Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
Data File : VX007663.D
Acq On : 25 Feb 2019 10:15
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Quant Time: Feb 26 01:35:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:13:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 348640 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 544311 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 482632 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 223907 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 21932 | 5.08 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 10.16% | | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 18242 | 5.01 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 10.02% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 69778 | 5.01 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 10.02% | | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 22834 | 4.47 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 8.94% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 15010 | 4.674 | ug/l | | 94 |
| 3) Chloromethane | 1.33 | 50 | 16519 | 4.641 | ug/l | | 94 |
| 4) Vinyl Chloride | 1.41 | 62 | 17522 | 4.799 | ug/l | | 100 |
| 5) Bromomethane | 1.64 | 94 | 14193 | 5.392 | ug/l | | 92 |
| 6) Chloroethane | 1.72 | 64 | 12208 | 5.233 | ug/l | | 93 |
| 7) Trichlorofluoromethane | 1.93 | 101 | 28277 | 5.052 | ug/l | | 97 |
| 8) Diethyl Ether | 2.20 | 74 | 11381 | 4.954 | ug/l | | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 17546 | 5.186 | ug/l | | 94 |
| 10) Methyl Iodide | 2.51 | 142 | 17921 | 4.254 | ug/l | | 96 |
| 11) Tert butyl alcohol | 3.07 | 59 | 20525 | 25.049 | ug/l | # | 84 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 15555 | 5.101 | ug/l | | 97 |
| 13) Acrolein | 2.30 | 56 | 19455 | 26.720 | ug/l | | 98 |
| 14) Allyl chloride | 2.73 | 41 | 29011 | 5.145 | ug/l | | 99 |
| 15) Acrylonitrile | 3.15 | 53 | 48908 | 25.364 | ug/l | | 99 |
| 16) Acetone | 2.45 | 43 | 47253 | 24.605 | ug/l | | 98 |
| 17) Carbon Disulfide | 2.57 | 76 | 40152 | 4.732 | ug/l | | 97 |
| 18) Methyl Acetate | 2.78 | 43 | 20696 | 4.939 | ug/l | | 95 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 53195 | 5.009 | ug/l | | 99 |
| 20) Methylene Chloride | 2.86 | 84 | 17717 | 4.996 | ug/l | | 98 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 16883 | 5.092 | ug/l | | 96 |
| 22) Diisopropyl ether | 3.87 | 45 | 59371 | 5.058 | ug/l | | 95 |
| 23) Vinyl Acetate | 3.82 | 43 | 245245 | 23.813 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 3.70 | 63 | 30367 | 4.760 | ug/l | | 94 |
| 25) 2-Butanone | 4.70 | 43 | 73236 | 25.035 | ug/l | | 99 |
| 26) 2,2-Dichloropropane | 4.58 | 77 | 24104 | 4.733 | ug/l | | 92 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 21090 | 4.999 | ug/l | | 97 |
| 28) Bromochloromethane | 5.02 | 49 | 15256 | 4.912 | ug/l | | 93 |
| 29) Tetrahydrofuran | 5.16 | 42 | 44408 | 23.029 | ug/l | | 97 |
| 30) Chloroform | 5.21 | 83 | 34481 | 5.046 | ug/l | | 97 |
| 31) Cyclohexane | 5.57 | 56 | 28858 | 4.809 | ug/l | | 97 |
| 32) 1,1,1-Trichloroethane | 5.50 | 97 | 26835 | 4.748 | ug/l | | 95 |
| 36) 1,1-Dichloropropene | 5.80 | 75 | 24657 | 5.039 | ug/l | | 96 |
| 37) Ethyl Acetate | 4.85 | 43 | 26014 | 4.786 | ug/l | | 98 |
| 38) Carbon Tetrachloride | 5.79 | 117 | 23284 | 4.737 | ug/l | # | 88 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022519\
Data File : VX007663.D
Acq On : 25 Feb 2019 10:15
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Quant Time: Feb 26 01:35:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:13:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 31941 | 5.164 ug/l | 95 |
| 40) Benzene | 6.14 | 78 | 76434 | 5.060 ug/l | 100 |
| 41) Methacrylonitrile | 5.06 | 41 | 13119 | 4.520 ug/l # | 82 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 24981 | 4.920 ug/l | 93 |
| 43) Isopropyl Acetate | 6.46 | 43 | 40671 | 4.861 ug/l | 99 |
| 44) Trichloroethene | 7.21 | 130 | 22434 | 5.399 ug/l | 92 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 19764 | 5.051 ug/l | 99 |
| 46) Dibromomethane | 7.66 | 93 | 13428 | 4.919 ug/l | 90 |
| 47) Bromodichloromethane | 7.90 | 83 | 22570 | 4.771 ug/l | 93 |
| 48) Methyl methacrylate | 7.77 | 41 | 21248 | 4.845 ug/l | 95 |
| 49) 1,4-Dioxane | 7.76 | 88 | 9279 | 97.965 ug/l | 98 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 136146 | 24.311 ug/l | 98 |
| 52) Toluene | 8.78 | 92 | 48590 | 5.101 ug/l | 100 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 22532 | 4.341 ug/l | 98 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 25844 | 4.502 ug/l | 98 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 20100 | 5.060 ug/l | 95 |
| 56) Ethyl methacrylate | 9.18 | 69 | 25165 | 4.455 ug/l | 99 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 31455 | 4.947 ug/l | 98 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 71845 | 23.064 ug/l | 99 |
| 59) 2-Hexanone | 9.49 | 43 | 102222 | 23.250 ug/l | 99 |
| 60) Dibromochloromethane | 9.59 | 129 | 17385 | 4.548 ug/l | 98 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 20688 | 5.016 ug/l | 100 |
| 64) Tetrachloroethene | 9.34 | 164 | 21901 | 5.590 ug/l | 92 |
| 65) Chlorobenzene | 10.13 | 112 | 53789 | 5.153 ug/l | 95 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 17875 | 4.909 ug/l | 98 |
| 67) Ethyl Benzene | 10.25 | 91 | 86330 | 4.993 ug/l | 99 |
| 68) m/p-Xylenes | 10.36 | 106 | 66279 | 9.853 ug/l | 96 |
| 69) o-Xylene | 10.69 | 106 | 32452 | 5.015 ug/l | 99 |
| 70) Styrene | 10.71 | 104 | 51104 | 4.805 ug/l | 100 |
| 71) Bromoform | 10.85 | 173 | 11977 | 4.387 ug/l # | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 84173 | 5.260 ug/l | 98 |
| 74) N-amyl acetate | 10.90 | 43 | 31947 | 4.597 ug/l | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 28473 | 5.144 ug/l | 99 |
| 76) 1,2,3-Trichloropropane | 11.30 | 75 | 31248 | 6.547 ug/l | 76 |
| 77) Bromobenzene | 11.26 | 156 | 21822 | 5.437 ug/l | 88 |
| 78) n-propylbenzene | 11.36 | 91 | 94753 | 5.240 ug/l | 97 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 55413 | 5.089 ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 68421 | 5.198 ug/l | 97 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 6419 | 4.066 ug/l # | 79 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 65774 | 5.164 ug/l | 99 |
| 83) tert-Butylbenzene | 11.77 | 119 | 65183 | 5.157 ug/l | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 69599 | 5.169 ug/l | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 84448 | 5.332 ug/l | 98 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 72807 | 5.249 ug/l | 98 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 40085 | 5.384 ug/l | 96 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 40558 | 5.319 ug/l | 94 |
| 89) n-Butylbenzene | 12.39 | 91 | 60078 | 4.857 ug/l | 99 |
| 90) Hexachloroethane | 12.60 | 117 | 11321 | 4.844 ug/l | 87 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 40107 | 5.384 ug/l | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 5565 | 4.614 ug/l | 91 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
Data File : VX007663.D
Acq On : 25 Feb 2019 10:15
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Quant Time: Feb 26 01:35:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:13:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 24604 | 5.411 | ug/l | 93 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 11587 | 5.570 | ug/l | 95 |
| 95) Naphthalene | 13.83 | 128 | 72455 | 4.918 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 23522 | 5.152 | ug/l | 97 |

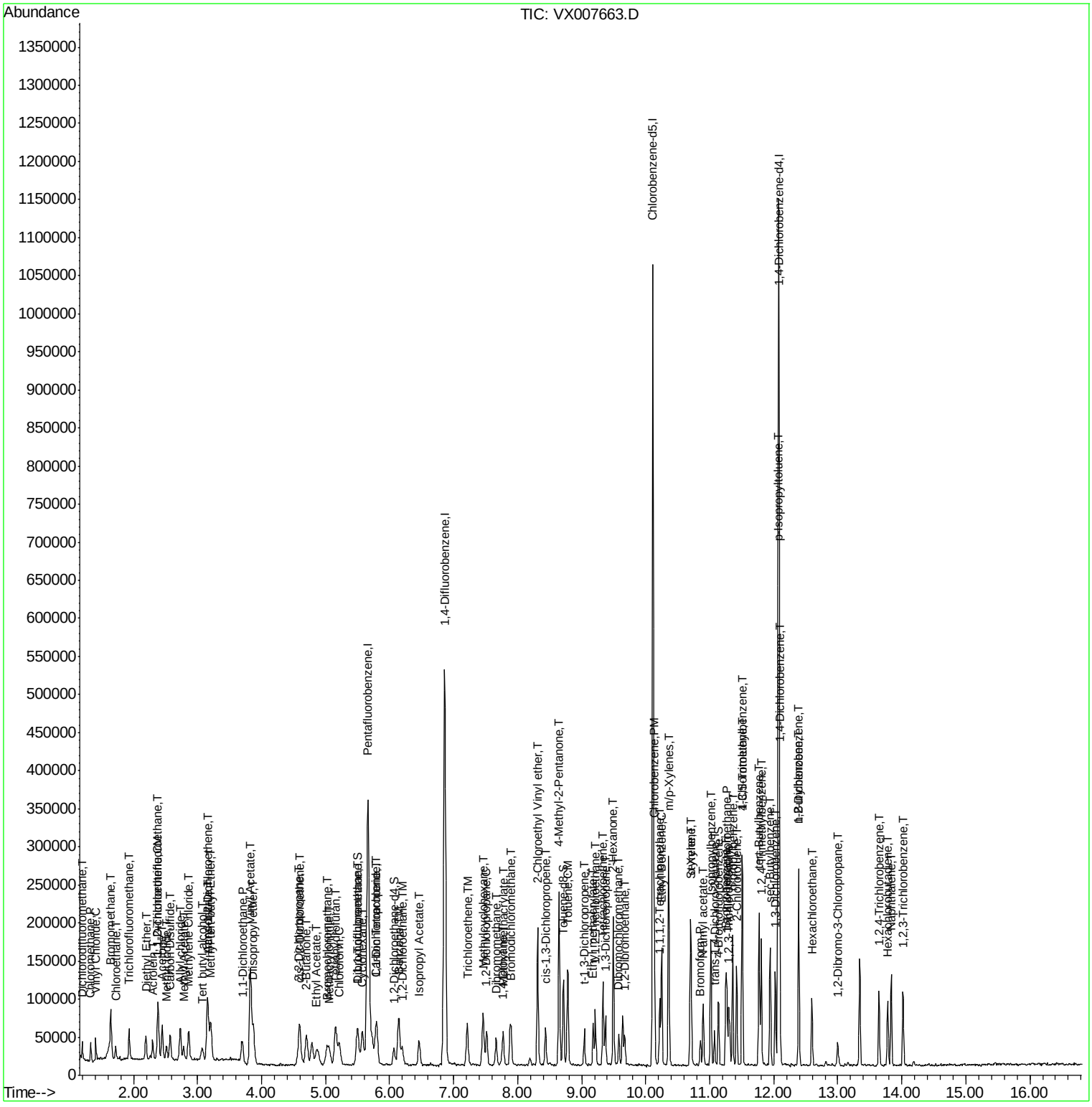
(#) = qualifier out of range (m) = manual integration (+) = signals summed

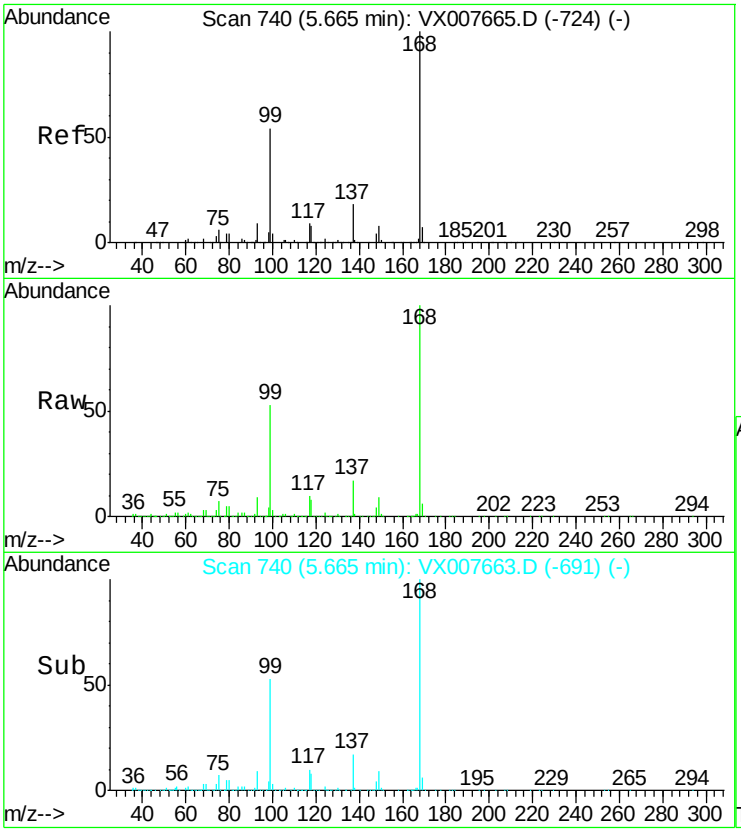
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022519\
Data File : VX007663.D
Acq On : 25 Feb 2019 10:15
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Quant Time: Feb 26 01:35:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:13:56 2019
Response via : Initial Calibration



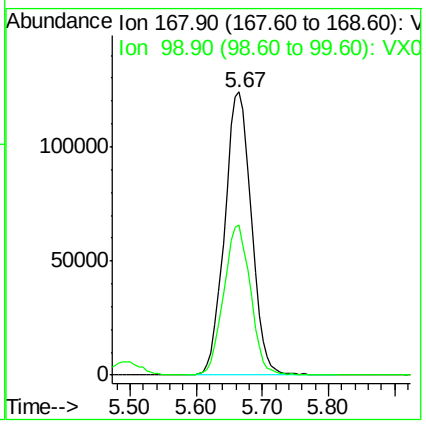


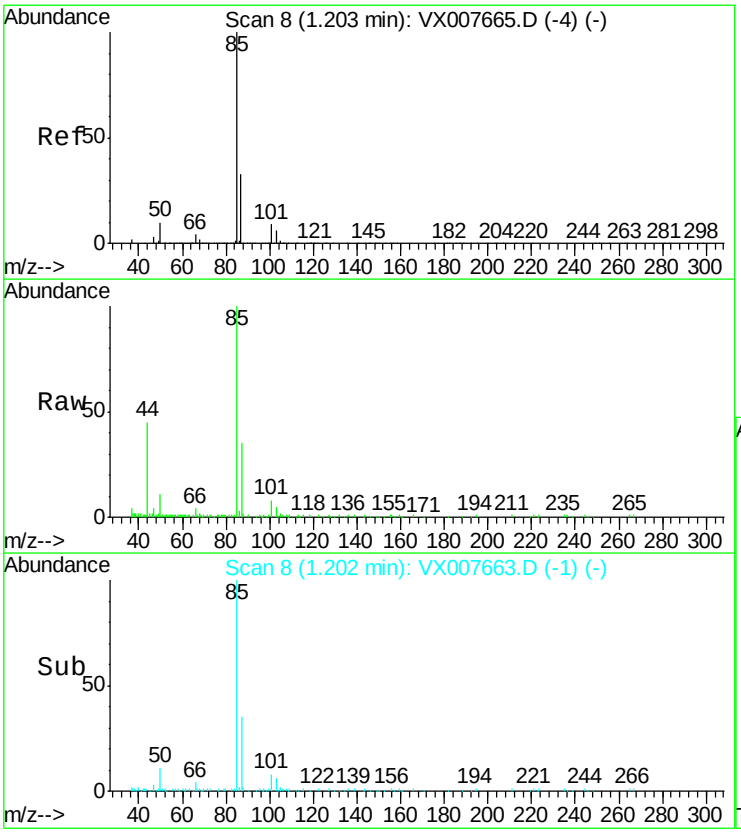

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:168 Resp: 348640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.8 | 37.9 | 56.9 |

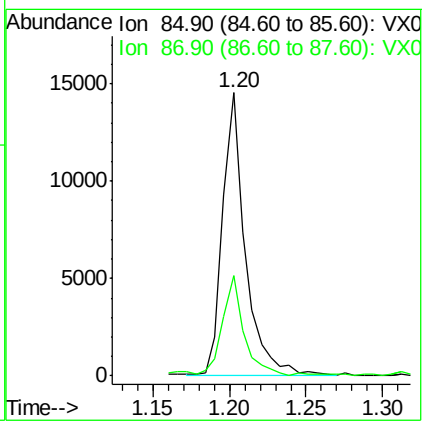


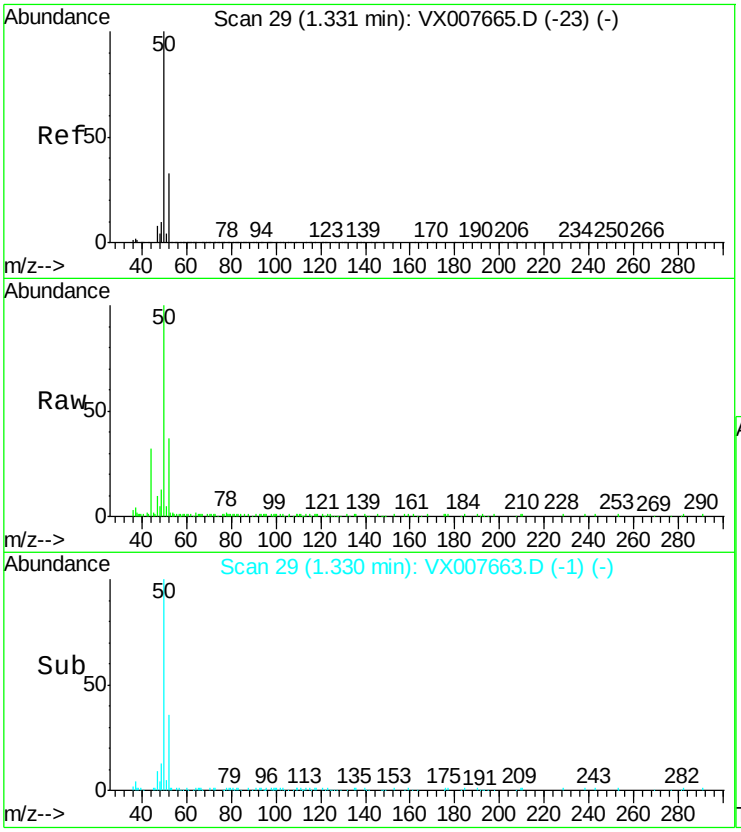




#2
Dichlorodifluoromethane
Concen: 4.674 ug/l
RT: 1.20 min Scan# 8
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 85 Resp: 15010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 34.8 | 15.8 | 47.4 |



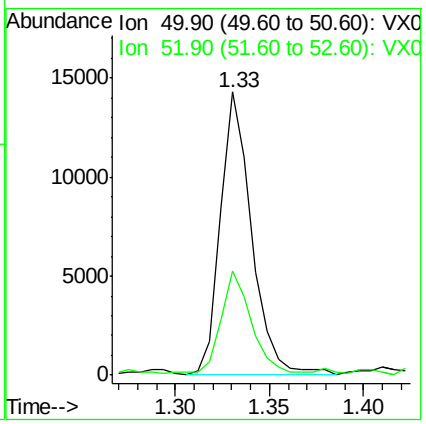


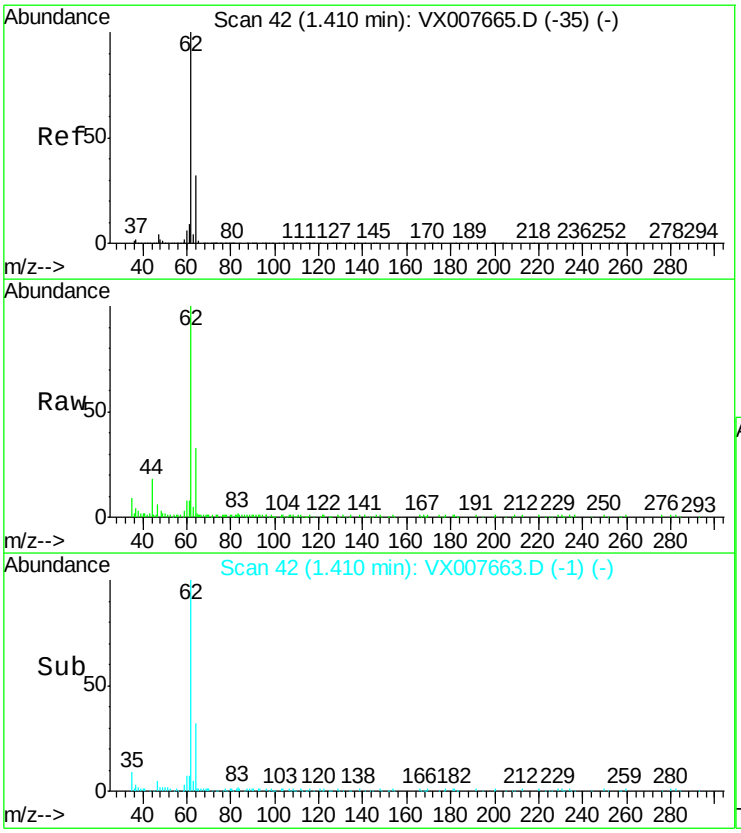

#3
Chloromethane
Concen: 4.641 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 50 Resp: 16519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.7 | 26.1 | 39.1 |

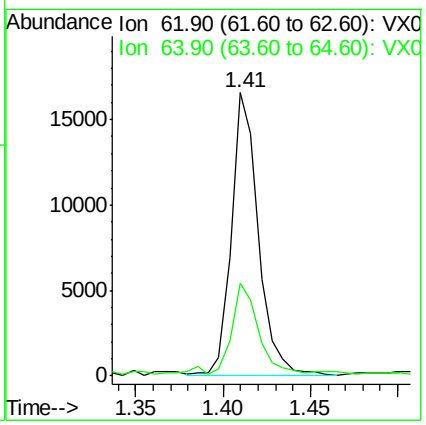


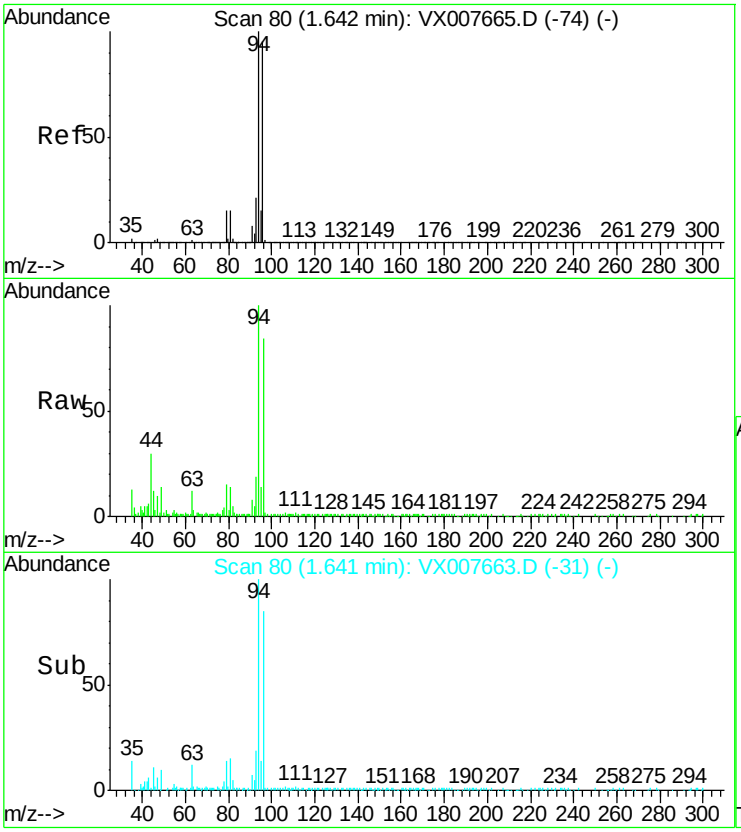




#4
Vinyl Chloride
Concen: 4.799 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 62 Resp: 17522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.5 | 25.4 | 38.0 |



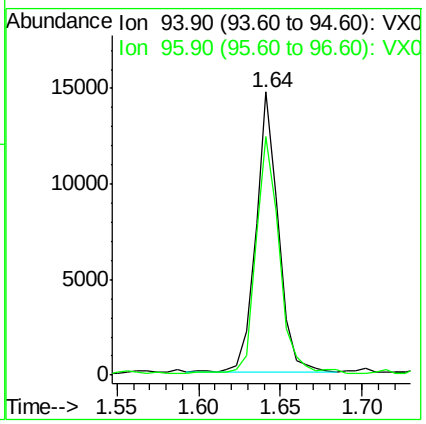


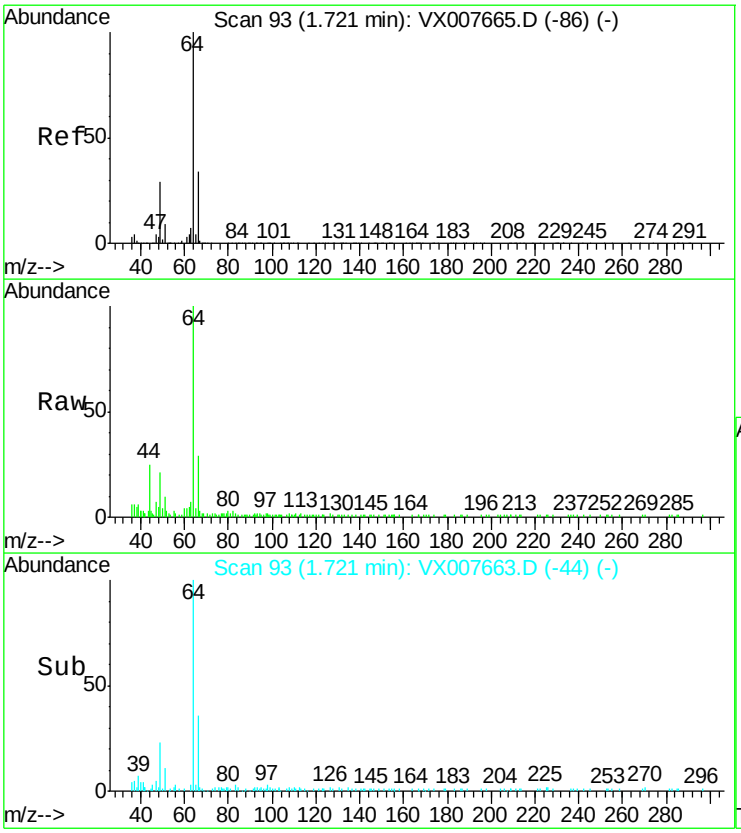

#5
Bromomethane
Concen: 5.392 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 94 Resp: 14193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 84.7 | 73.9 | 110.9 |

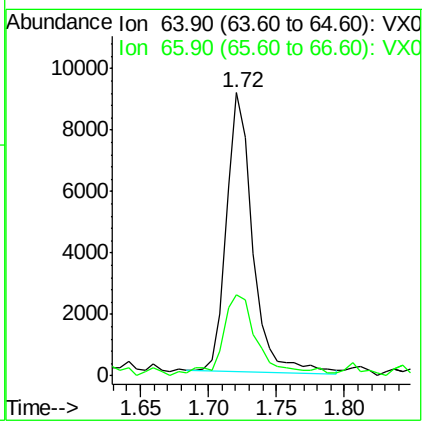


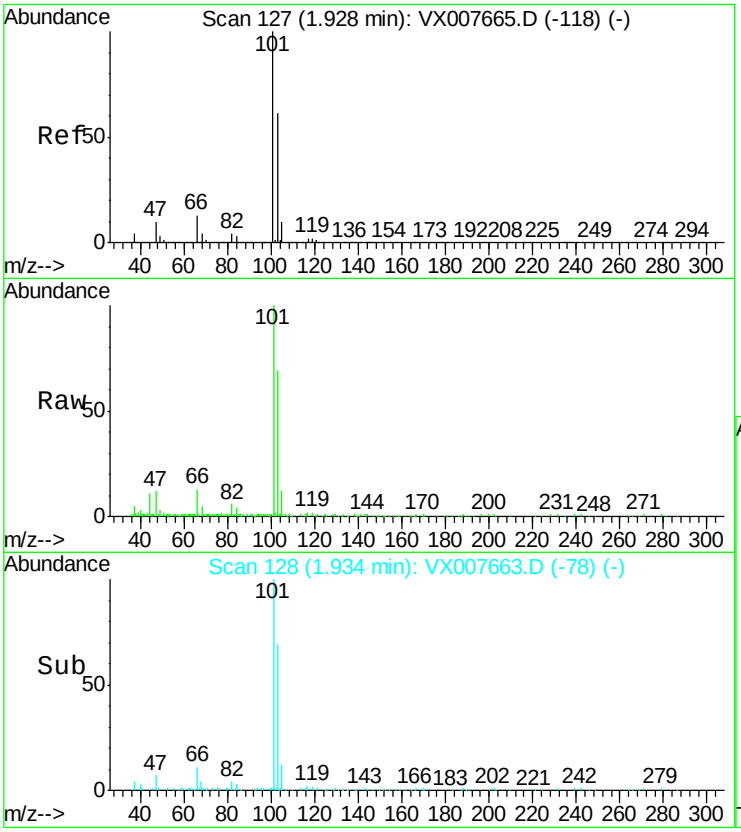




#6
Chloroethane
Concen: 5.233 ug/l
RT: 1.72 min Scan# 93
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 64 Resp: 12208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 28.1 | 25.5 | 38.3 |



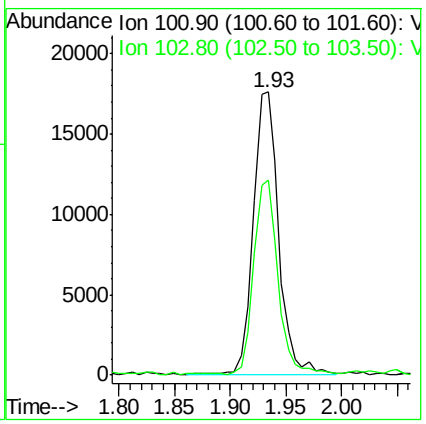


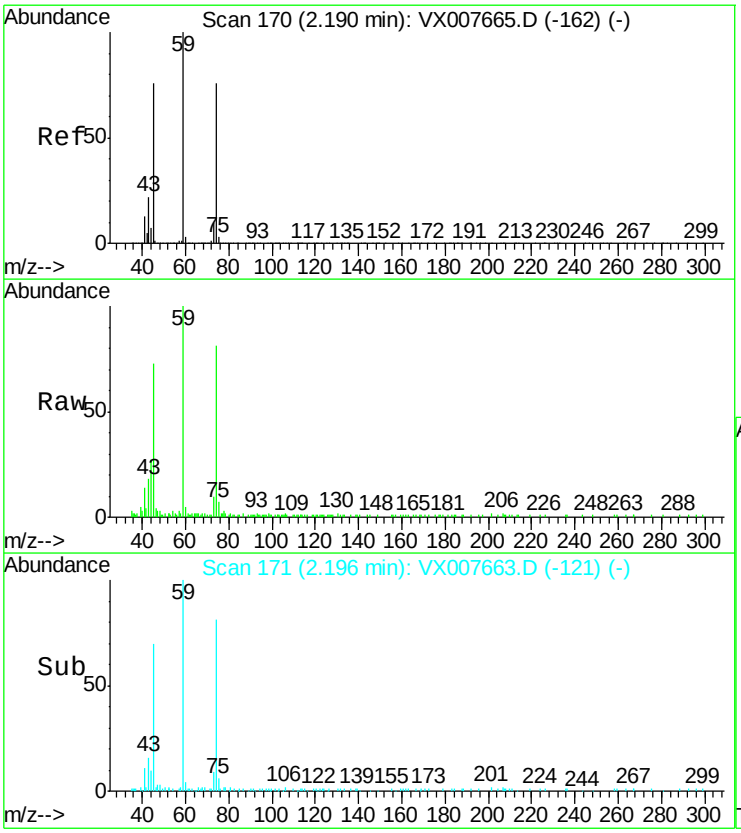

#7
Trichlorofluoromethane
Concen: 5.052 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:101 Resp: 28277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 68.3 | 52.6 | 79.0 |

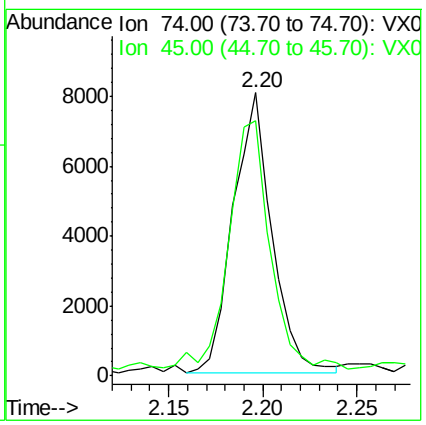


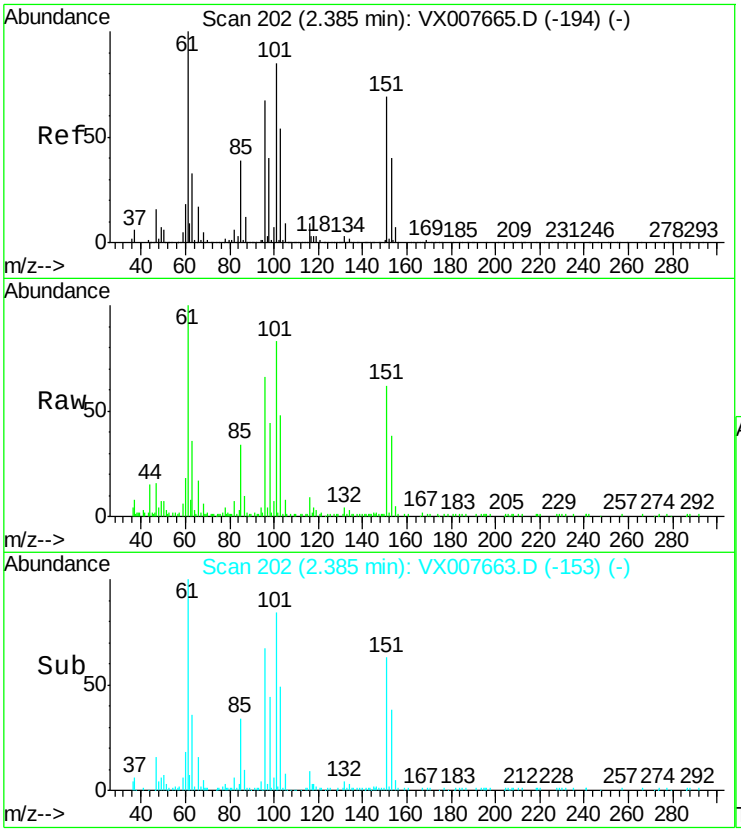




#8
Diethyl Ether
Concen: 4.954 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 74 Resp: 11381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 93.6 | 45.7 | 137.1 |



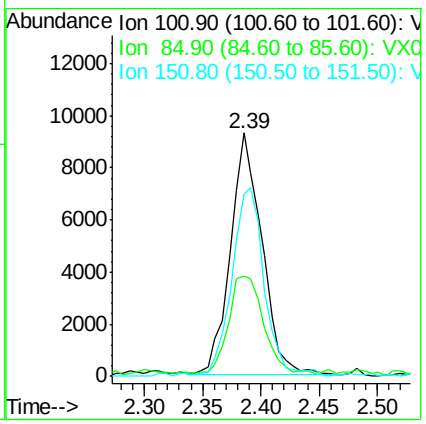


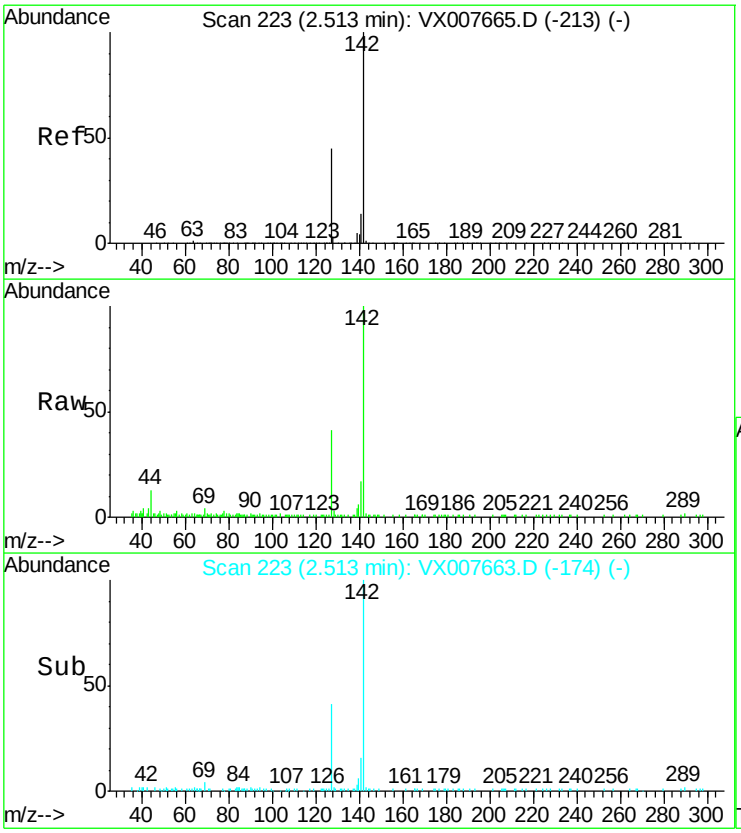

#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.186 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:101 Resp: 17546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.6 | 34.1 | 51.1 |
| 151 | 80.3 | 69.9 | 104.9 |

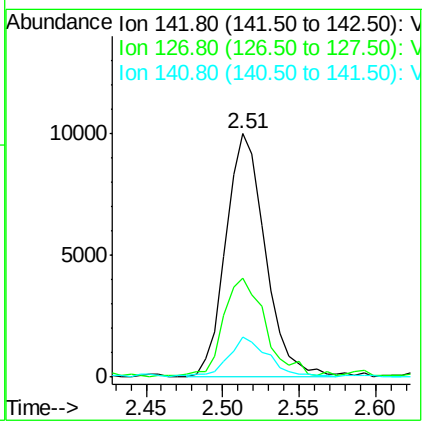


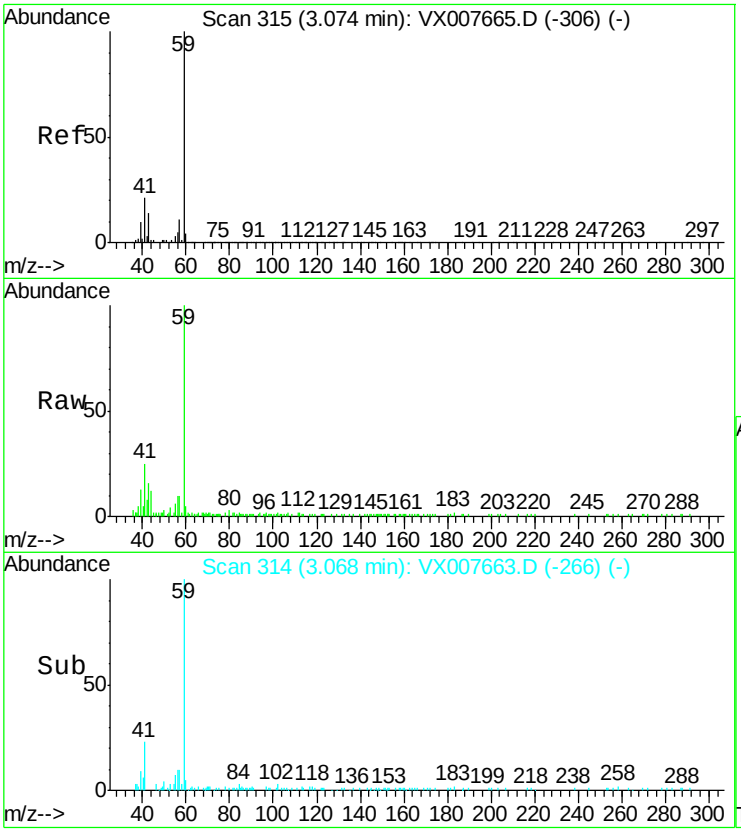




#10
Methyl Iodide
Concen: 4.254 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:142 Resp: 17921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.9 | 33.7 | 50.5 |
| 141 | 16.8 | 11.3 | 16.9 |



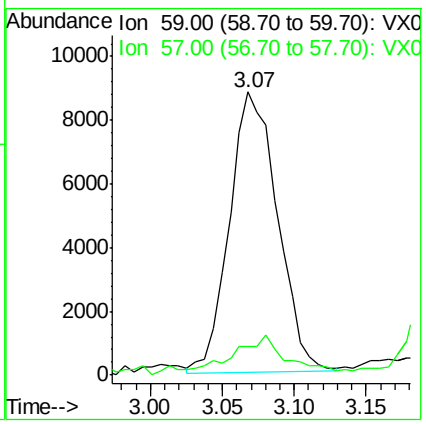


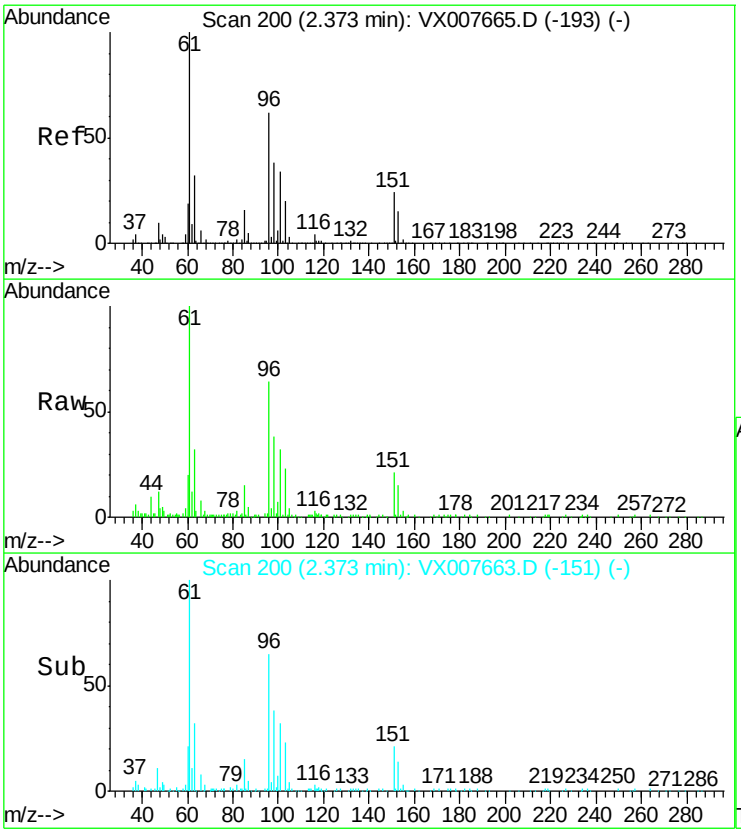

#11
Tert butyl alcohol
Concen: 25.049 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 59 Resp: 20525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 16.1 | 8.1 | 12.1# |

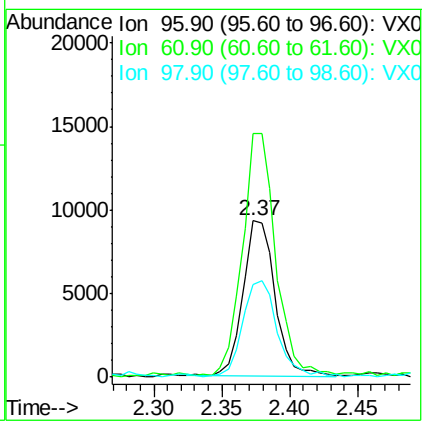


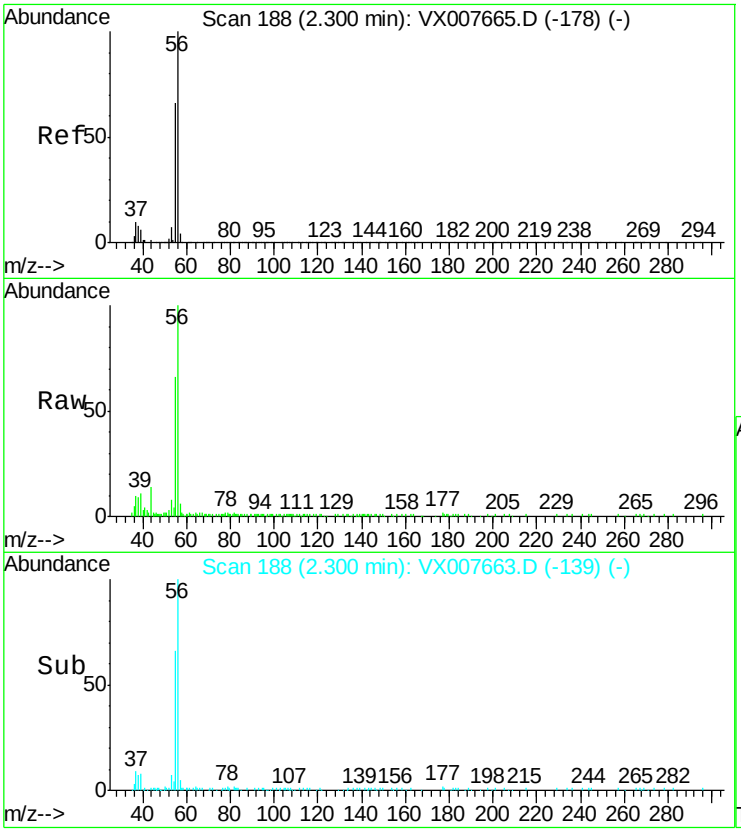




#12
1,1-Dichloroethene
Concen: 5.101 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 96 Resp: 15555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 155.4 | 123.0 | 184.4 |
| 98 | 58.0 | 50.9 | 76.3 |



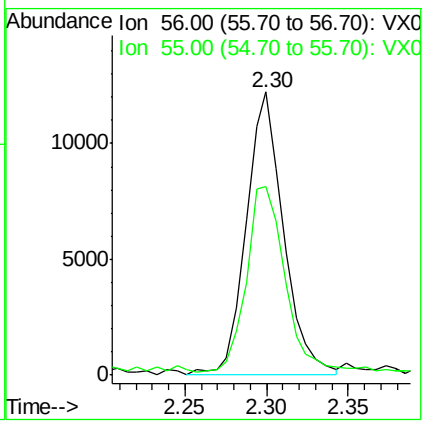


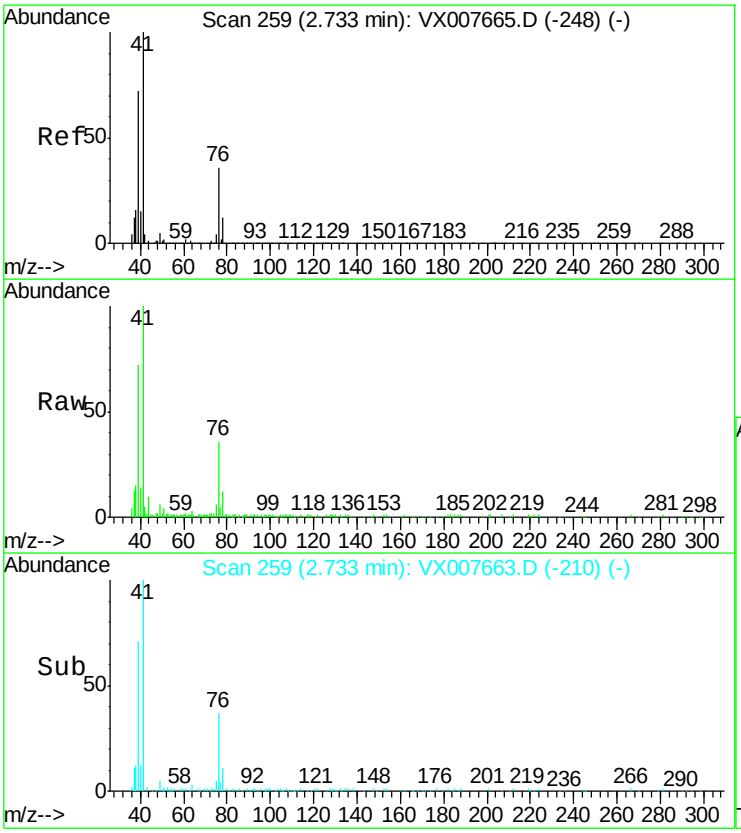

#13
Acrolein
Concen: 26.720 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion: 56 Resp: 19455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.4 | 56.9 | 85.3 |

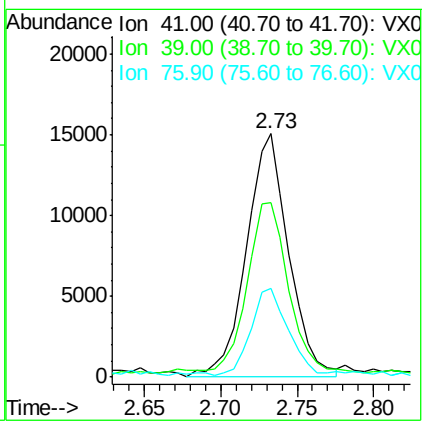


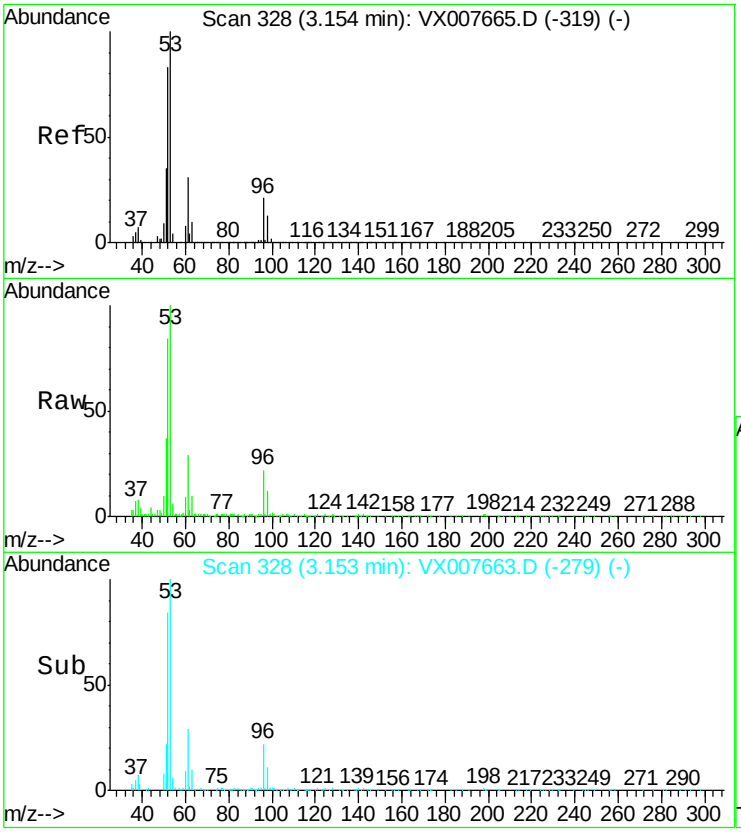




#14
Allyl chloride
Concen: 5.145 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 41 Resp: 29011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 67.5 | 54.1 | 81.1 |
| 76 | 32.7 | 27.8 | 41.8 |



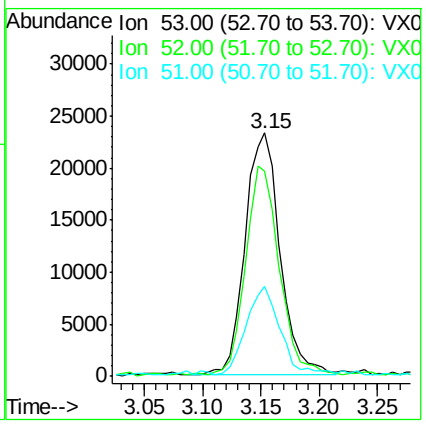


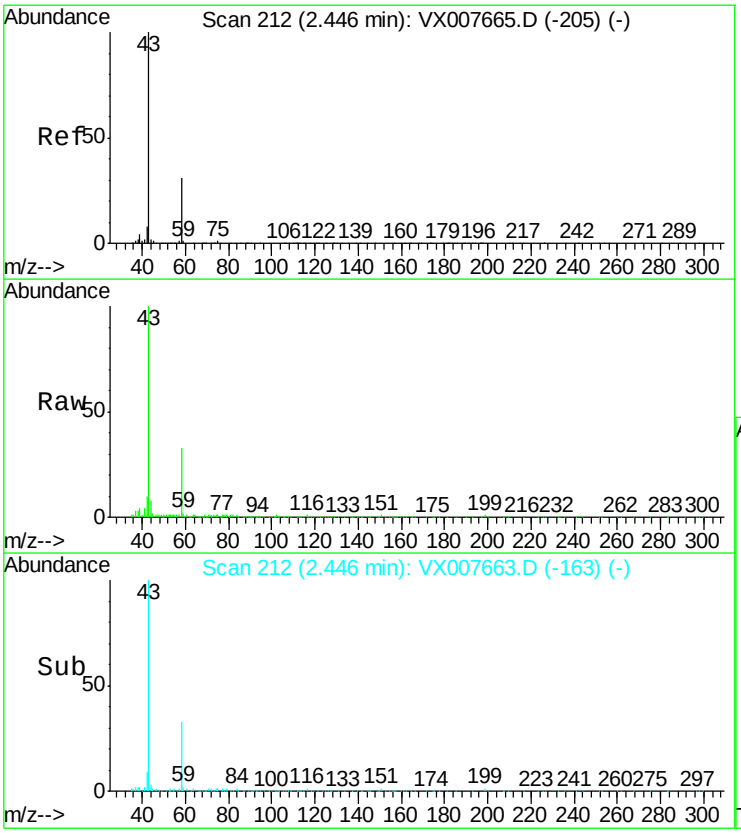

#15
Acrylonitrile
Concen: 25.364 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 53 Resp: 48908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.6 | 66.4 | 99.6 |
| 51 | 35.0 | 28.4 | 42.6 |

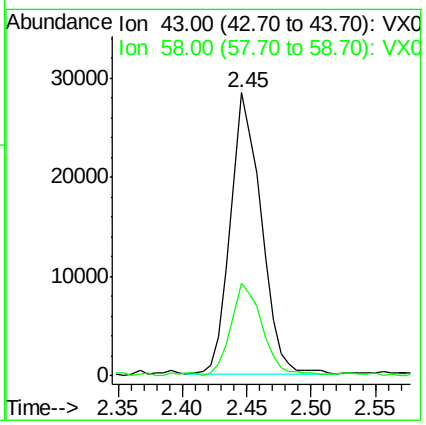


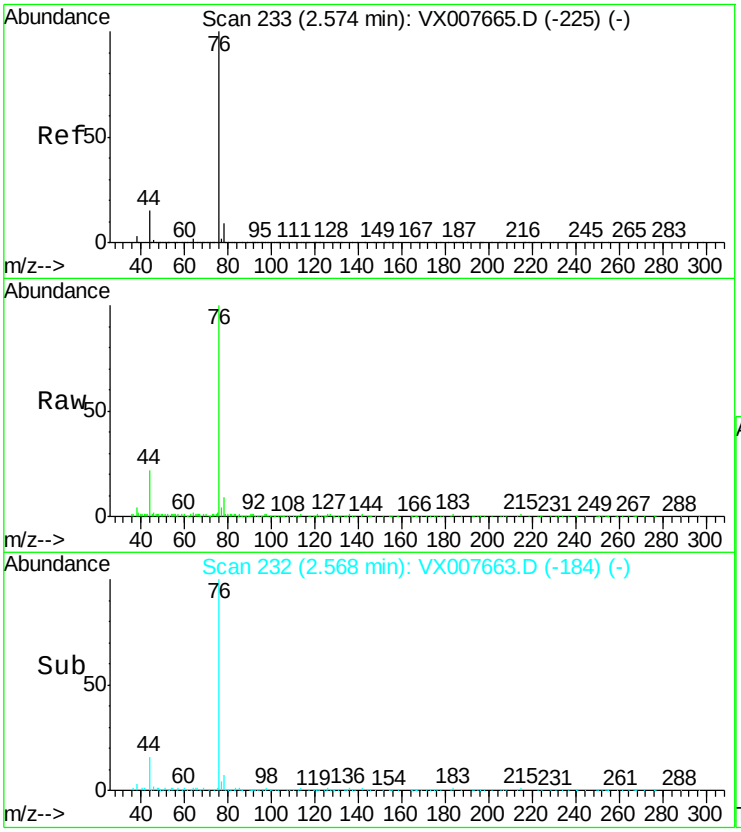




#16
Acetone
Concen: 24.605 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 43 Resp: 47253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.1 | 24.9 | 37.3 |



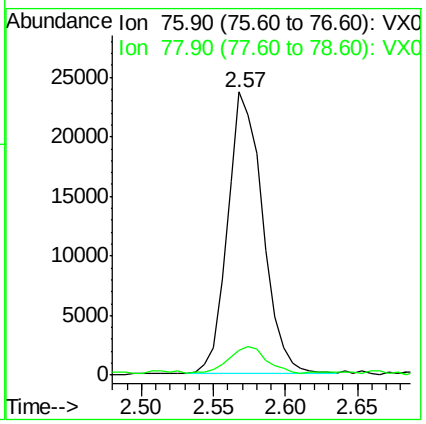


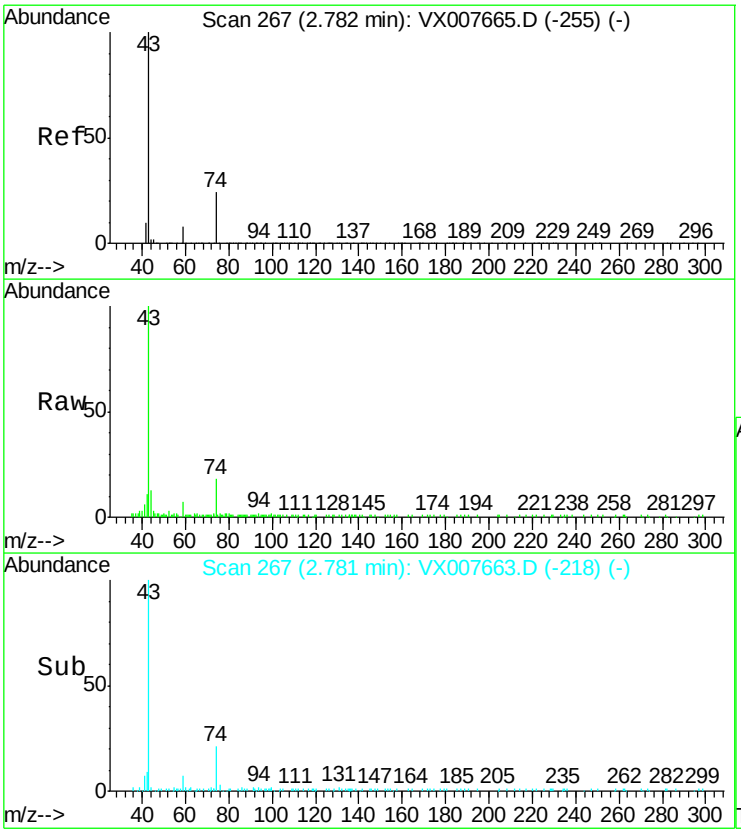

#17
Carbon Disulfide
Concen: 4.732 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 76 Resp: 40152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 7.8 | 7.1 | 10.7 |

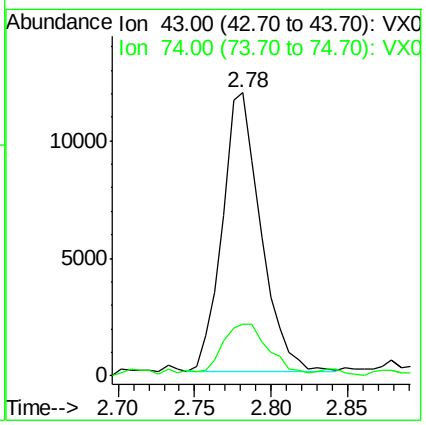


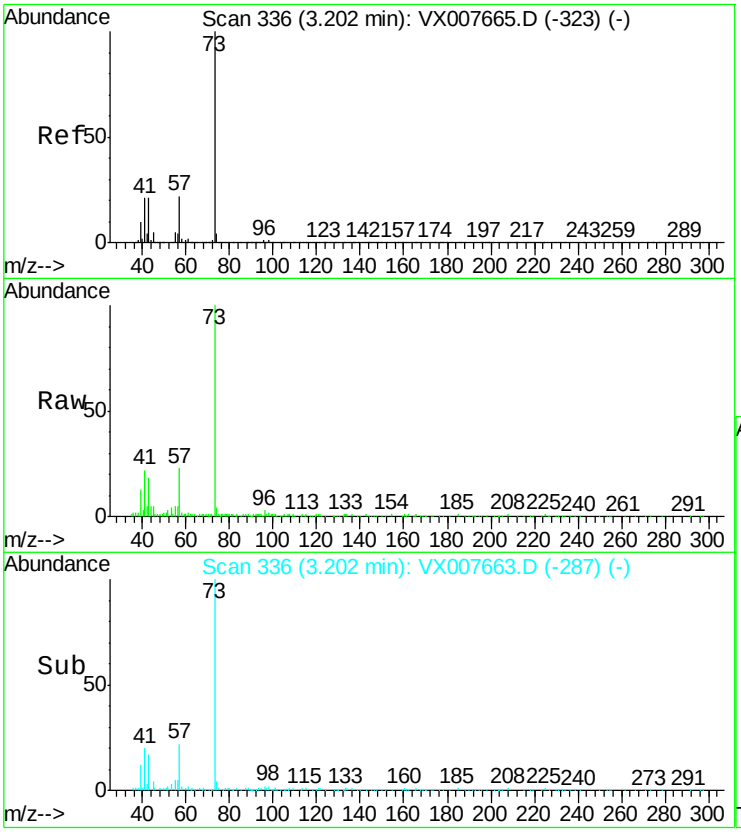




#18
Methyl Acetate
Concen: 4.939 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 43 Resp: 20696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.0 | 19.4 | 29.2 |



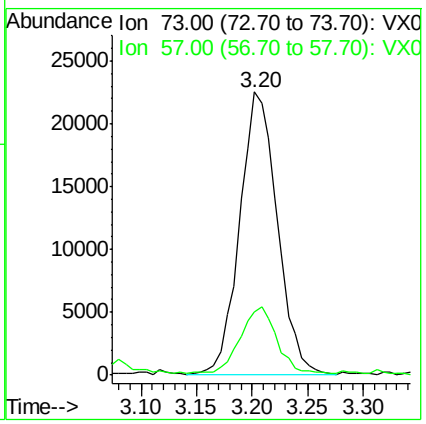


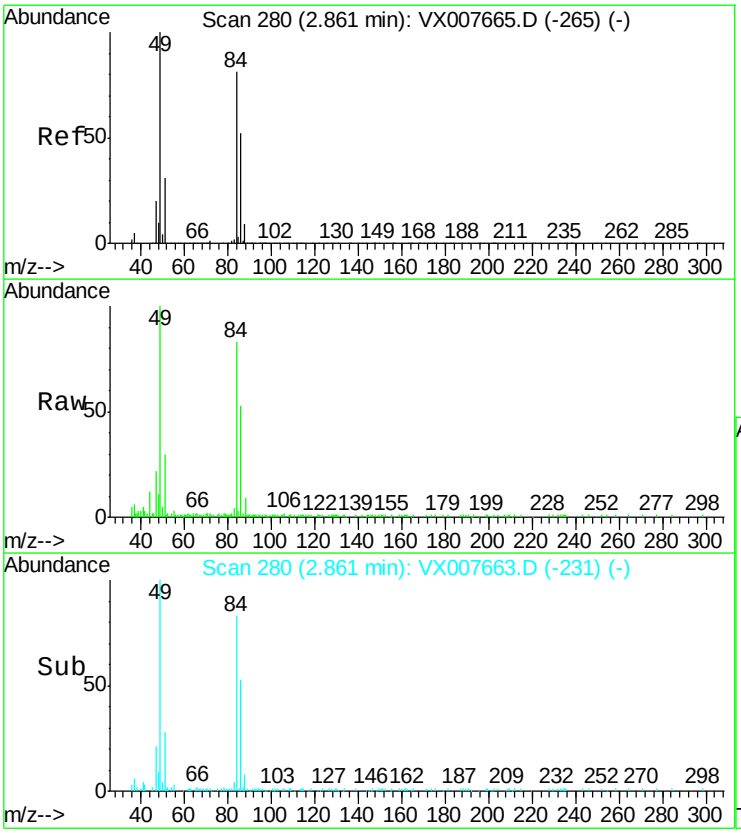

#19
Methyl tert-butyl Ether
Concen: 5.009 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion: 73 Resp: 53195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.9 | 17.8 | 26.8 |

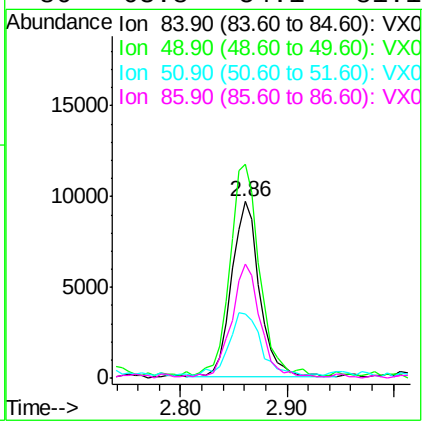


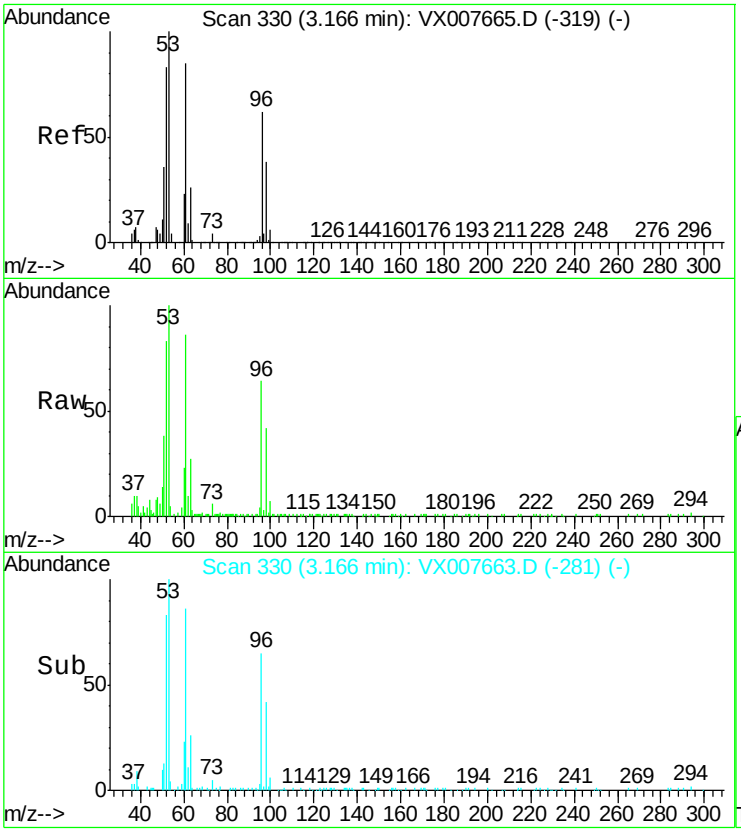




#20
Methylene Chloride
Concen: 4.996 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 84 Resp: 17717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 118.4 | 94.8 | 142.2 |
| 51 | 34.0 | 29.8 | 44.8 |
| 86 | 63.8 | 54.1 | 81.1 |



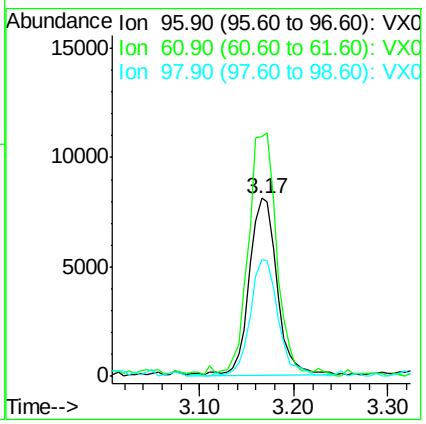


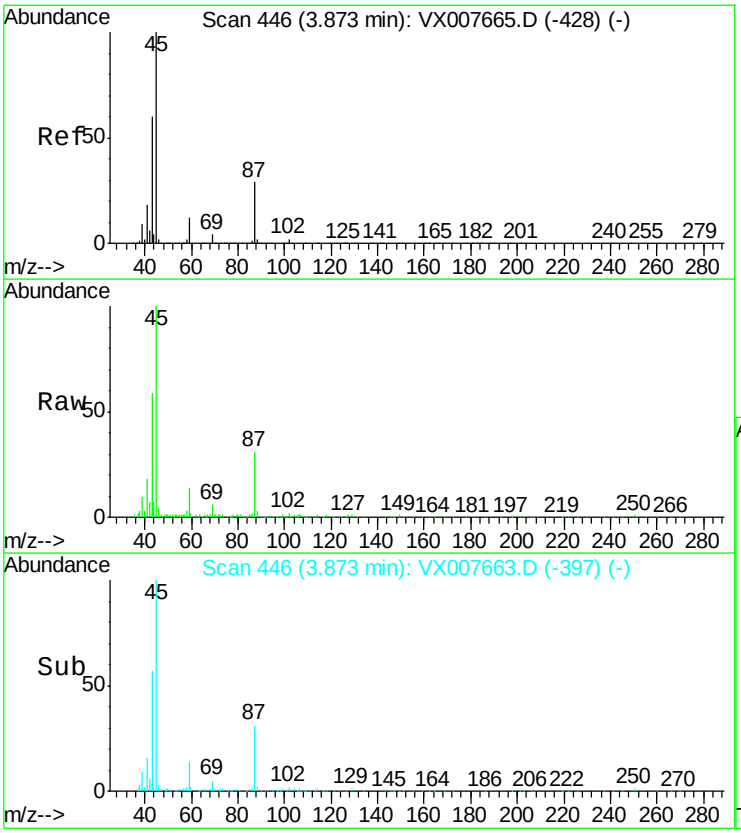

#21
trans-1,2-Dichloroethene
Concen: 5.092 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 96 Resp: 16883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 135.9 | 104.6 | 156.8 |
| 98 | 66.0 | 51.0 | 76.4 |

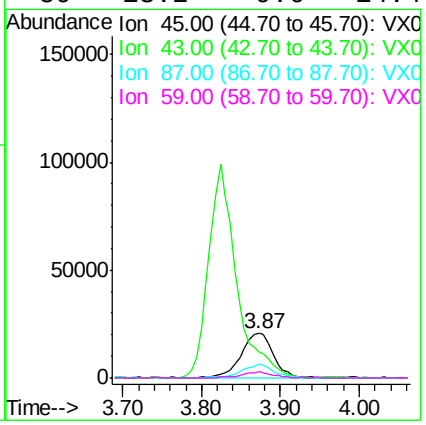


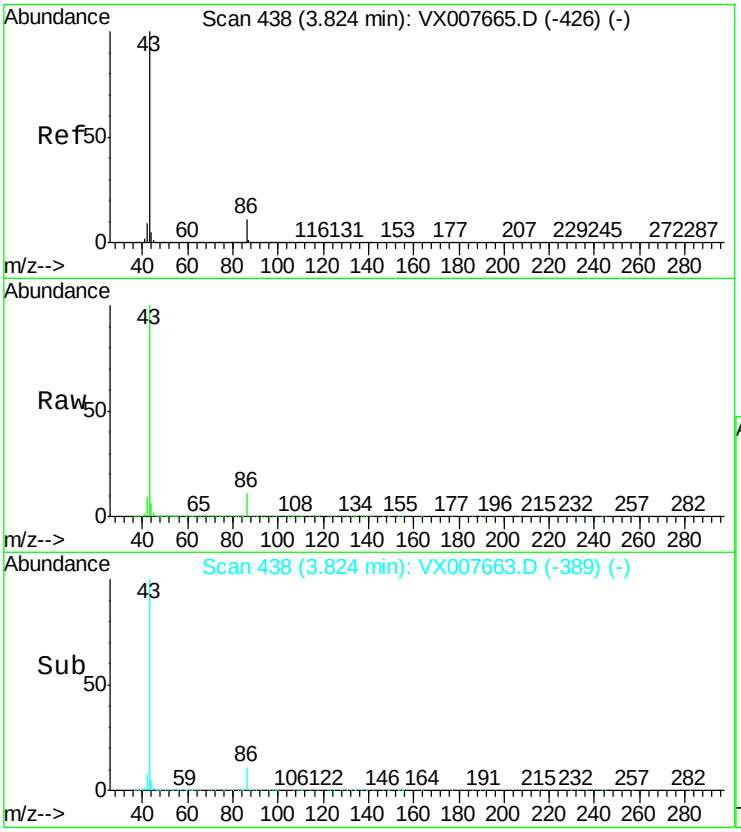




#22
Diisopropyl ether
Concen: 5.058 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 45 Resp: 59371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 56.3 | 48.9 | 73.3 |
| 87 | 31.4 | 23.9 | 35.9 |
| 59 | 13.2 | 9.6 | 14.4 |



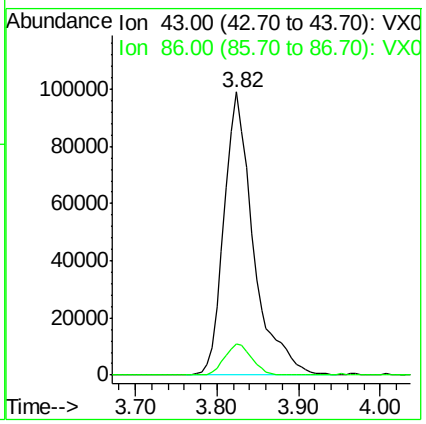


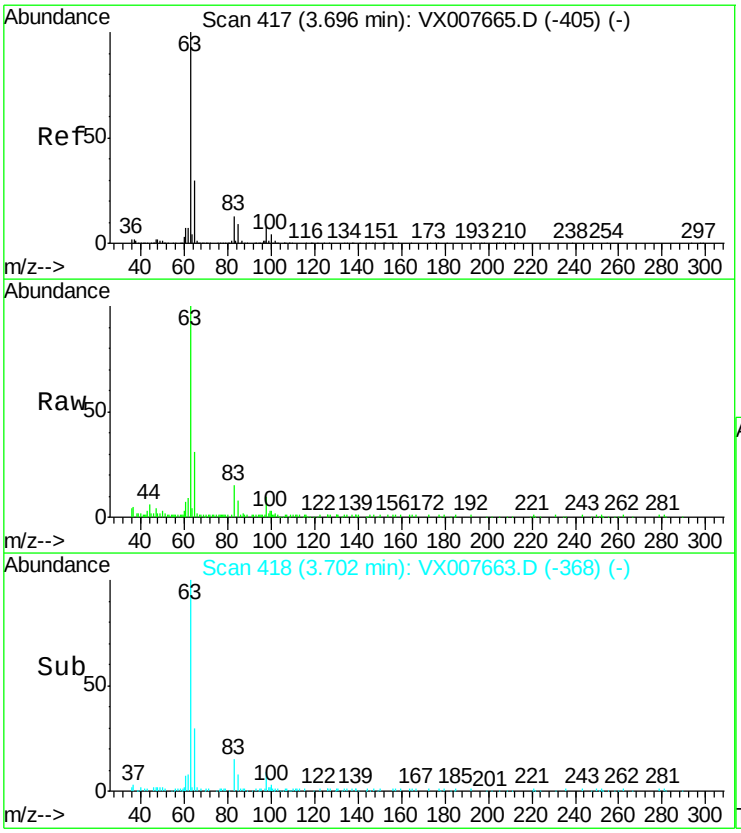

#23
Vinyl Acetate
Concen: 23.813 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion: 43 Resp: 245245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.1 | 8.7 | 13.1 |

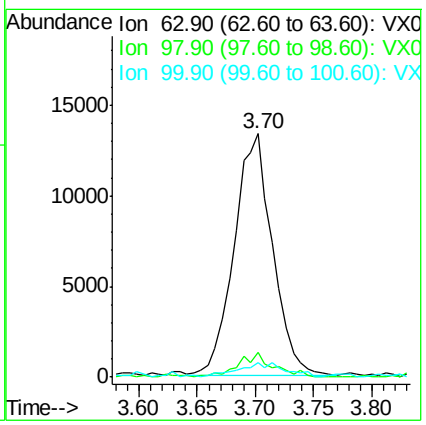


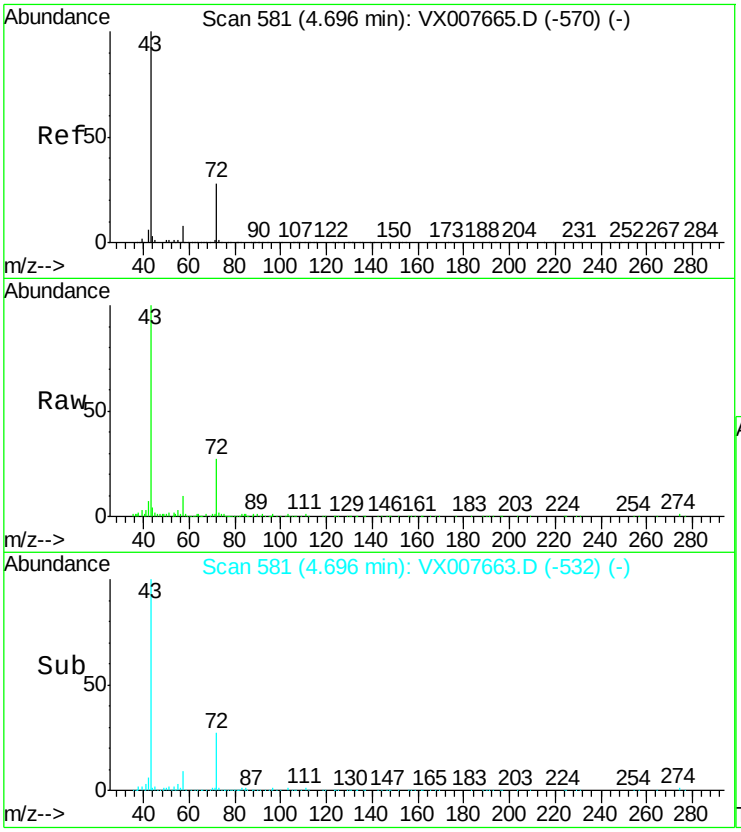




#24
1,1-Dichloroethane
Concen: 4.760 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 63 Resp: 30367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 10.4 | 3.6 | 10.8 |
| 100 | 5.7 | 2.5 | 7.4 |



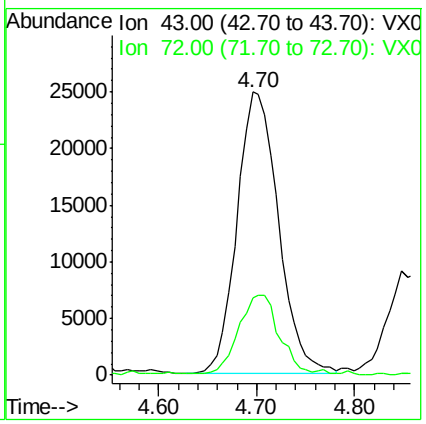


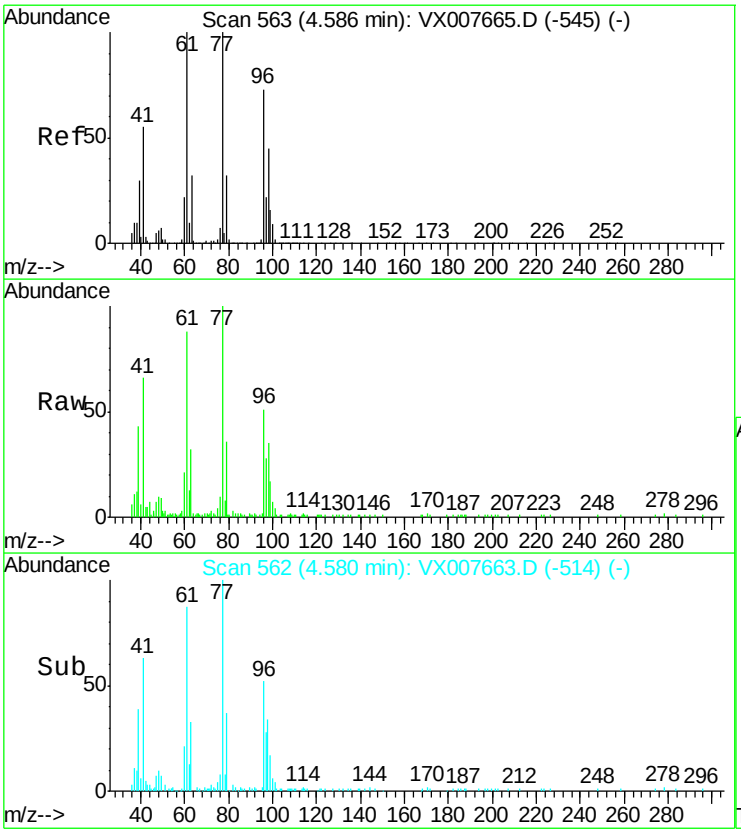

#25
2-Butanone
Concen: 25.035 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 73236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.0 | 22.2 | 33.2 |

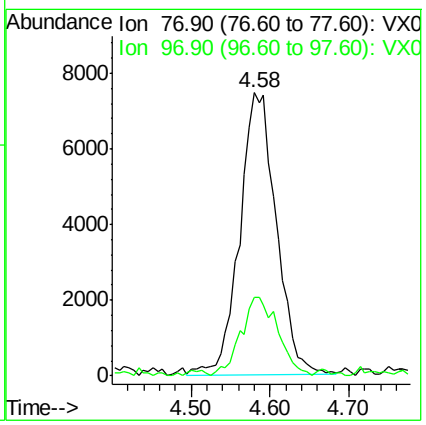


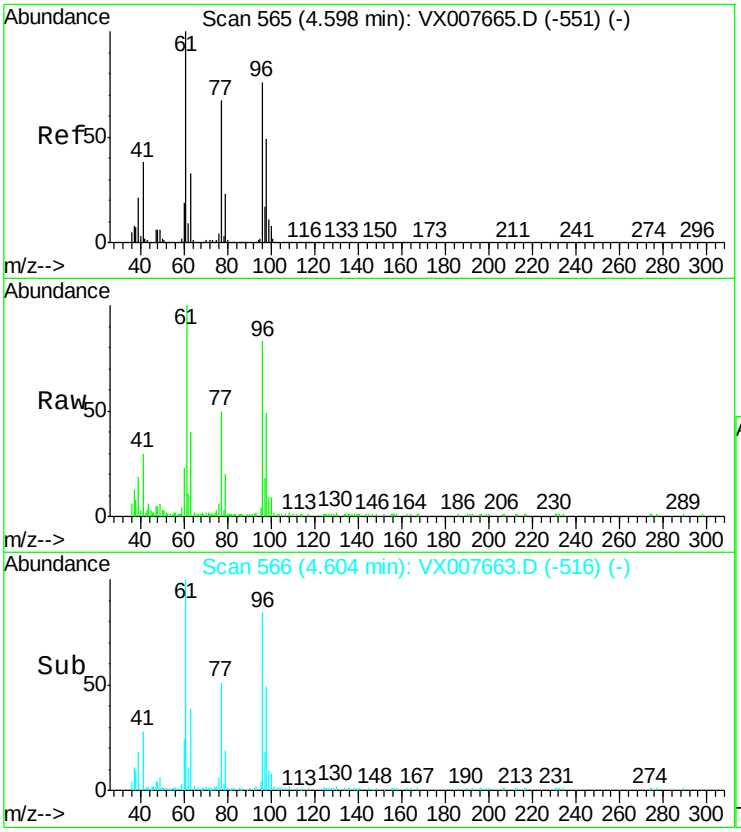




#26
2,2-Dichloropropane
Concen: 4.733 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 77 Resp: 24104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 28.2 | 12.1 | 36.3 |



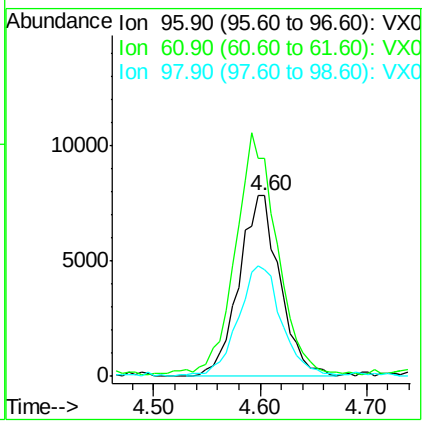


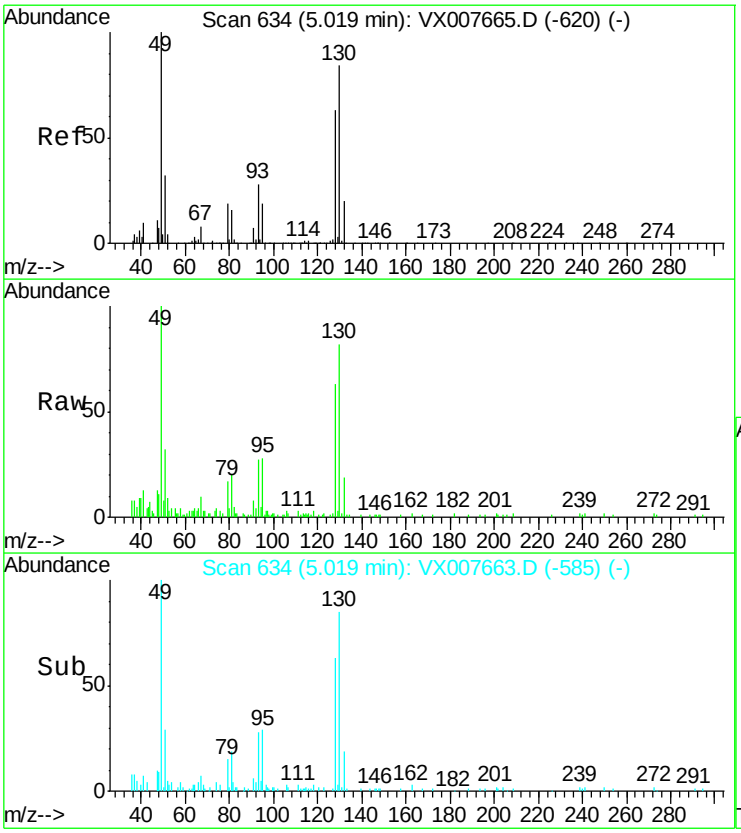

#27
cis-1,2-Dichloroethene
Concen: 4.999 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 96 Resp: 21090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 137.1 | 0.0 | 265.6 |
| 98 | 65.3 | 0.0 | 131.6 |

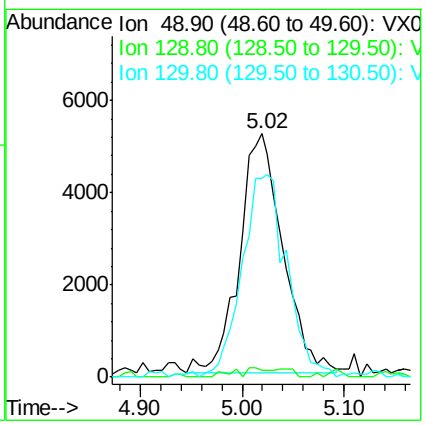


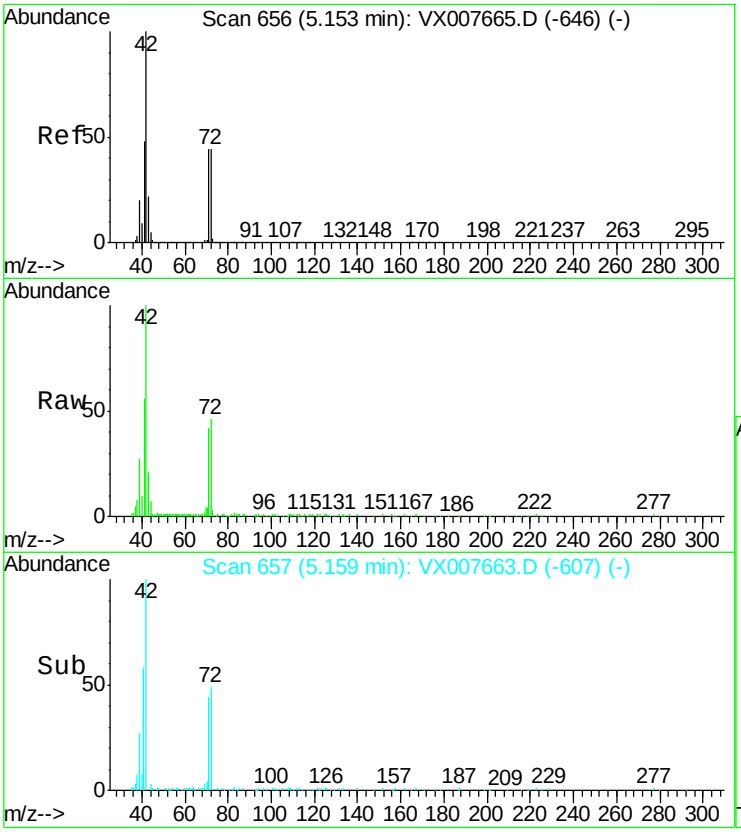




#28
Bromochloromethane
Concen: 4.912 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 49 Resp: 15256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.6 | 0.0 | 5.6 |
| 130 | 87.6 | 75.6 | 113.4 |



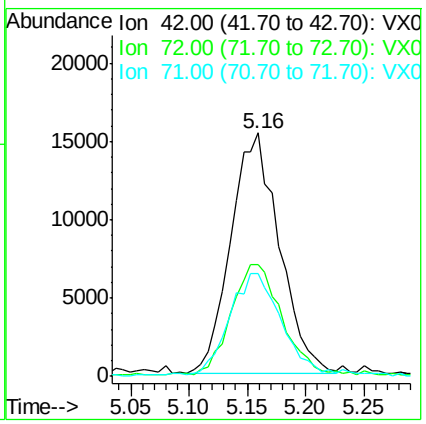


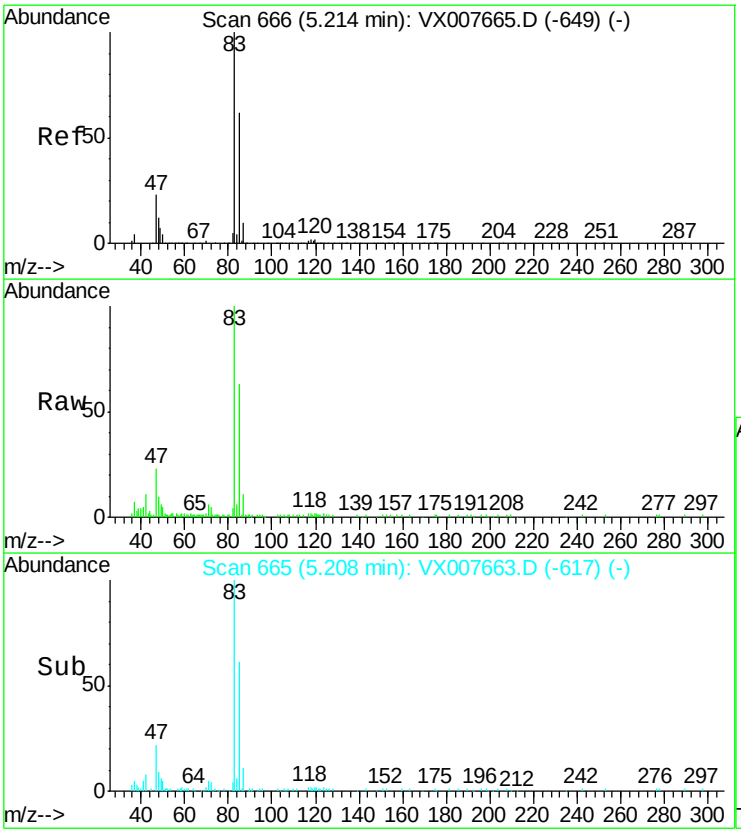

#29
Tetrahydrofuran
Concen: 23.029 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 42 Resp: 44408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.7 | 37.6 | 56.4 |
| 71 | 45.0 | 34.6 | 51.8 |

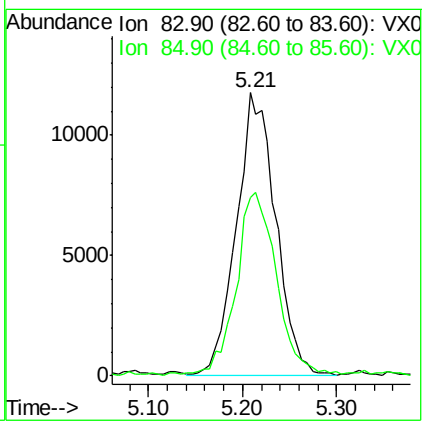


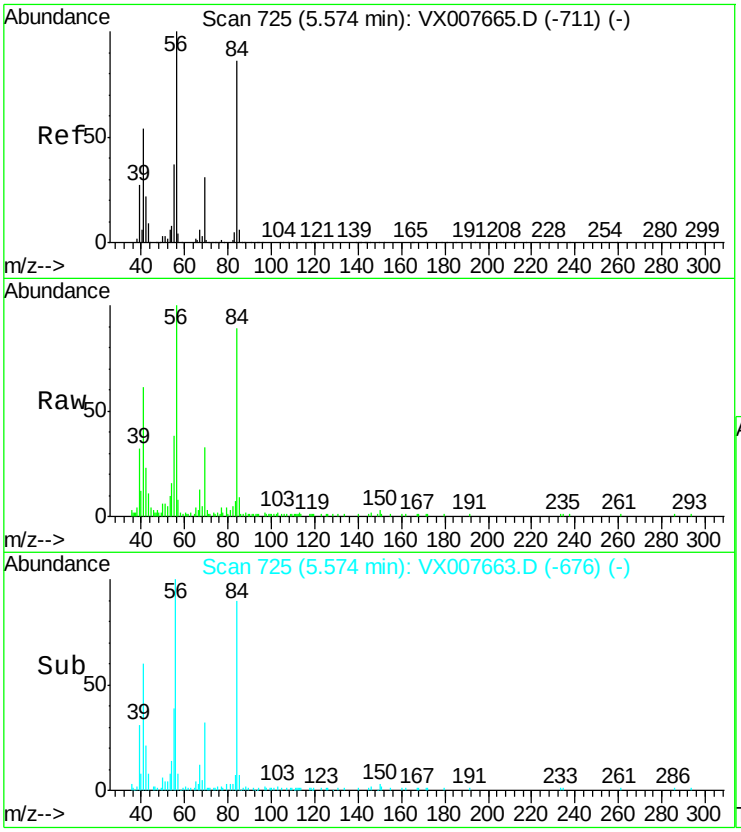




#30
Chloroform
Concen: 5.046 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 83 Resp: 34481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.1 | 51.6 | 77.4 |



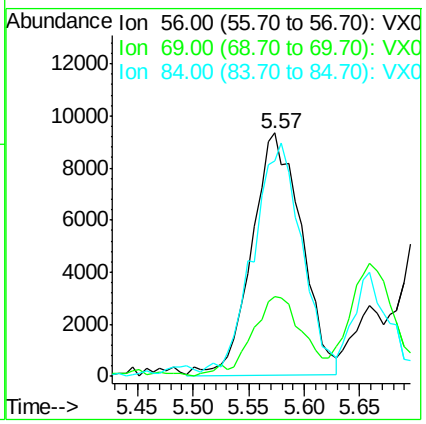


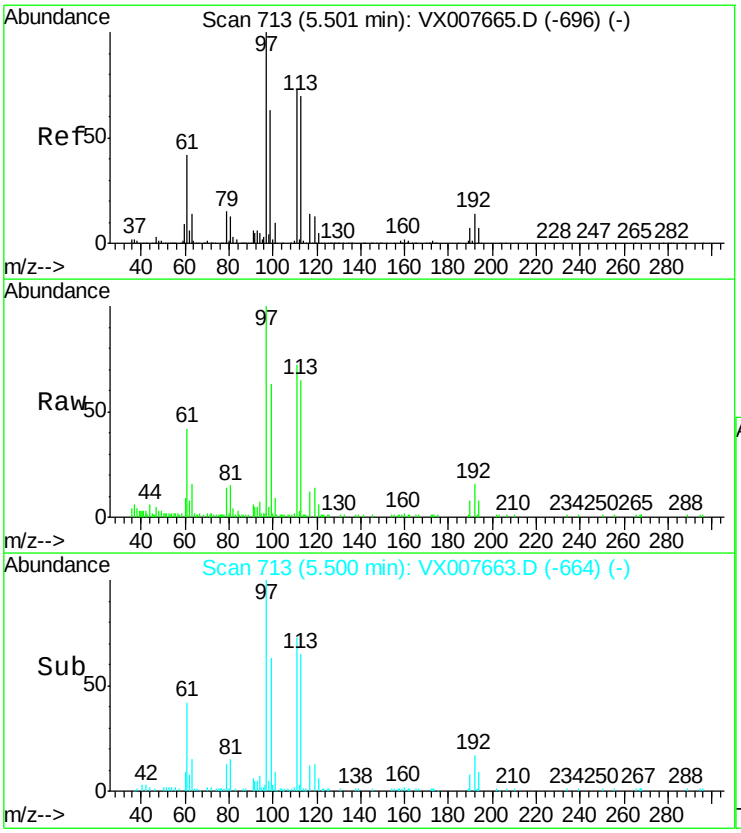

#31
Cyclohexane
Concen: 4.809 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion: 56 Resp: 28858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.6 | 23.0 | 34.6 |
| 84 | 85.6 | 69.8 | 104.6 |

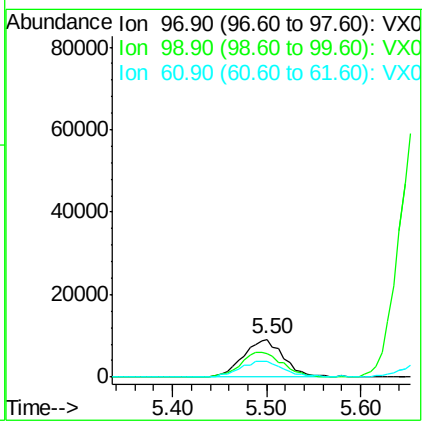


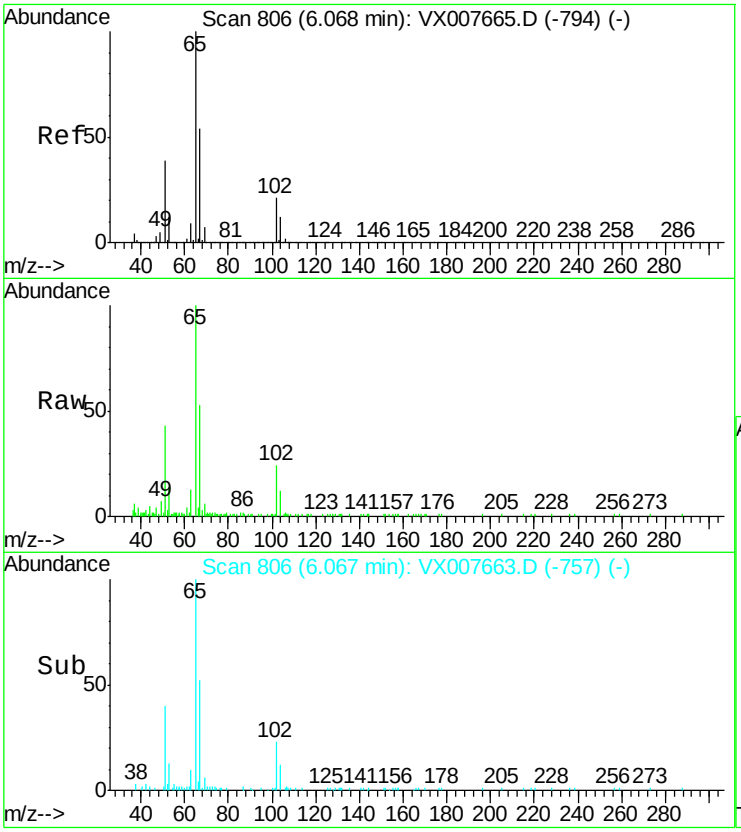




#32
1,1,1-Trichloroethane
Concen: 4.748 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 97 Resp: 26835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 67.4 | 52.2 | 78.2 |
| 61 | 46.0 | 32.7 | 49.1 |



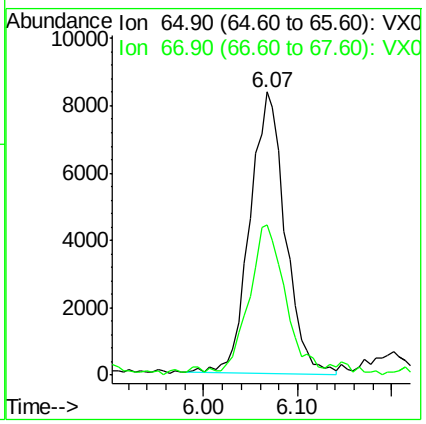


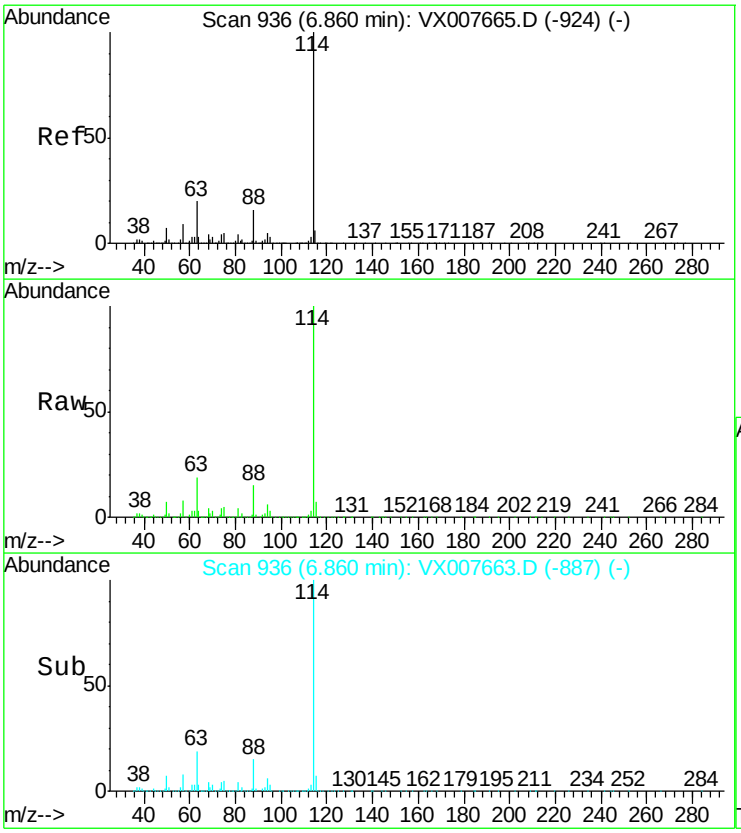

#33
1,2-Dichloroethane-d4
Concen: 5.079 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 65 Resp: 21932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.2 | 0.0 | 108.8 |

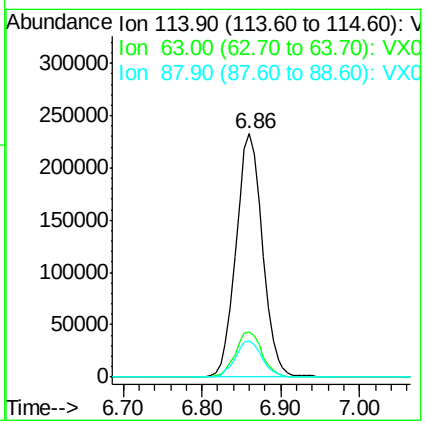


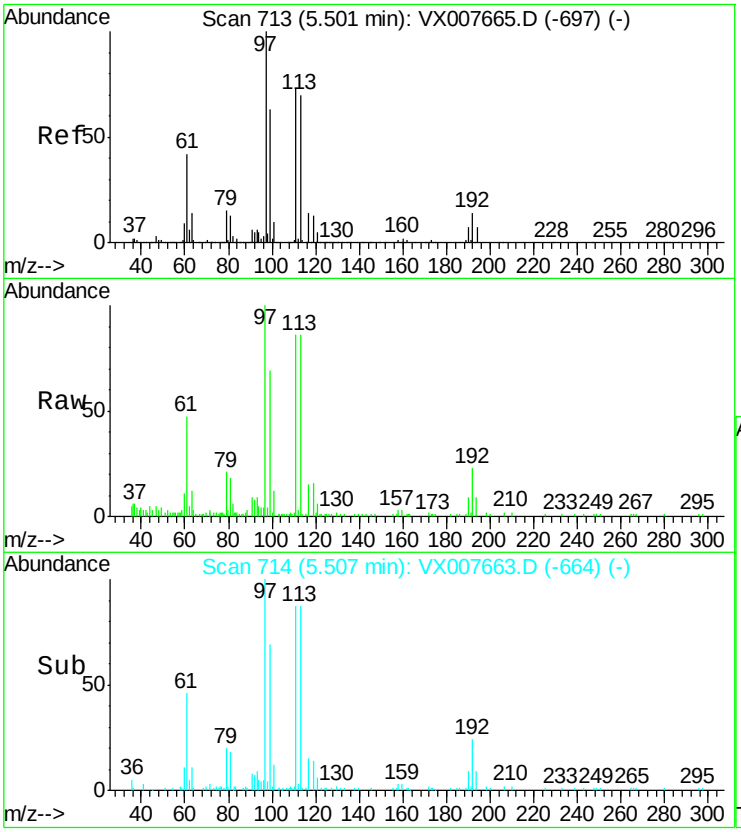




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:114 Resp: 544311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.7 | 0.0 | 35.6 |
| 88 | 15.1 | 0.0 | 29.6 |



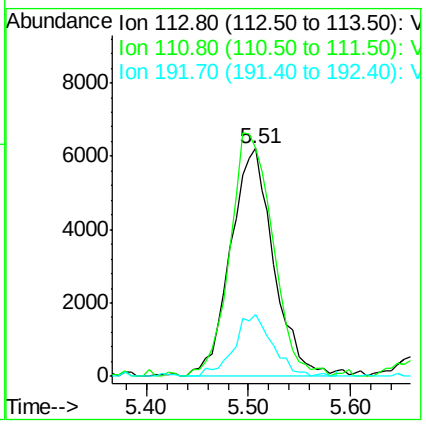


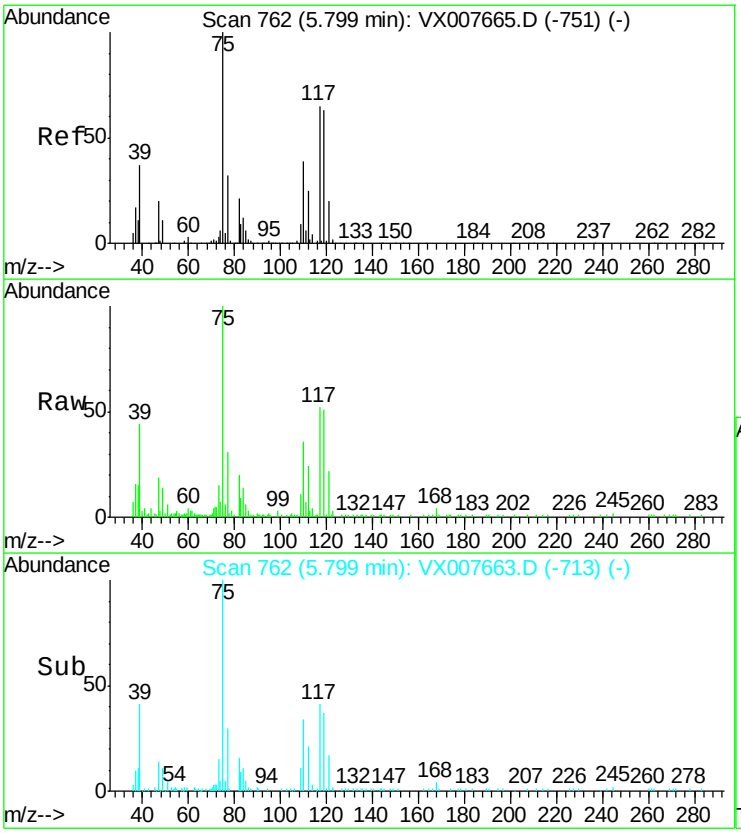

#35
Dibromofluoromethane
Concen: 5.014 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:113 Resp: 18242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 105.9 | 81.8 | 122.8 |
| 192 | 24.2 | 18.5 | 27.7 |

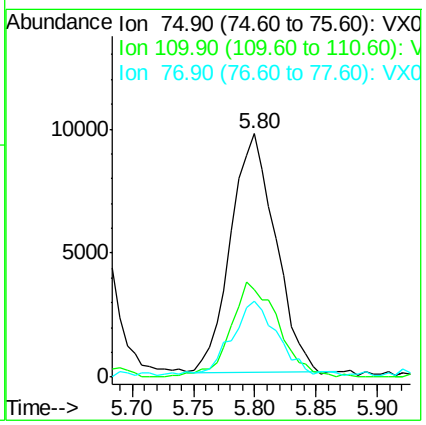


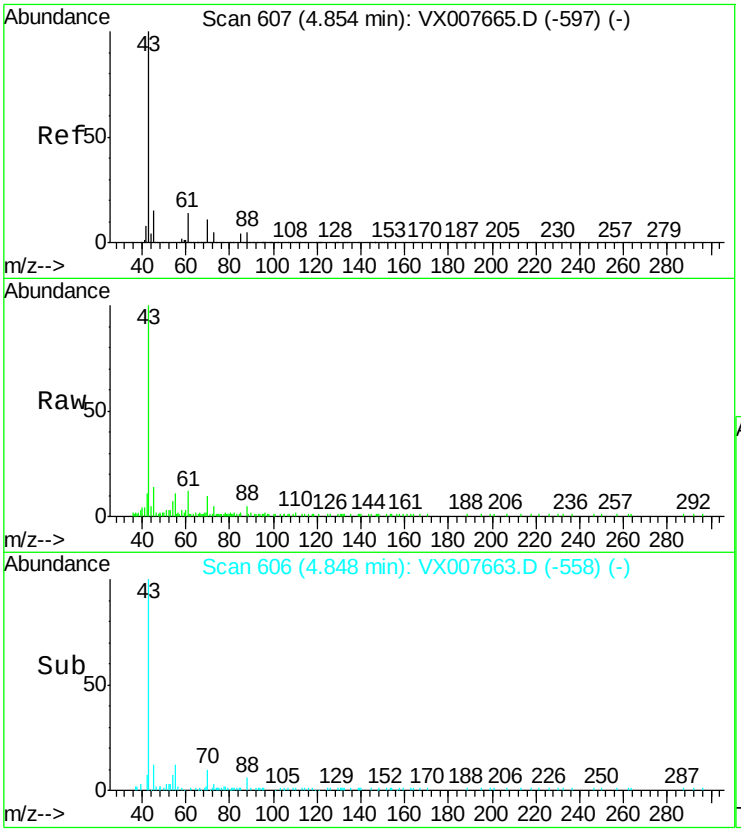




#36
1,1-Dichloropropene
Concen: 5.039 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 75 Resp: 24657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 41.7 | 20.0 | 59.9 |
| 77 | 33.8 | 24.7 | 37.1 |



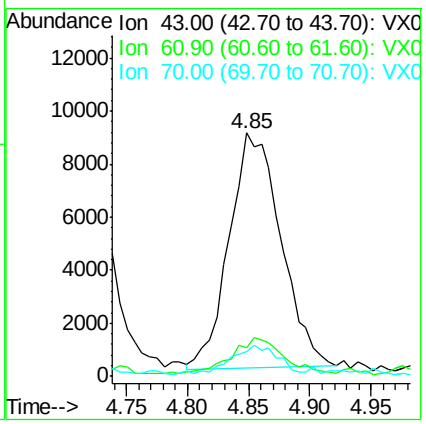


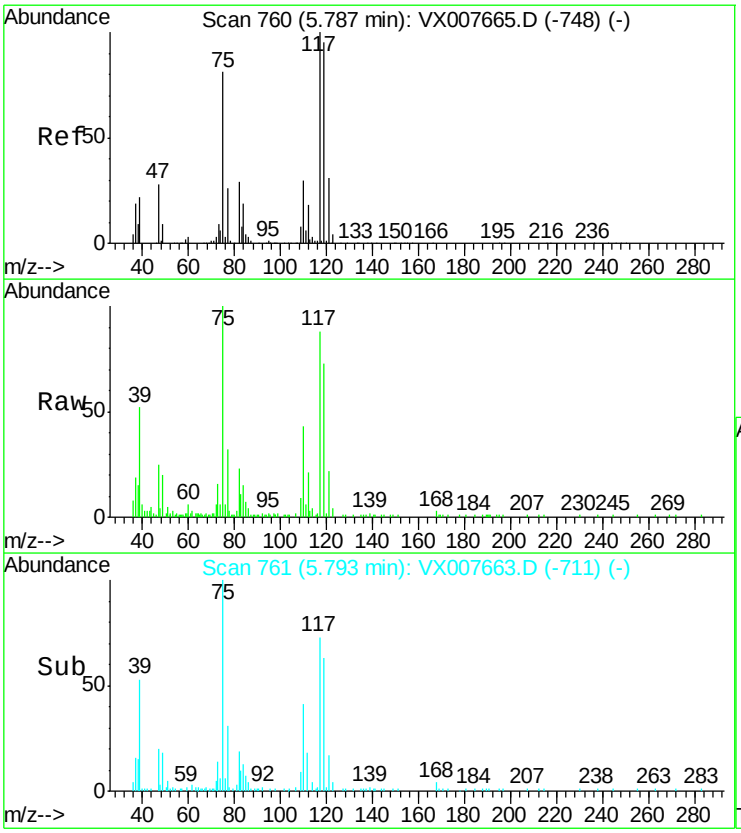

#37
Ethyl Acetate
Concen: 4.786 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 26014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.2 | 11.3 | 16.9 |
| 70 | 10.3 | 8.6 | 13.0 |

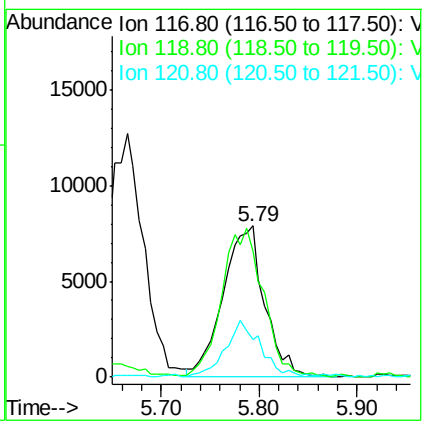


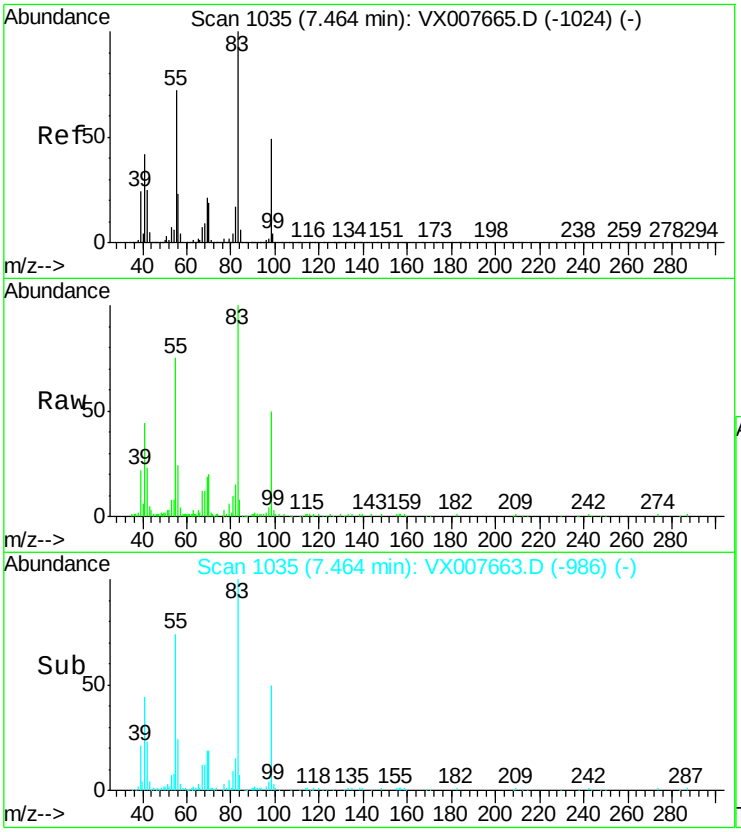




#38
Carbon Tetrachloride
Concen: 4.737 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:117 Resp: 23284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 82.2 | 75.3 | 112.9 |
| 121 | 24.9 | 25.0 | 37.4# |



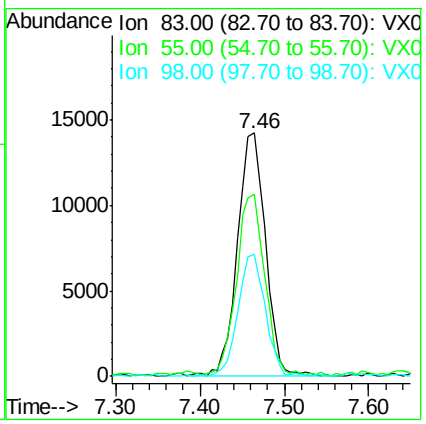


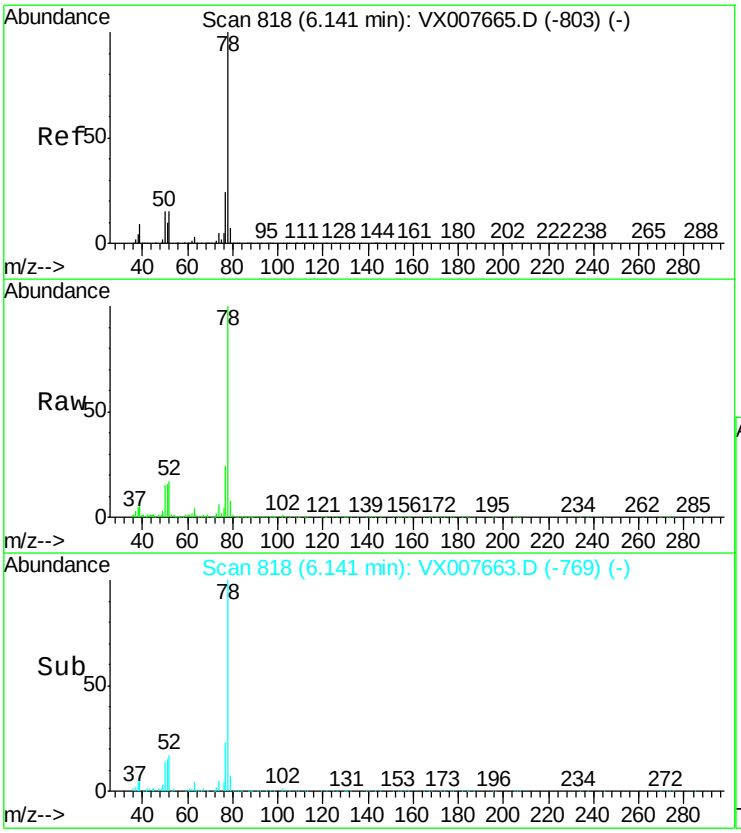

#39
Methylcyclohexane
Concen: 5.164 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 31941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 73.2 | 56.2 | 84.2 |
| 98 | 50.2 | 36.8 | 55.2 |

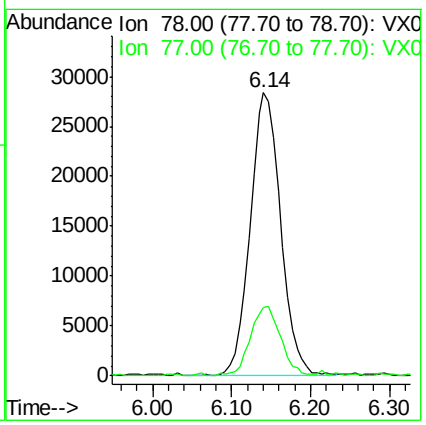


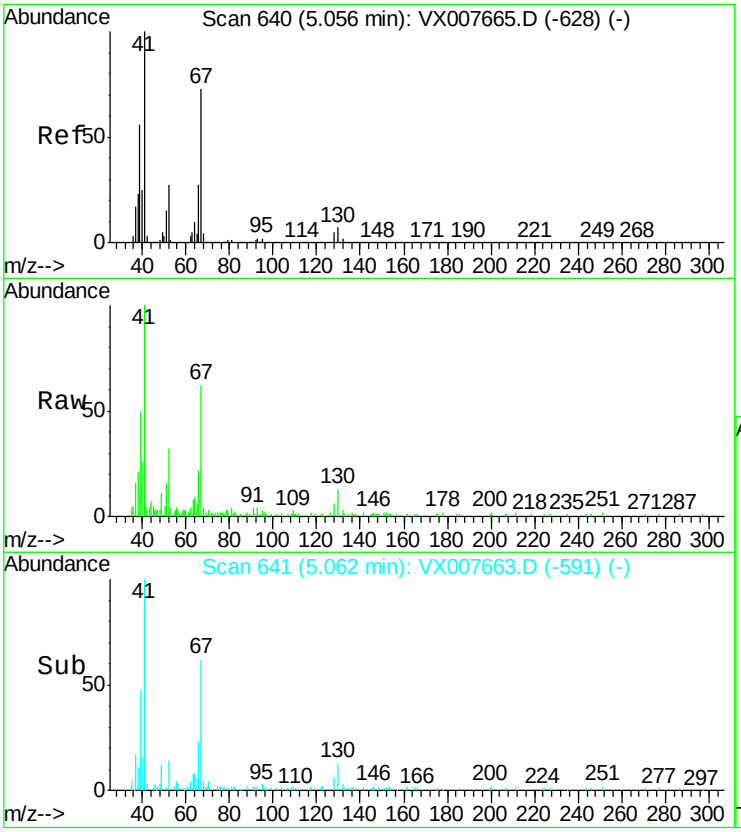




#40
Benzene
Concen: 5.060 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 78 Resp: 76434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.1 | 19.3 | 28.9 |



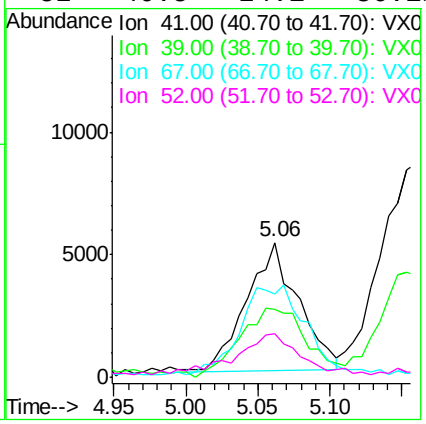


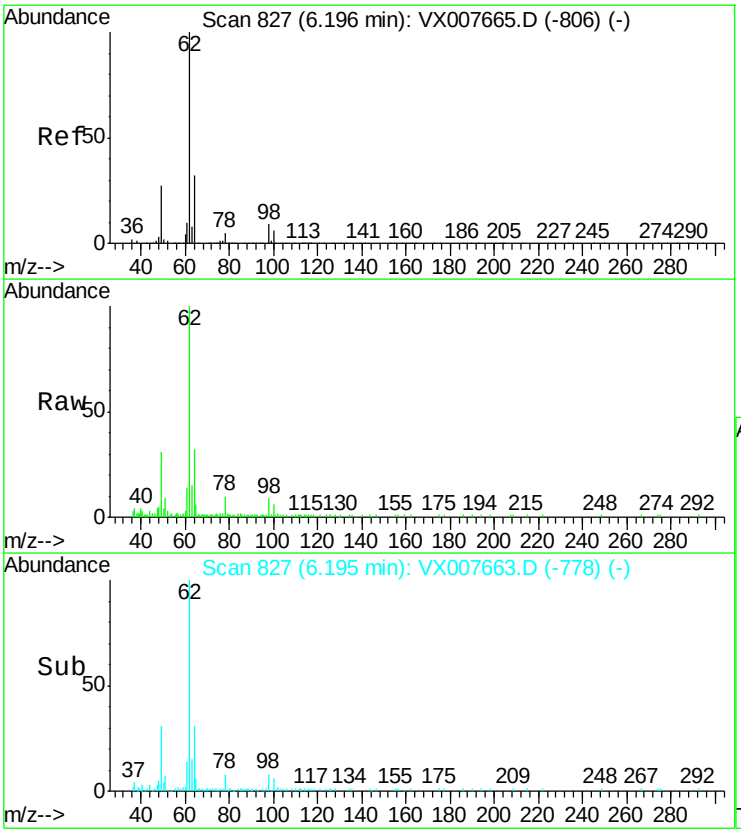

#41
Methacrylonitrile
Concen: 4.520 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion: 41 Resp: 13119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 70.3 | 44.5 | 66.7# |
| 67 | 88.9 | 60.4 | 90.6 |
| 52 | 40.5 | 24.1 | 36.1# |

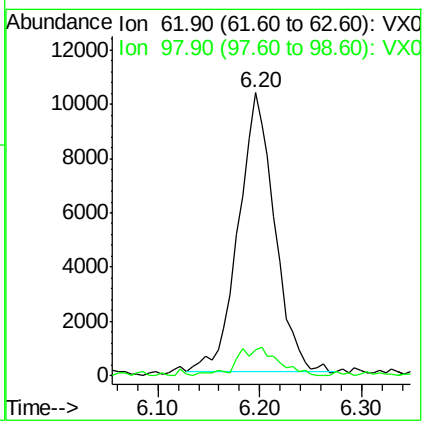


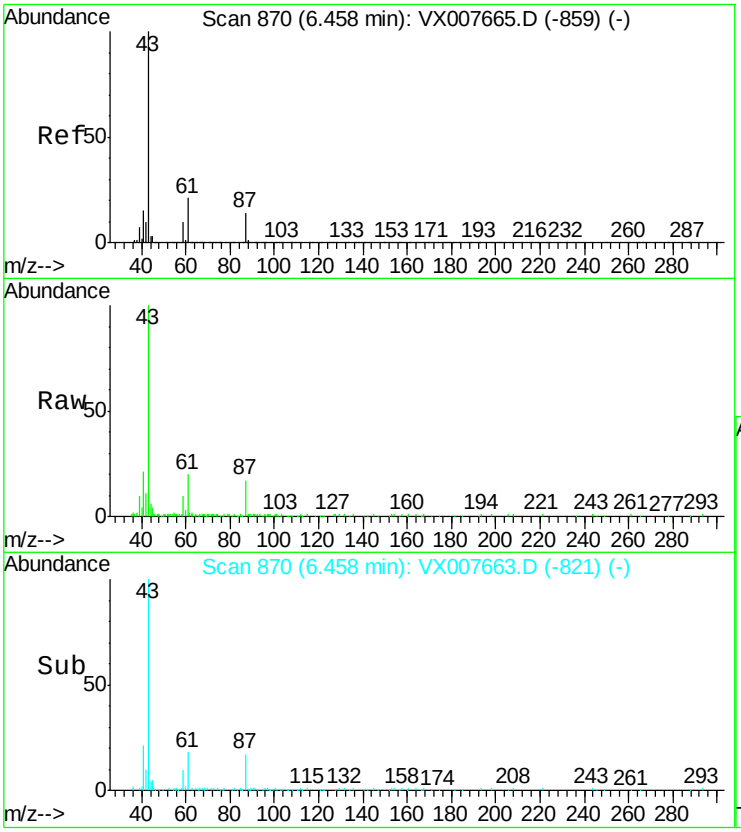




#42
1,2-Dichloroethane
Concen: 4.920 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 62 Resp: 24981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 12.2 | 0.0 | 19.0 |



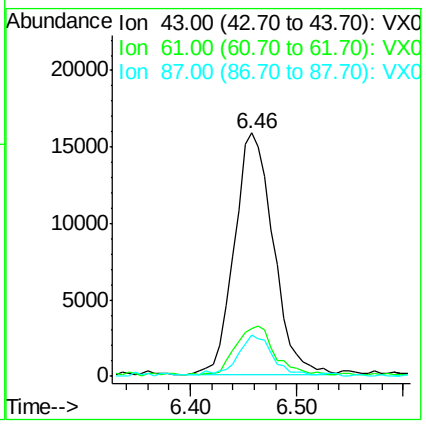


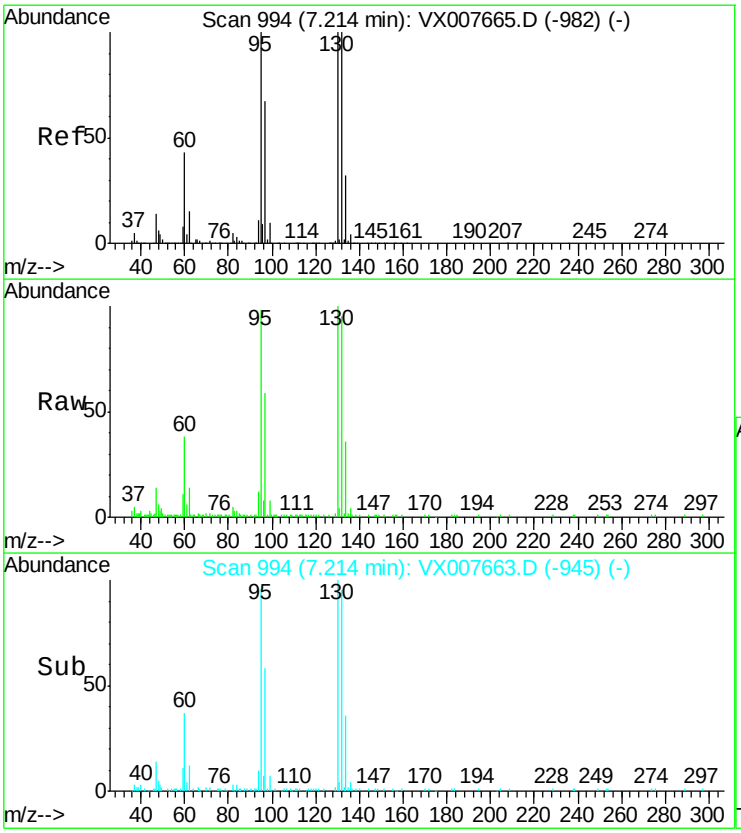

#43
Isopropyl Acetate
Concen: 4.861 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 40671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.3 | 16.1 | 24.1 |
| 87 | 14.7 | 11.5 | 17.3 |

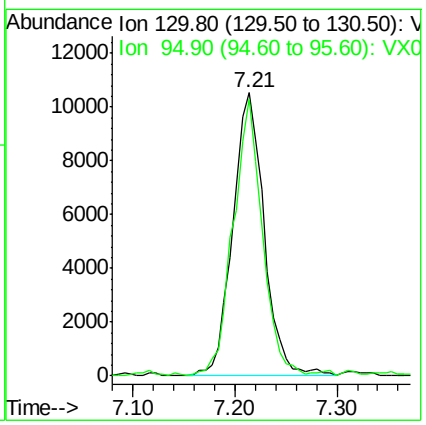


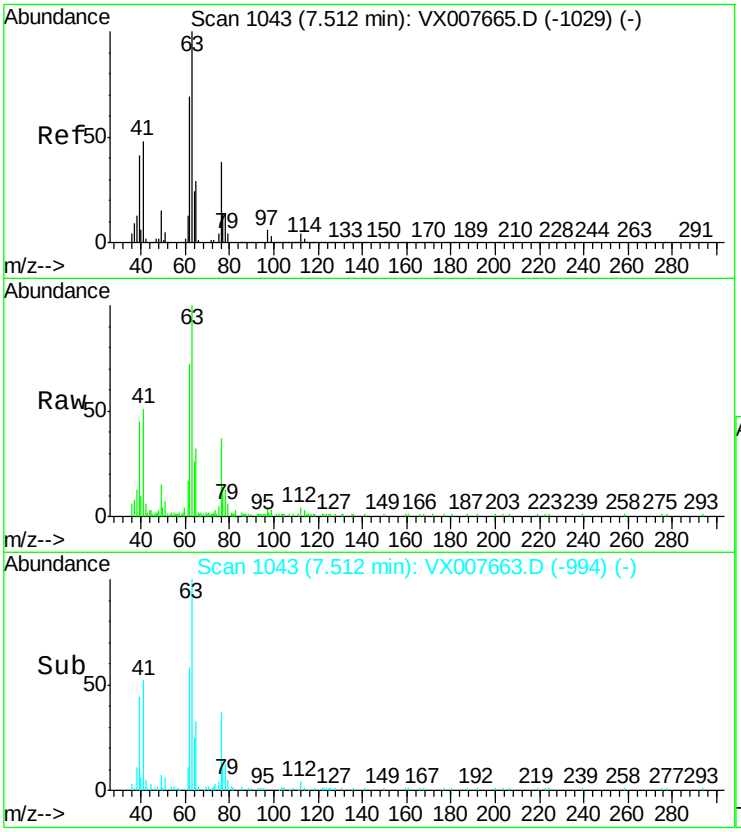




#44
Trichloroethene
Concen: 5.399 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:130 Resp: 22434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 97.9 | 0.0 | 180.0 |



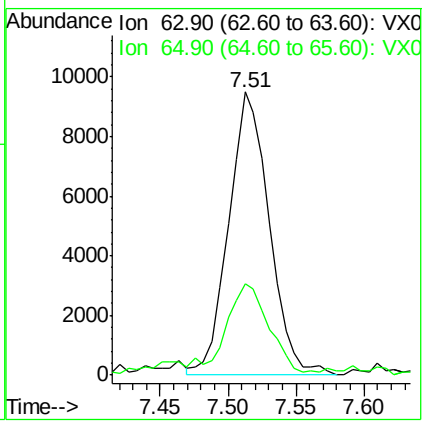


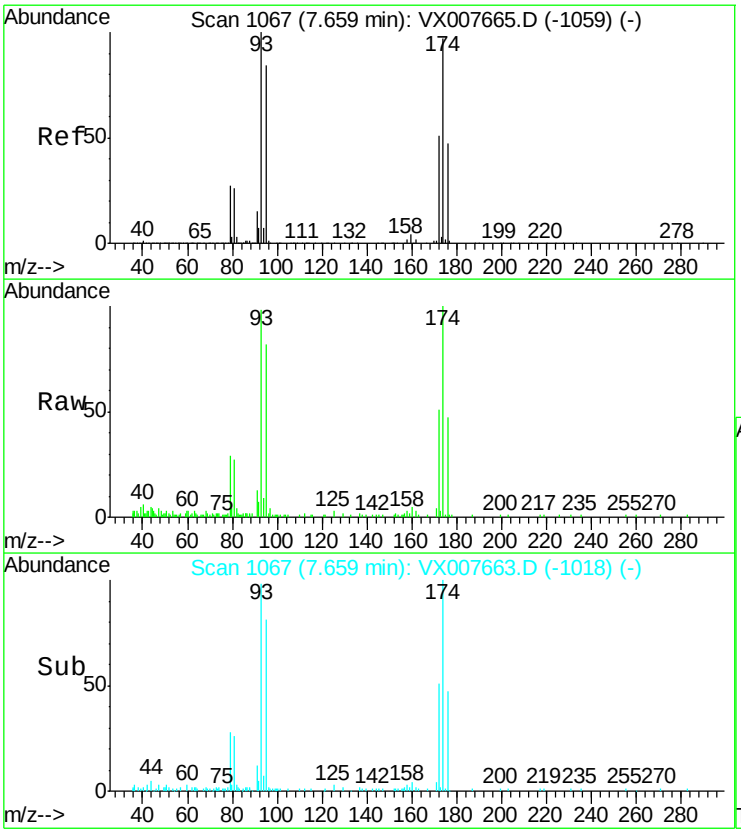

#45
1,2-Dichloropropane
Concen: 5.051 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion: 63 Resp: 19764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.7 | 24.2 | 36.2 |

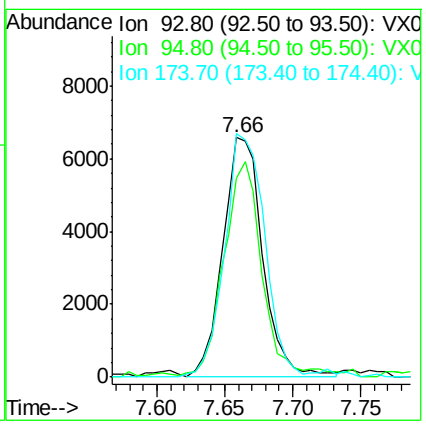


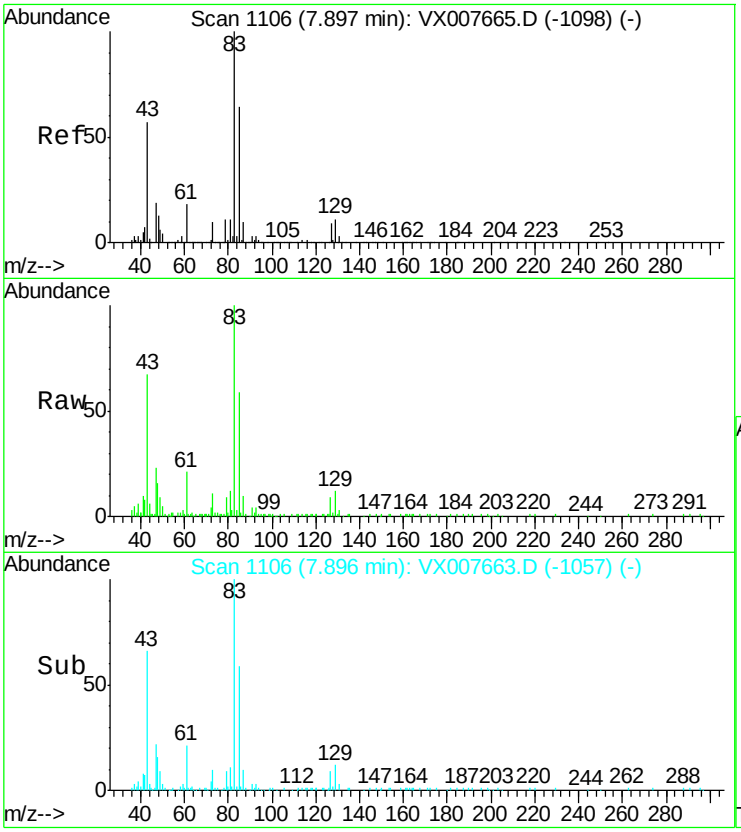




#46
Dibromomethane
Concen: 4.919 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 93 Resp: 13428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 87.7 | 67.6 | 101.4 |
| 174 | 102.2 | 94.2 | 141.4 |



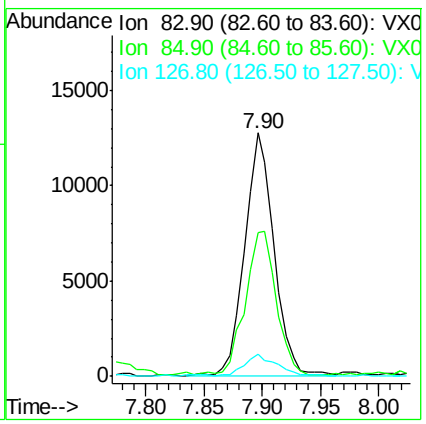


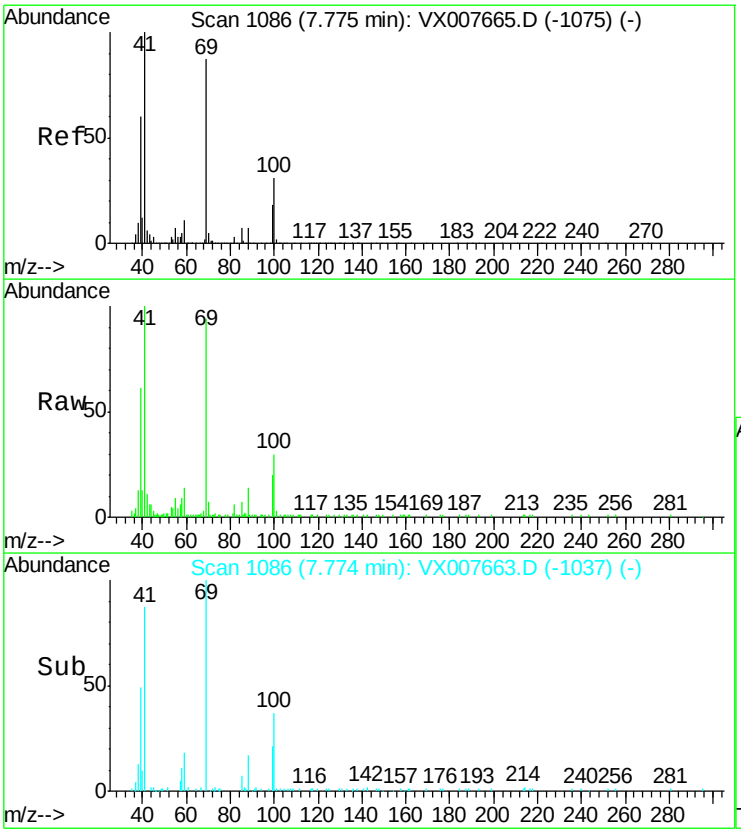

#47
Bromodichloromethane
Concen: 4.771 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 83 Resp: 22570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 57.9 | 51.4 | 77.0 |
| 127 | 9.1 | 8.1 | 12.1 |

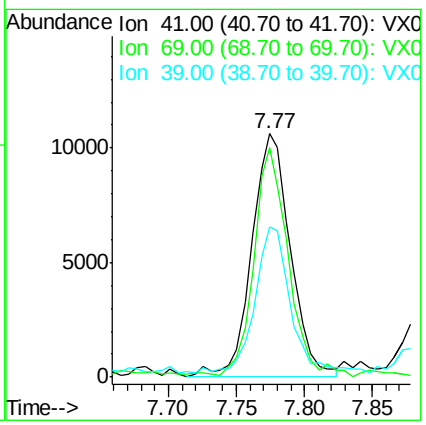


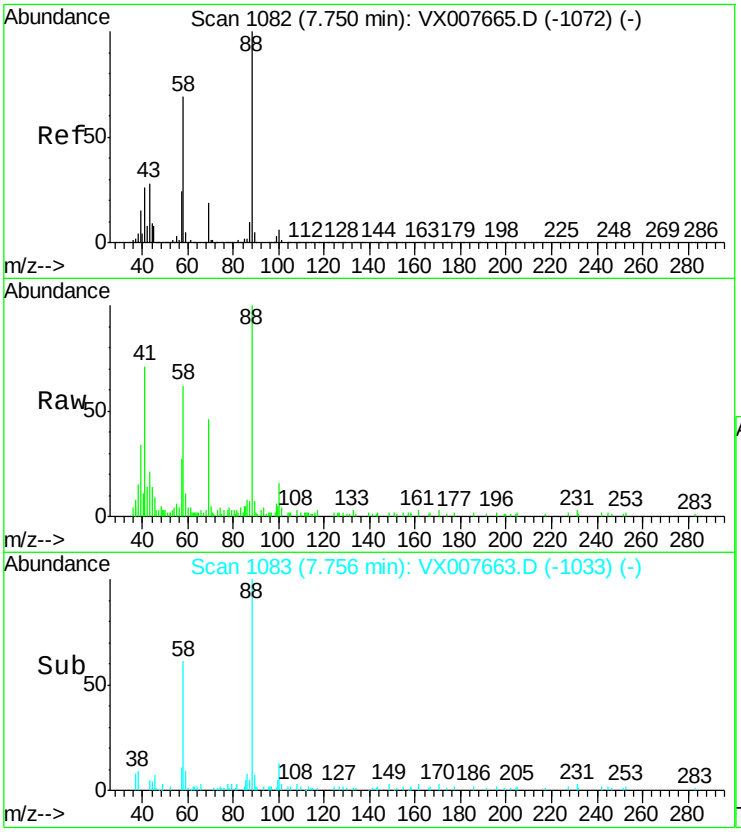




#48
Methyl methacrylate
Concen: 4.845 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 41 Resp: 21248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 83.4 | 70.2 | 105.4 |
| 39 | 54.3 | 47.4 | 71.0 |



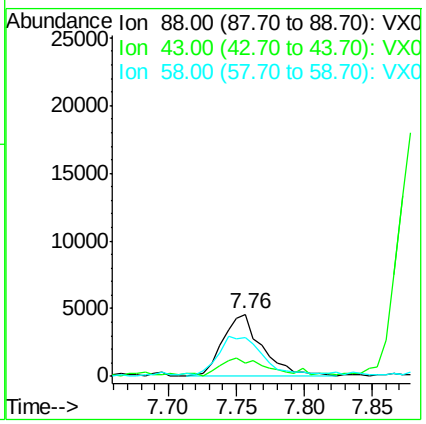


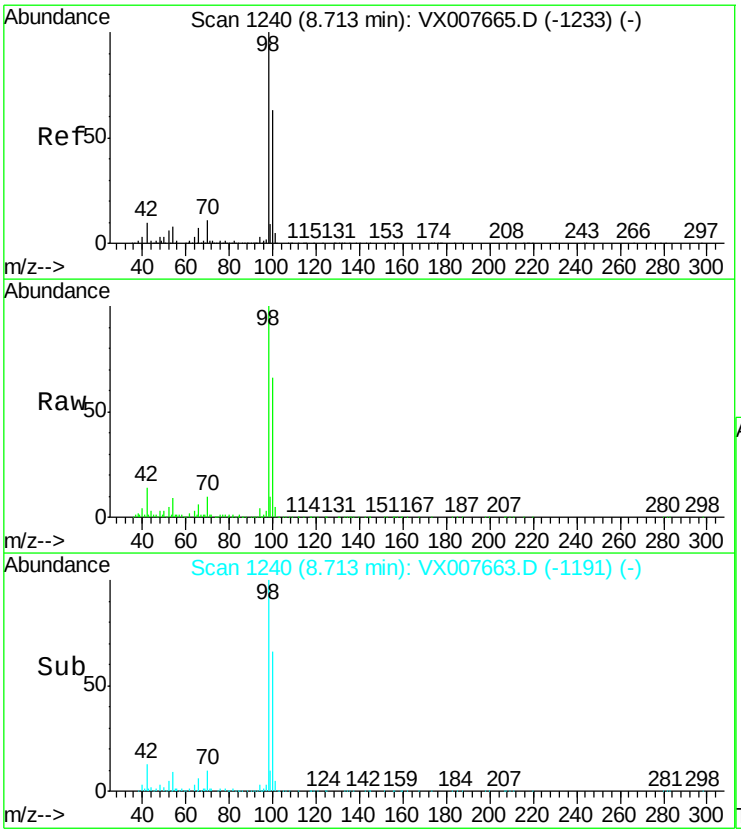

#49
1,4-Dioxane
Concen: 97.965 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 88 Resp: 9279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 32.2 | 24.2 | 36.4 |
| 58 | 67.7 | 53.0 | 79.4 |

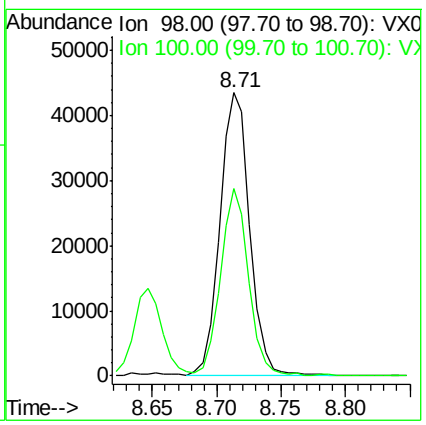


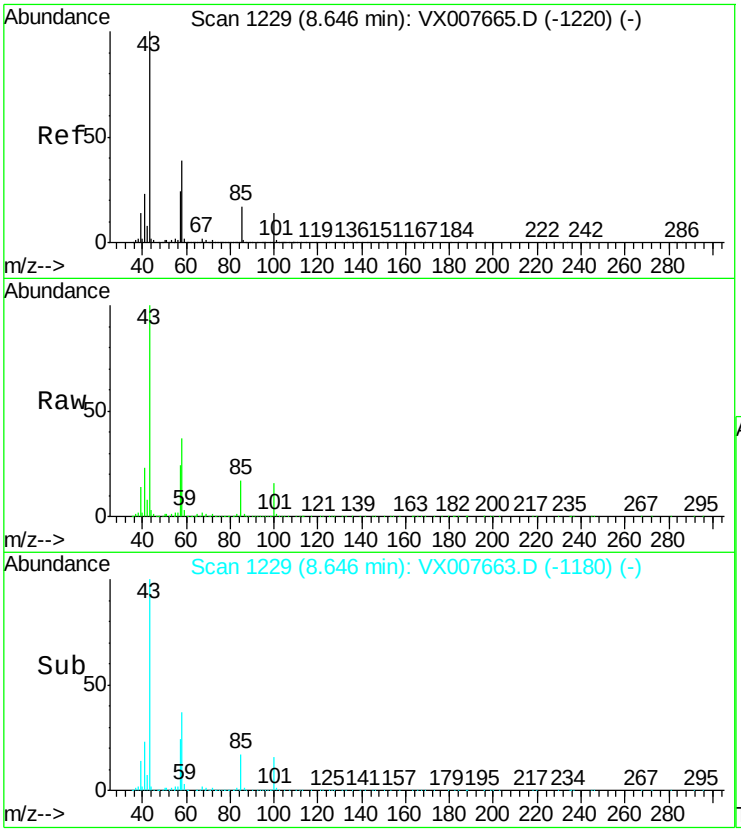




#50
Toluene-d8
Concen: 5.009 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 98 Resp: 69778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.5 | 51.6 | 77.4 |



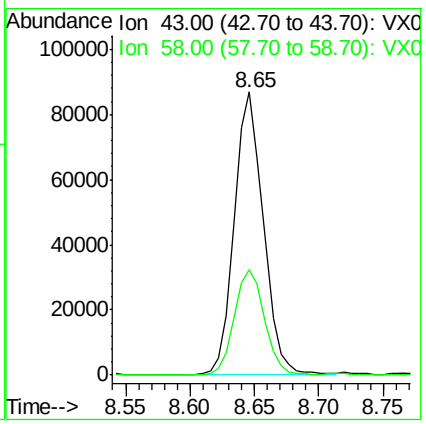


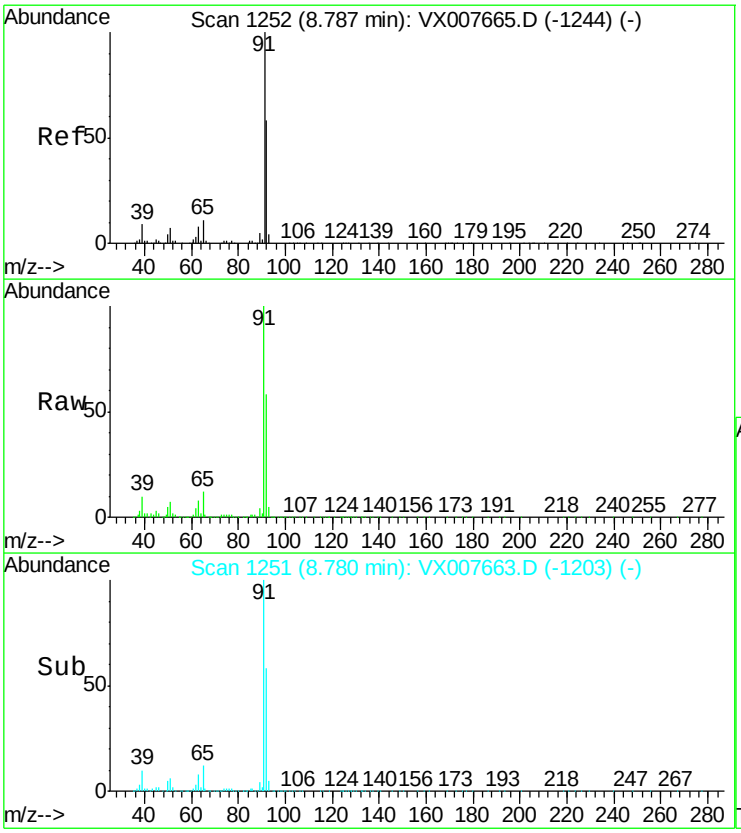

#51
4-Methyl-2-Pentanone
Concen: 24.311 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 136146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.0 | 31.2 | 46.8 |

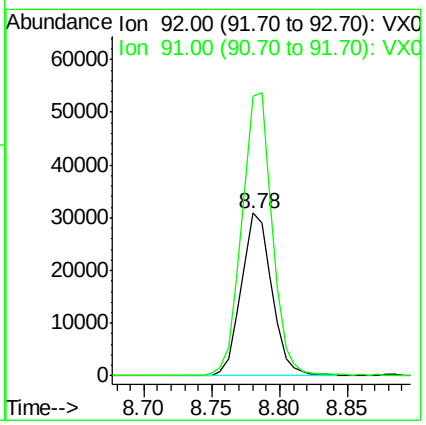


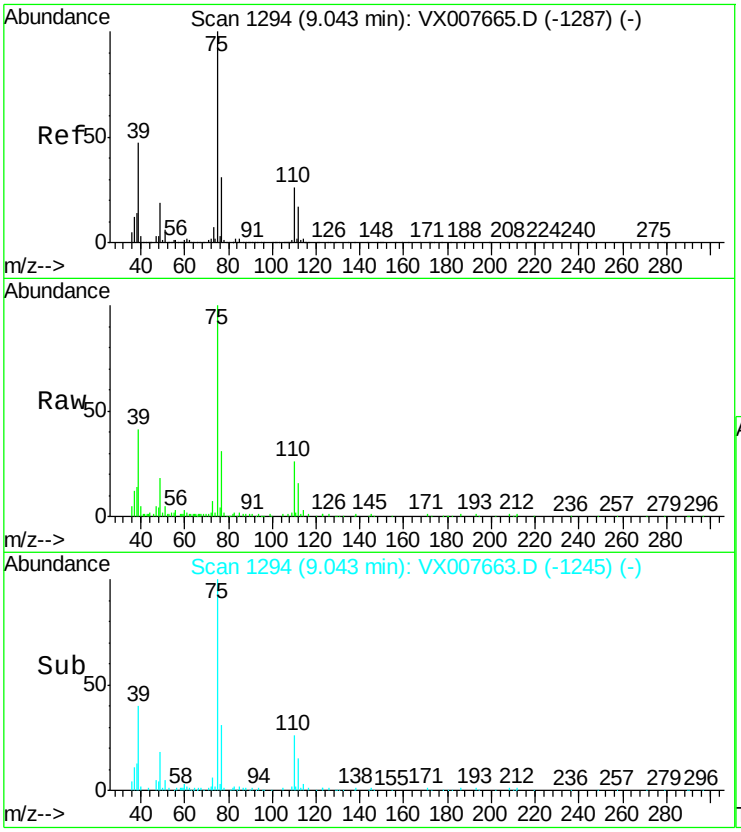




#52
Toluene
Concen: 5.101 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 92 Resp: 48590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.9 | 139.1 | 208.7 |



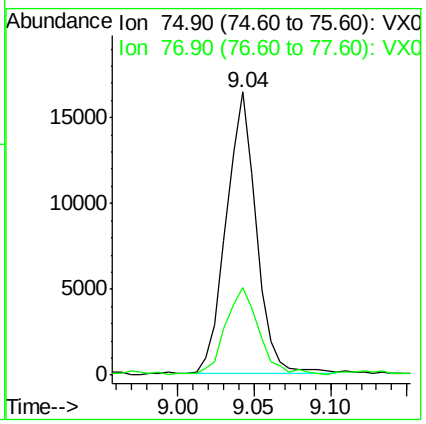


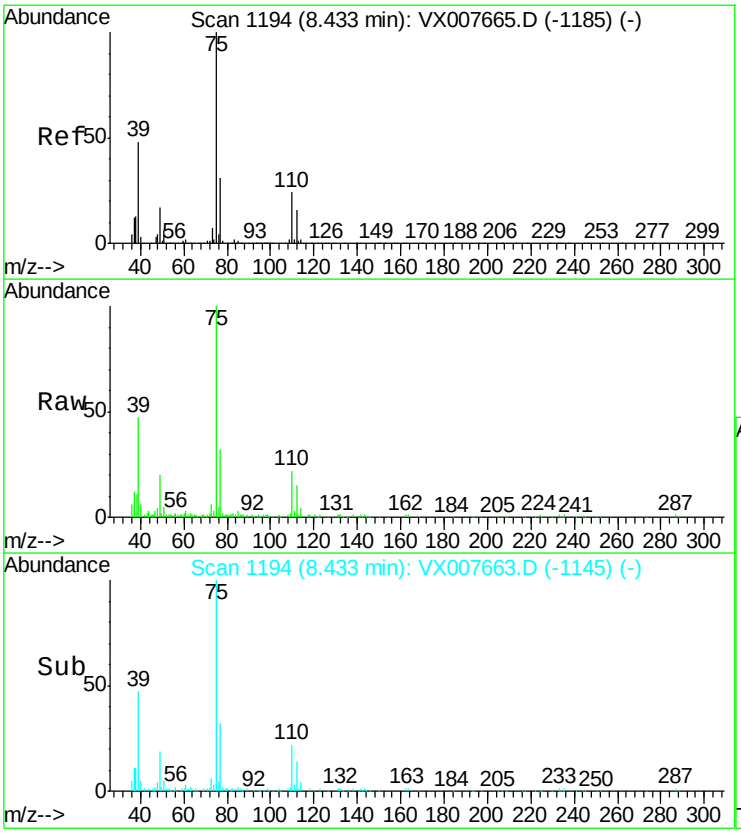

#53
t-1,3-Dichloropropene
Concen: 4.341 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion: 75 Resp: 22532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.6 | 25.2 | 37.8 |

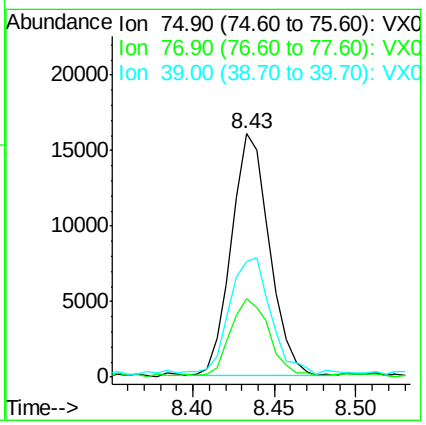


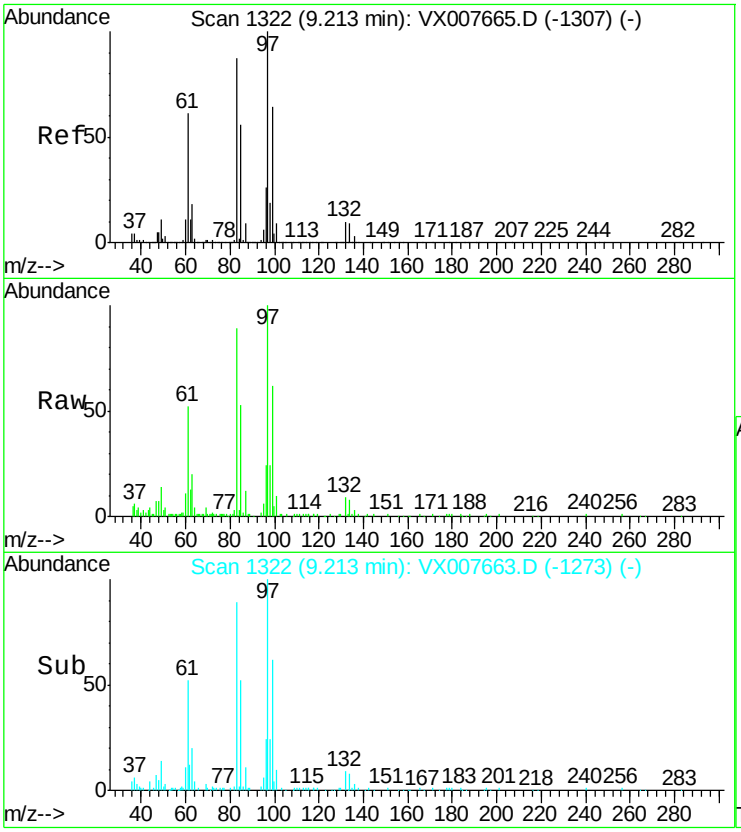




#54
cis-1,3-Dichloropropene
Concen: 4.502 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 75 Resp: 25844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 26.2 | 39.4 |
| 39 | 45.6 | 37.1 | 55.7 |



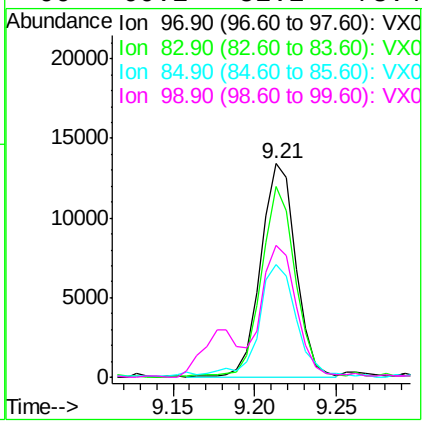


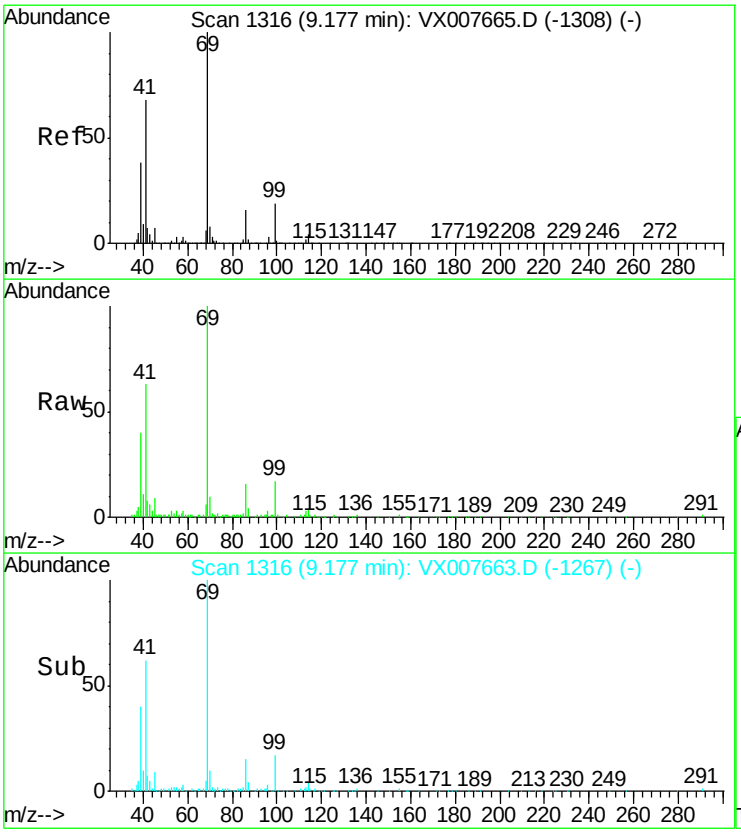

#55
1,1,2-Trichloroethane
Concen: 5.060 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 97 Resp: 20100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 88.1 | 68.6 | 102.8 |
| 85 | 51.0 | 44.5 | 66.7 |
| 99 | 60.2 | 52.2 | 78.4 |

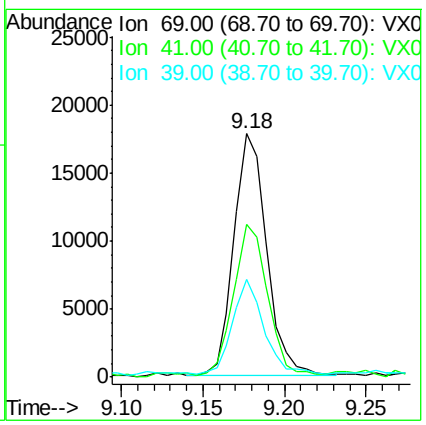


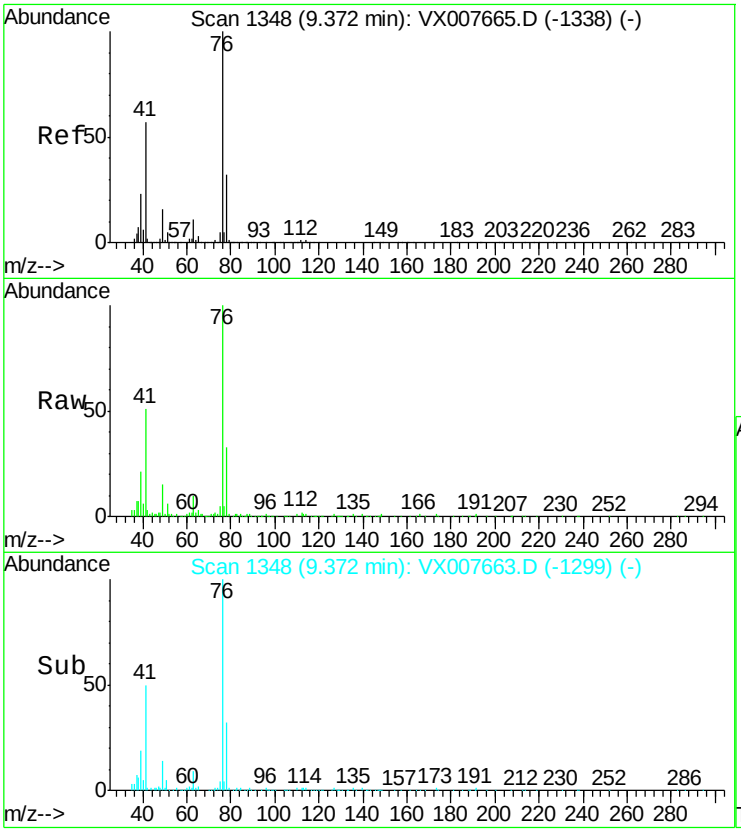




#56
Ethyl methacrylate
Concen: 4.455 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 69 Resp: 25165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 66.3 | 52.1 | 78.1 |
| 39 | 36.8 | 30.1 | 45.1 |



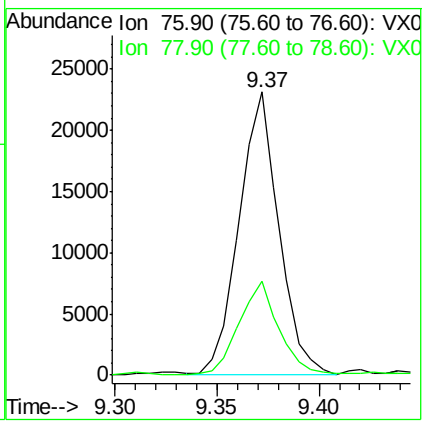


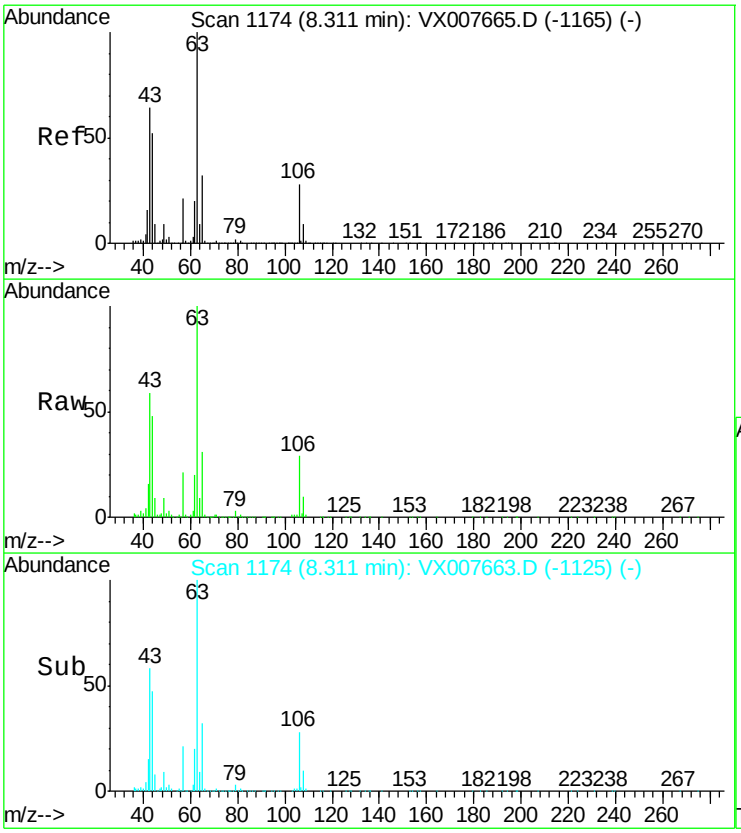

#57
1,3-Dichloropropane
Concen: 4.947 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 76 Resp: 31455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.7 | 25.8 | 38.8 |

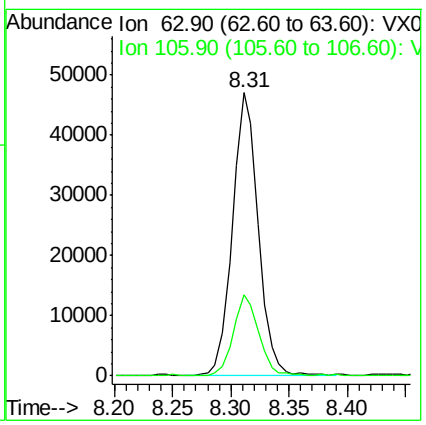


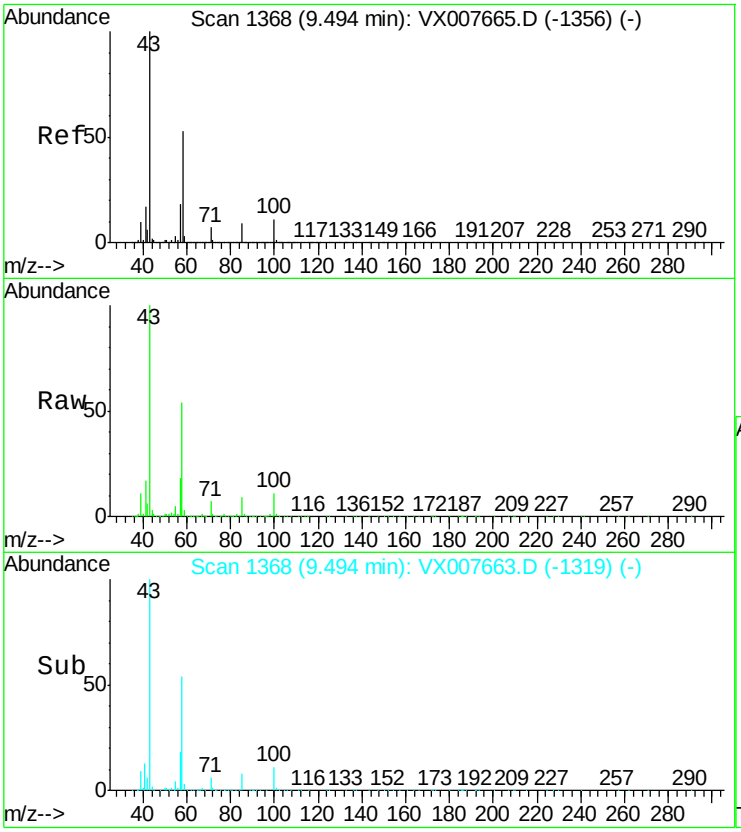




#58
2-Chloroethyl Vinyl ether
Concen: 23.064 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 63 Resp: 71845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.8 | 23.6 | 35.4 |



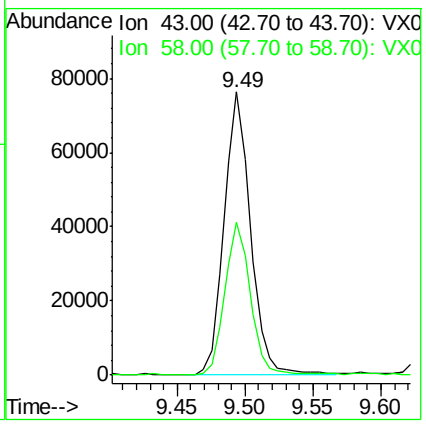


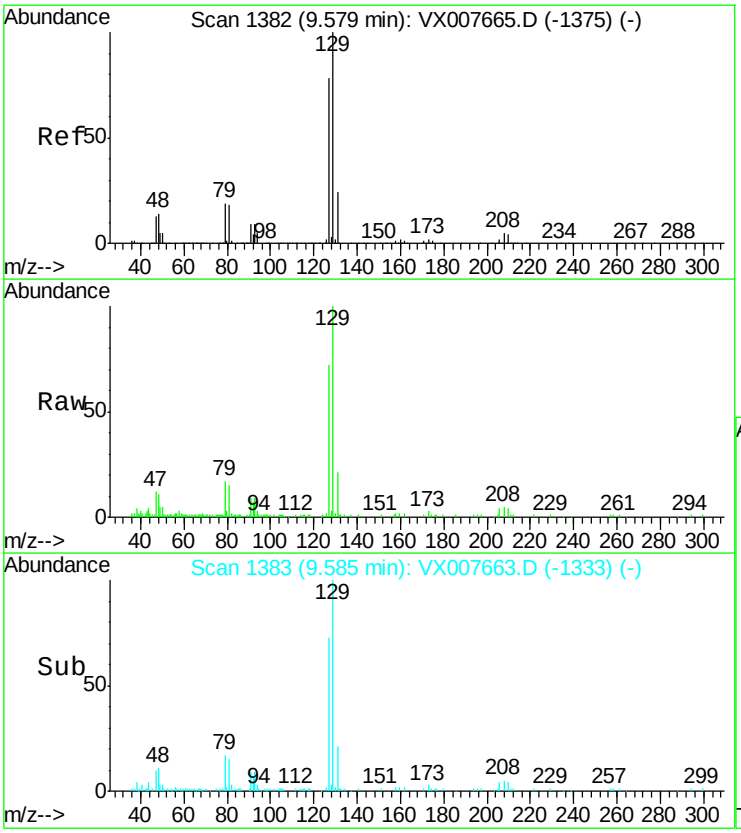

#59
2-Hexanone
Concen: 23.250 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 43 Resp: 102222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.3 | 27.1 | 81.3 |

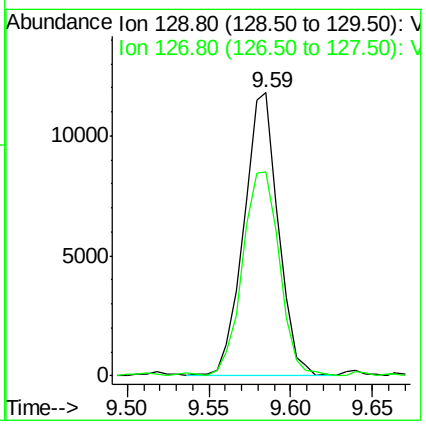


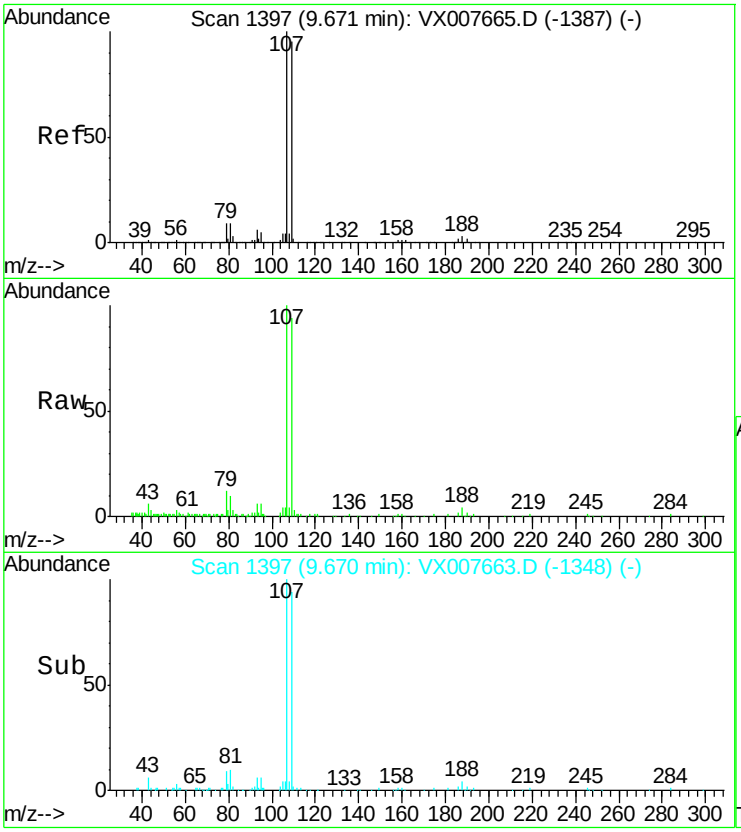




#60
Dibromochloromethane
Concen: 4.548 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:129 Resp: 17385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.0 | 37.8 | 113.4 |



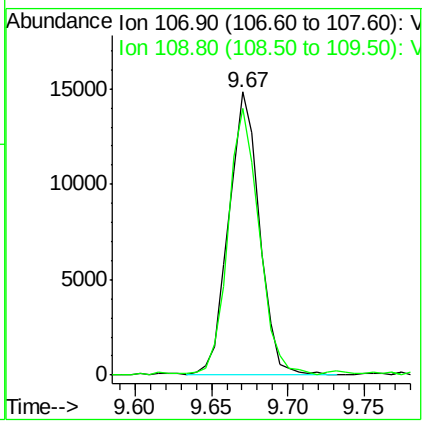


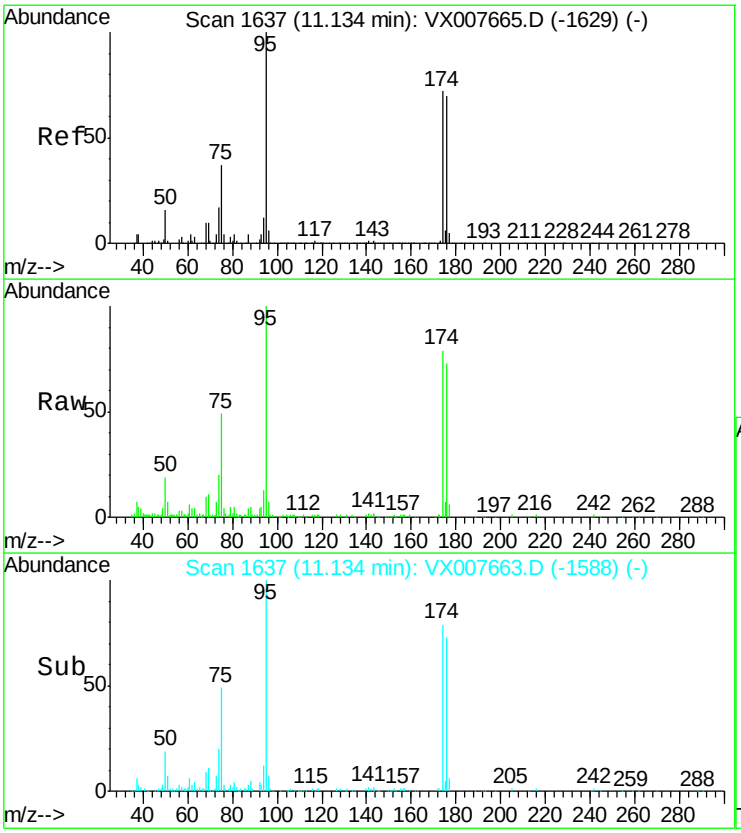

#61
1,2-Dibromoethane
Concen: 5.016 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:107 Resp: 20688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.8 | 75.1 | 112.7 |

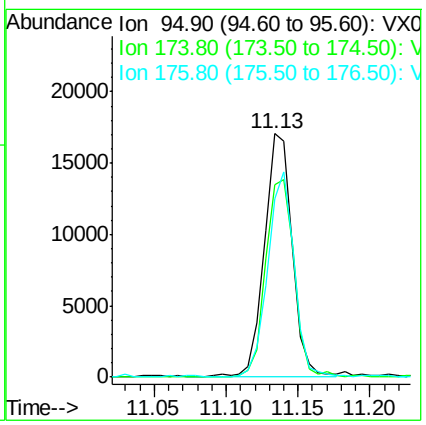


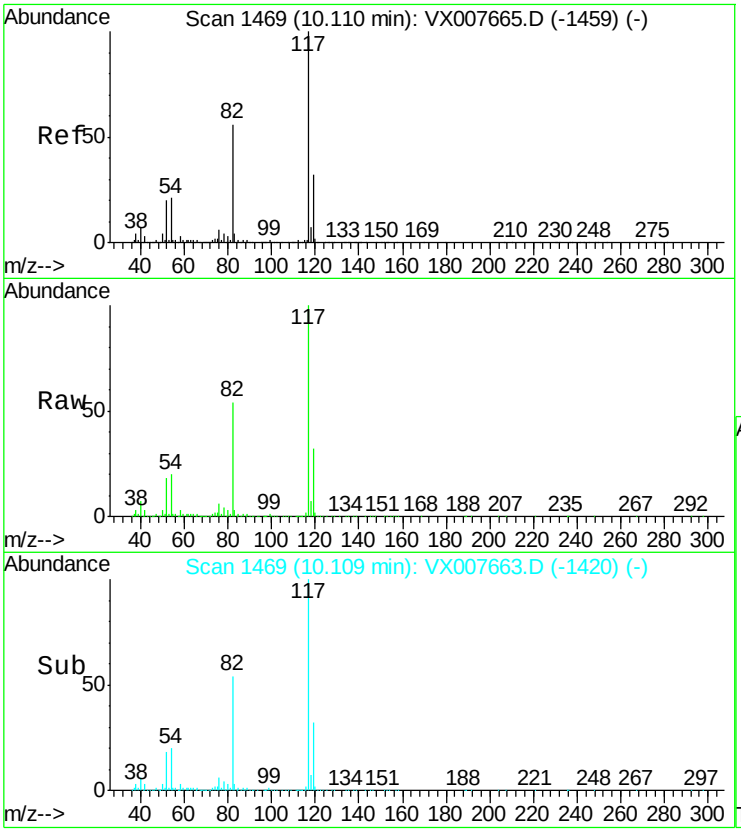




#62
4-Bromofluorobenzene
Concen: 4.466 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 95 Resp: 22834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 82.8 | 0.0 | 189.2 |
| 176 | 80.1 | 0.0 | 186.2 |



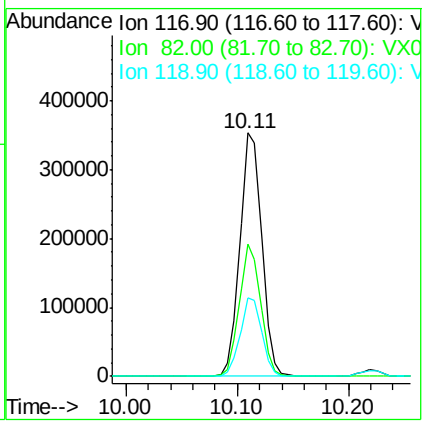


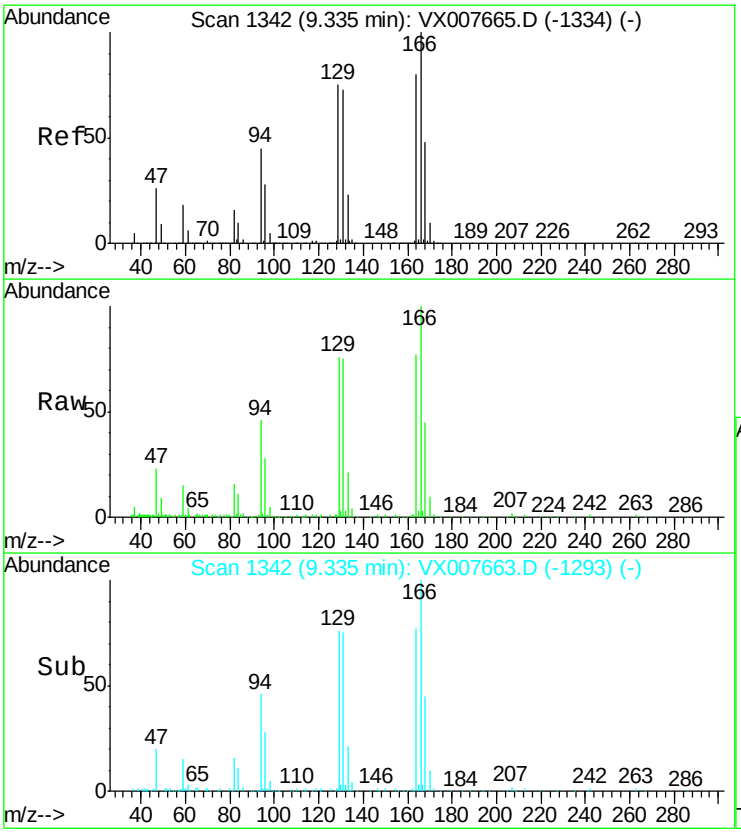

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:117 Resp: 482632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.4 | 42.1 | 63.1 |
| 119 | 32.2 | 26.5 | 39.7 |

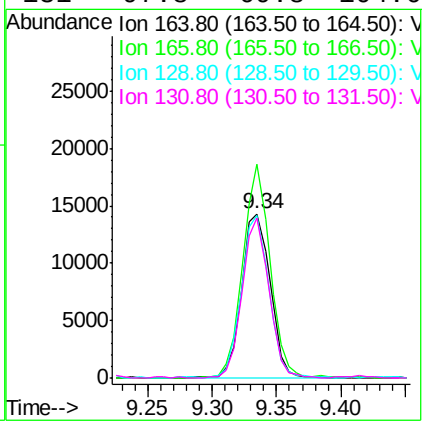


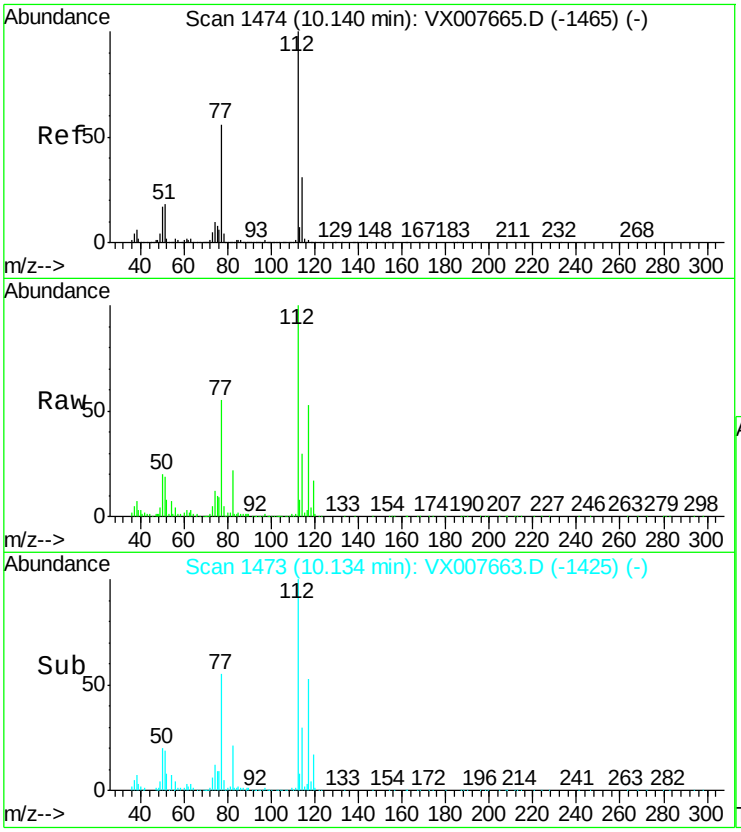




#64
Tetrachloroethene
Concen: 5.590 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:164 Resp: 21901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.1 | 101.0 | 151.4 |
| 129 | 99.2 | 70.5 | 105.7 |
| 131 | 97.8 | 69.8 | 104.6 |



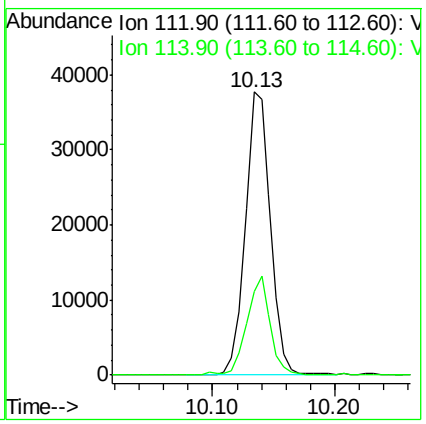


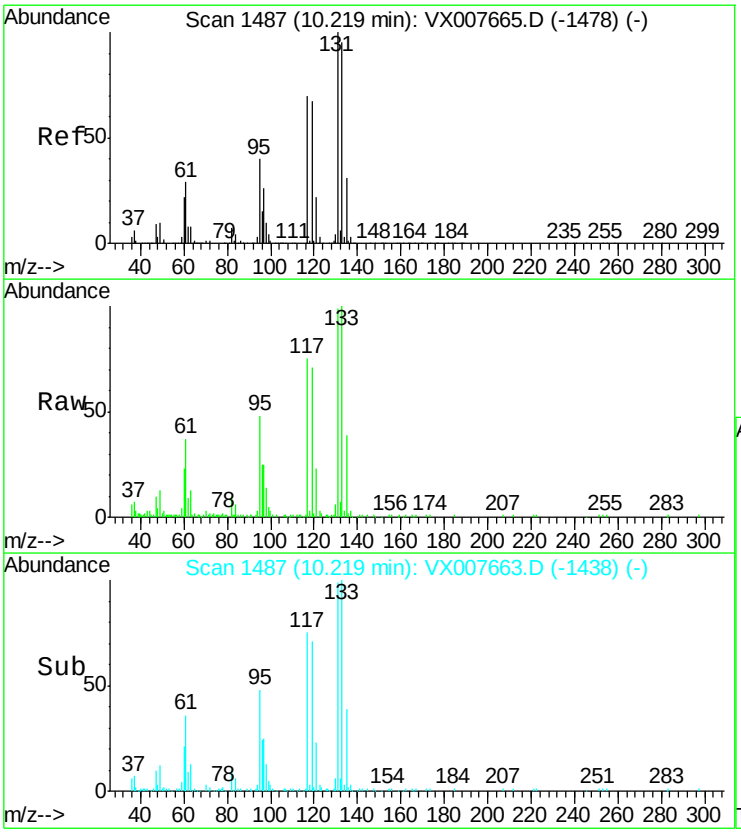

#65
Chlorobenzene
Concen: 5.153 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion:112 Resp: 53789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 29.4 | 25.8 | 38.6 |

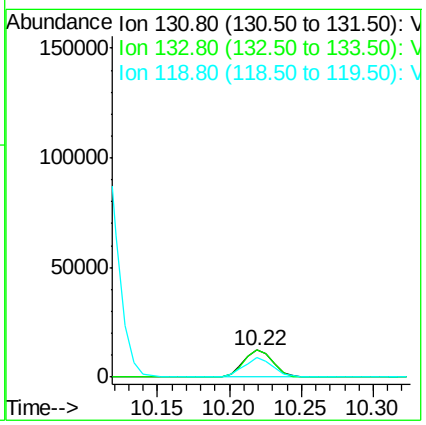


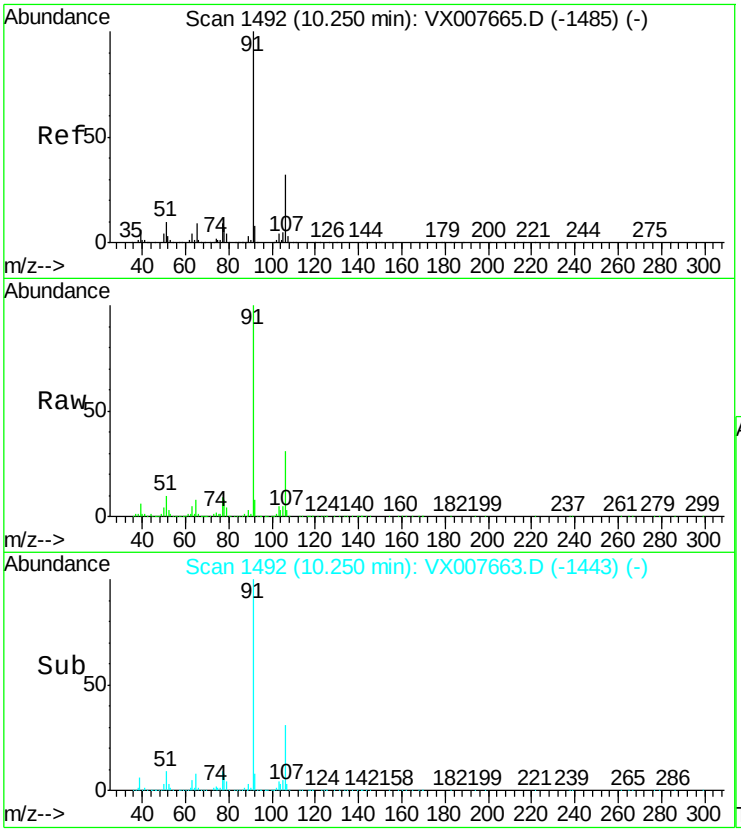




#66
1,1,1,2-Tetrachloroethane
Concen: 4.909 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:131 Resp: 17875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.3 | 48.0 | 144.2 |
| 119 | 67.5 | 32.0 | 96.0 |



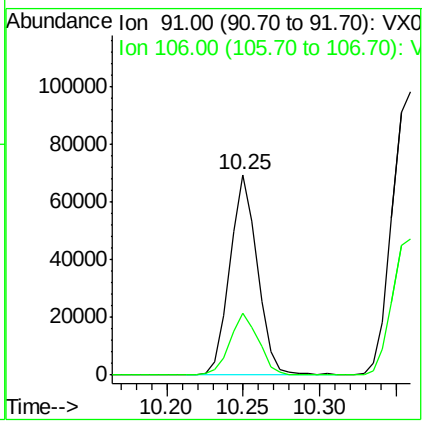


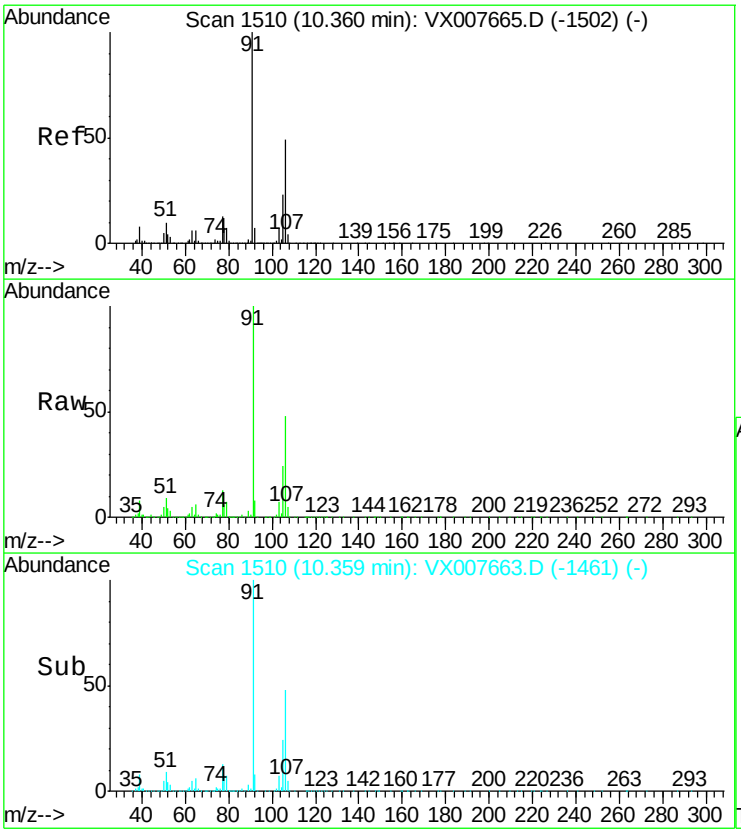

#67
Ethyl Benzene
Concen: 4.993 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 91 Resp: 86330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.9 | 25.4 | 38.0 |

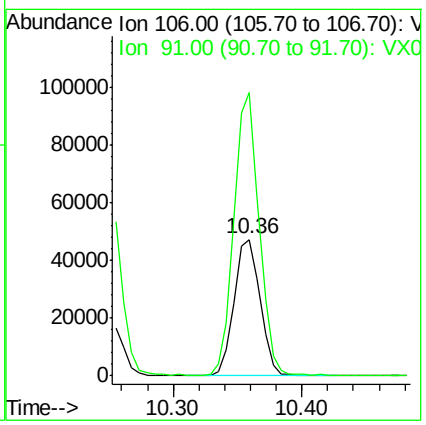


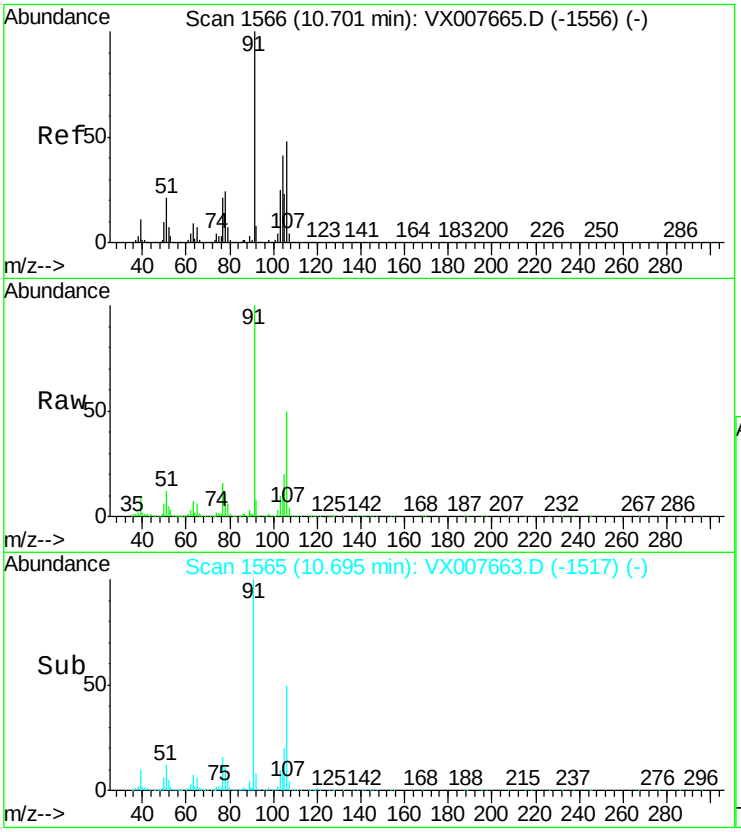




#68
m/p-Xylenes
Concen: 9.853 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:106 Resp: 66279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.0 | 156.6 | 234.8 |



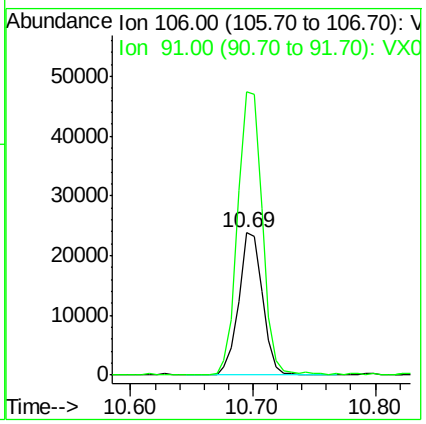


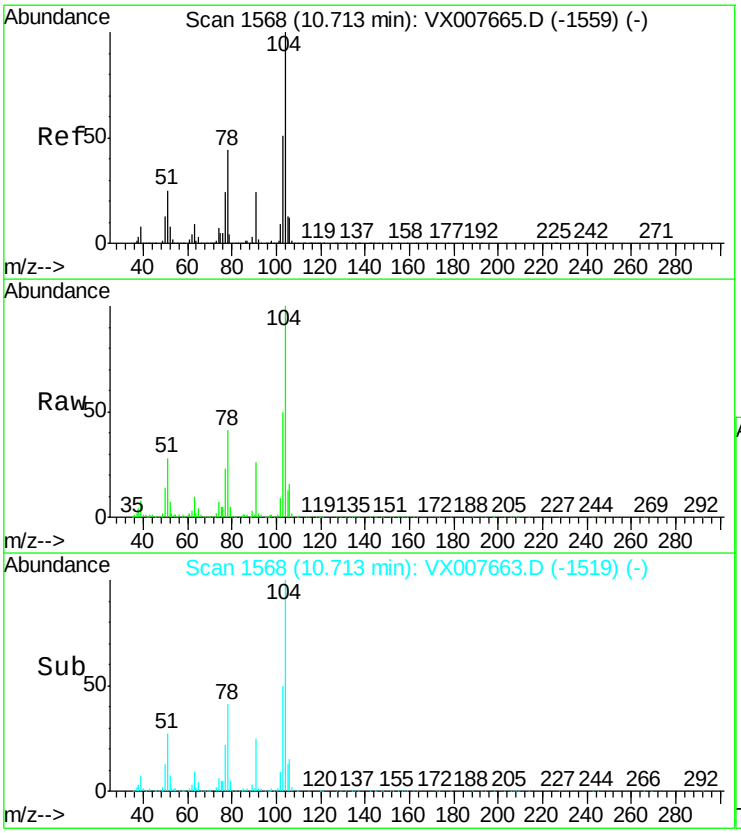

#69
o-Xylene
Concen: 5.015 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:106 Resp: 32452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 203.8 | 102.9 | 308.7 |

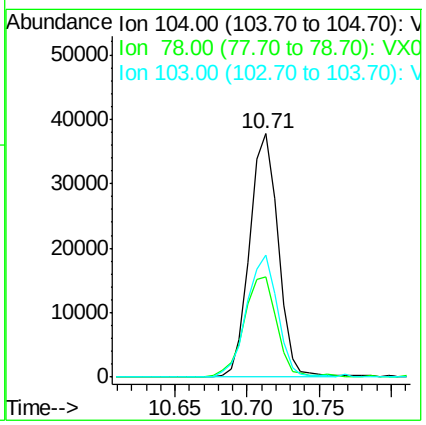


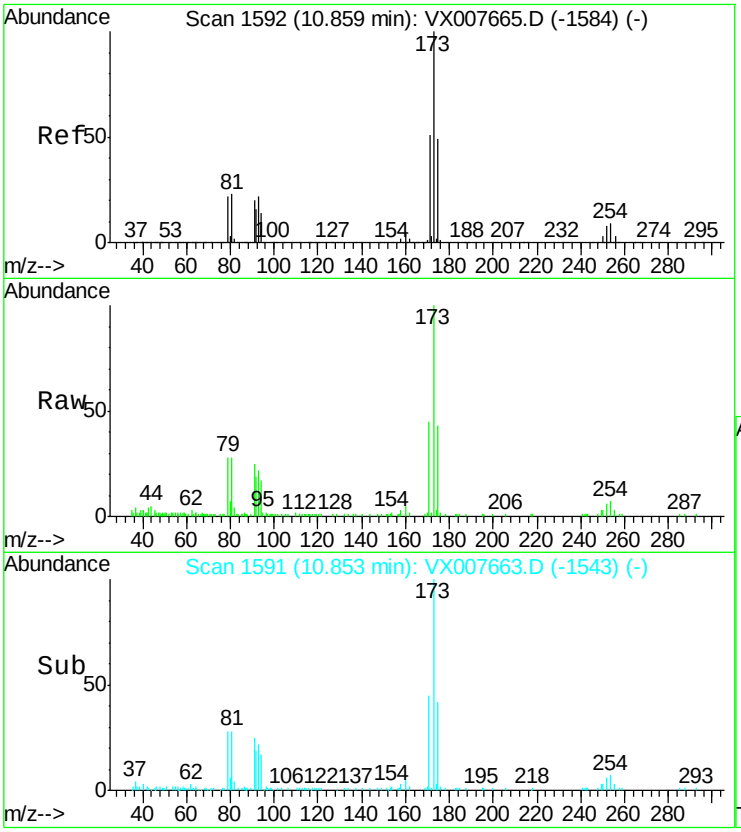




#70
Styrene
Concen: 4.805 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:104 Resp: 51104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 47.7 | 38.3 | 57.5 |
| 103 | 55.5 | 44.6 | 67.0 |



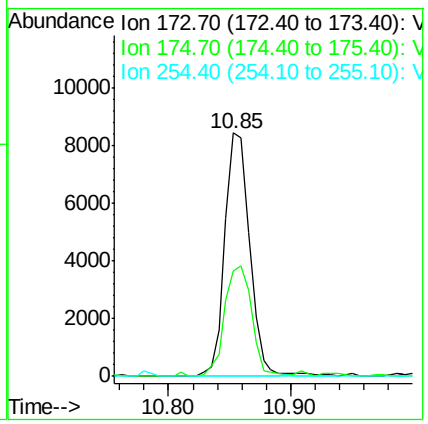


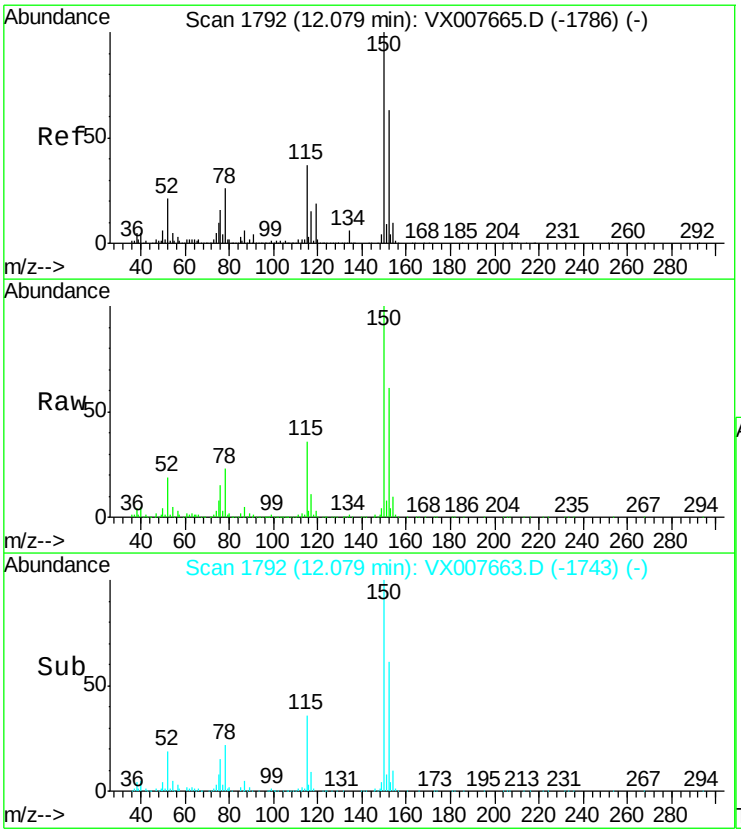

#71
Bromoform
Concen: 4.387 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:173 Resp: 11977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.3 | 24.2 | 72.6 |
| 254 | 0.0 | 0.2 | 0.2# |

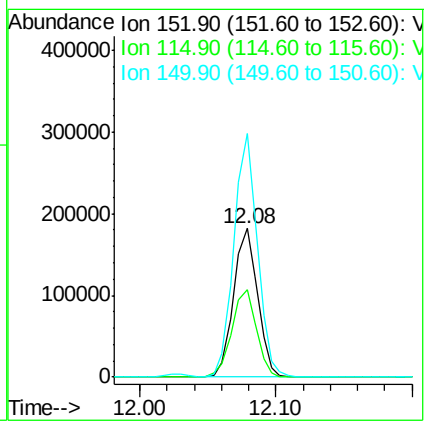


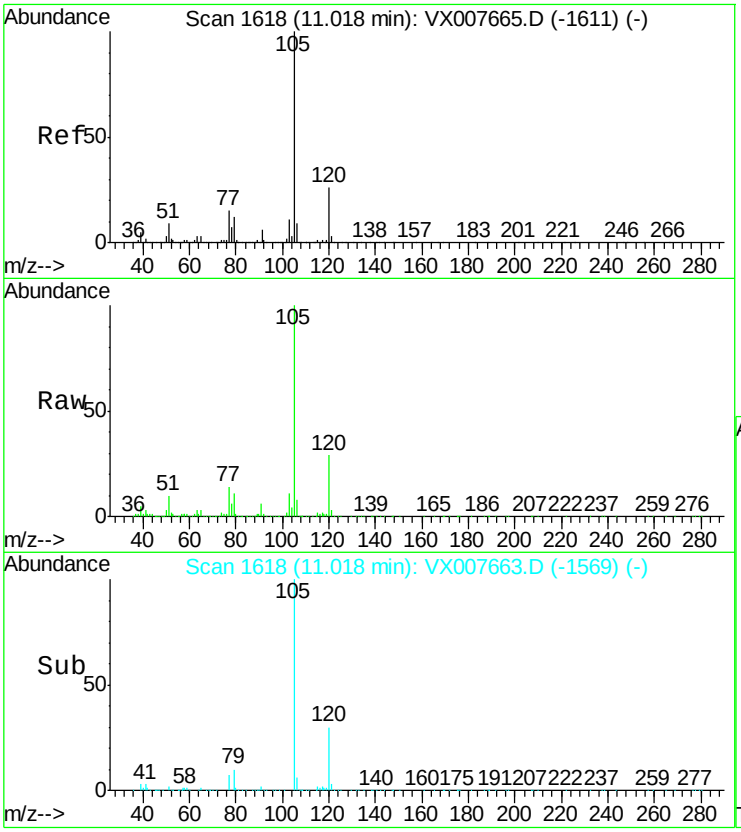




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:152 Resp: 223907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.7 | 38.0 | 114.0 |
| 150 | 160.0 | 0.0 | 346.4 |



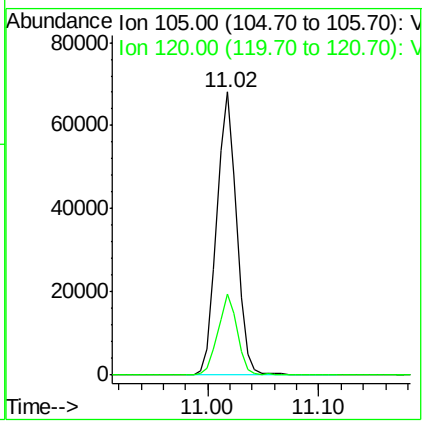


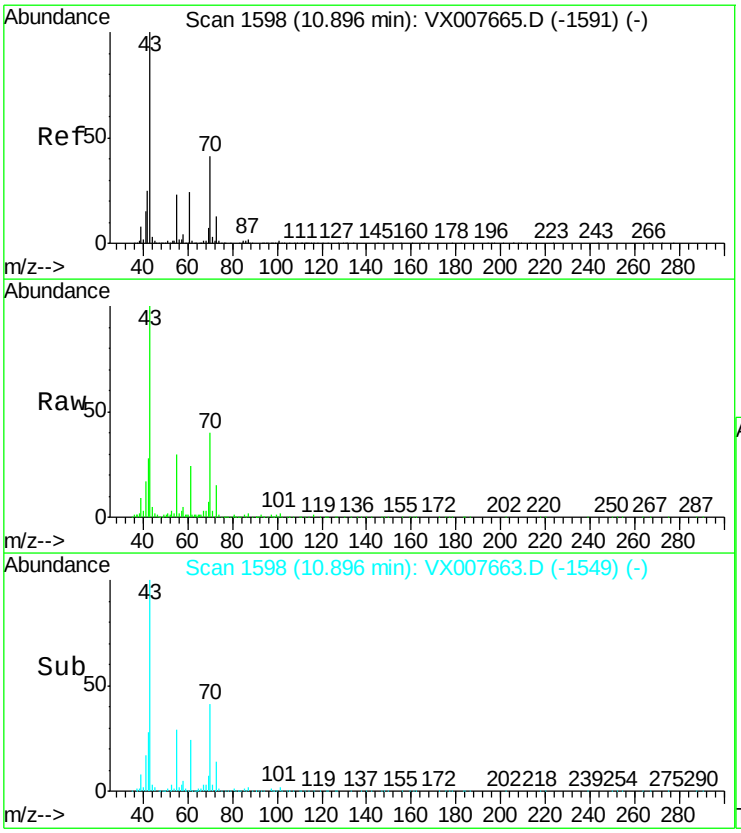

#73
Isopropylbenzene
Concen: 5.260 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion:105 Resp: 84173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.0 | 13.6 | 40.7 |

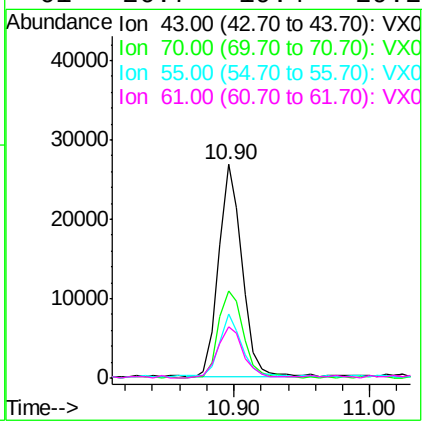


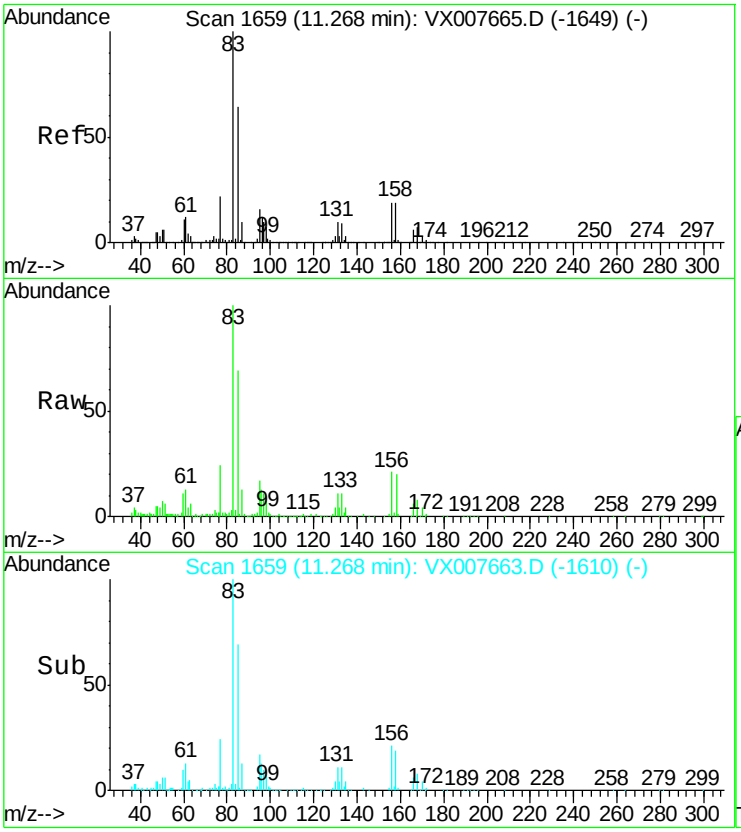




#74
N-amyl acetate
Concen: 4.597 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 43 Resp: 31947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.3 | 33.8 | 50.6 |
| 55 | 28.5 | 19.5 | 29.3 |
| 61 | 26.7 | 19.4 | 29.2 |



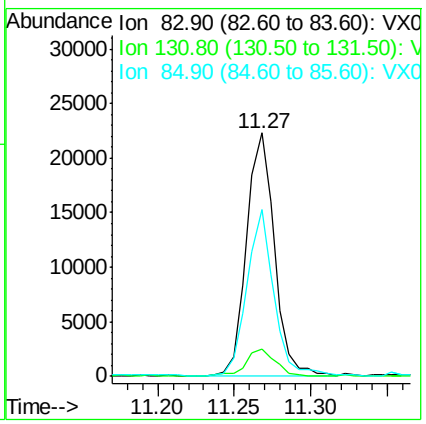


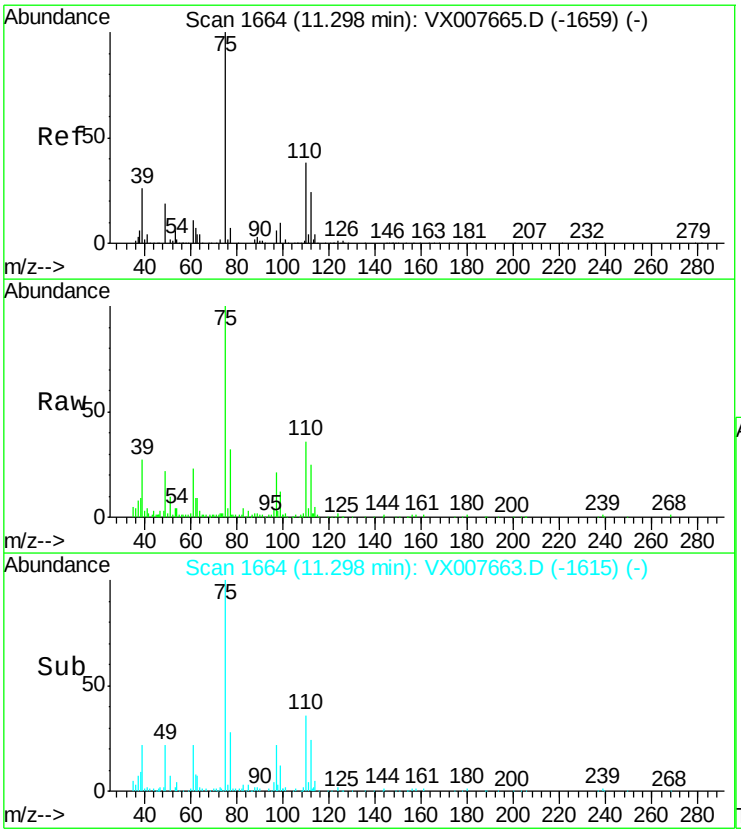

#75
1,1,2,2-Tetrachloroethane
Concen: 5.144 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion: 83 Resp: 28473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.8 | 5.7 | 17.0 |
| 85 | 66.3 | 32.8 | 98.3 |

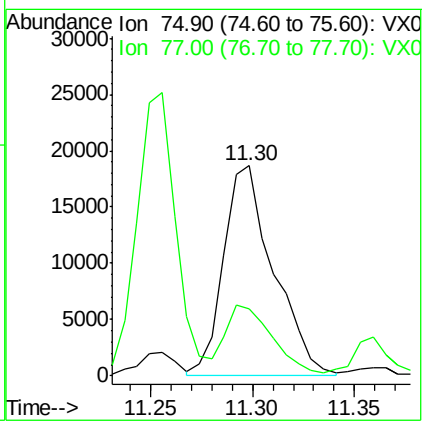


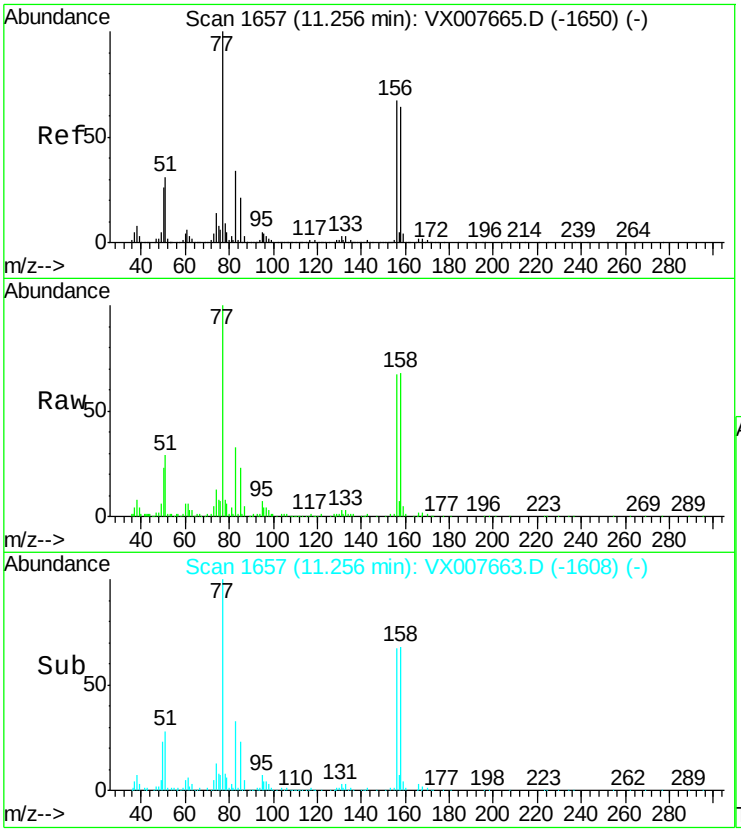




#76
1,2,3-Trichloropropane
Concen: 6.547 ug/l
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 75 Resp: 31248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.4 | 23.0 | 69.0 |



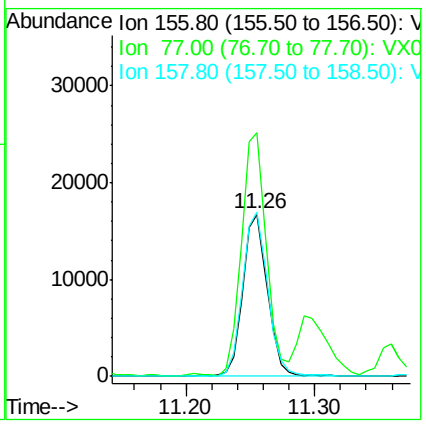


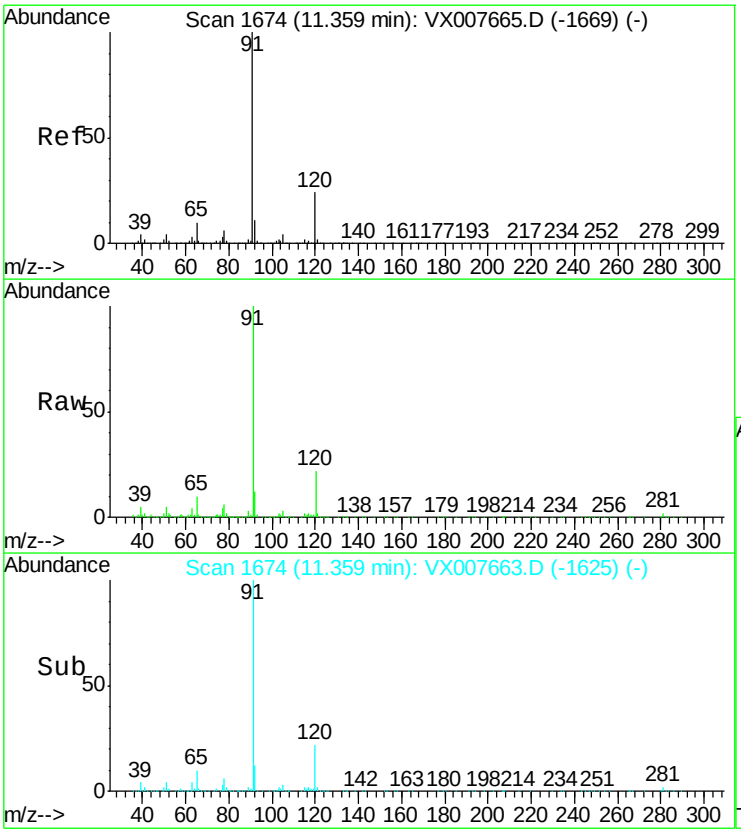

#77
Bromobenzene
Concen: 5.437 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:156 Resp: 21822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 151.5 | 66.8 | 200.6 |
| 158 | 104.4 | 47.9 | 143.8 |

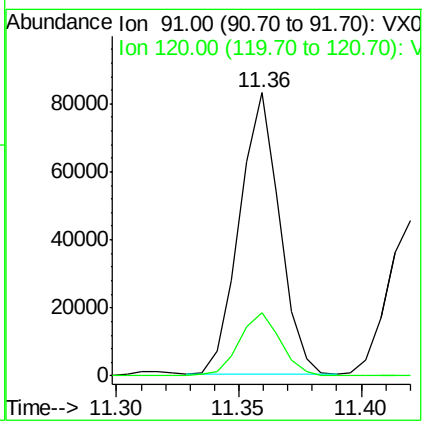


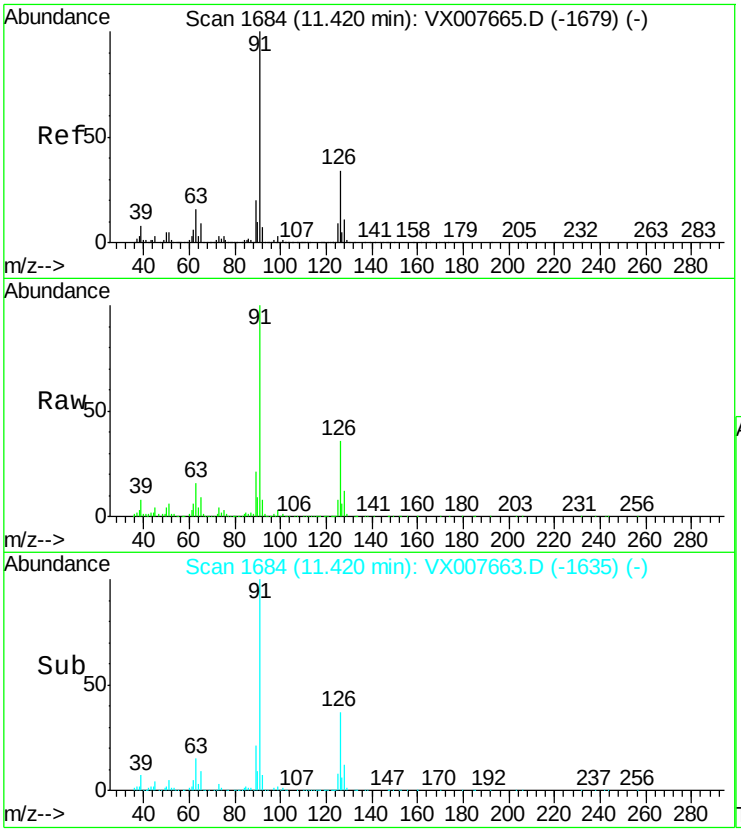




#78
n-propylbenzene
Concen: 5.240 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 91 Resp: 94753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.2 | 12.4 | 37.2 |



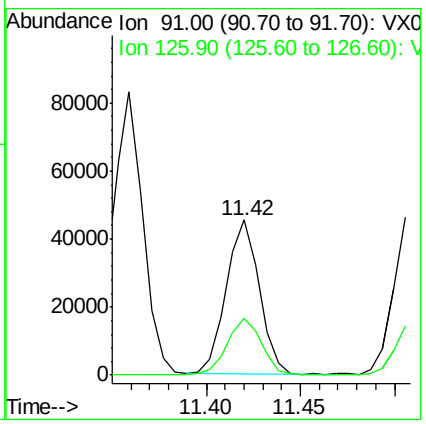


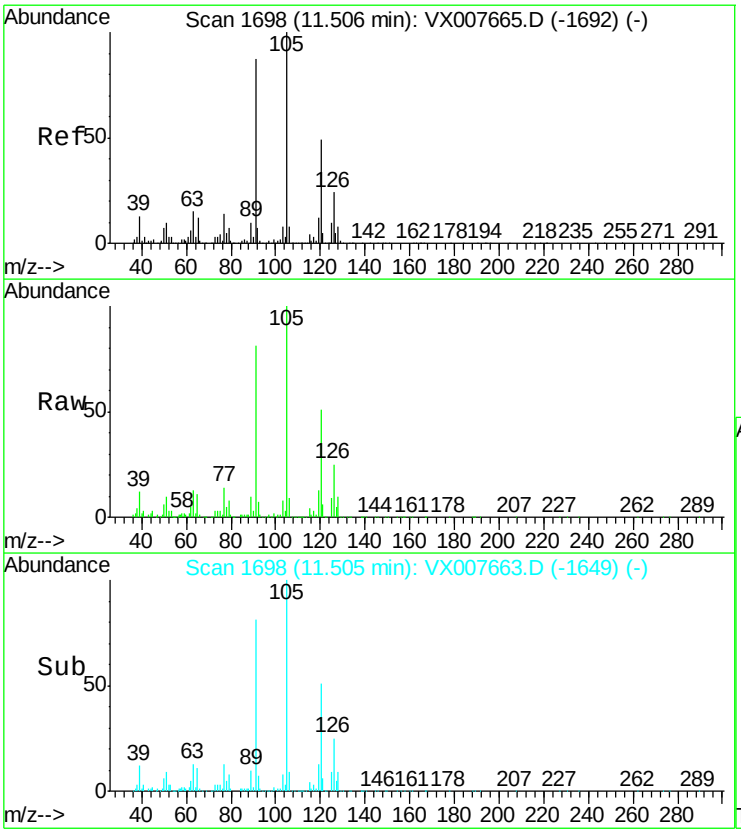

#79
2-Chlorotoluene
Concen: 5.089 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 91 Resp: 55413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 38.2 | 18.7 | 56.1 |

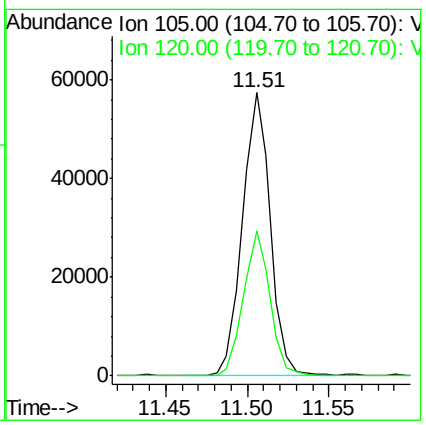


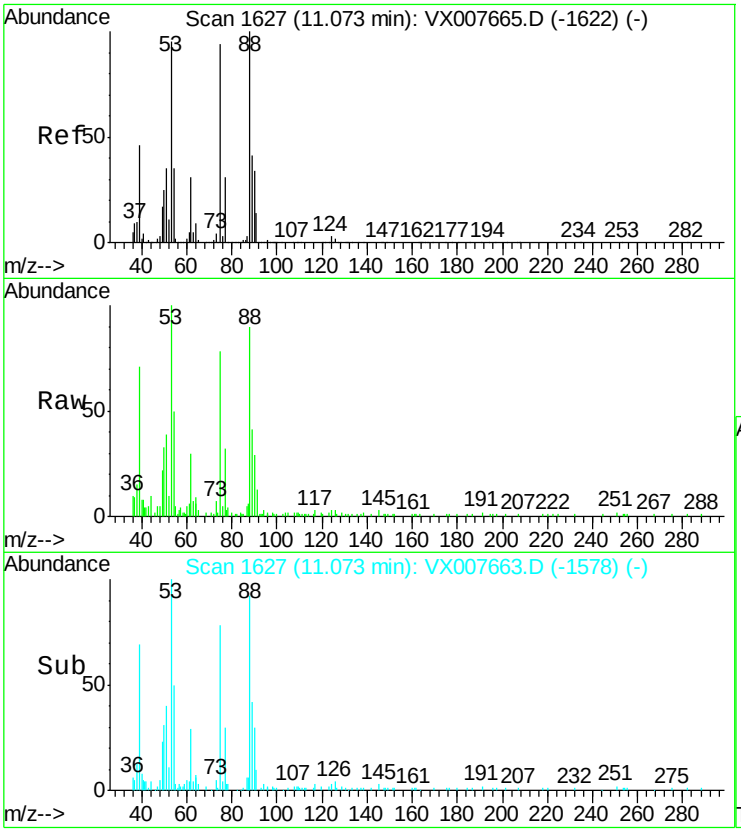




#80
1,3,5-Trimethylbenzene
Concen: 5.198 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:105 Resp: 68421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.8 | 25.3 | 75.8 |



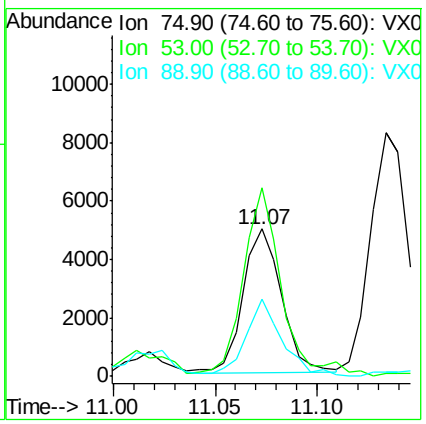


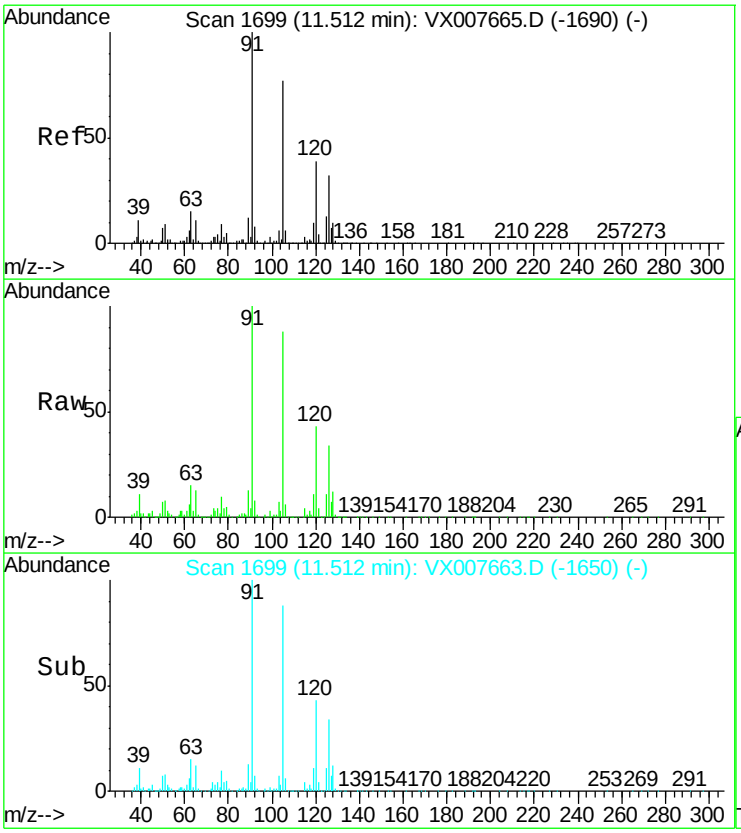

#81
trans-1,4-Dichloro-2-butene
Concen: 4.066 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion: 75 Resp: 6419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 131.8 | 81.0 | 121.6# |
| 89 | 50.7 | 41.4 | 62.0 |

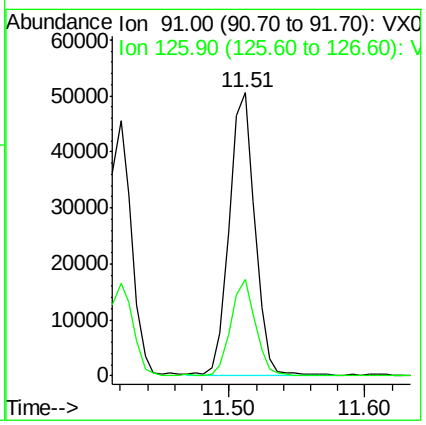


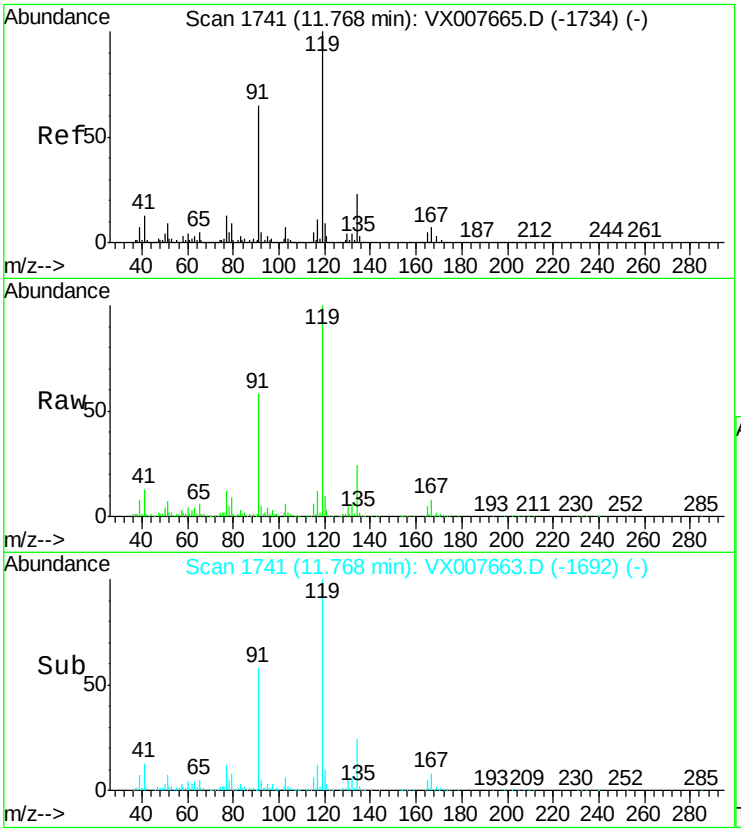




#82
4-Chlorotoluene
Concen: 5.164 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 91 Resp: 65774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.6 | 16.2 | 48.5 |



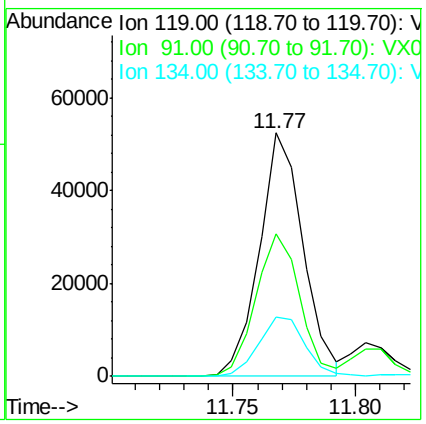


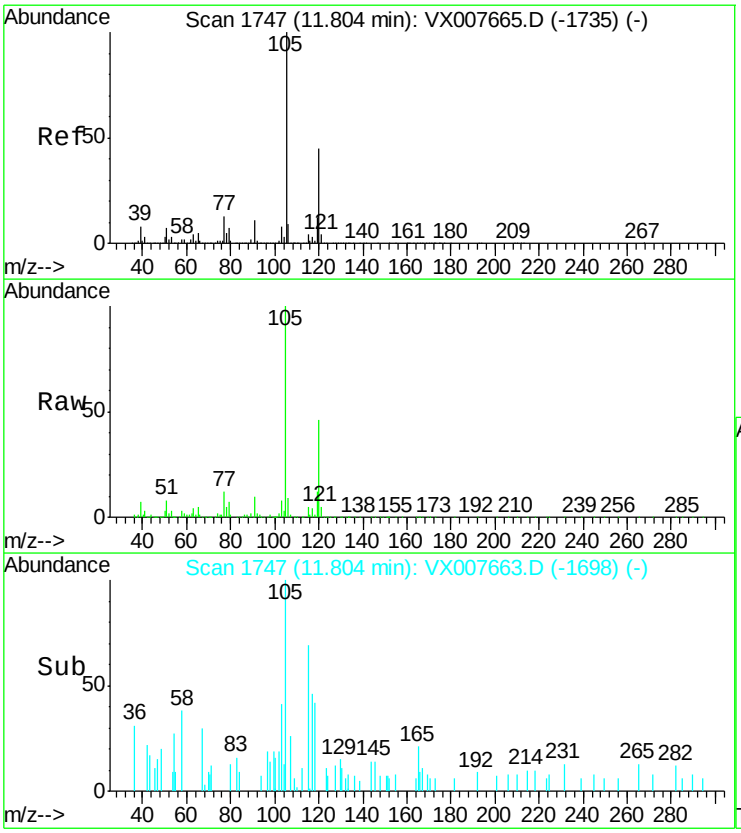

#83
tert-Butylbenzene
Concen: 5.157 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion:119 Resp: 65183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.2 | 28.5 | 85.6 |
| 134 | 26.0 | 12.0 | 36.0 |

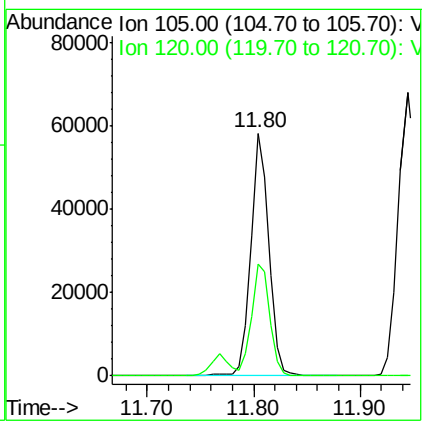


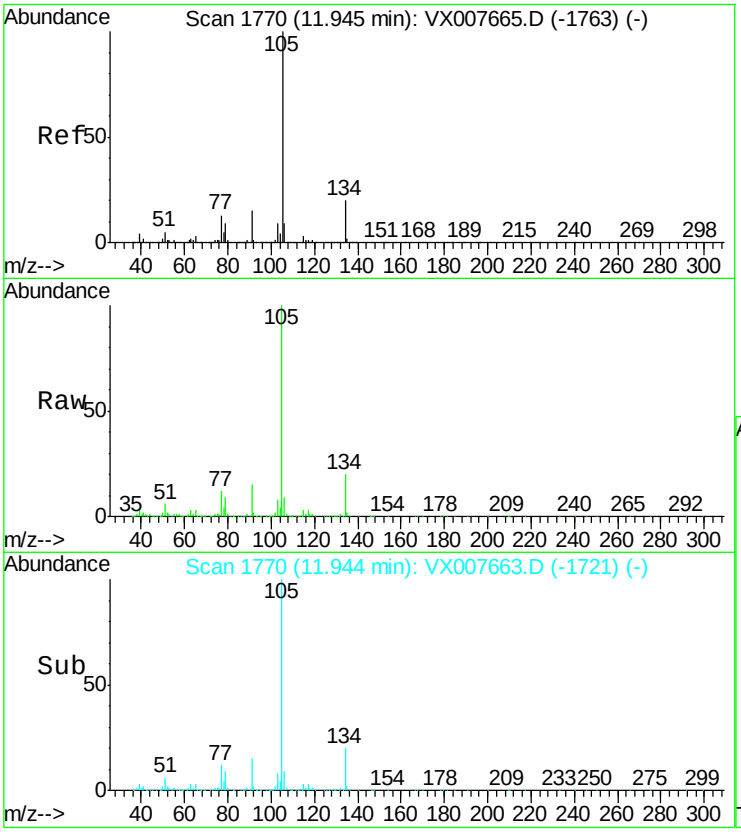




#84
1,2,4-Trimethylbenzene
Concen: 5.169 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:105 Resp: 69599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.5 | 23.1 | 69.3 |



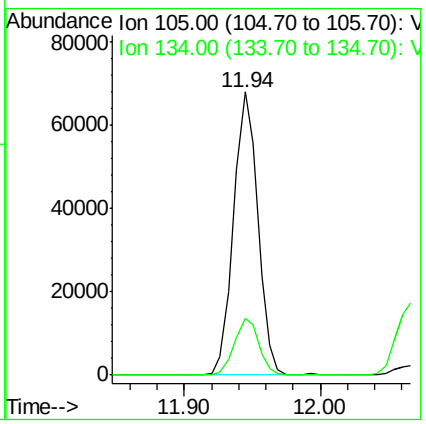


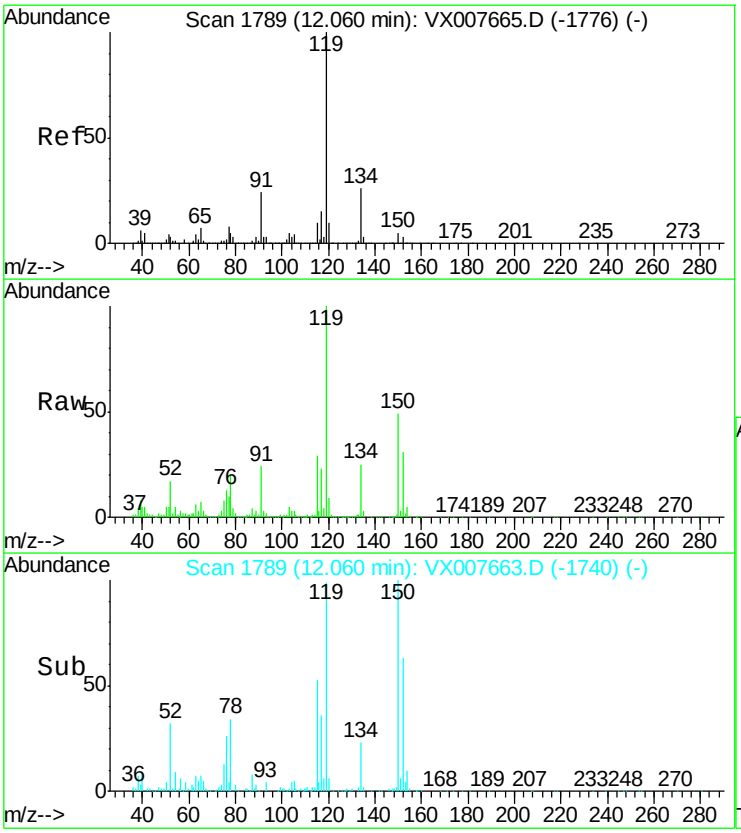

#85
sec-Butylbenzene
Concen: 5.332 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion:105 Resp: 84448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.3 | 10.6 | 31.8 |

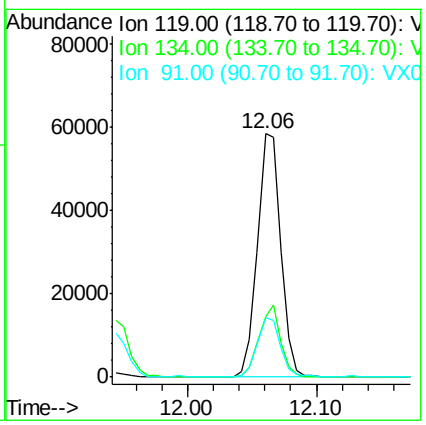


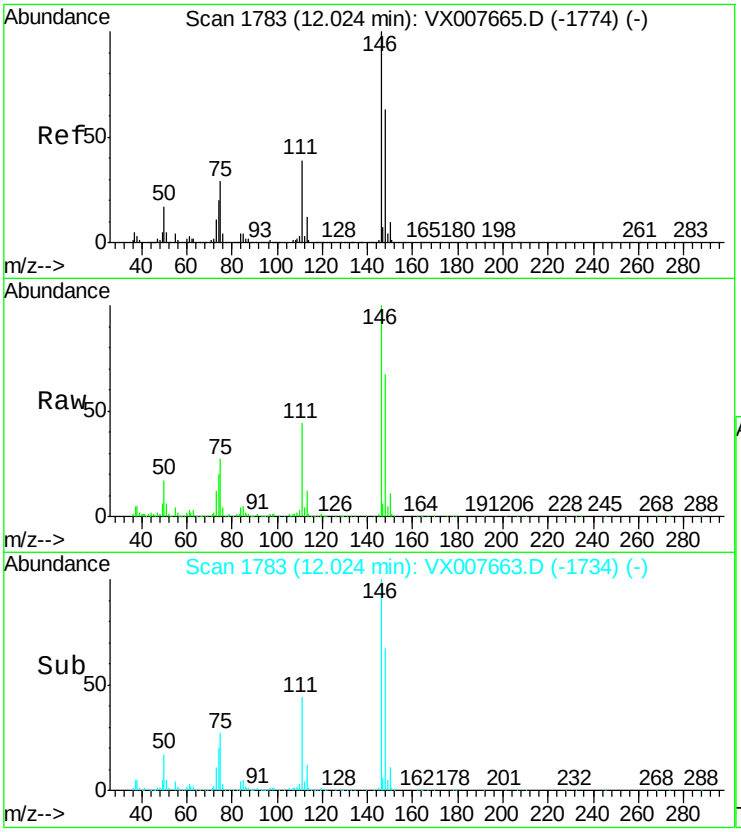




#86
p-Isopropyltoluene
Concen: 5.249 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:119 Resp: 72807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.9 | 13.7 | 41.1 |
| 91 | 24.4 | 11.2 | 33.5 |



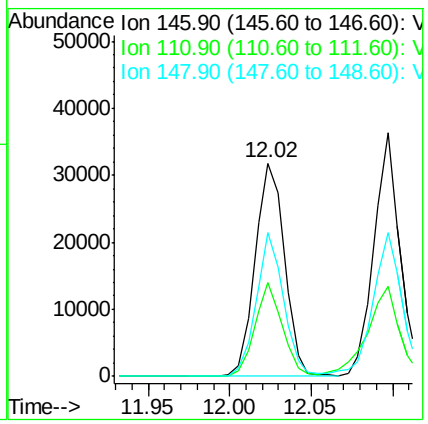


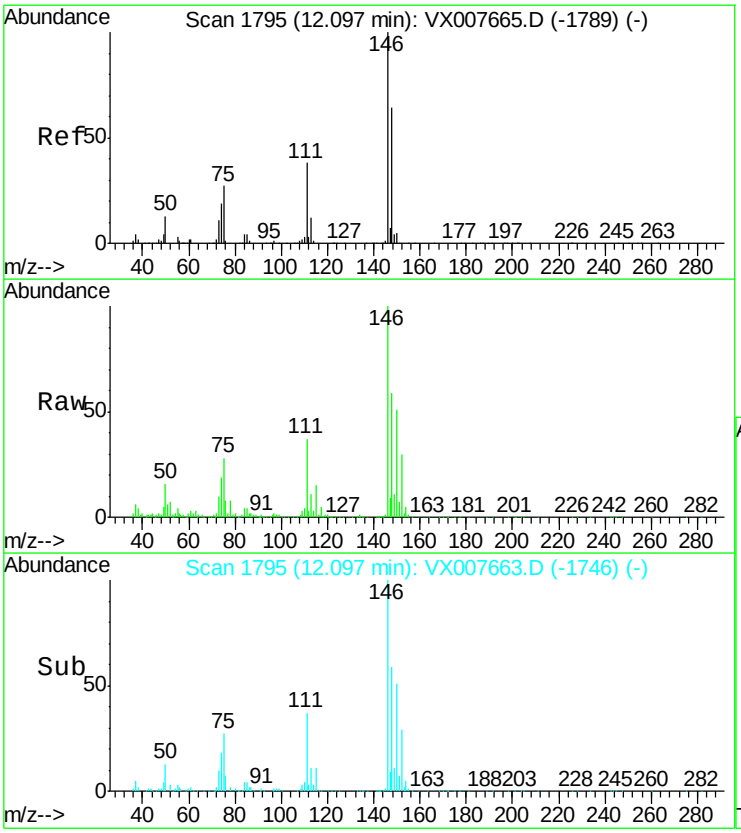

#87
1,3-Dichlorobenzene
Concen: 5.384 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:146 Resp: 40085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.1 | 18.1 | 54.1 |
| 148 | 62.5 | 32.0 | 96.2 |

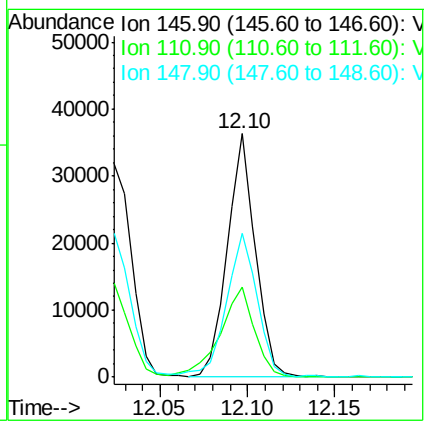


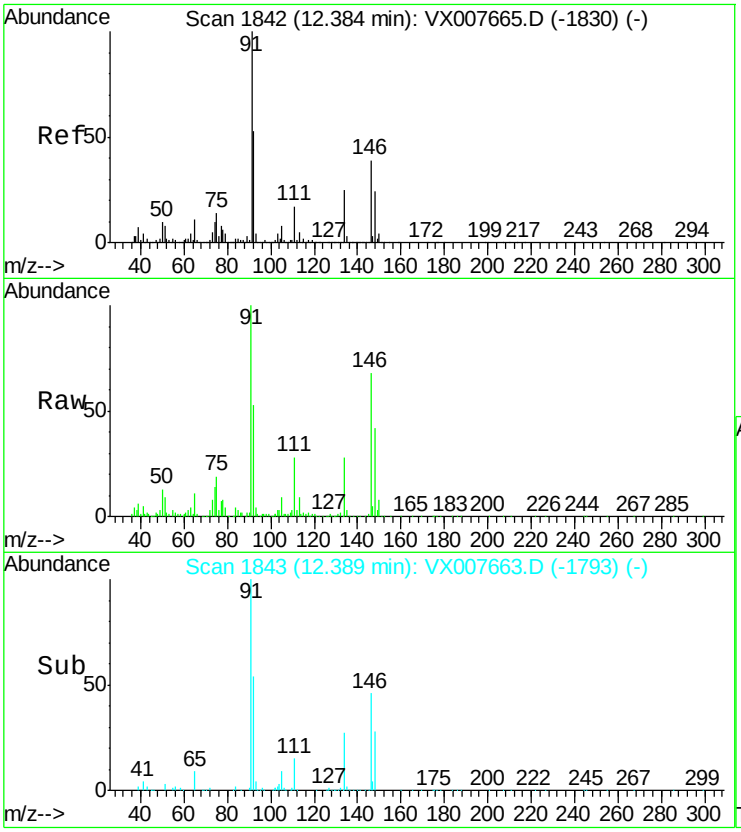




#88
1,4-Dichlorobenzene
Concen: 5.319 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:146 Resp: 40558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 45.2 | 18.1 | 54.1 |
| 148 | 65.4 | 32.3 | 96.9 |



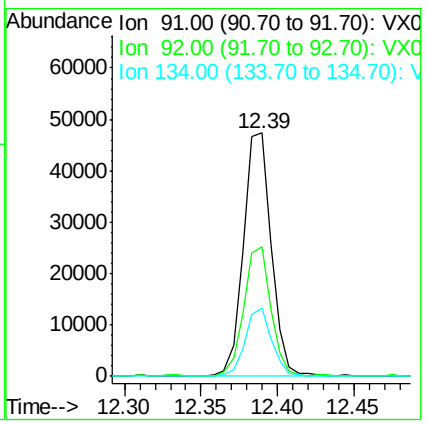


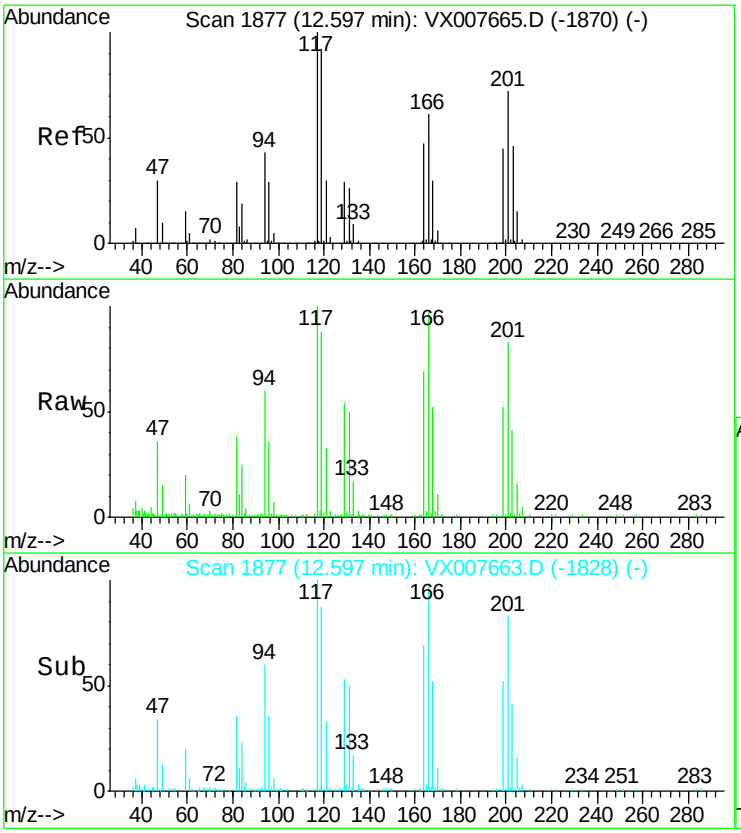

#89
n-Butylbenzene
Concen: 4.857 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDICC005

Tgt Ion: 91 Resp: 60078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.1 | 26.3 | 78.9 |
| 134 | 26.7 | 13.9 | 41.6 |

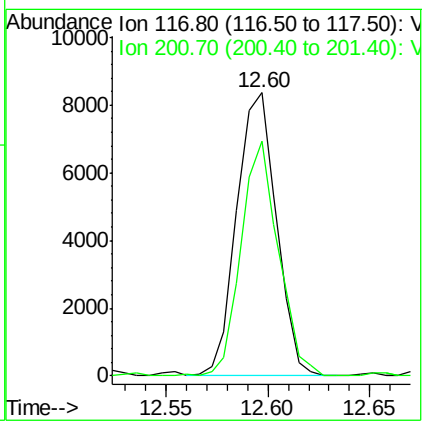


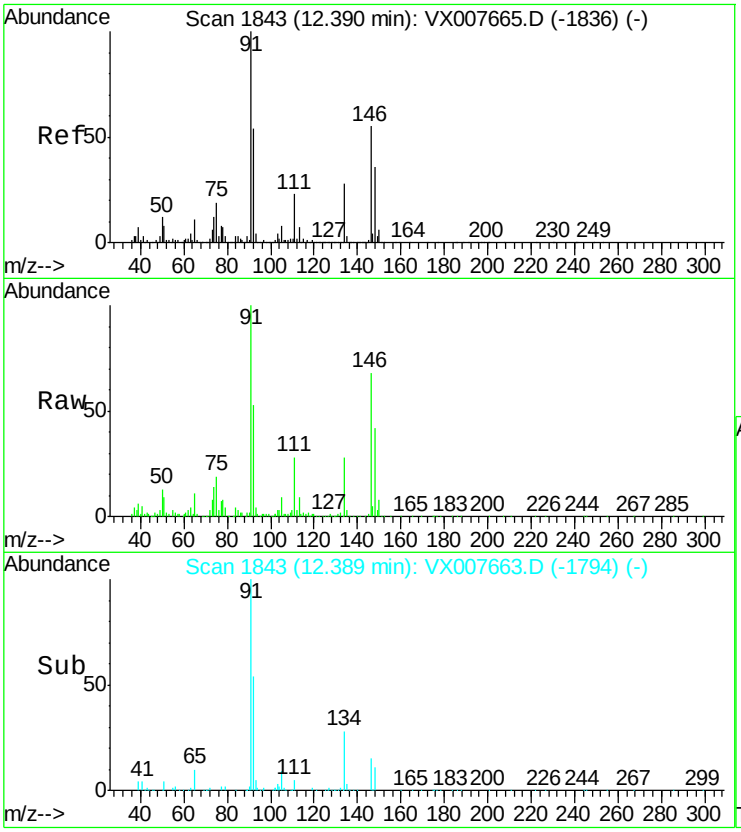




#90
Hexachloroethane
Concen: 4.844 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:117 Resp: 11321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 78.0 | 44.9 | 134.7 |



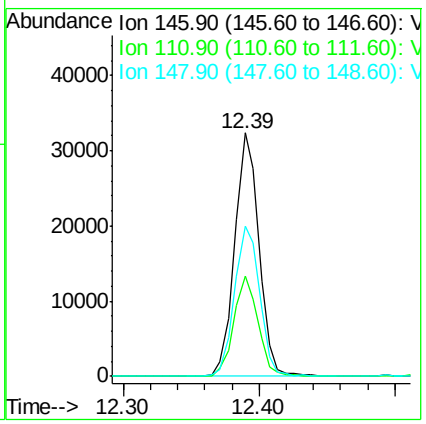


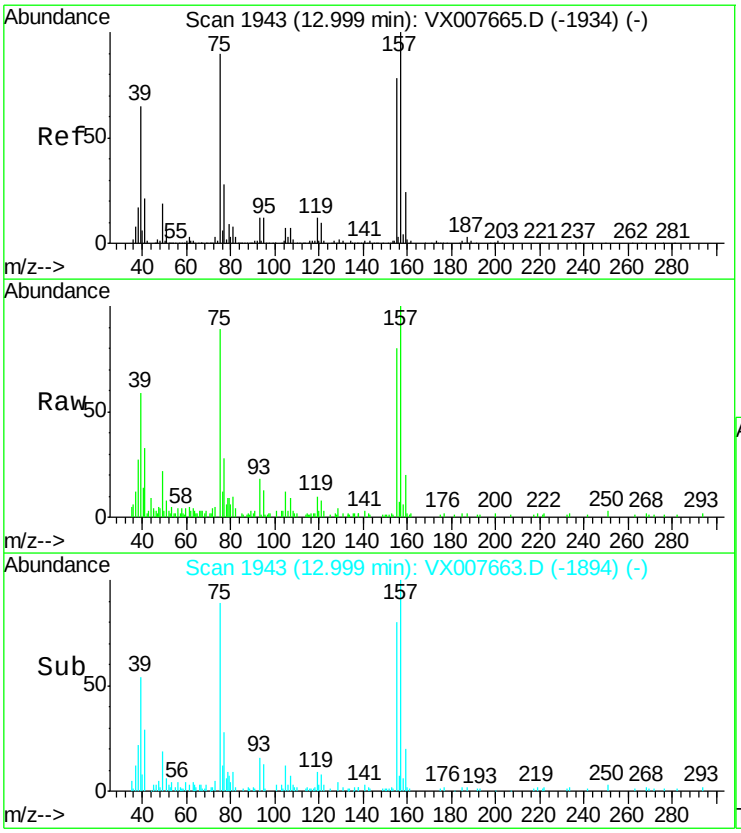

#91
1,2-Dichlorobenzene
Concen: 5.384 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:146 Resp: 40107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.9 | 19.1 | 57.3 |
| 148 | 64.2 | 32.1 | 96.3 |

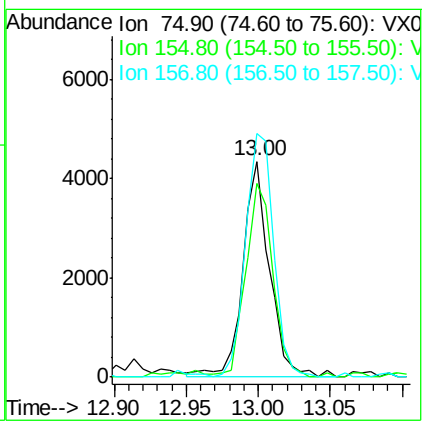


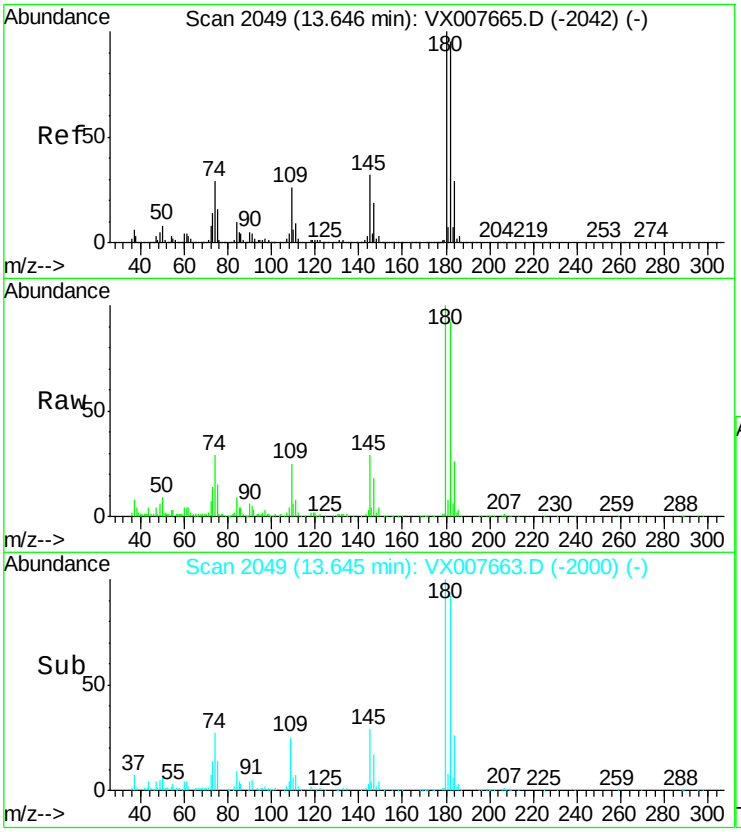




#92
1,2-Dibromo-3-Chloropropane
Concen: 4.614 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion: 75 Resp: 5565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 91.1 | 49.6 | 149.0 |
| 157 | 118.2 | 65.1 | 195.3 |



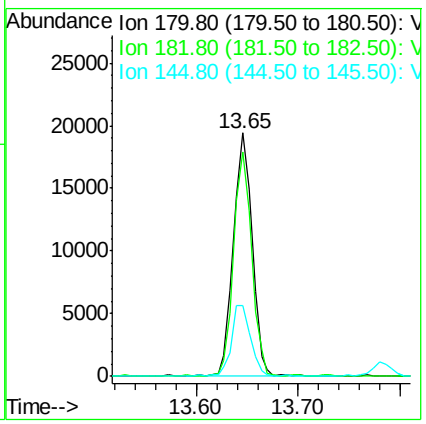


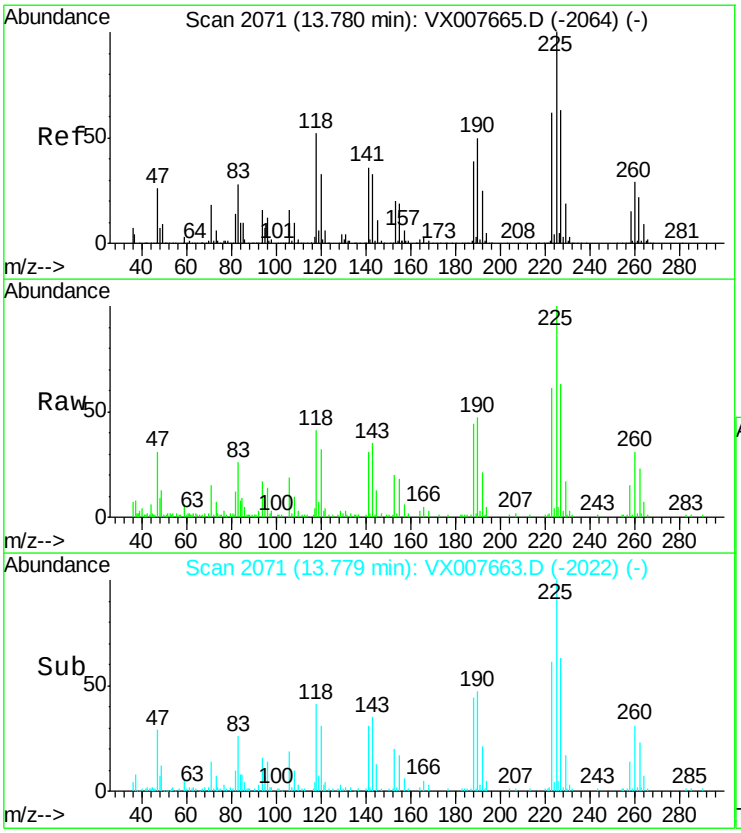

#93
1,2,4-Trichlorobenzene
Concen: 5.411 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:180 Resp: 24604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 88.1 | 47.8 | 143.3 |
| 145 | 29.6 | 14.1 | 42.2 |

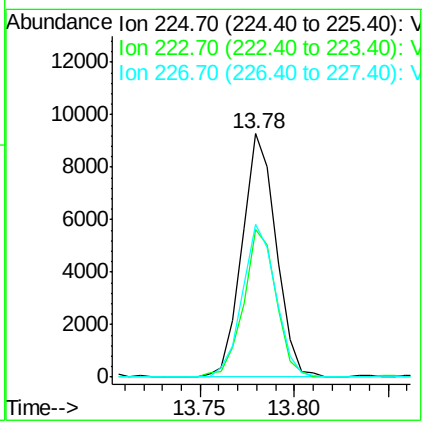


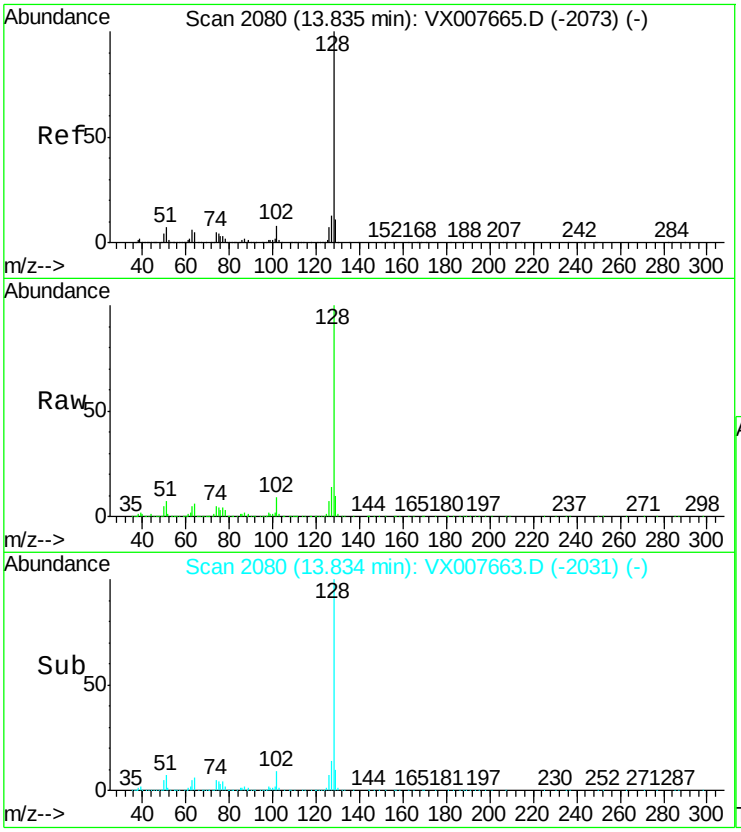




#94
Hexachlorobutadiene
Concen: 5.570 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:225 Resp: 11587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 58.0 | 31.6 | 94.8 |
| 227 | 61.8 | 32.1 | 96.3 |



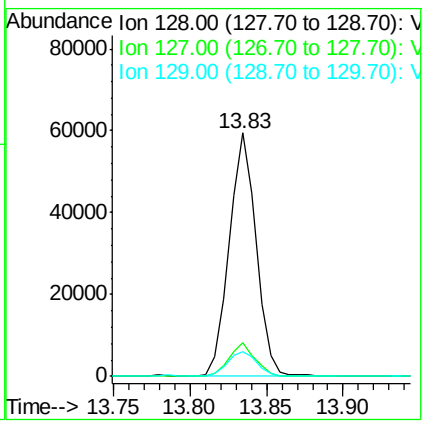


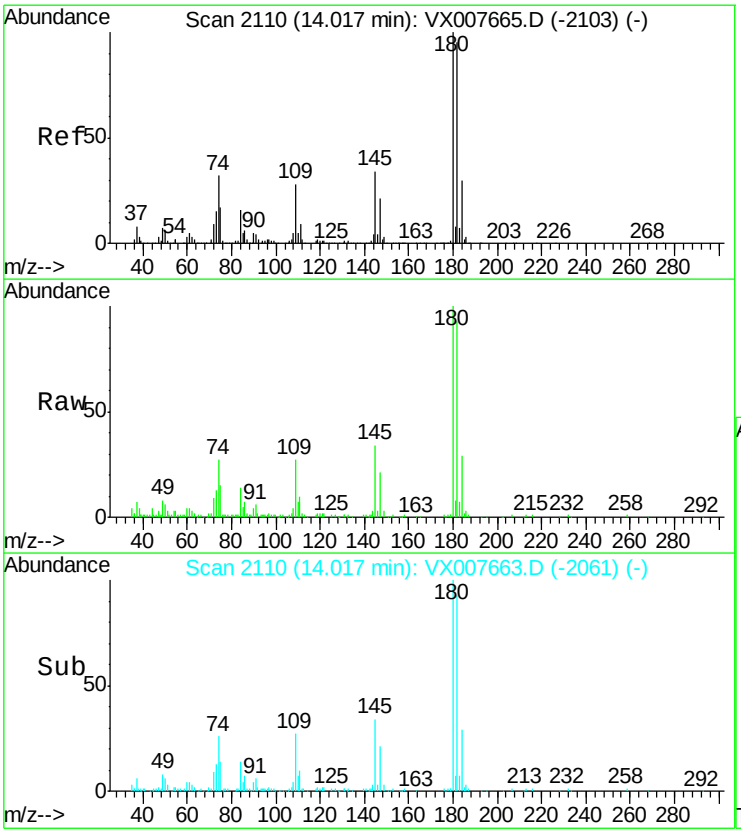

#95
Naphthalene
Concen: 4.918 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDICC005

Tgt Ion:128 Resp: 72455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.5 | 10.5 | 15.7 |
| 129 | 11.5 | 8.7 | 13.1 |




#96
1,2,3-Trichlorobenzene
Concen: 5.152 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007663.D
Acq: 25 Feb 2019 10:15

Tgt Ion:180 Resp: 23522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.7 | 47.5 | 142.6 |
| 145 | 34.7 | 14.9 | 44.5 |