Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092818\
Data File : VN051608.D
Acq On : 28 Sep 2018 8:39
Operator : MD\SY
Sample : VSTDICCC020
Misc : Sample
ALS Vial : 3 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC020

Quant Time: Sep 29 00:35:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 00:34:08 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 7.20 | 128 | 97509 | 30.00 | ug/l | | 0.00 |
| 28) 1,4-Difluorobenzene | 8.59 | 114 | 598639 | 30.00 | ug/l | | 0.00 |
| 57) Chlorobenzene-d5 | 11.41 | 117 | 514322 | 30.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 8.03 | 65 | 234428 | 34.53 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 115.10% | | | | |
| 60) 4-Bromofluorobenzene | 12.40 | 95 | 236484 | 29.90 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 99.67% | | | | |
| 63) Toluene-d8 | 10.09 | 98 | 751415 | 30.96 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 103.20% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 219948 | 25.703 | ug/l | | 98 |
| 3) Chloromethane | 2.06 | 50 | 240506 | 25.115 | ug/l | | 99 |
| 4) Vinyl Chloride | 2.18 | 62 | 228269 | 24.299 | ug/l | | 97 |
| 5) Bromomethane | 2.57 | 94 | 107225 | 21.974 | ug/l | | 100 |
| 6) Chloroethane | 2.70 | 64 | 117358 | 24.903 | ug/l | | 97 |
| 7) Trichlorofluoromethane | 3.02 | 101 | 268206 | 23.368 | ug/l | | 97 |
| 8) Diethyl Ether | 3.41 | 74 | 49772 | 13.806 | ug/l | | 81 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 100821 | 15.540 | ug/l | | 95 |
| 10) 1,1-Dichloroethene | 3.74 | 96 | 87870 | 14.924 | ug/l | | 99 |
| 11) Methyl Iodide | 3.95 | 142 | 130788 | 17.257 | ug/l | | 96 |
| 12) Methyl Acetate | 4.33 | 43 | 60340 | 11.612 | ug/l | # | 89 |
| 13) Acrolein | 3.61 | 56 | 34495 | 60.087 | ug/l | | 99 |
| 14) Acrylonitrile | 4.99 | 53 | 122863 | 59.041 | ug/l | | 97 |
| 15) Acetone | 3.82 | 58 | 38307 | 70.208 | ug/l | | 88 |
| 16) Carbon Disulfide | 4.05 | 76 | 257747 | 13.585 | ug/l | | 99 |
| 17) Allyl chloride | 4.33 | 41 | 117219 | 11.129 | ug/l | | 88 |
| 18) Methylene Chloride | 4.55 | 84 | 98227 | 14.511 | ug/l | | 89 |
| 19) trans-1,2-Dichloroethene | 5.05 | 96 | 91564 | 14.650 | ug/l | | 93 |
| 20) Diisopropyl ether | 5.96 | 45 | 252006 | 12.061 | ug/l | # | 94 |
| 21) 1,1-Dichloroethane | 5.85 | 63 | 170087 | 13.735 | ug/l | | 98 |
| 22) cis-1,2-Dichloroethene | 6.83 | 96 | 116778 | 17.108 | ug/l | | 97 |
| 23) tert-Butyl Alcohol | 4.79 | 59 | 26373 | 66.503 | ug/l | # | 100 |
| 24) Methyl tert-Butyl Ether | 5.05 | 73 | 228195 | 14.747 | ug/l | | 98 |
| 25) Chloroform | 7.37 | 83 | 294158 | 24.844 | ug/l | | 99 |
| 26) Cyclohexane | 7.66 | 56 | 261682 | 24.419 | ug/l | # | 99 |
| 29) 1,1-Dichloropropene | 7.79 | 75 | 223935 | 21.937 | ug/l | | 98 |
| 30) 2-Butanone | 6.84 | 43 | 181802 | 65.437 | ug/l | | 97 |
| 31) 2,2-Dichloropropane | 6.82 | 77 | 176617 | 16.031 | ug/l | | 98 |
| 32) 1,1,1-Trichloroethane | 7.57 | 97 | 248324 | 21.651 | ug/l | | 100 |
| 33) Carbon Tetrachloride | 7.77 | 117 | 225312 | 21.857 | ug/l | | 99 |
| 34) Benzene | 8.04 | 78 | 657646 | 21.715 | ug/l | | 97 |
| 35) Methacrylonitrile | 7.18 | 41 | 57701 | 17.917 | ug/l | | 98 |
| 36) 1,2-Dichloroethane | 8.13 | 62 | 204523 | 21.186 | ug/l | | 100 |
| 37) Trichloroethene | 8.84 | 130 | 169640 | 21.817 | ug/l | | 99 |
| 38) Methylcyclohexane | 9.08 | 83 | 246955 | 20.966 | ug/l | | 99 |
| 39) 1,2-Dichloropropane | 9.12 | 63 | 183956 | 22.167 | ug/l | | 97 |
| 40) Dibromomethane | 9.21 | 93 | 98712 | 21.413 | ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092818\
Data File : VN051608.D
Acq On : 28 Sep 2018 8:39
Operator : MD\SY
Sample : VSTDICCC020
Misc : Sample
ALS Vial : 3 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC020

Quant Time: Sep 29 00:35:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 00:34:08 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Bromodichloromethane | 9.40 | 83 | 218049 | 21.670 ug/l | 98 |
| 42) Vinyl Acetate | 5.90 | 43 | 842525 | 54.473 ug/l # | 95 |
| 43) Ethyl Acetate | 6.93 | 43 | 82200 | 13.978 ug/l | 100 |
| 44) Isopropyl Acetate | 8.17 | 43 | 258960 | 22.490 ug/l | 94 |
| 45) 1,4-Dioxane | 9.20 | 88 | 26111 | 419.761 ug/l | 95 |
| 46) Methyl methacrylate | 9.20 | 41 | 111688 | 20.851 ug/l | 97 |
| 47) n-amyl Acetate | 12.07 | 43 | 173596 | 20.150 ug/l | 99 |
| 48) t-1,3-Dichloropropene | 10.38 | 75 | 208491 | 20.760 ug/l | 96 |
| 49) cis-1,3-Dichloropropene | 9.84 | 75 | 251967 | 21.459 ug/l | 99 |
| 50) 1,1,2-Trichloroethane | 10.56 | 97 | 142538 | 21.880 ug/l | 97 |
| 51) Ethyl methacrylate | 10.43 | 69 | 158635 | 20.070 ug/l | 98 |
| 52) 1,3-Dichloropropane | 10.71 | 76 | 241000 | 21.576 ug/l | 99 |
| 53) Dibromochloromethane | 10.90 | 129 | 157127 | 21.177 ug/l | 100 |
| 54) 1,2-Dibromoethane | 11.01 | 107 | 132688 | 21.227 ug/l | 99 |
| 55) 2-Chloroethyl vinyl ether | 9.70 | 63 | 400715 | 102.568 ug/l | 100 |
| 56) Bromoform | 12.13 | 173 | 102802 | 20.881 ug/l | 99 |
| 58) 4-Methyl-2-Pentanone | 9.99 | 43 | 626634 | 107.311 ug/l | 99 |
| 59) 2-Hexanone | 10.75 | 43 | 424782 | 110.575 ug/l | 99 |
| 61) Tetrachloroethene | 10.63 | 164 | 163594 | 22.466 ug/l | 98 |
| 62) Toluene | 10.16 | 91 | 695855 | 22.065 ug/l | 100 |
| 64) Chlorobenzene | 11.43 | 112 | 407454 | 21.369 ug/l | 99 |
| 65) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 158676 | 21.793 ug/l | 99 |
| 66) Ethyl Benzene | 11.51 | 91 | 686217 | 21.261 ug/l | 100 |
| 67) m/p-Xylenes | 11.62 | 106 | 548548 | 44.097 ug/l | 99 |
| 68) o-Xylene | 11.95 | 106 | 257943 | 21.722 ug/l | 95 |
| 69) Styrene | 11.96 | 104 | 401748 | 21.555 ug/l | 99 |
| 70) Isopropylbenzene | 12.25 | 105 | 687082 | 21.691 ug/l | 99 |
| 71) 1,1,2,2-Tetrachloroethane | 12.50 | 83 | 163961 | 21.395 ug/l | 98 |
| 72) 1,2,3-Trichloropropane | 12.55 | 75 | 201049 | 31.841 ug/l | 49 |
| 73) Bromobenzene | 12.53 | 156 | 166385 | 21.108 ug/l | 99 |
| 74) n-propylbenzene | 12.59 | 91 | 790313 | 21.432 ug/l | 99 |
| 75) 2-Chlorotoluene | 12.67 | 91 | 481080 | 21.848 ug/l | 99 |
| 76) 1,3,5-Trimethylbenzene | 12.73 | 105 | 576030 | 21.764 ug/l | 99 |
| 77) t-1,4-Dichloro-2-butene | 12.30 | 75 | 42836 | 20.643 ug/l | 95 |
| 78) 4-Chlorotoluene | 12.77 | 91 | 461262 | 21.207 ug/l | 100 |
| 79) tert-butylbenzene | 12.99 | 119 | 491245 | 21.423 ug/l | 97 |
| 80) 1,2,4-Trimethylbenzene | 13.04 | 105 | 581506 | 21.997 ug/l | 99 |
| 81) sec-Butylbenzene | 13.17 | 105 | 682420 | 21.544 ug/l | 100 |
| 82) p-Isopropyltoluene | 13.29 | 119 | 582637 | 21.522 ug/l | 99 |
| 83) 1,3-Dichlorobenzene | 13.28 | 146 | 293284 | 21.352 ug/l | 98 |
| 84) 1,4-Dichlorobenzene | 13.36 | 146 | 269886 | 20.903 ug/l | 100 |
| 85) n-Butylbenzene | 13.62 | 91 | 455066 | 20.479 ug/l | 100 |
| 86) Hexachloroethane | 13.87 | 117 | 115081 | 21.253 ug/l | 98 |
| 87) 1,2-Dichlorobenzene | 13.65 | 146 | 285086 | 21.217 ug/l | 98 |
| 88) 1,2-Dibromo-3-Chloropropan | 14.27 | 75 | 23028 | 20.617 ug/l | 96 |
| 89) 1,2,4-Trichlorobenzene | 14.91 | 180 | 118494 | 18.841 ug/l | 97 |
| 90) Hexachlorobutadiene | 15.01 | 225 | 104340 | 20.351 ug/l | 97 |
| 91) Naphthalene | 15.13 | 128 | 199910 | 16.926 ug/l | 99 |
| 92) 1,2,3-Trichlorobenzene | 15.31 | 180 | 122923 | 19.434 ug/l | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092818\
Data File : VN051608.D
Acq On : 28 Sep 2018 8:39
Operator : MD\SY
Sample : VSTDICCC020
Misc : Sample
ALS Vial : 3 Sample Multiplier: 28

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Quant Time: Sep 29 00:35:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 00:34:08 2018
Response via : Initial Calibration

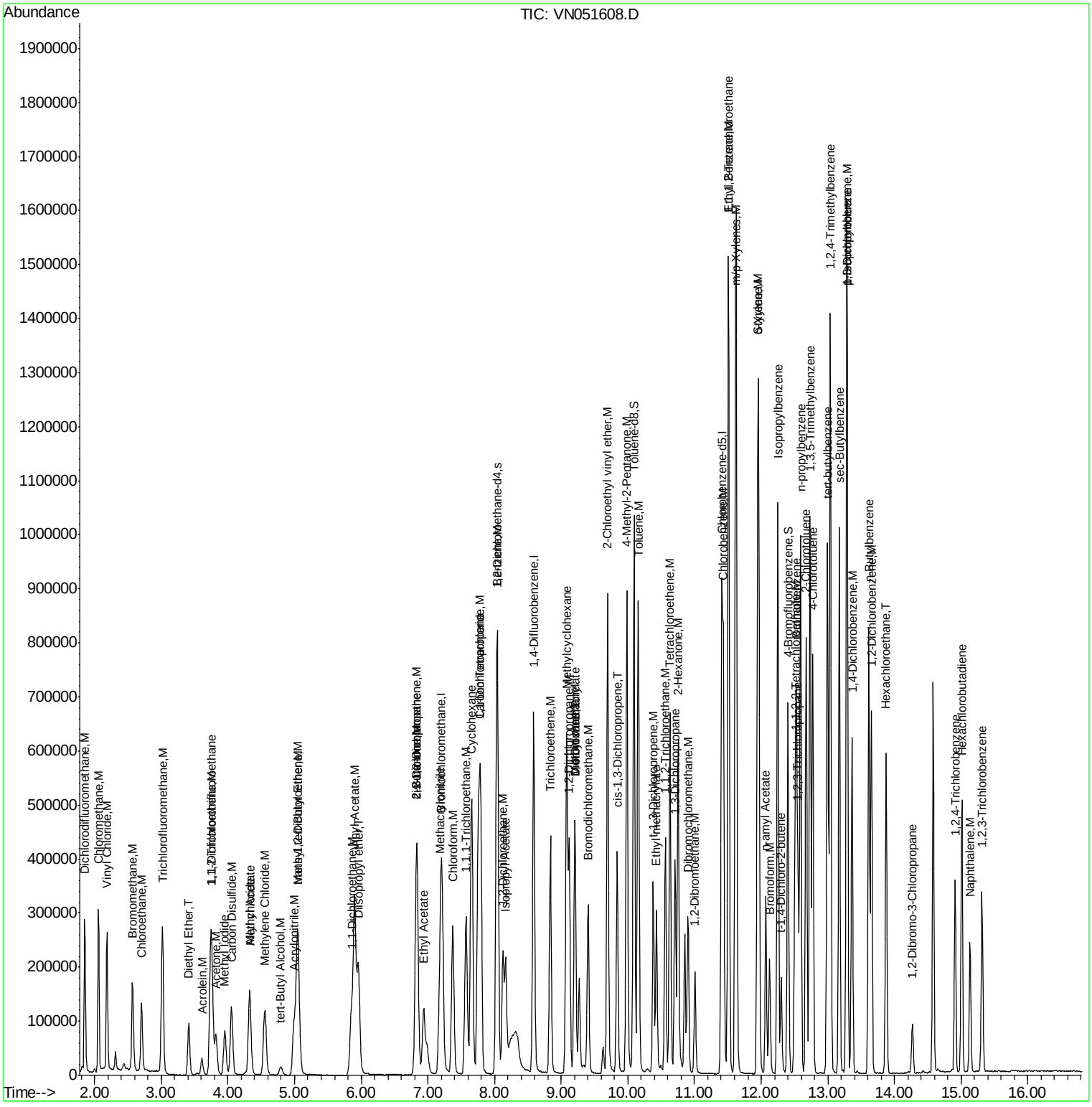
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

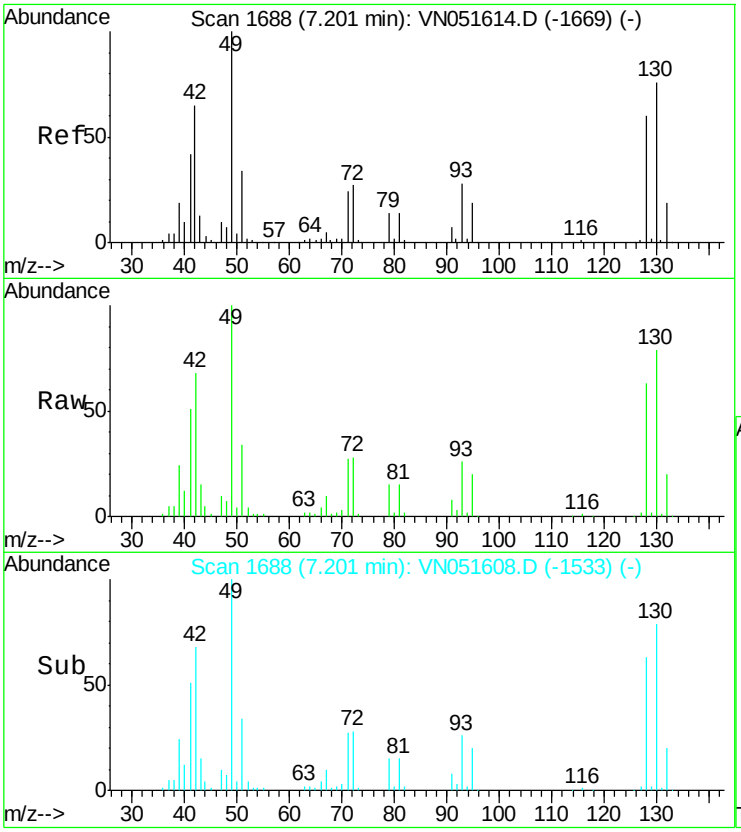
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092818\
Data File : VN051608.D
Acq On : 28 Sep 2018 8:39
Operator : MD\SY
Sample : VSTDICCC020
Misc : Sample
ALS Vial : 3 Sample Multiplier: 28

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Quant Time: Sep 29 00:35:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 00:34:08 2018
Response via : Initial Calibration



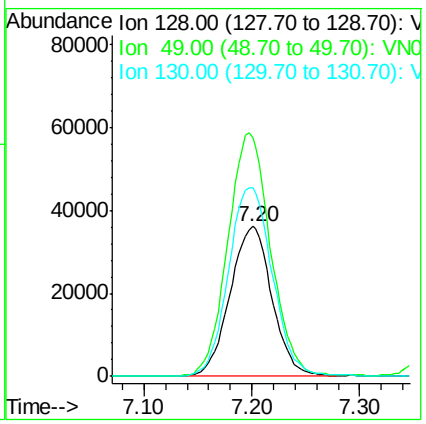


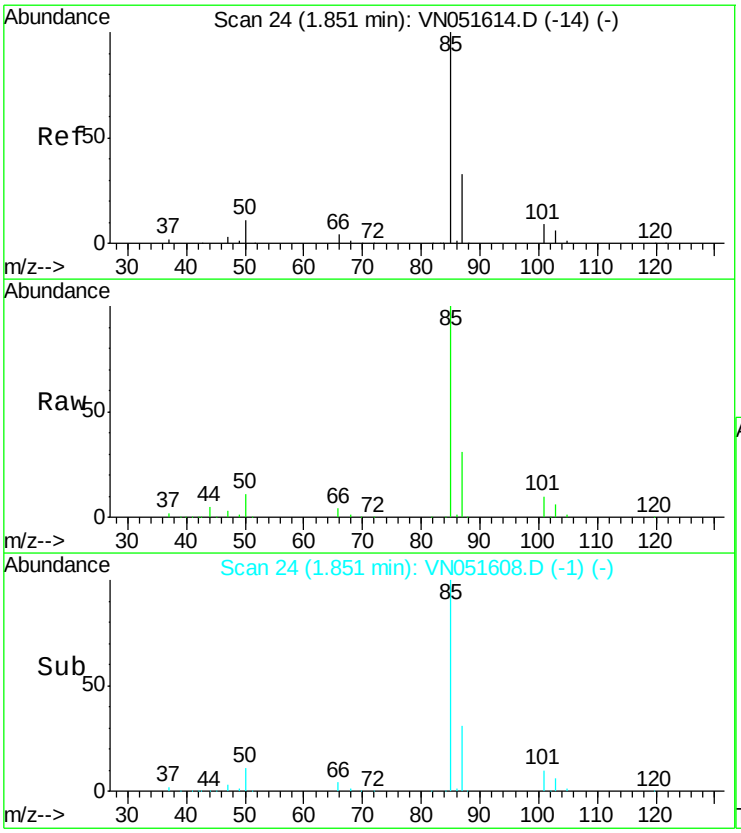

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:128 Resp: 97509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 165.9 | 0.0 | 426.8 |
| 130 | 132.0 | 0.0 | 326.3 |

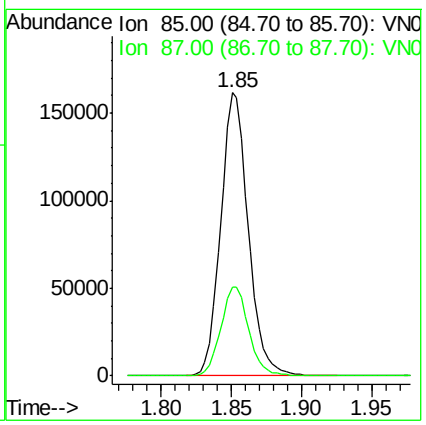


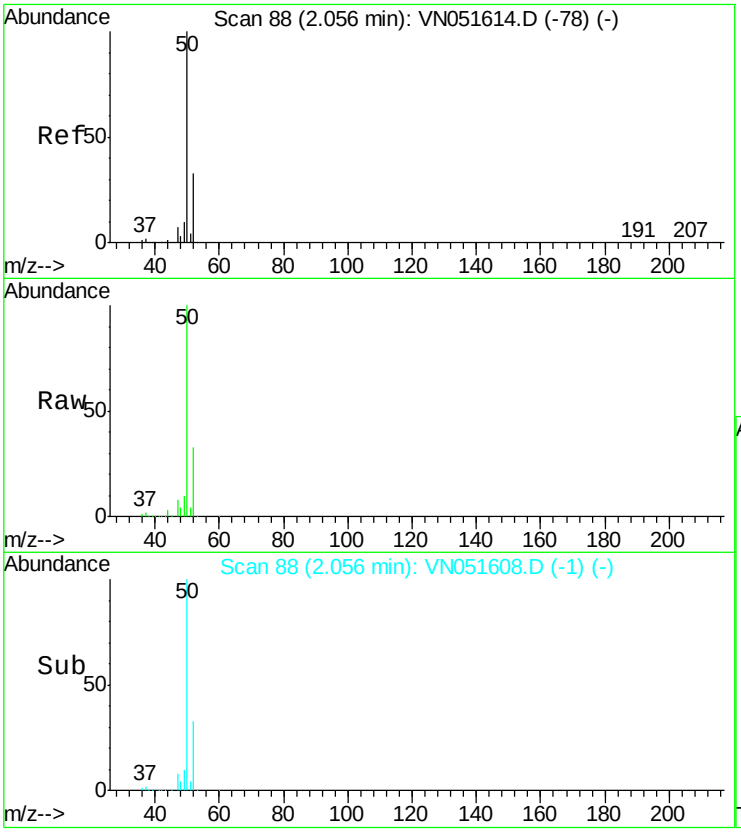




#2
Dichlorodifluoromethane
Concen: 25.703 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 85 Resp: 219948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.4 | 16.3 | 48.8 |



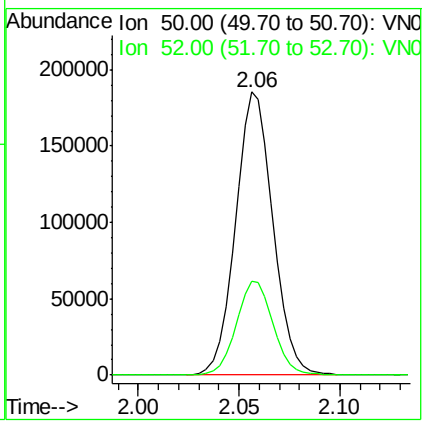


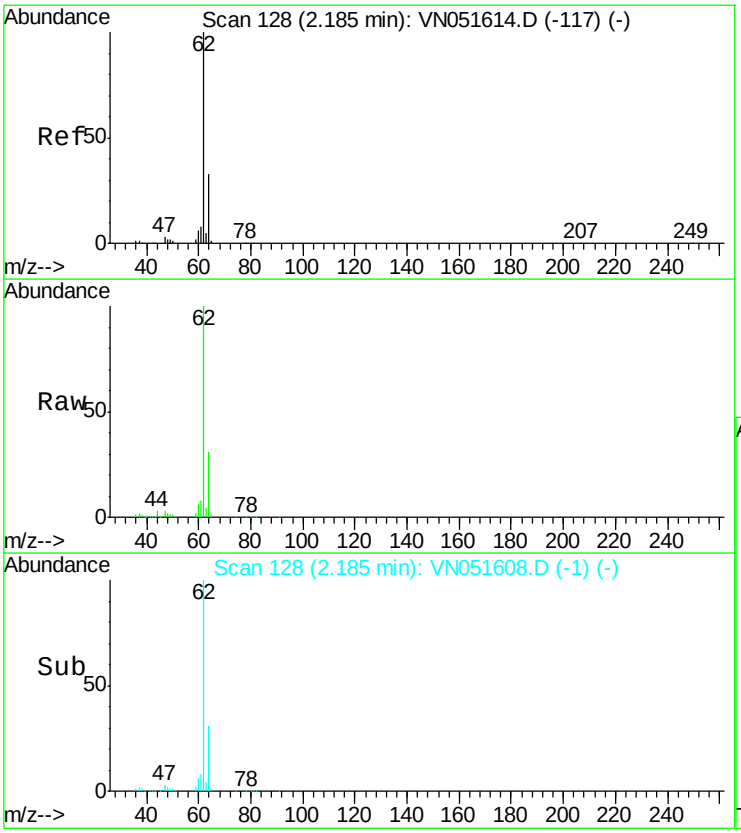

#3
Chloromethane
Concen: 25.115 ug/l
RT: 2.06 min Scan# 88
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 50 Resp: 240506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.2 | 26.0 | 39.0 |

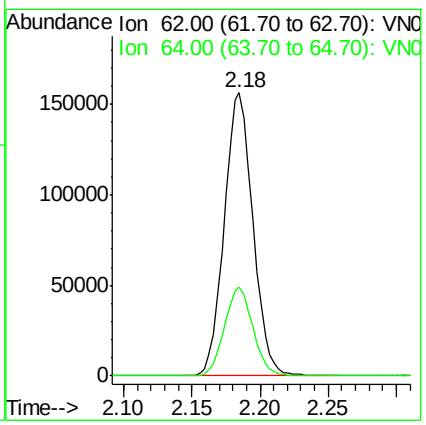


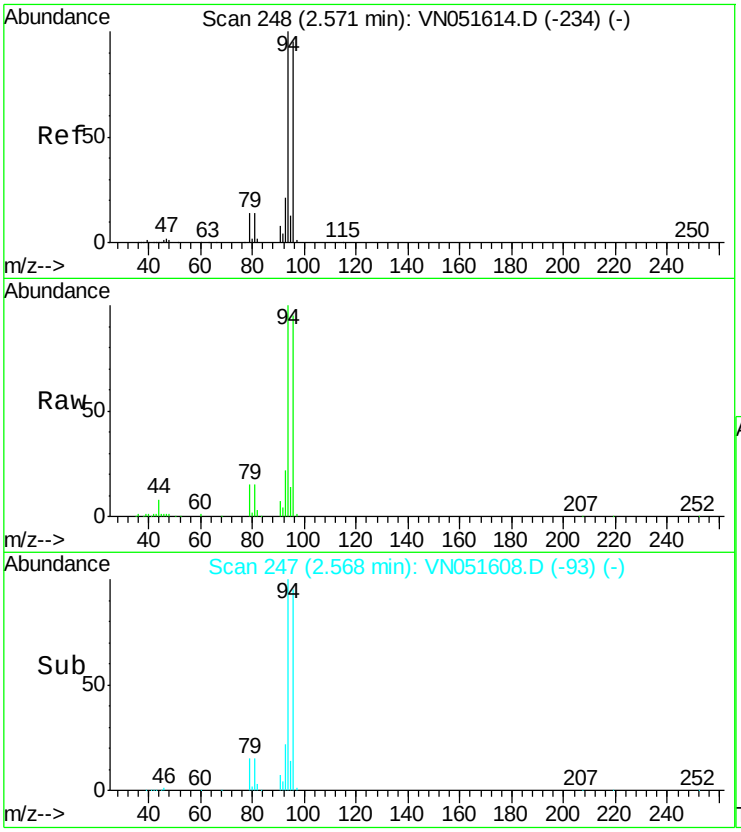




#4
Vinyl Chloride
Concen: 24.299 ug/l
RT: 2.18 min Scan# 128
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 62 Resp: 228269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.3 | 26.3 | 39.5 |



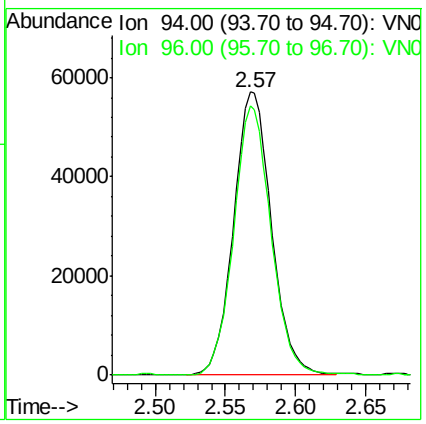


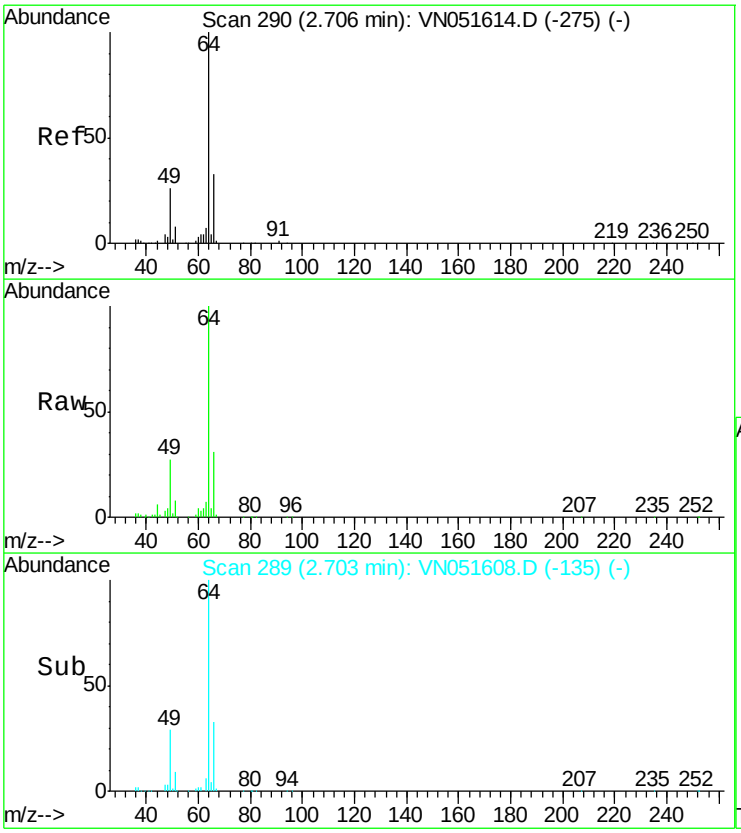

#5
Bromomethane
Concen: 21.974 ug/l
RT: 2.57 min Scan# 247
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 94 Resp: 107225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.1 | 75.8 | 113.6 |

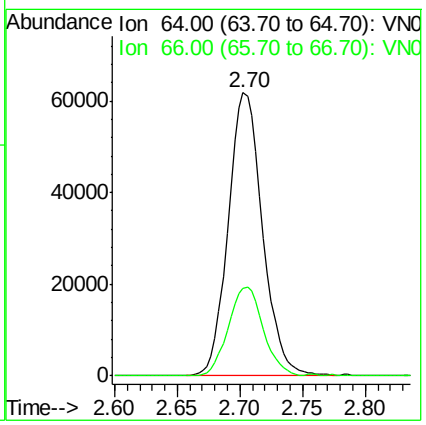


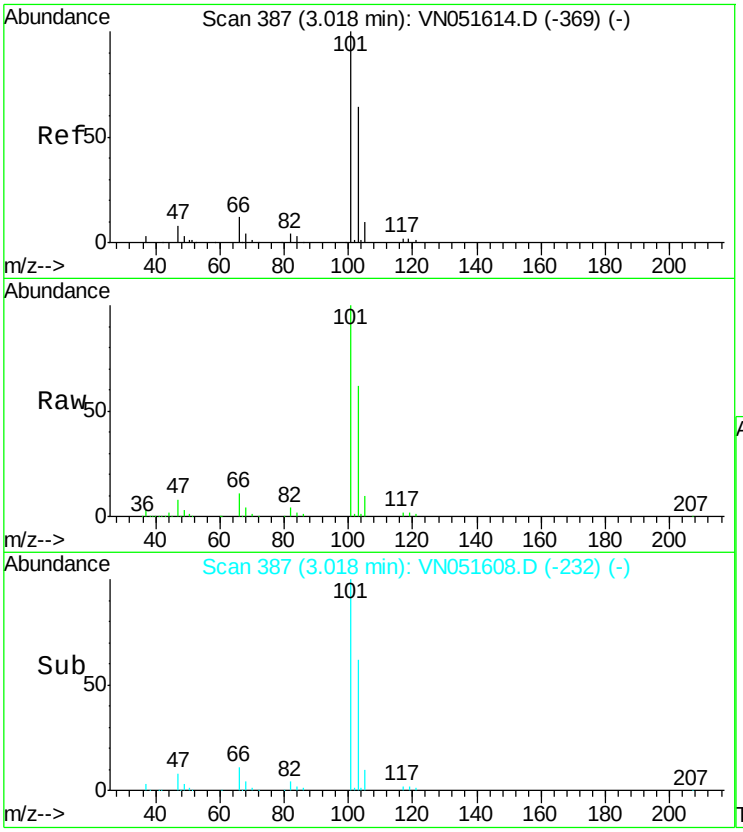




#6
Chloroethane
Concen: 24.903 ug/l
RT: 2.70 min Scan# 289
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 64 Resp: 117358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.1 | 26.1 | 39.1 |



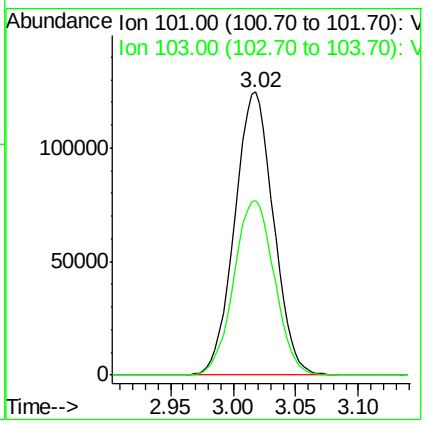


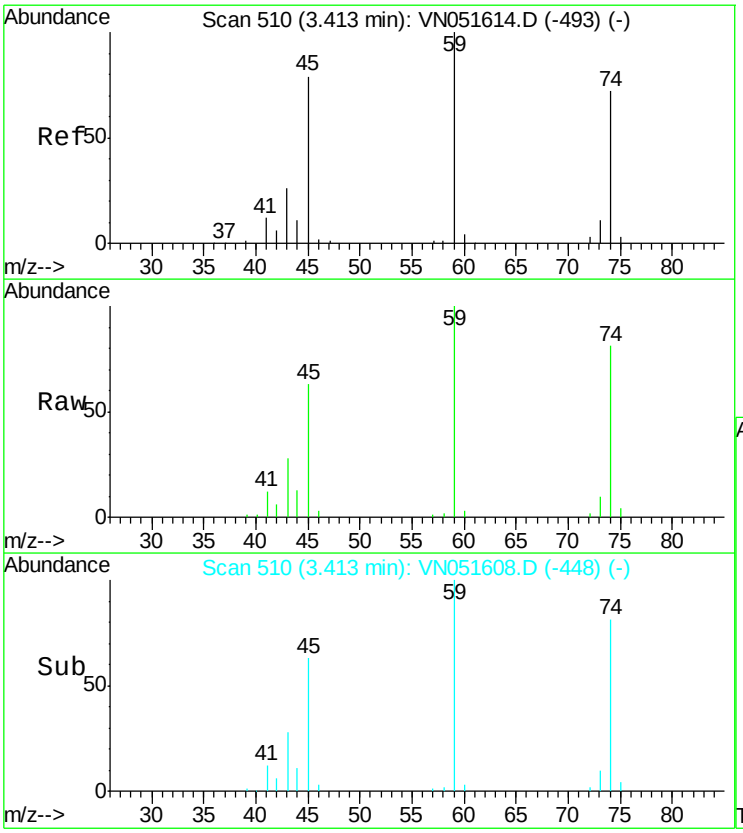

#7
Trichlorofluoromethane
Concen: 23.368 ug/l
RT: 3.02 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:101 Resp: 268206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 61.7 | 51.2 | 76.8 |

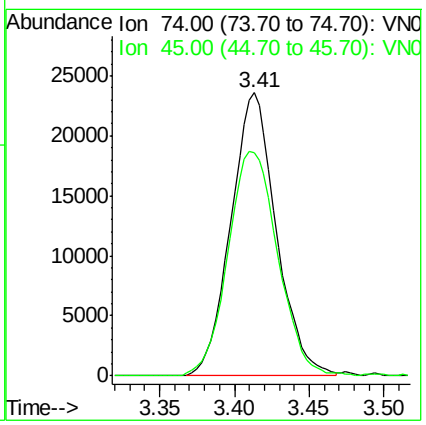


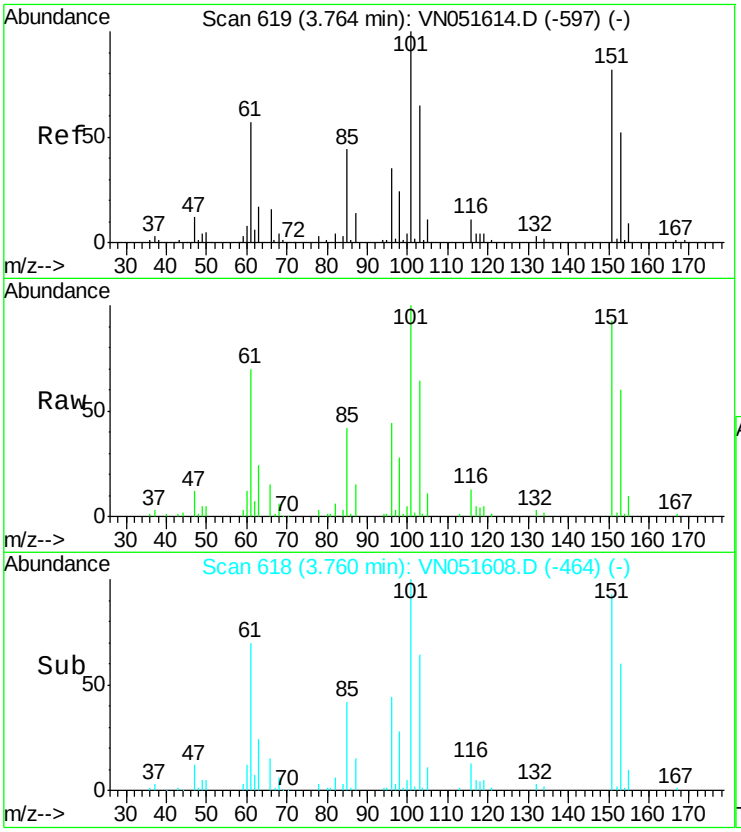




#8
Diethyl Ether
Concen: 13.806 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 74 Resp: 49772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 87.1 | 21.3 | 191.5 |



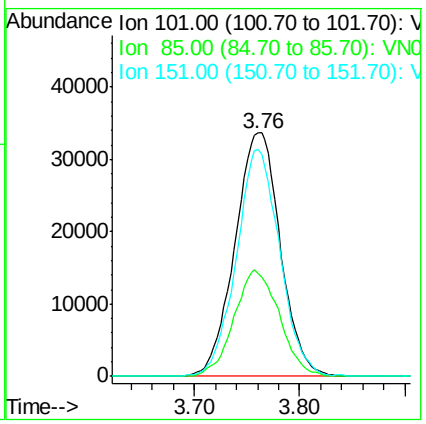


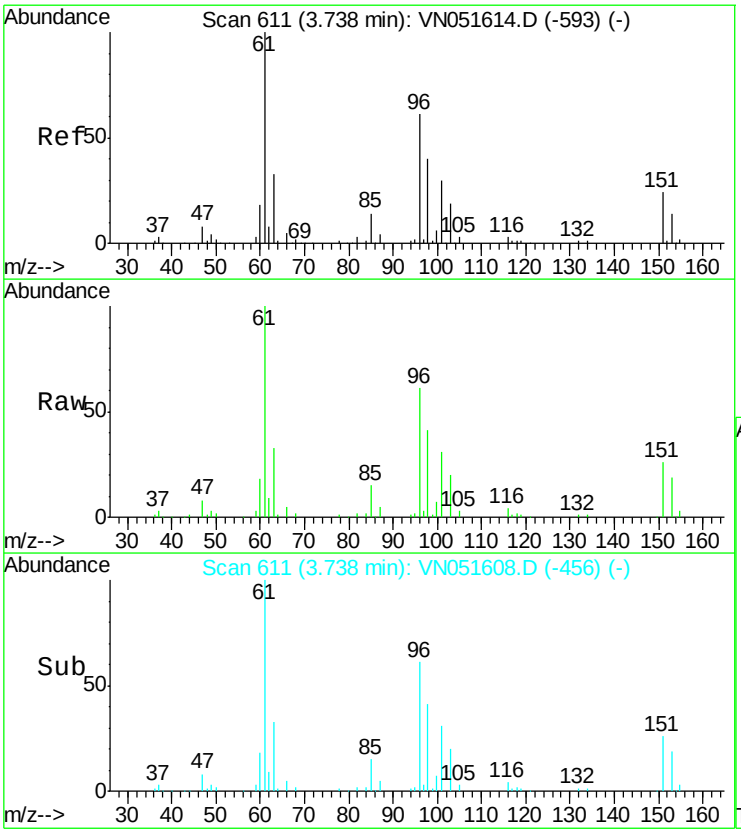

#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.540 ug/l
RT: 3.76 min Scan# 618
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:101 Resp: 100821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.3 | 0.0 | 89.4 |
| 151 | 89.1 | 0.0 | 167.6 |

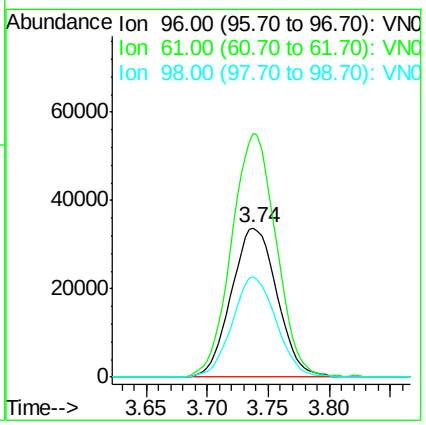


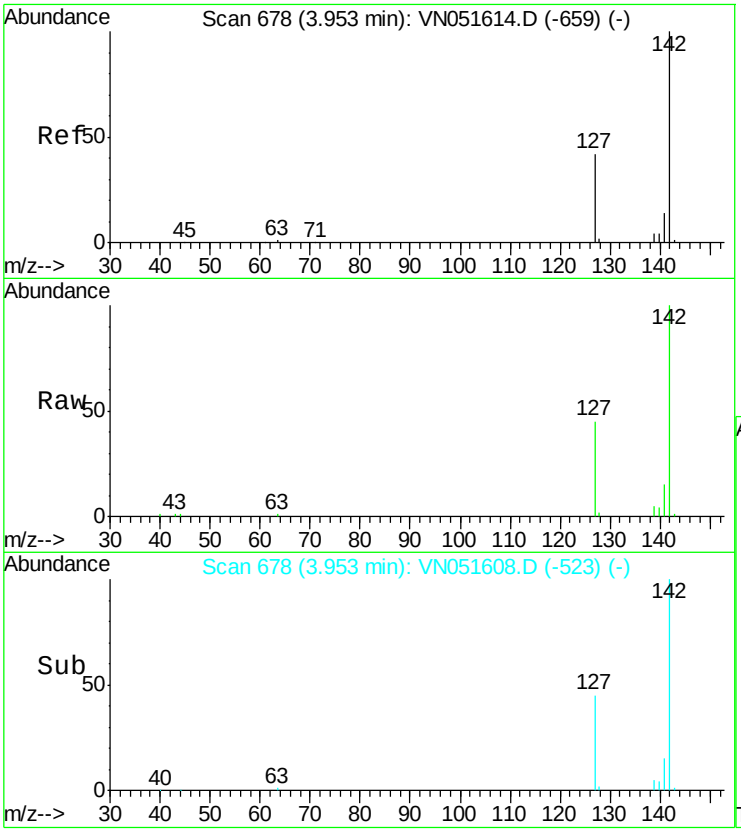




#10
1,1-Dichloroethene
Concen: 14.924 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 96 Resp: 87870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 162.9 | 131.0 | 196.4 |
| 98 | 67.4 | 52.7 | 79.1 |



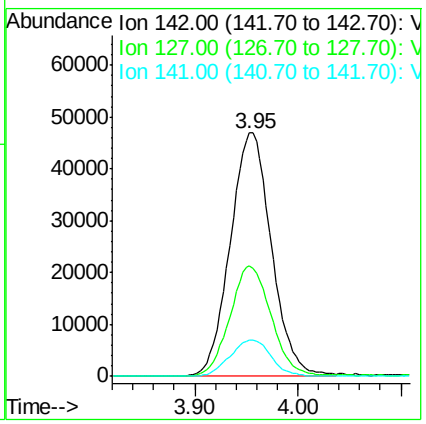


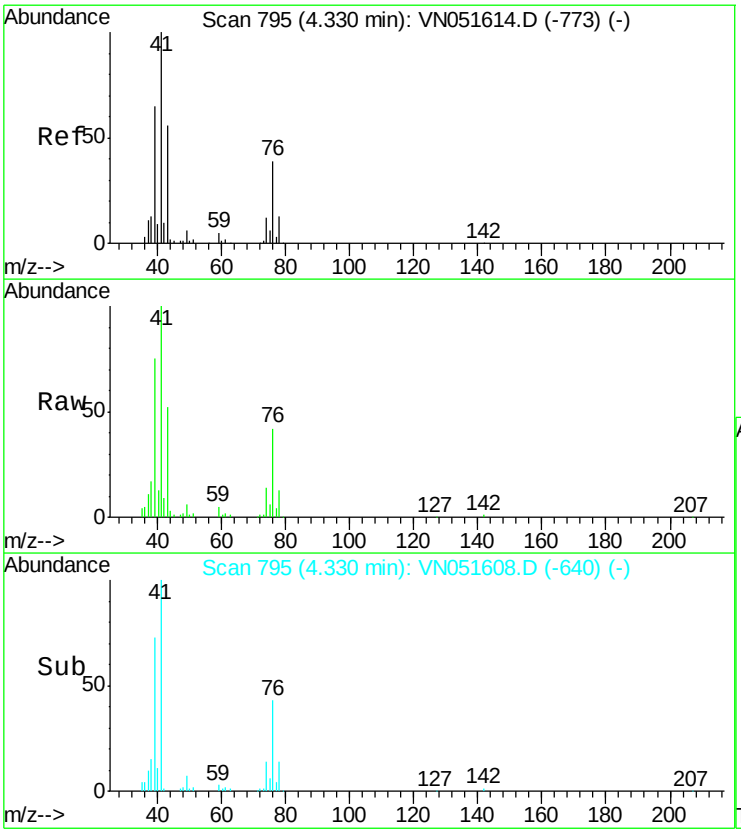

#11
Methyl Iodide
Concen: 17.257 ug/l
RT: 3.95 min Scan# 678
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC020

Tgt Ion:142 Resp: 130788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 45.2 | 21.1 | 63.1 |
| 141 | 14.9 | 7.1 | 21.4 |

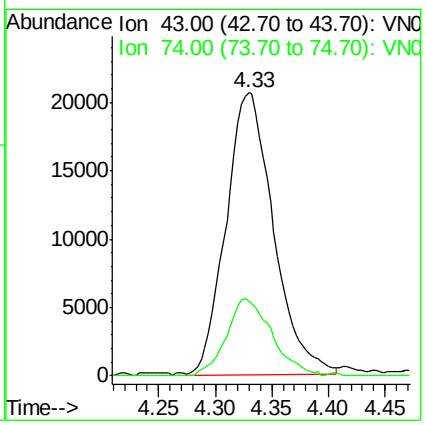


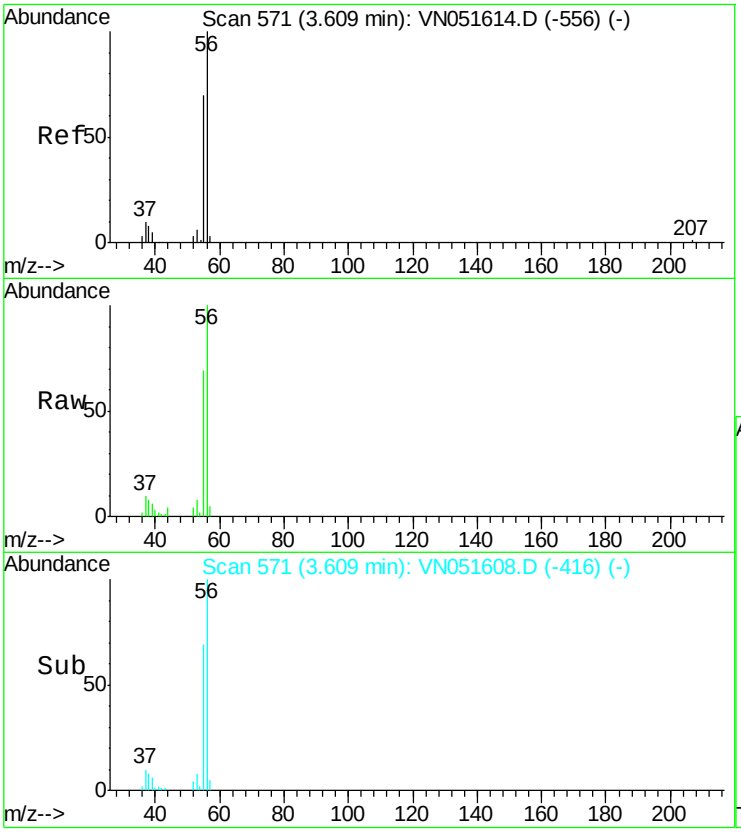




#12
Methyl Acetate
Concen: 11.612 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 43 Resp: 60340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.4 | 17.0 | 25.4# |



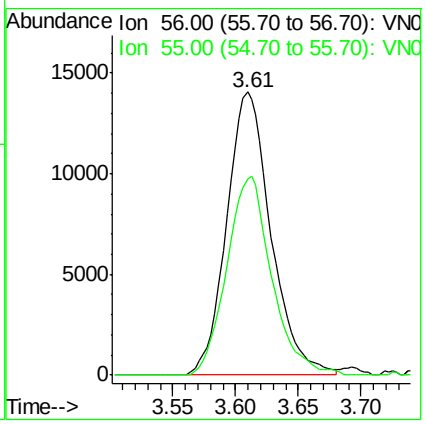


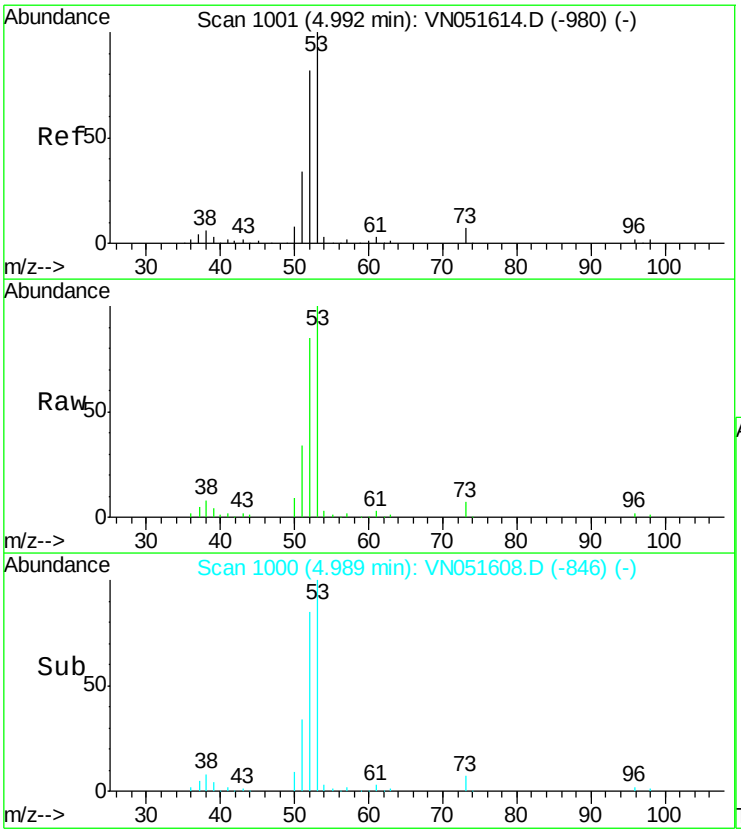

#13
Acrolein
Concen: 60.087 ug/l
RT: 3.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 56 Resp: 34495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.5 | 55.8 | 83.8 |

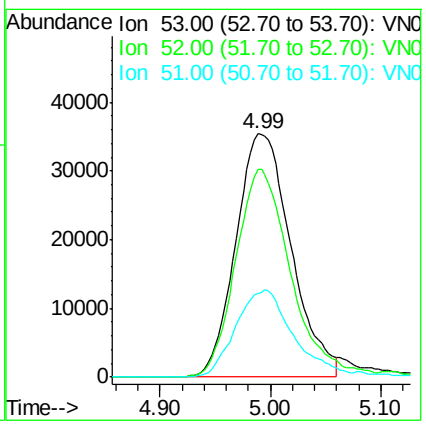


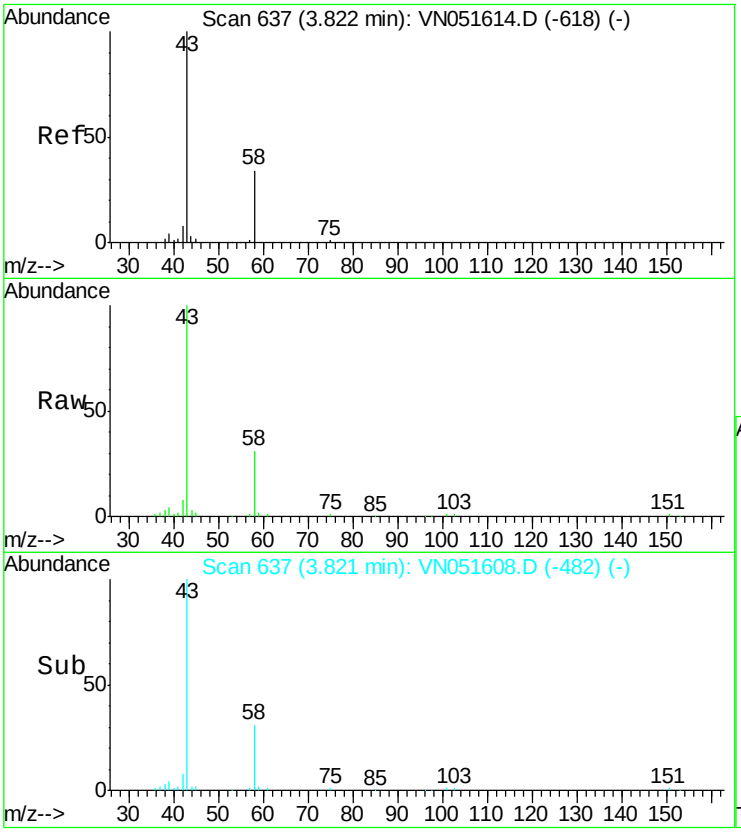




#14
Acrylonitrile
Concen: 59.041 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 53 Resp: 122863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.9 | 41.3 | 123.7 |
| 51 | 37.1 | 17.1 | 51.2 |



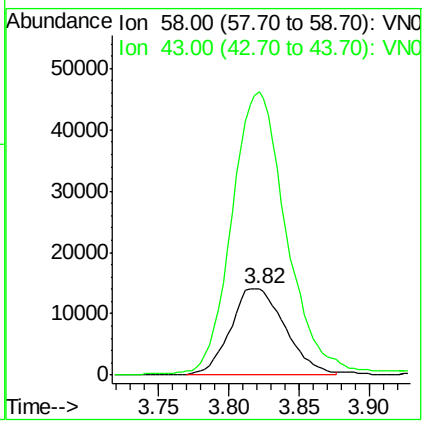


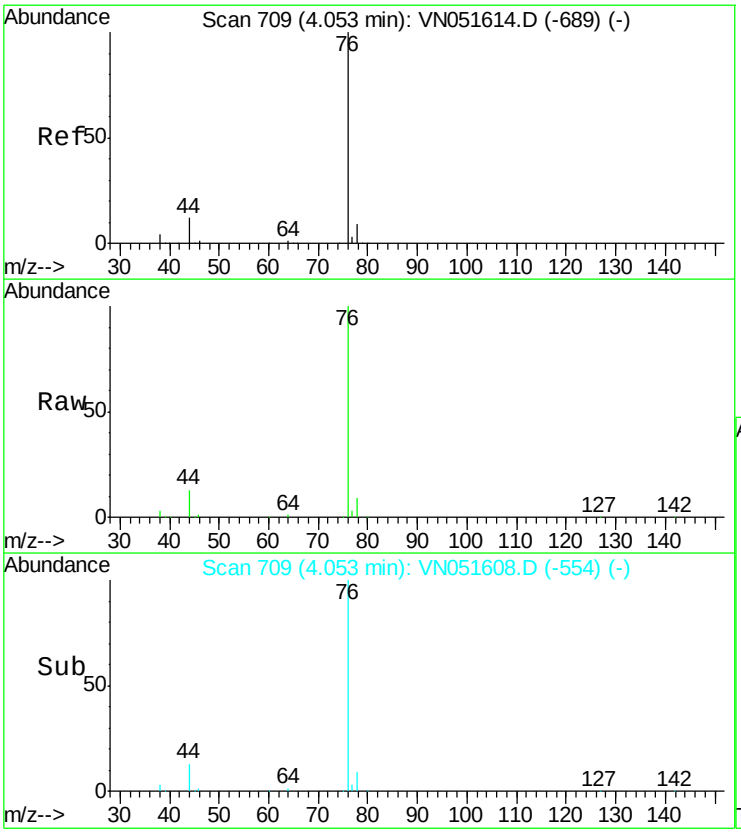

#15
Acetone
Concen: 70.208 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 58 Resp: 38307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 58 | 100 | | |
| 43 | 321.5 | 238.0 | 357.0 |

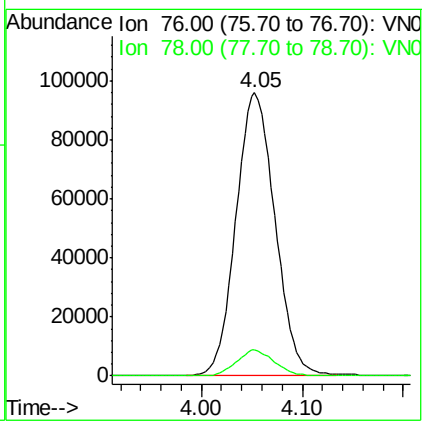


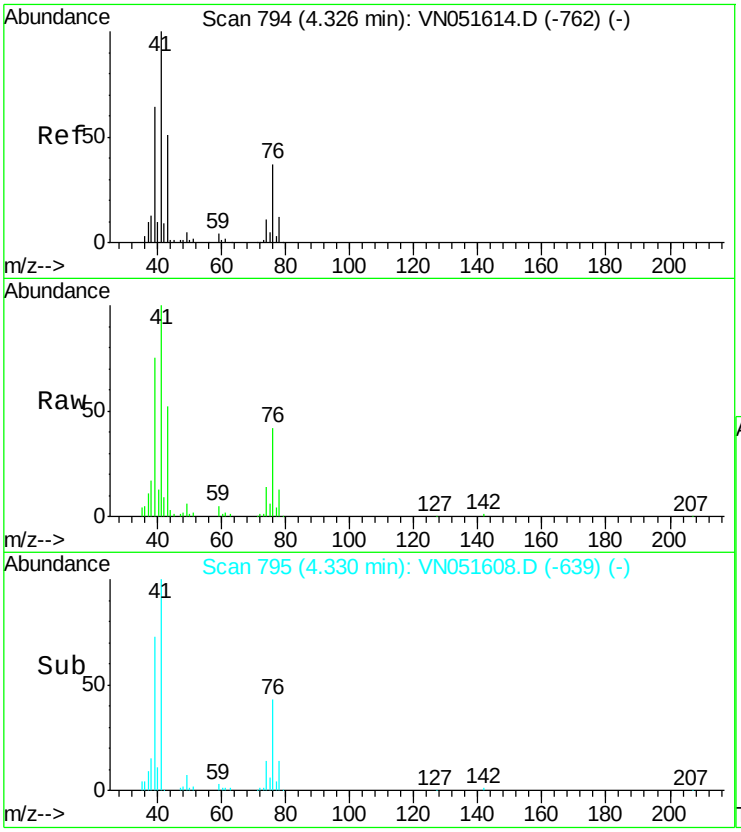




#16
Carbon Disulfide
Concen: 13.585 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 76 Resp: 257747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.4 | 7.3 | 10.9 |



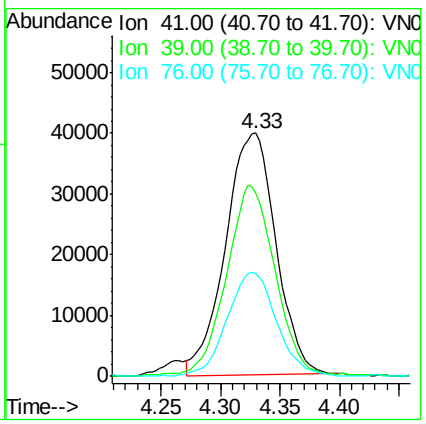


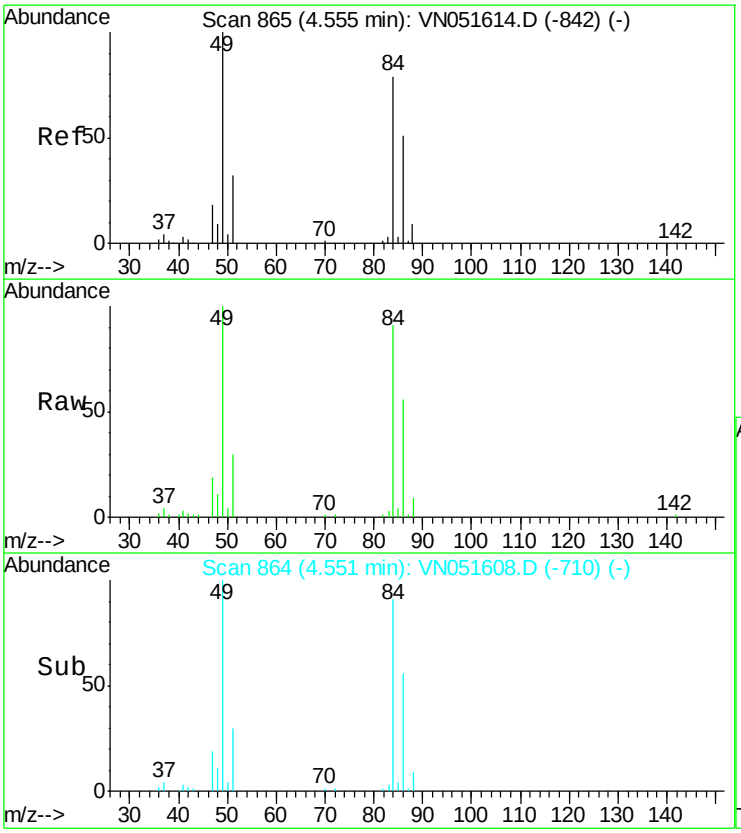

#17
Allyl chloride
Concen: 11.129 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC020

Tgt Ion: 41 Resp: 117219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 75.1 | 31.9 | 95.9 |
| 76 | 42.3 | 18.6 | 56.0 |

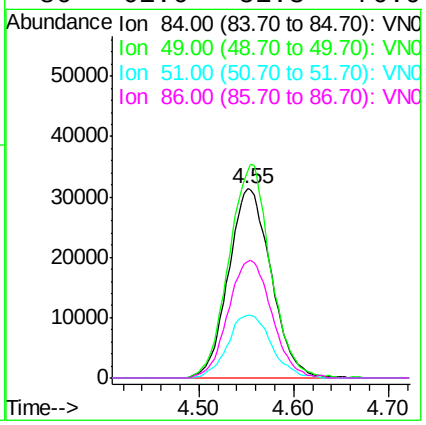


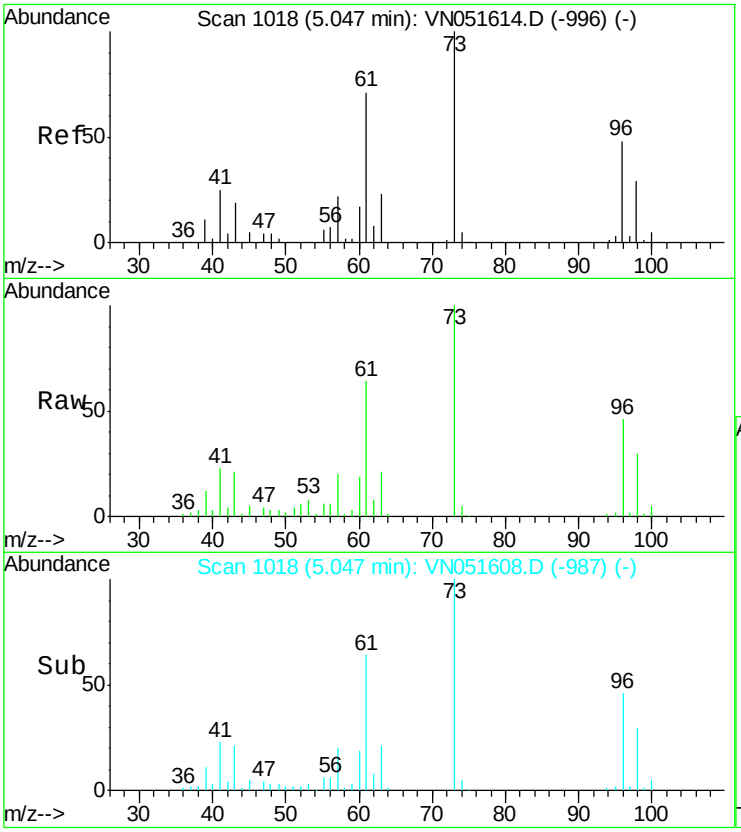




#18
Methylene Chloride
Concen: 14.511 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 84 Resp: 98227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 109.5 | 100.9 | 151.3 |
| 51 | 33.0 | 32.5 | 48.7 |
| 86 | 61.6 | 51.3 | 76.9 |



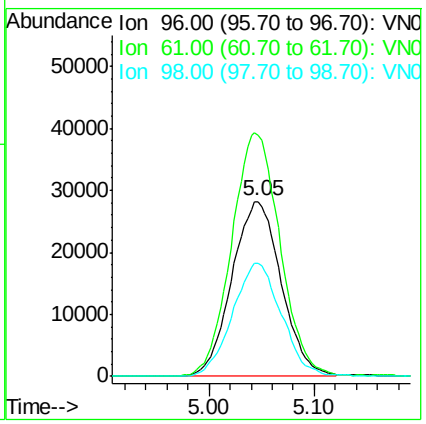


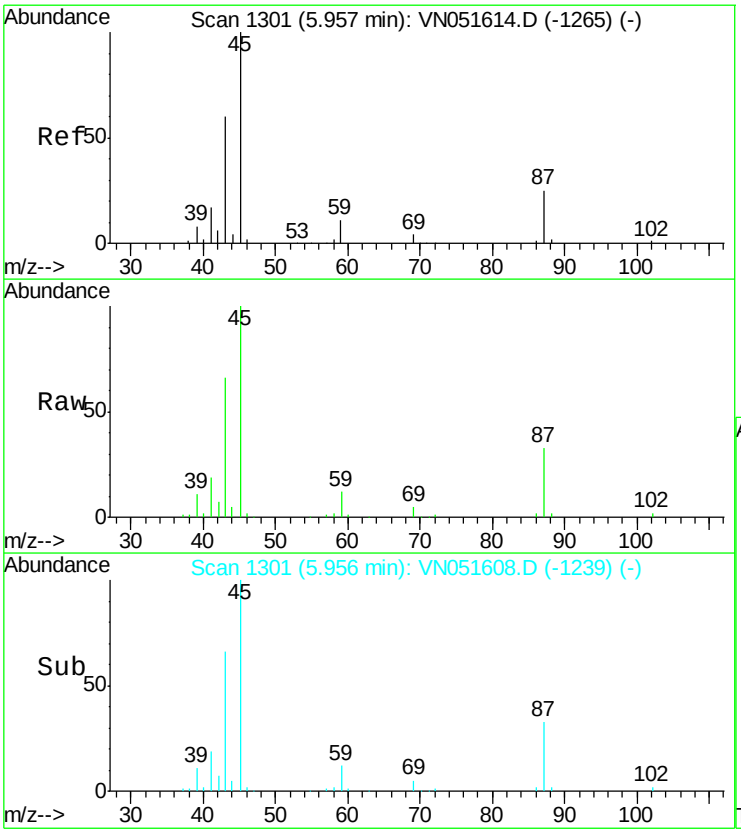

#19
trans-1,2-Dichloroethene
Concen: 14.650 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 96 Resp: 91564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 136.7 | 118.0 | 177.0 |
| 98 | 64.5 | 49.0 | 73.4 |

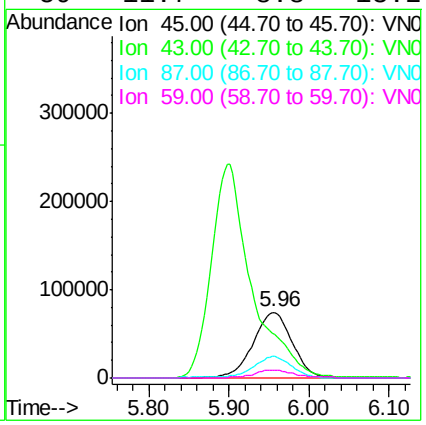


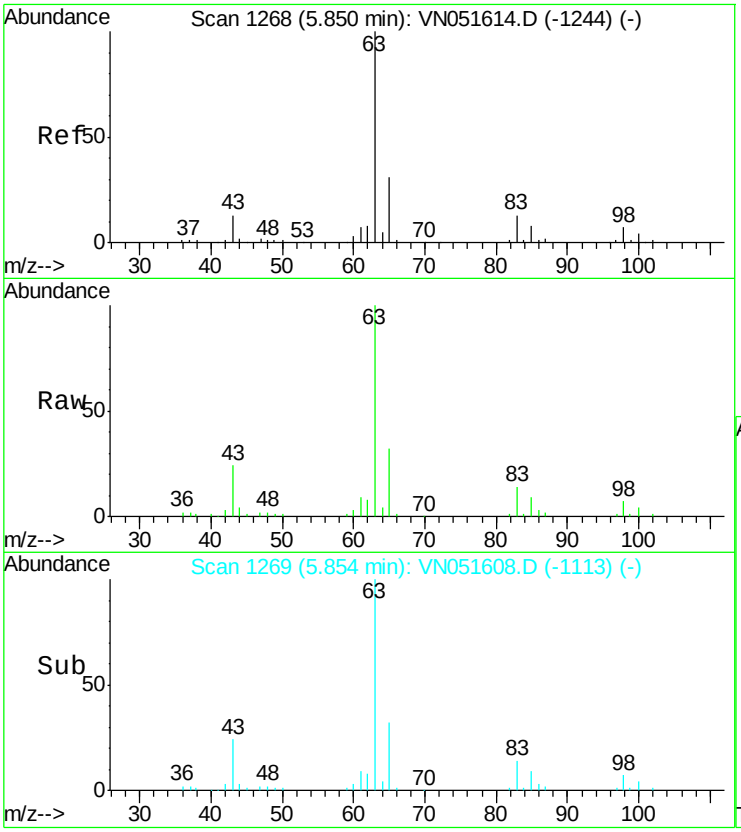




#20
Diisopropyl ether
Concen: 12.061 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 45 Resp: 252006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 62.8 | 48.3 | 72.5 |
| 87 | 32.4 | 20.8 | 31.2# |
| 59 | 11.7 | 8.8 | 13.2 |



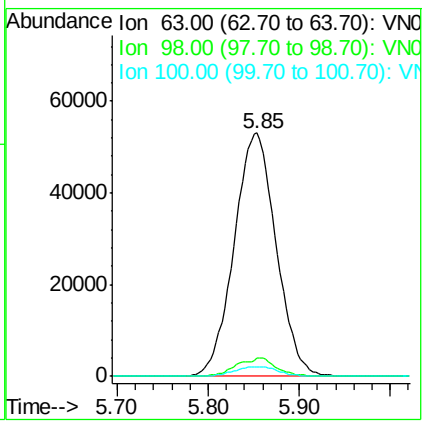


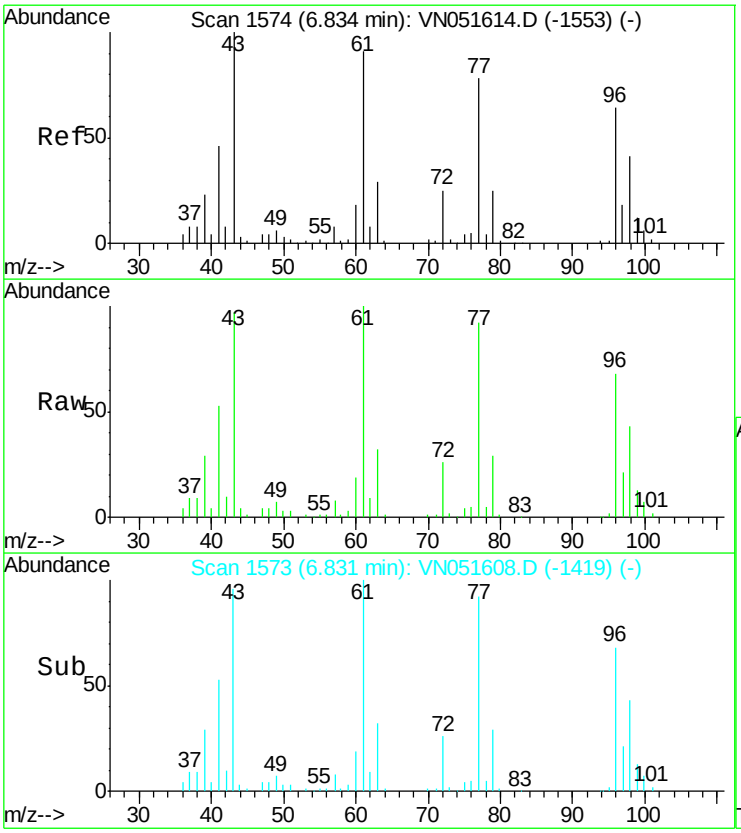

#21
1,1-Dichloroethane
Concen: 13.735 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 63 Resp: 170087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.5 | 3.3 | 9.9 |
| 100 | 4.1 | 2.0 | 5.8 |

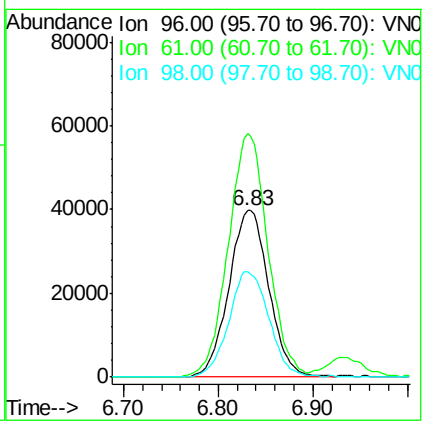


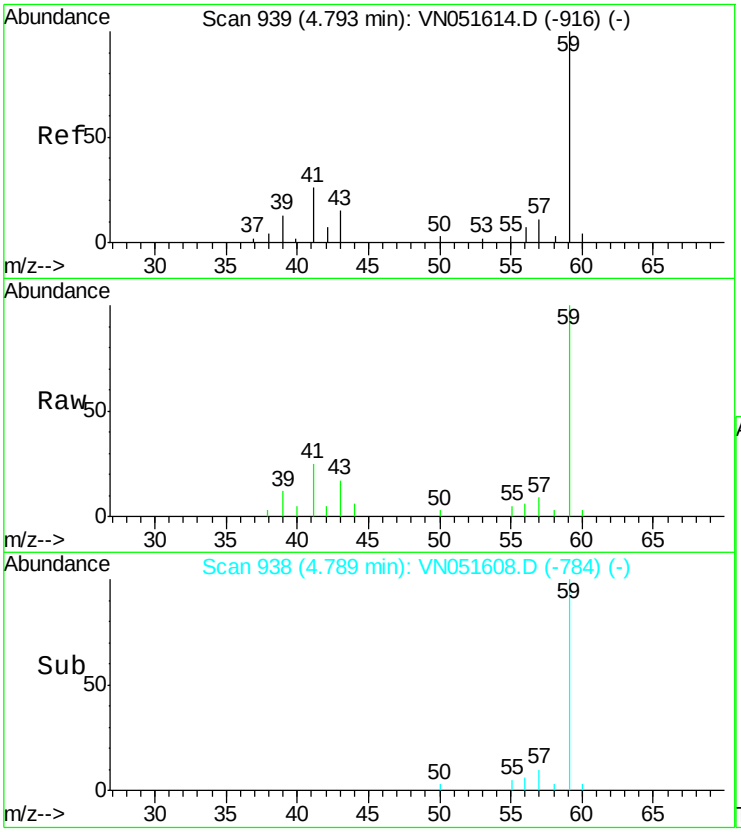




#22
cis-1,2-Dichloroethene
Concen: 17.108 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 96 Resp: 116778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 144.8 | 120.4 | 180.6 |
| 98 | 63.7 | 51.4 | 77.0 |



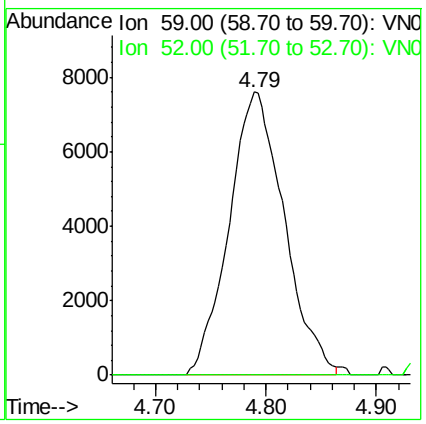


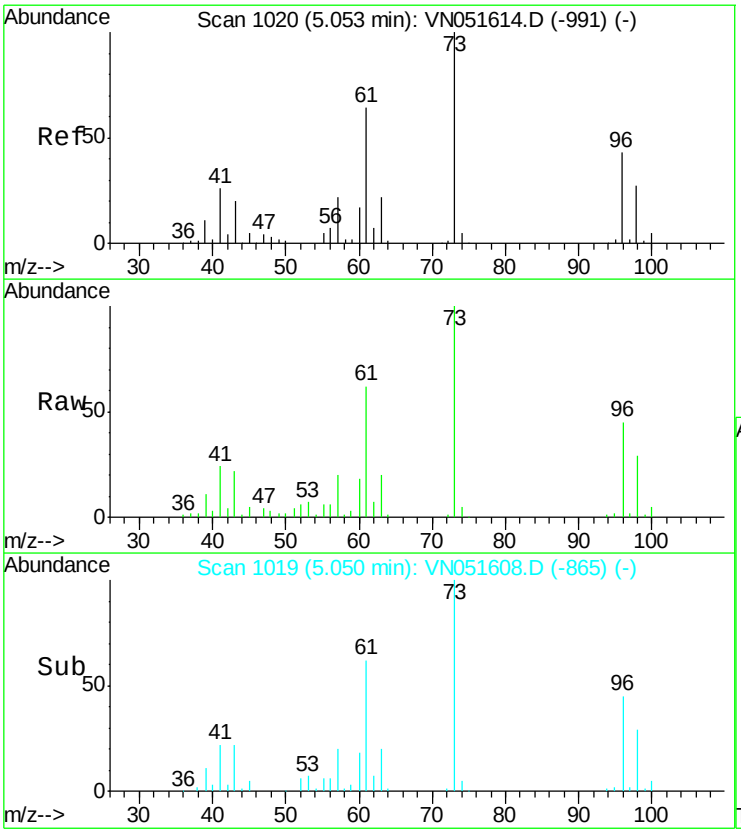

#23
tert-Butyl Alcohol
Concen: 66.503 ug/l
RT: 4.79 min Scan# 938
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 59 Resp: 26373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 52 | 0.0 | 0.0 | 0.0 |

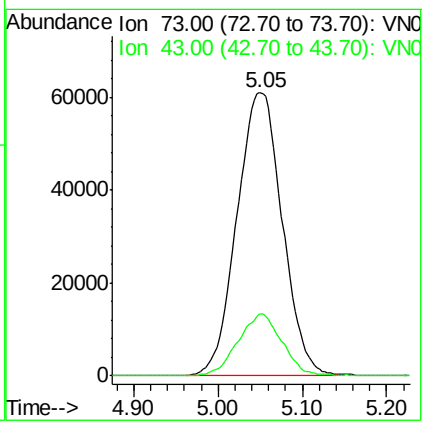


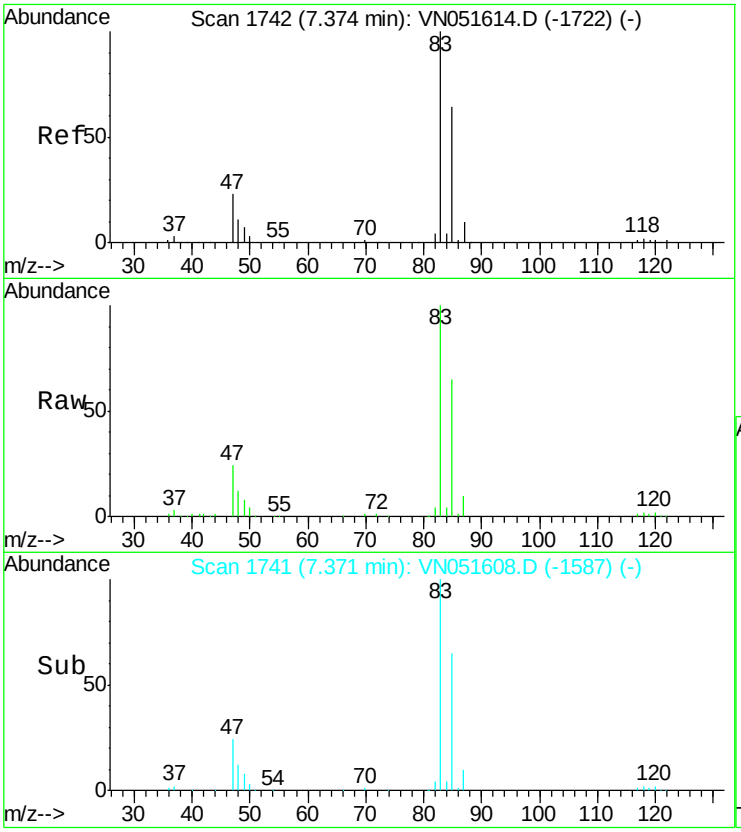




#24
Methyl tert-Butyl Ether
Concen: 14.747 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 73 Resp: 228195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 21.1 | 16.1 | 24.1 |



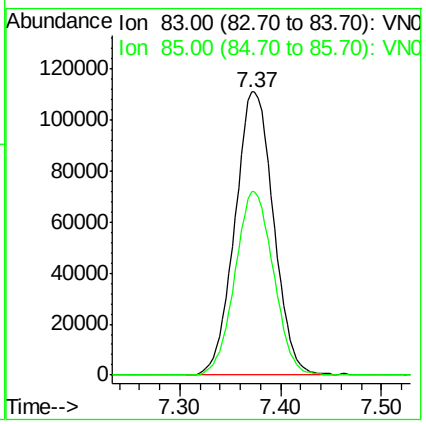


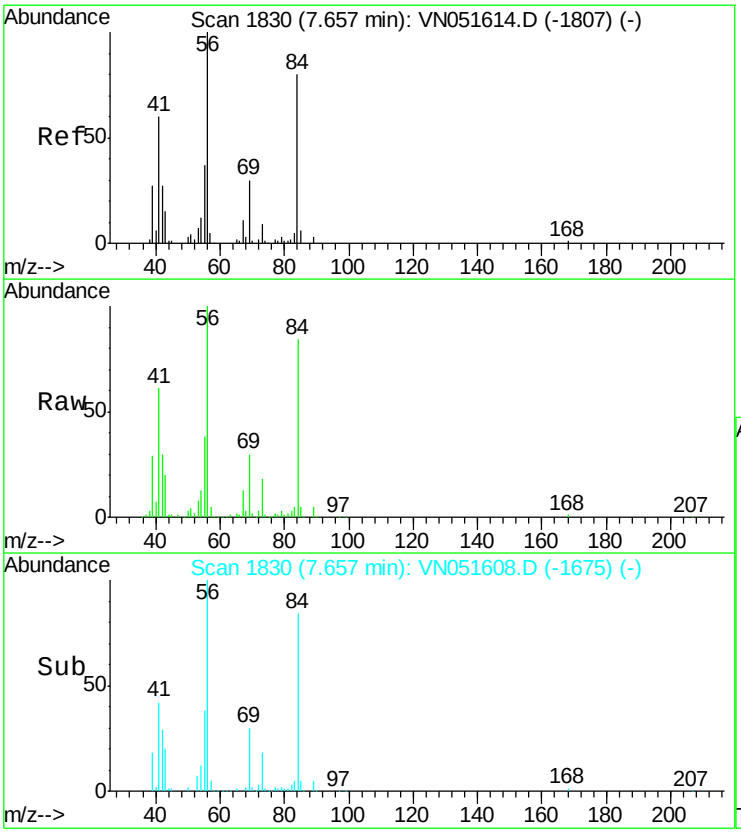

#25
Chloroform
Concen: 24.844 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 83 Resp: 294158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 51.4 | 77.0 |

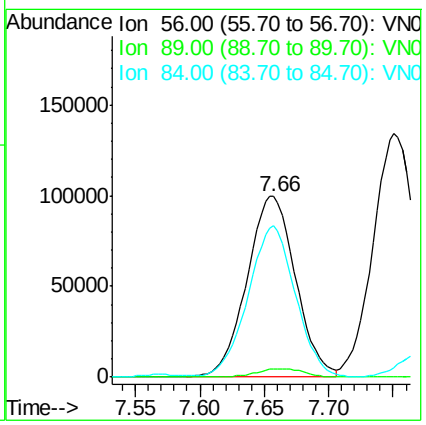


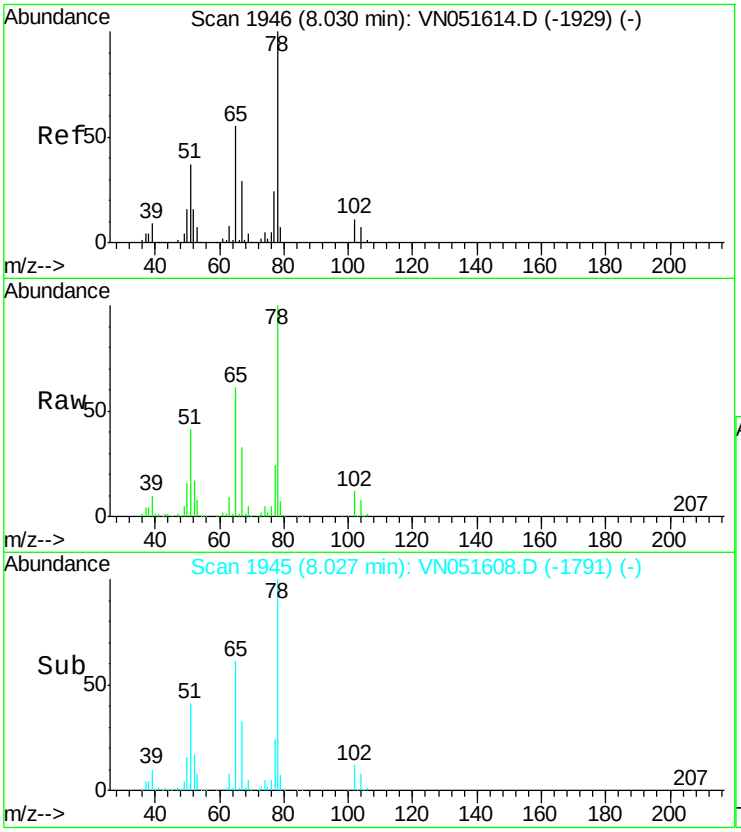




#26
Cyclohexane
Concen: 24.419 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 56 Resp: 261682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 89 | 4.5 | 2.2 | 3.2# |
| 84 | 80.5 | 65.0 | 97.4 |



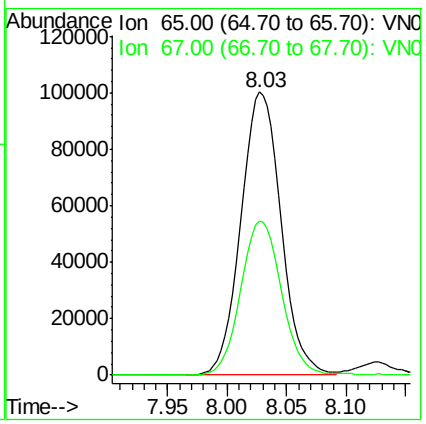


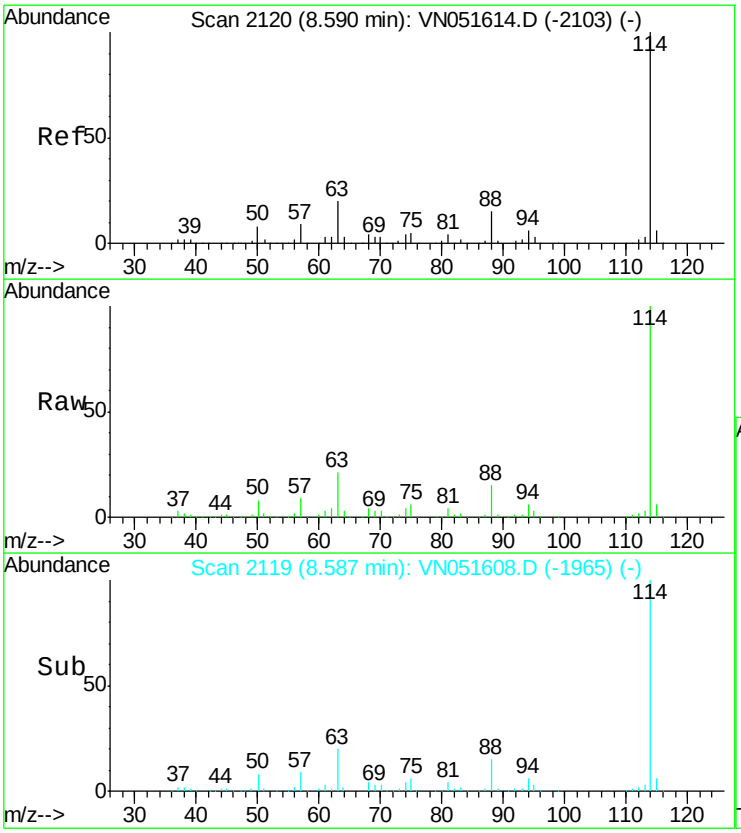

#27
1,2-Dichloroethane-d4
Concen: 24.419 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 65 Resp: 234428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.2 | 43.1 | 64.7 |

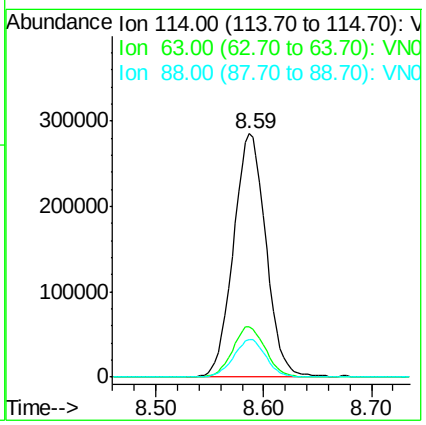


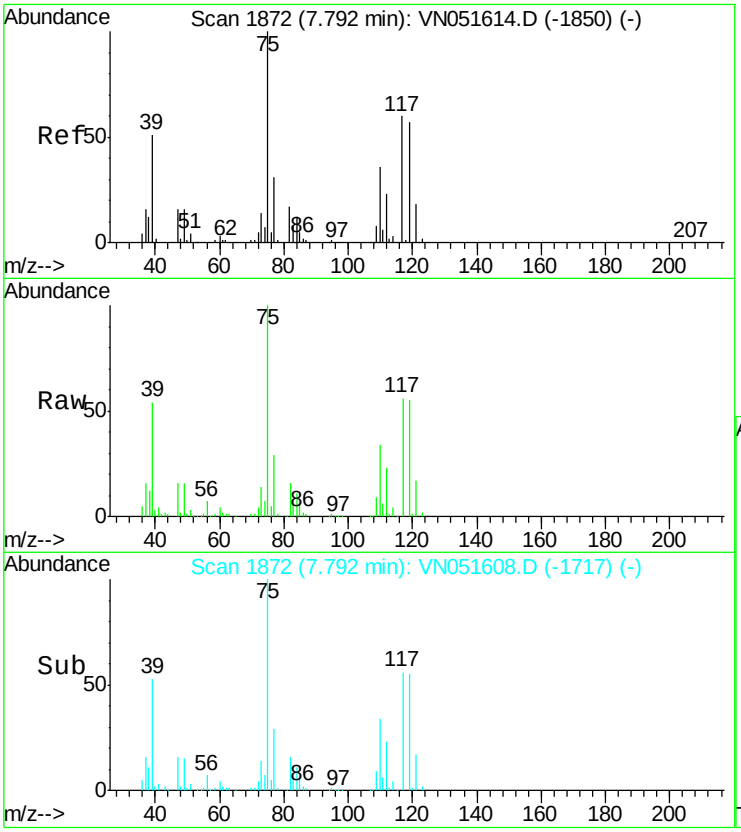




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:114 Resp: 598639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.9 | 16.4 | 24.6 |
| 88 | 15.3 | 12.6 | 18.8 |



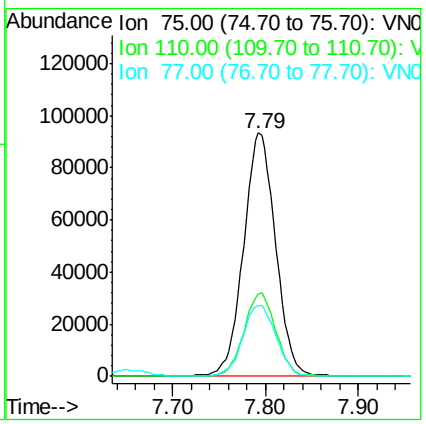


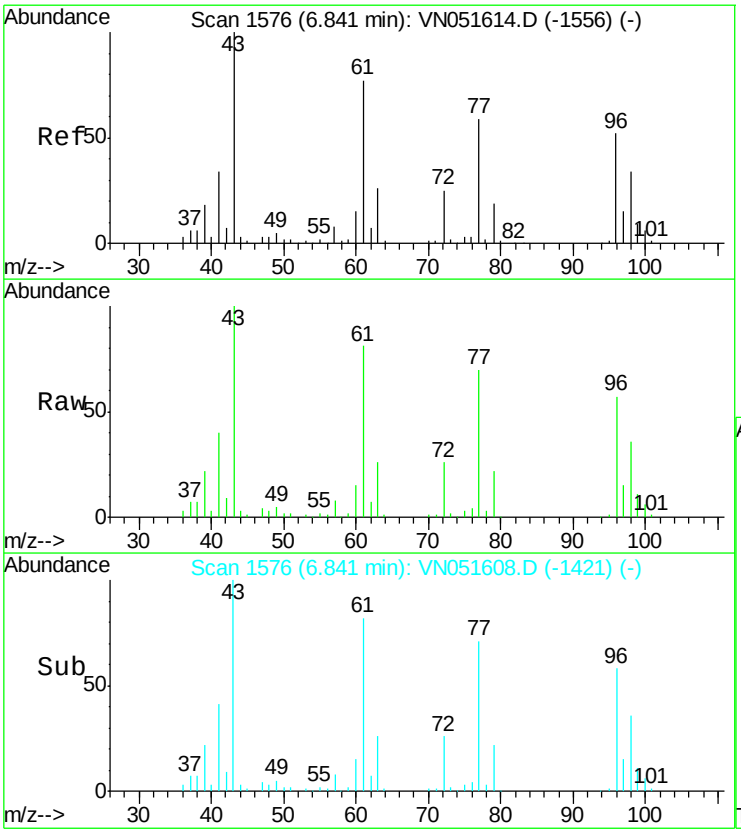

#29
1,1-Dichloropropene
Concen: 21.937 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 75 Resp: 223935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 33.9 | 0.0 | 71.0 |
| 77 | 30.2 | 0.0 | 62.4 |

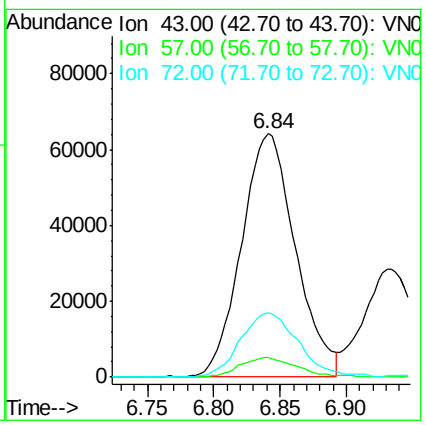


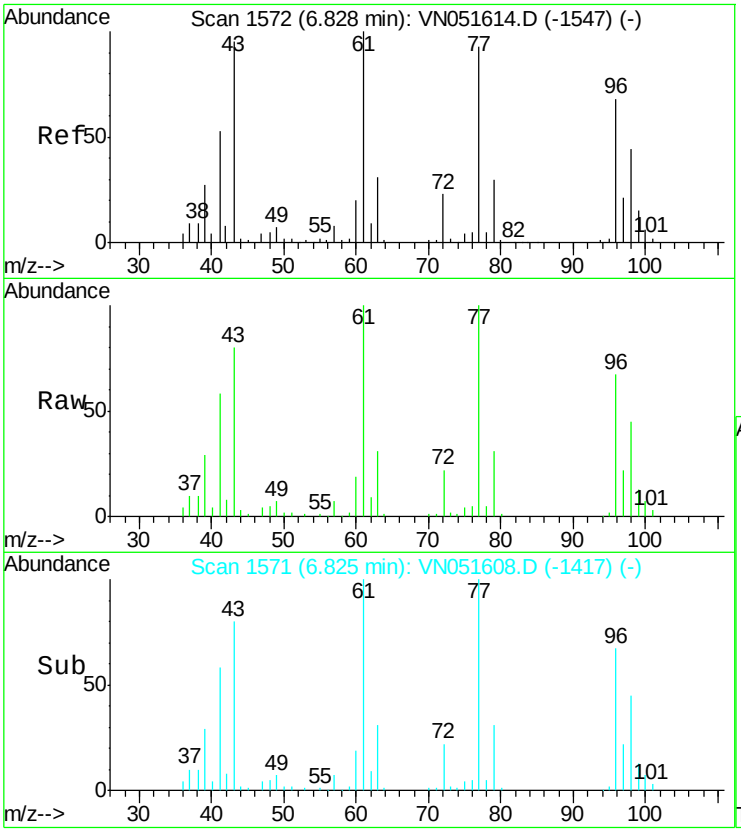




#30
2-Butanone
Concen: 65.437 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 43 Resp: 181802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 8.4 | 6.6 | 10.0 |
| 72 | 28.3 | 20.8 | 31.2 |



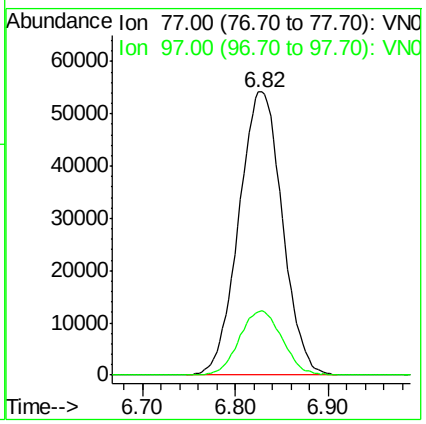


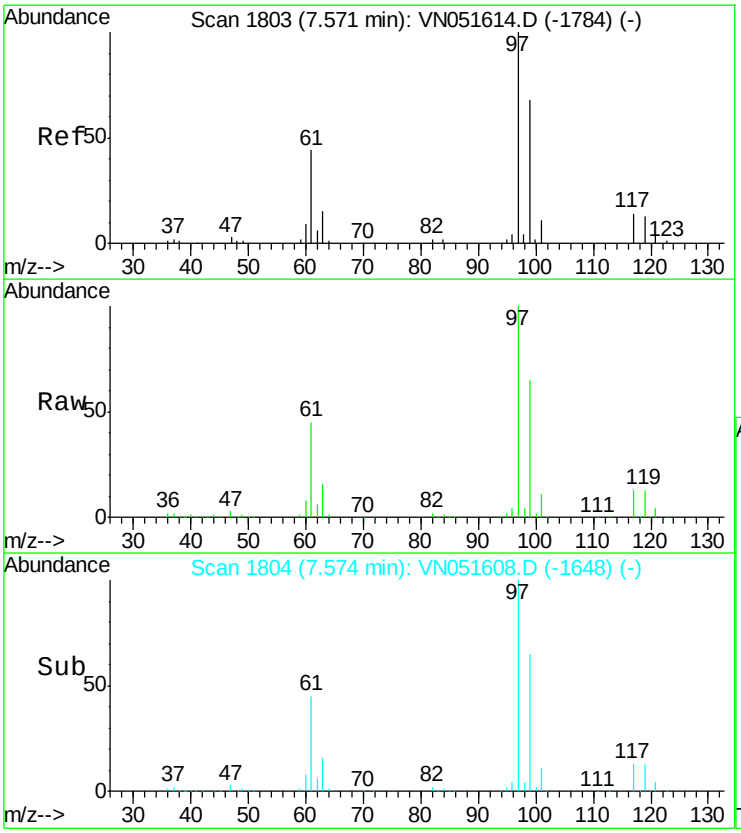

#31
2,2-Dichloropropane
Concen: 16.031 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 77 Resp: 176617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.4 | 18.6 | 28.0 |

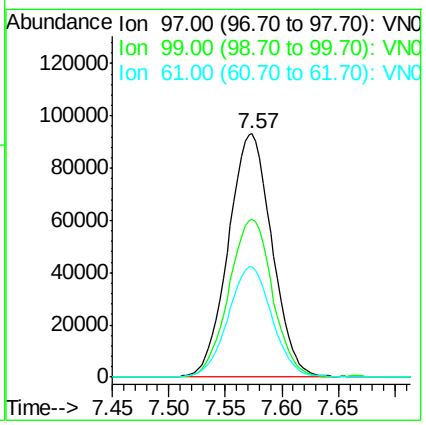


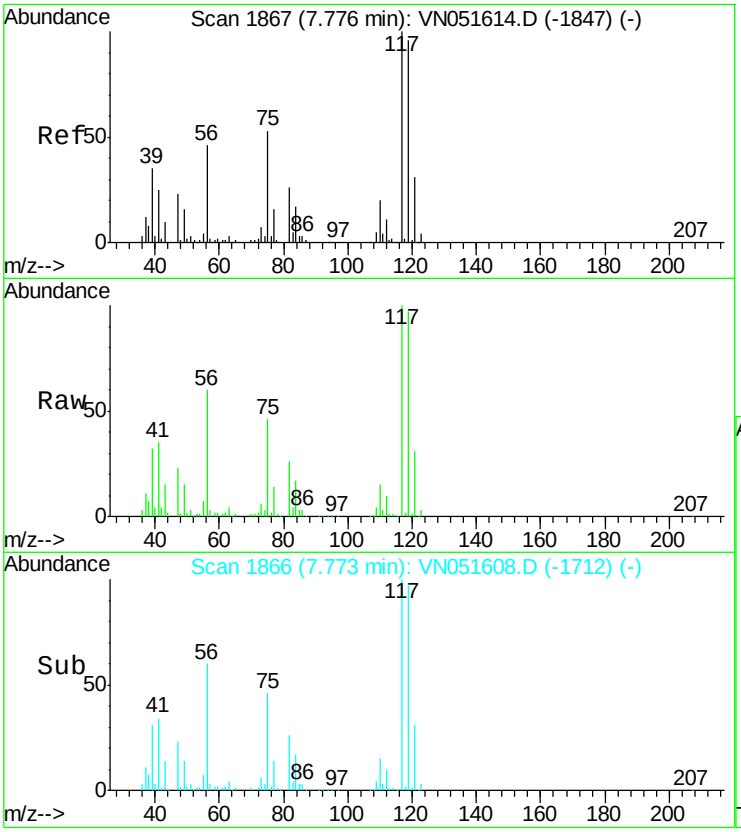




#32
1,1,1-Trichloroethane
Concen: 21.651 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 97 Resp: 248324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.3 | 52.2 | 78.4 |
| 61 | 45.8 | 36.2 | 54.4 |



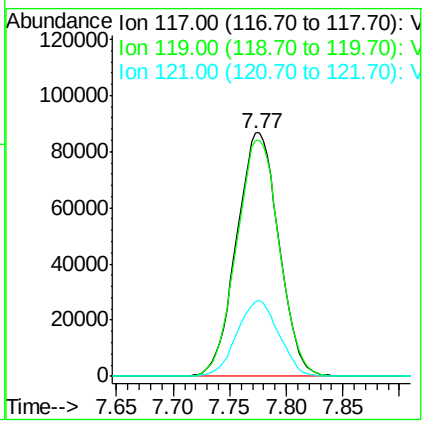


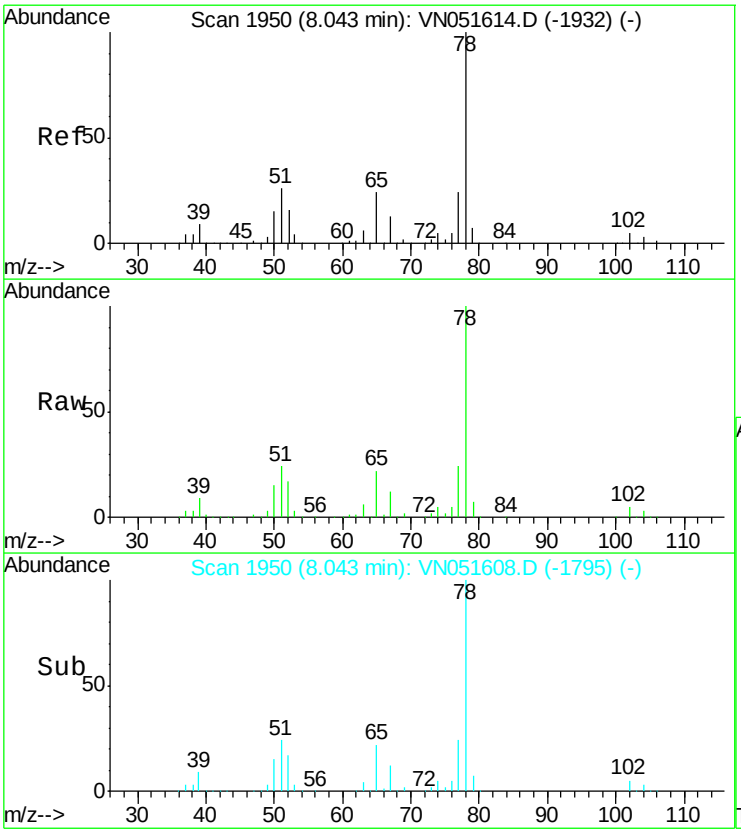

#33
Carbon Tetrachloride
Concen: 21.857 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:117 Resp: 225312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.8 | 76.5 | 114.7 |
| 121 | 30.5 | 25.0 | 37.6 |

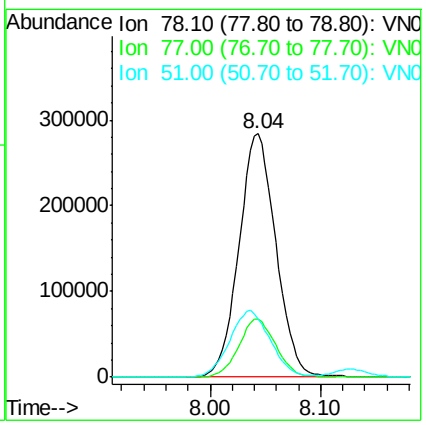


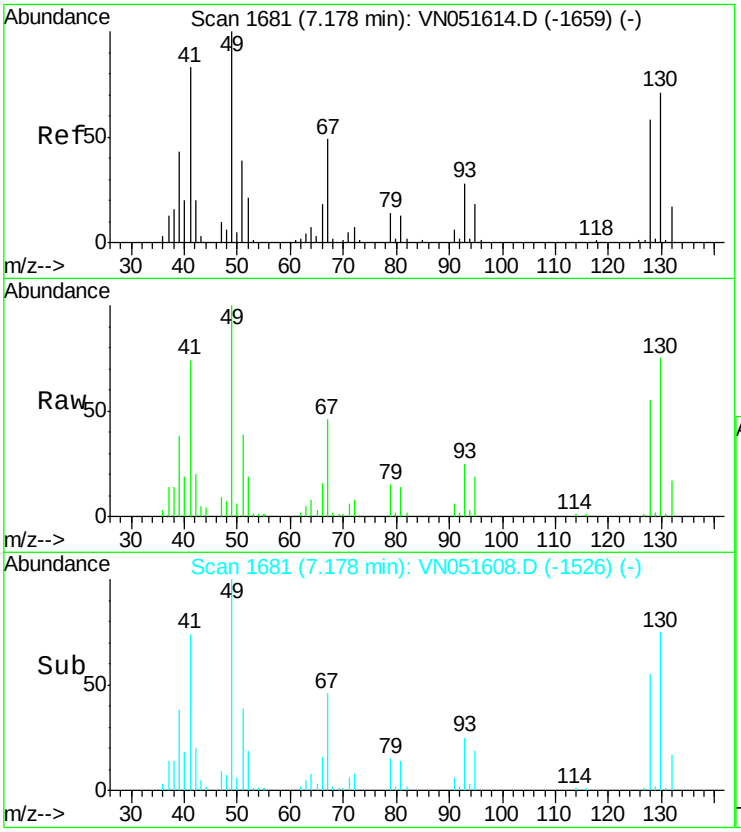




#34
Benzene
Concen: 21.715 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 78 Resp: 657646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 19.3 | 28.9 |
| 51 | 23.8 | 20.8 | 31.2 |



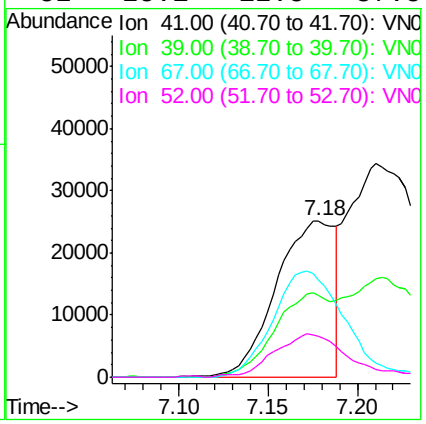


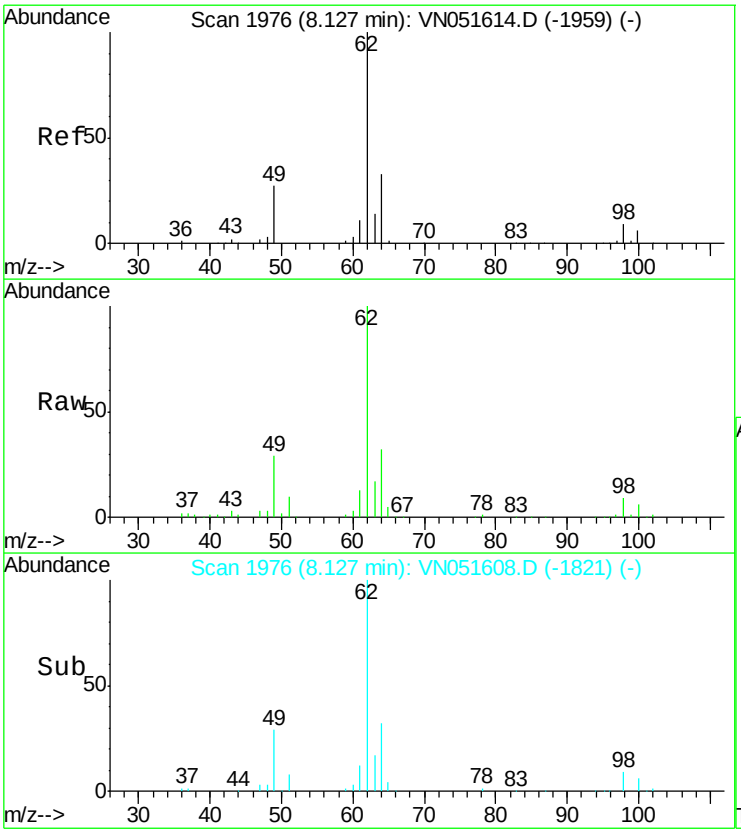

#35
Methacrylonitrile
Concen: 17.917 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 41 Resp: 57701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 51.3 | 25.6 | 76.8 |
| 67 | 62.4 | 29.4 | 88.2 |
| 52 | 25.1 | 12.5 | 37.5 |

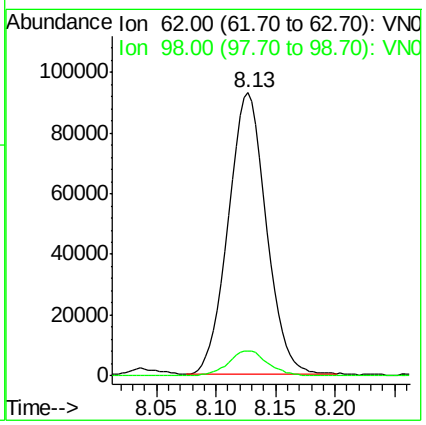


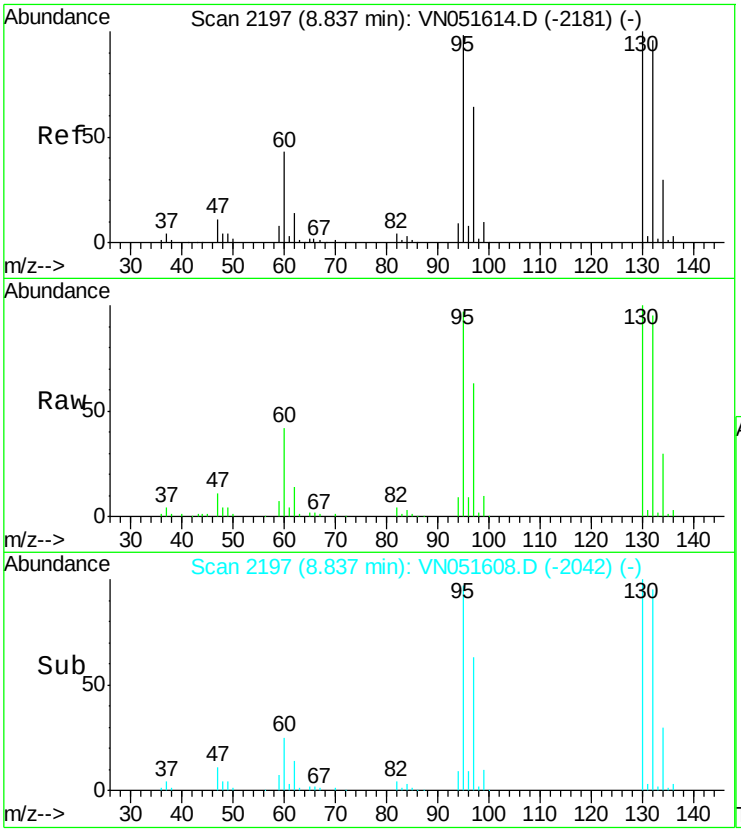




#36
1,2-Dichloroethane
Concen: 21.186 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 62 Resp: 204523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.3 | 7.4 | 11.2 |



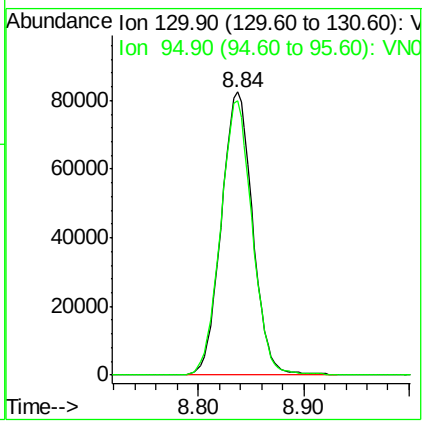


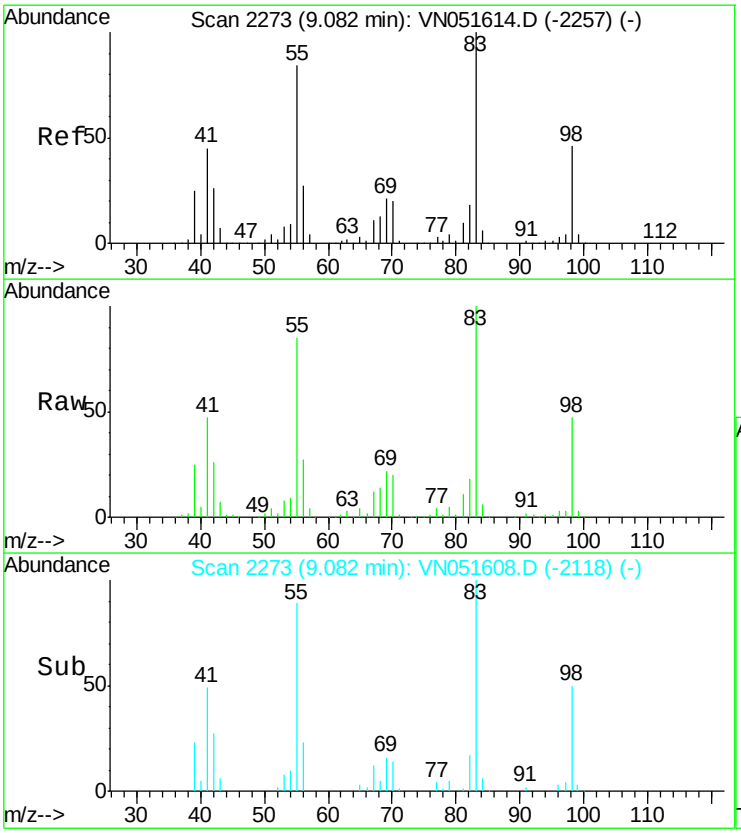

#37
Trichloroethene
Concen: 21.817 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:130 Resp: 169640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 96.7 | 78.4 | 117.6 |

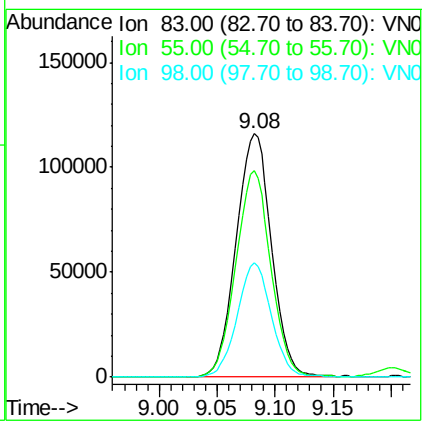


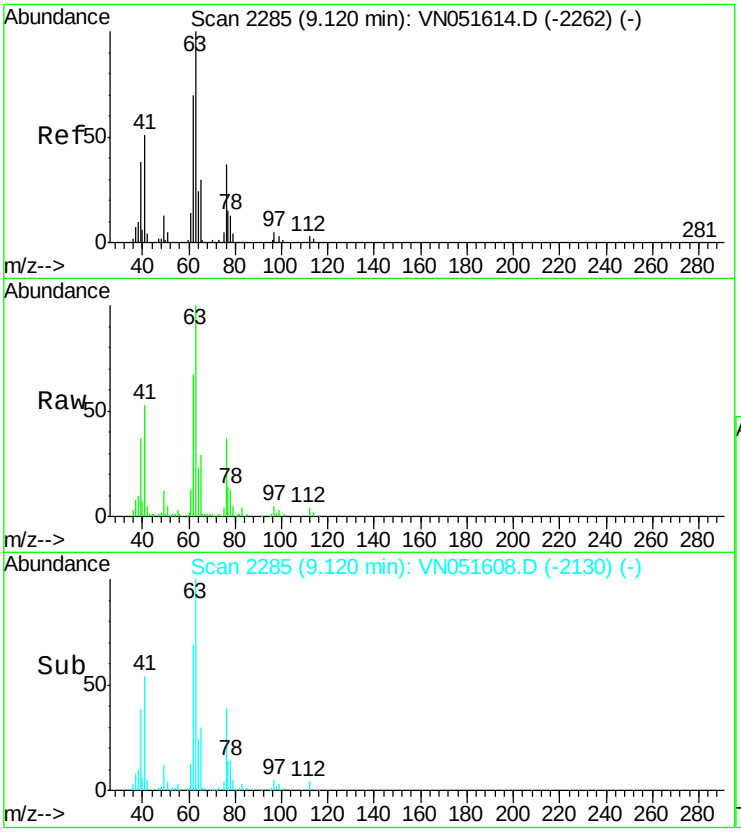




#38
Methylcyclohexane
Concen: 20.966 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 83 Resp: 246955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 83.7 | 41.6 | 124.9 |
| 98 | 45.2 | 23.1 | 69.2 |



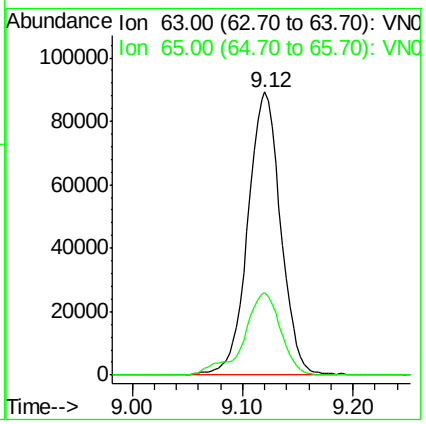


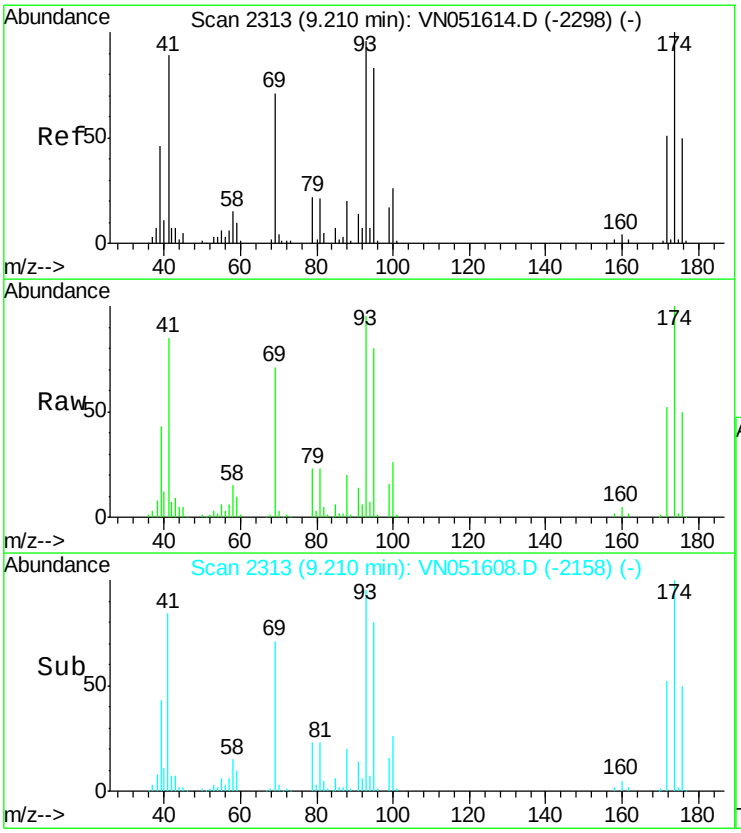

#39
1,2-Dichloropropane
Concen: 22.167 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC020

Tgt Ion: 63 Resp: 183956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 28.8 | 24.4 | 36.6 |

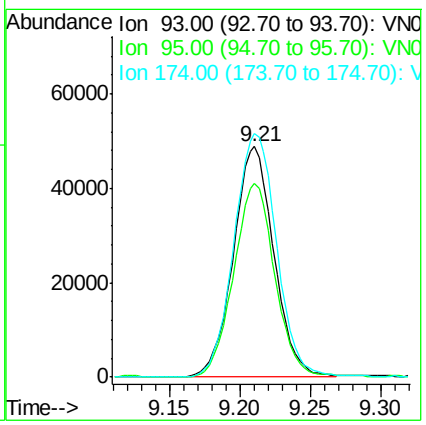


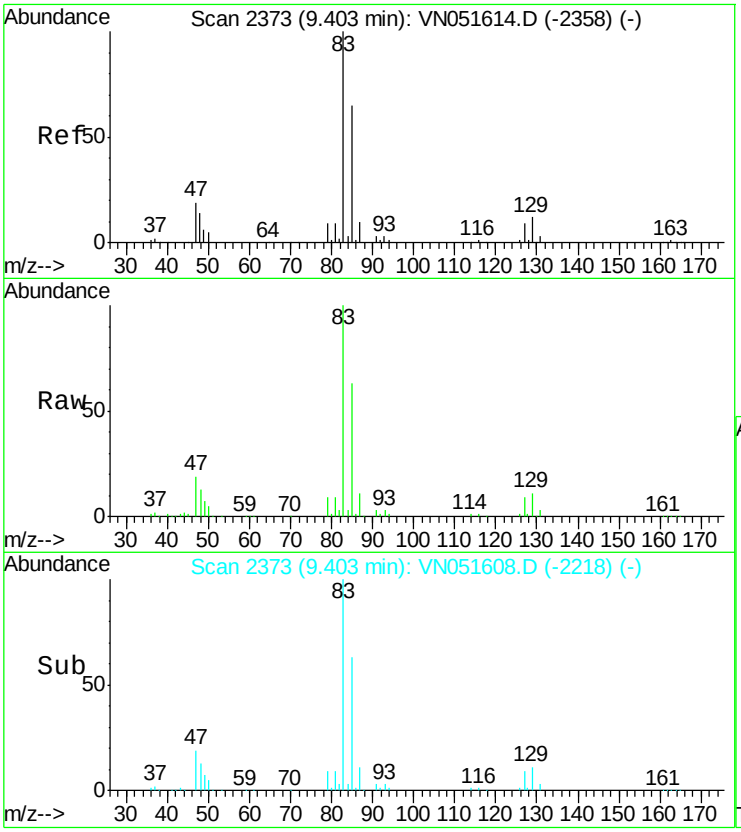




#40
Dibromomethane
Concen: 21.413 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 93 Resp: 98712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 85.2 | 0.0 | 171.0 |
| 174 | 110.5 | 0.0 | 212.0 |



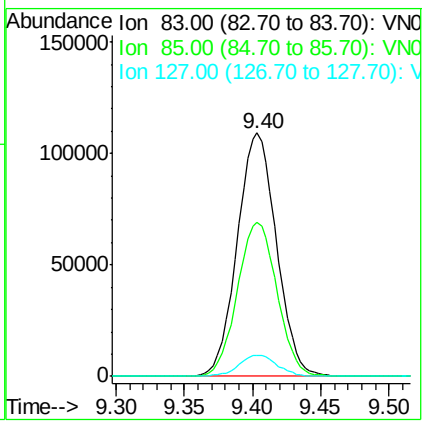


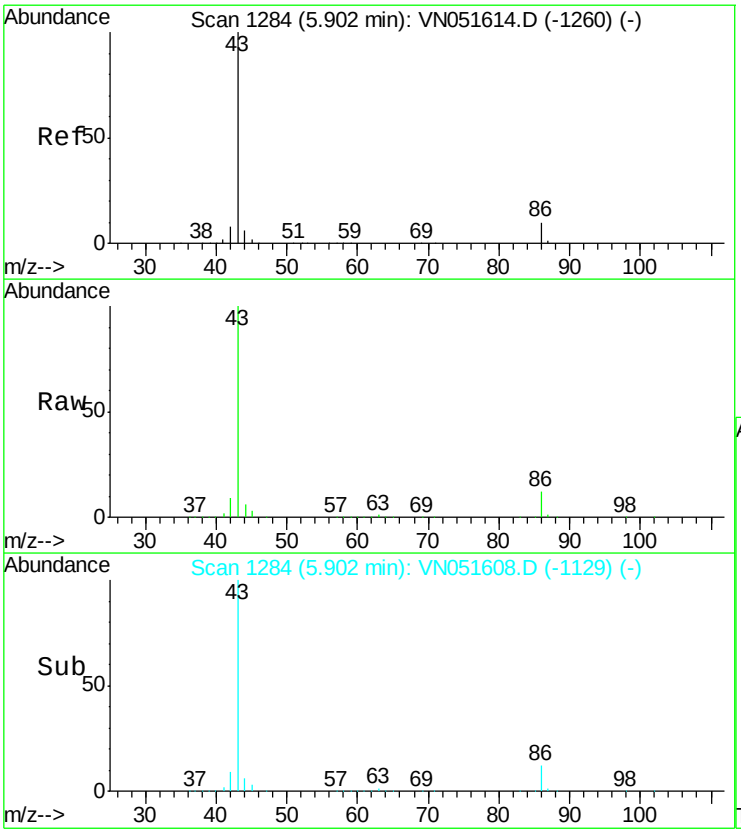

#41
Bromodichloromethane
Concen: 21.670 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 83 Resp: 218049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.1 | 52.1 | 78.1 |
| 127 | 8.8 | 7.1 | 10.7 |

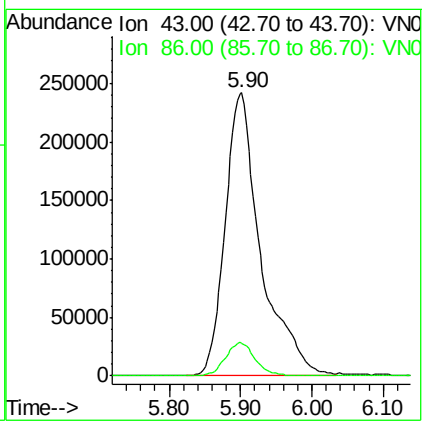


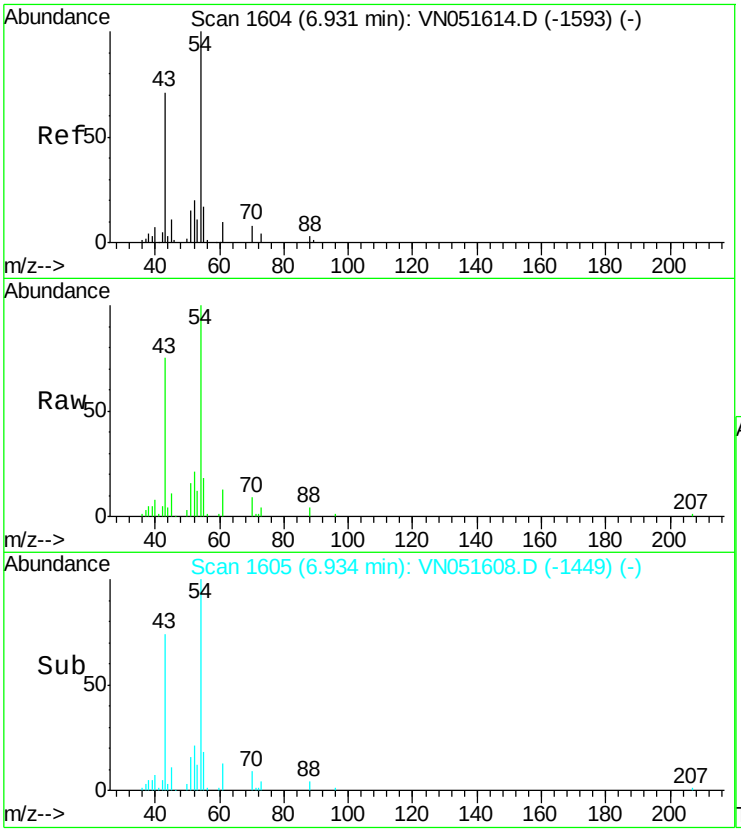




#42
Vinyl Acetate
Concen: 54.473 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 43 Resp: 842525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.9 | 6.6 | 9.8# |



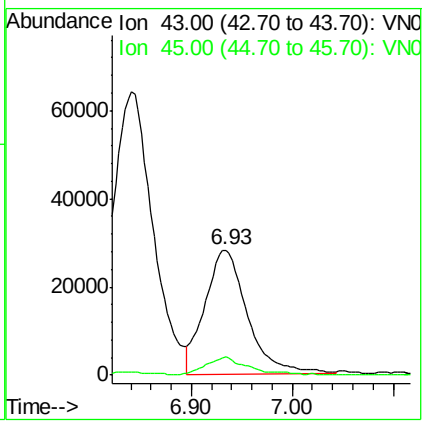


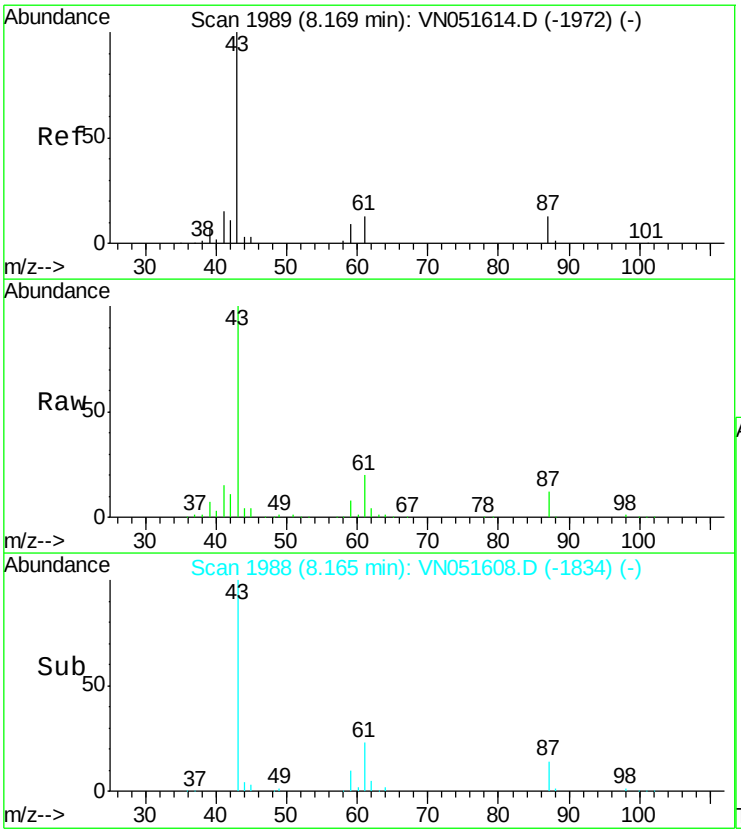

#43
Ethyl Acetate
Concen: 13.978 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 43 Resp: 82200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 13.5 | 10.6 | 16.0 |

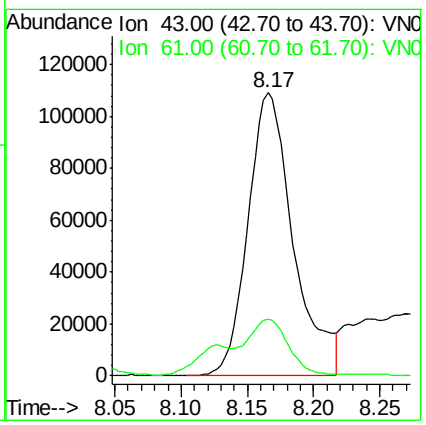


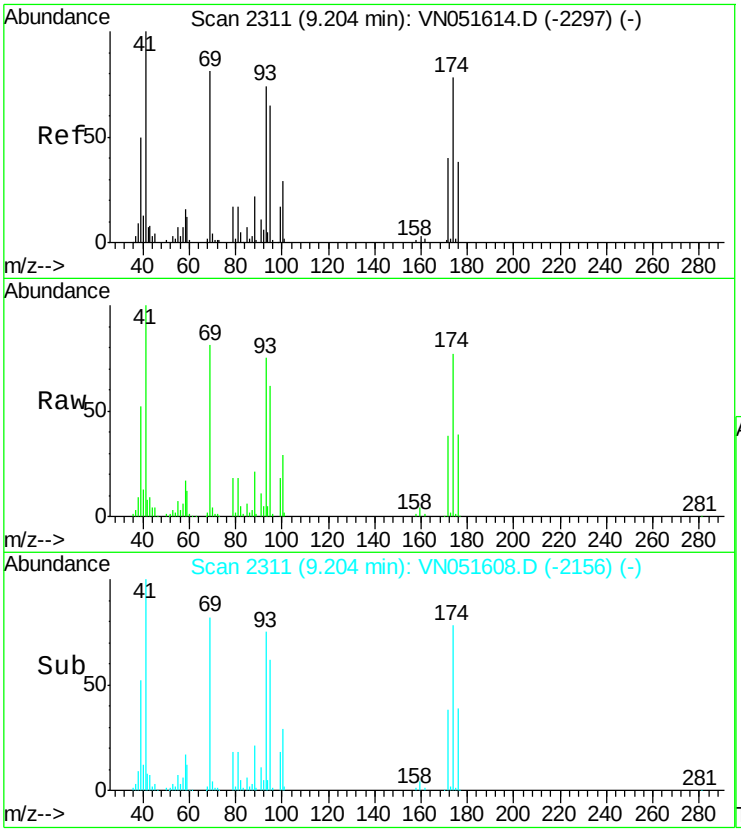




#44
Isopropyl Acetate
Concen: 22.490 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 43 Resp: 258960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 16.6 | 15.4 | 23.0 |



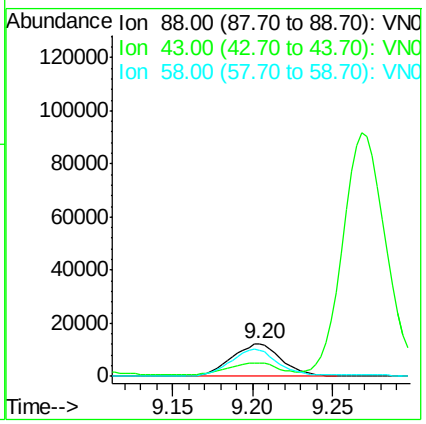


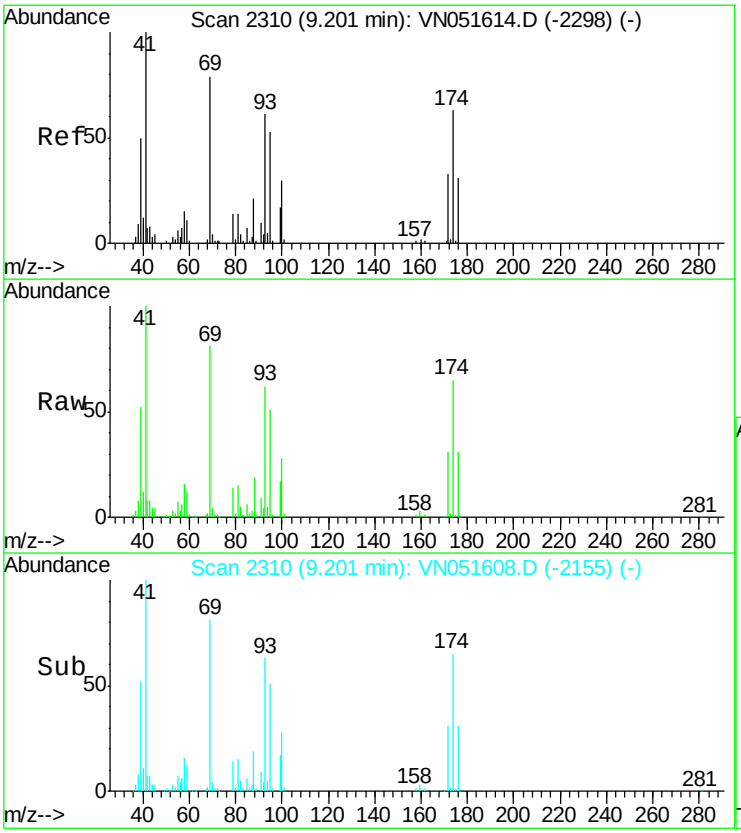

#45
1,4-Dioxane
Concen: 419.761 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 88 Resp: 26111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 36.7 | 29.0 | 43.6 |
| 58 | 79.3 | 59.0 | 88.6 |

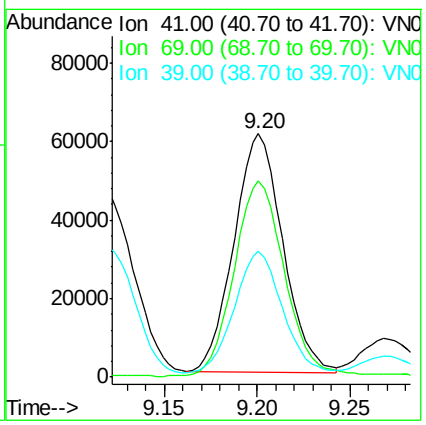


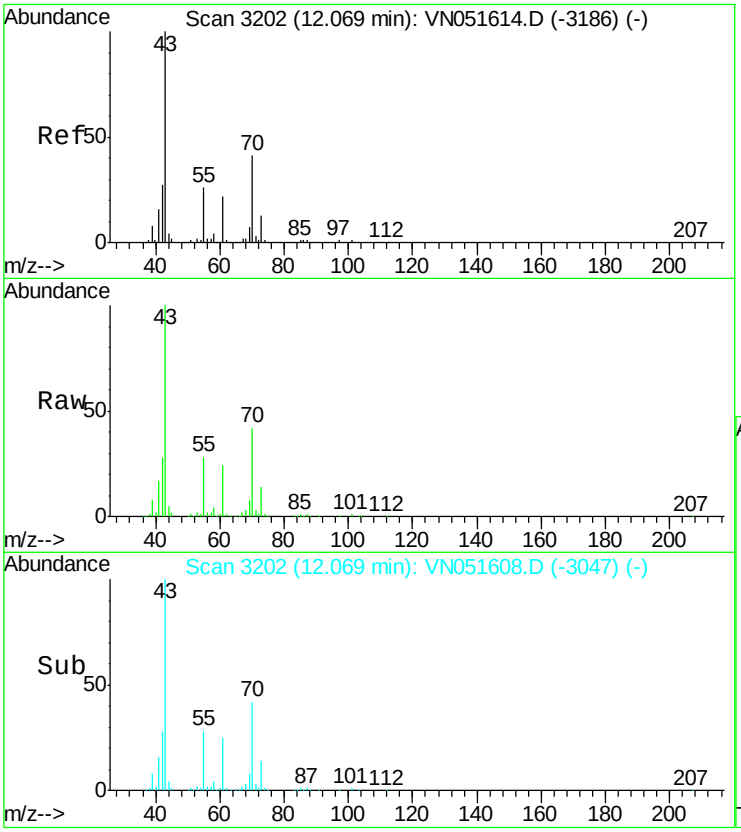




#46
Methyl methacrylate
Concen: 20.851 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 41 Resp: 111688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 82.0 | 39.6 | 118.7 |
| 39 | 50.9 | 24.9 | 74.6 |



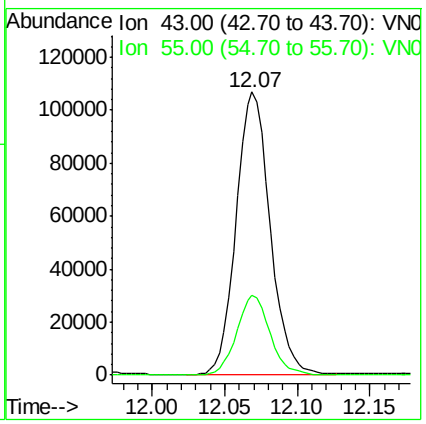


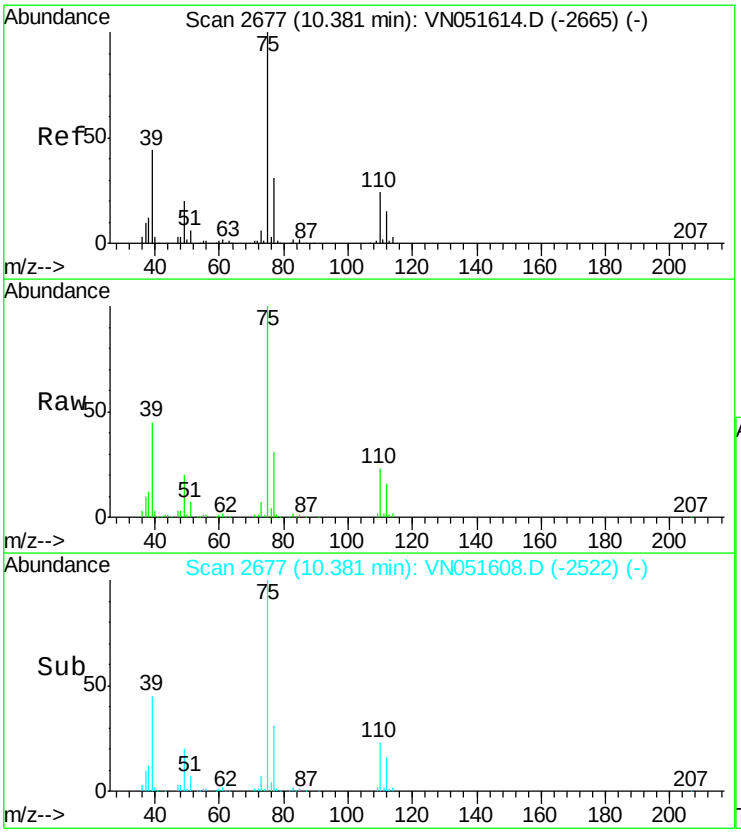

#47
n-amyl Acetate
Concen: 20.150 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 43 Resp: 173596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 55 | 27.7 | 21.5 | 32.3 |

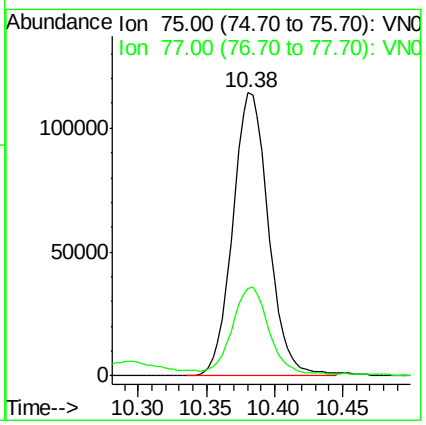


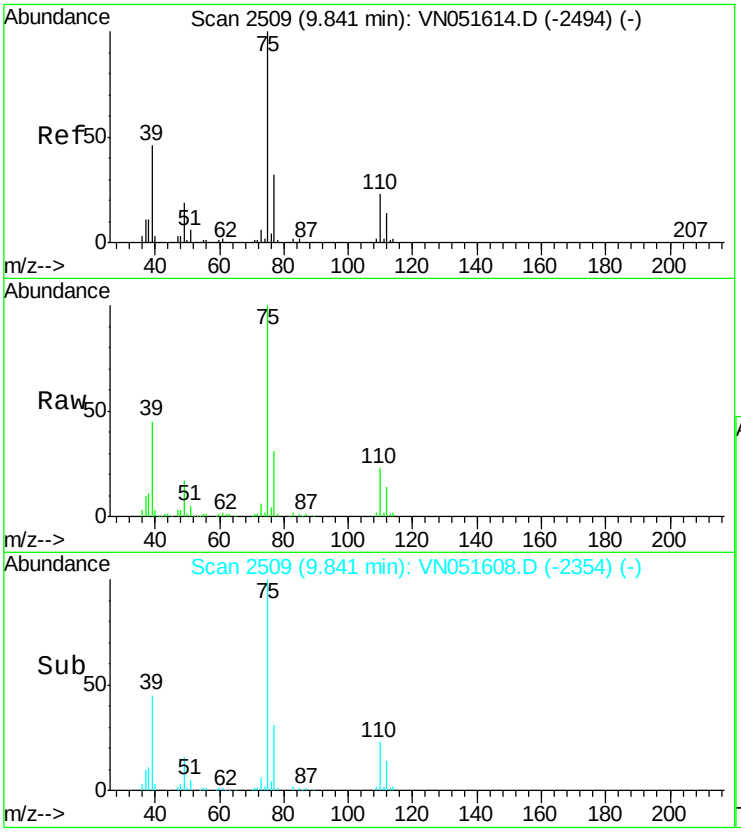




#48
t-1,3-Dichloropropene
Concen: 20.760 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 75 Resp: 208491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.3 | 26.0 | 39.0 |



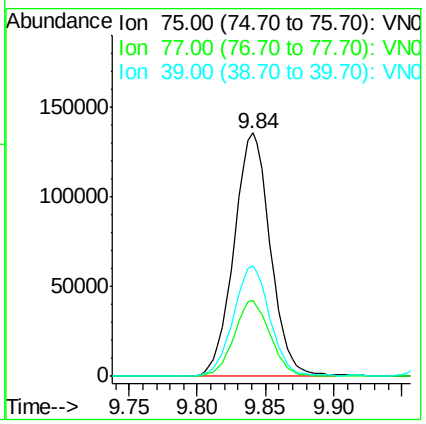


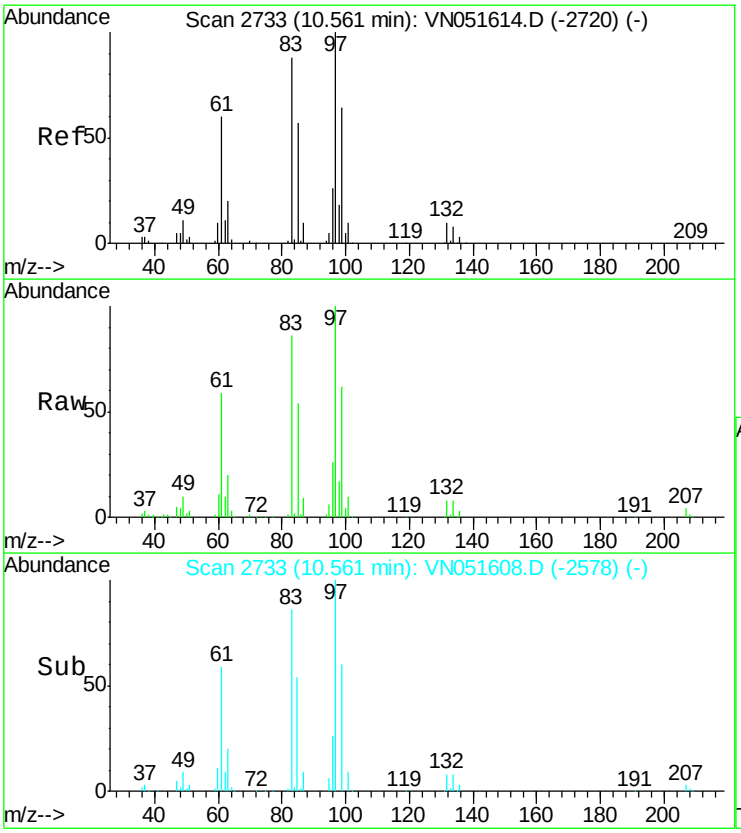

#49
cis-1,3-Dichloropropene
Concen: 21.459 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 75 Resp: 251967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 25.4 | 38.0 |
| 39 | 45.2 | 36.6 | 55.0 |

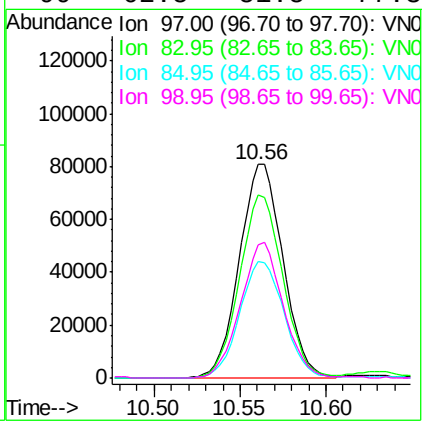


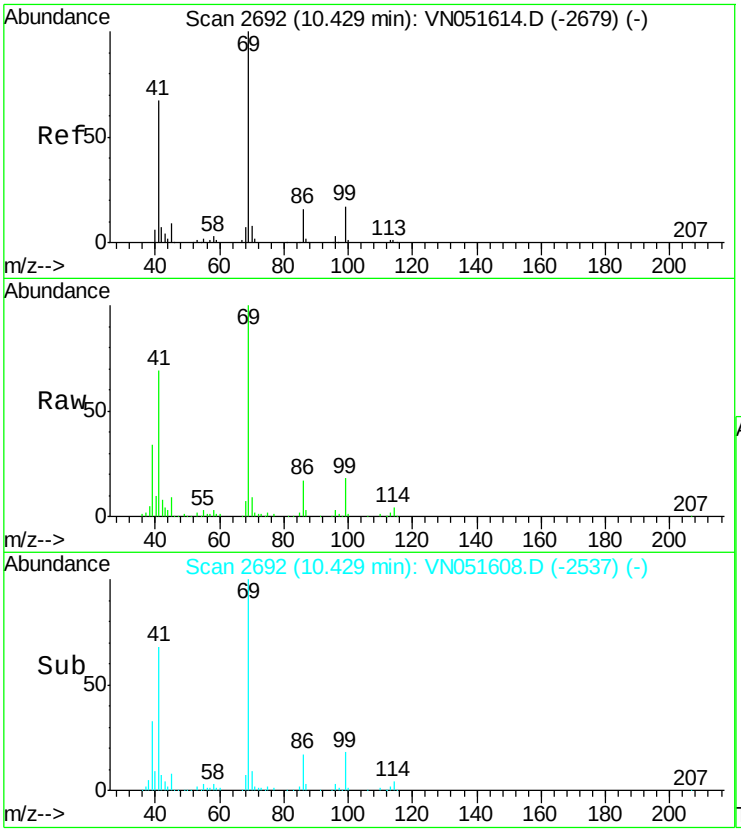




#50
1,1,2-Trichloroethane
Concen: 21.880 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 97 Resp: 142538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.5 | 70.2 | 105.2 |
| 85 | 54.3 | 45.6 | 68.4 |
| 99 | 62.5 | 51.5 | 77.3 |



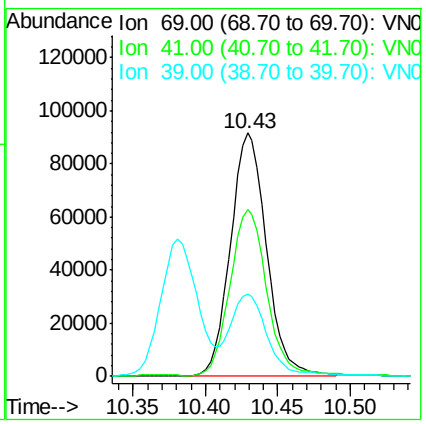


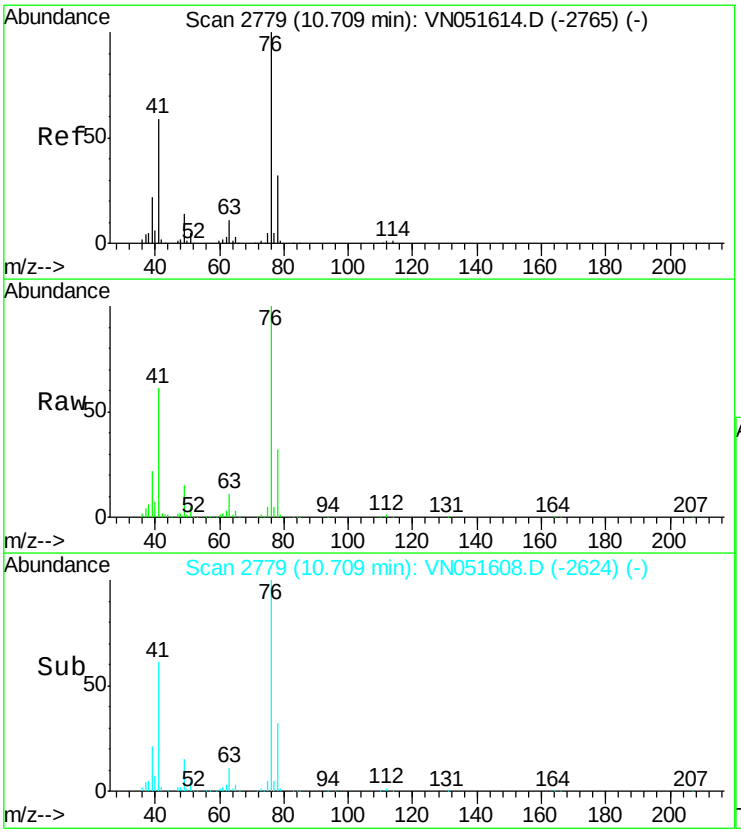

#51
Ethyl methacrylate
Concen: 20.070 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 69 Resp: 158635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 68.3 | 33.3 | 99.8 |
| 39 | 33.0 | 17.2 | 51.6 |

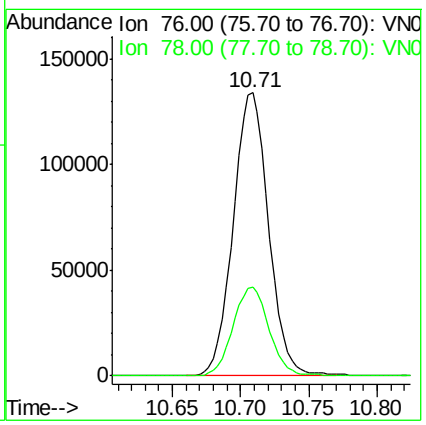


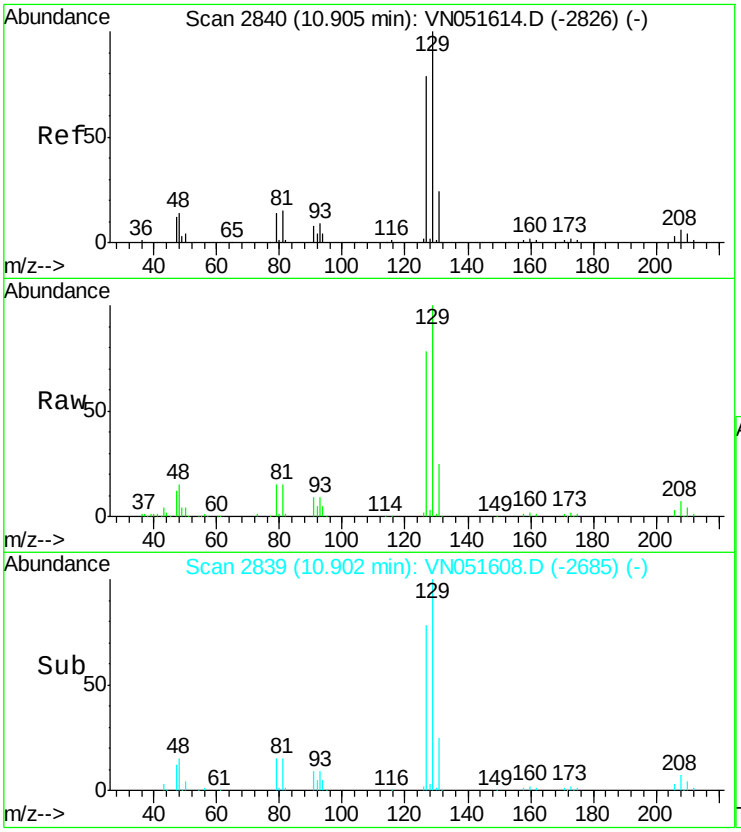




#52
1,3-Dichloropropane
Concen: 21.576 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 76 Resp: 241000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.0 | 0.0 | 63.4 |



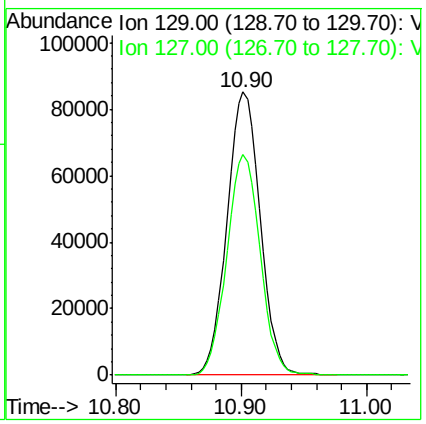


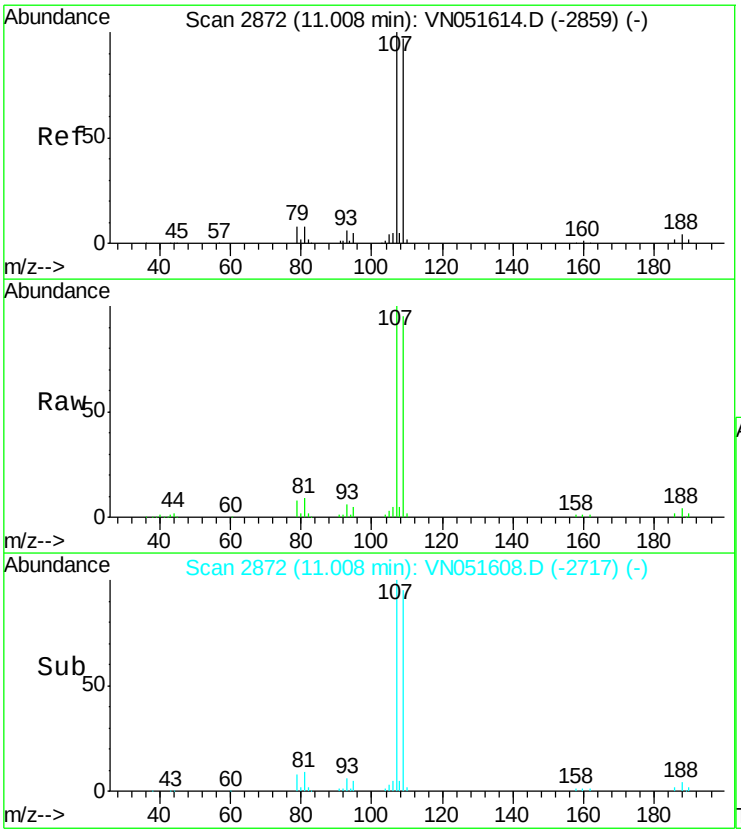

#53
Dibromochloromethane
Concen: 21.177 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC020

Tgt Ion:129 Resp: 157127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.2 | 38.9 | 116.7 |

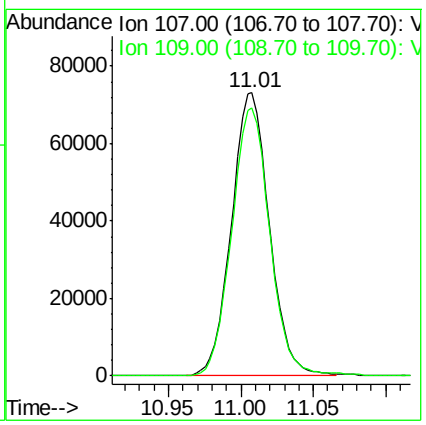


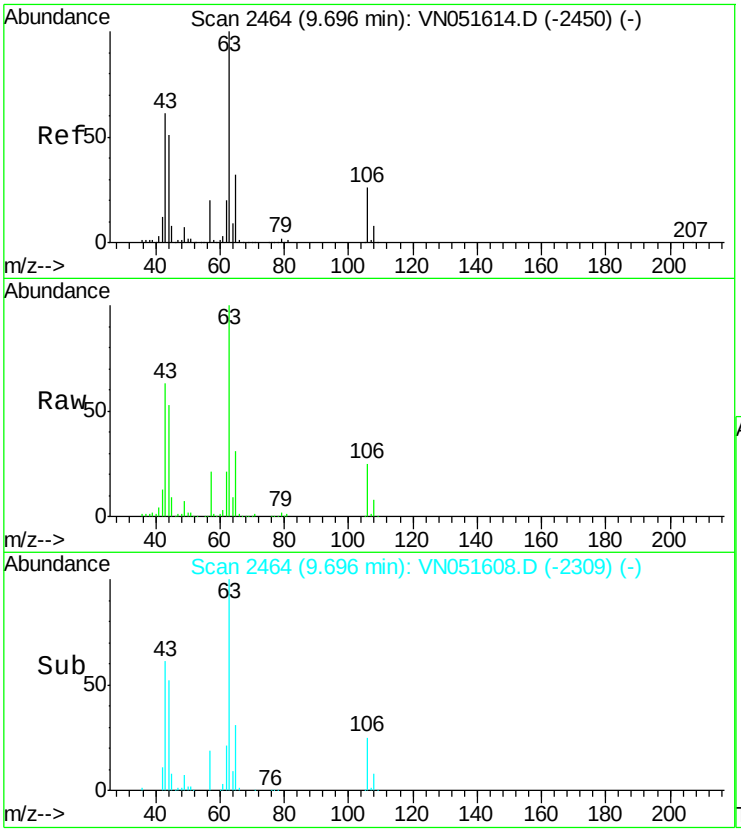




#54
1,2-Dibromoethane
Concen: 21.227 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:107 Resp: 132688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.9 | 76.5 | 114.7 |



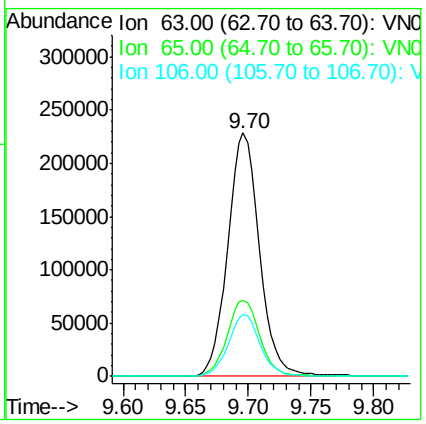


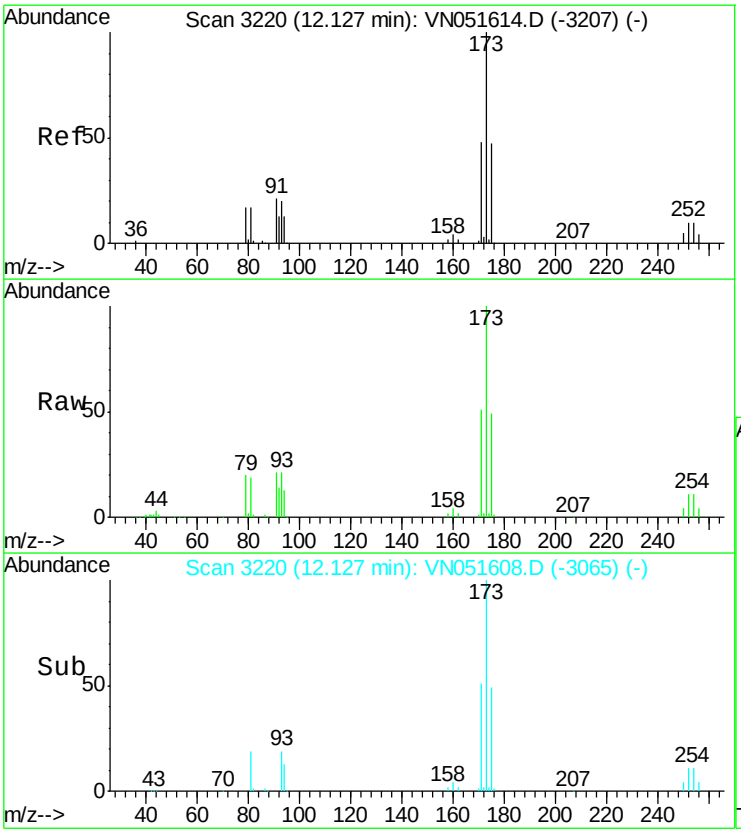

#55
2-Chloroethyl vinyl ether
Concen: 102.568 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 63 Resp: 400715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.3 | 25.8 | 38.6 |
| 106 | 25.5 | 20.4 | 30.6 |

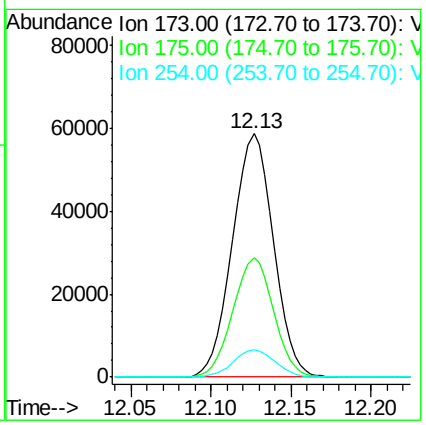


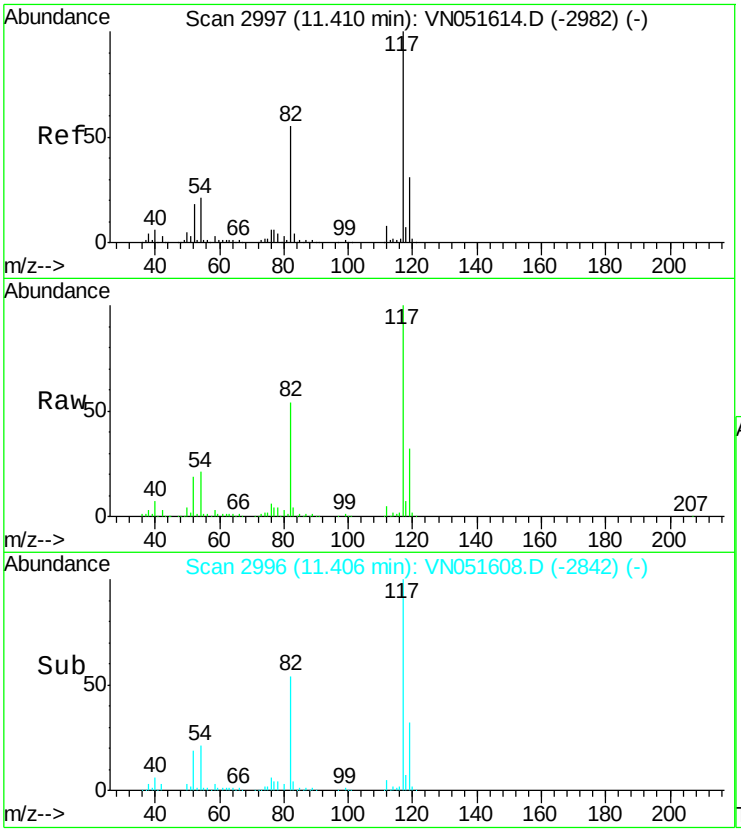




#56
Bromoform
Concen: 20.881 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:173 Resp: 102802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.3 | 39.0 | 58.4 |
| 254 | 11.5 | 8.7 | 13.1 |



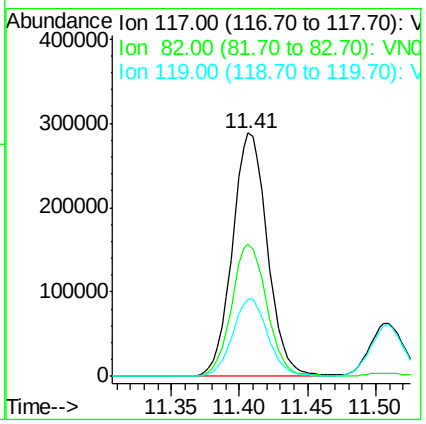


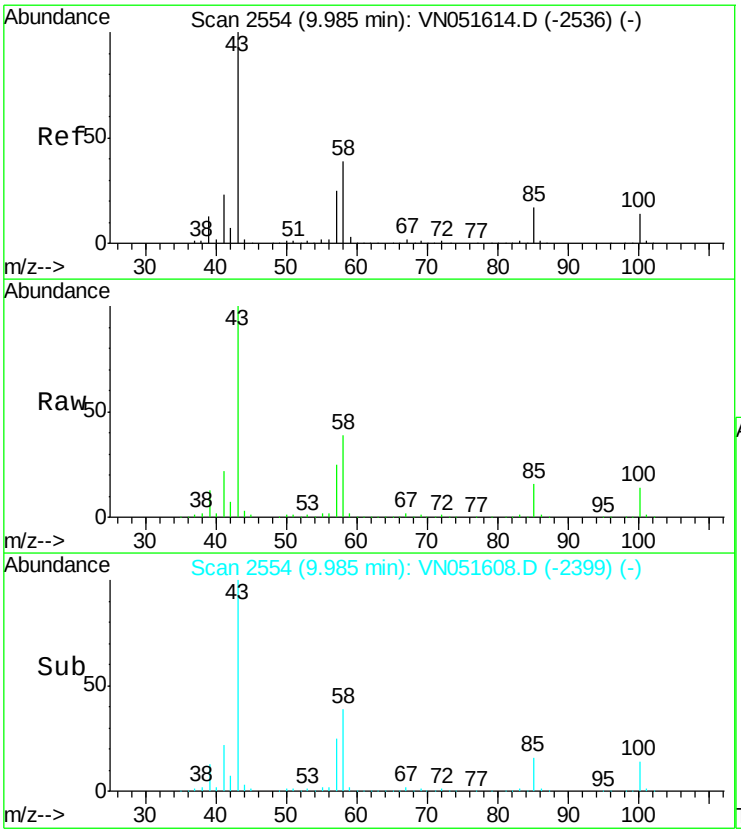

#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:117 Resp: 514322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.7 | 44.2 | 66.2 |
| 119 | 32.0 | 25.2 | 37.8 |

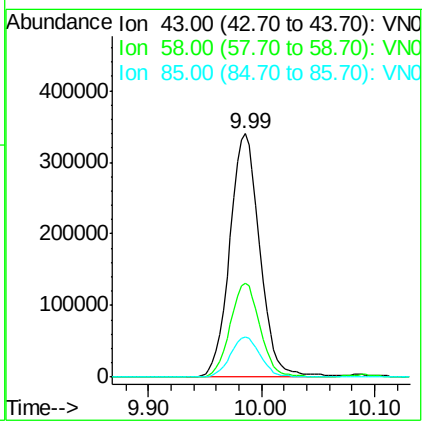


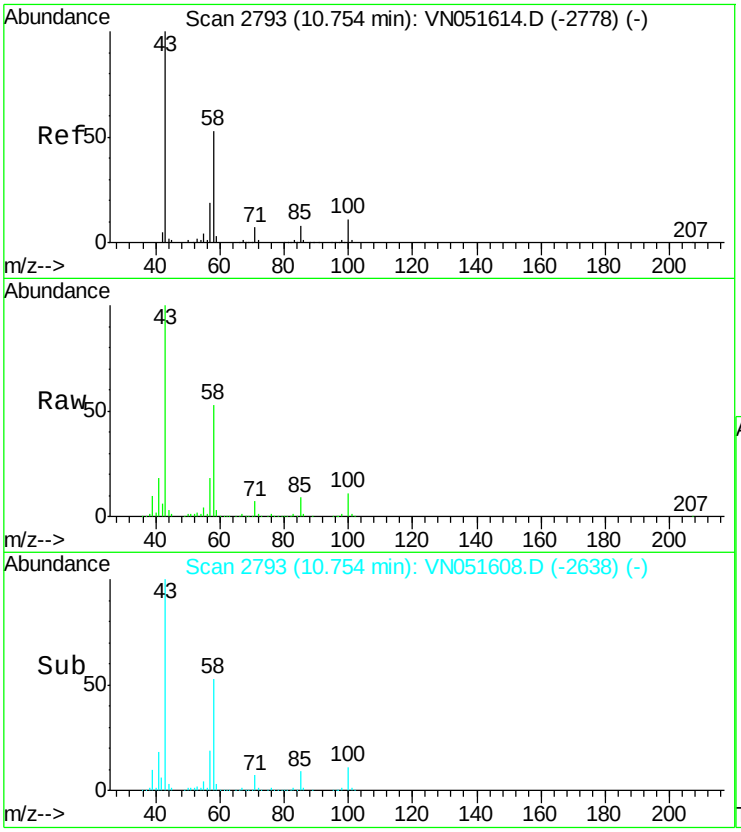




#58
4-Methyl-2-Pentanone
Concen: 107.311 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 43 Resp: 626634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.4 | 31.0 | 46.4 |
| 85 | 16.5 | 13.4 | 20.2 |



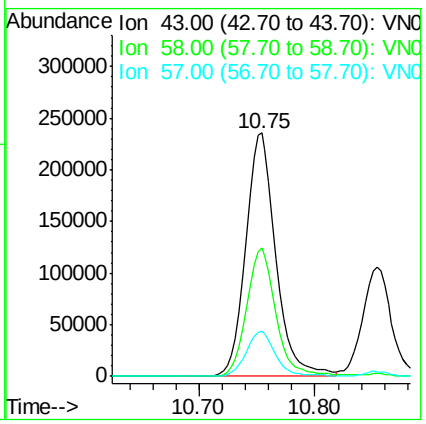


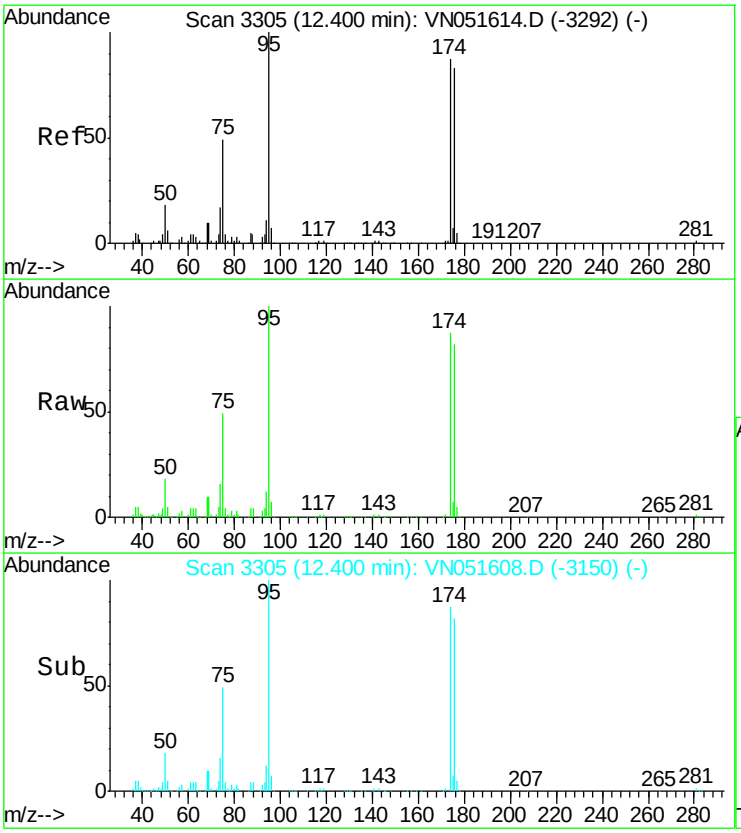

#59
2-Hexanone
Concen: 110.575 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 43 Resp: 424782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.5 | 41.5 | 62.3 |
| 57 | 18.2 | 14.2 | 21.4 |

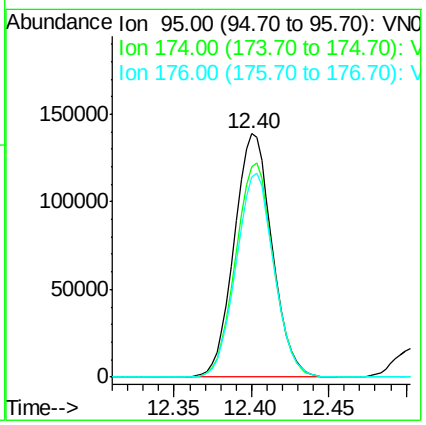


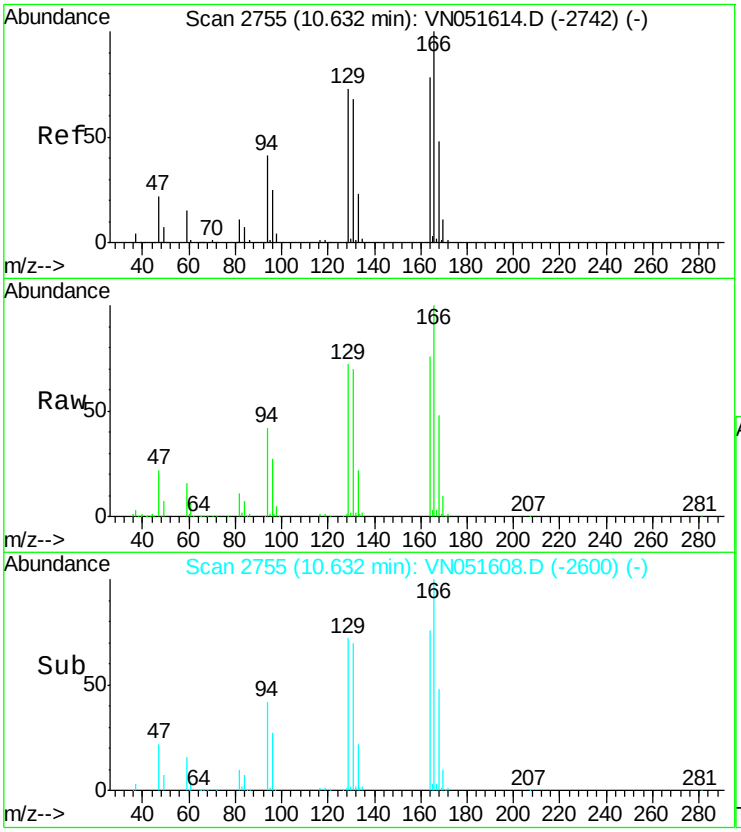




#60
4-Bromofluorobenzene
Concen: 110.575 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 95 Resp: 236484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 87.7 | 71.2 | 106.8 |
| 176 | 83.8 | 67.8 | 101.8 |



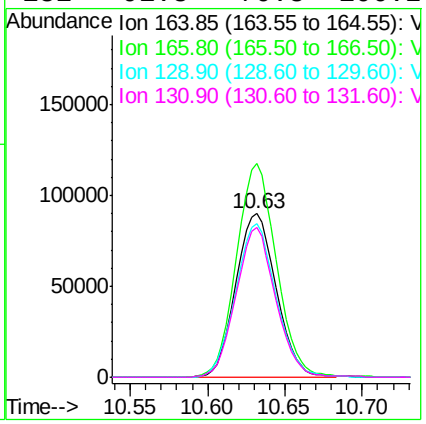


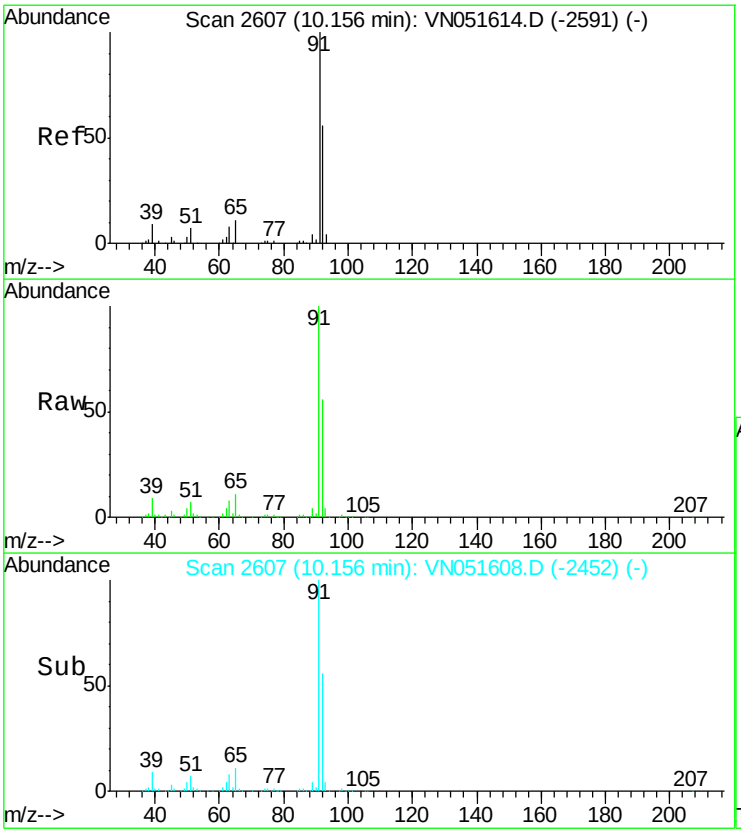

#61
Tetrachloroethene
Concen: 22.466 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC020

Tgt Ion:164 Resp: 163594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.8 | 103.1 | 154.7 |
| 129 | 93.9 | 75.3 | 112.9 |
| 131 | 91.8 | 70.8 | 106.2 |

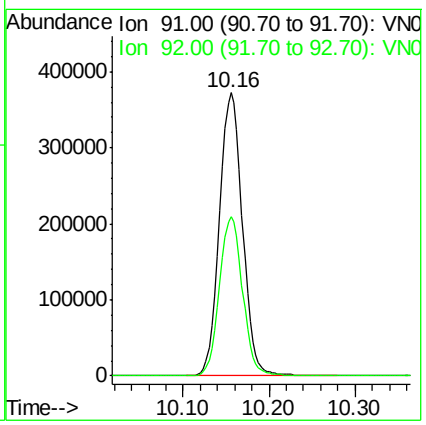


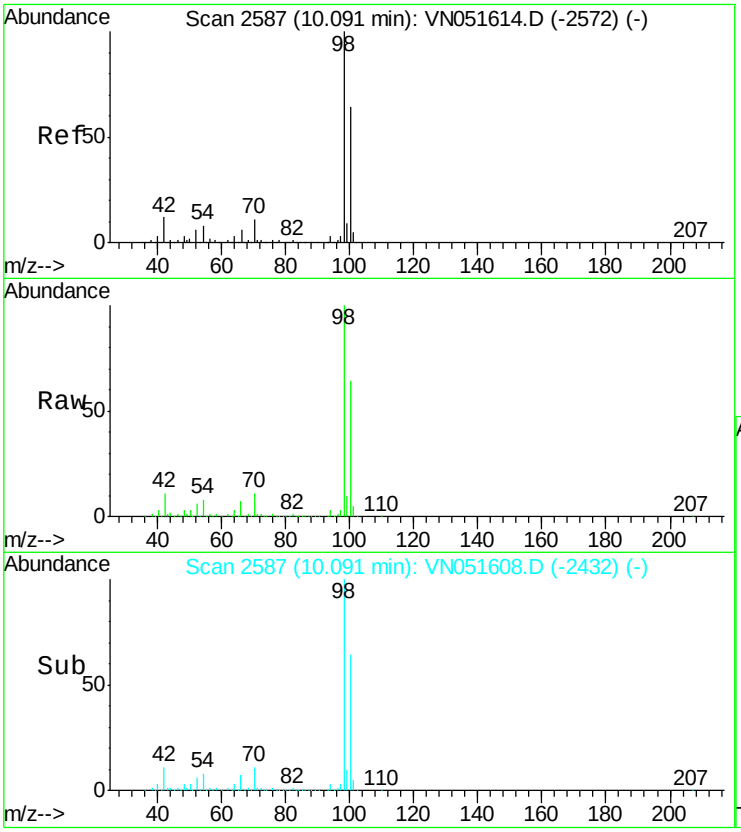




#62
Toluene
Concen: 22.065 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 91 Resp: 695855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.2 | 45.3 | 67.9 |



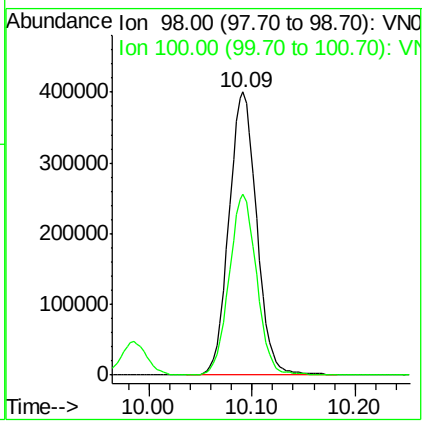


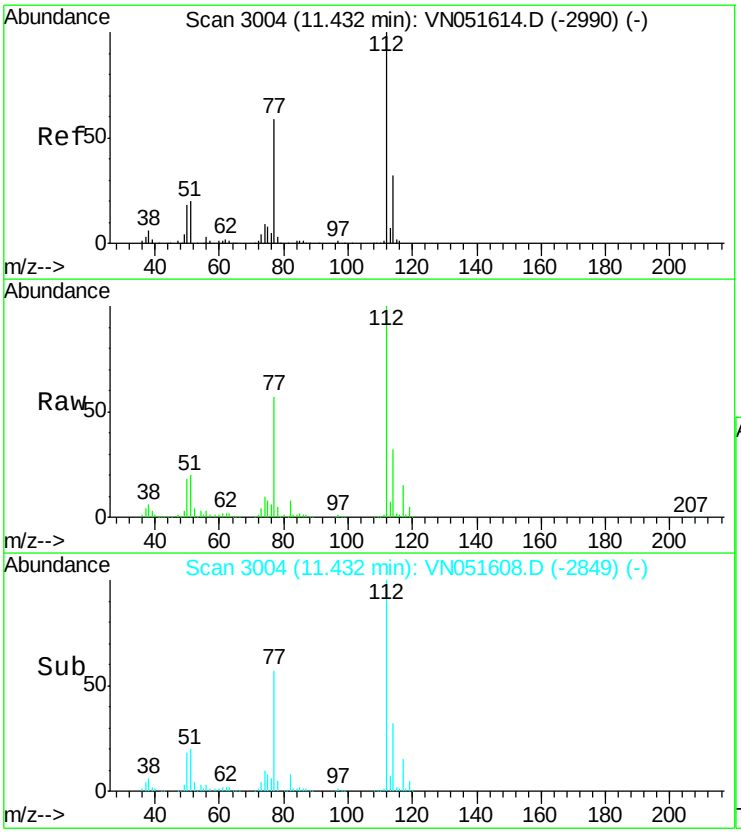

#63
Toluene-d8
Concen: 22.065 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC020

Tgt Ion: 98 Resp: 751415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.9 | 51.4 | 77.0 |

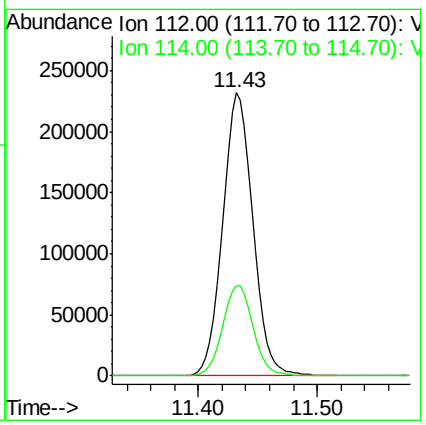


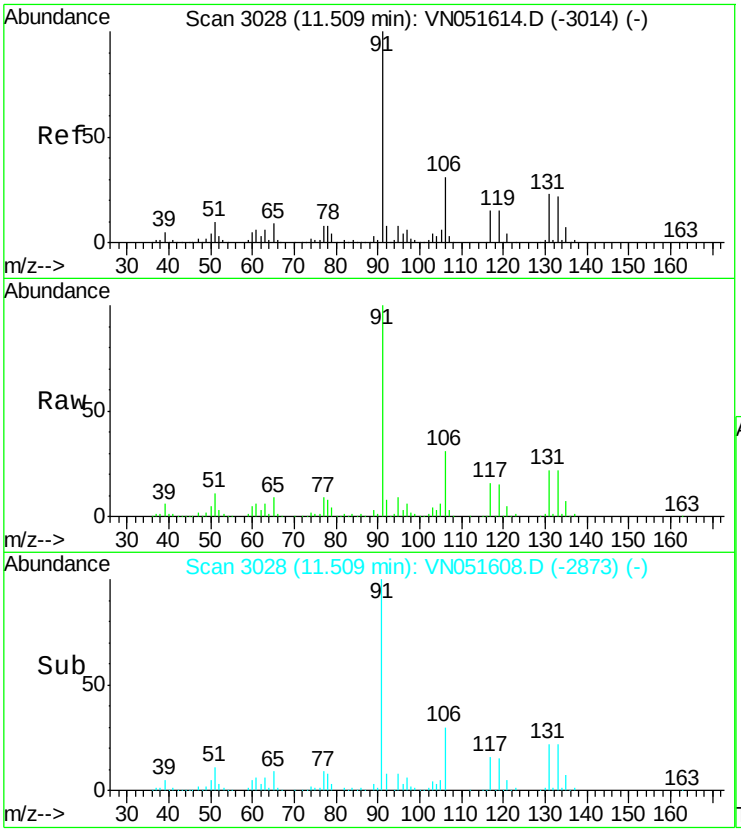




#64
Chlorobenzene
Concen: 21.369 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:112 Resp: 407454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.9 | 25.9 | 38.9 |



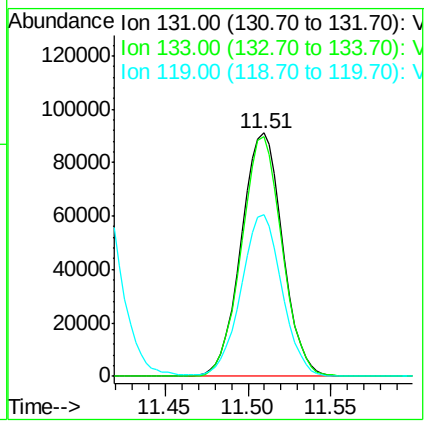


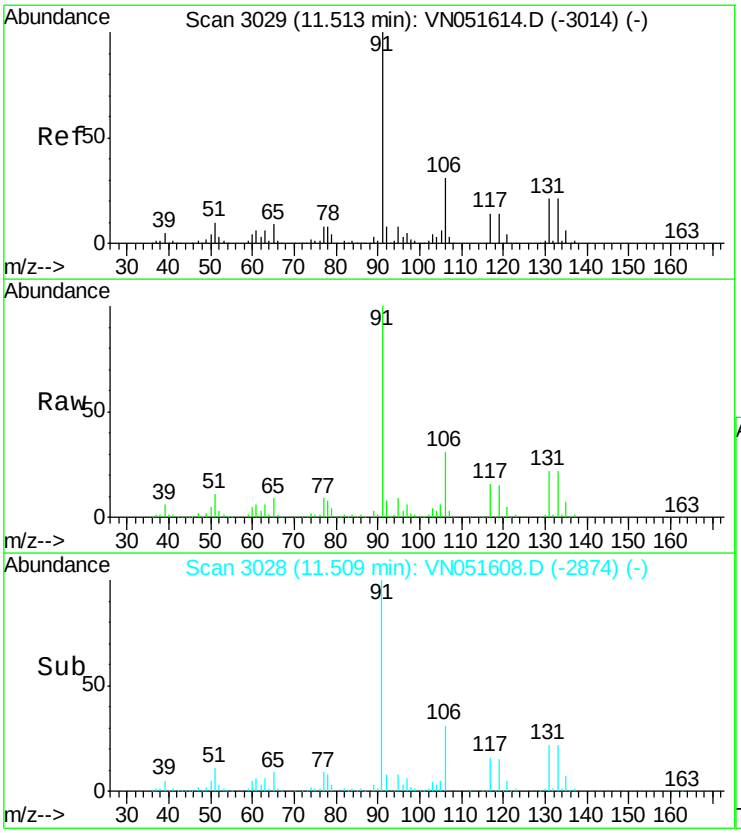

#65
1,1,1,2-Tetrachloroethane
Concen: 21.793 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:131 Resp: 158676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.4 | 0.0 | 193.0 |
| 119 | 65.0 | 0.0 | 135.0 |

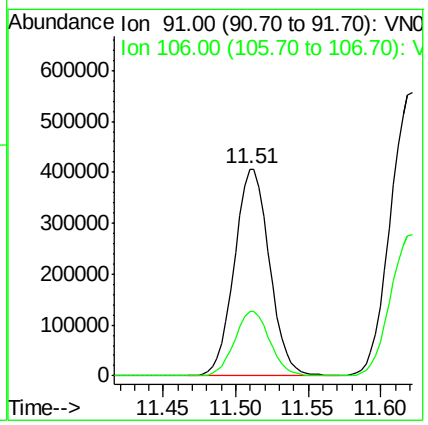


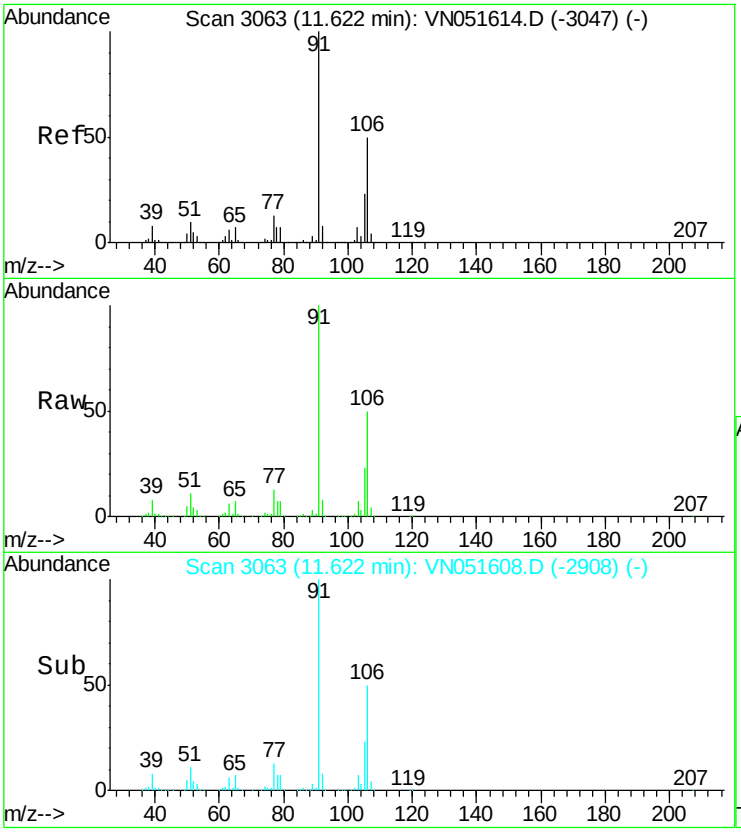




#66
Ethyl Benzene
Concen: 21.261 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 91 Resp: 686217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.2 | 25.0 | 37.4 |



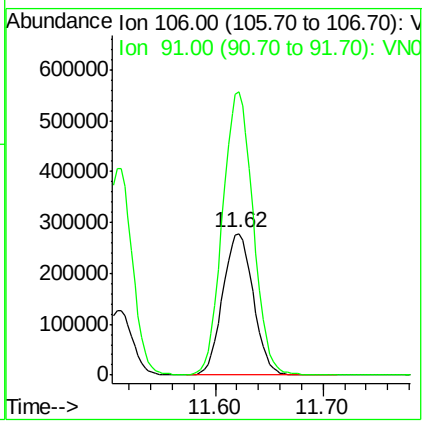


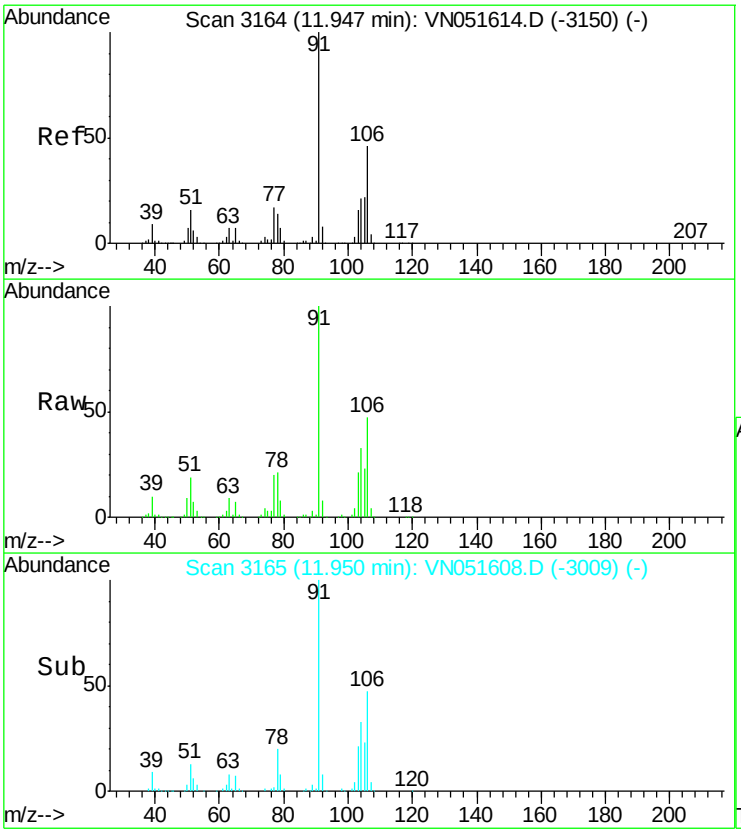

#67
m/p-Xylenes
Concen: 44.097 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:106 Resp: 548548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 200.4 | 161.5 | 242.3 |

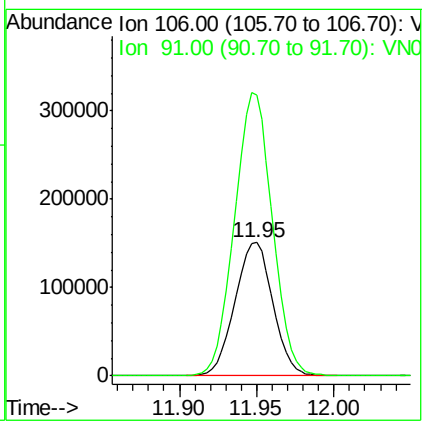


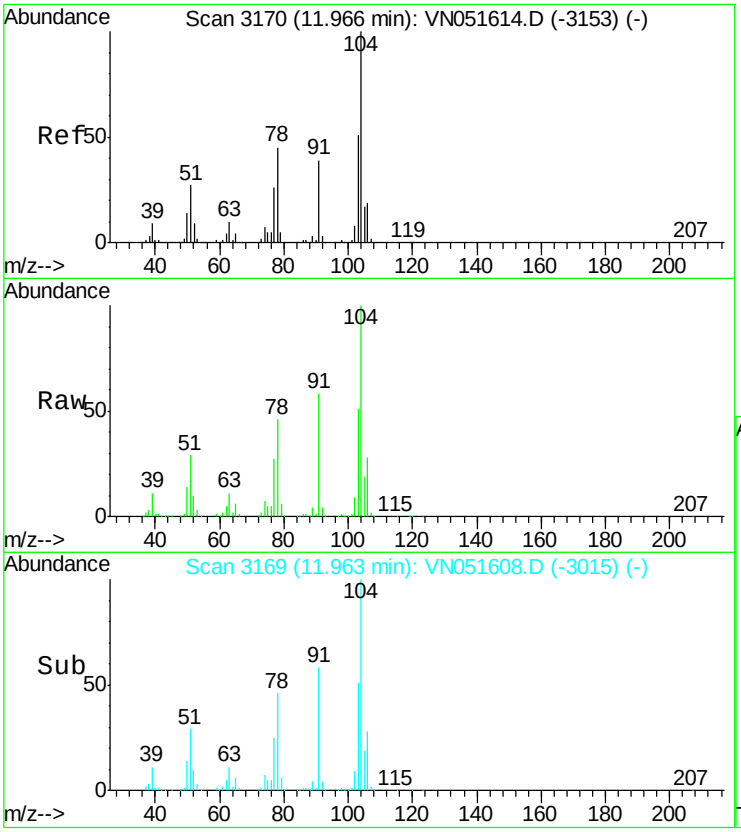




#68
o-Xylene
Concen: 21.722 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:106 Resp: 257943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.5 | 109.7 | 329.1 |



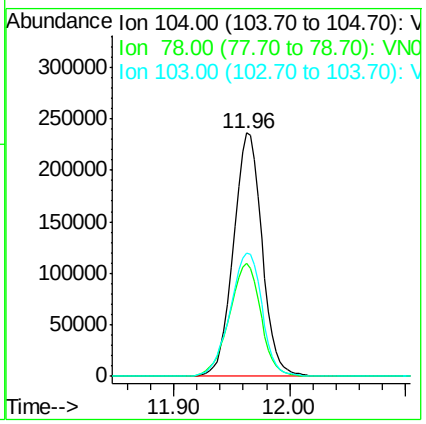


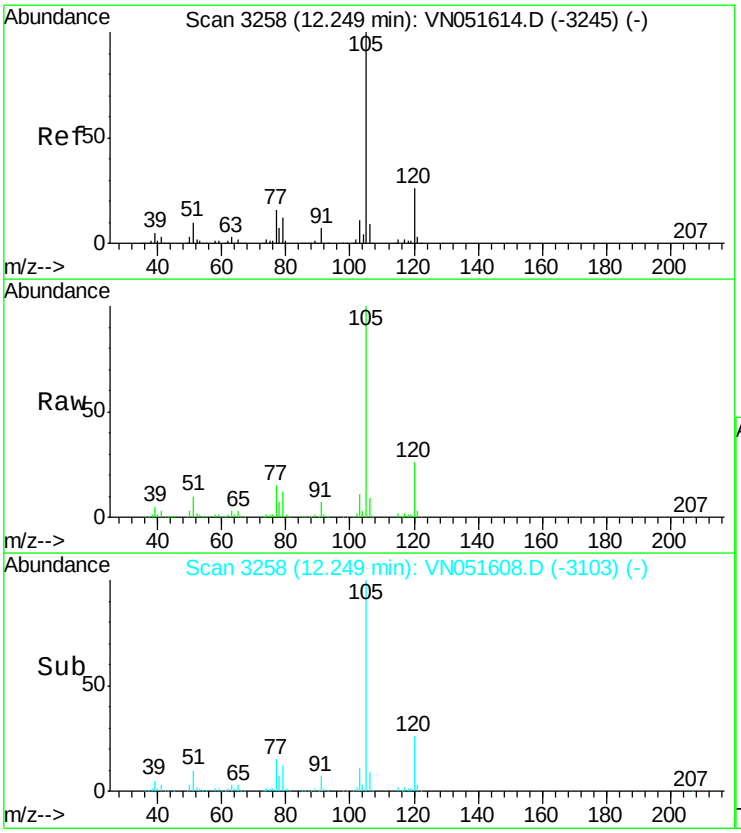

#69
Styrene
Concen: 21.555 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:104 Resp: 401748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 51.3 | 40.3 | 60.5 |
| 103 | 57.0 | 45.7 | 68.5 |

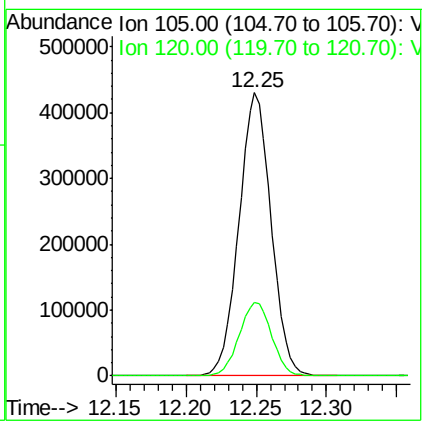


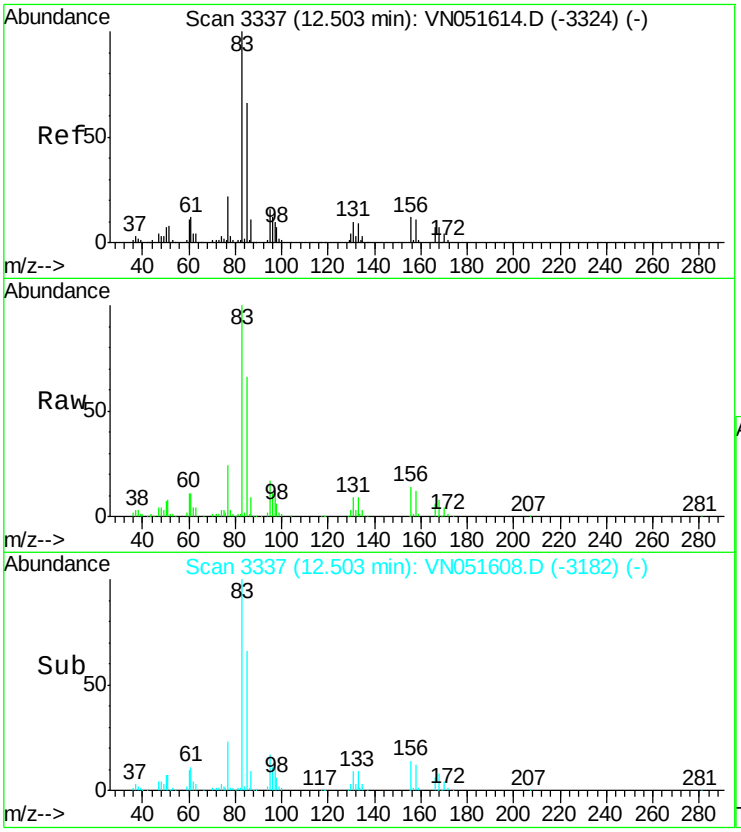




#70
Isopropylbenzene
Concen: 21.691 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:105 Resp: 687082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.2 | 18.7 | 34.7 |



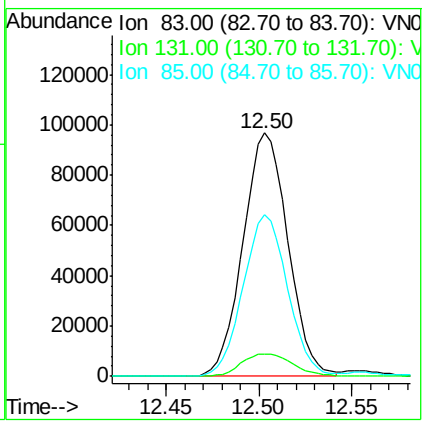


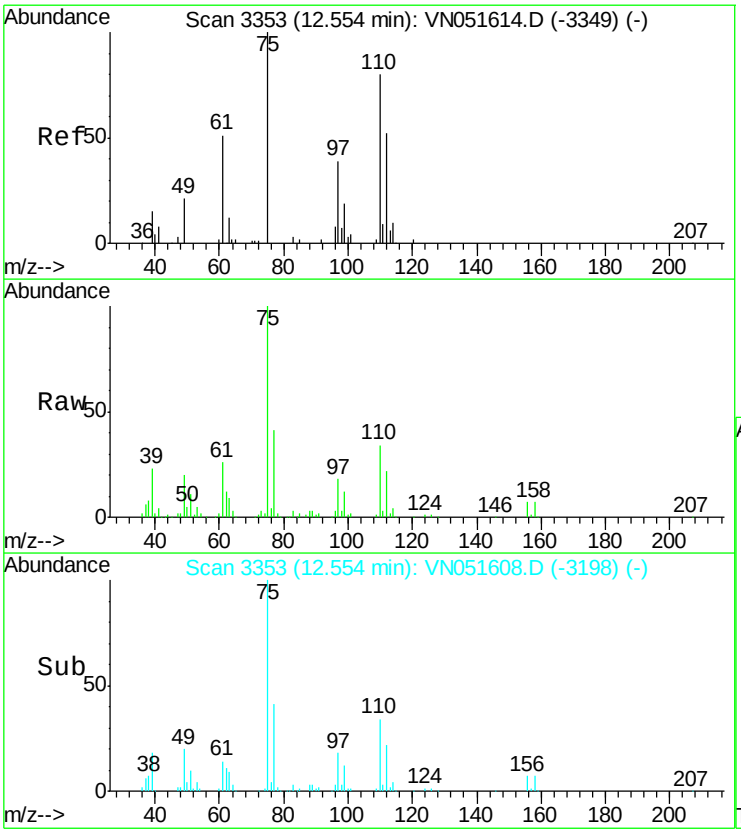

#71
1,1,2,2-Tetrachloroethane
Concen: 21.395 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 83 Resp: 163961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.4 | 5.2 | 15.6 |
| 85 | 65.6 | 32.0 | 96.2 |

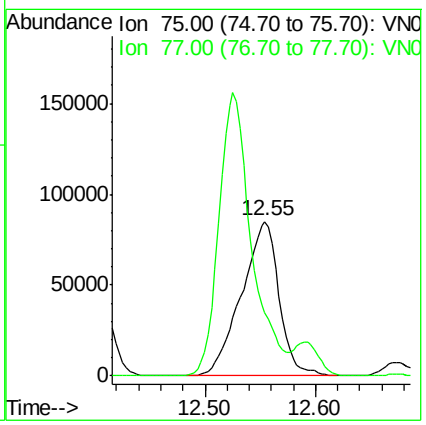


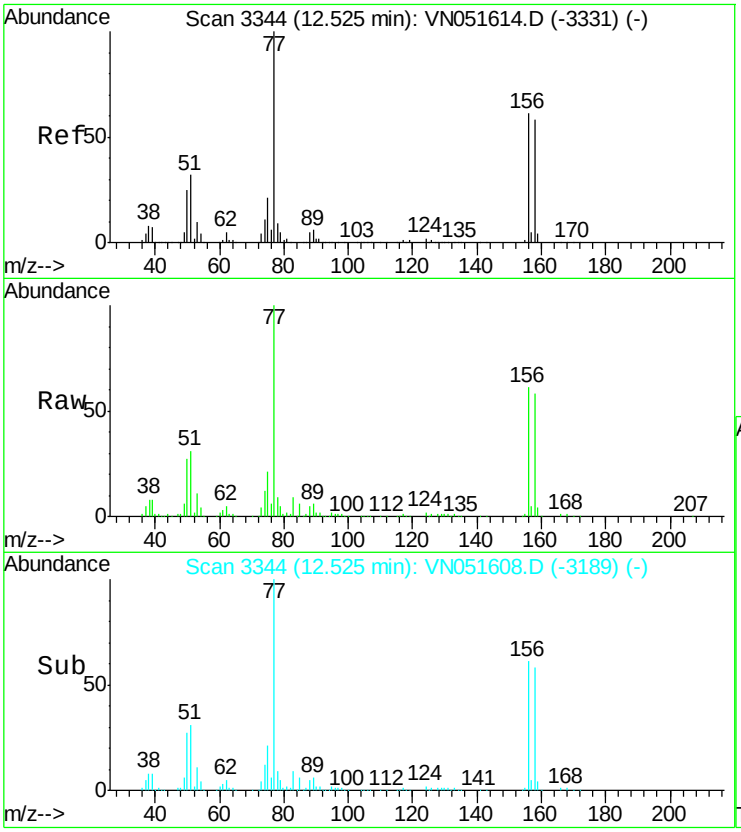




#72
1,2,3-Trichloropropane
Concen: 31.841 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 75 Resp: 201049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 158.7 | 0.0 | 492.2 |



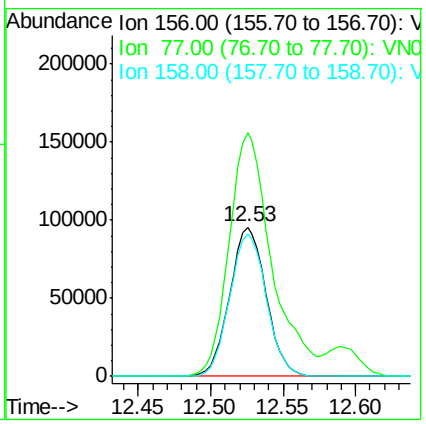


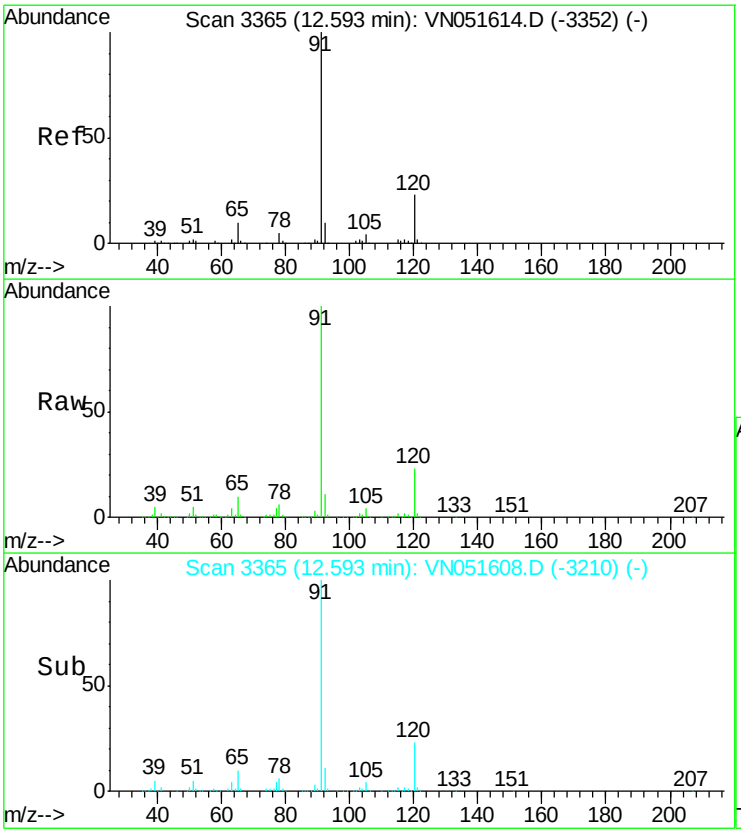

#73
Bromobenzene
Concen: 21.108 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICCC020

Tgt Ion:156 Resp: 166385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 191.8 | 0.0 | 385.2 |
| 158 | 96.2 | 0.0 | 195.6 |

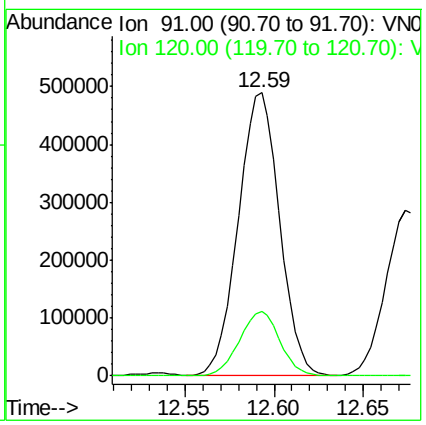


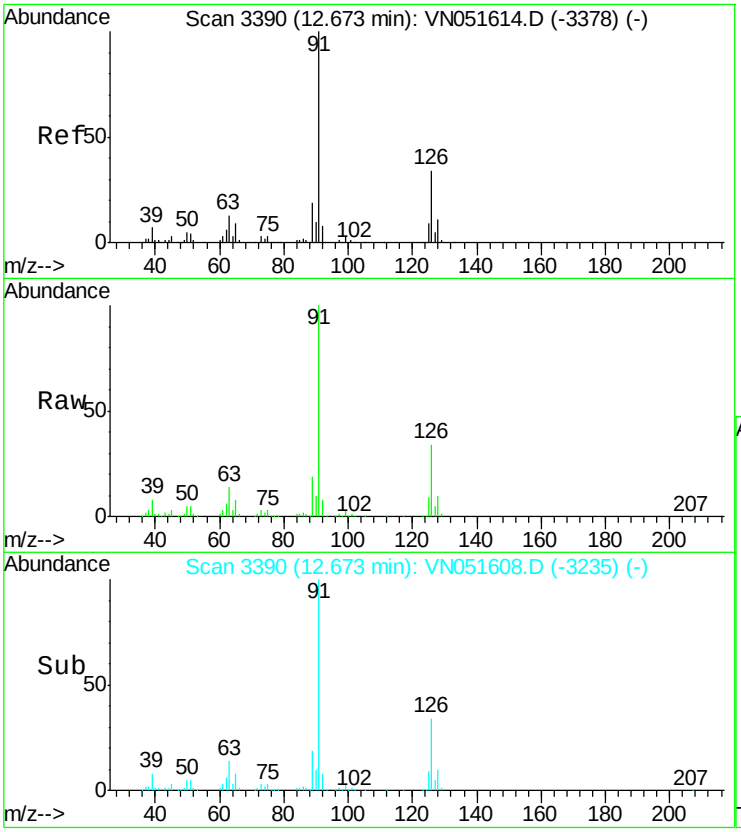




#74
n-propylbenzene
Concen: 21.432 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 91 Resp: 790313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.4 | 0.0 | 45.4 |



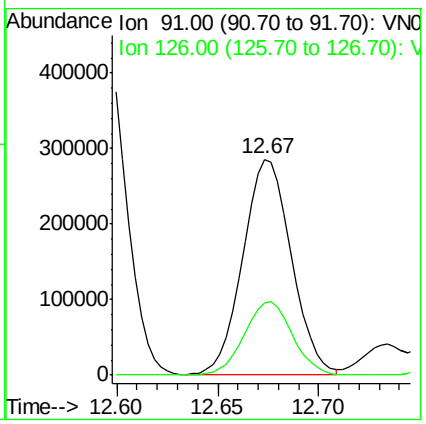


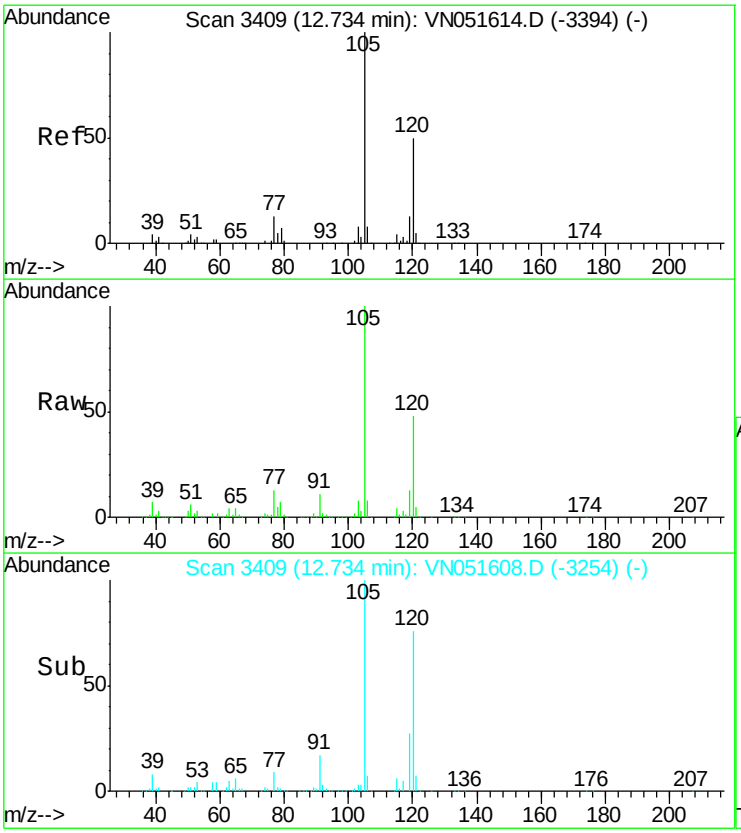

#75
2-Chlorotoluene
Concen: 21.848 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 91 Resp: 481080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.8 | 0.0 | 69.2 |

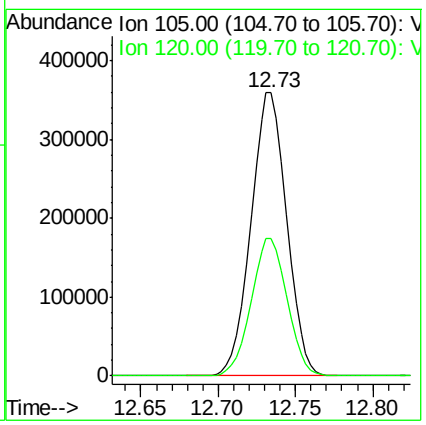


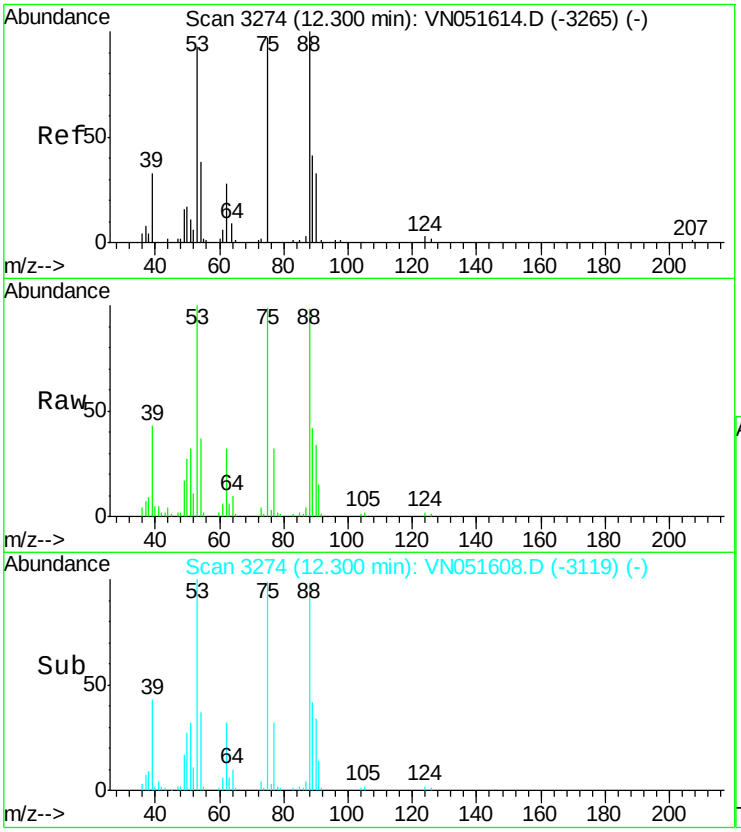




#76
1,3,5-Trimethylbenzene
Concen: 21.764 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:105 Resp: 576030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.9 | 0.0 | 99.8 |



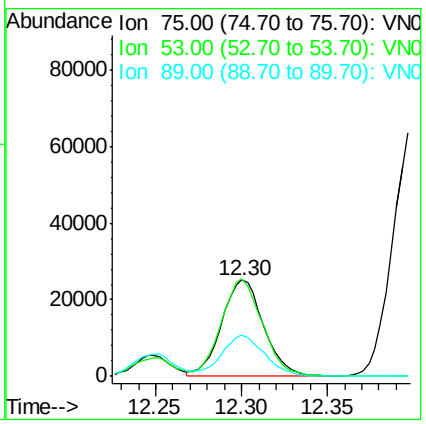


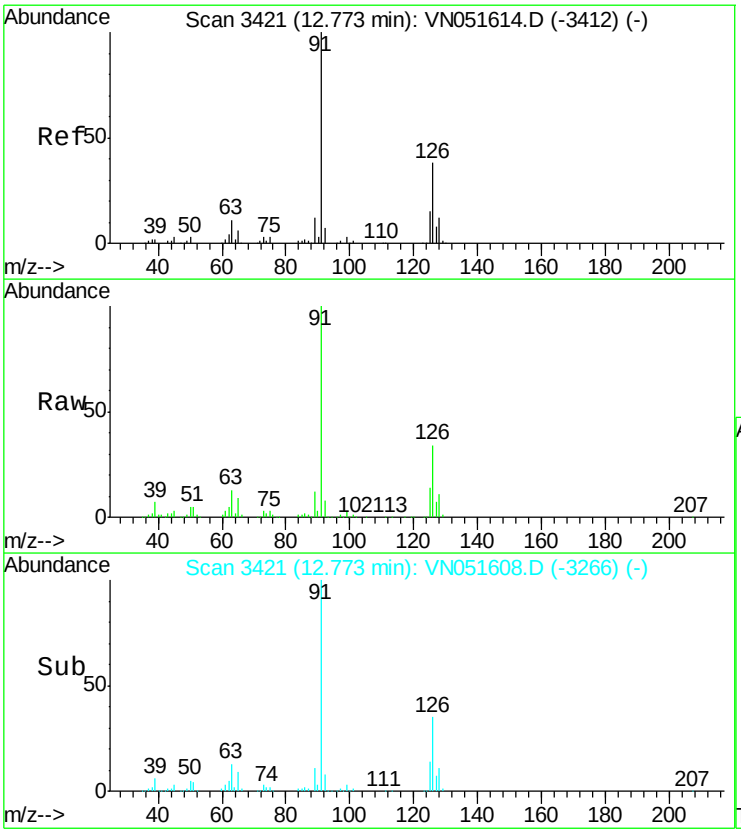

#77
t-1,4-Dichloro-2-butene
Concen: 20.643 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 75 Resp: 42836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 101.6 | 48.1 | 144.4 |
| 89 | 42.9 | 22.4 | 67.3 |

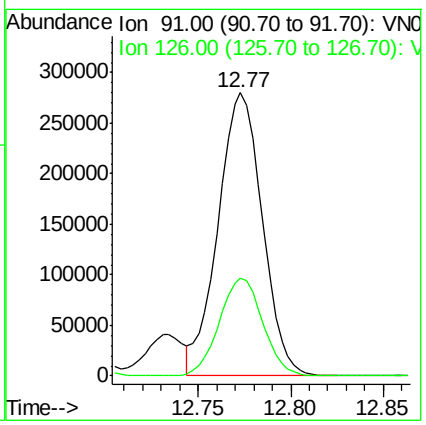


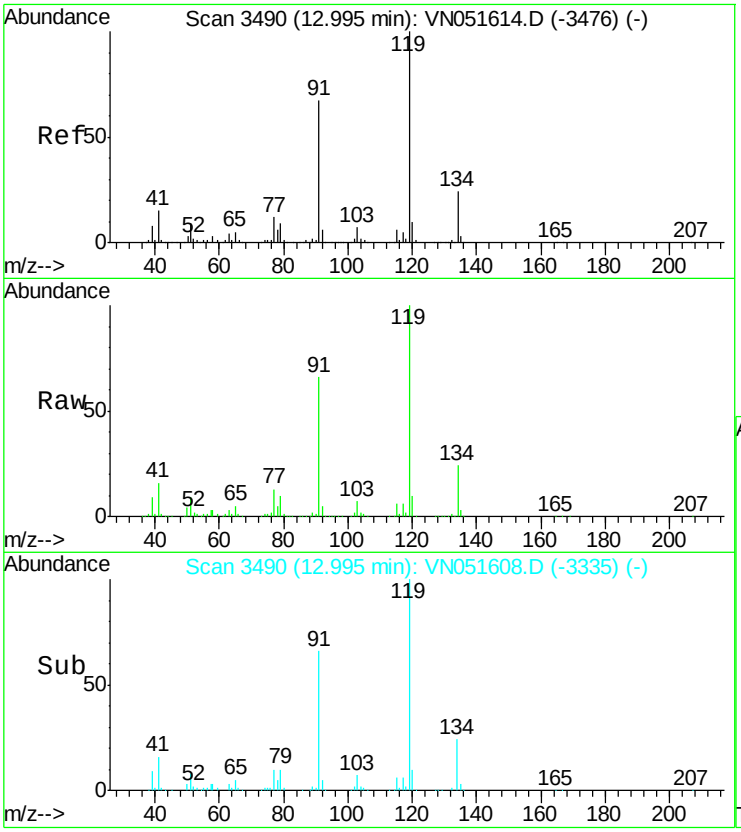




#78
4-Chlorotoluene
Concen: 21.207 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 91 Resp: 461262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.2 | 0.0 | 68.6 |



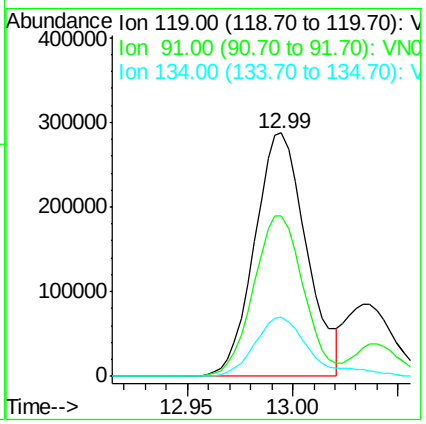


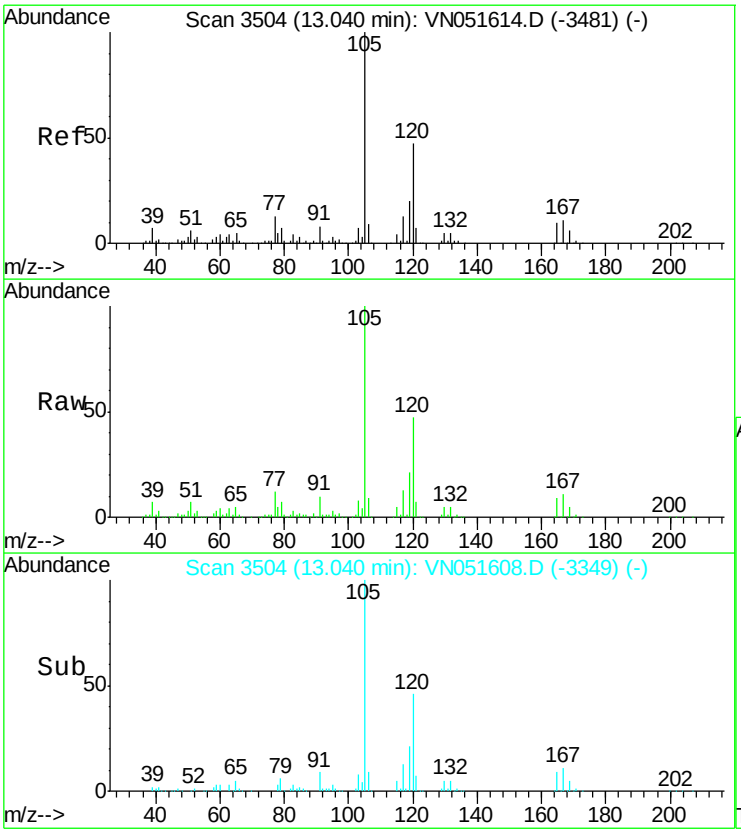

#79
tert-butylbenzene
Concen: 21.423 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:119 Resp: 491245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 63.7 | 0.0 | 132.4 |
| 134 | 23.7 | 0.0 | 48.4 |

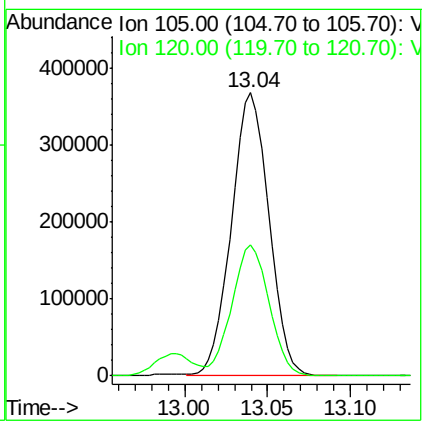


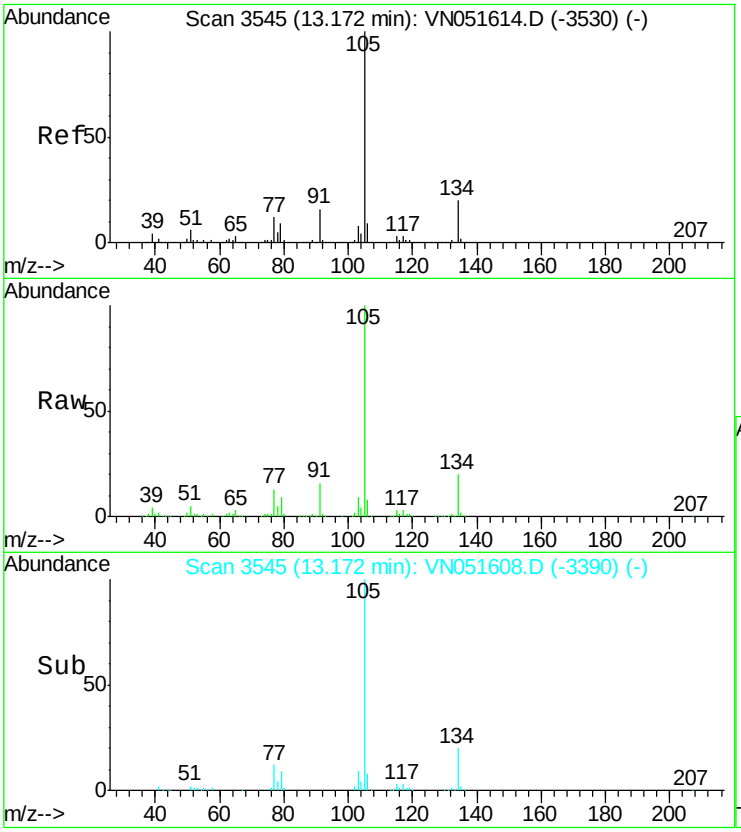




#80
1,2,4-Trimethylbenzene
Concen: 21.997 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:105 Resp: 581506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.2 | 0.0 | 91.6 |



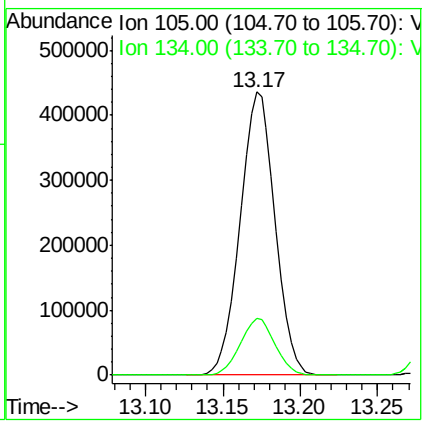


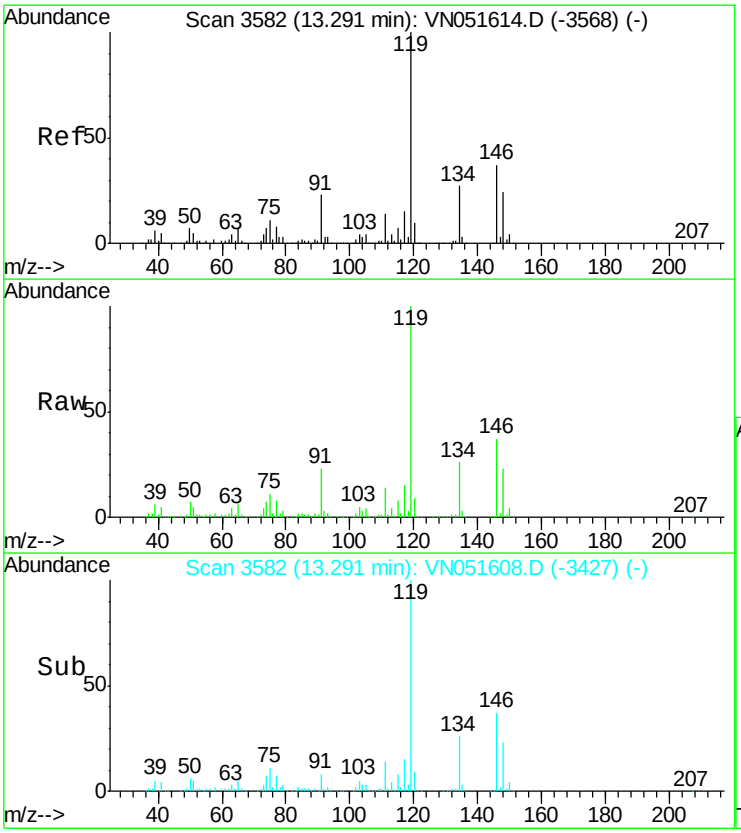

#81
sec-Butylbenzene
Concen: 21.544 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:105 Resp: 682420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.8 | 0.0 | 39.8 |

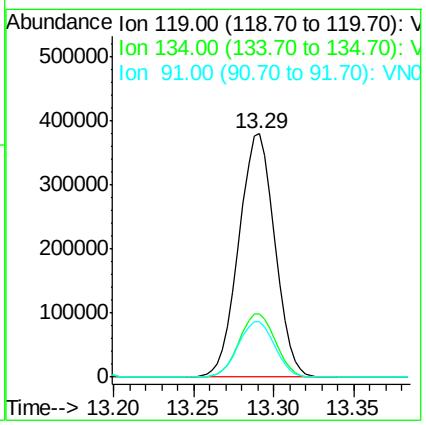


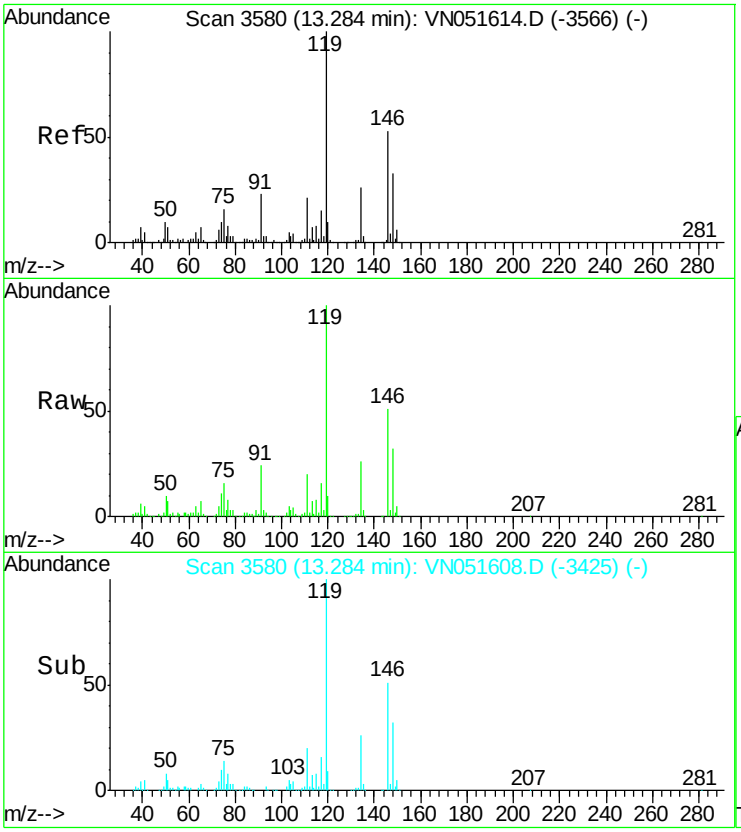




#82
p-Isopropyltoluene
Concen: 21.522 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:119 Resp: 582637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.4 | 0.0 | 52.0 |
| 91 | 23.1 | 0.0 | 46.0 |



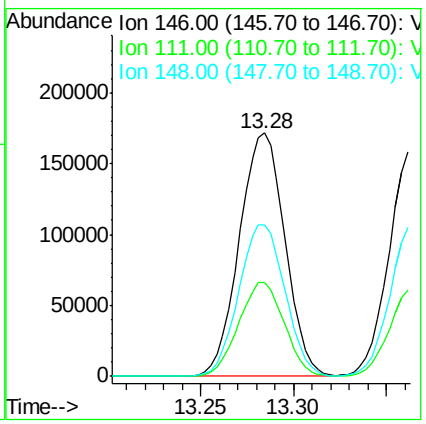


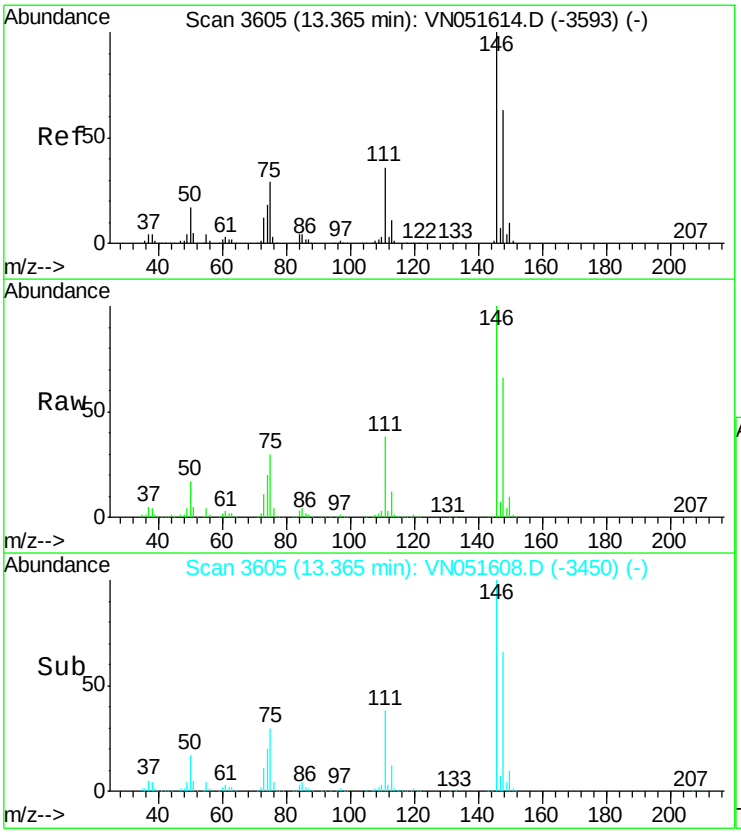

#83
1,3-Dichlorobenzene
Concen: 21.352 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:146 Resp: 293284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.5 | 19.9 | 59.6 |
| 148 | 63.2 | 32.4 | 97.2 |

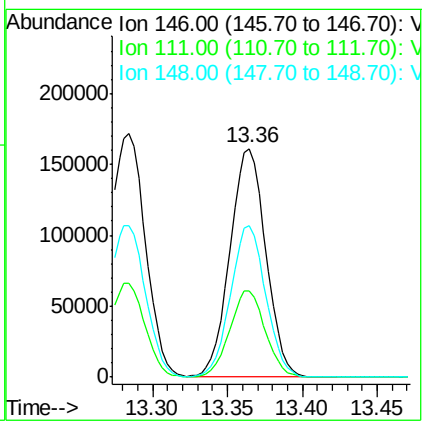


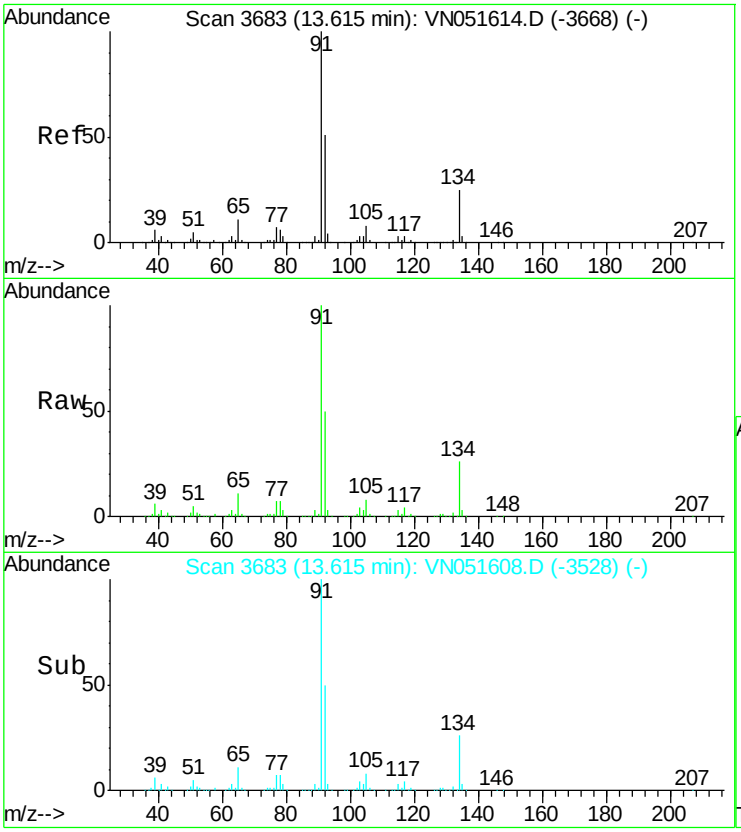




#84
1,4-Dichlorobenzene
Concen: 20.903 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:146 Resp: 269886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.2 | 18.6 | 55.8 |
| 148 | 64.8 | 32.1 | 96.5 |



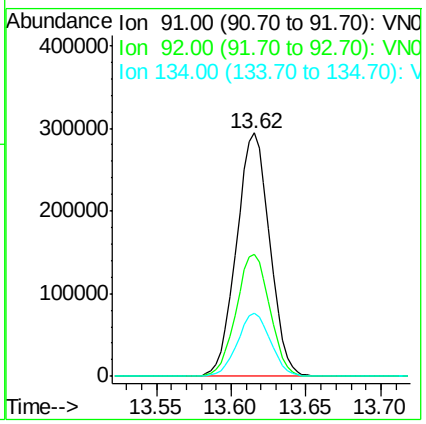


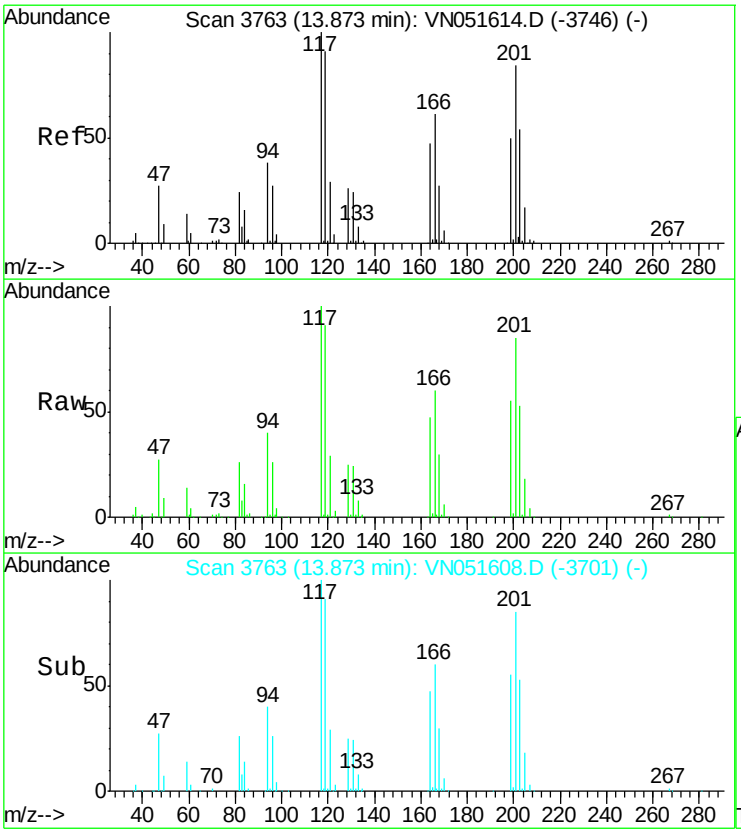

#85
n-Butylbenzene
Concen: 20.479 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion: 91 Resp: 455066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 50.7 | 0.0 | 101.6 |
| 134 | 25.6 | 0.0 | 50.6 |

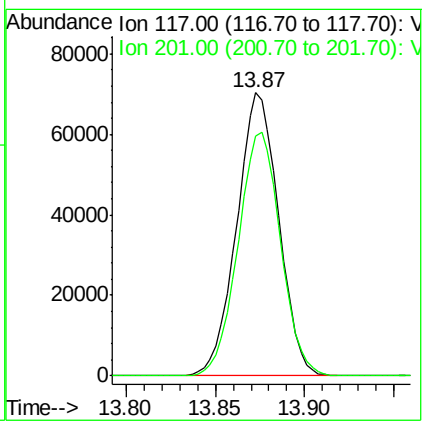


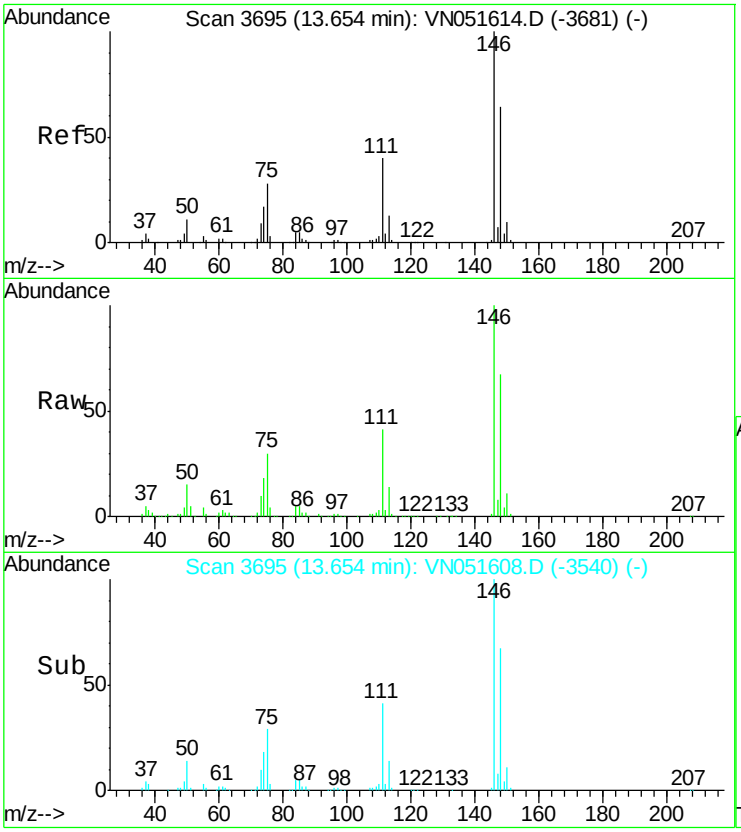




#86
Hexachloroethane
Concen: 21.253 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:117 Resp: 115081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 87.4 | 42.9 | 128.5 |



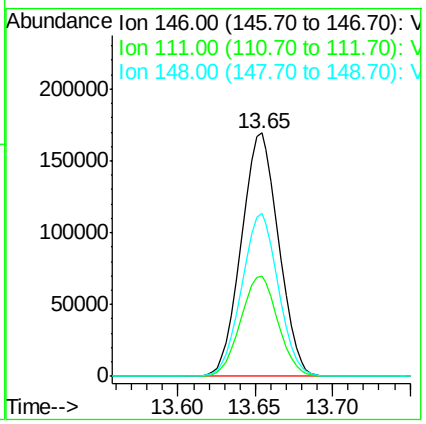


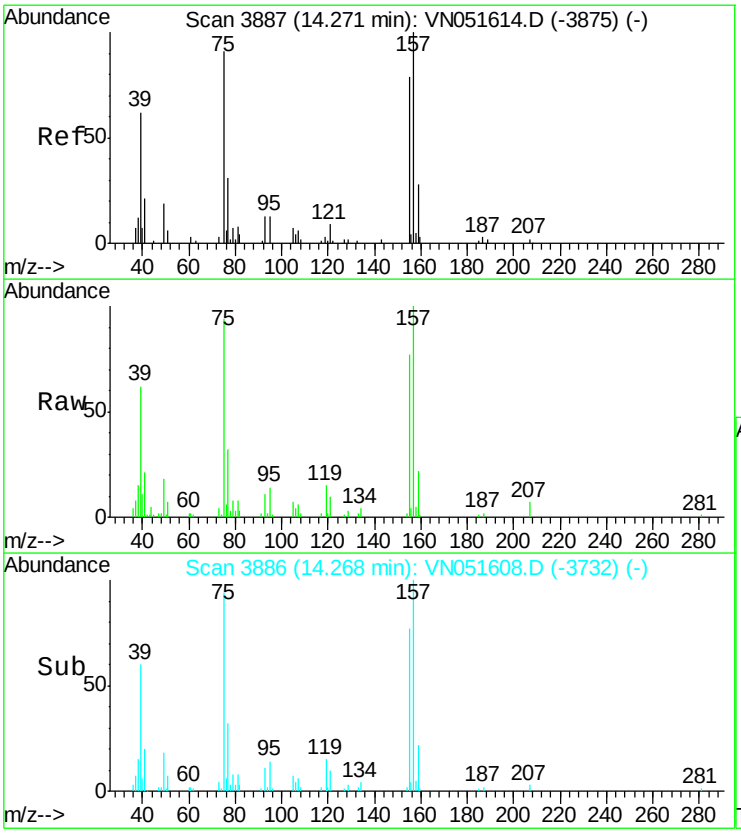

#87
1,2-Dichlorobenzene
Concen: 21.217 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:146 Resp: 285086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.0 | 20.1 | 60.3 |
| 148 | 65.7 | 32.1 | 96.5 |

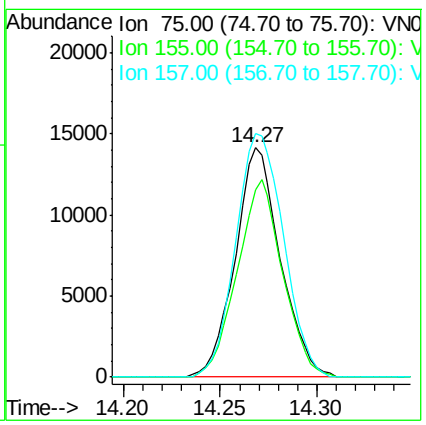


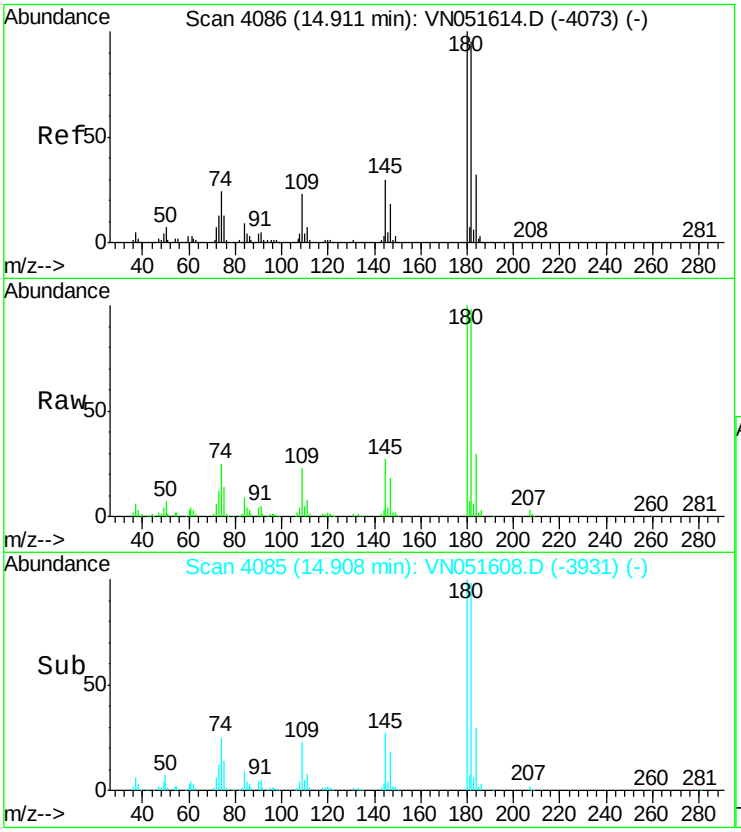




#88
1,2-Dibromo-3-Chloropropane
Concen: 20.617 ug/l
RT: 14.27 min Scan# 3886
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion: 75 Resp: 23028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 86.2 | 67.1 | 100.7 |
| 157 | 112.3 | 85.8 | 128.6 |



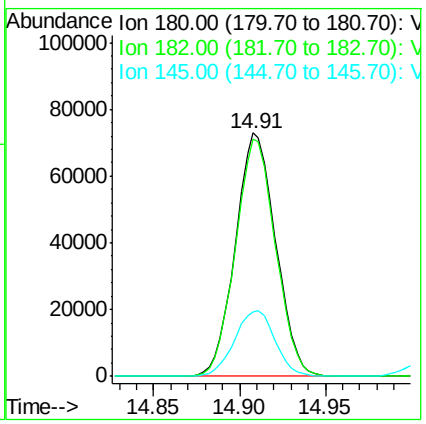


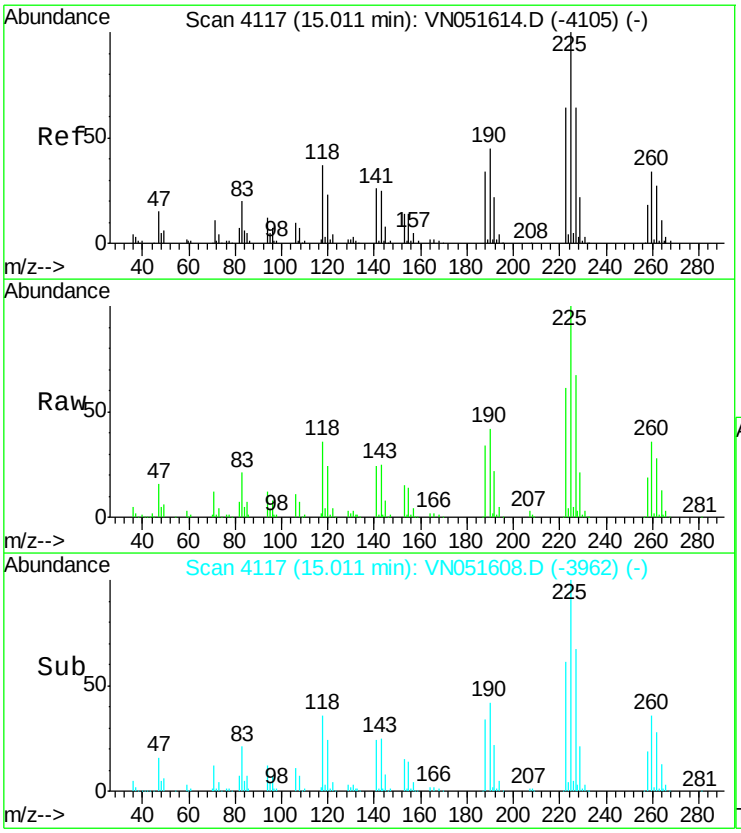

#89
1,2,4-Trichlorobenzene
Concen: 18.841 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:180 Resp: 118494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.7 | 75.2 | 112.8 |
| 145 | 27.1 | 22.9 | 34.3 |

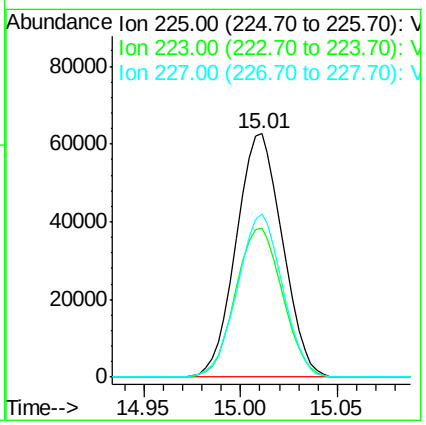


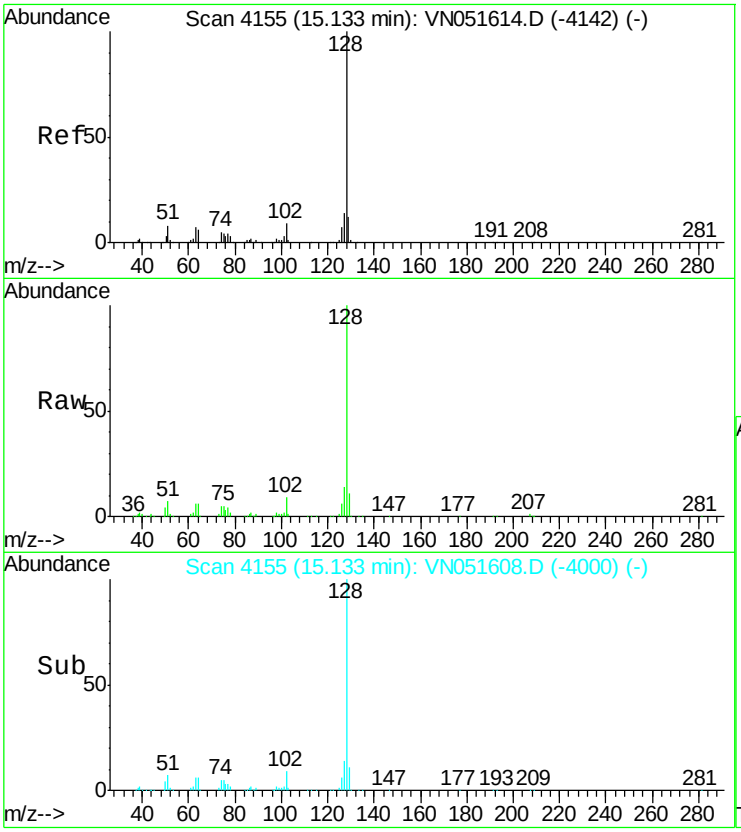




#90
Hexachlorobutadiene
Concen: 20.351 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:225 Resp: 104340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.0 | 0.0 | 131.0 |
| 227 | 65.4 | 0.0 | 129.0 |



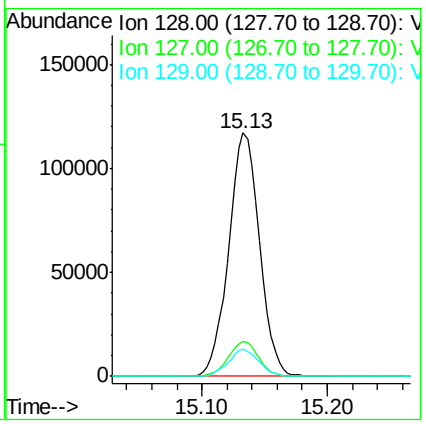


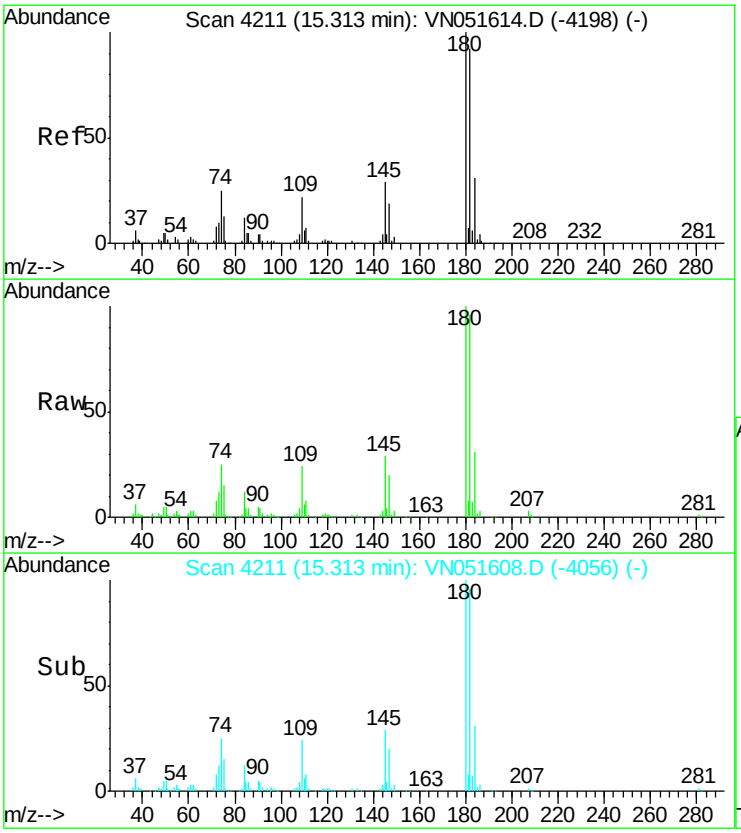

#91
Naphthalene
Concen: 16.926 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICCC020

Tgt Ion:128 Resp: 199910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 14.0 | 10.8 | 16.2 |
| 129 | 10.9 | 9.1 | 13.7 |




#92
1,2,3-Trichlorobenzene
Concen: 19.434 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051608.D
Acq: 28 Sep 2018 8:39

Tgt Ion:180 Resp: 122923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.6 | 0.0 | 191.8 |
| 145 | 28.3 | 0.0 | 60.4 |