Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111318\

Quantitation Report (Not Reviewed)

Data File : VF060716.D
Acq On : 13 Nov 2018 19:08
Operator : VA/AP
Sample : VF1113SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Quant Time: Nov 14 03:22:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.88 | 168 | 215967 | 50.00 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 5.61 | 114 | 361021 | 50.00 | ug/l | -0.01 |
| 63) Chlorobenzene-d5 | 9.78 | 117 | 326432 | 50.00 | ug/l | -0.01 |
| 72) 1,4-Dichlorobenzene-d4 | 12.55 | 152 | 189698 | 50.00 | ug/l | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 4.85 | 65 | 113139 | 45.93 | ug/l | -0.01 |
| Spiked Amount 50.000 | | | Recovery = 91.86% | | | |
| 35) Dibromofluoromethane | 4.12 | 113 | 133927 | 49.35 | ug/l | -0.01 |
| Spiked Amount 50.000 | | | Recovery = 98.70% | | | |
| 50) Toluene-d8 | 7.56 | 98 | 352116 | 50.61 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.22% | | | |
| 62) 4-Bromofluorobenzene | 11.42 | 95 | 171271 | 53.63 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 107.26% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 0.96 | 85 | 83087 | 21.497 | ug/l | 99 |
| 3) Chloromethane | 1.10 | 50 | 52728 | 21.997 | ug/l | 97 |
| 4) Vinyl Chloride | 1.15 | 62 | 45247 | 21.101 | ug/l | 95 |
| 5) Bromomethane | 1.32 | 94 | 27170 | 19.948 | ug/l | 93 |
| 6) Chloroethane | 1.38 | 64 | 18216 | 21.713 | ug/l | 98 |
| 7) Trichlorofluoromethane | 1.50 | 101 | 67912 | 14.322 | ug/l | 99 |
| 8) Diethyl Ether | 1.63 | 74 | 12264 | 20.187 | ug/l | 94 |
| 9) 1,1,2-Trichlorotrifluoroet | 1.82 | 101 | 48454 | 21.685 | ug/l | 90 |
| 10) Methyl Iodide | 1.90 | 142 | 53891 | 15.032 | ug/l | 93 |
| 11) Tert butyl alcohol | 2.56 | 59 | 10955 | 97.717 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 1.79 | 96 | 36354 | 20.633 | ug/l | 95 |
| 13) Acrolein | 2.14 | 56 | 875 | 8.536 | ug/l | 86 |
| 14) Allyl chloride | 2.10 | 41 | 59644 | 19.323 | ug/l | 98 |
| 15) Acrylonitrile | 2.95 | 53 | 25570 | 107.037 | ug/l | 98 |
| 16) Acetone | 2.24 | 43 | 47029 | 89.320 | ug/l | 97 |
| 17) Carbon Disulfide | 1.83 | 76 | 87395 | 16.411 | ug/l | 95 |
| 18) Methyl Acetate | 2.35 | 43 | 17164 | 19.853 | ug/l | 94 |
| 19) Methyl tert-butyl Ether | 2.43 | 73 | 90500 | 21.410 | ug/l | 99 |
| 20) Methylene Chloride | 2.19 | 84 | 19522 | 8.798 | ug/l | 92 |
| 21) trans-1,2-Dichloroethene | 2.31 | 96 | 40139 | 21.805 | ug/l | 86 |
| 22) Diisopropyl ether | 2.80 | 45 | 121090 | 20.319 | ug/l | 97 |
| 23) Vinyl Acetate | 3.19 | 43 | 295149 | 105.177 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 2.88 | 63 | 72932 | 20.215 | ug/l | 97 |
| 25) 2-Butanone | 4.34 | 43 | 88019 | 101.633 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 3.61 | 77 | 56728 | 19.981 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 3.48 | 96 | 59904 | 19.129 | ug/l | 93 |
| 28) Bromochloromethane | 3.72 | 49 | 41077 | 21.908 | ug/l | 93 |
| 29) Tetrahydrofuran | 4.08 | 42 | 39297 | 110.005 | ug/l | 97 |
| 30) Chloroform | 3.87 | 83 | 118933 | 20.546 | ug/l | 99 |
| 31) Cyclohexane | 3.70 | 56 | 96452 | 22.027 | ug/l | 98 |
| 32) 1,1,1-Trichloroethane | 4.10 | 97 | 88336 | 19.378 | ug/l | 95 |
| 36) 1,1-Dichloropropene | 4.29 | 75 | 87319 | 20.855 | ug/l | 97 |
| 37) Ethyl Acetate | 4.12 | 43 | 32982 | 21.188 | ug/l # | 77 |
| 38) Carbon Tetrachloride | 4.00 | 117 | 83978 | 20.671 | ug/l | 97 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111318\

Quantitation Report (Not Reviewed)

Data File : VF060716.D
Acq On : 13 Nov 2018 19:08
Operator : VA/AP
Sample : VF1113SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Quant Time: Nov 14 03:22:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 5.46 | 83 | 104178 | 21.447 ug/l | 95 |
| 40) Benzene | 4.64 | 78 | 202258 | 21.671 ug/l | 99 |
| 41) Methacrylonitrile | 4.76 | 41 | 19929 | 21.549 ug/l | 92 |
| 42) 1,2-Dichloroethane | 4.95 | 62 | 66191 | 20.522 ug/l | 98 |
| 43) Isopropyl Acetate | 6.97 | 43 | 39051 | 18.921 ug/l # | 98 |
| 44) Trichloroethene | 5.51 | 130 | 62084 | 21.083 ug/l | 94 |
| 45) 1,2-Dichloropropane | 6.24 | 63 | 49453 | 20.362 ug/l | 100 |
| 46) Dibromomethane | 6.09 | 93 | 33340 | 20.796 ug/l | 97 |
| 47) Bromodichloromethane | 6.39 | 83 | 83429 | 20.378 ug/l | 99 |
| 48) Methyl methacrylate | 6.72 | 41 | 27193 | 19.908 ug/l | 99 |
| 49) 1,4-Dioxane | 6.71 | 88 | 4468 | 349.755 ug/l # | 85 |
| 51) 4-Methyl-2-Pentanone | 8.26 | 43 | 150187 | 100.614 ug/l | 98 |
| 52) Toluene | 7.63 | 92 | 123999 | 19.826 ug/l | 95 |
| 53) t-1,3-Dichloropropene | 8.28 | 75 | 71353 | 21.760 ug/l | 94 |
| 54) cis-1,3-Dichloropropene | 7.31 | 75 | 82108 | 19.277 ug/l | 92 |
| 55) 1,1,2-Trichloroethane | 8.50 | 97 | 35159 | 19.675 ug/l | 95 |
| 56) Ethyl methacrylate | 8.63 | 69 | 38888 | 19.161 ug/l | 97 |
| 57) 1,3-Dichloropropane | 8.86 | 76 | 64017 | 20.670 ug/l | 100 |
| 58) 2-Chloroethyl Vinyl ether | 7.63 | 63 | 19845 | 107.041 ug/l | 100 |
| 59) 2-Hexanone | 9.50 | 43 | 103593 | 98.751 ug/l | 99 |
| 60) Dibromochloromethane | 8.73 | 129 | 49480 | 19.428 ug/l | 98 |
| 61) 1,2-Dibromoethane | 8.99 | 107 | 39489 | 21.011 ug/l | 97 |
| 64) Tetrachloroethene | 8.16 | 164 | 55507 | 21.473 ug/l | 90 |
| 65) Chlorobenzene | 9.80 | 112 | 133121 | 20.209 ug/l | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 9.94 | 131 | 59442 | 20.689 ug/l | 93 |
| 67) Ethyl Benzene | 9.91 | 91 | 265029 | 21.345 ug/l | 98 |
| 68) m/p-Xylenes | 10.14 | 106 | 187950 | 42.357 ug/l | 94 |
| 69) o-Xylene | 10.72 | 106 | 106142 | 21.276 ug/l | 94 |
| 70) Styrene | 10.80 | 104 | 145347 | 21.468 ug/l | 98 |
| 71) Bromoform | 10.78 | 173 | 26637 | 20.617 ug/l | 89 |
| 73) Isopropylbenzene | 11.13 | 105 | 305692 | 20.020 ug/l | 98 |
| 74) N-amyl acetate | 11.38 | 43 | 68120 | 19.597 ug/l | 95 |
| 75) 1,1,2,2-Tetrachloroethane | 11.70 | 83 | 50896 | 20.161 ug/l | 100 |
| 76) 1,2,3-Trichloropropane | 11.80 | 75 | 35974 | 19.187 ug/l | 94 |
| 77) Bromobenzene | 11.50 | 156 | 65131 | 20.492 ug/l | 95 |
| 78) n-propylbenzene | 11.60 | 91 | 373382 | 20.967 ug/l | 94 |
| 79) 2-Chlorotoluene | 11.72 | 91 | 207509 | 20.048 ug/l | 95 |
| 80) 1,3,5-Trimethylbenzene | 11.83 | 105 | 256852 | 21.188 ug/l | 97 |
| 81) trans-1,4-Dichloro-2-buten | 11.87 | 75 | 24719 | 26.836 ug/l | 95 |
| 82) 4-Chlorotoluene | 11.90 | 91 | 219972 | 20.745 ug/l | 97 |
| 83) tert-Butylbenzene | 12.14 | 119 | 263779 | 20.494 ug/l | 96 |
| 84) 1,2,4-Trimethylbenzene | 12.21 | 105 | 258108 | 20.587 ug/l | 94 |
| 85) sec-Butylbenzene | 12.31 | 105 | 365637 | 20.941 ug/l | 95 |
| 86) p-Isopropyltoluene | 12.46 | 119 | 305768 | 20.968 ug/l | 96 |
| 87) 1,3-Dichlorobenzene | 12.48 | 146 | 130525 | 20.636 ug/l | 98 |
| 88) 1,4-Dichlorobenzene | 12.57 | 146 | 121278 | 19.950 ug/l | 95 |
| 89) n-Butylbenzene | 12.85 | 91 | 310570 | 20.869 ug/l | 97 |
| 90) Hexachloroethane | 12.92 | 117 | 73466 | 20.597 ug/l | 84 |
| 91) 1,2-Dichlorobenzene | 12.95 | 146 | 123884 | 20.801 ug/l | 97 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.65 | 75 | 8058 | 16.983 ug/l | 70 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111318\

Quantitation Report (Not Reviewed)

Data File : VF060716.D
Acq On : 13 Nov 2018 19:08
Operator : VA/AP
Sample : VF1113SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Quant Time: Nov 14 03:22:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.20 | 180 | 87524 | 20.447 ug/l | 95 |
| 94) Hexachlorobutadiene | 14.19 | 225 | 54286 | 19.407 ug/l | 93 |
| 95) Naphthalene | 14.46 | 128 | 147052 | 18.827 ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.60 | 180 | 81665 | 20.646 ug/l | 94 |

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

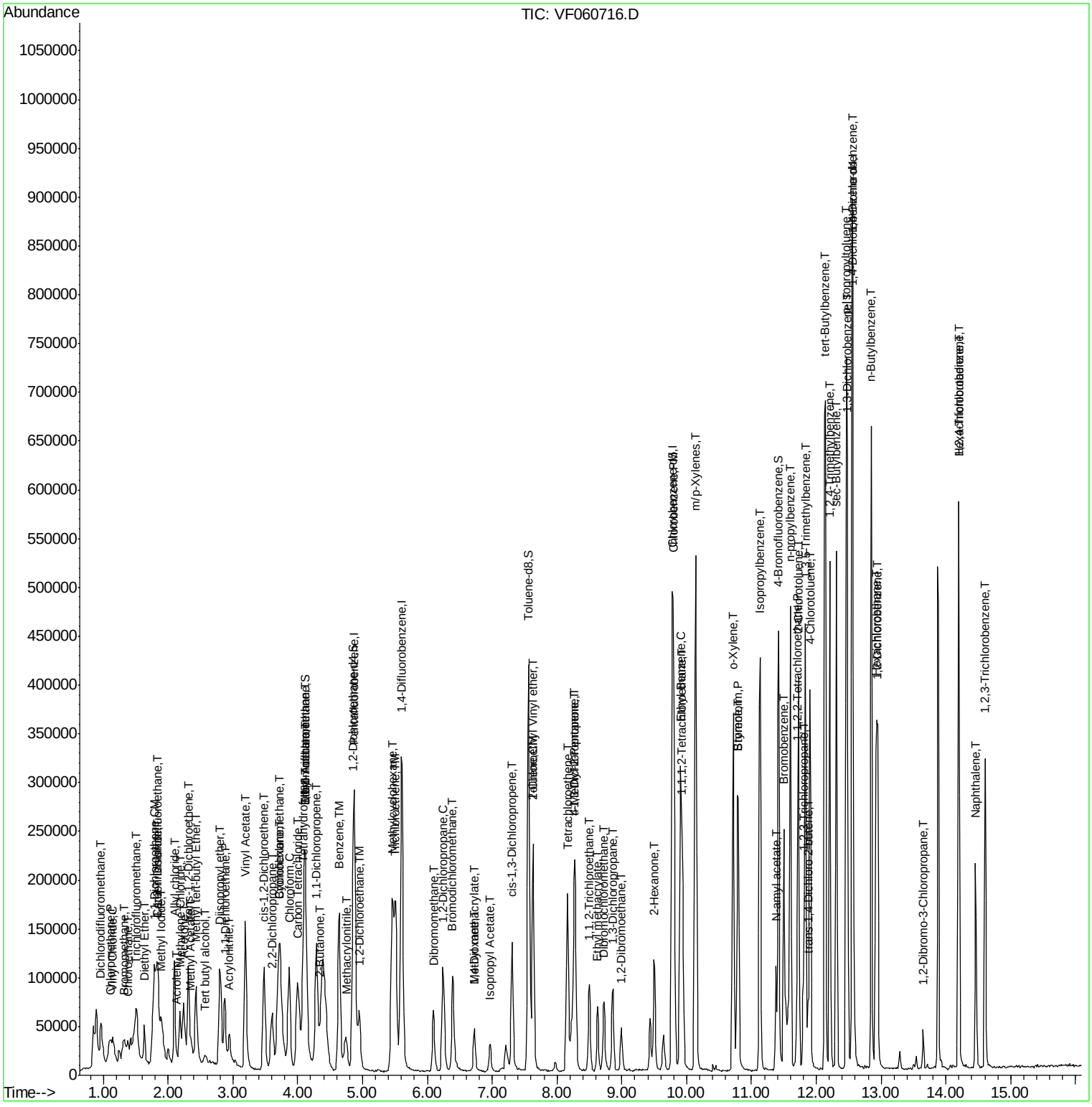
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111318\

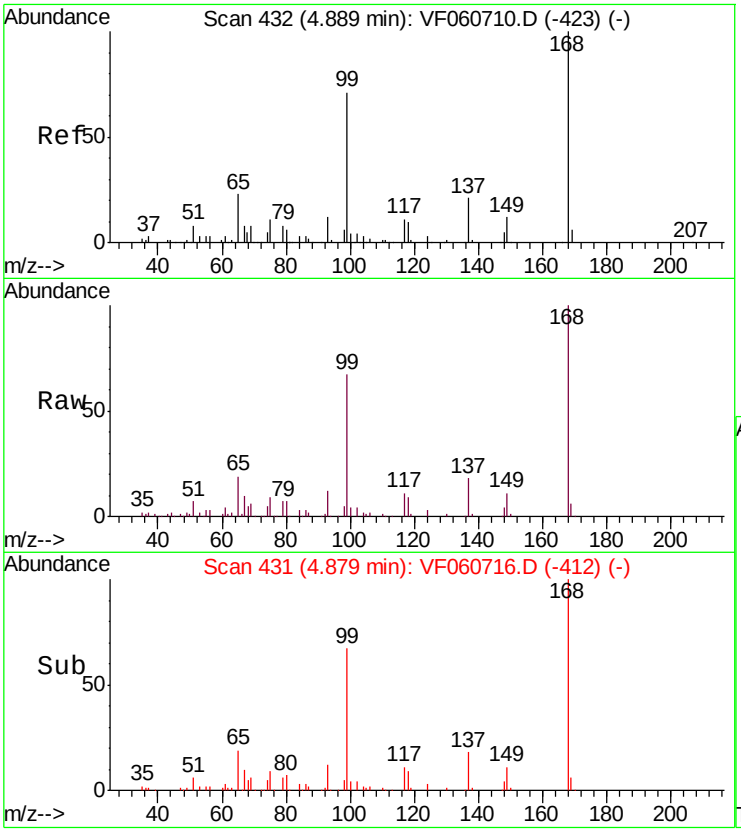
Quantitation Report (Not Reviewed)

Data File : VF060716.D
Acq On : 13 Nov 2018 19:08
Operator : VA/AP
Sample : VF1113SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Quant Time: Nov 14 03:22:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration



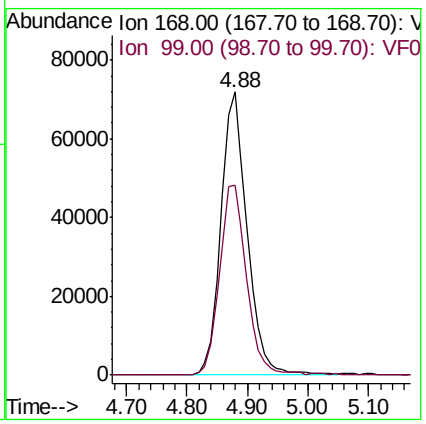


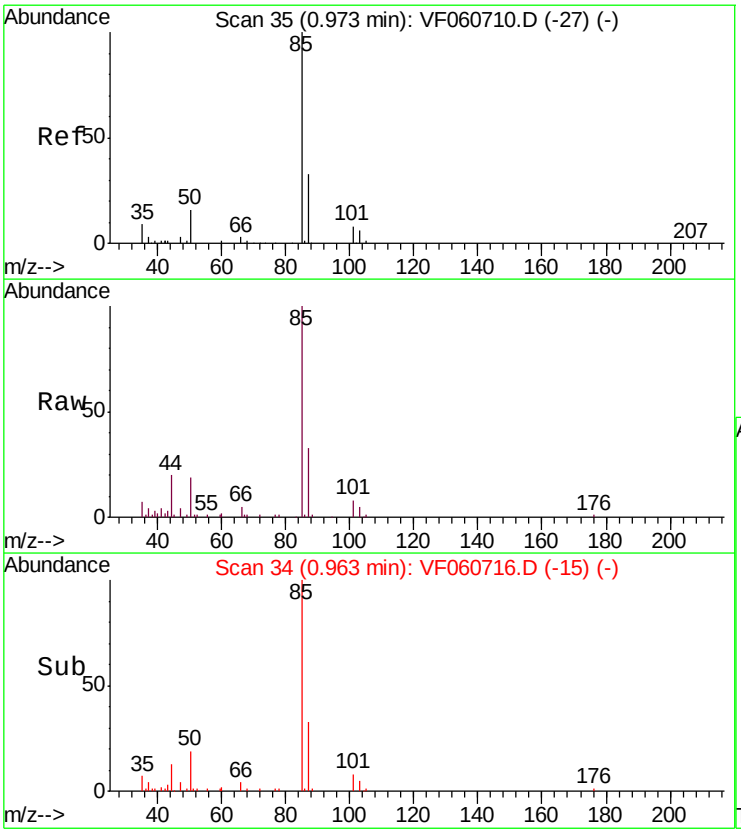

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:168 Resp: 215967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 67.0 | 57.2 | 85.8 |

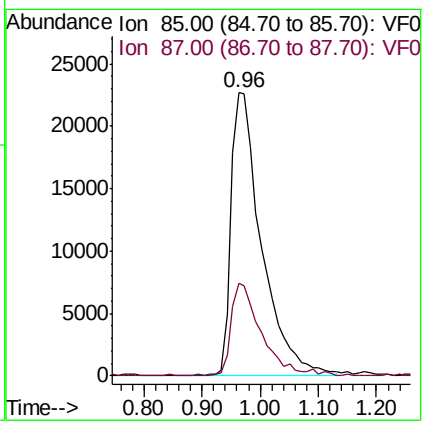


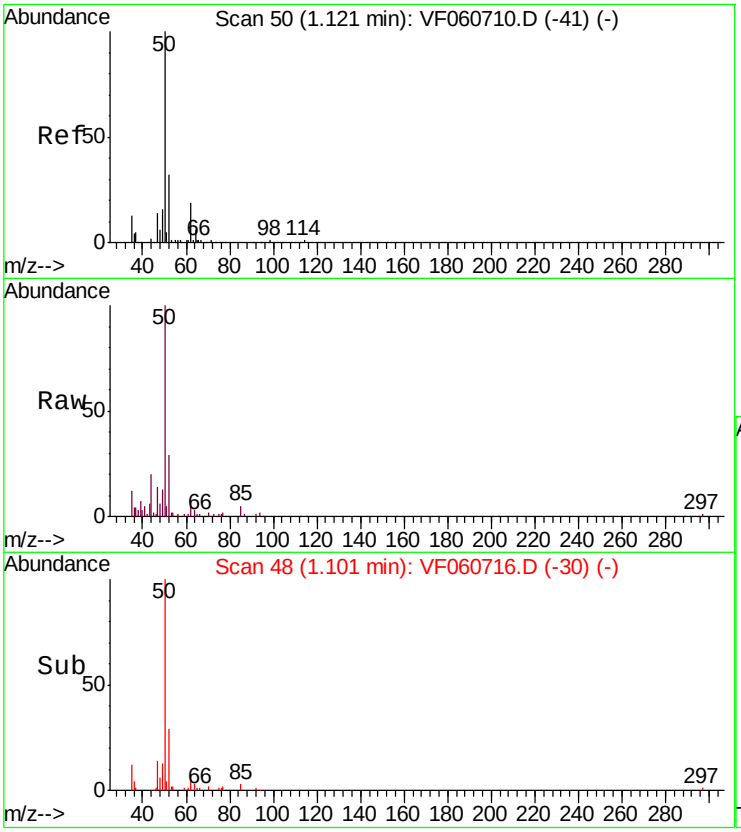




#2
Dichlorodifluoromethane
Concen: 21.497 ug/l
RT: 0.96 min Scan# 34
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 85 Resp: 83087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.0 | 16.3 | 48.9 |



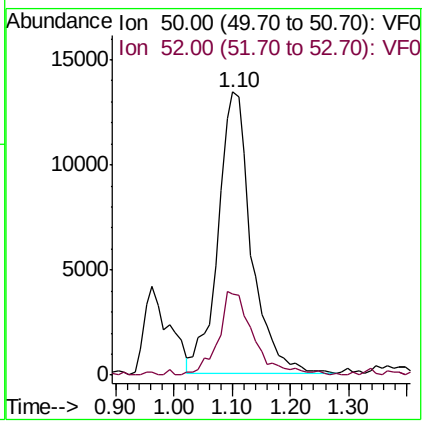


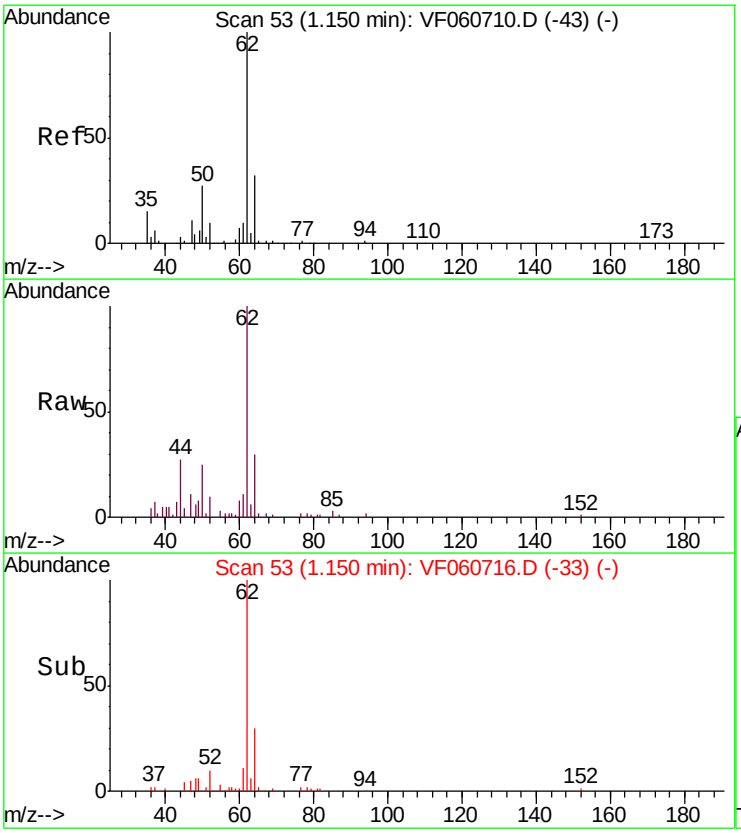

#3
Chloromethane
Concen: 21.997 ug/l
RT: 1.10 min Scan# 48
Delta R.T. -0.02 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 50 Resp: 52728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 28.8 | 24.2 | 36.2 |

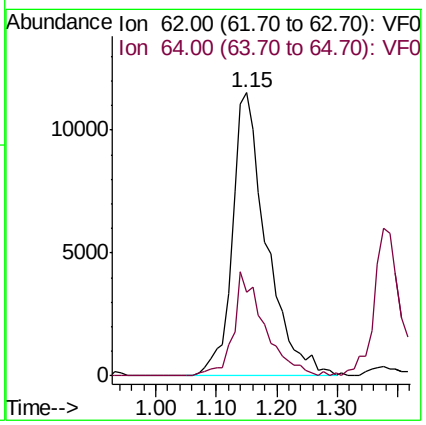


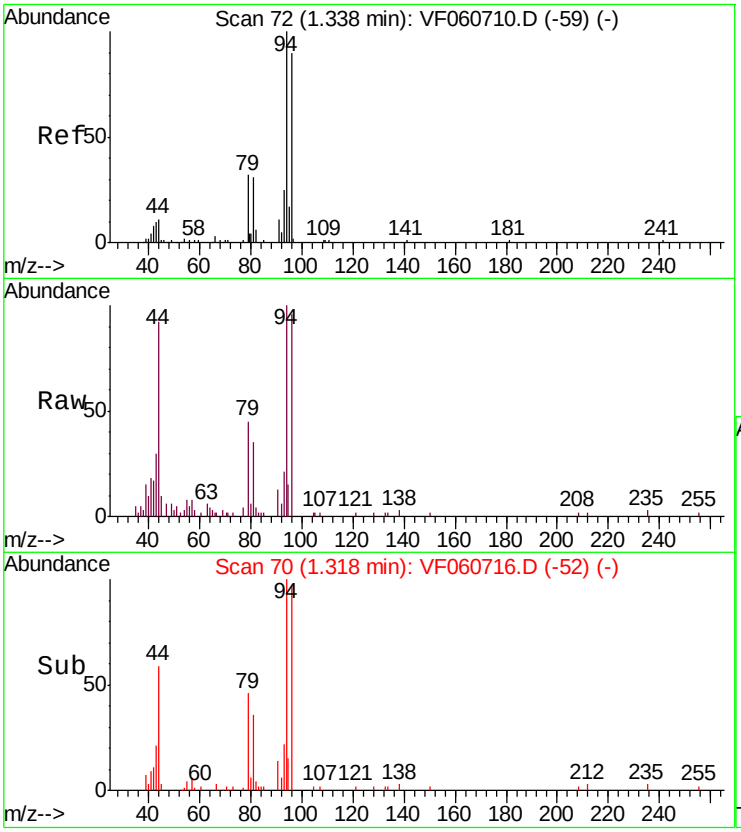




#4
Vinyl Chloride
Concen: 21.101 ug/l
RT: 1.15 min Scan# 53
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 62 Resp: 45247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 29.6 | 25.8 | 38.8 |



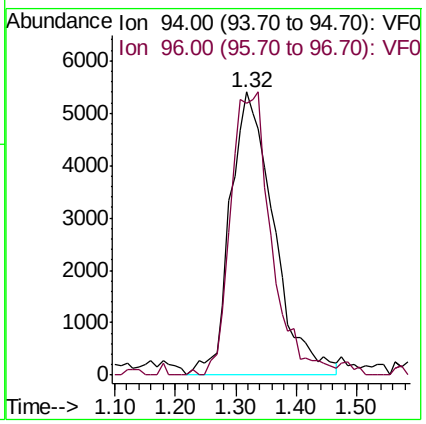


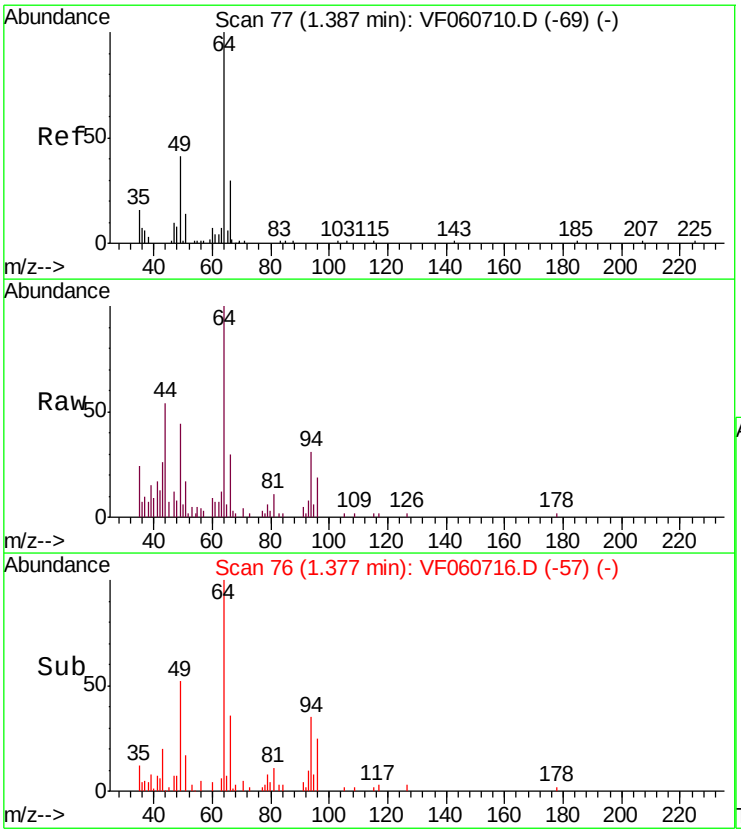

#5
Bromomethane
Concen: 19.948 ug/l
RT: 1.32 min Scan# 70
Delta R.T. -0.02 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 94 Resp: 27170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.2 | 71.9 | 107.9 |

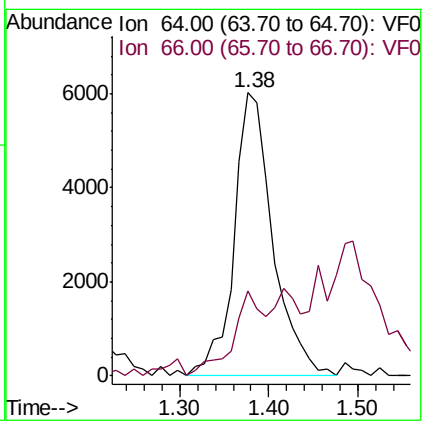


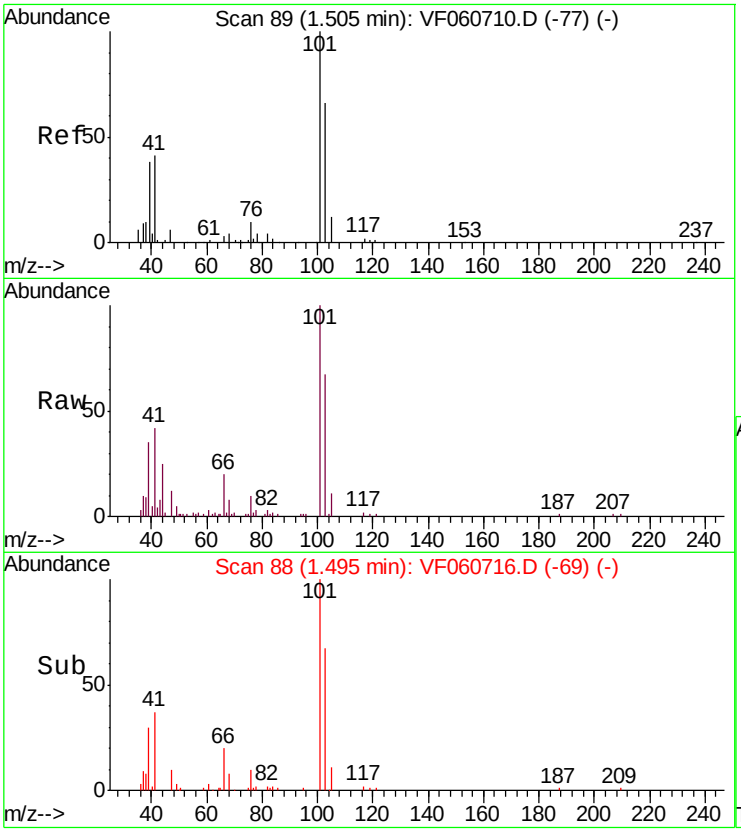




#6
Chloroethane
Concen: 21.713 ug/l
RT: 1.38 min Scan# 76
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 64 Resp: 18216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.1 | 24.8 | 37.2 |



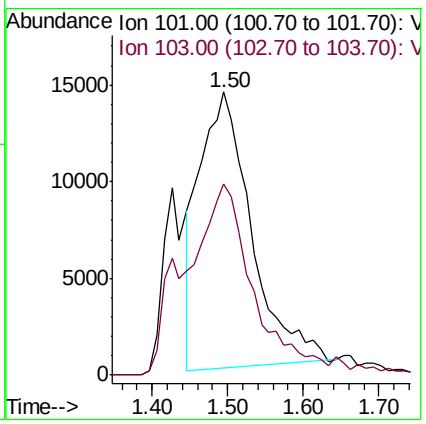


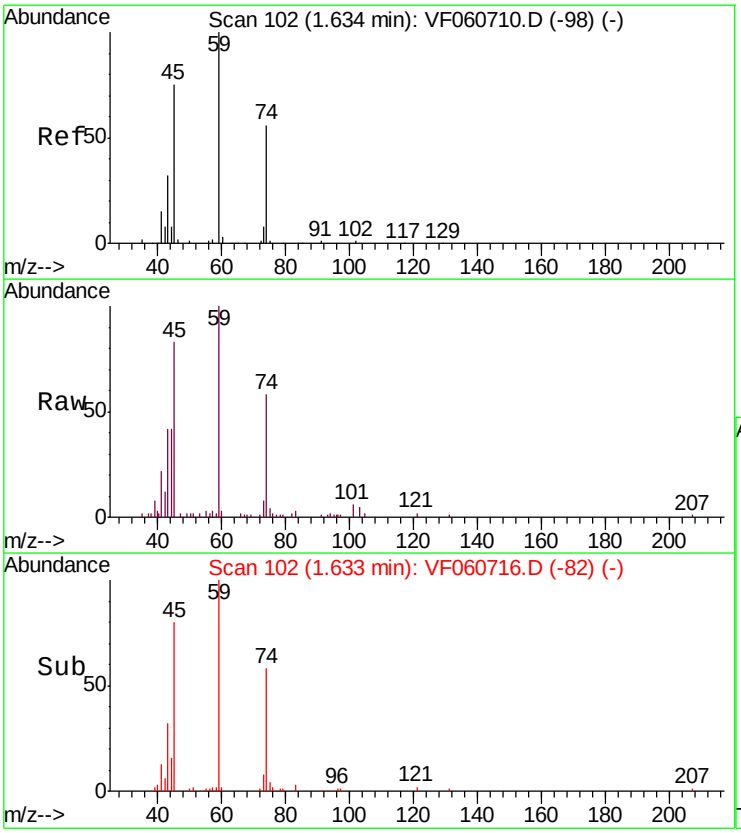

#7
Trichlorofluoromethane
Concen: 14.322 ug/l
RT: 1.50 min Scan# 88
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:101 Resp: 67912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 67.4 | 53.1 | 79.7 |

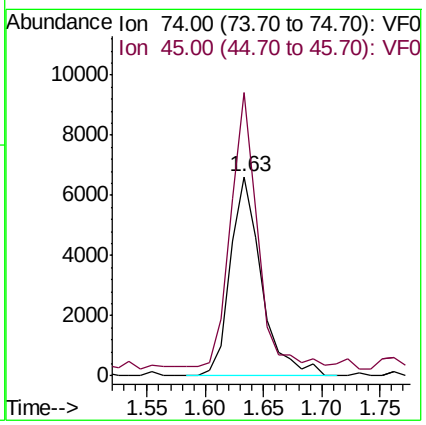


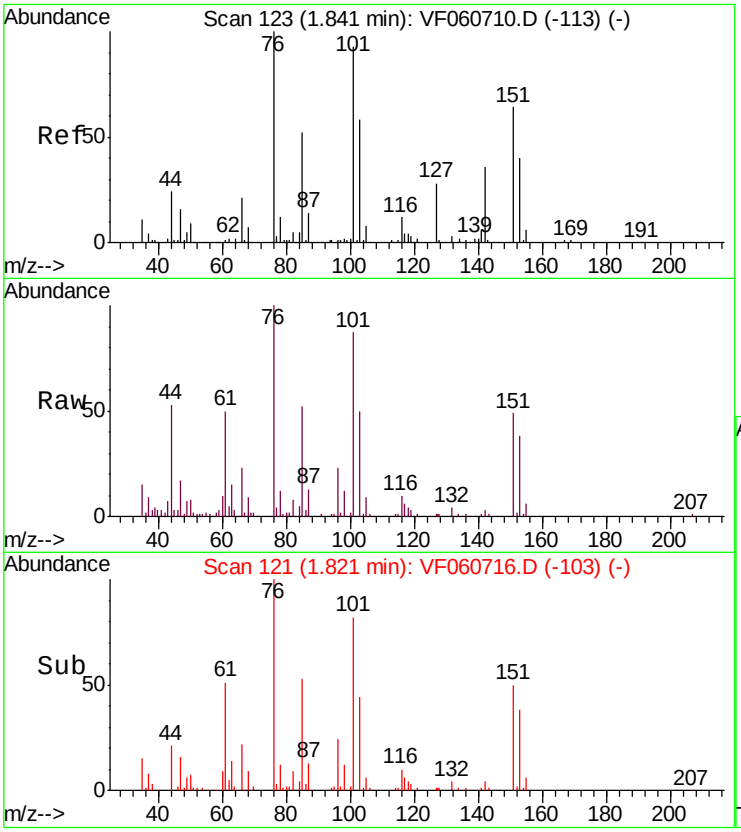




#8
Diethyl Ether
Concen: 20.187 ug/l
RT: 1.63 min Scan# 102
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 74 Resp: 12264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 142.3 | 67.7 | 203.1 |



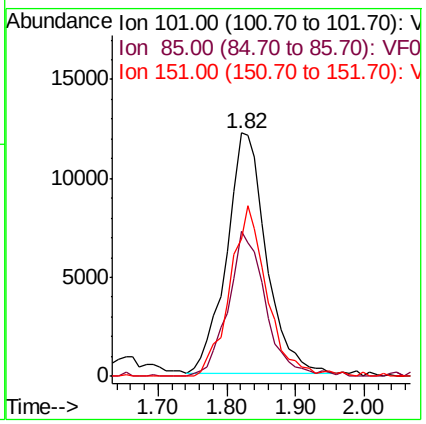


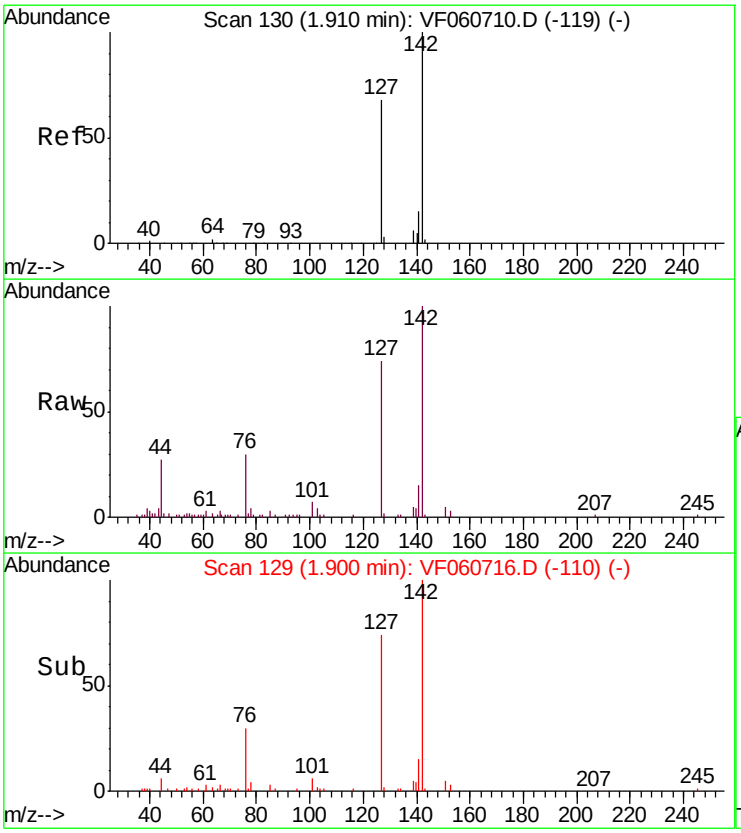

#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.685 ug/l
RT: 1.82 min Scan# 121
Delta R.T. -0.02 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:101 Resp: 48454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 59.5 | 43.6 | 65.4 |
| 151 | 56.5 | 53.1 | 79.7 |

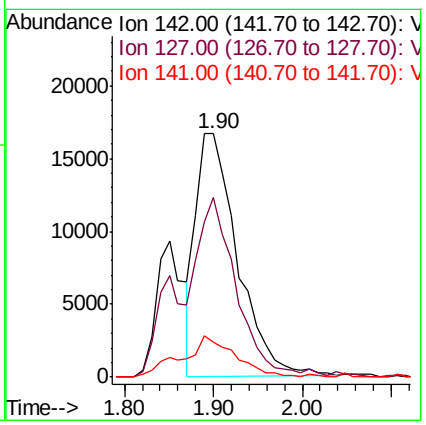


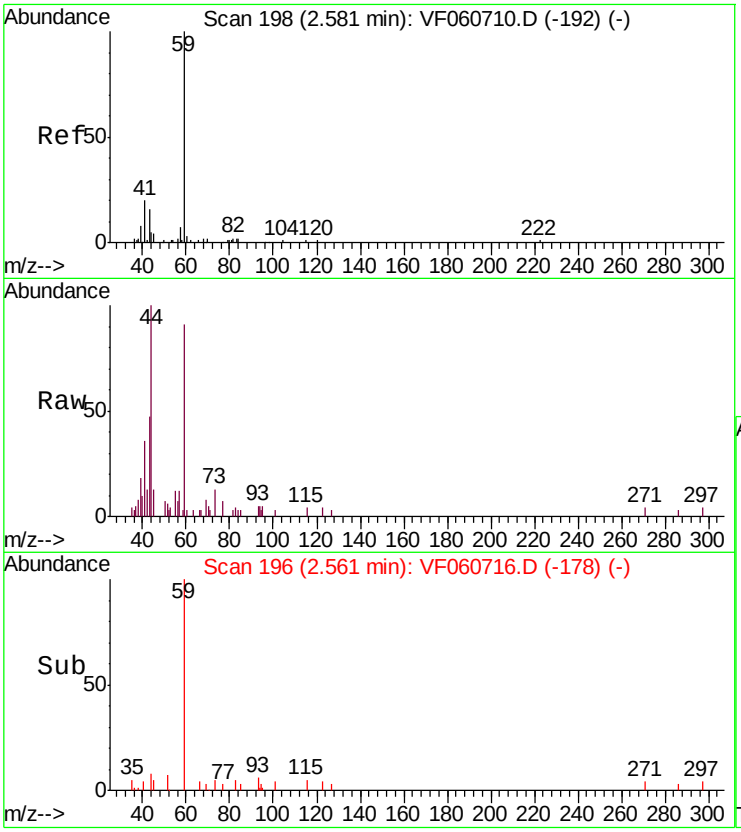




#10
Methyl Iodide
Concen: 15.032 ug/l
RT: 1.90 min Scan# 129
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:142 Resp: 53891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 73.7 | 54.0 | 81.0 |
| 141 | 14.5 | 12.3 | 18.5 |



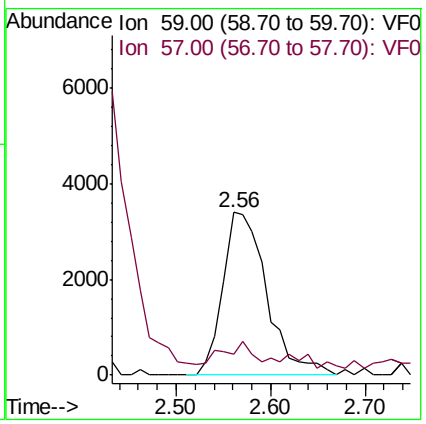


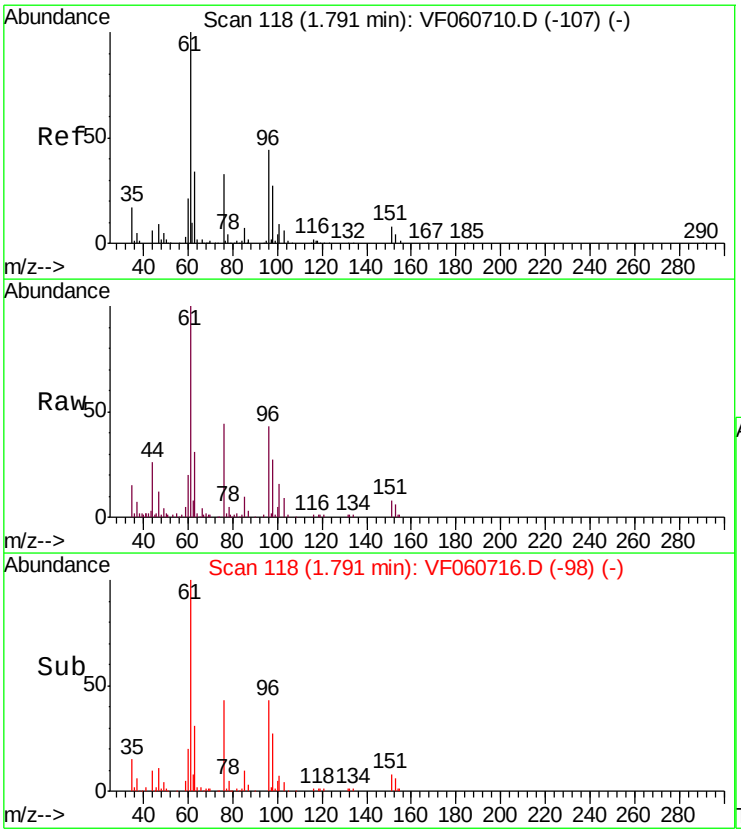

#11
Tert butyl alcohol
Concen: 97.717 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 59 Resp: 10955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 12.9 | 10.5 | 15.7 |

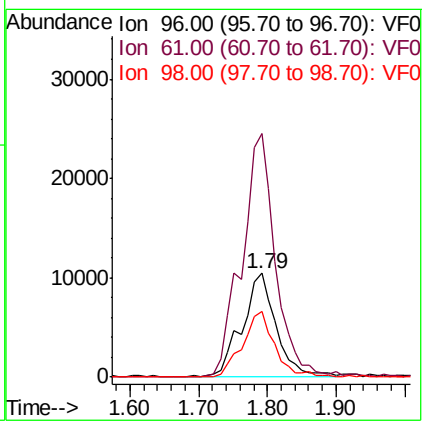


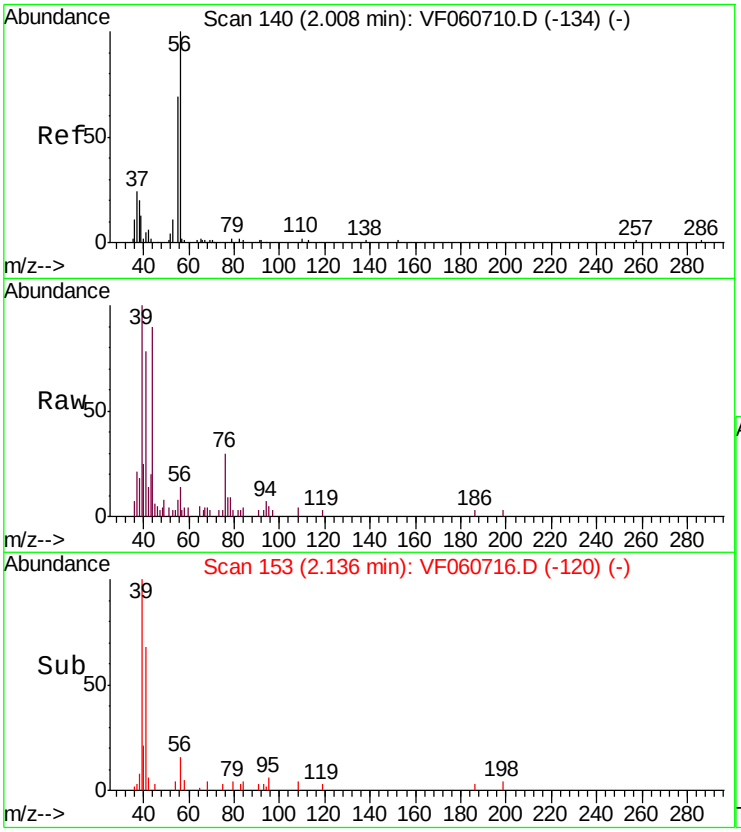




#12
1,1-Dichloroethene
Concen: 20.633 ug/l
RT: 1.79 min Scan# 118
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 96 Resp: 36354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 235.2 | 182.2 | 273.2 |
| 98 | 65.8 | 49.2 | 73.8 |



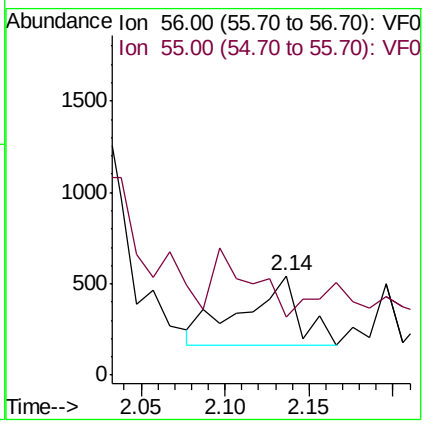


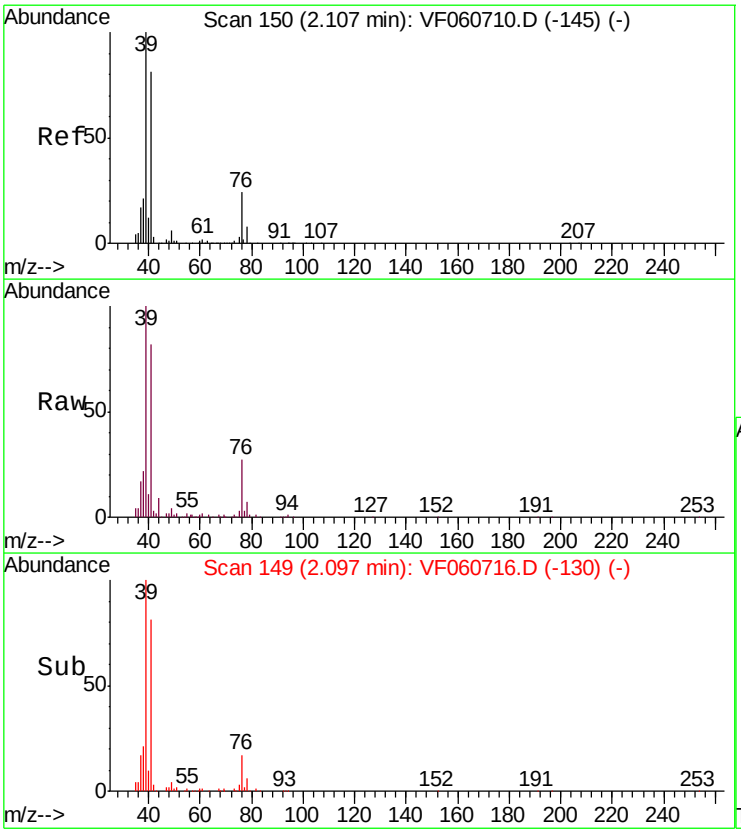

#13
Acrolein
Concen: 8.536 ug/l
RT: 2.14 min Scan# 153
Delta R.T. 0.13 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 56 Resp: 875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 59.0 | 56.6 | 85.0 |

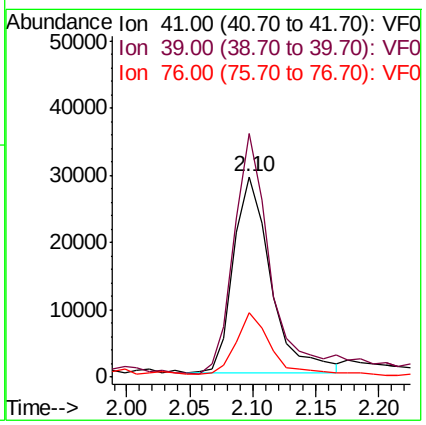


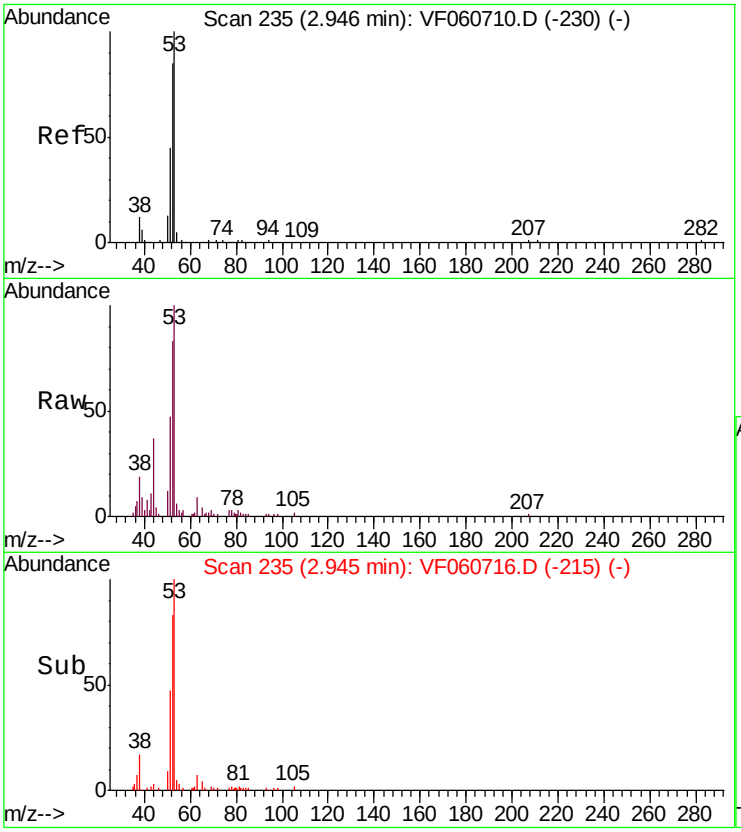




#14
Allyl chloride
Concen: 19.323 ug/l
RT: 2.10 min Scan# 149
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 41 Resp: 59644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 121.6 | 98.5 | 147.7 |
| 76 | 32.2 | 24.5 | 36.7 |



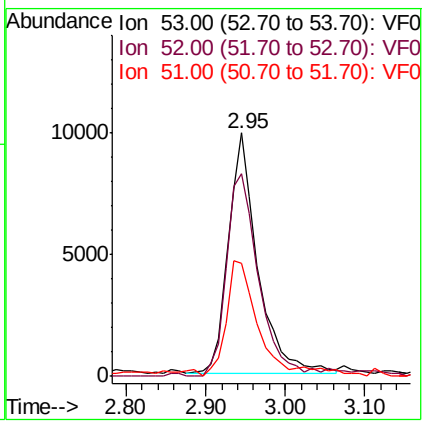


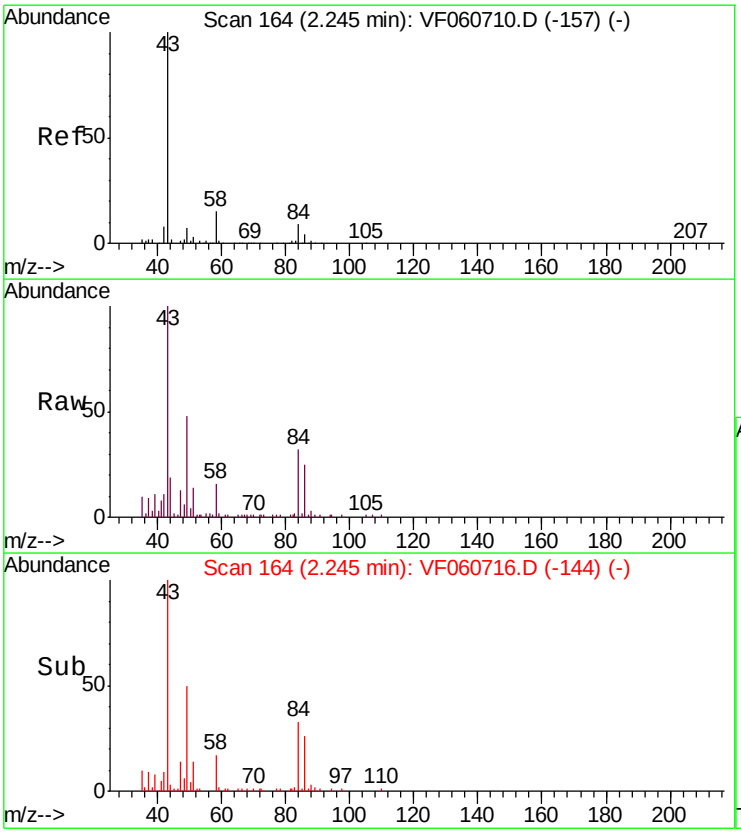

#15
Acrylonitrile
Concen: 107.037 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 53 Resp: 25570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.2 | 68.8 | 103.2 |
| 51 | 46.6 | 36.7 | 55.1 |

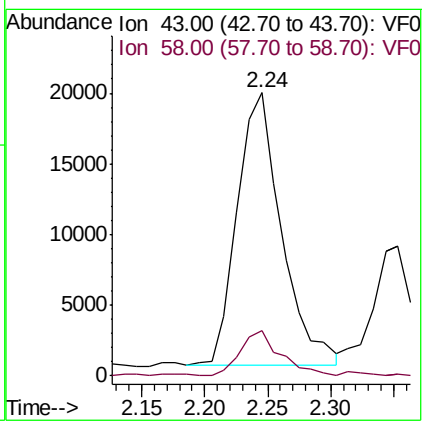


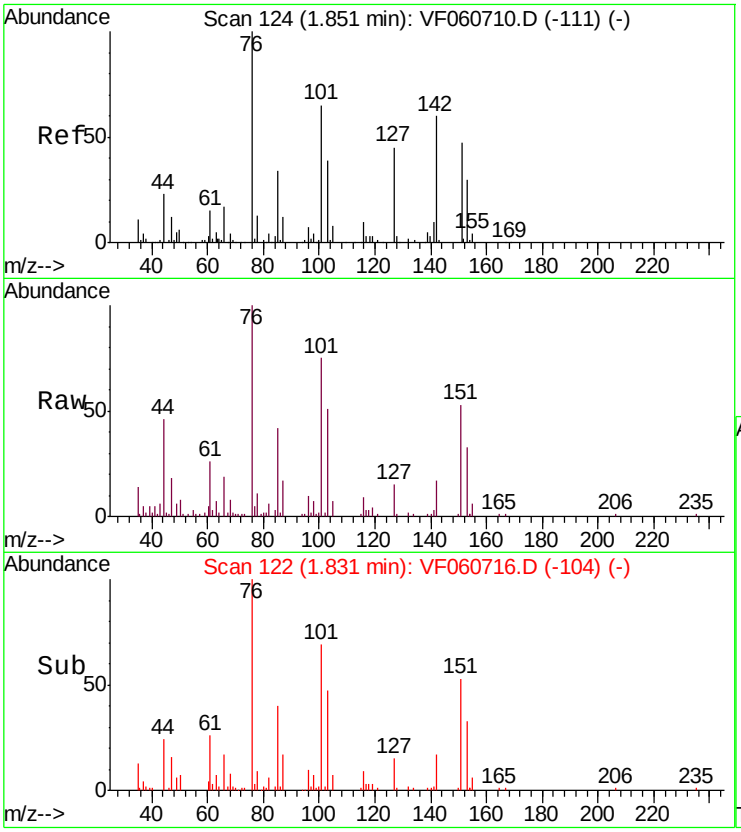




#16
Acetone
Concen: 89.320 ug/l
RT: 2.24 min Scan# 164
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 43 Resp: 47029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 15.9 | 11.6 | 17.4 |



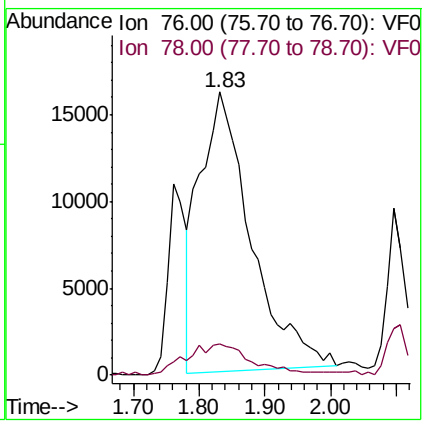


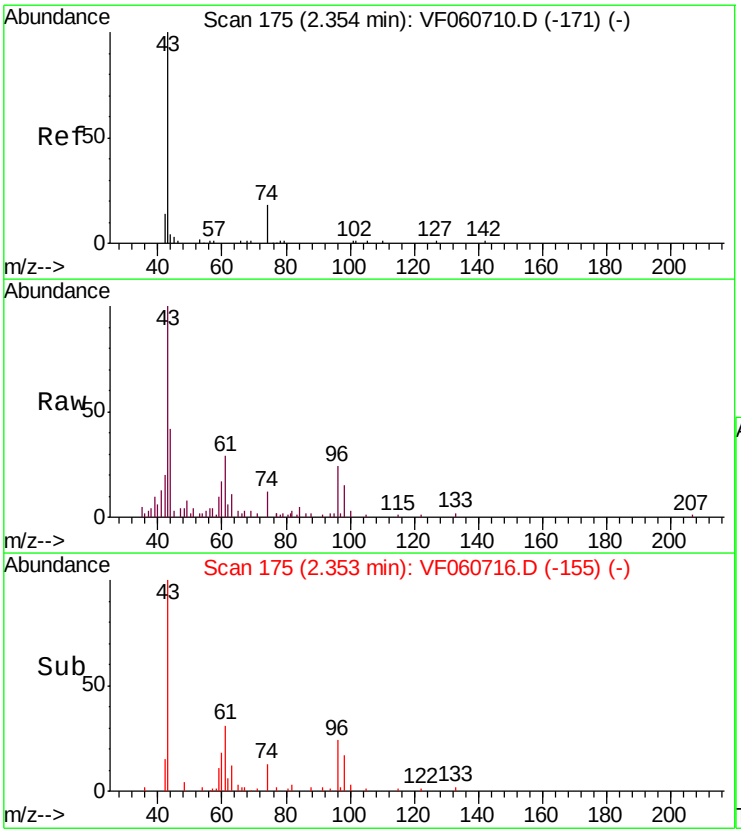

#17
Carbon Disulfide
Concen: 16.411 ug/l
RT: 1.83 min Scan# 122
Delta R.T. -0.02 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 76 Resp: 87395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.9 | 10.5 | 15.7 |

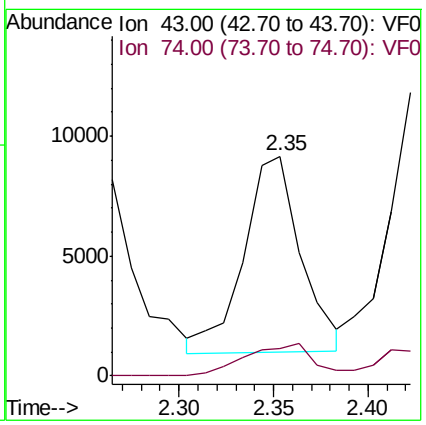


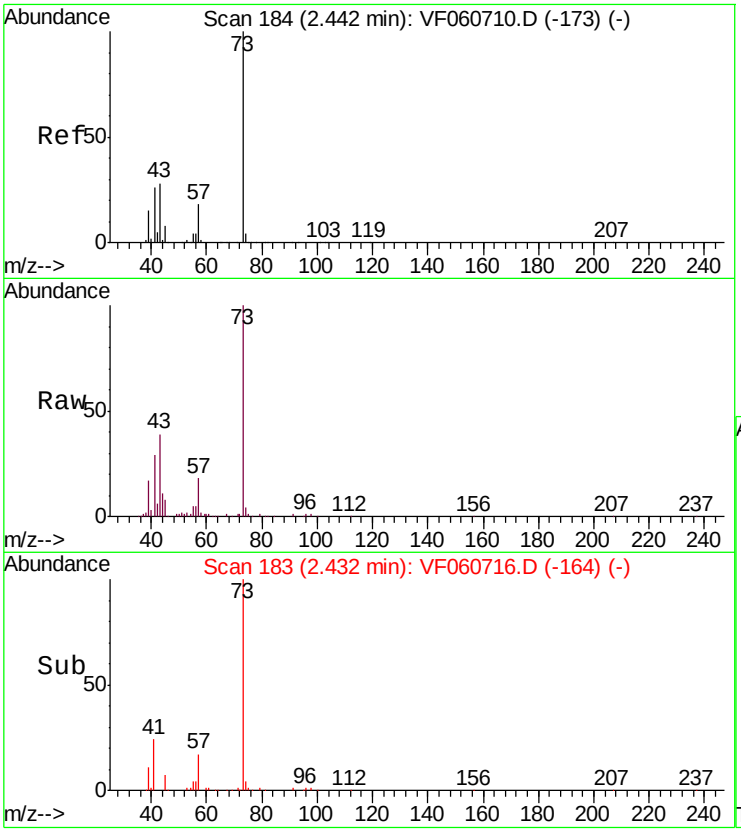




#18
Methyl Acetate
Concen: 19.853 ug/l
RT: 2.35 min Scan# 175
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 43 Resp: 17164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 12.3 | 11.8 | 17.8 |



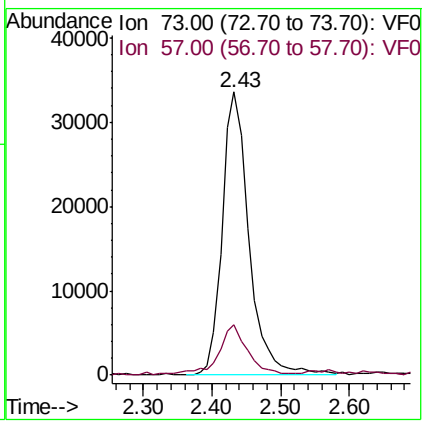


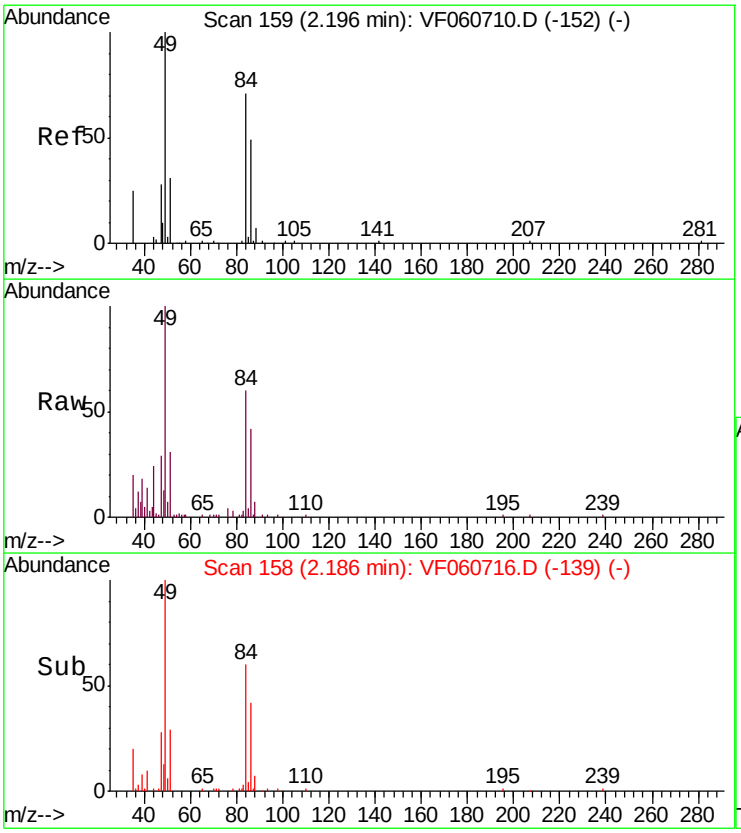

#19
Methyl tert-butyl Ether
Concen: 21.410 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 73 Resp: 90500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 17.6 | 14.3 | 21.5 |

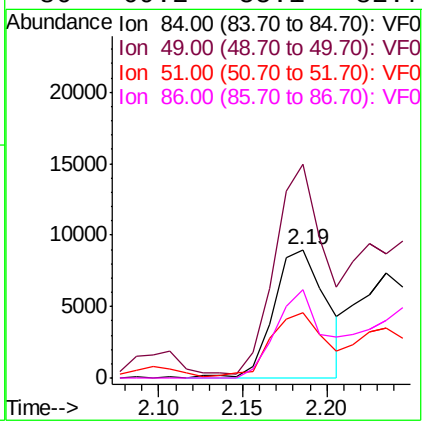


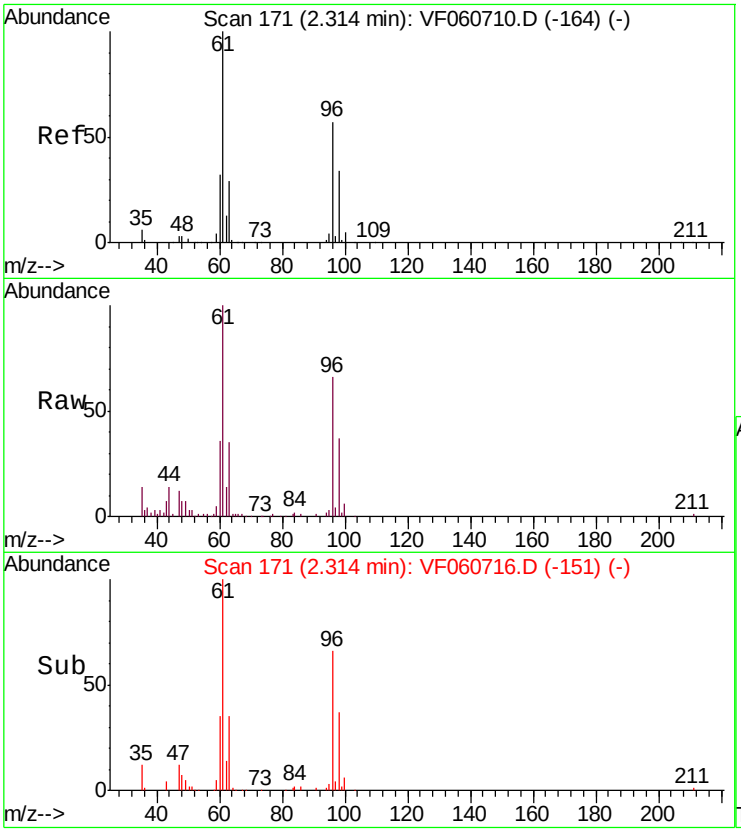




#20
Methylene Chloride
Concen: 8.798 ug/l
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 84 Resp: 19522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 166.1 | 120.2 | 180.4 |
| 51 | 51.2 | 37.2 | 55.8 |
| 86 | 69.2 | 55.1 | 82.7 |



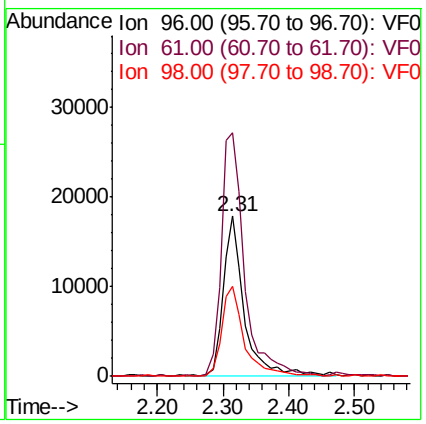


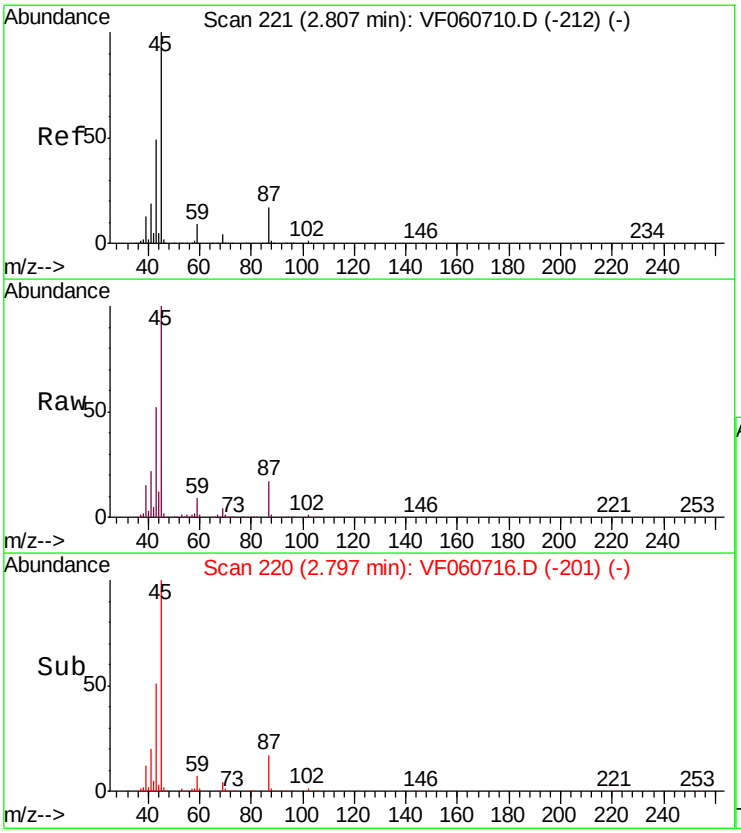

#21
trans-1,2-Dichloroethene
Concen: 21.805 ug/l
RT: 2.31 min Scan# 171
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 96 Resp: 40139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.2 | 141.6 | 212.4 |
| 98 | 56.0 | 47.4 | 71.0 |

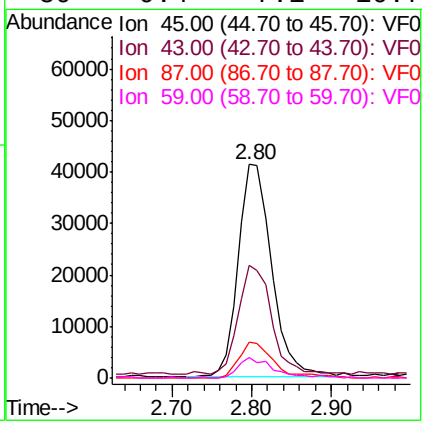


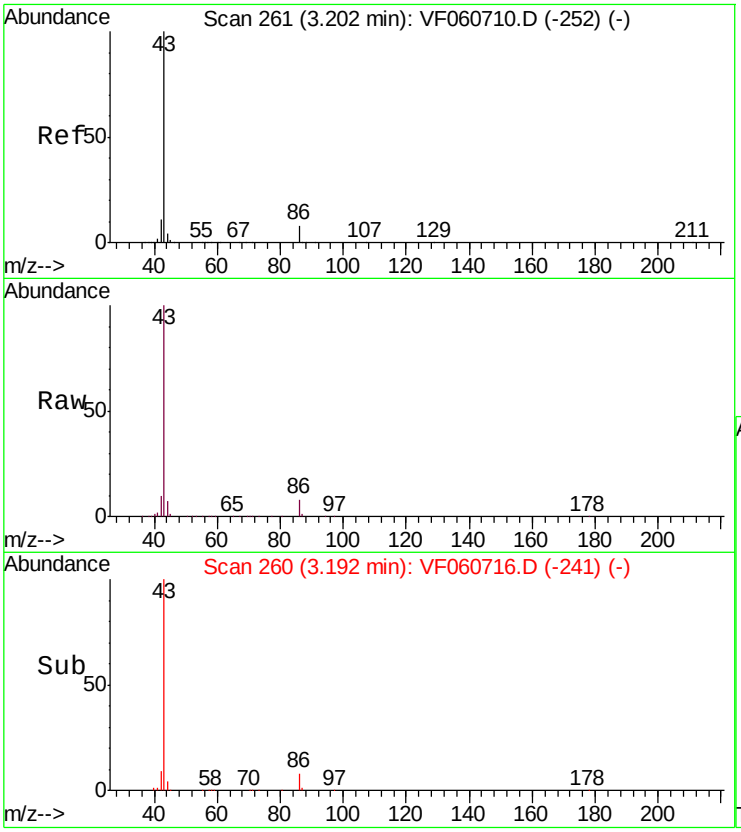




#22
Diisopropyl ether
Concen: 20.319 ug/l
RT: 2.80 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 45 Resp: 121090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 52.4 | 39.9 | 59.9 |
| 87 | 16.7 | 13.9 | 20.9 |
| 59 | 9.4 | 7.1 | 10.7 |



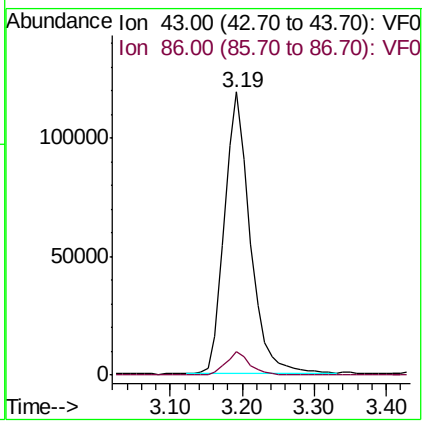


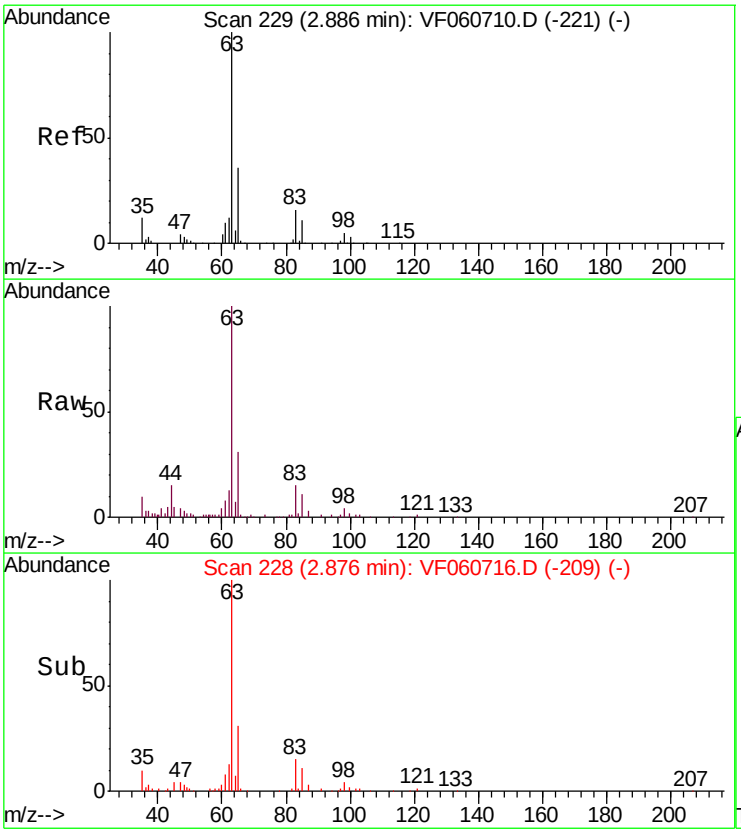

#23
Vinyl Acetate
Concen: 105.177 ug/l
RT: 3.19 min Scan# 260
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 43 Resp: 295149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.3 | 6.4 | 9.6 |

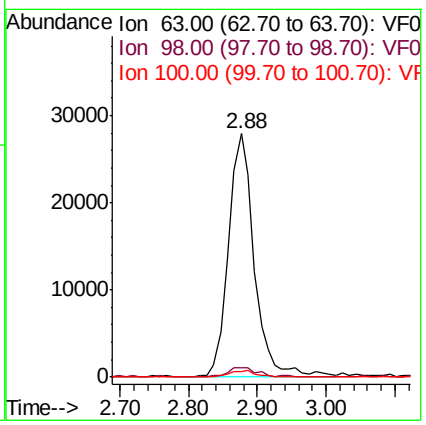


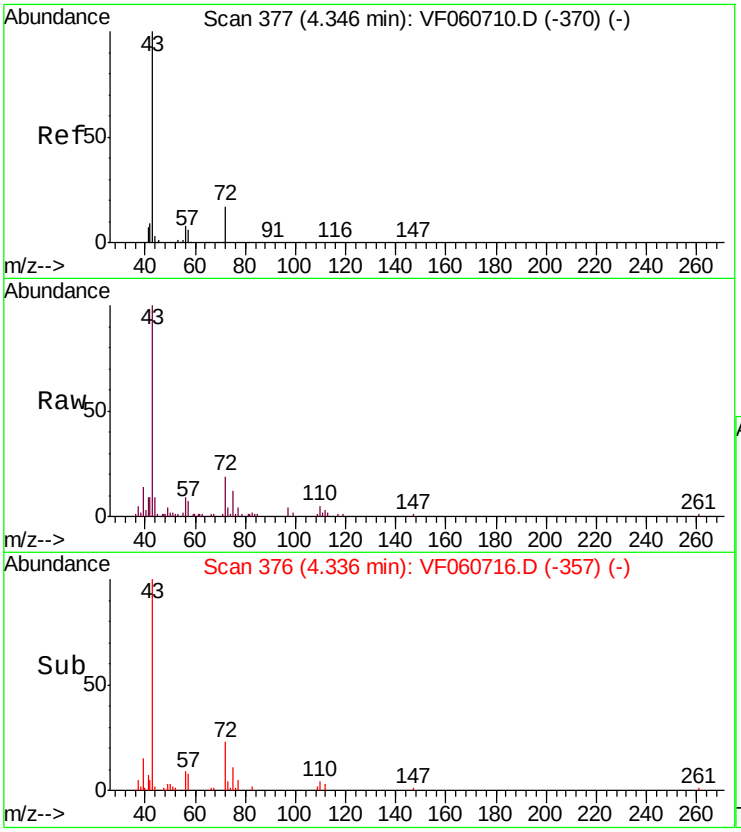




#24
1,1-Dichloroethane
Concen: 20.215 ug/l
RT: 2.88 min Scan# 228
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 63 Resp: 72932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 3.7 | 2.4 | 7.1 |
| 100 | 2.0 | 1.4 | 4.2 |



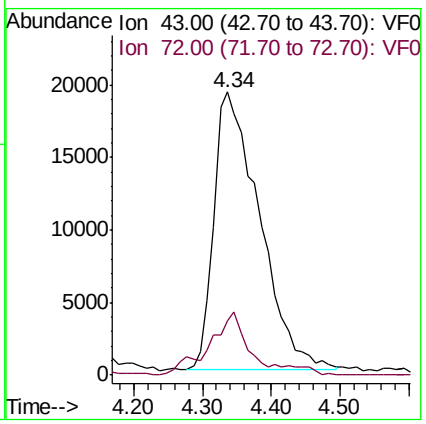


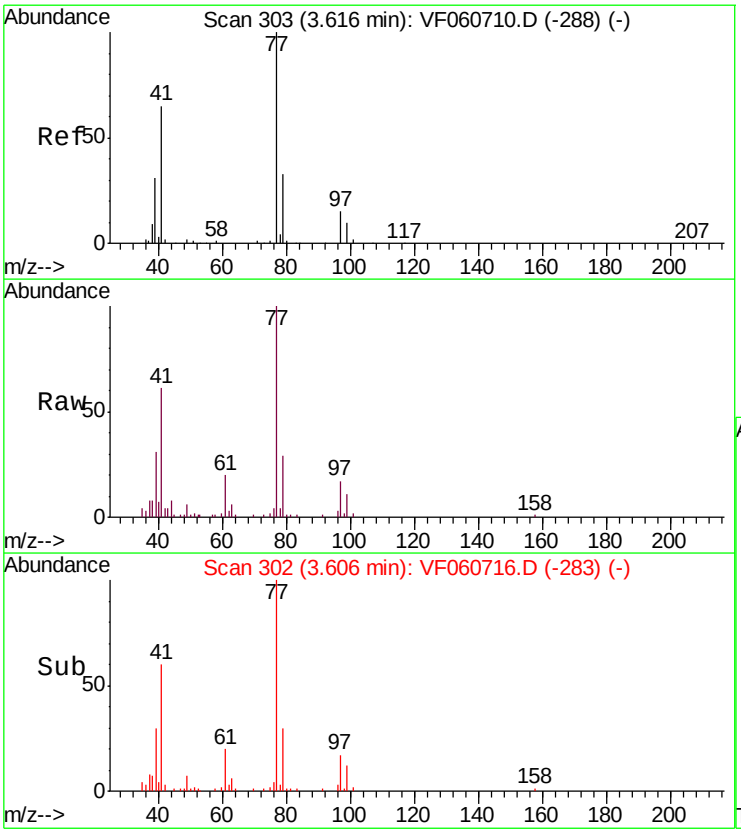

#25
2-Butanone
Concen: 101.633 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 43 Resp: 88019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 19.4 | 16.1 | 24.1 |

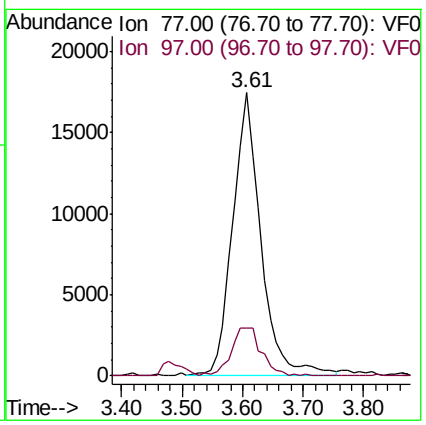


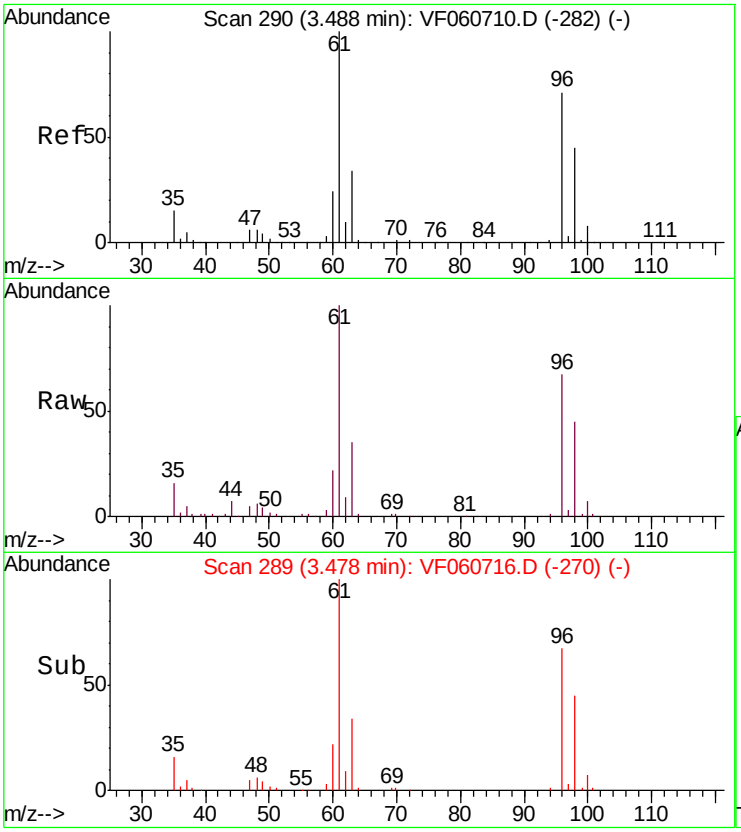




#26
2,2-Dichloropropane
Concen: 19.981 ug/l
RT: 3.61 min Scan# 302
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 77 Resp: 56728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 17.0 | 8.8 | 26.5 |



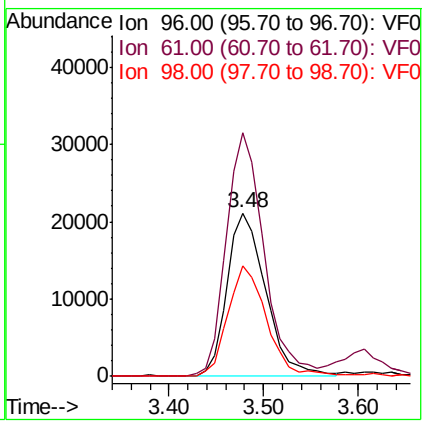


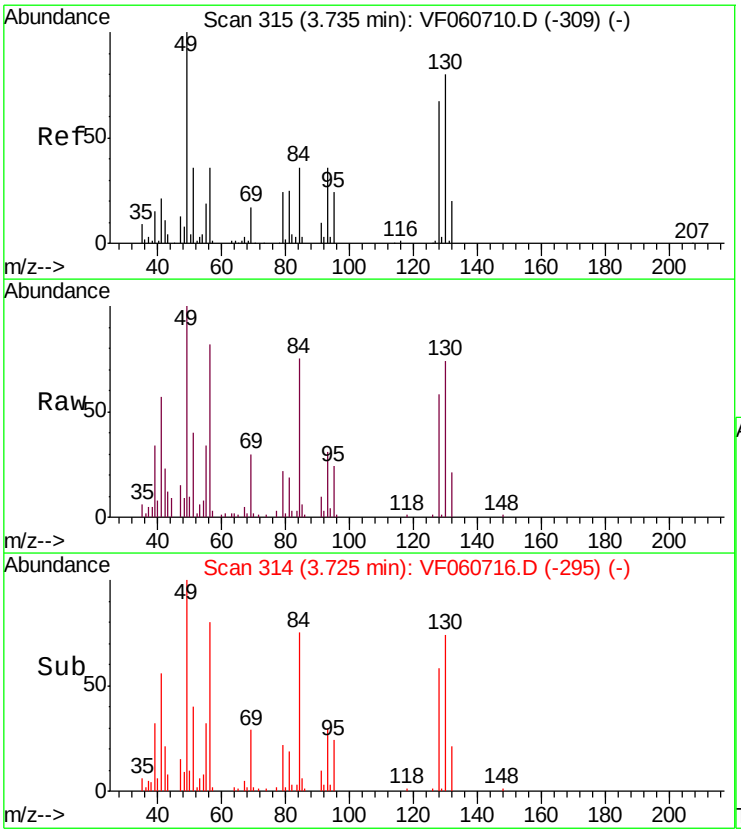

#27
cis-1,2-Dichloroethene
Concen: 19.129 ug/l
RT: 3.48 min Scan# 289
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 96 Resp: 59904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 149.3 | 0.0 | 280.6 |
| 98 | 67.8 | 0.0 | 127.6 |

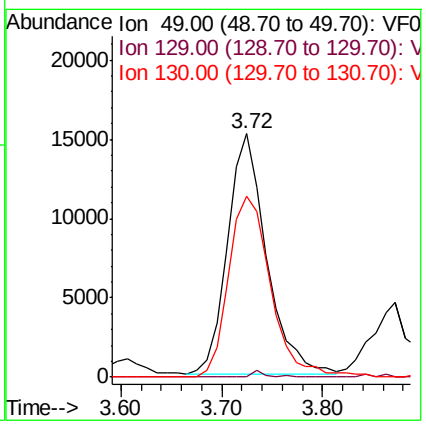


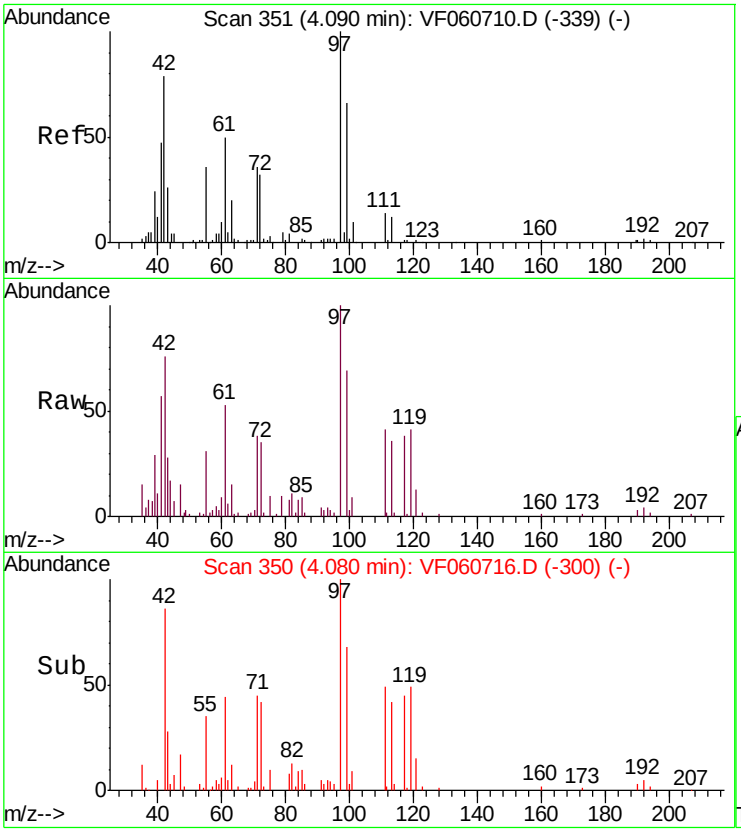




#28
Bromochloromethane
Concen: 21.908 ug/l
RT: 3.72 min Scan# 314
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 49 Resp: 41077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 5.2 |
| 130 | 74.1 | 63.9 | 95.9 |



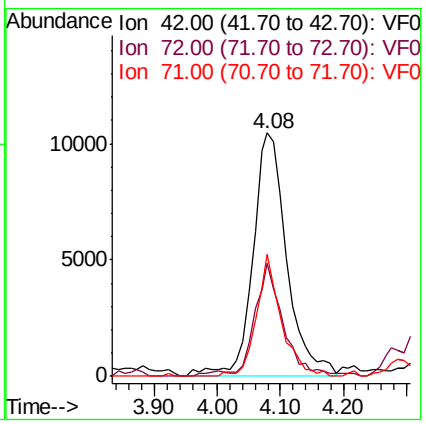


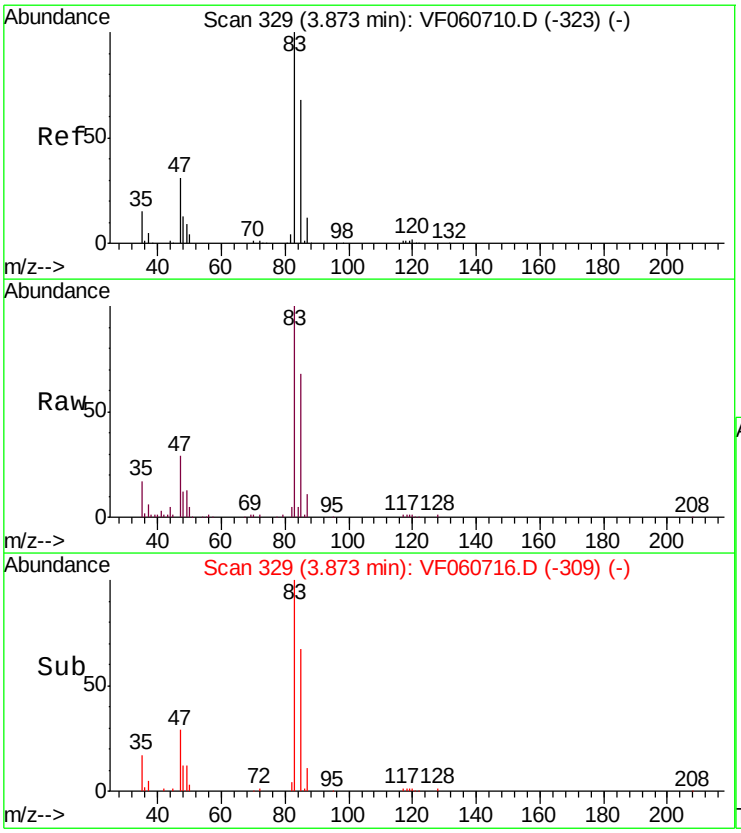

#29
Tetrahydrofuran
Concen: 110.005 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 42 Resp: 39297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 38.6 | 30.3 | 45.5 |
| 71 | 36.9 | 32.2 | 48.2 |

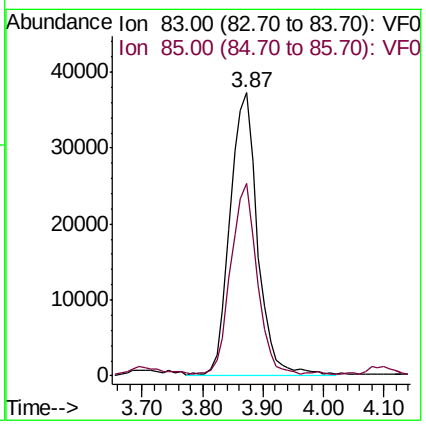


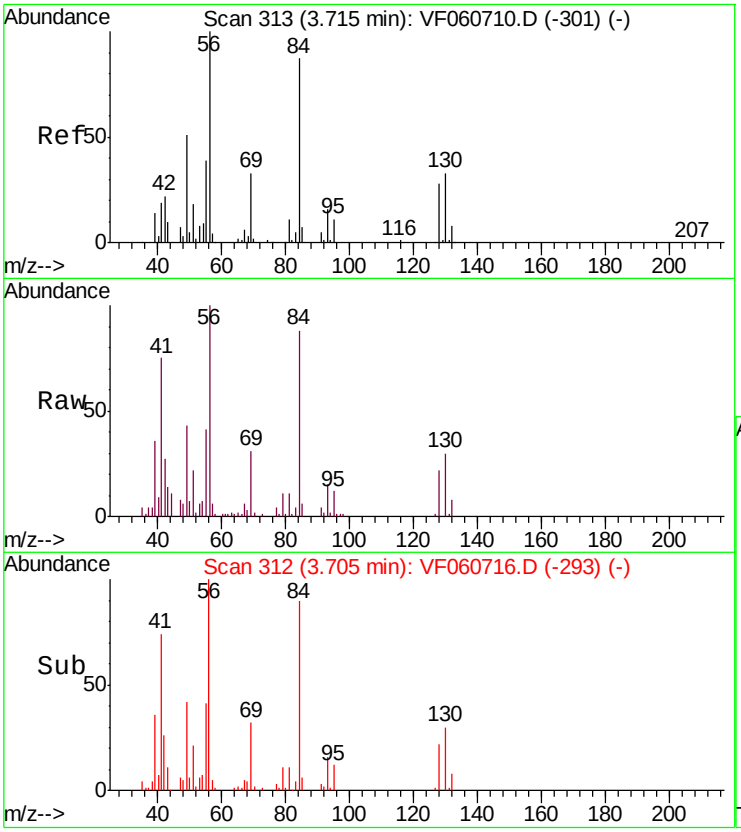




#30
Chloroform
Concen: 20.546 ug/l
RT: 3.87 min Scan# 329
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 83 Resp: 118933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.9 | 54.6 | 82.0 |



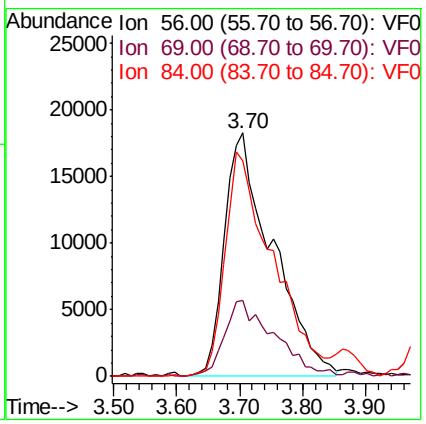


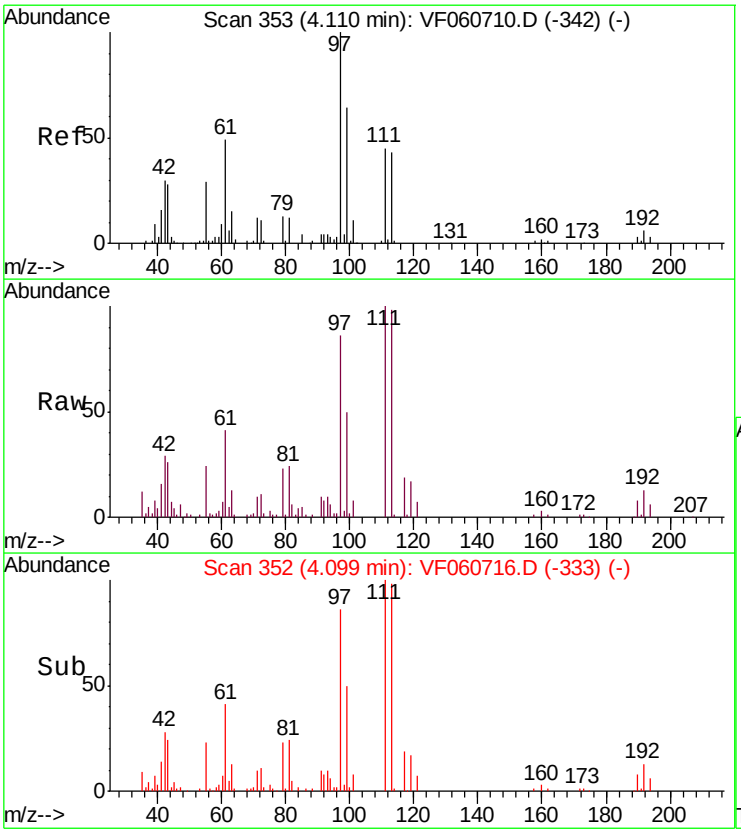

#31
Cyclohexane
Concen: 22.027 ug/l
RT: 3.70 min Scan# 312
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 56 Resp: 96452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.2 | 26.0 | 39.0 |
| 84 | 88.3 | 69.4 | 104.2 |

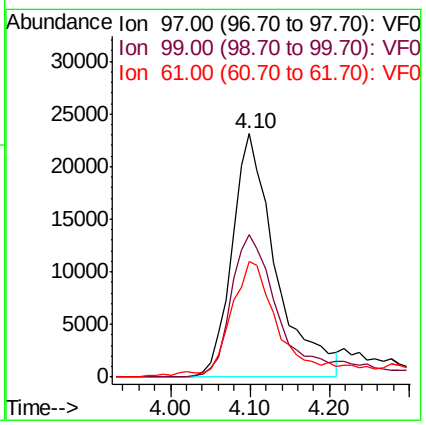


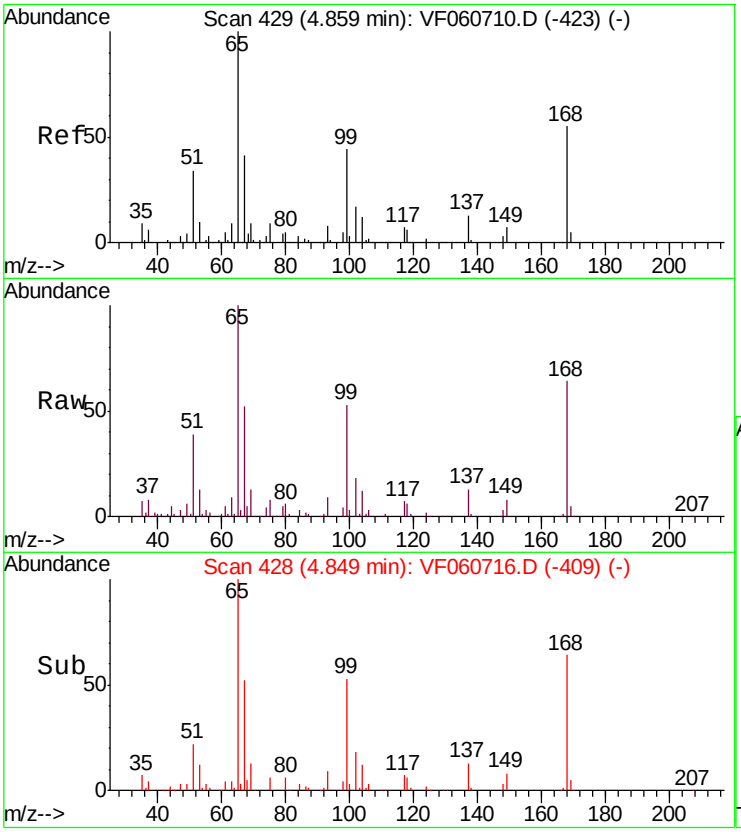




#32
1,1,1-Trichloroethane
Concen: 19.378 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 97 Resp: 88336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 58.8 | 51.1 | 76.7 |
| 61 | 47.6 | 40.1 | 60.1 |



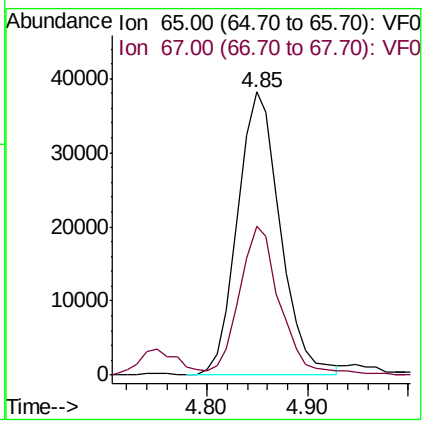


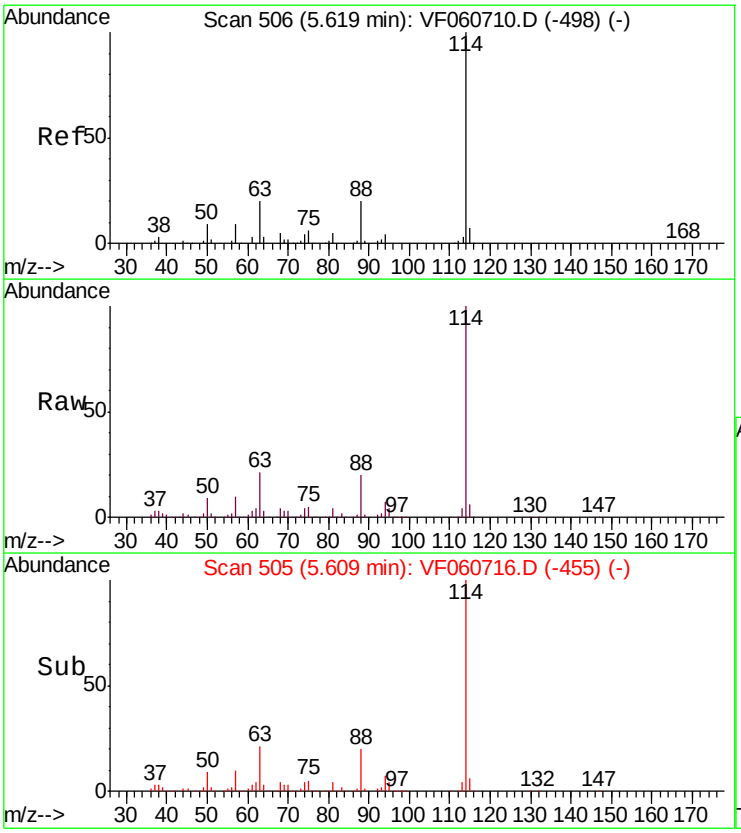

#33
1,2-Dichloroethane-d4
Concen: 45.929 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 65 Resp: 113139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.5 | 0.0 | 90.2 |

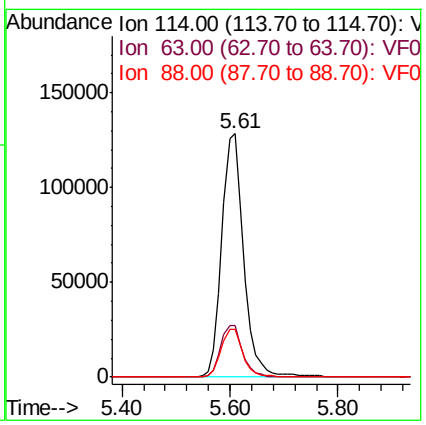


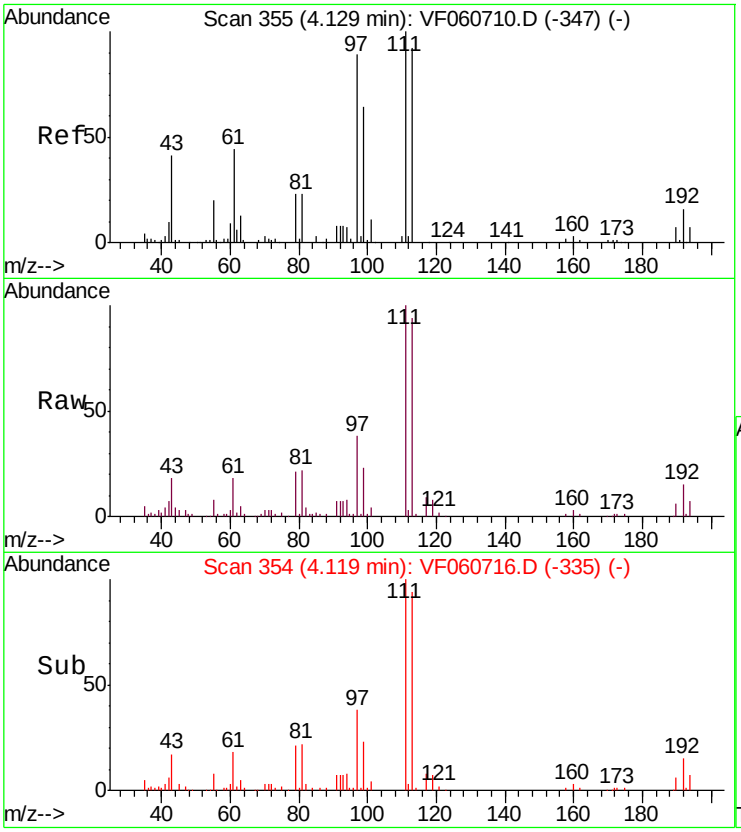




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:114 Resp: 361021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.0 | 0.0 | 40.8 |
| 88 | 19.6 | 0.0 | 39.6 |



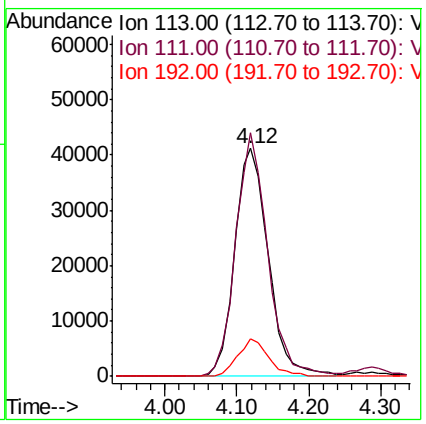


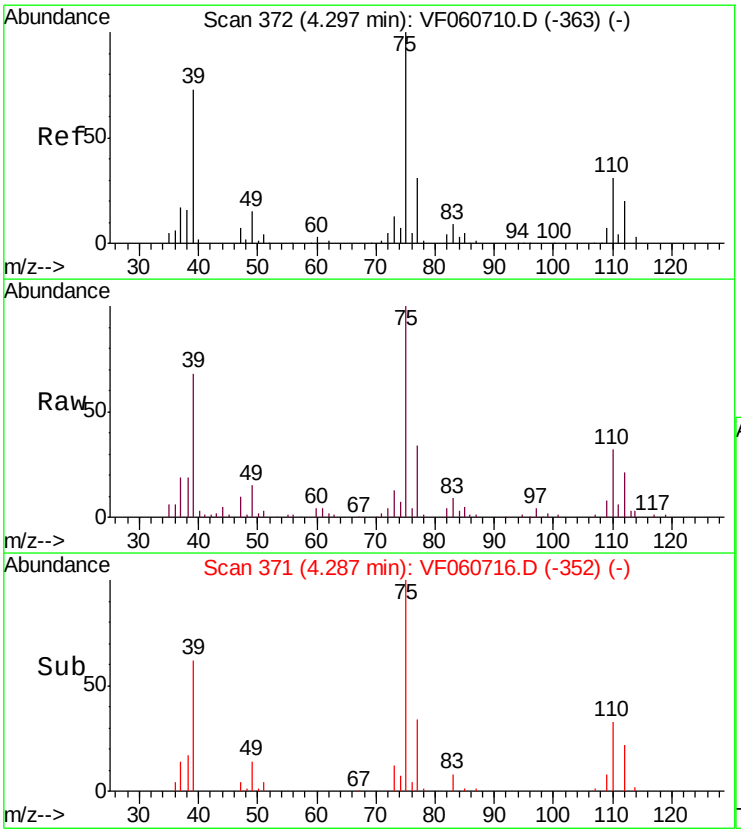

#35
Dibromofluoromethane
Concen: 49.351 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:113 Resp: 133927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 106.7 | 87.1 | 130.7 |
| 192 | 16.3 | 13.8 | 20.6 |

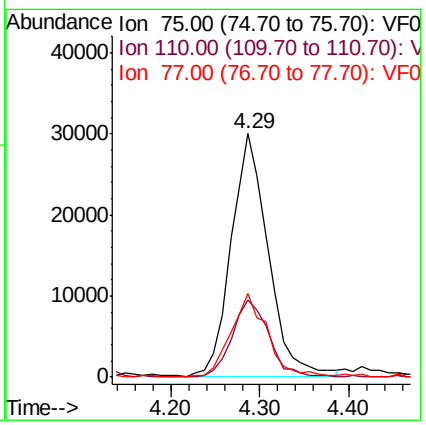


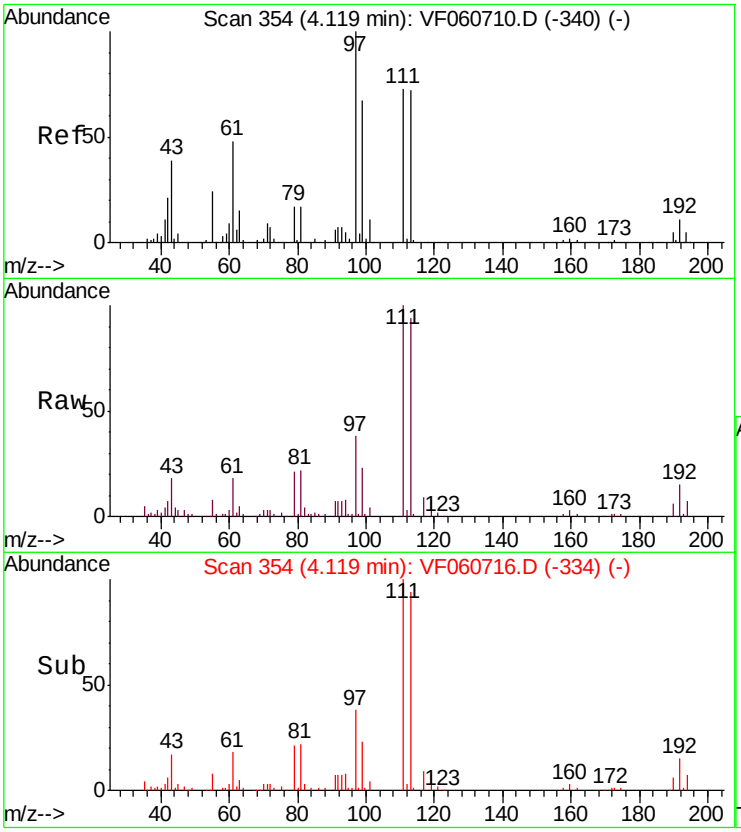




#36
1,1-Dichloropropene
Concen: 20.855 ug/l
RT: 4.29 min Scan# 371
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 75 Resp: 87319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 31.8 | 15.6 | 46.8 |
| 77 | 34.1 | 25.0 | 37.6 |



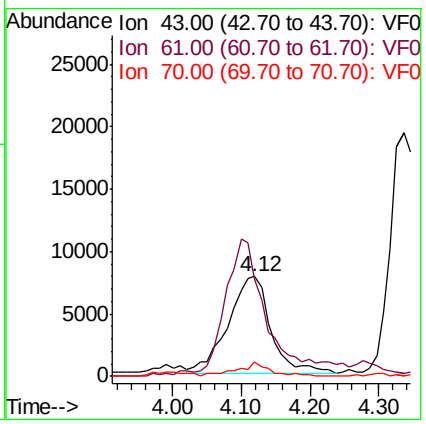


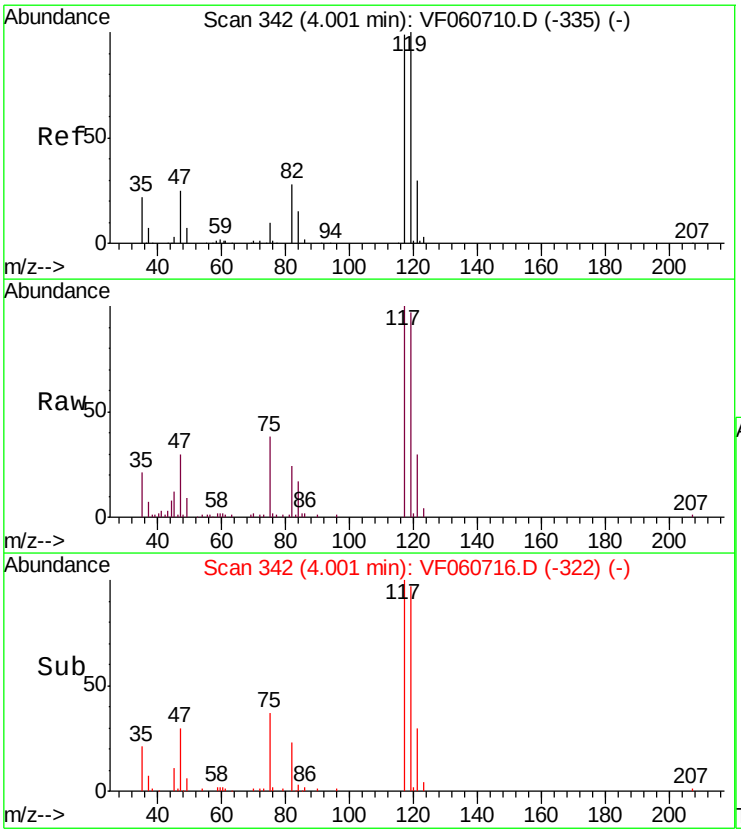

#37
Ethyl Acetate
Concen: 21.188 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 43 Resp: 32982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 97.1 | 98.5 | 147.7# |
| 70 | 14.9 | 7.4 | 11.0# |

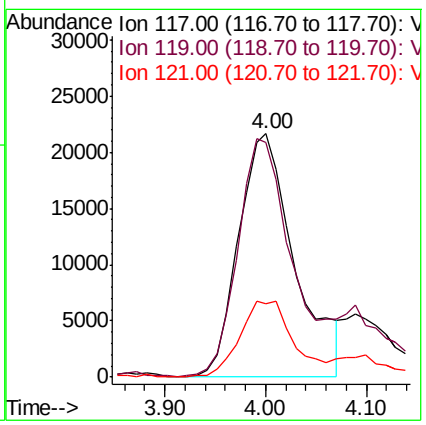


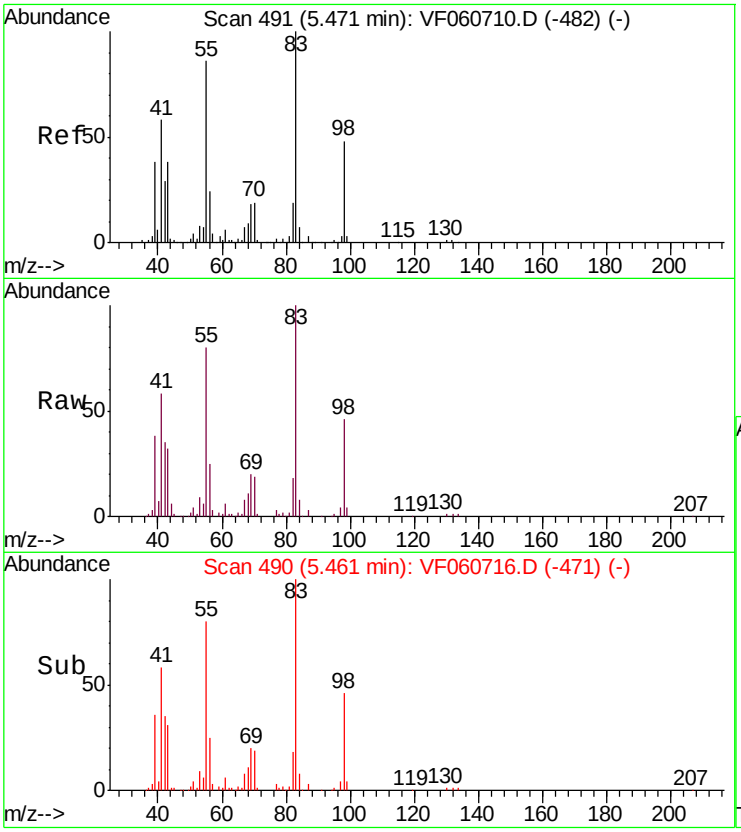




#38
Carbon Tetrachloride
Concen: 20.671 ug/l
RT: 4.00 min Scan# 342
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:117 Resp: 83978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.6 | 80.7 | 121.1 |
| 121 | 29.9 | 24.3 | 36.5 |



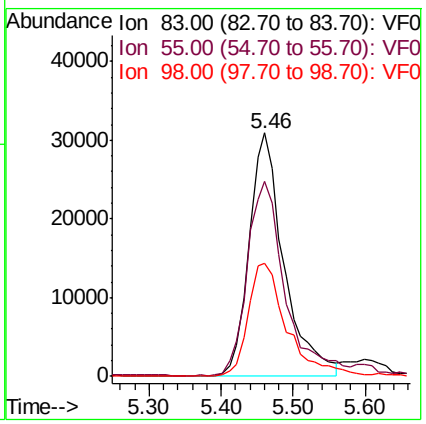


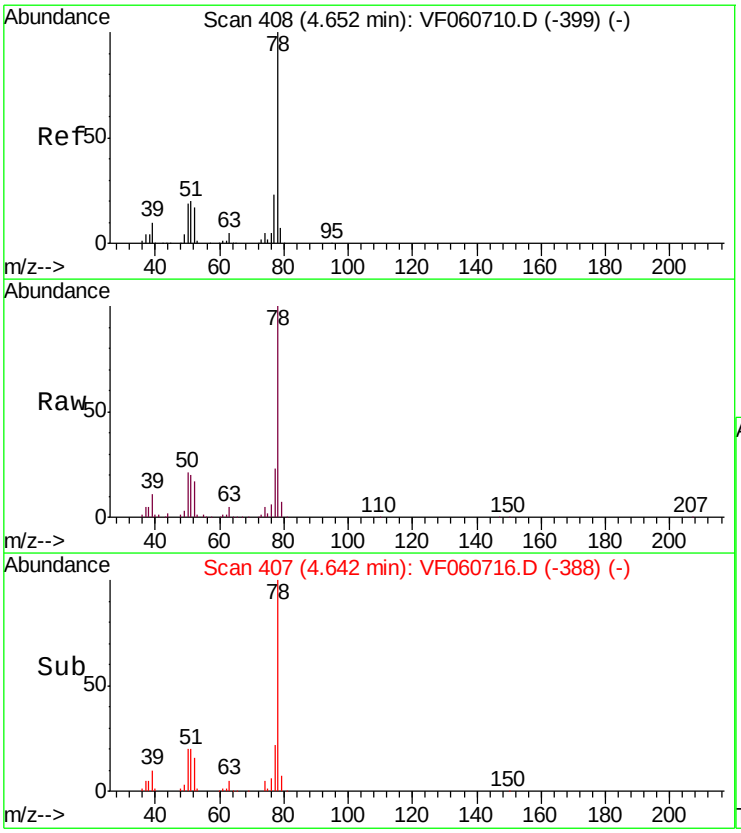

#39
Methylcyclohexane
Concen: 21.447 ug/l
RT: 5.46 min Scan# 490
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 83 Resp: 104178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 80.2 | 69.0 | 103.4 |
| 98 | 46.2 | 38.5 | 57.7 |

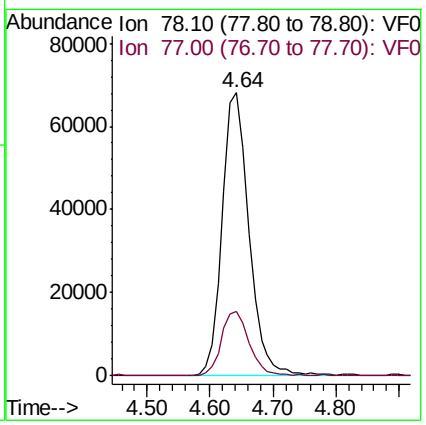


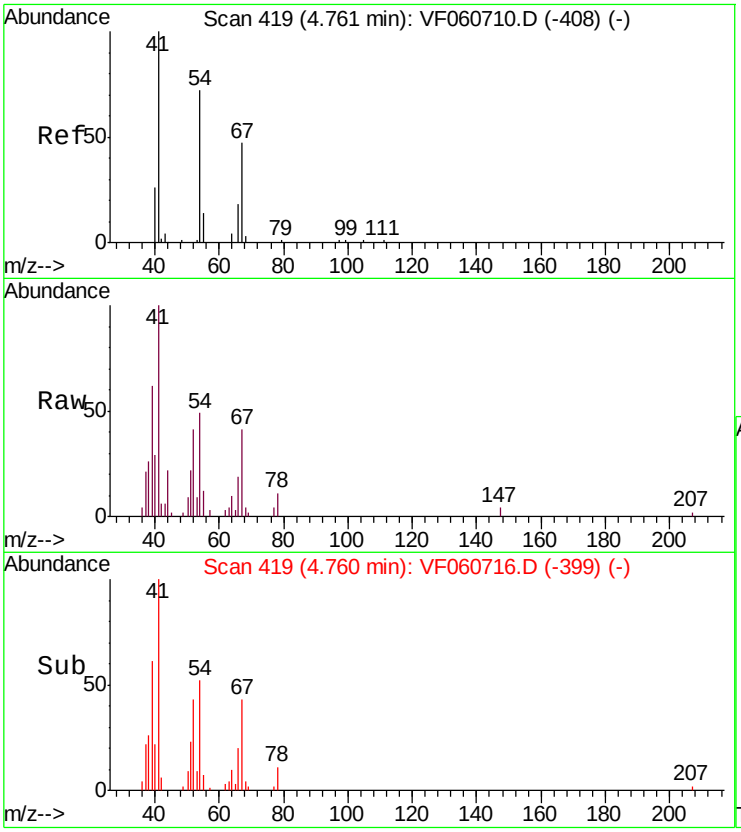




#40
Benzene
Concen: 21.671 ug/l
RT: 4.64 min Scan# 407
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 78 Resp: 202258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.8 | 18.6 | 28.0 |



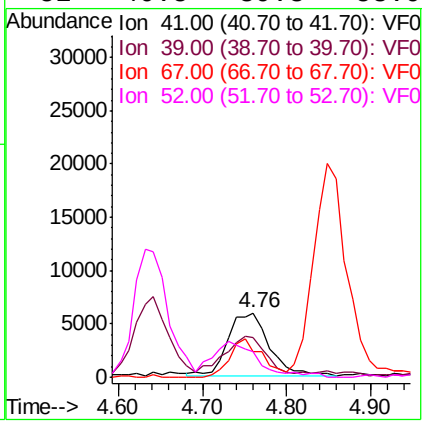


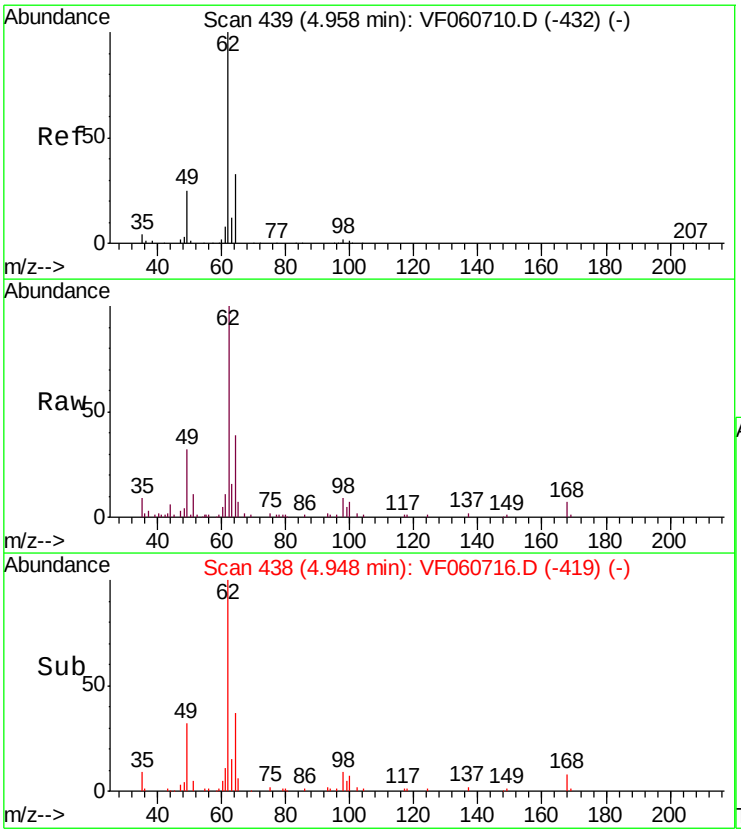

#41
Methacrylonitrile
Concen: 21.549 ug/l
RT: 4.76 min Scan# 419
Delta R.T. 0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 41 Resp: 19929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 61.7 | 47.1 | 70.7 |
| 67 | 40.9 | 37.1 | 55.7 |
| 52 | 40.5 | 39.3 | 58.9 |

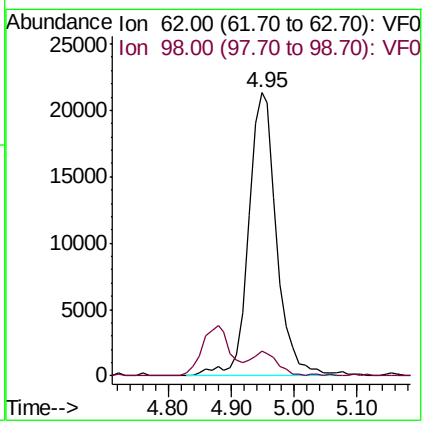


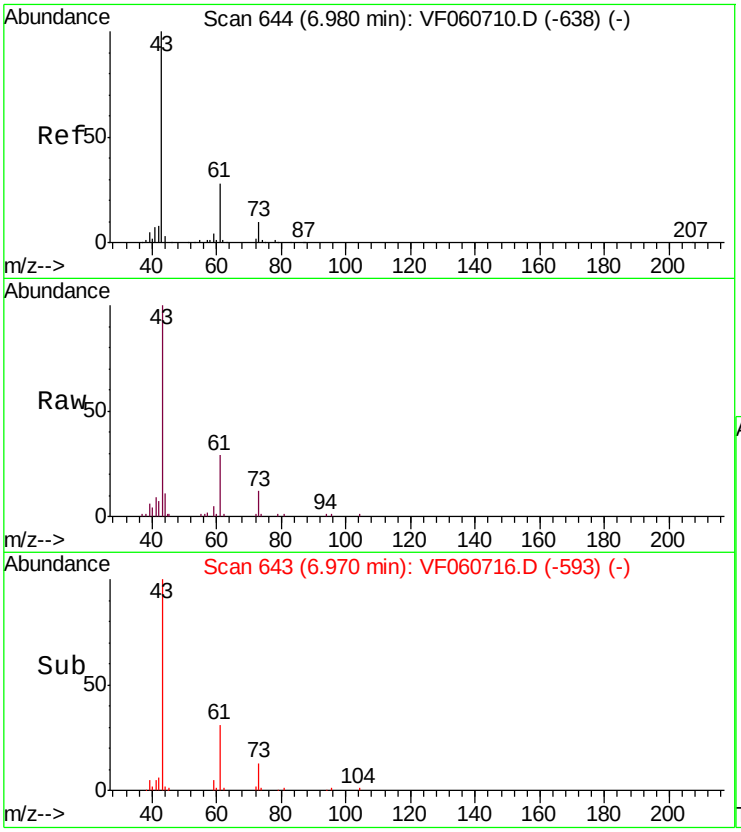




#42
1,2-Dichloroethane
Concen: 20.522 ug/l
RT: 4.95 min Scan# 438
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 62 Resp: 66191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.9 | 0.0 | 16.6 |



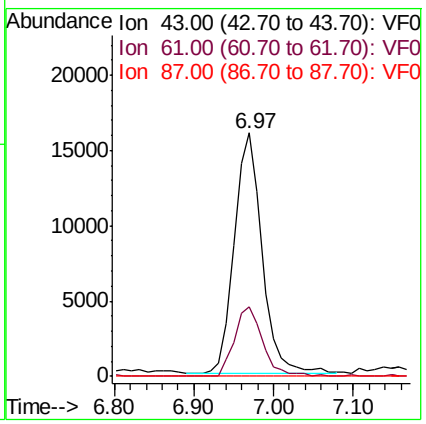


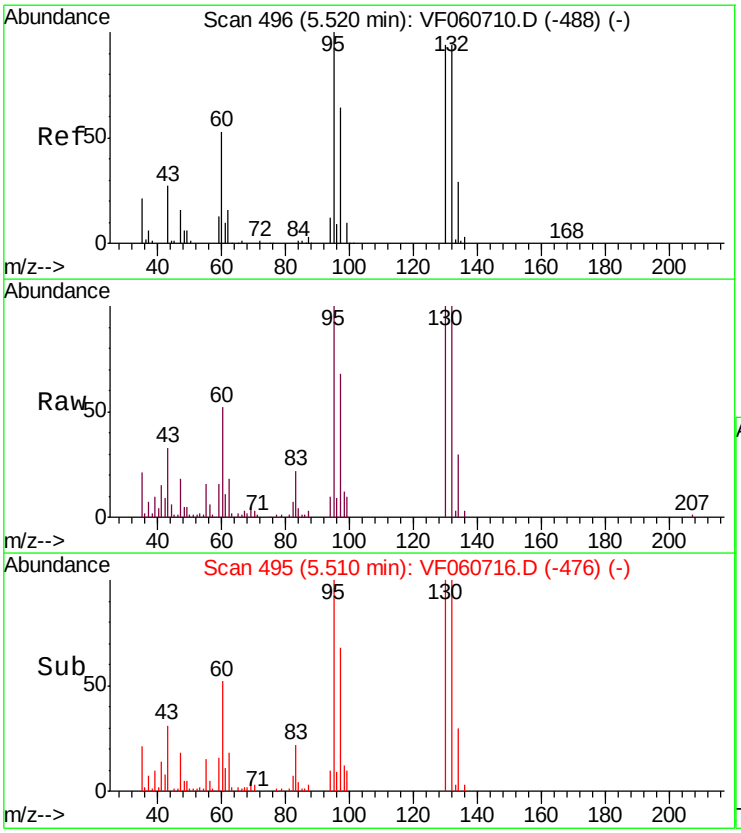

#43
Isopropyl Acetate
Concen: 18.921 ug/l
RT: 6.97 min Scan# 643
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 43 Resp: 39051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 28.8 | 22.2 | 33.4 |
| 87 | 0.0 | 0.4 | 0.6# |

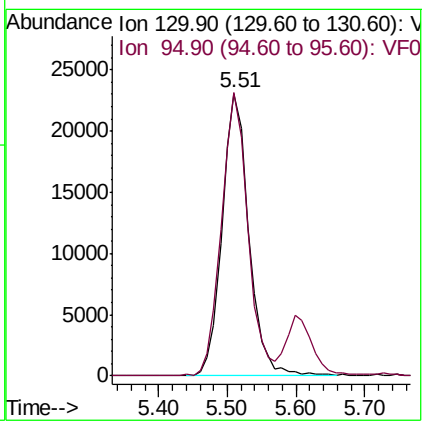


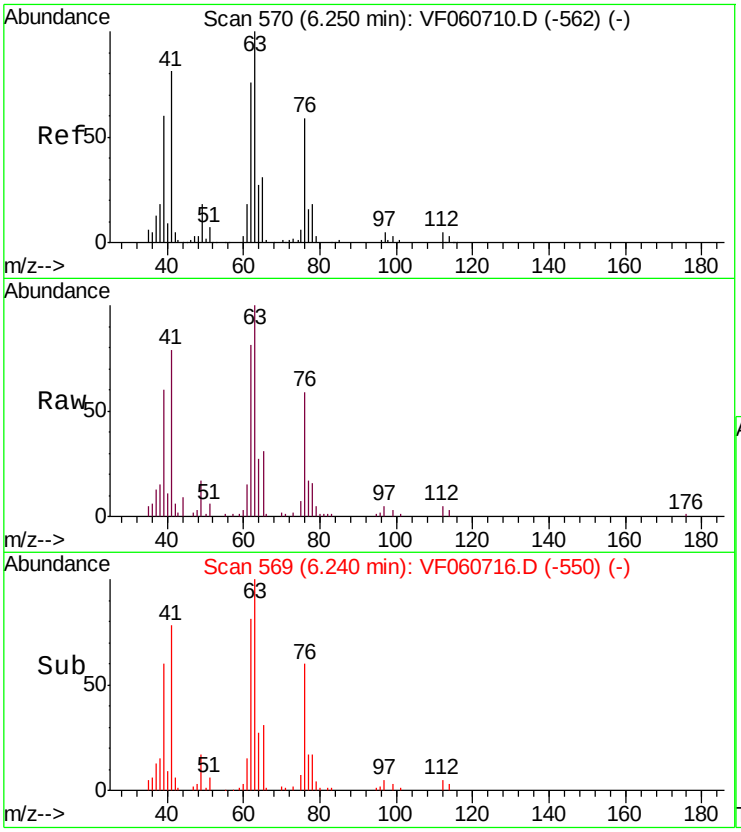




#44
Trichloroethene
Concen: 21.083 ug/l
RT: 5.51 min Scan# 495
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:130 Resp: 62084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 100.2 | 0.0 | 212.6 |



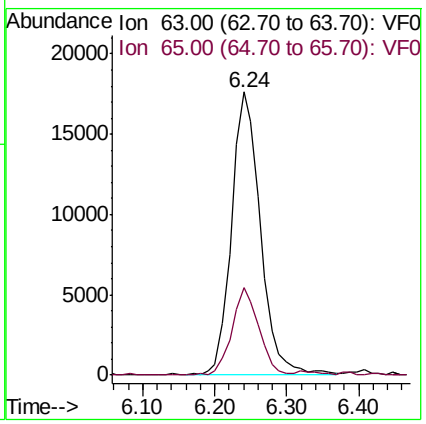


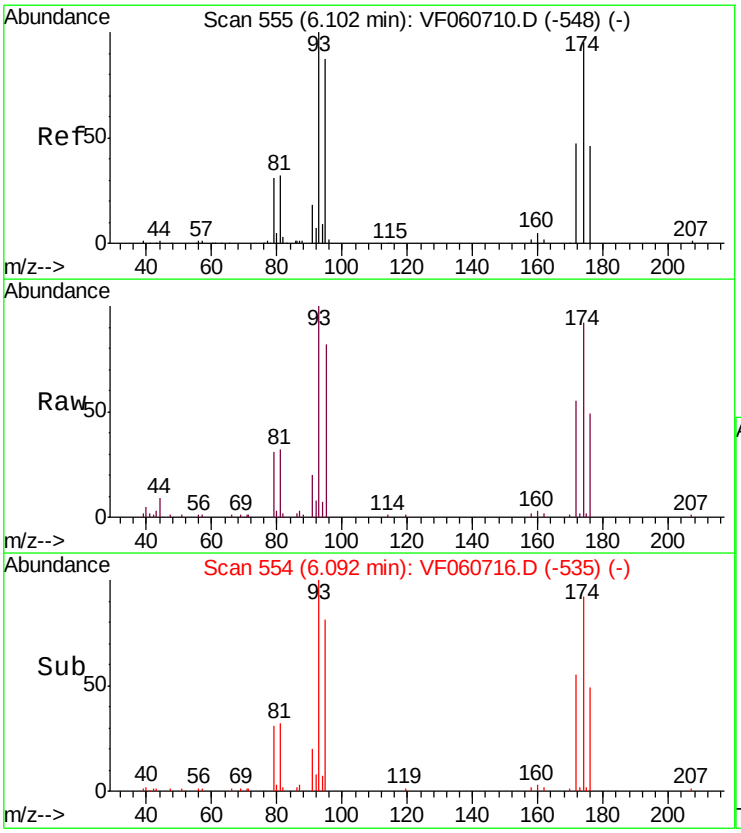

#45
1,2-Dichloropropane
Concen: 20.362 ug/l
RT: 6.24 min Scan# 569
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 63 Resp: 49453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.7 | 24.6 | 36.8 |

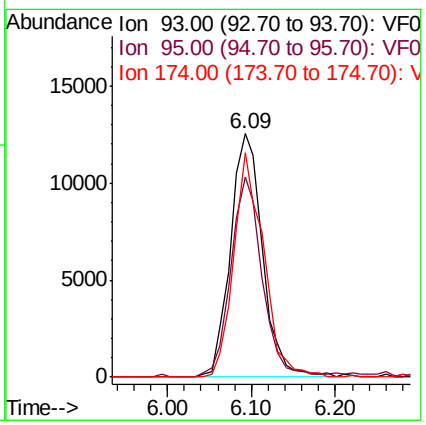


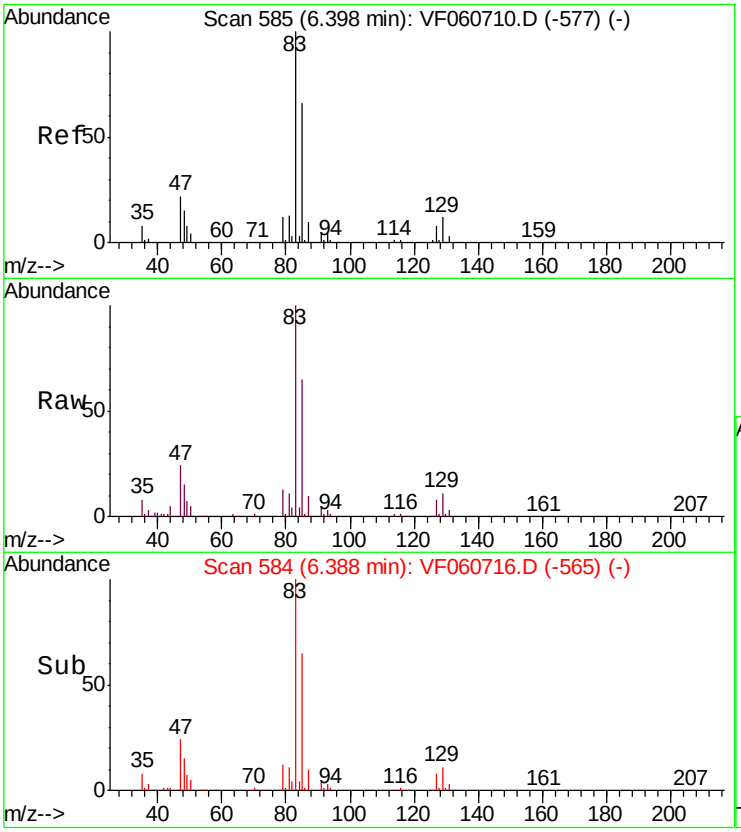




#46
Dibromomethane
Concen: 20.796 ug/l
RT: 6.09 min Scan# 554
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 93 Resp: 33340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.2 | 69.5 | 104.3 |
| 174 | 94.1 | 76.2 | 114.2 |



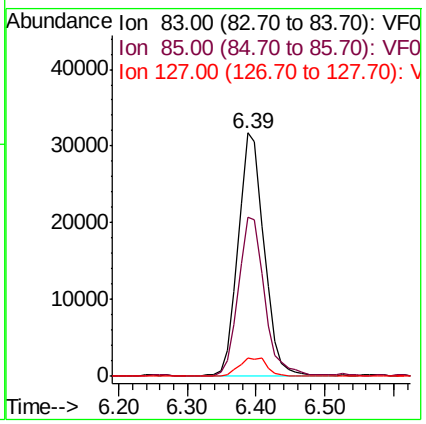


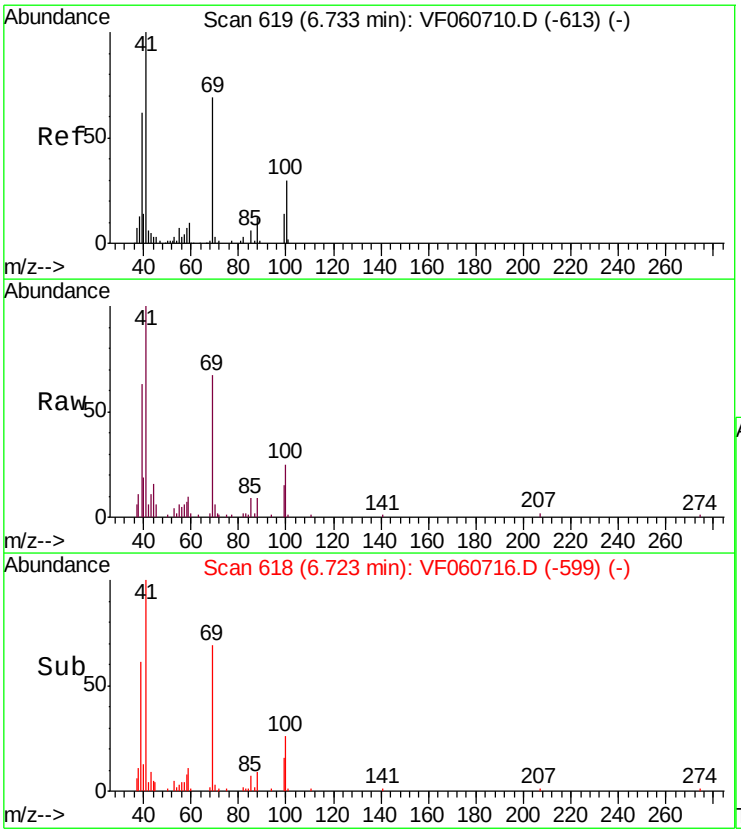

#47
Bromodichloromethane
Concen: 20.378 ug/l
RT: 6.39 min Scan# 584
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 83 Resp: 83429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.1 | 52.4 | 78.6 |
| 127 | 7.7 | 6.8 | 10.2 |

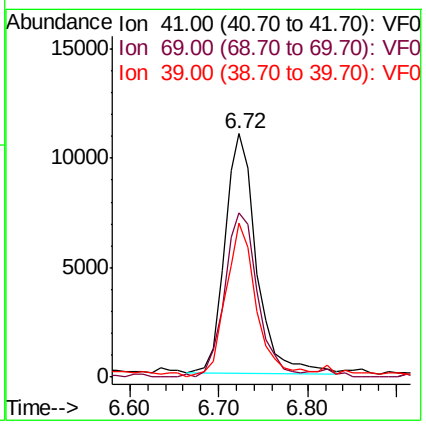


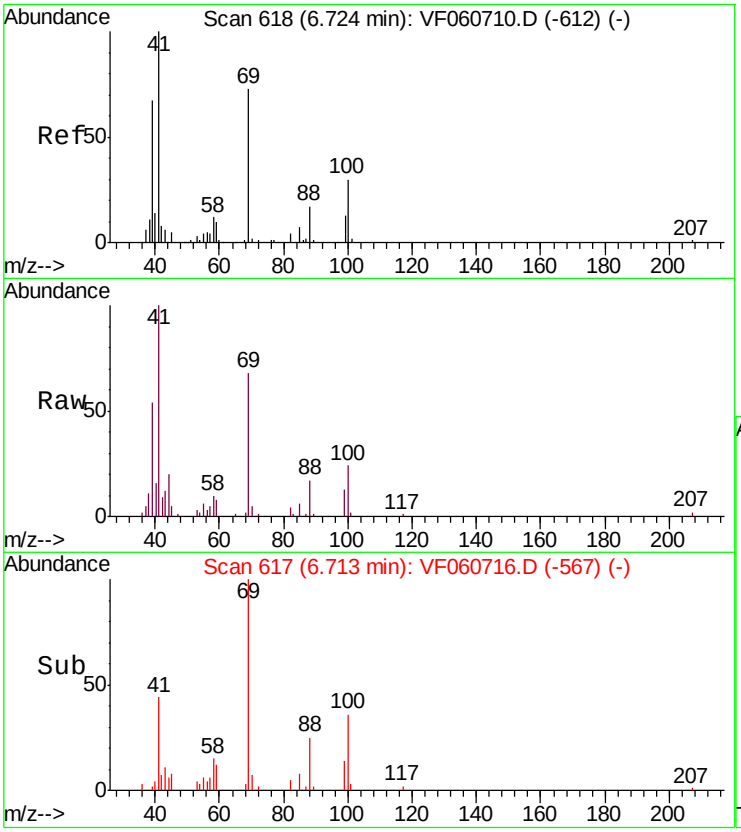




#48
Methyl methacrylate
Concen: 19.908 ug/l
RT: 6.72 min Scan# 618
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 41 Resp: 27193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 67.4 | 54.9 | 82.3 |
| 39 | 63.2 | 49.6 | 74.4 |



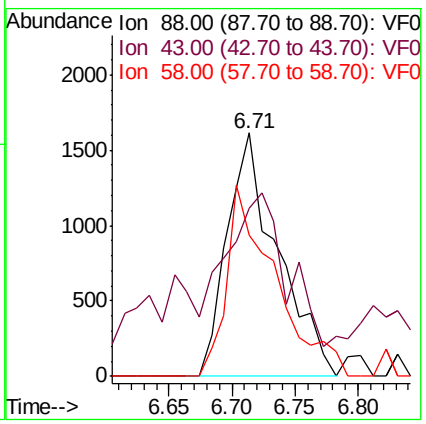


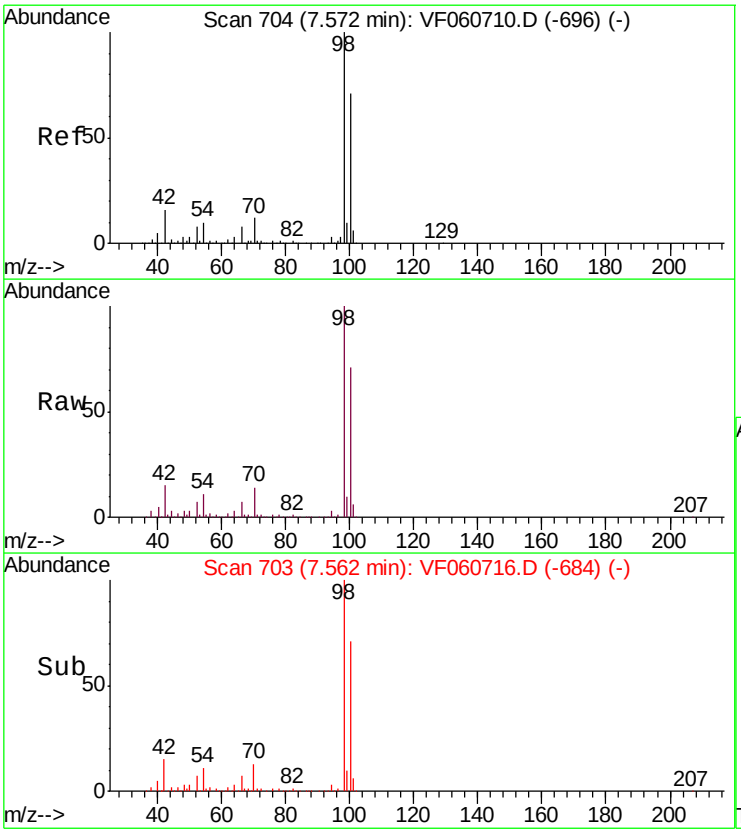

#49
1,4-Dioxane
Concen: 349.755 ug/l
RT: 6.71 min Scan# 617
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 88 Resp: 4468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 69.0 | 44.6 | 66.8# |
| 58 | 58.0 | 54.5 | 81.7 |

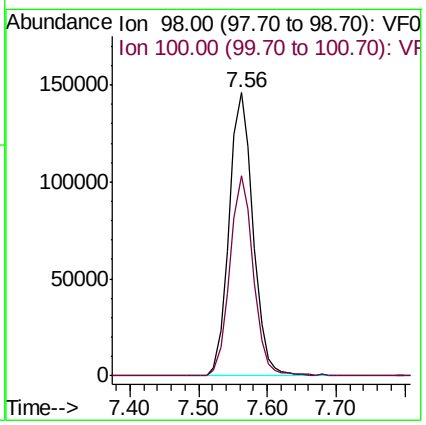


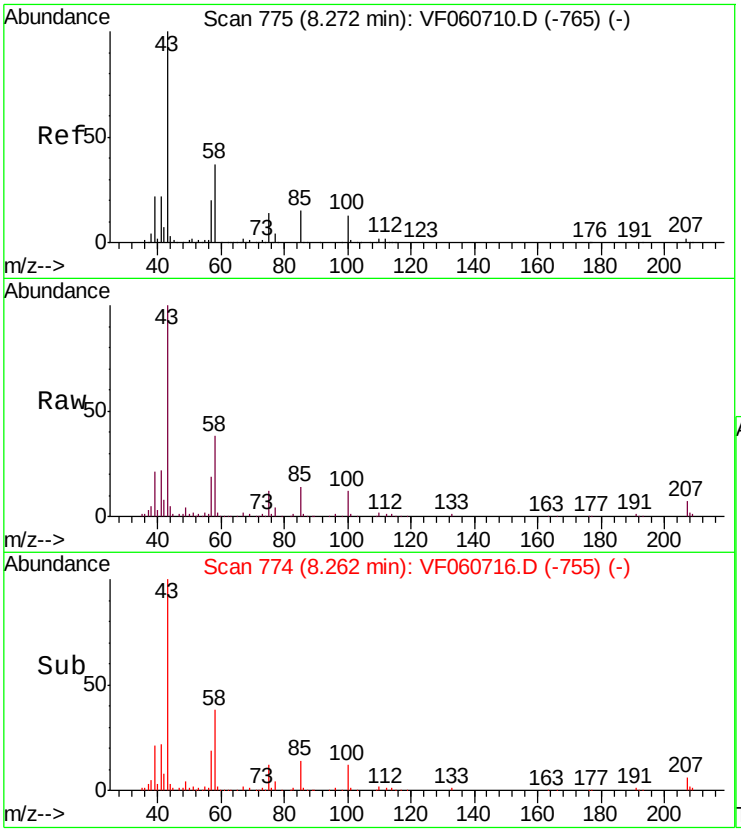




#50
Toluene-d8
Concen: 50.608 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 98 Resp: 352116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 70.7 | 56.5 | 84.7 |



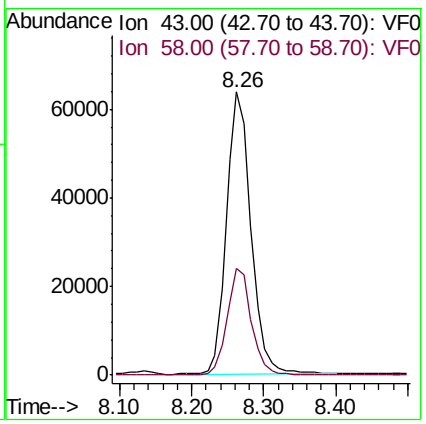


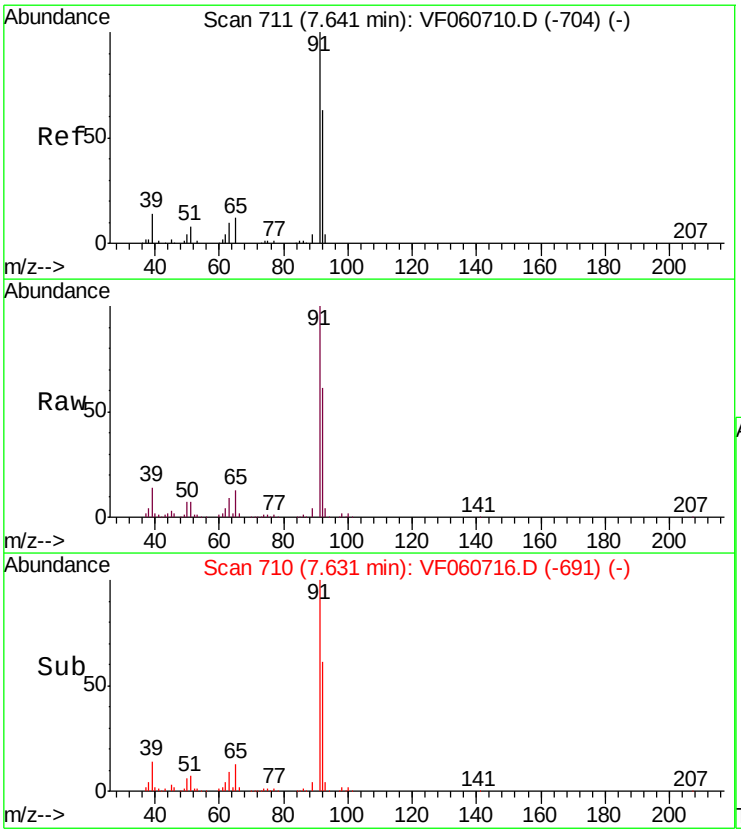

#51
4-Methyl-2-Pentanone
Concen: 100.614 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 43 Resp: 150187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.6 | 29.2 | 43.8 |

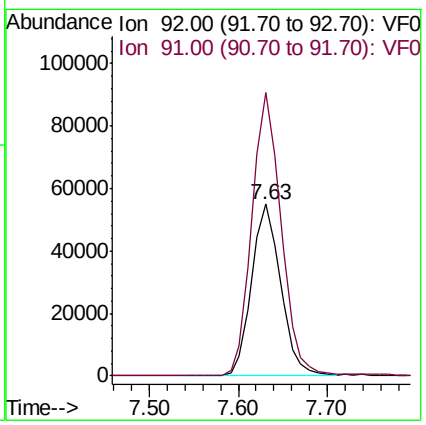


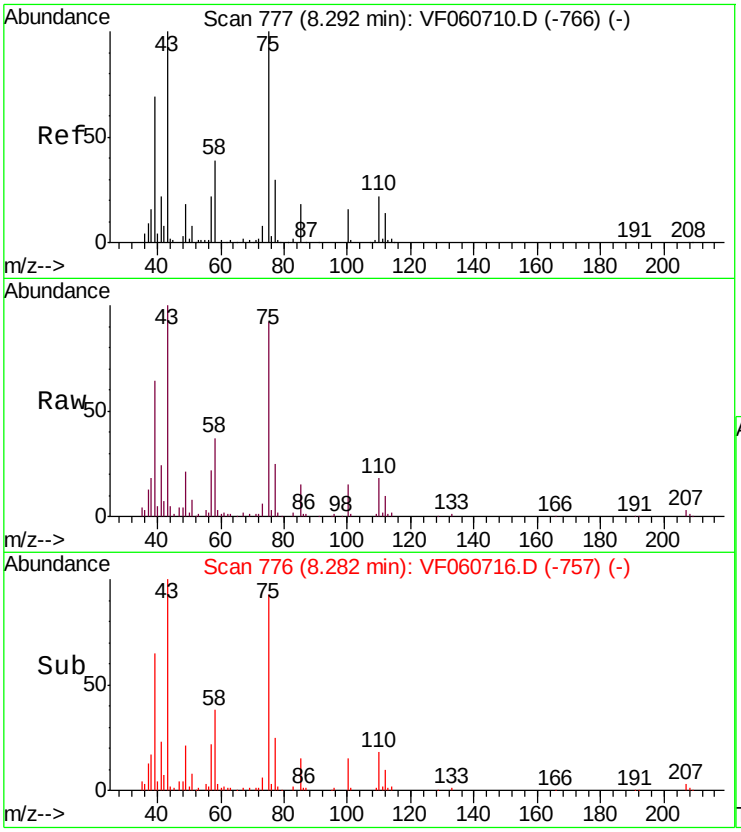




#52
Toluene
Concen: 19.826 ug/l
RT: 7.63 min Scan# 710
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 92 Resp: 123999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 164.8 | 126.7 | 190.1 |



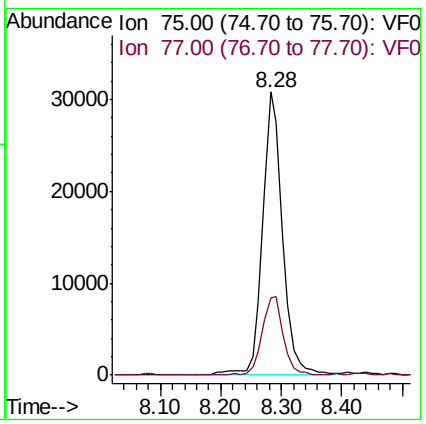


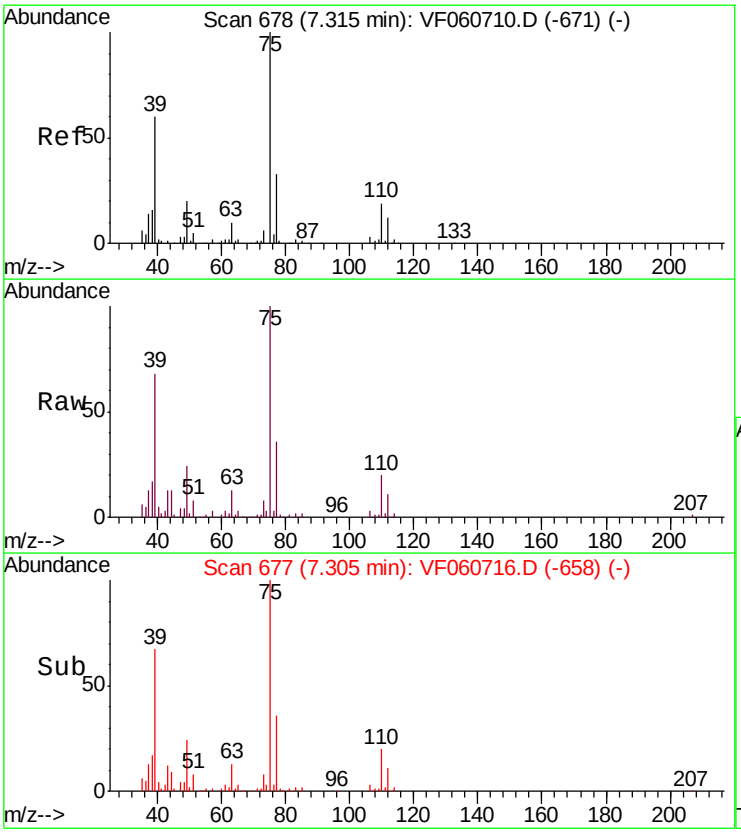

#53
t-1,3-Dichloropropene
Concen: 21.760 ug/l
RT: 8.28 min Scan# 776
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 75 Resp: 71353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 27.3 | 24.6 | 36.8 |

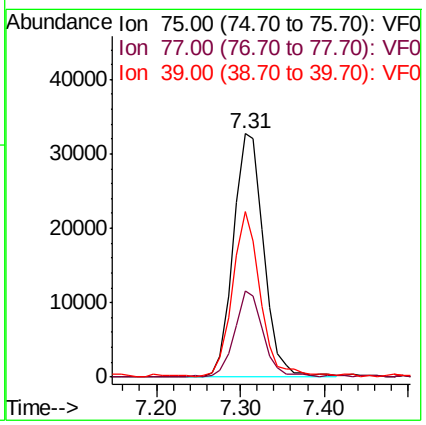


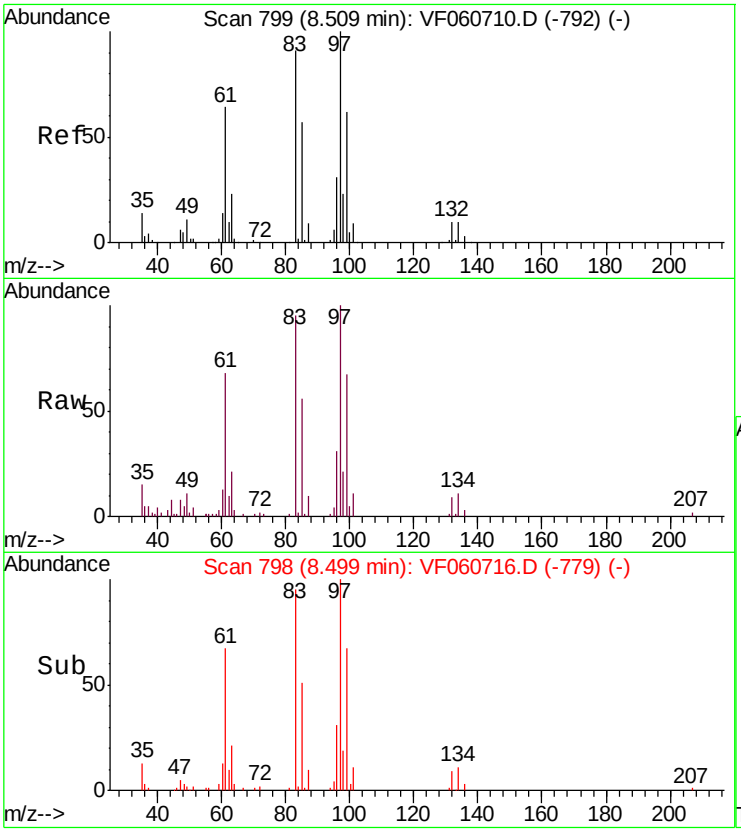




#54
cis-1,3-Dichloropropene
Concen: 19.277 ug/l
RT: 7.31 min Scan# 677
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 75 Resp: 82108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.5 | 26.5 | 39.7 |
| 39 | 68.2 | 48.5 | 72.7 |



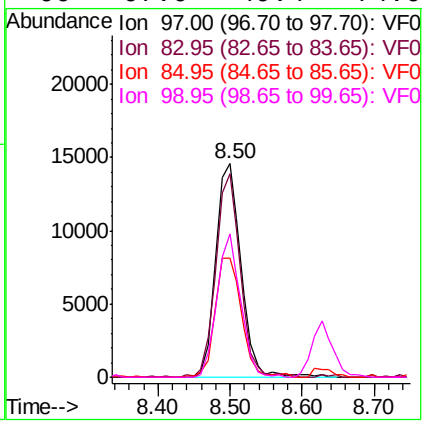


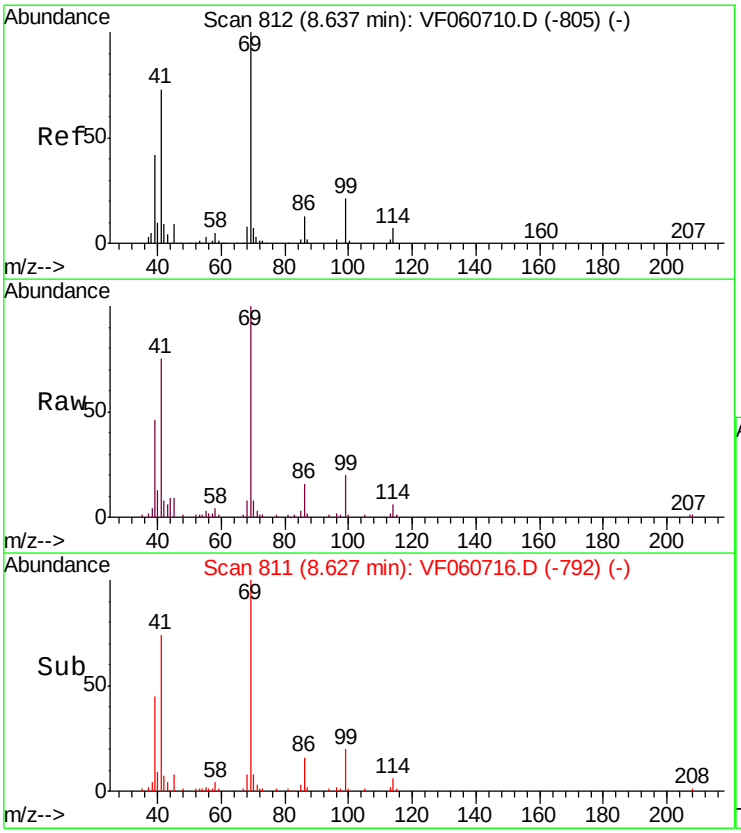

#55
1,1,2-Trichloroethane
Concen: 19.675 ug/l
RT: 8.50 min Scan# 798
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 97 Resp: 35159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 95.3 | 72.8 | 109.2 |
| 85 | 55.5 | 45.8 | 68.6 |
| 99 | 67.0 | 49.4 | 74.0 |

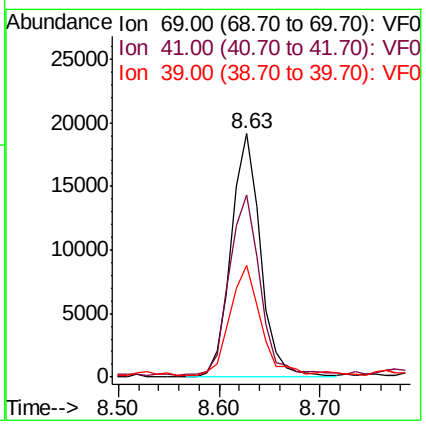


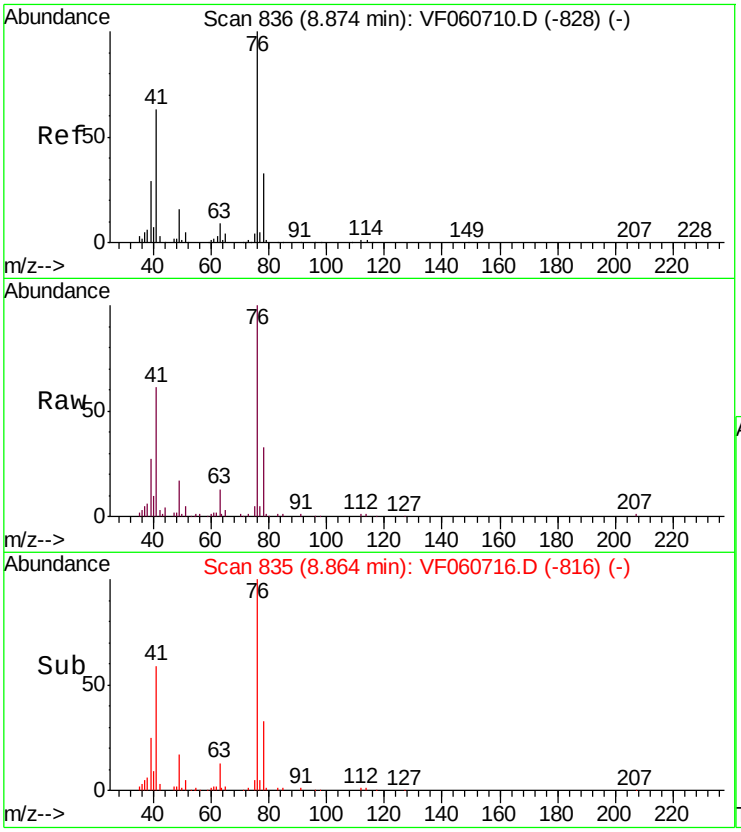




#56
Ethyl methacrylate
Concen: 19.161 ug/l
RT: 8.63 min Scan# 811
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 69 Resp: 38888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 74.9 | 59.0 | 88.6 |
| 39 | 46.1 | 34.0 | 51.0 |



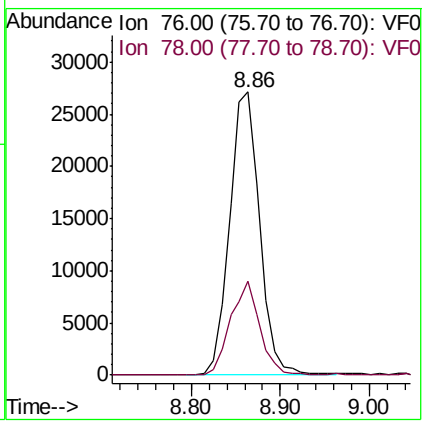


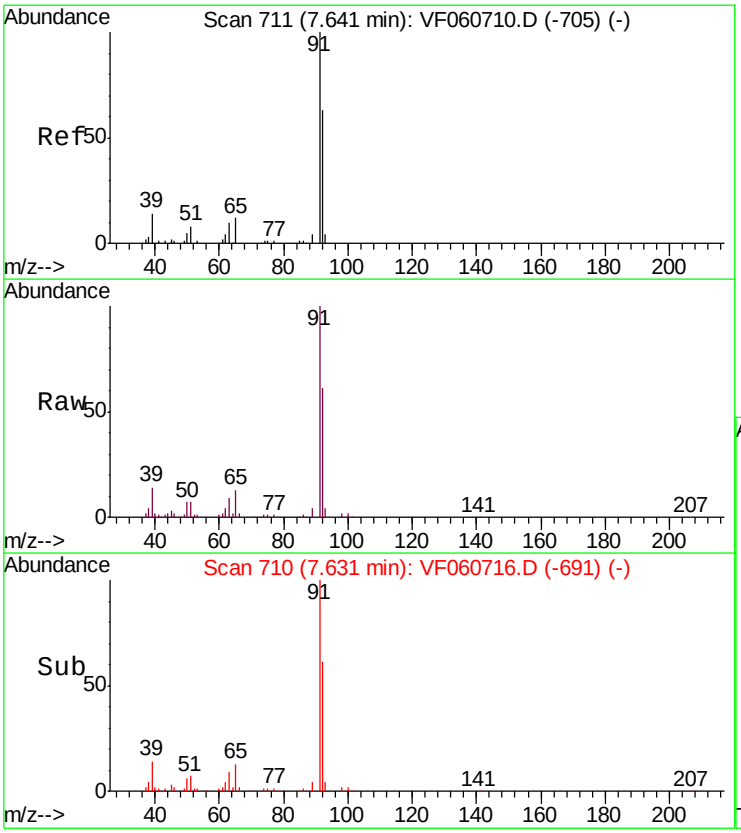

#57
1,3-Dichloropropane
Concen: 20.670 ug/l
RT: 8.86 min Scan# 835
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 76 Resp: 64017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.3 | 26.6 | 39.8 |

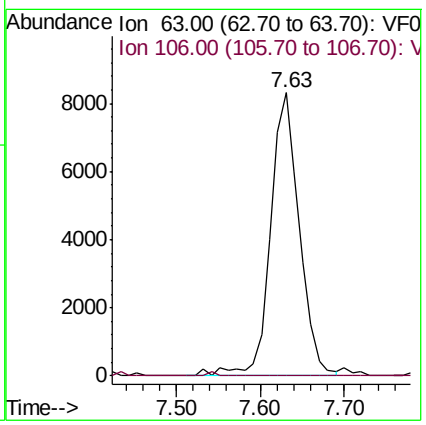


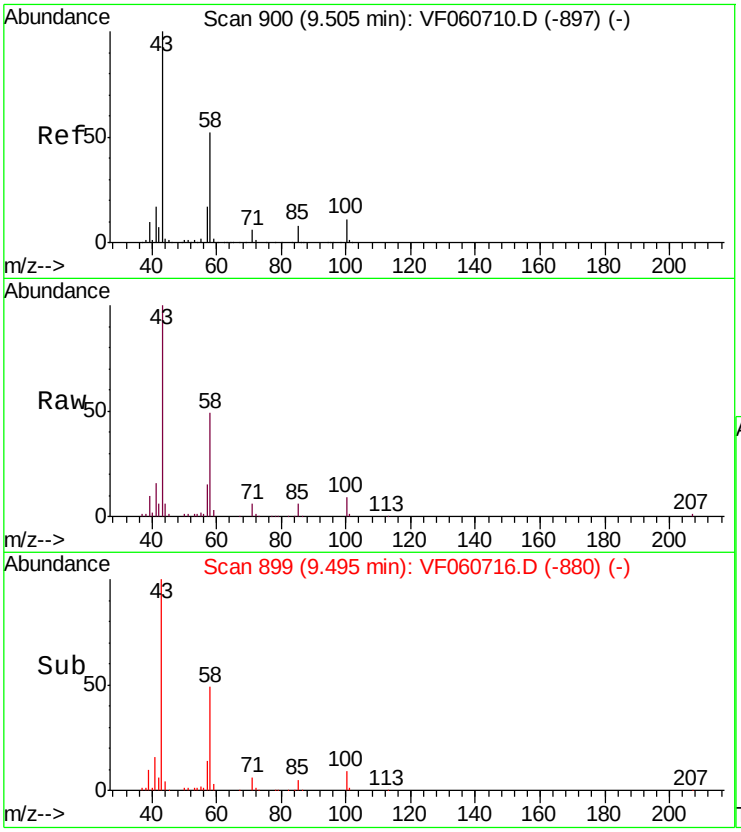




#58
2-Chloroethyl Vinyl ether
Concen: 107.041 ug/l
RT: 7.63 min Scan# 710
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 63 Resp: 19845

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



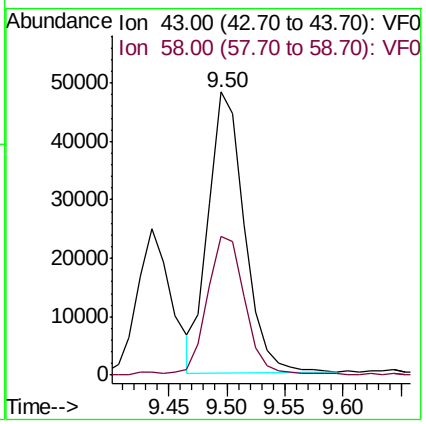


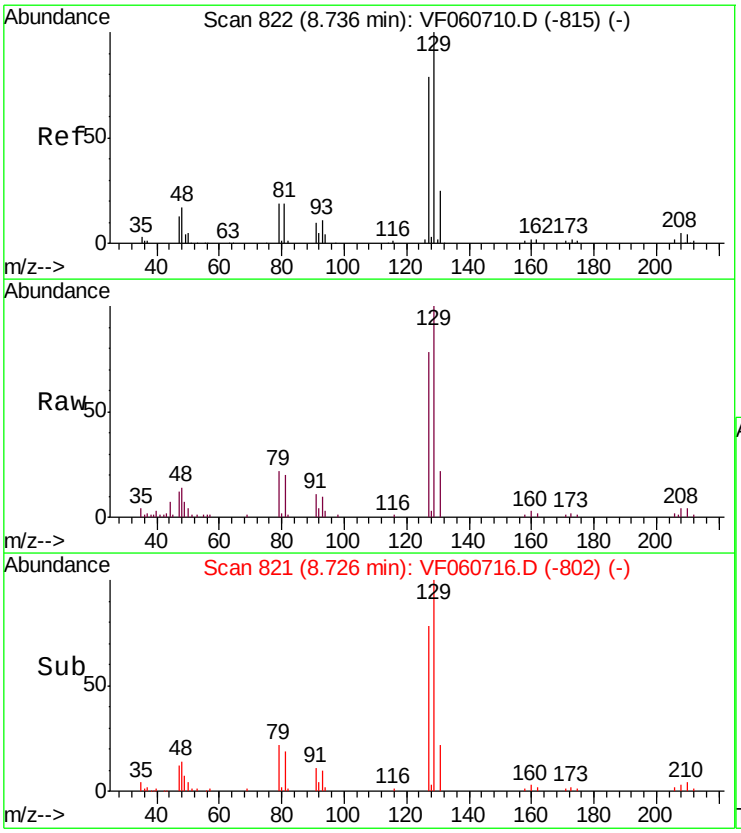

#59
2-Hexanone
Concen: 98.751 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 43 Resp: 103593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 49.0 | 24.9 | 74.7 |

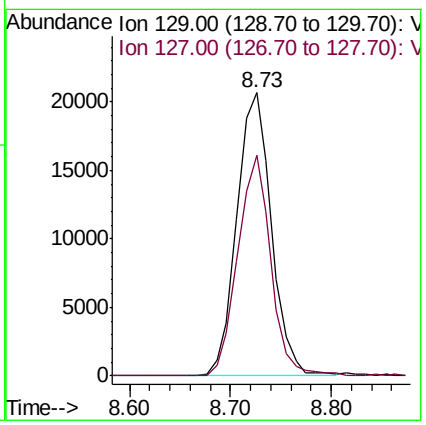


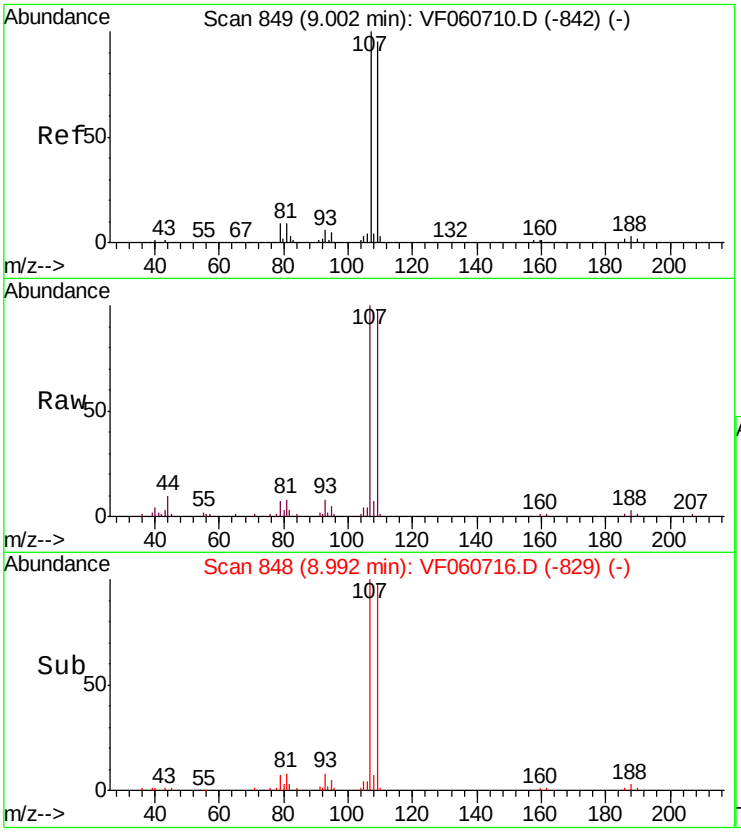




#60
Dibromochloromethane
Concen: 19.428 ug/l
RT: 8.73 min Scan# 821
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:129 Resp: 49480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.8 | 39.7 | 119.1 |



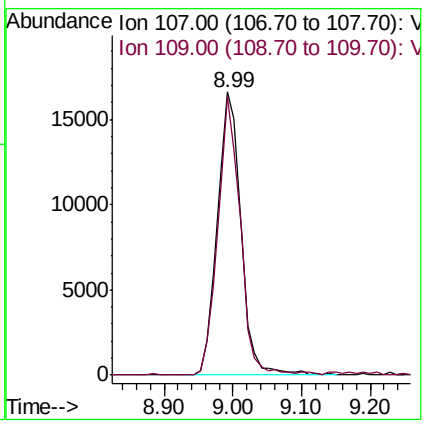


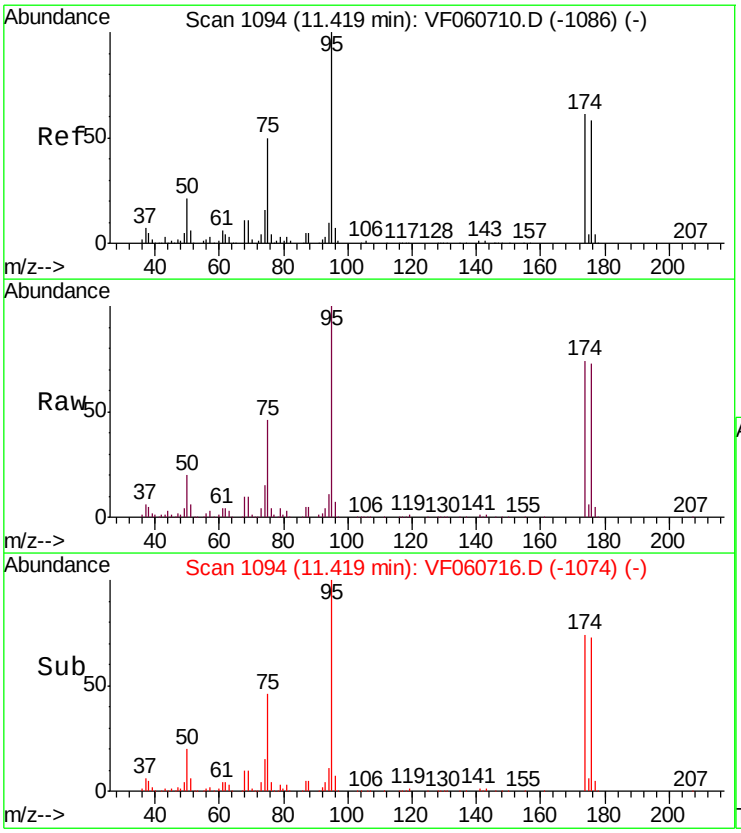

#61
1,2-Dibromoethane
Concen: 21.011 ug/l
RT: 8.99 min Scan# 848
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion:107 Resp: 39489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 98.2 | 75.9 | 113.9 |

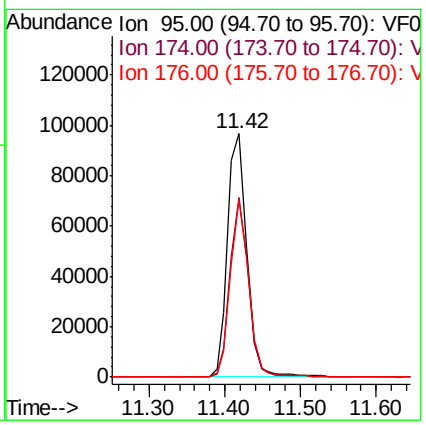


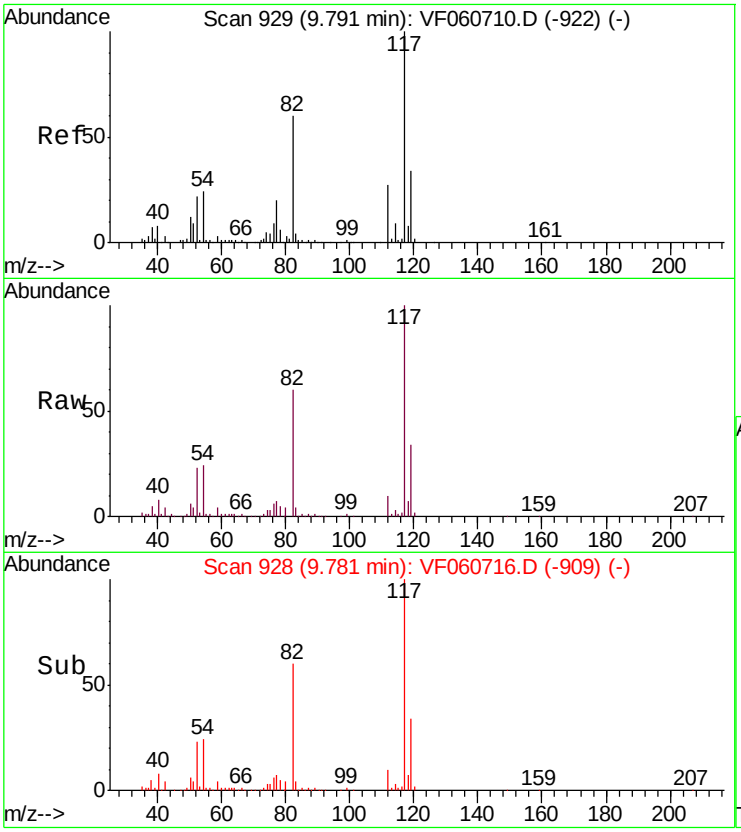




#62
4-Bromofluorobenzene
Concen: 53.625 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 95 Resp: 171271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.5 | 0.0 | 121.6 |
| 176 | 72.6 | 0.0 | 115.2 |



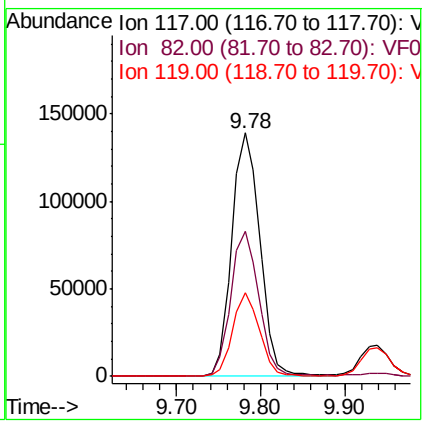


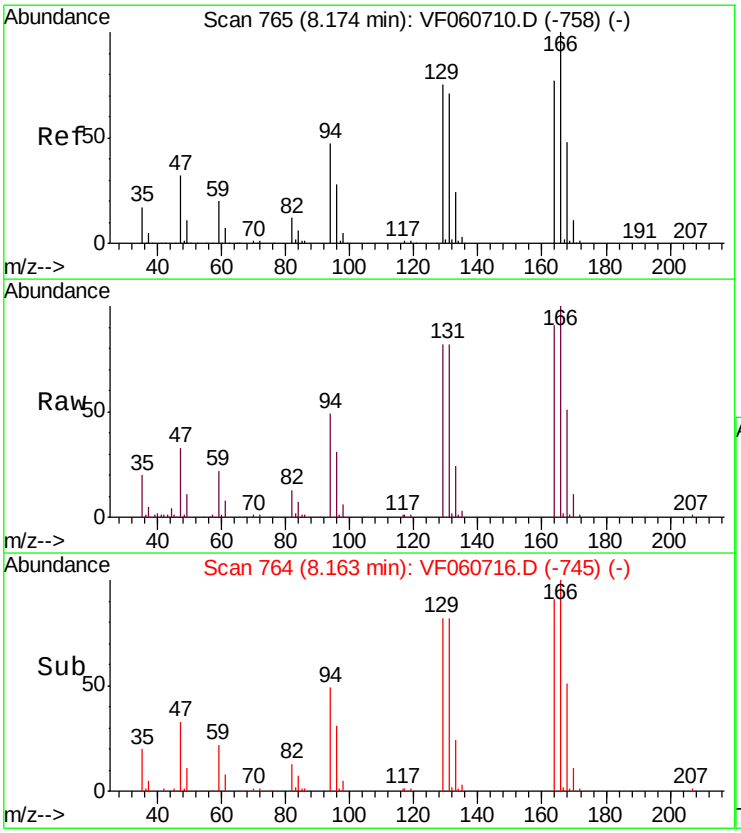

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion:117 Resp: 326432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 59.8 | 47.9 | 71.9 |
| 119 | 34.1 | 26.8 | 40.2 |

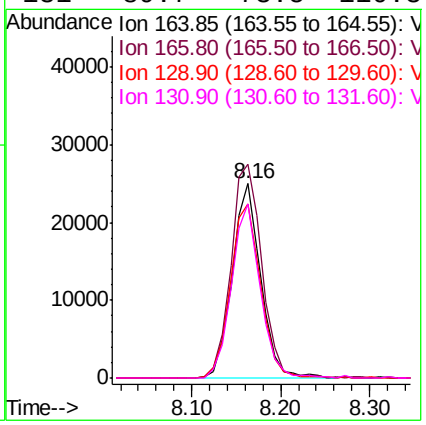


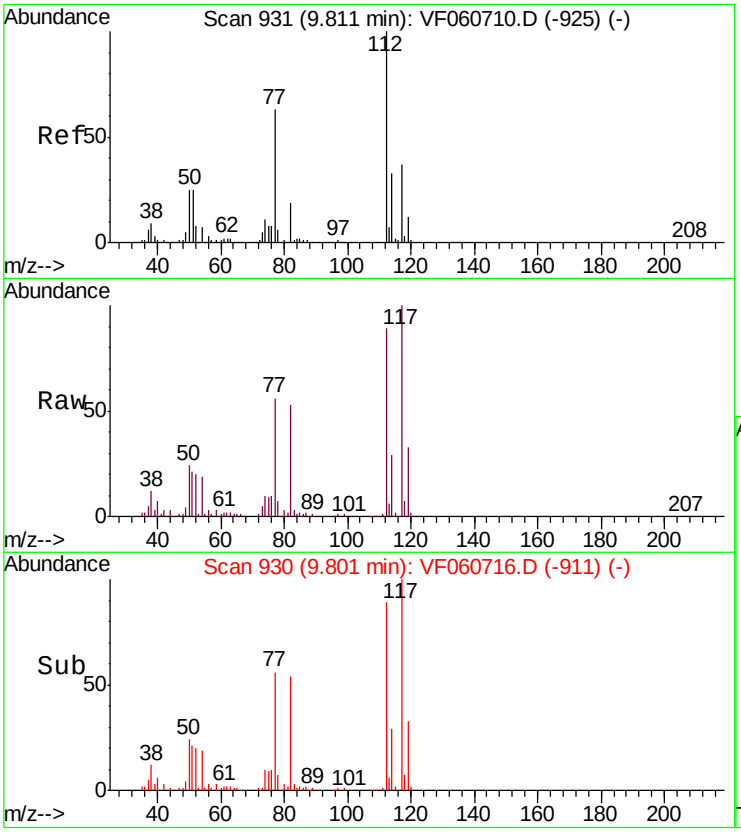




#64
Tetrachloroethene
Concen: 21.473 ug/l
RT: 8.16 min Scan# 764
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:164 Resp: 55507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 110.0 | 103.5 | 155.3 |
| 129 | 89.7 | 77.4 | 116.2 |
| 131 | 89.7 | 73.5 | 110.3 |



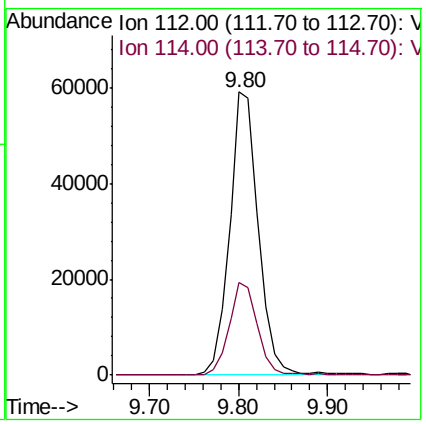


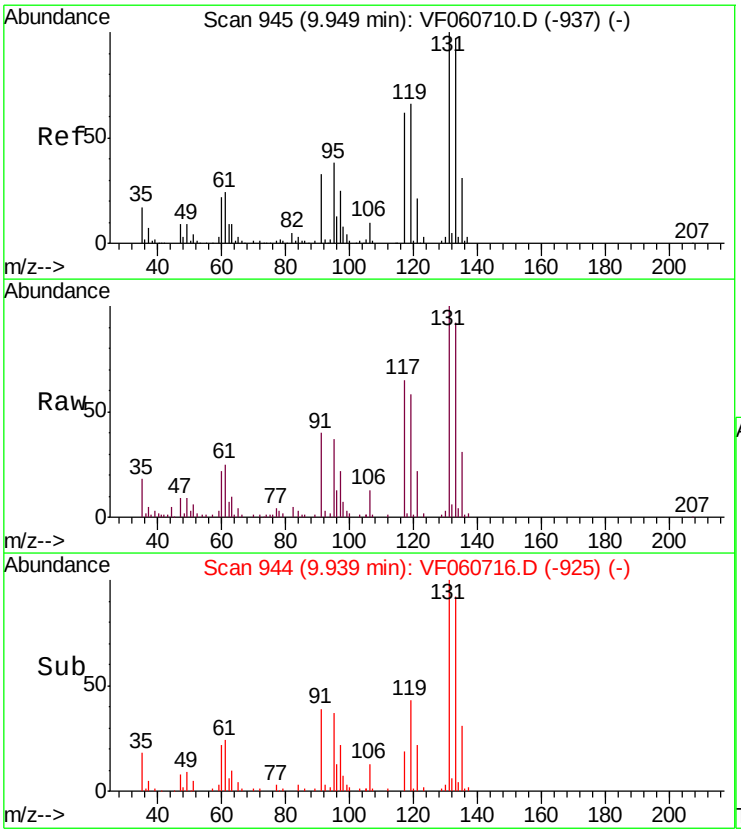

#65
Chlorobenzene
Concen: 20.209 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:112 Resp: 133121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.5 | 26.1 | 39.1 |

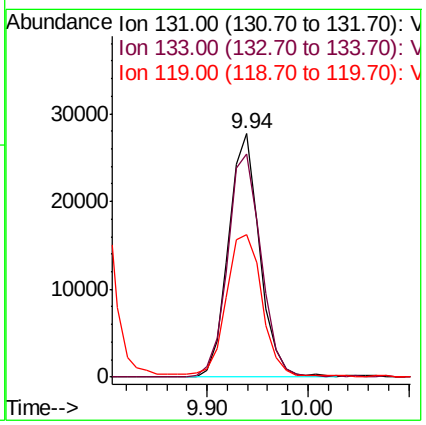


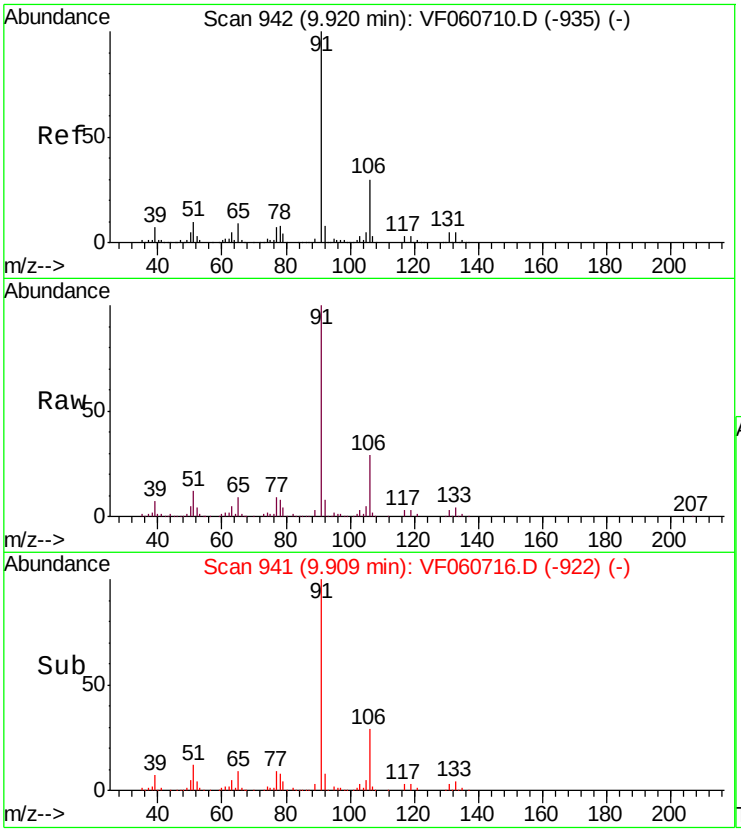




#66
1,1,1,2-Tetrachloroethane
Concen: 20.689 ug/l
RT: 9.94 min Scan# 944
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:131 Resp: 59442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 91.7 | 48.3 | 144.8 |
| 119 | 58.4 | 33.2 | 99.6 |



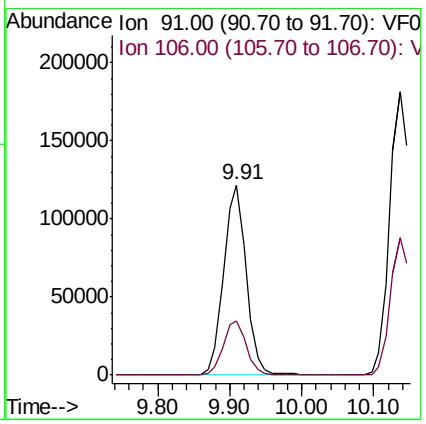


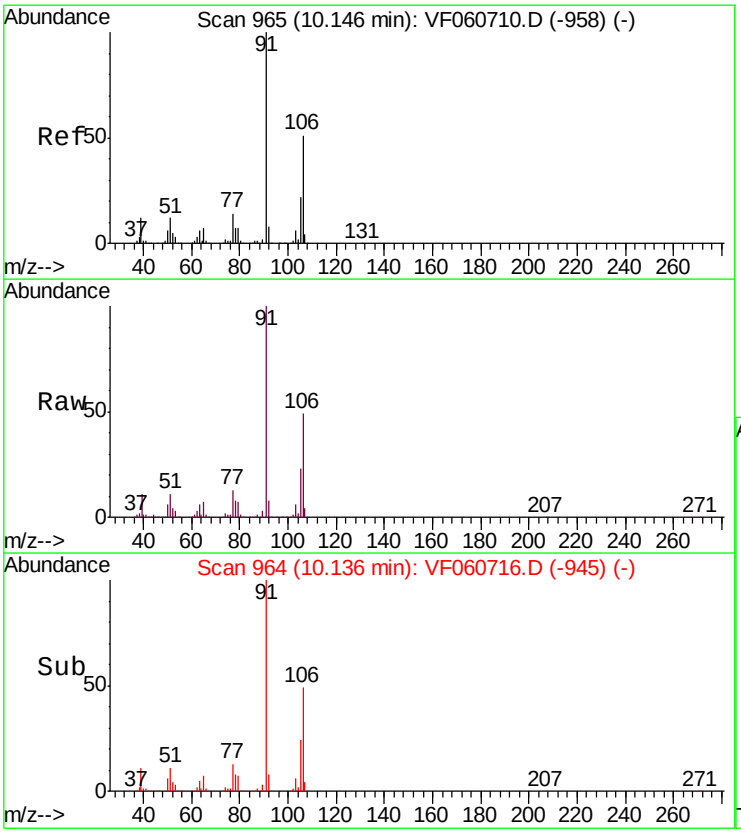

#67
Ethyl Benzene
Concen: 21.345 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 91 Resp: 265029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.9 | 23.9 | 35.9 |

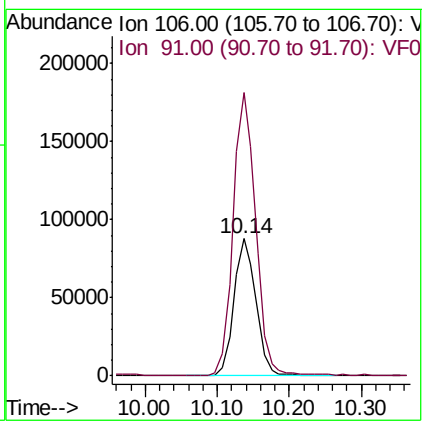


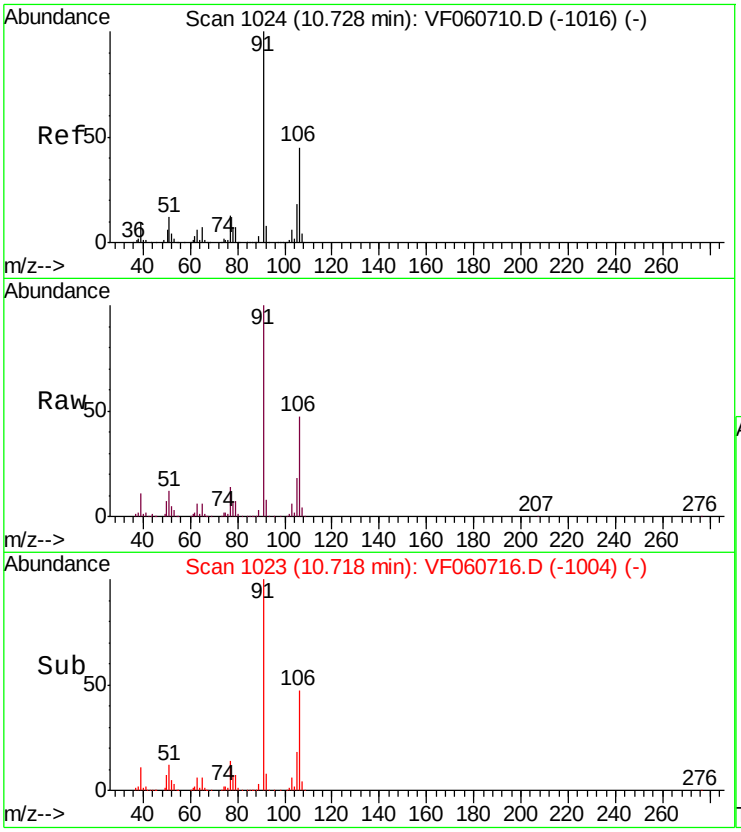




#68
m/p-Xylenes
Concen: 42.357 ug/l
RT: 10.14 min Scan# 964
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:106 Resp: 187950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 206.1 | 158.2 | 237.2 |



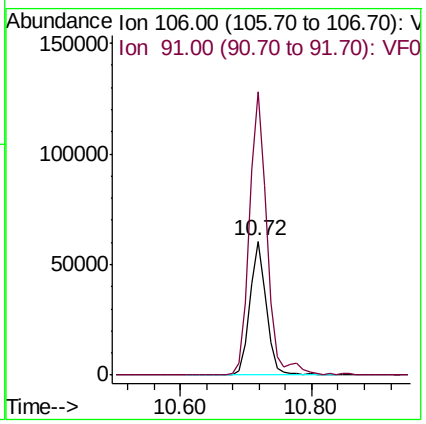


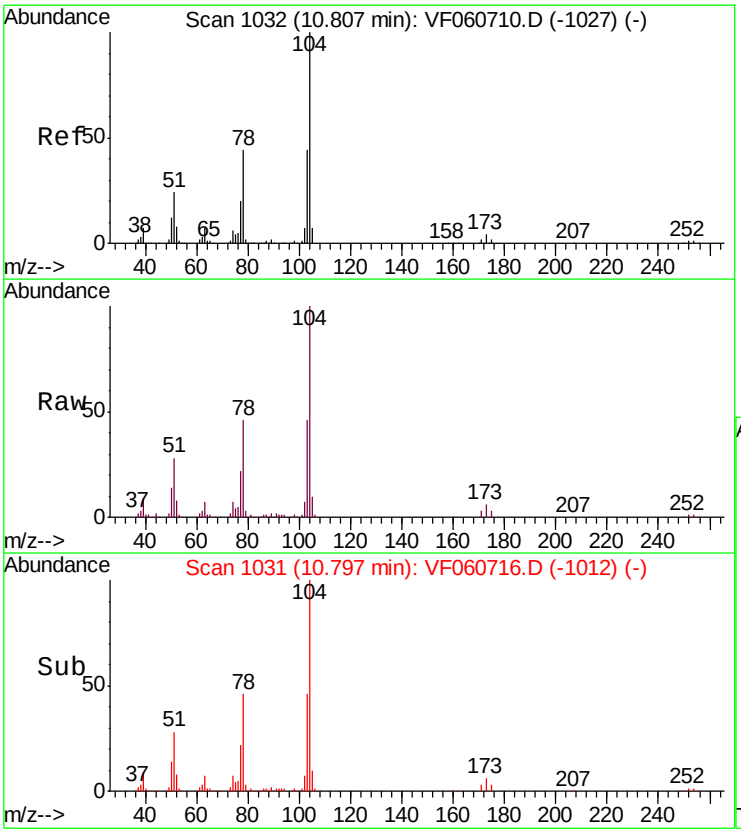

#69
o-Xylene
Concen: 21.276 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:106 Resp: 106142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.9 | 110.3 | 330.9 |

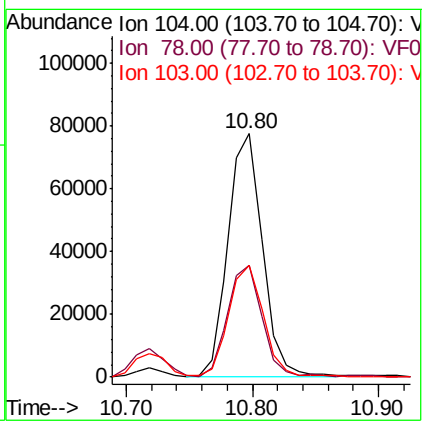


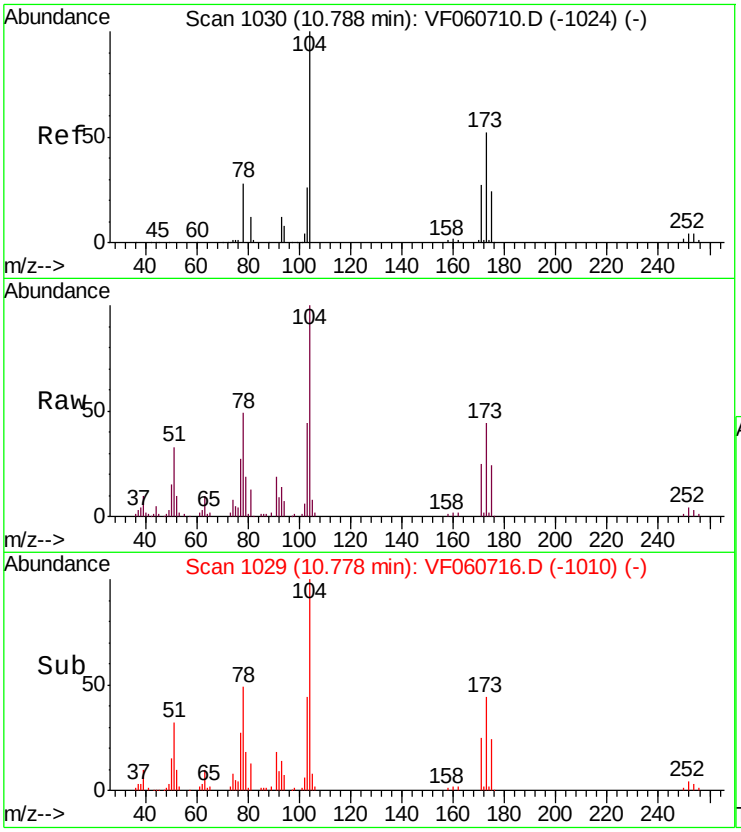




#70
Styrene
Concen: 21.468 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:104 Resp: 145347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 45.7 | 35.4 | 53.2 |
| 103 | 45.9 | 35.8 | 53.6 |



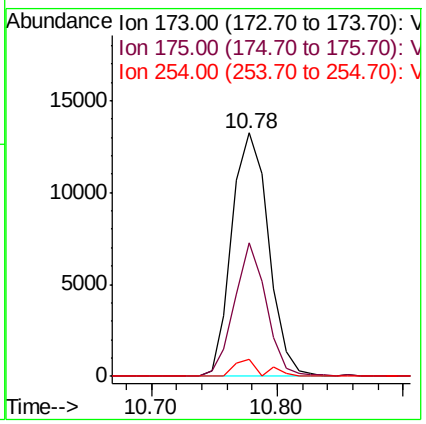


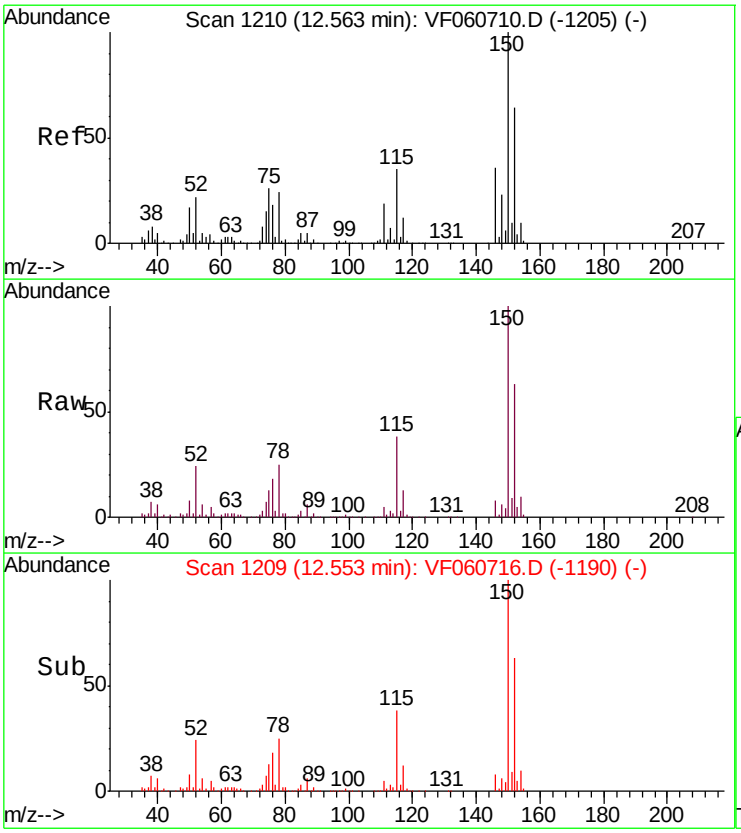

#71
Bromoform
Concen: 20.617 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion:173 Resp: 26637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 55.0 | 23.4 | 70.0 |
| 254 | 7.2 | 5.8 | 8.8 |

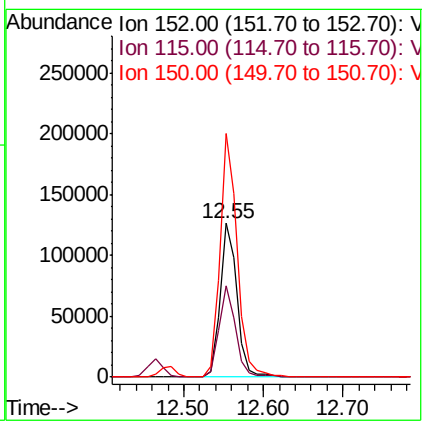


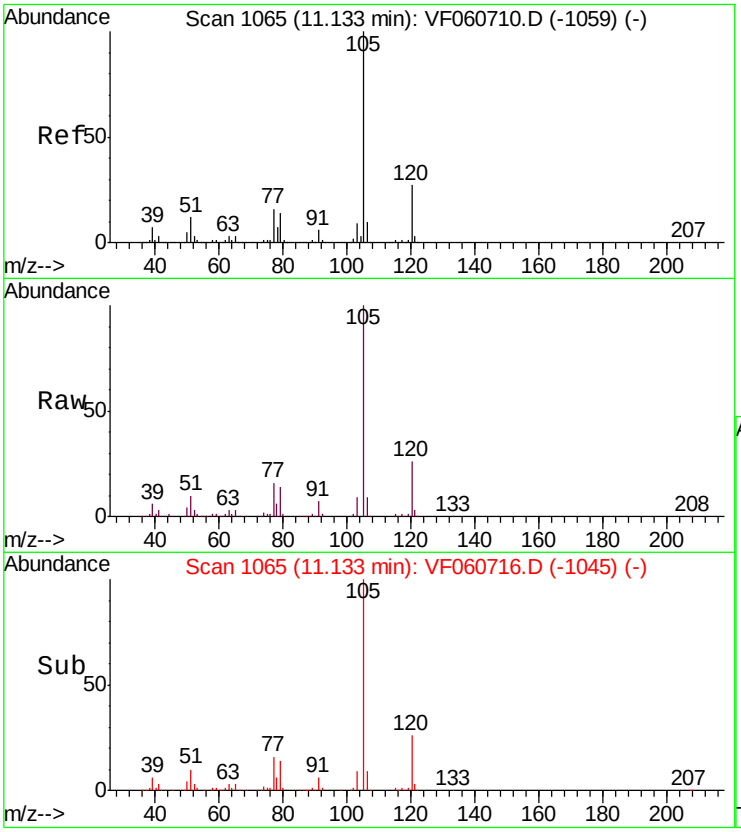




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:152 Resp: 189698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.6 | 27.9 | 83.7 |
| 150 | 158.7 | 0.0 | 316.4 |



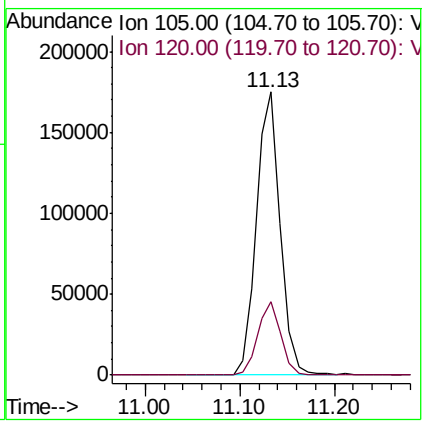


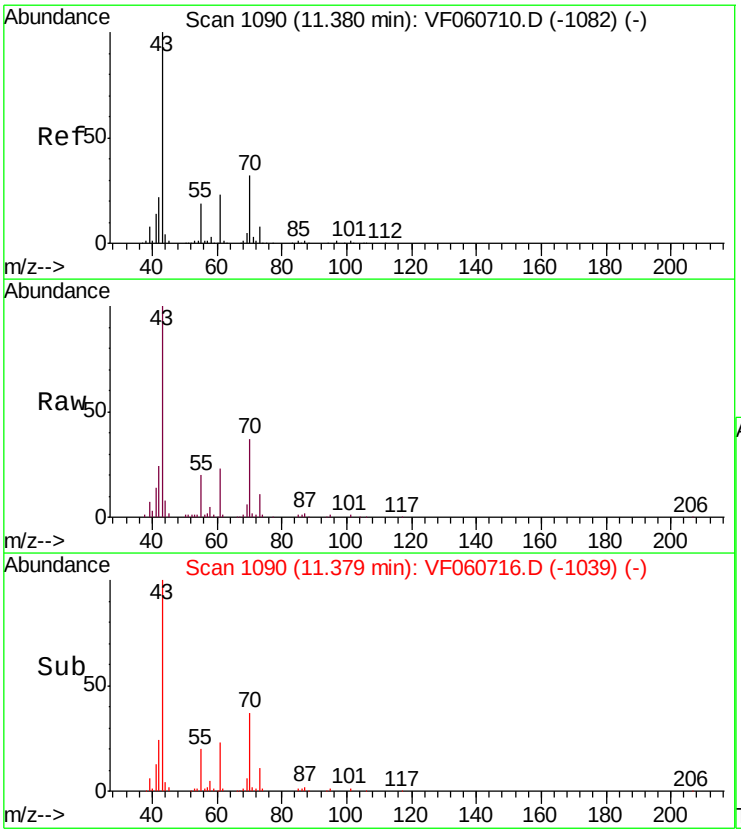

#73
Isopropylbenzene
Concen: 20.020 ug/l
RT: 11.13 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion:105 Resp: 305692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.9 | 13.4 | 40.1 |

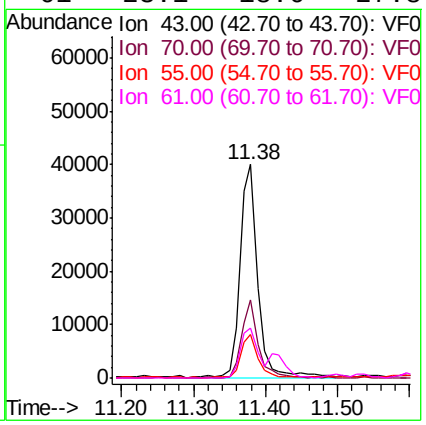


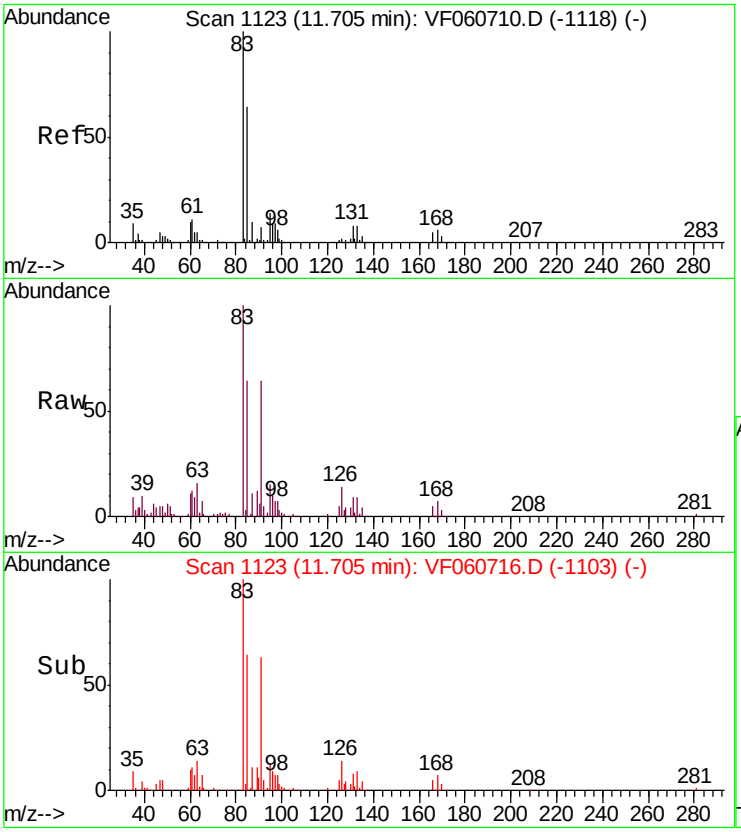




#74
N-amyl acetate
Concen: 19.597 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 43 Resp: 68120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 36.6 | 25.5 | 38.3 |
| 55 | 20.3 | 14.9 | 22.3 |
| 61 | 23.1 | 18.6 | 27.8 |



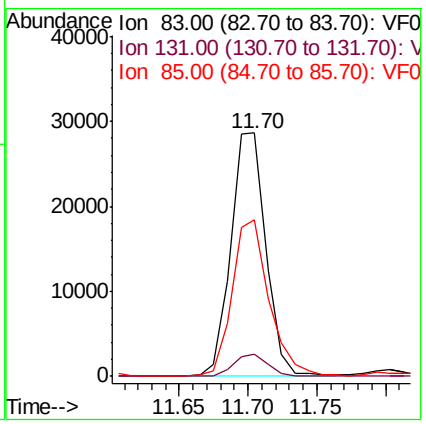


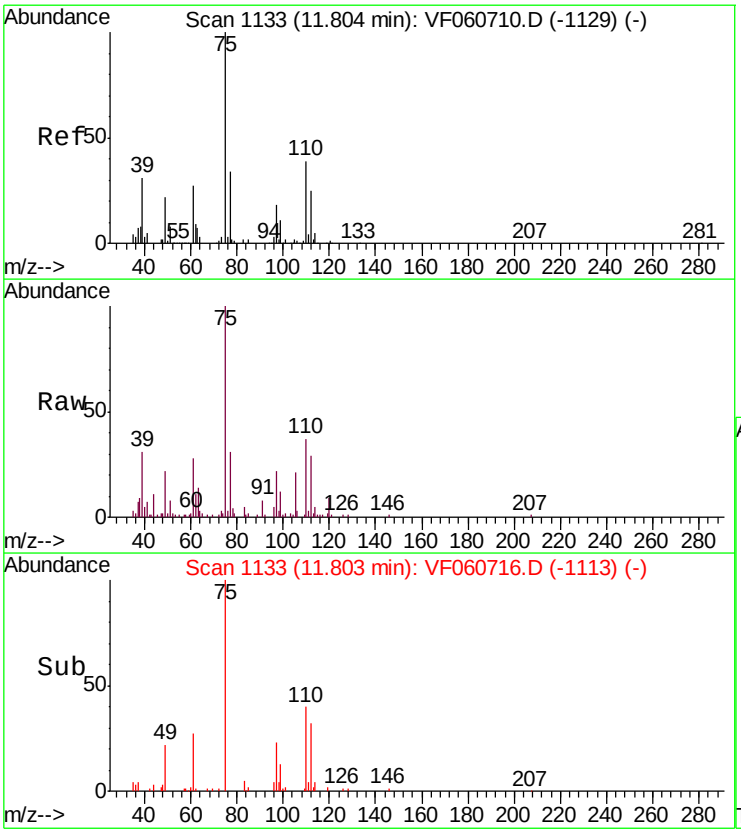

#75
1,1,2,2-Tetrachloroethane
Concen: 20.161 ug/l
RT: 11.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 83 Resp: 50896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.9 | 4.2 | 12.4 |
| 85 | 64.2 | 32.0 | 96.2 |

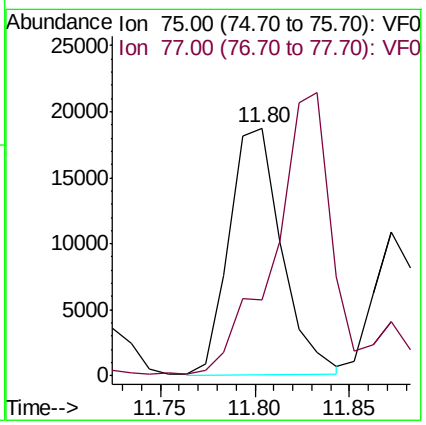


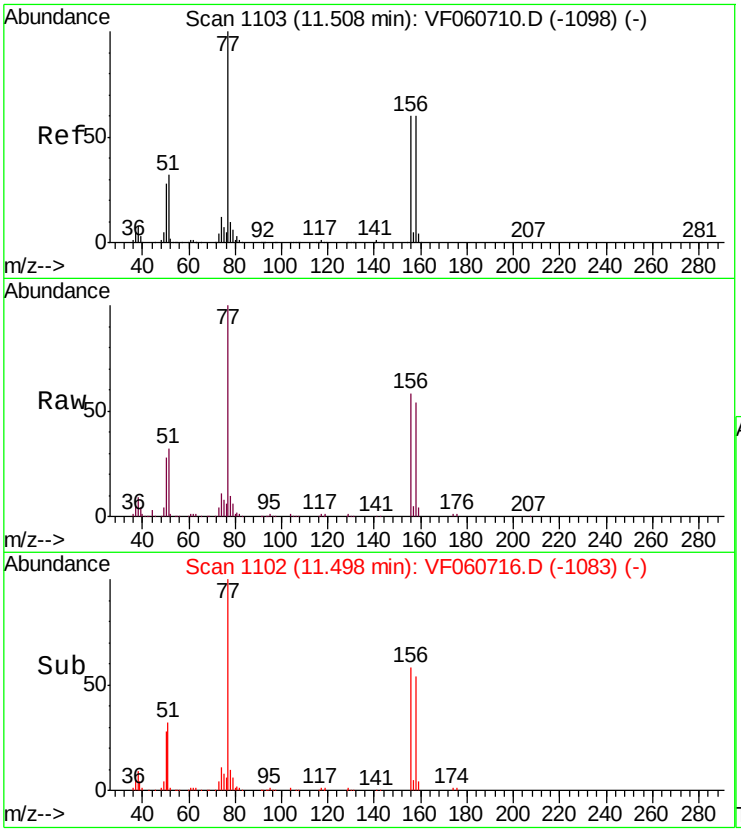




#76
1,2,3-Trichloropropane
Concen: 19.187 ug/l
RT: 11.80 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 75 Resp: 35974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.7 | 17.0 | 51.0 |



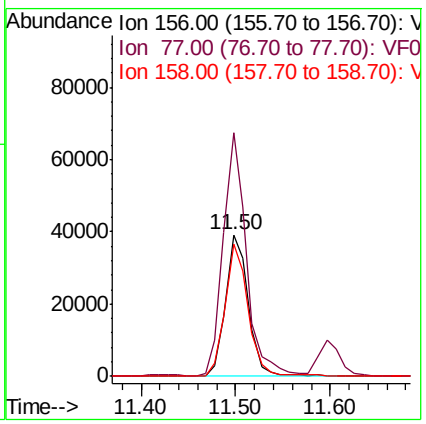


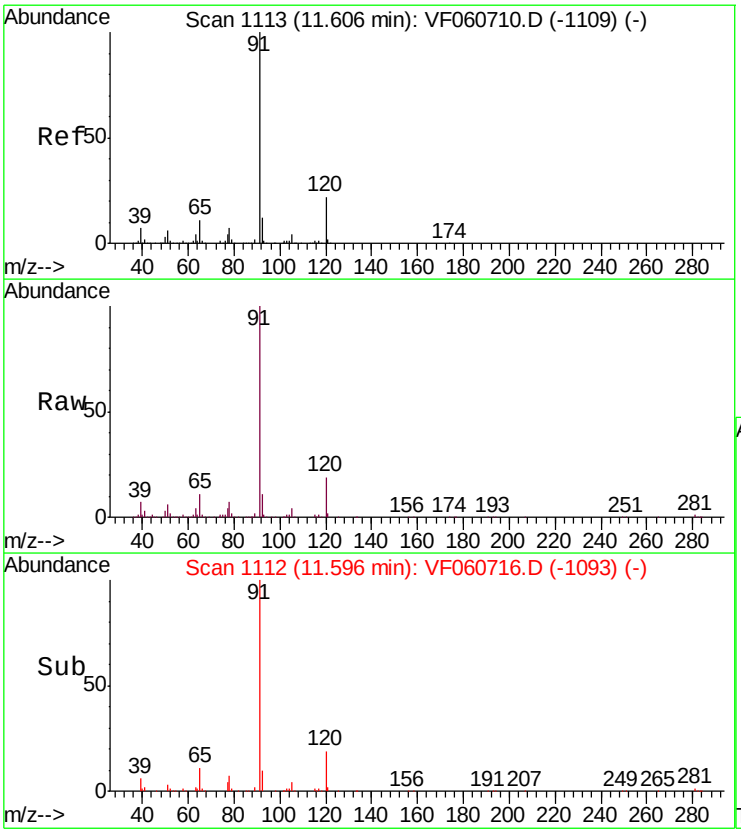

#77
Bromobenzene
Concen: 20.492 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:156 Resp: 65131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 172.1 | 83.0 | 248.9 |
| 158 | 93.1 | 49.6 | 149.0 |

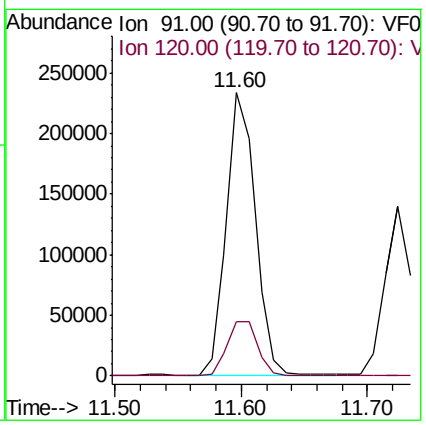


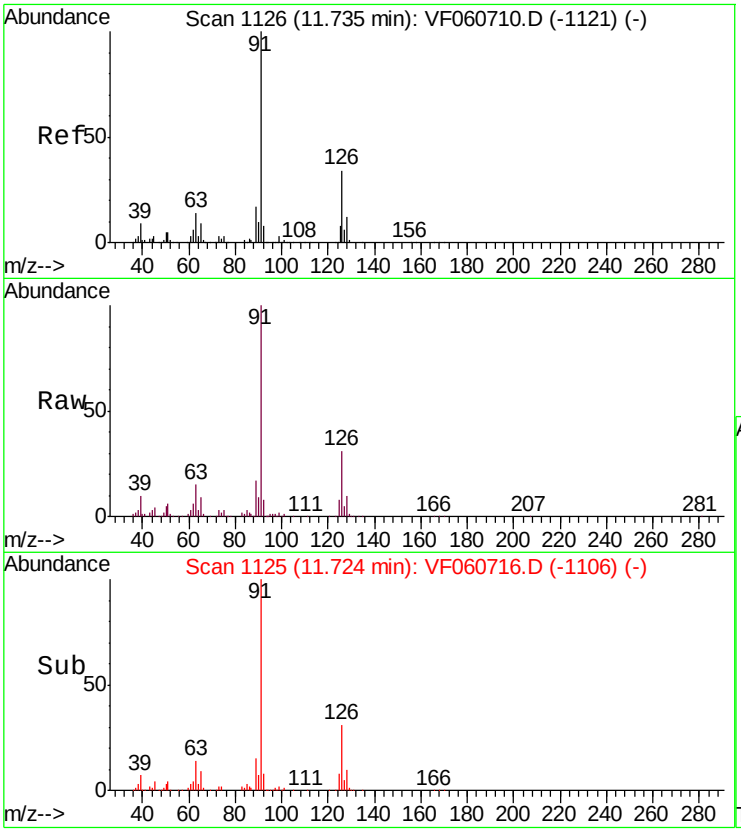




#78
n-propylbenzene
Concen: 20.967 ug/l
RT: 11.60 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 91 Resp: 373382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 19.3 | 11.2 | 33.5 |



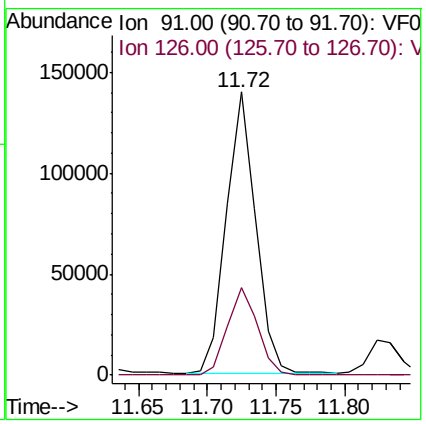


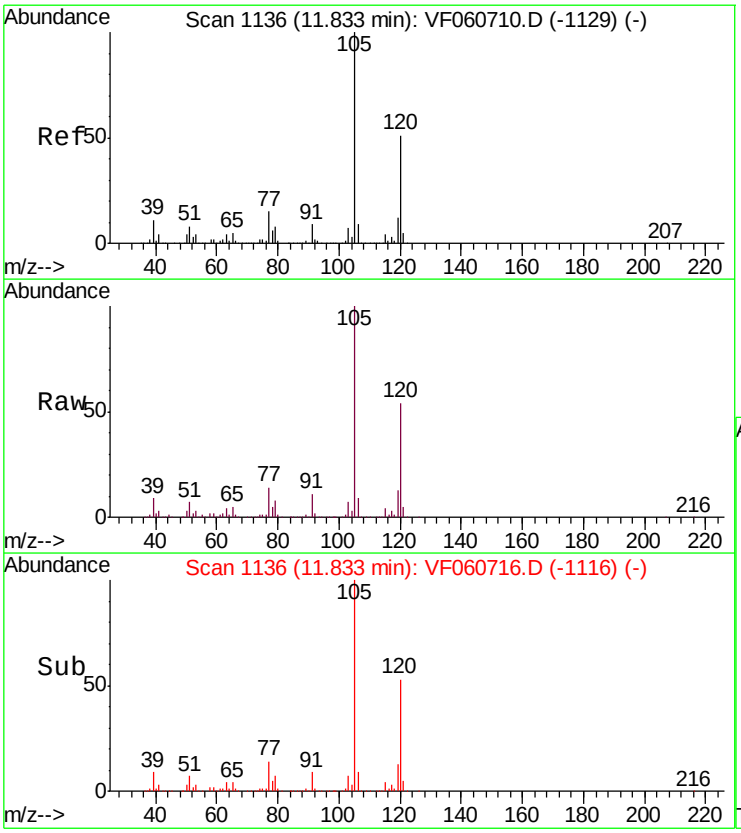

#79
2-Chlorotoluene
Concen: 20.048 ug/l
RT: 11.72 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 91 Resp: 207509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.0 | 16.8 | 50.4 |

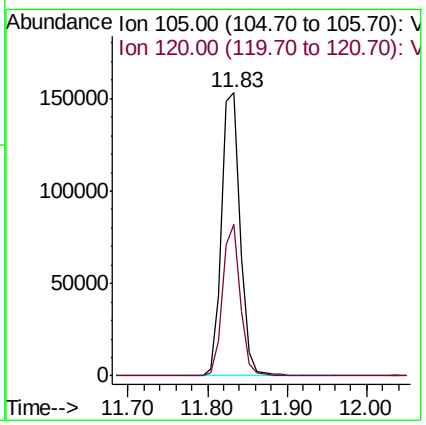


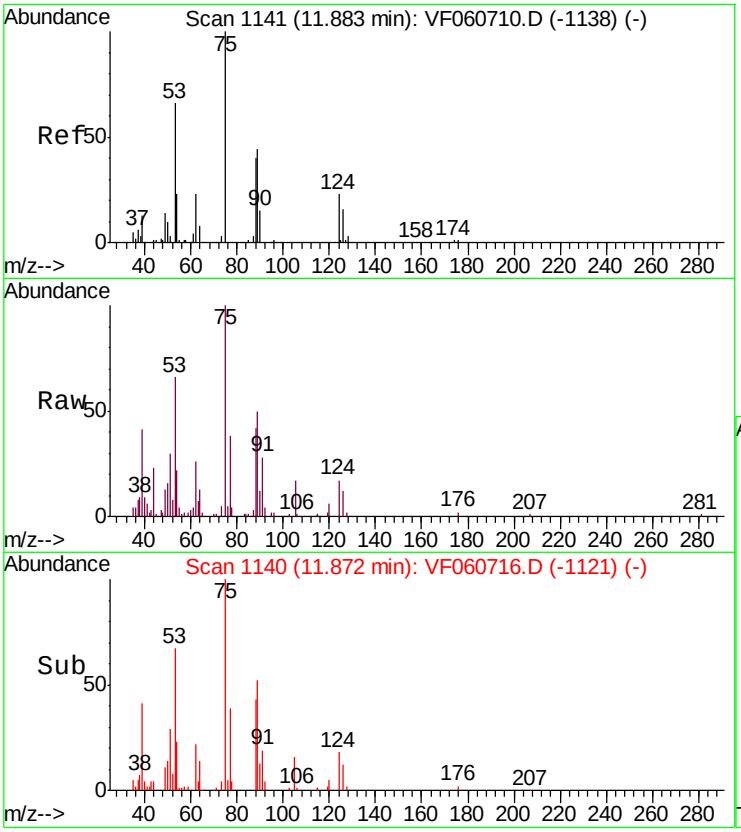




#80
1,3,5-Trimethylbenzene
Concen: 21.188 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:105 Resp: 256852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 53.6 | 25.6 | 76.8 |



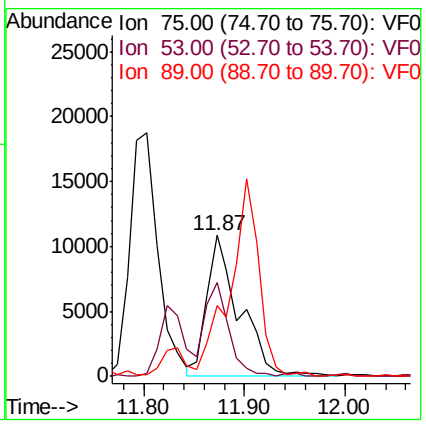


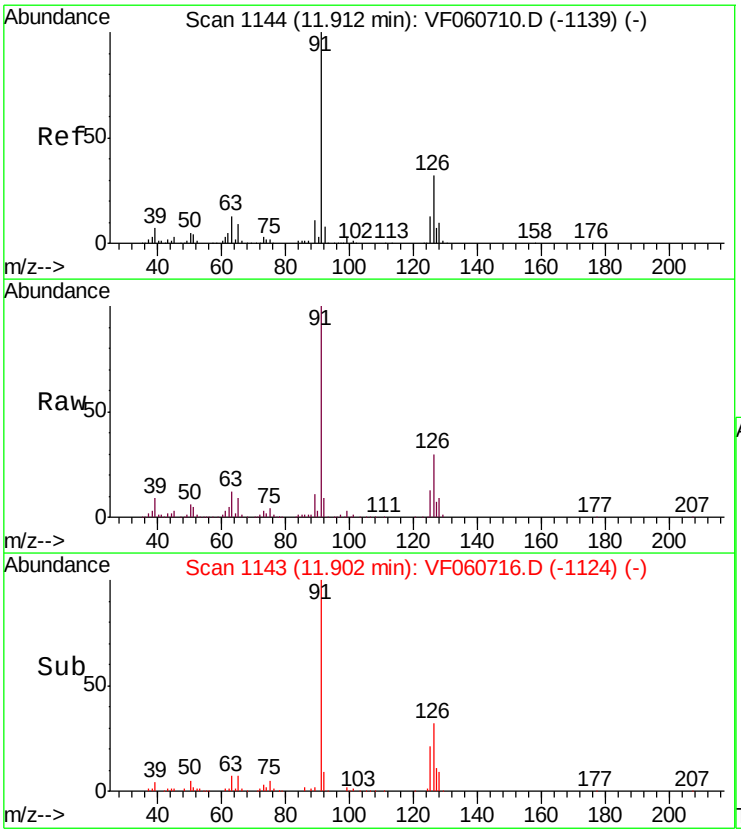

#81
trans-1,4-Dichloro-2-butene
Concen: 26.836 ug/l
RT: 11.87 min Scan# 1140
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion: 75 Resp: 24719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 66.5 | 57.0 | 85.4 |
| 89 | 50.3 | 37.8 | 56.8 |

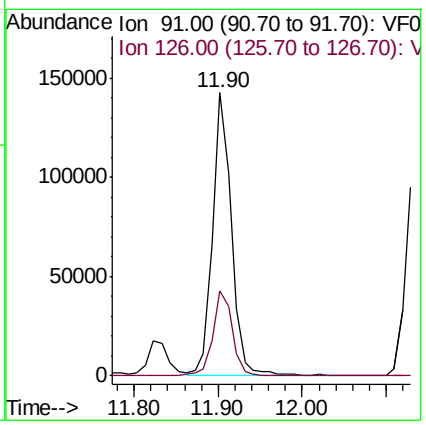


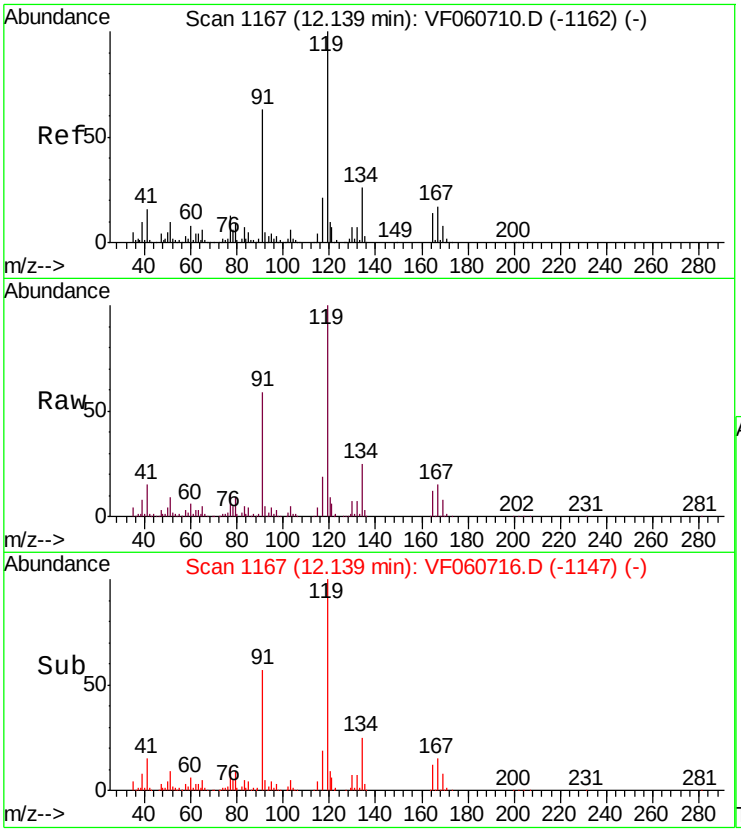




#82
4-Chlorotoluene
Concen: 20.745 ug/l
RT: 11.90 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 91 Resp: 219972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.0 | 16.0 | 47.9 |



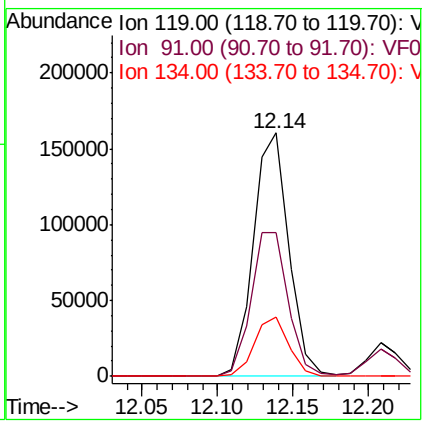


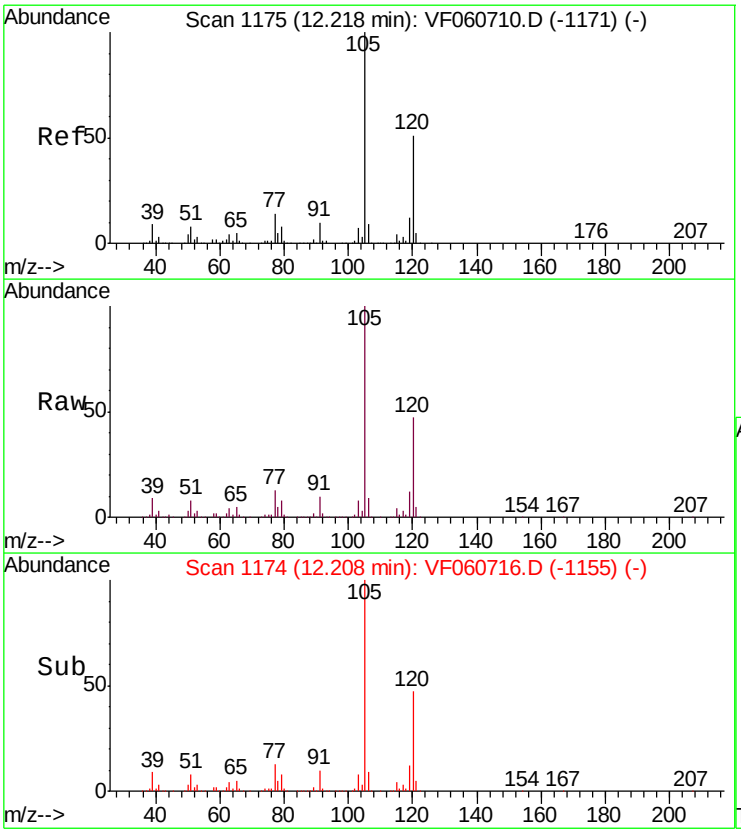

#83
tert-Butylbenzene
Concen: 20.494 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:119 Resp: 263779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.3 | 31.4 | 94.3 |
| 134 | 24.6 | 12.8 | 38.4 |

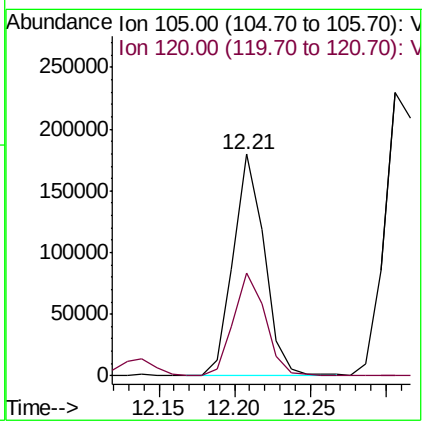


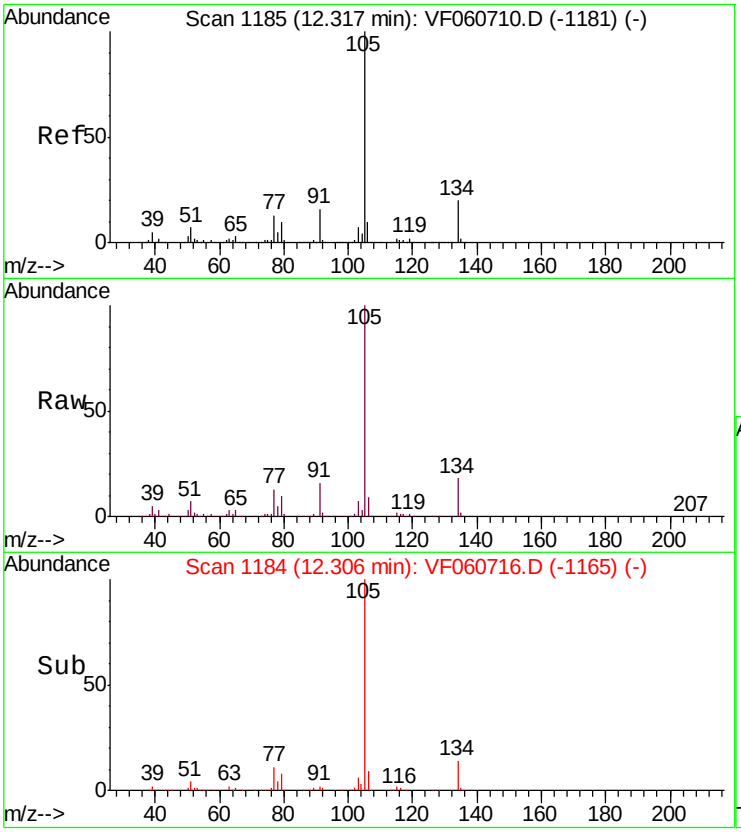




#84
1,2,4-Trimethylbenzene
Concen: 20.587 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:105 Resp: 258108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.6 | 25.5 | 76.5 |



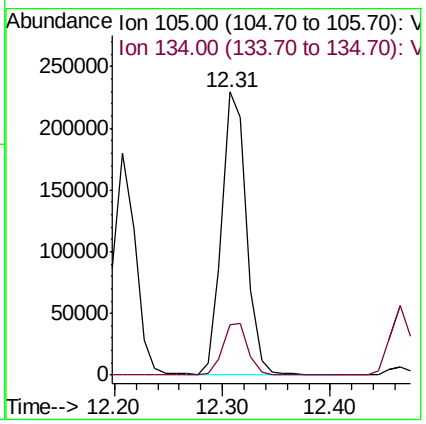


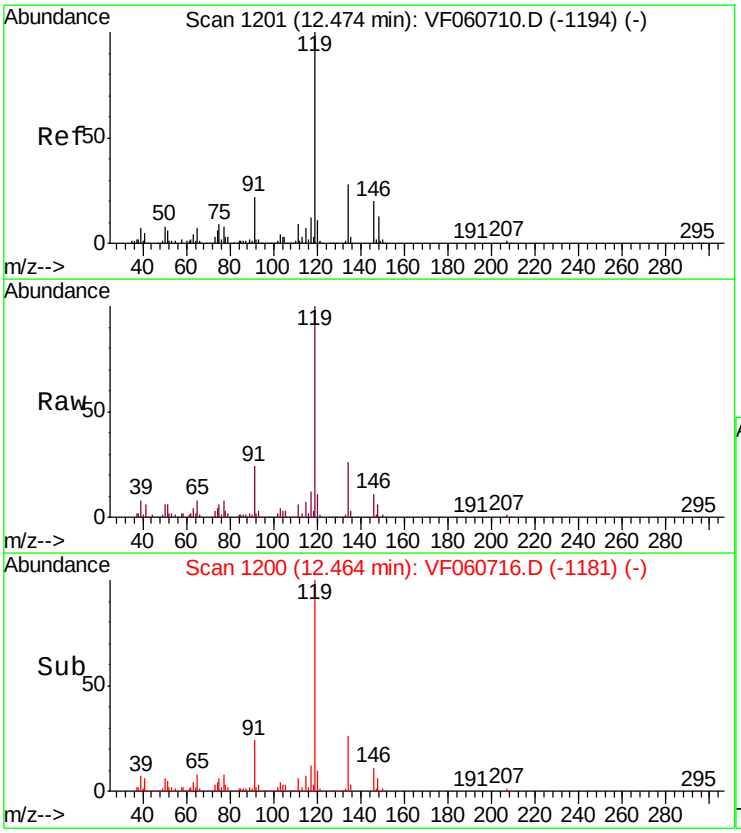

#85
sec-Butylbenzene
Concen: 20.941 ug/l
RT: 12.31 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:105 Resp: 365637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.0 | 10.1 | 30.3 |

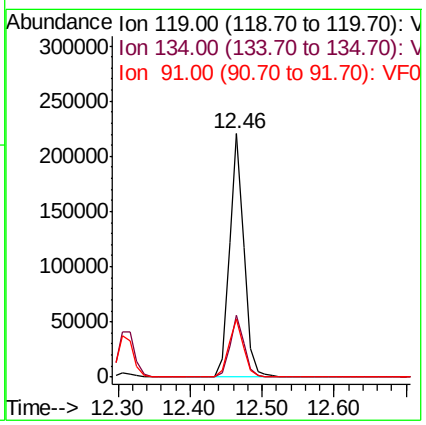


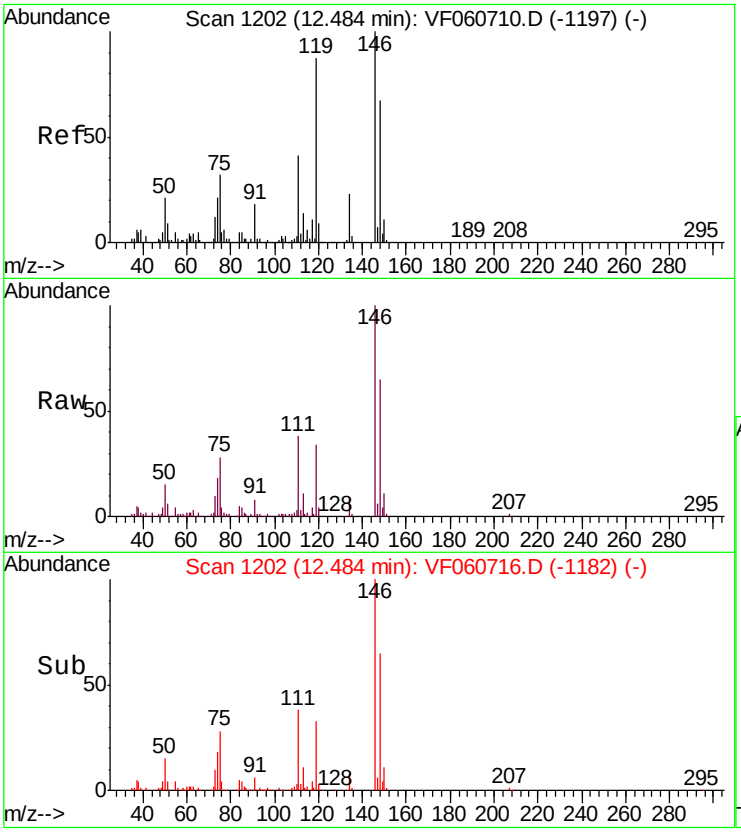




#86
p-Isopropyltoluene
Concen: 20.968 ug/l
RT: 12.46 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:119 Resp: 305768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 13.9 | 41.7 |
| 91 | 24.1 | 11.3 | 33.9 |



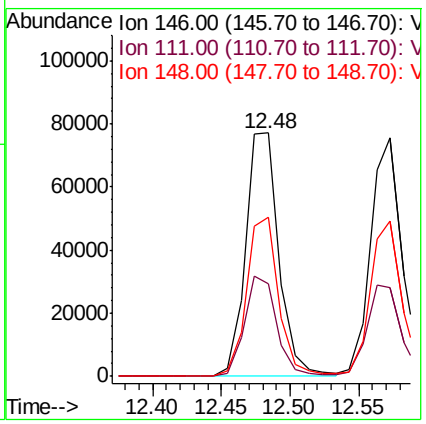


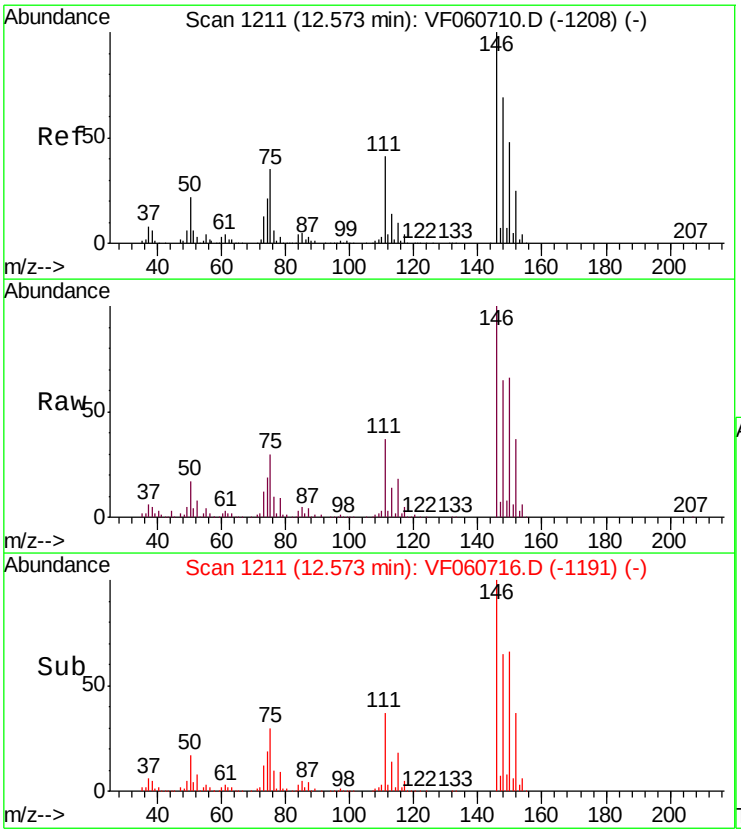

#87
1,3-Dichlorobenzene
Concen: 20.636 ug/l
RT: 12.48 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:146 Resp: 130525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.0 | 20.3 | 60.8 |
| 148 | 65.4 | 33.3 | 99.9 |

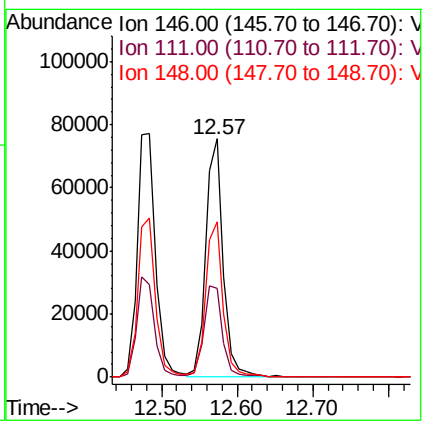


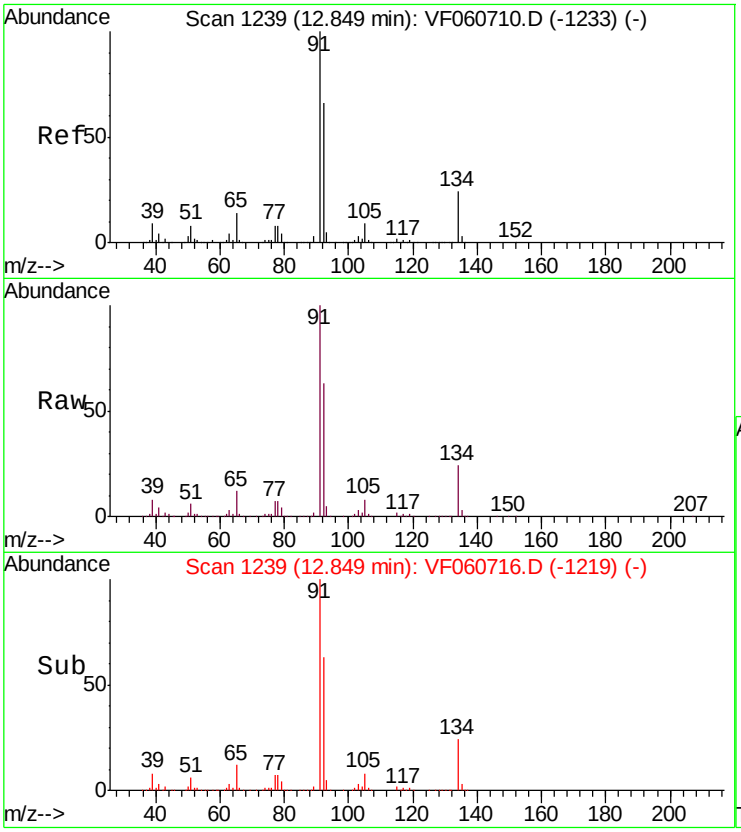




#88
1,4-Dichlorobenzene
Concen: 19.950 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:146 Resp: 121278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.3 | 20.6 | 61.9 |
| 148 | 65.3 | 34.7 | 104.1 |



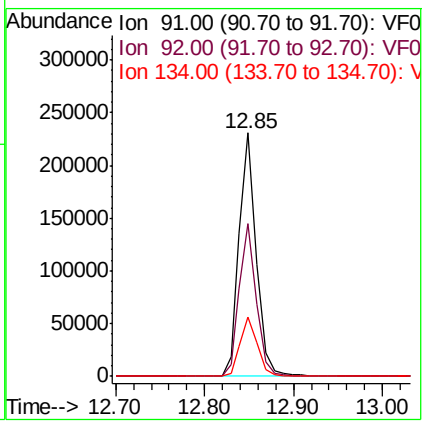


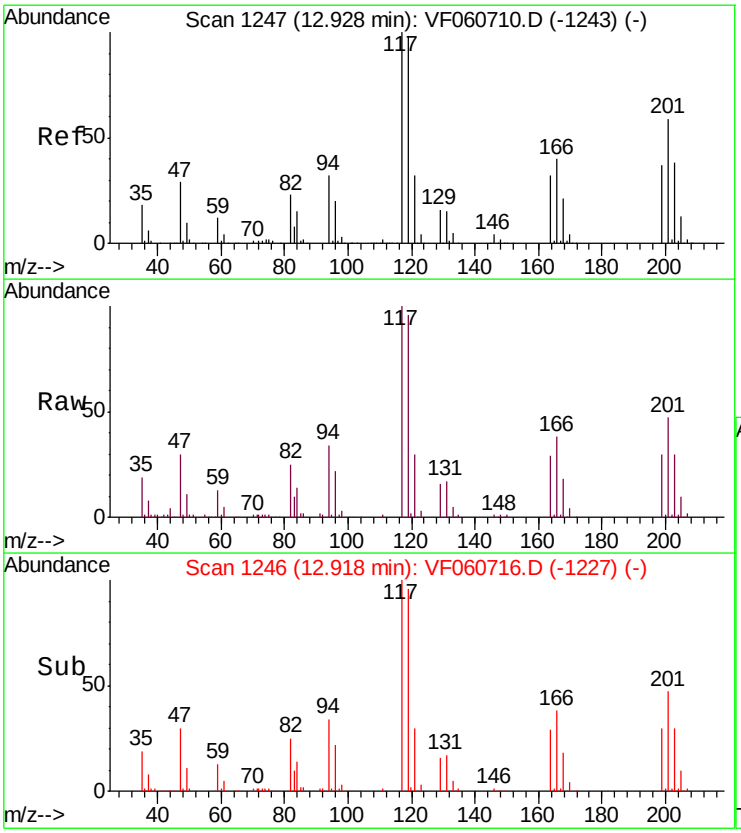

#89
n-Butylbenzene
Concen: 20.869 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion: 91 Resp: 310570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 62.6 | 33.1 | 99.2 |
| 134 | 24.3 | 11.9 | 35.9 |

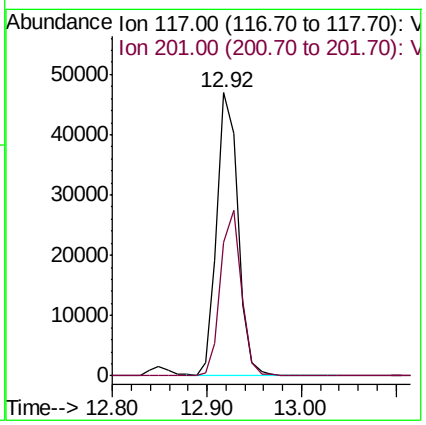


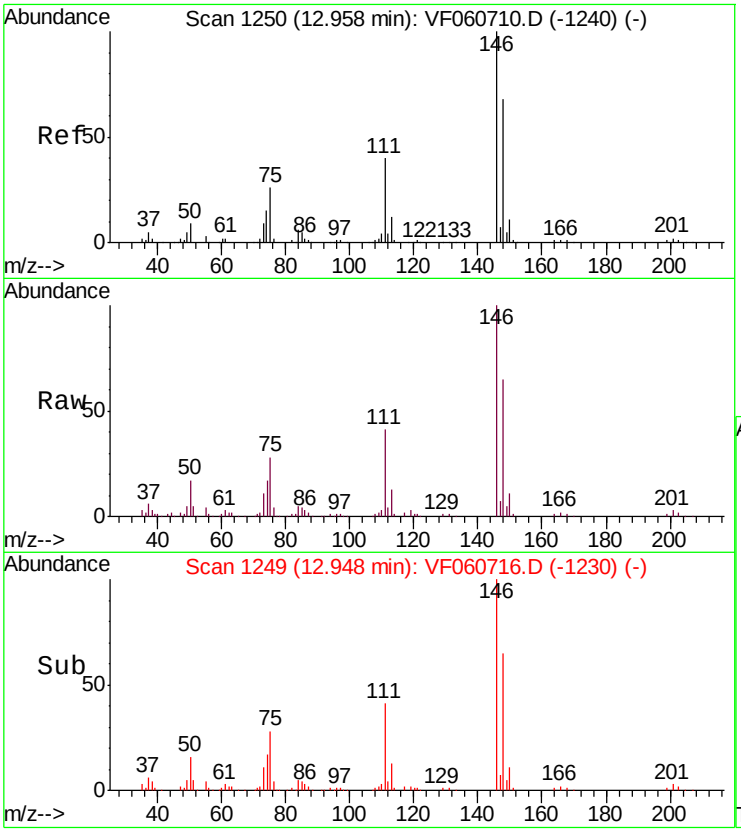




#90
Hexachloroethane
Concen: 20.597 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:117 Resp: 73466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 47.2 | 29.4 | 88.3 |



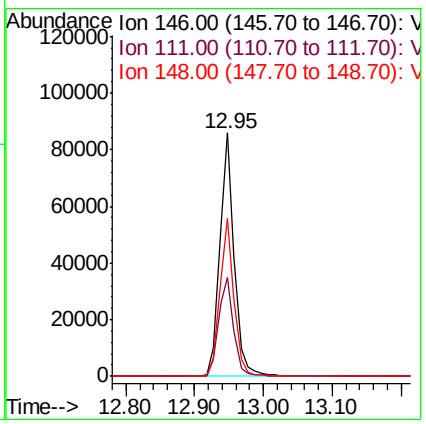


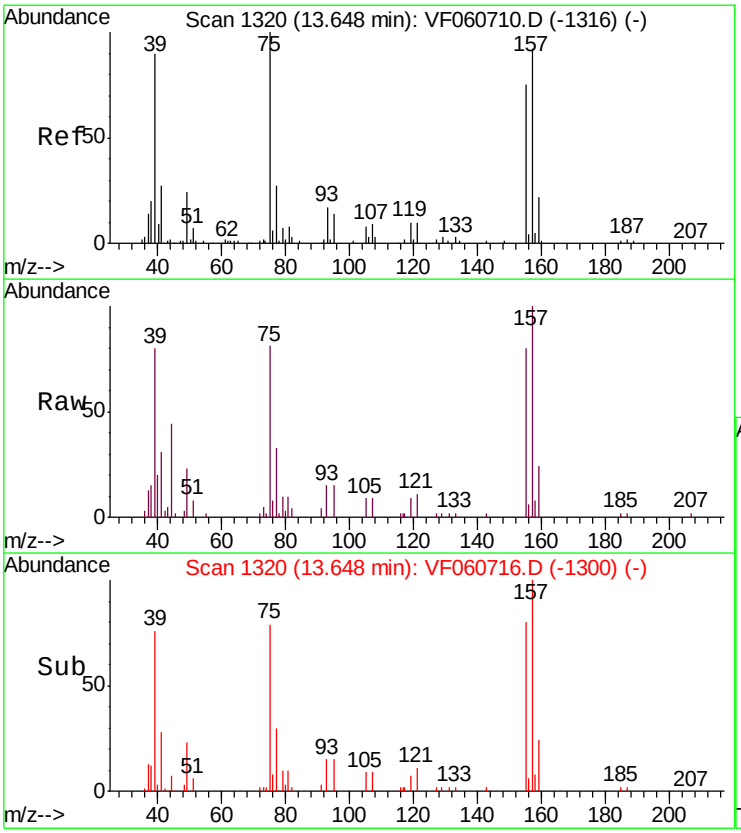

#91
1,2-Dichlorobenzene
Concen: 20.801 ug/l
RT: 12.95 min Scan# 1249
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:146 Resp: 123884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 20.3 | 60.8 |
| 148 | 64.7 | 34.1 | 102.3 |

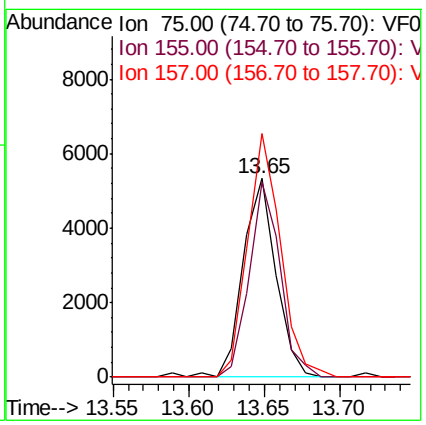


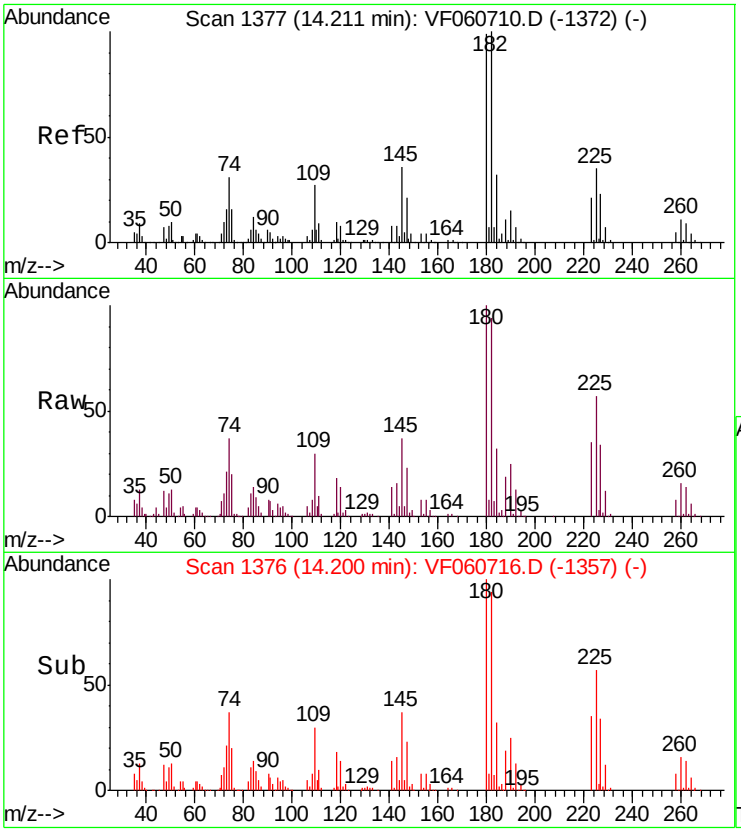




#92
1,2-Dibromo-3-Chloropropane
Concen: 16.983 ug/l
RT: 13.65 min Scan# 1320
Delta R.T. -0.00 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion: 75 Resp: 8058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 98.3 | 37.4 | 112.2 |
| 157 | 122.7 | 46.0 | 138.0 |



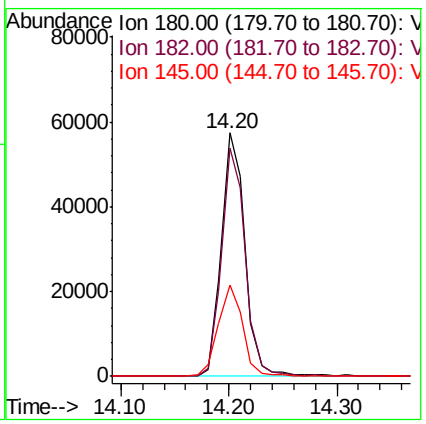


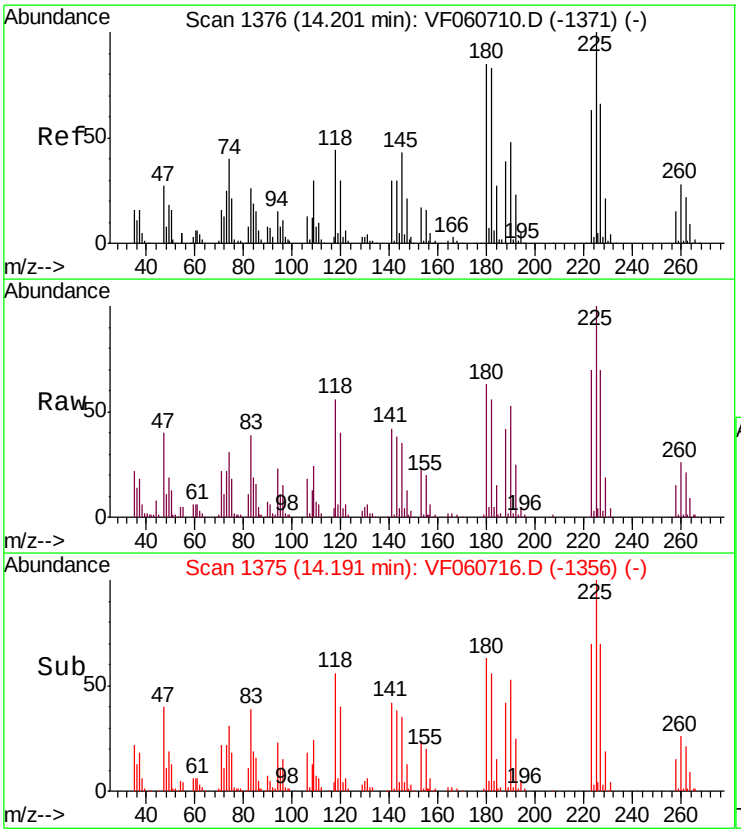

#93
1,2,4-Trichlorobenzene
Concen: 20.447 ug/l
RT: 14.20 min Scan# 1376
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :**
MSVOA_F
**ClientSampleId :**
VF1113SBS01

Tgt Ion:180 Resp: 87524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.8 | 50.3 | 151.0 |
| 145 | 37.5 | 18.3 | 54.9 |

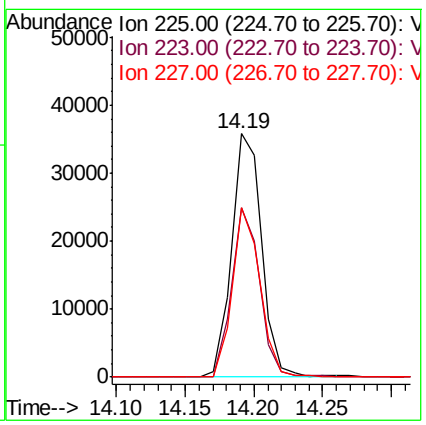


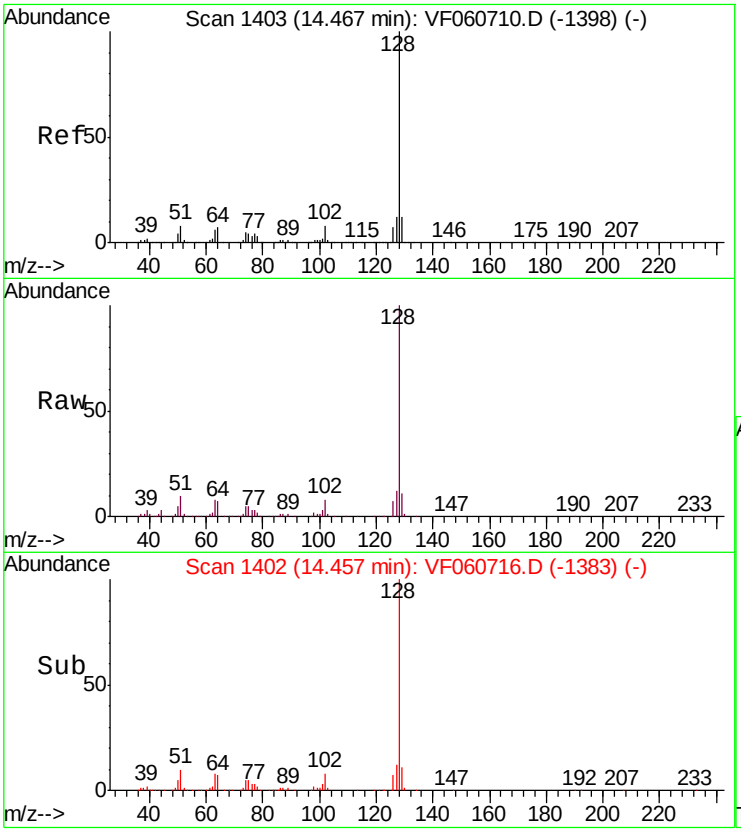




#94
Hexachlorobutadiene
Concen: 19.407 ug/l
RT: 14.19 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:225 Resp: 54286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 69.6 | 31.5 | 94.5 |
| 227 | 69.7 | 33.0 | 99.0 |



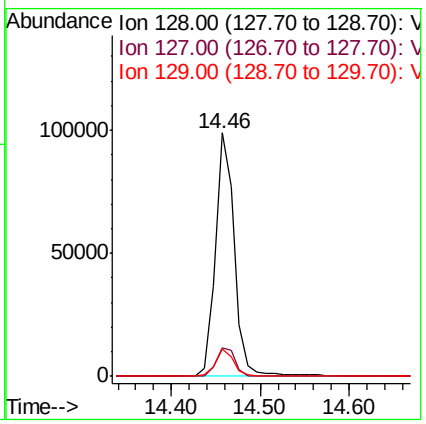


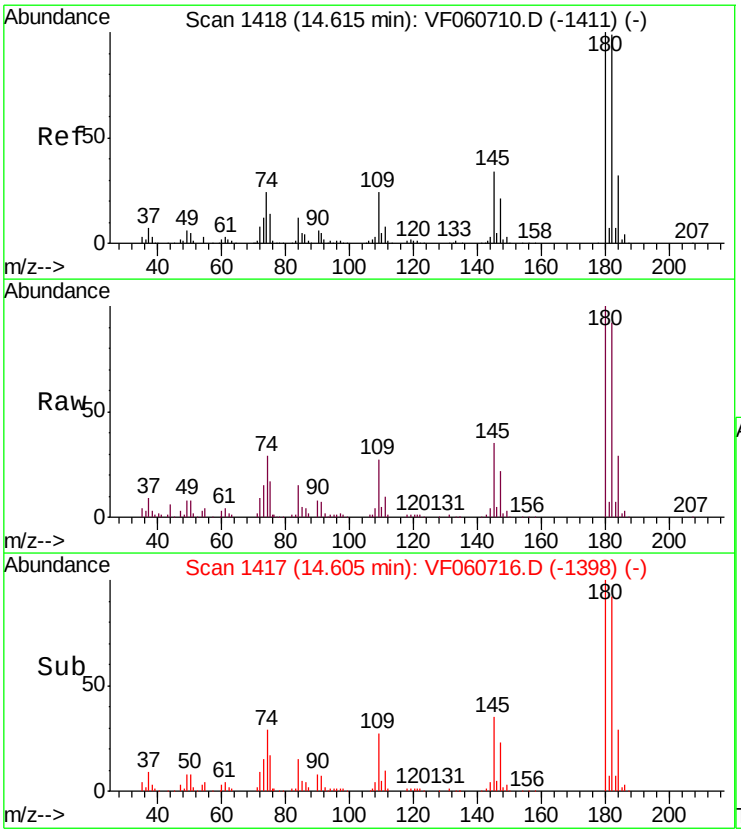

#95
Naphthalene
Concen: 18.827 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

**Instrument :** MSVOA_F
**ClientSampleId :** VF1113SBS01

Tgt Ion:128 Resp: 147052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.0 | 9.8 | 14.6 |
| 129 | 11.3 | 9.3 | 13.9 |




#96
1,2,3-Trichlorobenzene
Concen: 20.646 ug/l
RT: 14.60 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF060716.D
Acq: 13 Nov 2018 19:08

Tgt Ion:180 Resp: 81665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.6 | 49.6 | 149.0 |
| 145 | 35.0 | 16.9 | 50.7 |