Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091018\
Data File : VN051071.D
Acq On : 10 Sep 2018 11:01
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Quant Time: Sep 11 01:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 01:47:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 619459 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 931400 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 797935 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 273749 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 10585 | 1.54 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 3.08% | | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 9143 | 1.31 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 2.62% | | | | |
| 50) Toluene-d8 | 10.09 | 98 | 31936 | 1.20 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 2.40% | | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 10660 | 1.21 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 2.42% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 7519 | 1.259 | ug/l | | 97 |
| 3) Chloromethane | 2.06 | 50 | 11087 | 1.304 | ug/l | | 98 |
| 4) Vinyl Chloride | 2.18 | 62 | 9309 | 1.135 | ug/l | | 98 |
| 5) Bromomethane | 2.57 | 94 | 8843 | 1.609 | ug/l | | 91 |
| 6) Chloroethane | 2.70 | 64 | 6111 | 1.207 | ug/l | | 93 |
| 7) Trichlorofluoromethane | 3.01 | 101 | 12230 | 1.126 | ug/l | | 98 |
| 8) Diethyl Ether | 3.41 | 74 | 3841 | 0.961 | ug/l | | 93 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 8245 | 1.177 | ug/l | | 99 |
| 10) Methyl Iodide | 3.95 | 142 | 6362 | 1.063 | ug/l | # | 92 |
| 11) Tert butyl alcohol | 4.76 | 59 | 457 | 0.868 | ug/l | # | 73 |
| 12) 1,1-Dichloroethene | 3.74 | 96 | 7465 | 1.130 | ug/l | | 95 |
| 13) Acrolein | 3.62 | 56 | 5151 | 8.576 | ug/l | | 92 |
| 14) Allyl chloride | 4.33 | 41 | 10030 | 0.996 | ug/l | | 99 |
| 15) Acrylonitrile | 5.00 | 53 | 11119 | 4.766 | ug/l | # | 87 |
| 16) Acetone | 3.82 | 43 | 11267 | 5.883 | ug/l | | 94 |
| 17) Carbon Disulfide | 4.06 | 76 | 32447 | 1.492 | ug/l | | 97 |
| 18) Methyl Acetate | 4.34 | 43 | 6773 | 1.227 | ug/l | | 91 |
| 19) Methyl tert-butyl Ether | 5.04 | 73 | 7199 | 0.454 | ug/l | | 94 |
| 20) Methylene Chloride | 4.55 | 84 | 9207 | 1.209 | ug/l | | 94 |
| 21) trans-1,2-Dichloroethene | 5.05 | 96 | 8606 | 1.201 | ug/l | # | 83 |
| 22) Diisopropyl ether | 5.96 | 45 | 18153 | 0.908 | ug/l | | 92 |
| 23) Vinyl Acetate | 5.90 | 43 | 58470 | 4.324 | ug/l | | 97 |
| 24) 1,1-Dichloroethane | 5.85 | 63 | 13151 | 1.037 | ug/l | | 93 |
| 25) 2-Butanone | 6.85 | 43 | 13210 | 4.874 | ug/l | | 100 |
| 26) 2,2-Dichloropropane | 6.83 | 77 | 11518 | 1.110 | ug/l | # | 71 |
| 27) cis-1,2-Dichloroethene | 6.83 | 96 | 8296 | 1.055 | ug/l | | 97 |
| 28) Bromochloromethane | 7.20 | 49 | 6126 | 1.086 | ug/l | # | 98 |
| 29) Tetrahydrofuran | 7.22 | 42 | 7928 | 4.684 | ug/l | | 97 |
| 30) Chloroform | 7.38 | 83 | 13219 | 1.048 | ug/l | | 99 |
| 31) Cyclohexane | 7.66 | 56 | 19697 | 1.536 | ug/l | # | 21 |
| 32) 1,1,1-Trichloroethane | 7.57 | 97 | 11047 | 1.028 | ug/l | # | 50 |
| 36) 1,1-Dichloropropene | 7.80 | 75 | 10845 | 1.061 | ug/l | # | 88 |
| 37) Ethyl Acetate | 6.93 | 43 | 5219 | 0.881 | ug/l | # | 71 |
| 38) Carbon Tetrachloride | 7.77 | 117 | 10387 | 1.032 | ug/l | | 93 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091018\
Data File : VN051071.D
Acq On : 10 Sep 2018 11:01
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Quant Time: Sep 11 01:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 01:47:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.08 | 83 | 10826 | 0.960 ug/l | | 98 |
| 40) Benzene | 8.04 | 78 | 30697 | 0.996 ug/l | | 98 |
| 41) Methacrylonitrile | 7.18 | 41 | 2975 | 0.974 ug/l | # | 79 |
| 42) 1,2-Dichloroethane | 8.13 | 62 | 9071 | 1.010 ug/l | | 96 |
| 43) Isopropyl Acetate | 8.17 | 43 | 9023 | 0.863 ug/l | # | 61 |
| 44) Trichloroethene | 8.84 | 130 | 9324 | 1.106 ug/l | | 91 |
| 45) 1,2-Dichloropropane | 9.12 | 63 | 7738 | 0.972 ug/l | | 98 |
| 46) Dibromomethane | 9.21 | 93 | 5303 | 1.092 ug/l | | 94 |
| 47) Bromodichloromethane | 9.41 | 83 | 9548 | 0.967 ug/l | | 89 |
| 48) Methyl methacrylate | 9.21 | 41 | 4538 | 0.891 ug/l | | 89 |
| 49) 1,4-Dioxane | 9.20 | 88 | 1385 | 17.343 ug/l | # | 93 |
| 51) 4-Methyl-2-Pentanone | 9.99 | 43 | 24353 | 4.214 ug/l | | 95 |
| 52) Toluene | 10.16 | 92 | 17197 | 0.915 ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 10.38 | 75 | 8576 | 0.867 ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 9.84 | 75 | 10476 | 0.904 ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 10.56 | 97 | 6626 | 0.971 ug/l | | 99 |
| 56) Ethyl methacrylate | 10.43 | 69 | 6061 | 0.742 ug/l | | 98 |
| 57) 1,3-Dichloropropane | 10.71 | 76 | 10728 | 0.948 ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 9.70 | 63 | 11772 | 3.526 ug/l | | 97 |
| 59) 2-Hexanone | 10.75 | 43 | 17148 | 4.375 ug/l | | 88 |
| 60) Dibromochloromethane | 10.90 | 129 | 6975 | 0.907 ug/l | | 99 |
| 61) 1,2-Dibromoethane | 11.00 | 107 | 5968 | 0.894 ug/l | | 99 |
| 64) Tetrachloroethene | 10.63 | 164 | 8395 | 1.153 ug/l | | 98 |
| 65) Chlorobenzene | 11.43 | 112 | 21315 | 1.060 ug/l | | 95 |
| 66) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 7262 | 1.003 ug/l | # | 64 |
| 67) Ethyl Benzene | 11.51 | 91 | 30414 | 0.934 ug/l | | 100 |
| 68) m/p-Xylenes | 11.62 | 106 | 21638 | 1.729 ug/l | | 96 |
| 69) o-Xylene | 11.95 | 106 | 10819 | 0.893 ug/l | | 99 |
| 70) Styrene | 11.97 | 104 | 14143 | 0.752 ug/l | | 96 |
| 71) Bromoform | 12.13 | 173 | 4404 | 0.864 ug/l | # | 94 |
| 73) Isopropylbenzene | 12.25 | 105 | 24945 | 1.087 ug/l | | 97 |
| 74) N-amyl acetate | 12.07 | 43 | 6222 | 1.077 ug/l | # | 89 |
| 75) 1,1,2,2-Tetrachloroethane | 12.50 | 83 | 8175 | 1.337 ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 12.56 | 75 | 8912 | 1.958 ug/l | # | 100 |
| 77) Bromobenzene | 12.53 | 156 | 7613 | 1.235 ug/l | | 86 |
| 78) n-propylbenzene | 12.59 | 91 | 26342 | 1.044 ug/l | | 98 |
| 79) 2-Chlorotoluene | 12.68 | 91 | 18633 | 1.181 ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 19488 | 1.050 ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75 | 1297 | 0.900 ug/l | # | 66 |
| 82) 4-Chlorotoluene | 12.77 | 91 | 18038 | 1.152 ug/l | | 97 |
| 83) tert-Butylbenzene | 12.99 | 119 | 17638 | 1.076 ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 16811 | 0.921 ug/l | | 93 |
| 85) sec-Butylbenzene | 13.17 | 105 | 21585 | 1.027 ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.29 | 119 | 16120 | 0.905 ug/l | | 96 |
| 87) 1,3-Dichlorobenzene | 13.28 | 146 | 13035 | 1.246 ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.28 | 146 | 13035 | 1.264 ug/l | | 98 |
| 89) n-Butylbenzene | 13.61 | 91 | 13161 | 0.949 ug/l | | 91 |
| 90) Hexachloroethane | 13.87 | 117 | 4994 | 1.371 ug/l | | 95 |
| 91) 1,2-Dichlorobenzene | 13.65 | 146 | 12945 | 1.270 ug/l | | 96 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75 | 1414 | 1.585 ug/l | | 60 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091018\
Data File : VN051071.D
Acq On : 10 Sep 2018 11:01
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Quant Time: Sep 11 01:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 01:47:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180 | 5102 | 1.163 | ug/l | 86 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 5907 | 1.645 | ug/l | 96 |
| 95) Naphthalene | 15.13 | 128 | 12900 | 1.387 | ug/l | 96 |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180 | 6340 | 1.394 | ug/l | 94 |

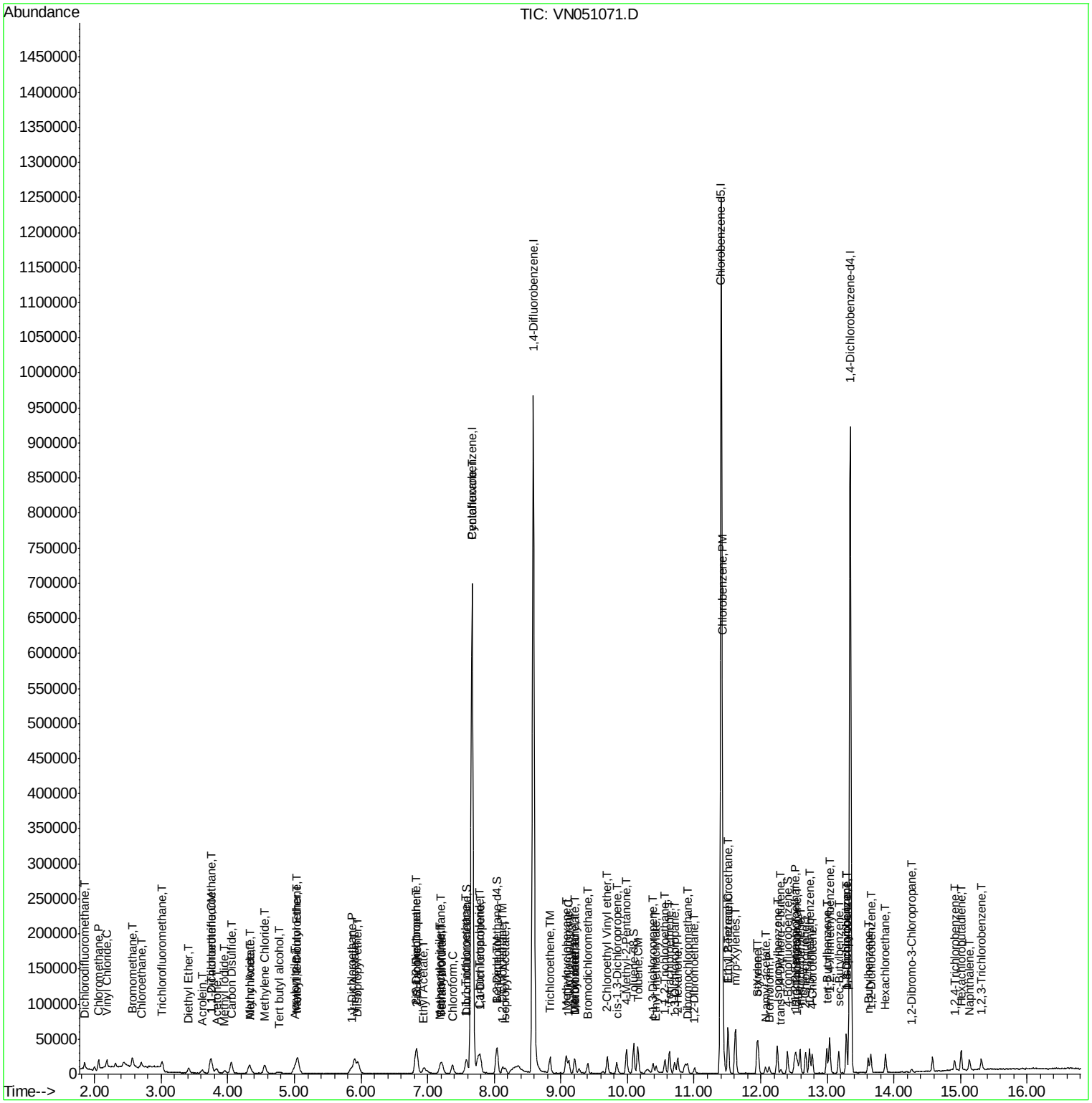
(#) = qualifier out of range (m) = manual integration (+) = signals summed

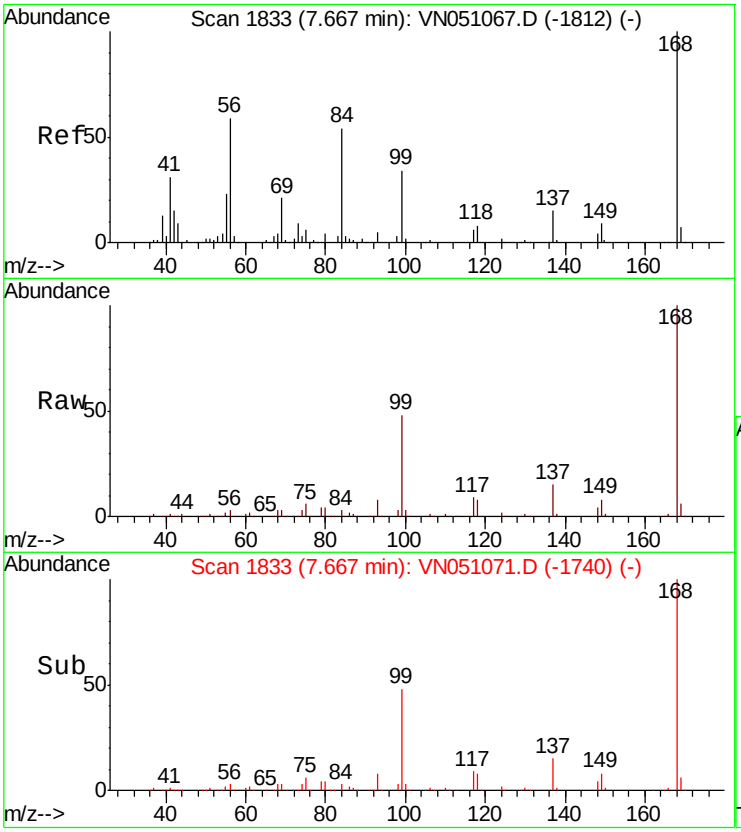
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091018\
Data File : VN051071.D
Acq On : 10 Sep 2018 11:01
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Quant Time: Sep 11 01:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 01:47:53 2018
Response via : Initial Calibration



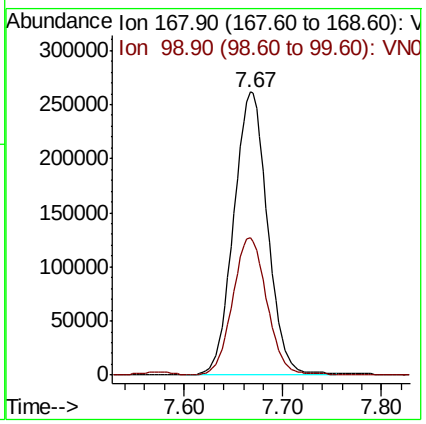


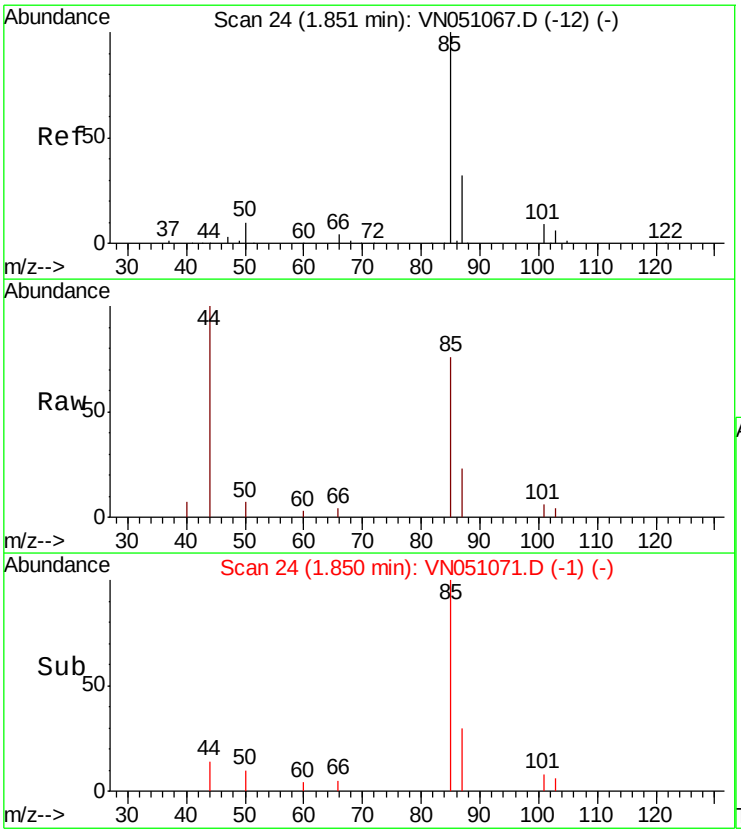

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:168 Resp: 619459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.1 | 38.3 | 57.5 |

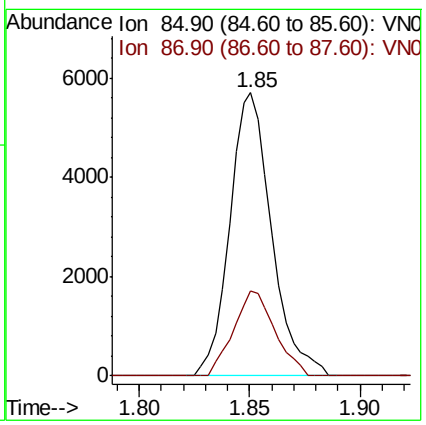


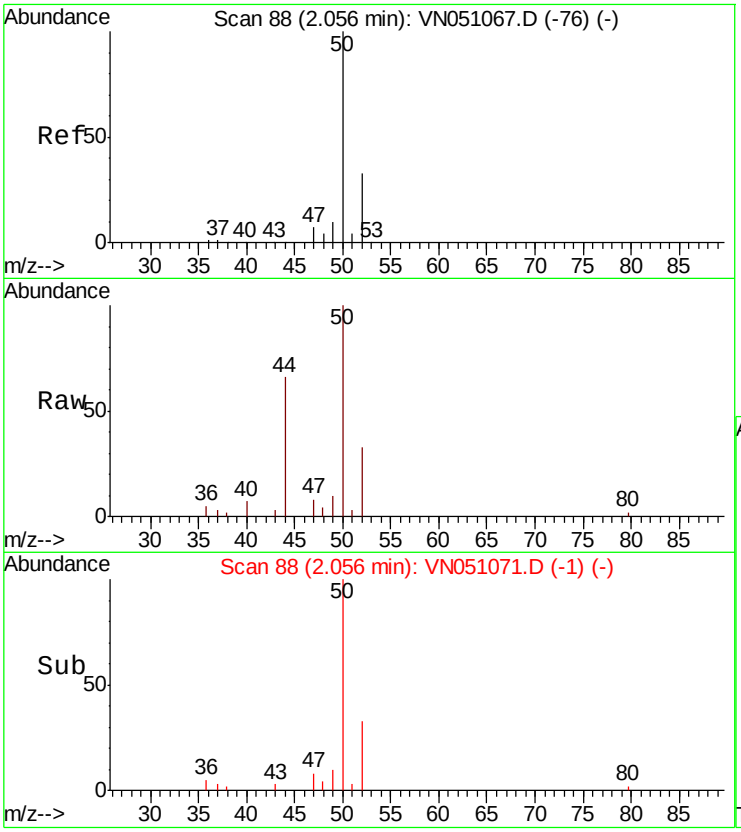




#2
Dichlorodifluoromethane
Concen: 1.259 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 85 Resp: 7519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 29.9 | 15.9 | 47.6 |



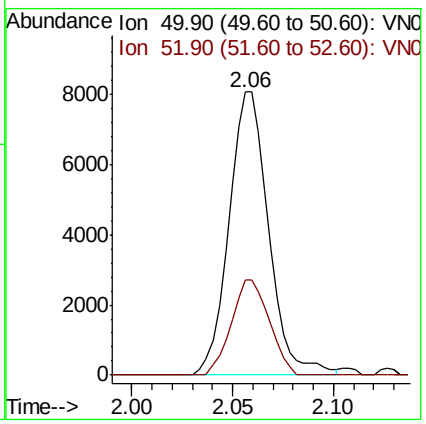


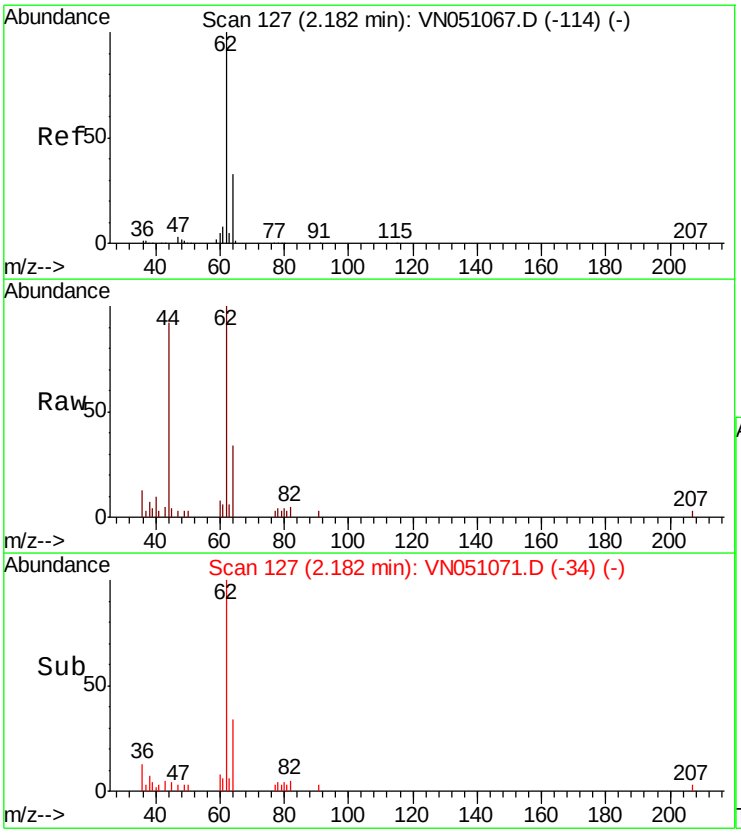

#3
Chloromethane
Concen: 1.304 ug/l
RT: 2.06 min Scan# 88
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 50 Resp: 11087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.4 | 26.0 | 39.0 |

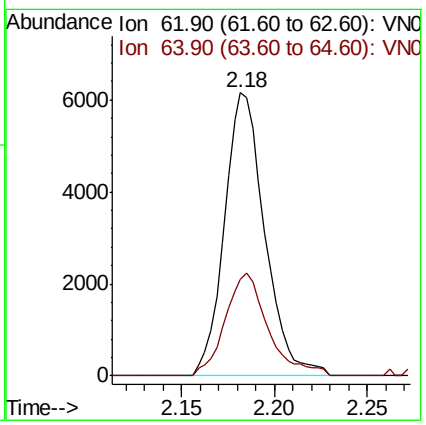


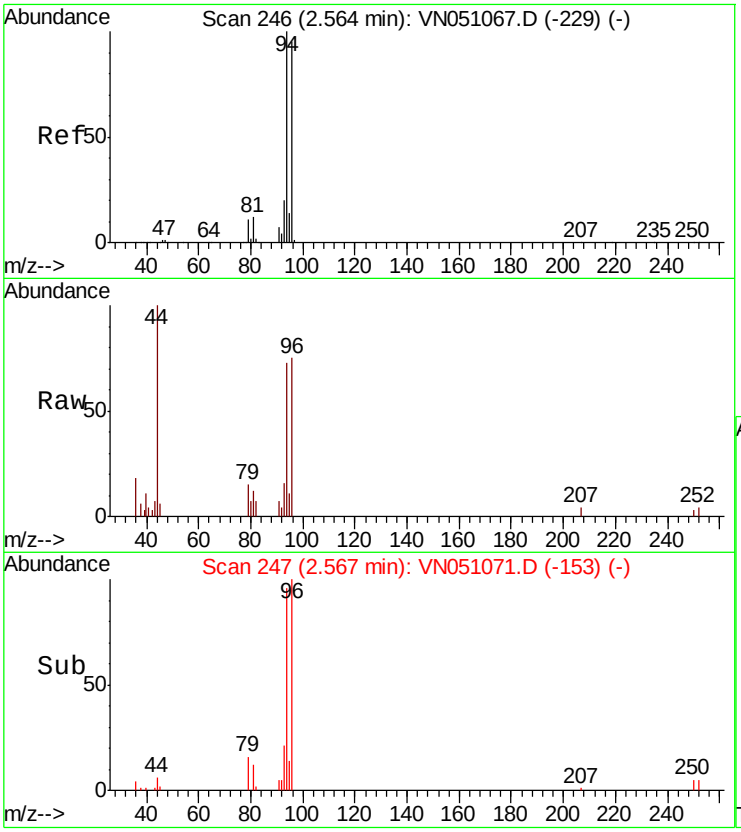




#4
Vinyl Chloride
Concen: 1.135 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 62 Resp: 9309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 34.0 | 26.2 | 39.4 |



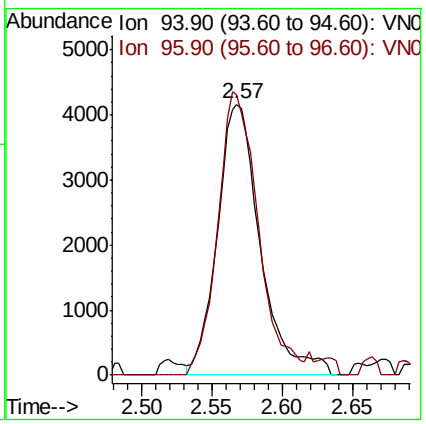


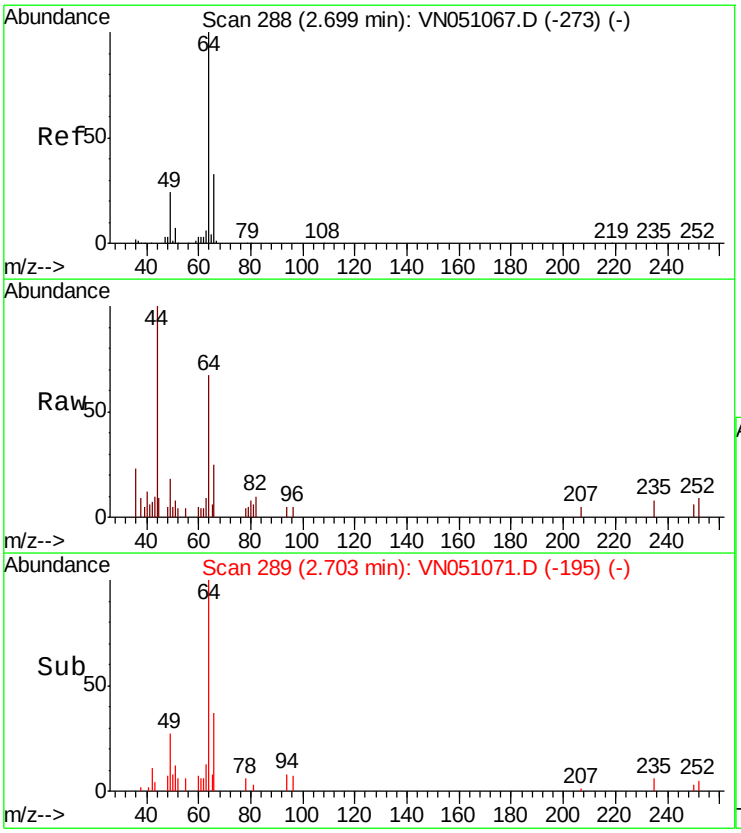

#5
Bromomethane
Concen: 1.609 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 94 Resp: 8843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 103.7 | 75.9 | 113.9 |

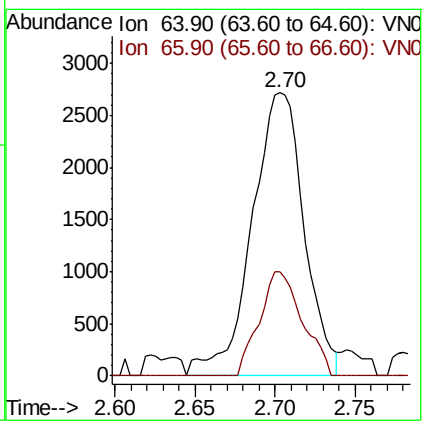


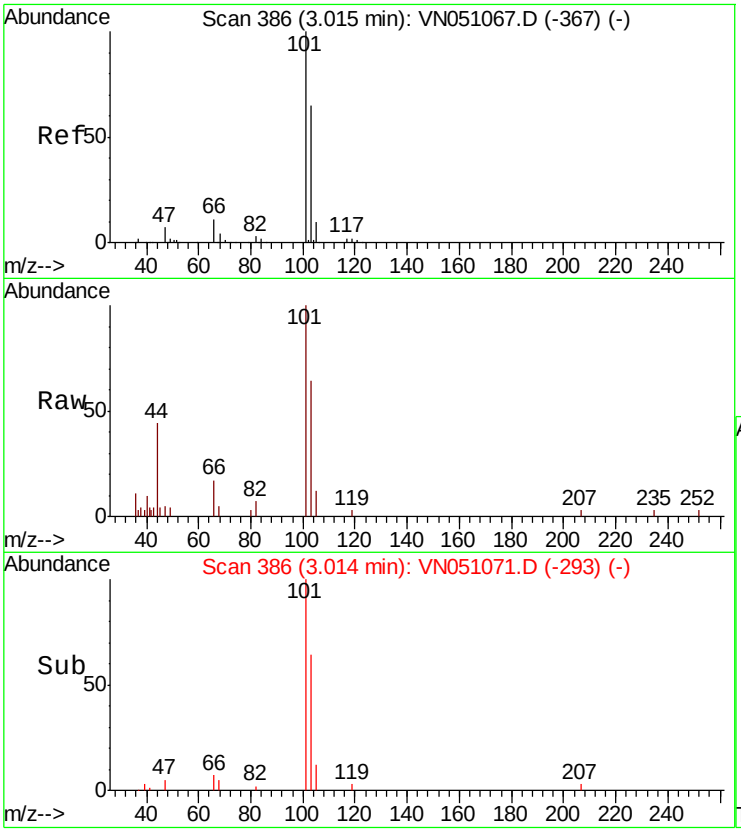




#6
Chloroethane
Concen: 1.207 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 64 Resp: 6111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 36.8 | 26.1 | 39.1 |



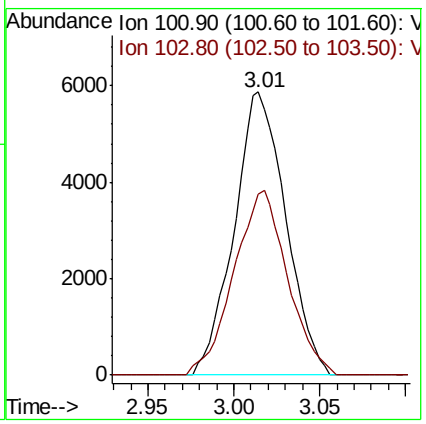


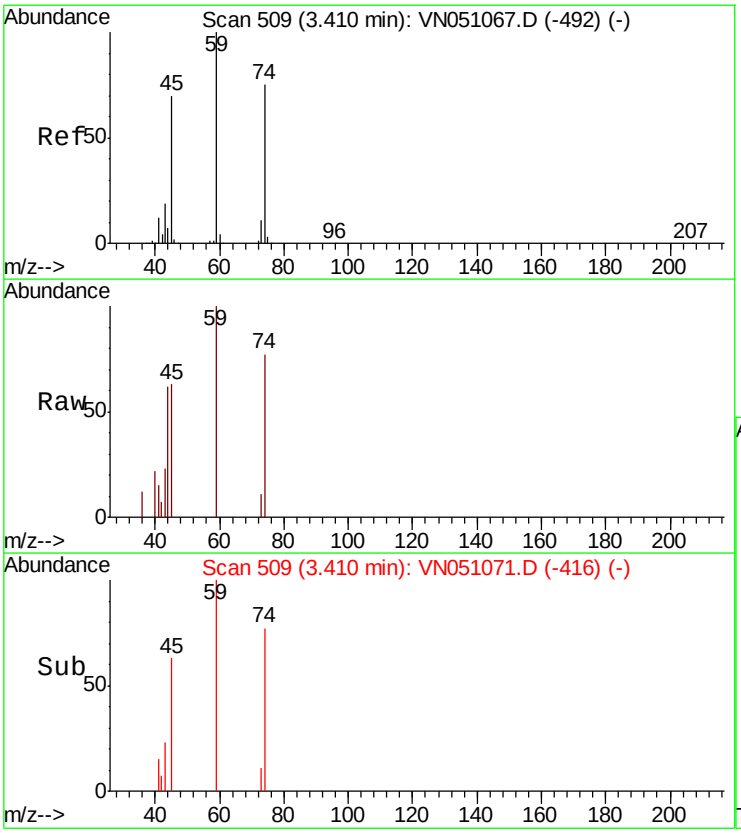

#7
Trichlorofluoromethane
Concen: 1.126 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:101 Resp: 12230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.1 | 52.4 | 78.6 |

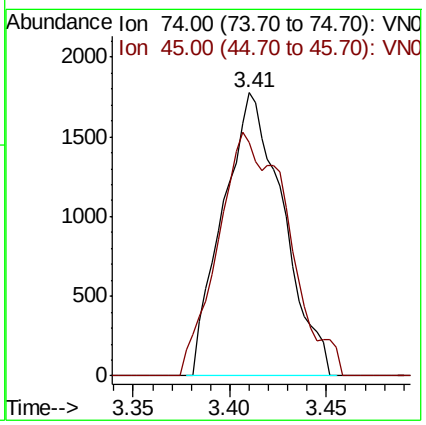


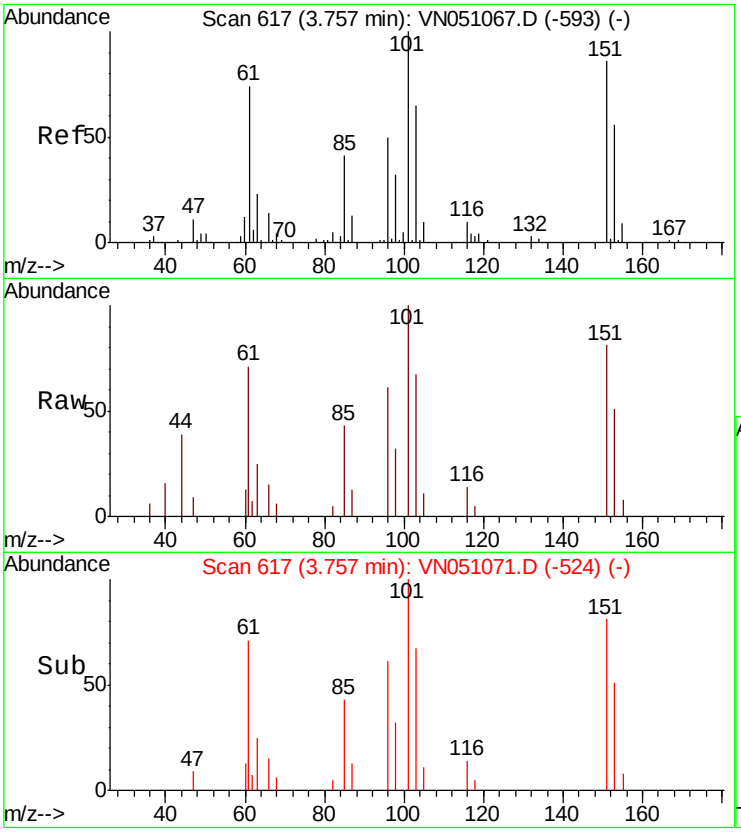




#8
Diethyl Ether
Concen: 0.961 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 74 Resp: 3841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 100.4 | 46.7 | 140.0 |



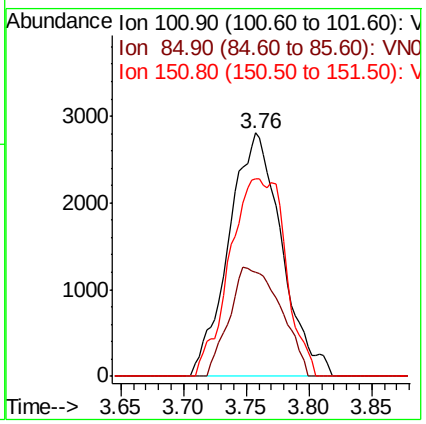


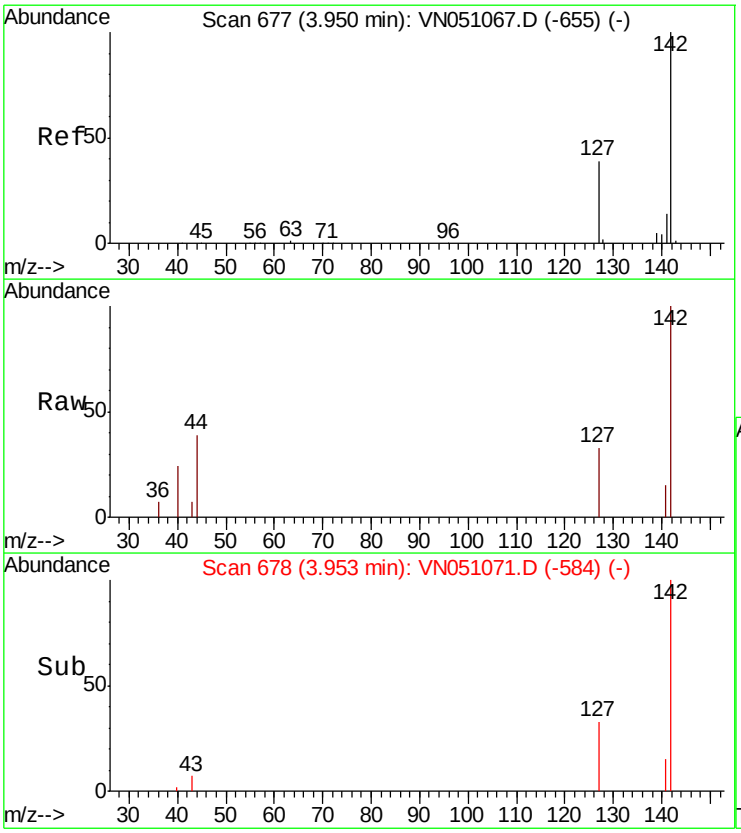

#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.177 ug/l
RT: 3.76 min Scan# 617
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:101 Resp: 8245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.3 | 33.3 | 49.9 |
| 151 | 85.5 | 68.2 | 102.2 |

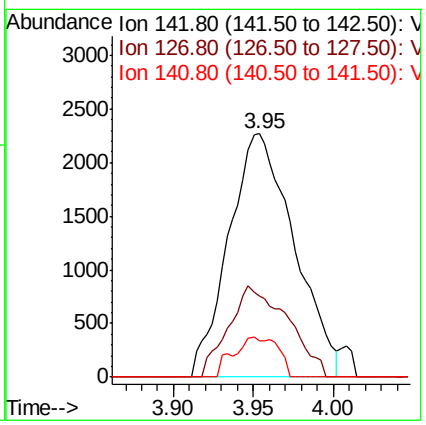


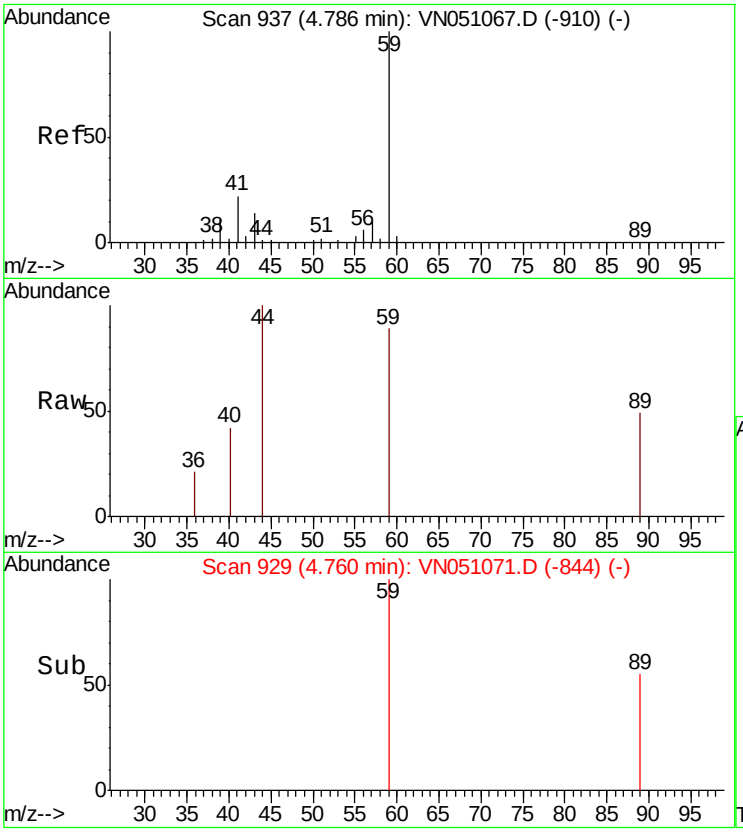




#10
Methyl Iodide
Concen: 1.063 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:142 Resp: 6362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 34.0 | 31.0 | 46.4 |
| 141 | 11.0 | 11.3 | 16.9# |



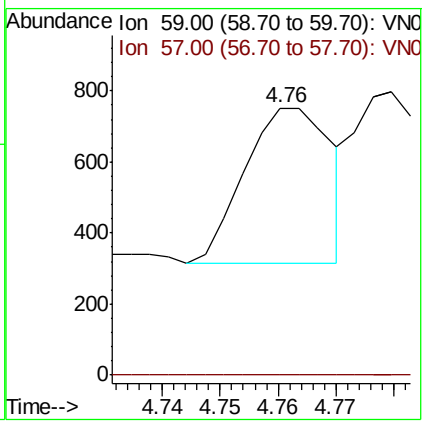


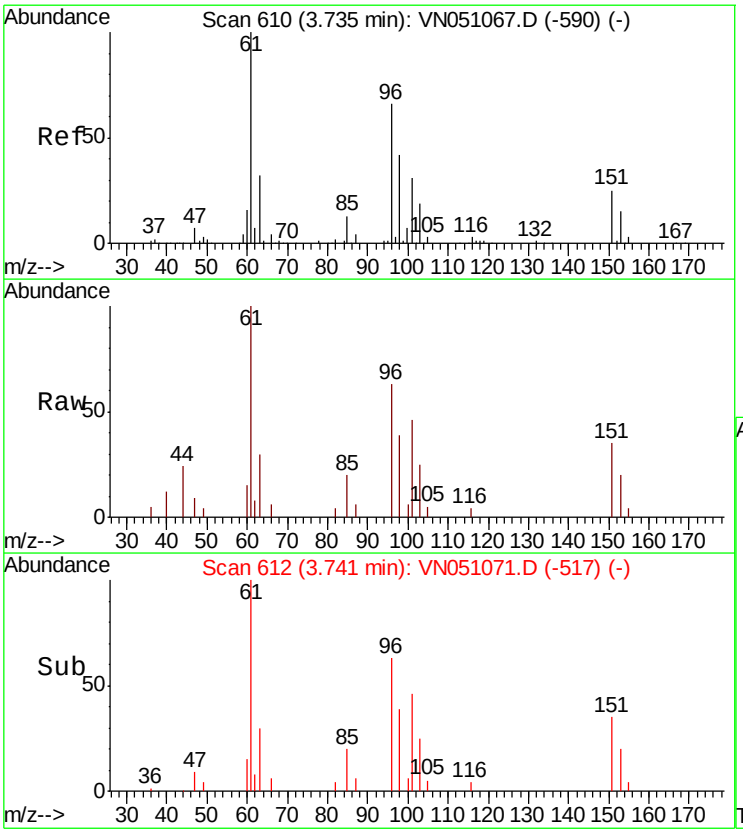

#11
Tert butyl alcohol
Concen: 0.868 ug/l
RT: 4.76 min Scan# 929
Delta R.T. -0.03 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 59 Resp: 457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.1 | 12.1# |

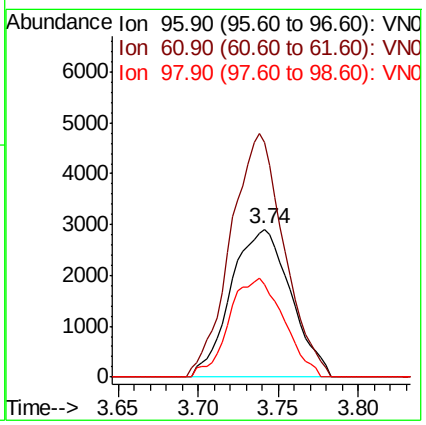


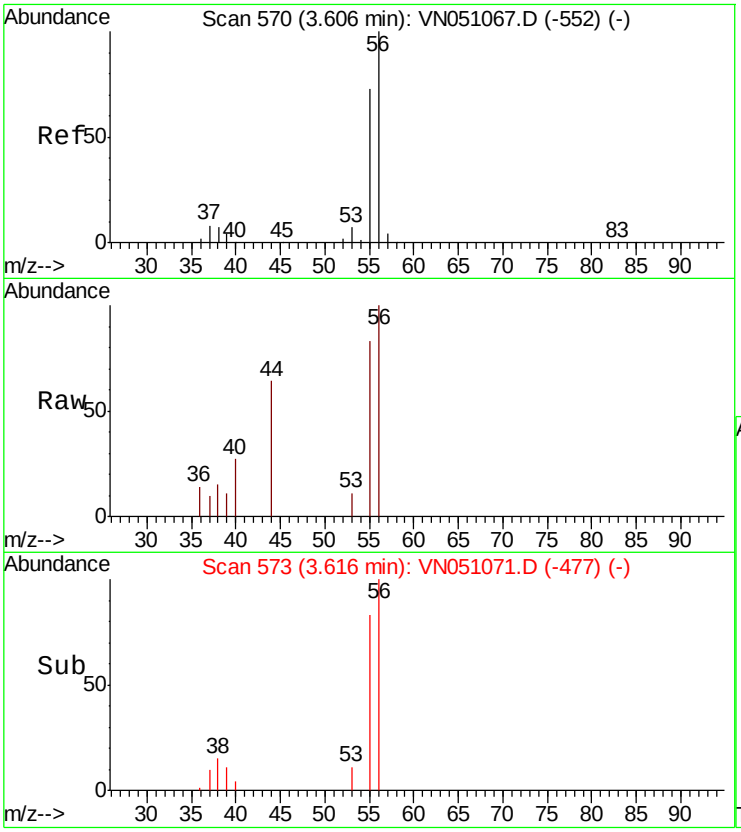




#12
1,1-Dichloroethene
Concen: 1.130 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 96 Resp: 7465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 158.8 | 120.3 | 180.5 |
| 98 | 62.4 | 50.8 | 76.2 |



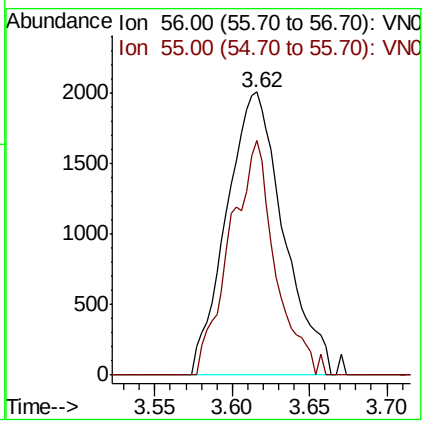


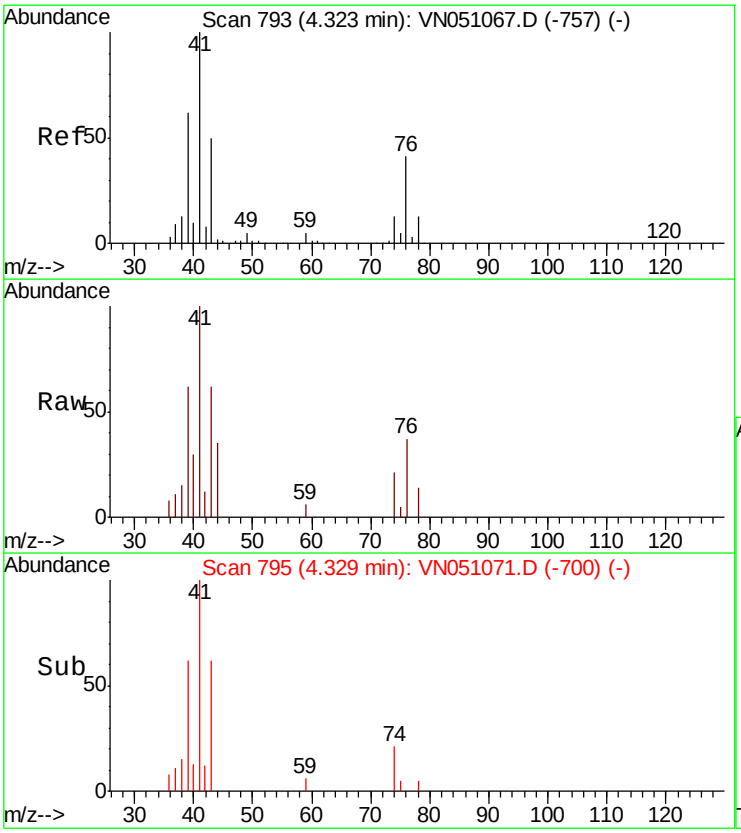

#13
Acrolein
Concen: 8.576 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 56 Resp: 5151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 66.1 | 58.0 | 87.0 |

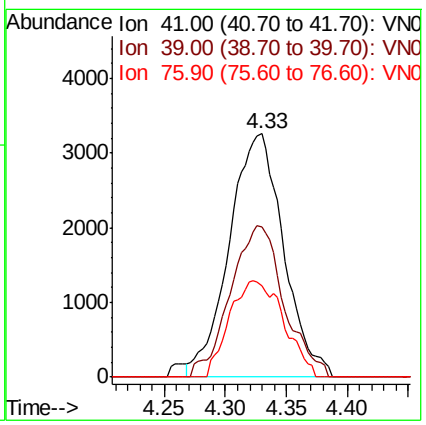


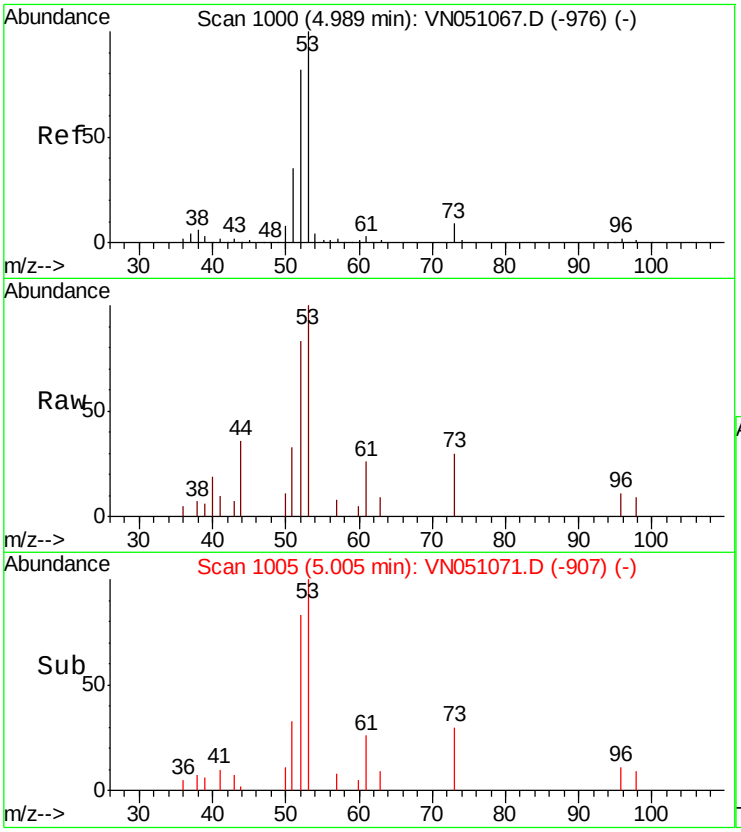




#14
Allyl chloride
Concen: 0.996 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 41 Resp: 10030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 61.4 | 48.8 | 73.2 |
| 76 | 39.7 | 30.6 | 45.8 |



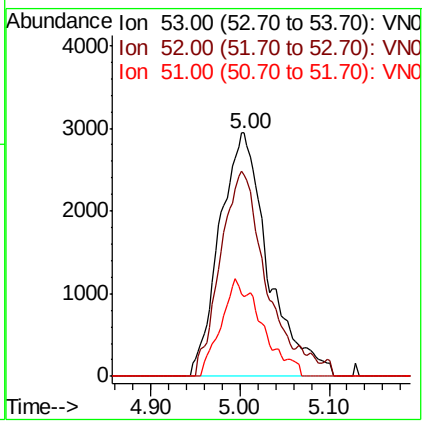


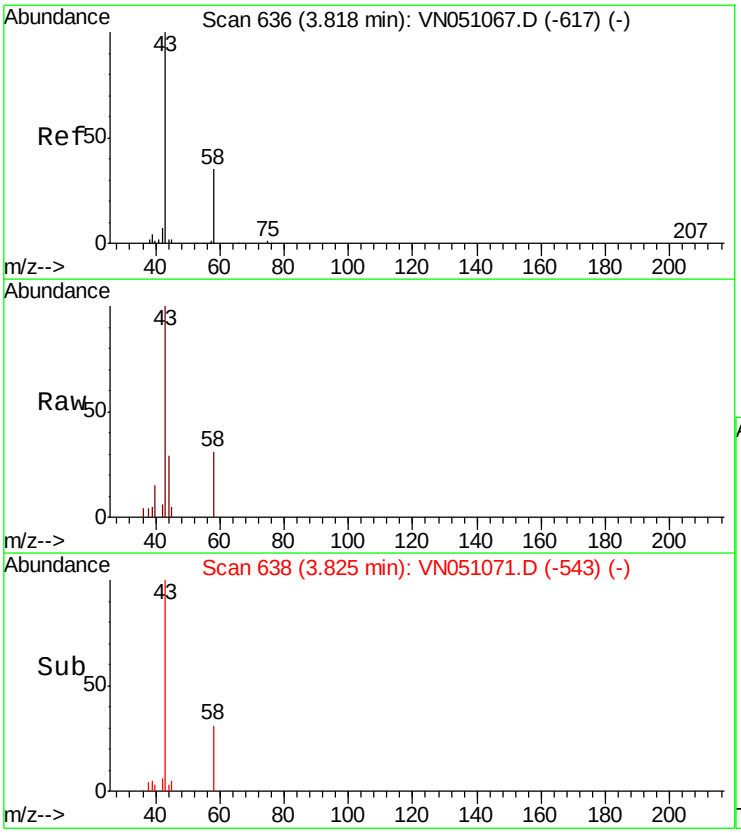

#15
Acrylonitrile
Concen: 4.766 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.02 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 53 Resp: 11119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 75.9 | 65.3 | 97.9 |
| 51 | 18.3 | 28.2 | 42.2# |

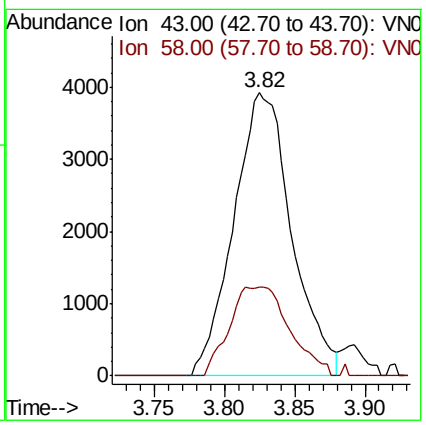


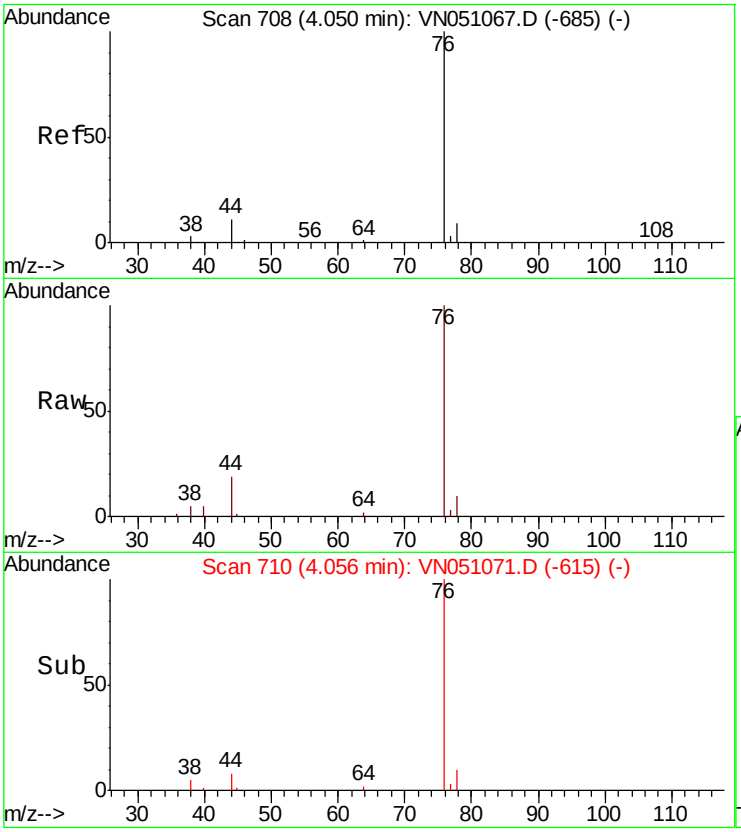




#16
Acetone
Concen: 5.883 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 43 Resp: 11267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.3 | 27.8 | 41.6 |



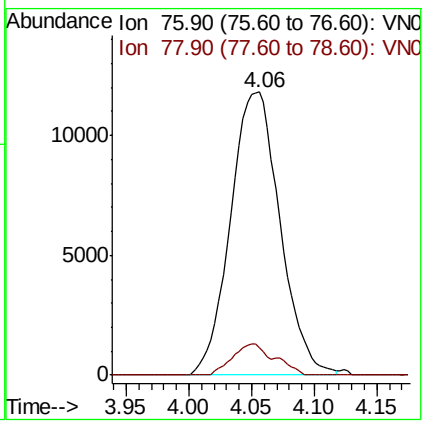


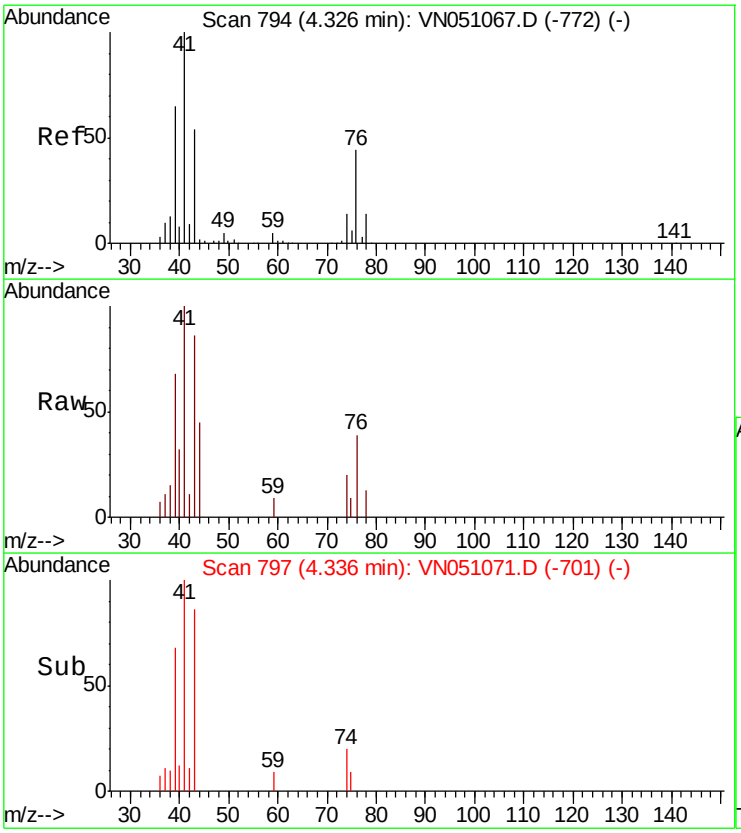

#17
Carbon Disulfide
Concen: 1.492 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 76 Resp: 32447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.8 | 7.0 | 10.6 |

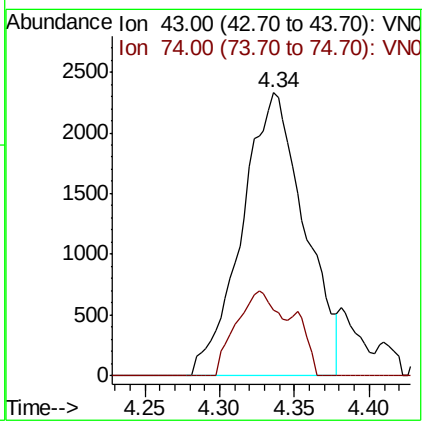


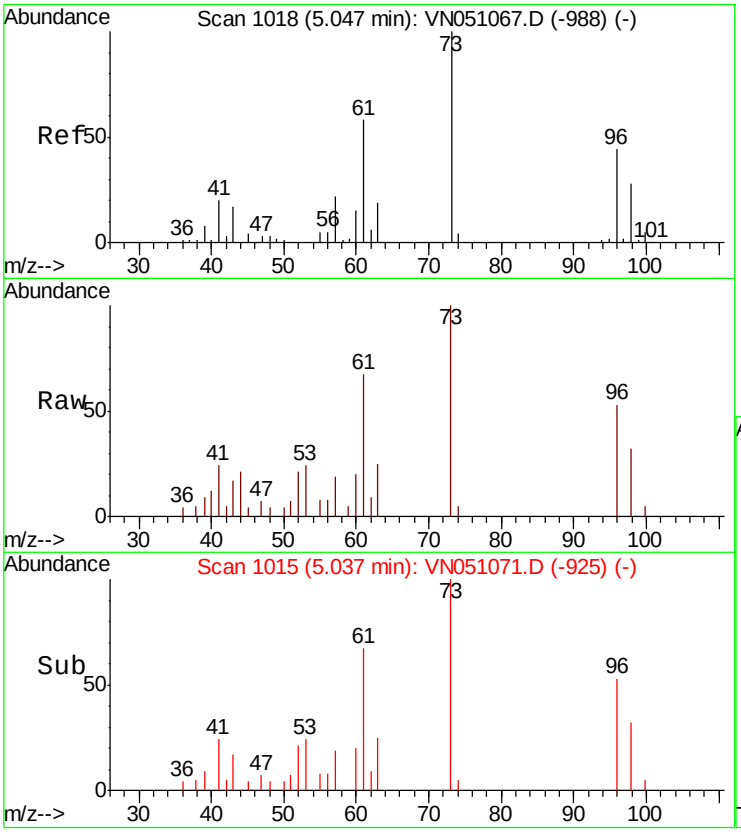




#18
Methyl Acetate
Concen: 1.227 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 43 Resp: 6773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 21.2 | 20.7 | 31.1 |



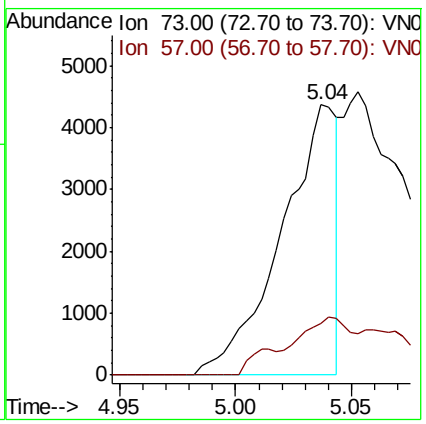


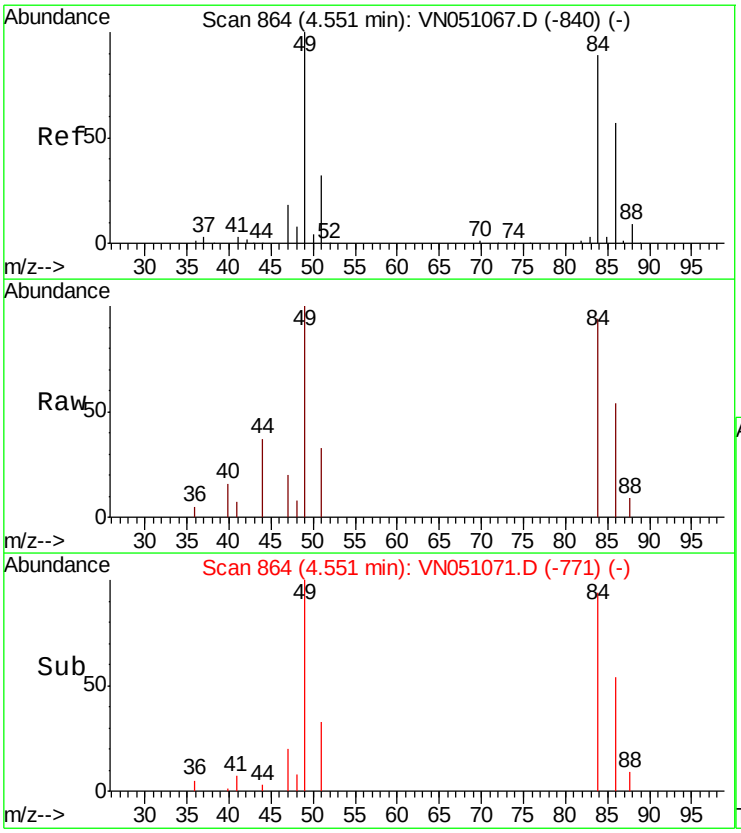

#19
Methyl tert-butyl Ether
Concen: 0.454 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 73 Resp: 7199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 19.3 | 17.9 | 26.9 |

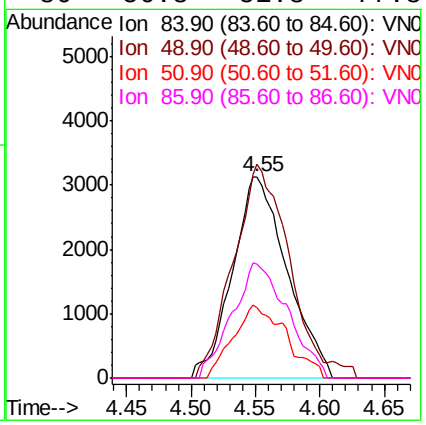


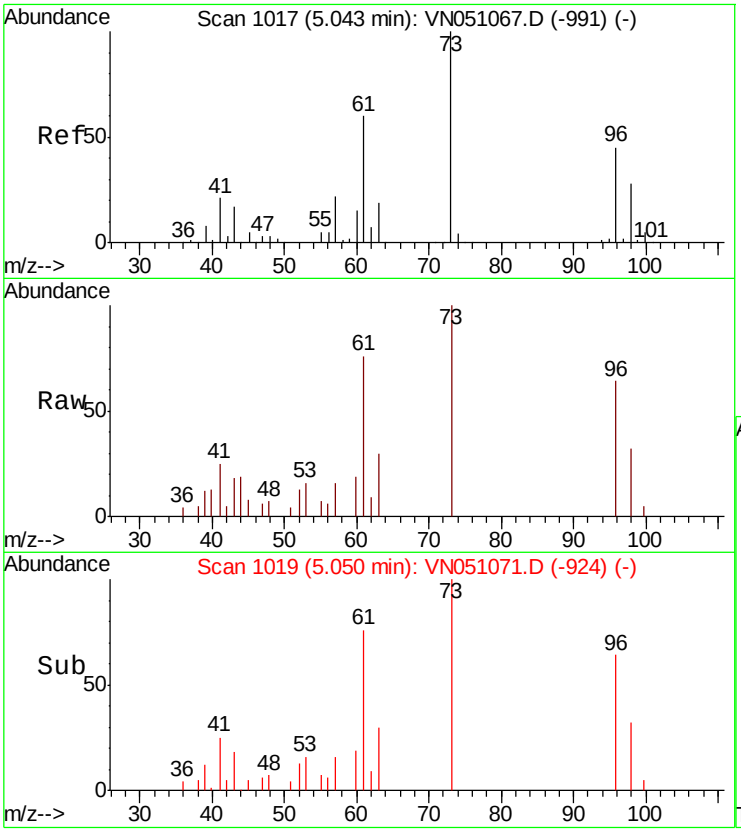




#20
Methylene Chloride
Concen: 1.209 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 84 Resp: 9207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 106.1 | 90.2 | 135.2 |
| 51 | 35.2 | 28.4 | 42.6 |
| 86 | 56.8 | 51.8 | 77.8 |



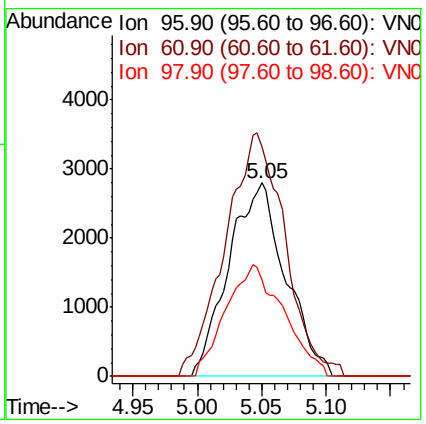


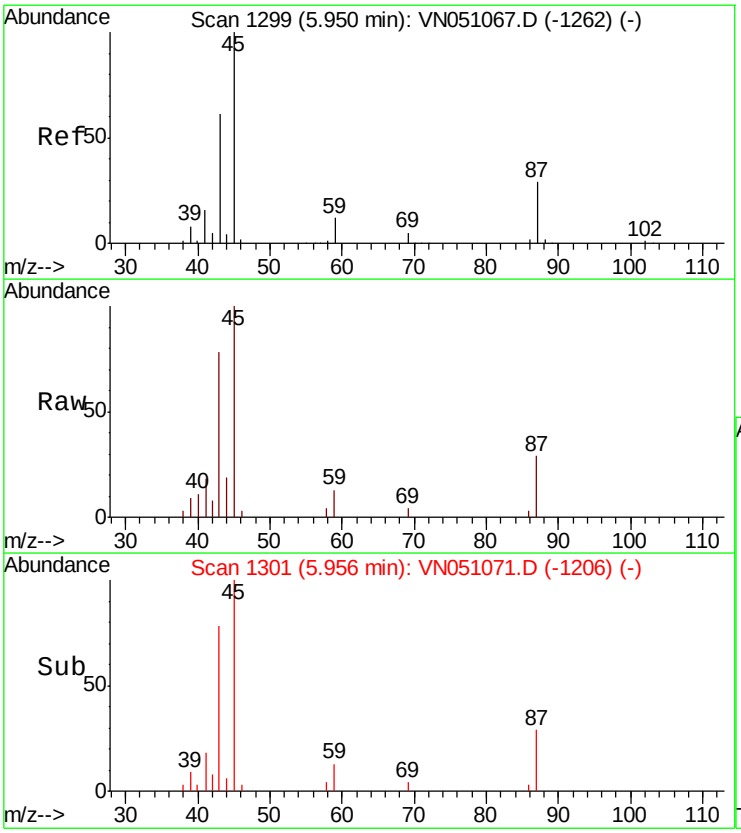

#21
trans-1,2-Dichloroethene
Concen: 1.201 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 96 Resp: 8606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 112.2 | 106.5 | 159.7 |
| 98 | 49.8 | 50.4 | 75.6# |

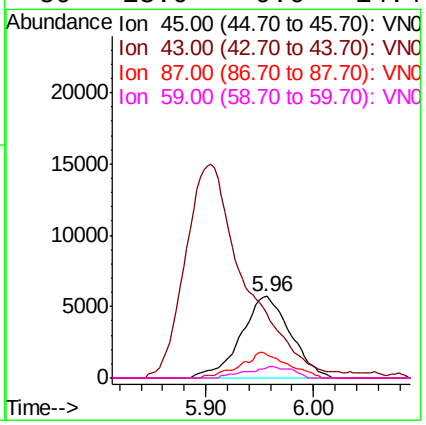


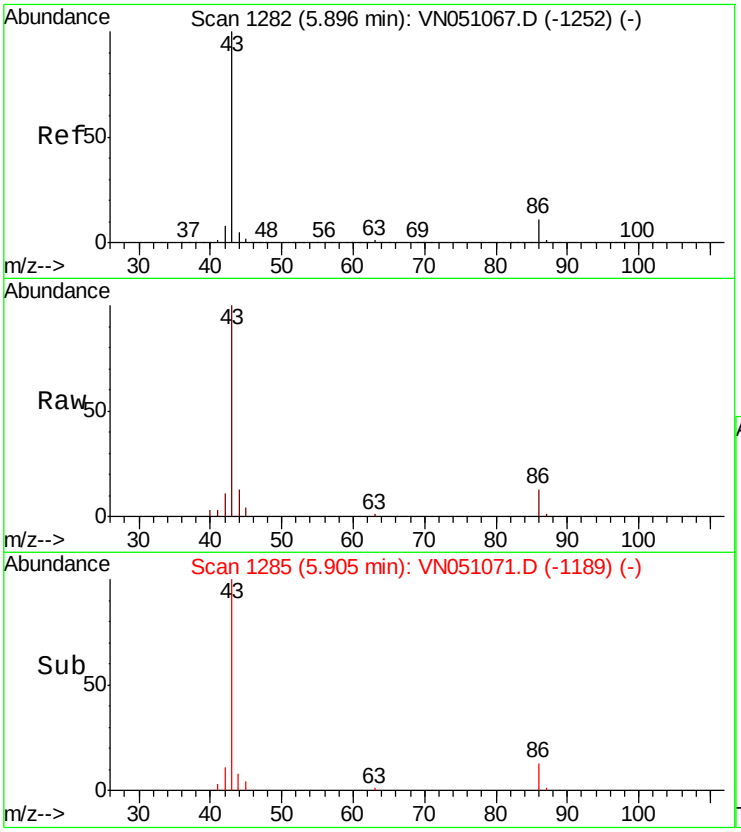




#22
Diisopropyl ether
Concen: 0.908 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 45 Resp: 18153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 69.8 | 48.8 | 73.2 |
| 87 | 28.9 | 23.8 | 35.8 |
| 59 | 13.0 | 9.6 | 14.4 |



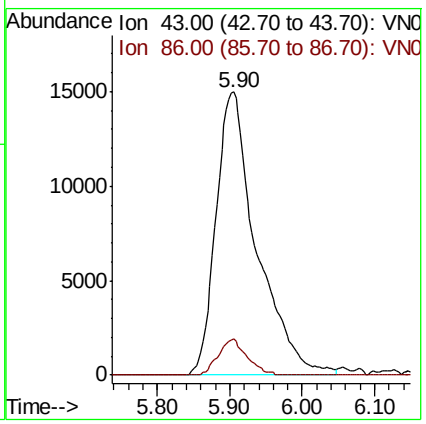


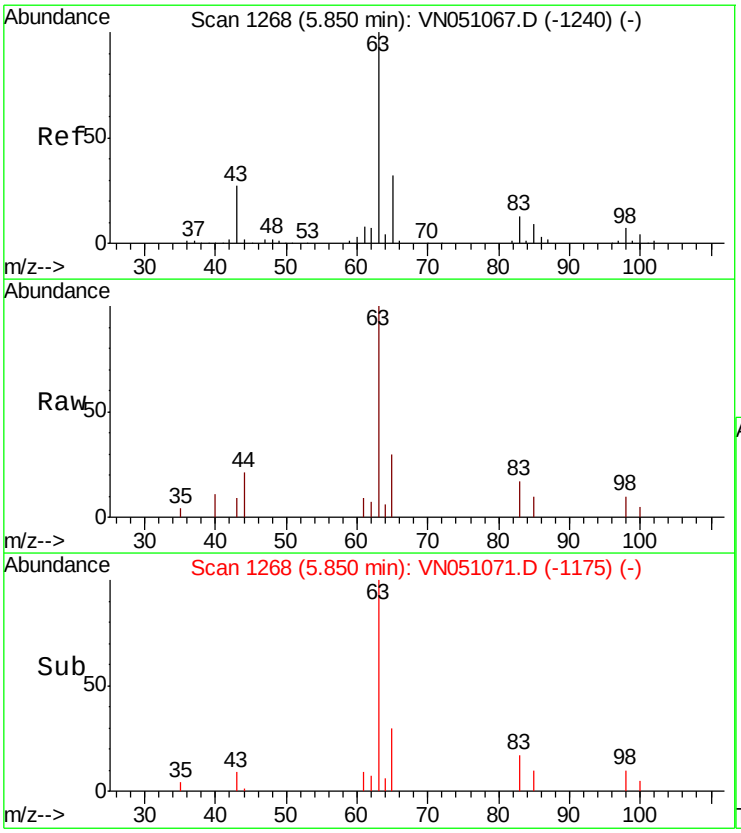

#23
Vinyl Acetate
Concen: 4.324 ug/l
RT: 5.90 min Scan# 1285
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 58470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 12.8 | 9.2 | 13.8 |

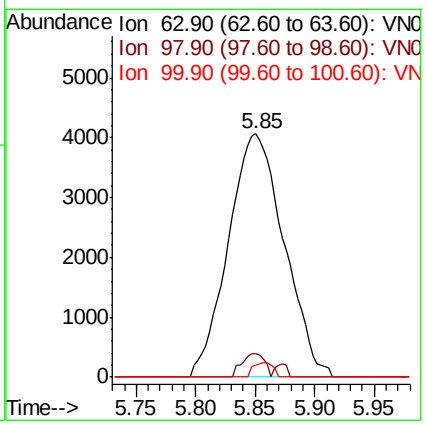


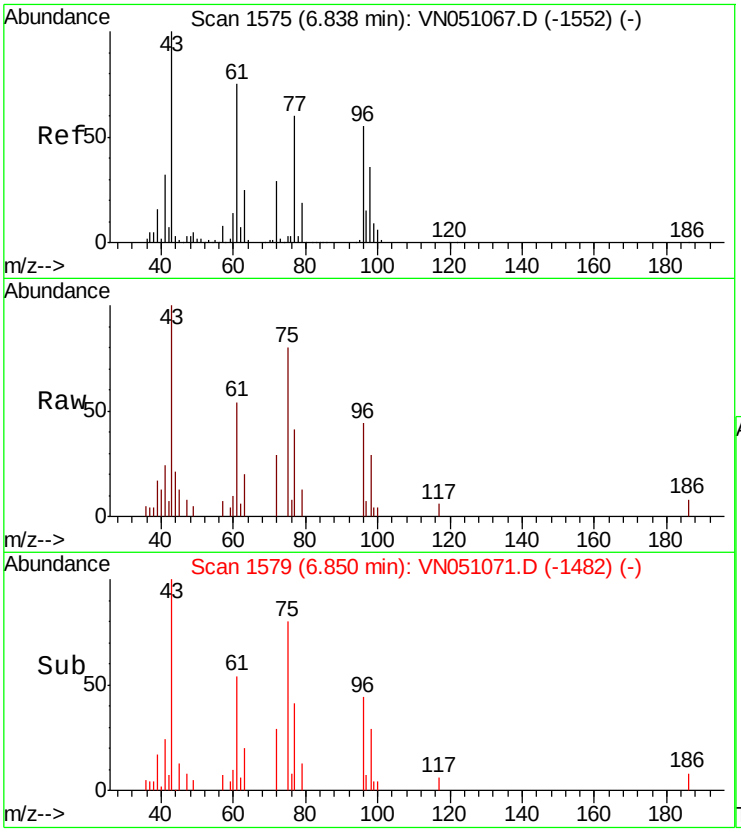




#24
1,1-Dichloroethane
Concen: 1.037 ug/l
RT: 5.85 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 63 Resp: 13151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 9.7 | 3.4 | 10.1 |
| 100 | 5.1 | 2.1 | 6.3 |



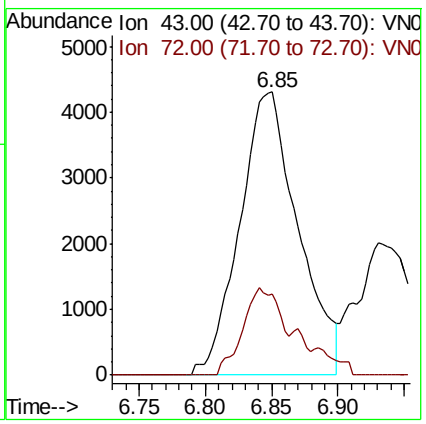


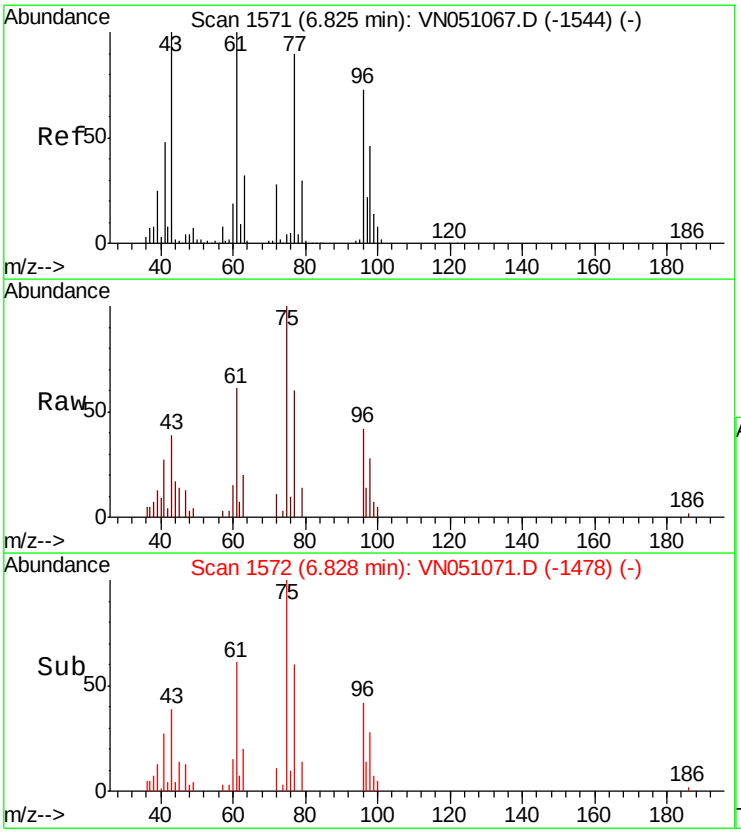

#25
2-Butanone
Concen: 4.874 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 43 Resp: 13210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.7 | 23.0 | 34.6 |

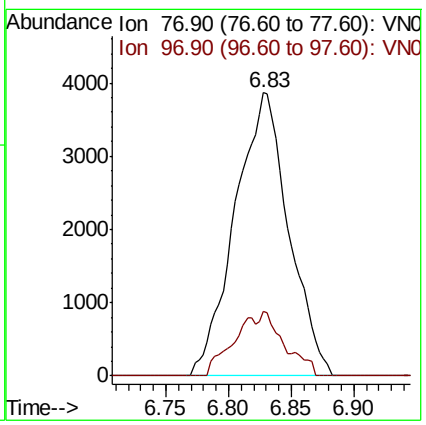


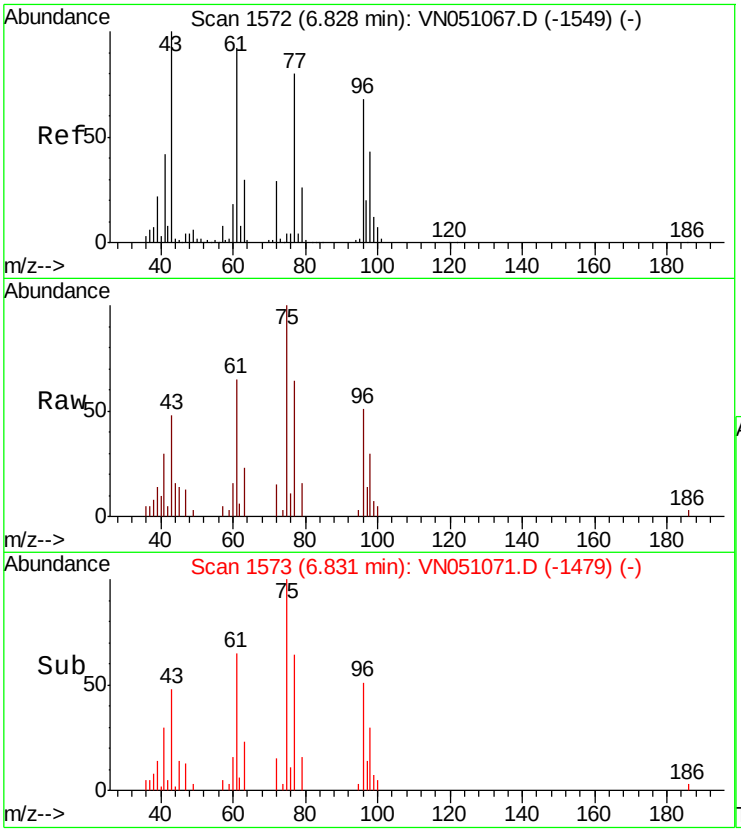




#26
2,2-Dichloropropane
Concen: 1.110 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 77 Resp: 11518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 9.9 | 12.1 | 36.3# |



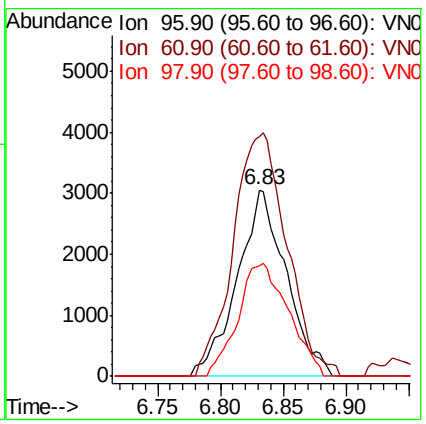


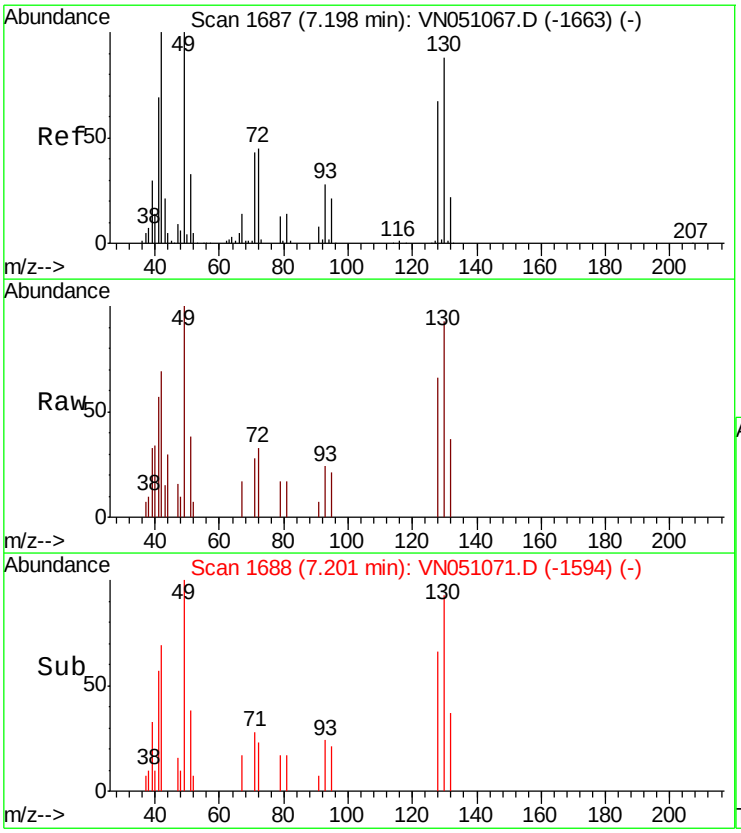

#27
cis-1,2-Dichloroethene
Concen: 1.055 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 96 Resp: 8296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.8 | 0.0 | 278.2 |
| 98 | 62.3 | 0.0 | 129.4 |

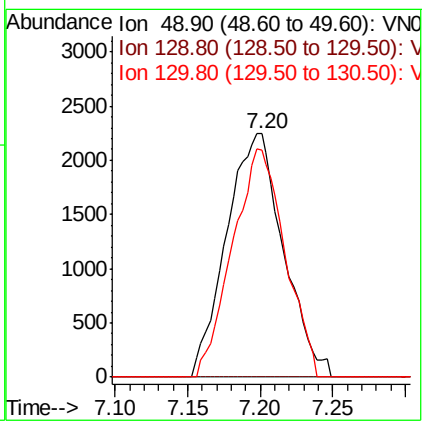


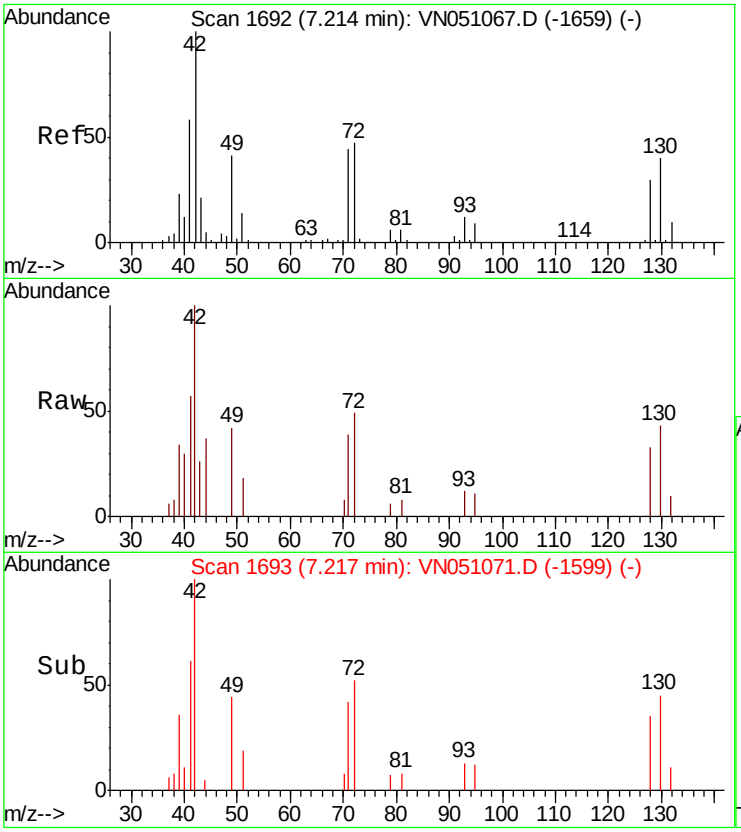




#28
Bromochloromethane
Concen: 1.086 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 49 Resp: 6126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.4 |
| 130 | 86.5 | 70.7 | 106.1 |



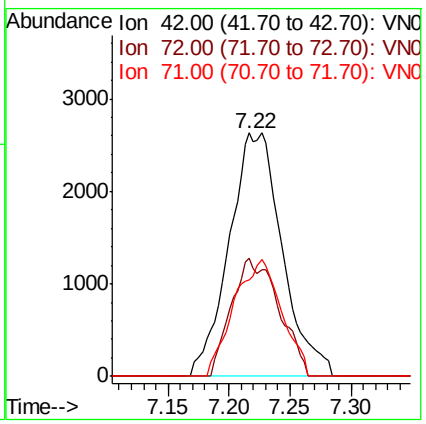


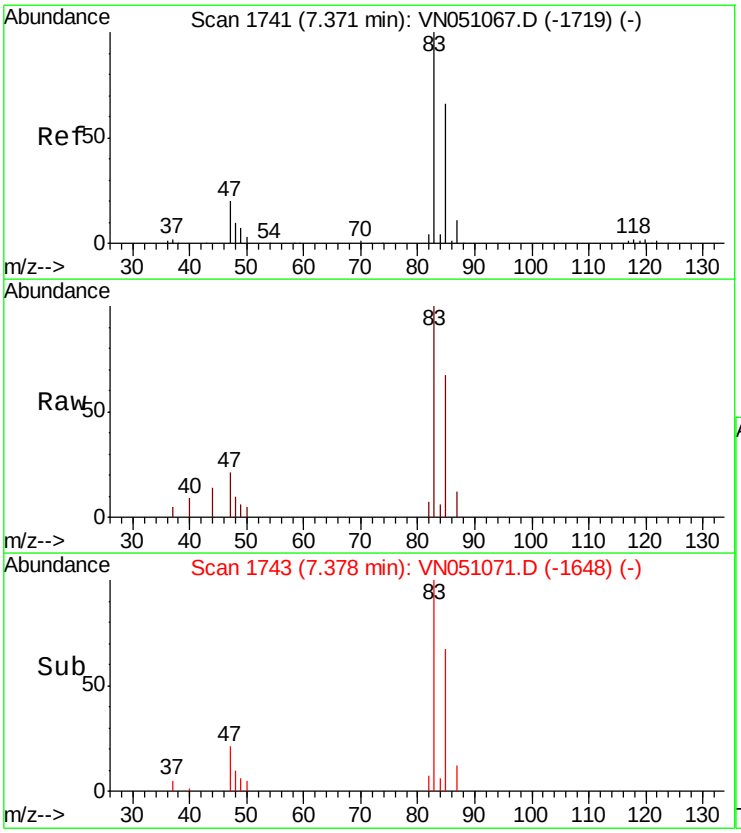

#29
Tetrahydrofuran
Concen: 4.684 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 42 Resp: 7928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 43.6 | 37.4 | 56.0 |
| 71 | 43.0 | 34.7 | 52.1 |

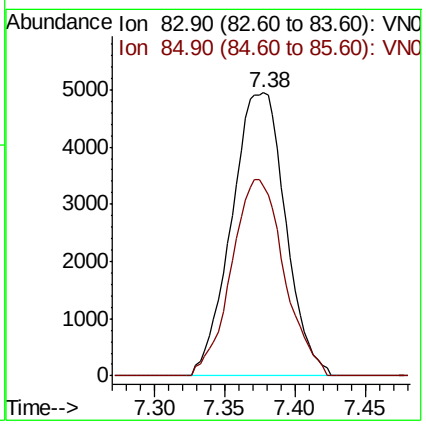


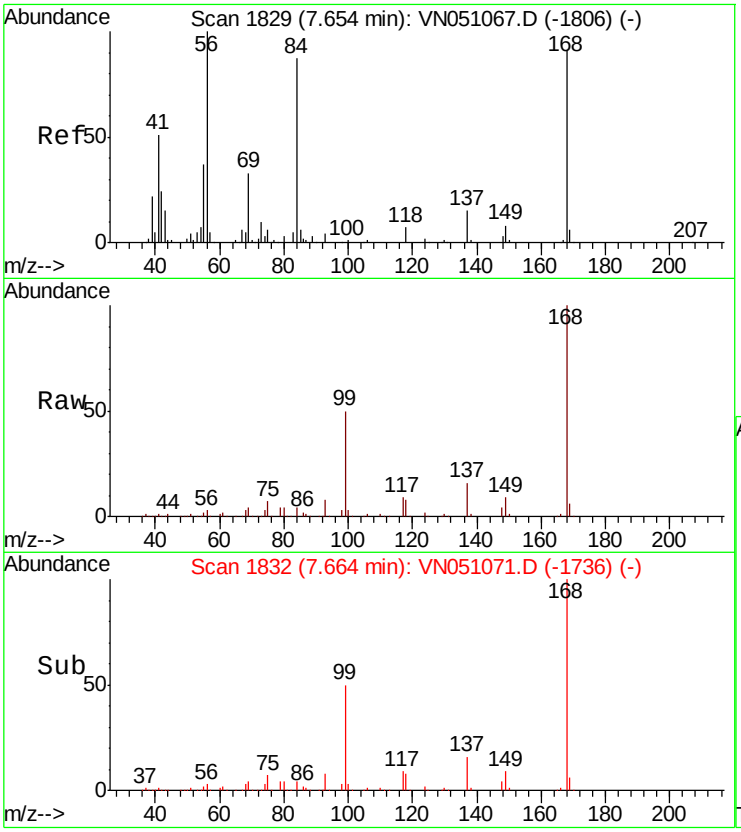




#30
Chloroform
Concen: 1.048 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 83 Resp: 13219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.0 | 52.6 | 79.0 |



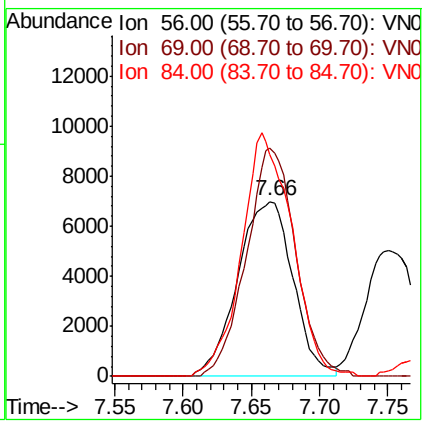


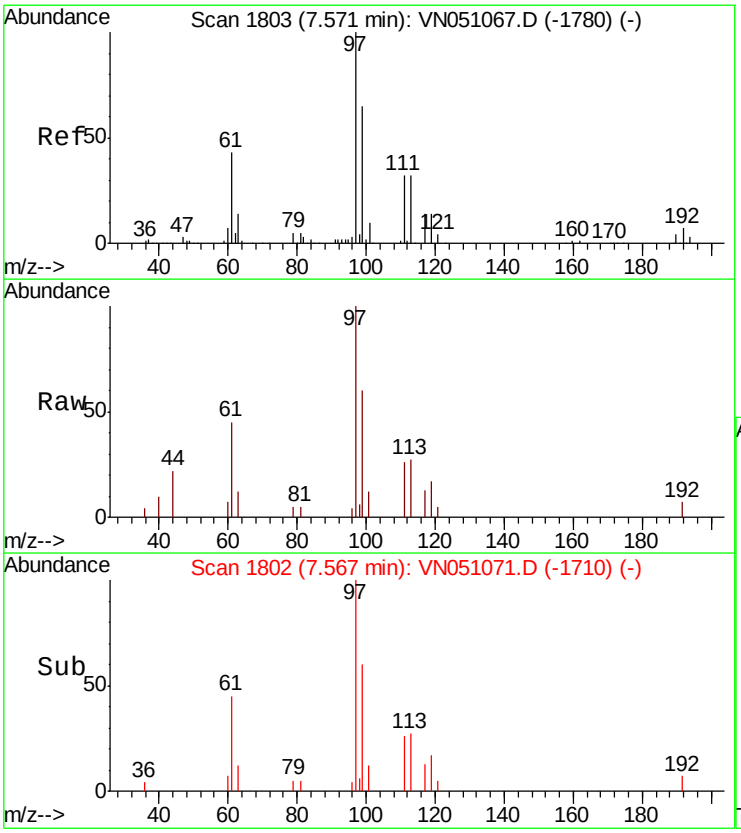

#31
Cyclohexane
Concen: 1.536 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 56 Resp: 19697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 130.8 | 26.3 | 39.5# |
| 84 | 126.8 | 69.4 | 104.0# |

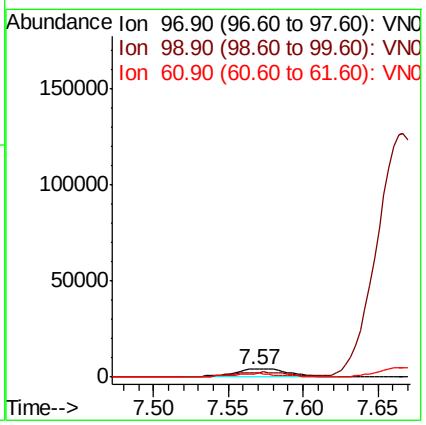


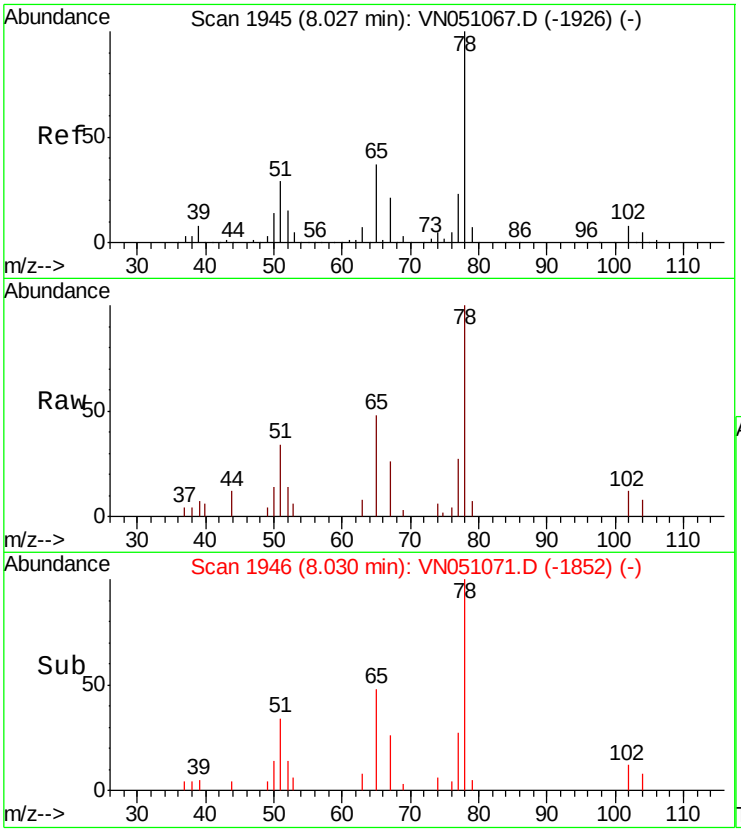




#32
1,1,1-Trichloroethane
Concen: 1.028 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 97 Resp: 11047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 0.0 | 51.6 | 77.4# |
| 61 | 42.2 | 33.8 | 50.6 |



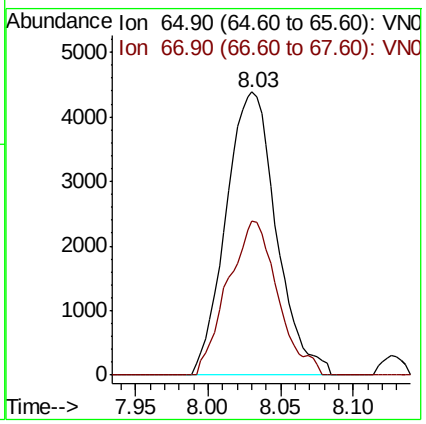


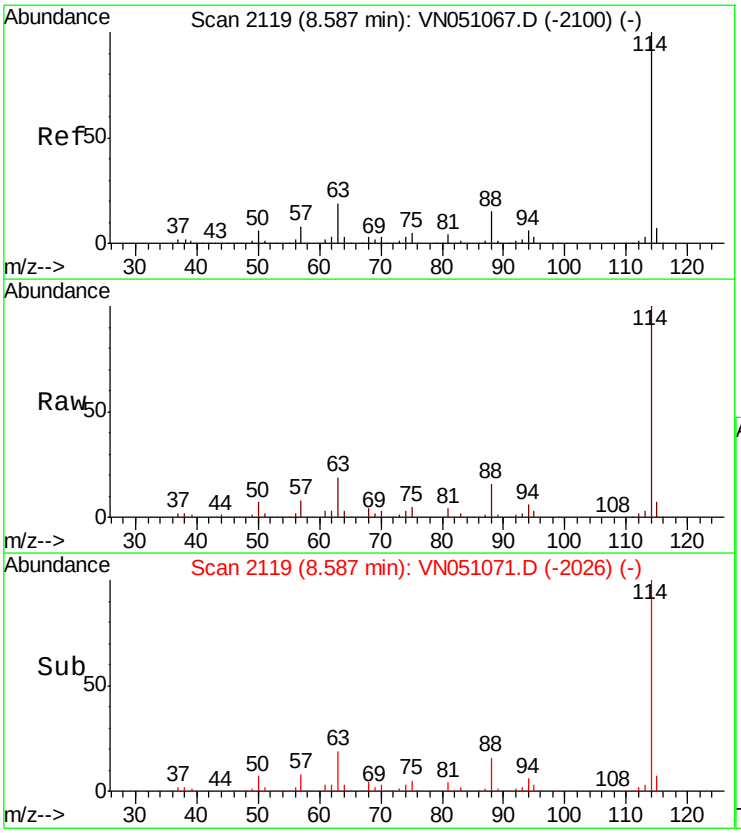

#33
1,2-Dichloroethane-d4
Concen: 1.535 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 65 Resp: 10585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.9 | 0.0 | 112.0 |

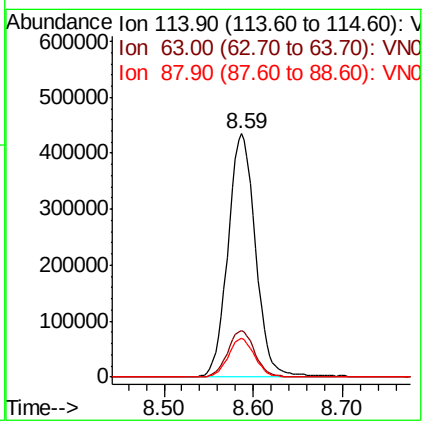


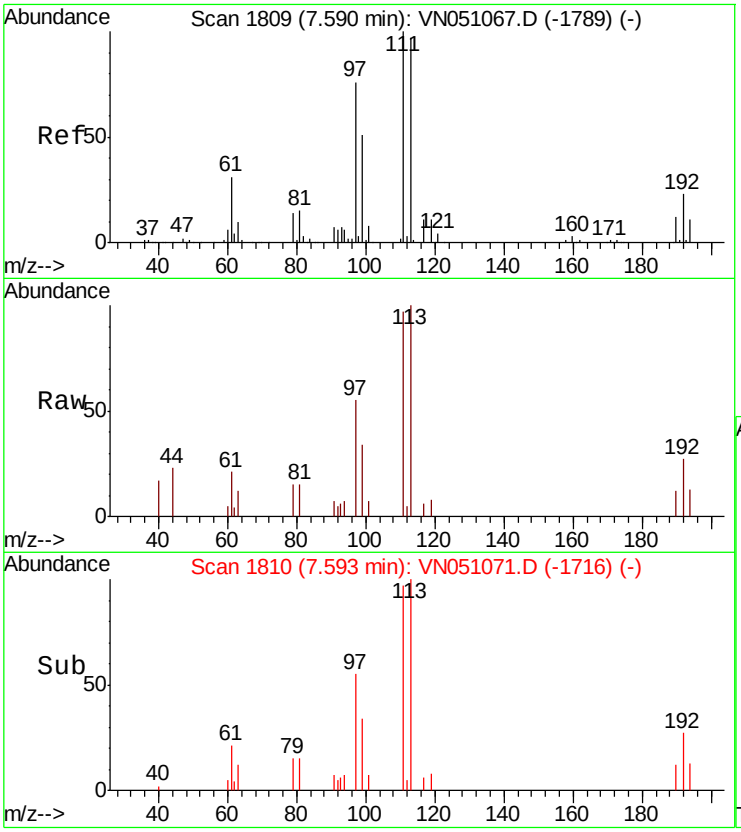




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:114 Resp: 931400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.1 | 0.0 | 37.8 |
| 88 | 16.0 | 0.0 | 30.8 |



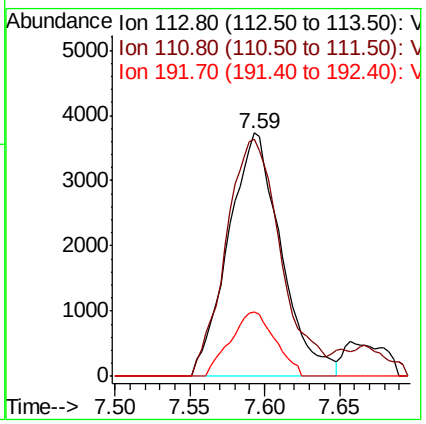


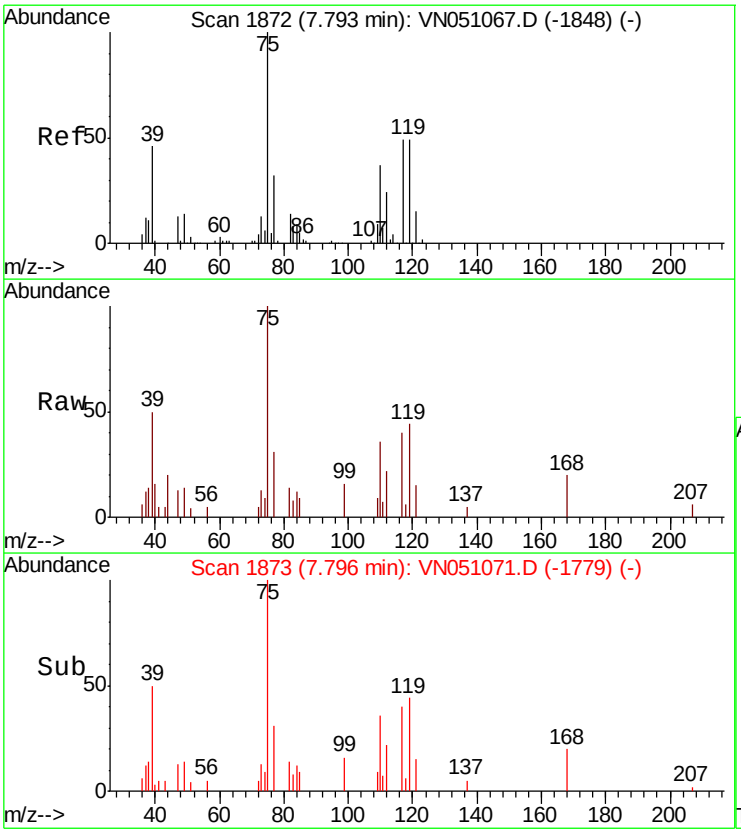

#35
Dibromofluoromethane
Concen: 1.306 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:113 Resp: 9143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.3 | 83.0 | 124.6 |
| 192 | 22.5 | 18.7 | 28.1 |

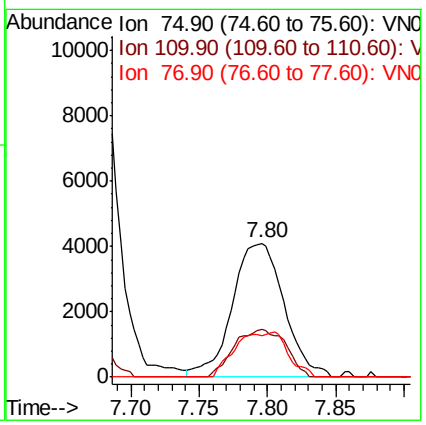


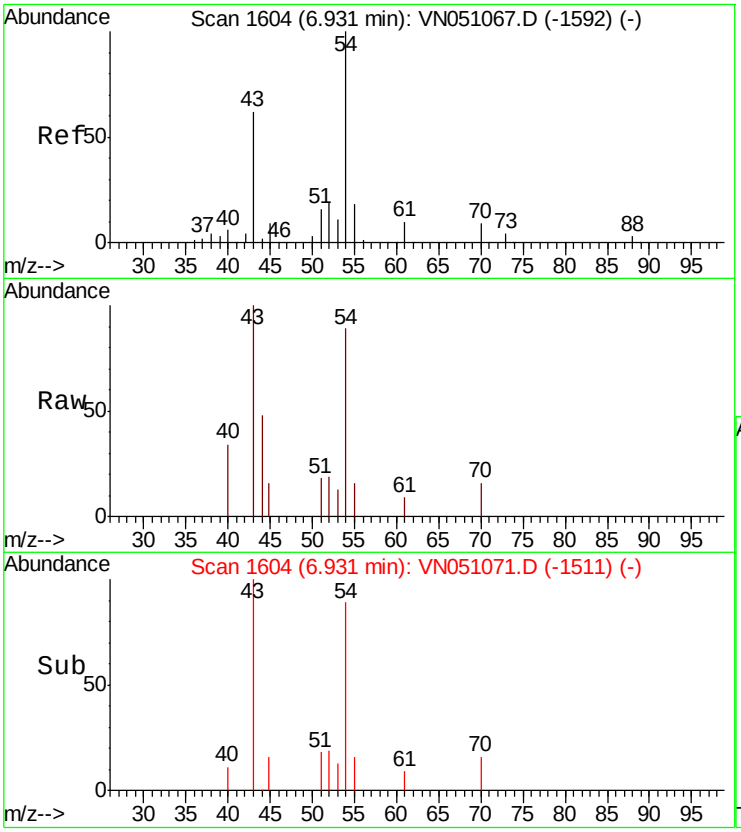




#36
1,1-Dichloropropene
Concen: 1.061 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 75 Resp: 10845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.4 | 18.6 | 55.8 |
| 77 | 18.4 | 25.2 | 37.8# |



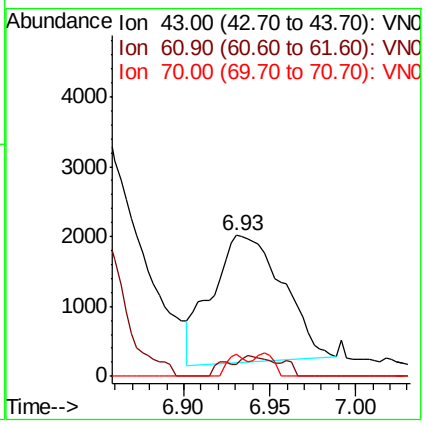


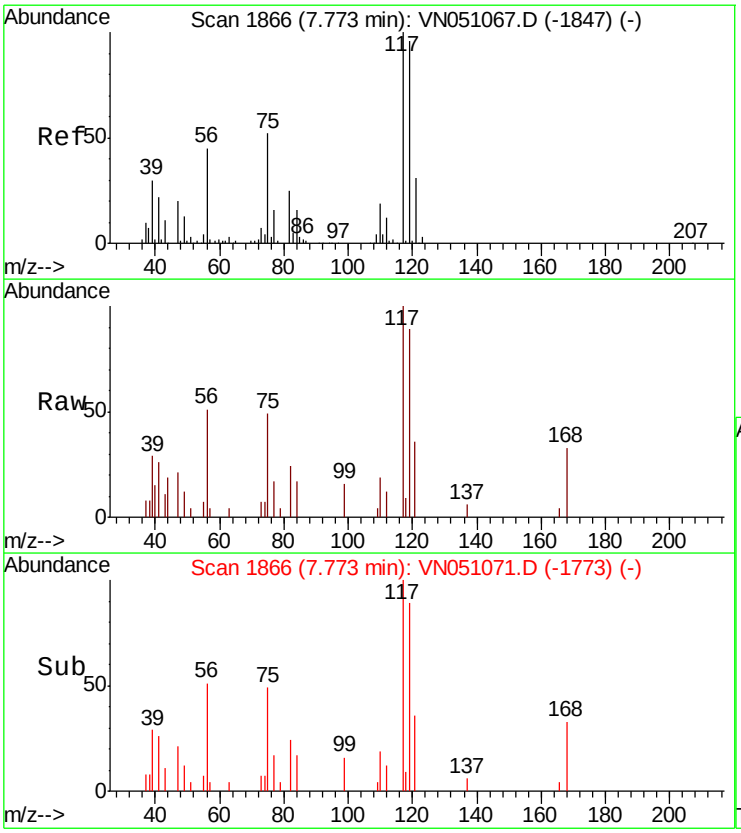

#37
Ethyl Acetate
Concen: 0.881 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 5219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 12.4 | 18.6# |
| 70 | 4.6 | 9.3 | 13.9# |

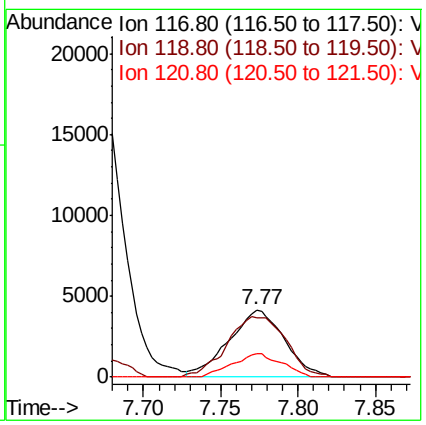


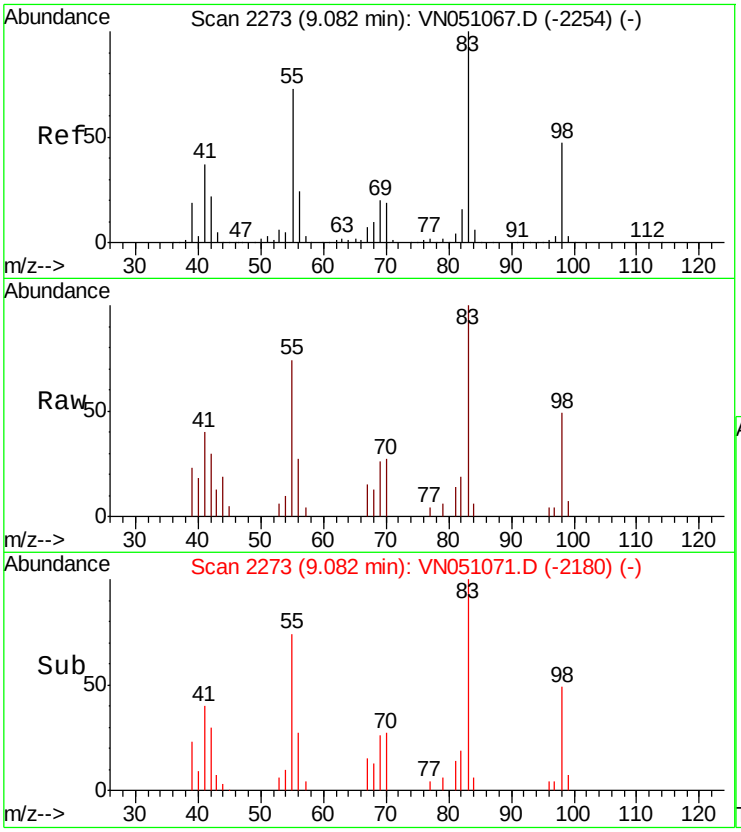




#38
Carbon Tetrachloride
Concen: 1.032 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:117 Resp: 10387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 89.1 | 76.8 | 115.2 |
| 121 | 35.5 | 24.6 | 36.8 |



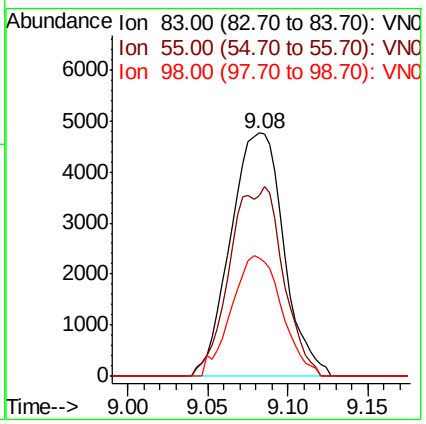


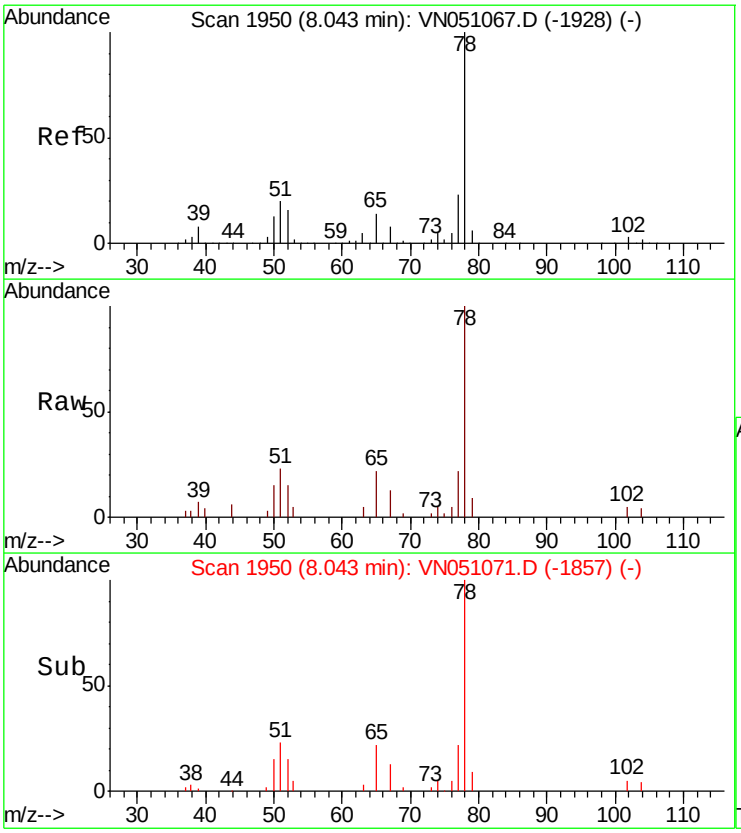

#39
Methylcyclohexane
Concen: 0.960 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 83 Resp: 10826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.4 | 58.4 | 87.6 |
| 98 | 48.7 | 37.3 | 55.9 |

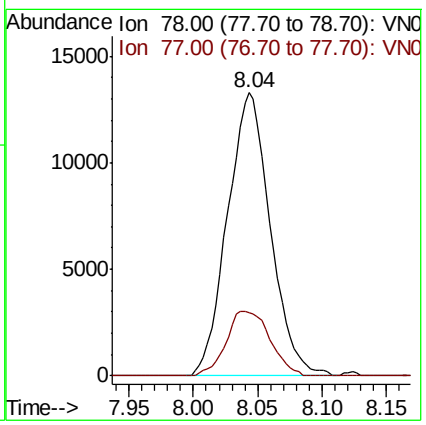


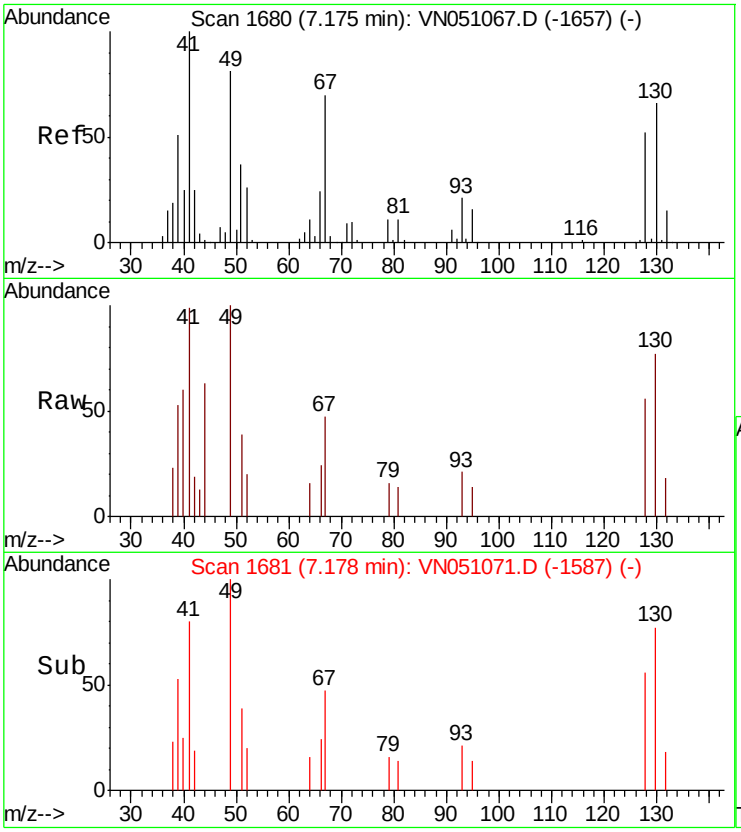




#40
Benzene
Concen: 0.996 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 78 Resp: 30697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.5 | 18.6 | 27.8 |



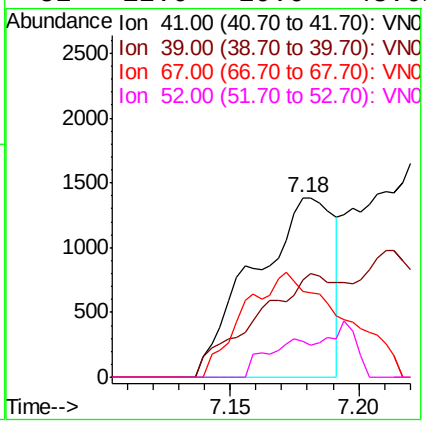


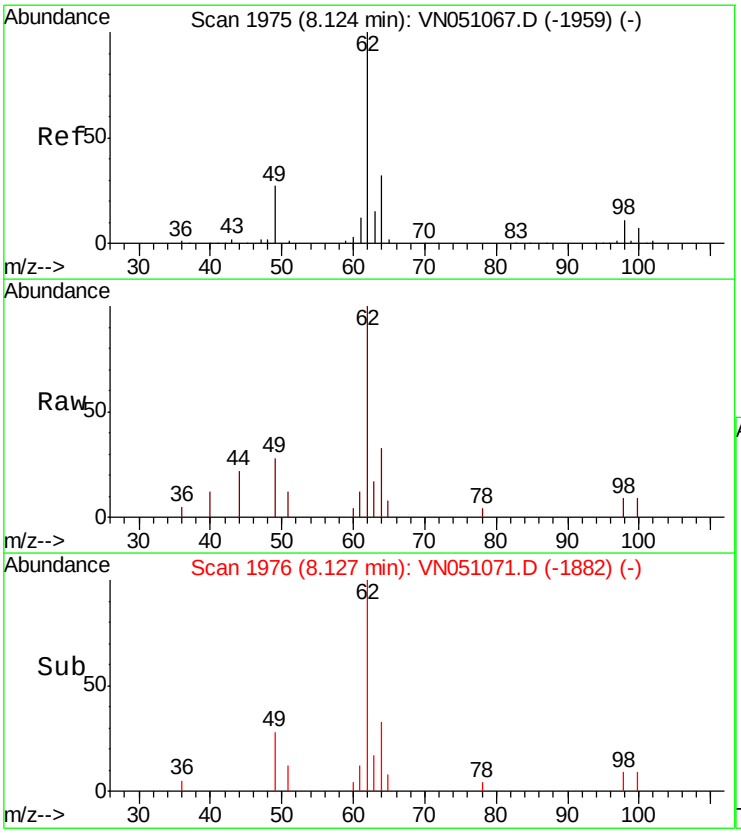

#41
Methacrylonitrile
Concen: 0.974 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 41 Resp: 2975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 66.1 | 51.3 | 76.9 |
| 67 | 72.7 | 78.5 | 117.7# |
| 52 | 12.0 | 29.0 | 43.6# |

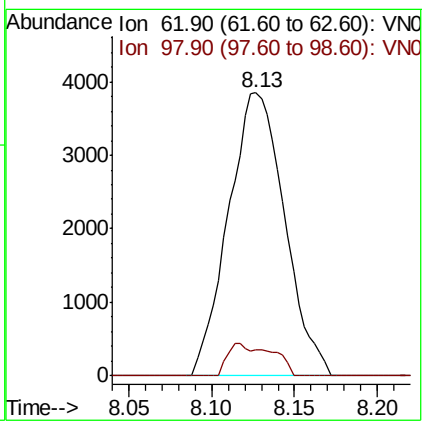


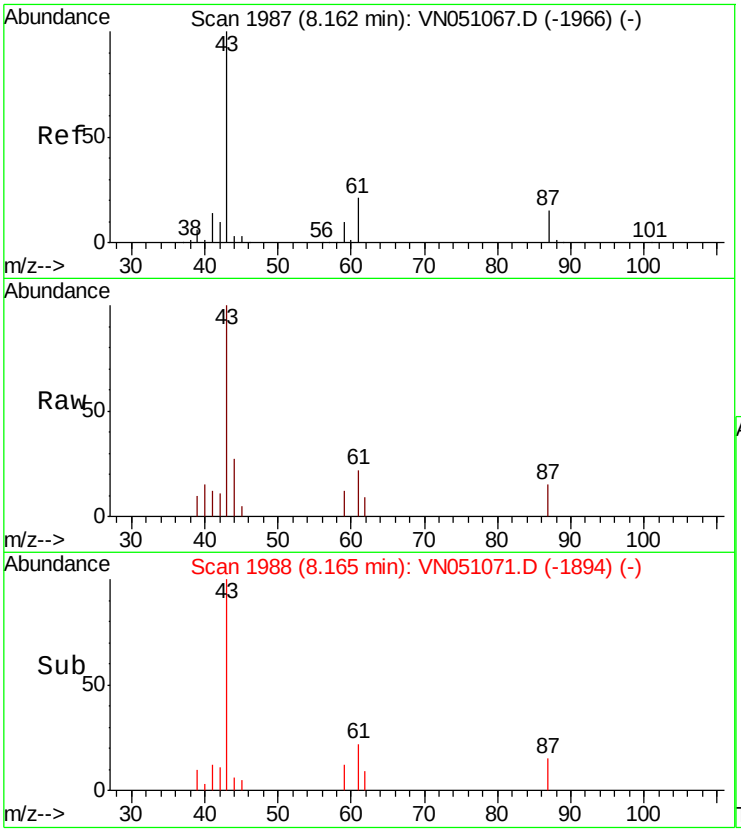




#42
1,2-Dichloroethane
Concen: 1.010 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 62 Resp: 9071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.1 | 0.0 | 21.0 |



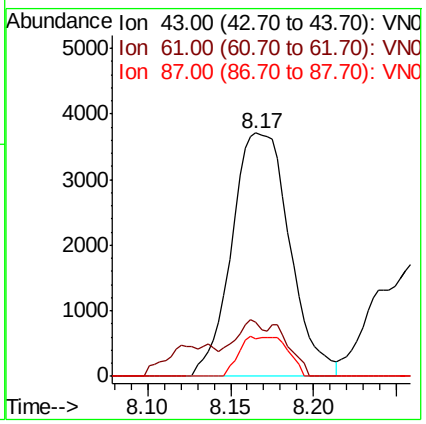


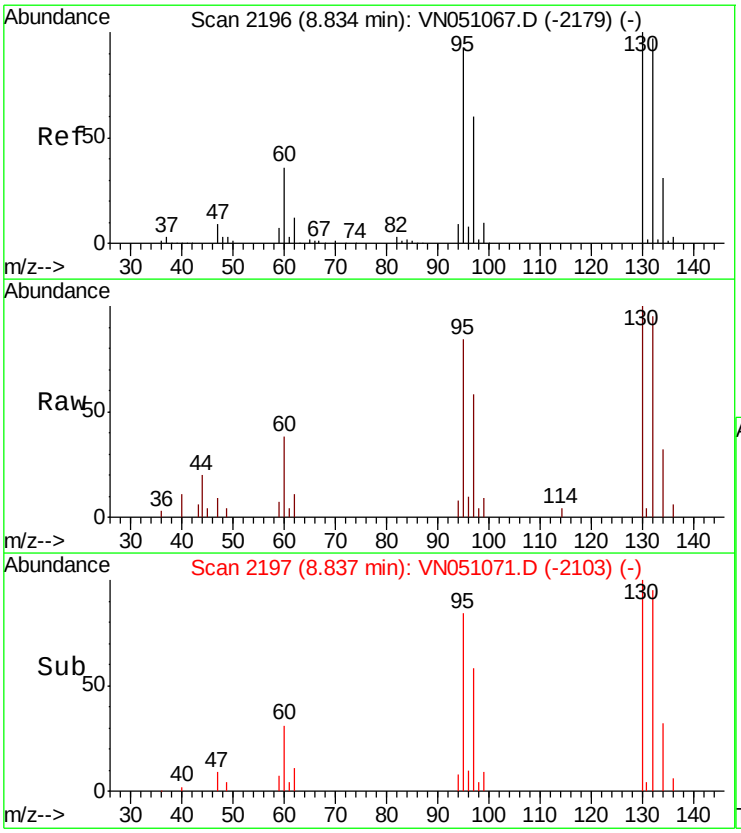

#43
Isopropyl Acetate
Concen: 0.863 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 9023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 5.5 | 25.0 | 37.6# |
| 87 | 5.4 | 11.8 | 17.8# |

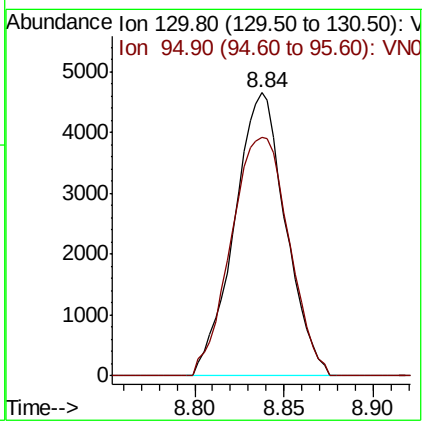


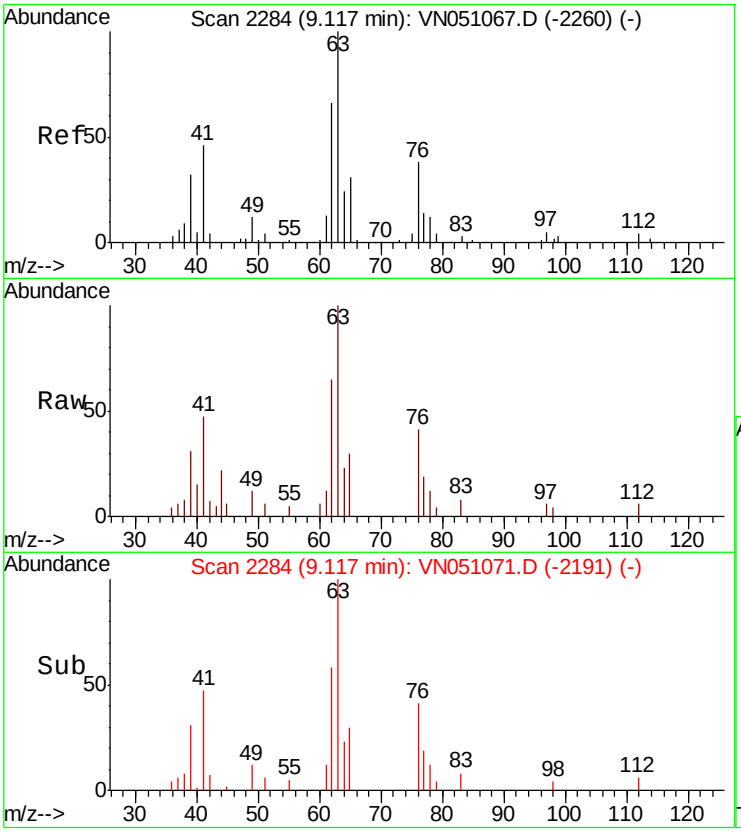




#44
Trichloroethene
Concen: 1.106 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:130 Resp: 9324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 84.4 | 0.0 | 186.2 |



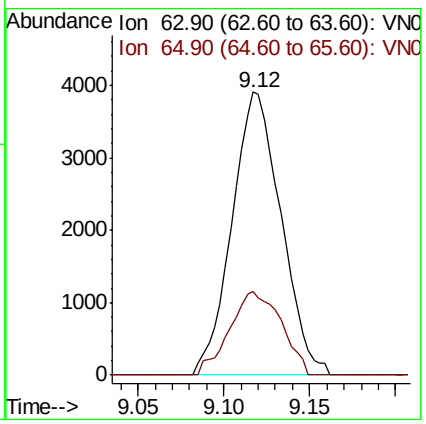


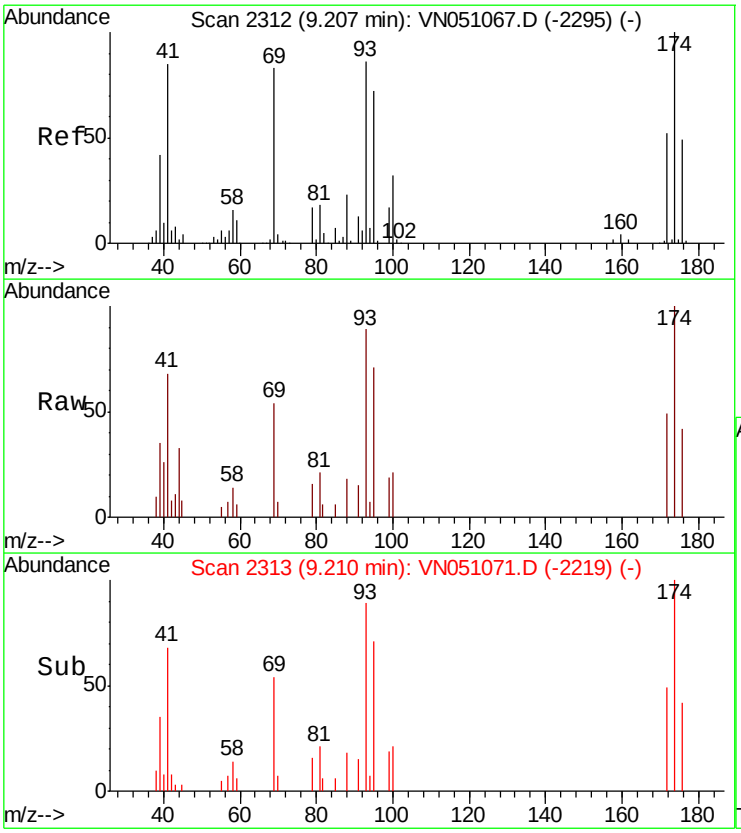

#45
1,2-Dichloropropane
Concen: 0.972 ug/l
RT: 9.12 min Scan# 2284
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 63 Resp: 7738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.7 | 24.7 | 37.1 |

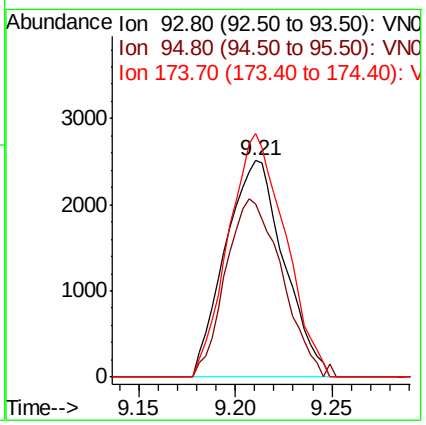


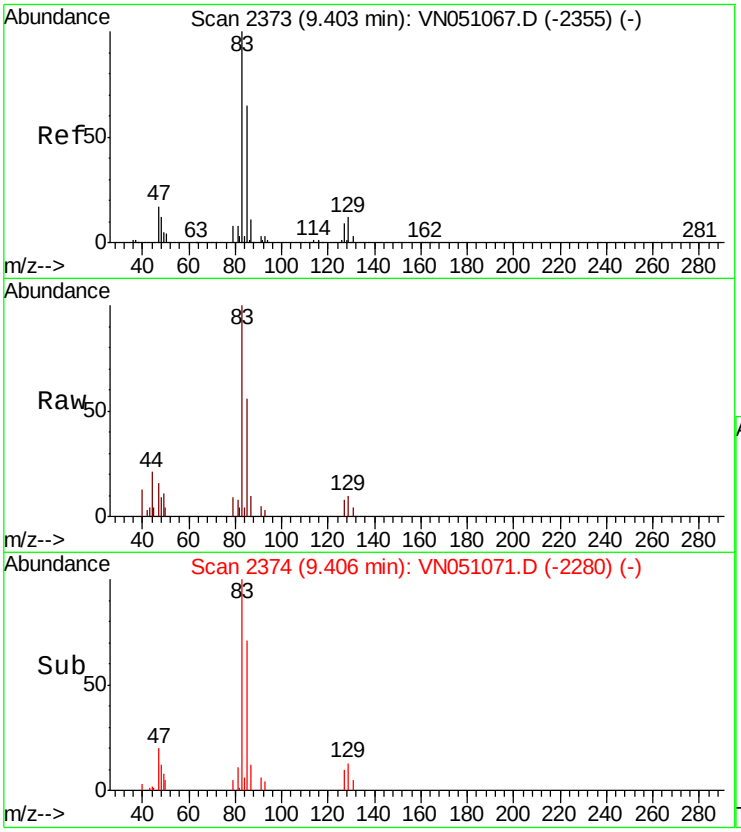




#46
Dibromomethane
Concen: 1.092 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 93 Resp: 5303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 78.9 | 66.8 | 100.2 |
| 174 | 108.5 | 93.3 | 139.9 |



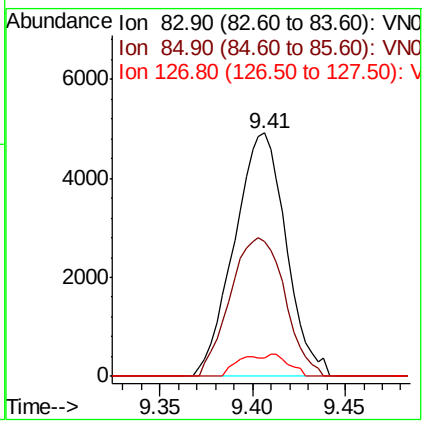


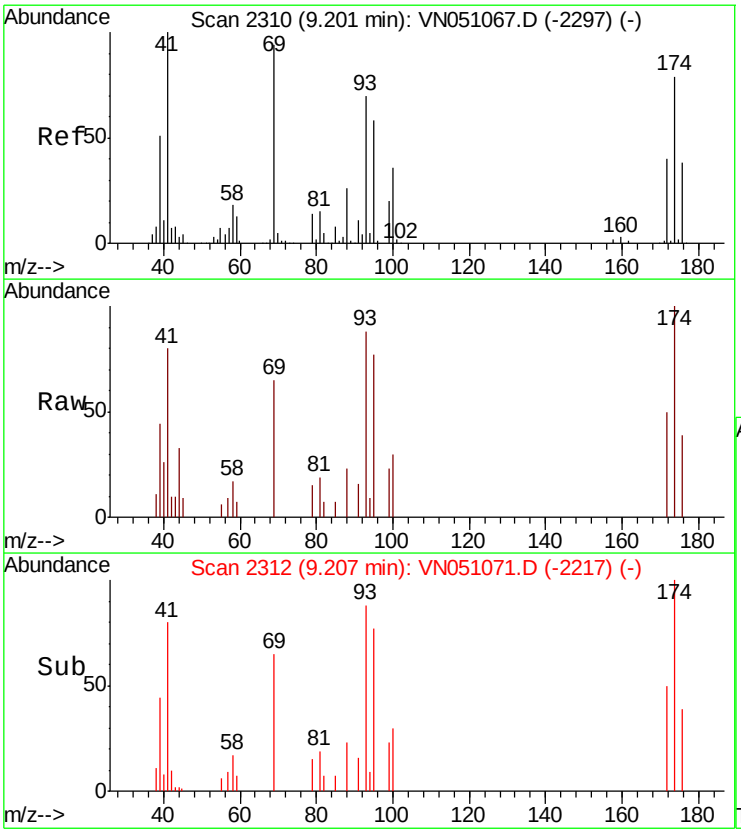

#47
Bromodichloromethane
Concen: 0.967 ug/l
RT: 9.41 min Scan# 2374
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 83 Resp: 9548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 55.6 | 52.3 | 78.5 |
| 127 | 7.6 | 7.5 | 11.3 |

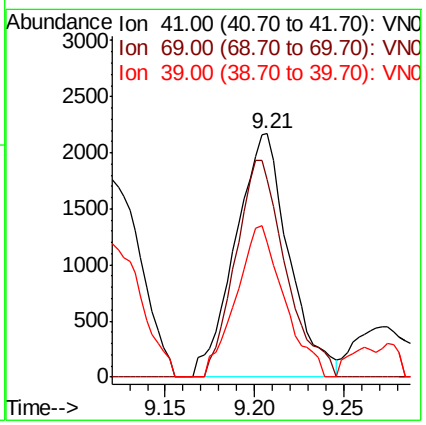


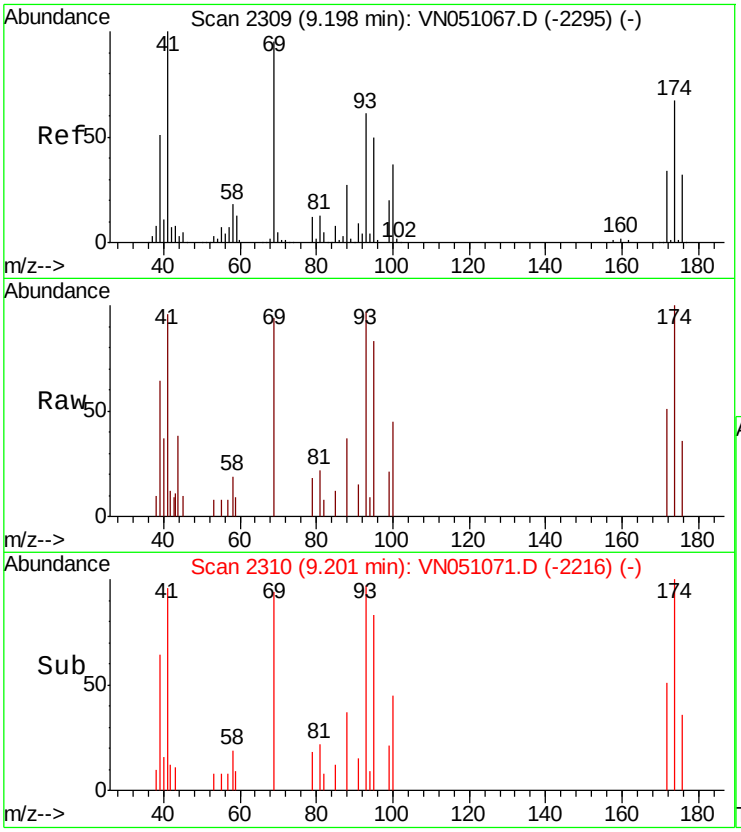




#48
Methyl methacrylate
Concen: 0.891 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 41 Resp: 4538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 83.3 | 77.7 | 116.5 |
| 39 | 55.6 | 41.6 | 62.4 |



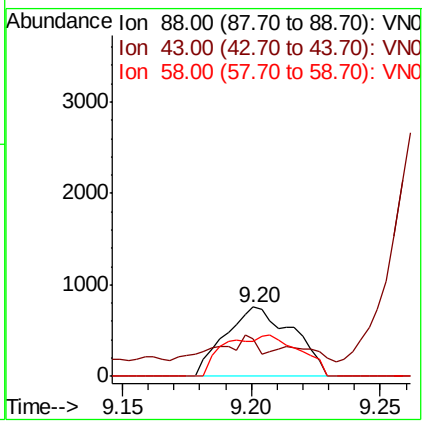


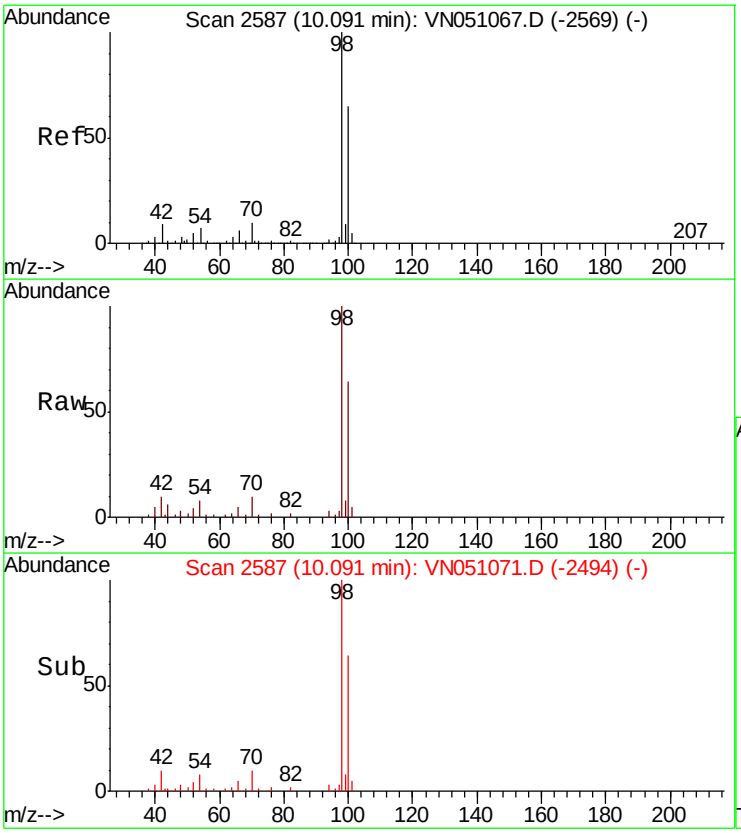

#49
1,4-Dioxane
Concen: 17.343 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 88 Resp: 1385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 20.3 | 23.7 | 35.5# |
| 58 | 65.8 | 54.6 | 82.0 |

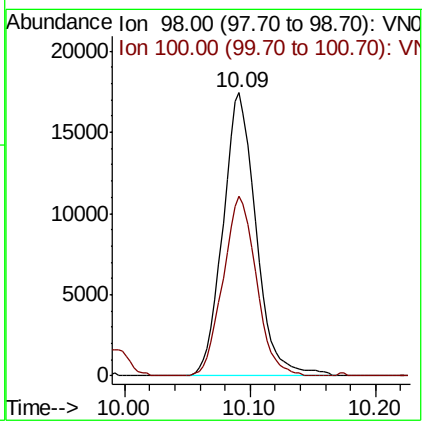


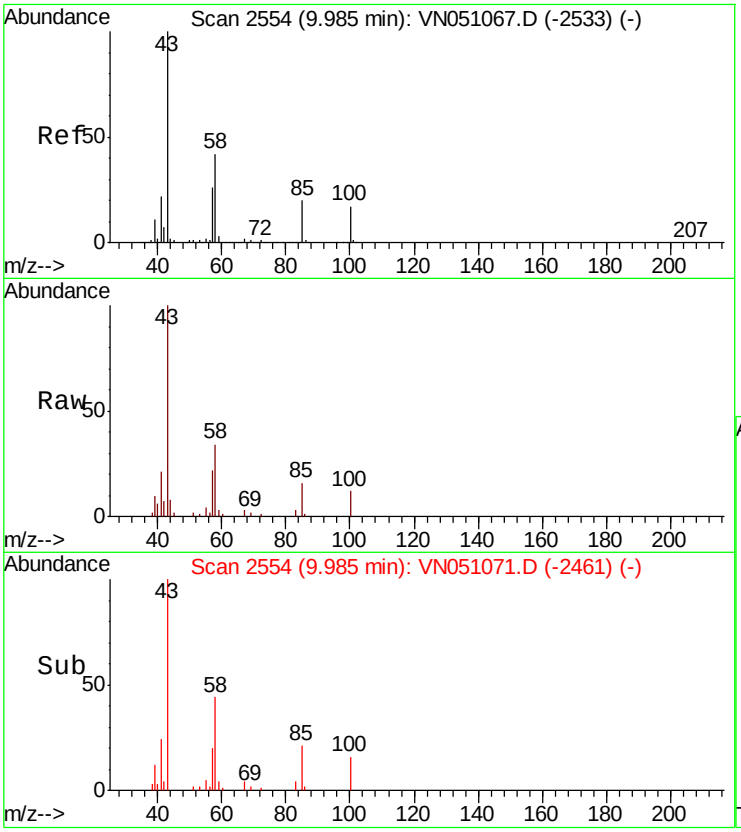




#50
Toluene-d8
Concen: 1.203 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 98 Resp: 31936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.8 | 52.0 | 78.0 |



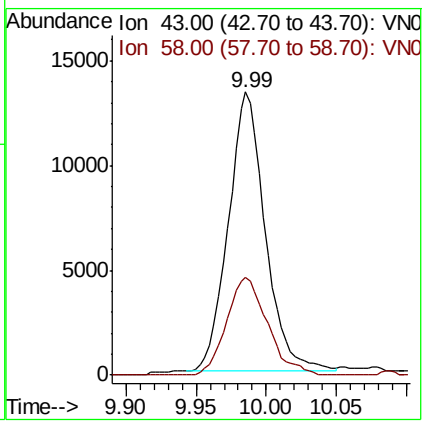


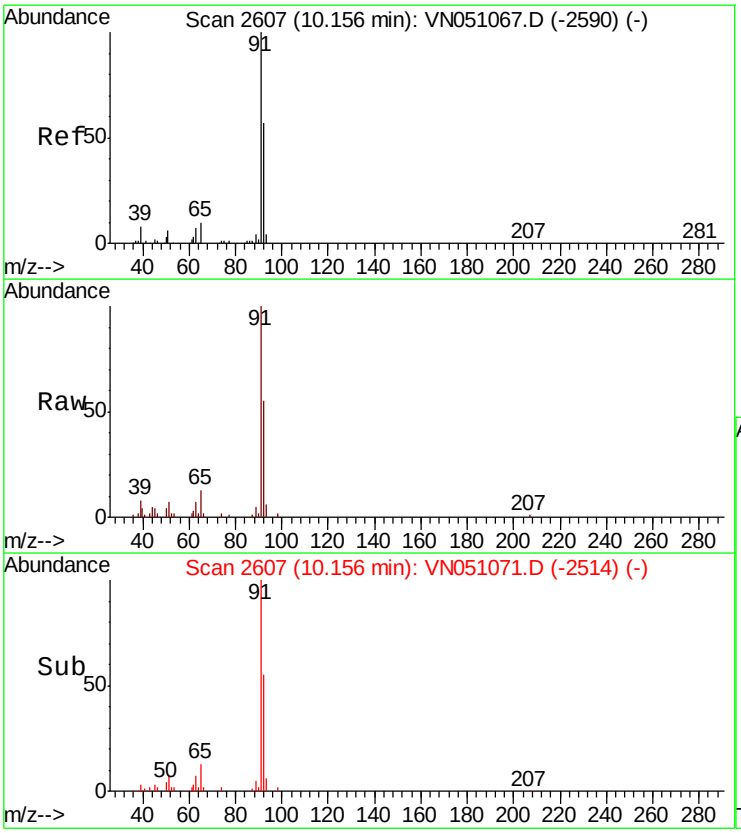

#51
4-Methyl-2-Pentanone
Concen: 4.214 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 43 Resp: 24353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.8 | 33.5 | 50.3 |

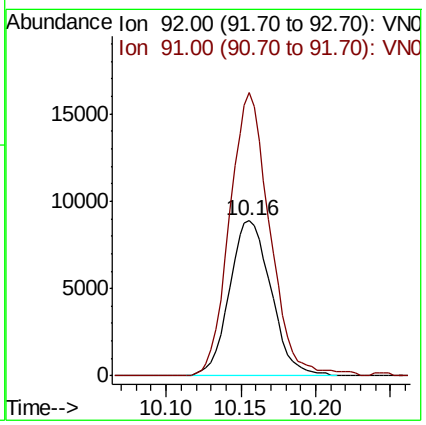


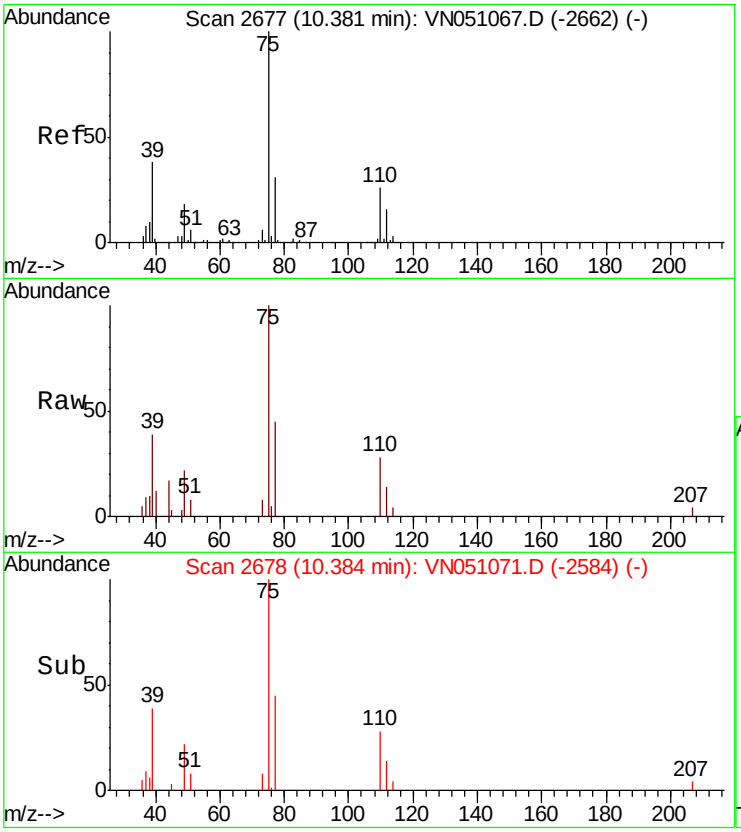




#52
Toluene
Concen: 0.915 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 92 Resp: 17197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 176.2 | 139.5 | 209.3 |



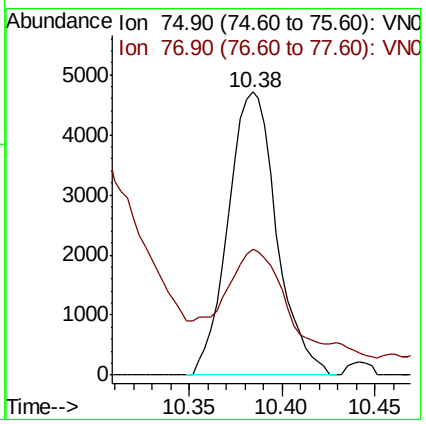


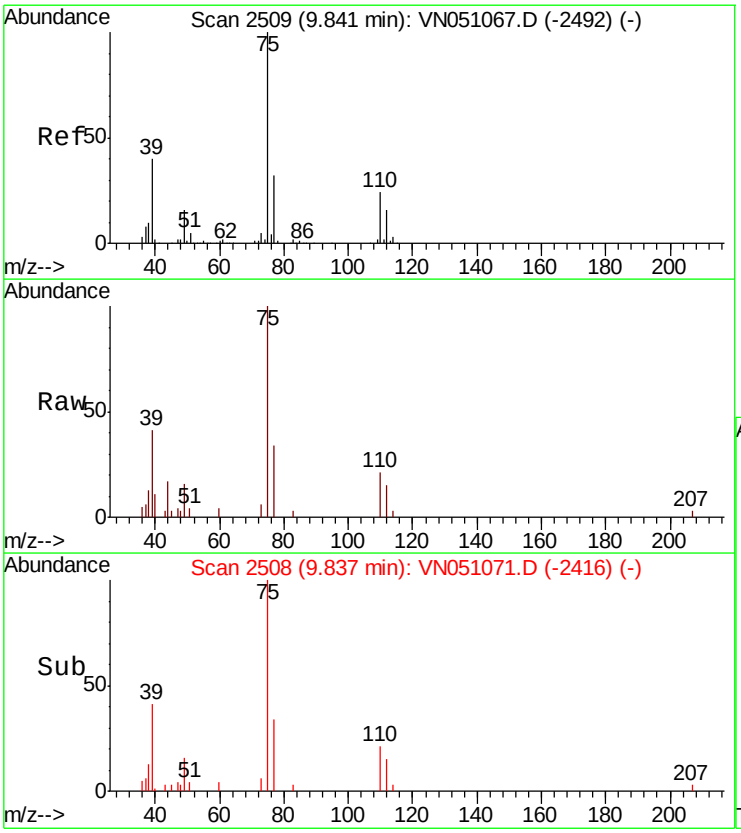

#53
t-1,3-Dichloropropene
Concen: 0.867 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 75 Resp: 8576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.3 | 25.3 | 37.9 |

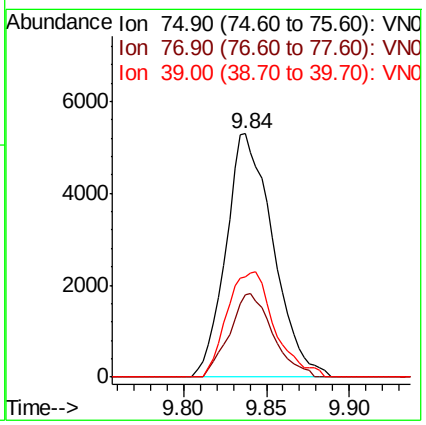


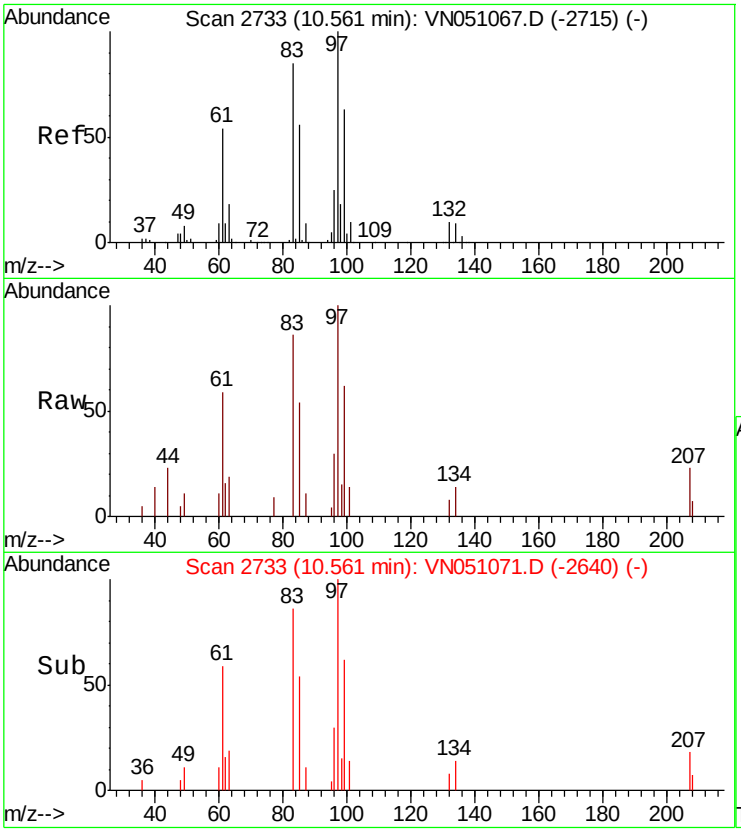




#54
cis-1,3-Dichloropropene
Concen: 0.904 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 75 Resp: 10476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.1 | 25.7 | 38.5 |
| 39 | 41.4 | 31.9 | 47.9 |



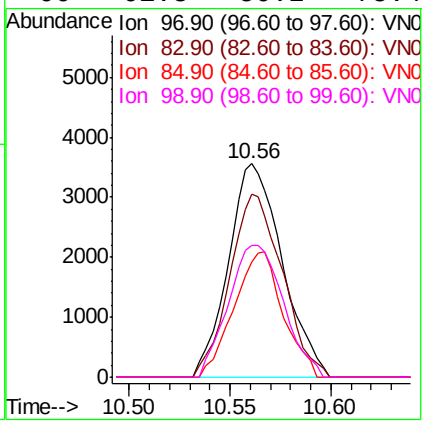


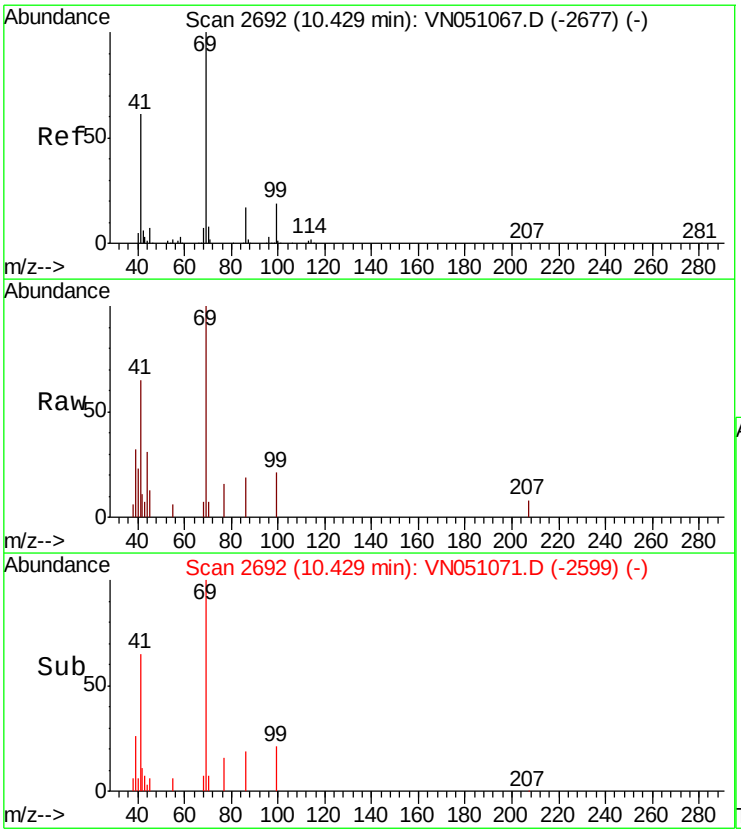

#55
1,1,2-Trichloroethane
Concen: 0.971 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 97 Resp: 6626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.9 | 68.2 | 102.2 |
| 85 | 54.2 | 44.8 | 67.2 |
| 99 | 61.8 | 50.2 | 75.4 |

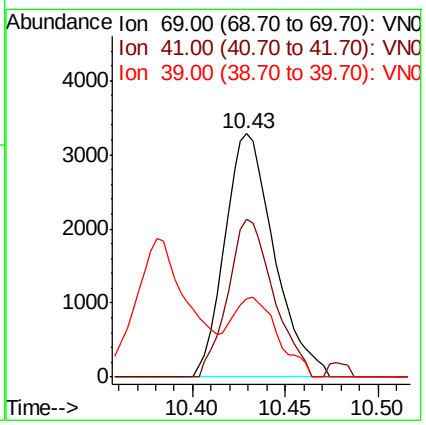


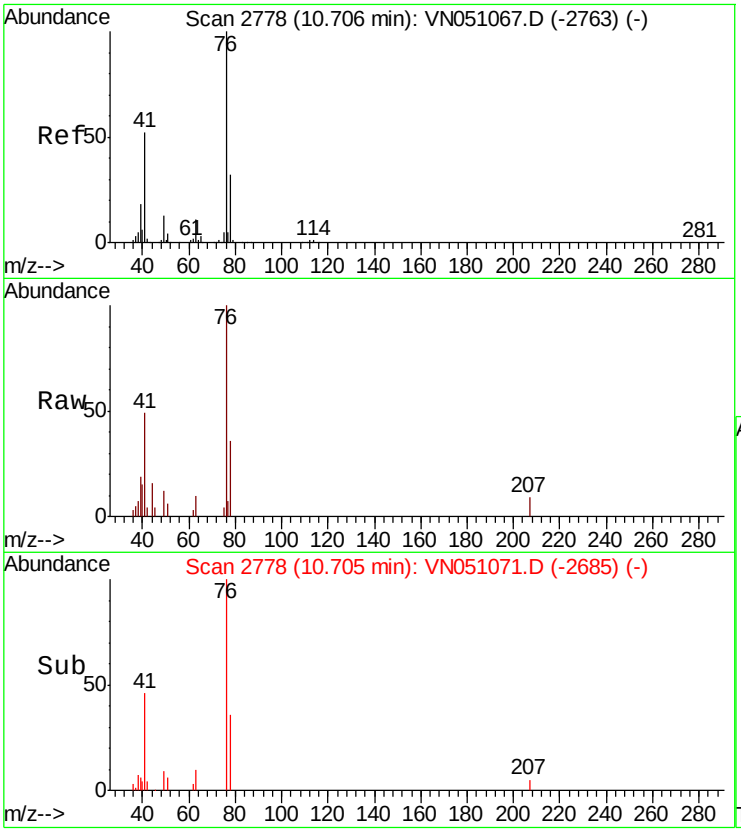




#56
Ethyl methacrylate
Concen: 0.742 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 69 Resp: 6061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 60.2 | 47.8 | 71.8 |
| 39 | 32.1 | 23.0 | 34.4 |



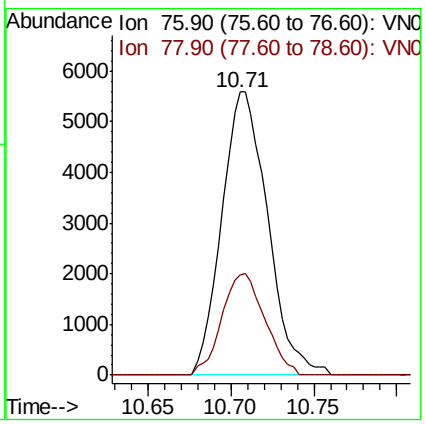


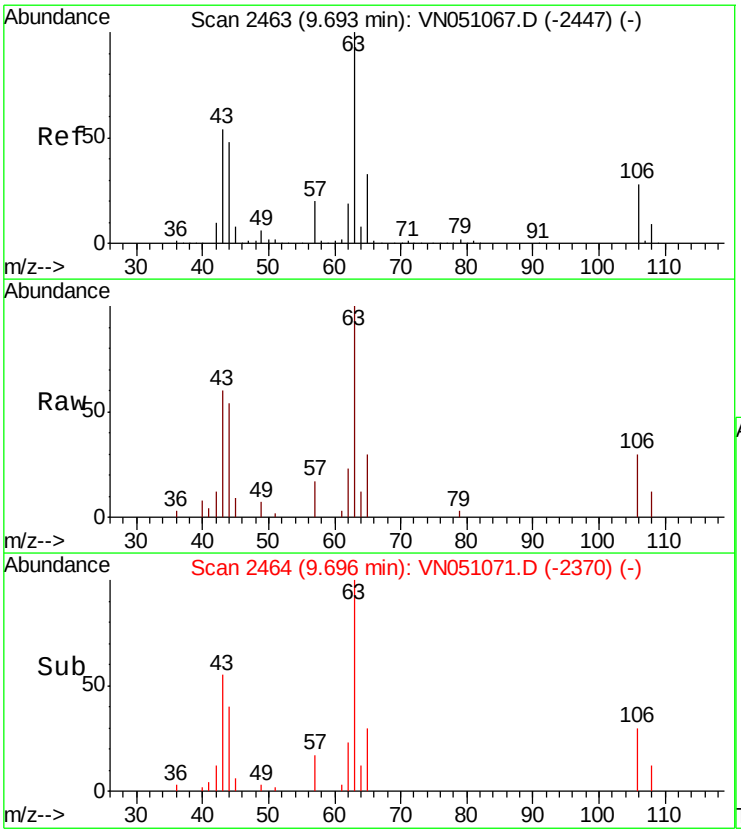

#57
1,3-Dichloropropane
Concen: 0.948 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 76 Resp: 10728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.5 | 26.1 | 39.1 |

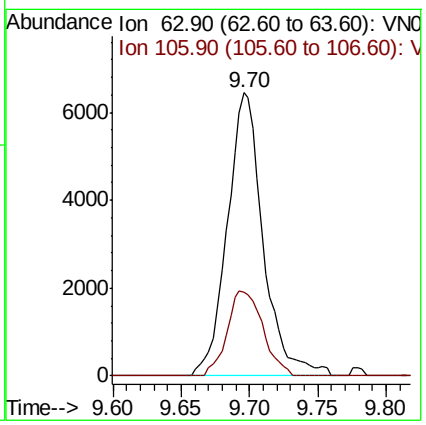


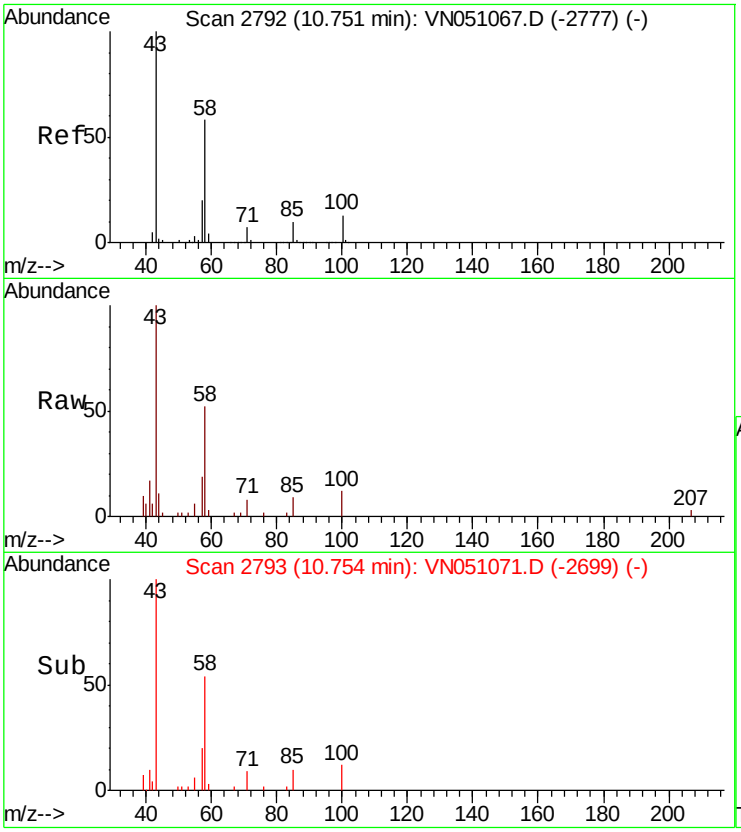




#58
2-Chloroethyl Vinyl ether
Concen: 3.526 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 63 Resp: 11772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.8 | 22.5 | 33.7 |



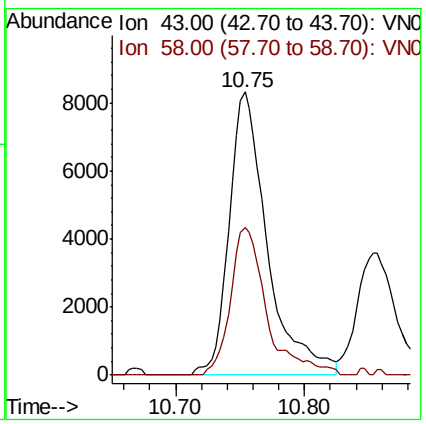


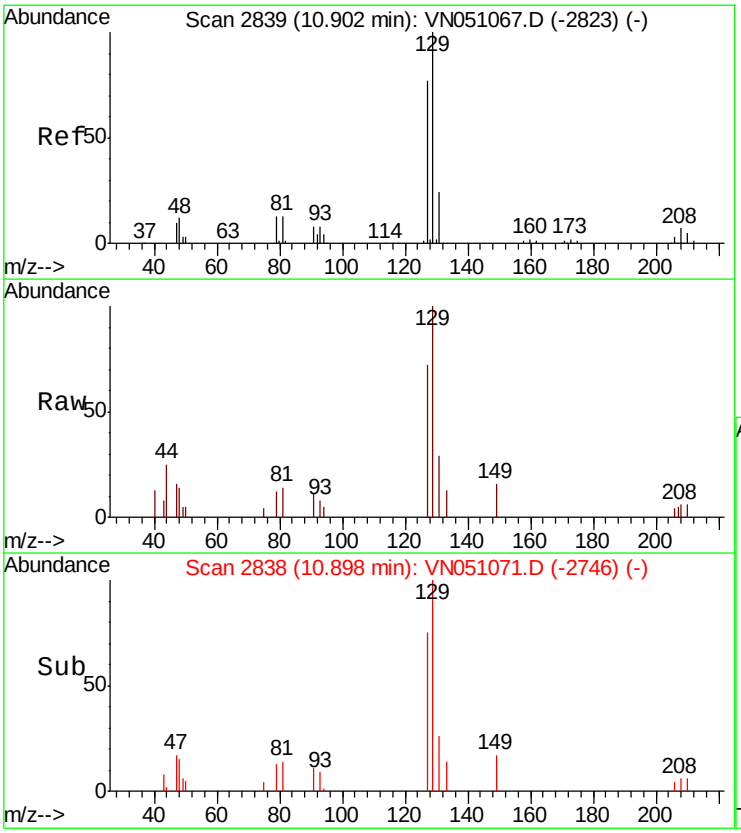

#59
2-Hexanone
Concen: 4.375 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 43 Resp: 17148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 49.4 | 29.3 | 88.0 |

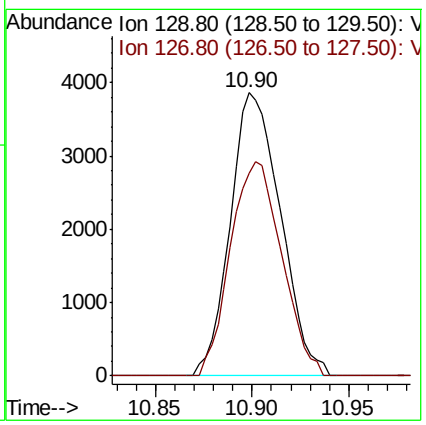


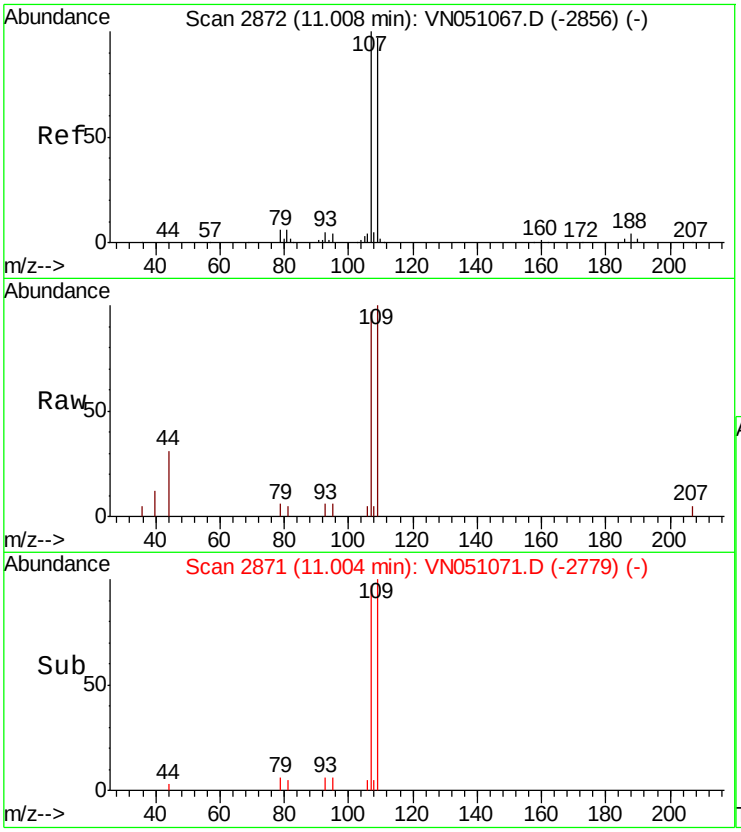




#60
Dibromochloromethane
Concen: 0.907 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:129 Resp: 6975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.5 | 38.5 | 115.5 |



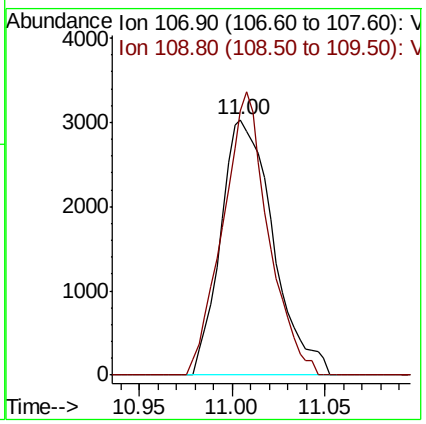


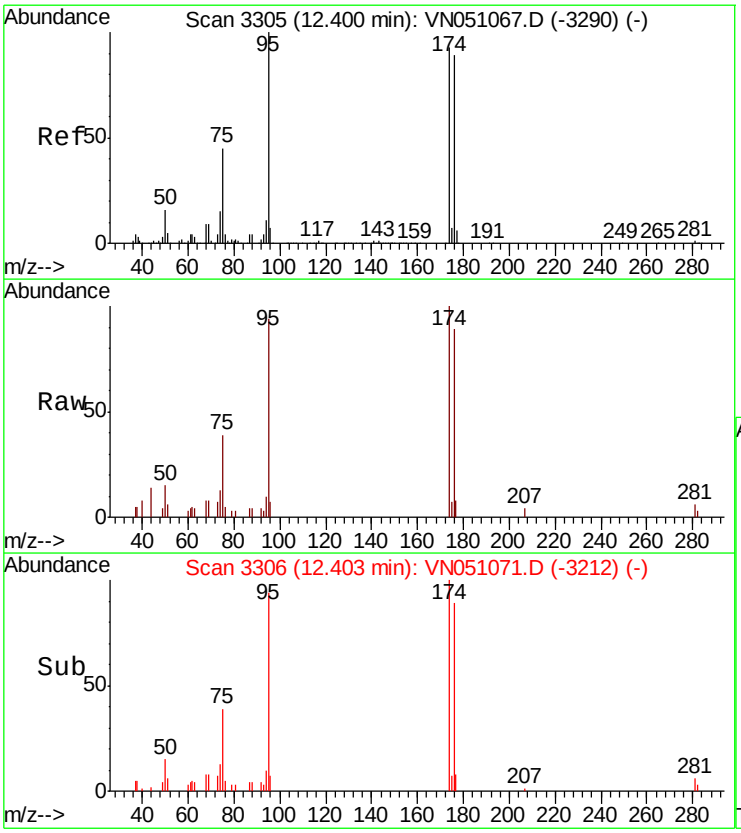

#61
1,2-Dibromoethane
Concen: 0.894 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion:107 Resp: 5968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.9 | 76.0 | 114.0 |

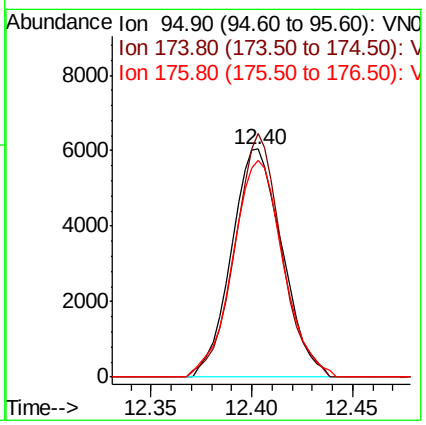


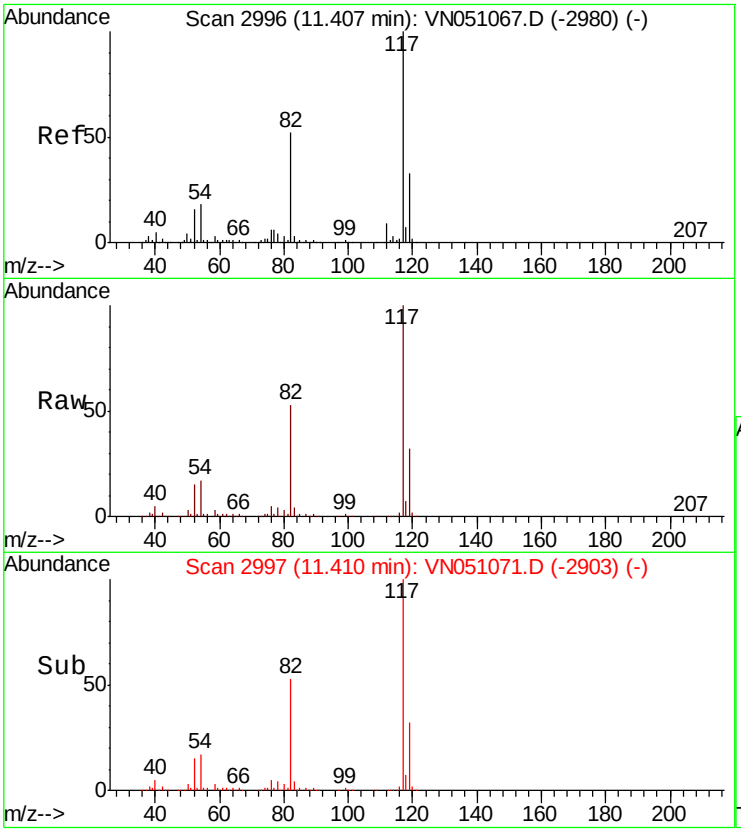




#62
4-Bromofluorobenzene
Concen: 1.213 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 95 Resp: 10660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 97.5 | 0.0 | 184.8 |
| 176 | 94.3 | 0.0 | 178.6 |



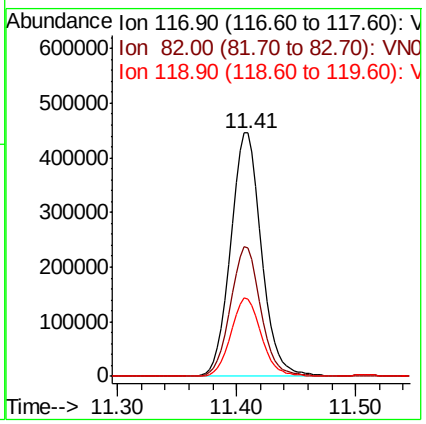


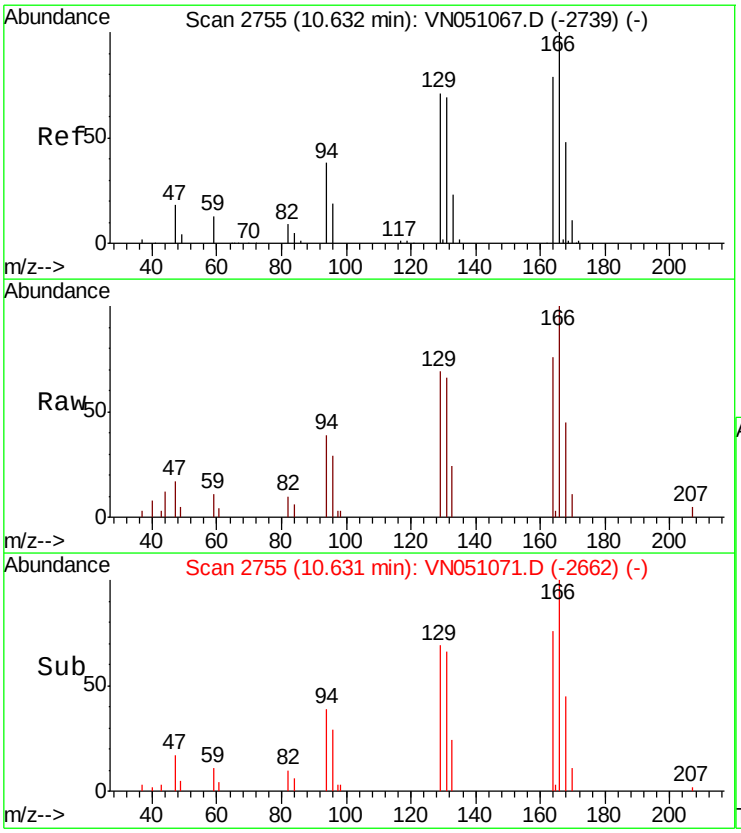

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion:117 Resp: 797935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.8 | 41.8 | 62.6 |
| 119 | 31.9 | 26.2 | 39.2 |

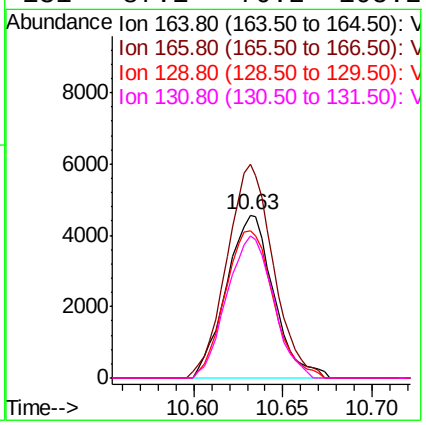


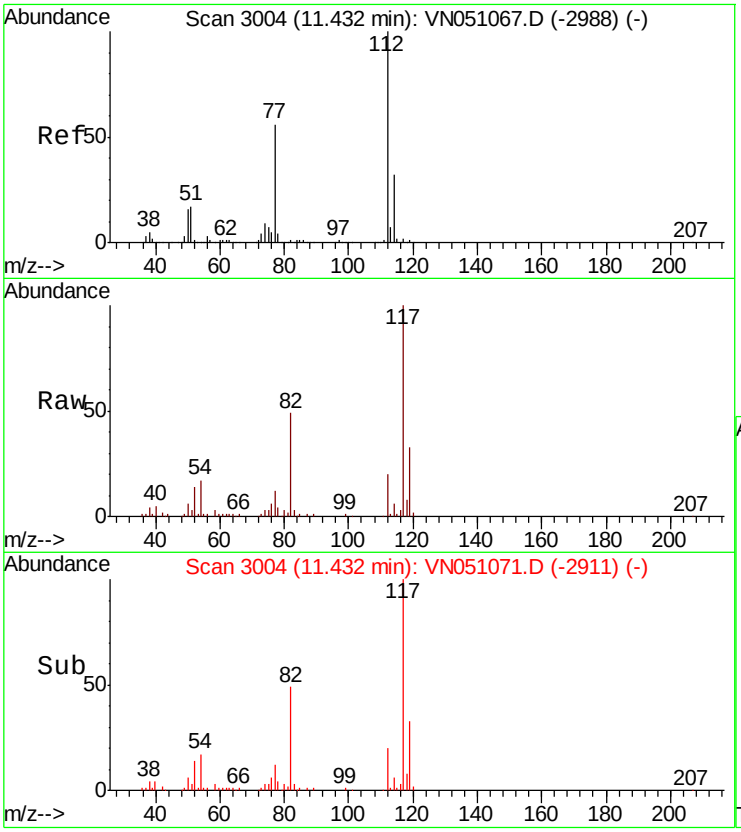




#64
Tetrachloroethene
Concen: 1.153 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:164 Resp: 8395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 131.4 | 101.3 | 151.9 |
| 129 | 90.7 | 72.2 | 108.2 |
| 131 | 87.1 | 70.2 | 105.2 |



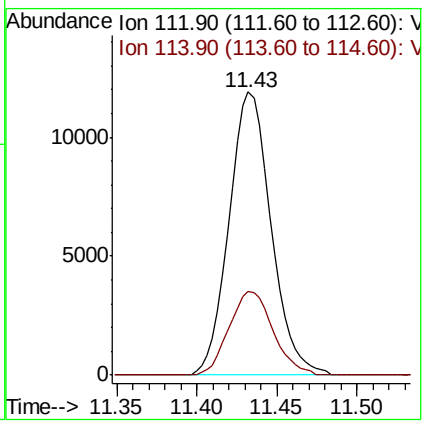


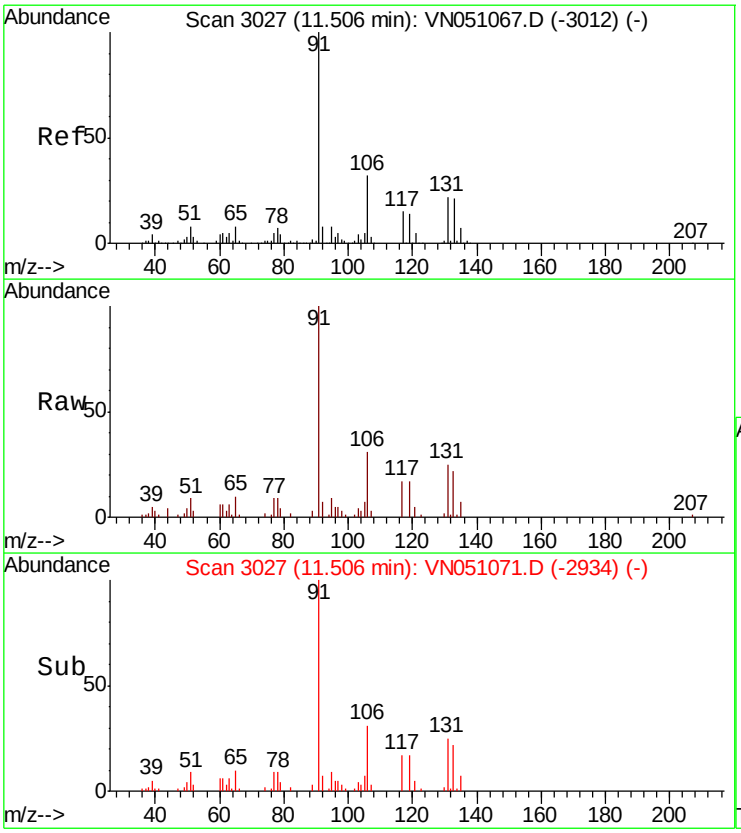

#65
Chlorobenzene
Concen: 1.060 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion:112 Resp: 21315

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

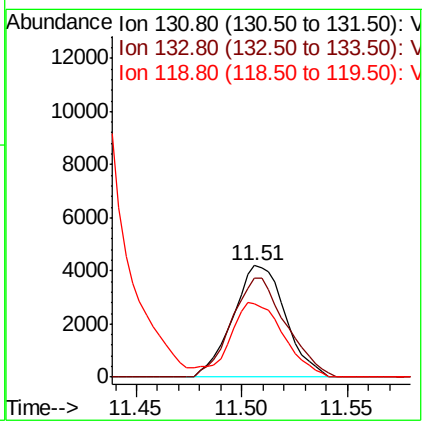


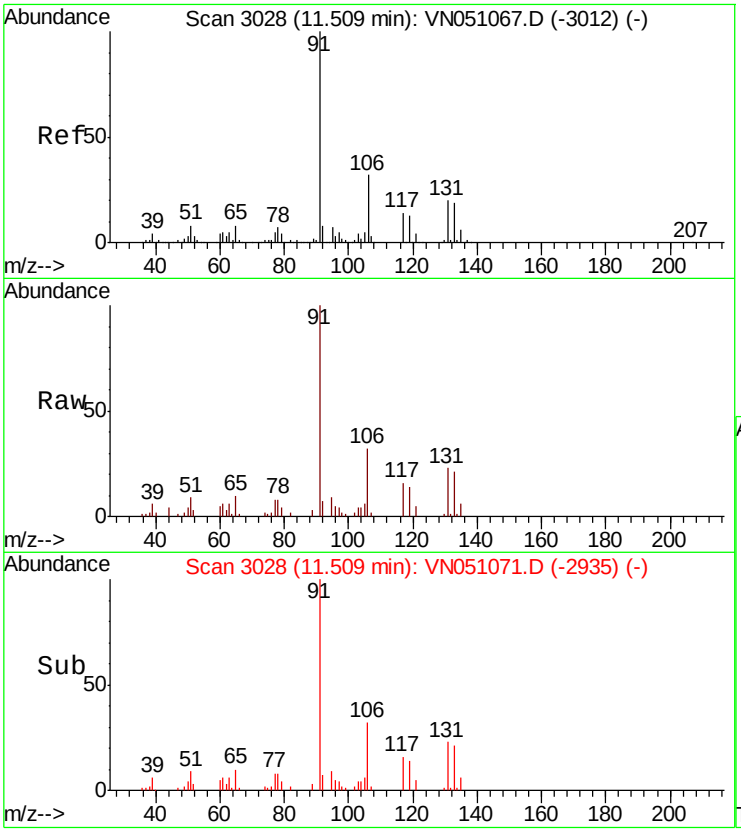




#66
1,1,1,2-Tetrachloroethane
Concen: 1.003 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:131 Resp: 7262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 91.9 | 47.5 | 142.6 |
| 119 | 0.0 | 33.2 | 99.6# |



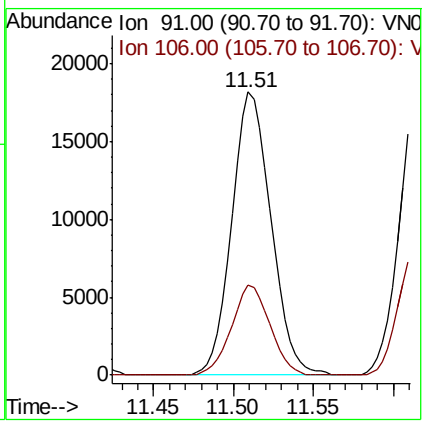


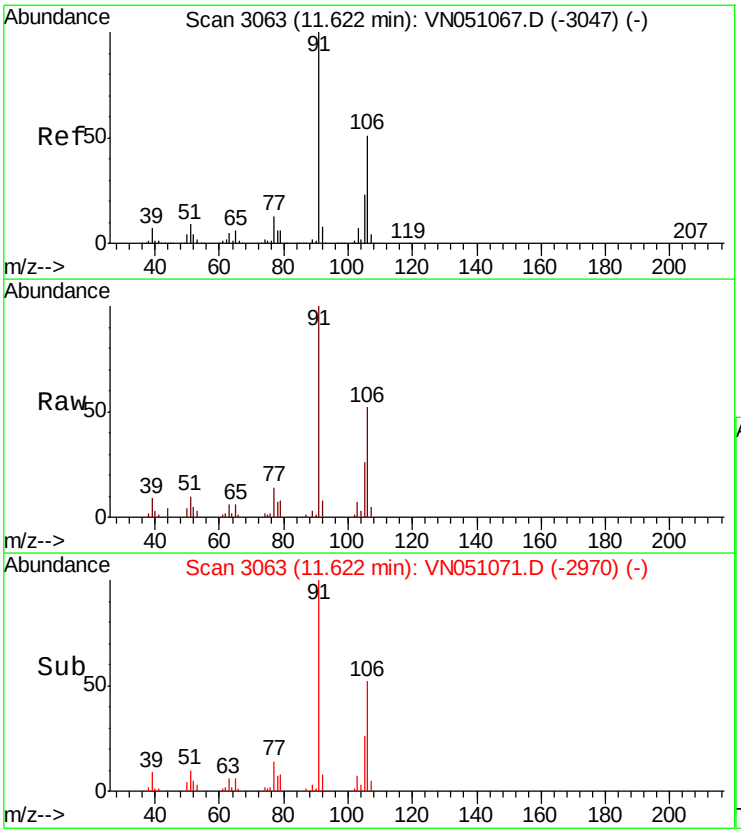

#67
Ethyl Benzene
Concen: 0.934 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 91 Resp: 30414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.7 | 25.4 | 38.2 |

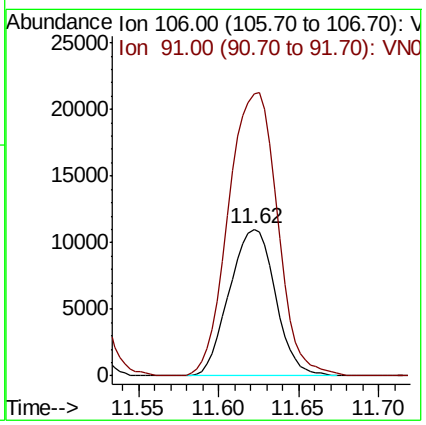


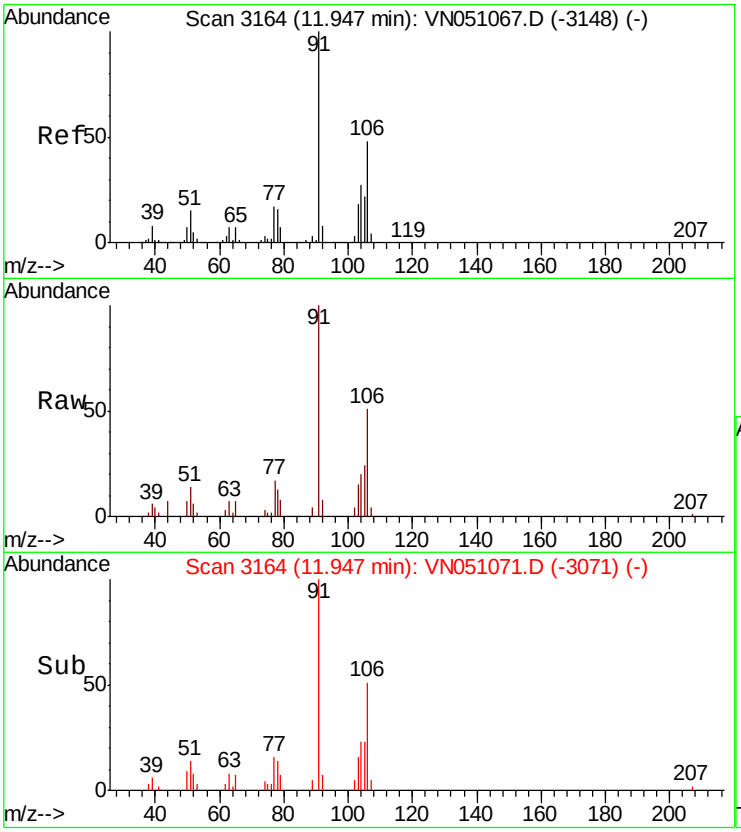




#68
m/p-Xylenes
Concen: 1.729 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:106 Resp: 21638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.9 | 159.8 | 239.6 |



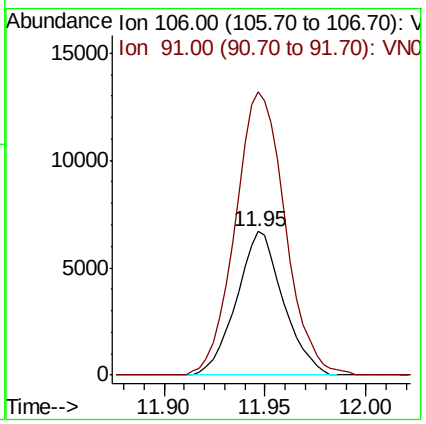


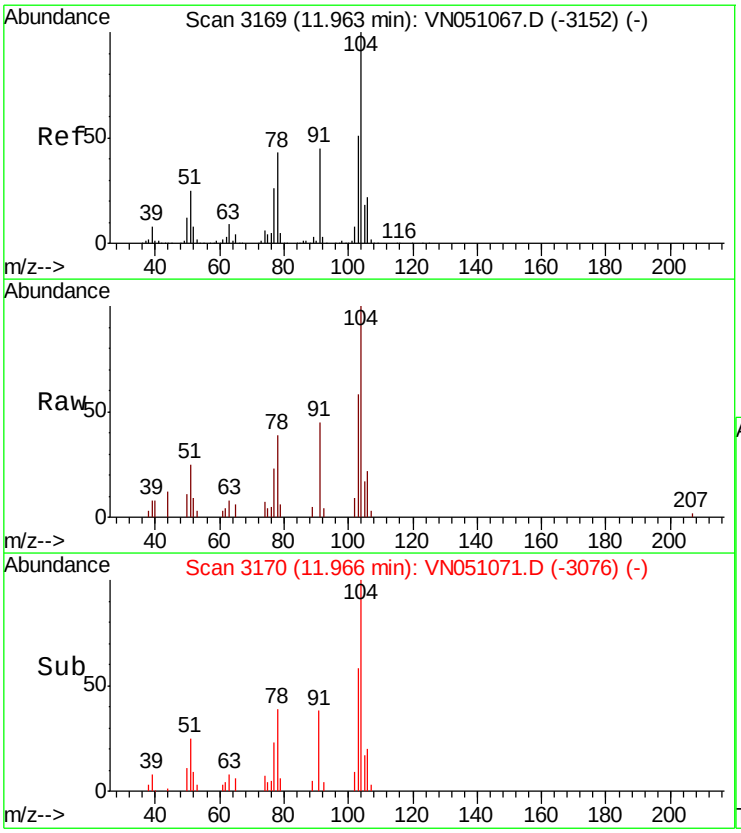

#69
o-Xylene
Concen: 0.893 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:106 Resp: 10819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.2 | 105.1 | 315.1 |

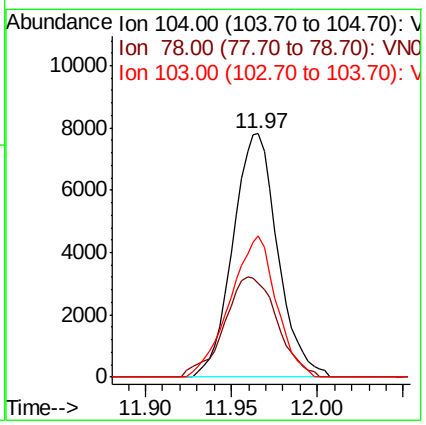


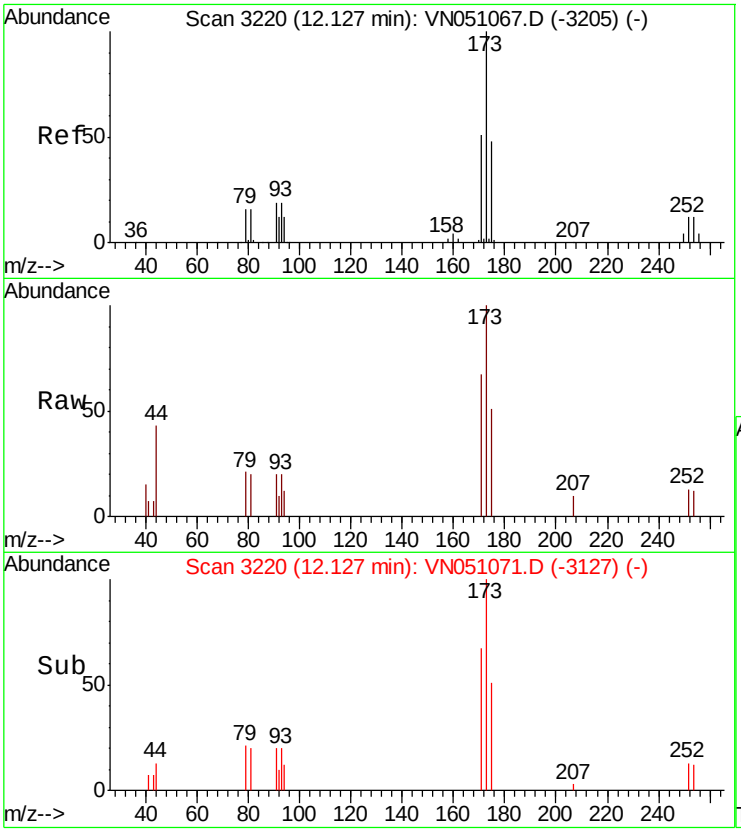




#70
Styrene
Concen: 0.752 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:104 Resp: 14143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.3 | 37.7 | 56.5 |
| 103 | 59.6 | 44.6 | 67.0 |



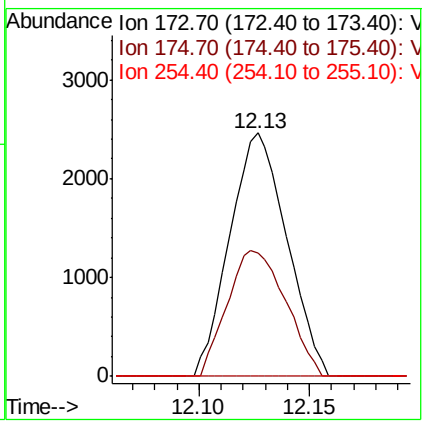


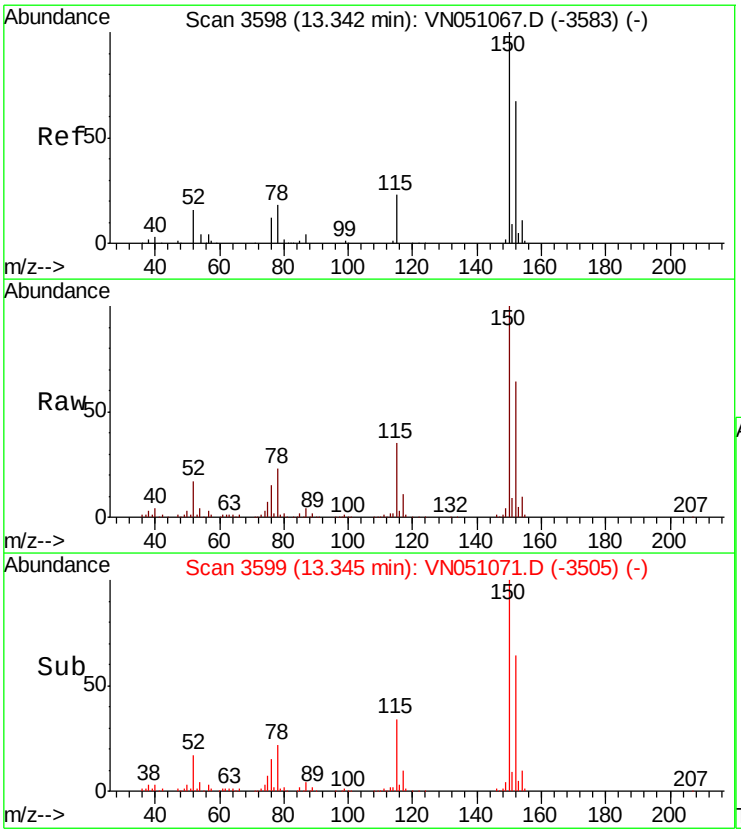

#71
Bromoform
Concen: 0.864 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:173 Resp: 4404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 52.9 | 24.3 | 72.9 |
| 254 | 0.0 | 0.0 | 0.0 |

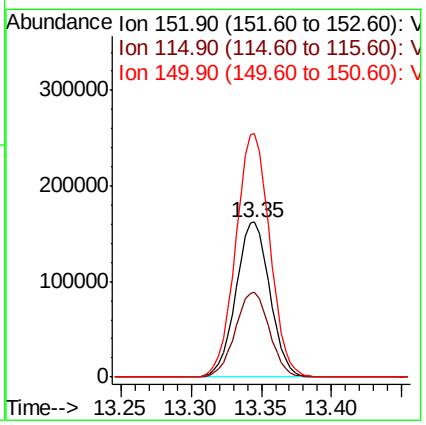


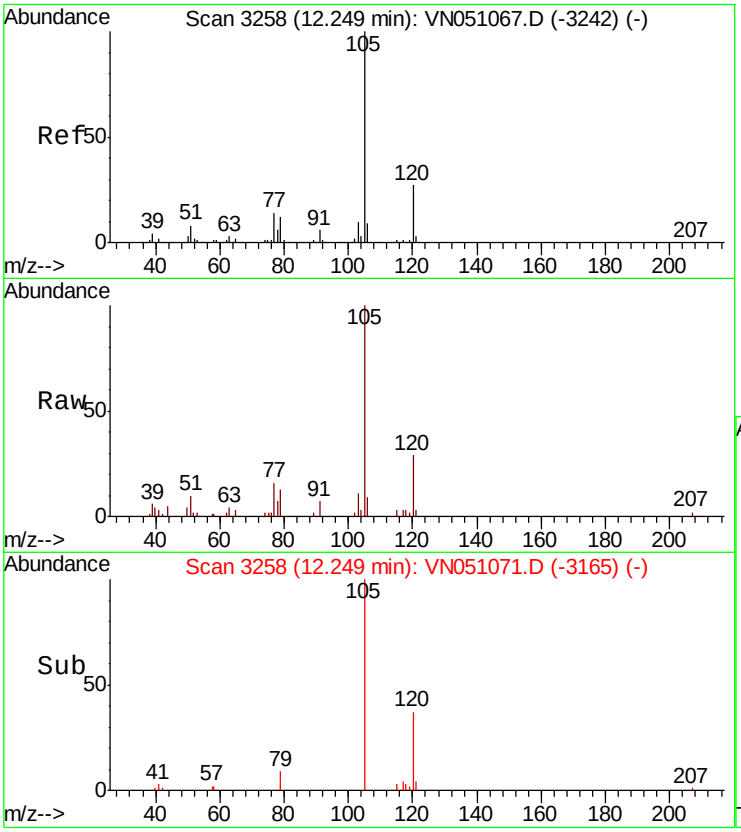




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:152 Resp: 273749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.1 | 28.2 | 84.7 |
| 150 | 157.3 | 0.0 | 349.0 |



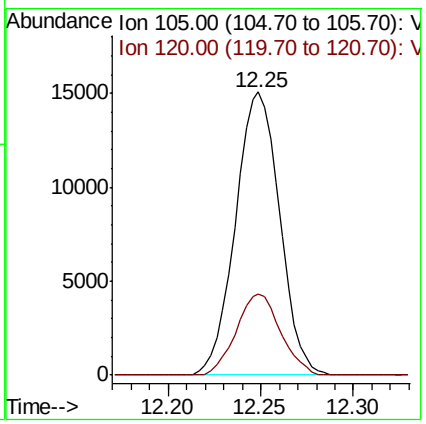


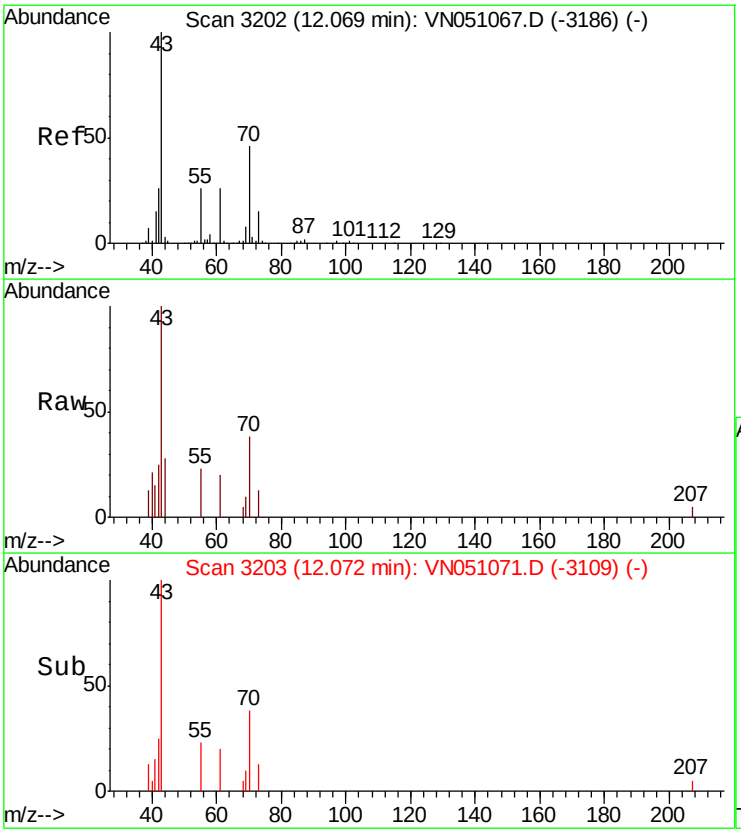

#73
Isopropylbenzene
Concen: 1.087 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:105 Resp: 24945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.7 | 13.6 | 40.7 |

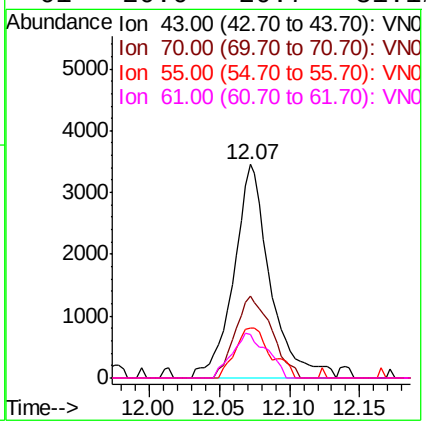


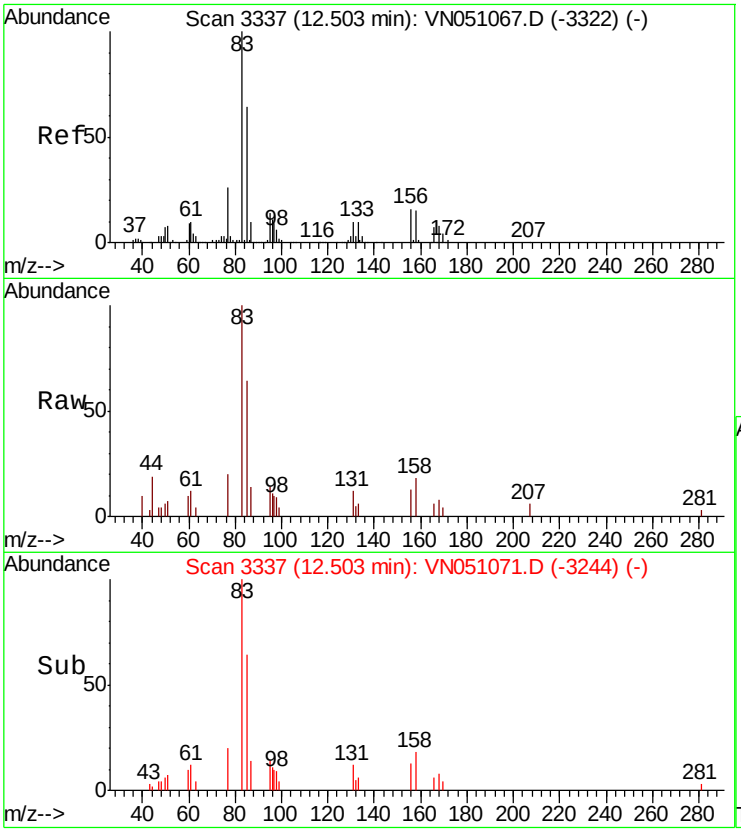




#74
N-amyl acetate
Concen: 1.077 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 43 Resp: 6222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 38.3 | 37.0 | 55.4 |
| 55 | 22.8 | 21.3 | 31.9 |
| 61 | 20.0 | 20.7 | 31.1# |



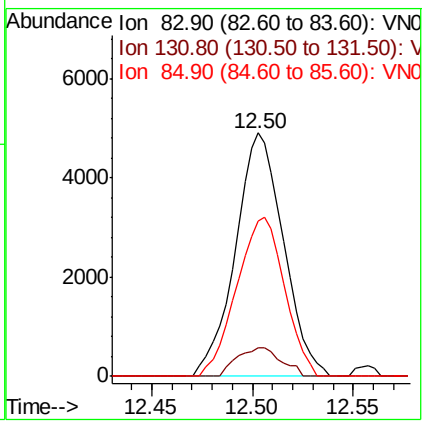


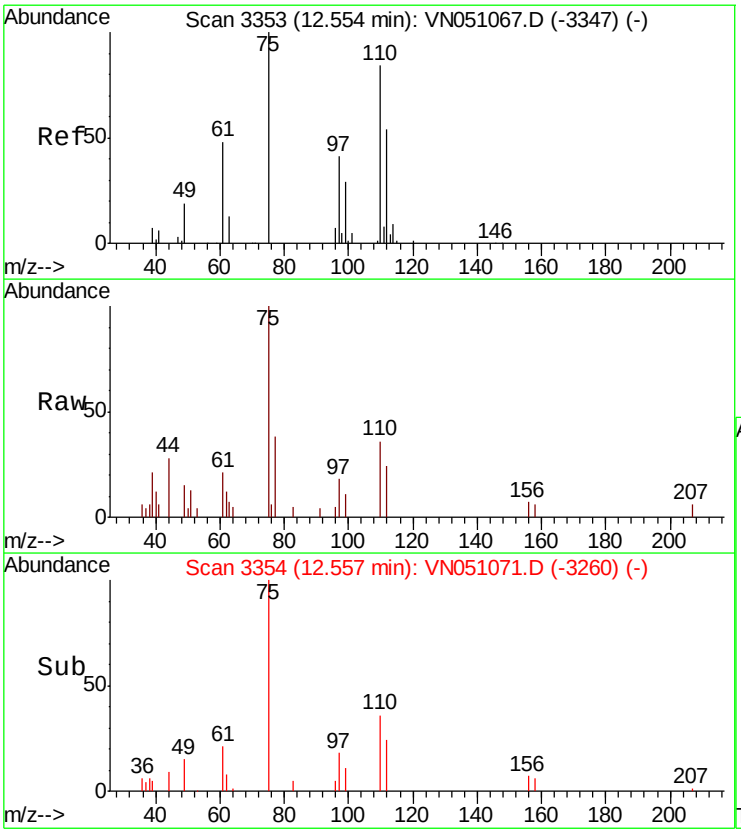

#75
1,1,2,2-Tetrachloroethane
Concen: 1.337 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 83 Resp: 8175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.9 | 5.3 | 16.1 |
| 85 | 64.8 | 32.3 | 96.8 |

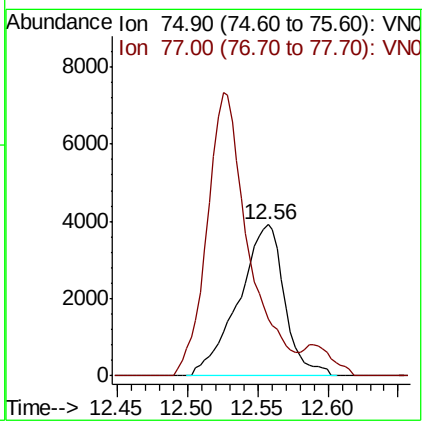


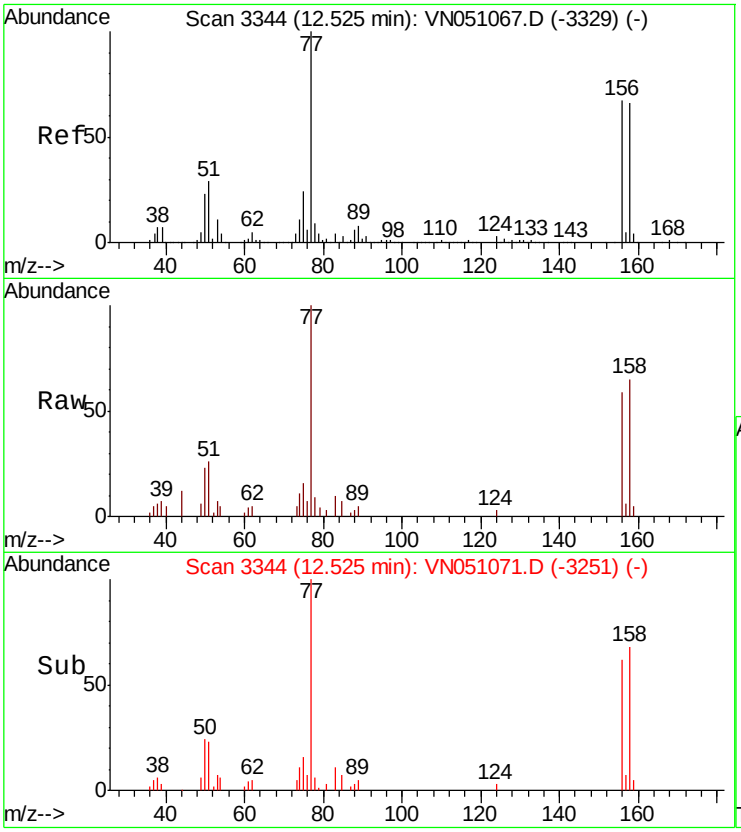




#76
1,2,3-Trichloropropane
Concen: 1.958 ug/l
RT: 12.56 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 75 Resp: 8912

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



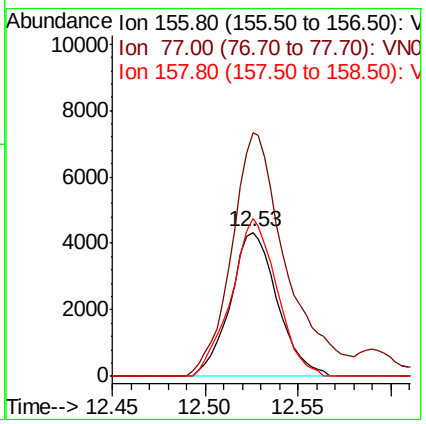


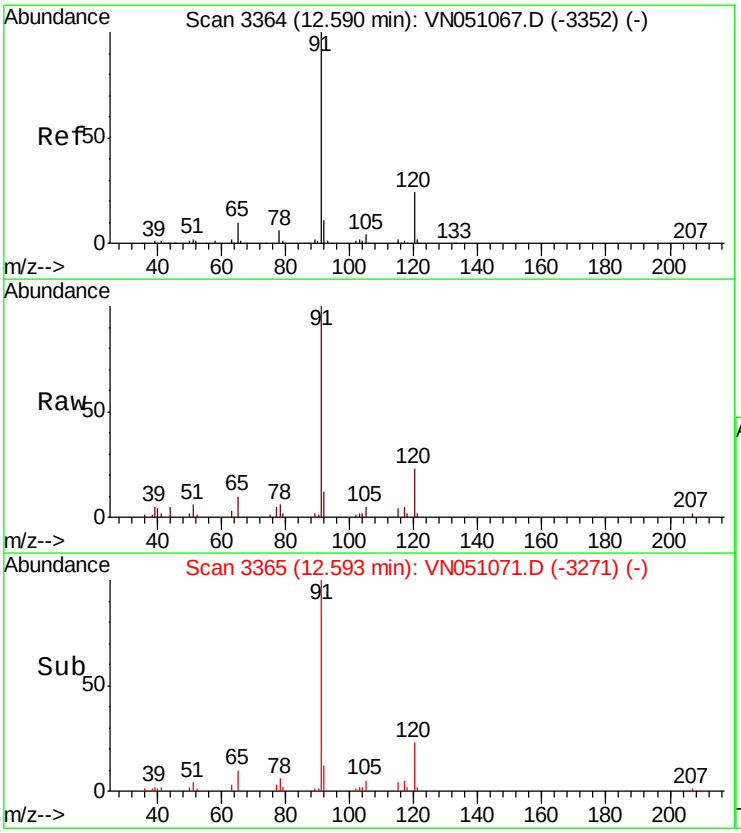

#77
Bromobenzene
Concen: 1.235 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion:156 Resp: 7613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 198.0 | 87.5 | 262.6 |
| 158 | 106.6 | 49.0 | 147.2 |

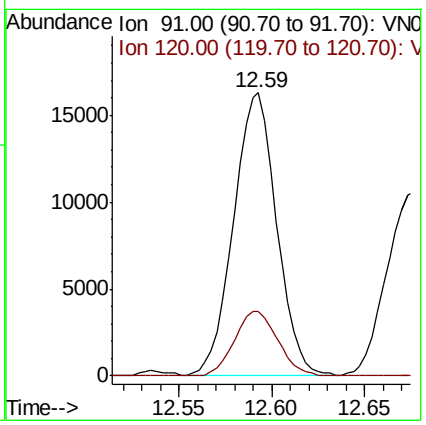


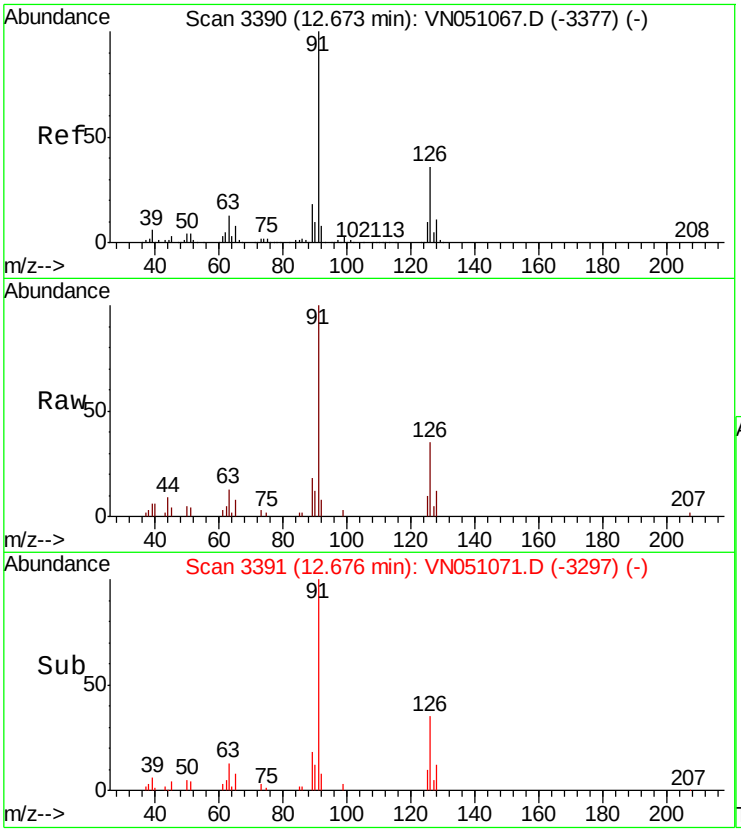




#78
n-propylbenzene
Concen: 1.044 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 91 Resp: 26342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.9 | 12.0 | 36.0 |



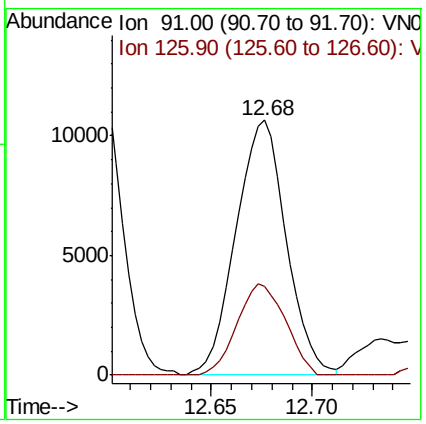


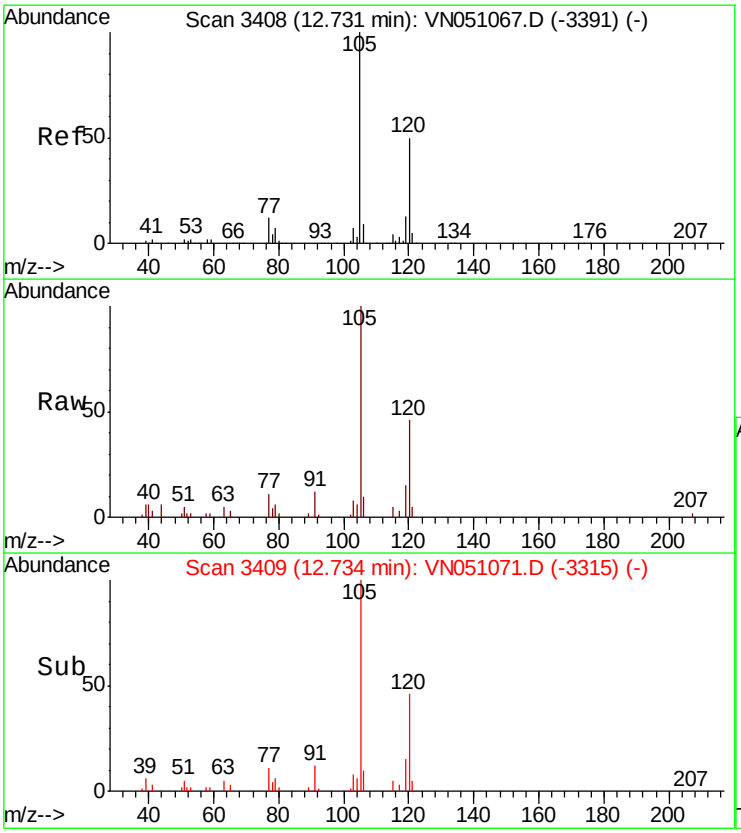

#79
2-Chlorotoluene
Concen: 1.181 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :** MSVOA_N
**ClientSampleId :** VSTDICC001

Tgt Ion: 91 Resp: 18633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.3 | 17.9 | 53.7 |

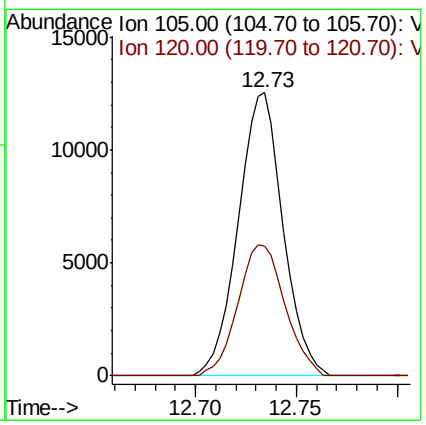


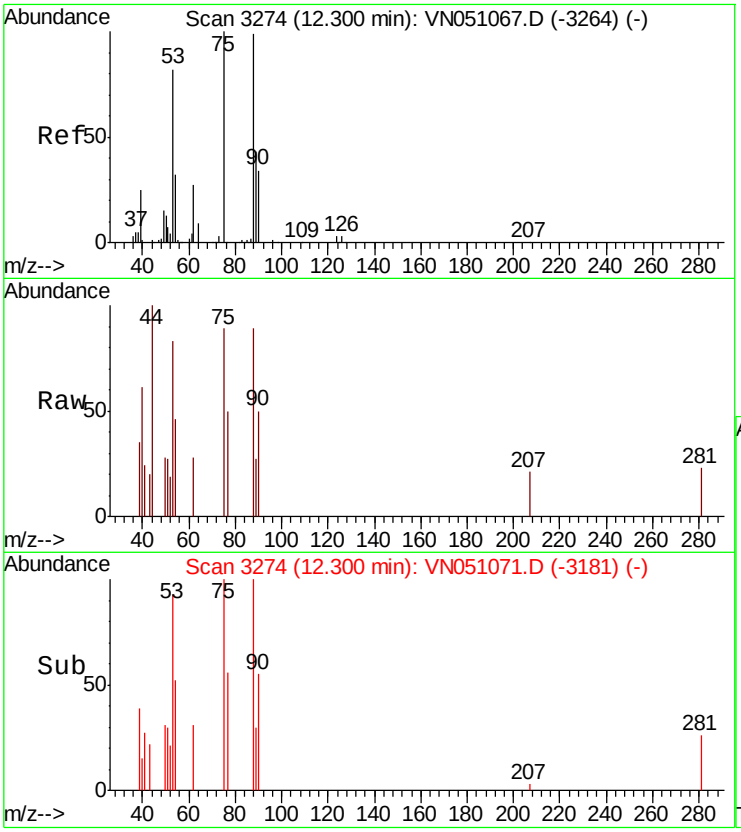




#80
1,3,5-Trimethylbenzene
Concen: 1.050 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:105 Resp: 19488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.7 | 24.9 | 74.6 |



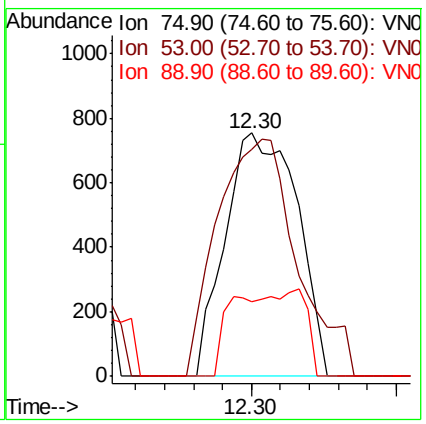


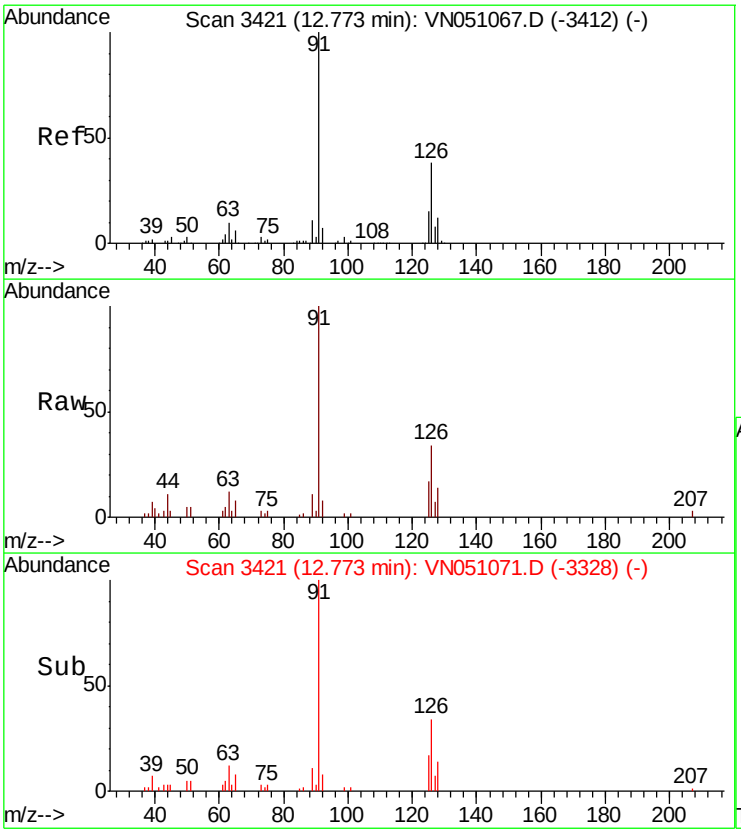

#81
trans-1,4-Dichloro-2-butene
Concen: 0.900 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 75 Resp: 1297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 108.7 | 67.8 | 101.8# |
| 89 | 13.7 | 36.0 | 54.0# |

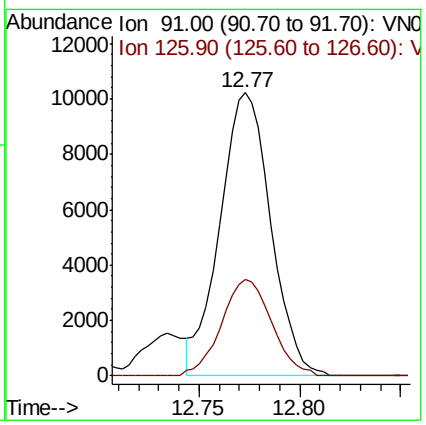


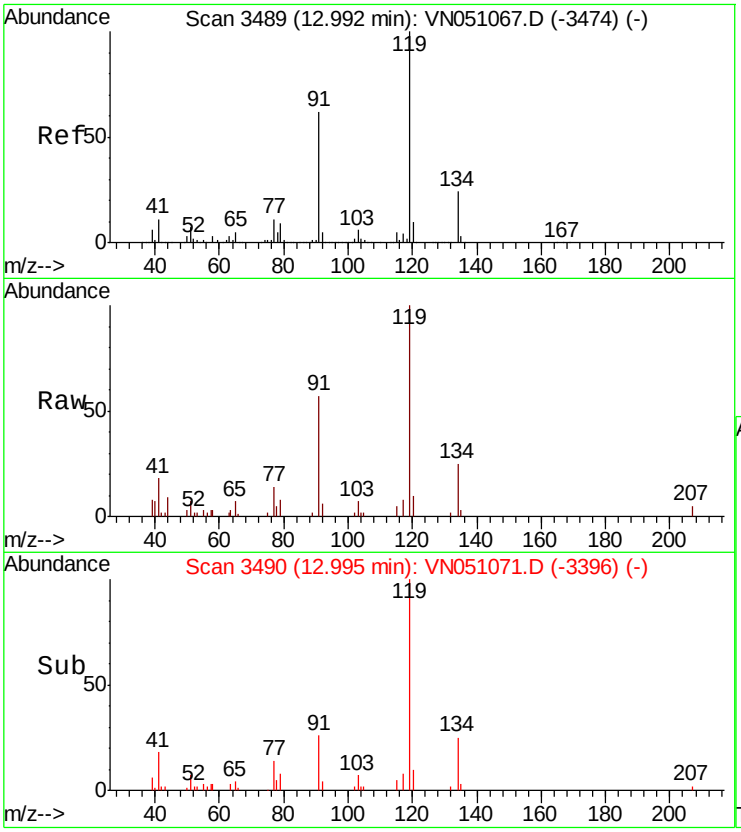




#82
4-Chlorotoluene
Concen: 1.152 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 91 Resp: 18038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.5 | 17.6 | 52.8 |



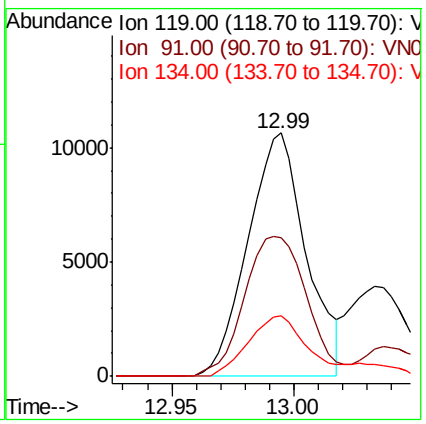


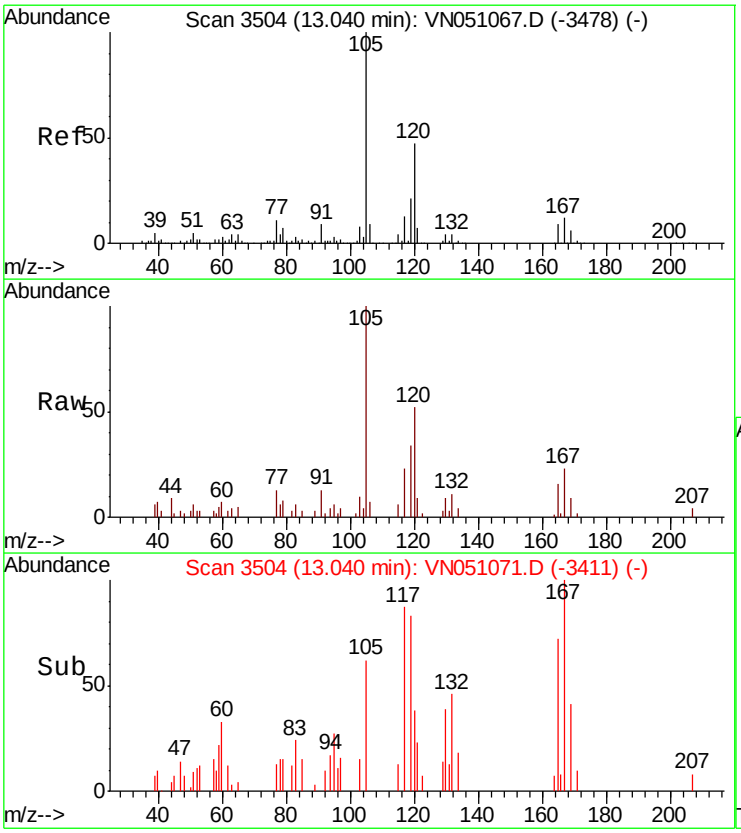

#83
tert-Butylbenzene
Concen: 1.076 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:119 Resp: 17638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 61.3 | 30.8 | 92.3 |
| 134 | 25.0 | 13.2 | 39.6 |

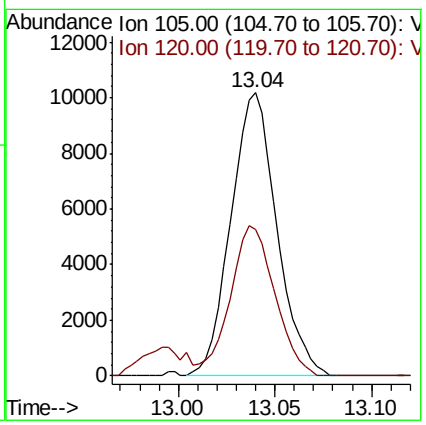


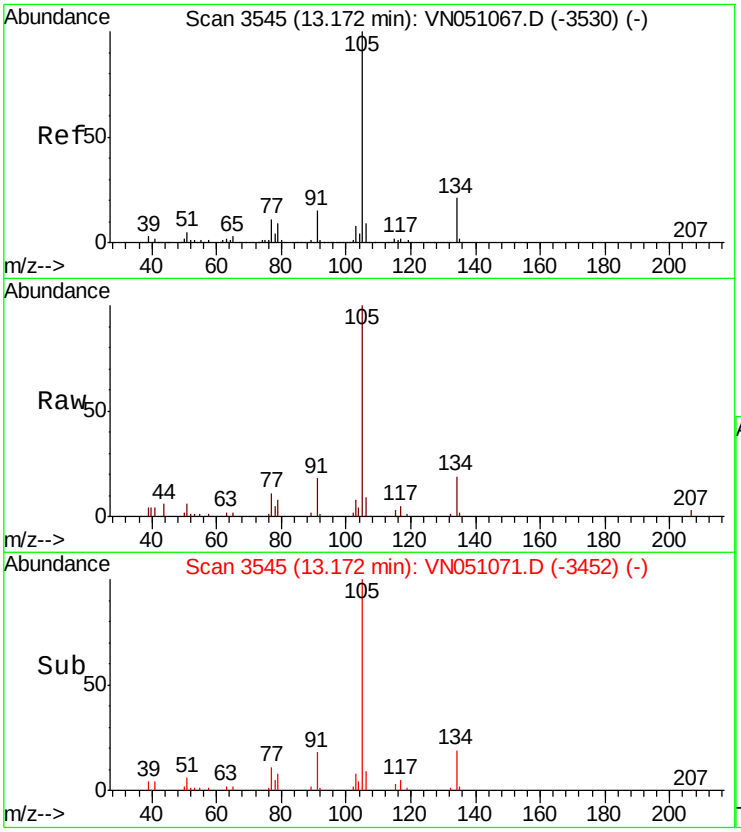




#84
1,2,4-Trimethylbenzene
Concen: 0.921 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:105 Resp: 16811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 51.1 | 23.3 | 69.8 |



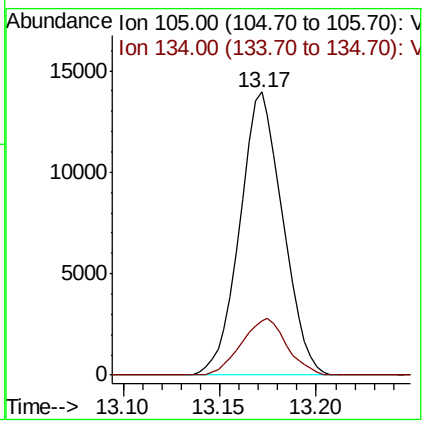


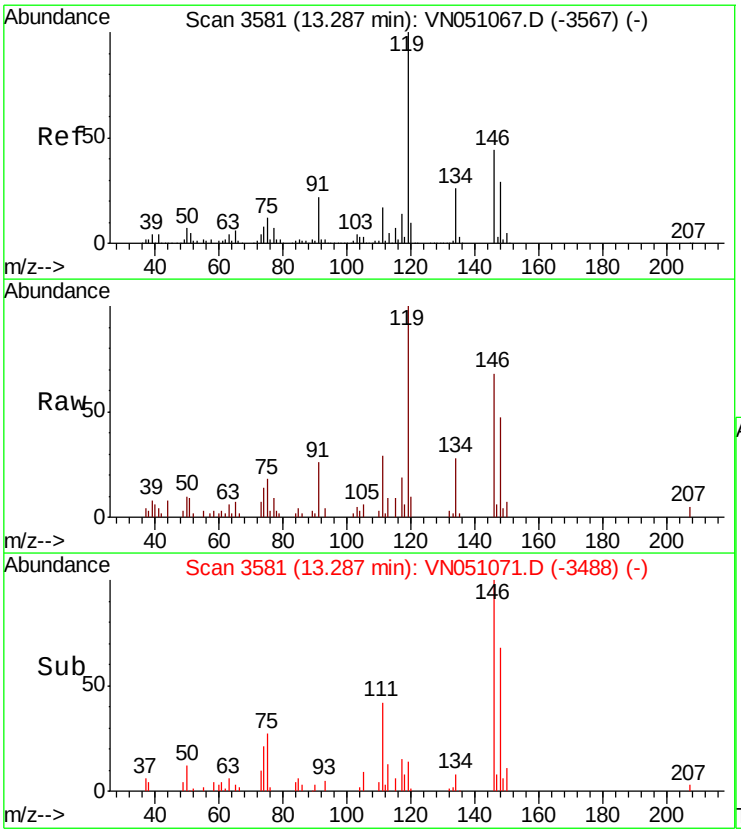

#85
sec-Butylbenzene
Concen: 1.027 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:105 Resp: 21585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.1 | 10.4 | 31.4 |

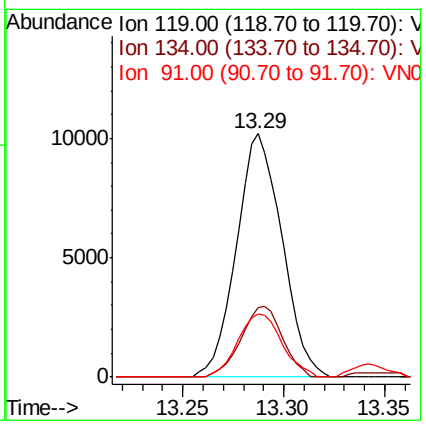


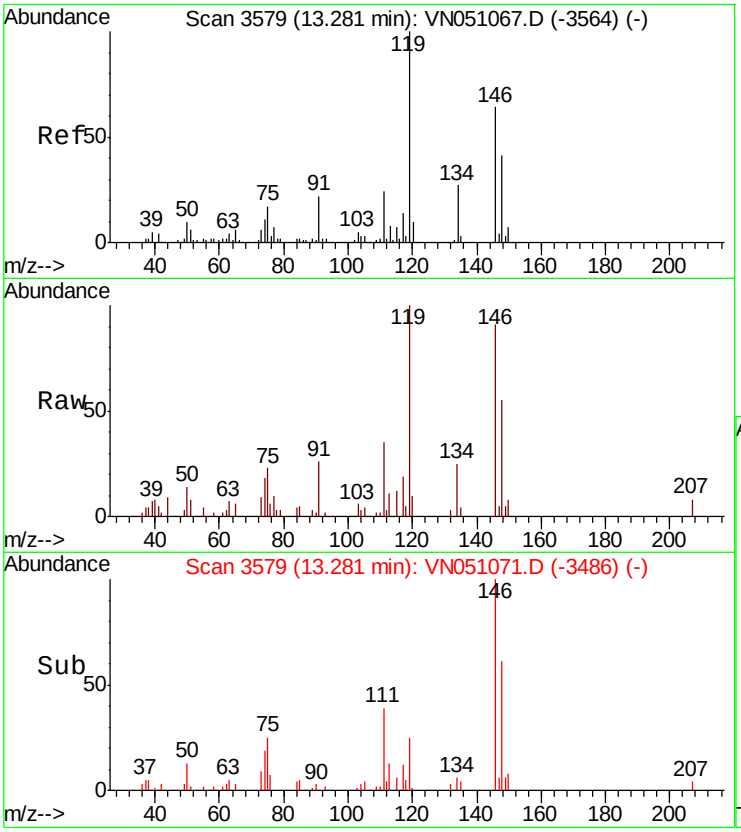




#86
p-Isopropyltoluene
Concen: 0.905 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:119 Resp: 16120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.4 | 13.5 | 40.4 |
| 91 | 25.2 | 10.9 | 32.9 |



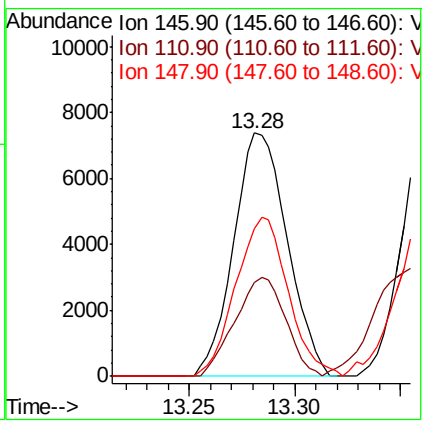


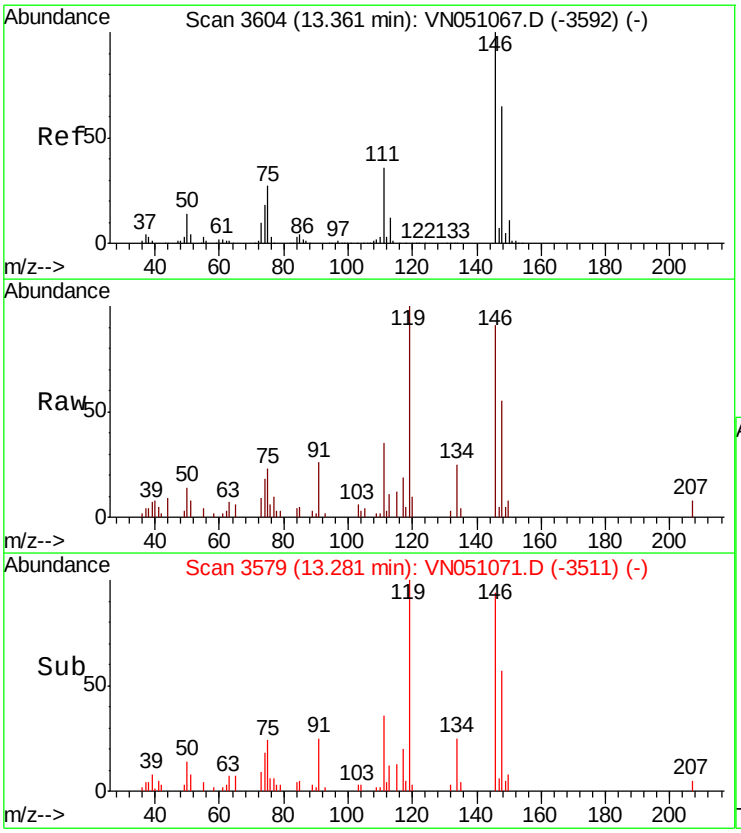

#87
1,3-Dichlorobenzene
Concen: 1.246 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:146 Resp: 13035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.5 | 19.1 | 57.1 |
| 148 | 63.8 | 32.2 | 96.6 |

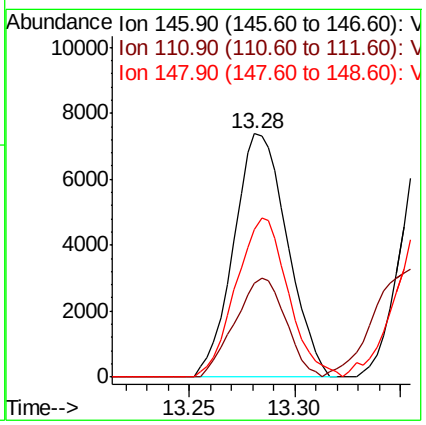


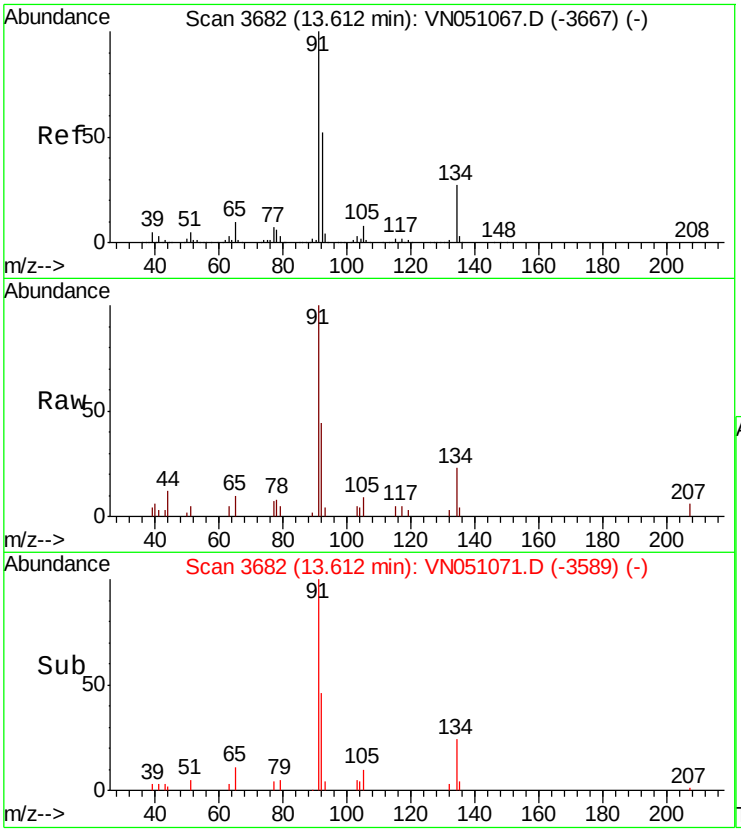




#88
1,4-Dichlorobenzene
Concen: 1.264 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.08 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:146 Resp: 13035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.5 | 18.4 | 55.0 |
| 148 | 63.8 | 32.2 | 96.6 |



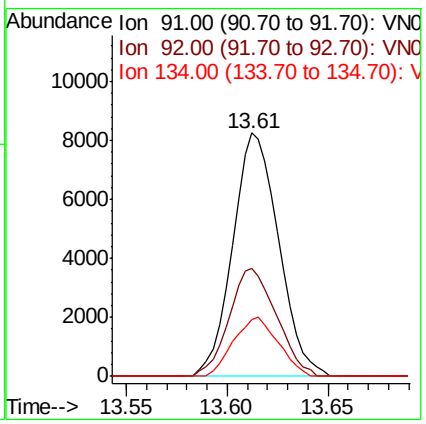


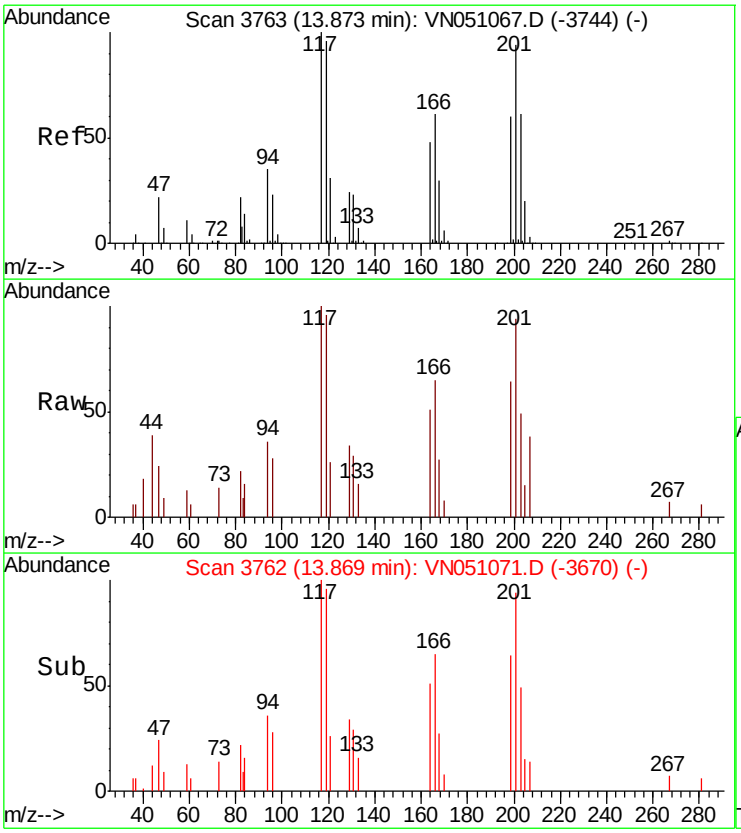

#89
n-Butylbenzene
Concen: 0.949 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion: 91 Resp: 13161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 45.5 | 26.2 | 78.6 |
| 134 | 23.7 | 13.7 | 41.1 |

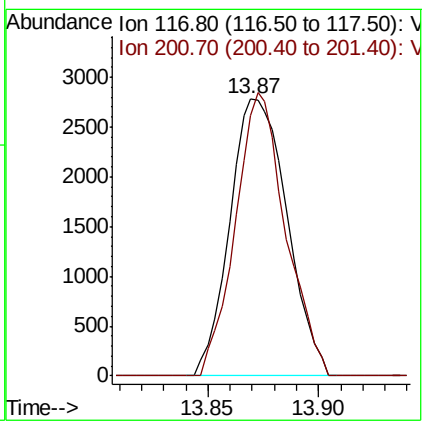


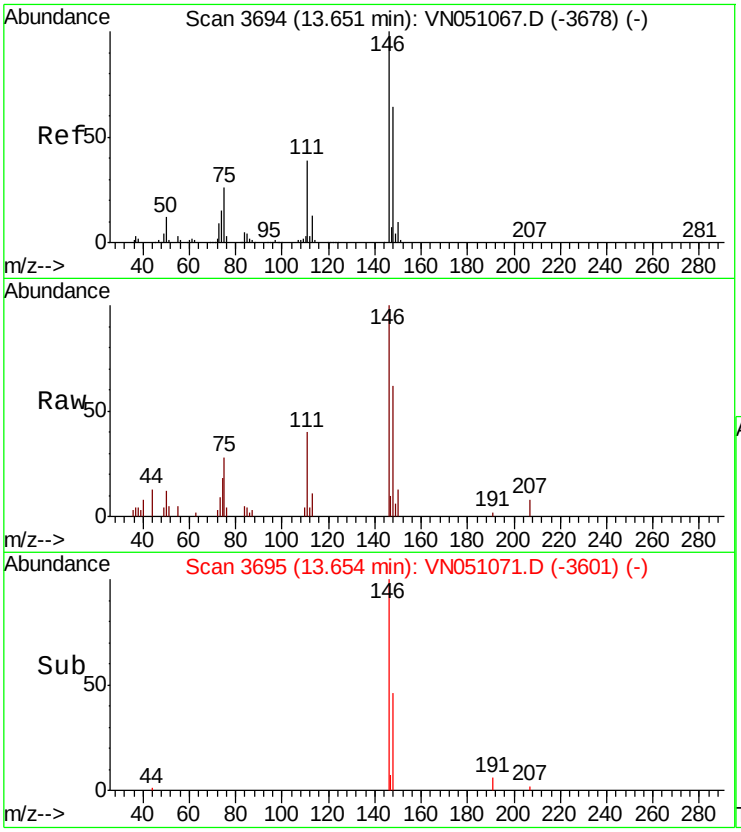




#90
Hexachloroethane
Concen: 1.371 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:117 Resp: 4994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 89.7 | 47.3 | 142.0 |



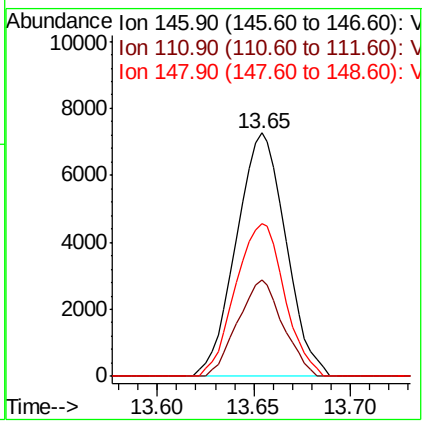


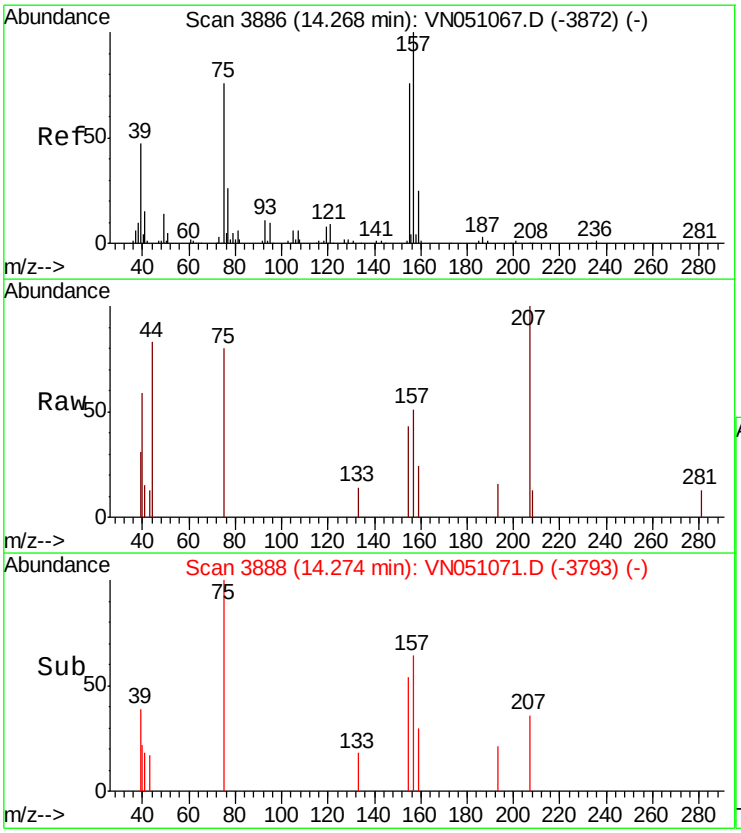

#91
1,2-Dichlorobenzene
Concen: 1.270 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:146 Resp: 12945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.1 | 19.7 | 59.0 |
| 148 | 62.0 | 32.1 | 96.3 |

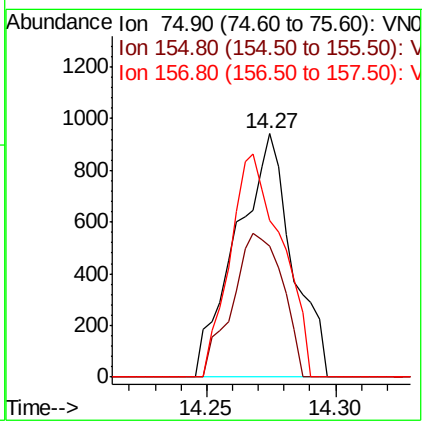


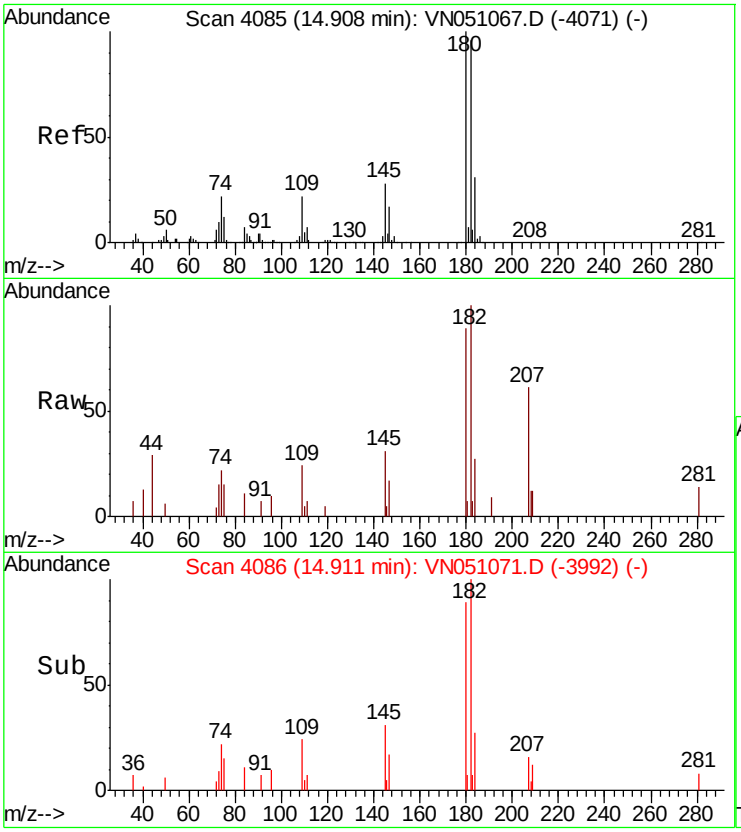




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.585 ug/l
RT: 14.27 min Scan# 3888
Delta R.T. 0.01 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion: 75 Resp: 1414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 53.3 | 48.7 | 146.1 |
| 157 | 84.9 | 63.6 | 190.9 |



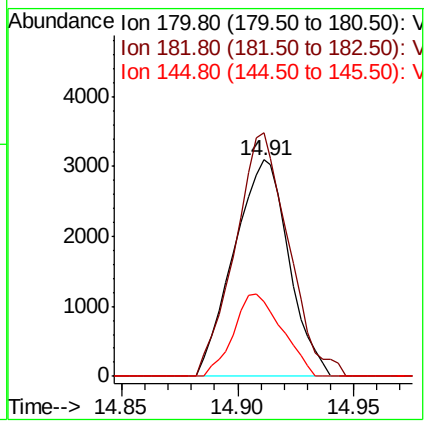


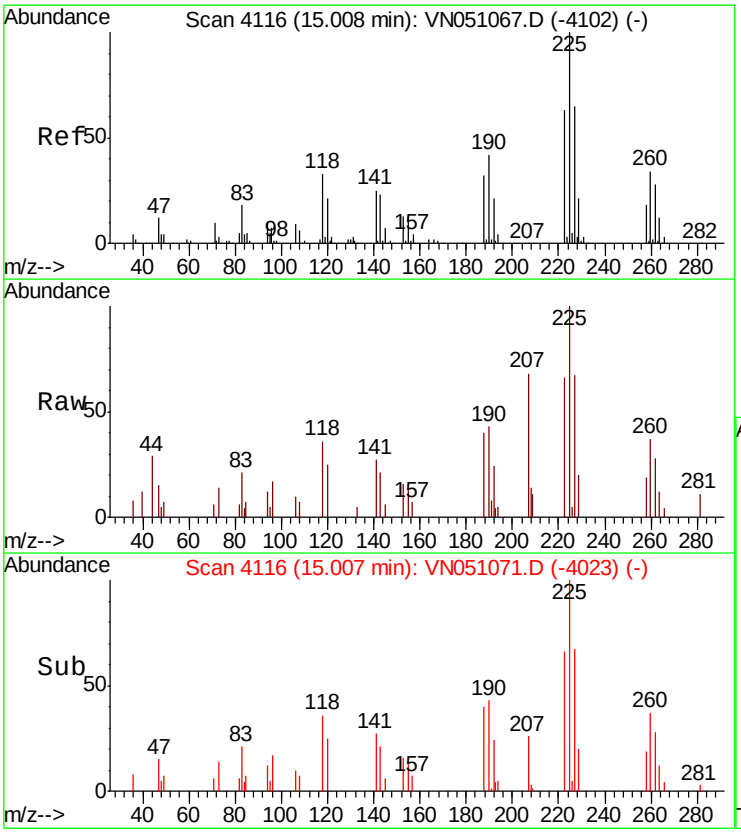

#93
1,2,4-Trichlorobenzene
Concen: 1.163 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:180 Resp: 5102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 109.9 | 47.3 | 141.8 |
| 145 | 33.6 | 14.2 | 42.6 |

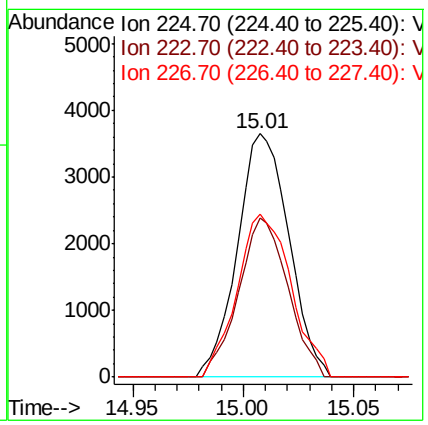


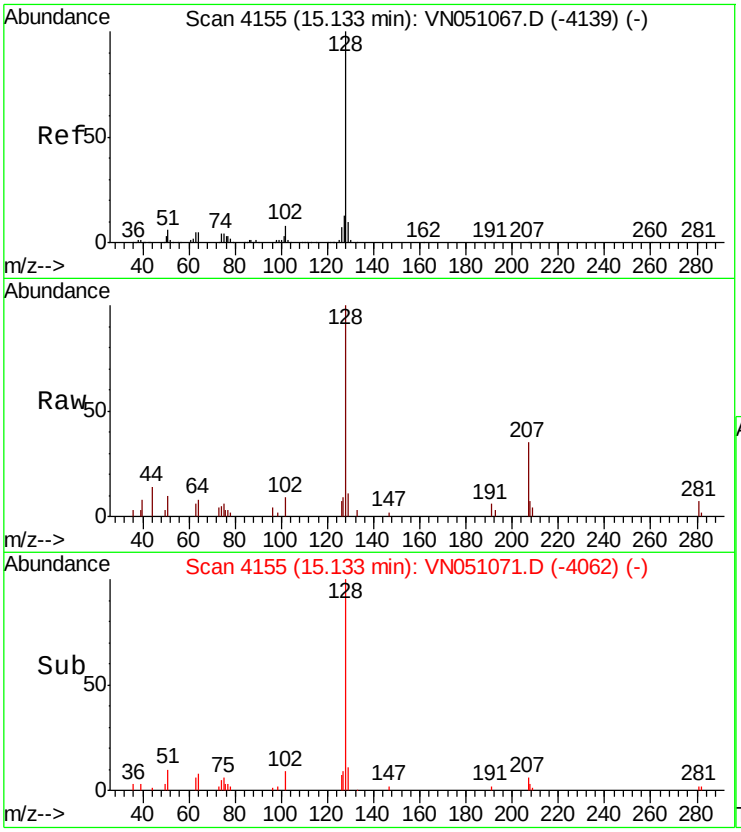




#94
Hexachlorobutadiene
Concen: 1.645 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:225 Resp: 5907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.5 | 31.4 | 94.0 |
| 227 | 70.0 | 32.1 | 96.3 |



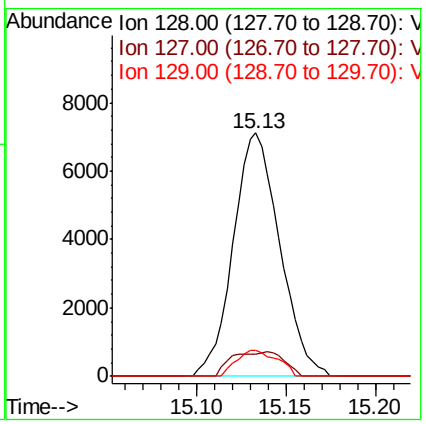


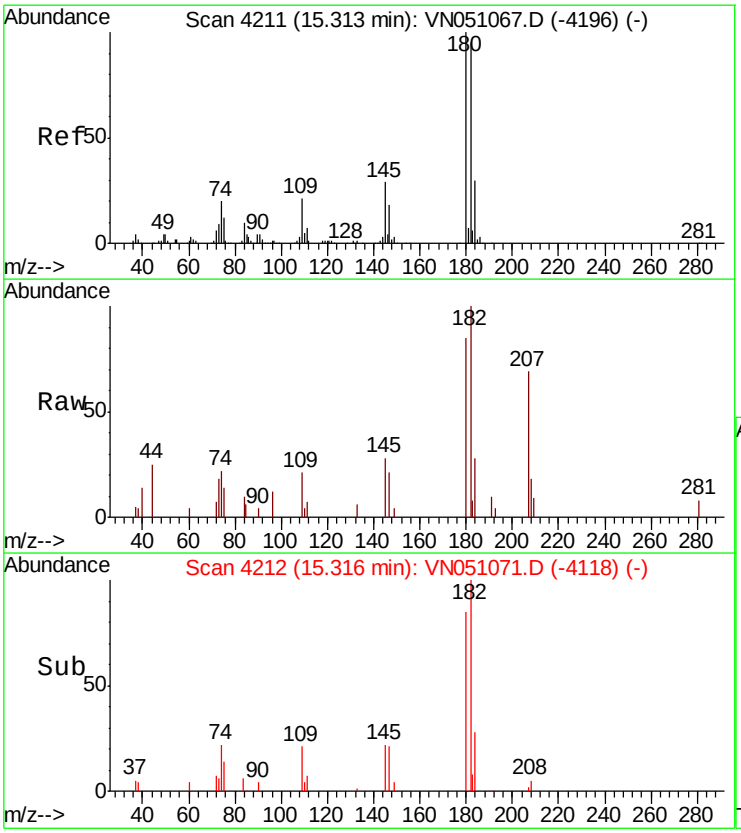

#95
Naphthalene
Concen: 1.387 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

**Instrument :**
MSVOA_N
**ClientSampleId :**
VSTDICC001

Tgt Ion:128 Resp: 12900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 11.4 | 10.6 | 15.8 |
| 129 | 9.5 | 8.6 | 12.8 |




#96
1,2,3-Trichlorobenzene
Concen: 1.394 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051071.D
Acq: 10 Sep 2018 11:01

Tgt Ion:180 Resp: 6340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 102.5 | 47.8 | 143.3 |
| 145 | 30.3 | 14.6 | 43.8 |