Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111318\
Data File : VN052302.D
Acq On : 13 Nov 2018 22:10
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 28

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

Quant Time: Nov 14 00:03:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 7.20 | 128 | 45113 | 30.00 | ug/l | | 0.00 |
| 28) 1,4-Difluorobenzene | 8.59 | 114 | 264542 | 30.00 | ug/l | | 0.00 |
| 57) Chlorobenzene-d5 | 11.41 | 117 | 235639 | 30.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 8.03 | 65 | 112033 | 33.46 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 111.53% | | | | |
| 60) 4-Bromofluorobenzene | 12.40 | 95 | 109288 | 28.99 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 96.63% | | | | |
| 63) Toluene-d8 | 10.09 | 98 | 336428 | 30.36 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 101.20% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 69792 | 23.163 | ug/l | | 100 |
| 3) Chloromethane | 2.06 | 50 | 81258 | 23.597 | ug/l | | 98 |
| 4) Vinyl Chloride | 2.19 | 62 | 70682 | 20.924 | ug/l | | 99 |
| 5) Bromomethane | 2.58 | 94 | 38896 | 16.869 | ug/l | | 98 |
| 6) Chloroethane | 2.71 | 64 | 37920 | 17.556 | ug/l | | 98 |
| 7) Trichlorofluoromethane | 3.02 | 101 | 94290 | 20.612 | ug/l | | 100 |
| 8) Diethyl Ether | 3.41 | 74 | 33510 | 21.695 | ug/l | | 84 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 57327 | 21.441 | ug/l | | 97 |
| 10) 1,1-Dichloroethene | 3.74 | 96 | 52238 | 20.939 | ug/l | | 95 |
| 11) Methyl Iodide | 3.96 | 142 | 74104 | 20.544 | ug/l | | 99 |
| 12) Methyl Acetate | 4.33 | 43 | 56998 | 27.143 | ug/l | | 91 |
| 13) Acrolein | 3.61 | 56 | 18461 | 82.885 | ug/l | | 99 |
| 14) Acrylonitrile | 4.99 | 53 | 108834 | 116.872 | ug/l | | 98 |
| 15) Acetone | 3.82 | 58 | 24784 | 112.609 | ug/l | | 77 |
| 16) Carbon Disulfide | 4.06 | 76 | 142547 | 19.351 | ug/l | | 99 |
| 17) Allyl chloride | 4.33 | 41 | 93439 | 22.059 | ug/l | | 96 |
| 18) Methylene Chloride | 4.55 | 84 | 63778 | 20.712 | ug/l | # | 85 |
| 19) trans-1,2-Dichloroethene | 5.05 | 96 | 55854 | 20.433 | ug/l | | 99 |
| 20) Diisopropyl ether | 5.95 | 45 | 229016 | 24.881 | ug/l | | 96 |
| 21) 1,1-Dichloroethane | 5.85 | 63 | 119049 | 22.131 | ug/l | | 99 |
| 22) cis-1,2-Dichloroethene | 6.83 | 96 | 65677 | 20.576 | ug/l | | 94 |
| 23) tert-Butyl Alcohol | 4.78 | 59 | 18890 | 130.195 | ug/l | # | 99 |
| 24) Methyl tert-Butyl Ether | 5.05 | 73 | 156784 | 22.168 | ug/l | | 96 |
| 25) Chloroform | 7.37 | 83 | 114408 | 21.182 | ug/l | | 94 |
| 26) Cyclohexane | 7.65 | 56 | 103290 | 21.420 | ug/l | # | 87 |
| 29) 1,1-Dichloropropene | 7.80 | 75 | 86133 | 20.508 | ug/l | | 98 |
| 30) 2-Butanone | 6.84 | 43 | 135151 | 120.833 | ug/l | # | 82 |
| 31) 2,2-Dichloropropane | 6.83 | 77 | 78277 | 18.093 | ug/l | | 97 |
| 32) 1,1,1-Trichloroethane | 7.57 | 97 | 94091 | 20.022 | ug/l | | 98 |
| 33) Carbon Tetrachloride | 7.78 | 117 | 79899 | 19.118 | ug/l | | 95 |
| 34) Benzene | 8.04 | 78 | 253986 | 20.653 | ug/l | | 95 |
| 35) Methacrylonitrile | 7.17 | 41 | 31888 | 20.786 | ug/l | # | 73 |
| 36) 1,2-Dichloroethane | 8.13 | 62 | 88788 | 21.594 | ug/l | | 100 |
| 37) Trichloroethene | 8.84 | 130 | 60947 | 19.801 | ug/l | | 93 |
| 38) Methylcyclohexane | 9.08 | 83 | 96029 | 18.743 | ug/l | | 94 |
| 39) 1,2-Dichloropropane | 9.12 | 63 | 72860 | 22.257 | ug/l | | 90 |
| 40) Dibromomethane | 9.21 | 93 | 41840 | 20.735 | ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111318\
Data File : VN052302.D
Acq On : 13 Nov 2018 22:10
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 28

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

Quant Time: Nov 14 00:03:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Bromodichloromethane | 9.40 | 83 | 83422 | 20.206 ug/l | | 99 |
| 42) Vinyl Acetate | 5.90 | 43 | 777695 | 118.770 ug/l | | 96 |
| 43) Ethyl Acetate | 6.84 | 43 | 135151 | 24.044 ug/l | # | 86 |
| 44) Isopropyl Acetate | 8.17 | 43 | 125449 | 26.956 ug/l | # | 86 |
| 45) 1,4-Dioxane | 9.20 | 88 | 9414 | 443.417 ug/l | # | 68 |
| 46) Methyl methacrylate | 9.20 | 41 | 58329 | 25.179 ug/l | | 89 |
| 47) n-amyl Acetate | 12.07 | 43 | 96374 | 22.845 ug/l | # | 100 |
| 48) t-1,3-Dichloropropene | 10.38 | 75 | 81939 | 19.987 ug/l | | 99 |
| 49) cis-1,3-Dichloropropene | 9.84 | 75 | 95956 | 20.279 ug/l | # | 88 |
| 50) 1,1,2-Trichloroethane | 10.56 | 97 | 54363 | 20.374 ug/l | | 95 |
| 51) Ethyl methacrylate | 10.43 | 69 | 71722 | 20.798 ug/l | | 79 |
| 52) 1,3-Dichloropropane | 10.71 | 76 | 98229 | 21.135 ug/l | | 99 |
| 53) Dibromochloromethane | 10.90 | 129 | 57756 | 20.050 ug/l | | 98 |
| 54) 1,2-Dibromoethane | 11.01 | 107 | 54262 | 20.054 ug/l | | 96 |
| 55) 2-Chloroethyl vinyl ether | 9.70 | 63 | 198739 | 105.245 ug/l | | 98 |
| 56) Bromoform | 12.13 | 173 | 33018 | 19.846 ug/l | | 98 |
| 58) 4-Methyl-2-Pentanone | 9.99 | 43 | 318722 | 126.227 ug/l | | 95 |
| 59) 2-Hexanone | 10.75 | 43 | 209419 | 120.456 ug/l | | 94 |
| 61) Tetrachloroethene | 10.63 | 164 | 54524 | 21.276 ug/l | | 92 |
| 62) Toluene | 10.16 | 91 | 273737 | 20.694 ug/l | | 100 |
| 64) Chlorobenzene | 11.43 | 112 | 164615 | 19.636 ug/l | | 98 |
| 65) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 57259 | 20.067 ug/l | | 96 |
| 66) Ethyl Benzene | 11.51 | 91 | 285704 | 19.996 ug/l | | 96 |
| 67) m/p-Xylenes | 11.62 | 106 | 213027 | 38.725 ug/l | | 99 |
| 68) o-Xylene | 11.95 | 106 | 104783 | 19.979 ug/l | | 96 |
| 69) Styrene | 11.96 | 104 | 164867 | 19.508 ug/l | | 96 |
| 70) Isopropylbenzene | 12.25 | 105 | 275282 | 19.553 ug/l | | 99 |
| 71) 1,1,2,2-Tetrachloroethane | 12.50 | 83 | 68698 | 22.184 ug/l | | 98 |
| 72) 1,2,3-Trichloropropane | 12.55 | 75 | 85256 | 31.312 ug/l | | 50 |
| 73) Bromobenzene | 12.53 | 156 | 61725 | 19.786 ug/l | | 99 |
| 74) n-propylbenzene | 12.59 | 91 | 316208 | 19.287 ug/l | | 99 |
| 75) 2-Chlorotoluene | 12.67 | 91 | 189762 | 20.076 ug/l | | 99 |
| 76) 1,3,5-Trimethylbenzene | 12.73 | 105 | 222363 | 19.696 ug/l | | 99 |
| 77) t-1,4-Dichloro-2-butene | 12.30 | 75 | 16314 | 19.149 ug/l | | 90 |
| 78) 4-Chlorotoluene | 12.77 | 91 | 189253 | 19.882 ug/l | | 98 |
| 79) tert-butylbenzene | 12.99 | 119 | 192625 | 19.587 ug/l | | 97 |
| 80) 1,2,4-Trimethylbenzene | 13.04 | 105 | 221154 | 19.664 ug/l | | 99 |
| 81) sec-Butylbenzene | 13.17 | 105 | 262270 | 19.379 ug/l | | 98 |
| 82) p-Isopropyltoluene | 13.29 | 119 | 221654 | 19.380 ug/l | | 99 |
| 83) 1,3-Dichlorobenzene | 13.28 | 146 | 108948 | 19.743 ug/l | | 96 |
| 84) 1,4-Dichlorobenzene | 13.36 | 146 | 104978 | 19.217 ug/l | | 97 |
| 85) n-Butylbenzene | 13.62 | 91 | 185405 | 18.729 ug/l | | 98 |
| 86) Hexachloroethane | 13.87 | 117 | 38135 | 19.758 ug/l | | 96 |
| 87) 1,2-Dichlorobenzene | 13.65 | 146 | 106140 | 20.245 ug/l | | 97 |
| 88) 1,2-Dibromo-3-Chloropropan | 14.27 | 75 | 8717 | 20.586 ug/l | # | 87 |
| 89) 1,2,4-Trichlorobenzene | 14.91 | 180 | 43560 | 20.468 ug/l | | 99 |
| 90) Hexachlorobutadiene | 15.01 | 225 | 23510 | 20.191 ug/l | | 100 |
| 91) Naphthalene | 15.13 | 128 | 98236 | 20.026 ug/l | | 98 |
| 92) 1,2,3-Trichlorobenzene | 15.31 | 180 | 39474 | 21.282 ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111318\
Data File : VN052302.D
Acq On : 13 Nov 2018 22:10
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 28

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

Quant Time: Nov 14 00:03:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 2018
Response via : Initial Calibration

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

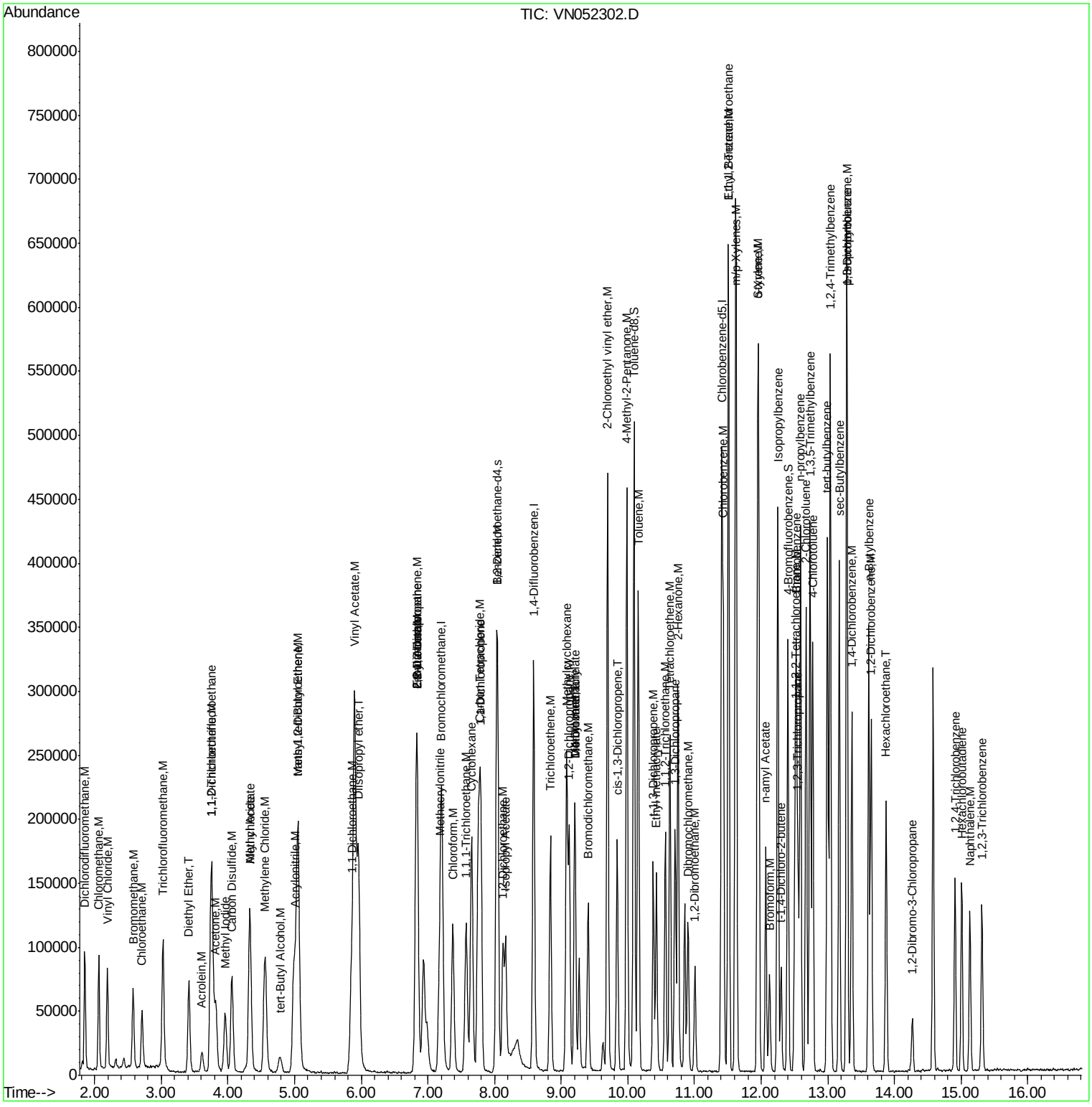
(#) = qualifier out of range (m) = manual integration (+) = signals summed

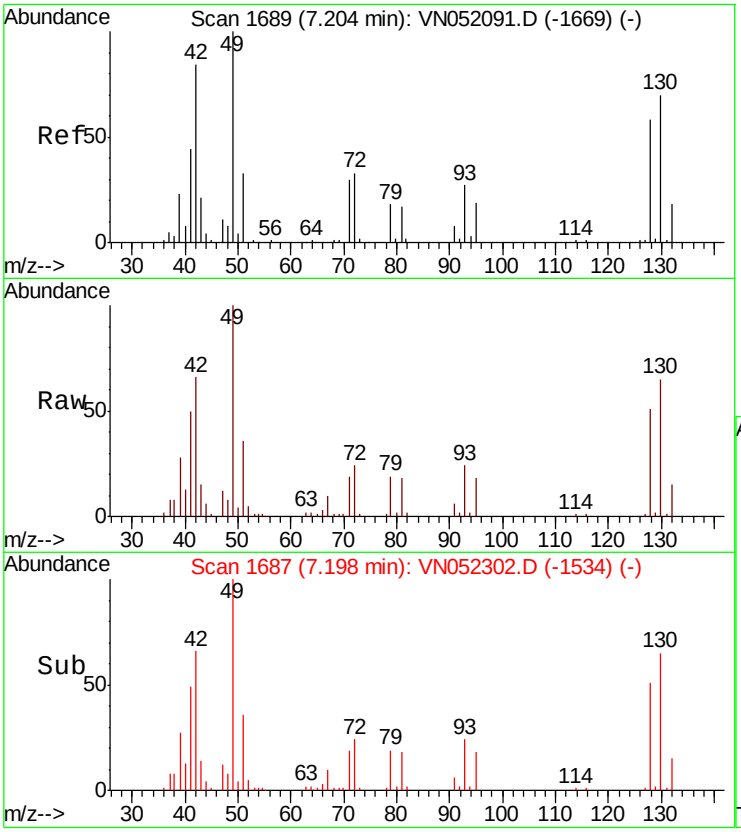
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111318\
Data File : VN052302.D
Acq On : 13 Nov 2018 22:10
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 28

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

Quant Time: Nov 13 23:44:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 2018
Response via : Initial Calibration



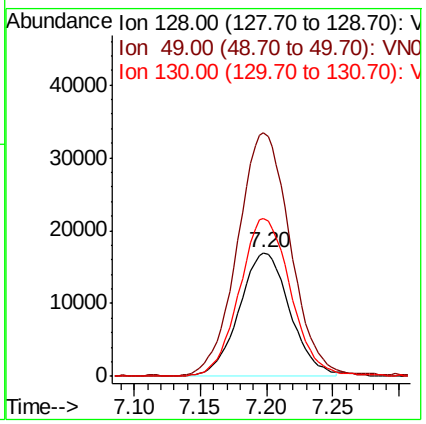


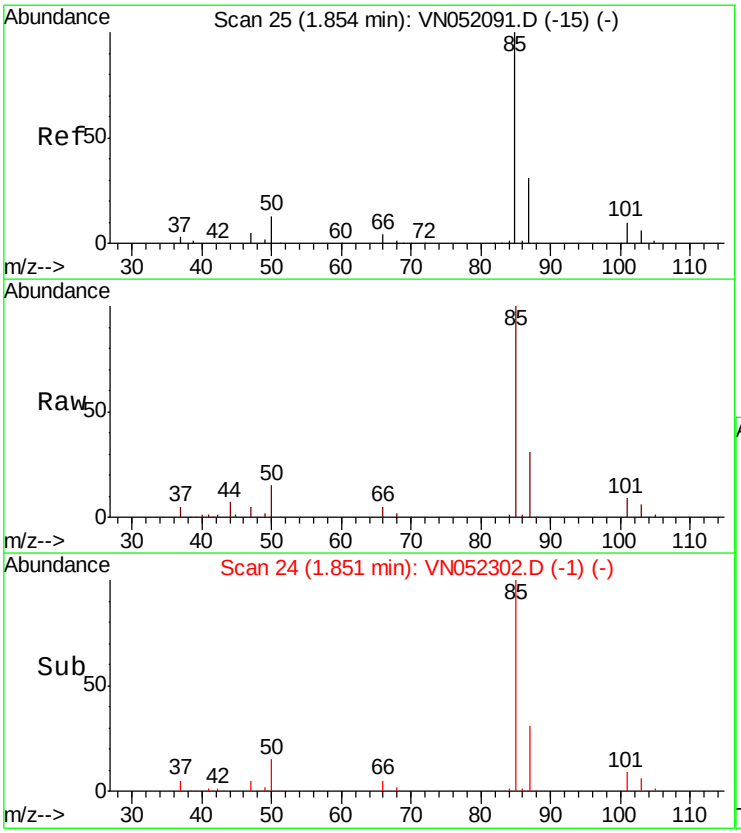

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:128 Resp: 45113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 206.0 | 0.0 | 453.7 |
| 130 | 130.0 | 0.0 | 308.8 |

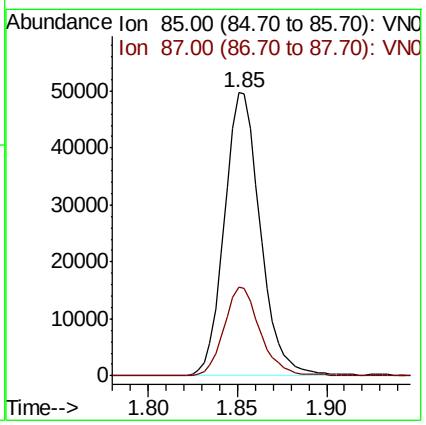


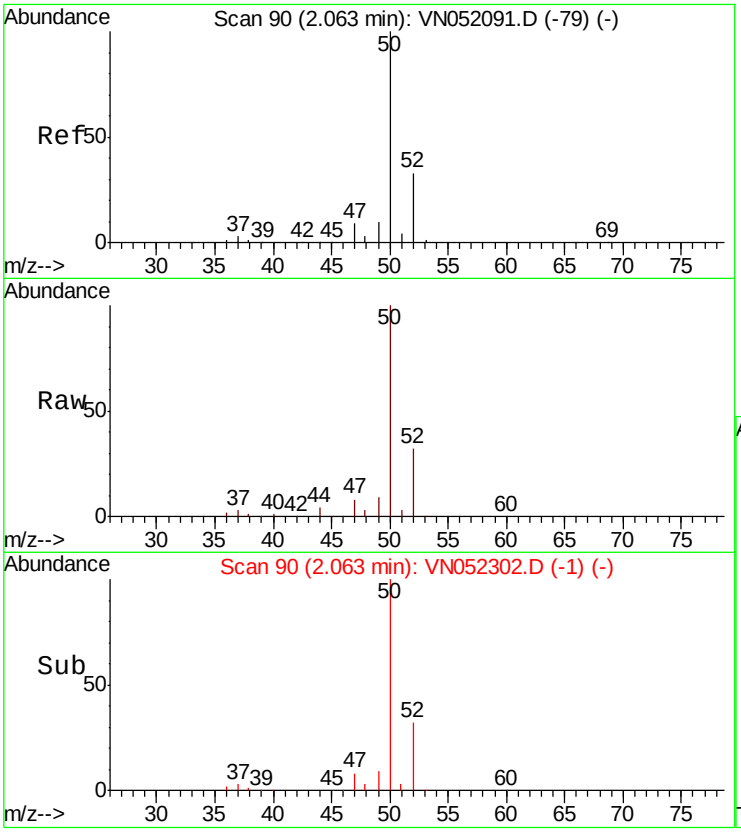




#2
Dichlorodifluoromethane
Concen: 23.163 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 85 Resp: 69792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.3 | 15.7 | 47.1 |



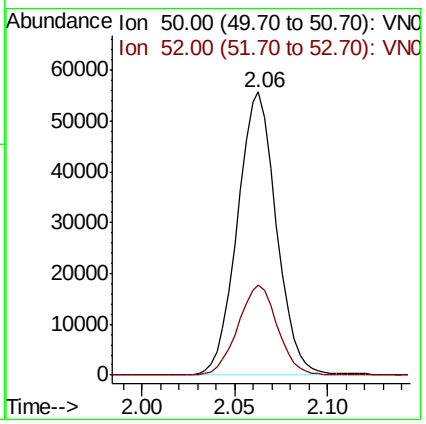


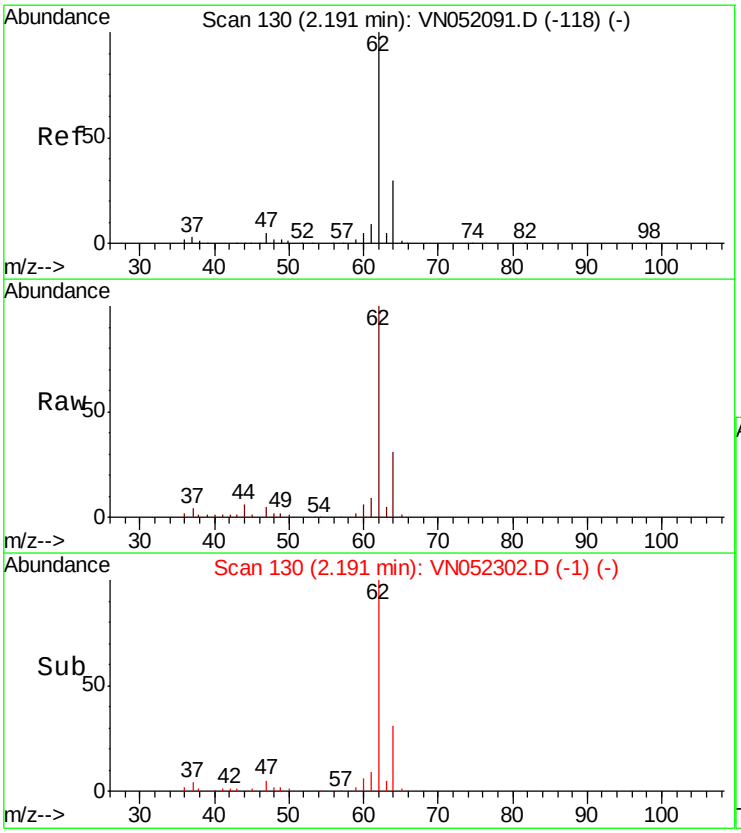

#3
Chloromethane
Concen: 23.597 ug/l
RT: 2.06 min Scan# 90
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 50 Resp: 81258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.0 | 26.5 | 39.7 |

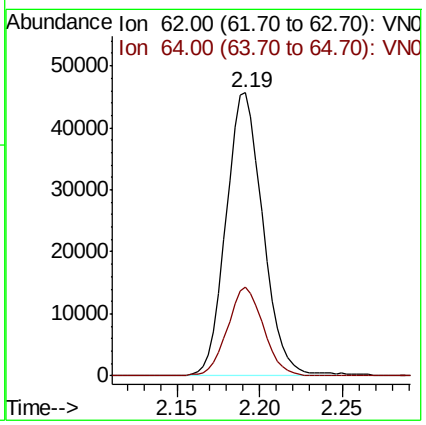


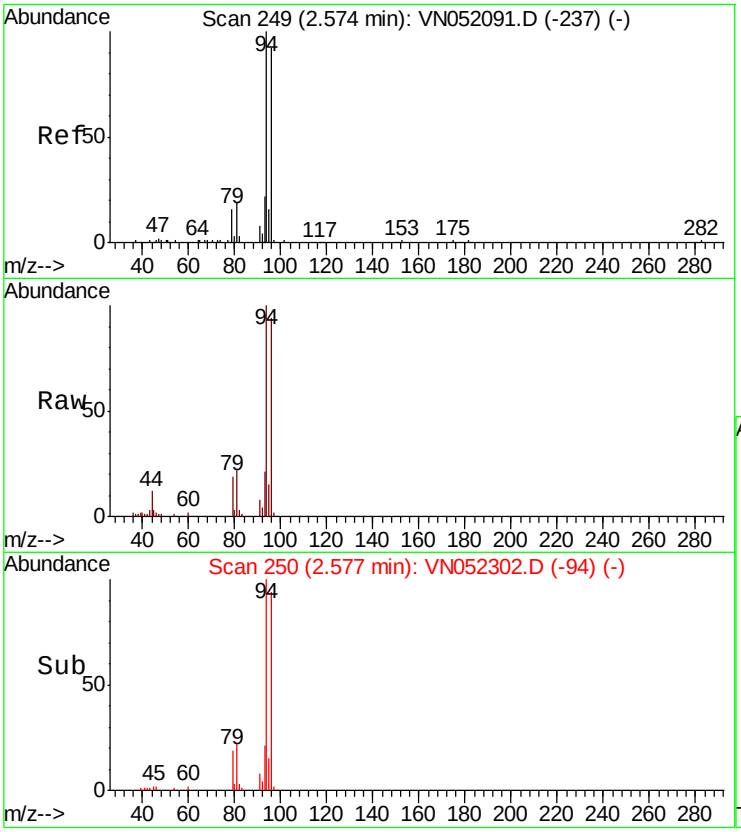




#4
Vinyl Chloride
Concen: 20.924 ug/l
RT: 2.19 min Scan# 130
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 62 Resp: 70682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.9 | 24.2 | 36.4 |



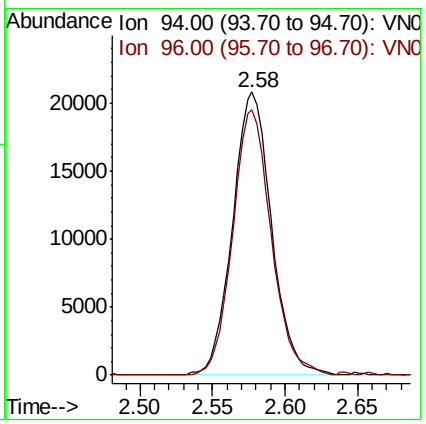


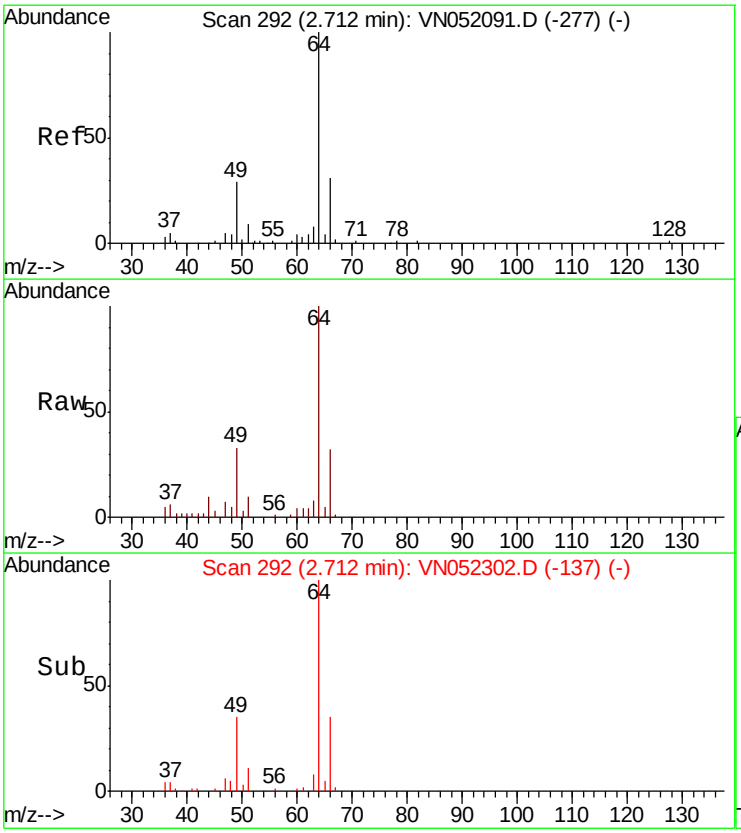

#5
Bromomethane
Concen: 16.869 ug/l
RT: 2.58 min Scan# 250
Delta R.T. 0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 94 Resp: 38896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.8 | 73.4 | 110.0 |

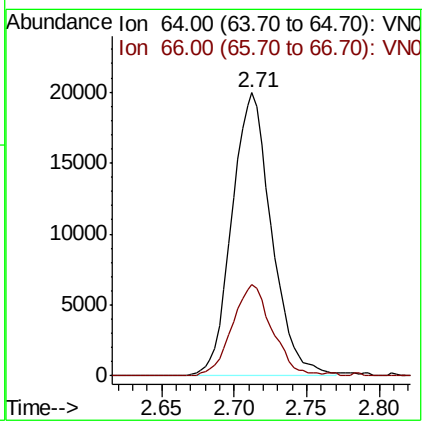


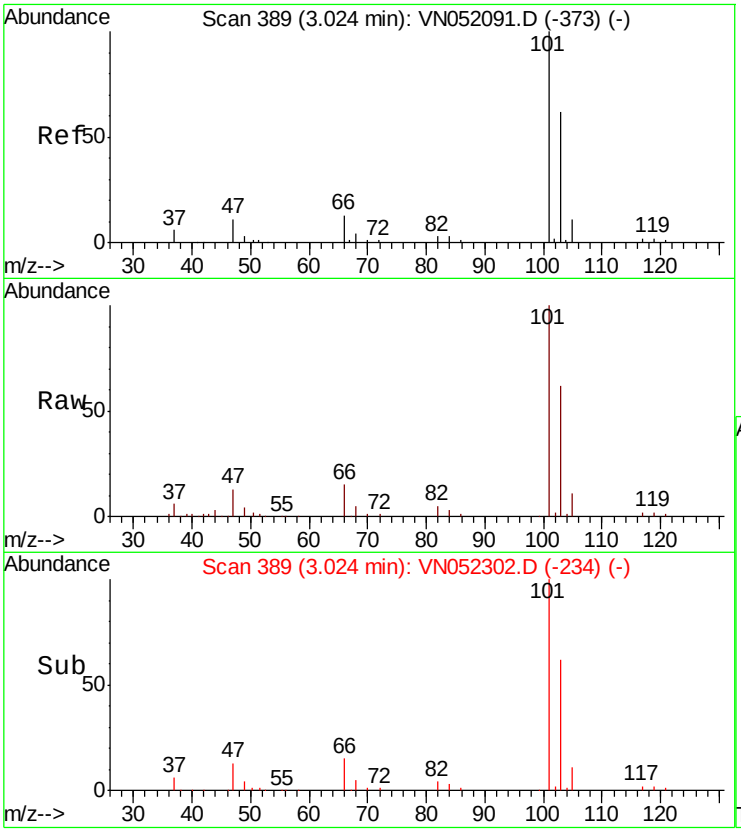




#6
Chloroethane
Concen: 17.556 ug/l
RT: 2.71 min Scan# 292
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 64 Resp: 37920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.3 | 24.7 | 37.1 |



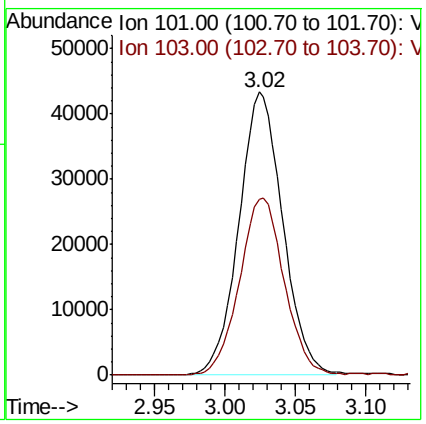


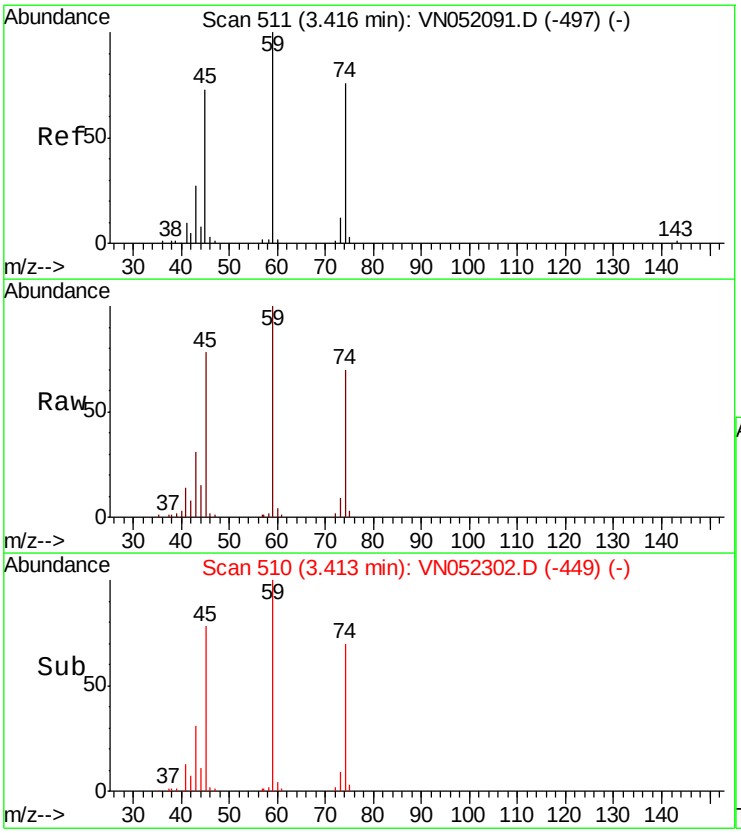

#7
Trichlorofluoromethane
Concen: 20.612 ug/l
RT: 3.02 min Scan# 389
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:101 Resp: 94290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.2 | 49.5 | 74.3 |

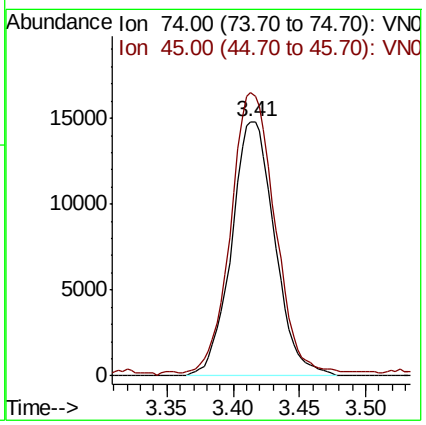


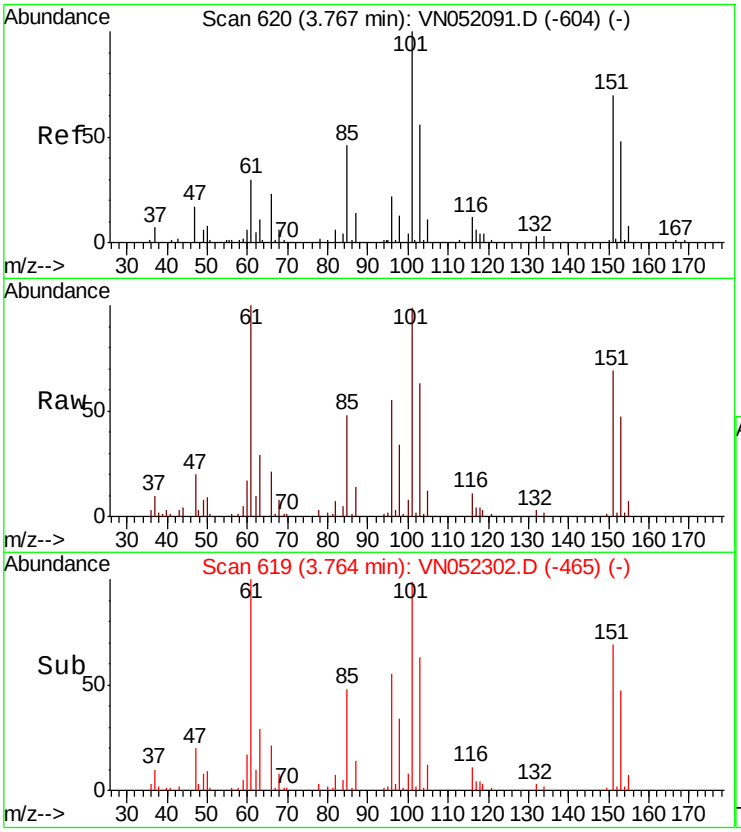




#8
Diethyl Ether
Concen: 21.695 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 74 Resp: 33510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 112.5 | 19.4 | 174.4 |



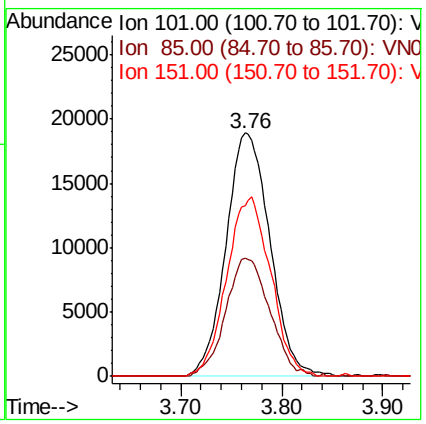


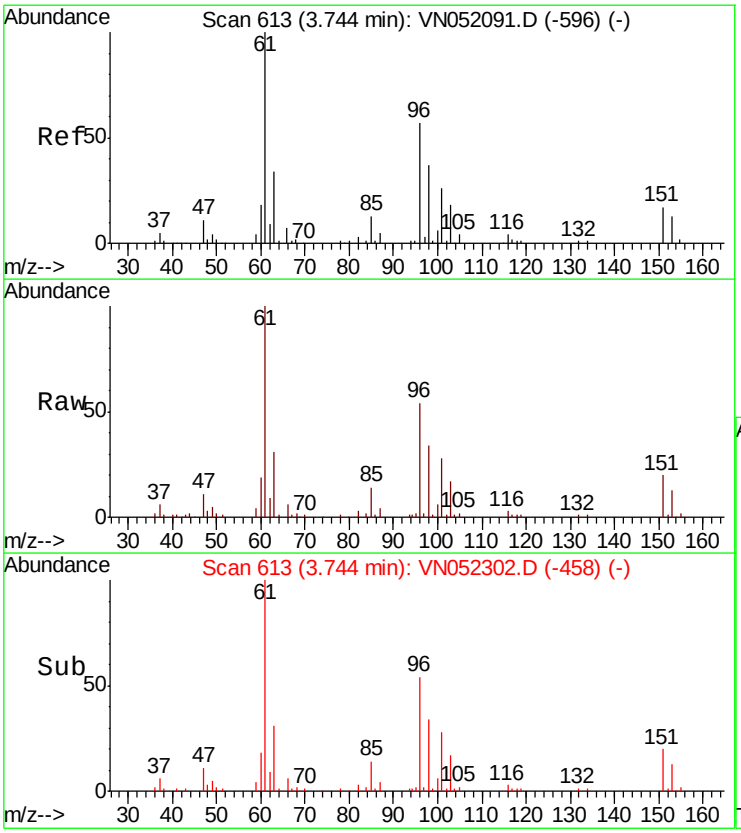

#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.441 ug/l
RT: 3.76 min Scan# 619
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:101 Resp: 57327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 48.0 | 0.0 | 98.0 |
| 151 | 73.5 | 0.0 | 139.6 |

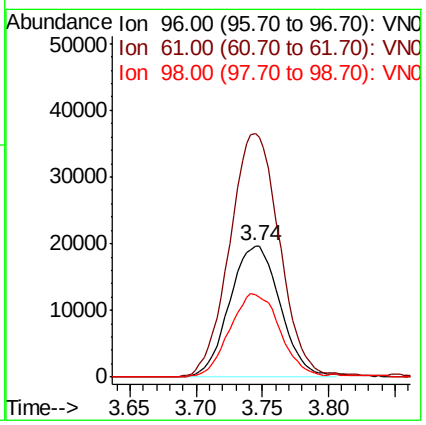


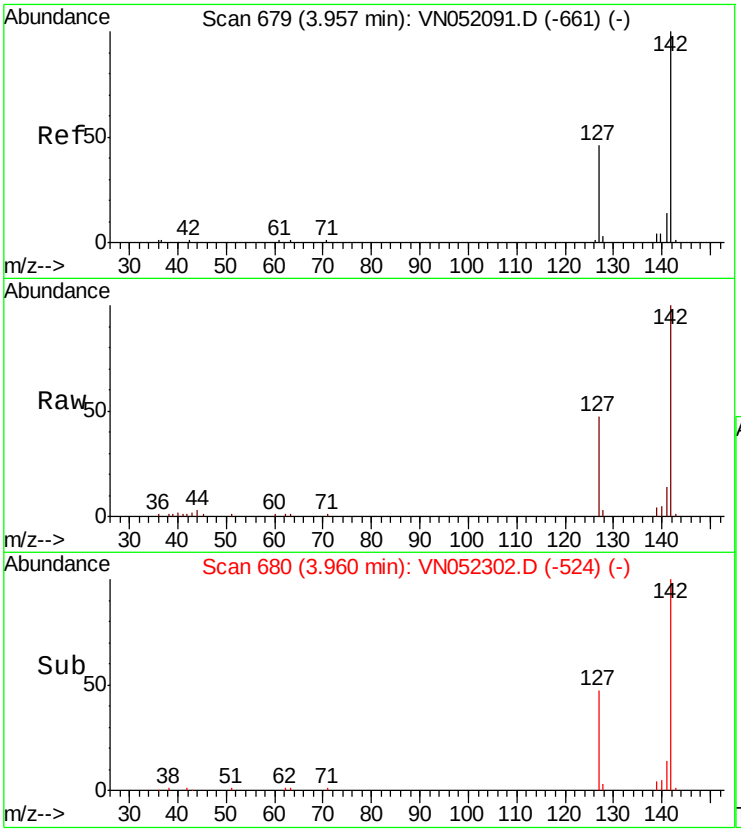




#10
1,1-Dichloroethene
Concen: 20.939 ug/l
RT: 3.74 min Scan# 613
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 96 Resp: 52238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 184.1 | 140.3 | 210.5 |
| 98 | 62.9 | 52.0 | 78.0 |



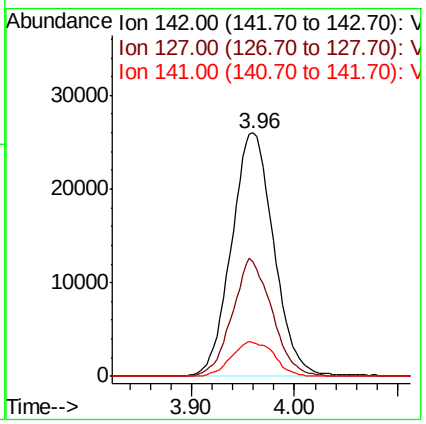


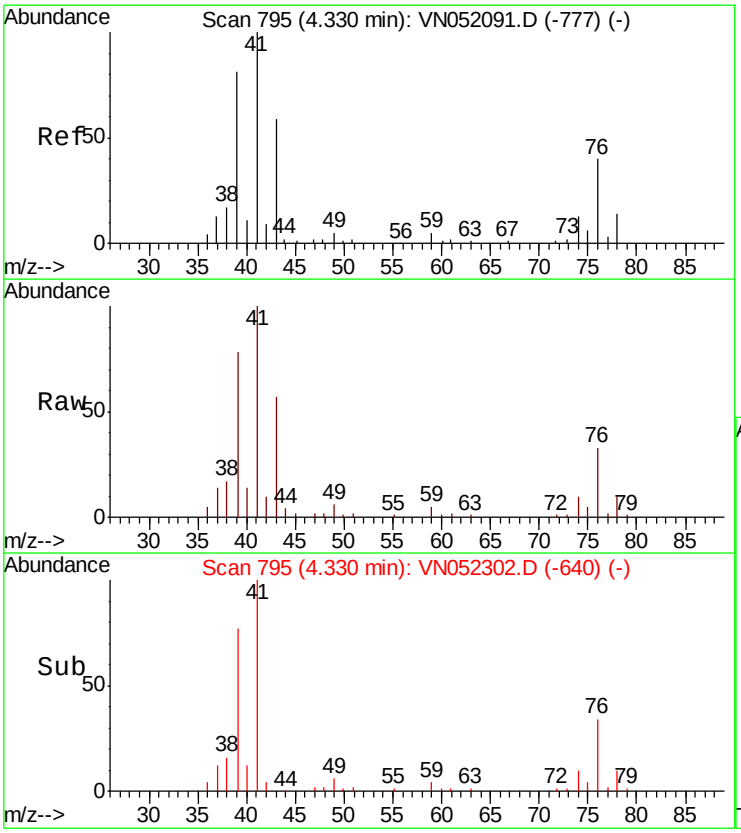

#11
Methyl Iodide
Concen: 20.544 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:142 Resp: 74104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 47.0 | 23.1 | 69.2 |
| 141 | 14.0 | 7.0 | 20.9 |

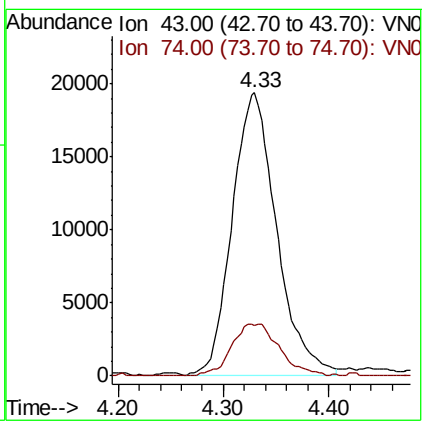


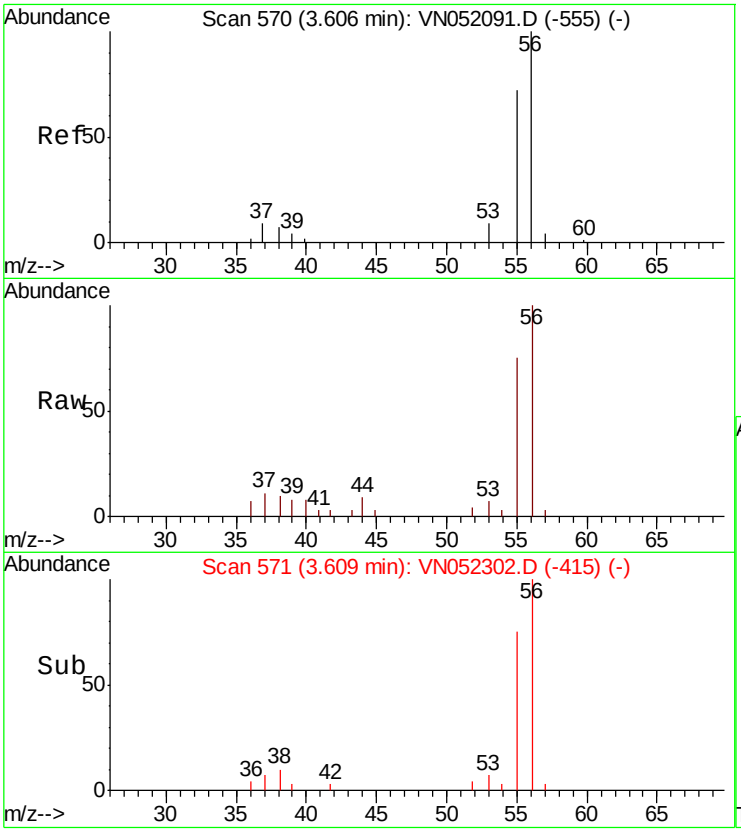




#12
Methyl Acetate
Concen: 27.143 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 43 Resp: 56998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 17.6 | 17.4 | 26.2 |



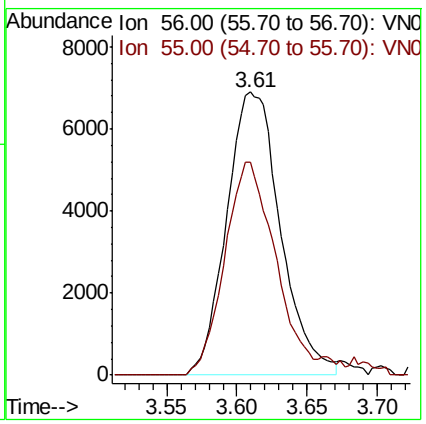


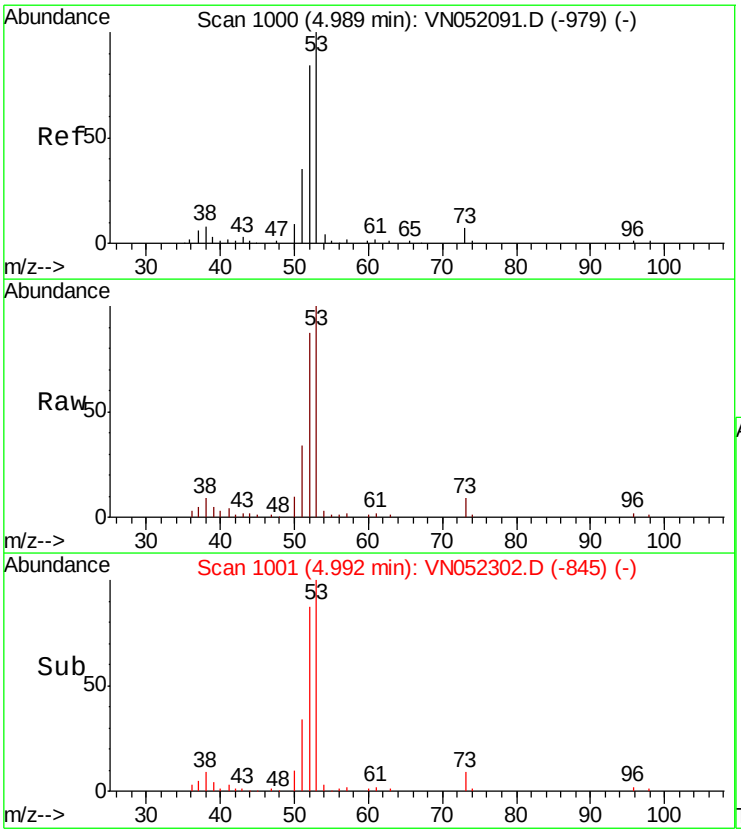

#13
Acrolein
Concen: 82.885 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 56 Resp: 18461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.7 | 56.2 | 84.2 |

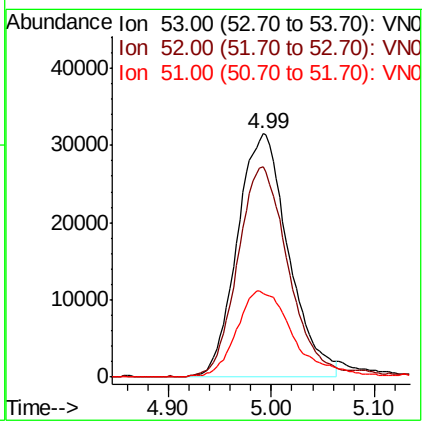


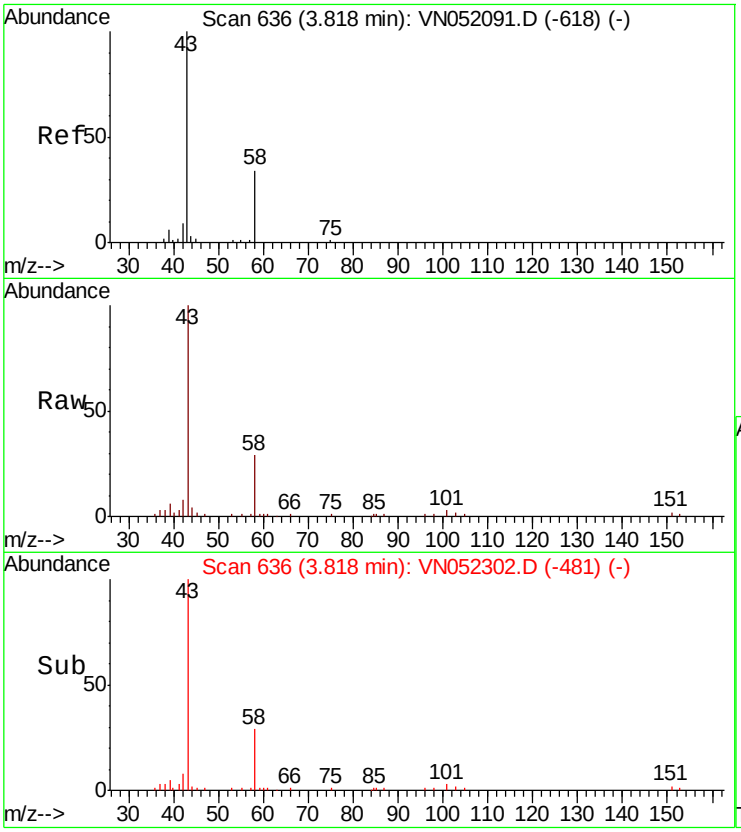




#14
Acrylonitrile
Concen: 116.872 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 53 Resp: 108834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 85.2 | 41.3 | 124.1 |
| 51 | 38.0 | 18.6 | 55.6 |



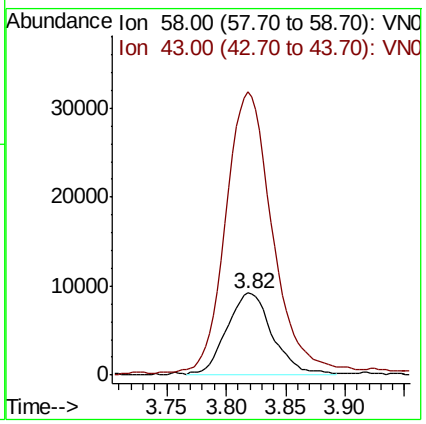


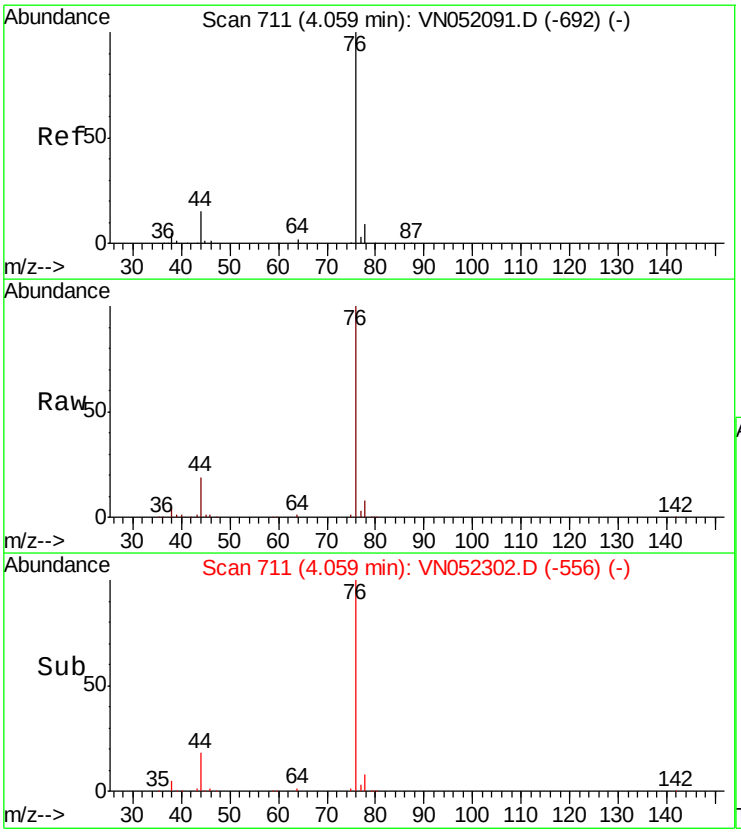

#15
Acetone
Concen: 112.609 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 58 Resp: 24784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 58 | 100 | | |
| 43 | 338.4 | 234.7 | 352.1 |

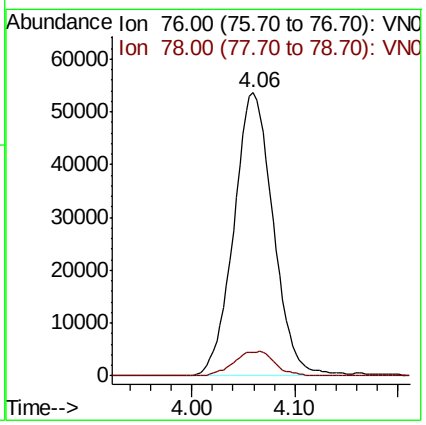


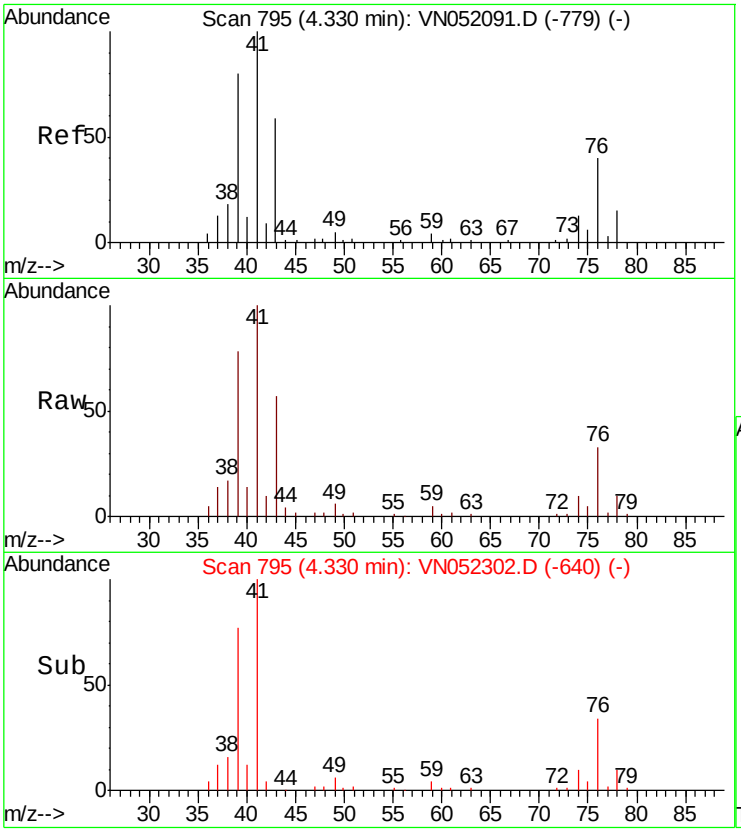




#16
Carbon Disulfide
Concen: 19.351 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 76 Resp: 142547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.4 | 7.0 | 10.6 |



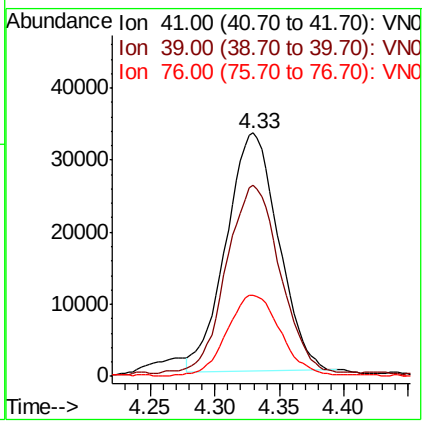


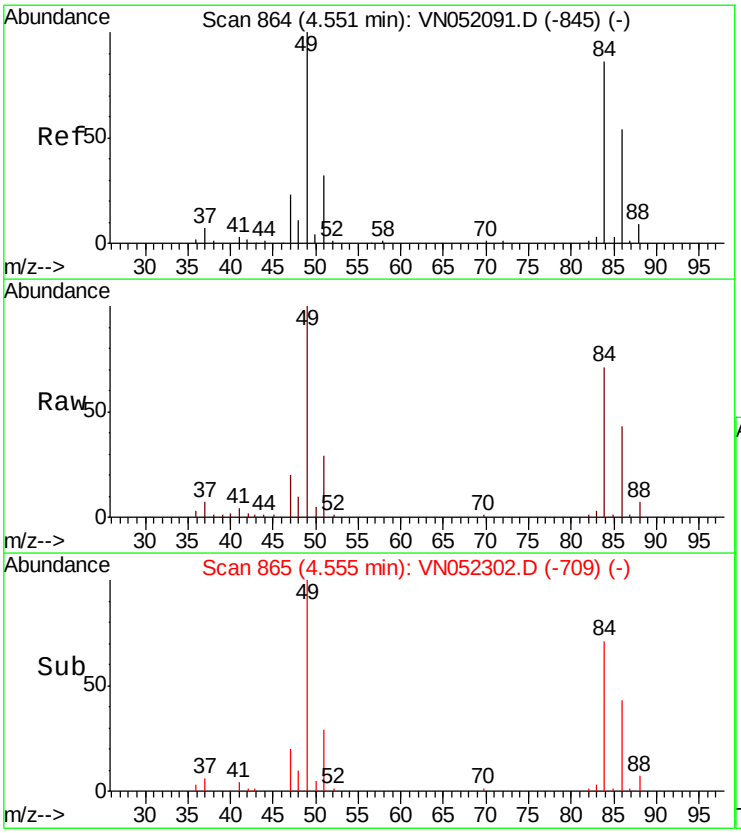

#17
Allvl chloride
Concen:  22.059 ug/l
RT: 4.33 min  Scan# 795
Delta R.T.  -0.00 min
Lab File:  VN052302.D
Acq: 13 Nov 2018  22:10

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

Tgt Ion: 41 Resp:  93439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 78.8 | 38.4 | 115.1 |
| 76 | 33.5 | 18.8 | 56.3 |

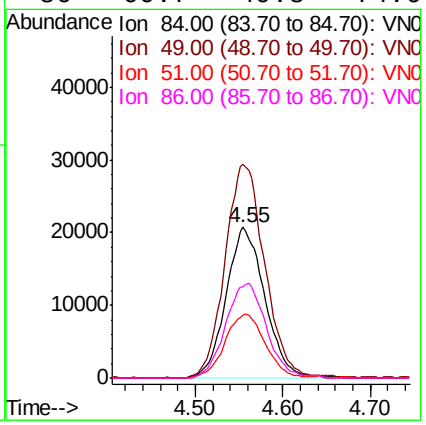


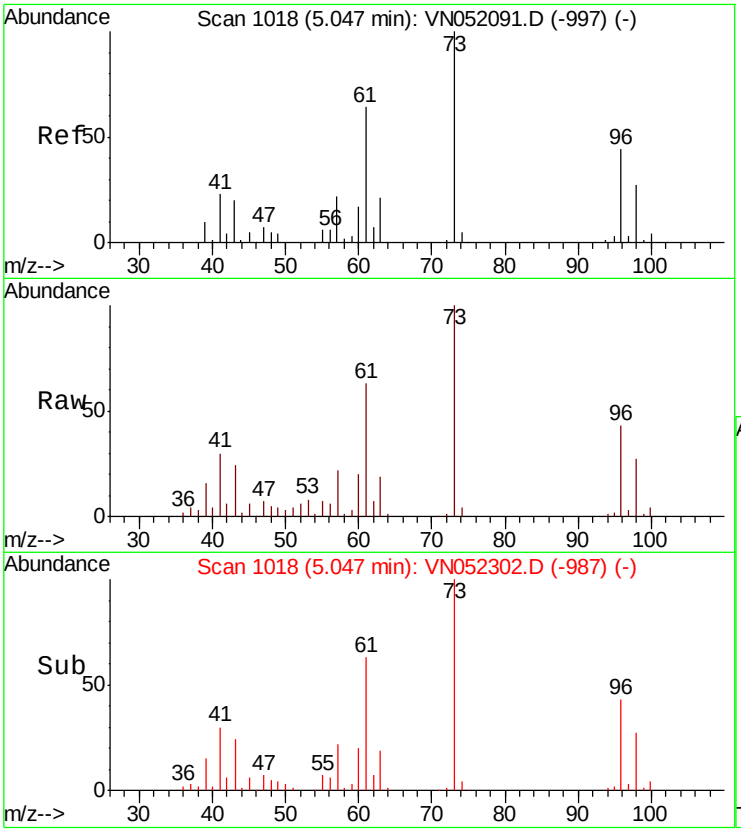




#18
Methylene Chloride
Concen:  20.712 ug/l
RT: 4.55 min  Scan# 865
Delta R.T.  0.00 min
Lab File:  VN052302.D
Acq: 13 Nov 2018  22:10

Tgt Ion: 84 Resp:  63778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 141.6 | 92.6 | 138.8# |
| 51 | 41.6 | 29.7 | 44.5 |
| 86 | 60.7 | 49.8 | 74.6 |



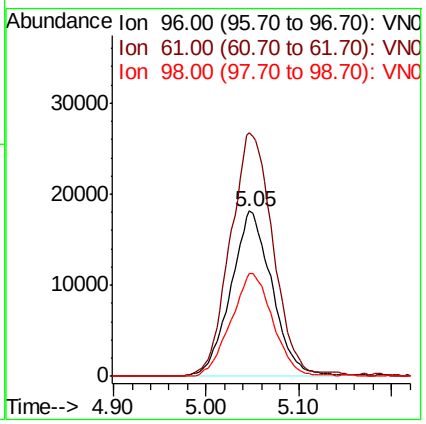


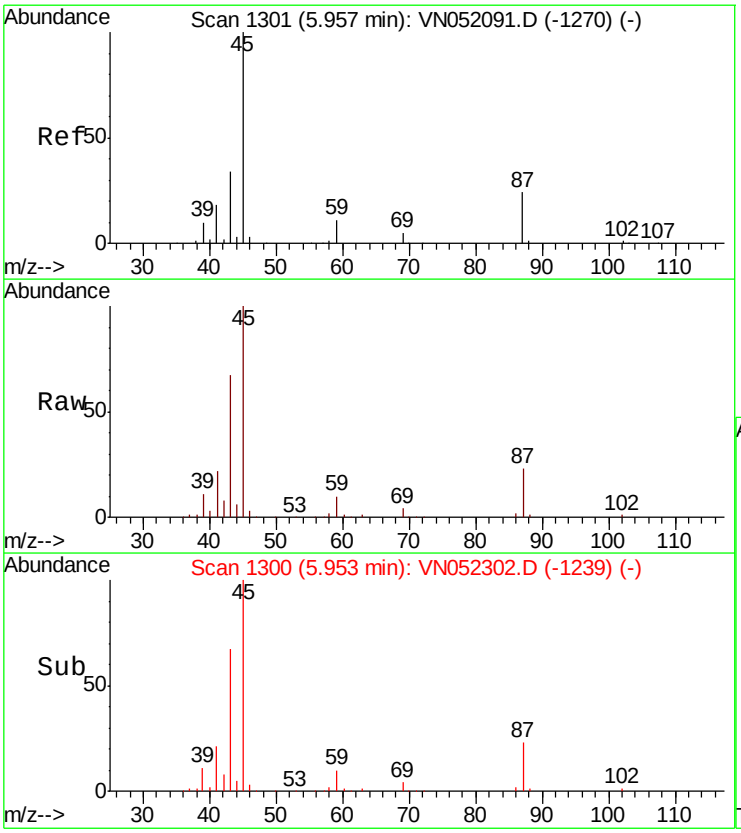

#19
trans-1,2-Dichloroethene
Concen: 20.433 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 96 Resp: 55854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 146.3 | 117.8 | 176.6 |
| 98 | 62.3 | 49.3 | 73.9 |

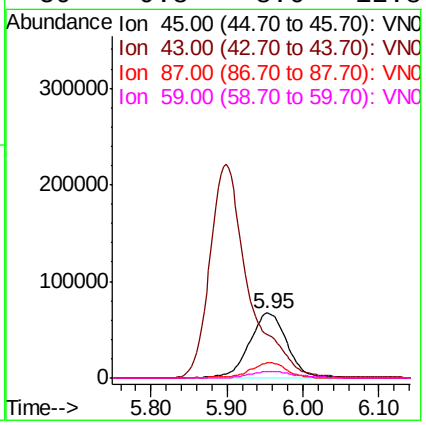


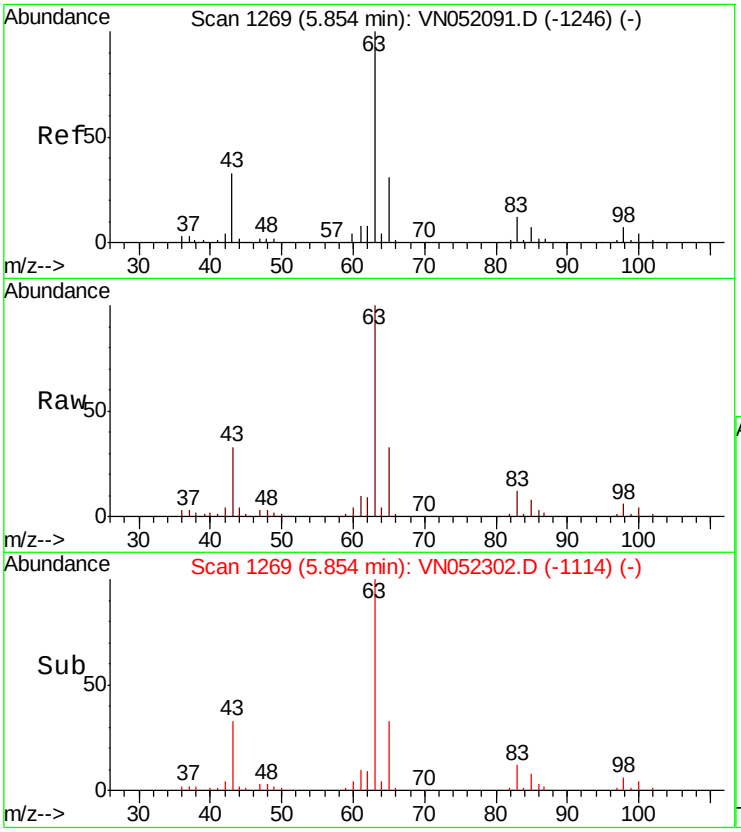




#20
Diisopropyl ether
Concen: 24.881 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 45 Resp: 229016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 64.6 | 49.4 | 74.0 |
| 87 | 23.1 | 20.3 | 30.5 |
| 59 | 9.8 | 8.6 | 12.8 |



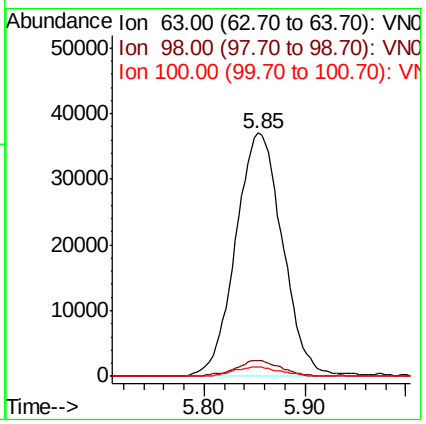


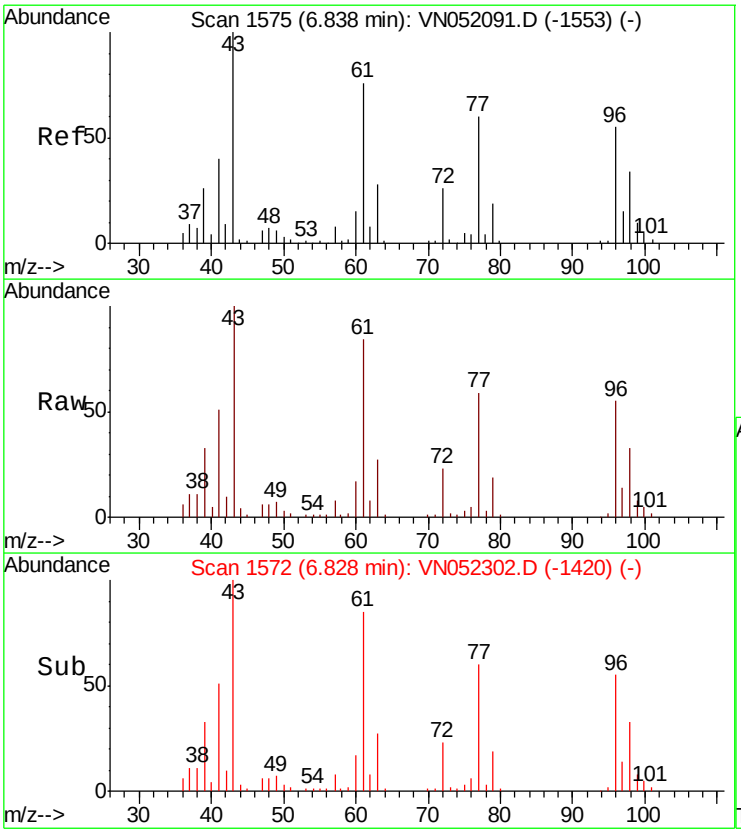

#21
1,1-Dichloroethane
Concen: 22.131 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 63 Resp: 119049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.4 | 3.4 | 10.1 |
| 100 | 4.0 | 2.0 | 5.8 |

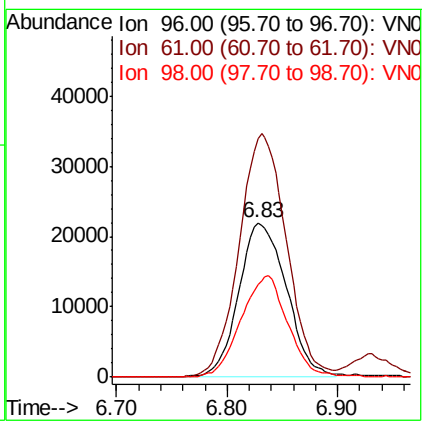


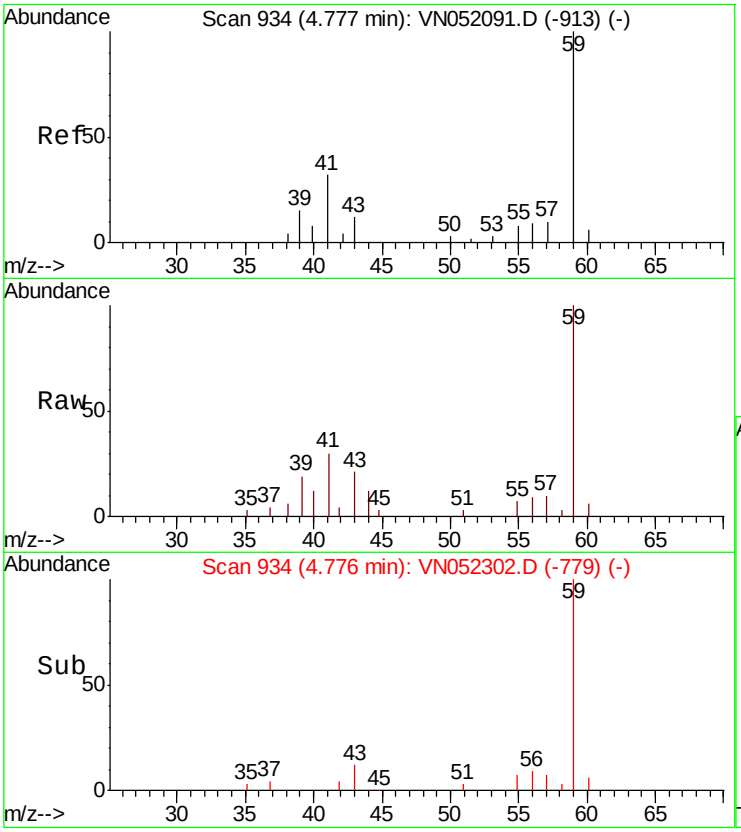




#22
cis-1,2-Dichloroethene
Concen: 20.576 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 96 Resp: 65677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 156.9 | 117.6 | 176.4 |
| 98 | 64.3 | 51.0 | 76.4 |



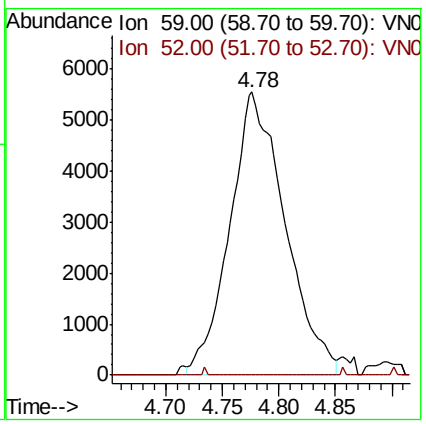


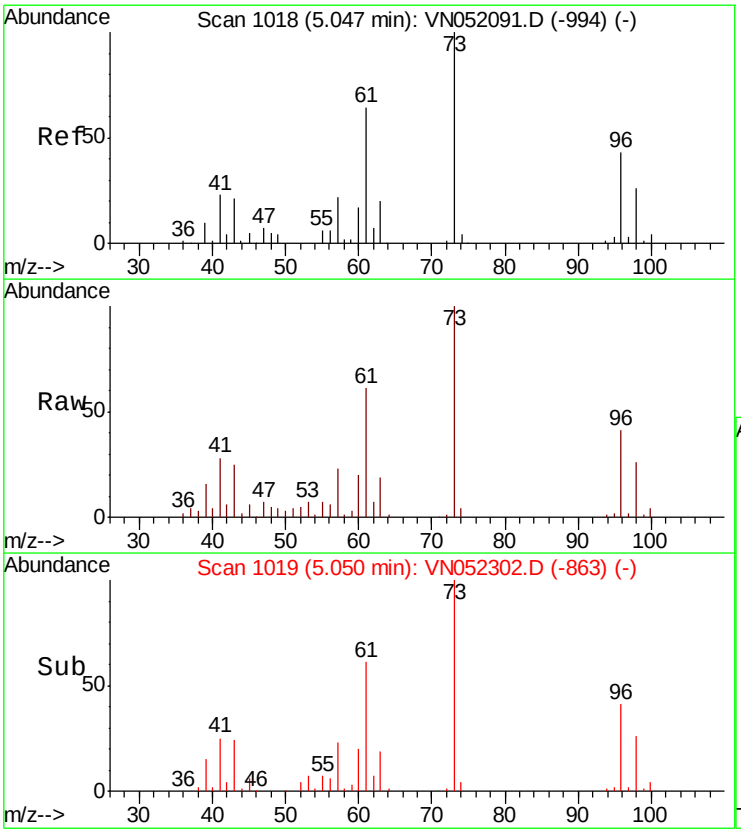

#23
tert-Butyl Alcohol
Concen: 130.195 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 59 Resp: 18890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 52 | 0.0 | 0.3 | 0.5# |

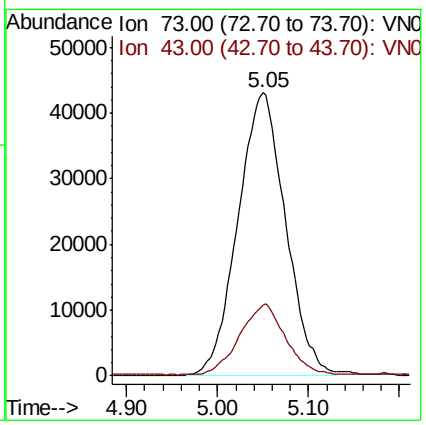


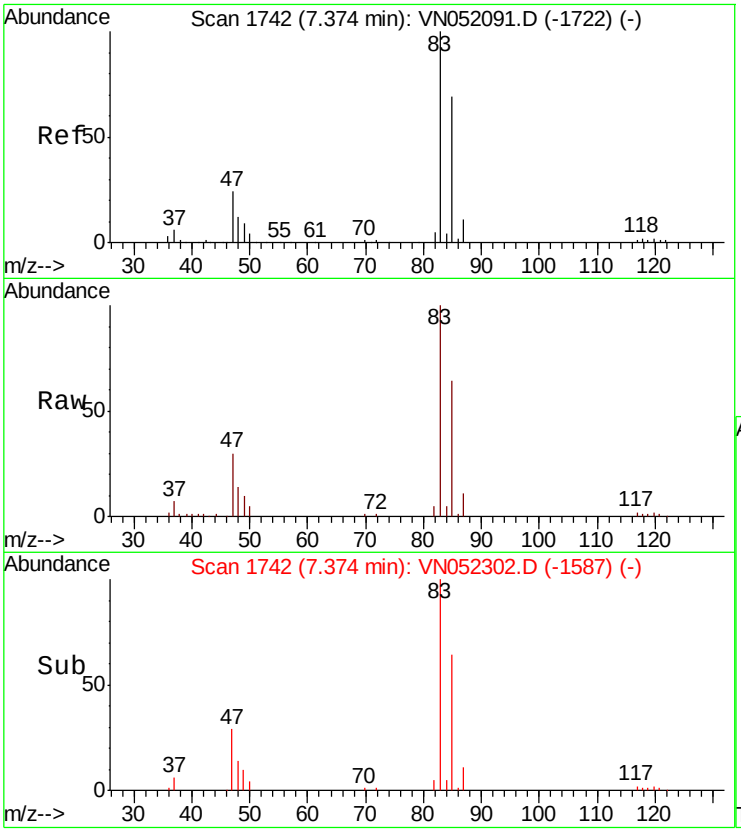




#24
Methyl tert-Butyl Ether
Concen: 22.168 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 73 Resp: 156784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 23.6 | 17.4 | 26.2 |



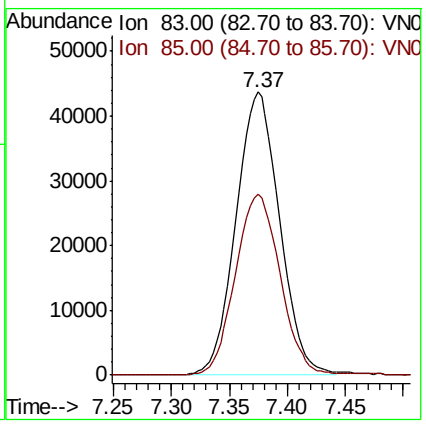


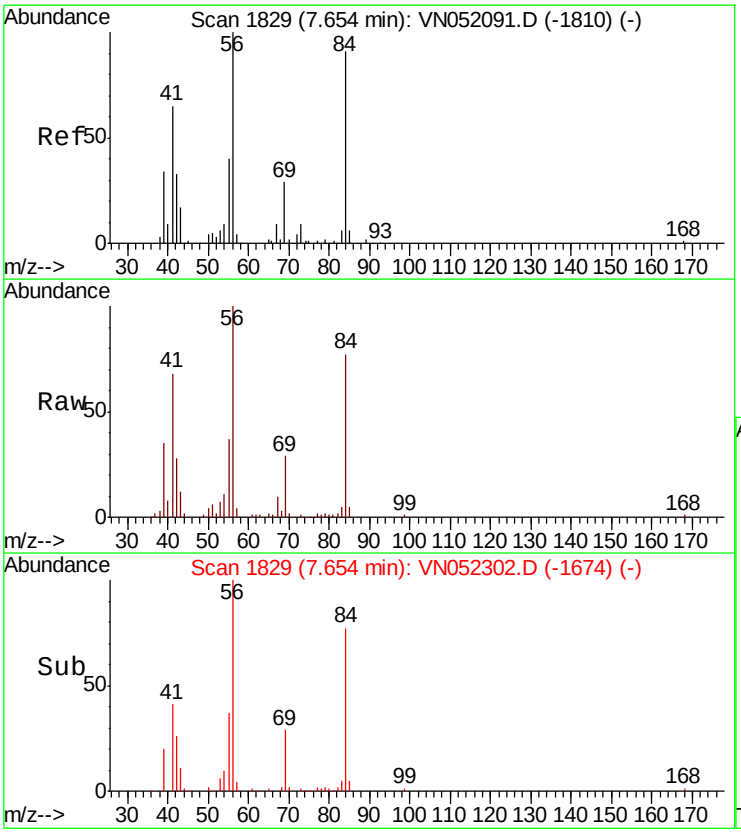

#25
Chloroform
Concen: 21.182 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 83 Resp: 114408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.8 | 54.9 | 82.3 |

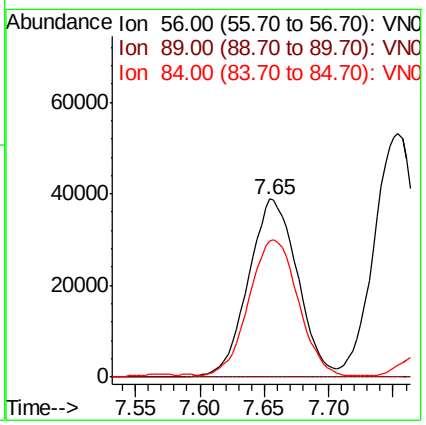


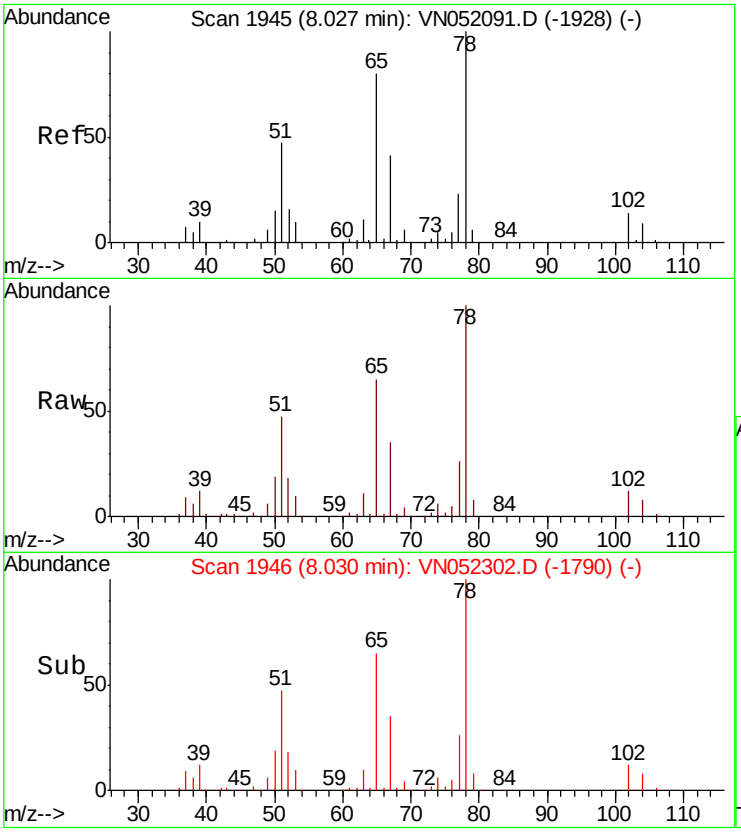




#26
Cyclohexane
Concen: 21.420 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 56 Resp: 103290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 89 | 0.1 | 2.2 | 3.2# |
| 84 | 76.5 | 71.0 | 106.6 |



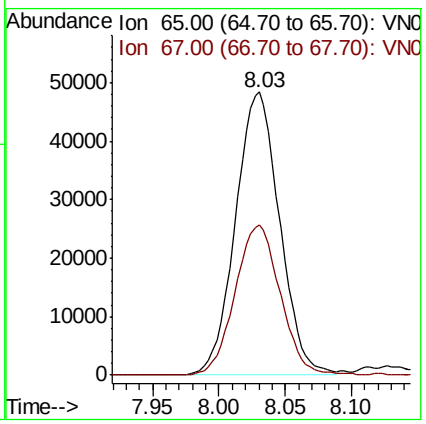


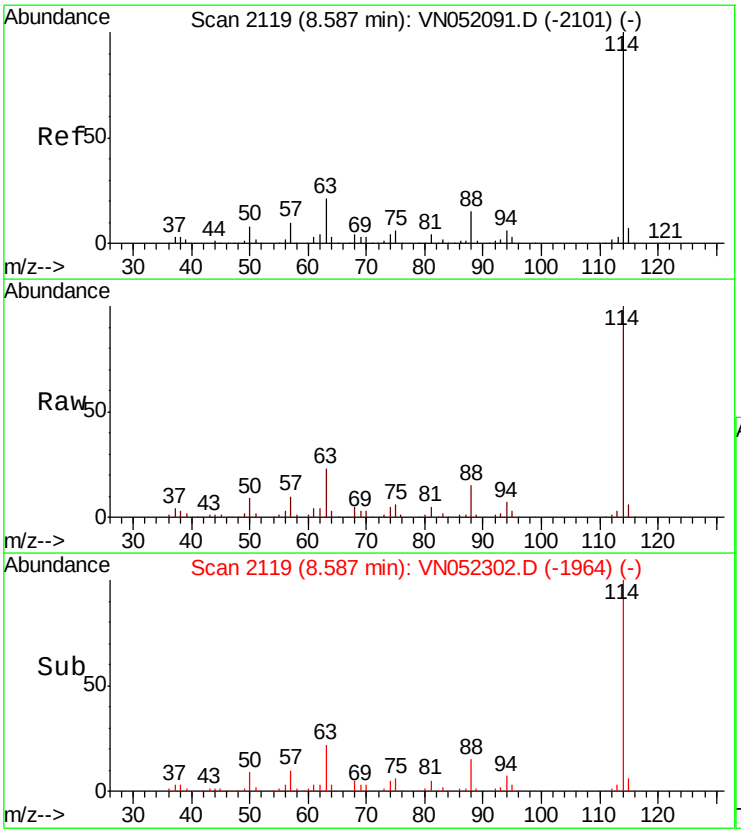

#27
1,2-Dichloroethane-d4
Concen: 21.420 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 65 Resp: 112033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.3 | 42.6 | 64.0 |

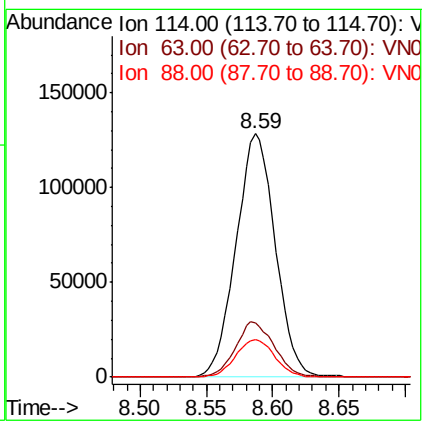


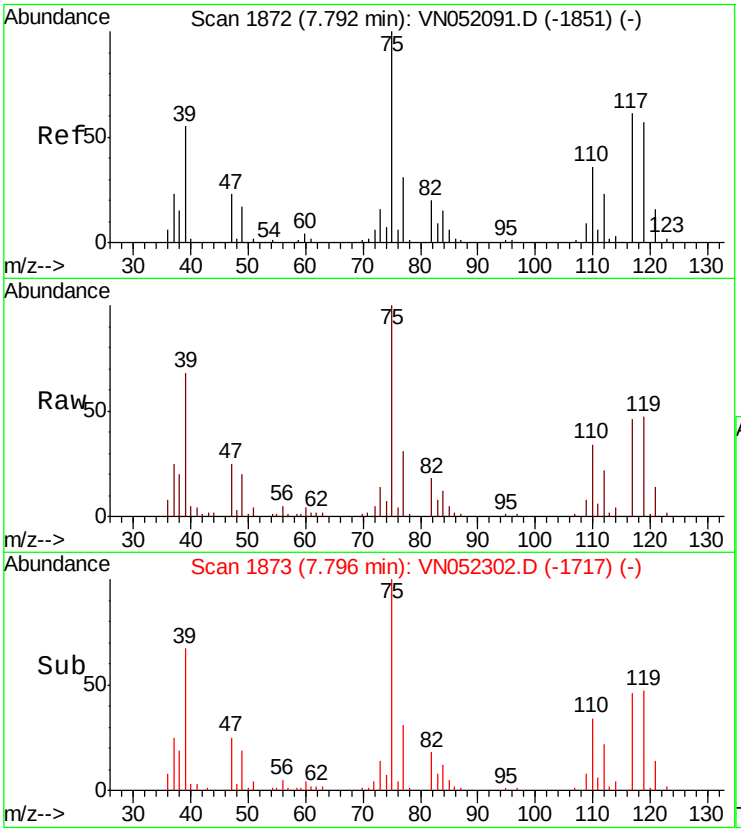




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:114 Resp: 264542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.6 | 17.5 | 26.3 |
| 88 | 15.5 | 12.6 | 18.8 |



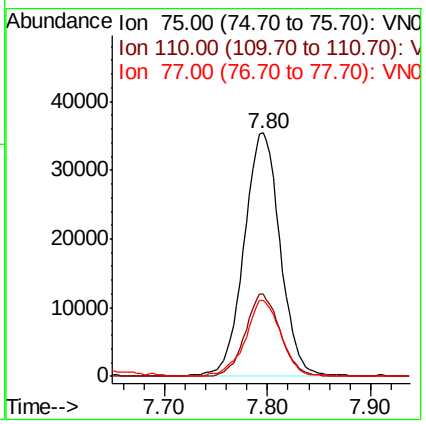


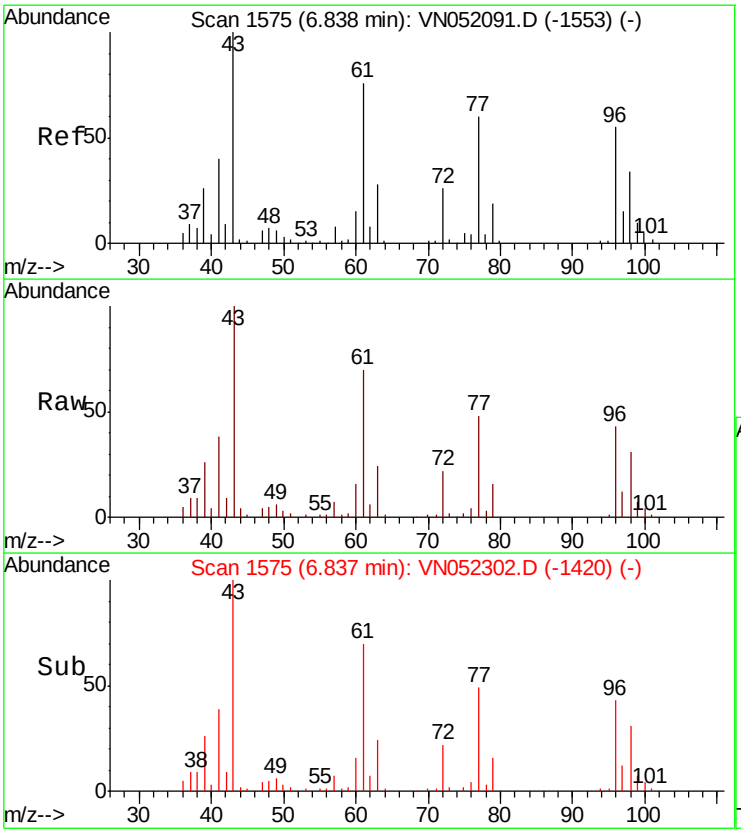

#29
1,1-Dichloropropene
Concen: 20.508 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 75 Resp: 86133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 32.4 | 0.0 | 67.6 |
| 77 | 30.7 | 0.0 | 60.2 |

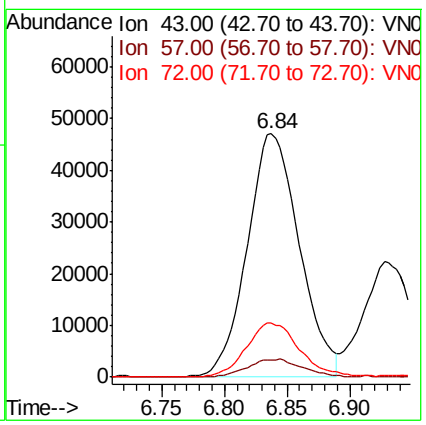


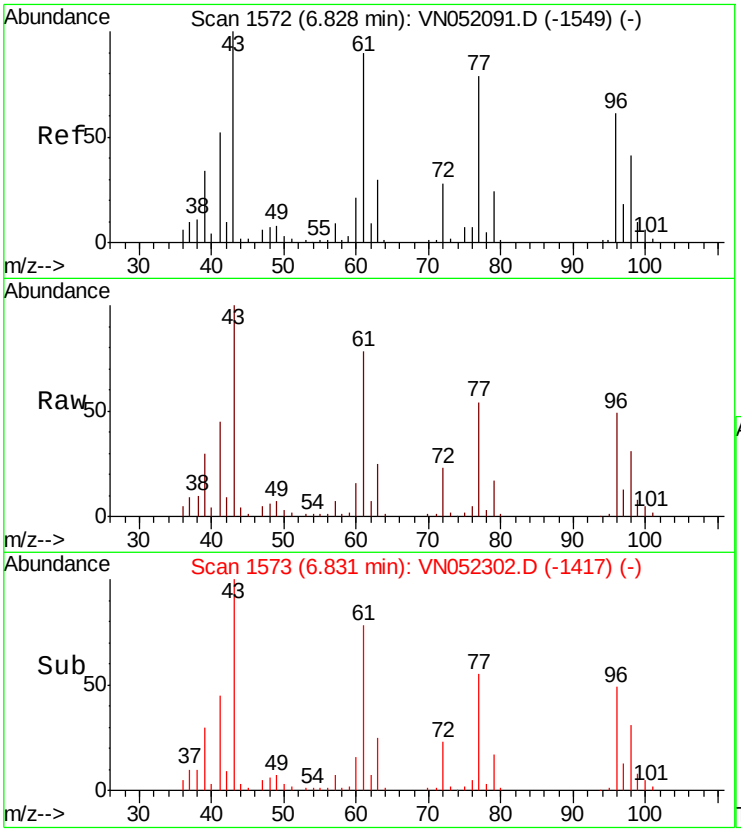




#30
2-Butanone
Concen: 120.833 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 43 Resp: 135151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 7.8 | 6.6 | 9.8 |
| 72 | 23.0 | 9.2 | 13.8# |



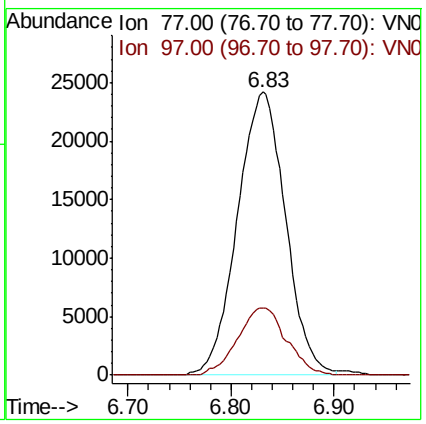


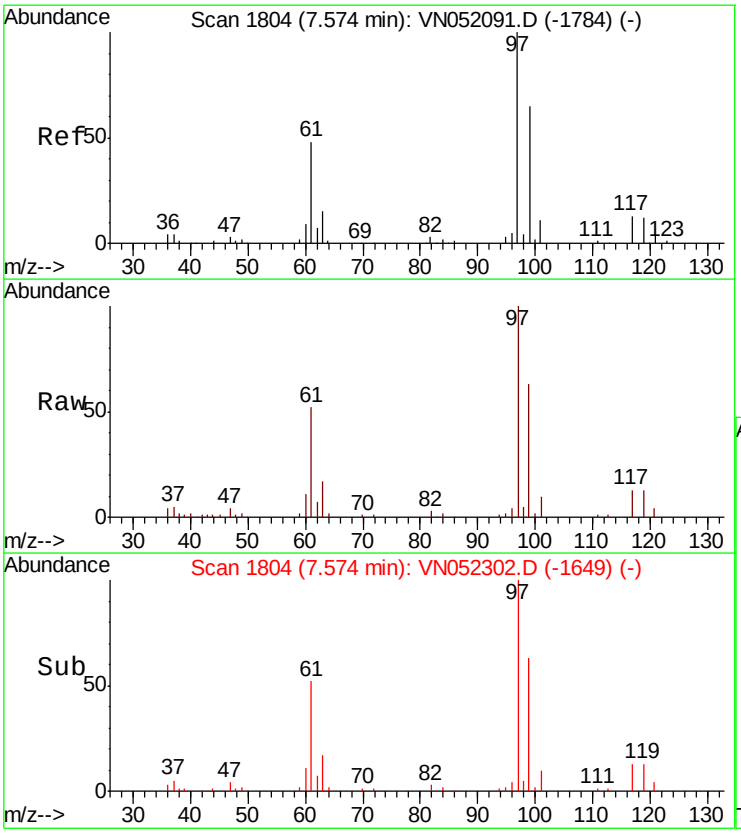

#31
2,2-Dichloropropane
Concen: 18.093 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 77 Resp: 78277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.1 | 18.2 | 27.2 |

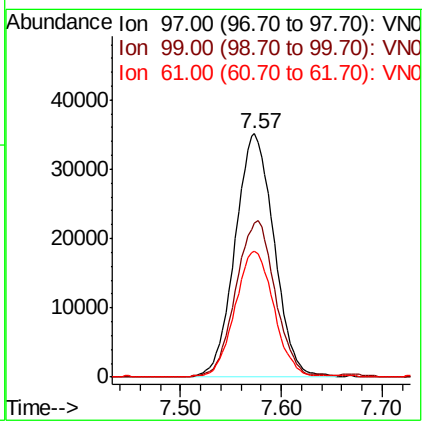


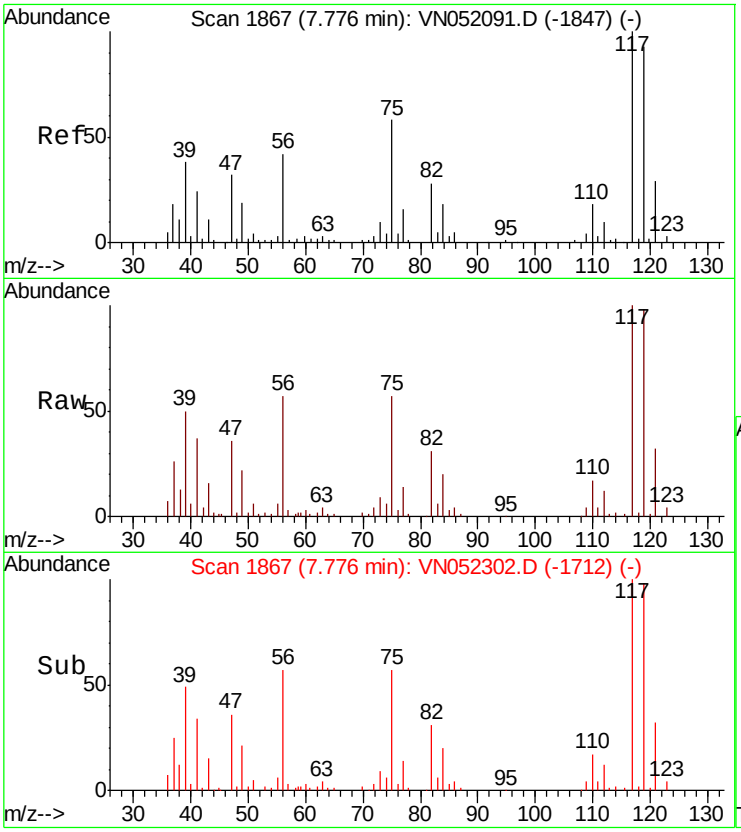




#32
1,1,1-Trichloroethane
Concen: 20.022 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 97 Resp: 94091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.5 | 51.7 | 77.5 |
| 61 | 51.6 | 38.7 | 58.1 |



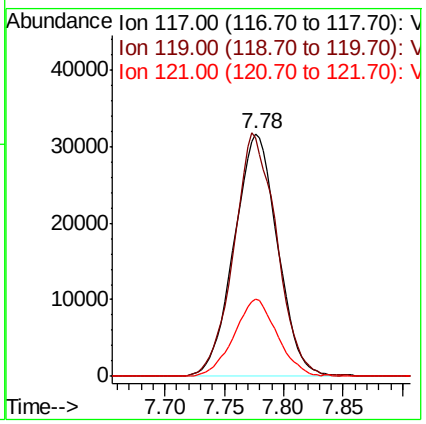


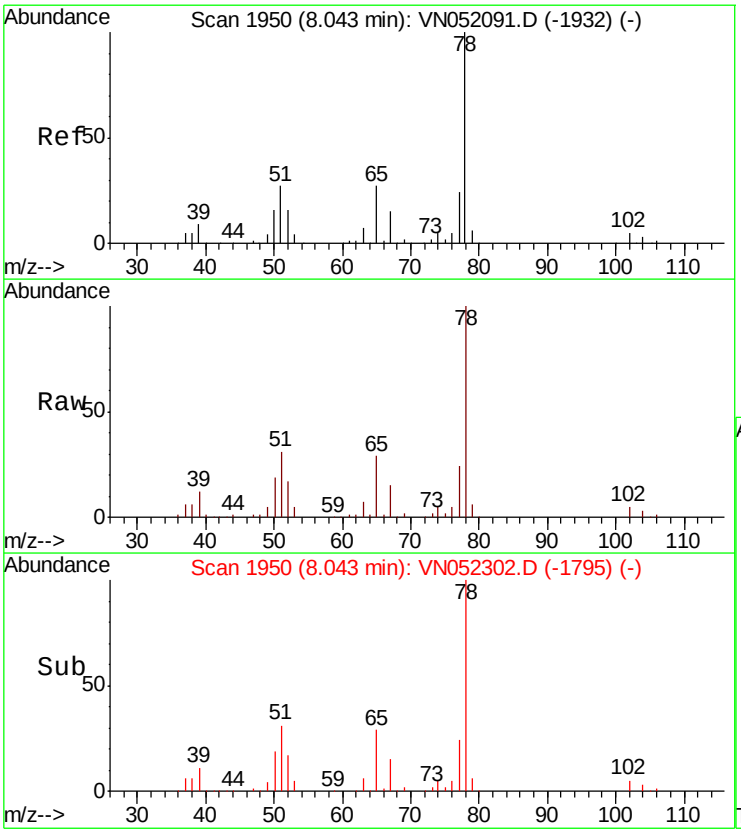

#33
Carbon Tetrachloride
Concen: 19.118 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:117 Resp: 79899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 98.1 | 74.7 | 112.1 |
| 121 | 32.0 | 23.4 | 35.0 |

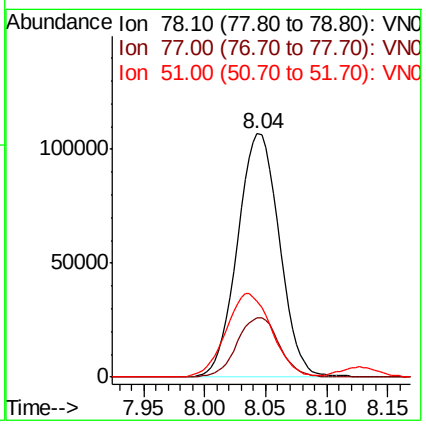


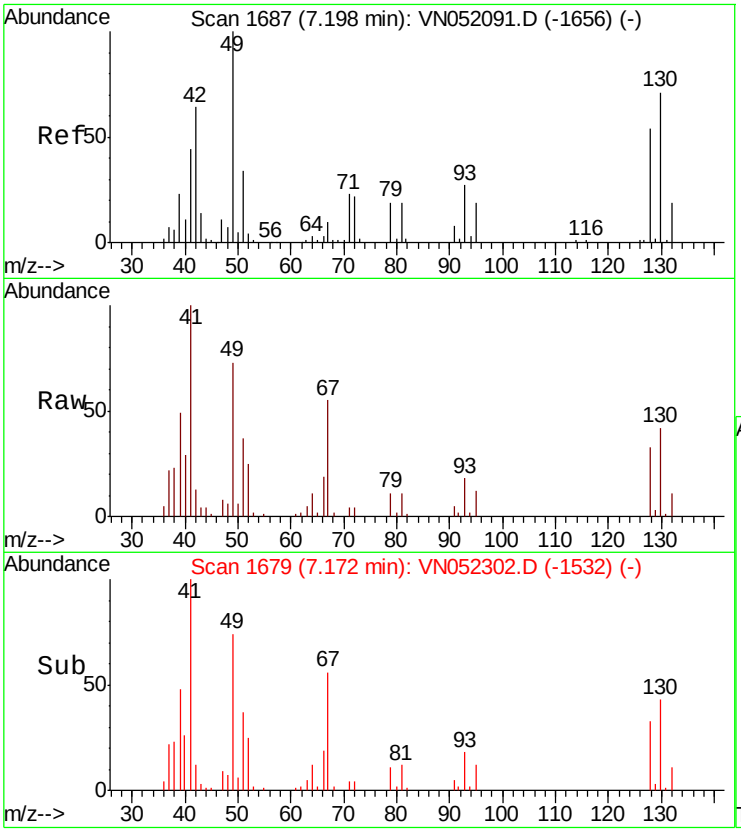




#34
Benzene
Concen: 20.653 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 78 Resp: 253986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.4 | 19.1 | 28.7 |
| 51 | 30.5 | 21.2 | 31.8 |



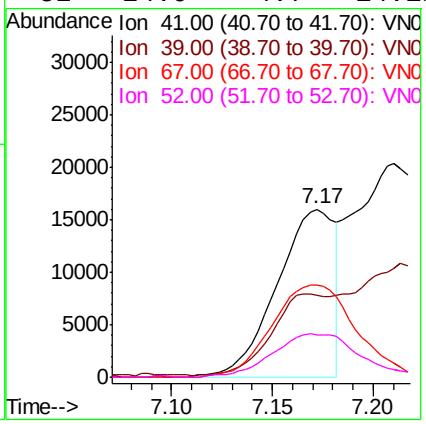


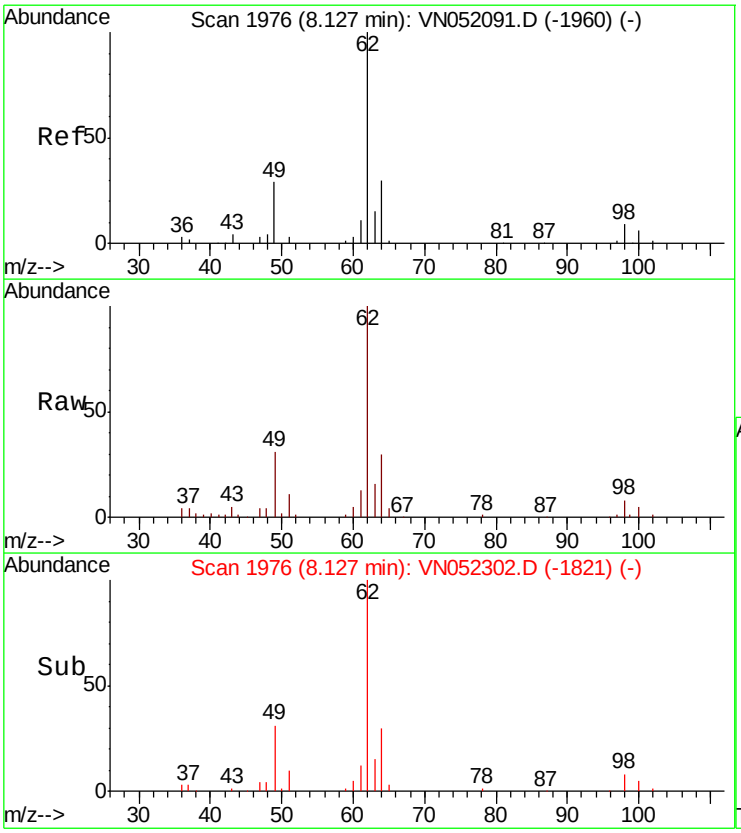

#35
Methacrylonitrile
Concen: 20.786 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.03 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 41 Resp: 31888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 47.9 | 26.1 | 78.3 |
| 67 | 55.2 | 11.0 | 33.0# |
| 52 | 24.9 | 4.7 | 14.1# |

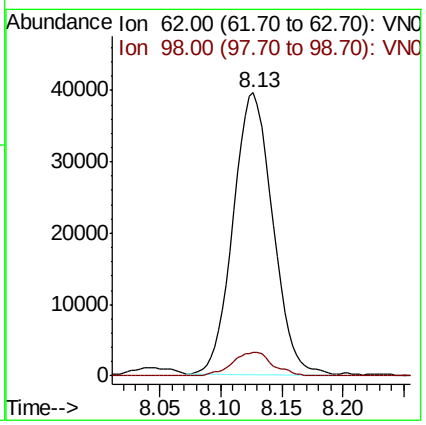


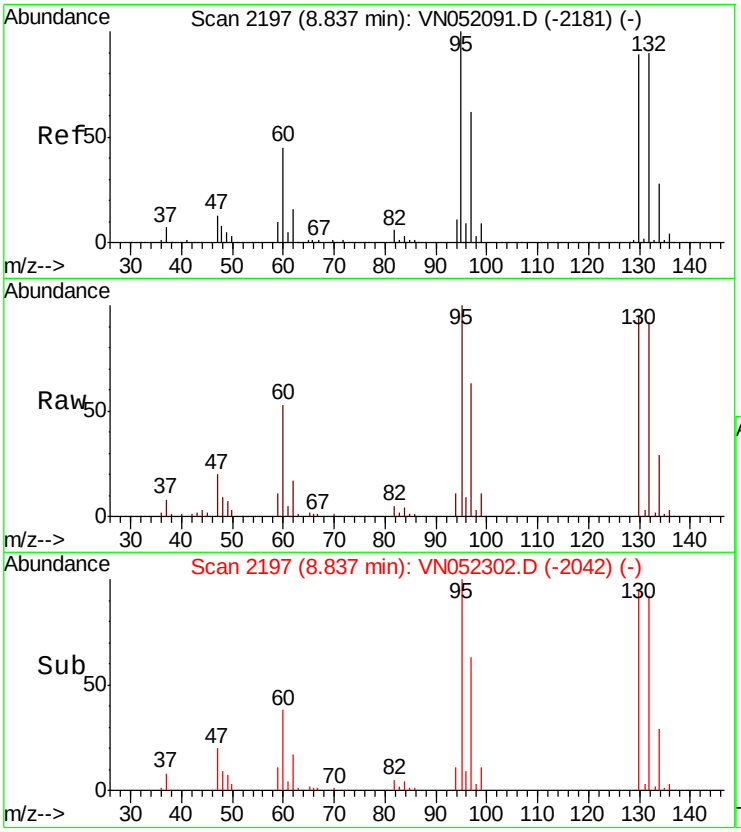




#36
1,2-Dichloroethane
Concen: 21.594 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 62 Resp: 88788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.5 | 6.7 | 10.1 |



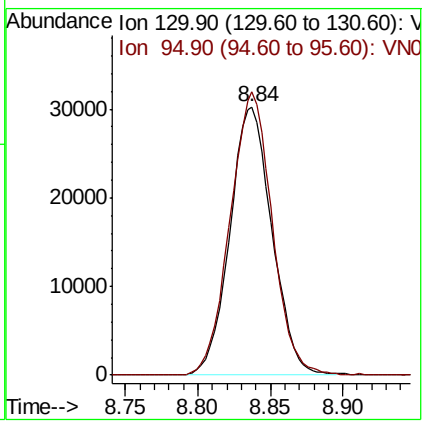


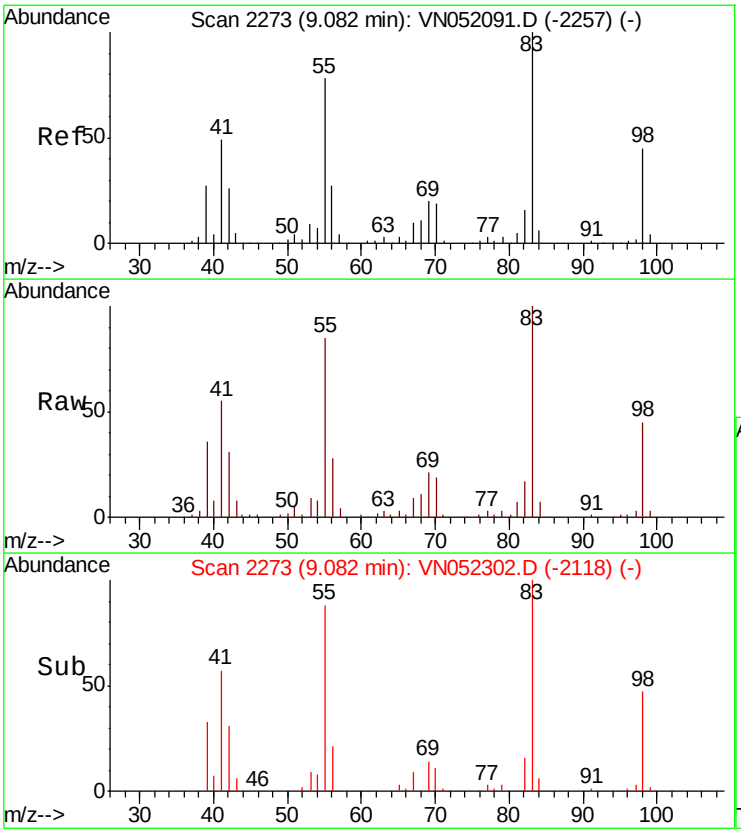

#37
Trichloroethene
Concen: 19.801 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:130 Resp: 60947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 105.4 | 89.9 | 134.9 |

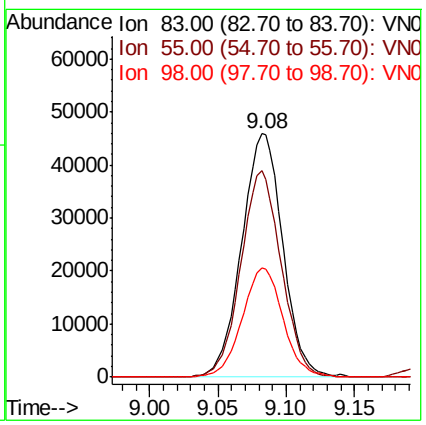


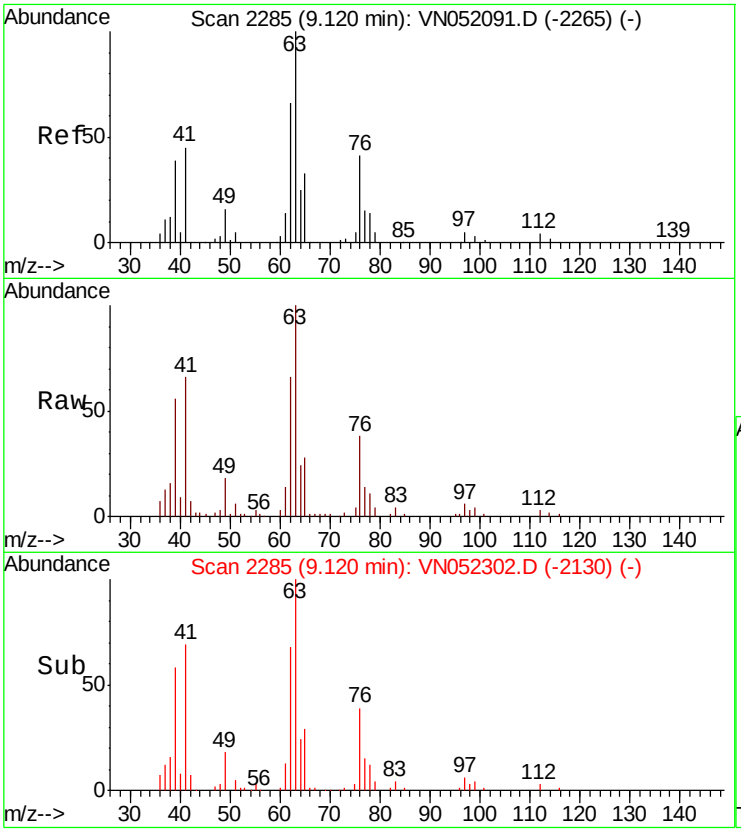




#38
Methylcyclohexane
Concen: 18.743 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 83 Resp: 96029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 83.2 | 38.5 | 115.3 |
| 98 | 44.6 | 23.2 | 69.6 |



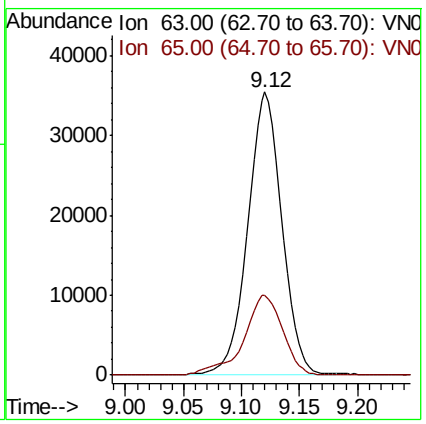


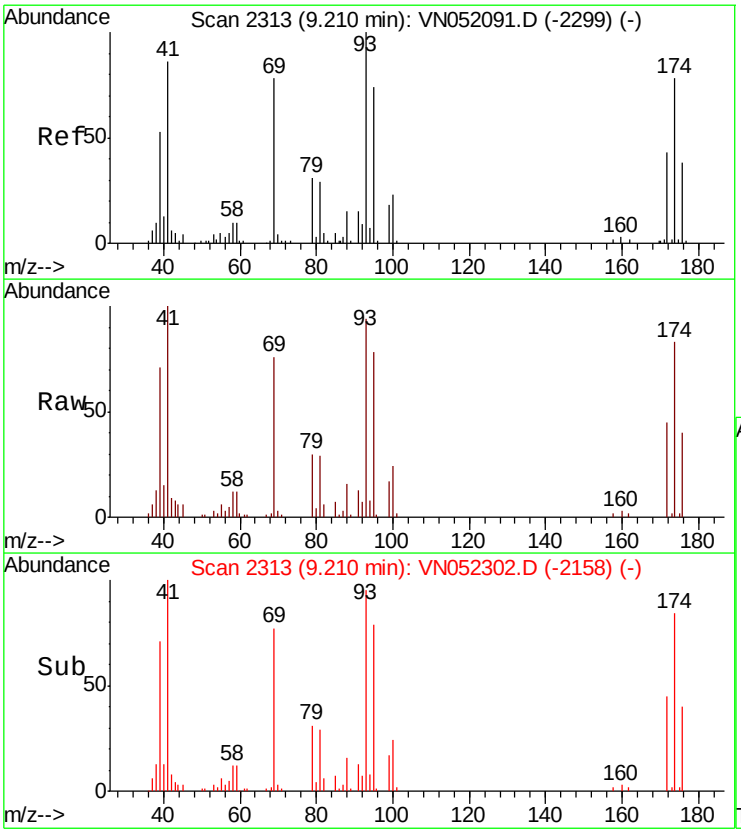

#39
1,2-Dichloropropane
Concen: 22.257 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 63 Resp: 72860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 28.2 | 27.3 | 40.9 |

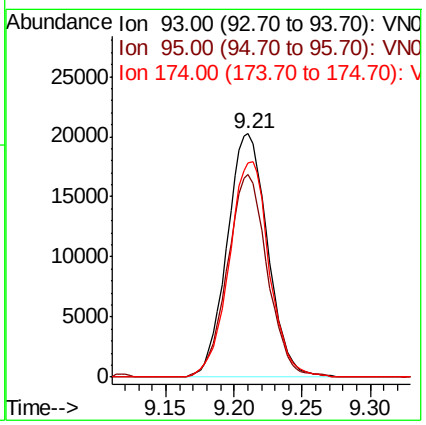


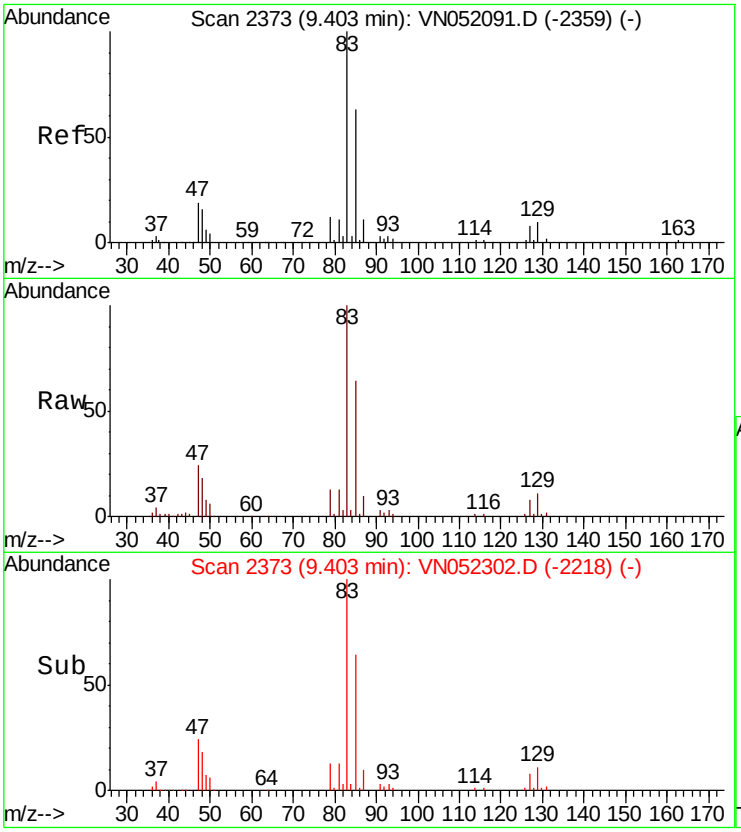




#40
Dibromomethane
Concen: 20.735 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 93 Resp: 41840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 81.9 | 0.0 | 161.2 |
| 174 | 87.2 | 0.0 | 165.0 |



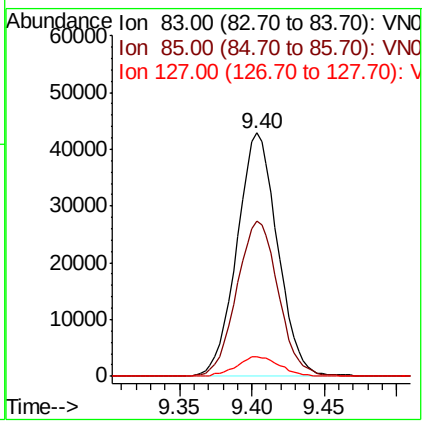


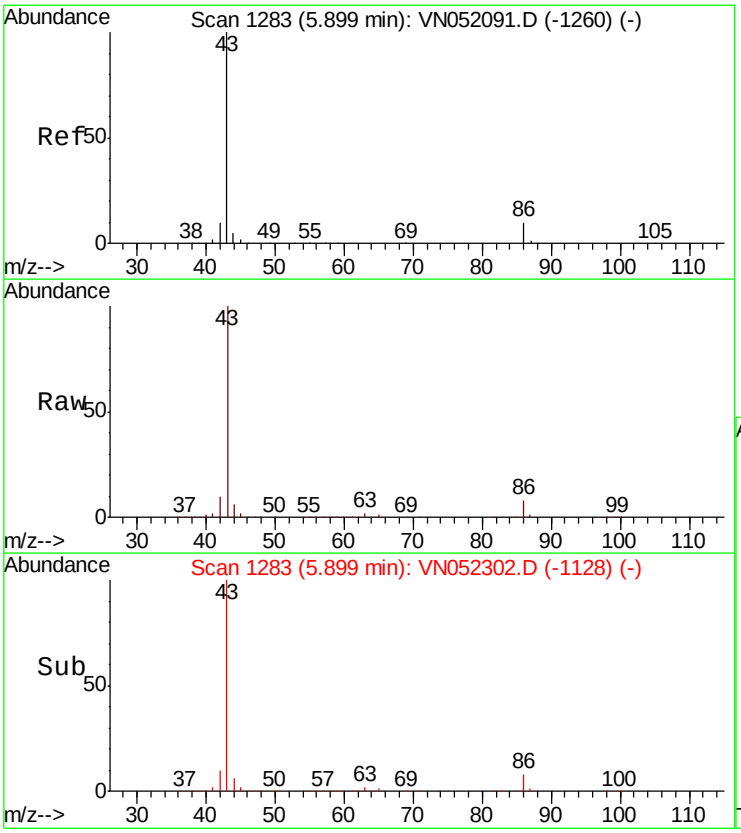

#41
Bromodichloromethane
Concen: 20.206 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 83 Resp: 83422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.6 | 50.2 | 75.2 |
| 127 | 7.8 | 6.6 | 10.0 |

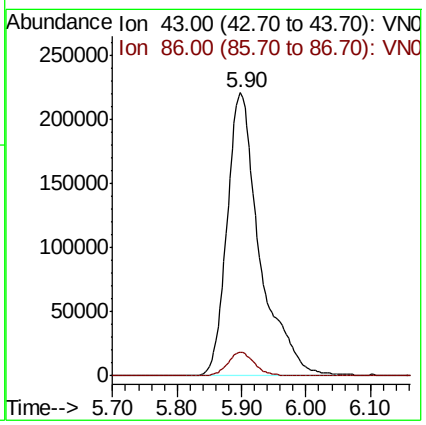


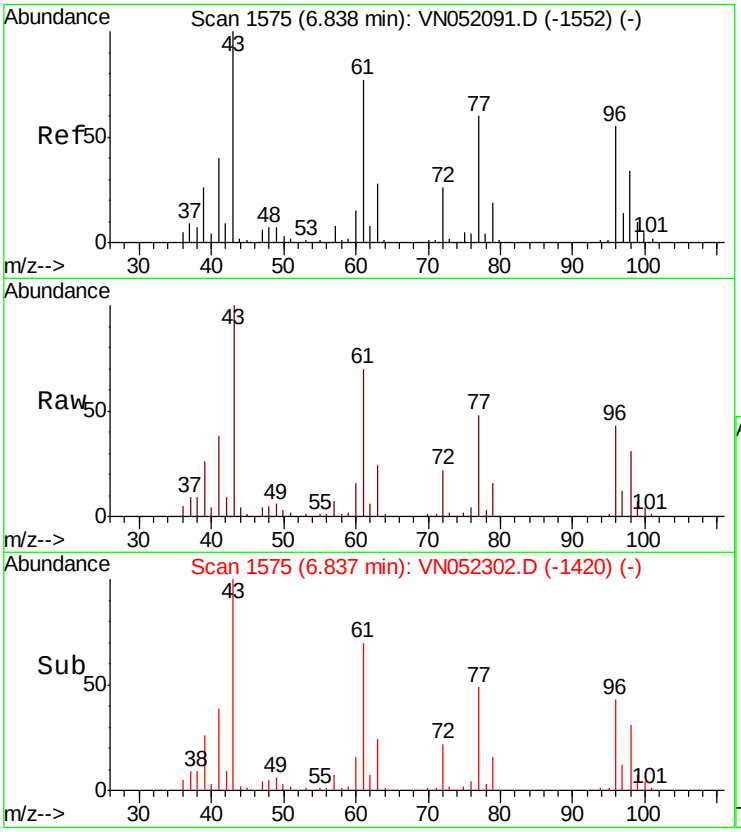




#42
Vinyl Acetate
Concen: 118.770 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 43 Resp: 777695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 6.9 | 6.6 | 10.0 |



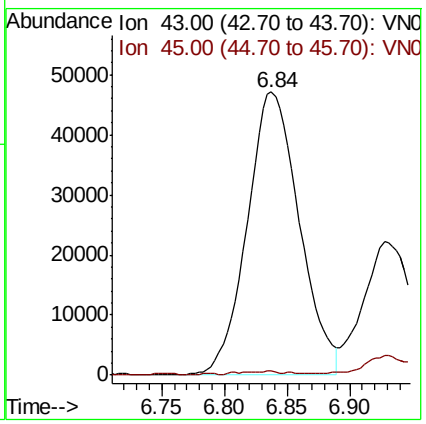


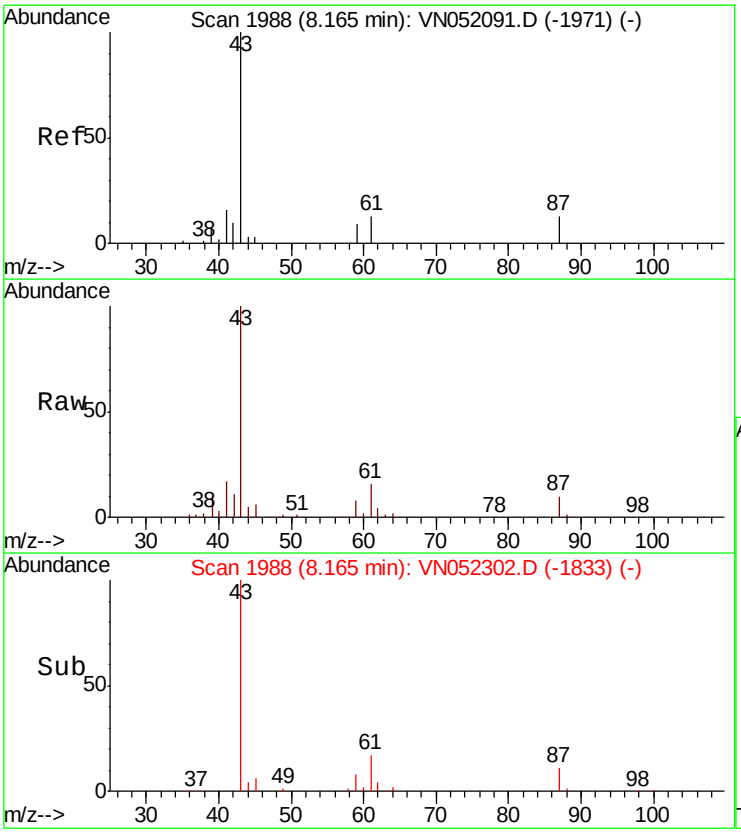

#43
Ethyl Acetate
Concen: 24.044 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 43 Resp: 135151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 0.2 | 3.8 | 5.8# |

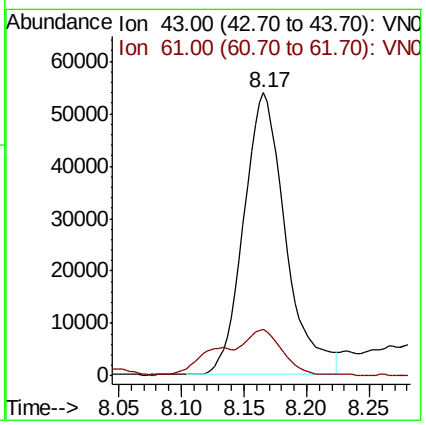


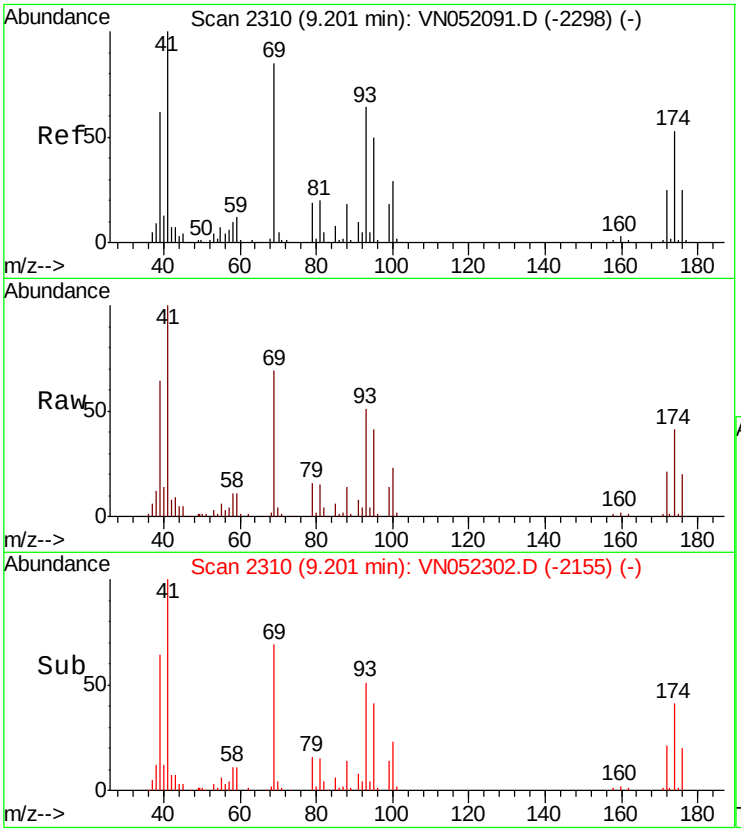




#44
Isopropyl Acetate
Concen: 26.956 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 43 Resp: 125449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.5 | 16.2 | 24.2# |



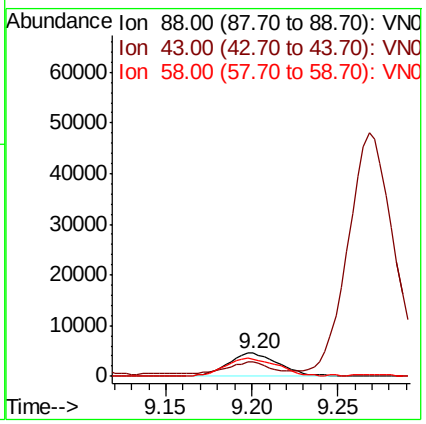


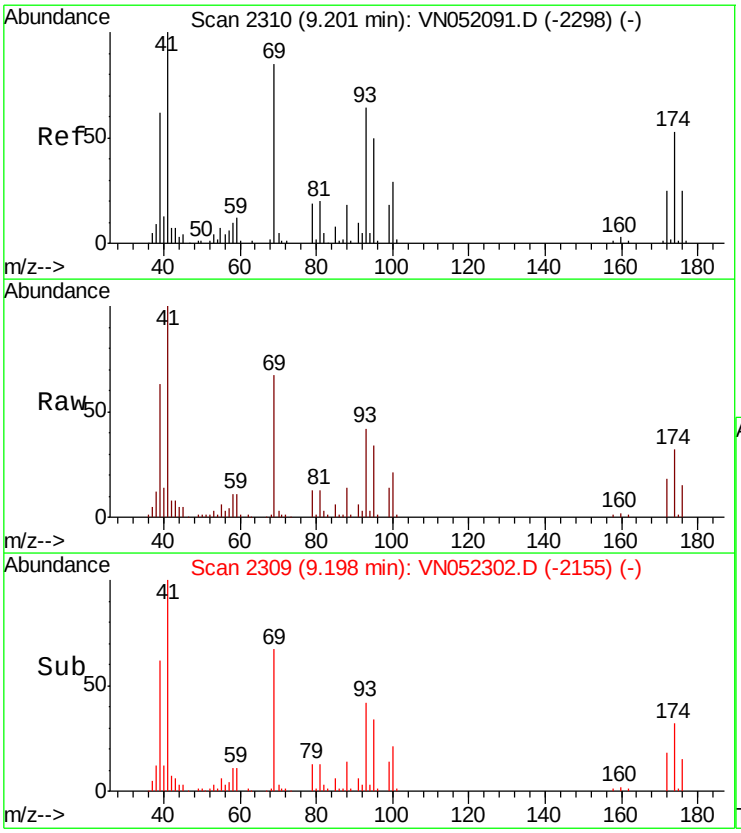

#45
1,4-Dioxane
Concen: 443.417 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 88 Resp: 9414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 39.9 | 28.6 | 43.0 |
| 58 | 81.2 | 37.8 | 56.8# |

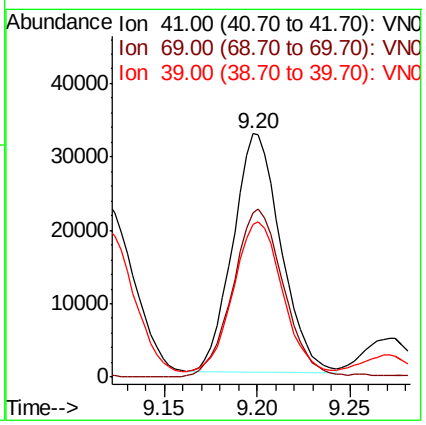


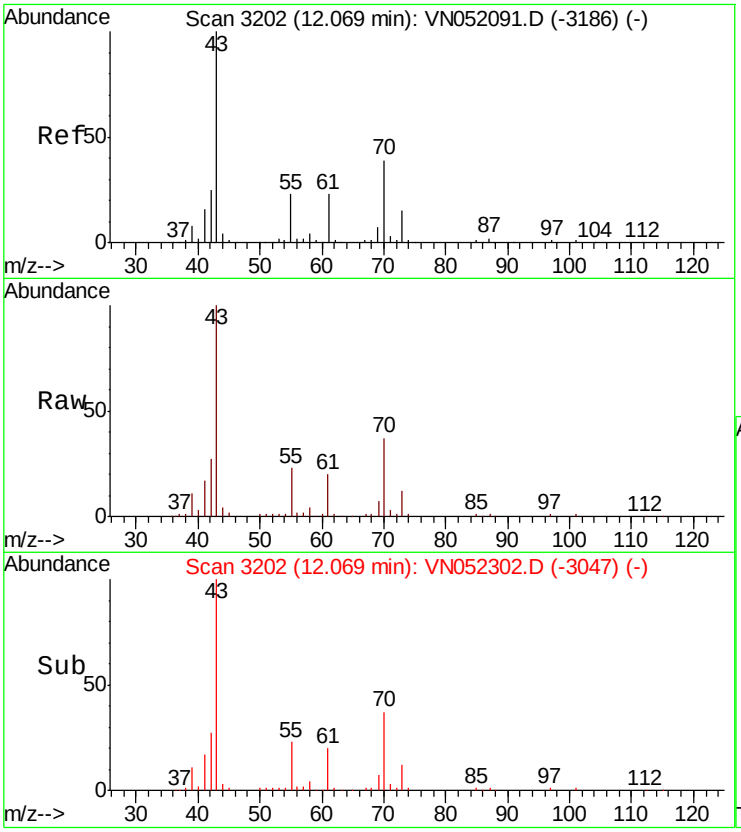




#46
Methyl methacrylate
Concen: 25.179 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 41 Resp: 58329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 68.3 | 42.5 | 127.6 |
| 39 | 61.8 | 31.1 | 93.3 |



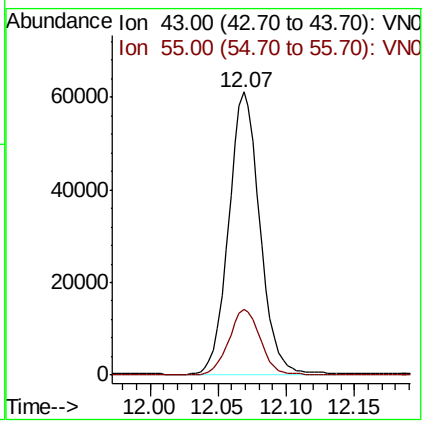


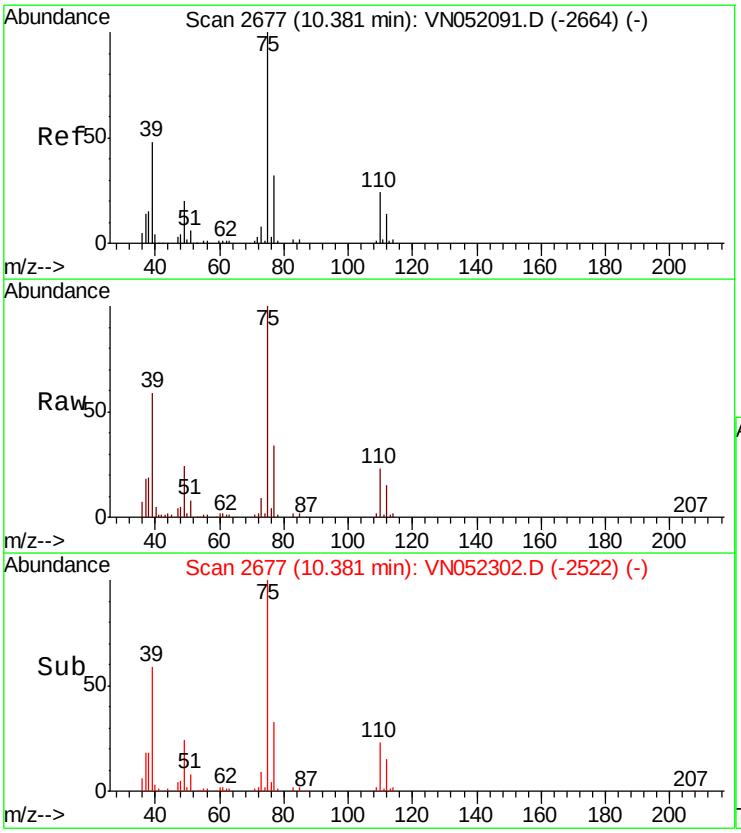

#47
n-amyl Acetate
Concen: 22.845 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 43 Resp: 96374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 55 | 23.7 | 0.0 | 0.0# |

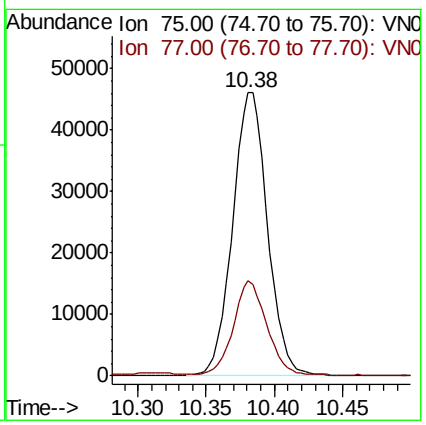


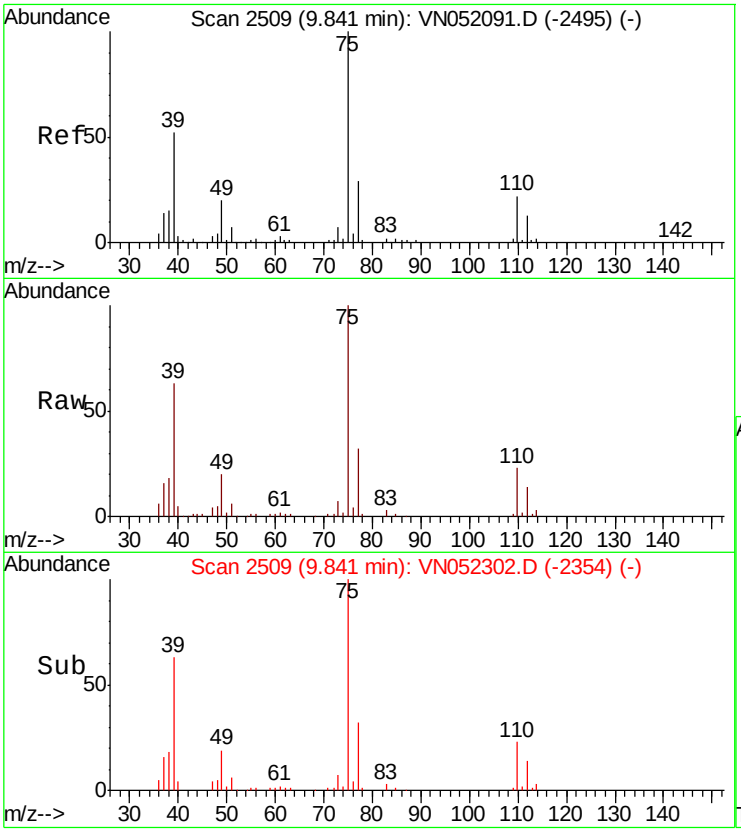




#48
t-1,3-Dichloropropene
Concen: 19.987 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 75 Resp: 81939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.5 | 26.3 | 39.5 |



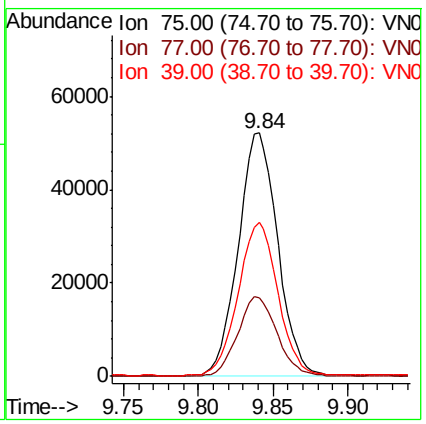


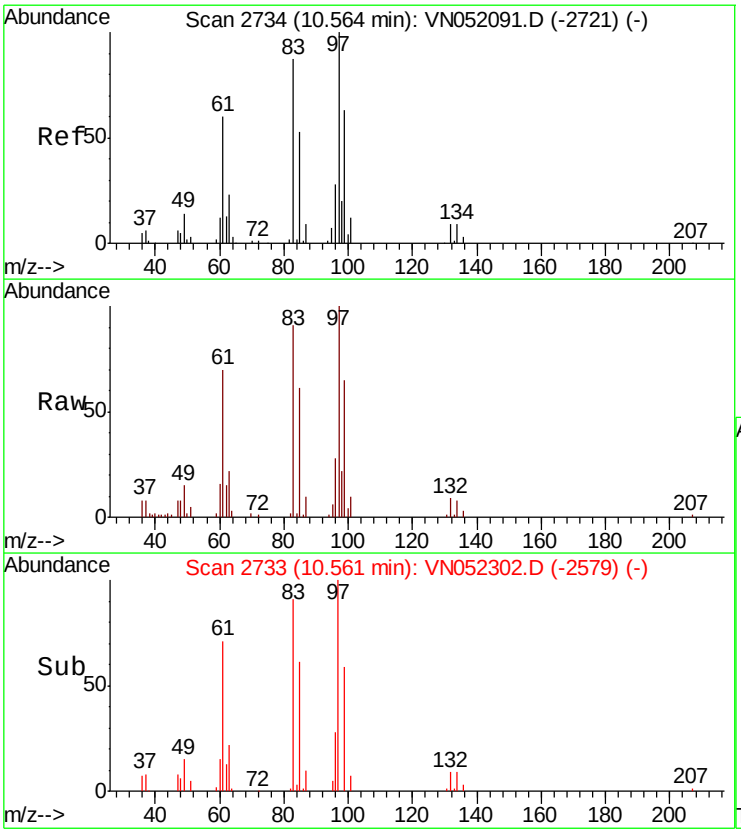

#49
cis-1,3-Dichloropropene
Concen: 20.279 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 75 Resp: 95956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.5 | 23.3 | 34.9 |
| 39 | 62.8 | 41.6 | 62.4# |

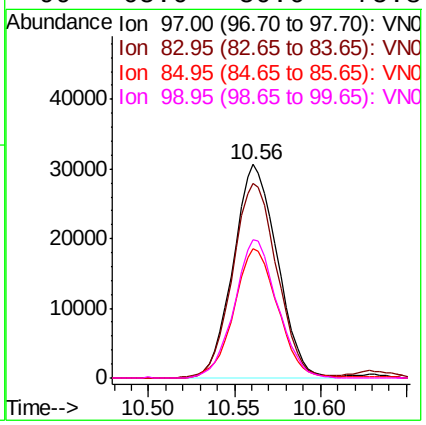


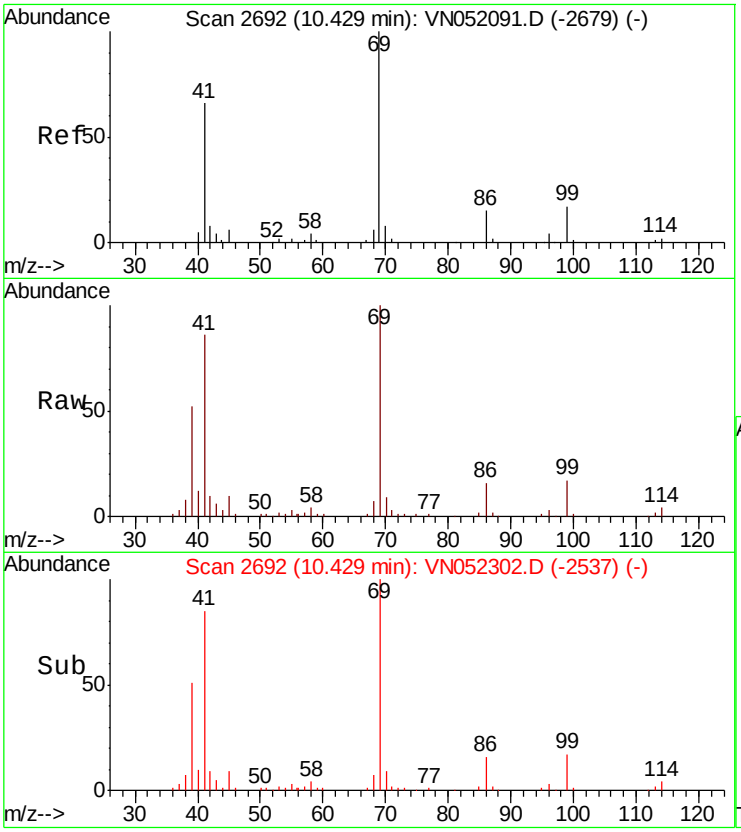




#50
1,1,2-Trichloroethane
Concen: 20.374 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 97 Resp: 54363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 90.3 | 69.4 | 104.0 |
| 85 | 60.5 | 42.7 | 64.1 |
| 99 | 65.0 | 50.6 | 75.8 |



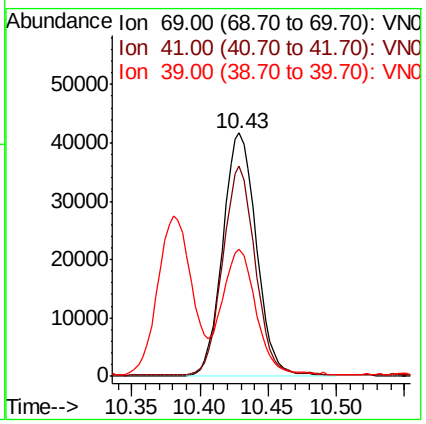


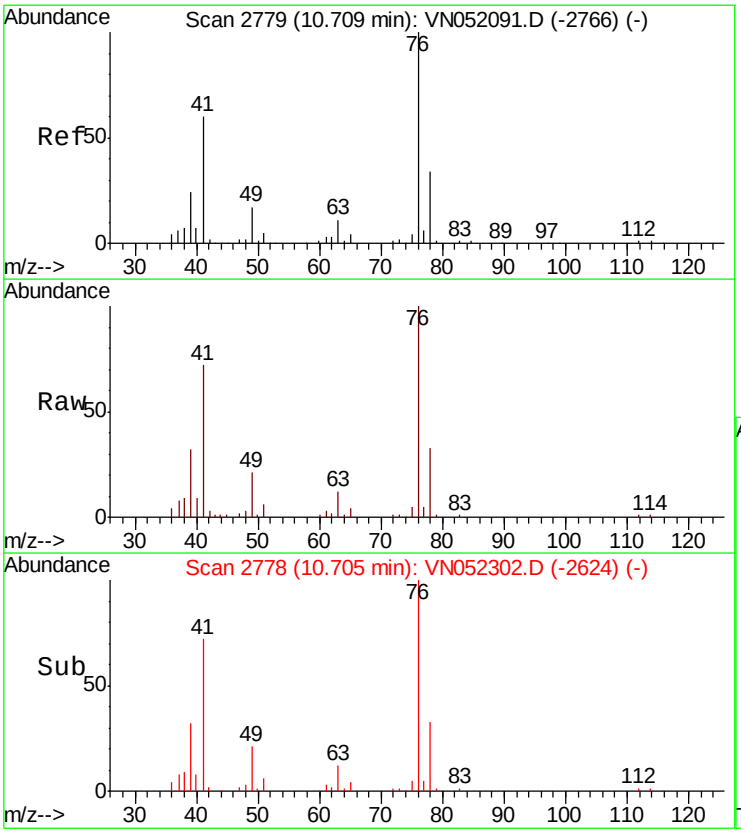

#51
Ethyl methacrylate
Concen: 20.798 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 69 Resp: 71722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 85.6 | 33.0 | 99.0 |
| 39 | 51.5 | 20.7 | 62.1 |

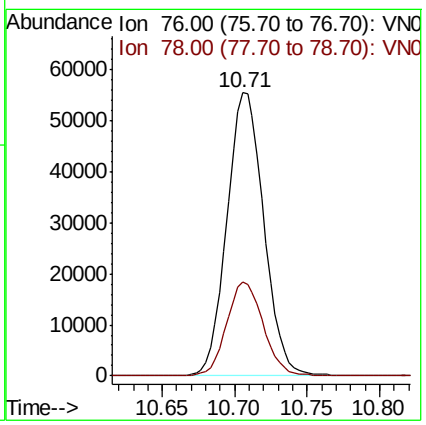


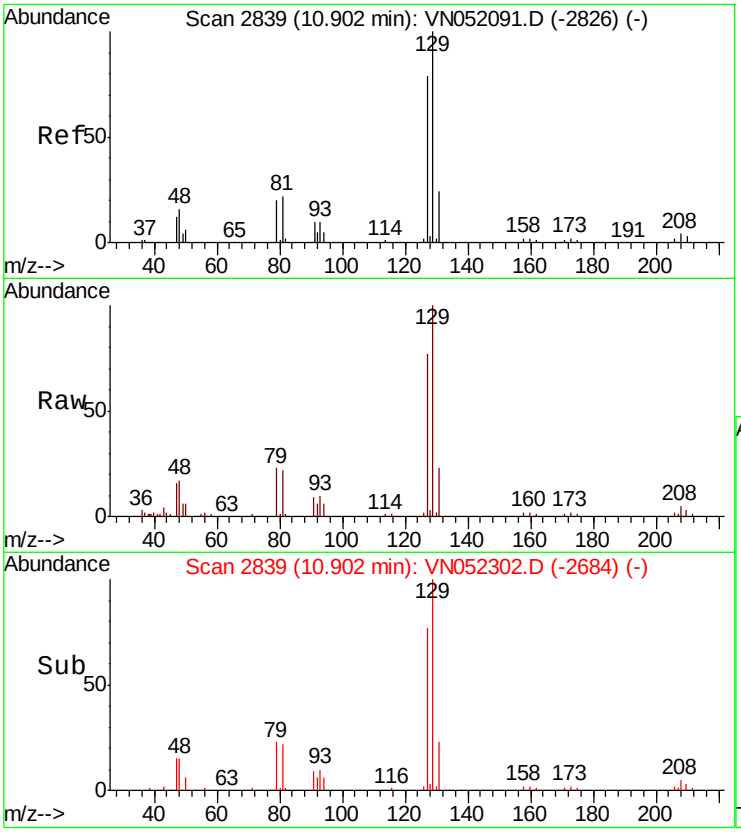




#52
1,3-Dichloropropane
Concen: 21.135 ug/l
RT: 10.71 min Scan# 2778
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 76 Resp: 98229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.8 | 0.0 | 65.0 |



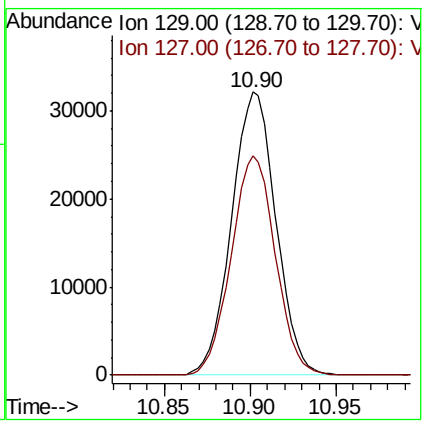


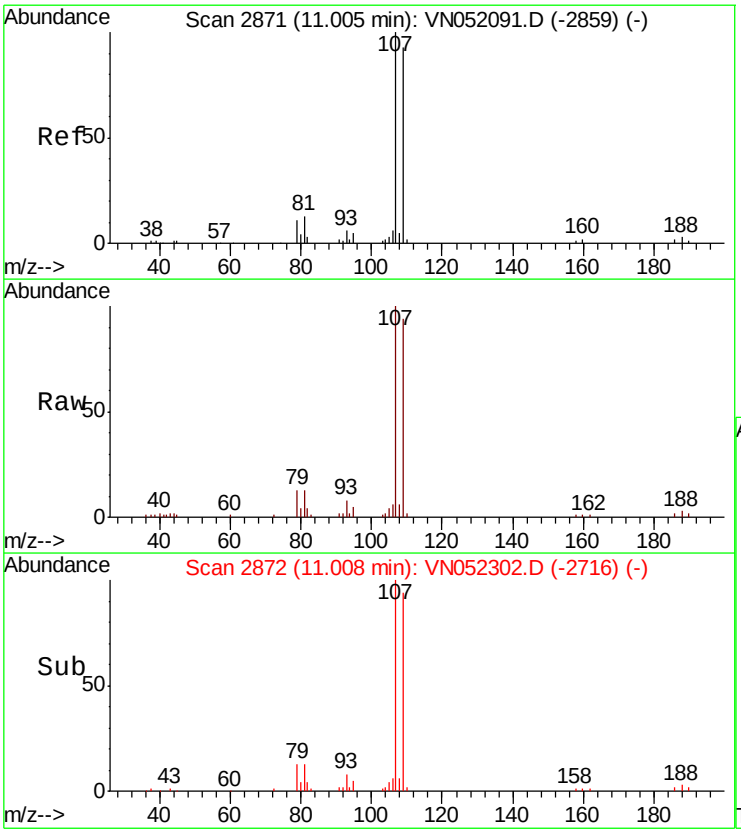

#53
Dibromochloromethane
Concen: 20.050 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:129 Resp: 57756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.0 | 39.2 | 117.6 |

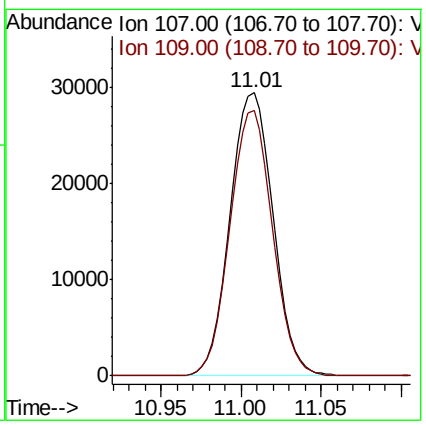


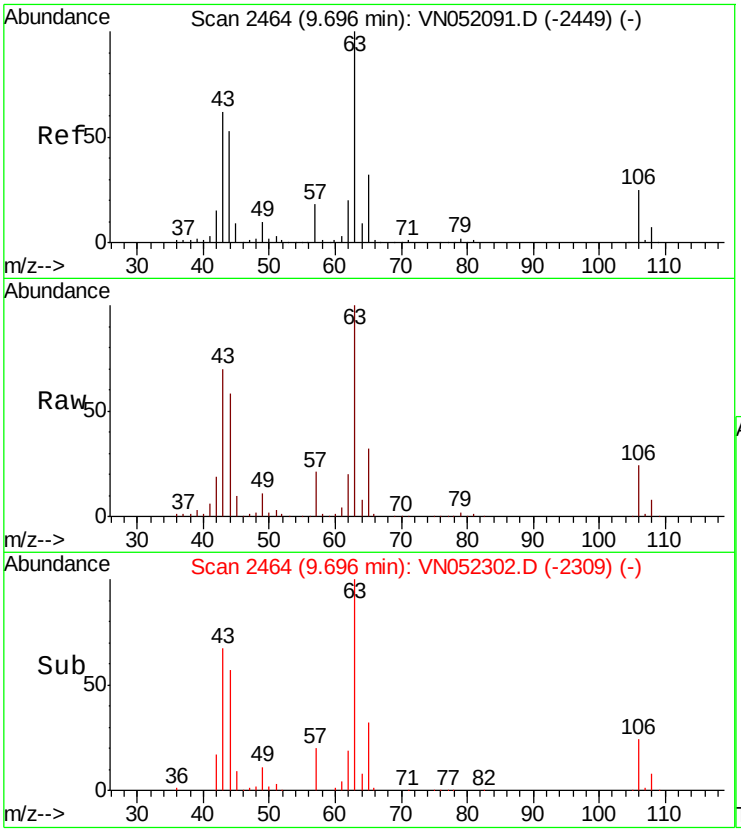




#54
1,2-Dibromoethane
Concen: 20.054 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:107 Resp: 54262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 92.5 | 77.0 | 115.6 |



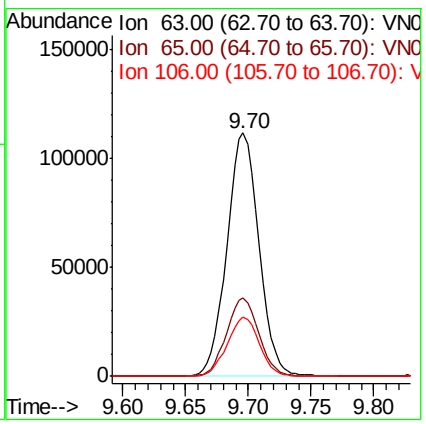


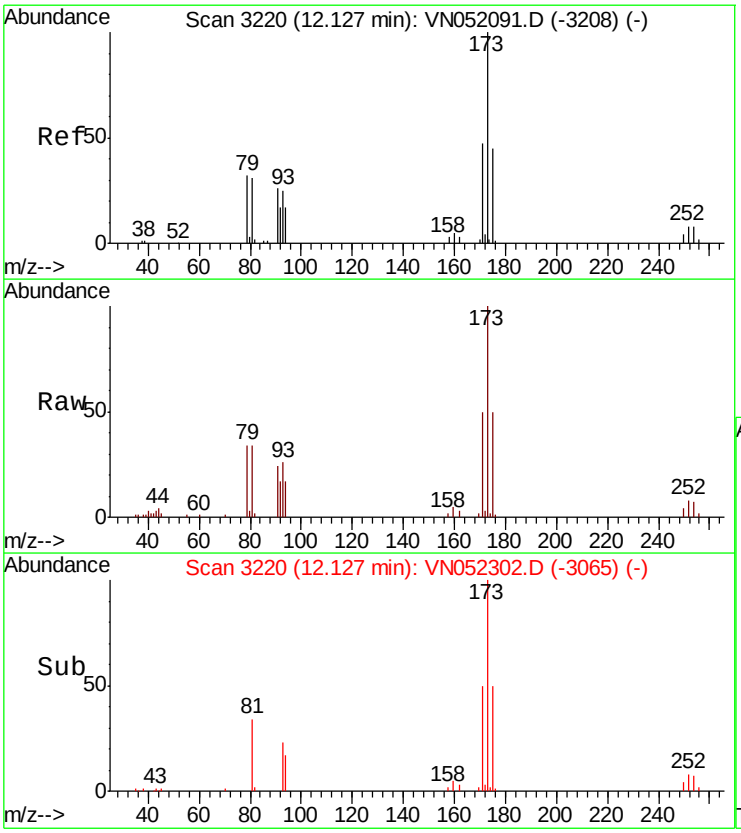

#55
2-Chloroethyl vinyl ether
Concen: 105.245 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 63 Resp: 198739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.5 | 25.5 | 38.3 |
| 106 | 24.3 | 20.4 | 30.6 |

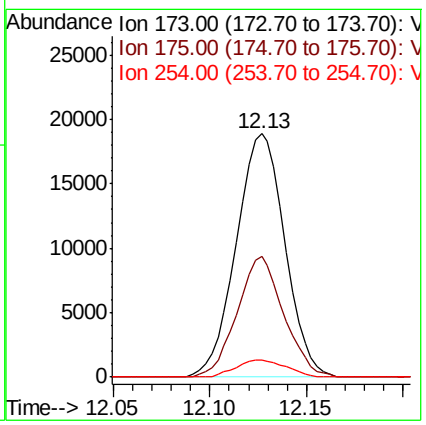


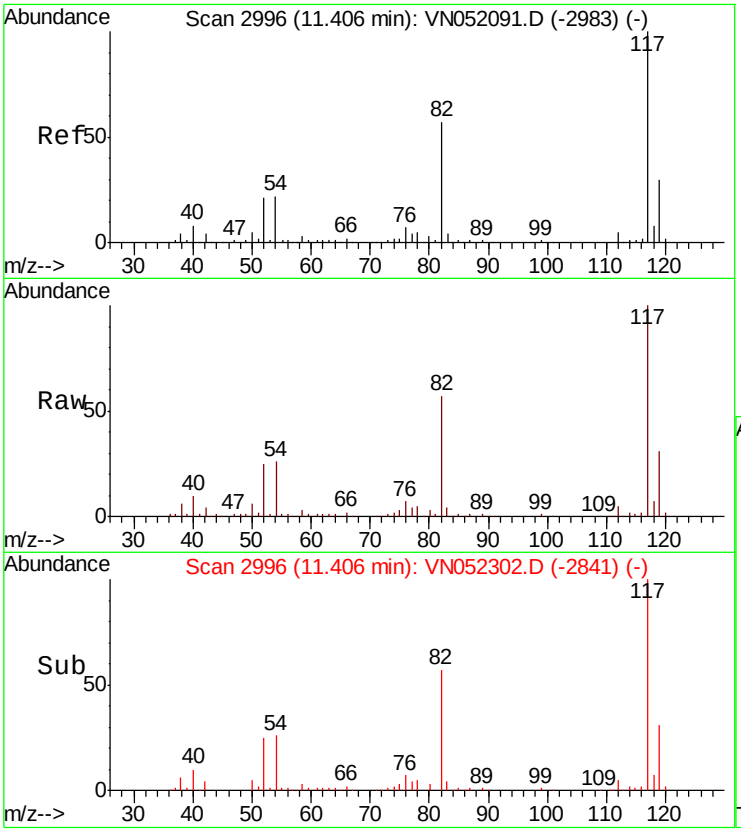




#56
Bromoform
Concen: 19.846 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:173 Resp: 33018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.4 | 37.3 | 55.9 |
| 254 | 7.2 | 7.0 | 10.6 |



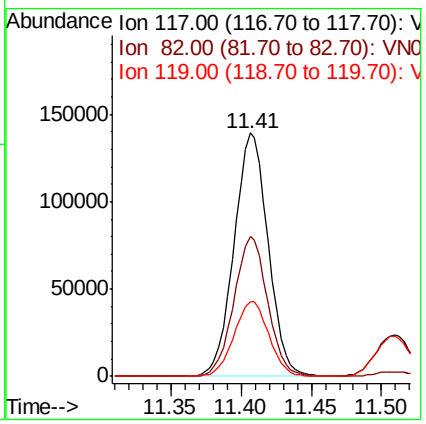


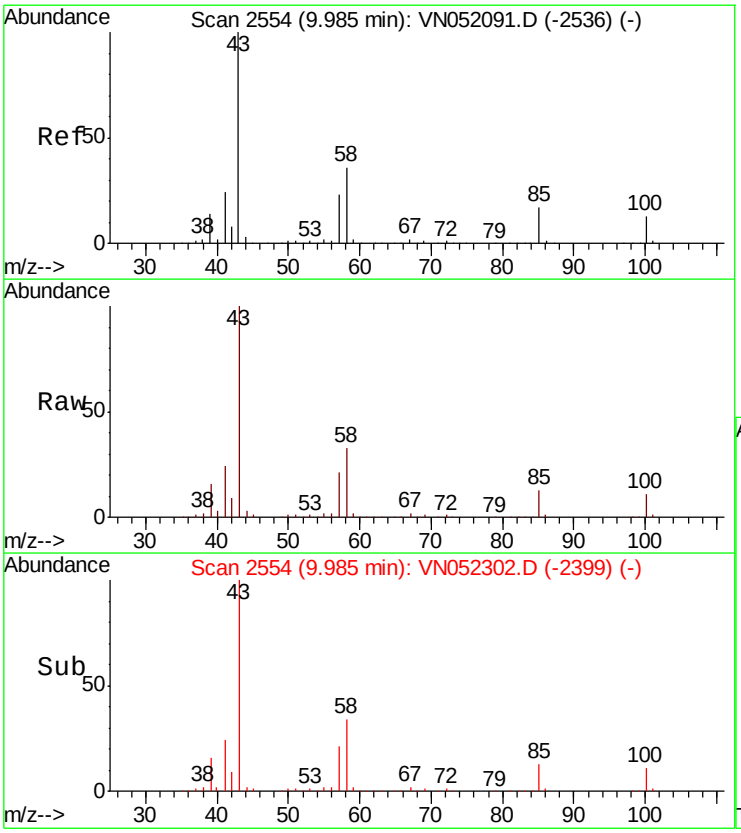

#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:117 Resp: 235639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.9 | 45.0 | 67.6 |
| 119 | 31.5 | 24.2 | 36.4 |

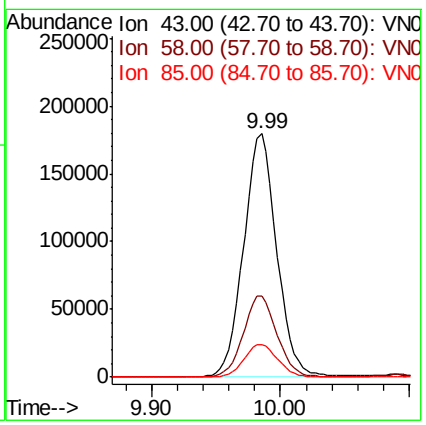


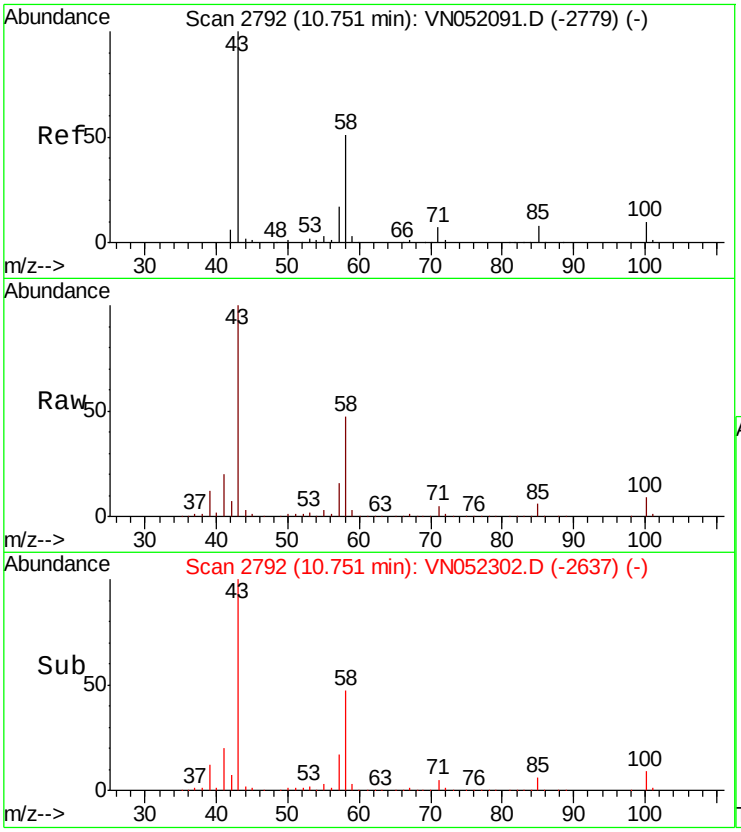




#58
4-Methyl-2-Pentanone
Concen: 126.227 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 43 Resp: 318722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.2 | 29.0 | 43.6 |
| 85 | 13.8 | 13.4 | 20.2 |



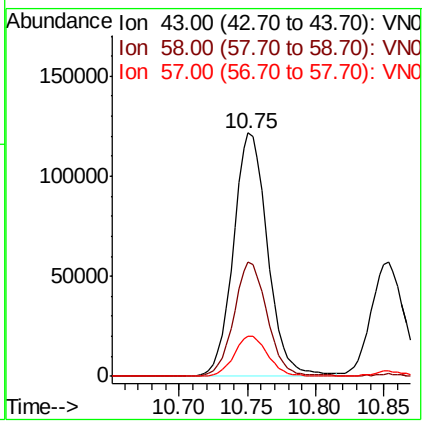


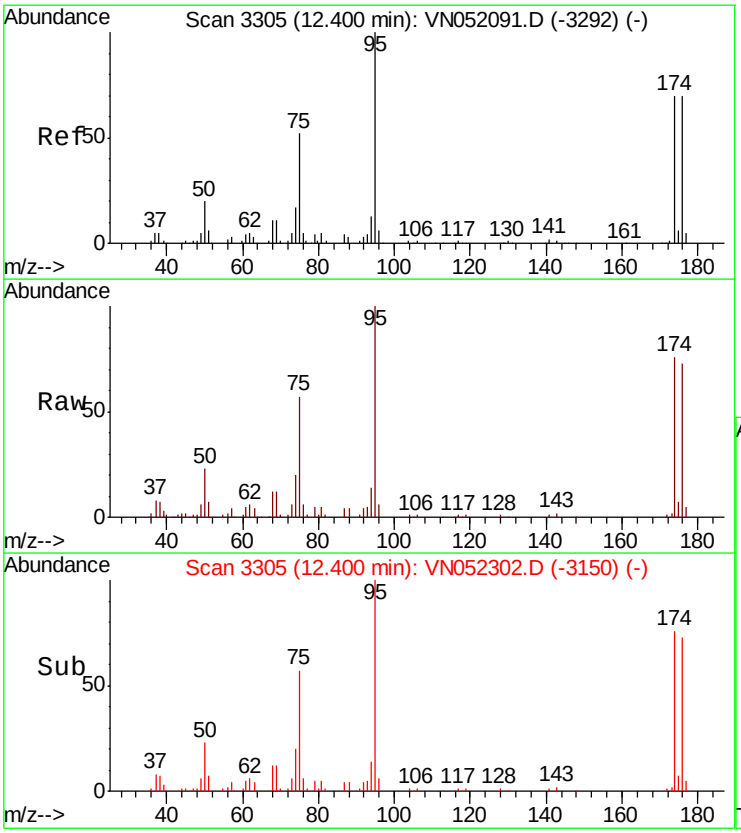

#59
2-Hexanone
Concen: 120.456 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 43 Resp: 209419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 45.9 | 40.8 | 61.2 |
| 57 | 16.7 | 13.8 | 20.8 |

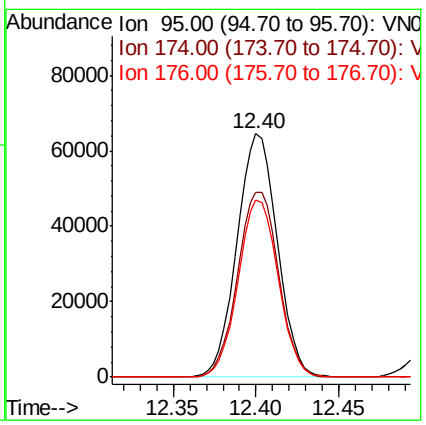


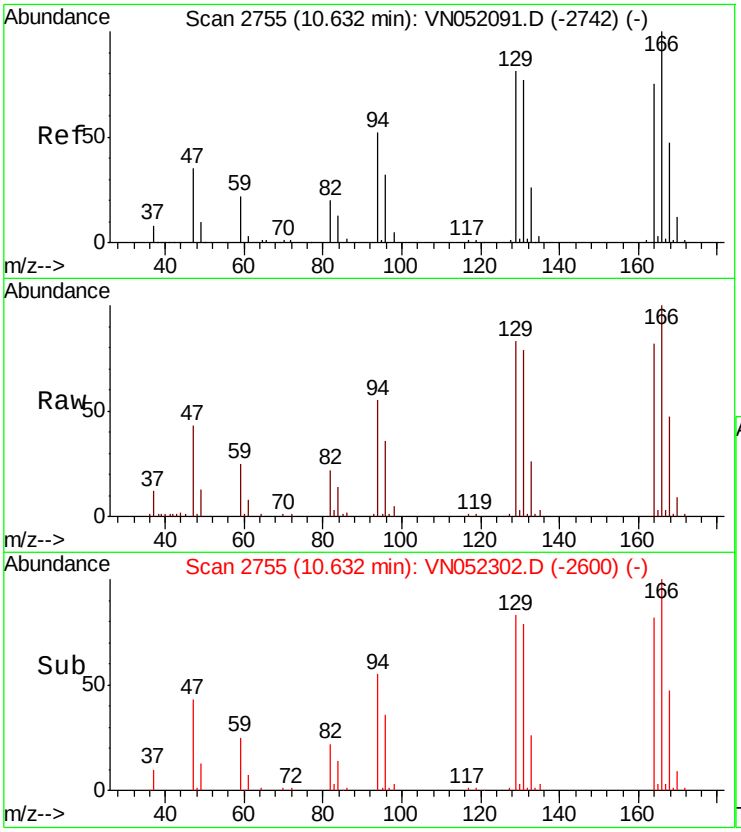




#60
4-Bromofluorobenzene
Concen: 120.456 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 95 Resp: 109288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.1 | 55.0 | 82.6 |
| 176 | 72.3 | 54.2 | 81.4 |



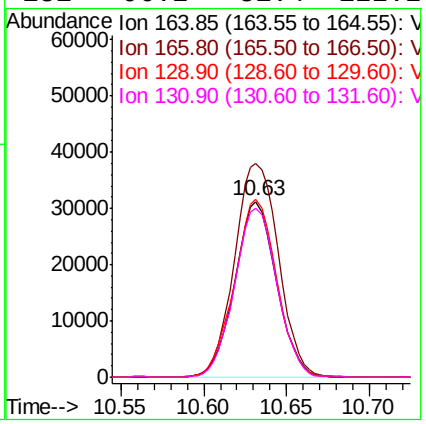


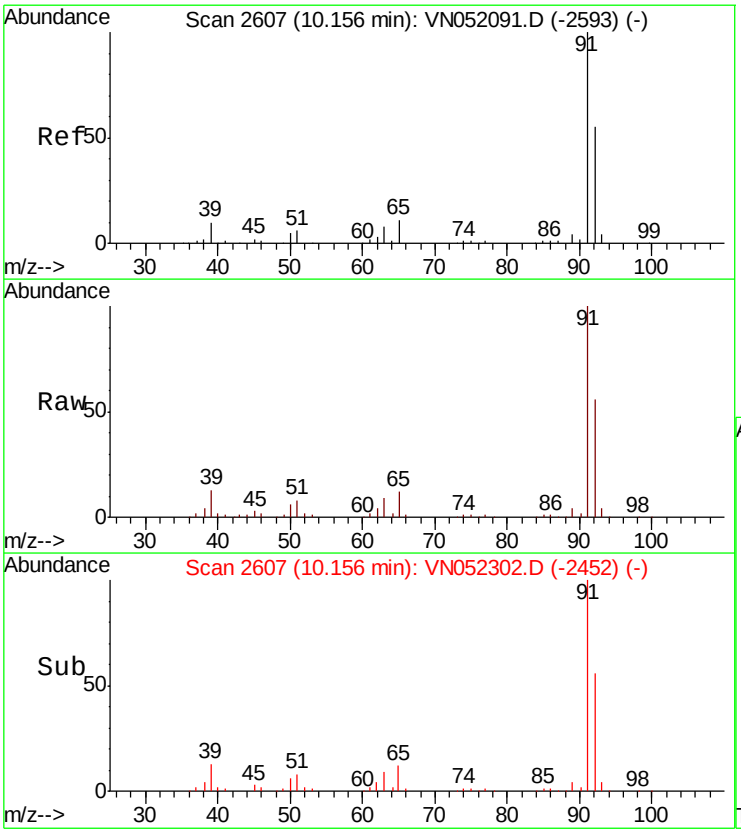

#61
Tetrachloroethene
Concen: 21.276 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:164 Resp: 54524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 121.4 | 106.4 | 159.6 |
| 129 | 100.8 | 87.0 | 130.4 |
| 131 | 96.2 | 81.4 | 122.2 |

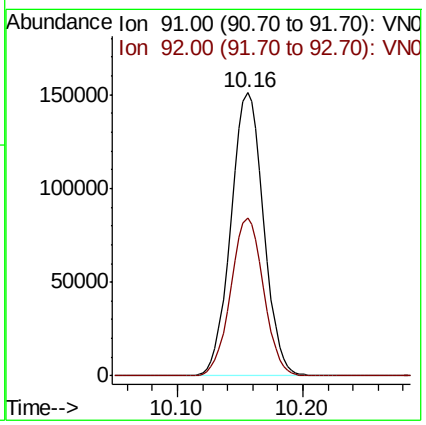


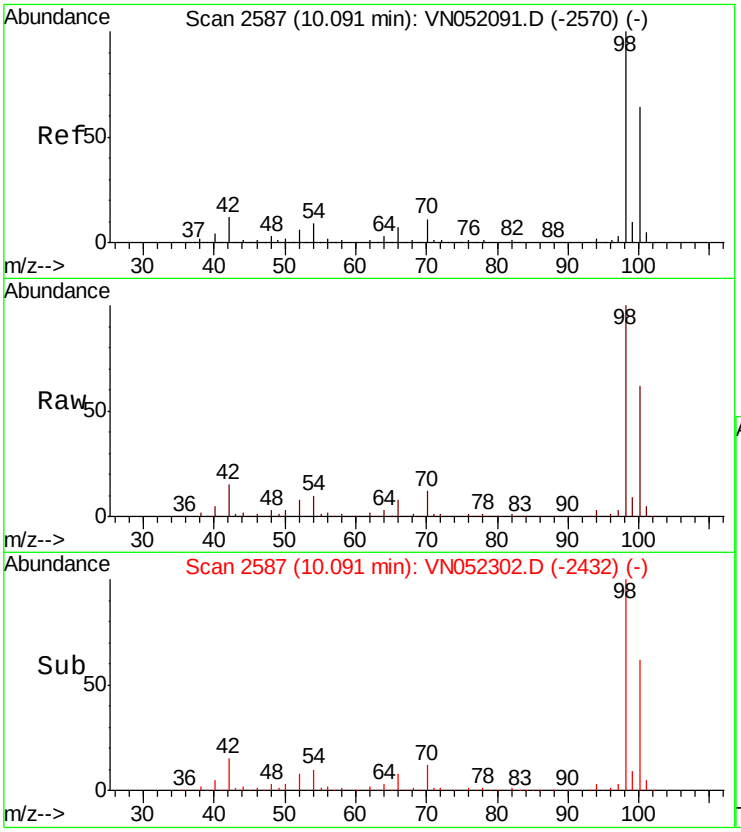




#62
Toluene
Concen: 20.694 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 91 Resp: 273737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.0 | 44.6 | 67.0 |



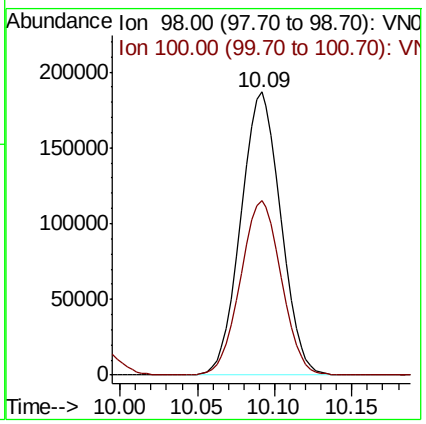


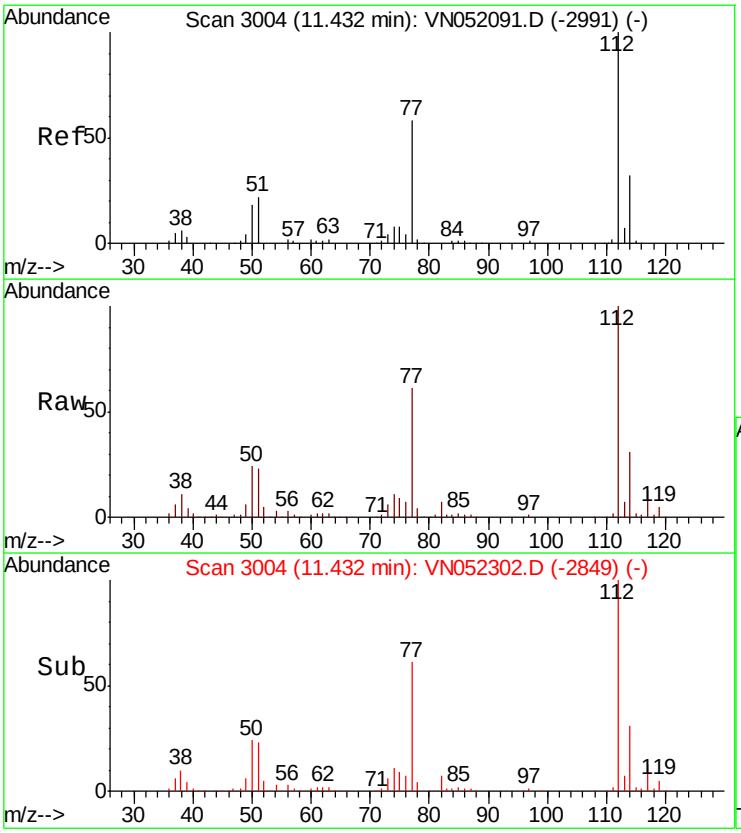

#63
Toluene-d8
Concen: 20.694 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 98 Resp: 336428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.7 | 50.7 | 76.1 |

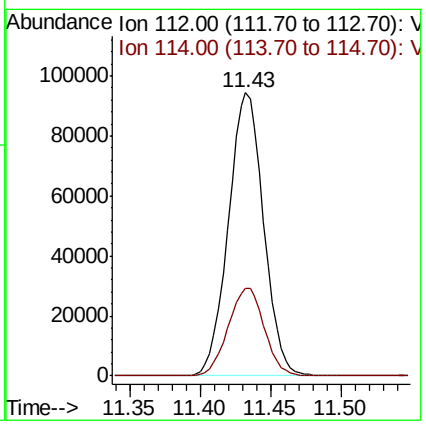


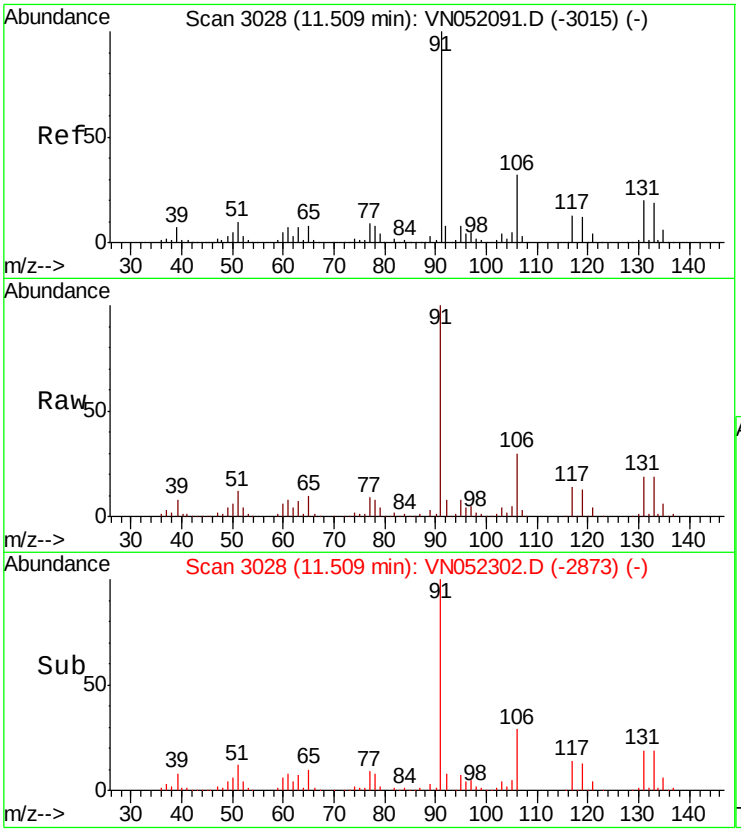




#64
Chlorobenzene
Concen: 19.636 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:112 Resp: 164615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.0 | 25.5 | 38.3 |



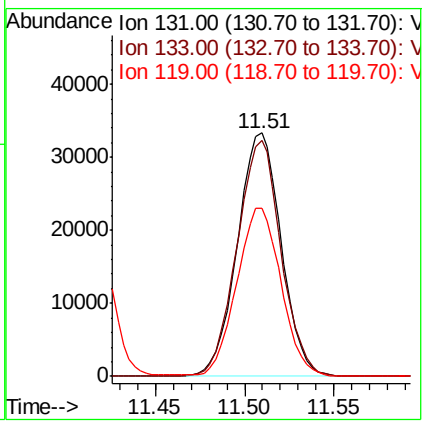


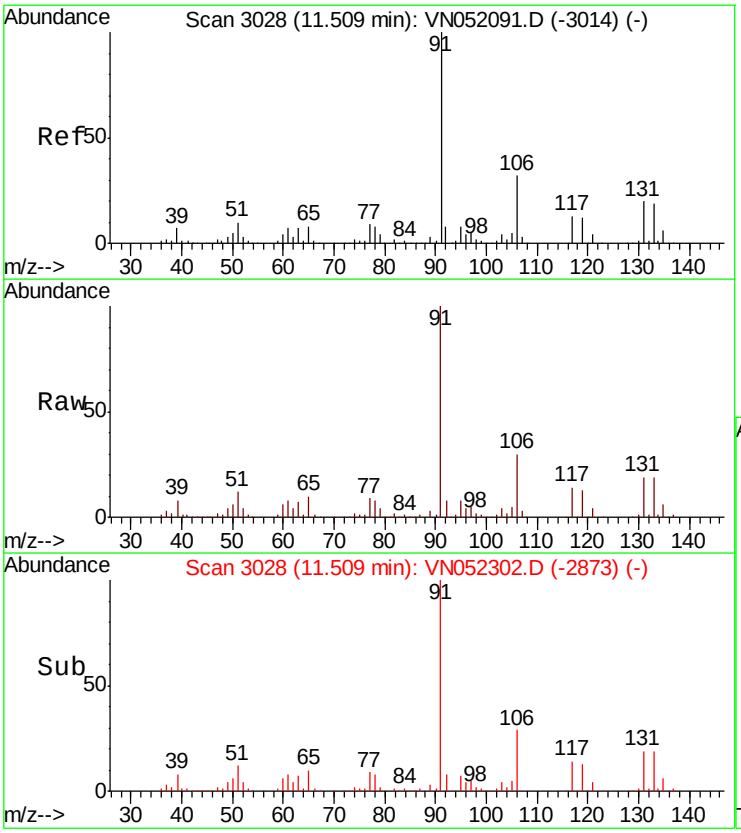

#65
1,1,1,2-Tetrachloroethane
Concen: 20.067 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:131 Resp: 57259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 97.4 | 0.0 | 188.8 |
| 119 | 69.9 | 0.0 | 131.4 |

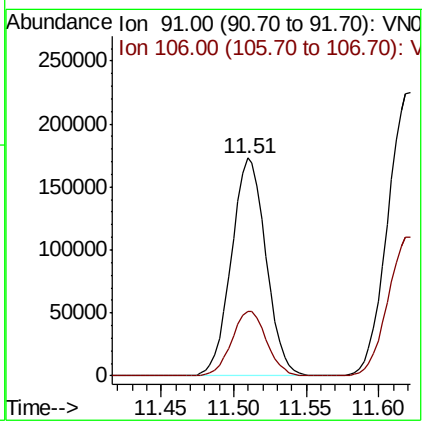


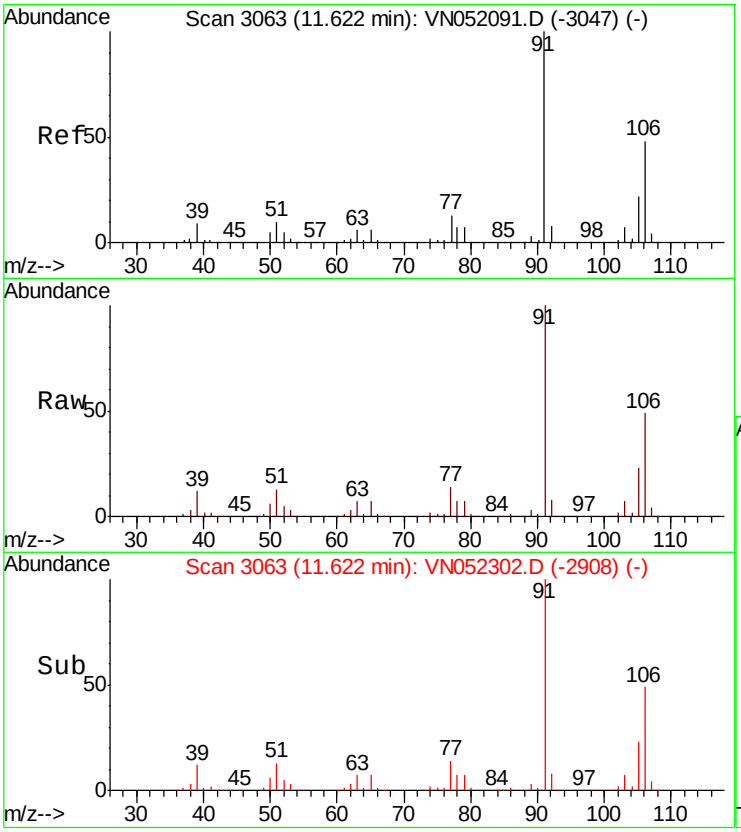




#66
Ethyl Benzene
Concen: 19.996 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 91 Resp: 285704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.9 | 25.7 | 38.5 |



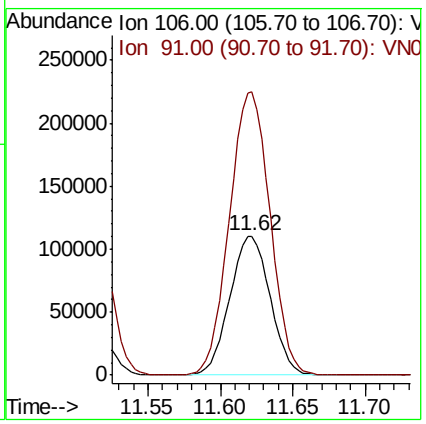


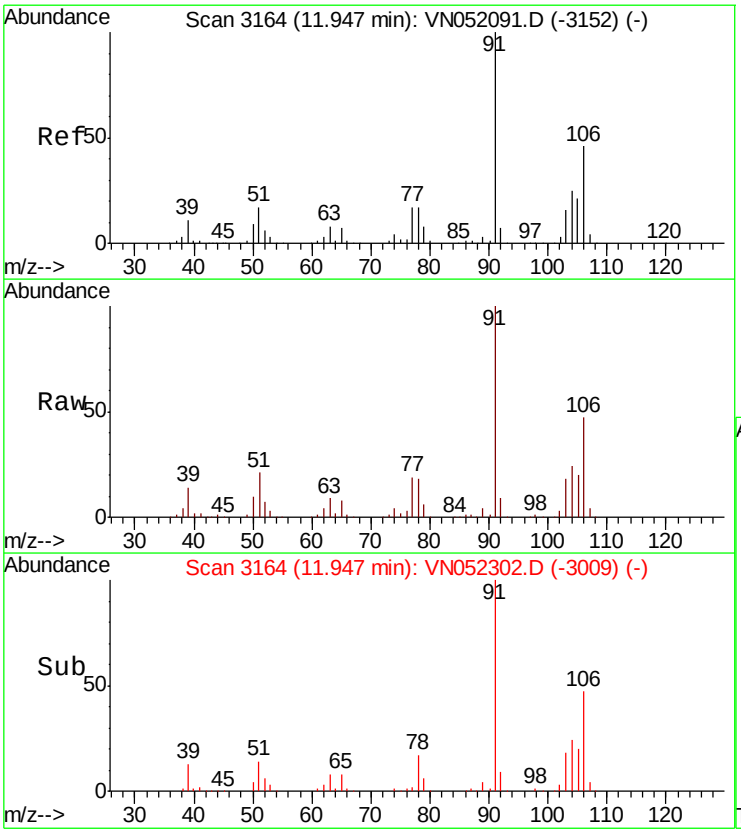

#67
m/p-Xylenes
Concen: 38.725 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:106 Resp: 213027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.6 | 163.6 | 245.4 |

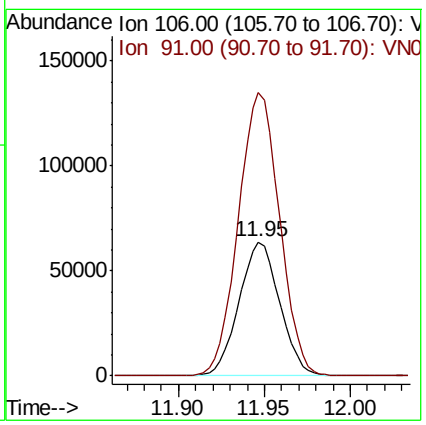


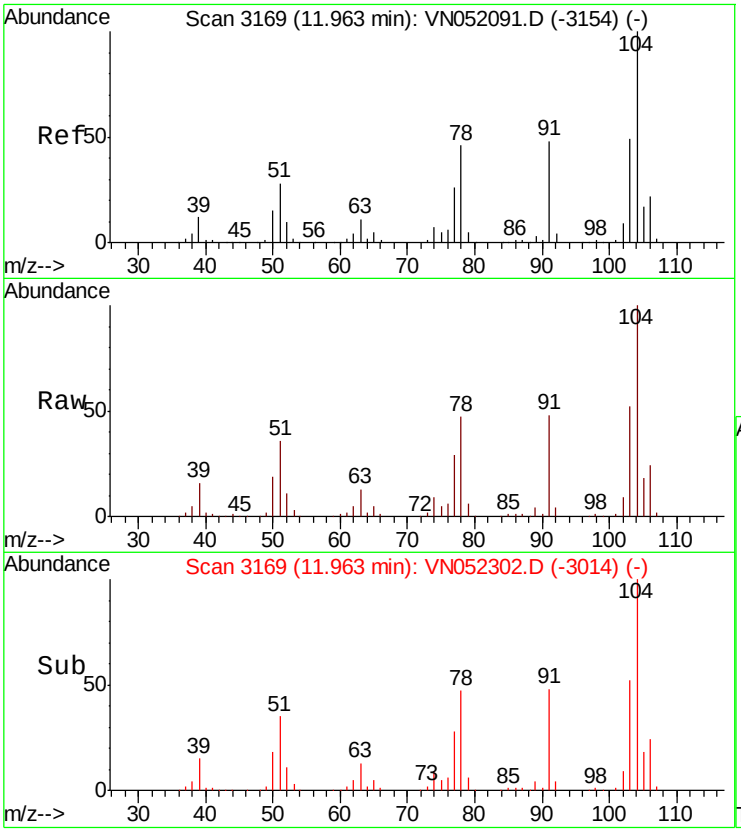




#68
o-Xylene
Concen: 19.979 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:106 Resp: 104783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 214.3 | 110.0 | 330.0 |



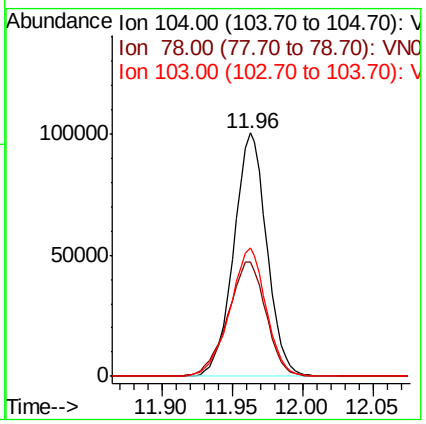


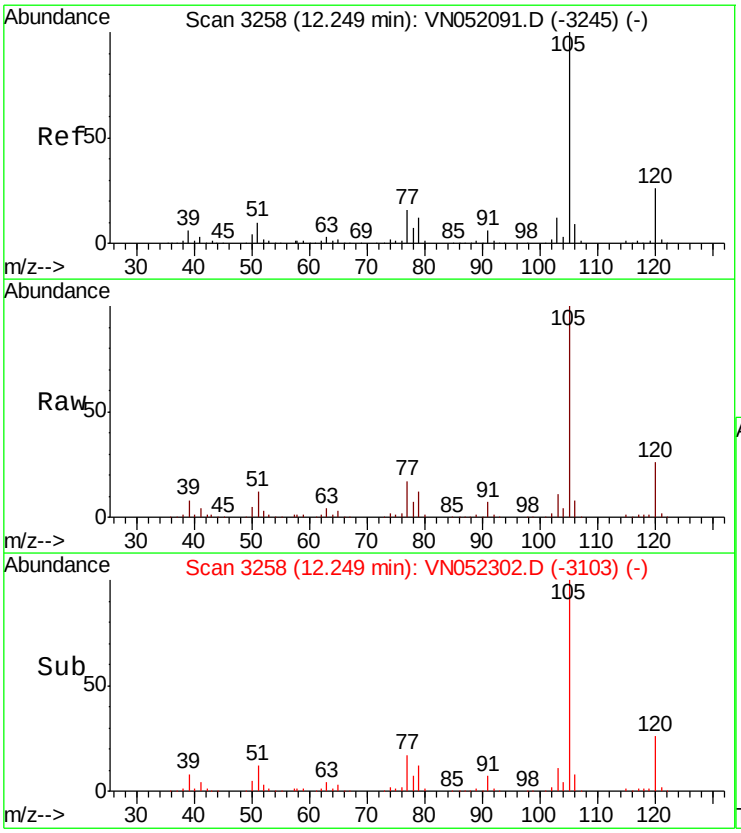

#69
Stvrene
Concen: 19.508 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:104 Resp: 164867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.9 | 41.3 | 61.9 |
| 103 | 57.4 | 43.3 | 64.9 |

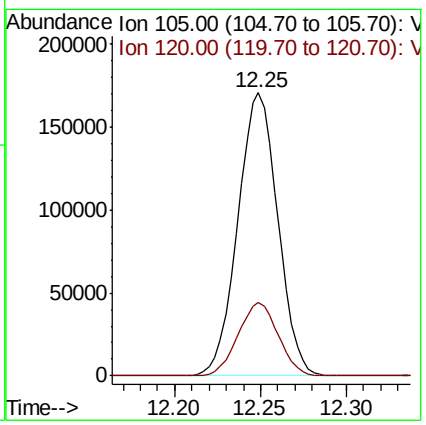


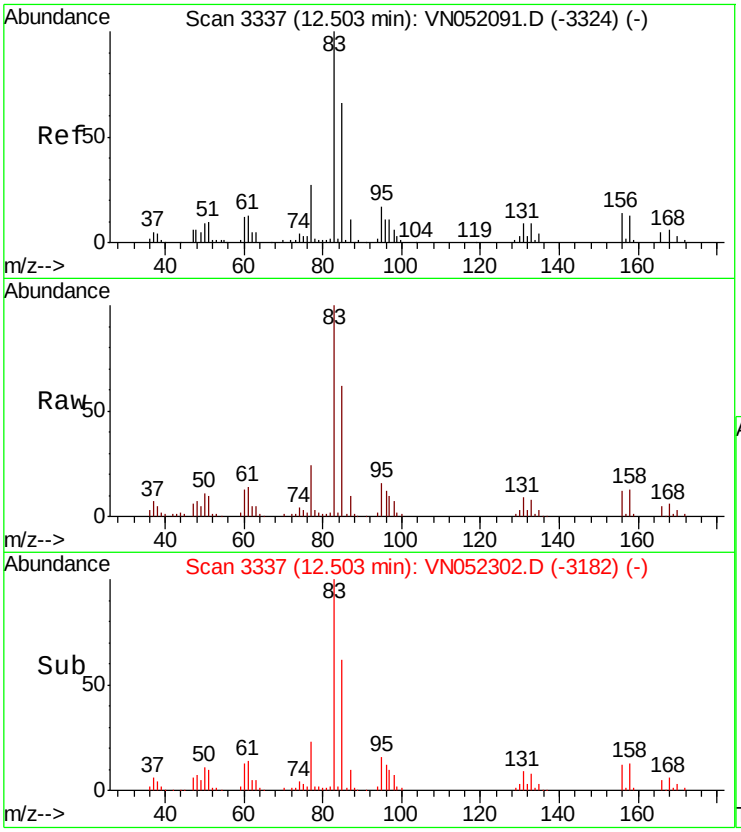




#70
Isopropylbenzene
Concen: 19.553 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:105 Resp: 275282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.9 | 18.4 | 34.2 |



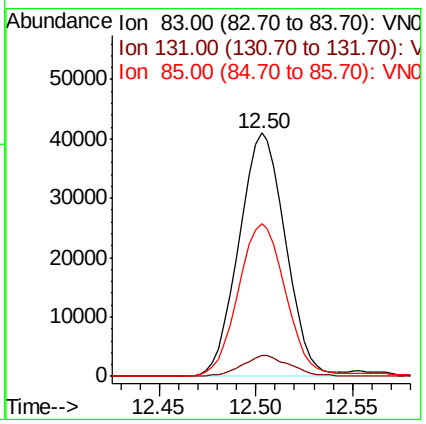


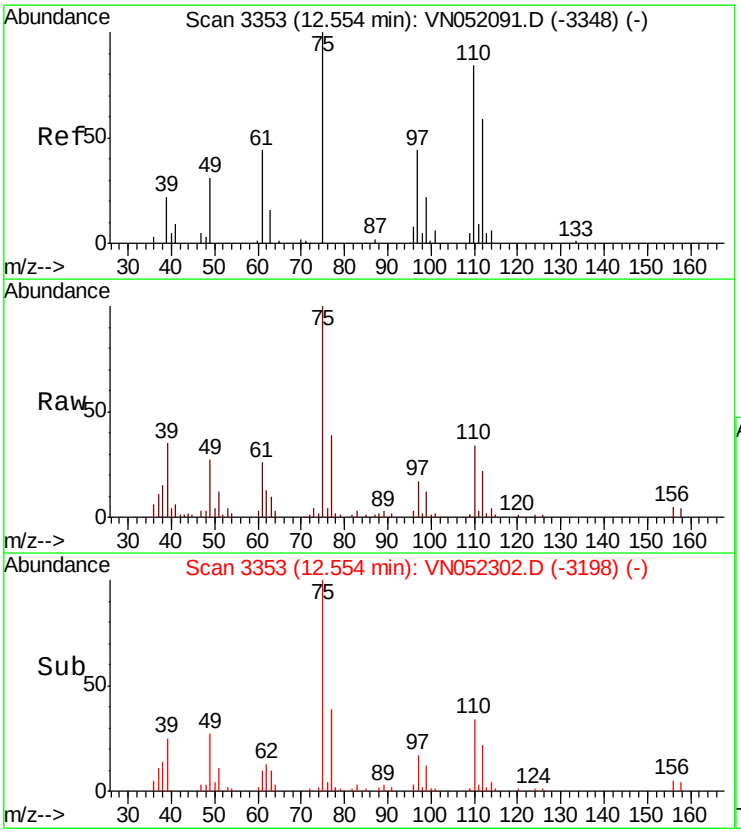

#71
1,1,2,2-Tetrachloroethane
Concen: 22.184 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 83 Resp: 68698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.8 | 4.8 | 14.3 |
| 85 | 63.9 | 32.7 | 98.1 |

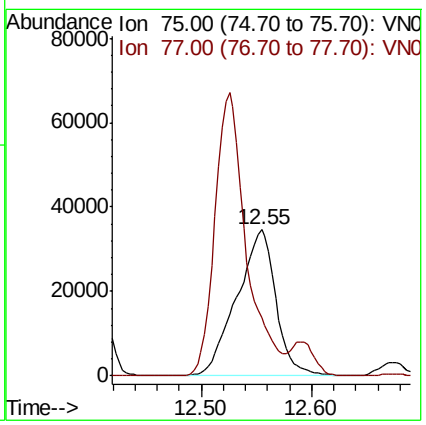


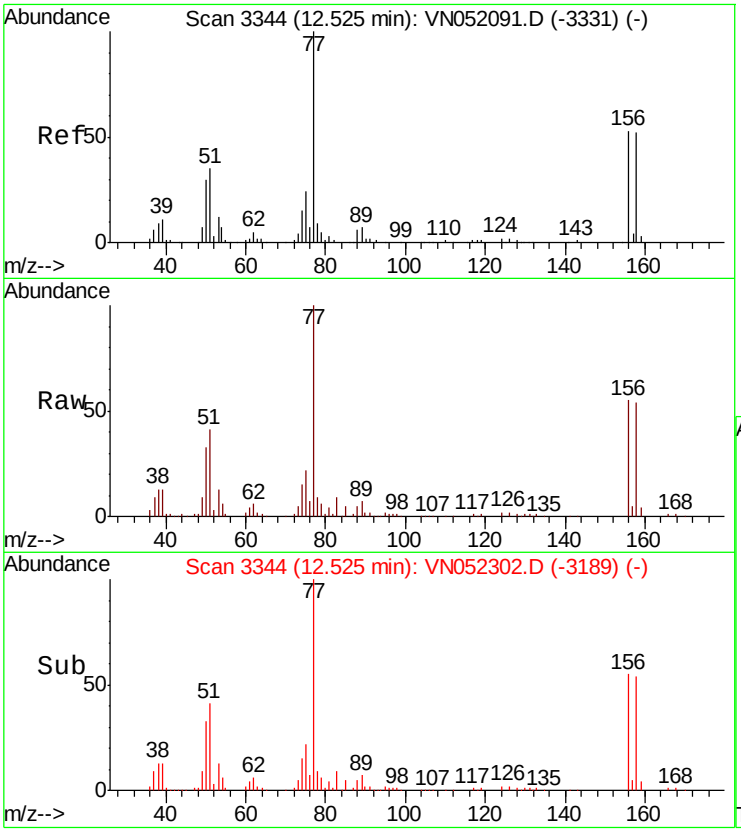




#72
1,2,3-Trichloropropane
Concen: 31.312 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 75 Resp: 85256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 155.8 | 0.0 | 481.8 |



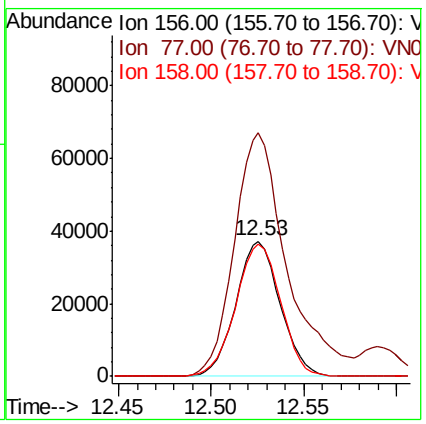


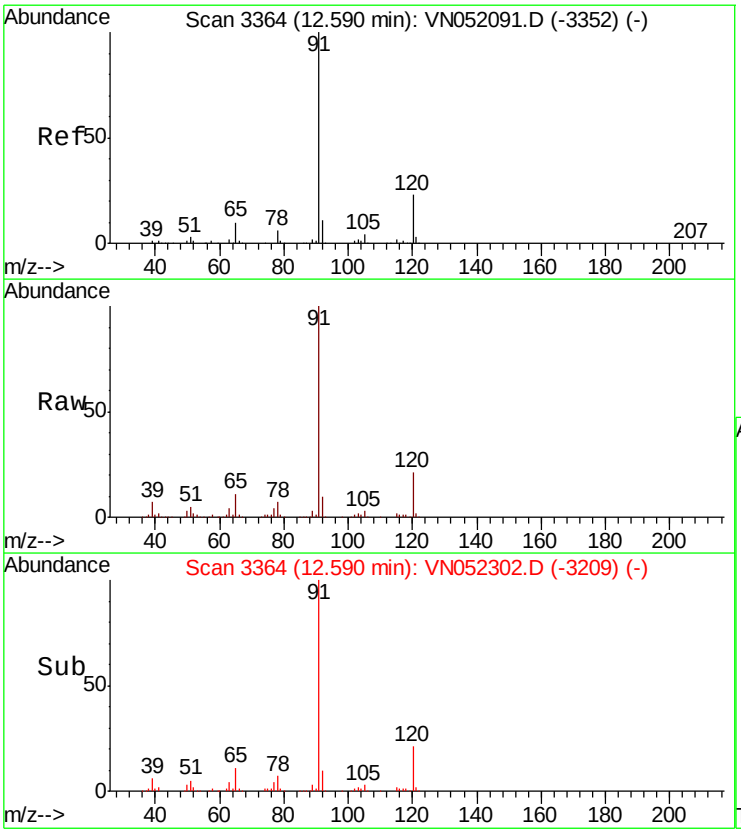

#73
Bromobenzene
Concen: 19.786 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:156 Resp: 61725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 215.2 | 0.0 | 428.0 |
| 158 | 99.3 | 0.0 | 196.8 |

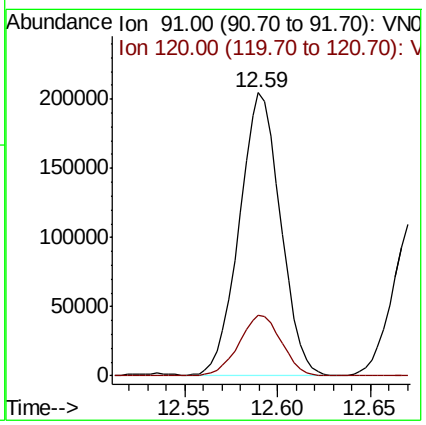


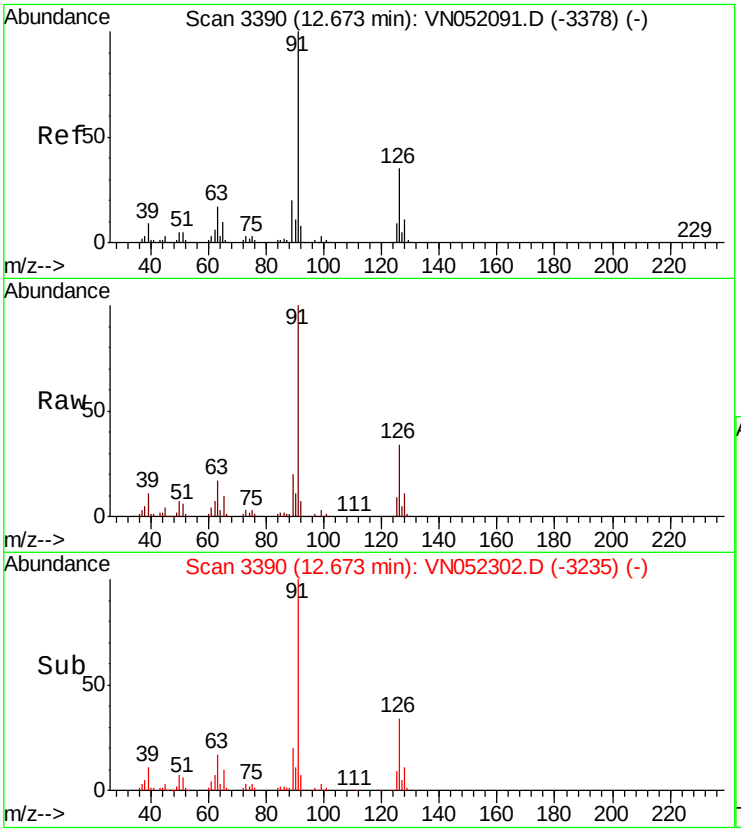




#74
n-propylbenzene
Concen: 19.287 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 91 Resp: 316208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.0 | 0.0 | 44.8 |



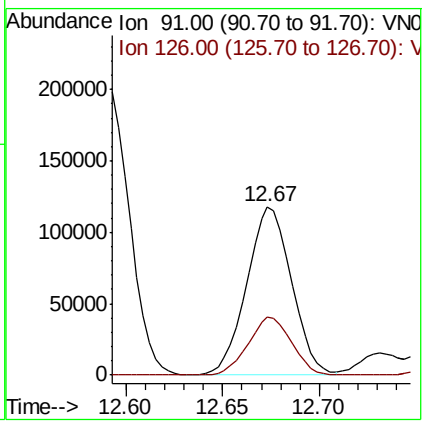


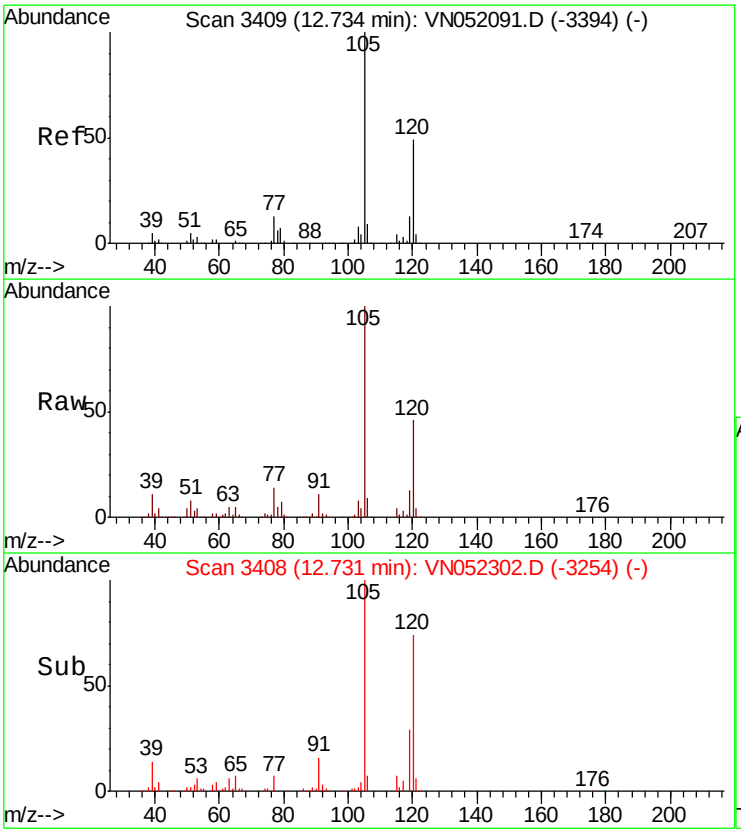

#75
2-Chlorotoluene
Concen: 20.076 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 91 Resp: 189762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.7 | 0.0 | 68.0 |

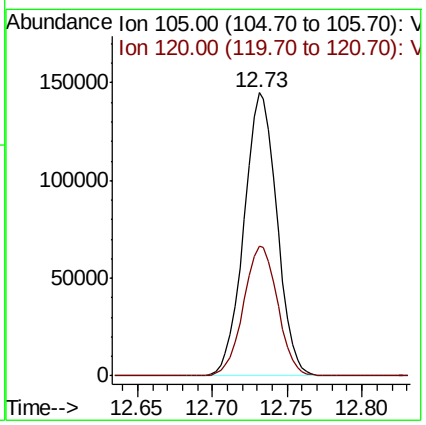


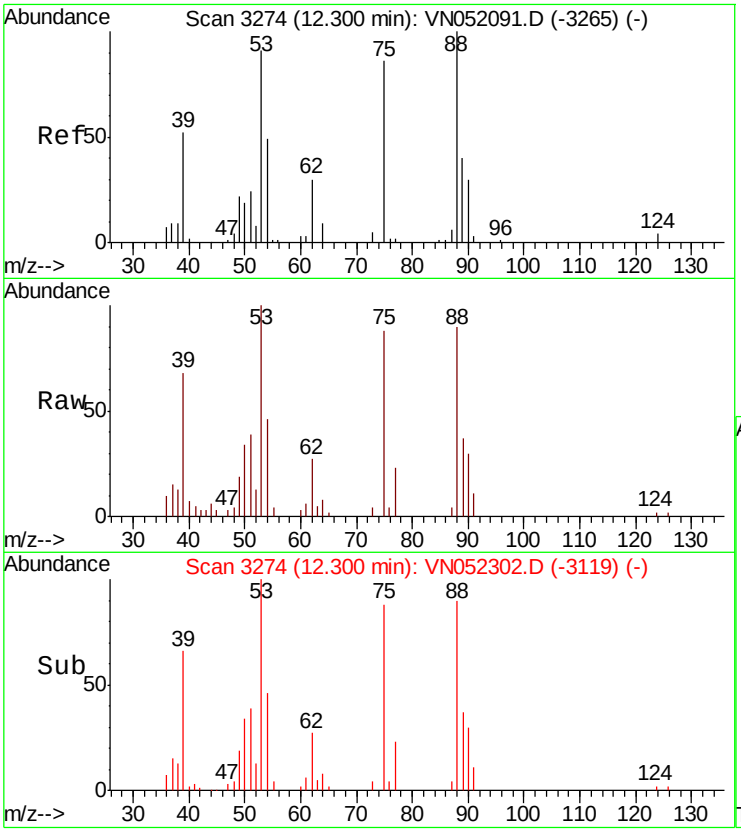




#76
1,3,5-Trimethylbenzene
Concen: 19.696 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:105 Resp: 222363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.2 | 0.0 | 95.8 |



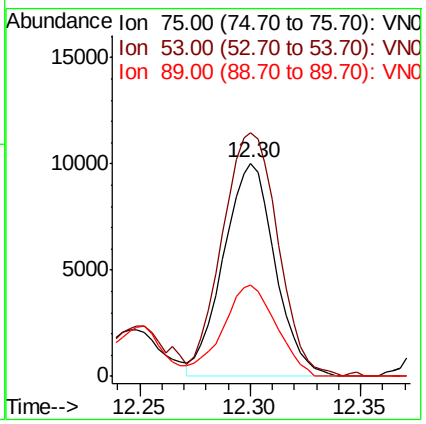


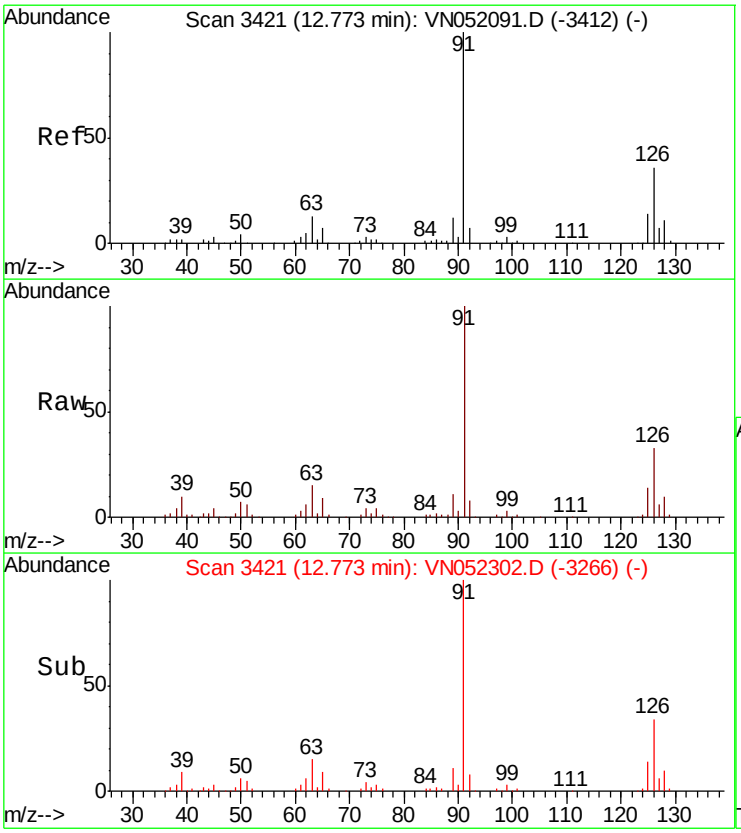

#77
t-1,4-Dichloro-2-butene
Concen: 19.149 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 75 Resp: 16314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 112.4 | 50.7 | 152.1 |
| 89 | 42.7 | 23.8 | 71.5 |

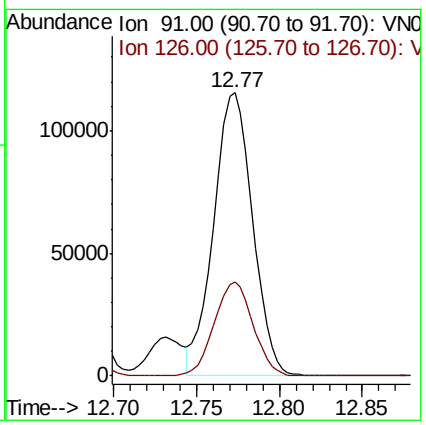


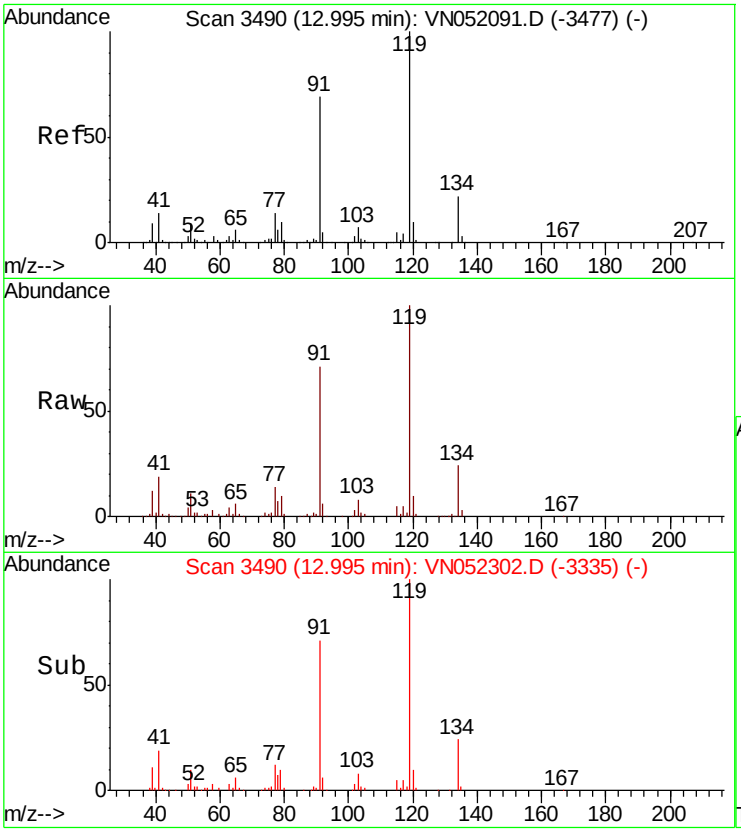




#78
4-Chlorotoluene
Concen: 19.882 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 91 Resp: 189253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.8 | 0.0 | 68.0 |



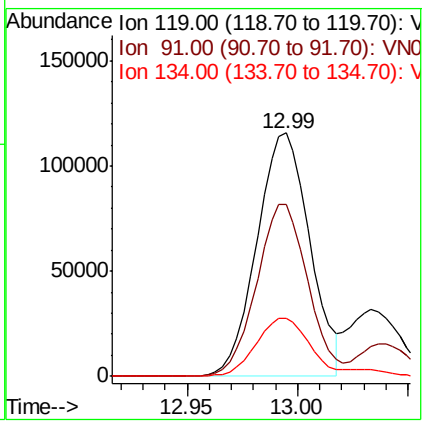


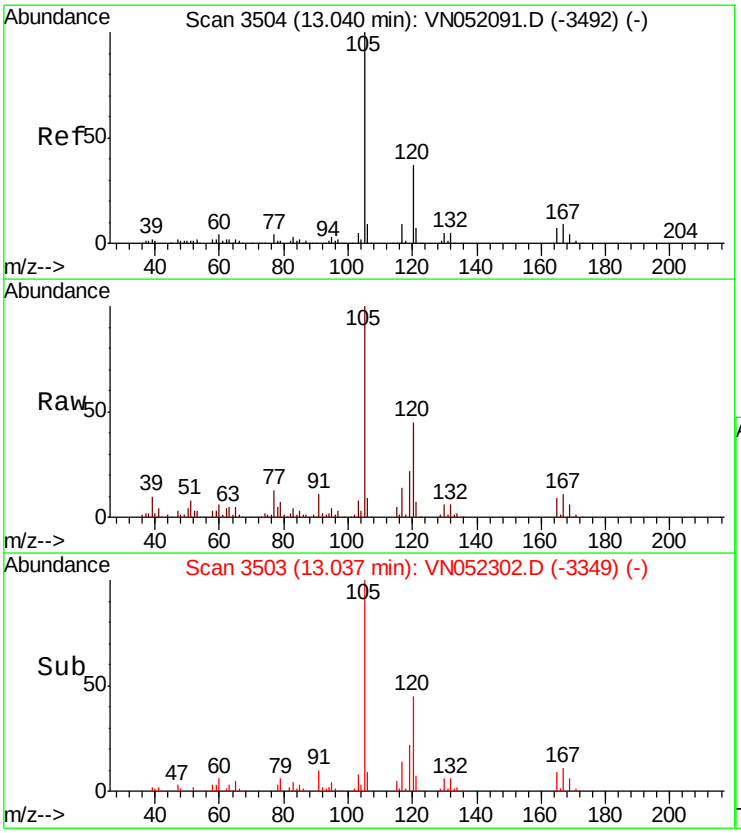

#79
tert-butylbenzene
Concen: 19.587 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:119 Resp: 192625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 68.3 | 0.0 | 131.2 |
| 134 | 24.5 | 0.0 | 45.8 |

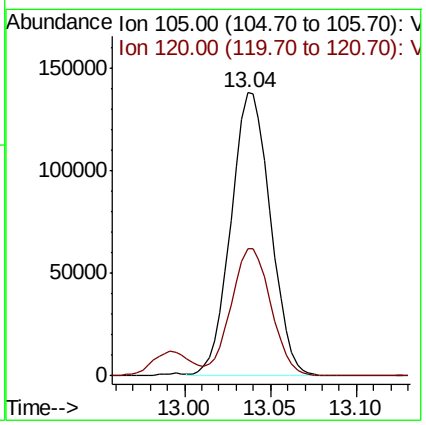


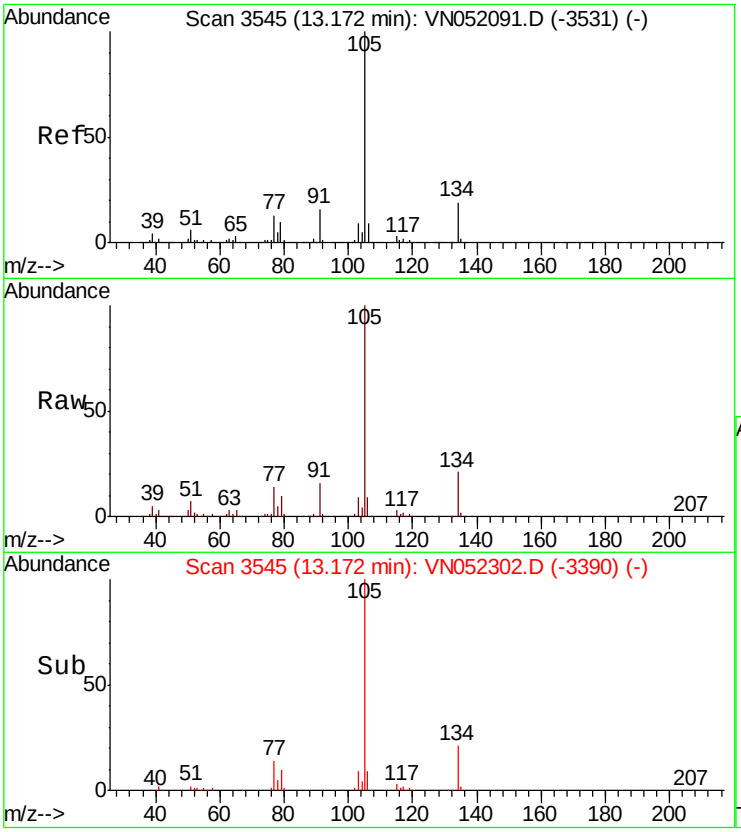




#80
1,2,4-Trimethylbenzene
Concen: 19.664 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:105 Resp: 221154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.4 | 0.0 | 89.4 |



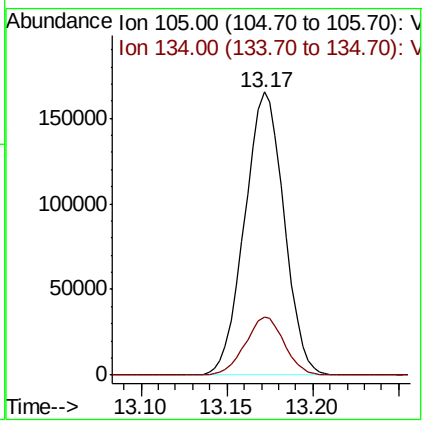


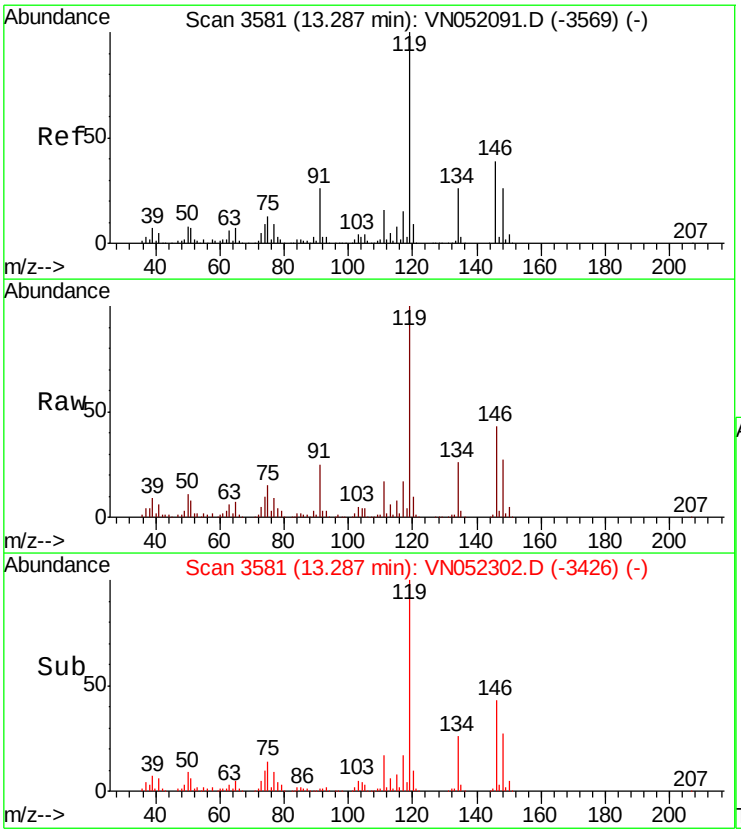

#81
sec-Butylbenzene
Concen: 19.379 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:105 Resp: 262270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.3 | 0.0 | 38.6 |

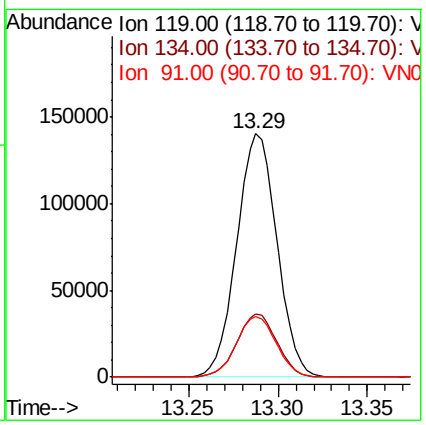


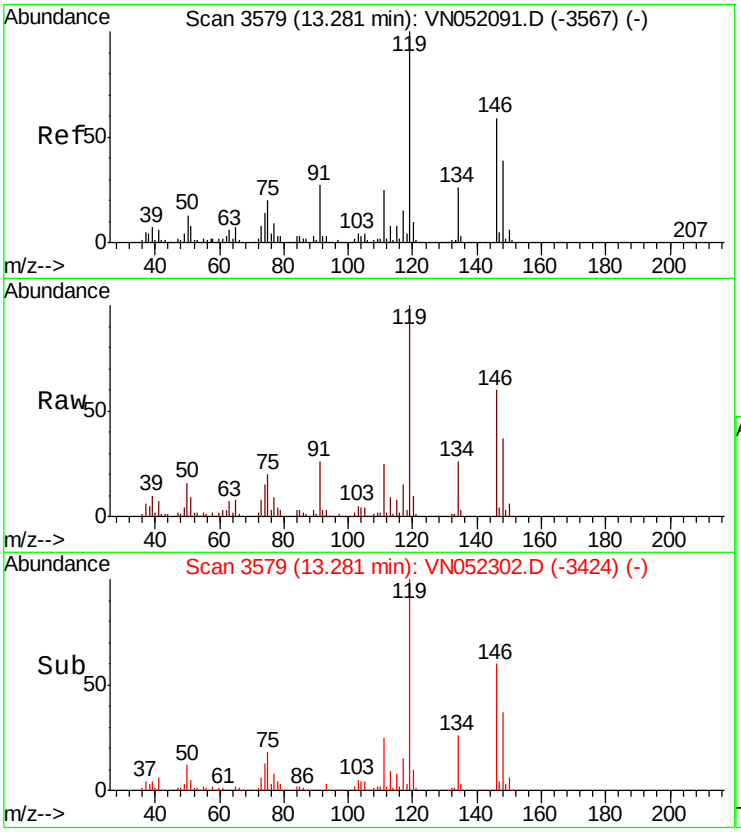




#82
p-Isopropyltoluene
Concen: 19.380 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:119 Resp: 221654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.8 | 0.0 | 52.0 |
| 91 | 24.6 | 0.0 | 50.8 |



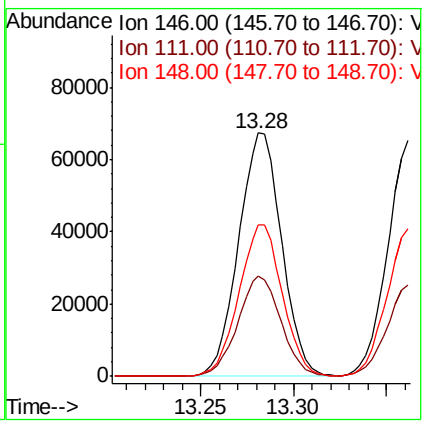


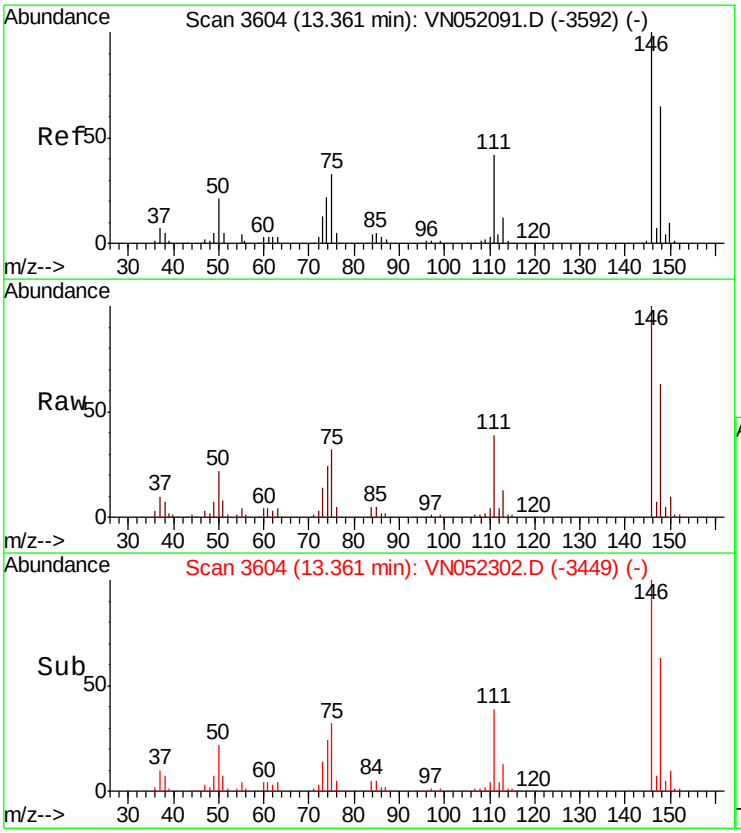

#83
1,3-Dichlorobenzene
Concen: 19.743 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:146 Resp: 108948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.1 | 21.0 | 63.0 |
| 148 | 62.8 | 33.4 | 100.2 |

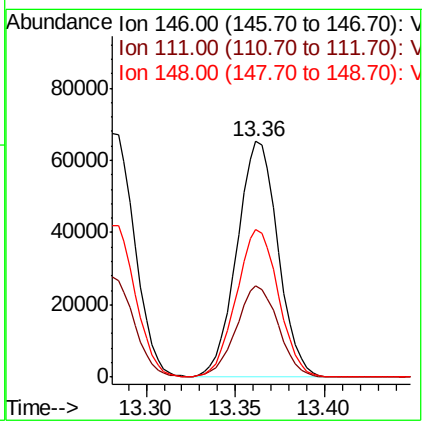


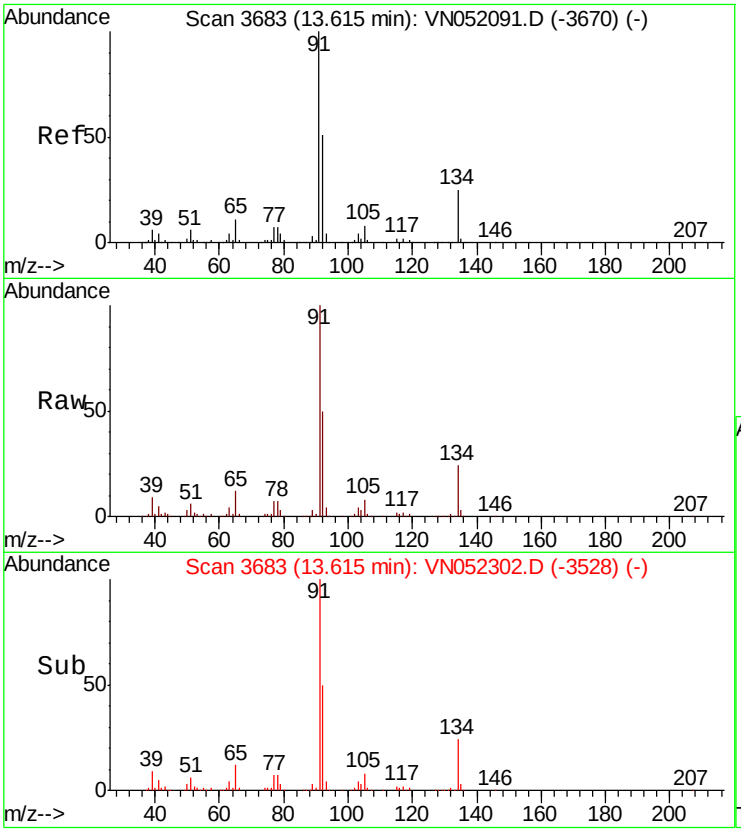




#84
1,4-Dichlorobenzene
Concen: 19.217 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:146 Resp: 104978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.6 | 21.4 | 64.2 |
| 148 | 64.2 | 32.6 | 98.0 |



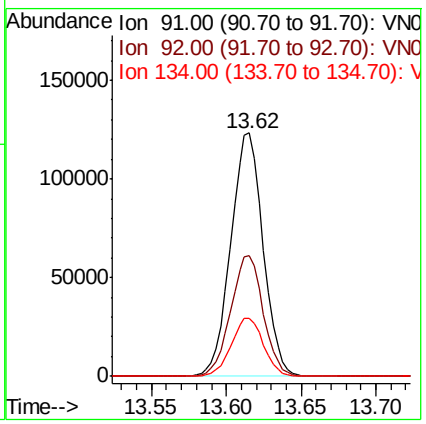


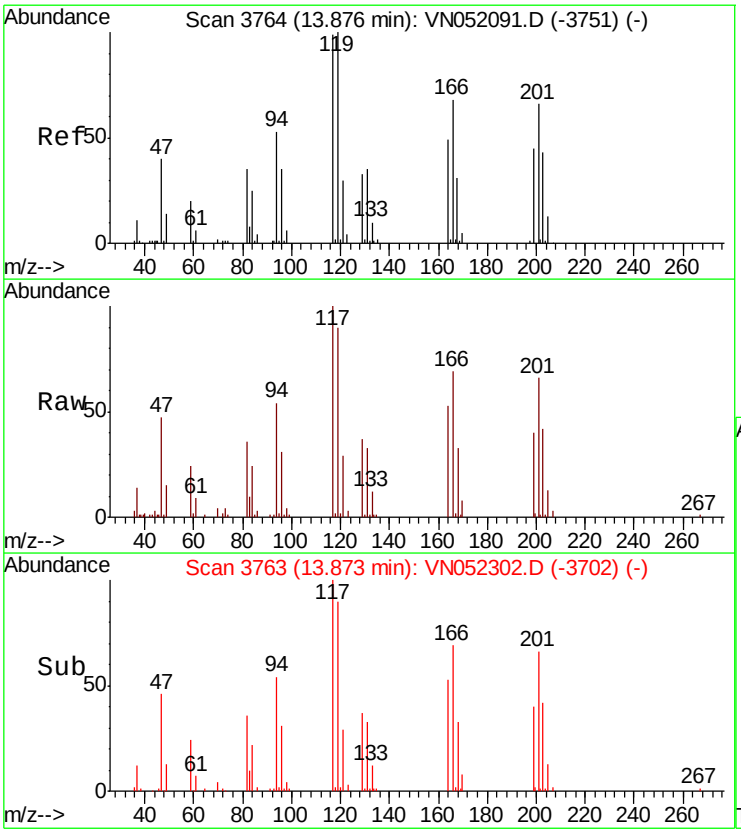

#85
n-Butylbenzene
Concen: 18.729 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion: 91 Resp: 185405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 50.0 | 0.0 | 102.8 |
| 134 | 23.8 | 0.0 | 49.2 |

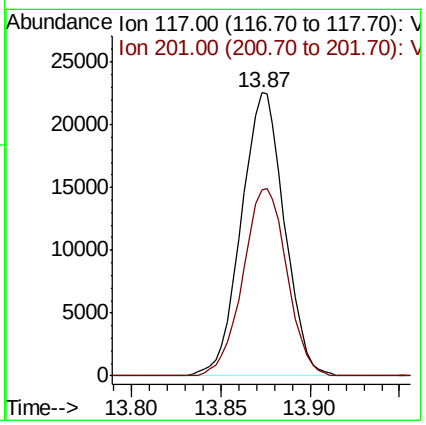


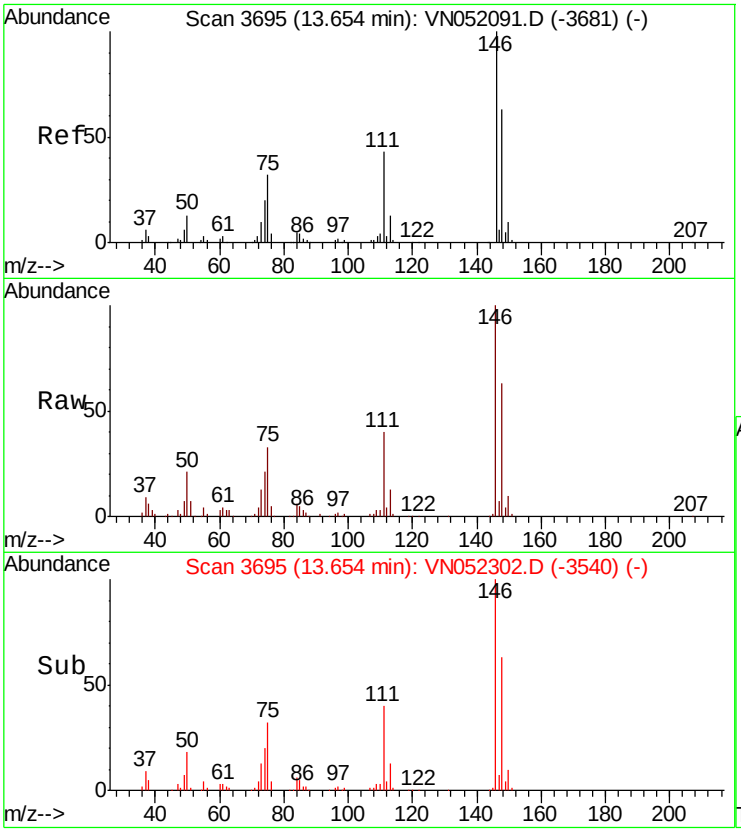




#86
Hexachloroethane
Concen: 19.758 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:117 Resp: 38135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 67.5 | 32.2 | 96.6 |



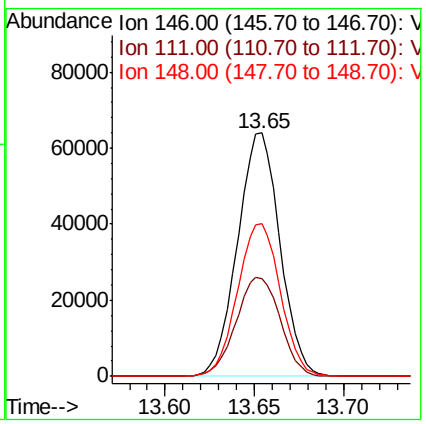


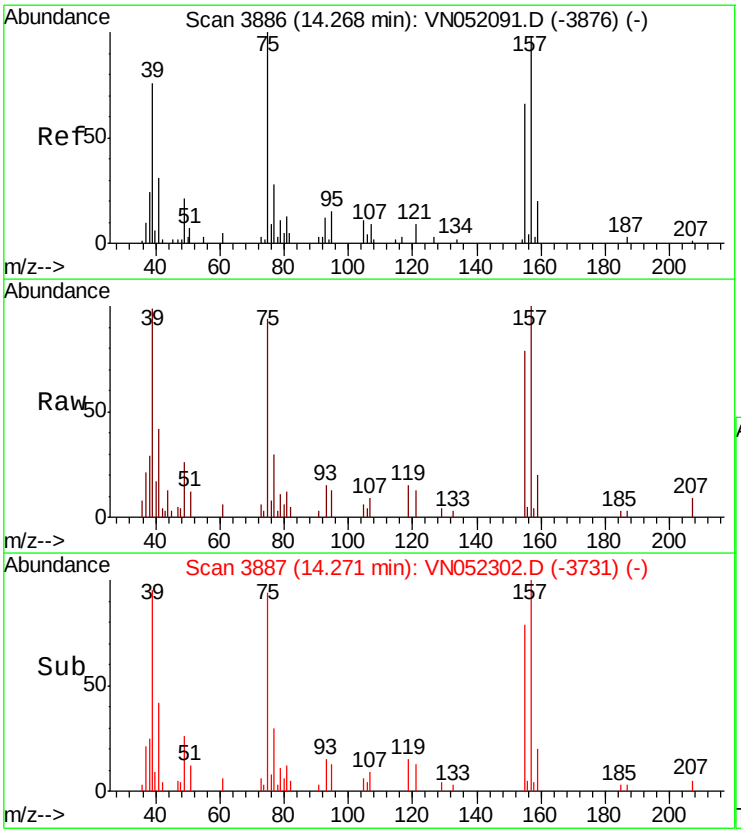

#87
1,2-Dichlorobenzene
Concen: 20.245 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:146 Resp: 106140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.3 | 22.4 | 67.0 |
| 148 | 63.3 | 32.5 | 97.4 |

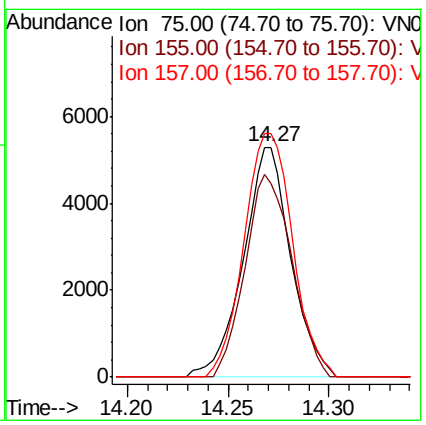


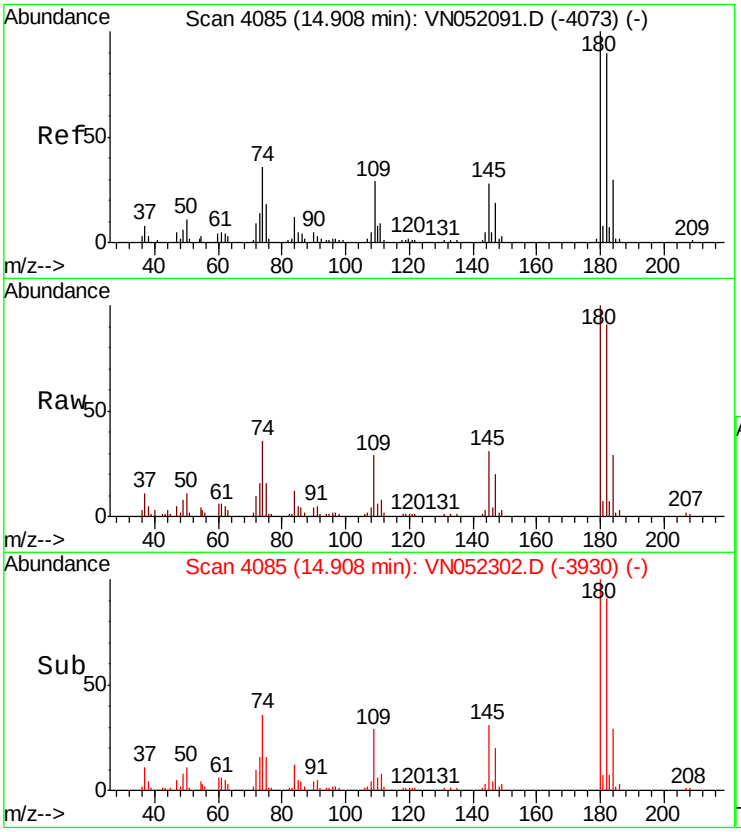




#88
1,2-Dibromo-3-Chloropropane
Concen: 20.586 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion: 75 Resp: 8717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 86.9 | 56.7 | 85.1# |
| 157 | 109.0 | 80.4 | 120.6 |



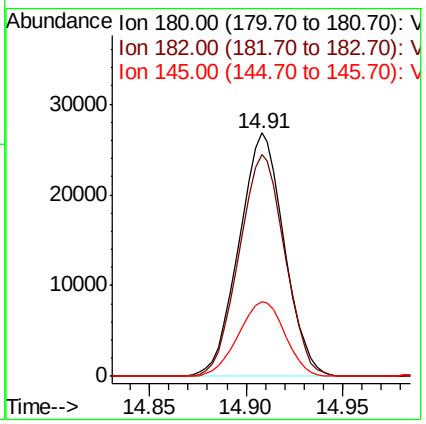


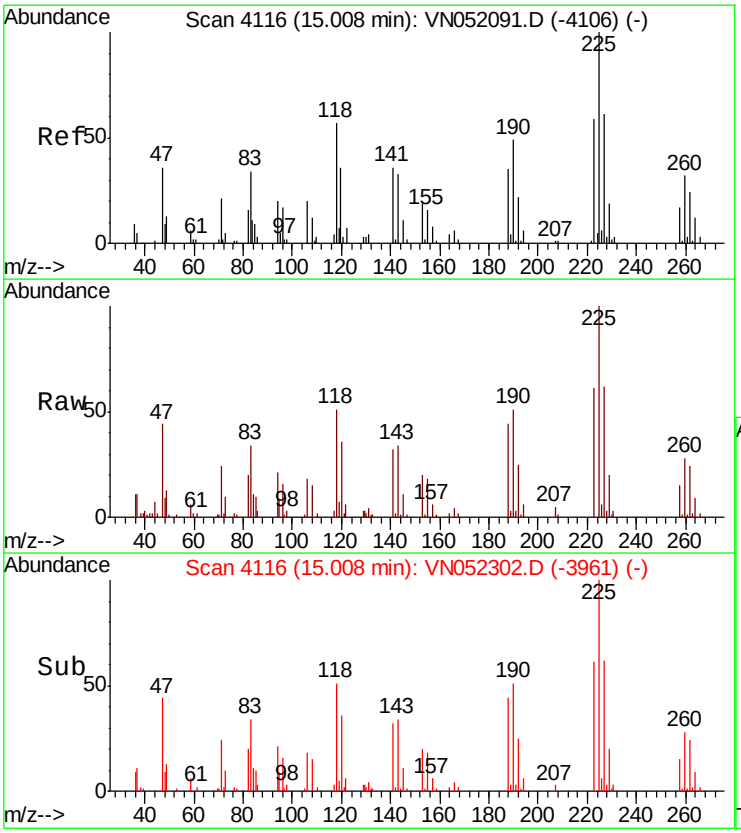

#89
1,2,4-Trichlorobenzene
Concen: 20.468 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:180 Resp: 43560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.1 | 74.0 | 111.0 |
| 145 | 31.5 | 24.6 | 36.8 |

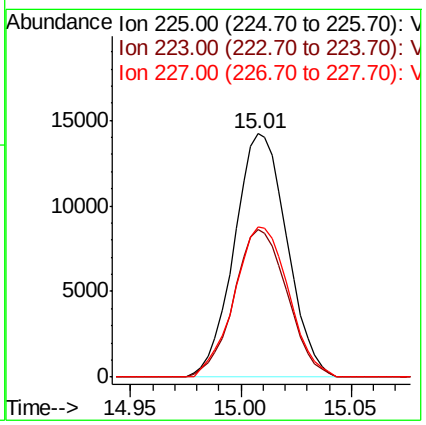


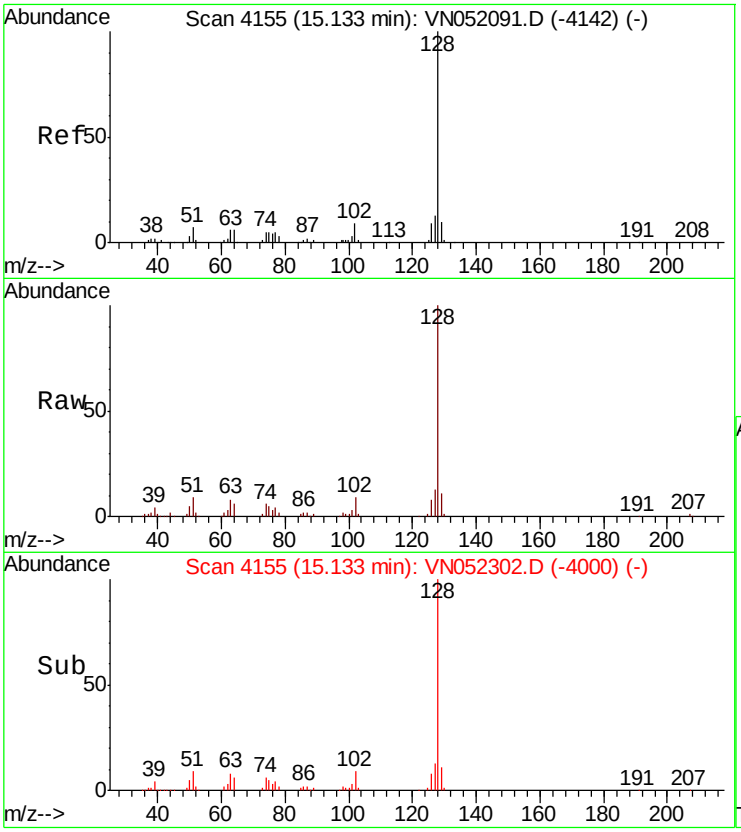




#90
Hexachlorobutadiene
Concen: 20.191 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:225 Resp: 23510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.2 | 0.0 | 121.2 |
| 227 | 63.4 | 0.0 | 127.2 |



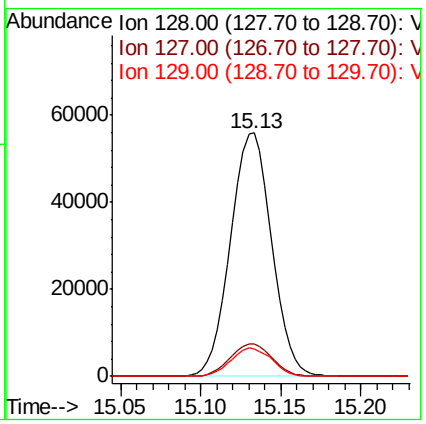


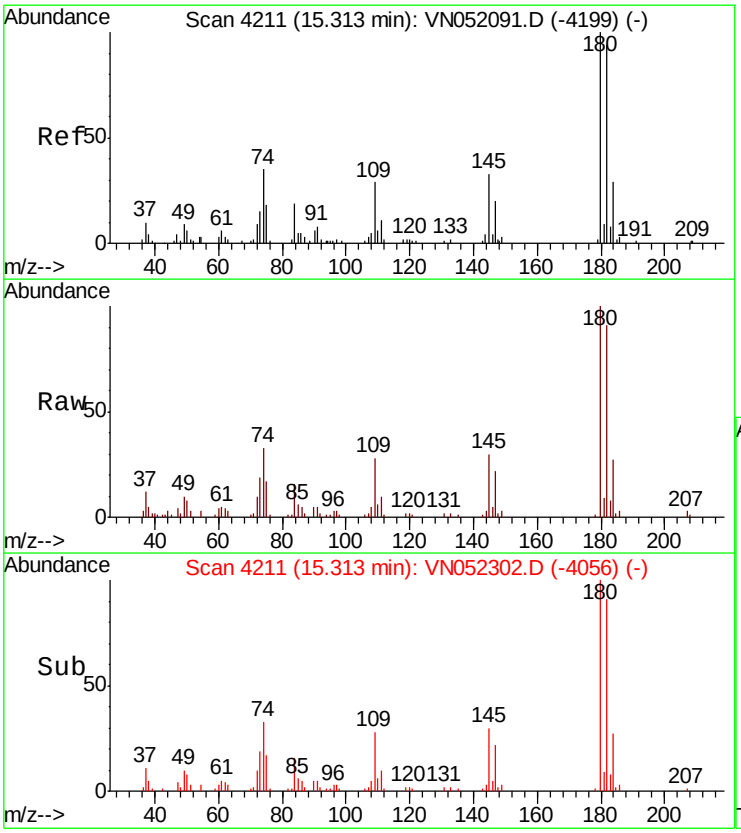

#91
Naphthalene
Concen: 20.026 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

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

Tgt Ion:128 Resp: 98236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.6 | 10.4 | 15.6 |
| 129 | 11.6 | 8.3 | 12.5 |




#92
1,2,3-Trichlorobenzene
Concen: 21.282 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN052302.D
Acq: 13 Nov 2018 22:10

Tgt Ion:180 Resp: 39474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 0.0 | 186.6 |
| 145 | 31.6 | 0.0 | 66.6 |