Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082918\
Data File : VF060170.D
Acq On : 29 Aug 2018 1:54
Operator : VA/AP
Sample : VSTDICC075
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Quant Time: Aug 29 02:26:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 29 02:08:40 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.03 | 168 | 73228 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 5.75 | 114 | 79675 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 9.91 | 117 | 68771 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.63 | 152 | 32495 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.00 | 65 | 30992 | 33.72 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 67.44% | | | | |
| 35) Dibromofluoromethane | 4.27 | 113 | 35807 | 58.71 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 117.42% | | | | |
| 50) Toluene-d8 | 7.70 | 98 | 131131 | 73.33 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 146.66% | | | | |
| 62) 4-Bromofluorobenzene | 11.51 | 95 | 47402 | 53.02 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 106.04% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.96 | 85 | 113006 | 105.62 | ug/l | | 93 |
| 3) Chloromethane | 1.08 | 50 | 40554 | 58.47 | ug/l | # | 88 |
| 4) Vinyl Chloride | 1.13 | 62 | 39626 | 66.56 | ug/l | | 98 |
| 5) Bromomethane | 1.32 | 94 | 18413 | 43.29 | ug/l | | 99 |
| 6) Chloroethane | 1.40 | 64 | 24980 | 98.05 | ug/l | # | 80 |
| 7) Trichlorofluoromethane | 1.49 | 101 | 191273 | 134.48 | ug/l | | 91 |
| 8) Diethyl Ether | 1.69 | 74 | 6494 | 33.41 | ug/l | | 70 |
| 9) 1,1,2-Trichlorotrifluoroet | 1.86 | 101 | 84739 | 118.30 | ug/l | | 94 |
| 10) Methyl Iodide | 1.93 | 142 | 36841 | 47.52 | ug/l | | 95 |
| 11) Tert butyl alcohol | 2.61 | 59 | 3630 | 79.62 | ug/l | # | 64 |
| 12) 1,1-Dichloroethene | 1.83 | 96 | 49551 | 98.17 | ug/l | | 89 |
| 13) Acrolein | 2.07 | 56 | 3156 | 136.91 | ug/l | # | 78 |
| 14) Allyl chloride | 2.18 | 41 | 45303 | 57.37 | ug/l | | 86 |
| 15) Acrylonitrile | 3.05 | 53 | 7726 | 83.63 | ug/l | | 98 |
| 16) Acetone | 2.31 | 43 | 18971 | 83.14 | ug/l | | 94 |
| 17) Carbon Disulfide | 1.85 | 76 | 154074 | 96.69 | ug/l | | 100 |
| 18) Methyl Acetate | 2.43 | 43 | 7303 | 16.29 | ug/l | | 98 |
| 19) Methyl tert-butyl Ether | 2.51 | 73 | 40395 | 30.58 | ug/l | | 96 |
| 20) Methylene Chloride | 2.28 | 84 | 25656 | 44.10 | ug/l | | 85 |
| 21) trans-1,2-Dichloroethene | 2.41 | 96 | 43143 | 79.57 | ug/l | | 87 |
| 22) Diisopropyl ether | 2.89 | 45 | 75505 | 44.54 | ug/l | # | 97 |
| 23) Vinyl Acetate | 3.30 | 43 | 100460 | 118.91 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 2.99 | 63 | 74516 | 66.54 | ug/l | # | 99 |
| 25) 2-Butanone | 4.47 | 43 | 19775 | 67.14 | ug/l | | 97 |
| 26) 2,2-Dichloropropane | 3.74 | 77 | 57452 | 51.70 | ug/l | | 96 |
| 27) cis-1,2-Dichloroethene | 3.61 | 96 | 30825 | 44.94 | ug/l | | 92 |
| 28) Bromochloromethane | 3.88 | 49 | 14570 | 33.20 | ug/l | | 84 |
| 29) Tetrahydrofuran | 4.22 | 42 | 10450 | 92.97 | ug/l | # | 86 |
| 30) Chloroform | 4.01 | 83 | 78344 | 51.49 | ug/l | | 97 |
| 31) Cyclohexane | 3.85 | 56 | 76304 | 84.41 | ug/l | | 97 |
| 32) 1,1,1-Trichloroethane | 4.26 | 97 | 126755 | 89.48 | ug/l | | 93 |
| 36) 1,1-Dichloropropene | 4.45 | 75 | 79669 | 99.02 | ug/l | | 89 |
| 37) Ethyl Acetate | 4.25 | 43 | 10904 | 27.54 | ug/l | | 90 |
| 38) Carbon Tetrachloride | 4.16 | 117 | 120942 | 122.23 | ug/l | | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082918\
Data File : VF060170.D
Acq On : 29 Aug 2018 1:54
Operator : VA/AP
Sample : VSTDICC075
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Quant Time: Aug 29 02:26:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 29 02:08:40 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 5.62 | 83 | 90672 | 115.42 | ug/l | | 92 |
| 40) Benzene | 4.80 | 78 | 116377 | 71.99 | ug/l | | 94 |
| 41) Methacrylonitrile | 4.89 | 41 | 5636 | 27.83 | ug/l | # | 79 |
| 42) 1,2-Dichloroethane | 5.10 | 62 | 39199 | 47.89 | ug/l | | 98 |
| 43) Isopropyl Acetate | 7.09 | 43 | 13238 | 26.83 | ug/l | # | 92 |
| 44) Trichloroethene | 5.66 | 130 | 51523 | 91.73 | ug/l | | 90 |
| 45) 1,2-Dichloropropane | 6.38 | 63 | 23914 | 54.82 | ug/l | | 95 |
| 46) Dibromomethane | 6.24 | 93 | 12714 | 38.49 | ug/l | | 94 |
| 47) Bromodichloromethane | 6.53 | 83 | 48272 | 58.11 | ug/l | | 93 |
| 48) Methyl methacrylate | 6.85 | 41 | 9485 | 28.79 | ug/l | # | 79 |
| 49) 1,4-Dioxane | 6.84 | 88 | 1306 | 418.79 | ug/l | # | 84 |
| 51) 4-Methyl-2-Pentanone | 8.39 | 43 | 56235 | 130.93 | ug/l | # | 86 |
| 52) Toluene | 7.77 | 92 | 91891 | 76.46 | ug/l | | 94 |
| 53) t-1,3-Dichloropropene | 8.41 | 75 | 29284 | 40.40 | ug/l | # | 85 |
| 54) cis-1,3-Dichloropropene | 7.44 | 75 | 37246 | 46.14 | ug/l | | 87 |
| 55) 1,1,2-Trichloroethane | 8.63 | 97 | 14794 | 37.35 | ug/l | | 93 |
| 56) Ethyl methacrylate | 8.75 | 69 | 13314 | 28.39 | ug/l | | 87 |
| 57) 1,3-Dichloropropane | 8.99 | 76 | 25893 | 37.20 | ug/l | | 94 |
| 58) 2-Chloroethyl Vinyl ether | 7.77 | 63 | 18382 | 417.72 | ug/l | | 100 |
| 59) 2-Hexanone | 9.61 | 43 | 43051 | 124.66 | ug/l | | 86 |
| 60) Dibromochloromethane | 8.85 | 129 | 26877 | 45.05 | ug/l | | 84 |
| 61) 1,2-Dibromoethane | 9.13 | 107 | 15359 | 33.10 | ug/l | | 83 |
| 64) Tetrachloroethene | 8.29 | 164 | 67782 | 127.65 | ug/l | | 96 |
| 65) Chlorobenzene | 9.93 | 112 | 104772 | 79.69 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 10.06 | 131 | 35390 | 71.76 | ug/l | | 94 |
| 67) Ethyl Benzene | 10.03 | 91 | 239750 | 98.19 | ug/l | | 95 |
| 68) m/p-Xylenes | 10.26 | 106 | 160232 | 175.48 | ug/l | | 83 |
| 69) o-Xylene | 10.83 | 106 | 71341 | 80.11 | ug/l | | 99 |
| 70) Styrene | 10.89 | 104 | 88320 | 66.53 | ug/l | | 98 |
| 71) Bromoform | 10.88 | 173 | 12401 | 39.14 | ug/l | | 95 |
| 73) Isopropylbenzene | 11.22 | 105 | 294907 | 130.45 | ug/l | | 99 |
| 74) N-amyl acetate | 11.46 | 43 | 19735 | 36.56 | ug/l | | 95 |
| 75) 1,1,2,2-Tetrachloroethane | 11.78 | 83 | 17848 | 45.64 | ug/l | | 94 |
| 76) 1,2,3-Trichloropropane | 11.88 | 75 | 16937 | 54.50 | ug/l | | 90 |
| 77) Bromobenzene | 11.59 | 156 | 39980 | 75.47 | ug/l | | 95 |
| 78) n-propylbenzene | 11.68 | 91 | 341243 | 123.54 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.81 | 91 | 156526 | 102.44 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.91 | 105 | 221951 | 117.58 | ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-buten | 11.95 | 75 | 4630 | 34.66 | ug/l | # | 85 |
| 82) 4-Chlorotoluene | 11.99 | 91 | 151769 | 93.70 | ug/l | | 97 |
| 83) tert-Butylbenzene | 12.21 | 119 | 231834 | 124.68 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 12.28 | 105 | 190518 | 99.08 | ug/l | | 97 |
| 85) sec-Butylbenzene | 12.38 | 105 | 340529 | 127.37 | ug/l | | 97 |
| 86) p-Isopropyltoluene | 12.53 | 119 | 264626 | 122.26 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 12.55 | 146 | 87216 | 86.72 | ug/l | | 95 |
| 88) 1,4-Dichlorobenzene | 12.64 | 146 | 75941 | 77.14 | ug/l | | 98 |
| 89) n-Butylbenzene | 12.92 | 91 | 227175 | 112.00 | ug/l | | 95 |
| 90) Hexachloroethane | 12.99 | 117 | 57164 | 119.60 | ug/l | | 88 |
| 91) 1,2-Dichlorobenzene | 13.01 | 146 | 66609 | 71.58 | ug/l | | 94 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.71 | 75 | 3088 | 39.12 | ug/l | | 81 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082918\
Data File : VF060170.D
Acq On : 29 Aug 2018 1:54
Operator : VA/AP
Sample : VSTDICC075
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Quant Time: Aug 29 02:26:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 29 02:08:40 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.27 | 180 | 30810 | 48.27 | ug/l | | 94 |
| 94) Hexachlorobutadiene | 14.25 | 225 | 60555 | 123.37 | ug/l | | 97 |
| 95) Naphthalene | 14.52 | 128 | 23157 | 25.58 | ug/l | # | 90 |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180 | 25122 | 42.01 | ug/l | | 91 |

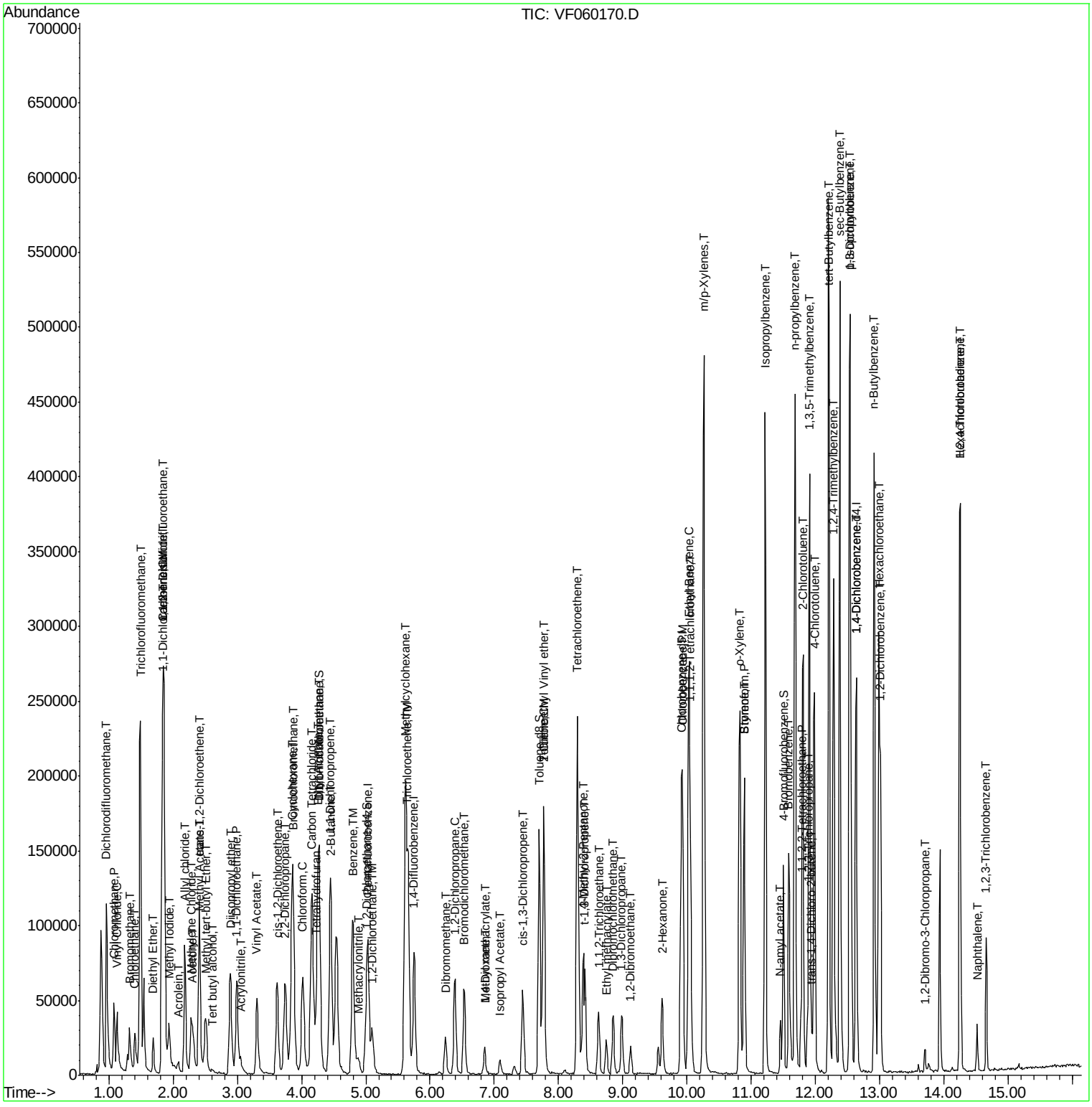
(#) = qualifier out of range (m) = manual integration (+) = signals summed

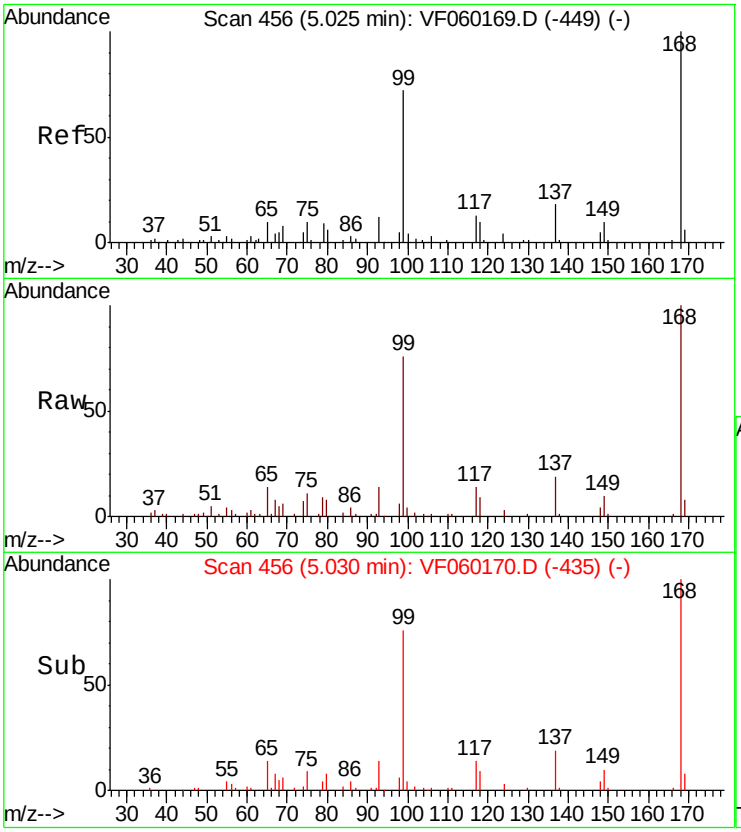
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082918\
Data File : VF060170.D
Acq On : 29 Aug 2018 1:54
Operator : VA/AP
Sample : VSTDICC075
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Quant Time: Aug 29 02:26:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 29 02:08:40 2018
Response via : Initial Calibration



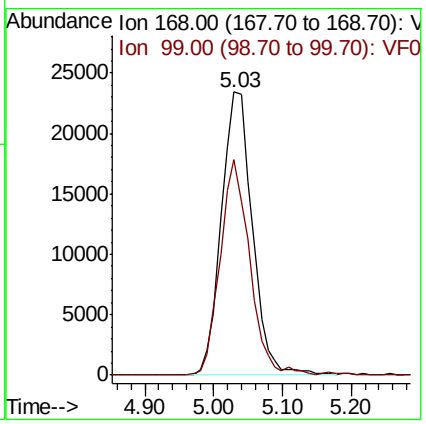


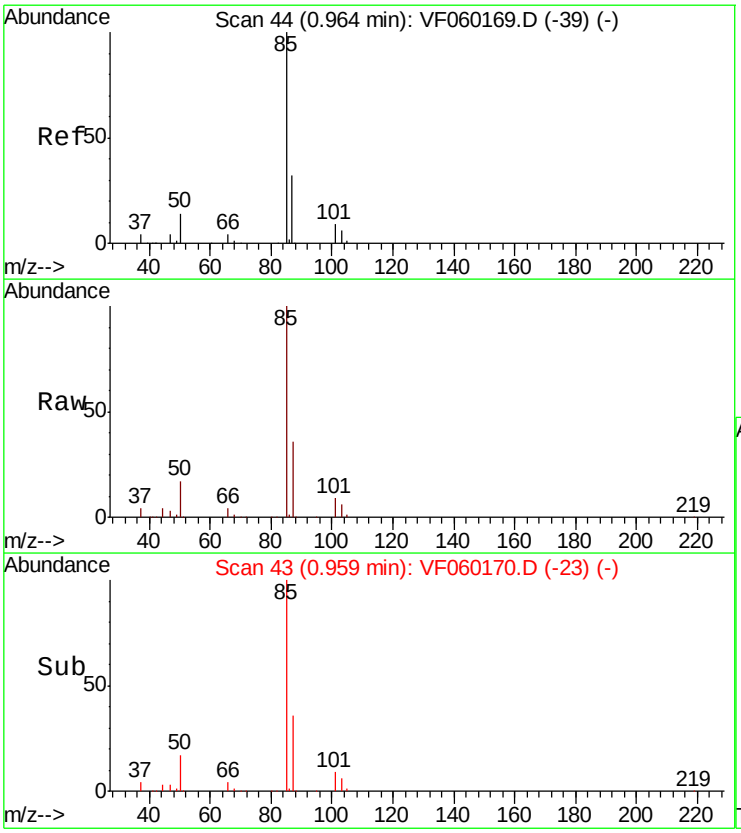

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:168 Resp: 73228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 76.1 | 57.9 | 86.9 |

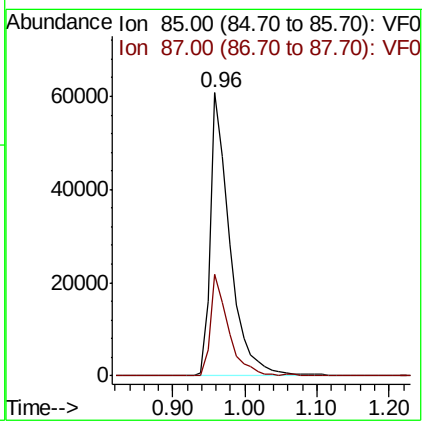


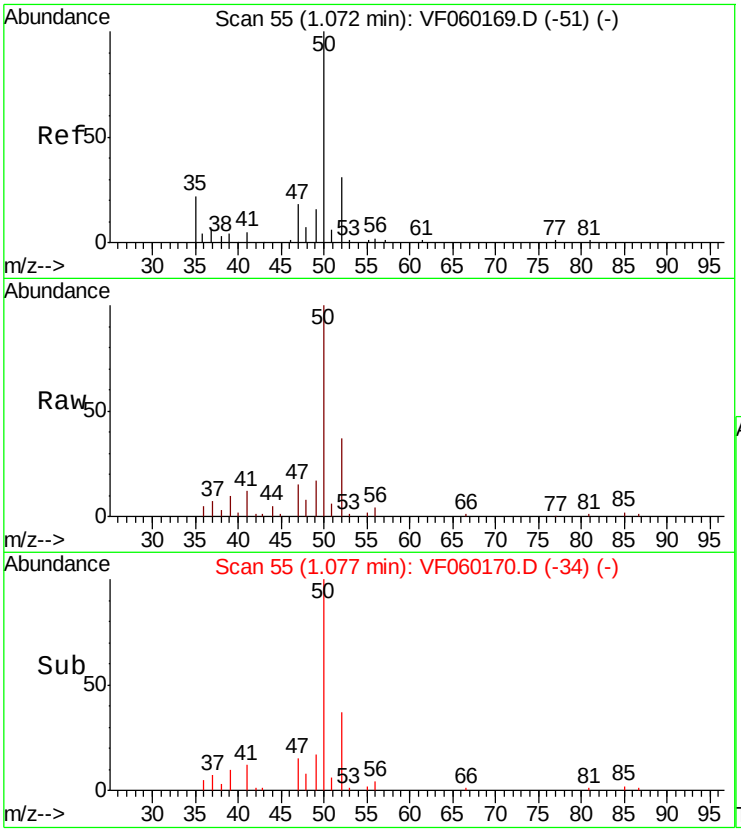




#2
Dichlorodifluoromethane
Concen: 105.62 ug/l
RT: 0.96 min Scan# 43
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 85 Resp: 113006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 35.8 | 15.9 | 47.7 |



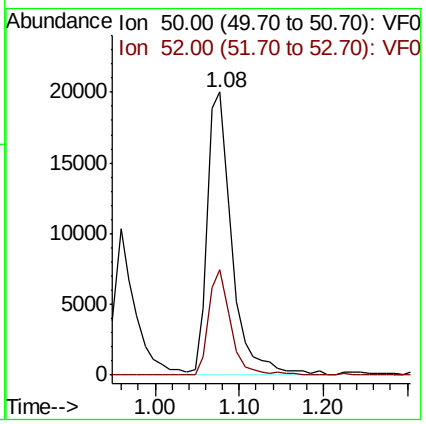


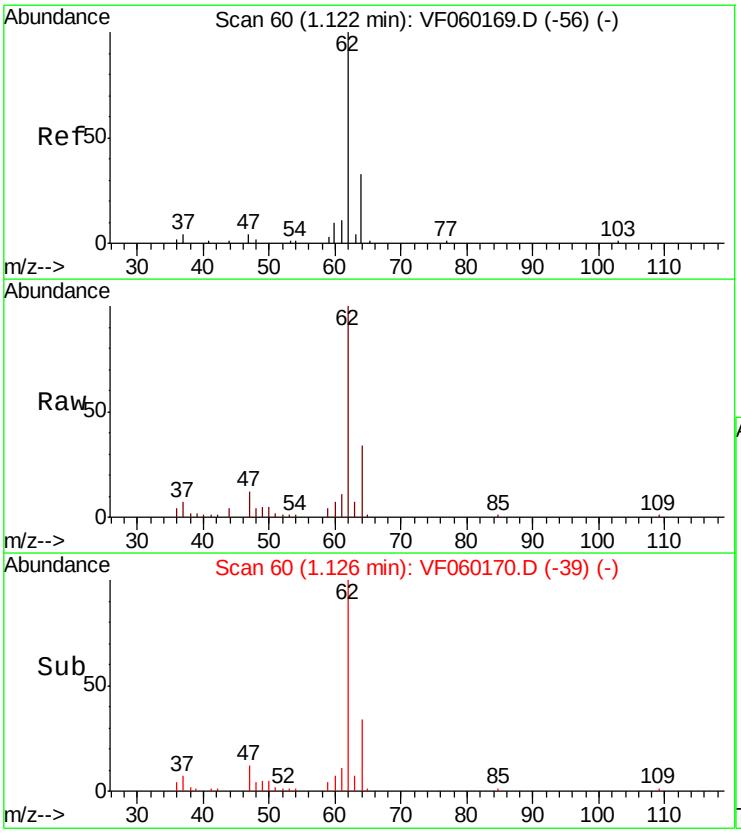

#3
Chloromethane
Concen: 58.47 ug/l
RT: 1.08 min Scan# 55
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 50 Resp: 40554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 37.2 | 24.4 | 36.6# |

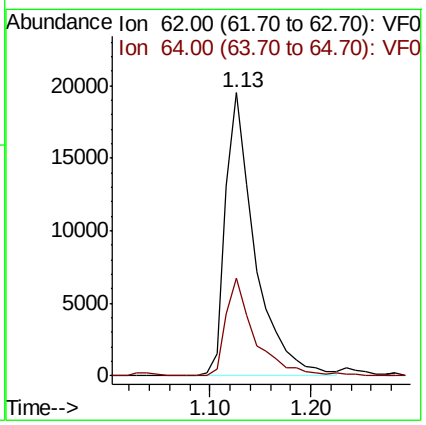


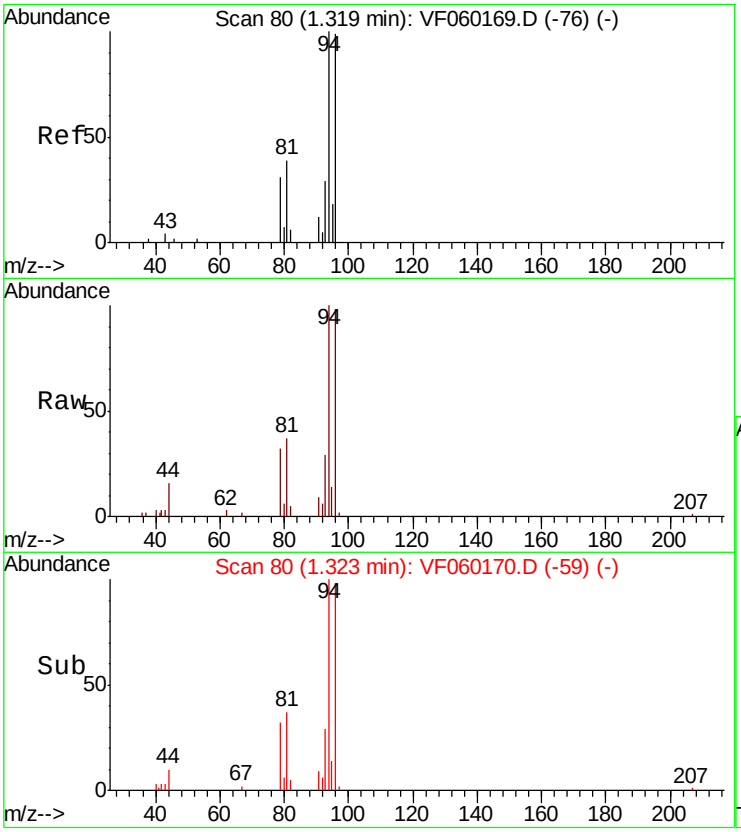




#4
Vinyl Chloride
Concen: 66.56 ug/l
RT: 1.13 min Scan# 60
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 62 Resp: 39626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 34.5 | 26.6 | 39.8 |



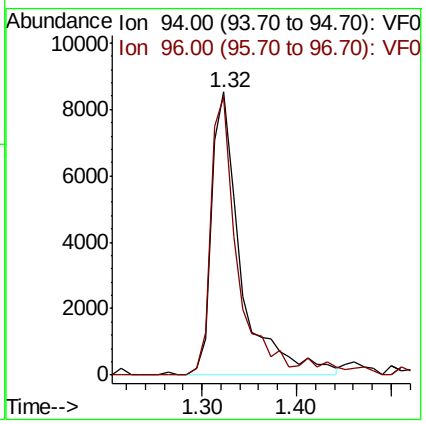


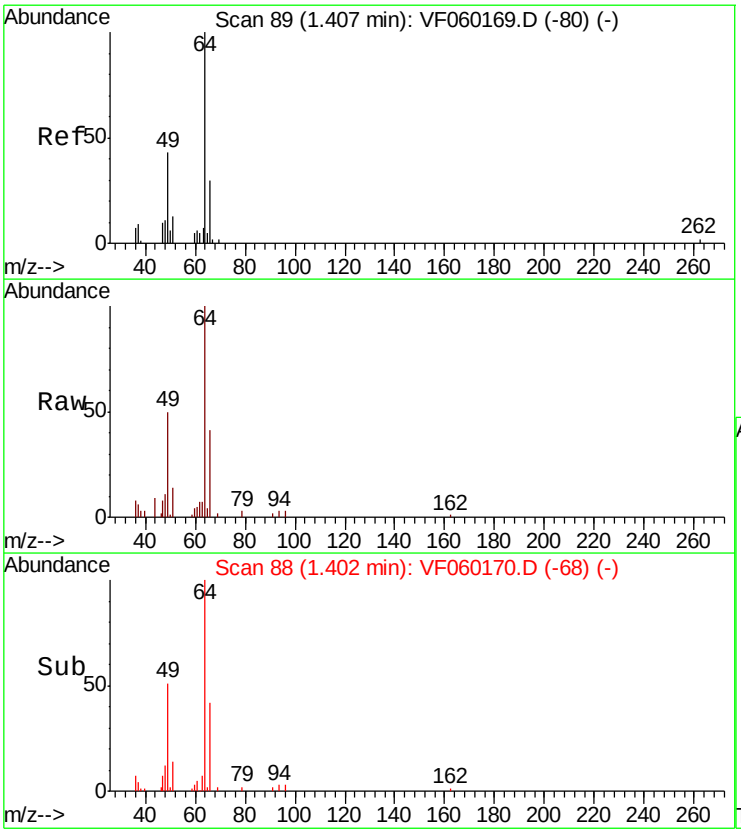

#5
Bromomethane
Concen: 43.29 ug/l
RT: 1.32 min Scan# 80
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 94 Resp: 18413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 98.1 | 79.0 | 118.4 |

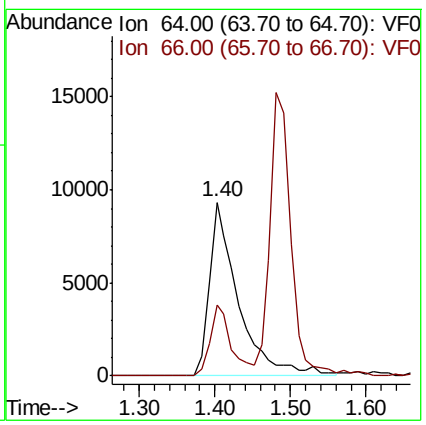


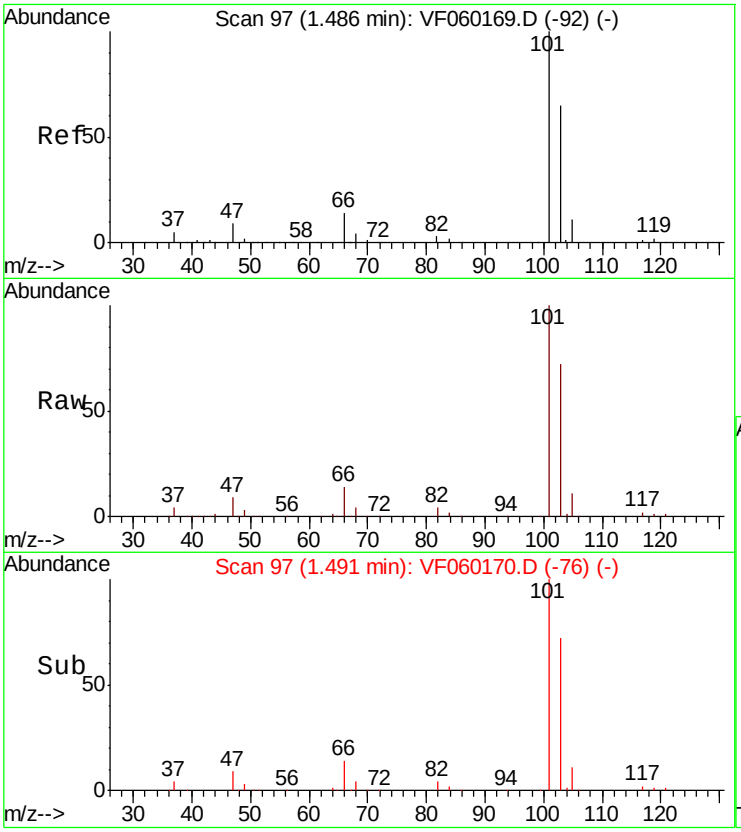




#6
Chloroethane
Concen: 98.05 ug/l
RT: 1.40 min Scan# 88
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 64 Resp: 24980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 41.0 | 24.2 | 36.4# |



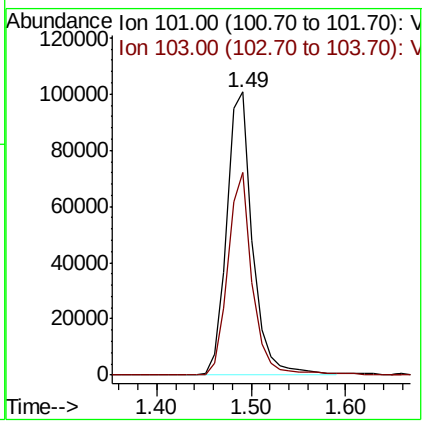


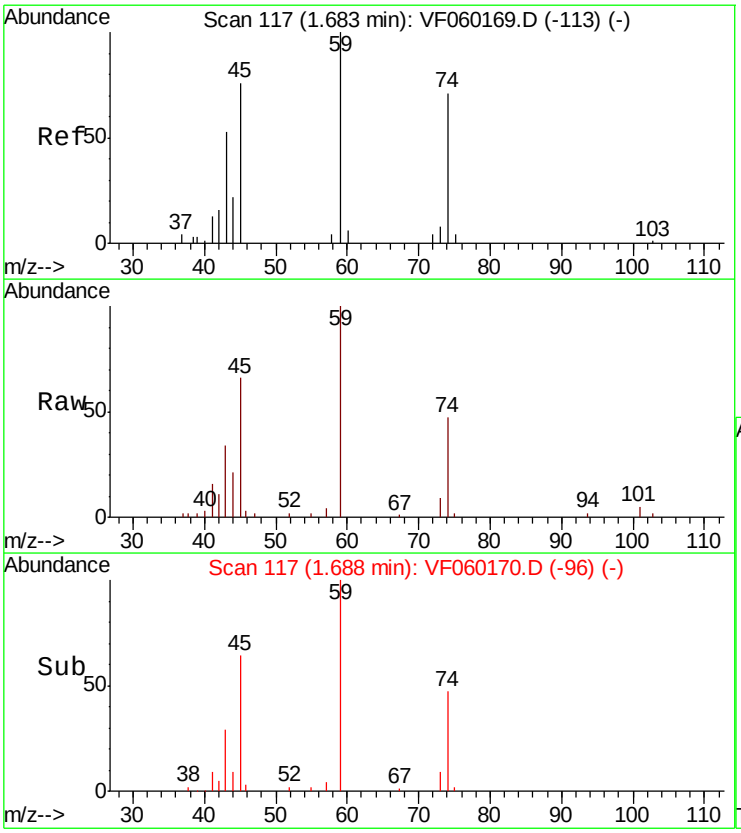

#7
Trichlorofluoromethane
Concen: 134.48 ug/l
RT: 1.49 min Scan# 97
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:101 Resp: 191273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 71.6 | 51.8 | 77.6 |

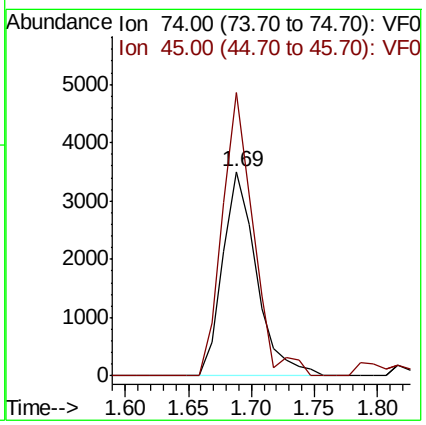


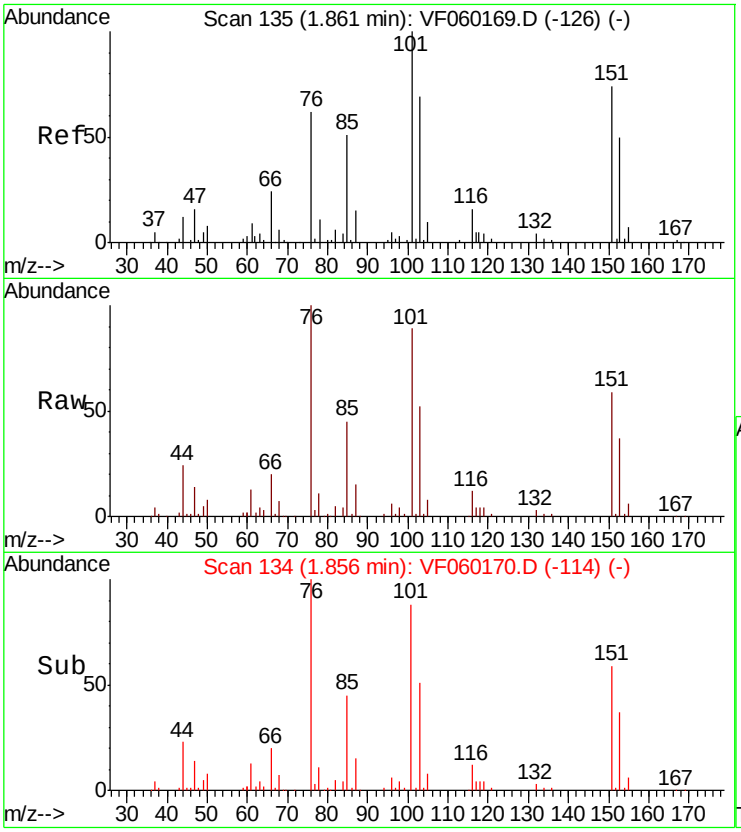




#8
Diethyl Ether
Concen: 33.41 ug/l
RT: 1.69 min Scan# 117
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 74 Resp: 6494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 138.7 | 53.5 | 160.7 |



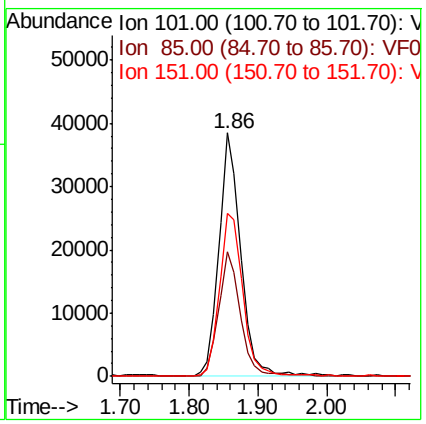


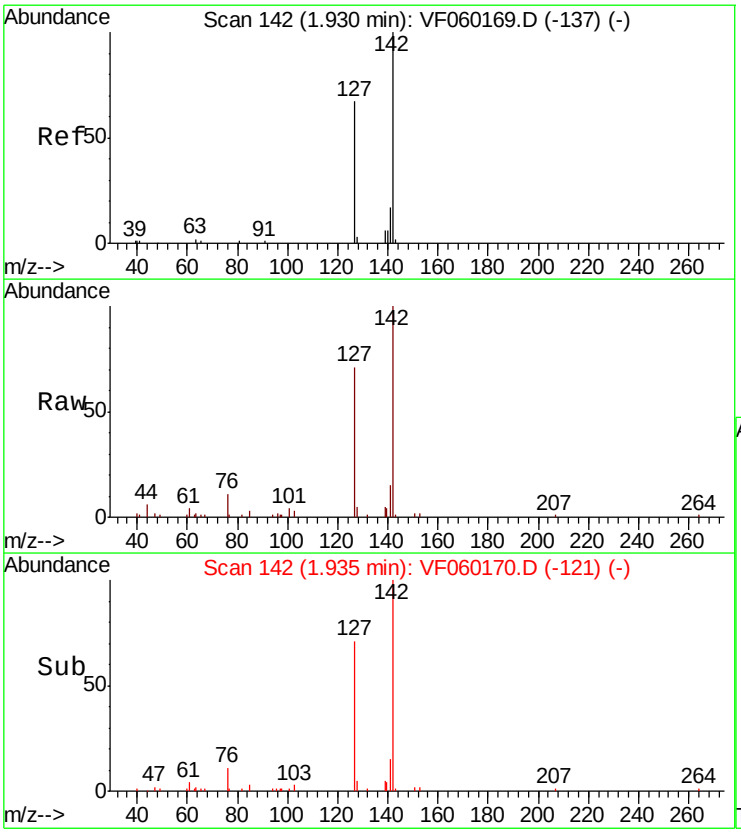

#9
1,1,2-Trichlorotrifluoroethane
Concen: 118.30 ug/l
RT: 1.86 min Scan# 134
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:101 Resp: 84739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 51.2 | 42.2 | 63.2 |
| 151 | 66.9 | 59.2 | 88.8 |

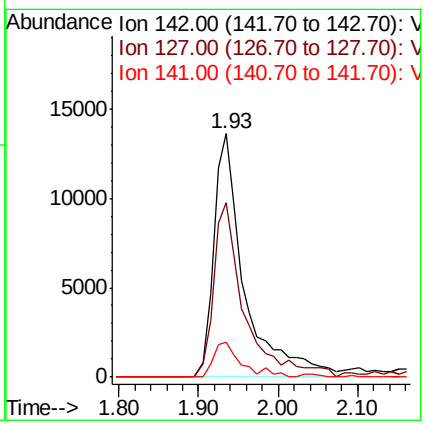


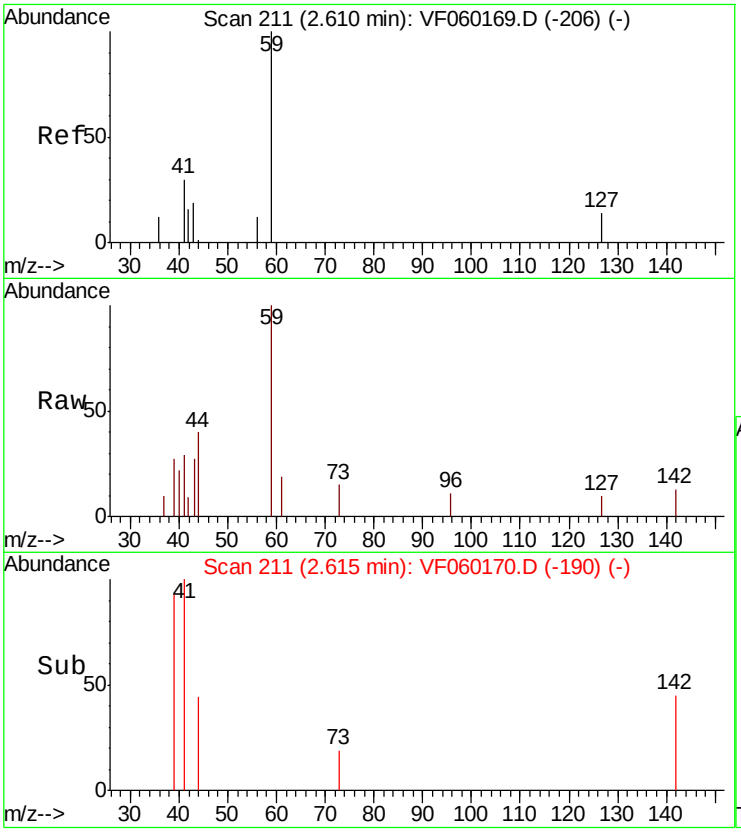




#10
Methyl Iodide
Concen: 47.52 ug/l
RT: 1.93 min Scan# 142
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:142 Resp: 36841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 71.4 | 53.9 | 80.9 |
| 141 | 14.5 | 13.4 | 20.2 |



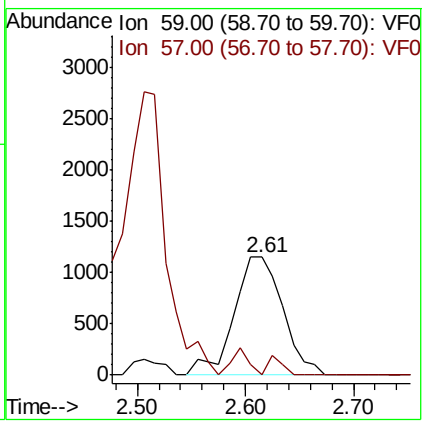


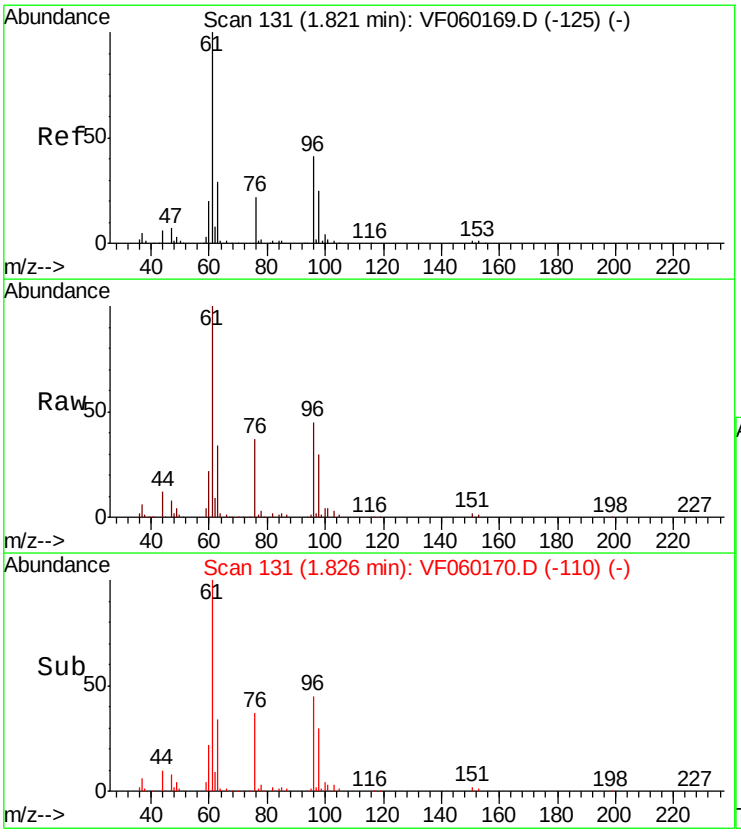

#11
Tert butyl alcohol
Concen: 79.62 ug/l
RT: 2.61 min Scan# 211
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion: 59 Resp: 3630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 11.9 | 17.9# |

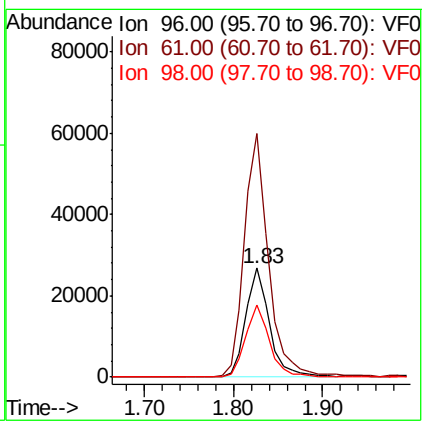


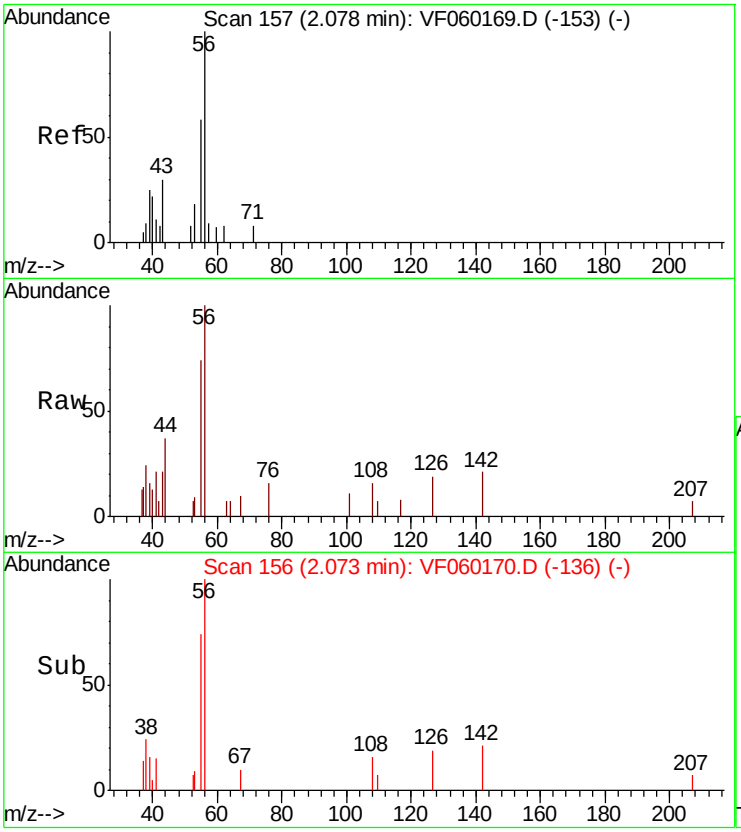




#12
1,1-Dichloroethene
Concen: 98.17 ug/l
RT: 1.83 min Scan# 131
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 96 Resp: 49551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 224.1 | 195.2 | 292.8 |
| 98 | 66.7 | 49.0 | 73.6 |



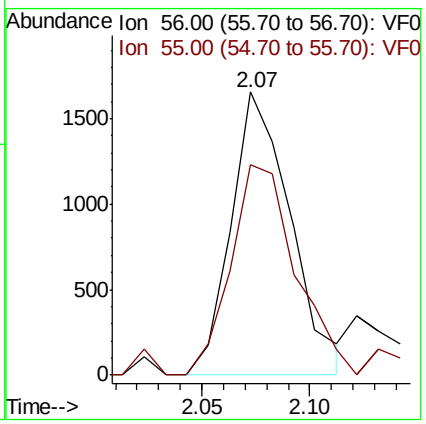


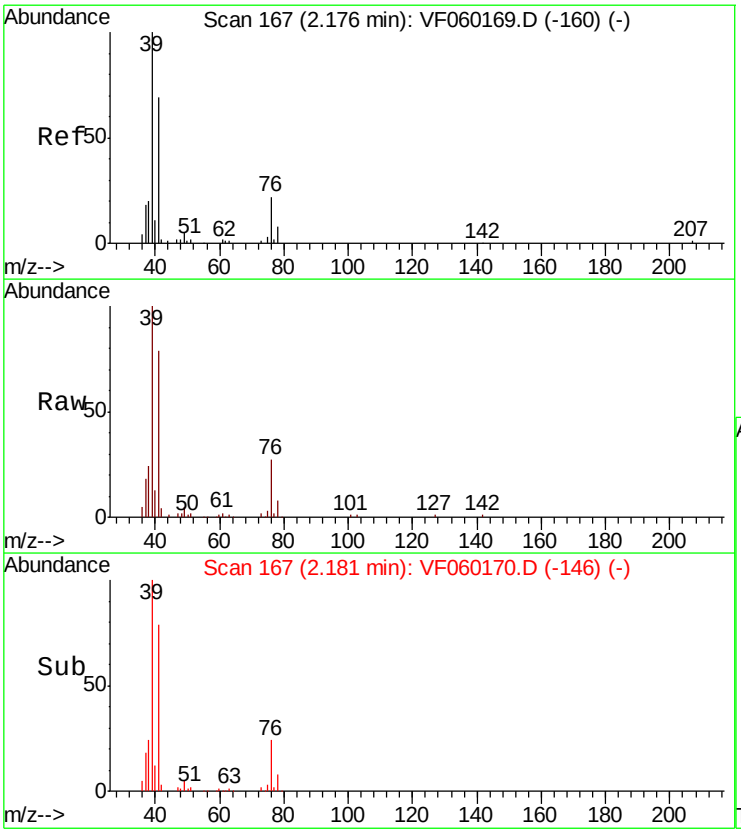

#13
Acrolein
Concen: 136.91 ug/l
RT: 2.07 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 56 Resp: 3156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 74.3 | 46.4 | 69.6# |

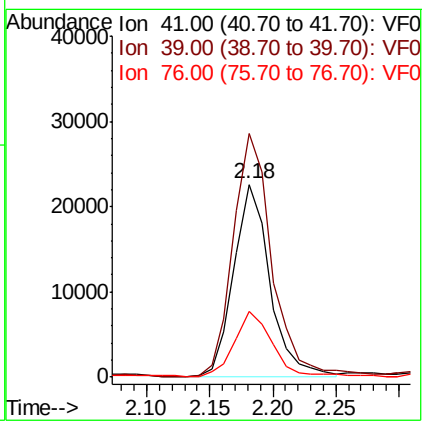


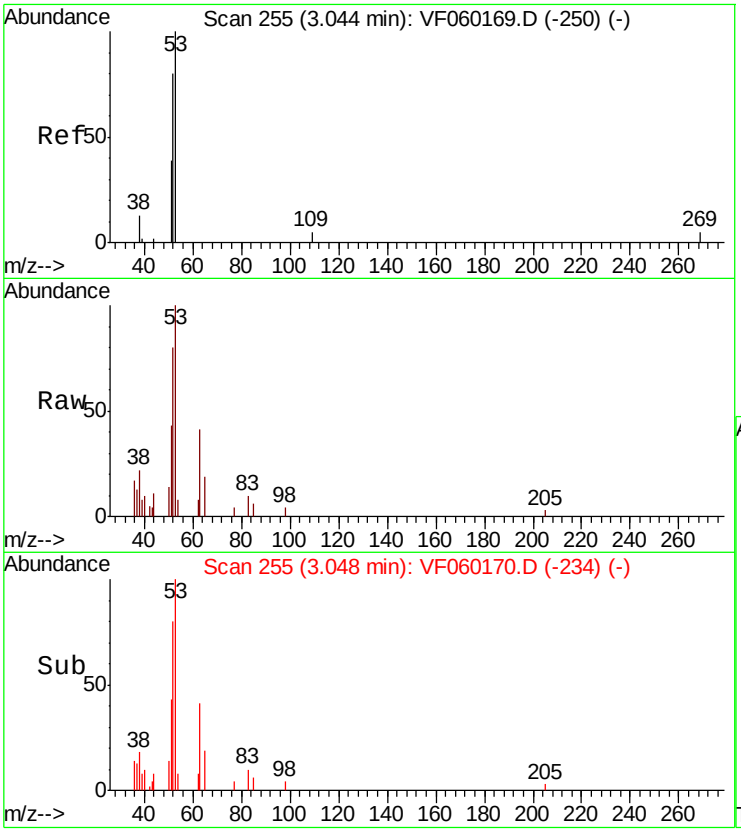




#14
Allyl chloride
Concen: 57.37 ug/l
RT: 2.18 min Scan# 167
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 41 Resp: 45303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 126.4 | 117.8 | 176.6 |
| 76 | 34.1 | 25.9 | 38.9 |



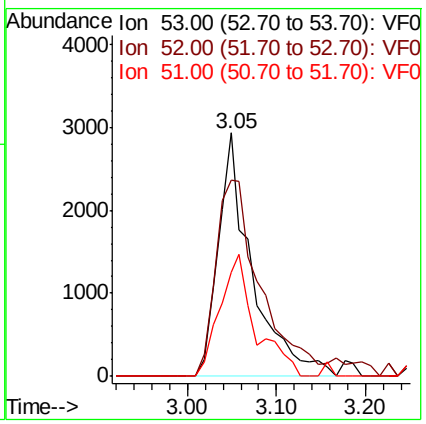


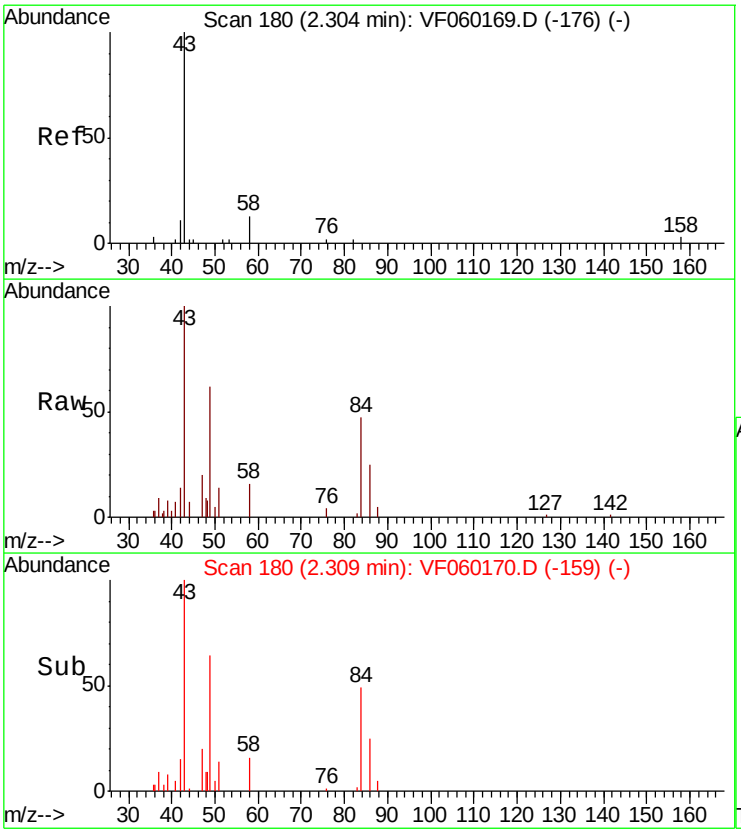

#15
Acrylonitrile
Concen: 83.63 ug/l
RT: 3.05 min Scan# 255
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 53 Resp: 7726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.5 | 64.4 | 96.6 |
| 51 | 42.9 | 31.0 | 46.4 |

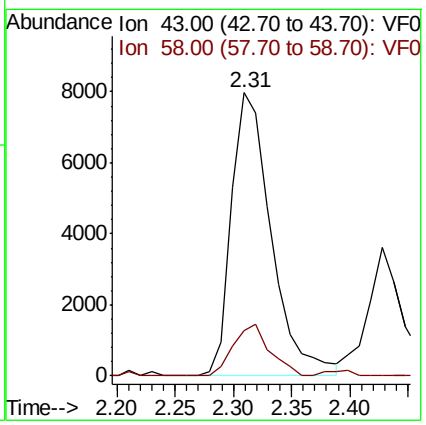


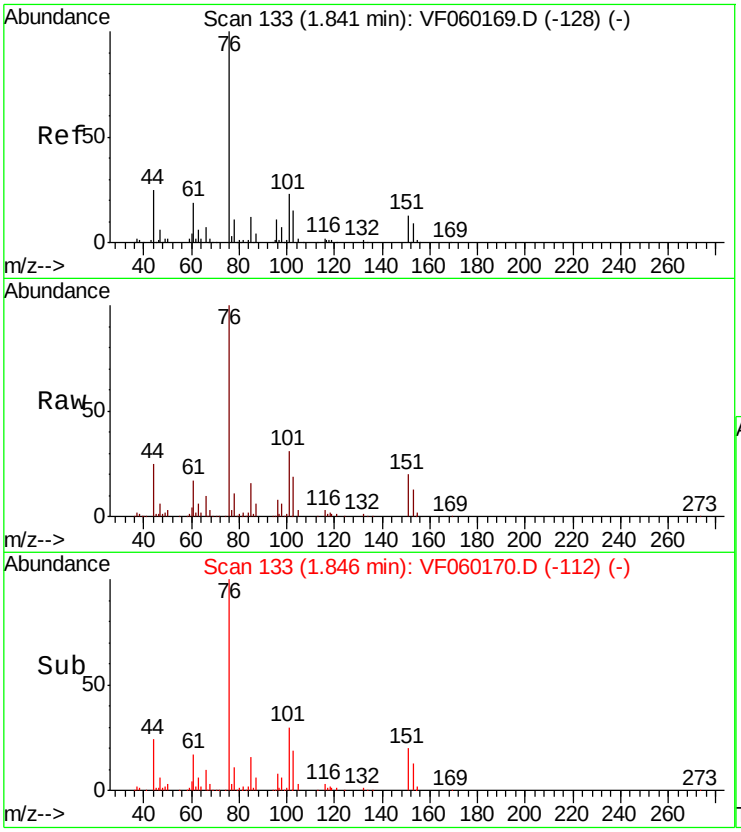




#16
Acetone
Concen: 83.14 ug/l
RT: 2.31 min Scan# 180
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 43 Resp: 18971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 15.9 | 10.7 | 16.1 |



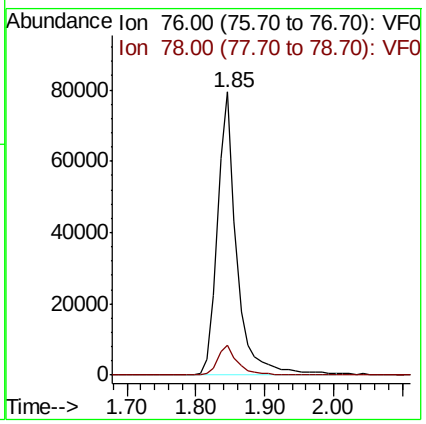


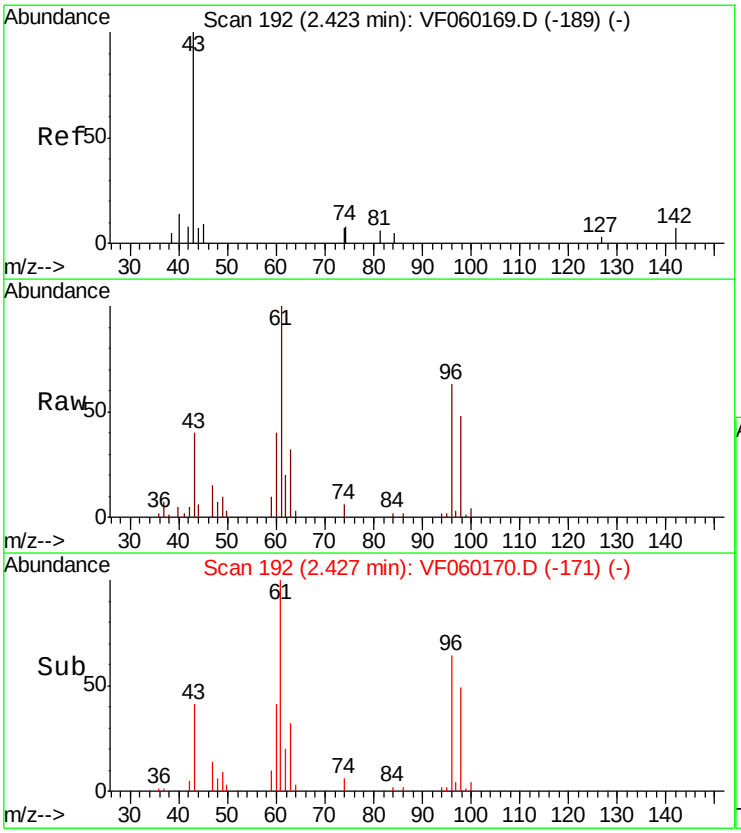

#17
Carbon Disulfide
Concen: 96.69 ug/l
RT: 1.85 min Scan# 133
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 76 Resp: 154074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.5 | 8.6 | 12.8 |

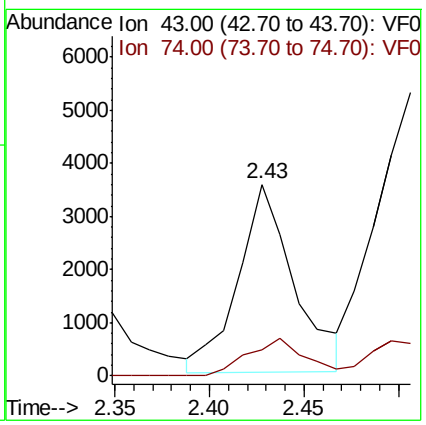


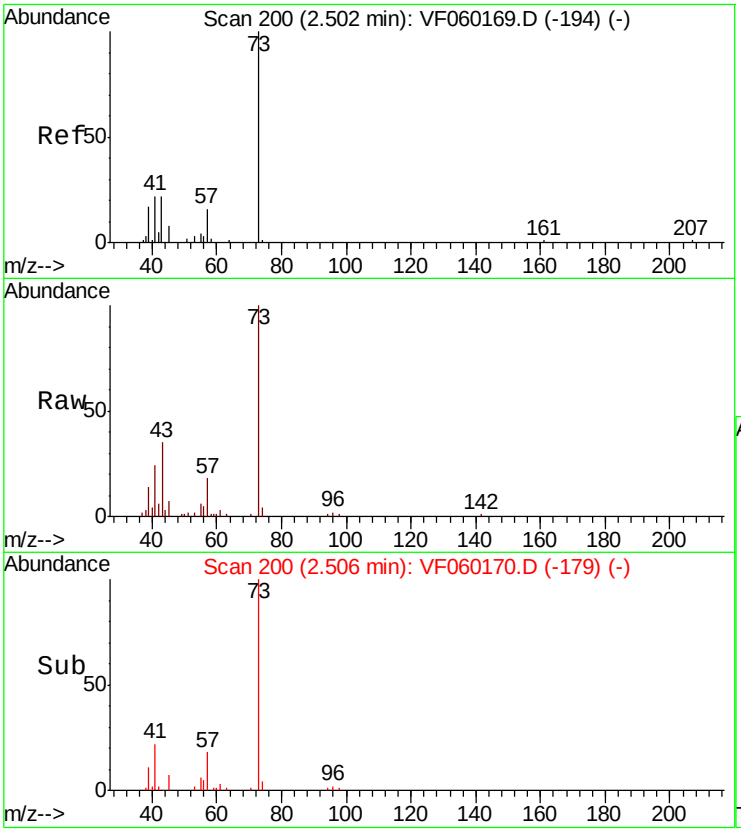




#18
Methyl Acetate
Concen: 16.29 ug/l
RT: 2.43 min Scan# 192
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 43 Resp: 7303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 14.0 | 10.6 | 16.0 |



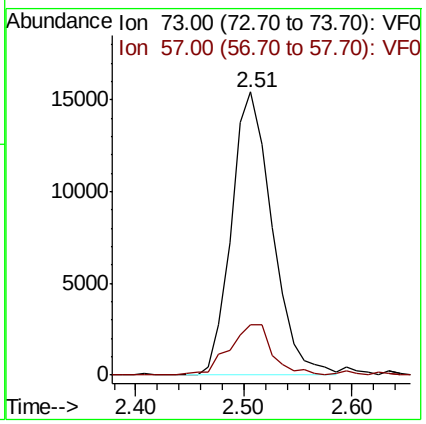


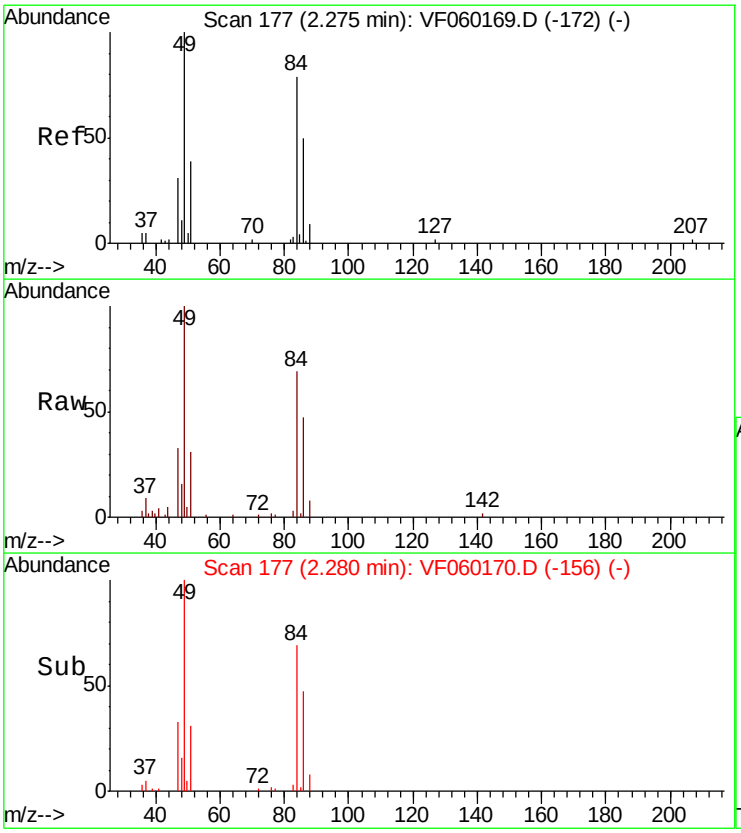

#19
Methyl tert-butyl Ether
Concen: 30.58 ug/l
RT: 2.51 min Scan# 200
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion: 73 Resp: 40395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 17.9 | 13.0 | 19.4 |

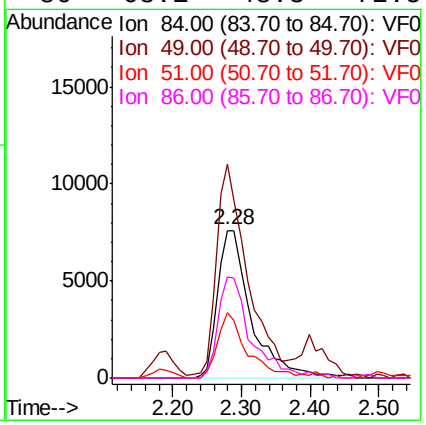


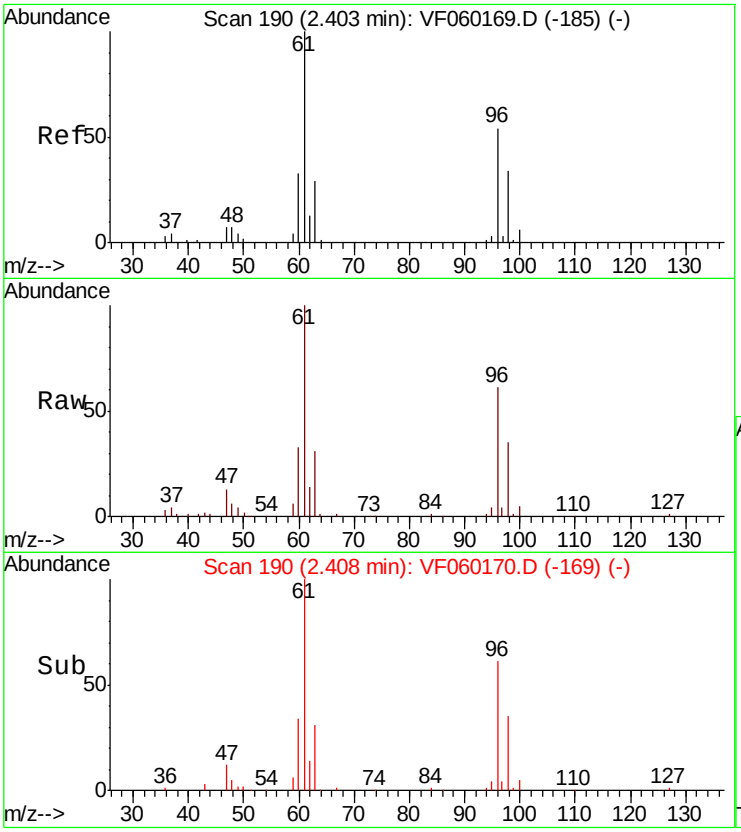




#20
Methylene Chloride
Concen: 44.10 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 84 Resp: 25656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 144.5 | 97.0 | 145.4 |
| 51 | 44.3 | 38.2 | 57.2 |
| 86 | 68.1 | 48.3 | 72.5 |



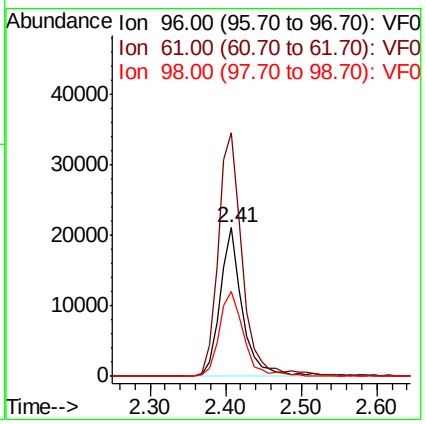


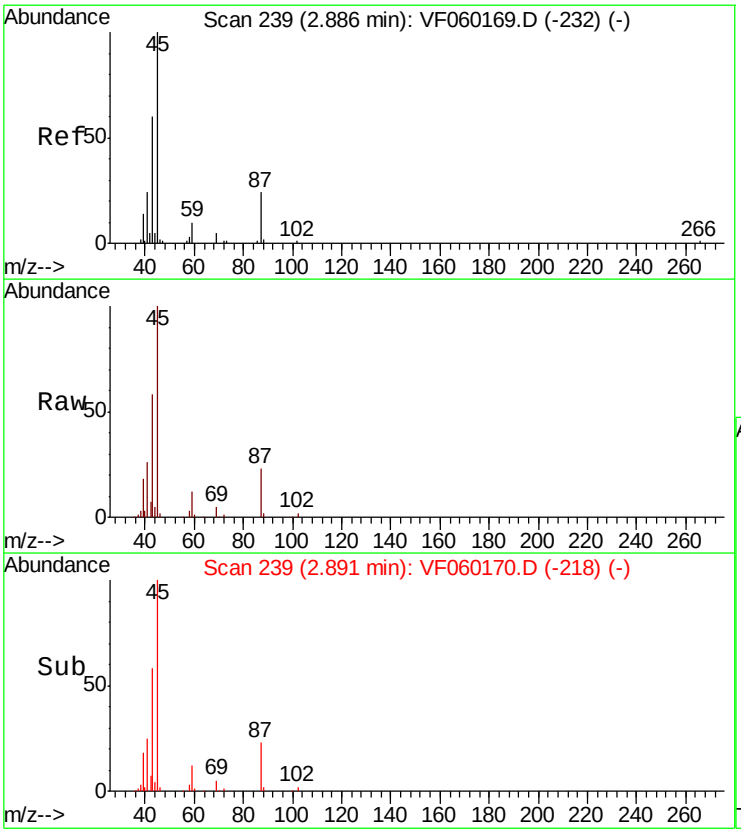

#21
trans-1,2-Dichloroethene
Concen: 79.57 ug/l
RT: 2.41 min Scan# 190
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 96 Resp: 43143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 164.2 | 148.6 | 222.8 |
| 98 | 57.3 | 50.4 | 75.6 |

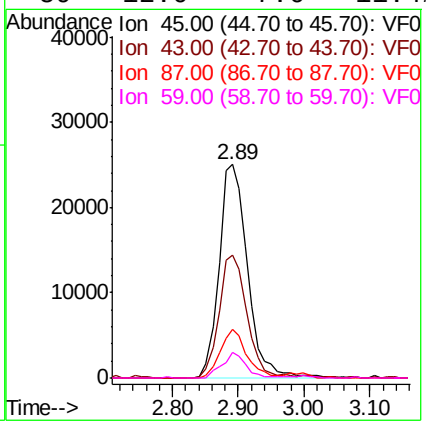


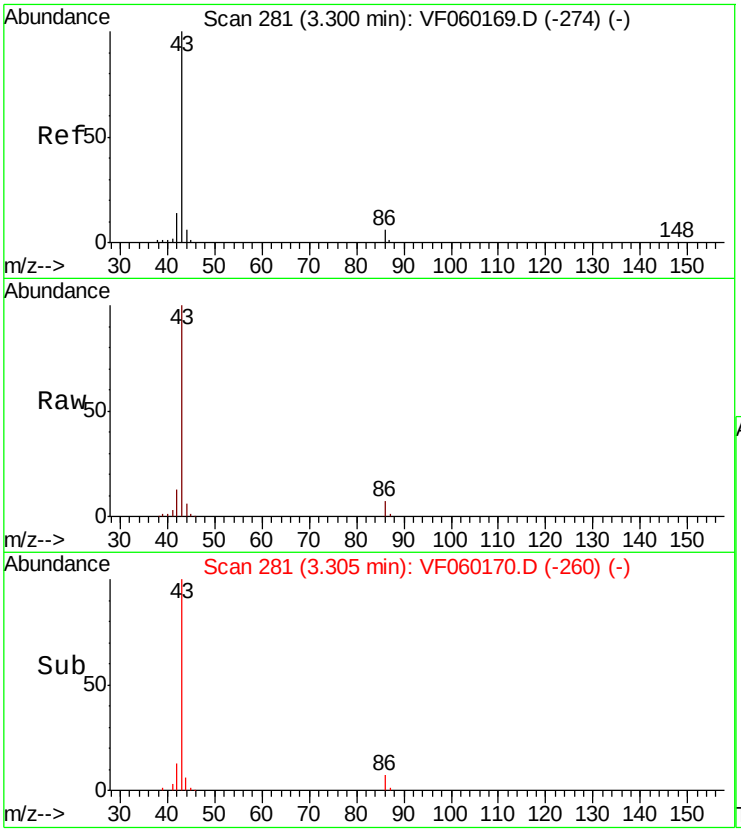




#22
Diisopropyl ether
Concen: 44.54 ug/l
RT: 2.89 min Scan# 239
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 45 Resp: 75505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.5 | 48.0 | 72.0 |
| 87 | 23.0 | 18.9 | 28.3 |
| 59 | 12.0 | 7.6 | 11.4# |



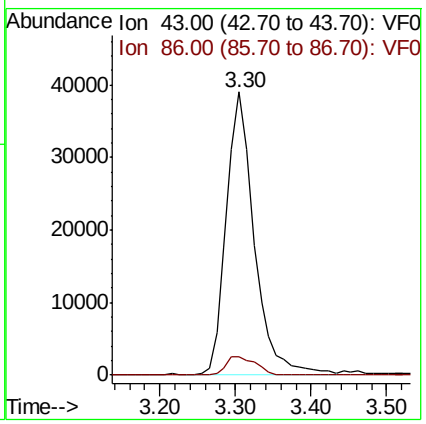


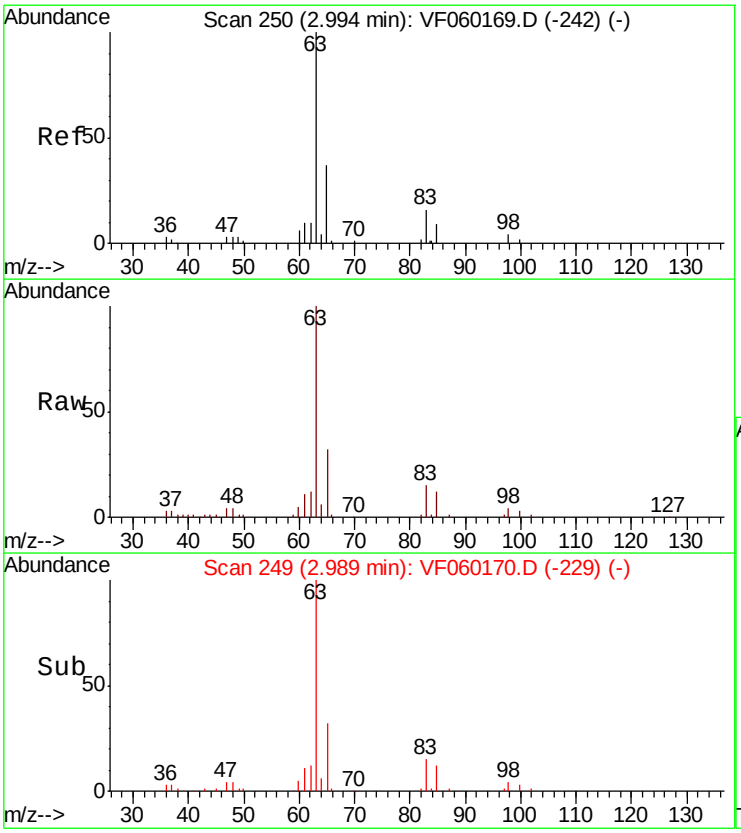

#23
Vinyl Acetate
Concen: 118.91 ug/l
RT: 3.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion: 43 Resp: 100460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 6.6 | 4.9 | 7.3 |

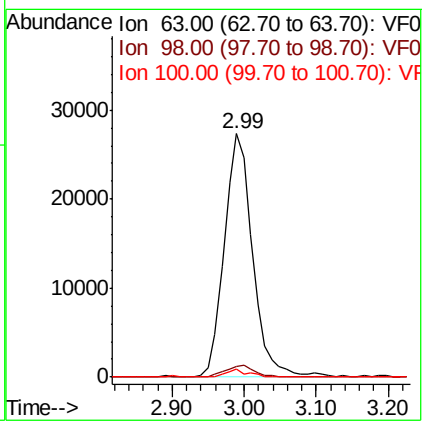


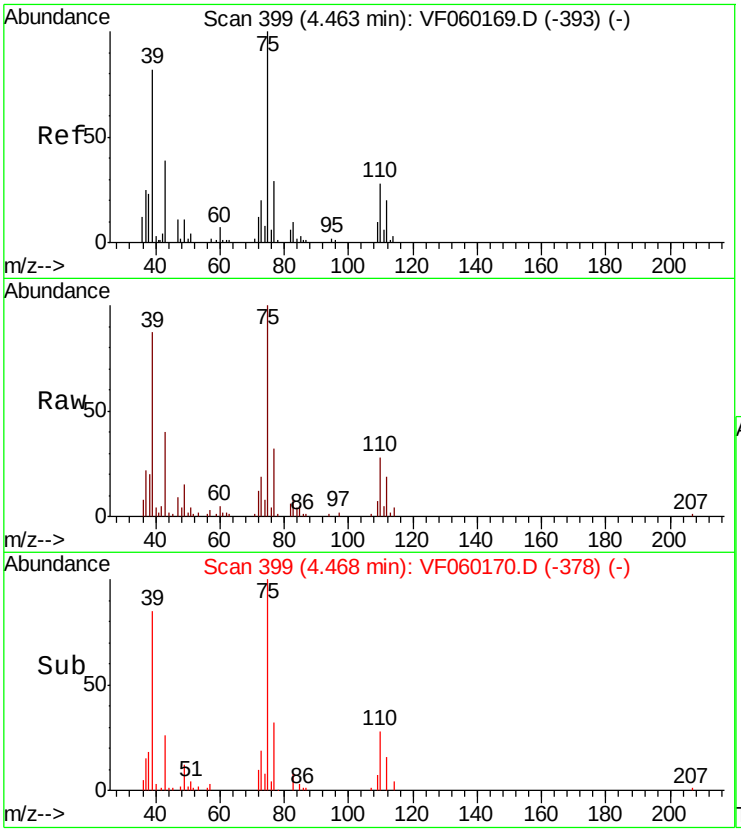




#24
1,1-Dichloroethane
Concen: 66.54 ug/l
RT: 2.99 min Scan# 249
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 63 Resp: 74516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 4.3 | 2.1 | 6.3 |
| 100 | 3.3 | 0.9 | 2.7# |



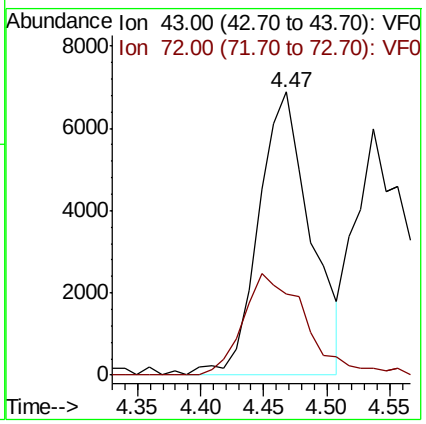


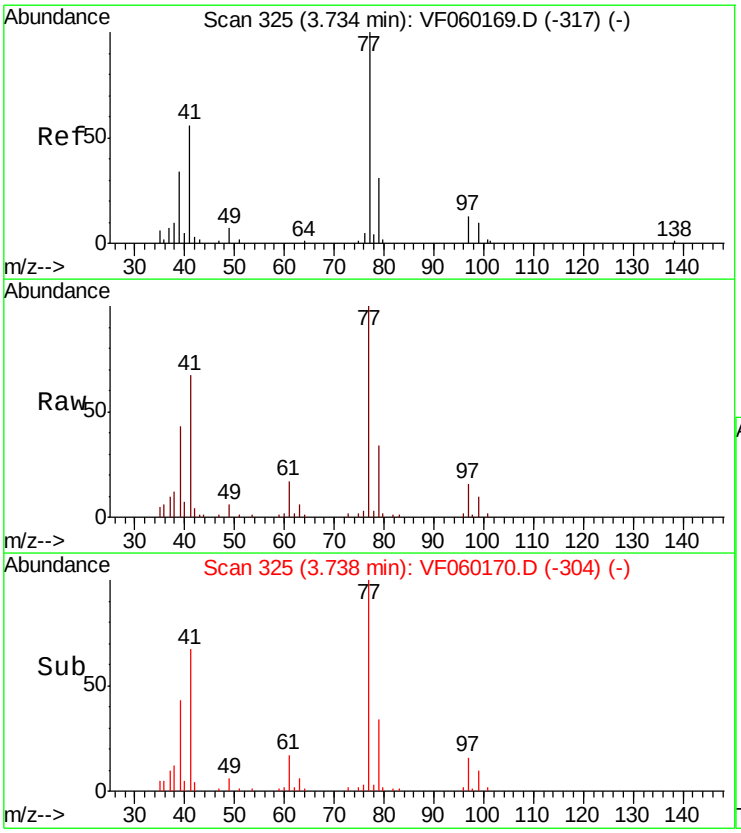

#25
2-Butanone
Concen: 67.14 ug/l
RT: 4.47 min Scan# 399
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 43 Resp: 19775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.8 | 24.2 | 36.2 |

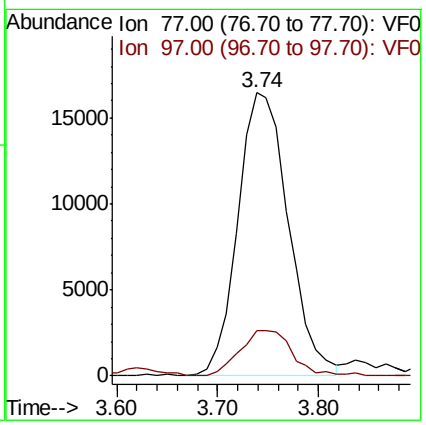


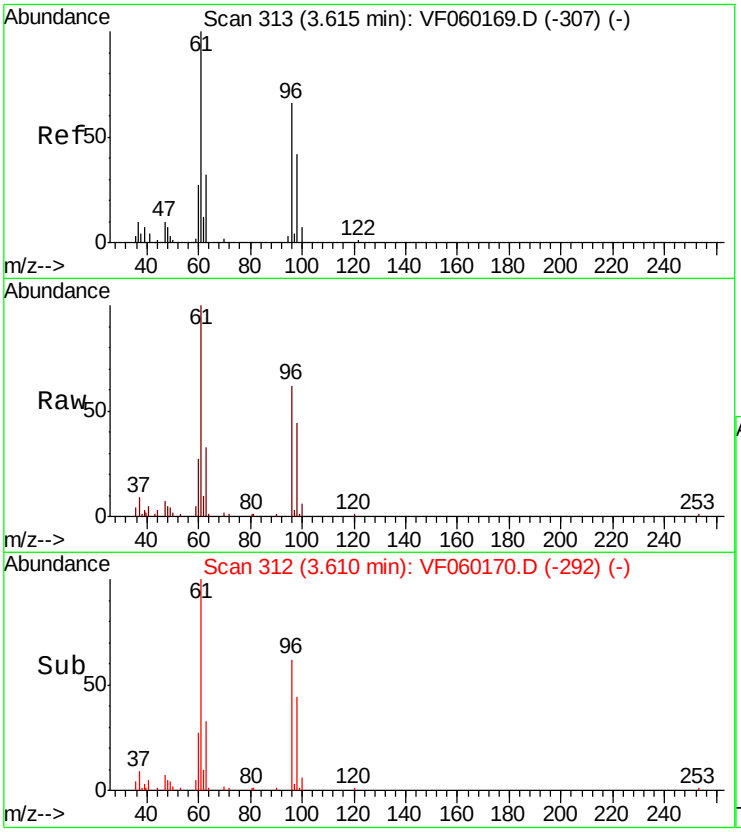




#26
2,2-Dichloropropane
Concen: 51.70 ug/l
RT: 3.74 min Scan# 325
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 77 Resp: 57452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 15.8 | 7.0 | 21.0 |



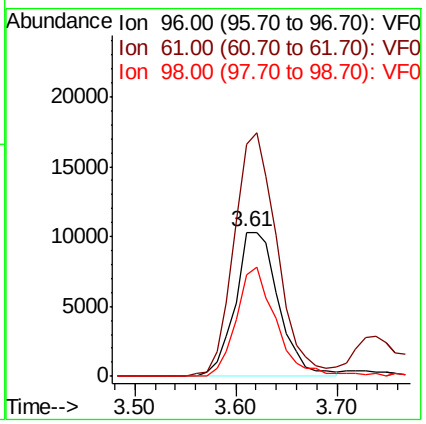


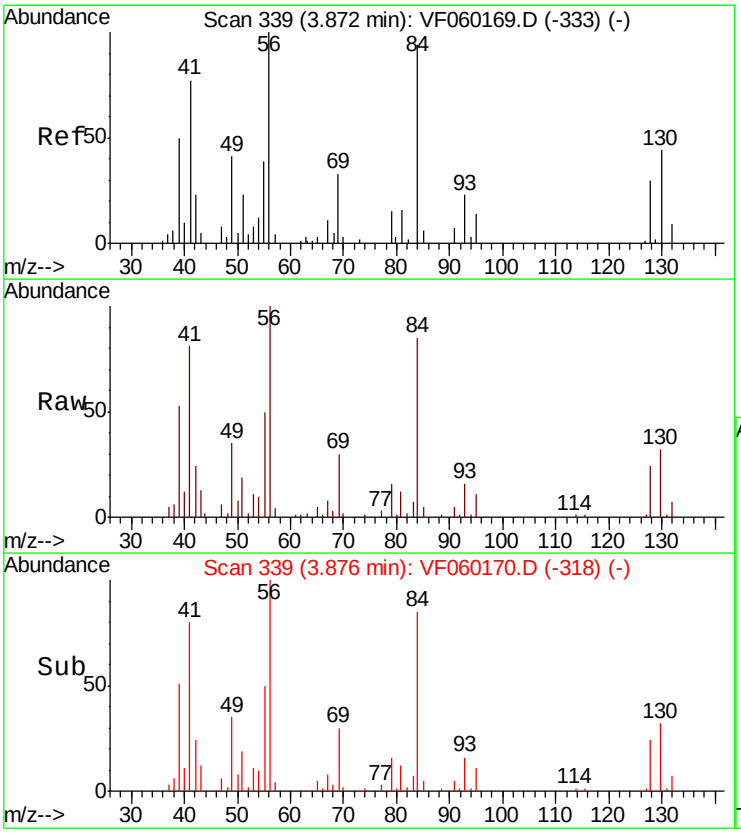

#27
cis-1,2-Dichloroethene
Concen: 44.94 ug/l
RT: 3.61 min Scan# 312
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 96 Resp: 30825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 160.4 | 0.0 | 303.0 |
| 98 | 70.7 | 0.0 | 126.8 |

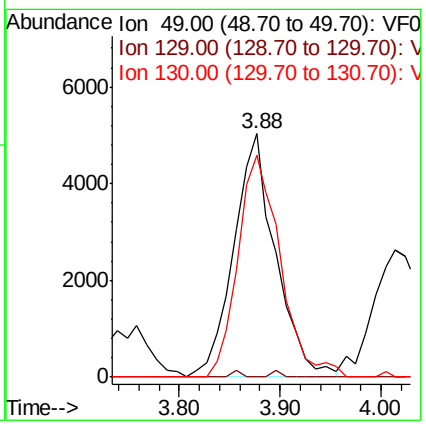


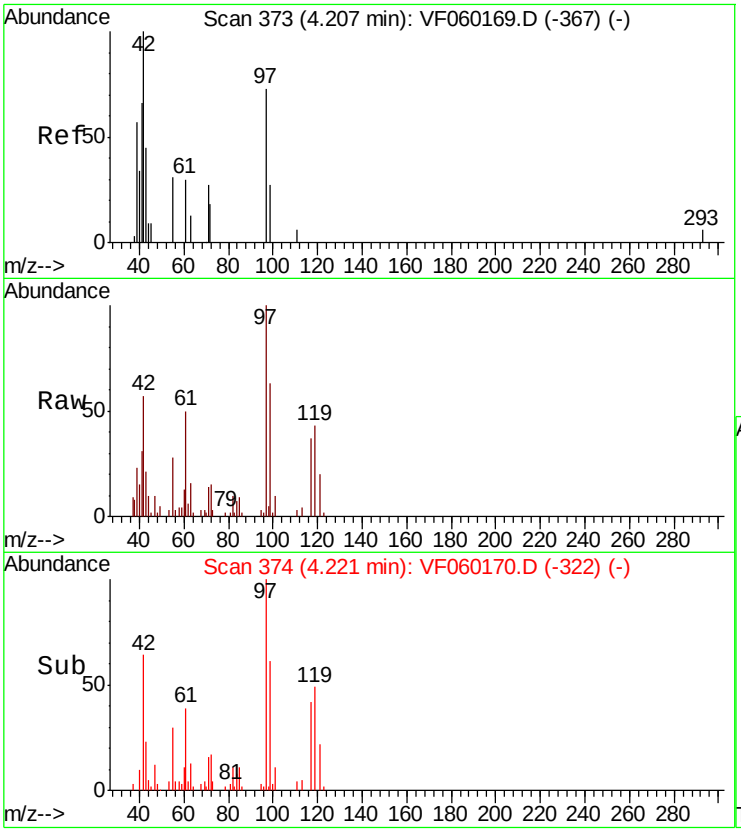




#28
Bromochloromethane
Concen: 33.20 ug/l
RT: 3.88 min Scan# 339
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 49 Resp: 14570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 8.6 |
| 130 | 91.1 | 86.0 | 129.0 |



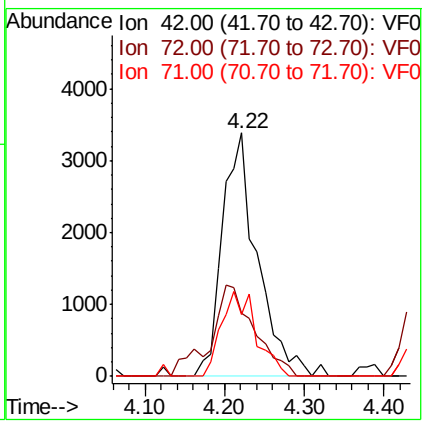


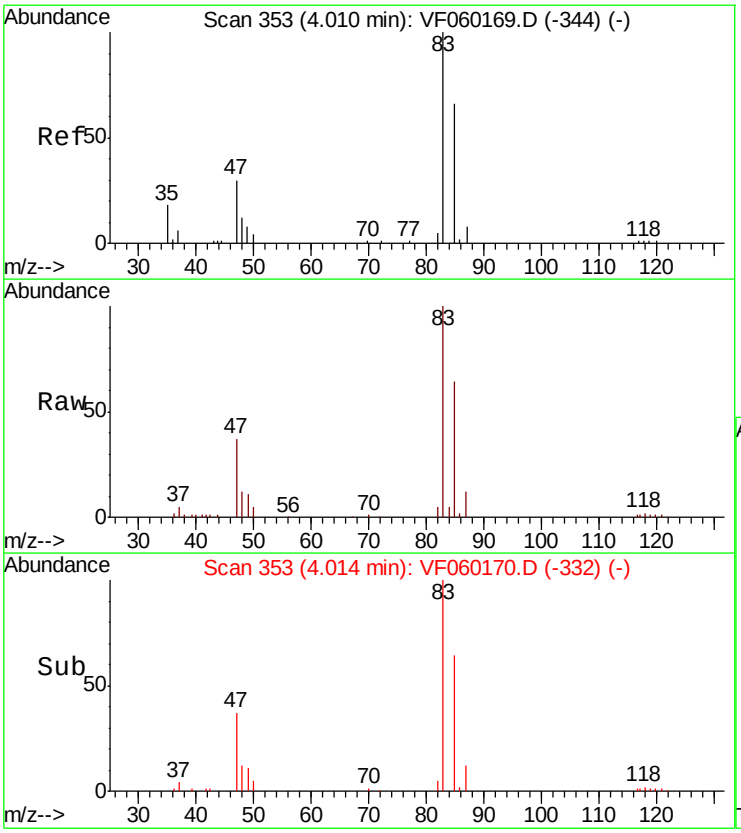

#29
Tetrahydrofuran
Concen: 92.97 ug/l
RT: 4.22 min Scan# 374
Delta R.T. 0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 42 Resp: 10450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 46.0 | 27.0 | 40.4# |
| 71 | 34.4 | 24.6 | 36.8 |

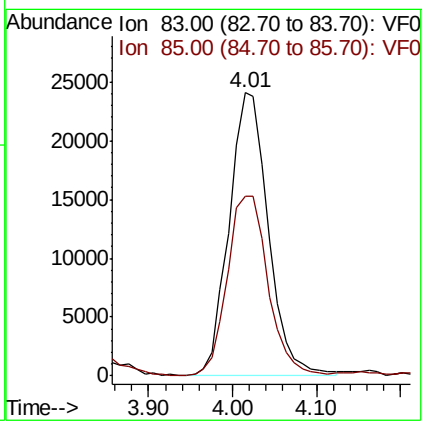


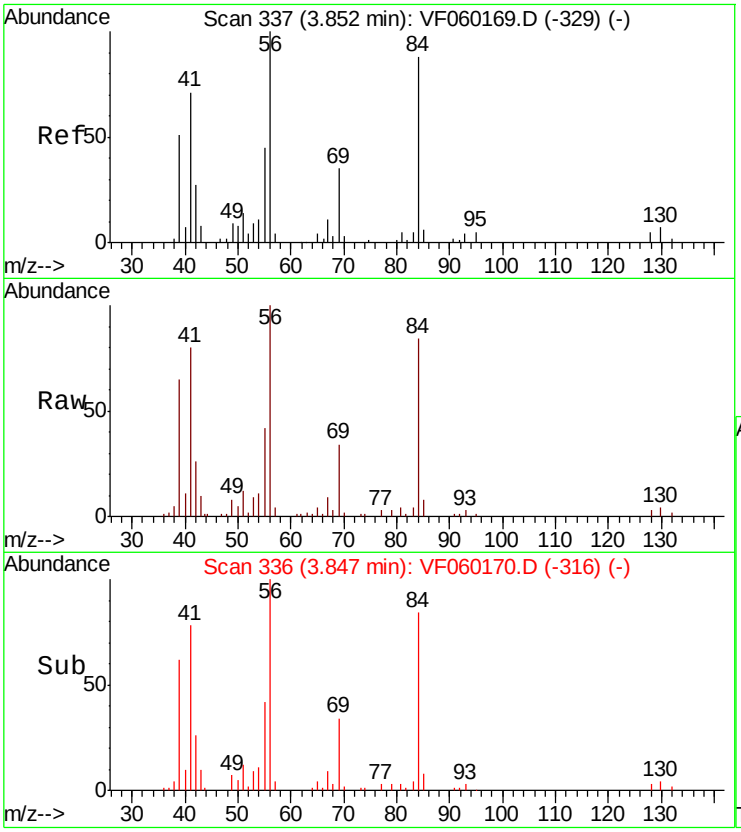




#30
Chloroform
Concen: 51.49 ug/l
RT: 4.01 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 83 Resp: 78344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.5 | 52.8 | 79.2 |



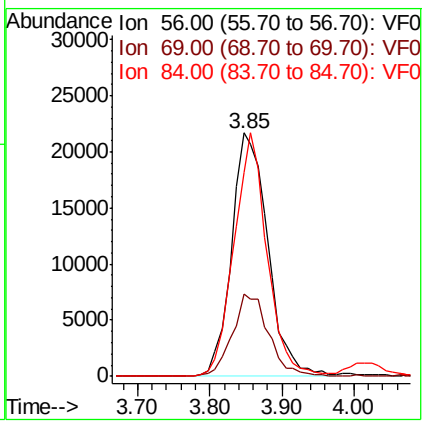


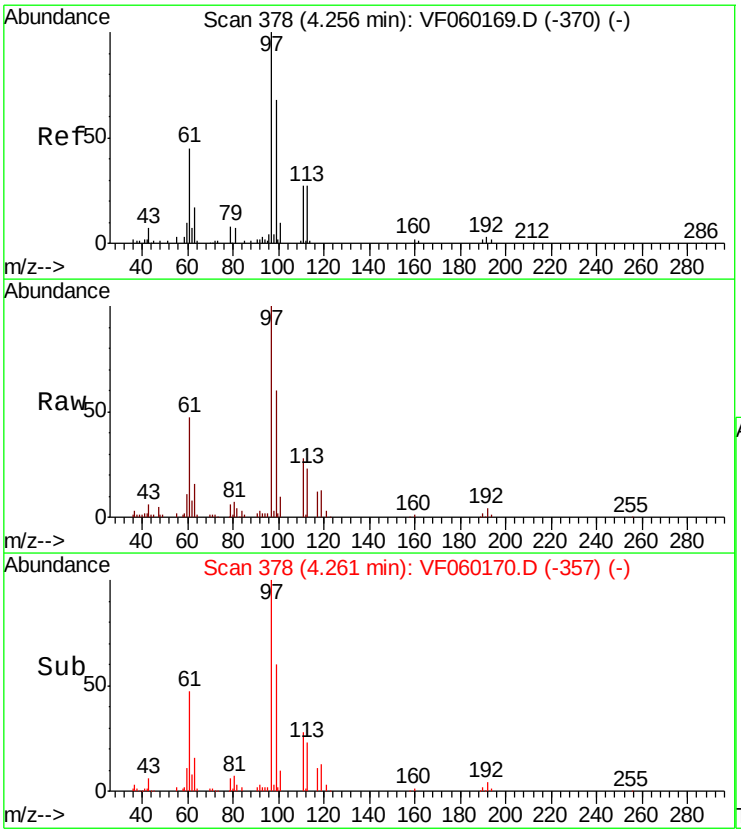

#31
Cyclohexane
Concen: 84.41 ug/l
RT: 3.85 min Scan# 336
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion: 56 Resp: 76304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 33.7 | 27.7 | 41.5 |
| 84 | 84.0 | 70.2 | 105.4 |

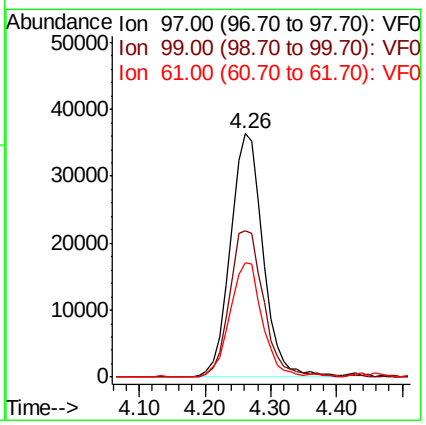


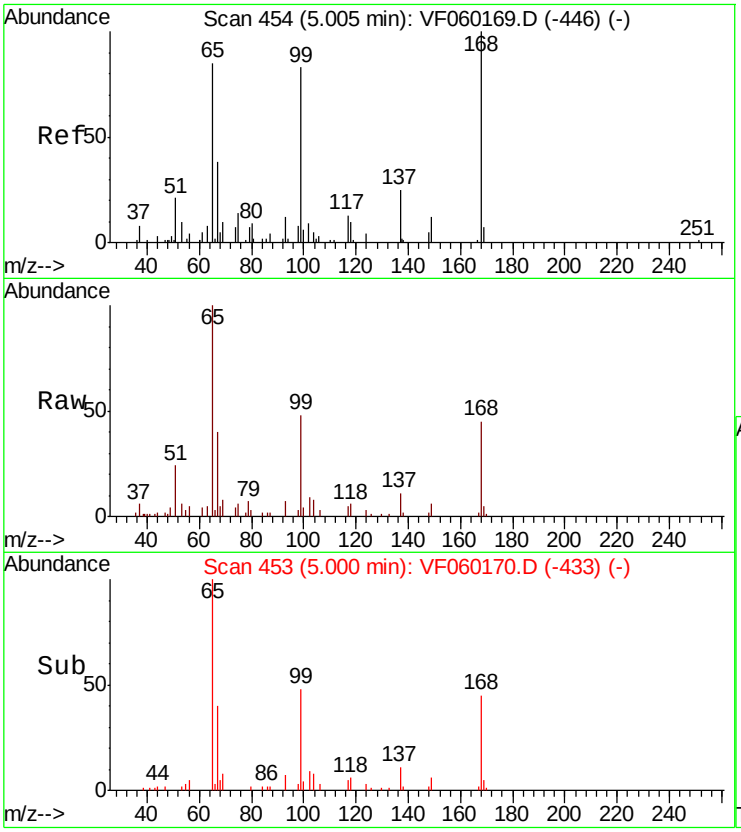




#32
1,1,1-Trichloroethane
Concen: 89.48 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 97 Resp: 126755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 60.4 | 54.4 | 81.6 |
| 61 | 46.9 | 36.2 | 54.4 |



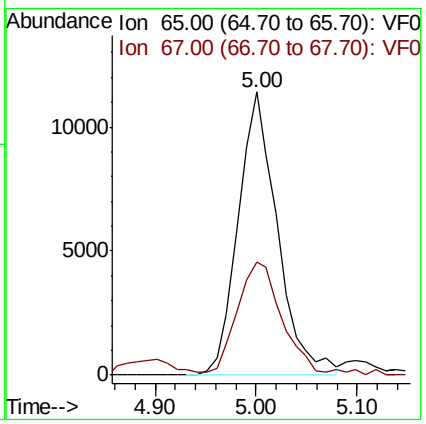


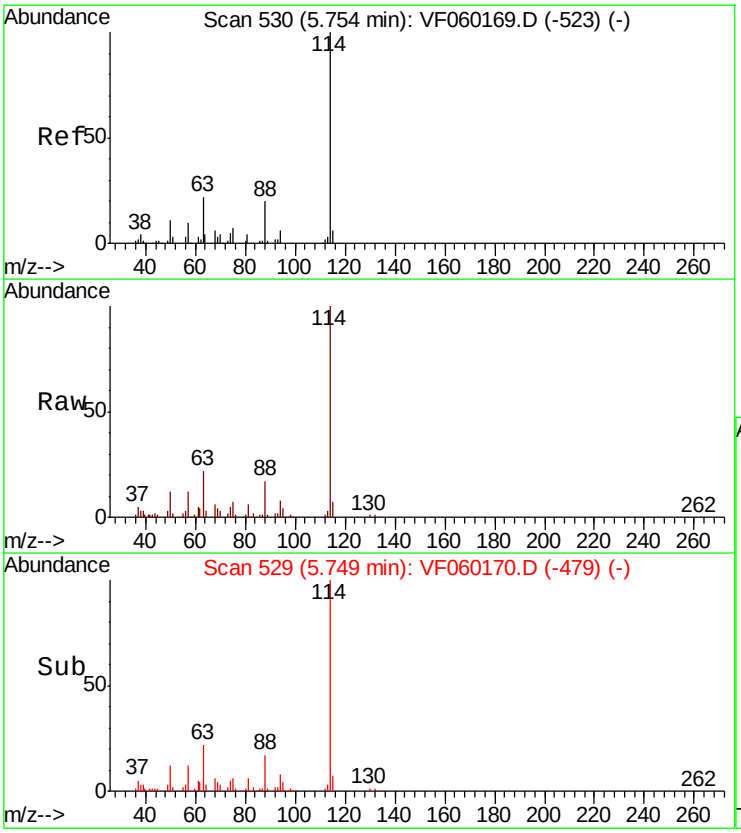

#33
1,2-Dichloroethane-d4
Concen: 33.72 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 65 Resp: 30992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 39.8 | 0.0 | 92.6 |

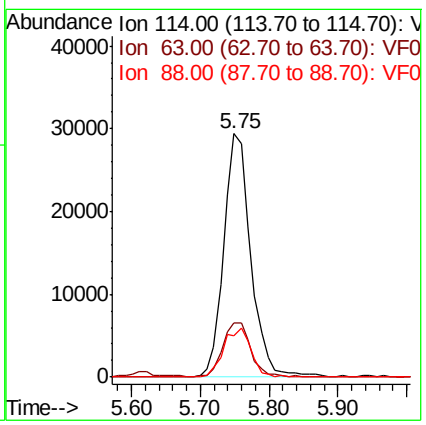


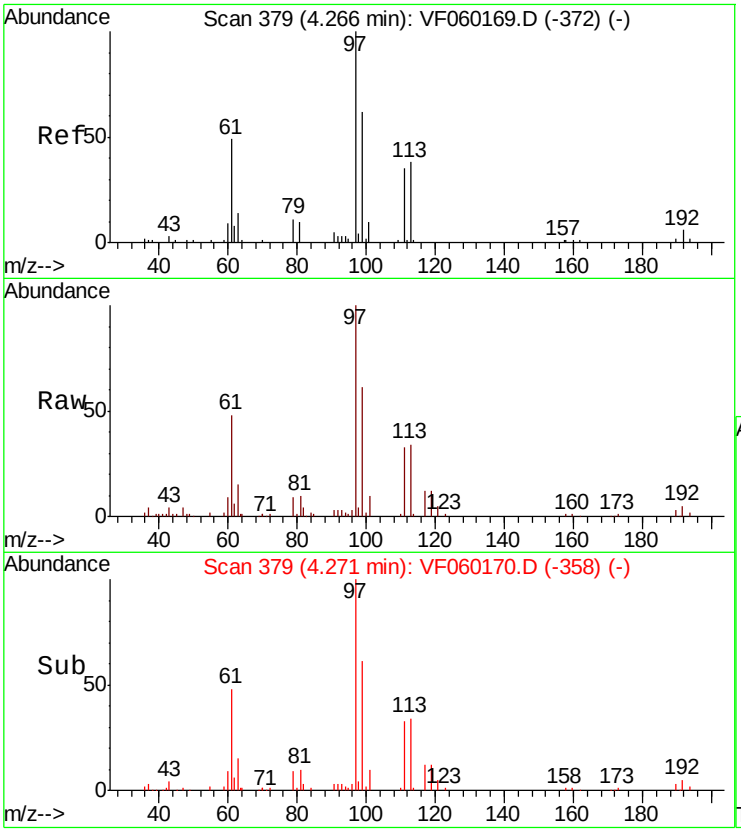




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.75 min Scan# 529
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:114 Resp: 79675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.4 | 0.0 | 45.8 |
| 88 | 17.1 | 0.0 | 40.2 |



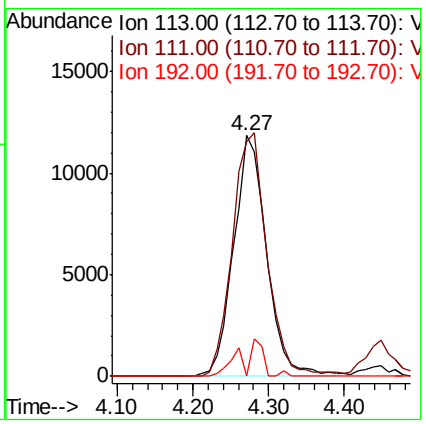


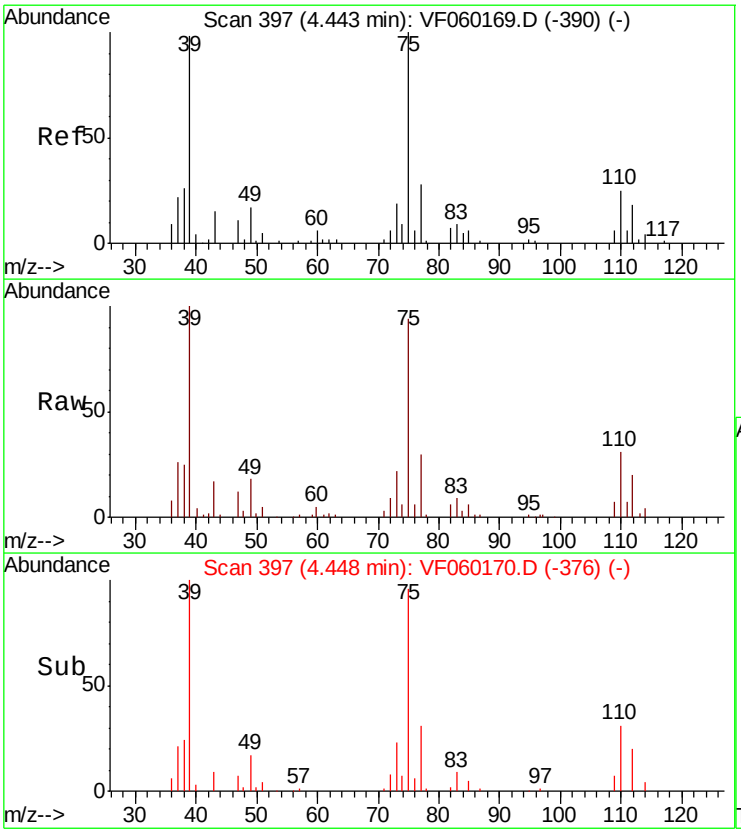

#35
Dibromofluoromethane
Concen: 58.71 ug/l
RT: 4.27 min Scan# 379
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:113 Resp: 35807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 97.3 | 75.5 | 113.3 |
| 192 | 0.0 | 12.5 | 18.7# |

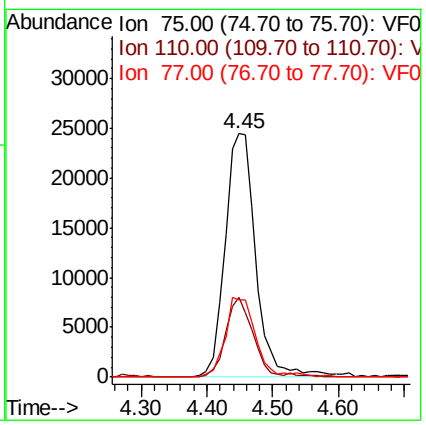


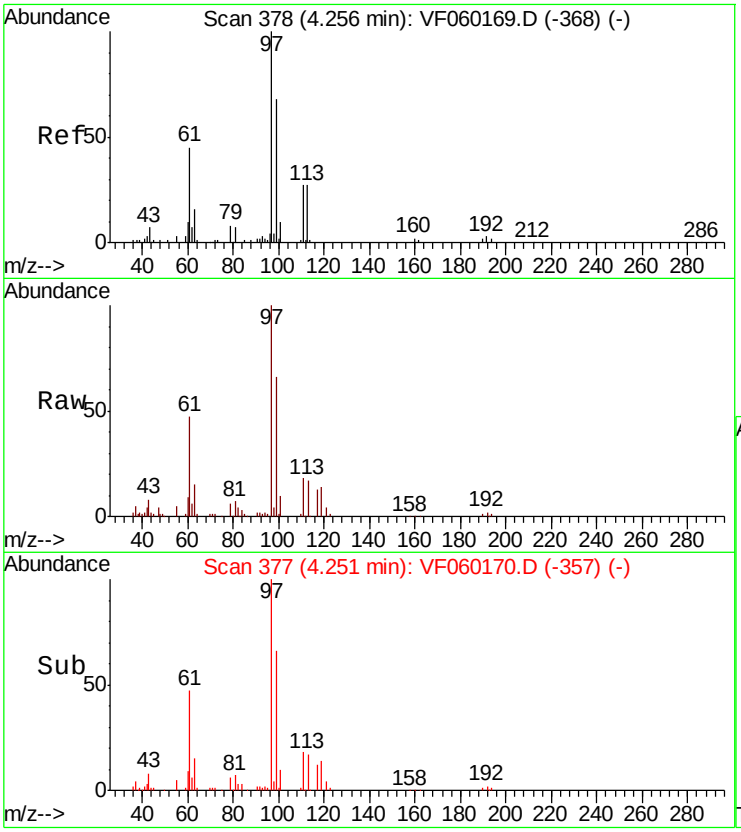




#36
1,1-Dichloropropene
Concen: 99.02 ug/l
RT: 4.45 min Scan# 397
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 75 Resp: 79669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 32.6 | 12.6 | 37.6 |
| 77 | 31.9 | 22.2 | 33.4 |



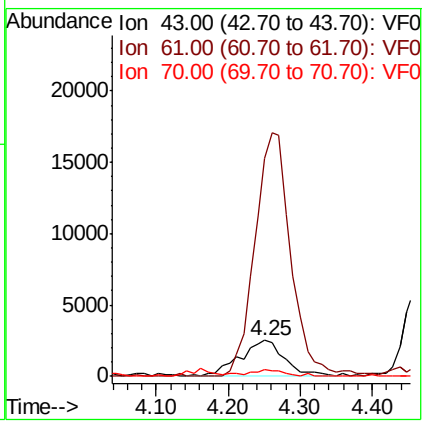


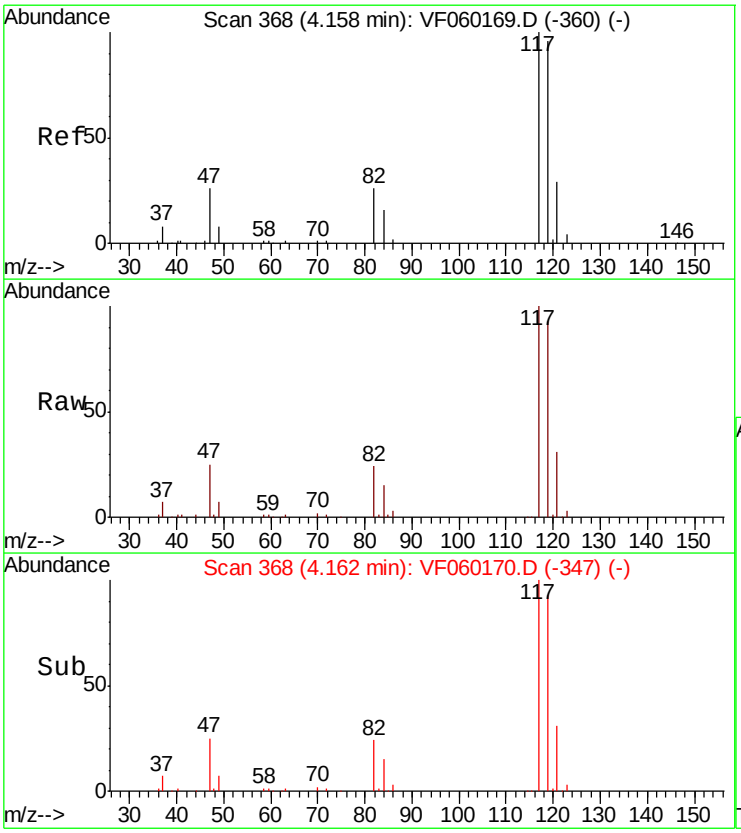

#37
Ethyl Acetate
Concen: 27.54 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion: 43 Resp: 10904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 612.2 | 517.6 | 776.4 |
| 70 | 17.5 | 15.4 | 23.2 |

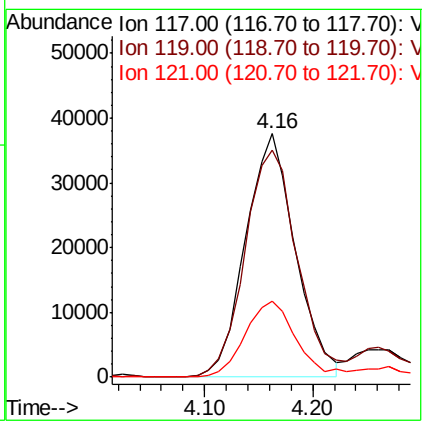


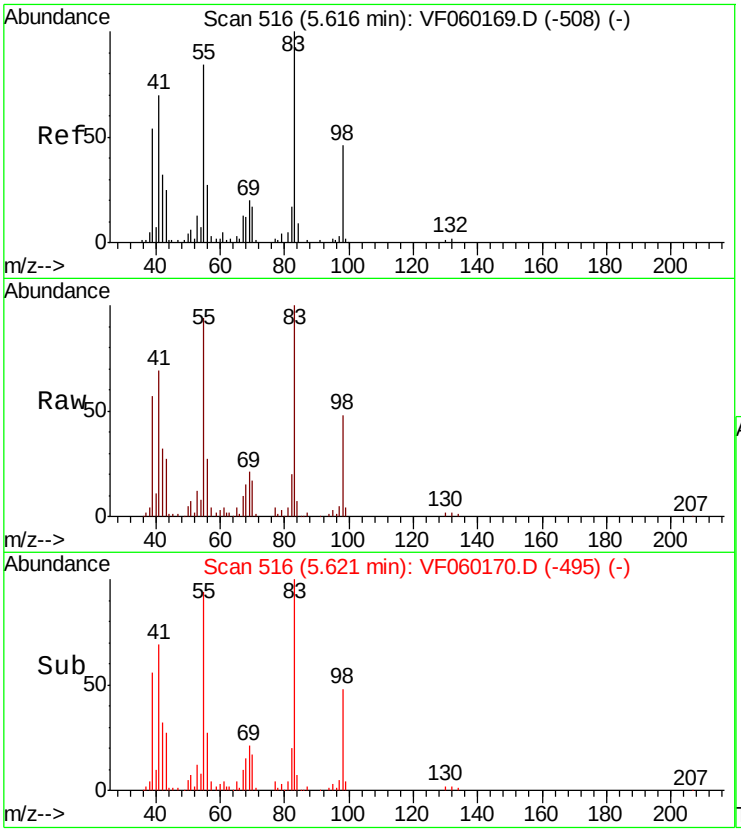




#38
Carbon Tetrachloride
Concen: 122.23 ug/l
RT: 4.16 min Scan# 368
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:117 Resp: 120942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.1 | 76.8 | 115.2 |
| 121 | 31.1 | 22.9 | 34.3 |



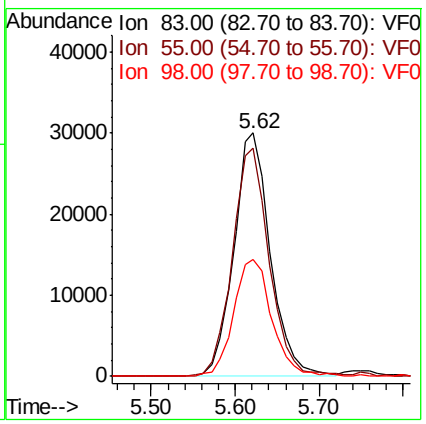


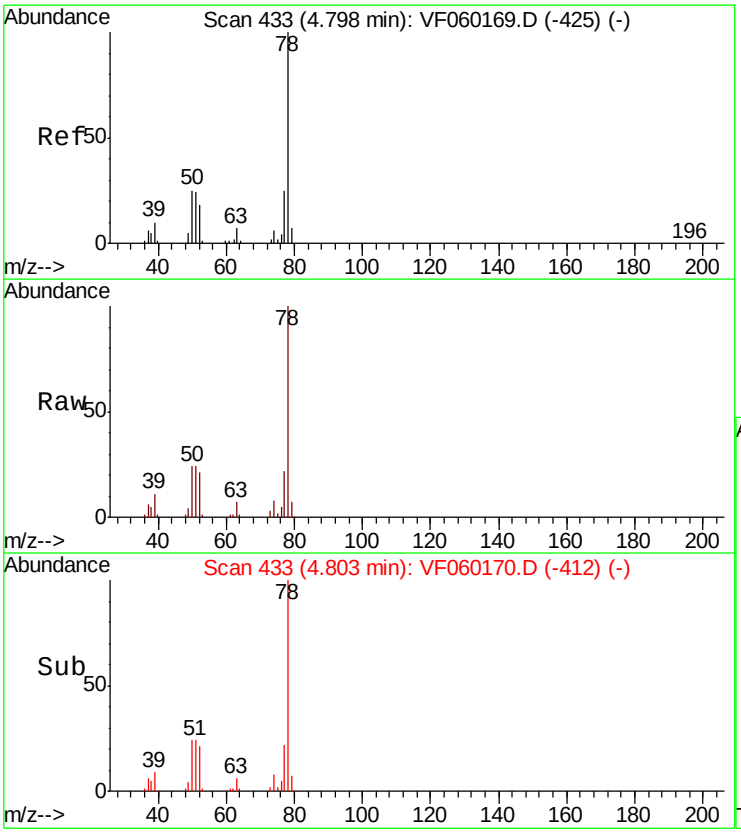

#39
Methylcyclohexane
Concen: 115.42 ug/l
RT: 5.62 min Scan# 516
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion: 83 Resp: 90672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 93.6 | 67.4 | 101.2 |
| 98 | 48.1 | 37.0 | 55.6 |

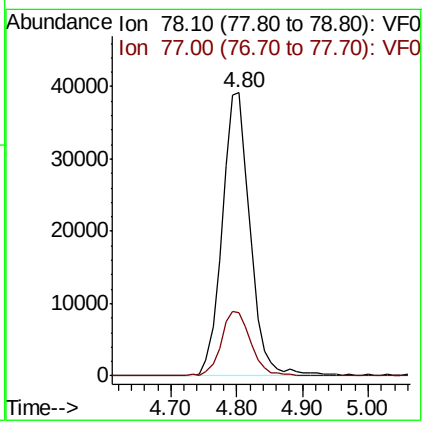


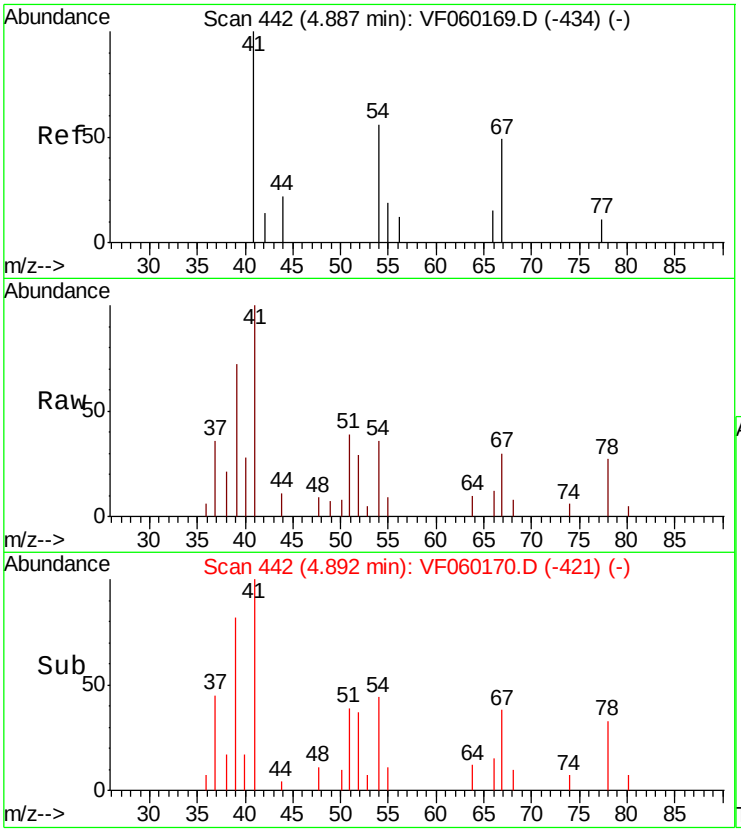




#40
Benzene
Concen: 71.99 ug/l
RT: 4.80 min Scan# 433
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 78 Resp: 116377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.2 | 20.2 | 30.2 |



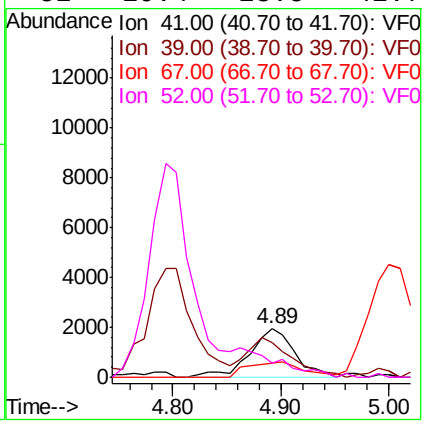


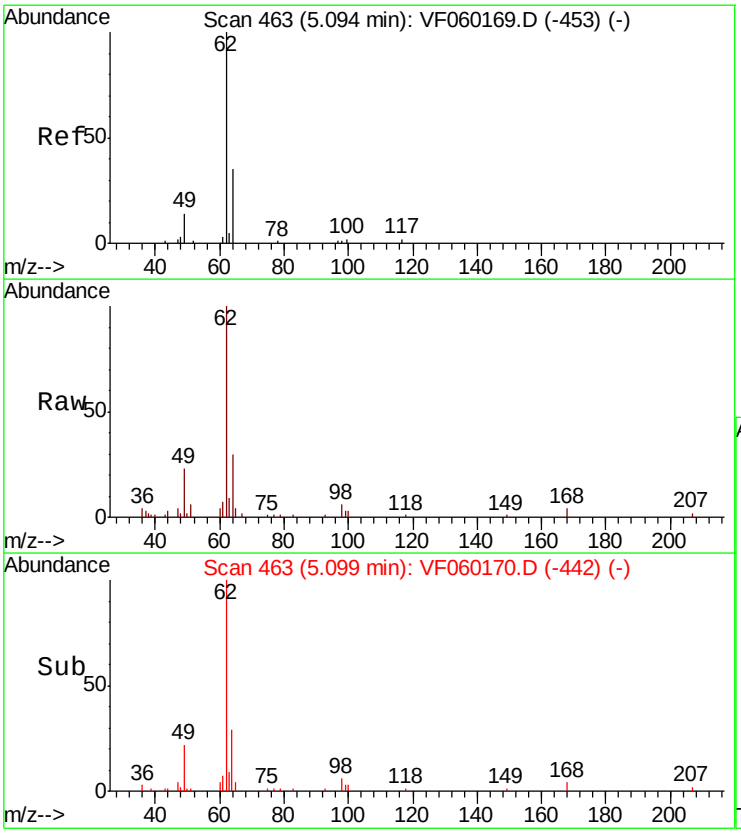

#41
Methacrylonitrile
Concen: 27.83 ug/l
RT: 4.89 min Scan# 442
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 41 Resp: 5636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 72.2 | 45.0 | 67.6# |
| 67 | 30.2 | 39.5 | 59.3# |
| 52 | 29.4 | 28.5 | 42.7 |

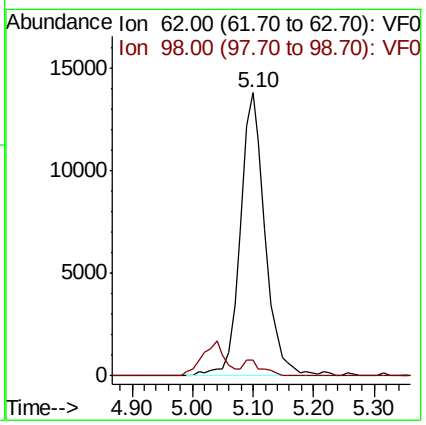


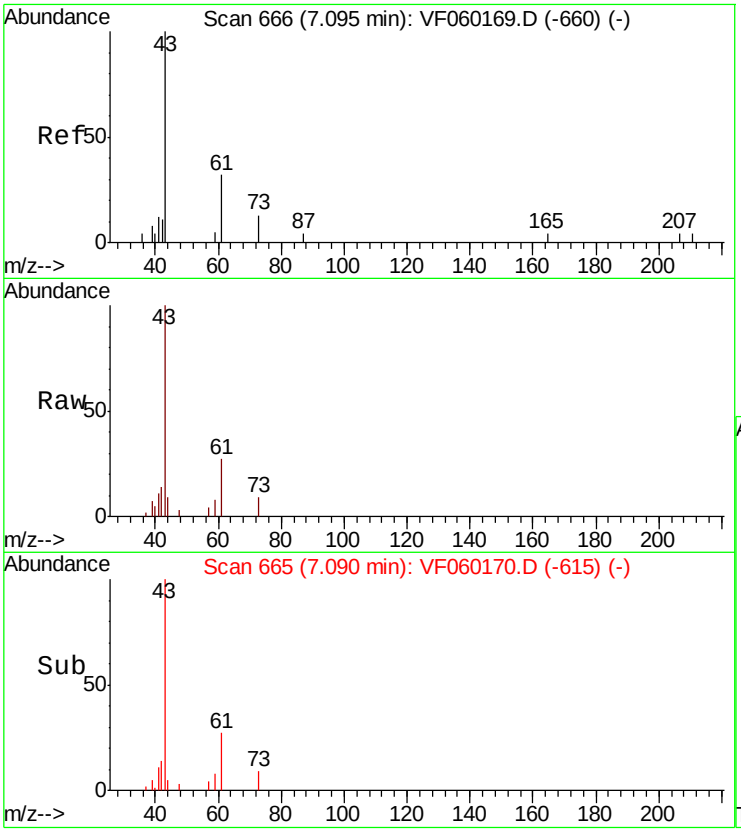




#42
1,2-Dichloroethane
Concen: 47.89 ug/l
RT: 5.10 min Scan# 463
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 62 Resp: 39199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 5.8 | 0.0 | 13.2 |



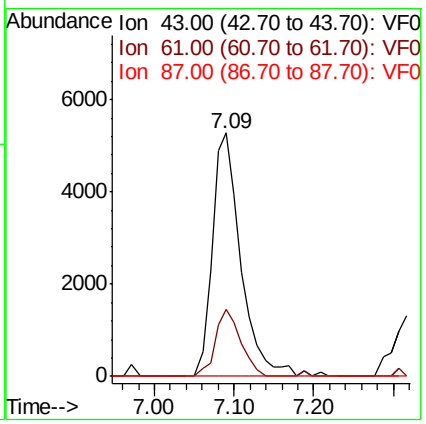


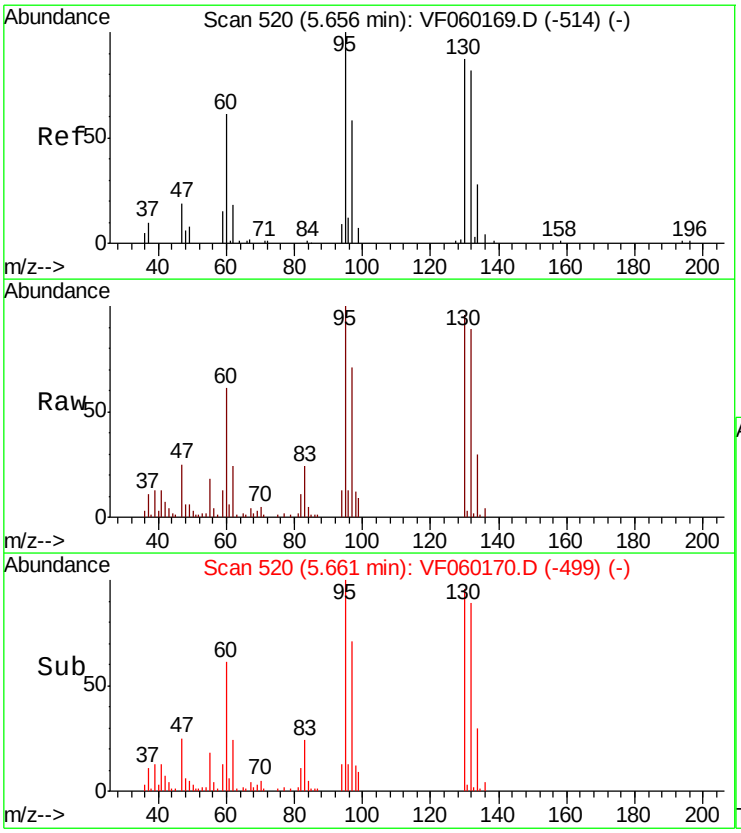

#43
Isopropyl Acetate
Concen: 26.83 ug/l
RT: 7.09 min Scan# 665
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion: 43 Resp: 13238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 27.3 | 25.3 | 37.9 |
| 87 | 0.0 | 3.0 | 4.6# |

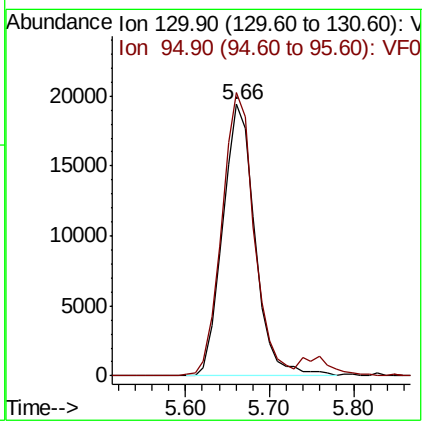


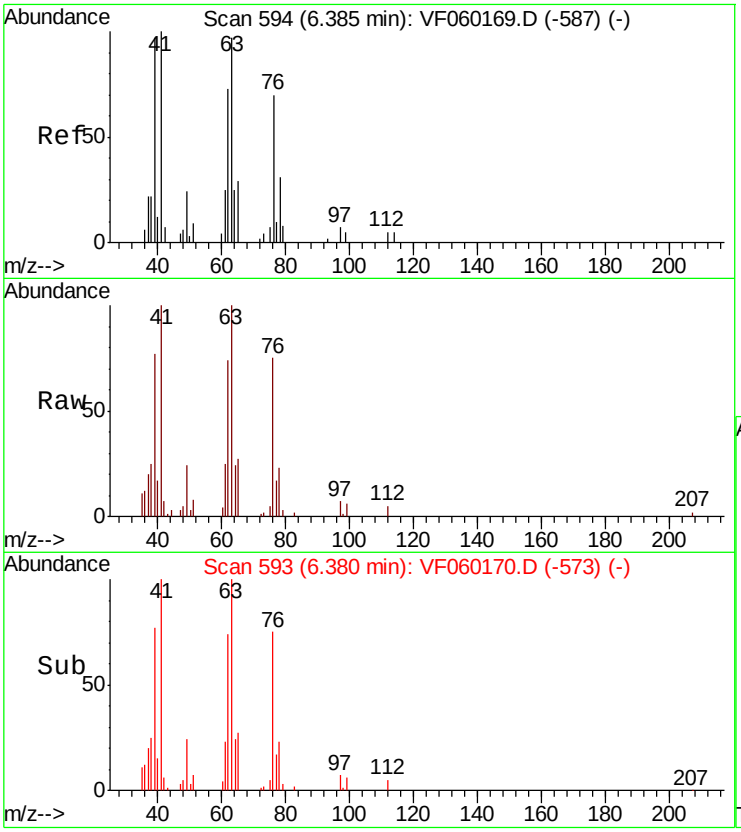




#44
Trichloroethene
Concen: 91.73 ug/l
RT: 5.66 min Scan# 520
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:130 Resp: 51523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 104.2 | 0.0 | 230.8 |



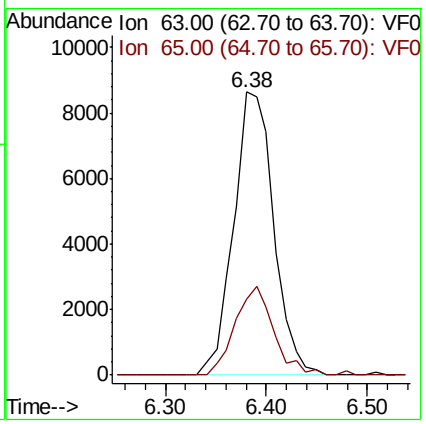


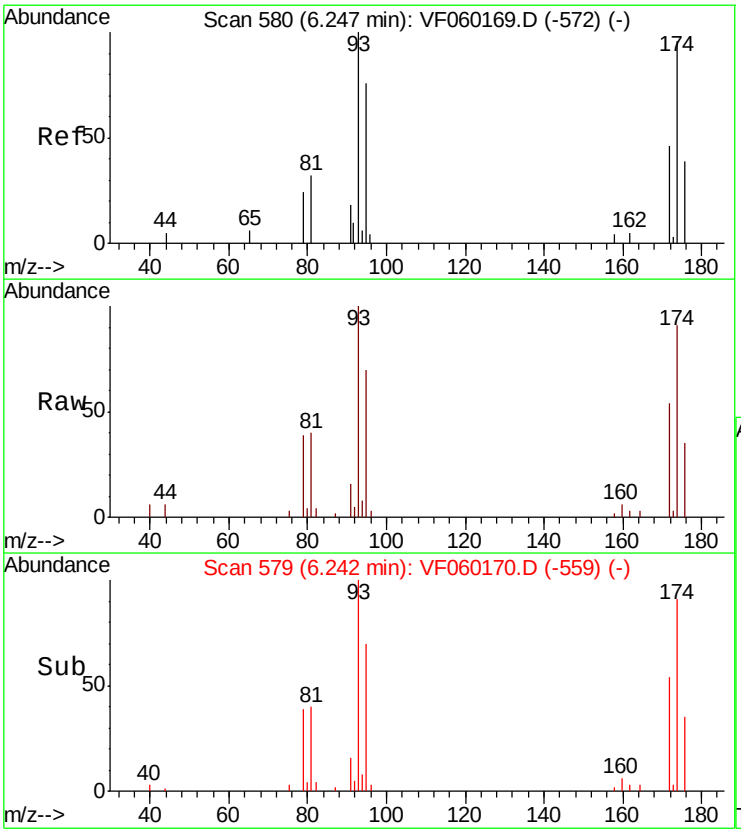

#45
1,2-Dichloropropane
Concen: 54.82 ug/l
RT: 6.38 min Scan# 593
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 63 Resp: 23914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 26.7 | 23.6 | 35.4 |

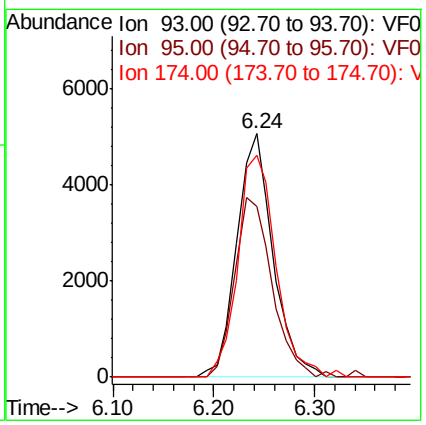


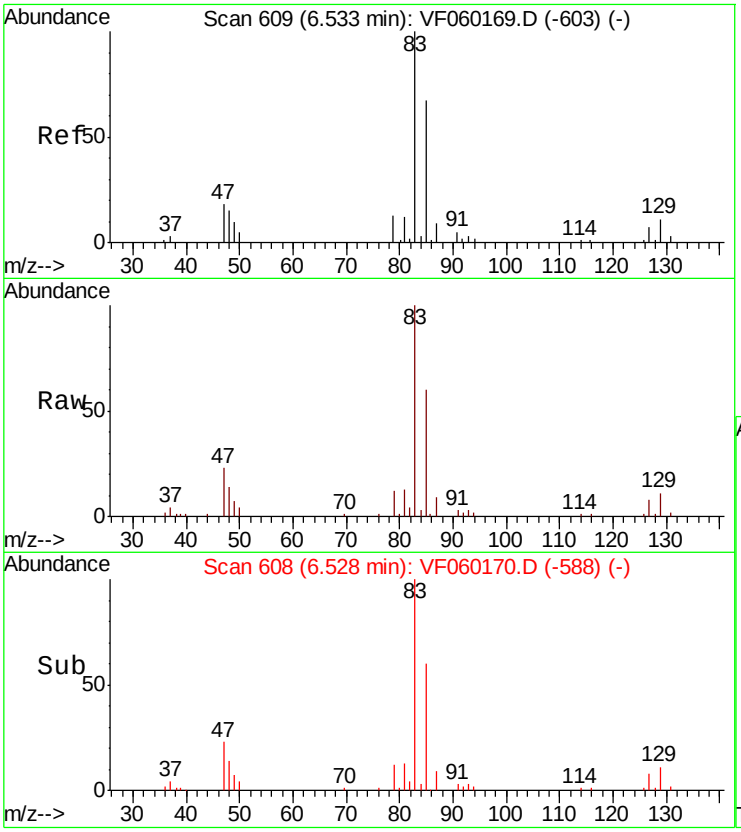




#46
Dibromomethane
Concen: 38.49 ug/l
RT: 6.24 min Scan# 579
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 93 Resp: 12714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 69.9 | 60.8 | 91.2 |
| 174 | 91.3 | 76.8 | 115.2 |



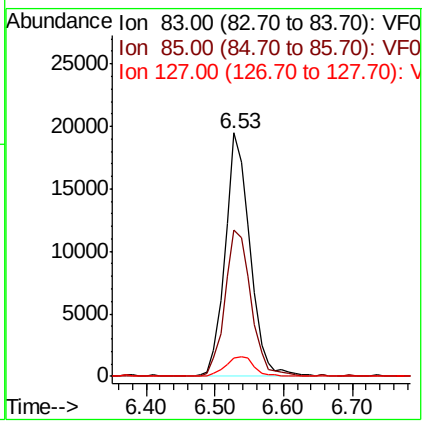


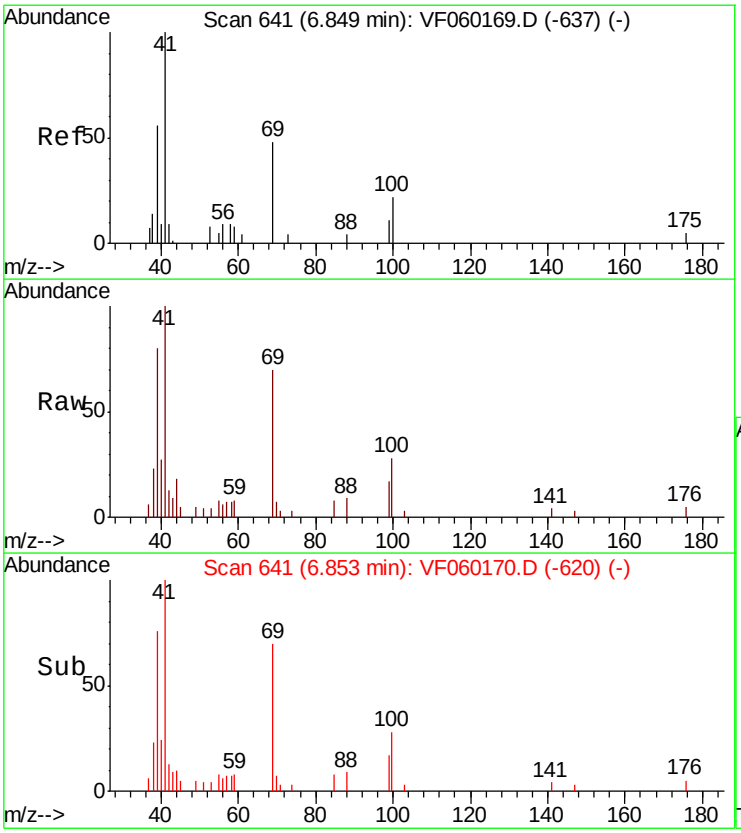

#47
Bromodichloromethane
Concen: 58.11 ug/l
RT: 6.53 min Scan# 608
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 83 Resp: 48272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 60.5 | 53.3 | 79.9 |
| 127 | 7.7 | 5.7 | 8.5 |

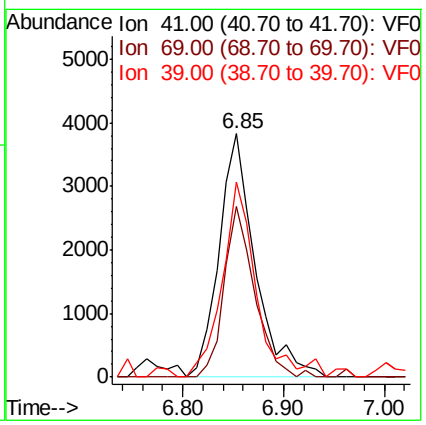


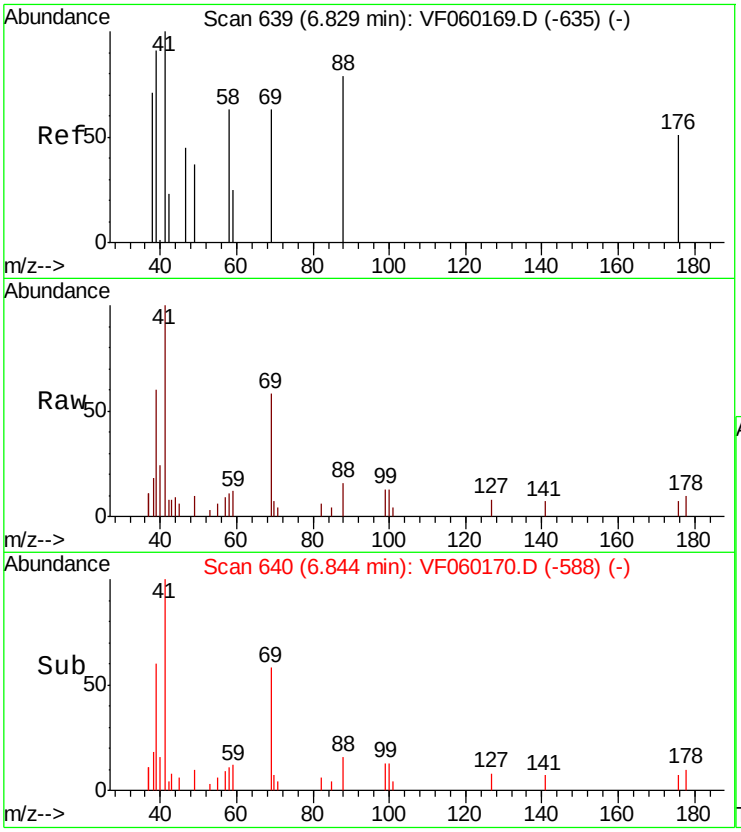




#48
Methyl methacrylate
Concen: 28.79 ug/l
RT: 6.85 min Scan# 641
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 41 Resp: 9485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 70.1 | 38.2 | 57.2# |
| 39 | 80.0 | 56.2 | 84.2 |



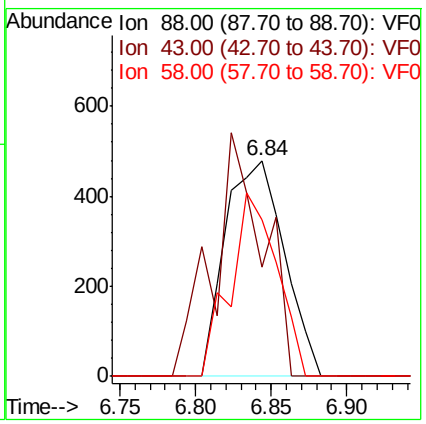


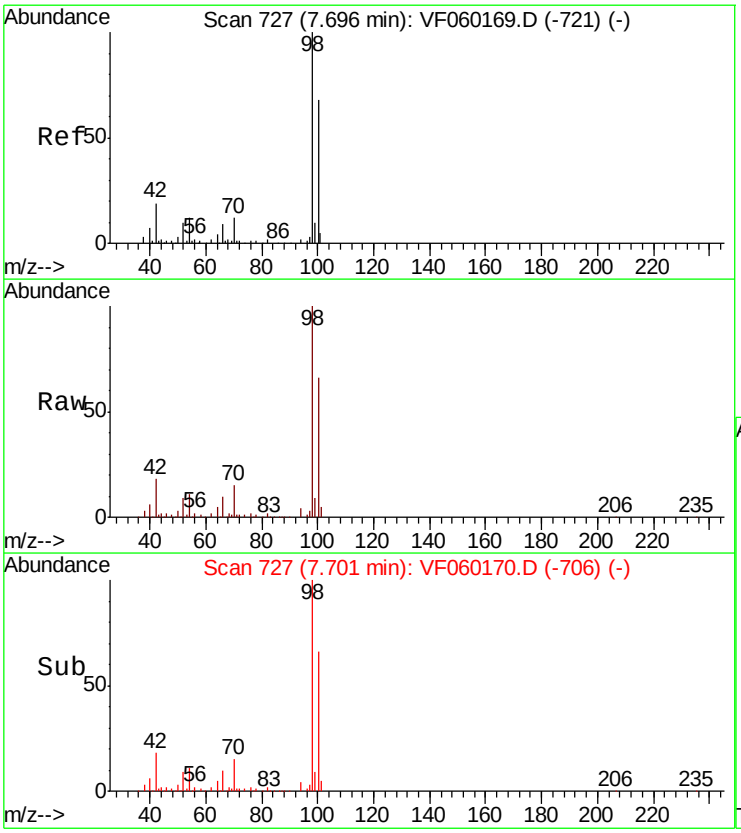

#49
1,4-Dioxane
Concen: 418.79 ug/l
RT: 6.84 min Scan# 640
Delta R.T. 0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 88 Resp: 1306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 50.5 | 24.5 | 36.7# |
| 58 | 72.7 | 63.8 | 95.8 |

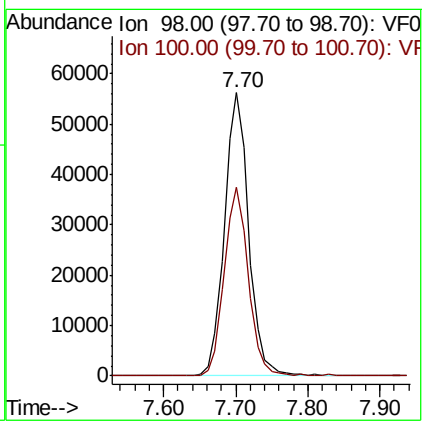


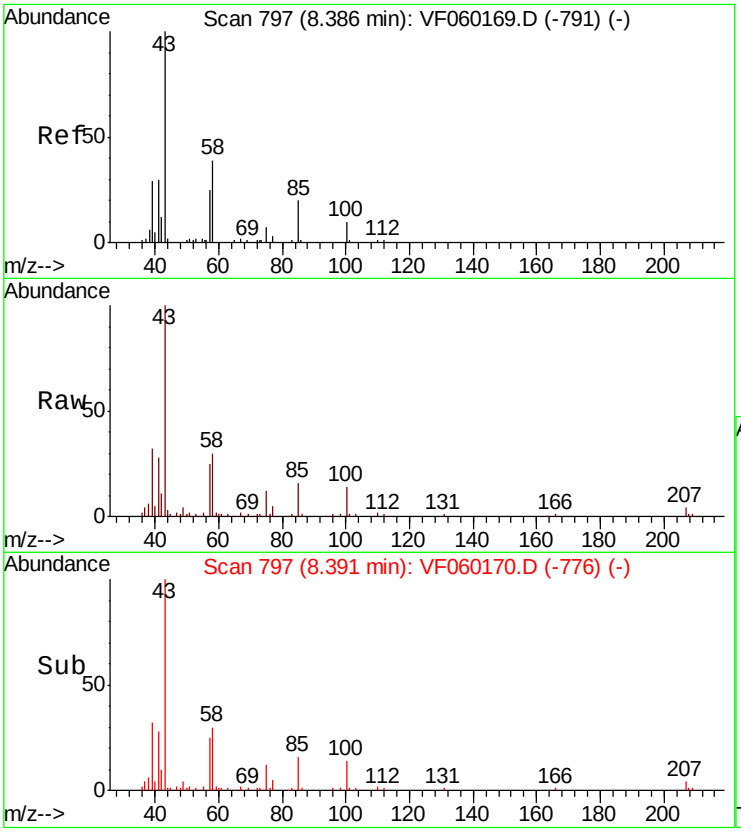




#50
Toluene-d8
Concen: 73.33 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 98 Resp: 131131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.4 | 54.5 | 81.7 |



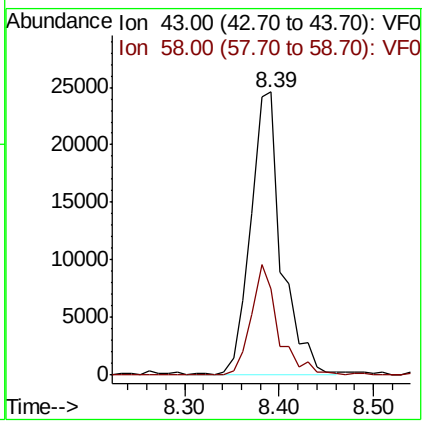


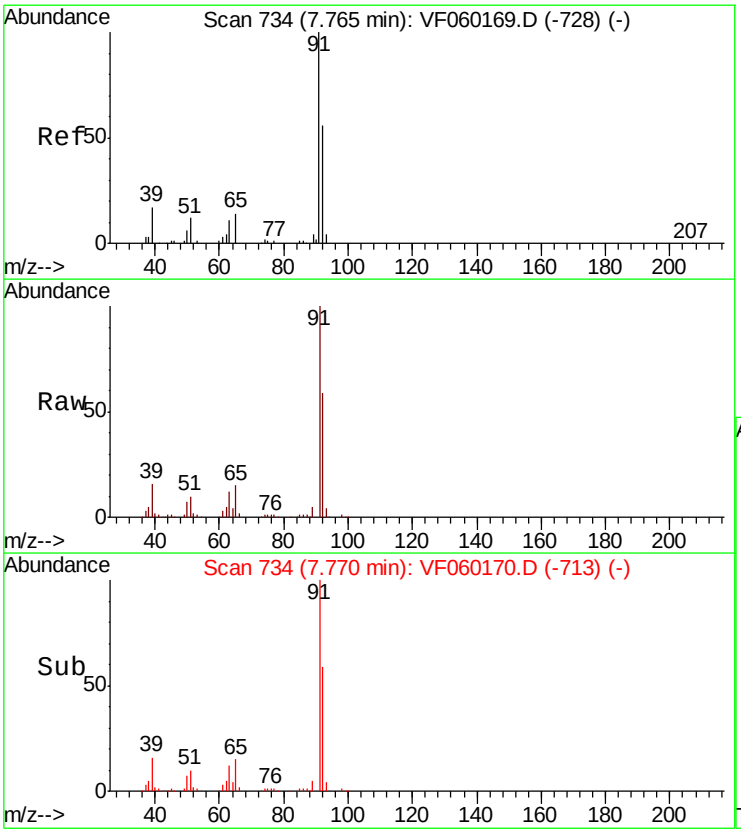

#51
4-Methyl-2-Pentanone
Concen: 130.93 ug/l
RT: 8.39 min Scan# 797
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion: 43 Resp: 56235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.5 | 31.0 | 46.6# |

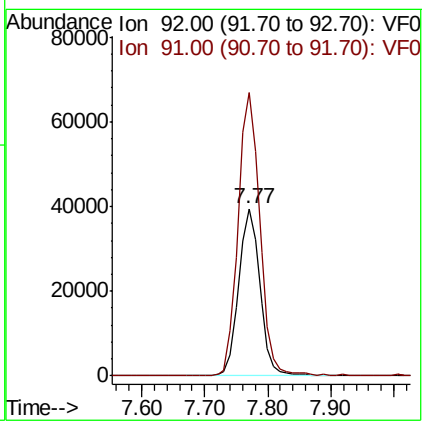


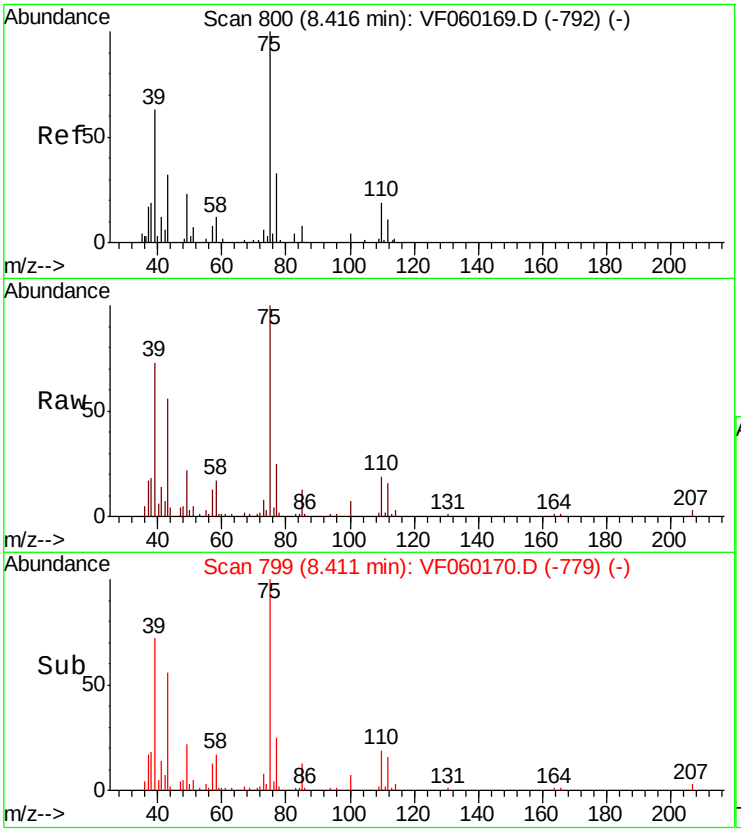




#52
Toluene
Concen: 76.46 ug/l
RT: 7.77 min Scan# 734
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 92 Resp: 91891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.4 | 141.9 | 212.9 |



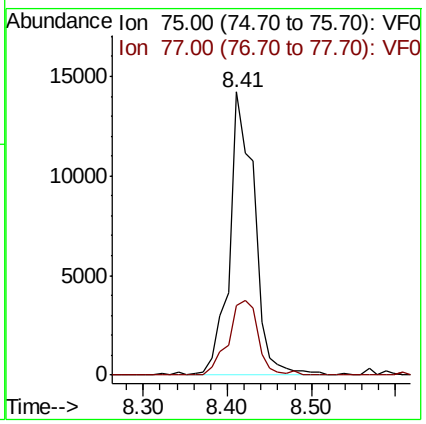


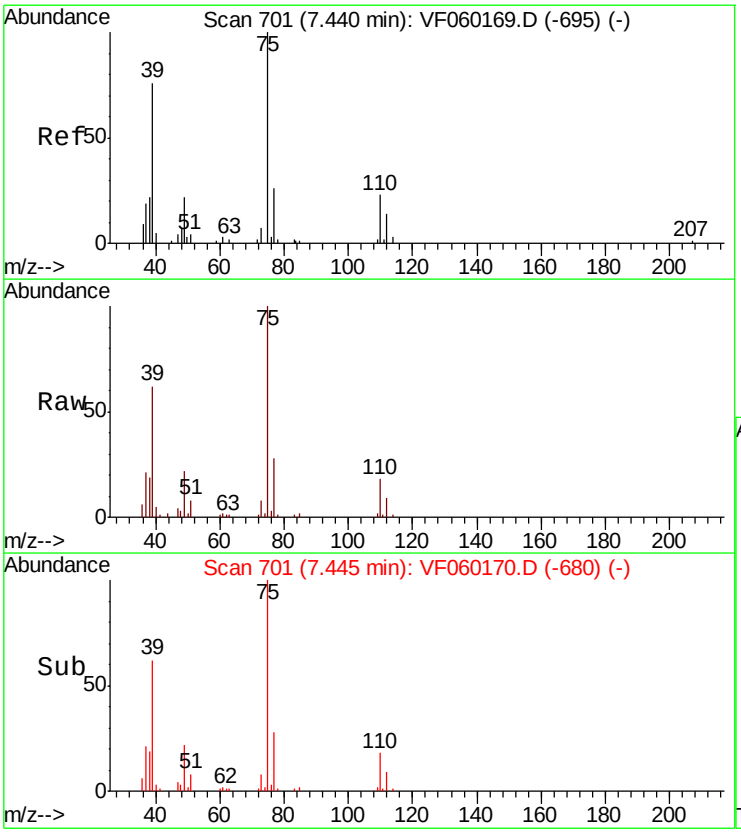

#53
t-1,3-Dichloropropene
Concen: 40.40 ug/l
RT: 8.41 min Scan# 799
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 75 Resp: 29284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 24.5 | 26.4 | 39.6# |

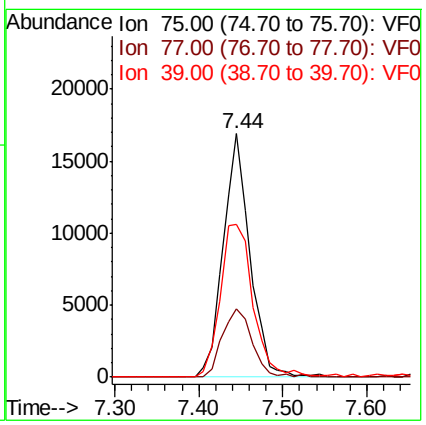


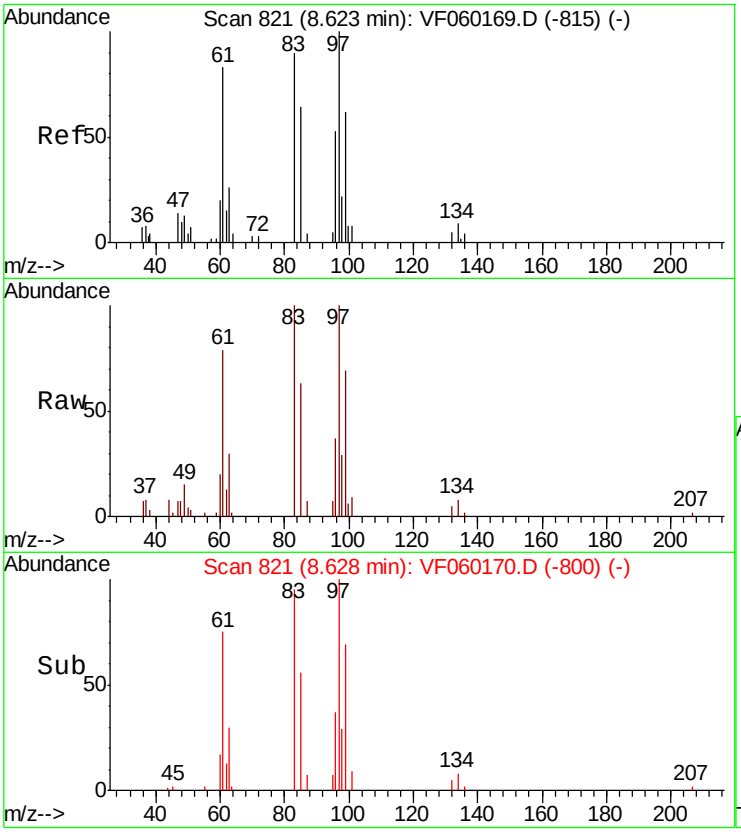




#54
cis-1,3-Dichloropropene
Concen: 46.14 ug/l
RT: 7.44 min Scan# 701
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 75 Resp: 37246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 27.8 | 20.7 | 31.1 |
| 39 | 62.5 | 60.9 | 91.3 |



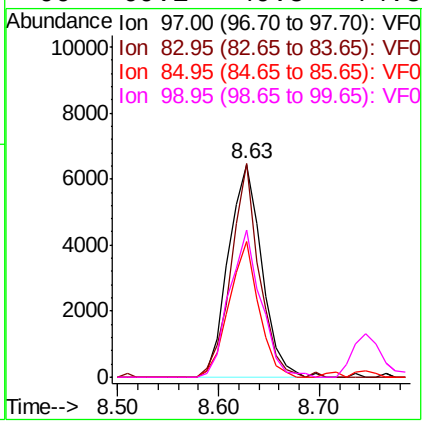


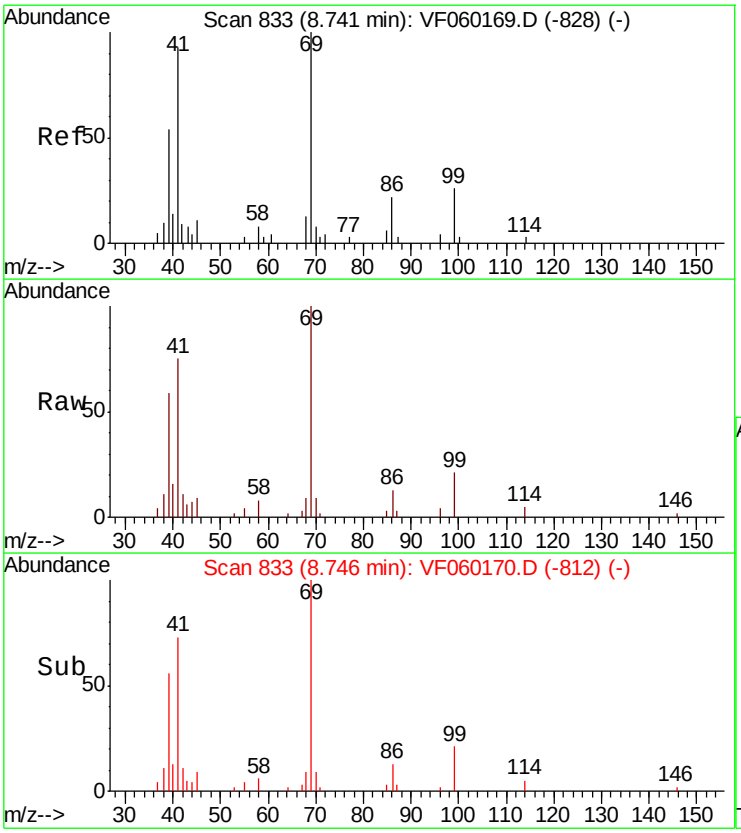

#55
1,1,2-Trichloroethane
Concen: 37.35 ug/l
RT: 8.63 min Scan# 821
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 97 Resp: 14794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 100.3 | 72.0 | 108.0 |
| 85 | 63.7 | 51.0 | 76.4 |
| 99 | 69.1 | 49.5 | 74.3 |

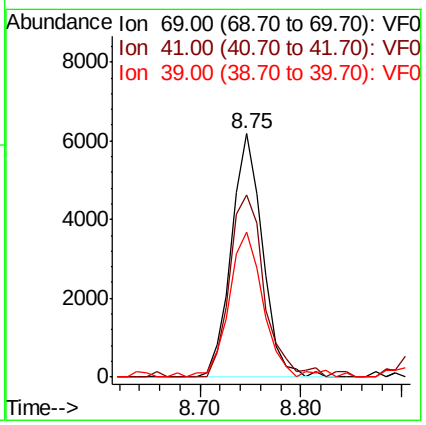


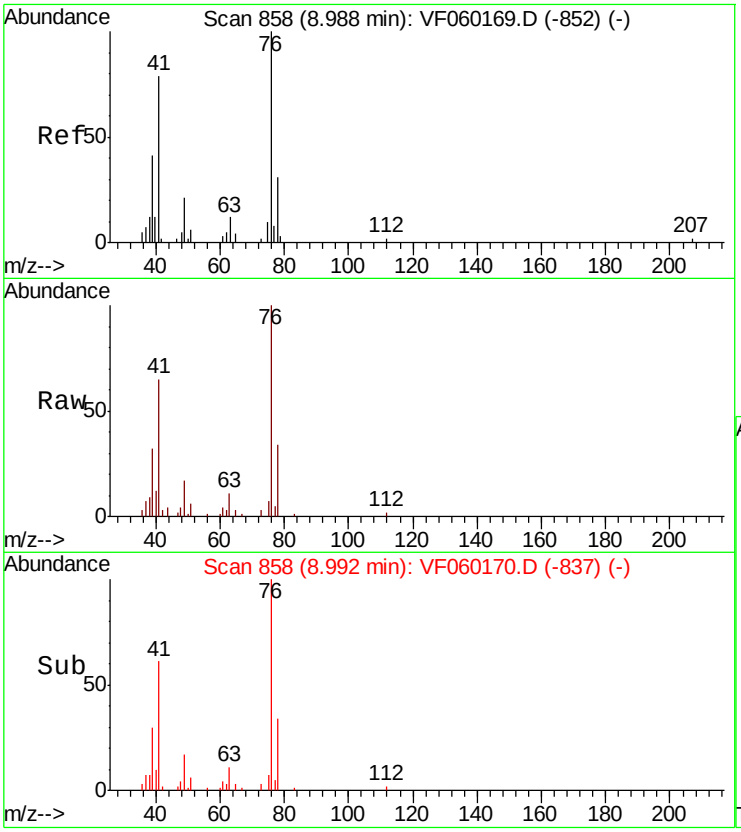




#56
Ethyl methacrylate
Concen: 28.39 ug/l
RT: 8.75 min Scan# 833
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 69 Resp: 13314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 74.9 | 74.6 | 111.8 |
| 39 | 59.4 | 46.2 | 69.4 |



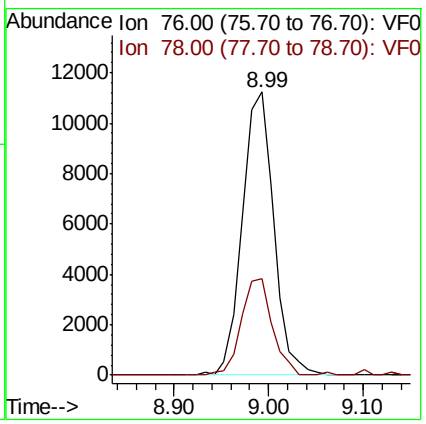


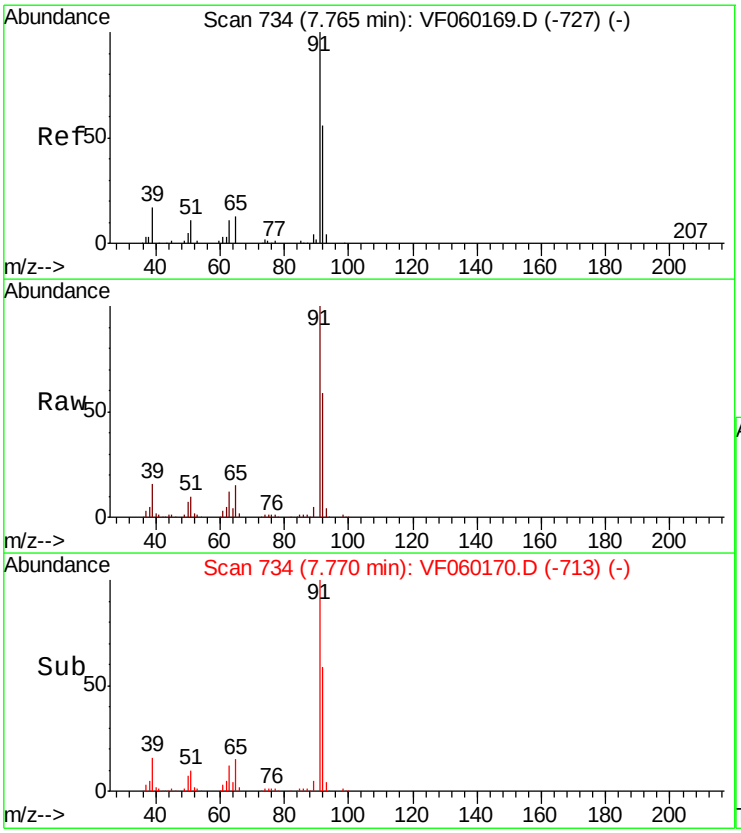

#57
1,3-Dichloropropane
Concen: 37.20 ug/l
RT: 8.99 min Scan# 858
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 76 Resp: 25893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 34.0 | 24.6 | 37.0 |

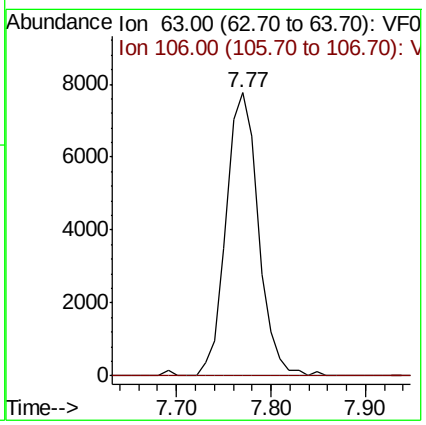


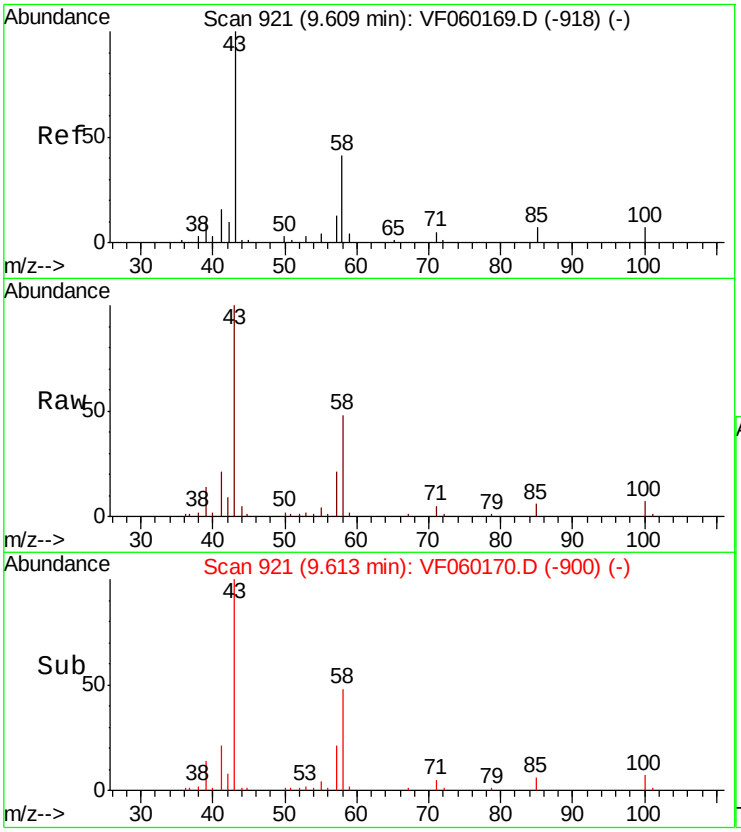




#58
2-Chloroethyl Vinyl ether
Concen: 417.72 ug/l
RT: 7.77 min Scan# 734
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 63 Resp: 18382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 0.0 | 0.0 | 0.0 |



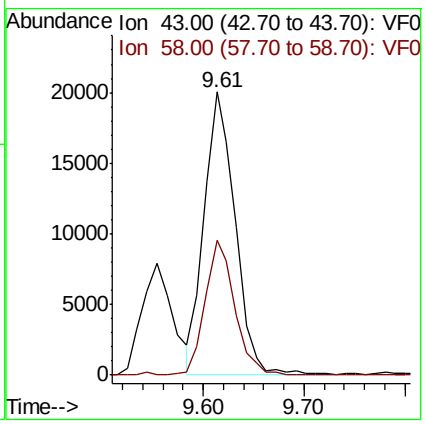


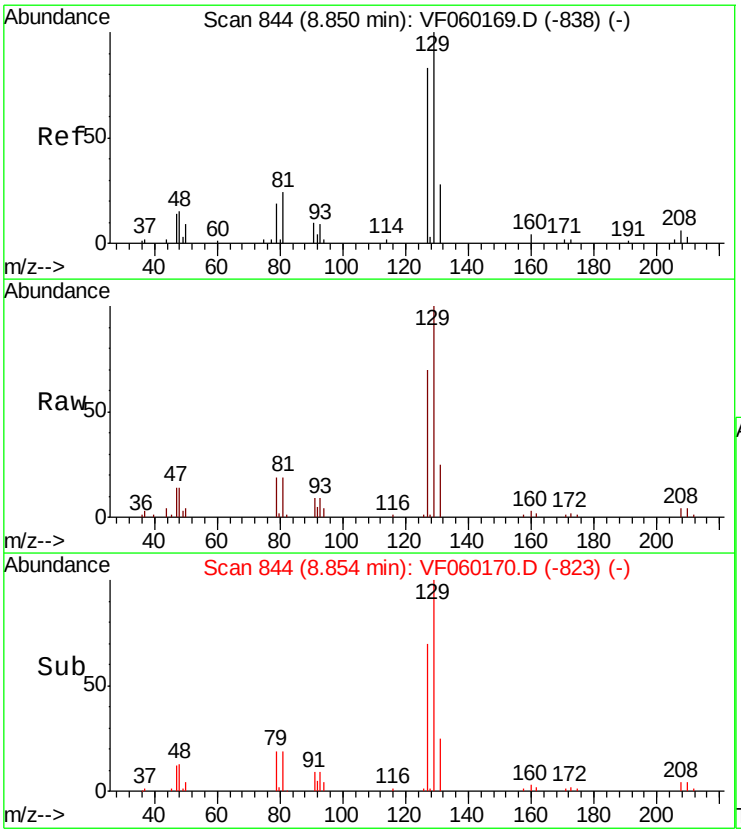

#59
2-Hexanone
Concen: 124.66 ug/l
RT: 9.61 min Scan# 921
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 43 Resp: 43051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 47.5 | 19.4 | 58.4 |

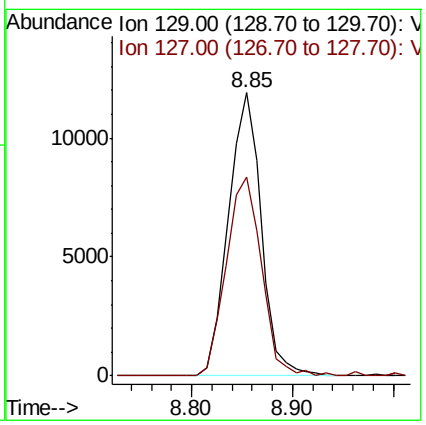


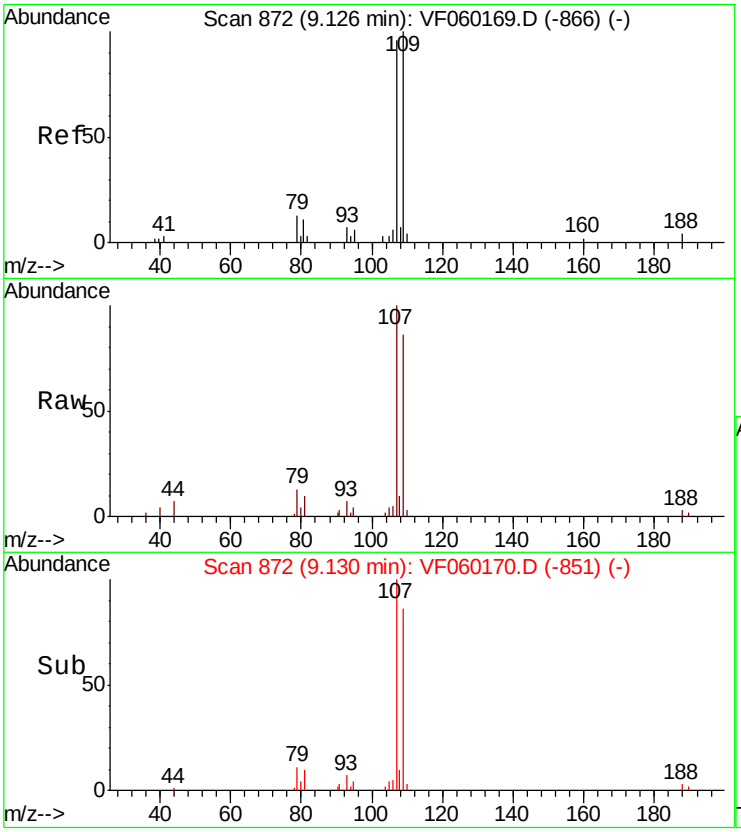




#60
Dibromochloromethane
Concen: 45.05 ug/l
RT: 8.85 min Scan# 844
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:129 Resp: 26877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 71.8 | 43.2 | 129.6 |



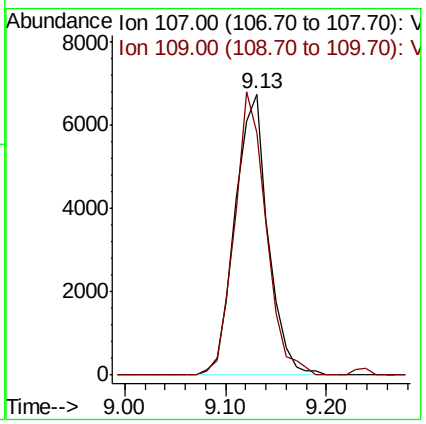


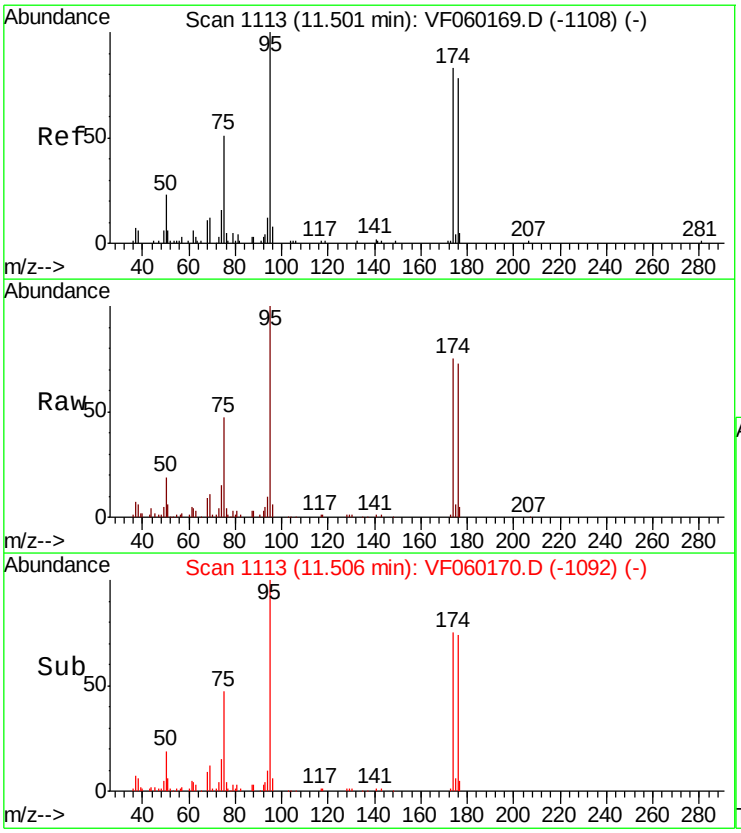

#61
1,2-Dibromoethane
Concen: 33.10 ug/l
RT: 9.13 min Scan# 872
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion:107 Resp: 15359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 86.3 | 83.4 | 125.0 |

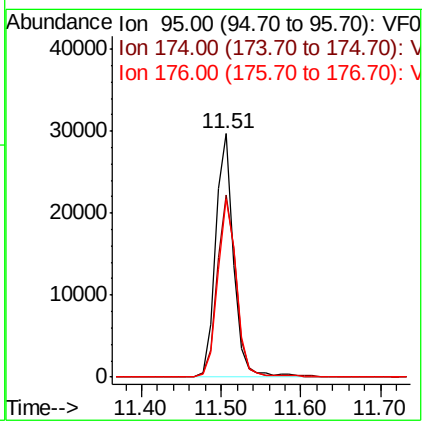


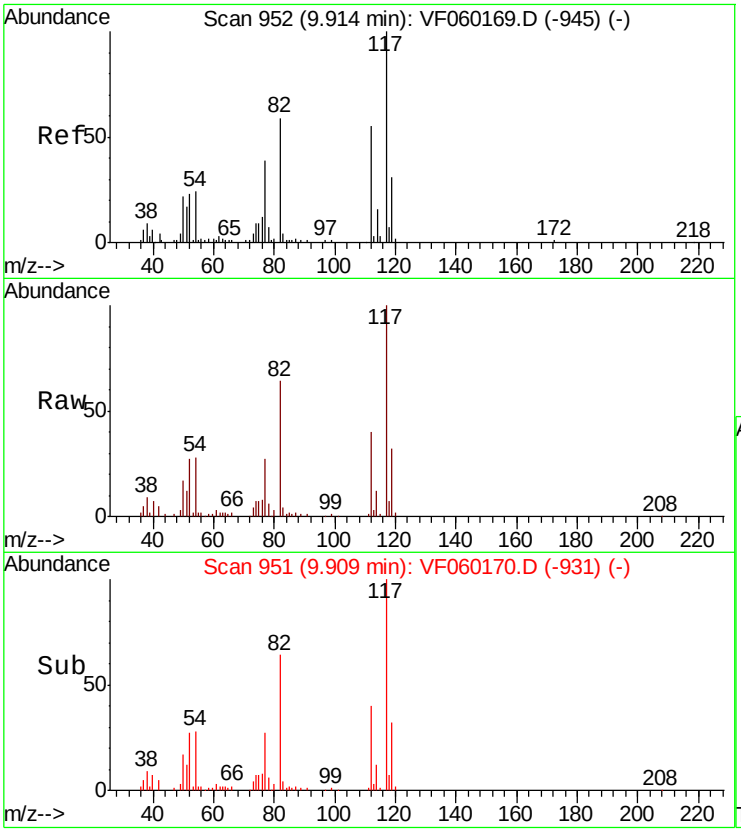




#62
4-Bromofluorobenzene
Concen: 53.02 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 95 Resp: 47402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.6 | 0.0 | 165.2 |
| 176 | 73.2 | 0.0 | 156.6 |



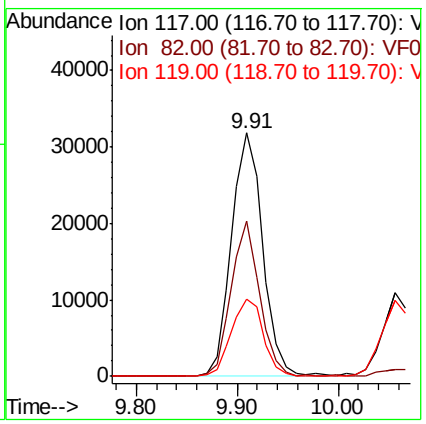


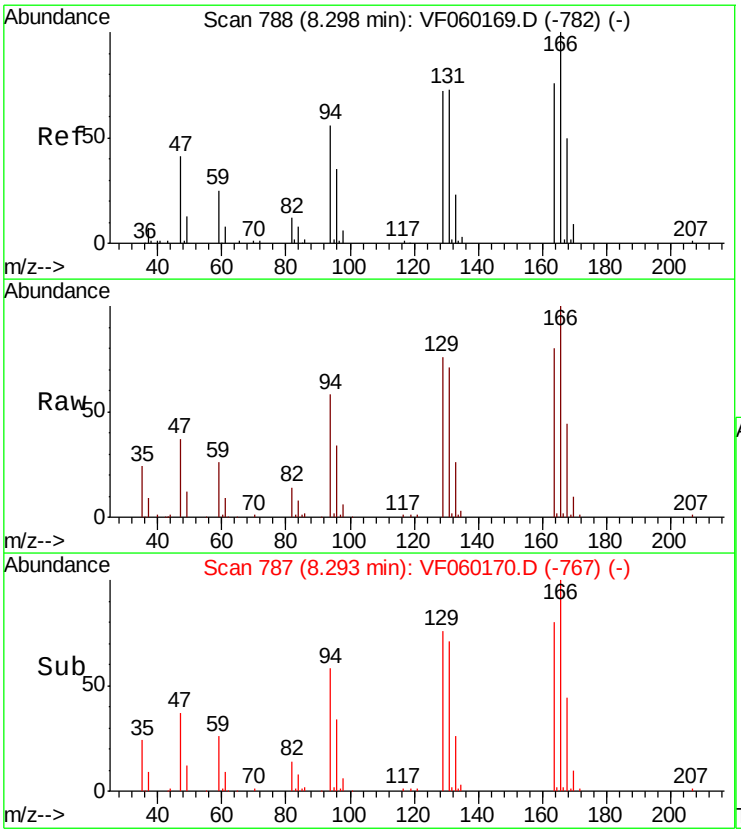

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion:117 Resp: 68771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 63.5 | 47.2 | 70.8 |
| 119 | 31.7 | 25.0 | 37.4 |

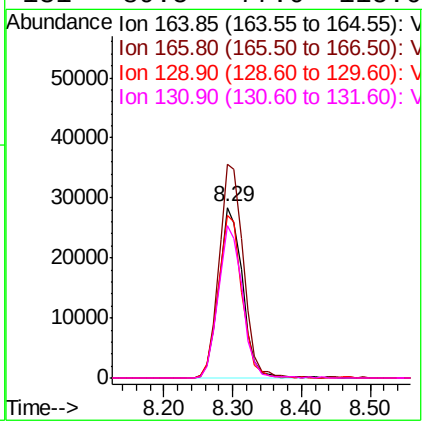


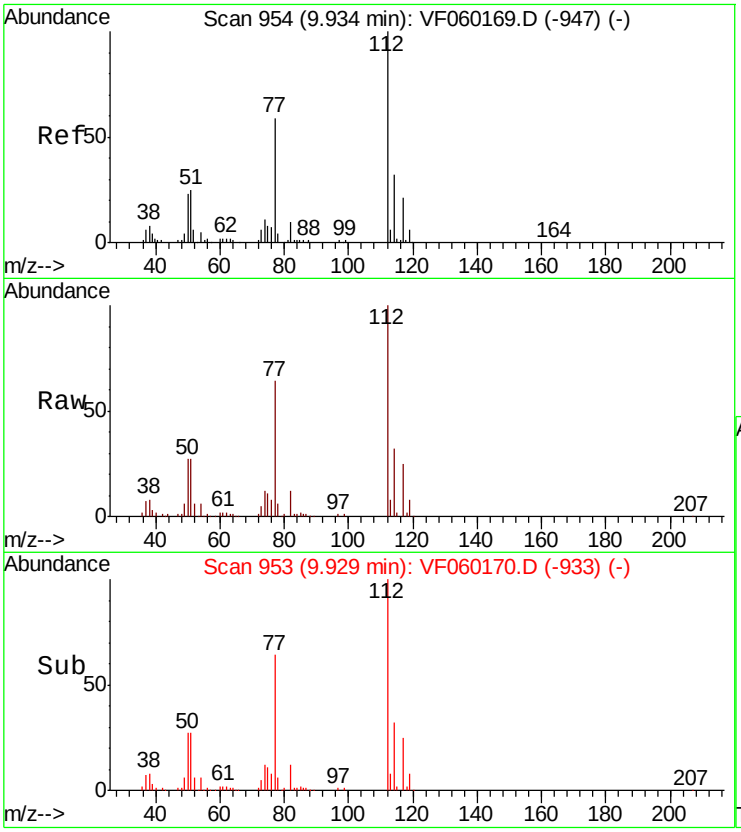




#64
Tetrachloroethene
Concen: 127.65 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:164 Resp: 67782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.2 | 105.2 | 157.8 |
| 129 | 95.1 | 76.2 | 114.2 |
| 131 | 89.5 | 77.0 | 115.6 |



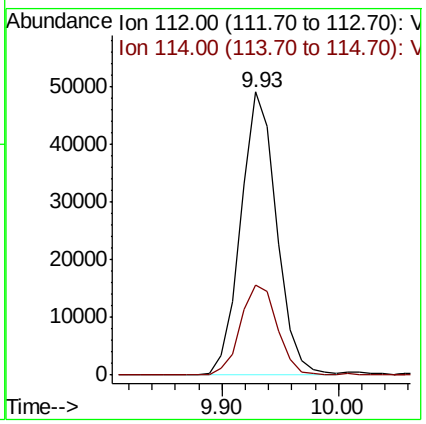


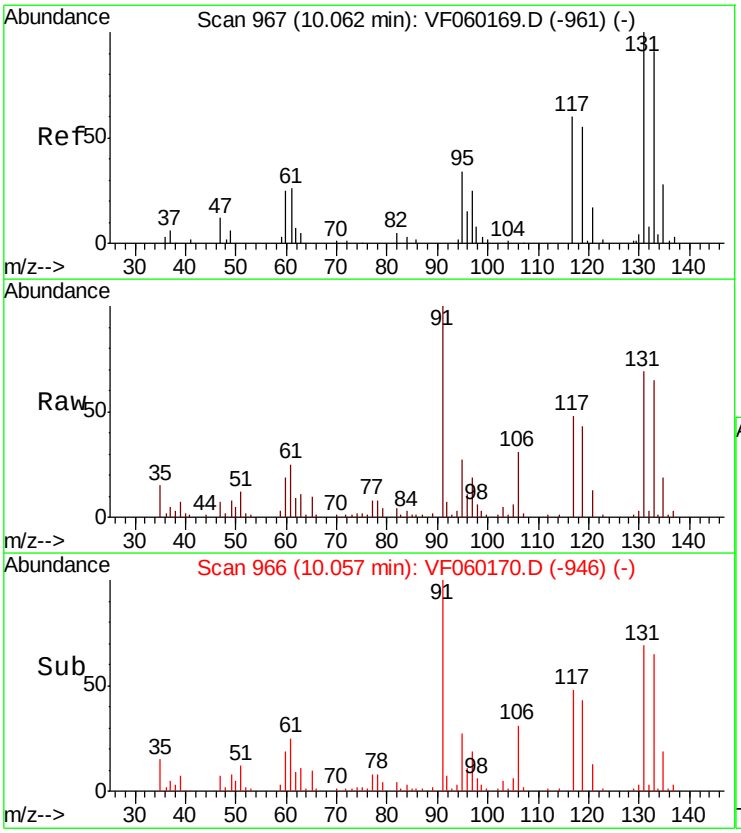

#65
Chlorobenzene
Concen: 79.69 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:112 Resp: 104772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.7 | 25.4 | 38.0 |

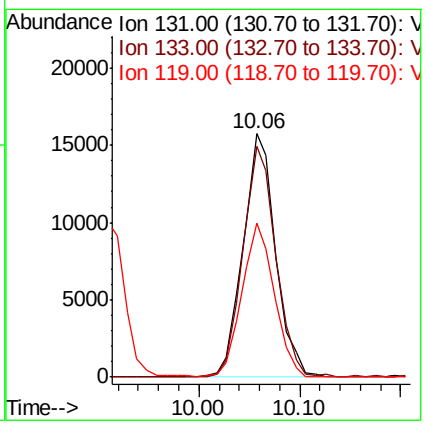


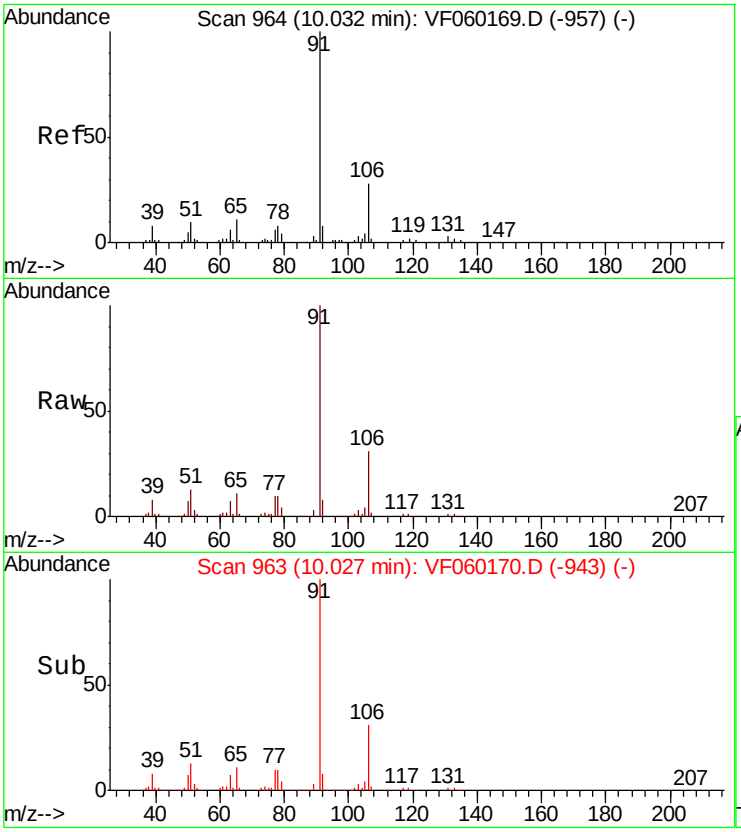




#66
1,1,1,2-Tetrachloroethane
Concen: 71.76 ug/l
RT: 10.06 min Scan# 966
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:131 Resp: 35390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.6 | 45.7 | 137.1 |
| 119 | 63.2 | 28.1 | 84.3 |



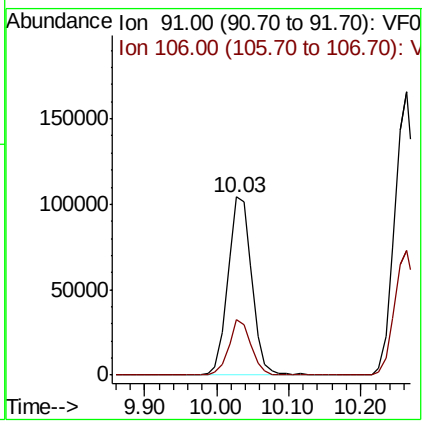


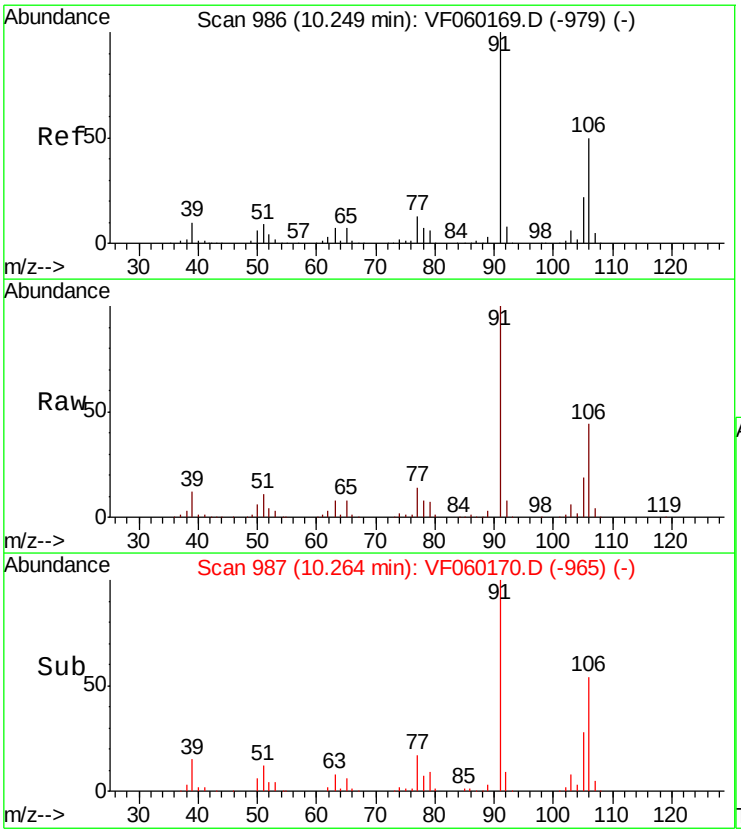

#67
Ethyl Benzene
Concen: 98.19 ug/l
RT: 10.03 min Scan# 963
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion: 91 Resp: 239750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.9 | 22.8 | 34.2 |

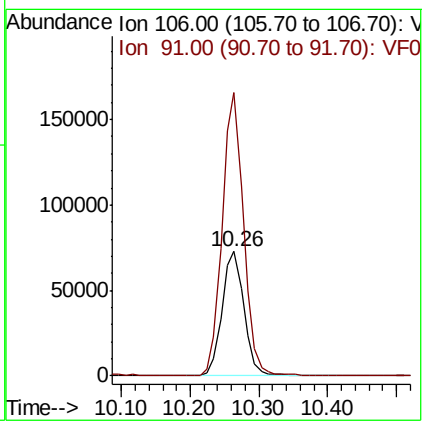


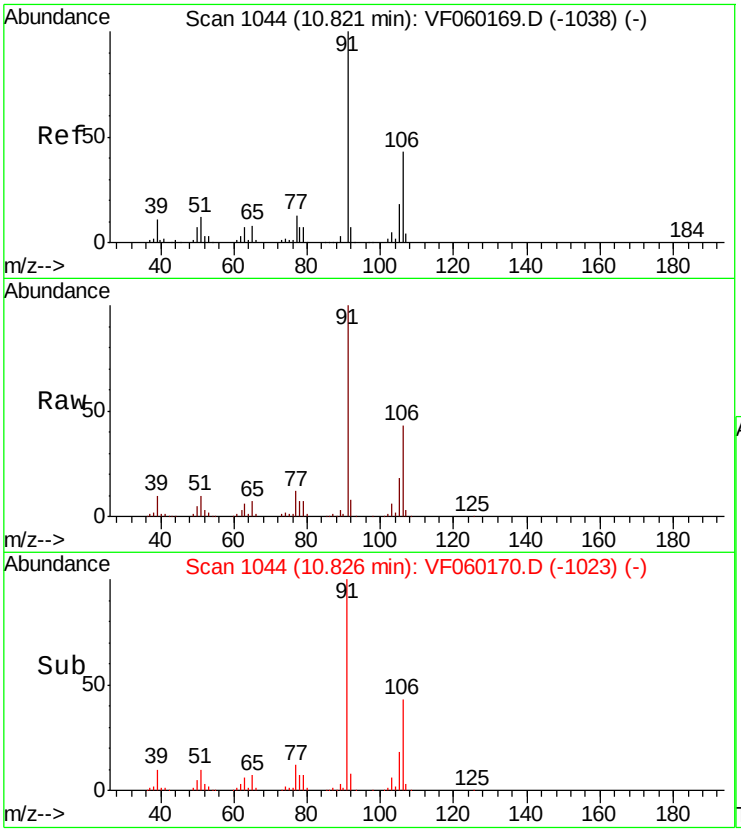




#68
m/p-Xylenes
Concen: 175.48 ug/l
RT: 10.26 min Scan# 987
Delta R.T. 0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:106 Resp: 160232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 227.9 | 161.3 | 241.9 |



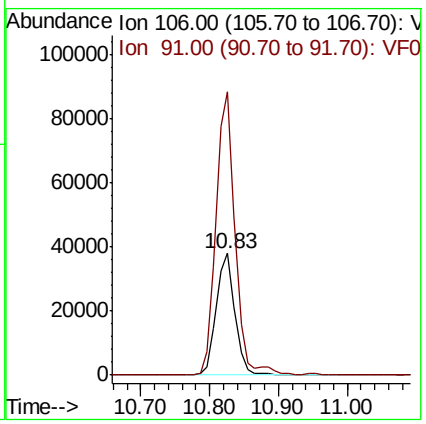


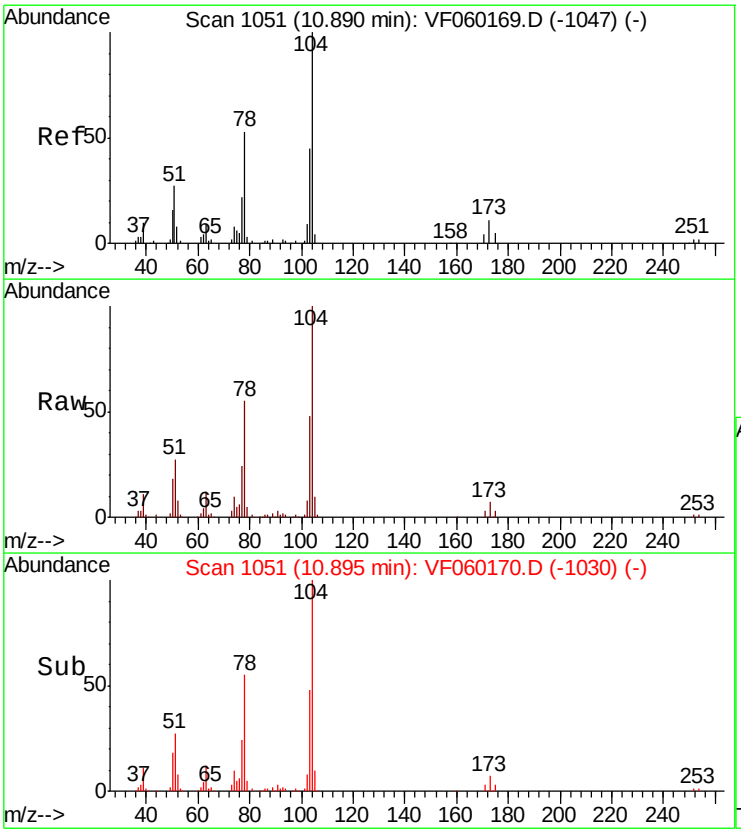

#69
o-Xylene
Concen: 80.11 ug/l
RT: 10.83 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:106 Resp: 71341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 232.7 | 117.0 | 350.8 |

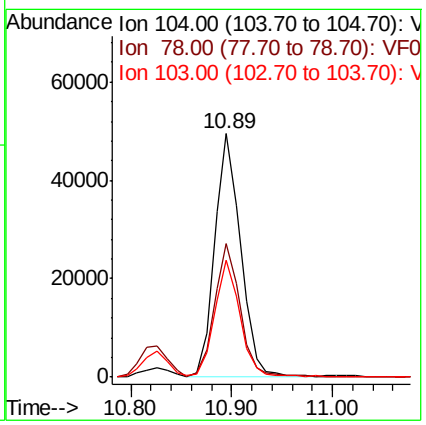


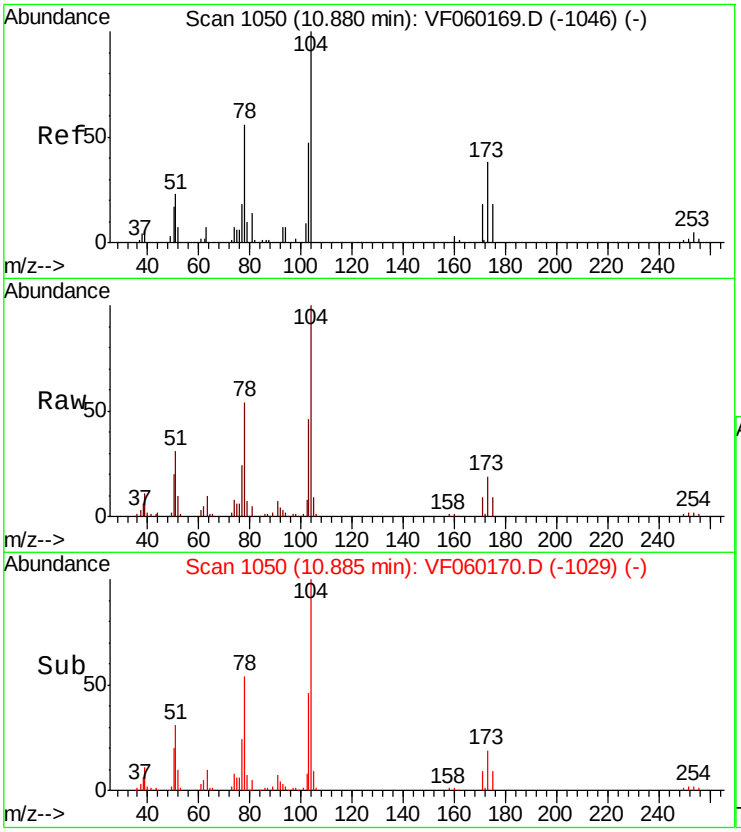




#70
Styrene
Concen: 66.53 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:104 Resp: 88320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.7 | 42.6 | 64.0 |
| 103 | 47.9 | 36.8 | 55.2 |



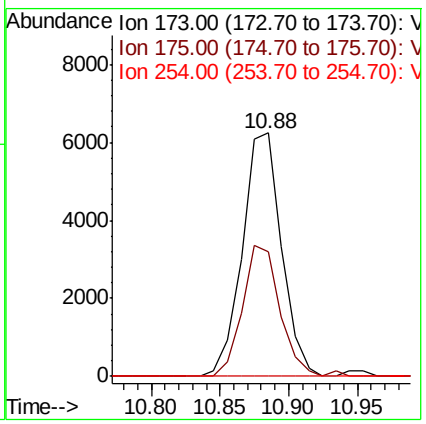


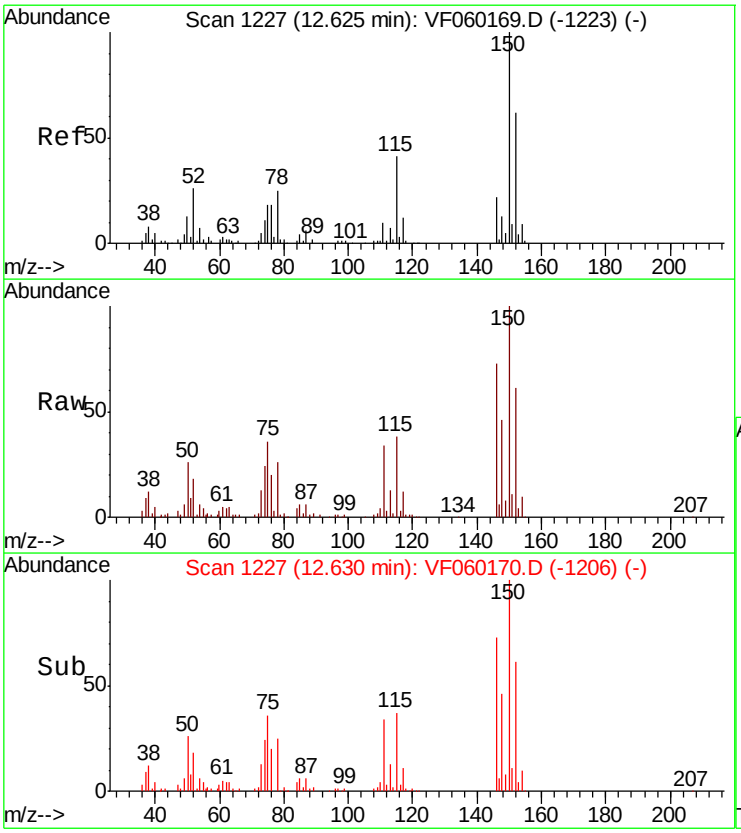

#71
Bromoform
Concen: 39.14 ug/l
RT: 10.88 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:173 Resp: 12401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 51.1 | 23.8 | 71.2 |
| 254 | 0.0 | 0.0 | 0.0 |

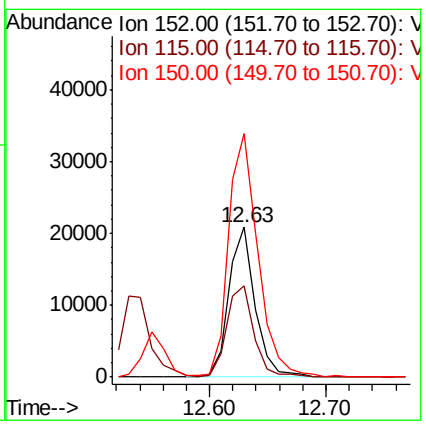


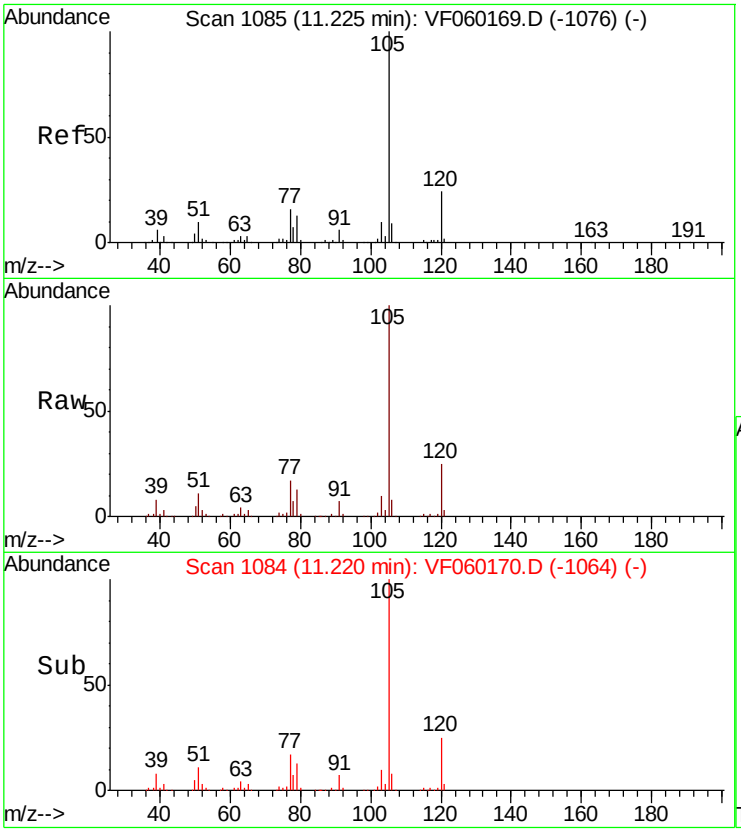




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:152 Resp: 32495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.1 | 33.2 | 99.6 |
| 150 | 162.6 | 0.0 | 325.6 |



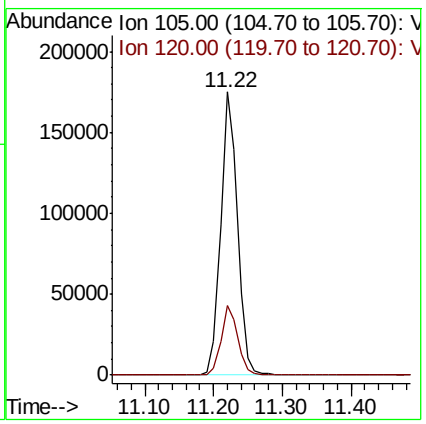


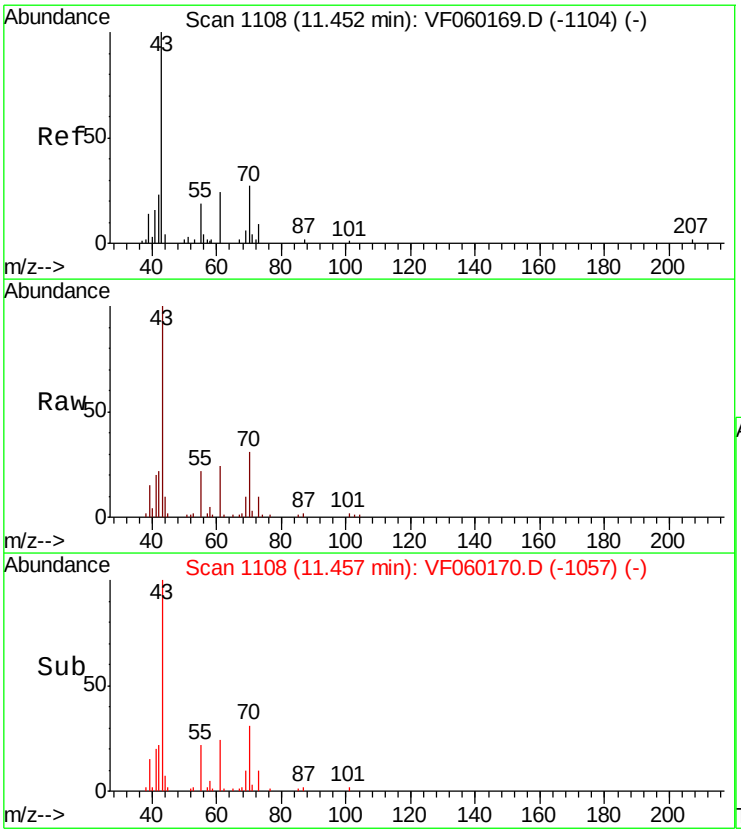

#73
Isopropylbenzene
Concen: 130.45 ug/l
RT: 11.22 min Scan# 1084
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:105 Resp: 294907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 24.7 | 12.0 | 36.1 |

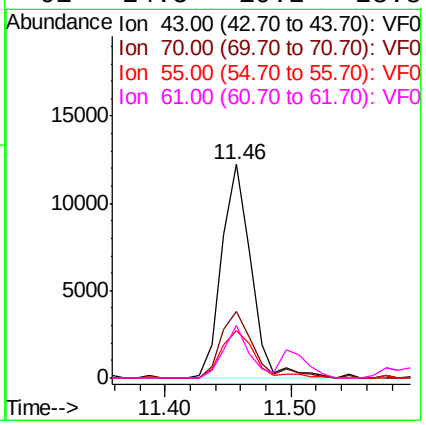


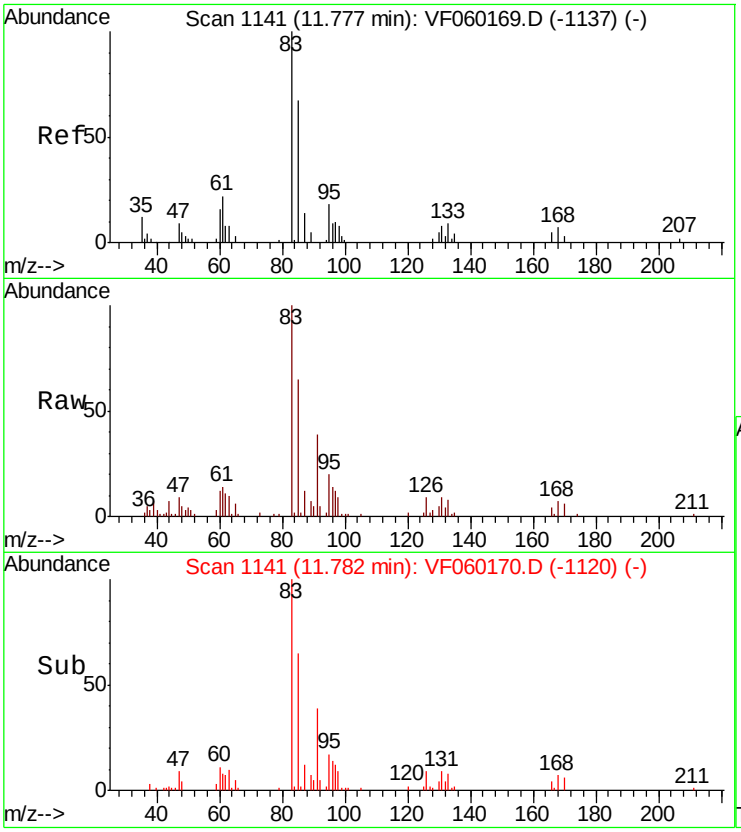




#74
N-amyl acetate
Concen: 36.56 ug/l
RT: 11.46 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 43 Resp: 19735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 31.0 | 22.0 | 33.0 |
| 55 | 22.4 | 15.2 | 22.8 |
| 61 | 24.5 | 19.2 | 28.8 |



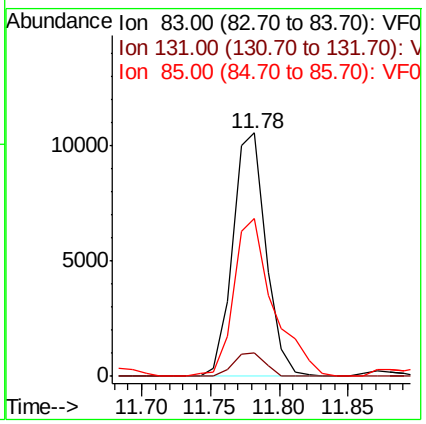


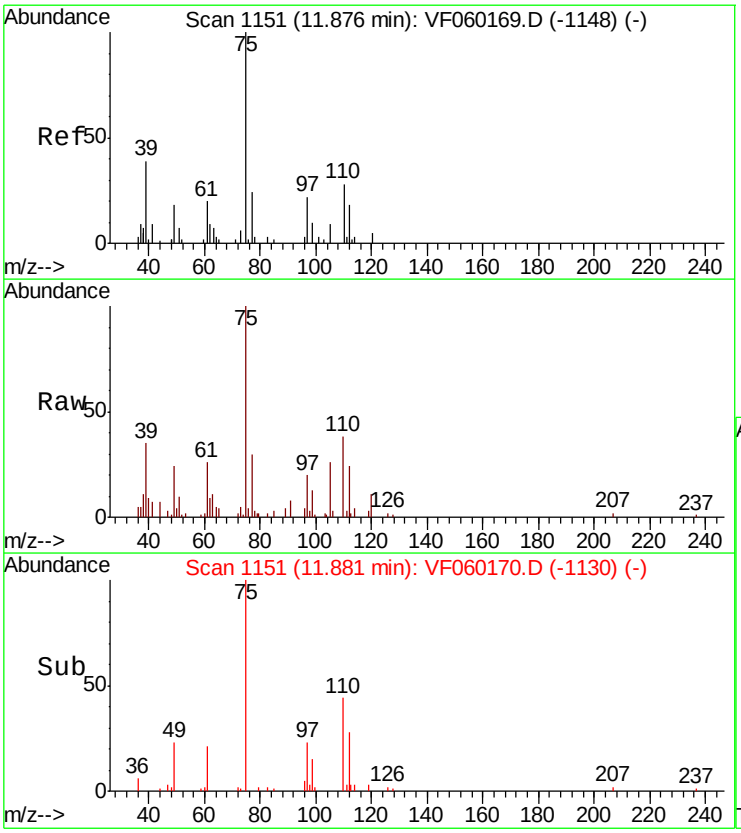

#75
1,1,2,2-Tetrachloroethane
Concen: 45.64 ug/l
RT: 11.78 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 83 Resp: 17848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.5 | 4.0 | 12.0 |
| 85 | 64.6 | 34.9 | 104.7 |

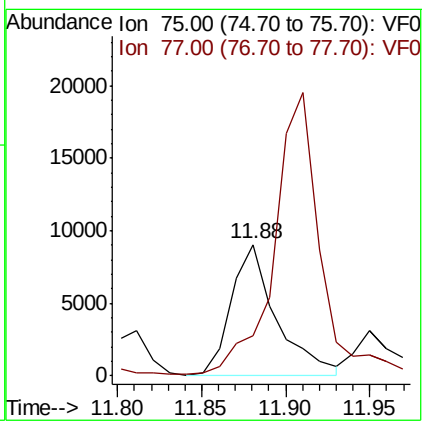


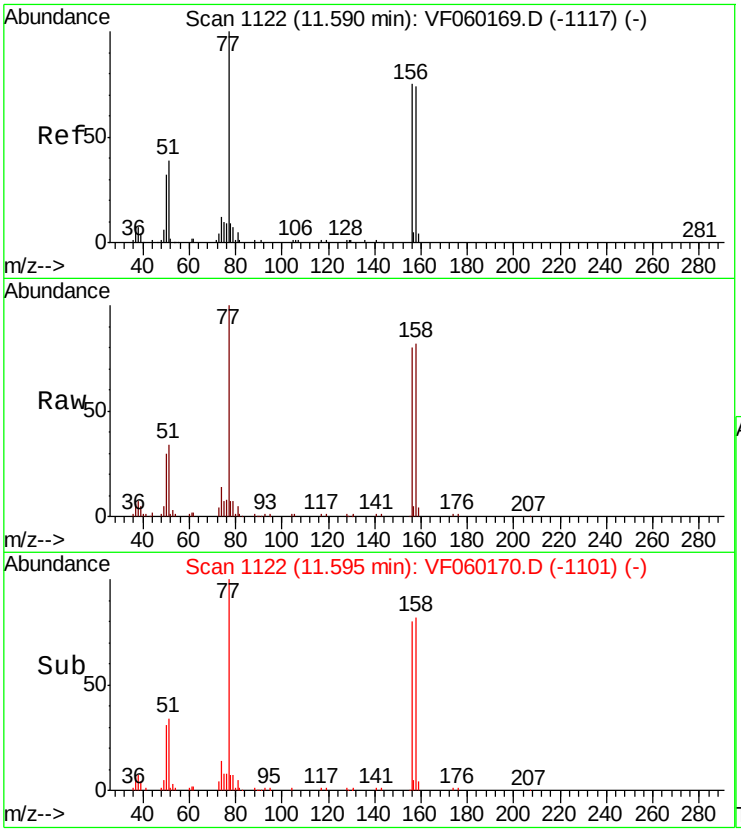




#76
1,2,3-Trichloropropane
Concen: 54.50 ug/l
RT: 11.88 min Scan# 1151
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 75 Resp: 16937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.5 | 12.8 | 38.3 |



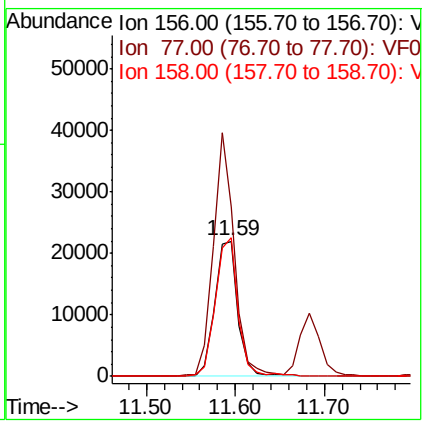


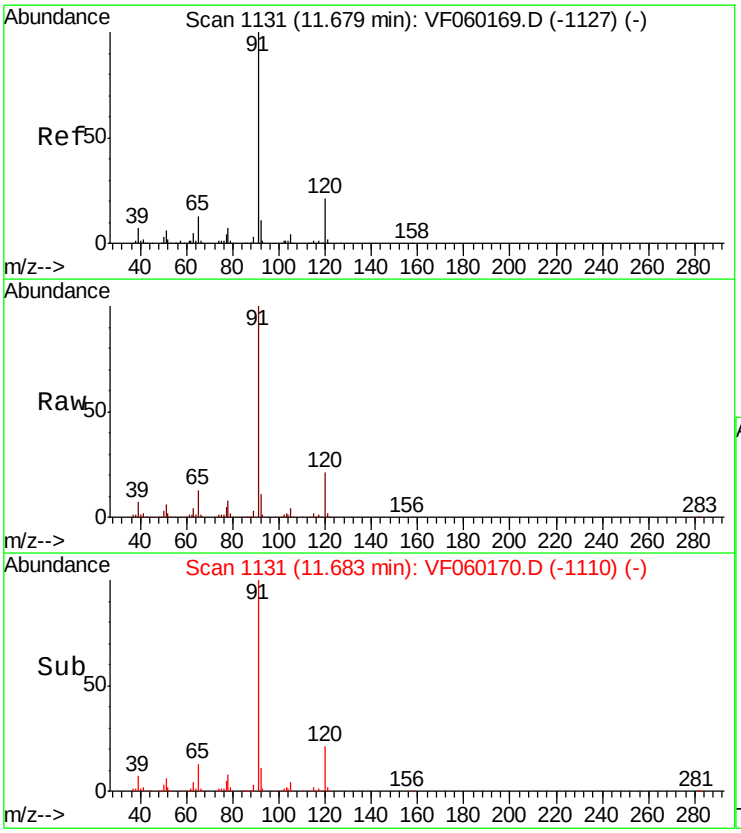

#77
Bromobenzene
Concen: 75.47 ug/l
RT: 11.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion:156 Resp: 39980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 125.2 | 66.8 | 200.6 |
| 158 | 102.4 | 49.7 | 149.1 |

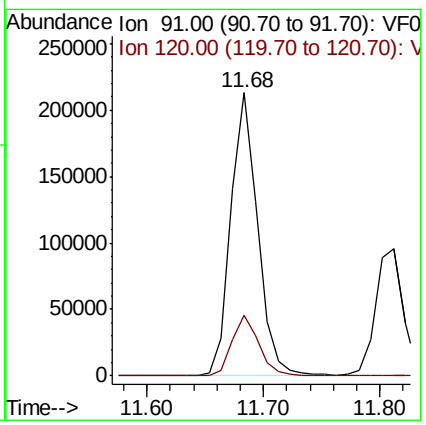


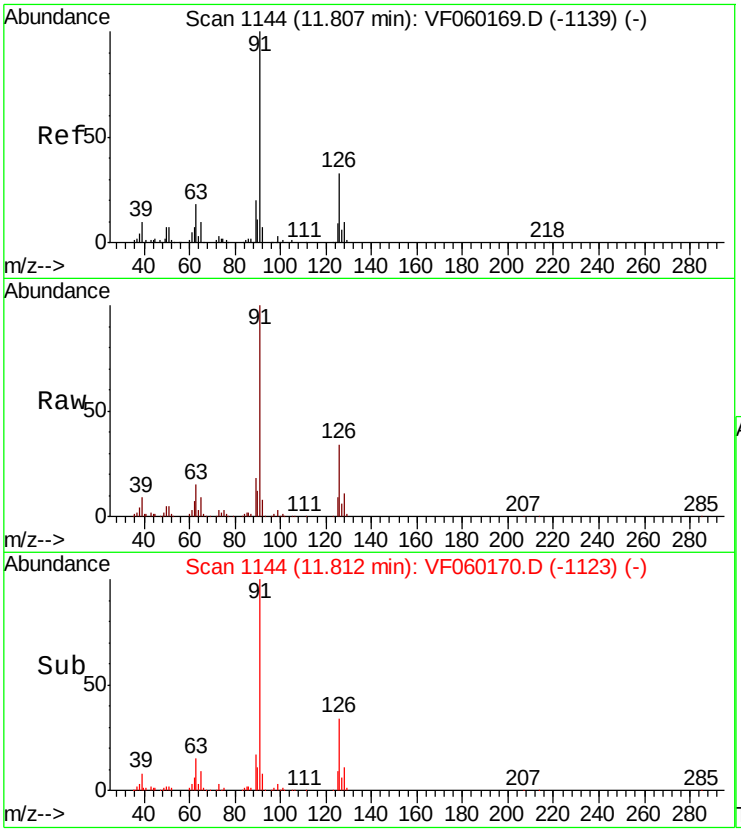




#78
n-propylbenzene
Concen: 123.54 ug/l
RT: 11.68 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 91 Resp: 341243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.2 | 10.8 | 32.3 |



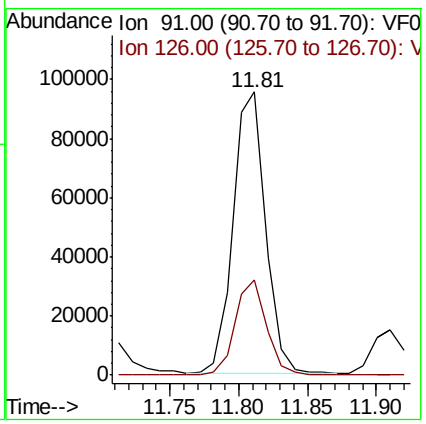


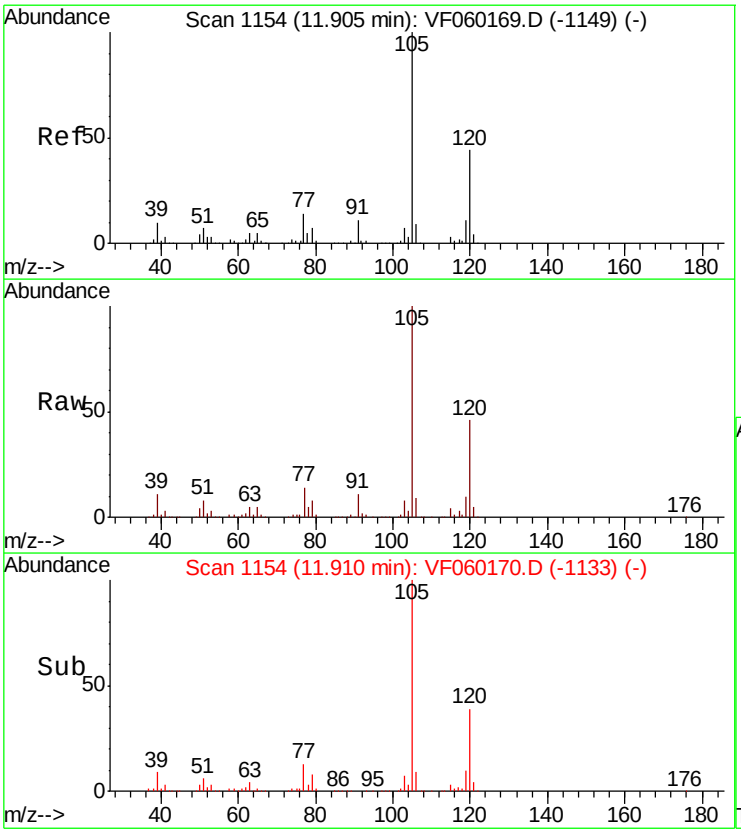

#79
2-Chlorotoluene
Concen: 102.44 ug/l
RT: 11.81 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion: 91 Resp: 156526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.8 | 16.4 | 49.1 |

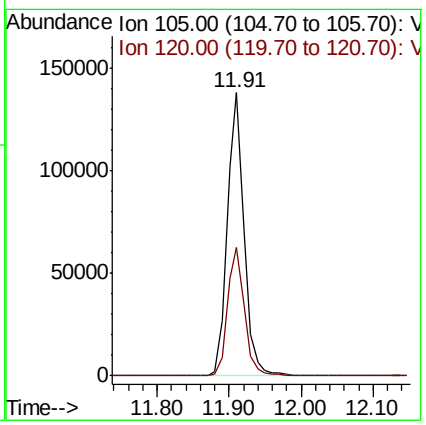


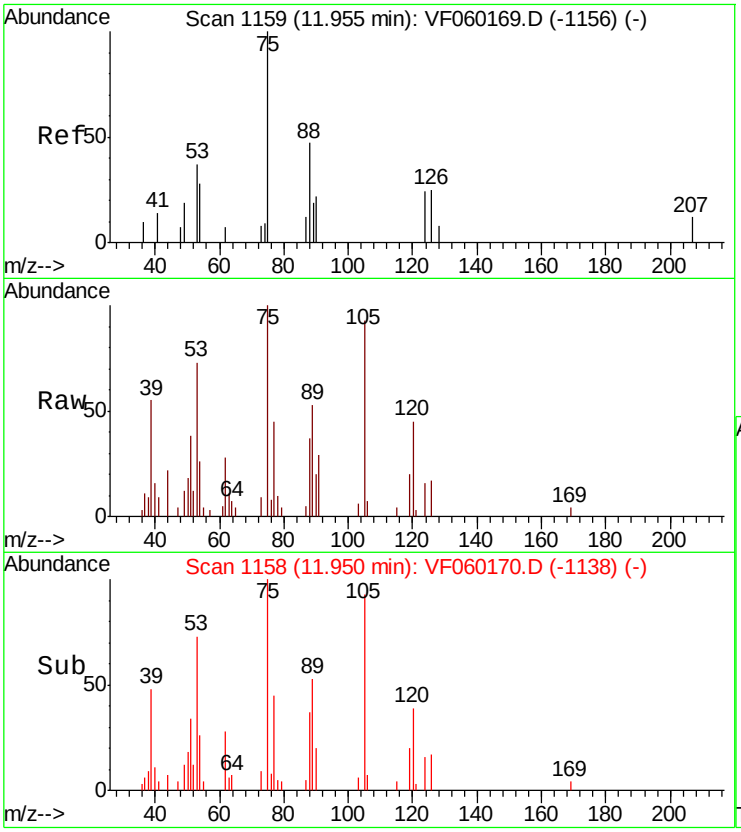




#80
1,3,5-Trimethylbenzene
Concen: 117.58 ug/l
RT: 11.91 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:105 Resp: 221951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.5 | 22.1 | 66.1 |



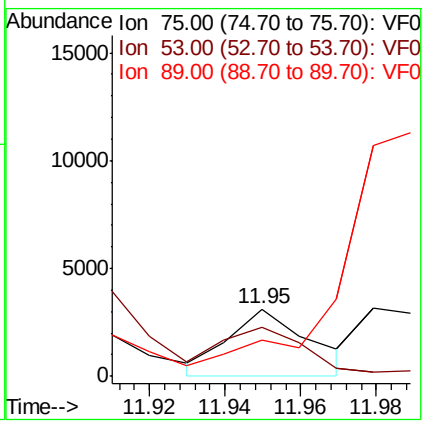


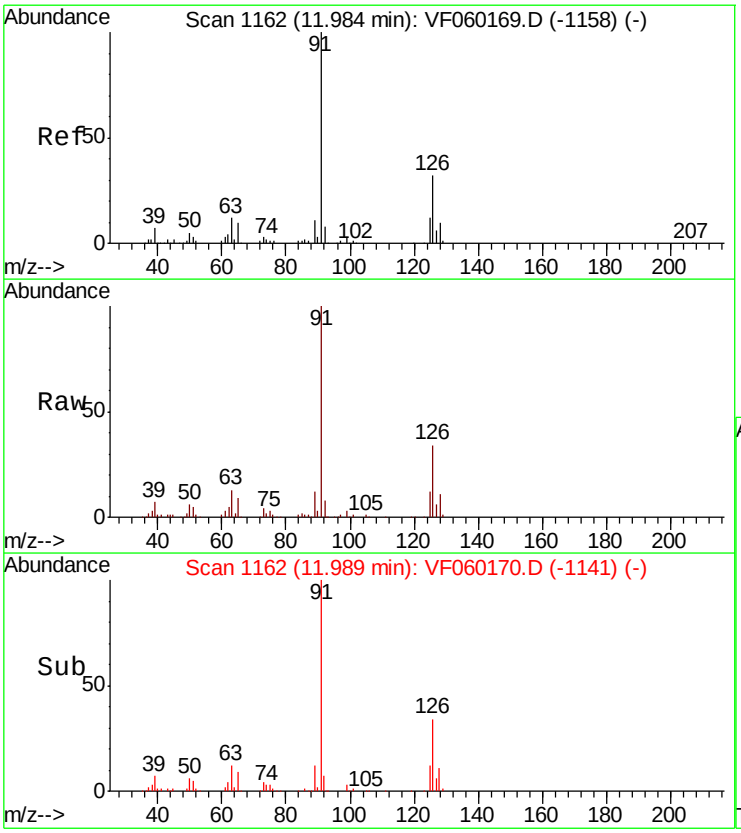

#81
trans-1,4-Dichloro-2-butene
Concen: 34.66 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 75 Resp: 4630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 72.9 | 53.4 | 80.0 |
| 89 | 53.1 | 28.9 | 43.3# |

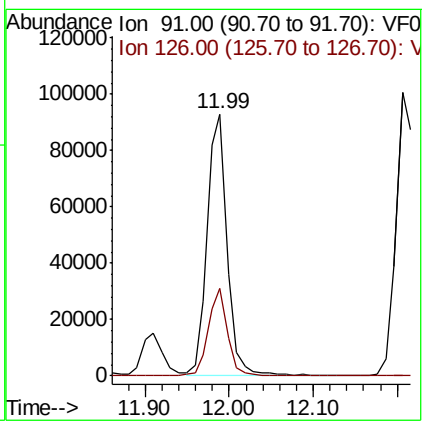


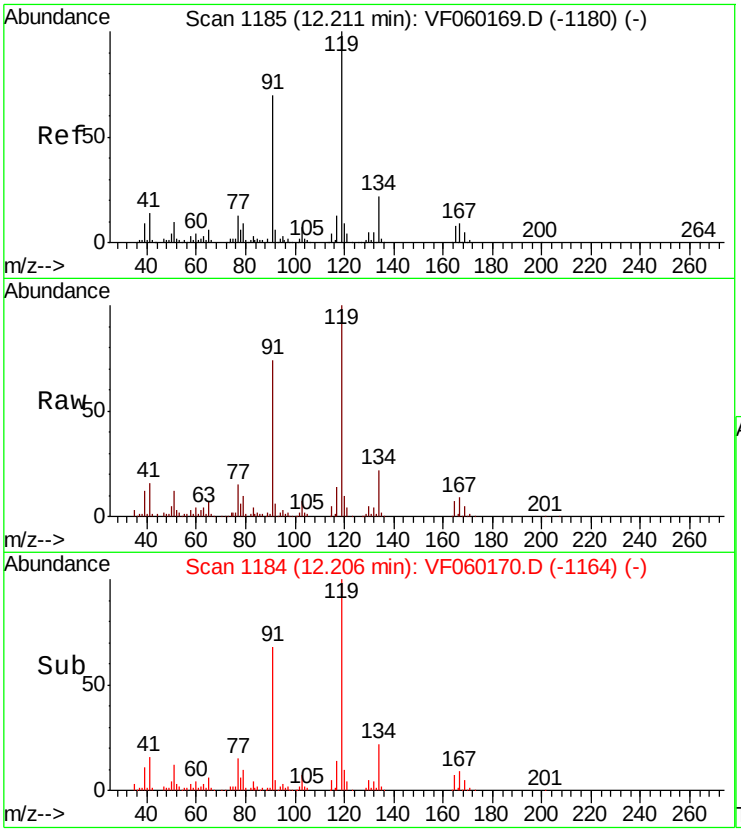




#82
4-Chlorotoluene
Concen: 93.70 ug/l
RT: 11.99 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 91 Resp: 151769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.7 | 16.1 | 48.2 |



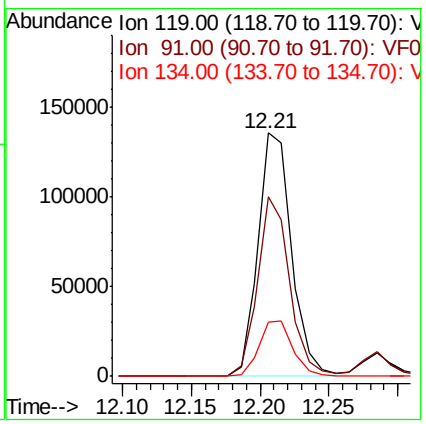


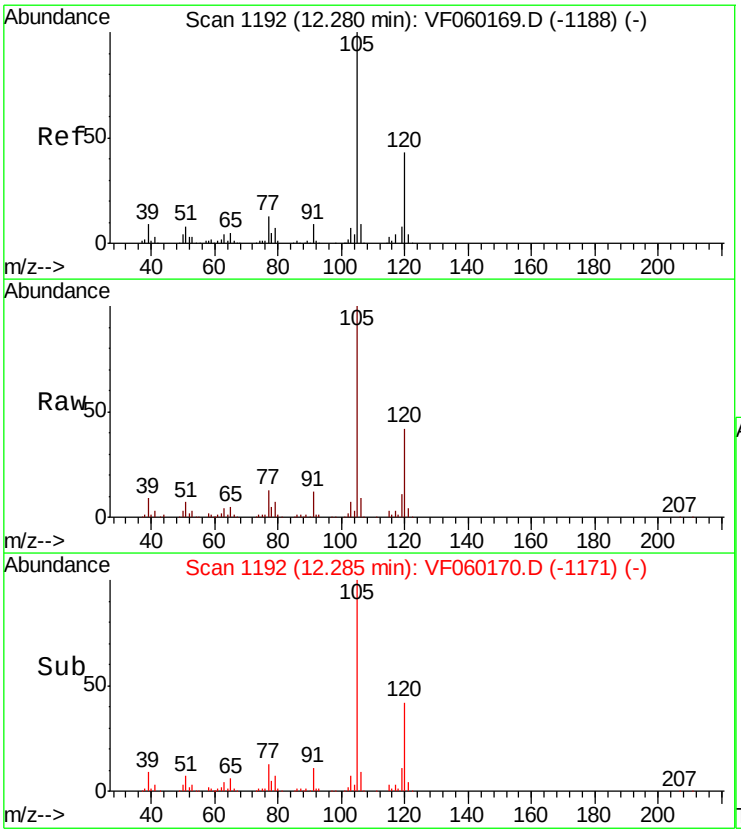

#83
tert-Butylbenzene
Concen: 124.68 ug/l
RT: 12.21 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:119 Resp: 231834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 73.9 | 35.3 | 105.7 |
| 134 | 22.0 | 11.2 | 33.5 |

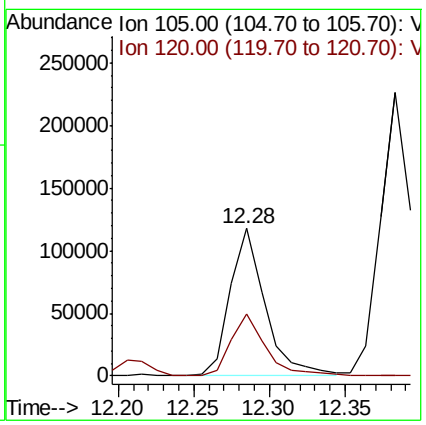


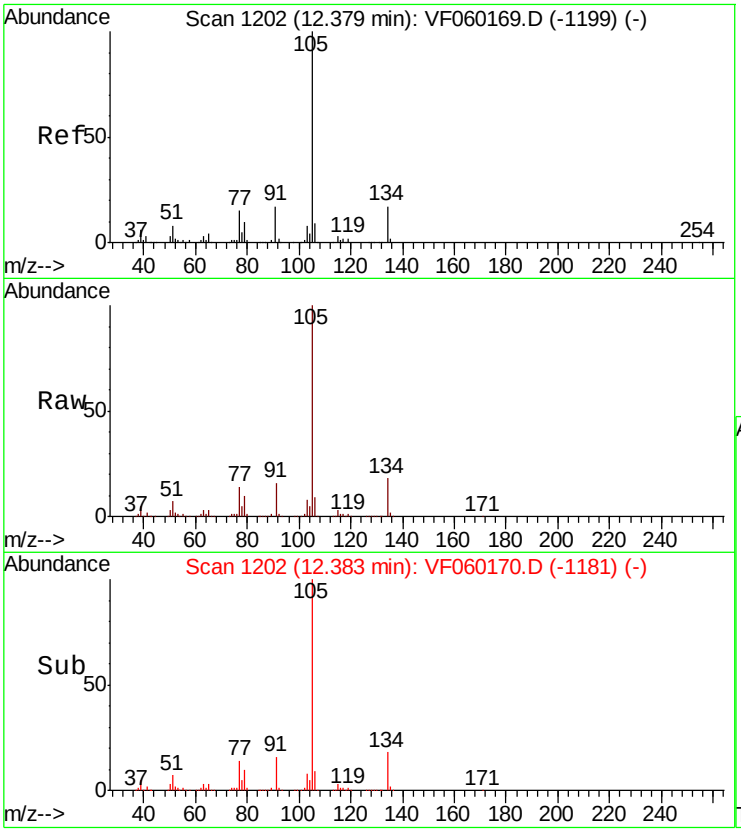




#84
1,2,4-Trimethylbenzene
Concen: 99.08 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:105 Resp: 190518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 41.9 | 21.9 | 65.7 |



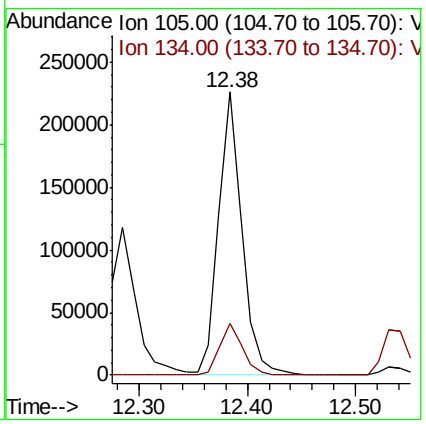


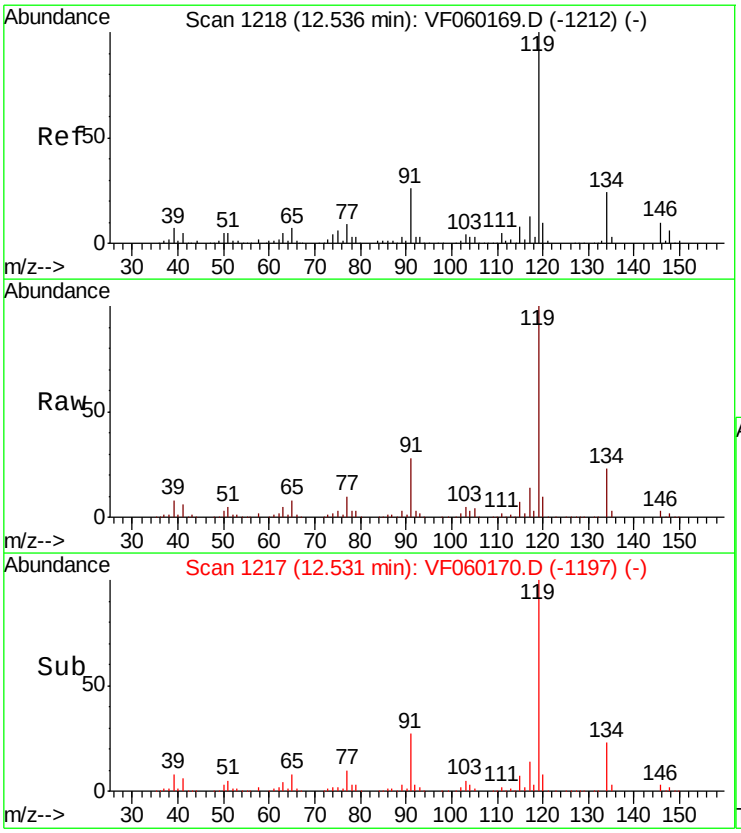

#85
sec-Butylbenzene
Concen: 127.37 ug/l
RT: 12.38 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :** MSVOA_F
**ClientSampleId :** VSTDICC075

Tgt Ion:105 Resp: 340529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.1 | 8.4 | 25.2 |

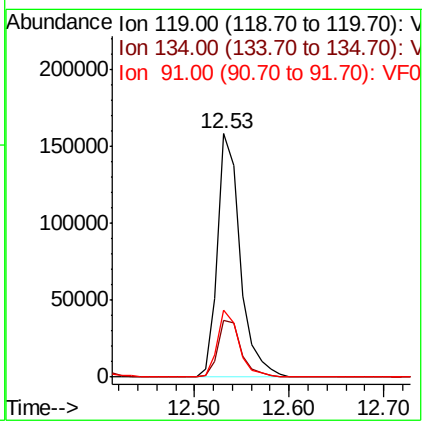


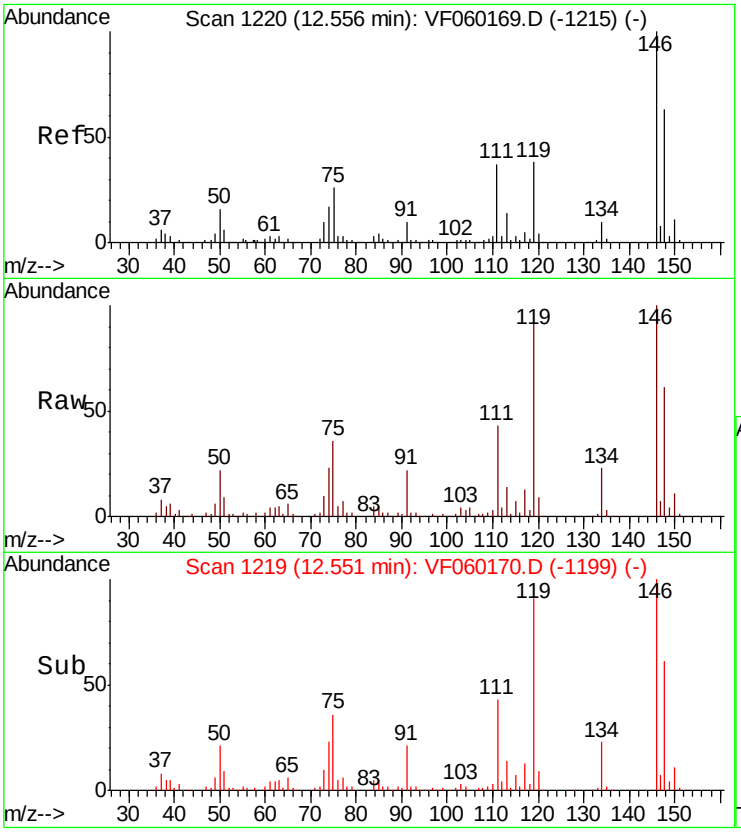




#86
p-Isopropyltoluene
Concen: 122.26 ug/l
RT: 12.53 min Scan# 1217
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:119 Resp: 264626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 23.1 | 11.9 | 35.9 |
| 91 | 27.7 | 13.0 | 39.0 |



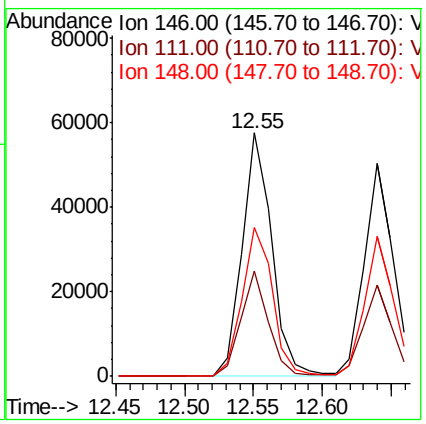


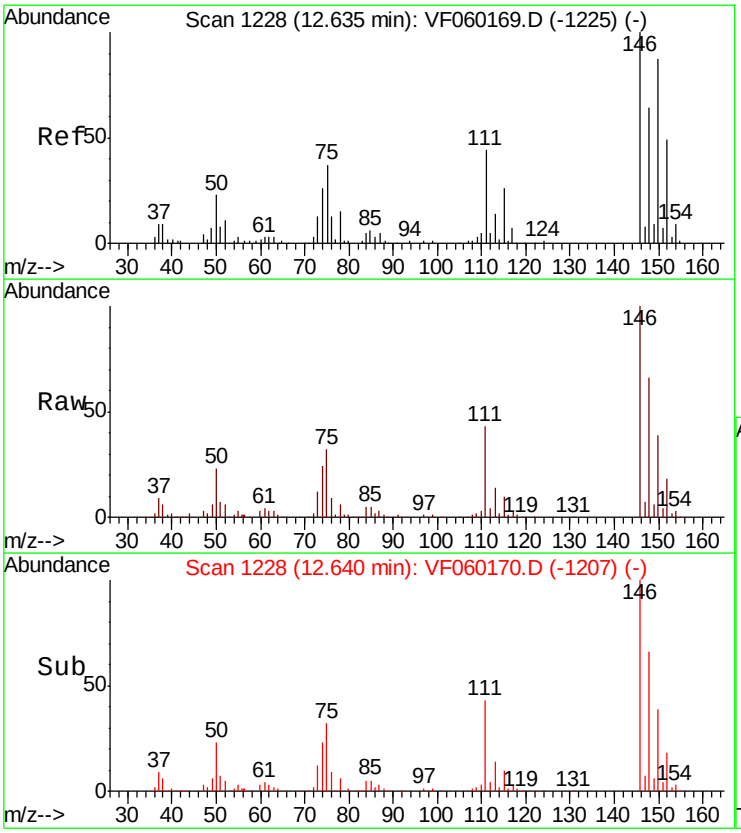

#87
1,3-Dichlorobenzene
Concen: 86.72 ug/l
RT: 12.55 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:146 Resp: 87216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.2 | 18.8 | 56.3 |
| 148 | 61.3 | 31.6 | 94.8 |

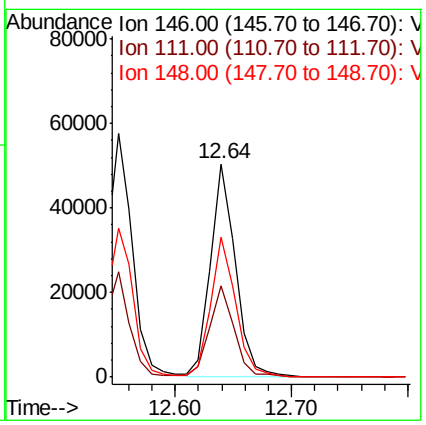


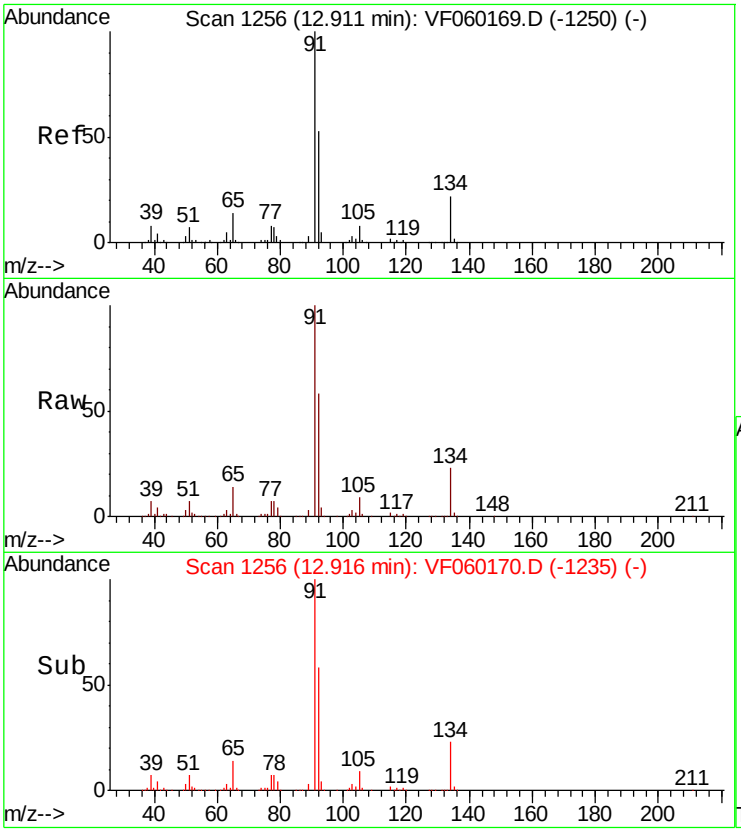




#88
1,4-Dichlorobenzene
Concen: 77.14 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:146 Resp: 75941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.0 | 22.1 | 66.3 |
| 148 | 65.8 | 32.0 | 96.2 |



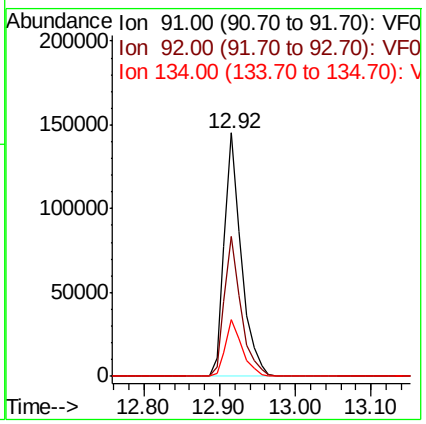


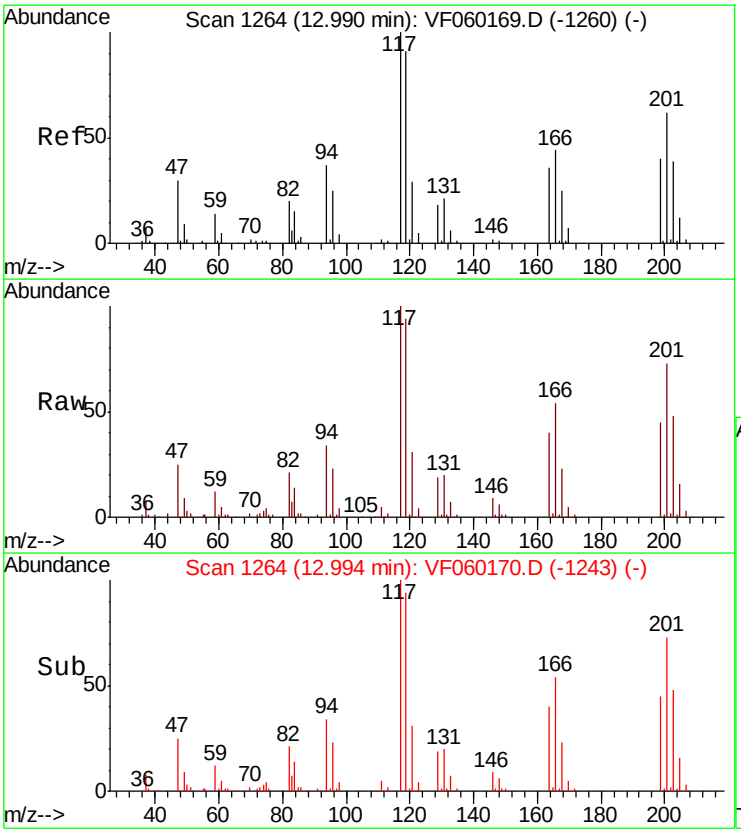

#89
n-Butylbenzene
Concen: 112.00 ug/l
RT: 12.92 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion: 91 Resp: 227175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.7 | 26.7 | 80.0 |
| 134 | 23.3 | 11.0 | 33.0 |

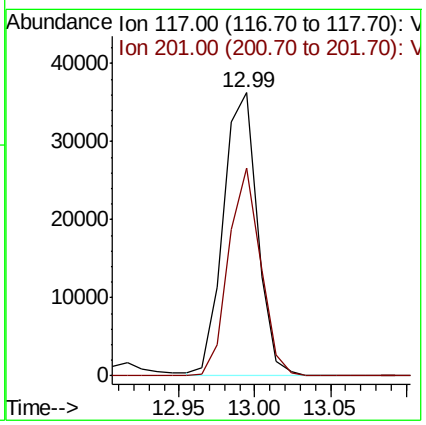


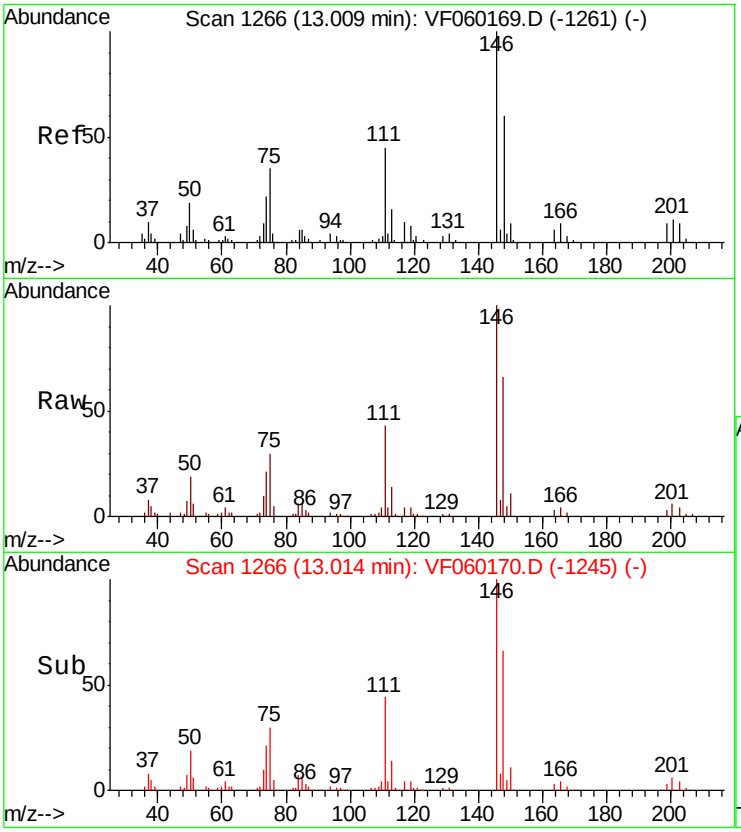




#90
Hexachloroethane
Concen: 119.60 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:117 Resp: 57164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 73.3 | 32.0 | 96.2 |



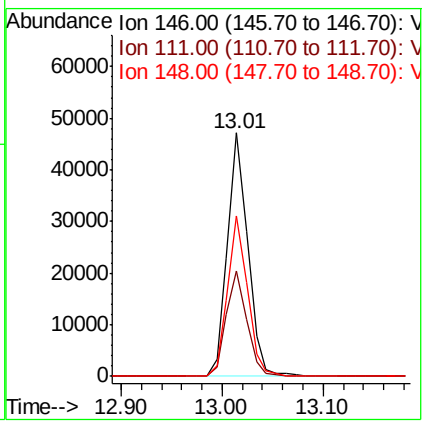


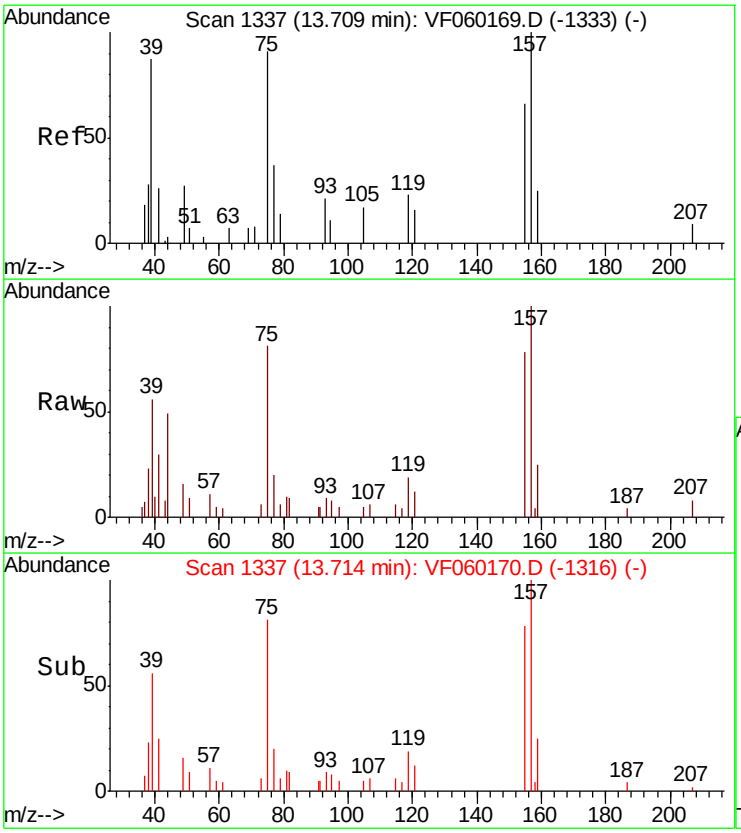

#91
1,2-Dichlorobenzene
Concen: 71.58 ug/l
RT: 13.01 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:146 Resp: 66609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.4 | 22.7 | 68.1 |
| 148 | 65.8 | 30.0 | 90.1 |

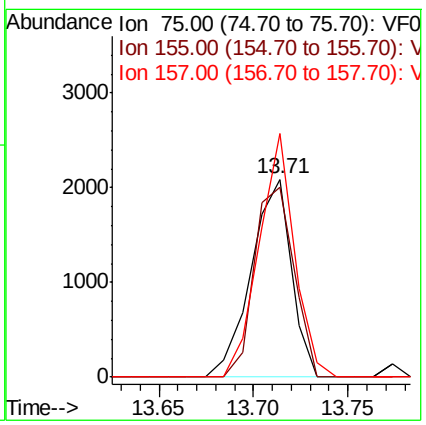


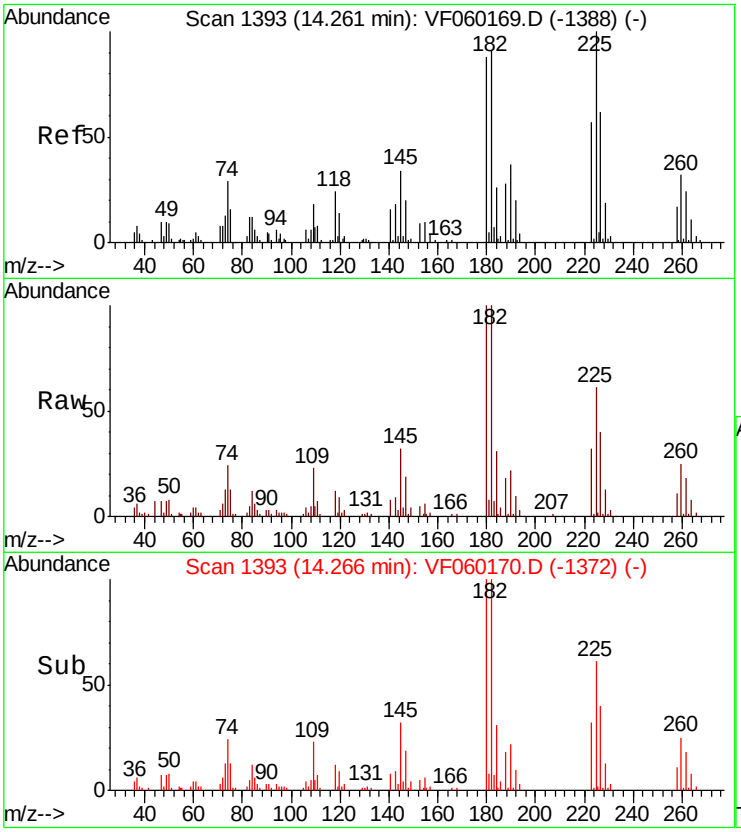




#92
1,2-Dibromo-3-Chloropropane
Concen: 39.12 ug/l
RT: 13.71 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion: 75 Resp: 3088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 96.0 | 36.0 | 108.0 |
| 157 | 123.3 | 54.9 | 164.5 |



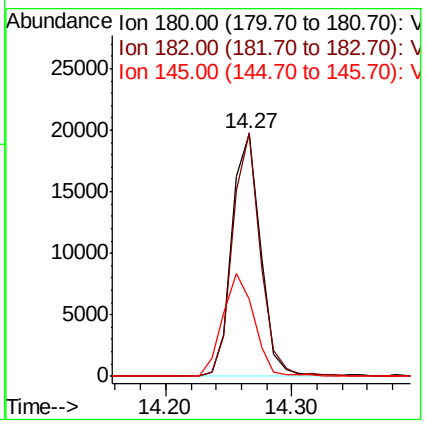


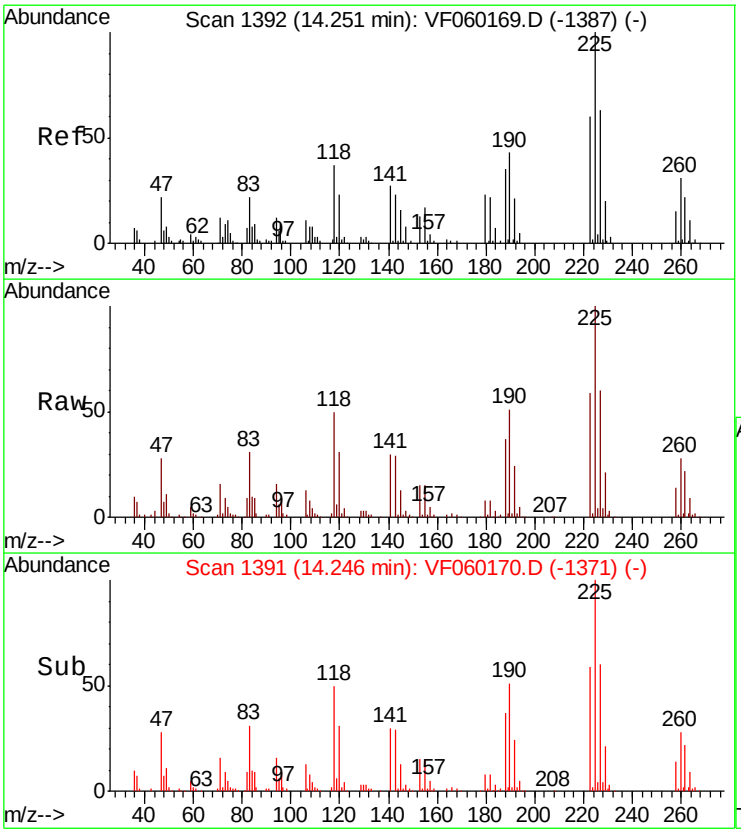

#93
1,2,4-Trichlorobenzene
Concen: 48.27 ug/l
RT: 14.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:180 Resp: 30810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 100.2 | 51.8 | 155.5 |
| 145 | 31.6 | 19.3 | 57.9 |

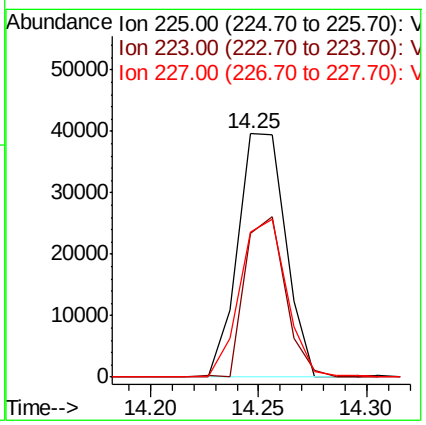


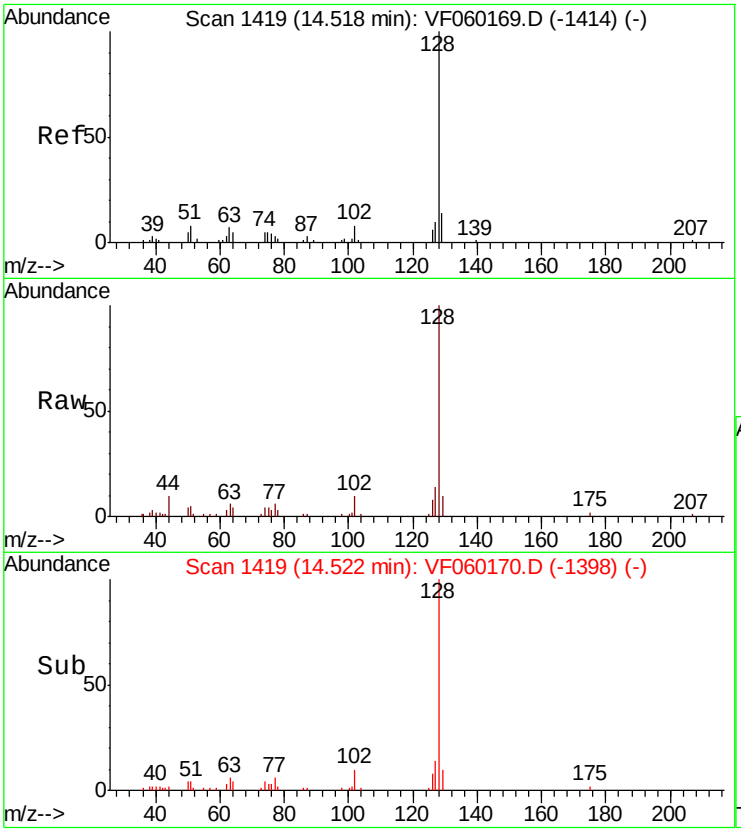




#94
Hexachlorobutadiene
Concen: 123.37 ug/l
RT: 14.25 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:225 Resp: 60555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 59.2 | 30.0 | 90.0 |
| 227 | 59.7 | 31.4 | 94.2 |



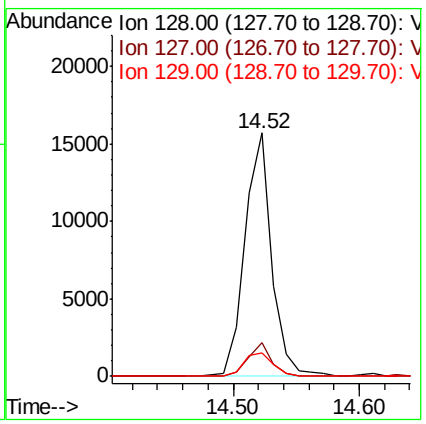


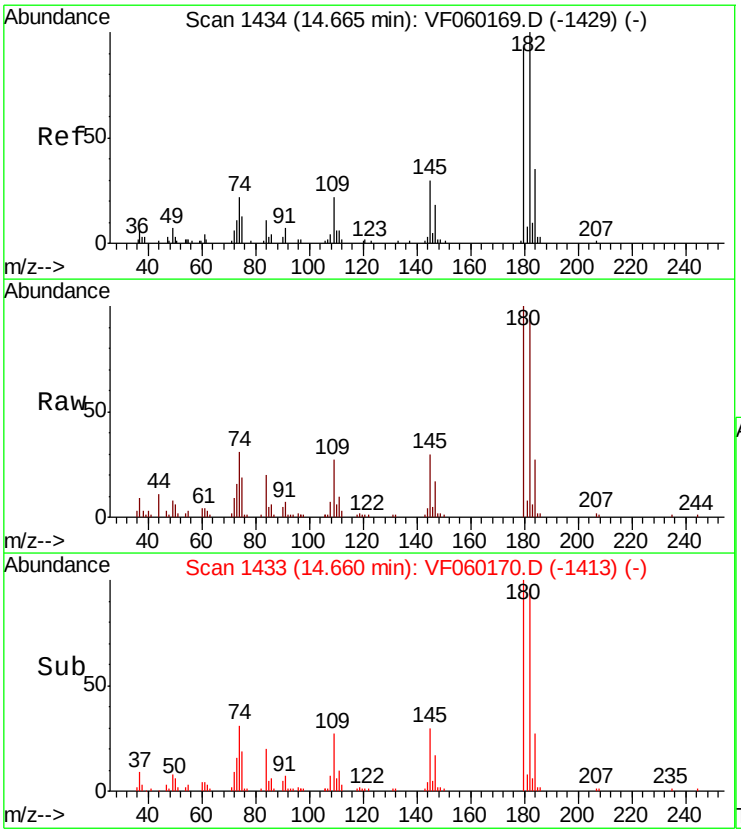

#95
Naphthalene
Concen: 25.58 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

**Instrument :**
MSVOA_F
**ClientSampleId :**
VSTDICC075

Tgt Ion:128 Resp: 23157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.7 | 8.3 | 12.5# |
| 129 | 9.7 | 11.5 | 17.3# |




#96
1,2,3-Trichlorobenzene
Concen: 42.01 ug/l
RT: 14.66 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VF060170.D
Acq: 29 Aug 2018 1:54

Tgt Ion:180 Resp: 25122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 53.6 | 160.8 |
| 145 | 30.3 | 16.2 | 48.6 |