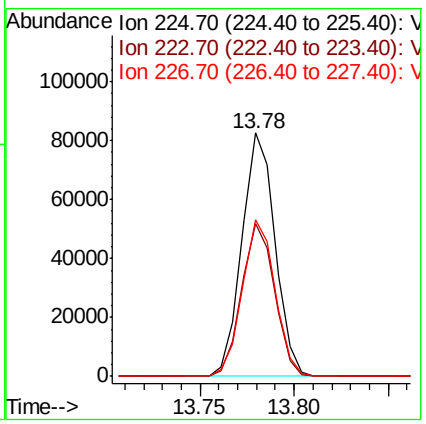


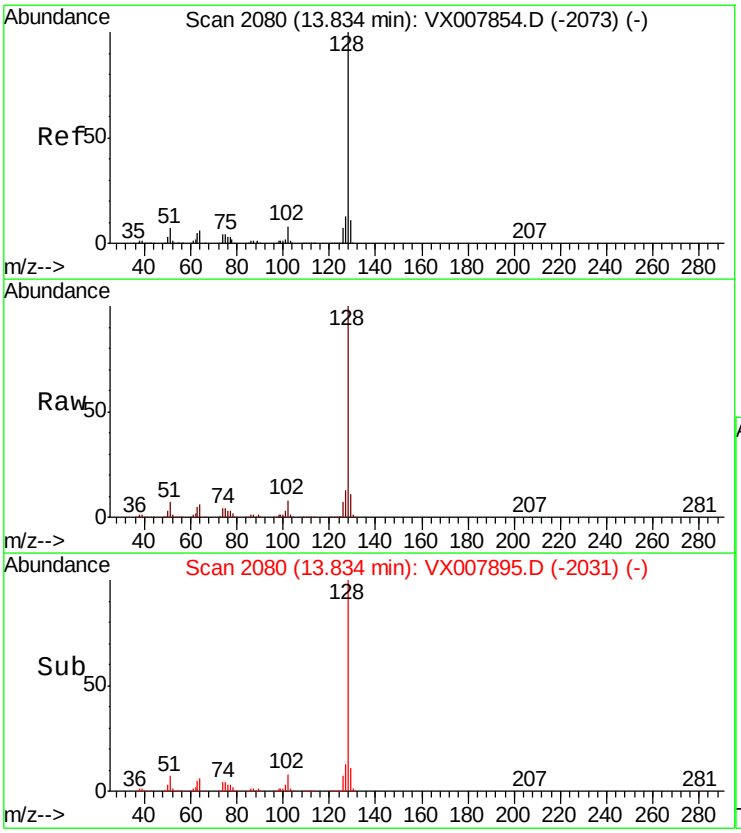

#94
Hexachlorobutadiene
Concen: 49.125 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:225 Resp: 100559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 31.1 | 93.2 |
| 227 | 63.7 | 32.0 | 96.0 |

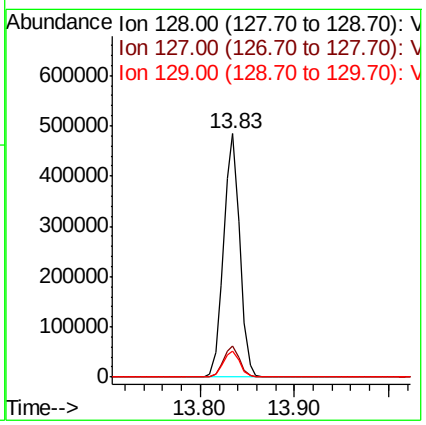


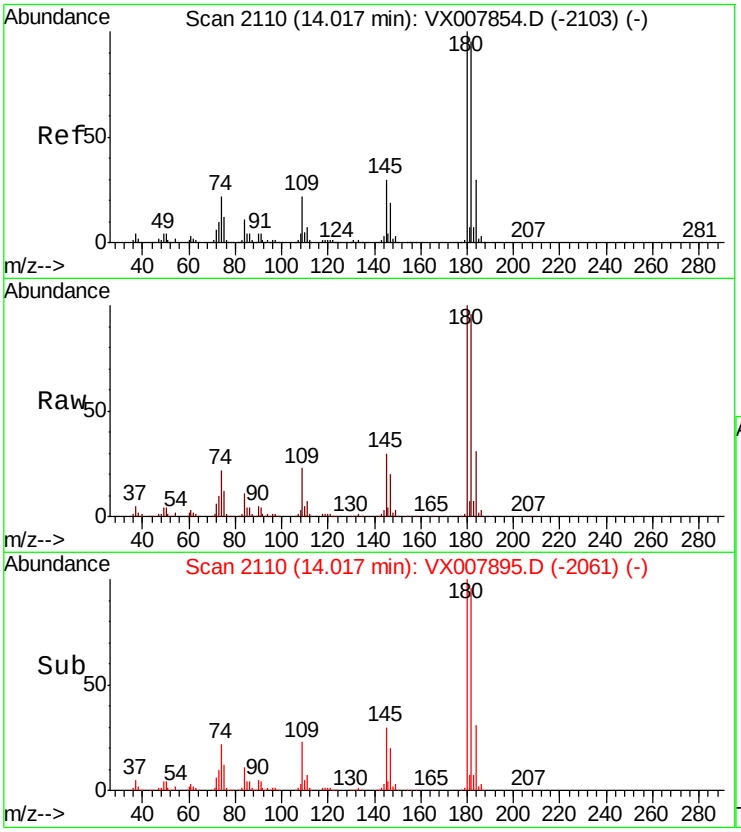




#95
Naphthalene
Concen: 50.720 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

Tgt Ion:128 Resp: 572177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.3 | 15.5 |
| 129 | 11.0 | 8.7 | 13.1 |






#96
1,2,3-Trichlorobenzene
Concen: 49.415 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007895.D
Acq: 07 Mar 2019 20:18

**Instrument :**
MSVOA_X
**ClientSampleId :**
SW-2MSD

Tgt Ion:180 Resp: 192731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 47.5 | 142.5 |
| 145 | 30.1 | 14.8 | 44.3 |