Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092018\
Data File : VN051336.D
Acq On : 20 Sep 2018 13:28
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 21 03:50:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 03:27:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 581145 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 858652 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 752900 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 290052 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 16081 | 2.55 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 5.10% | | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 17383 | 2.51 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 5.02% | | | | |
| 50) Toluene-d8 | 10.09 | 98 | 64883 | 2.43 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 4.86% | | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 19522 | 2.25 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 4.50% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 5661 | 1.17 | ug/l | | 98 |
| 3) Chloromethane | 2.06 | 50 | 9507 | 1.38 | ug/l | | 94 |
| 4) Vinyl Chloride | 2.18 | 62 | 7521 | 1.10 | ug/l | # | 82 |
| 5) Bromomethane | 2.56 | 94 | 5963 | 1.25 | ug/l | | 98 |
| 6) Chloroethane | 2.71 | 64 | 4629 | 1.10 | ug/l | | 95 |
| 7) Trichlorofluoromethane | 3.02 | 101 | 10730 | 1.10 | ug/l | | 89 |
| 8) Diethyl Ether | 3.42 | 74 | 3099 | 0.99 | ug/l | | 72 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 6994 | 1.16 | ug/l | | 89 |
| 10) Methyl Iodide | 3.95 | 142 | 7384 | 0.83 | ug/l | # | 93 |
| 11) Tert butyl alcohol | 4.78 | 59 | 1351 | 4.05 | ug/l | # | 72 |
| 12) 1,1-Dichloroethene | 3.73 | 96 | 6019 | 1.11 | ug/l | | 86 |
| 13) Acrolein | 3.61 | 56 | 1218 | 3.19 | ug/l | # | 80 |
| 14) Allyl chloride | 4.33 | 41 | 8062 | 1.05 | ug/l | | 97 |
| 15) Acrylonitrile | 5.00 | 53 | 8336 | 4.93 | ug/l | # | 67 |
| 16) Acetone | 3.83 | 43 | 9476 | 7.32 | ug/l | | 97 |
| 17) Carbon Disulfide | 4.05 | 76 | 18696 | 1.14 | ug/l | | 98 |
| 18) Methyl Acetate | 4.34 | 43 | 7475 | 1.68 | ug/l | # | 71 |
| 19) Methyl tert-butyl Ether | 5.05 | 73 | 12388 | 0.94 | ug/l | # | 88 |
| 20) Methylene Chloride | 4.55 | 84 | 7807 | 1.21 | ug/l | | 96 |
| 21) trans-1,2-Dichloroethene | 5.04 | 96 | 2571 | 0.45 | ug/l | | 88 |
| 22) Diisopropyl ether | 5.96 | 45 | 13960 | 0.92 | ug/l | # | 85 |
| 23) Vinyl Acetate | 5.90 | 43 | 42464 | 4.34 | ug/l | | 99 |
| 24) 1,1-Dichloroethane | 5.85 | 63 | 11228 | 1.09 | ug/l | # | 94 |
| 25) 2-Butanone | 6.85 | 43 | 9732 | 5.41 | ug/l | | 92 |
| 26) 2,2-Dichloropropane | 6.82 | 77 | 9454 | 1.11 | ug/l | # | 73 |
| 27) cis-1,2-Dichloroethene | 6.83 | 96 | 6456 | 1.01 | ug/l | | 98 |
| 28) Bromochloromethane | 7.20 | 49 | 4075 | 0.95 | ug/l | # | 86 |
| 29) Tetrahydrofuran | 7.22 | 42 | 5776 | 5.07 | ug/l | # | 67 |
| 30) Chloroform | 7.37 | 83 | 12211 | 1.13 | ug/l | | 98 |
| 31) Cyclohexane | 7.66 | 56 | 15592 | 1.54 | ug/l | # | 18 |
| 32) 1,1,1-Trichloroethane | 7.57 | 97 | 10061 | 1.08 | ug/l | # | 49 |
| 36) 1,1-Dichloropropene | 7.79 | 75 | 8847 | 1.01 | ug/l | | 94 |
| 37) Ethyl Acetate | 6.94 | 43 | 4057 | 0.93 | ug/l | # | 67 |
| 38) Carbon Tetrachloride | 7.77 | 117 | 9847 | 1.04 | ug/l | | 94 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092018\
Data File : VN051336.D
Acq On : 20 Sep 2018 13:28
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 21 03:50:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 03:27:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.08 | 83 | 8697 | 0.85 | ug/l | | 97 |
| 40) Benzene | 8.04 | 78 | 25555 | 0.97 | ug/l | | 98 |
| 41) Methacrylonitrile | 7.19 | 41 | 2142 | 0.95 | ug/l | # | 29 |
| 42) 1,2-Dichloroethane | 8.12 | 62 | 8234 | 1.03 | ug/l | | 91 |
| 43) Isopropyl Acetate | 8.17 | 43 | 5535 | 0.73 | ug/l | | 93 |
| 44) Trichloroethene | 8.84 | 130 | 7621 | 1.00 | ug/l | | 96 |
| 45) 1,2-Dichloropropane | 9.12 | 63 | 6524 | 0.96 | ug/l | | 92 |
| 46) Dibromomethane | 9.21 | 93 | 4197 | 1.01 | ug/l | | 93 |
| 47) Bromodichloromethane | 9.40 | 83 | 9071 | 1.02 | ug/l | | 99 |
| 48) Methyl methacrylate | 9.20 | 41 | 3503 | 0.90 | ug/l | | 94 |
| 49) 1,4-Dioxane | 9.20 | 88 | 926 | 16.13 | ug/l | # | 53 |
| 51) 4-Methyl-2-Pentanone | 9.99 | 43 | 16369 | 4.00 | ug/l | | 98 |
| 52) Toluene | 10.16 | 92 | 13225 | 0.81 | ug/l | | 94 |
| 53) t-1,3-Dichloropropene | 10.38 | 75 | 7208 | 0.84 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 9.84 | 75 | 7938 | 0.80 | ug/l | # | 85 |
| 55) 1,1,2-Trichloroethane | 10.56 | 97 | 6478 | 1.06 | ug/l | | 94 |
| 56) Ethyl methacrylate | 10.43 | 69 | 4300 | 0.67 | ug/l | | 93 |
| 57) 1,3-Dichloropropane | 10.71 | 76 | 9025 | 0.94 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.70 | 63 | 10318 | 3.25 | ug/l | | 98 |
| 59) 2-Hexanone | 10.75 | 43 | 12007 | 4.35 | ug/l | | 88 |
| 60) Dibromochloromethane | 10.90 | 129 | 6847 | 0.96 | ug/l | | 97 |
| 61) 1,2-Dibromoethane | 11.01 | 107 | 5575 | 0.95 | ug/l | | 95 |
| 64) Tetrachloroethene | 10.63 | 164 | 6405 | 0.98 | ug/l | | 93 |
| 65) Chlorobenzene | 11.44 | 112 | 17613 | 0.98 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 11.51 | 131 | 7017 | 1.02 | ug/l | # | 65 |
| 67) Ethyl Benzene | 11.51 | 91 | 23513 | 0.84 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.62 | 106 | 16922 | 1.53 | ug/l | | 96 |
| 69) o-Xylene | 11.94 | 106 | 8445 | 0.79 | ug/l | | 95 |
| 70) Styrene | 11.97 | 104 | 11406 | 0.69 | ug/l | | 93 |
| 71) Bromoform | 12.13 | 173 | 4168 | 0.90 | ug/l | # | 96 |
| 73) Isopropylbenzene | 12.25 | 105 | 20262 | 0.95 | ug/l | | 100 |
| 74) N-amyl acetate | 12.08 | 43 | 4900 | 1.08 | ug/l | # | 82 |
| 75) 1,1,2,2-Tetrachloroethane | 12.51 | 83 | 6917 | 1.32 | ug/l | # | 94 |
| 76) 1,2,3-Trichloropropane | 12.55 | 75 | 7172 | 1.71 | ug/l | # | 100 |
| 77) Bromobenzene | 12.53 | 156 | 6351 | 1.08 | ug/l | | 92 |
| 78) n-propylbenzene | 12.59 | 91 | 20552 | 0.89 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 12.67 | 91 | 14398 | 1.01 | ug/l | | 97 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 14259 | 0.83 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.31 | 75 | 640 | 0.53 | ug/l | # | 1 |
| 82) 4-Chlorotoluene | 12.77 | 91 | 12505 | 0.90 | ug/l | | 100 |
| 83) tert-Butylbenzene | 12.99 | 119 | 13749 | 0.89 | ug/l | | 93 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 13265 | 0.78 | ug/l | | 95 |
| 85) sec-Butylbenzene | 13.17 | 105 | 17064 | 0.83 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.29 | 119 | 13605 | 0.76 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 13.28 | 146 | 9722 | 0.98 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 13.36 | 146 | 9539 | 1.00 | ug/l | | 90 |
| 89) n-Butylbenzene | 13.62 | 91 | 10476 | 0.75 | ug/l | | 93 |
| 90) Hexachloroethane | 13.87 | 117 | 4811 | 1.26 | ug/l | | 97 |
| 91) 1,2-Dichlorobenzene | 13.65 | 146 | 9712 | 1.02 | ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75 | 772 | 1.11 | ug/l | | 81 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092018\
Data File : VN051336.D
Acq On : 20 Sep 2018 13:28
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 21 03:50:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 03:27:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180 | 2527 | 0.58 ug/l | 92 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 4153 | 1.12 ug/l | 94 |
| 95) Naphthalene | 15.13 | 128 | 4408 | 0.57 ug/l | 96 |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180 | 2807 | 0.65 ug/l | 91 |

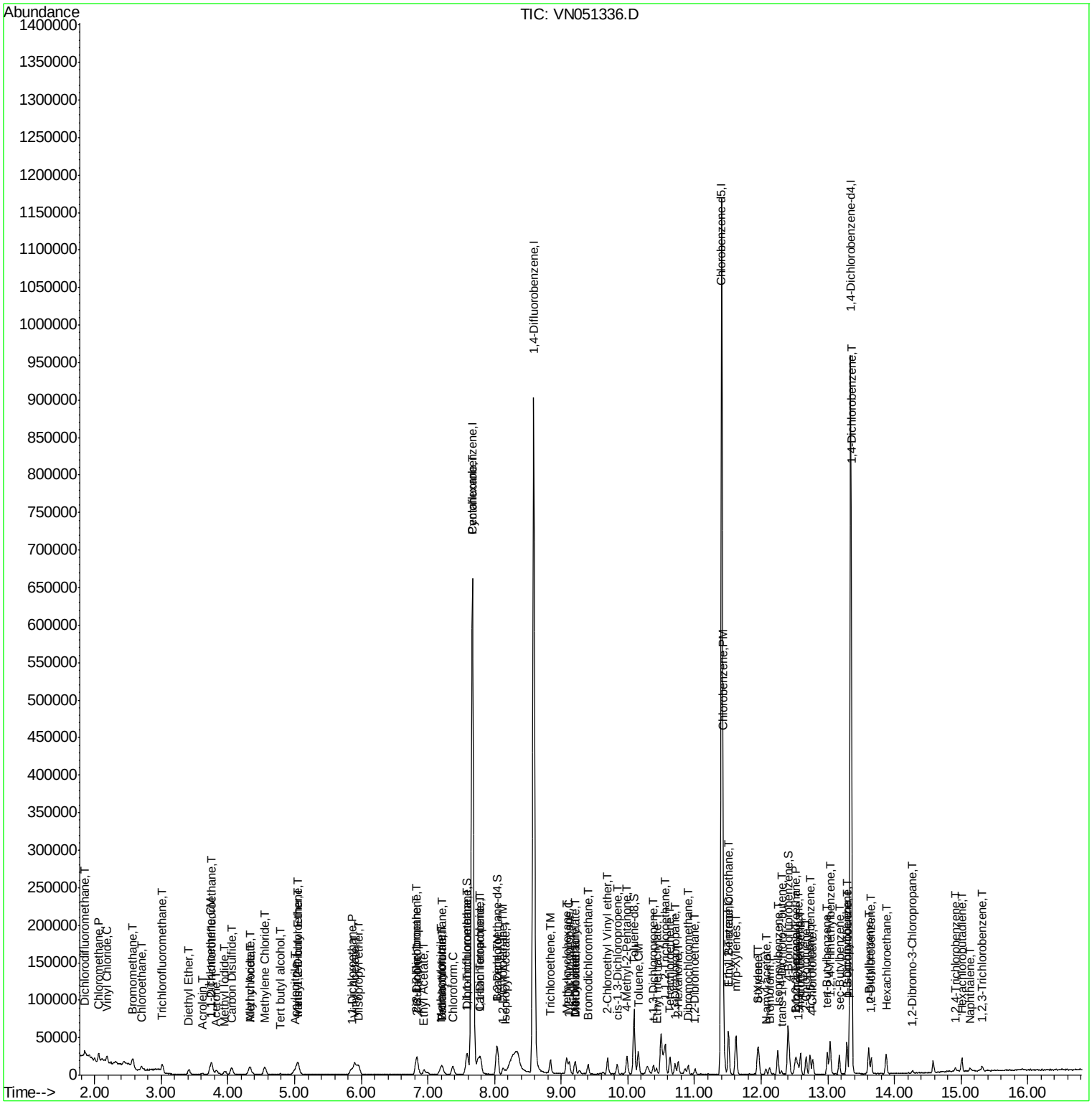
(#) = qualifier out of range (m) = manual integration (+) = signals summed

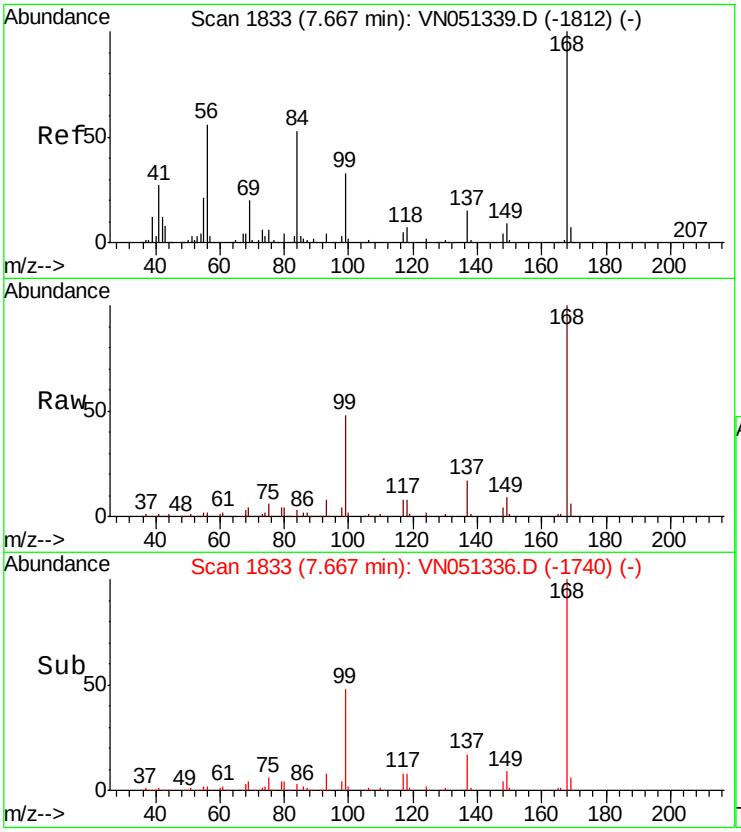
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092018\
Data File : VN051336.D
Acq On : 20 Sep 2018 13:28
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 21 03:36:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 03:27:45 2018
Response via : Initial Calibration



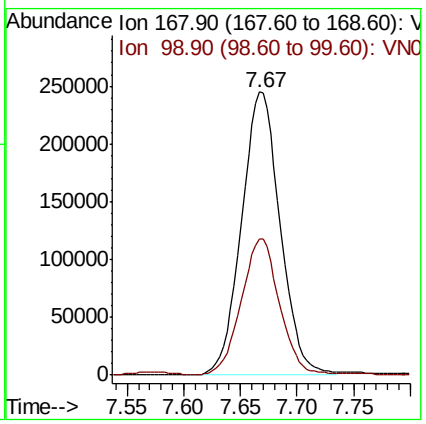


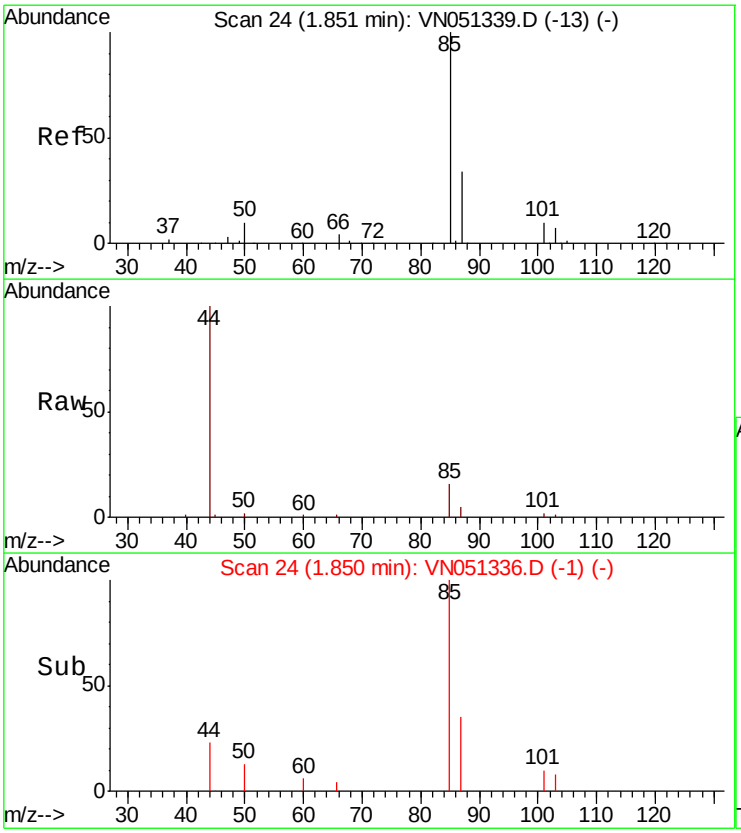

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:168 Resp: 581145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.7 | 37.1 | 55.7 |

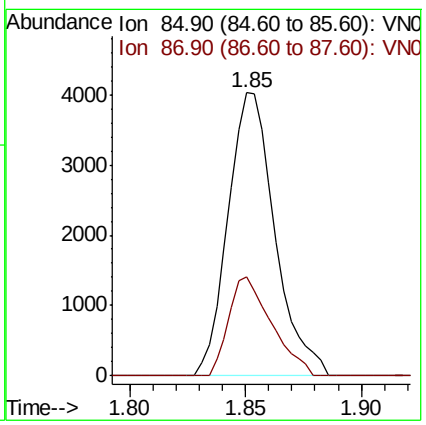


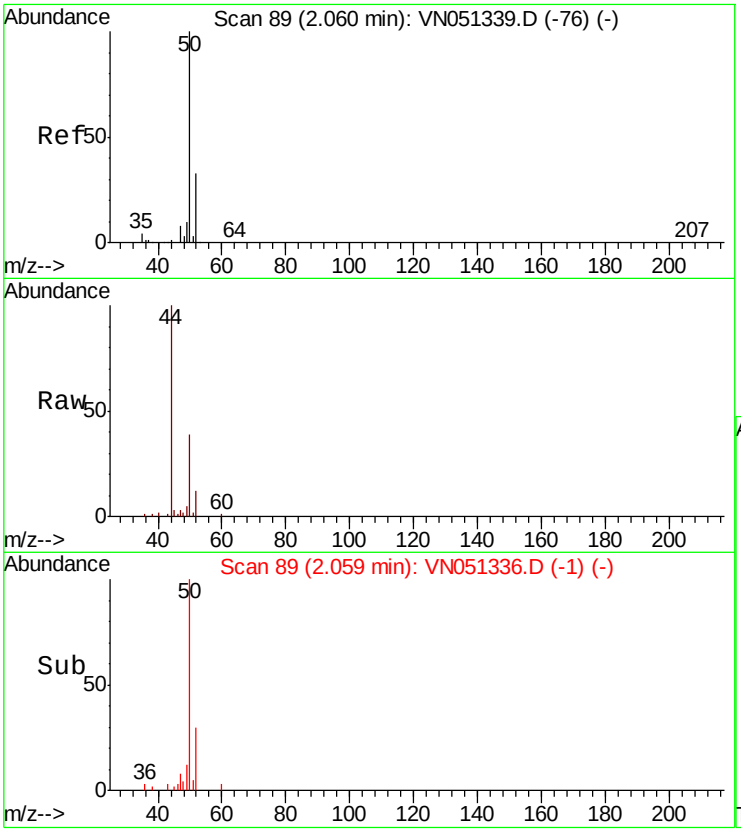




#2
Dichlorodifluoromethane
Concen: 1.17 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 85 Resp: 5661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 34.9 | 16.8 | 50.4 |



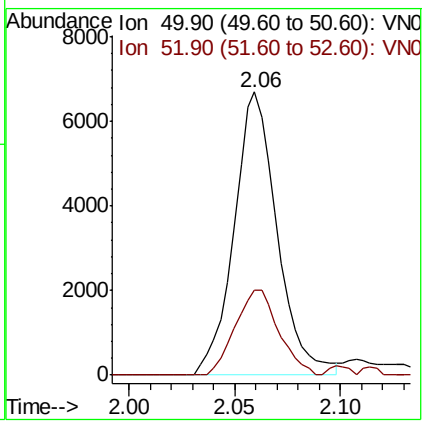


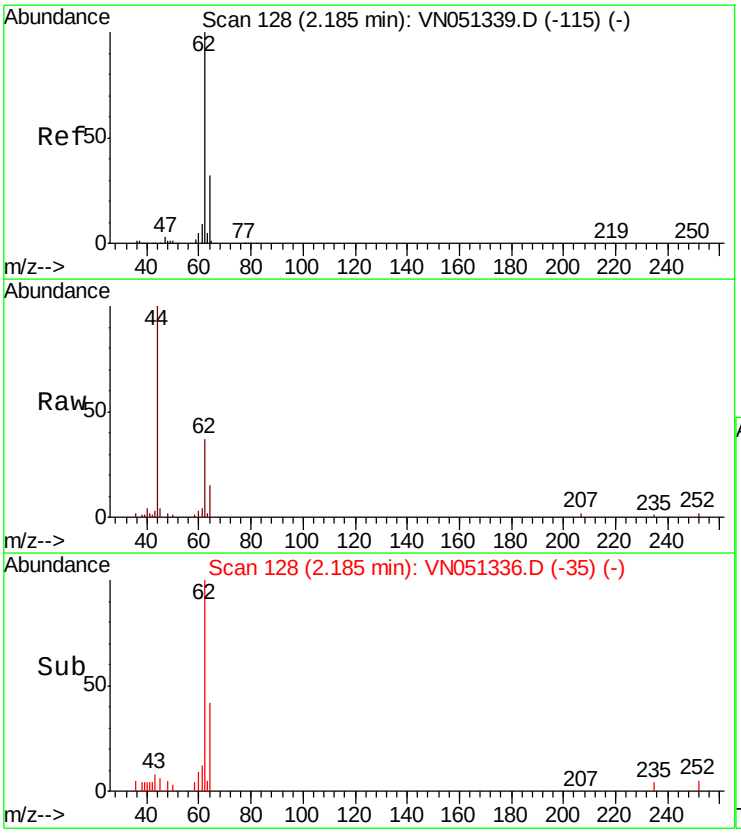

#3
Chloromethane
Concen: 1.38 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 50 Resp: 9507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.2 | 26.7 | 40.1 |

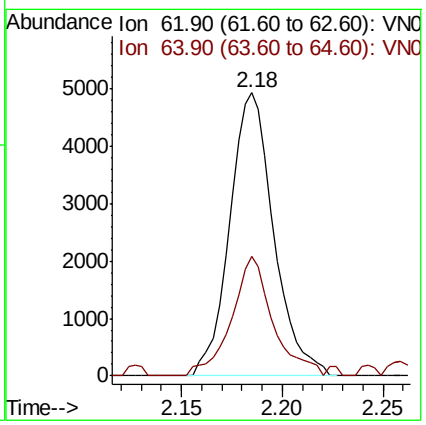


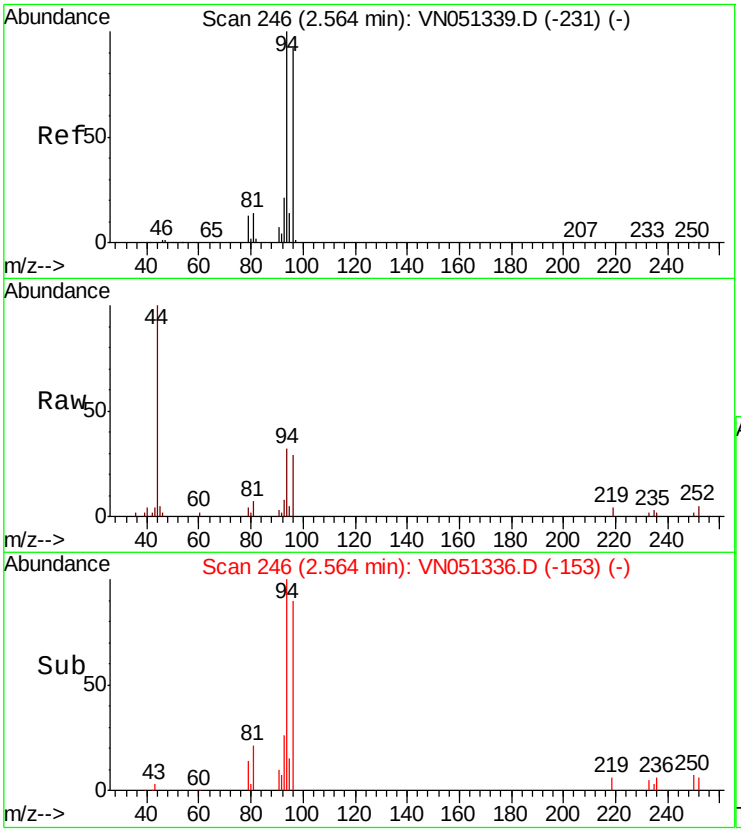




#4
Vinyl Chloride
Concen: 1.10 ug/l
RT: 2.18 min Scan# 128
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 62 Resp: 7521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 42.4 | 25.9 | 38.9# |



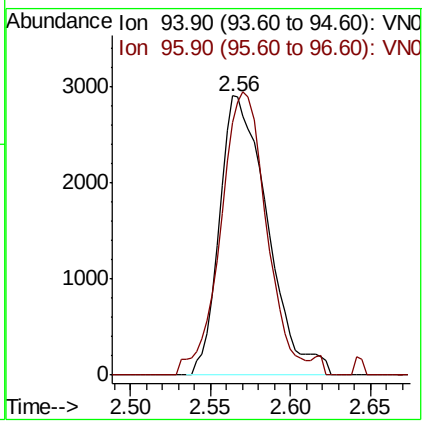


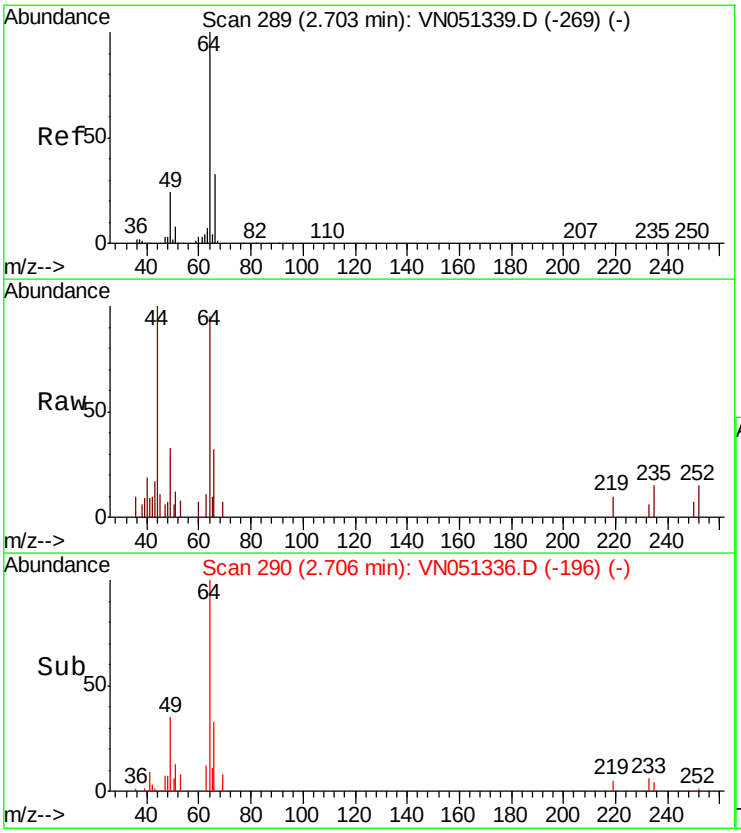

#5
Bromomethane
Concen: 1.25 ug/l
RT: 2.56 min Scan# 246
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 94 Resp: 5963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 90.3 | 73.8 | 110.8 |

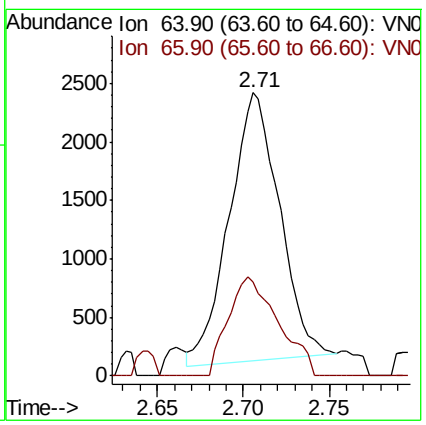


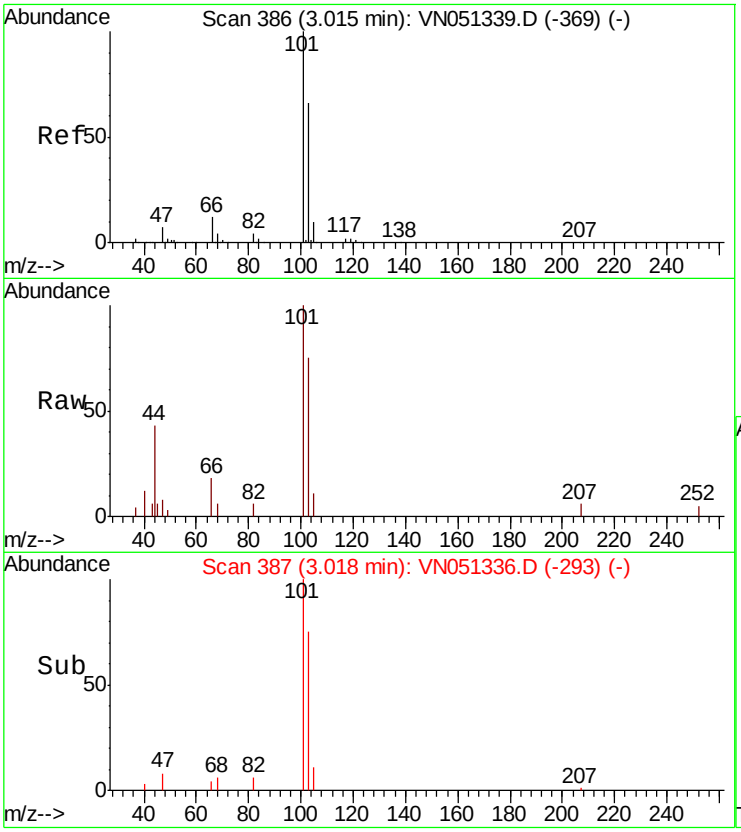




#6
Chloroethane
Concen: 1.10 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 64 Resp: 4629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 36.3 | 26.6 | 39.8 |



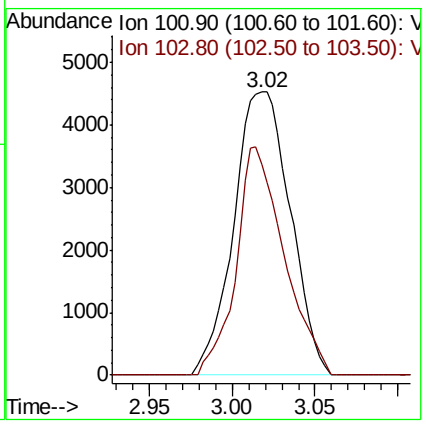


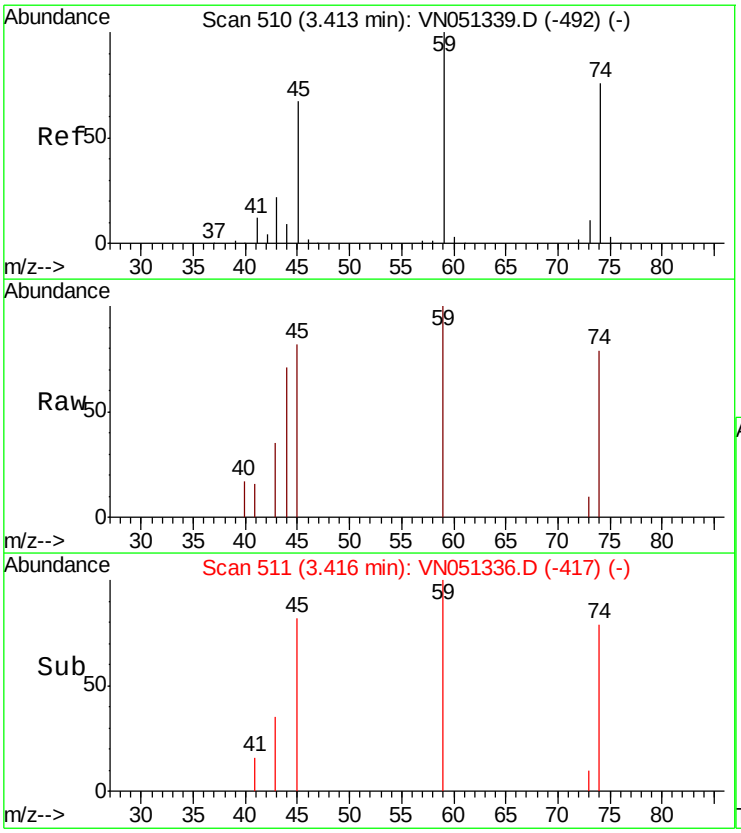

#7
Trichlorofluoromethane
Concen: 1.10 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:101 Resp: 10730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 74.5 | 52.7 | 79.1 |

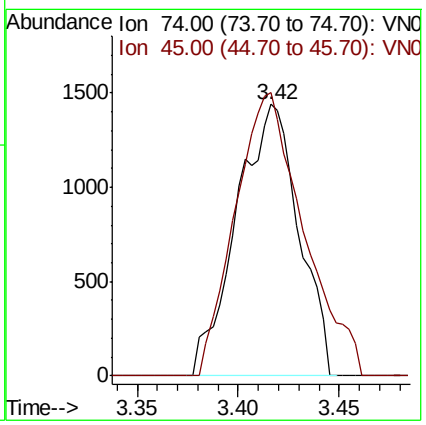


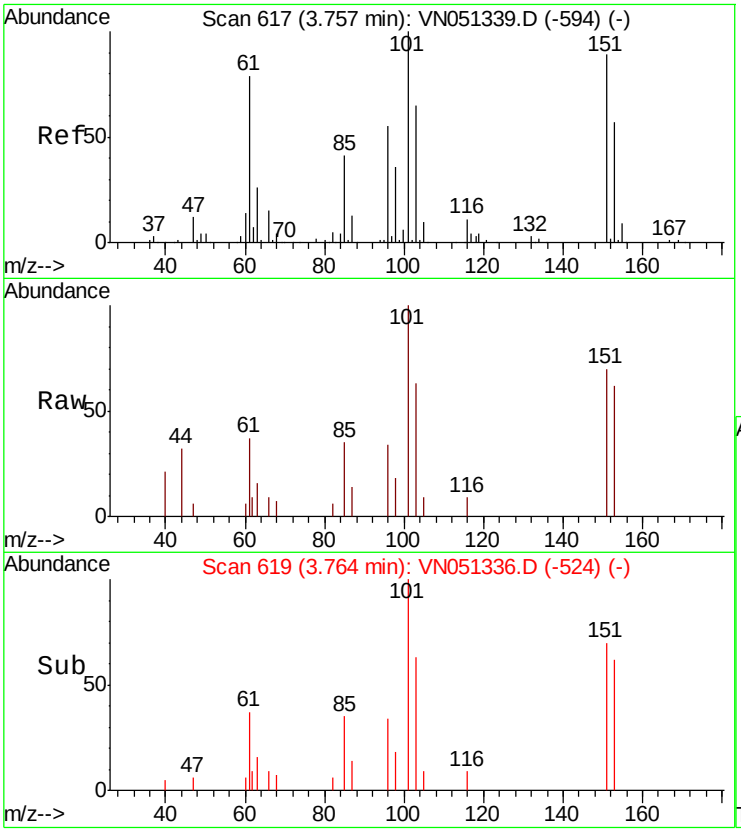




#8
Diethyl Ether
Concen: 0.99 ug/l
RT: 3.42 min Scan# 511
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 74 Resp: 3099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 114.6 | 44.1 | 132.4 |



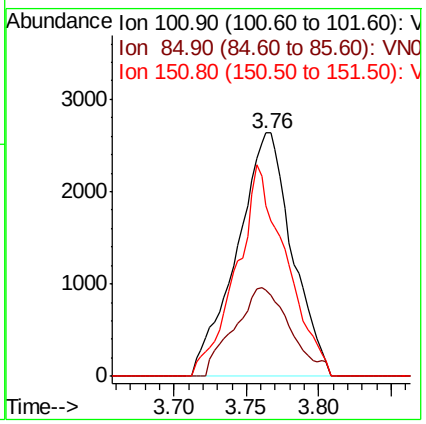


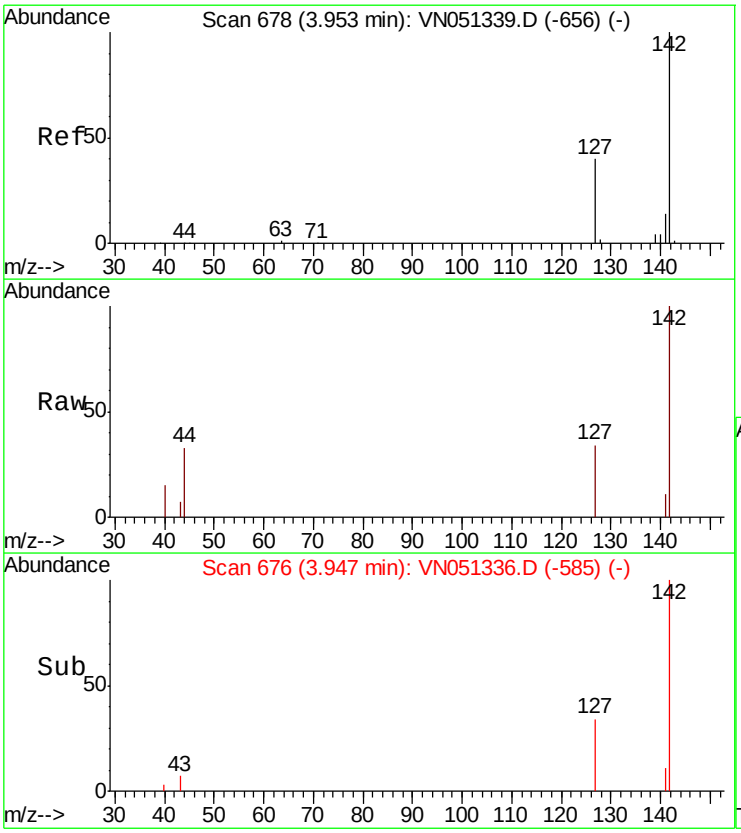

#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.16 ug/l
RT: 3.76 min Scan# 619
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:101 Resp: 6994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 36.9 | 33.4 | 50.2 |
| 151 | 78.3 | 71.8 | 107.6 |

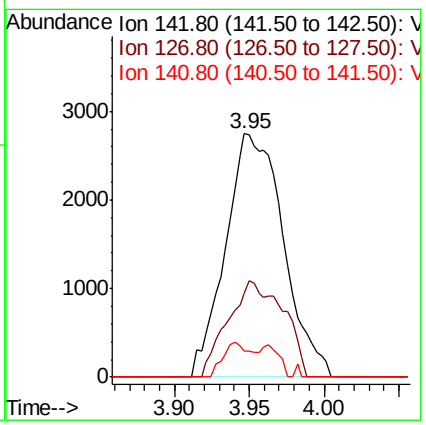


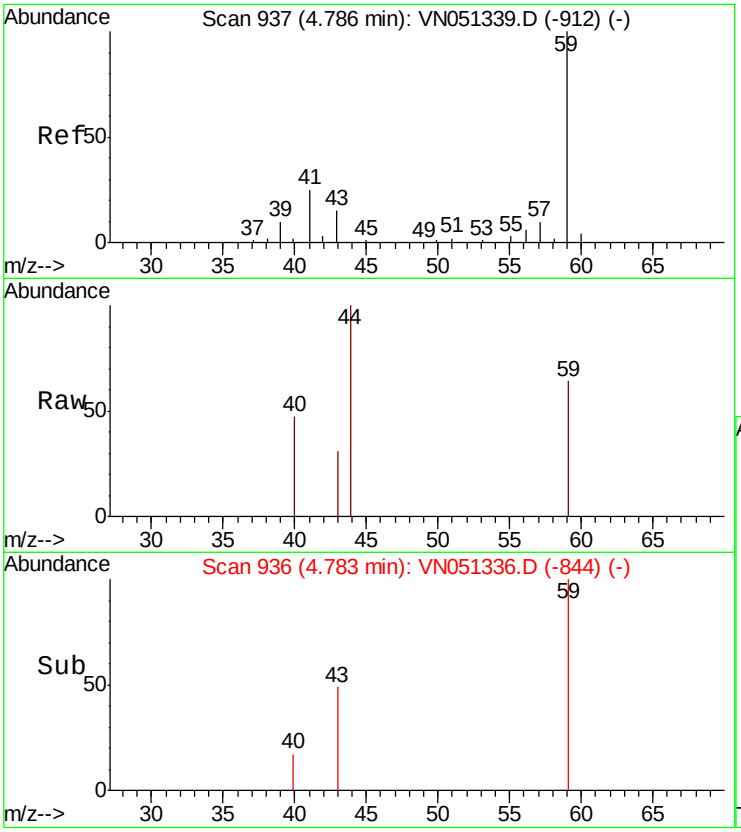




#10
Methyl Iodide
Concen: 0.83 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:142 Resp: 7384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 38.0 | 31.9 | 47.9 |
| 141 | 6.7 | 11.4 | 17.0# |



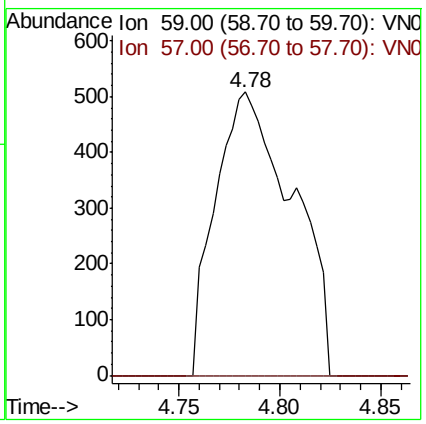


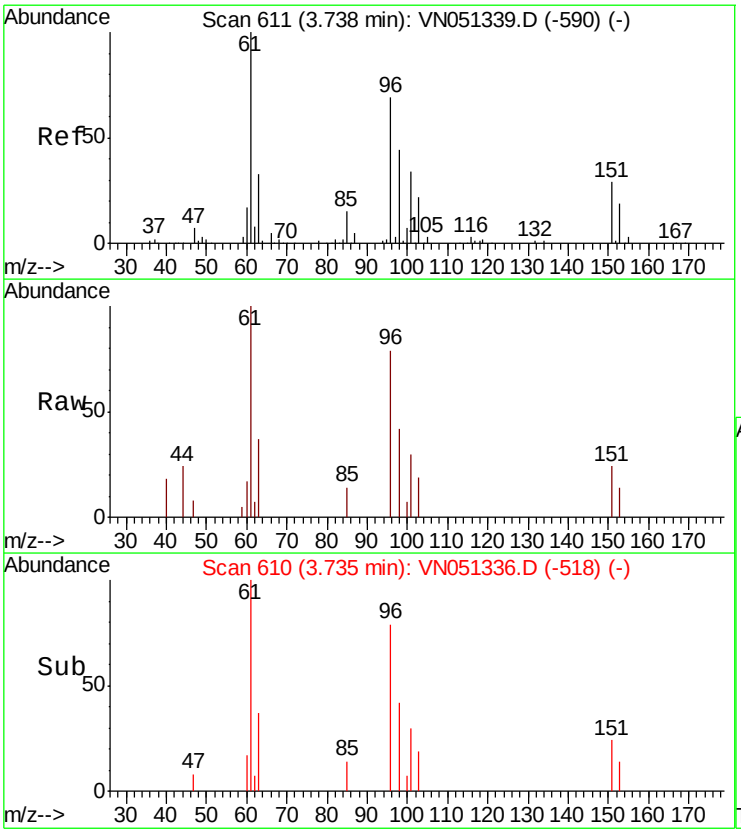

#11
Tert butyl alcohol
Concen: 4.05 ug/l
RT: 4.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 59 Resp: 1351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.3 | 12.5# |

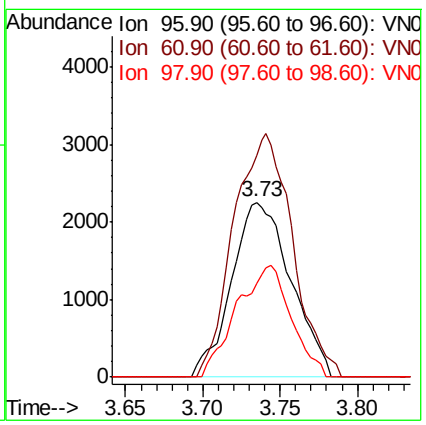


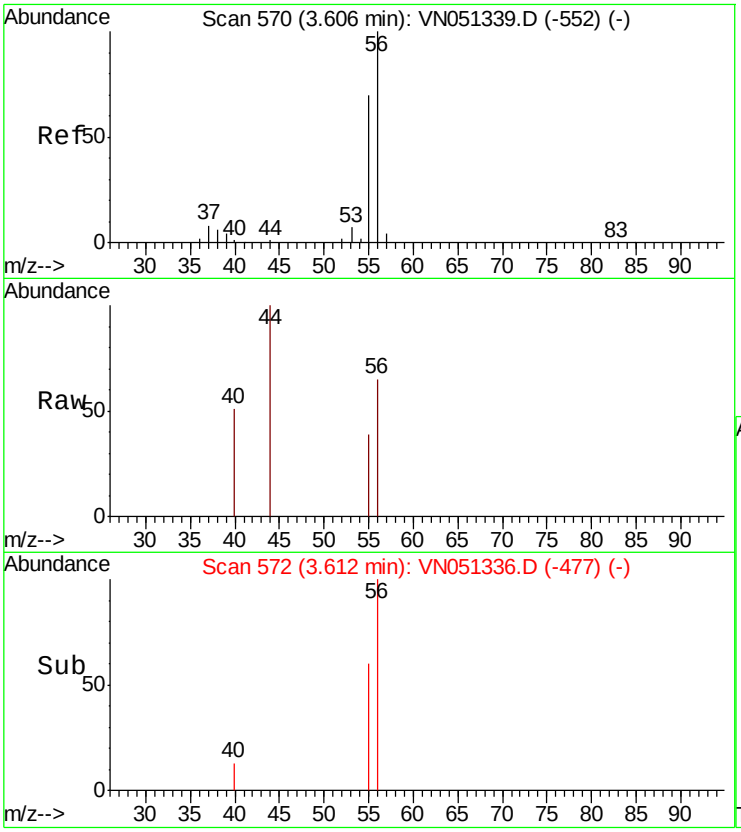




#12
1,1-Dichloroethene
Concen: 1.11 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 96 Resp: 6019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 127.3 | 116.4 | 174.6 |
| 98 | 53.5 | 50.9 | 76.3 |



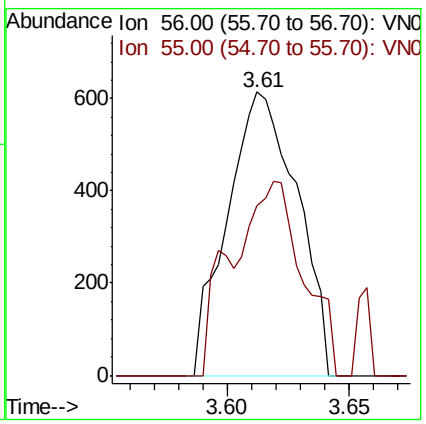


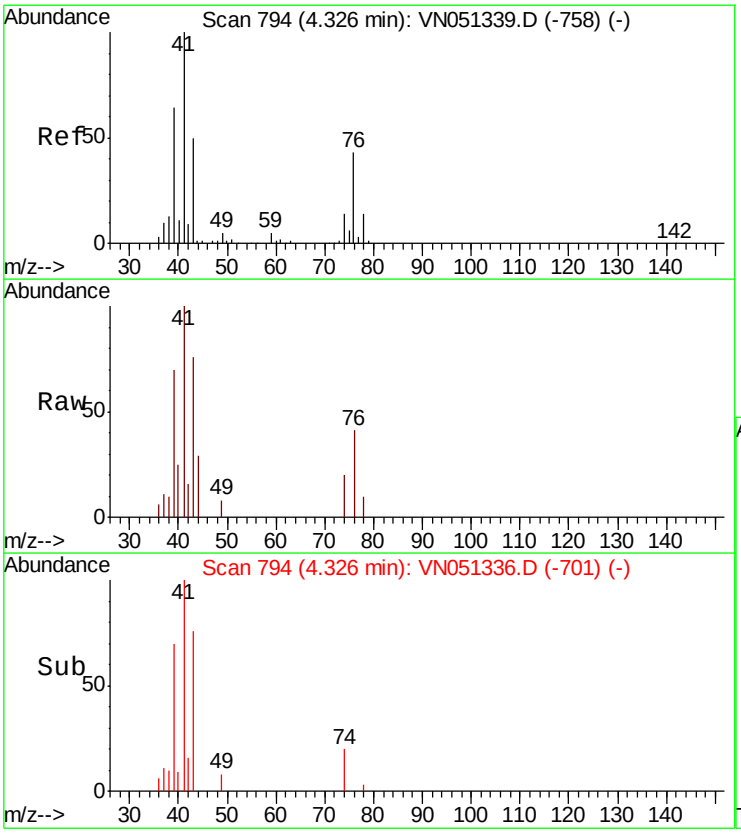

#13
Acrolein
Concen: 3.19 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 56 Resp: 1218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 54.5 | 56.5 | 84.7# |

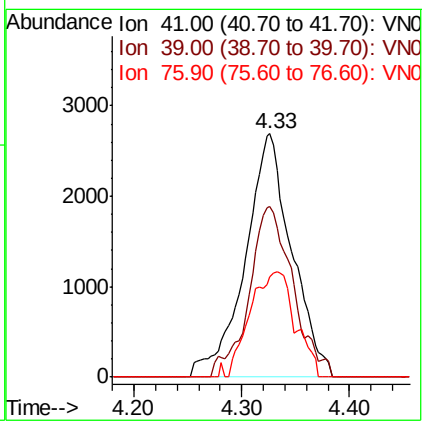


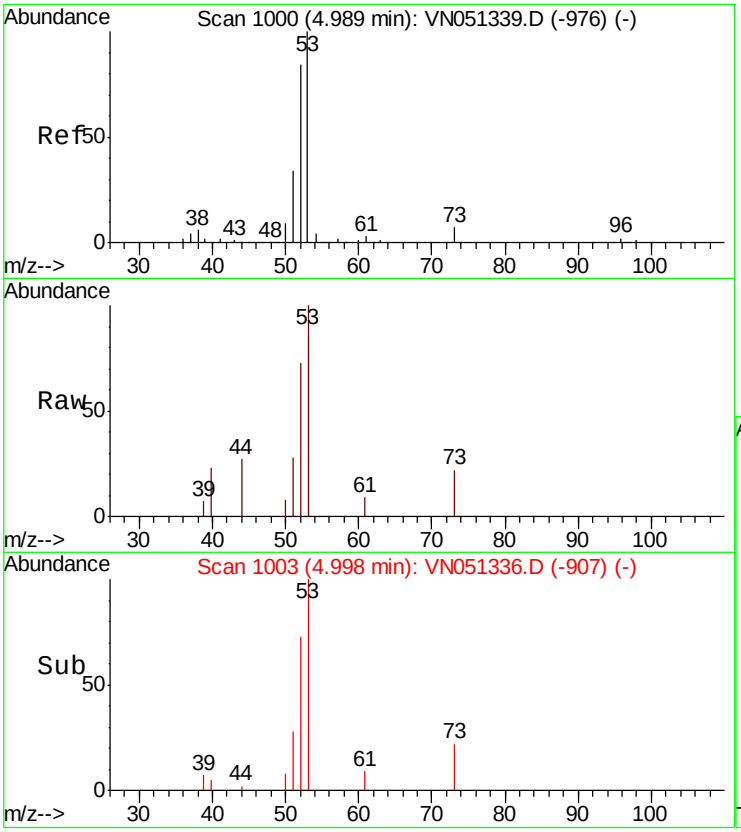




#14
Allyl chloride
Concen: 1.05 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 41 Resp: 8062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 65.6 | 50.4 | 75.6 |
| 76 | 41.9 | 32.4 | 48.6 |



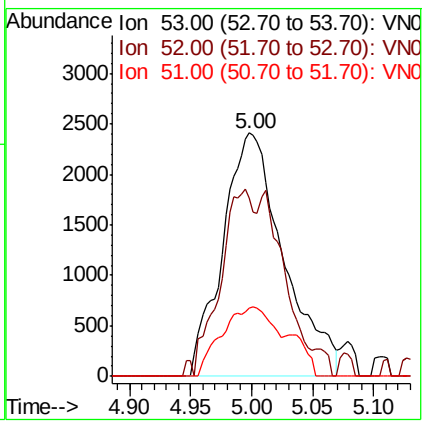


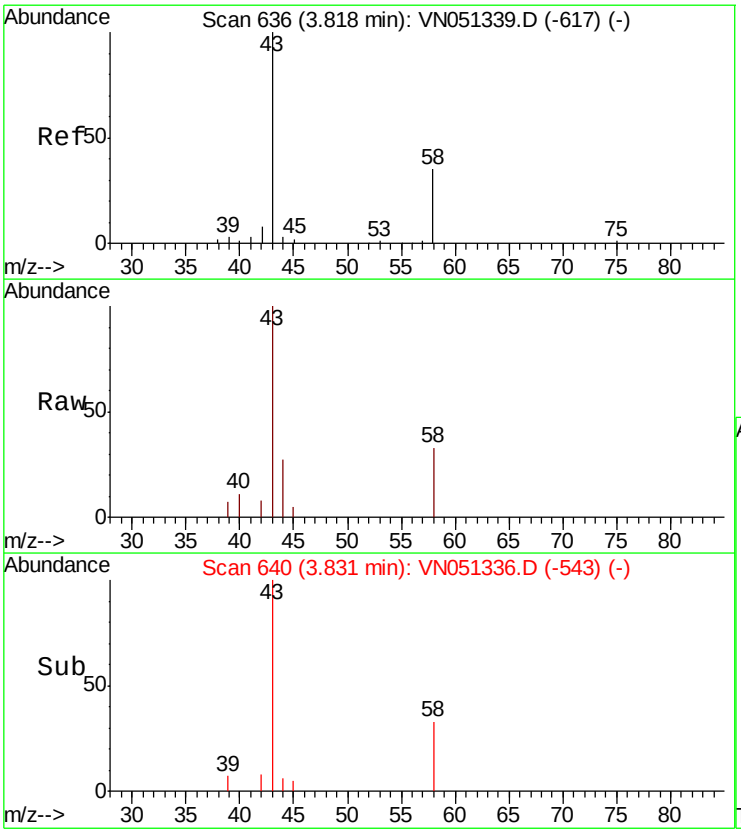

#15
Acrylonitrile
Concen: 4.93 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 53 Resp: 8336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 45.8 | 65.4 | 98.0# |
| 51 | 25.2 | 28.3 | 42.5# |

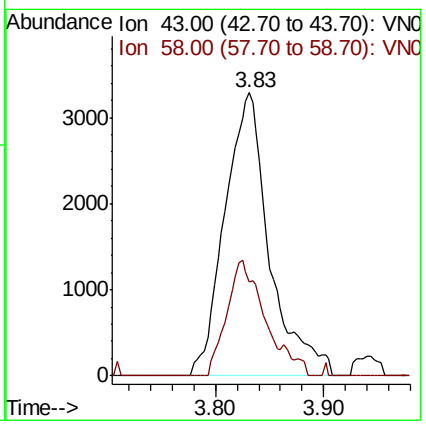


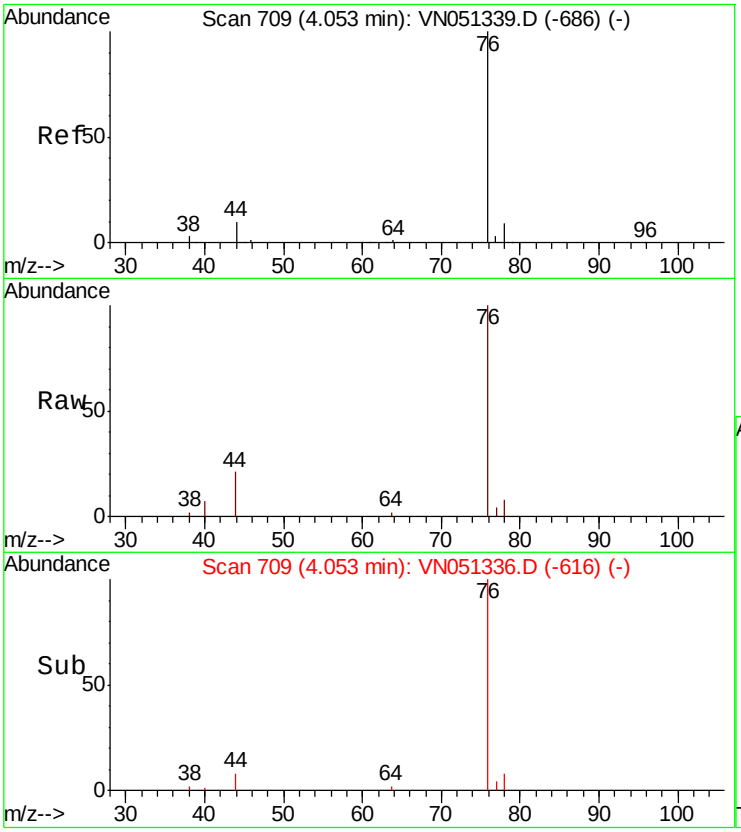




#16
Acetone
Concen: 7.32 ug/l
RT: 3.83 min Scan# 640
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 43 Resp: 9476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.4 | 28.3 | 42.5 |



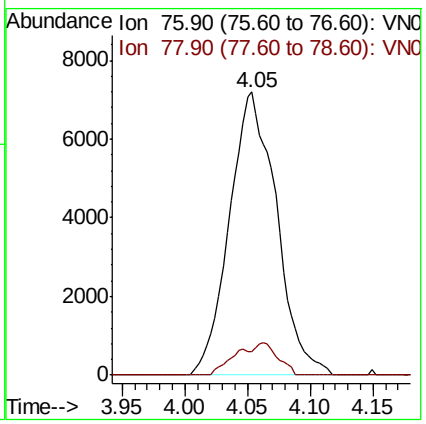


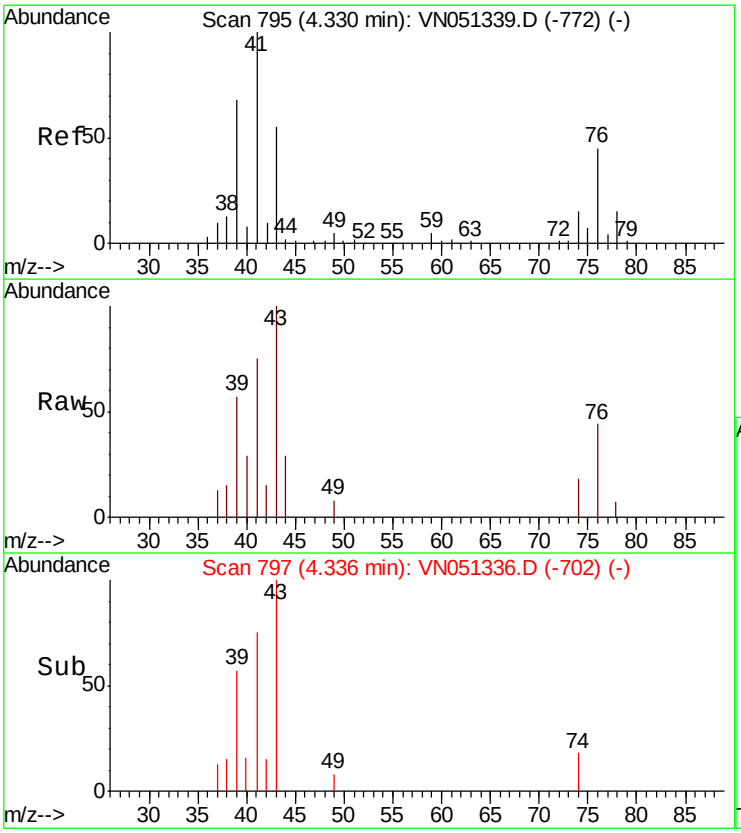

#17
Carbon Disulfide
Concen: 1.14 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 76 Resp: 18696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.1 | 7.0 | 10.6 |

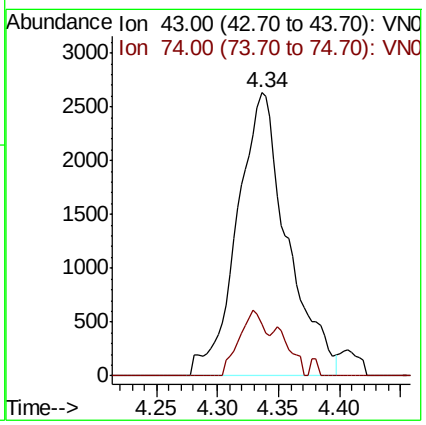


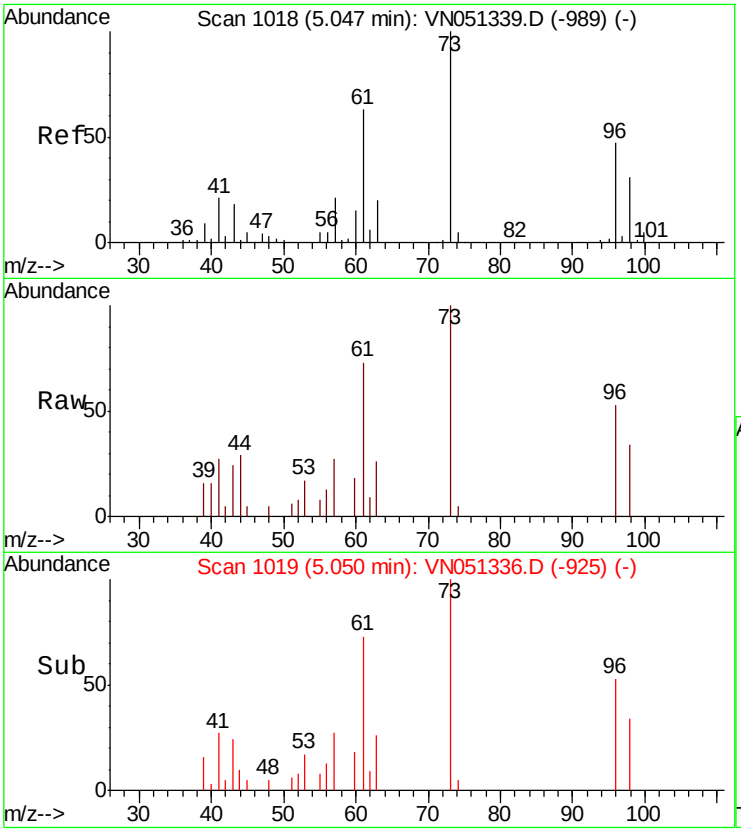




#18
Methyl Acetate
Concen: 1.68 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 43 Resp: 7475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 12.2 | 21.7 | 32.5# |



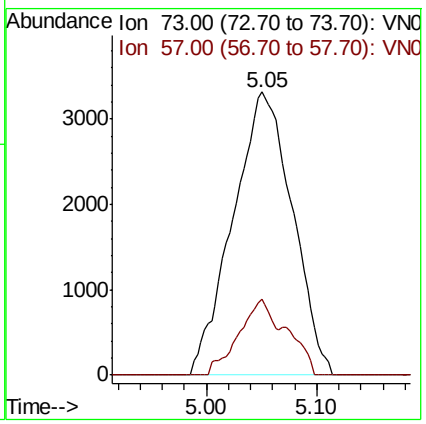


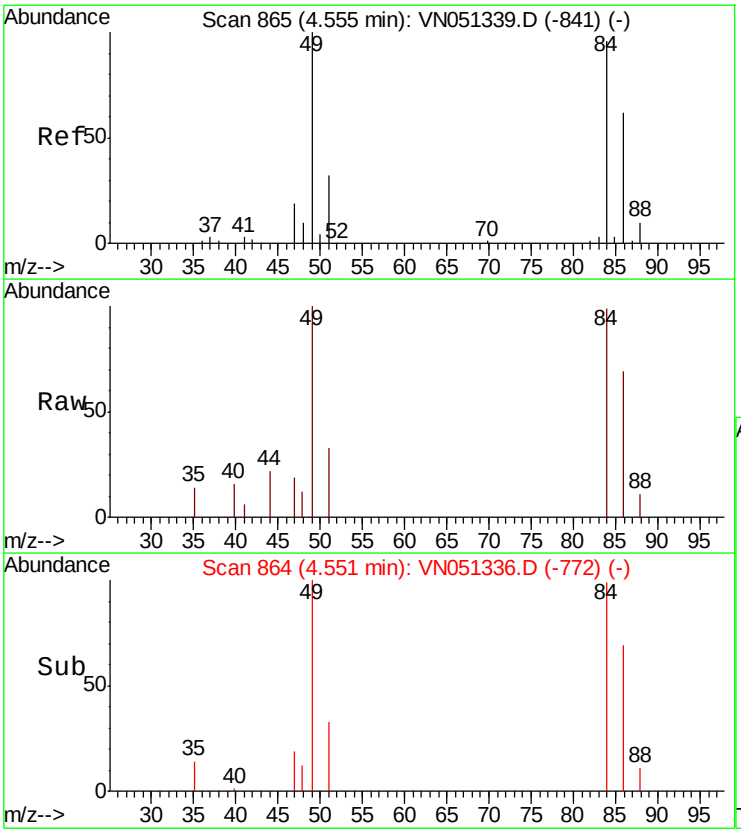

#19
Methyl tert-butyl Ether
Concen: 0.94 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 73 Resp: 12388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 26.6 | 16.9 | 25.3# |

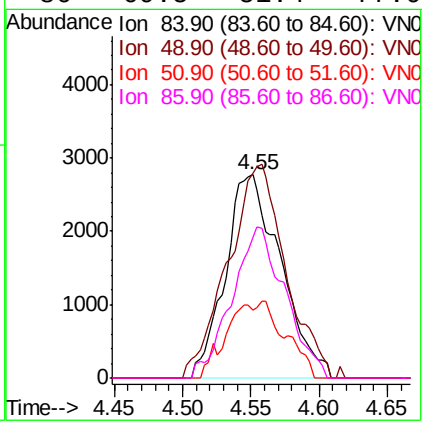


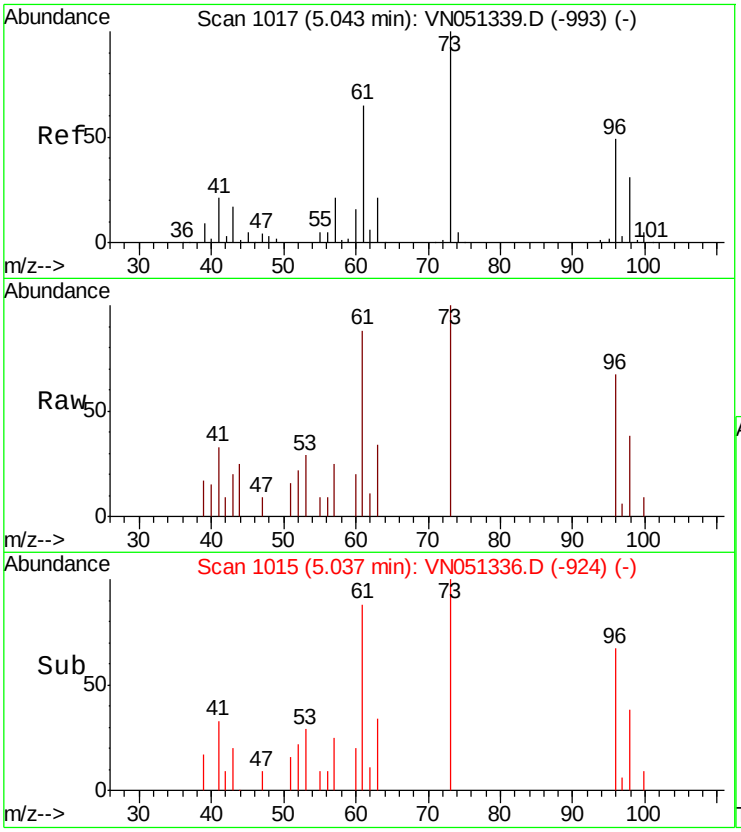




#20
Methylene Chloride
Concen: 1.21 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 84 Resp: 7807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 100.5 | 83.2 | 124.8 |
| 51 | 33.6 | 26.4 | 39.6 |
| 86 | 69.5 | 51.4 | 77.0 |



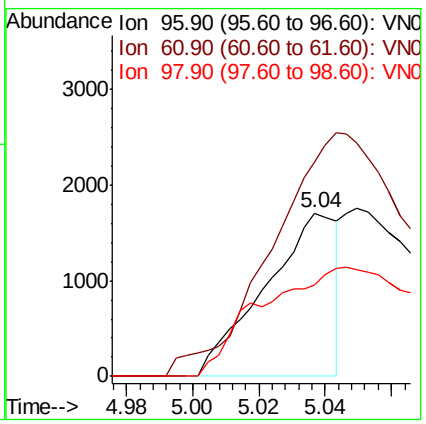


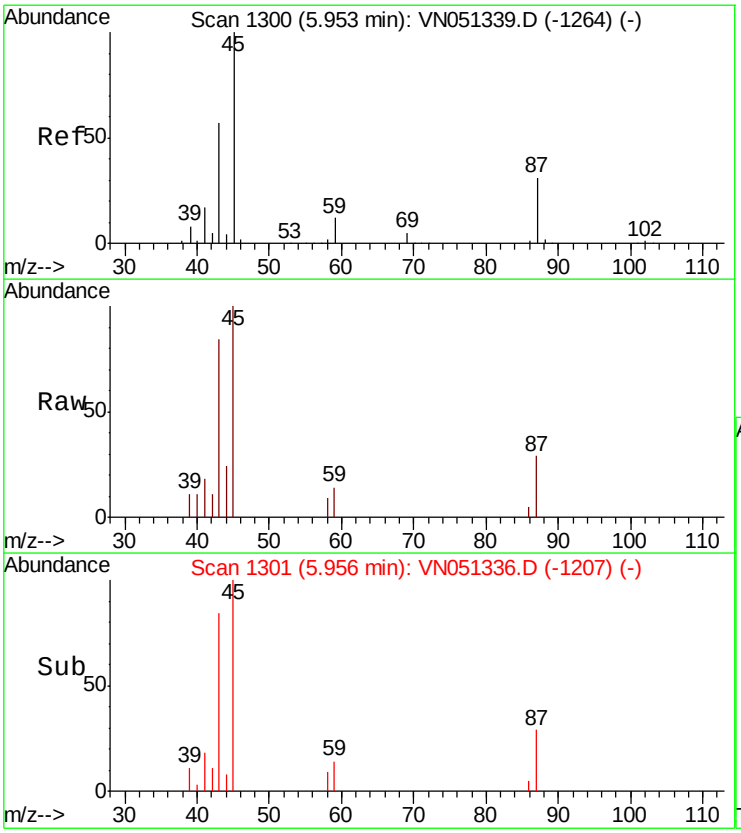

#21
trans-1,2-Dichloroethene
Concen: 0.45 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 96 Resp: 2571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 118.1 | 106.2 | 159.4 |
| 98 | 56.2 | 51.0 | 76.6 |

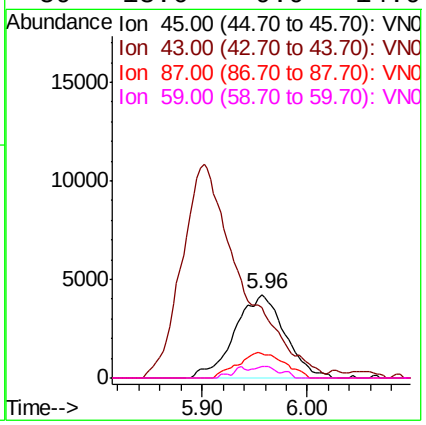


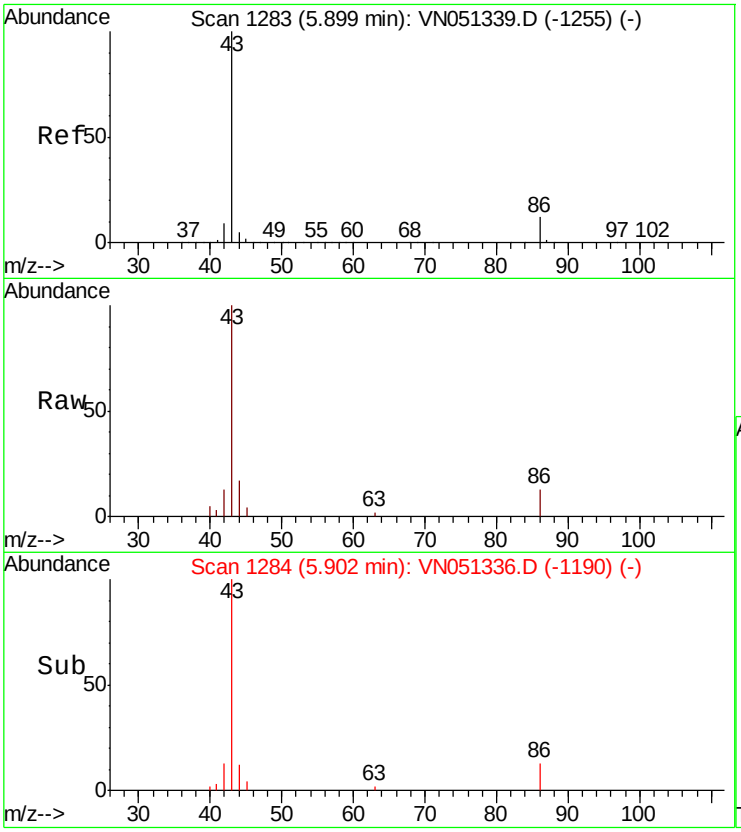




#22
Diisopropyl ether
Concen: 0.92 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 45 Resp: 13960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 74.5 | 46.1 | 69.1# |
| 87 | 29.1 | 25.6 | 38.4 |
| 59 | 13.6 | 9.9 | 14.9 |



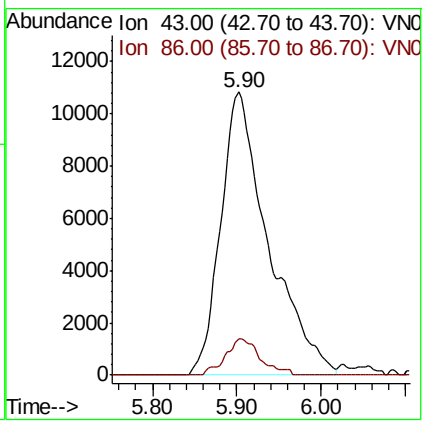


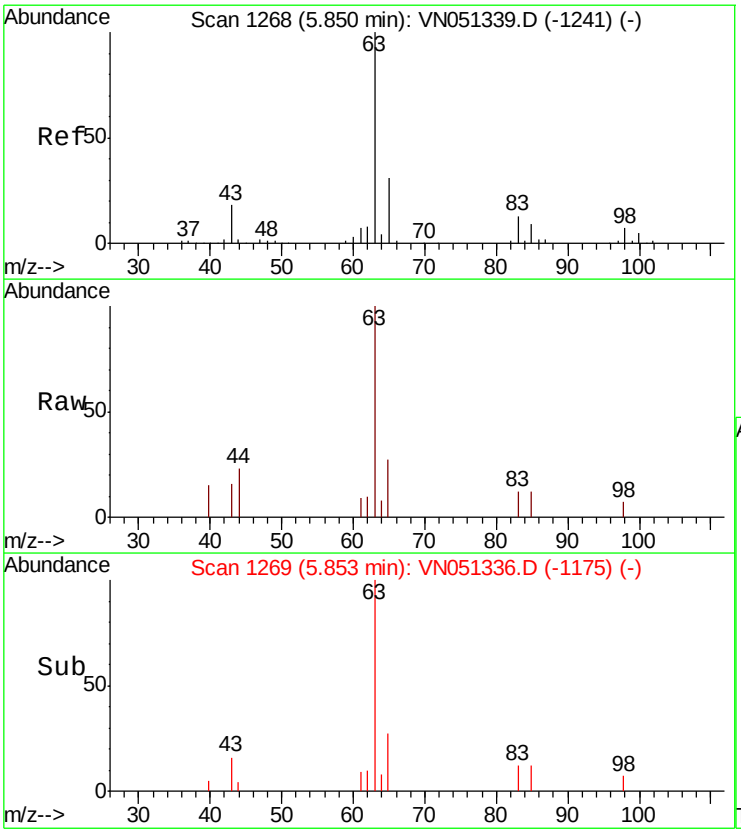

#23
Vinyl Acetate
Concen: 4.34 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 43 Resp: 42464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 12.7 | 9.8 | 14.6 |

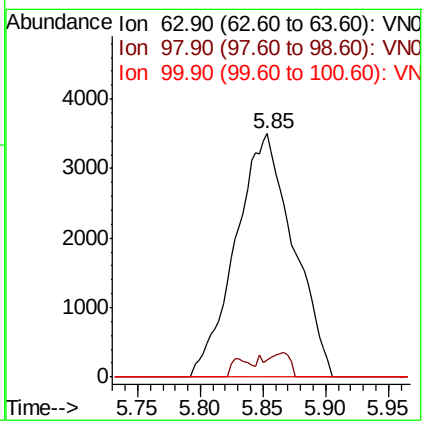


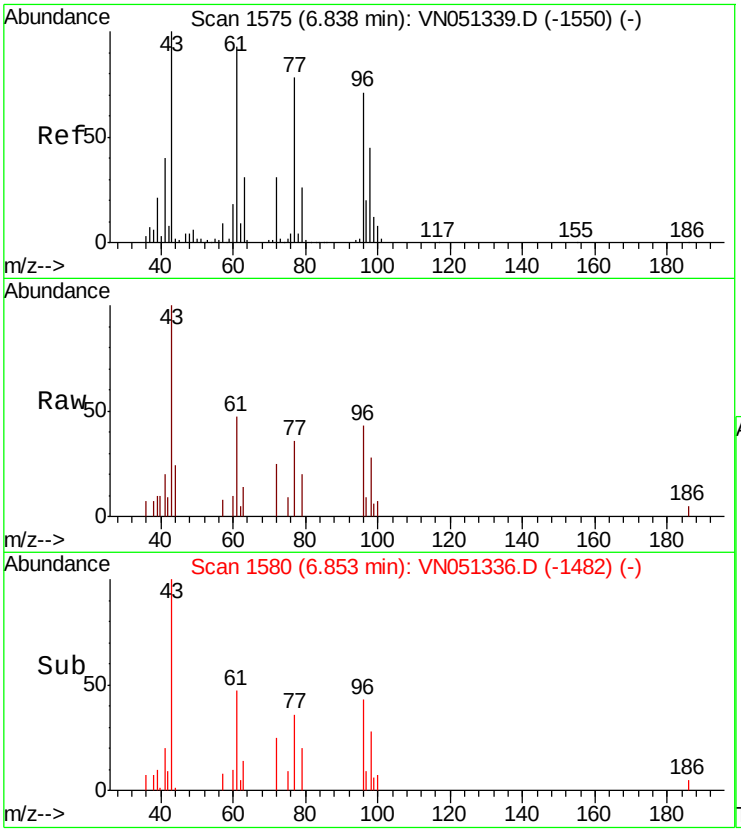




#24
1,1-Dichloroethane
Concen: 1.09 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 63 Resp: 11228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.9 | 3.4 | 10.2 |
| 100 | 0.0 | 2.3 | 6.9# |



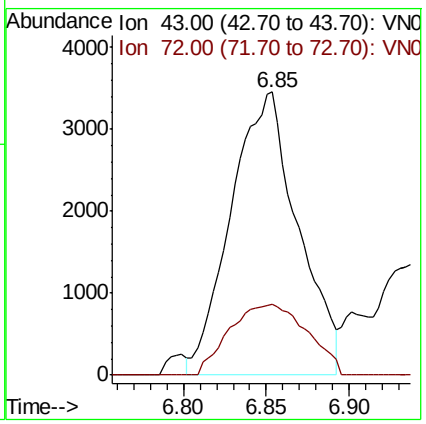


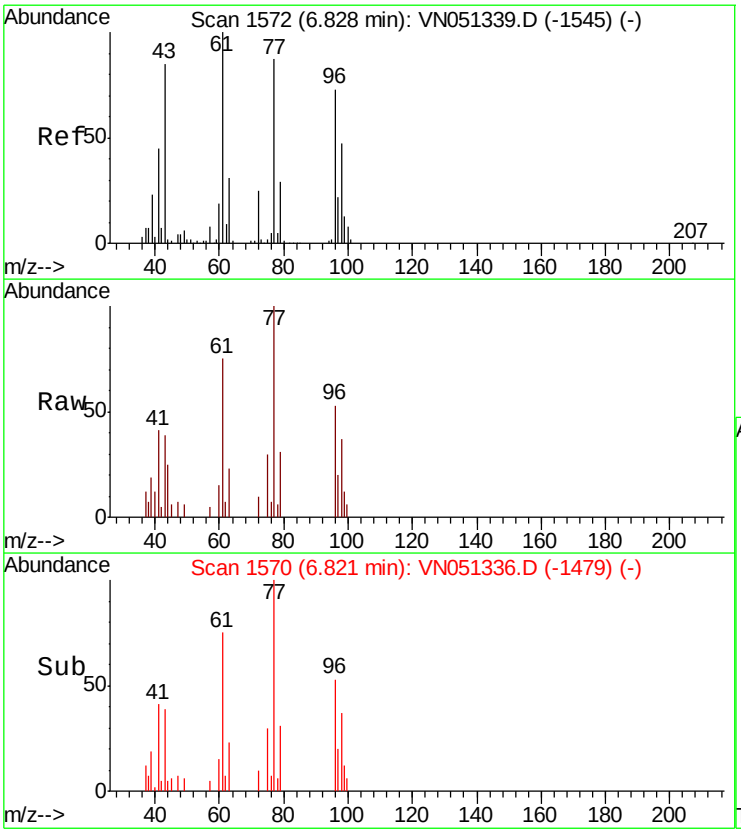

#25
2-Butanone
Concen: 5.41 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 43 Resp: 9732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.6 | 24.7 | 37.1 |

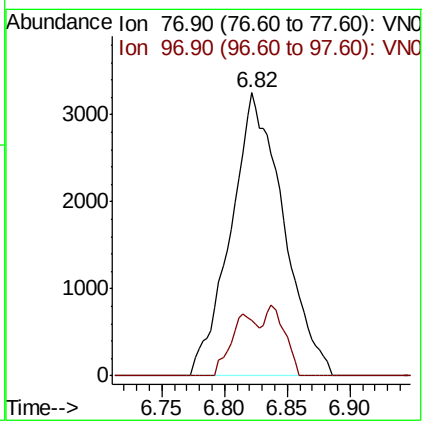


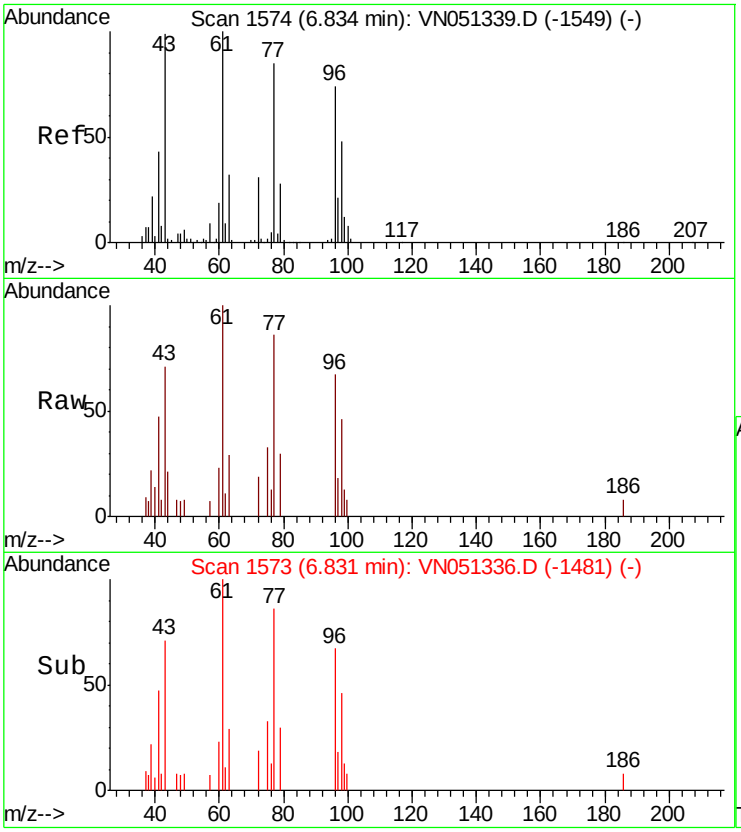




#26
2,2-Dichloropropane
Concen: 1.11 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 77 Resp: 9454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 11.0 | 12.2 | 36.6# |



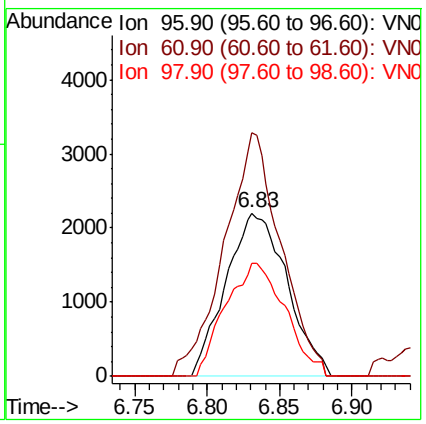


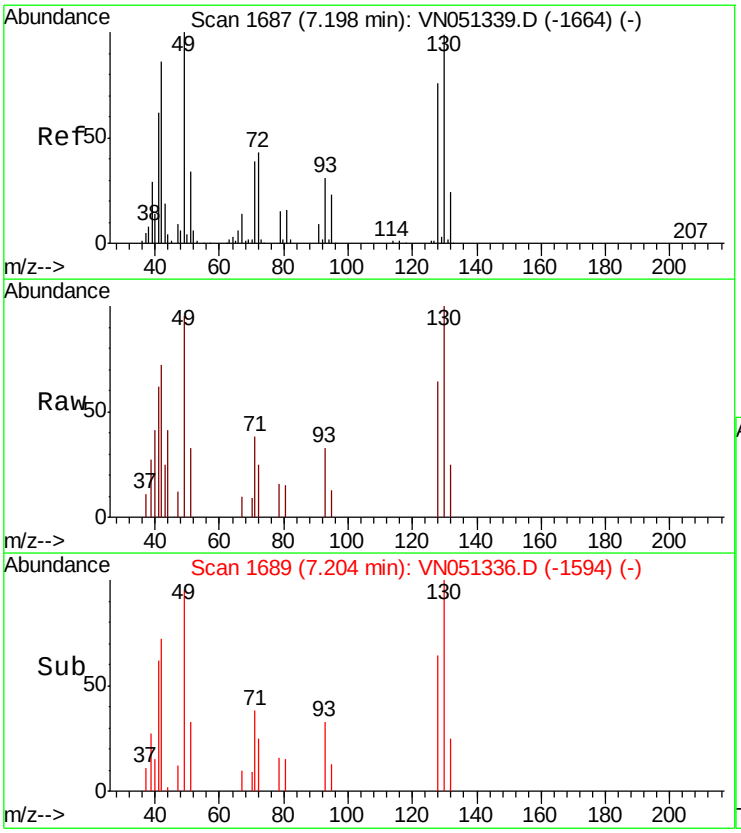

#27
cis-1,2-Dichloroethene
Concen: 1.01 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 96 Resp: 6456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 137.4 | 0.0 | 271.2 |
| 98 | 67.5 | 0.0 | 131.2 |

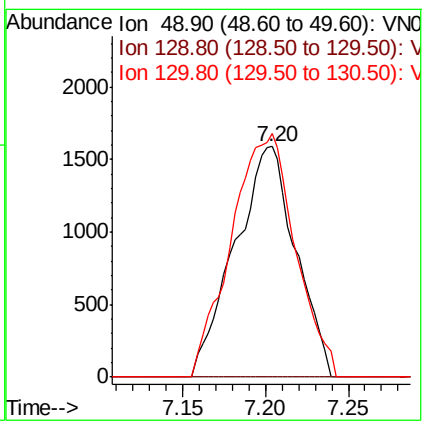


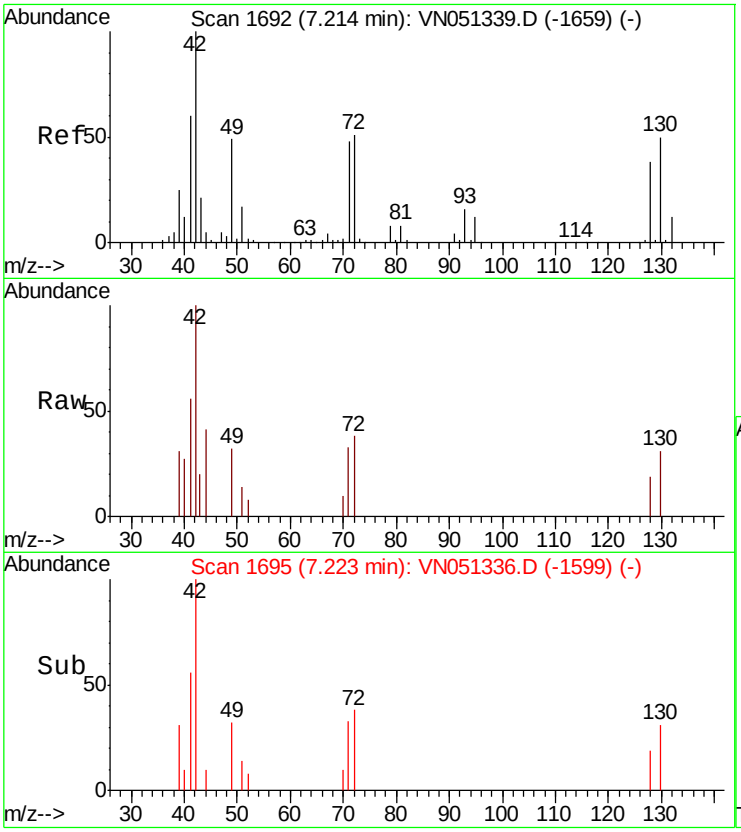




#28
Bromochloromethane
Concen: 0.95 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 49 Resp: 4075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.0 |
| 130 | 110.7 | 77.4 | 116.2 |



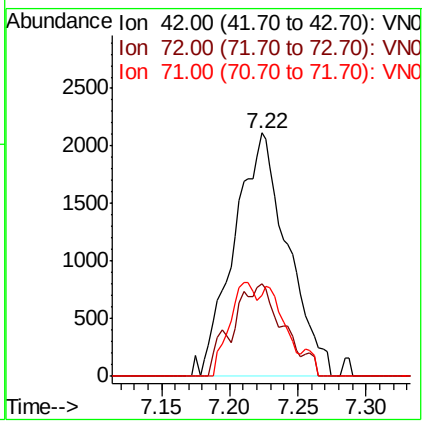


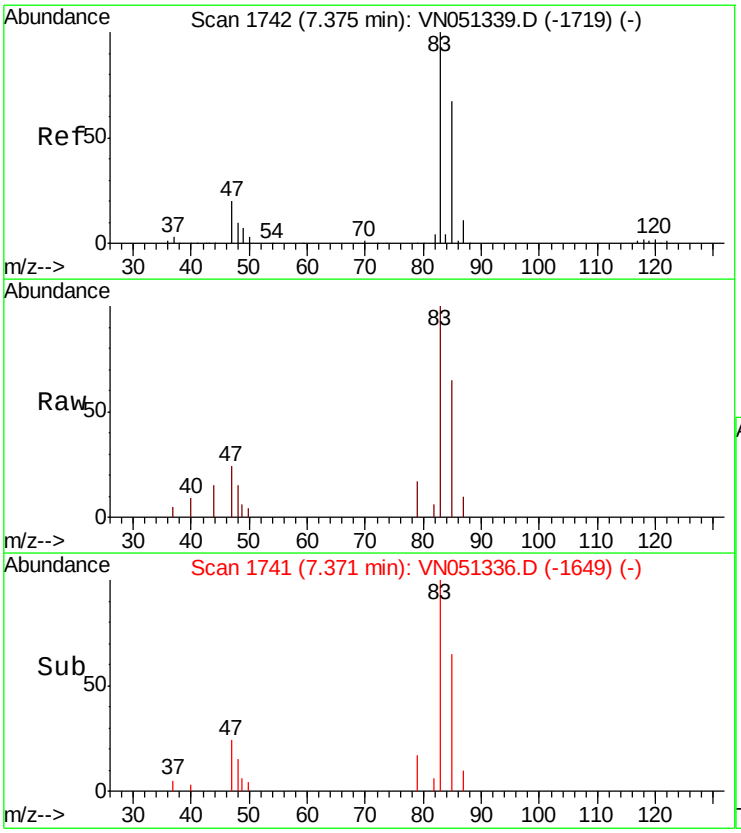

#29
Tetrahydrofuran
Concen: 5.07 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 42 Resp: 5776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 31.0 | 39.0 | 58.4# |
| 71 | 19.3 | 36.5 | 54.7# |

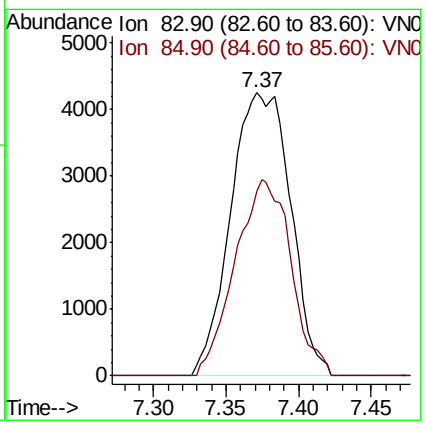


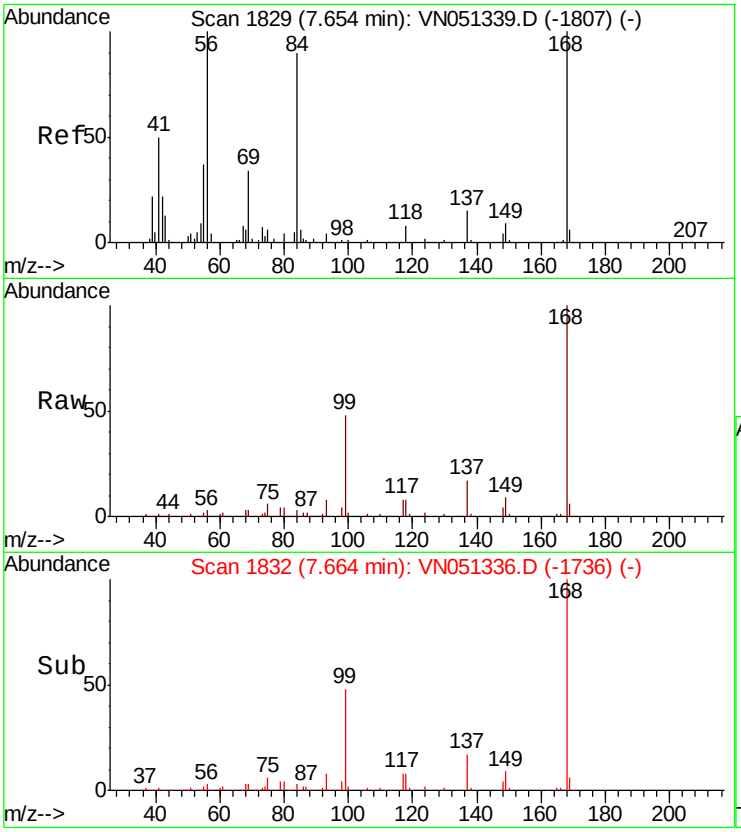




#30
Chloroform
Concen: 1.13 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 83 Resp: 12211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.1 | 53.2 | 79.8 |



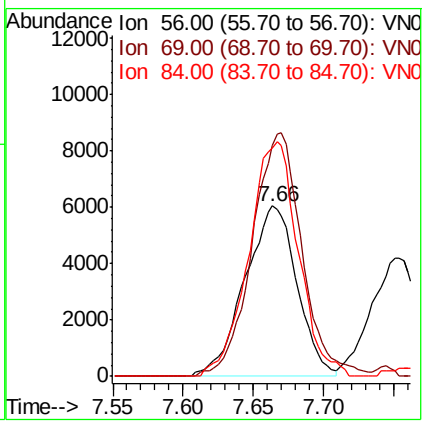


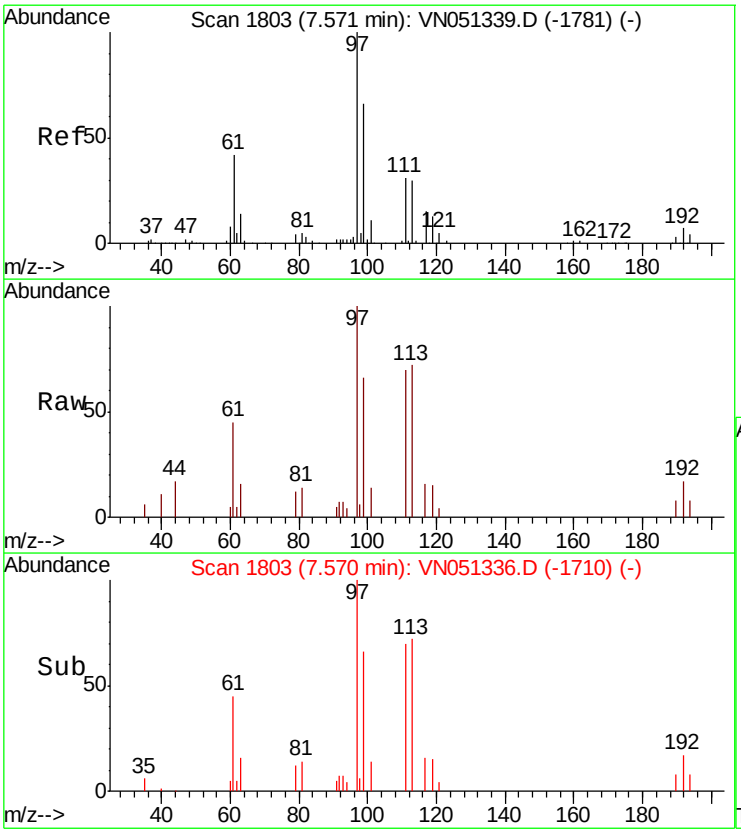

#31
Cyclohexane
Concen: 1.54 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 56 Resp: 15592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 135.2 | 27.3 | 40.9# |
| 84 | 133.9 | 72.2 | 108.2# |

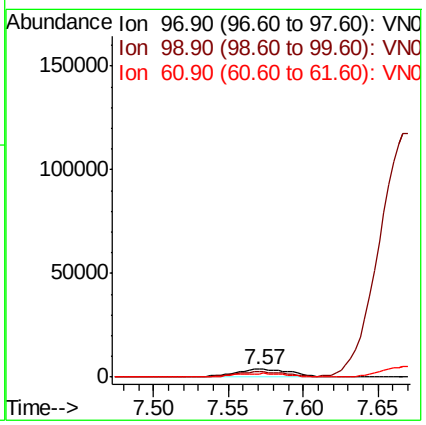


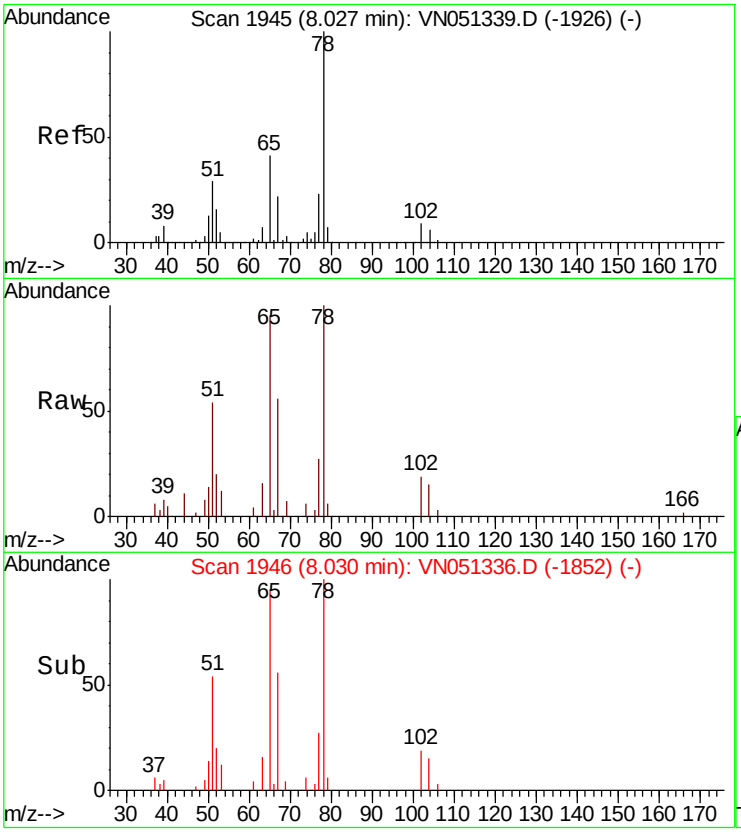




#32
1,1,1-Trichloroethane
Concen: 1.08 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 97 Resp: 10061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 0.0 | 51.1 | 76.7# |
| 61 | 44.4 | 33.2 | 49.8 |



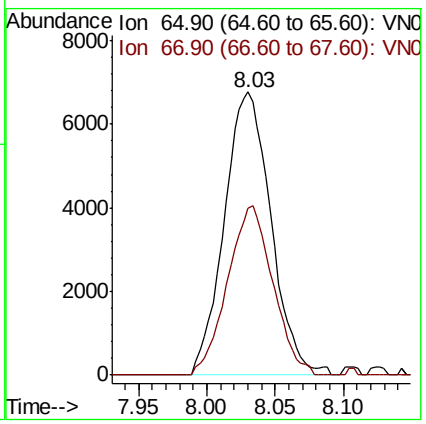


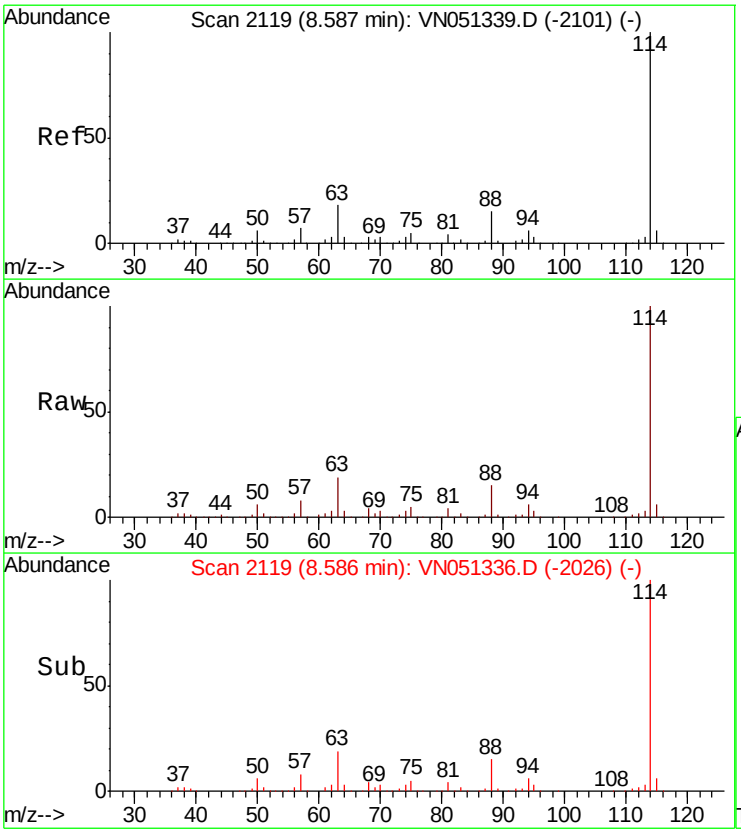

#33
1,2-Dichloroethane-d4
Concen: 2.55 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 65 Resp: 16081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 58.0 | 0.0 | 108.8 |

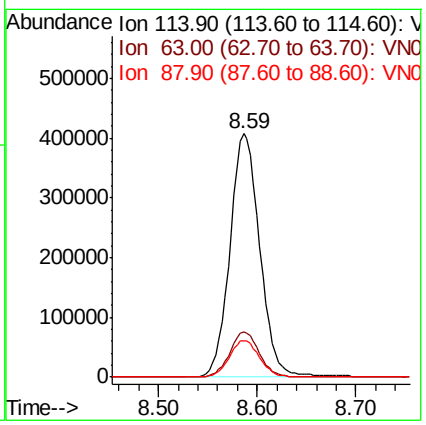


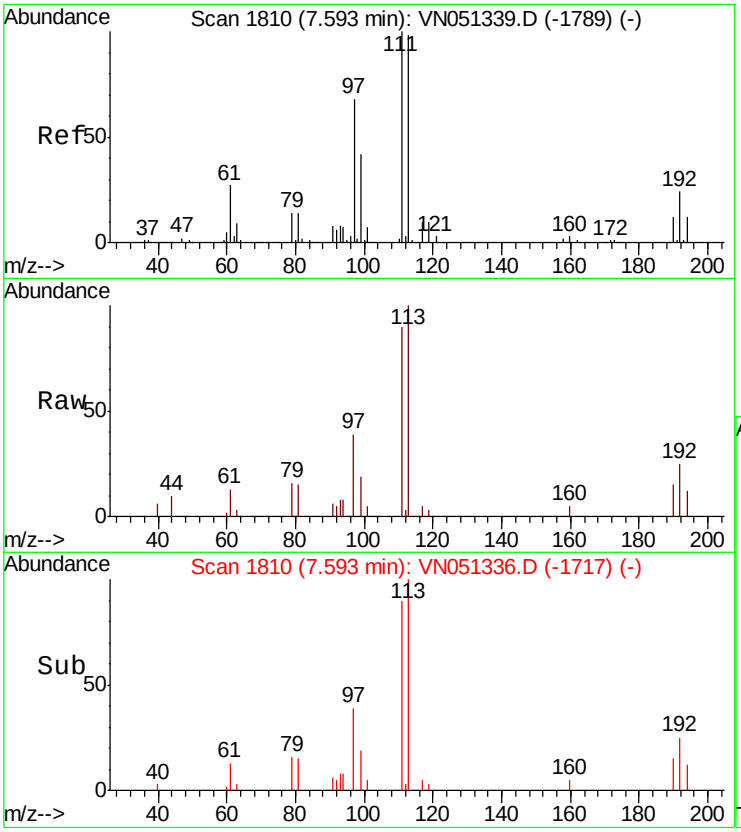




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:114 Resp: 858652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.8 | 0.0 | 36.6 |
| 88 | 15.1 | 0.0 | 29.8 |



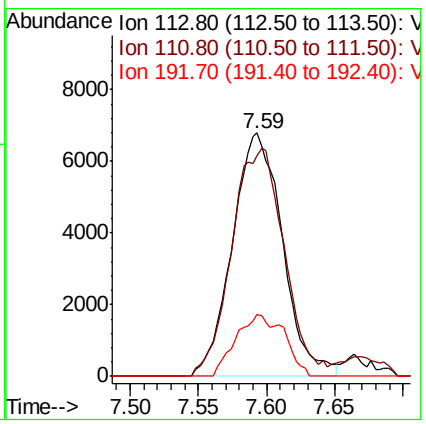


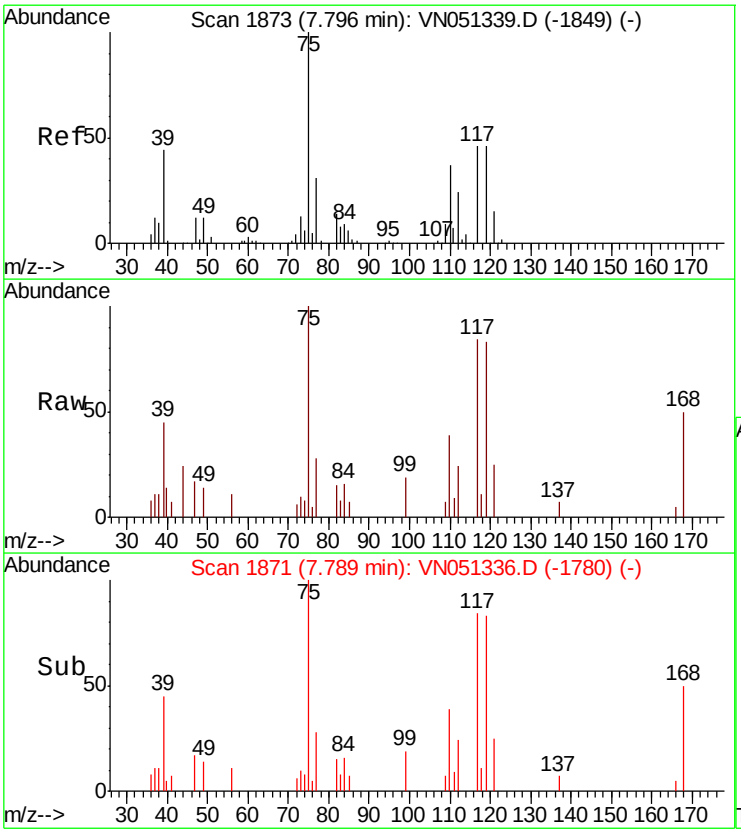

#35
Dibromofluoromethane
Concen: 2.51 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:113 Resp: 17383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 97.7 | 81.9 | 122.9 |
| 192 | 24.3 | 19.8 | 29.6 |

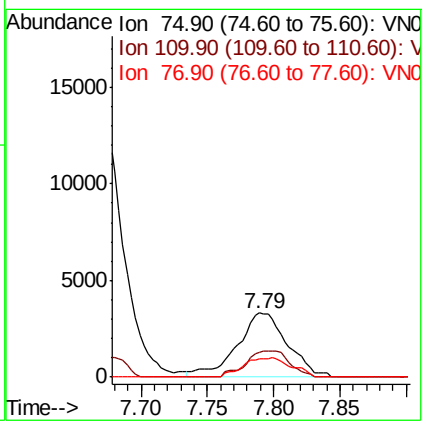


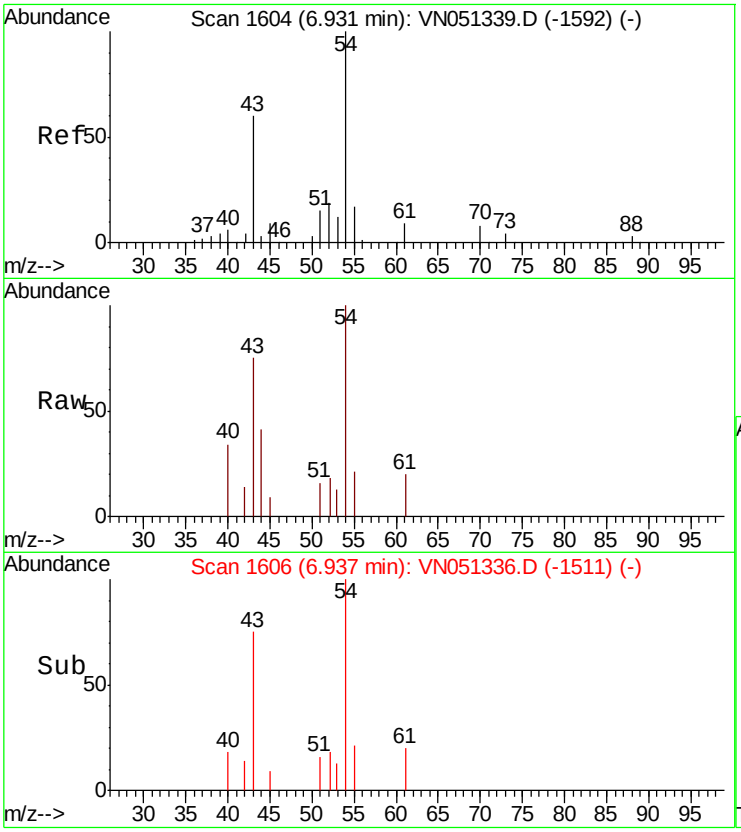




#36
1,1-Dichloropropene
Concen: 1.01 ug/l
RT: 7.79 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 75 Resp: 8847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.0 | 18.9 | 56.5 |
| 77 | 27.8 | 25.4 | 38.2 |



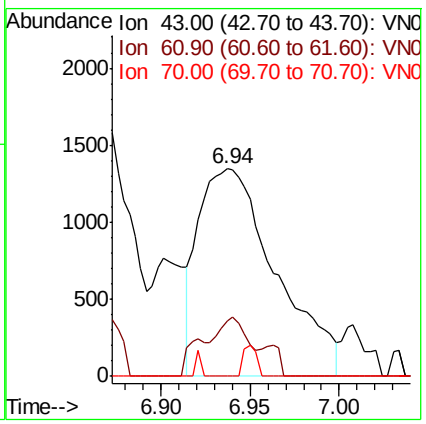


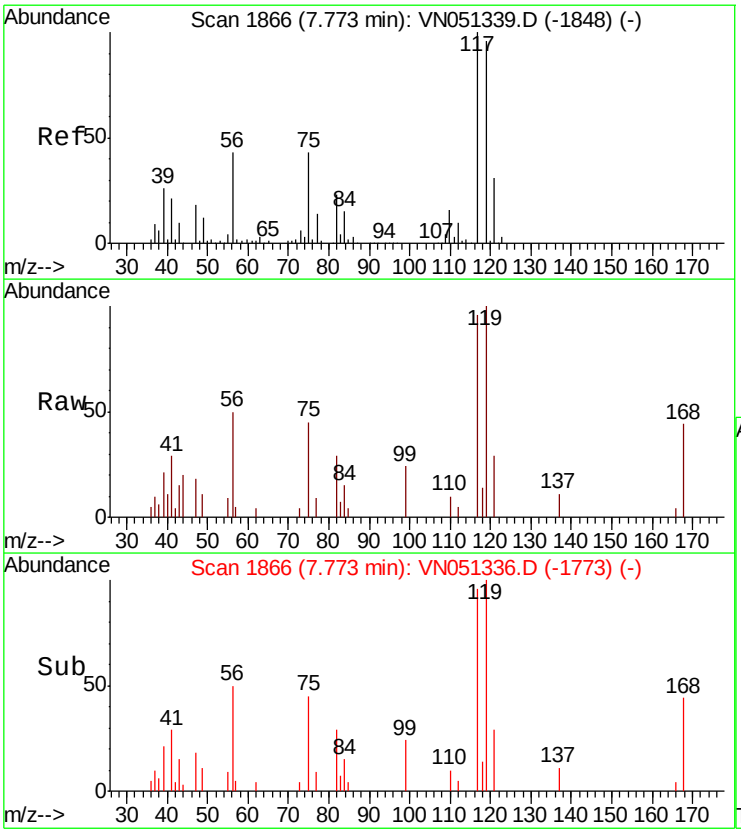

#37
Ethyl Acetate
Concen: 0.93 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 43 Resp: 4057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 13.6 | 20.4# |
| 70 | 2.6 | 9.4 | 14.2# |

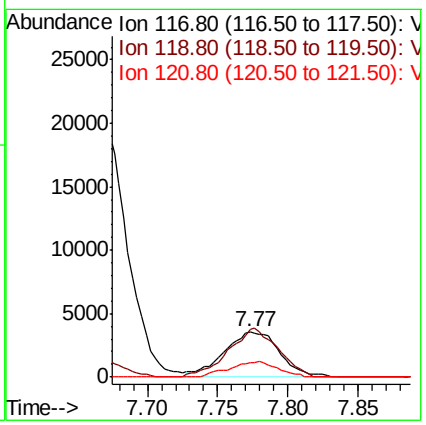


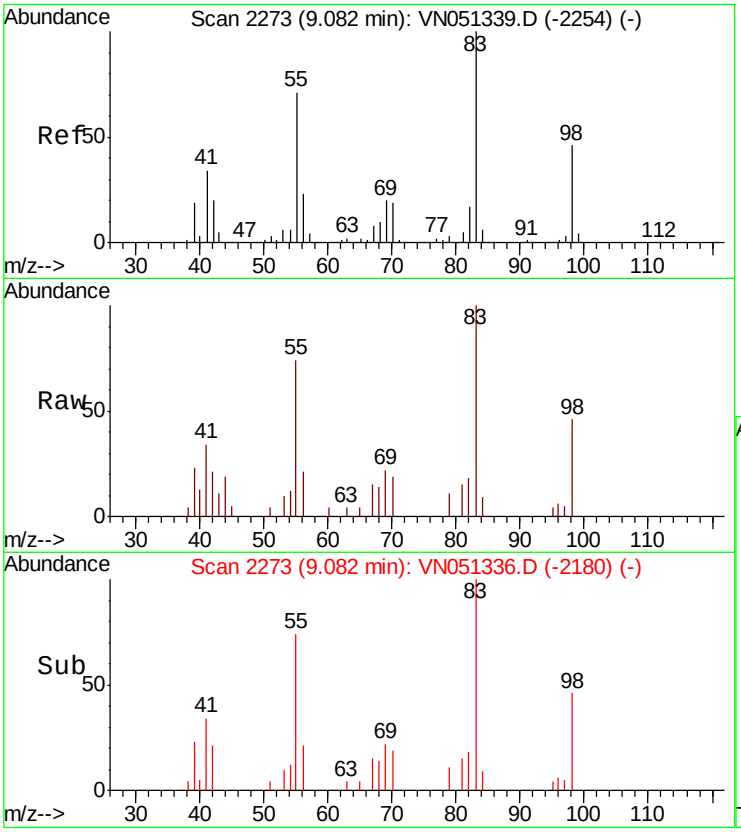




#38
Carbon Tetrachloride
Concen: 1.04 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:117 Resp: 9847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 104.3 | 77.0 | 115.4 |
| 121 | 30.7 | 25.0 | 37.4 |



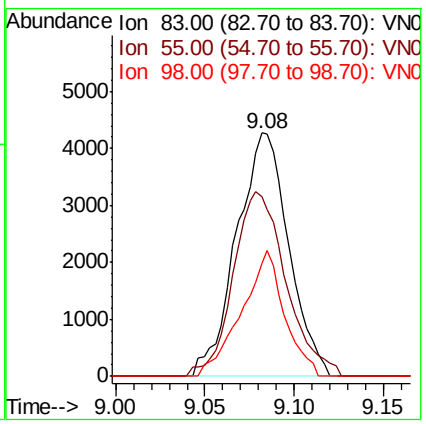


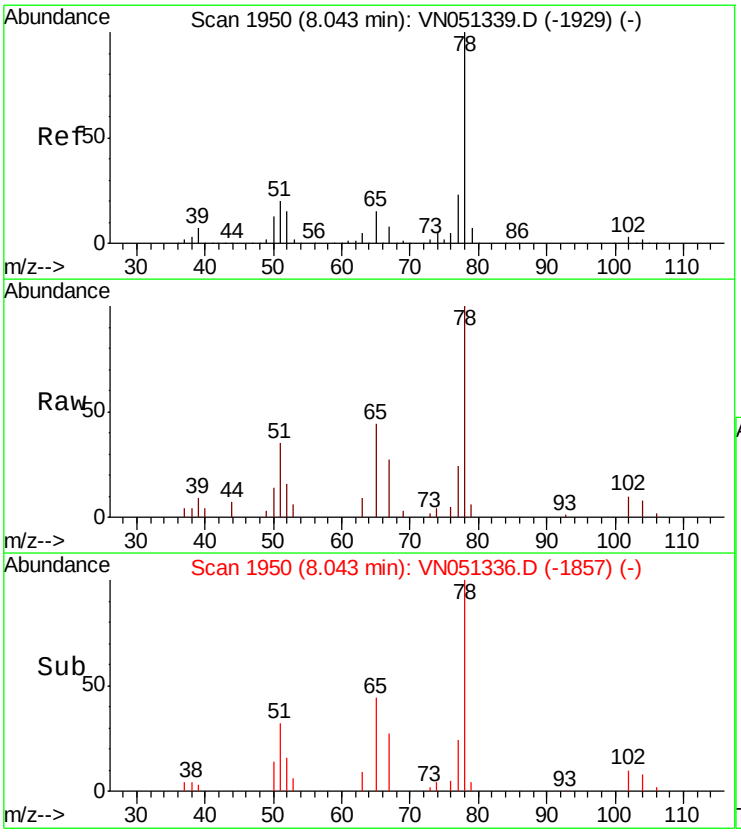

#39
Methylcyclohexane
Concen: 0.85 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 83 Resp: 8697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 73.8 | 56.5 | 84.7 |
| 98 | 46.4 | 36.7 | 55.1 |

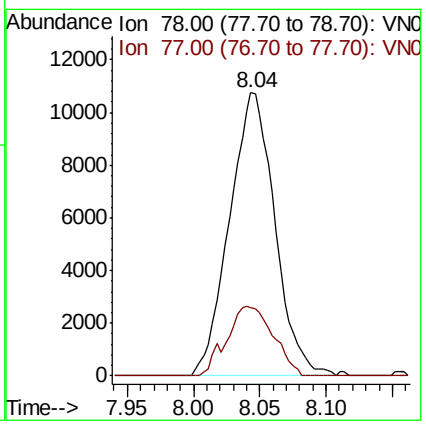


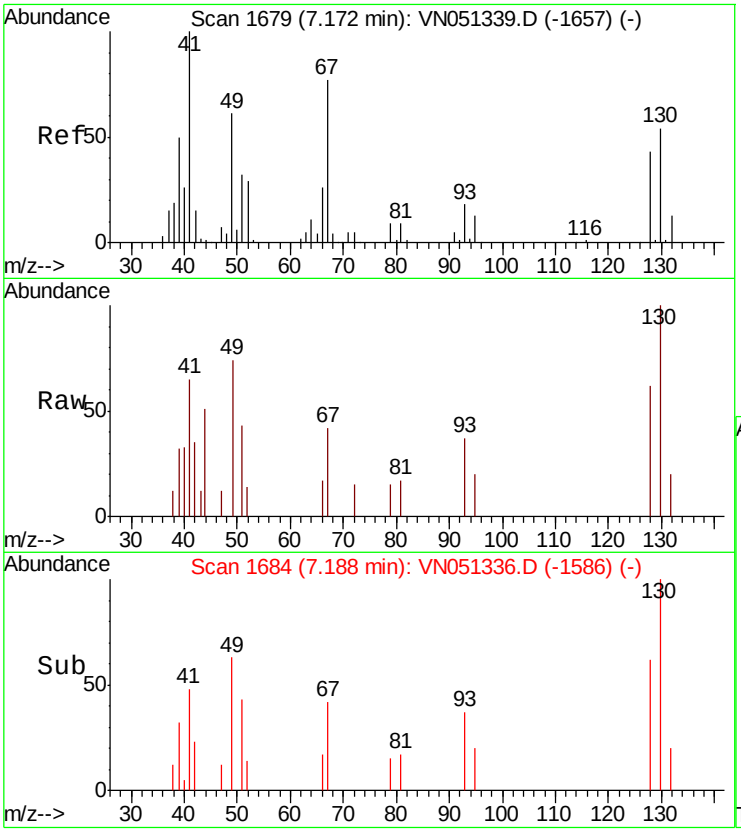




#40
Benzene
Concen: 0.97 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 78 Resp: 25555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.2 | 18.5 | 27.7 |



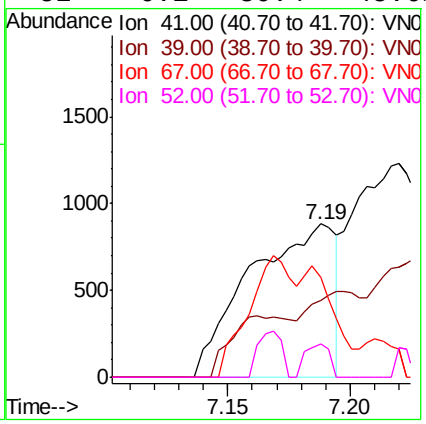


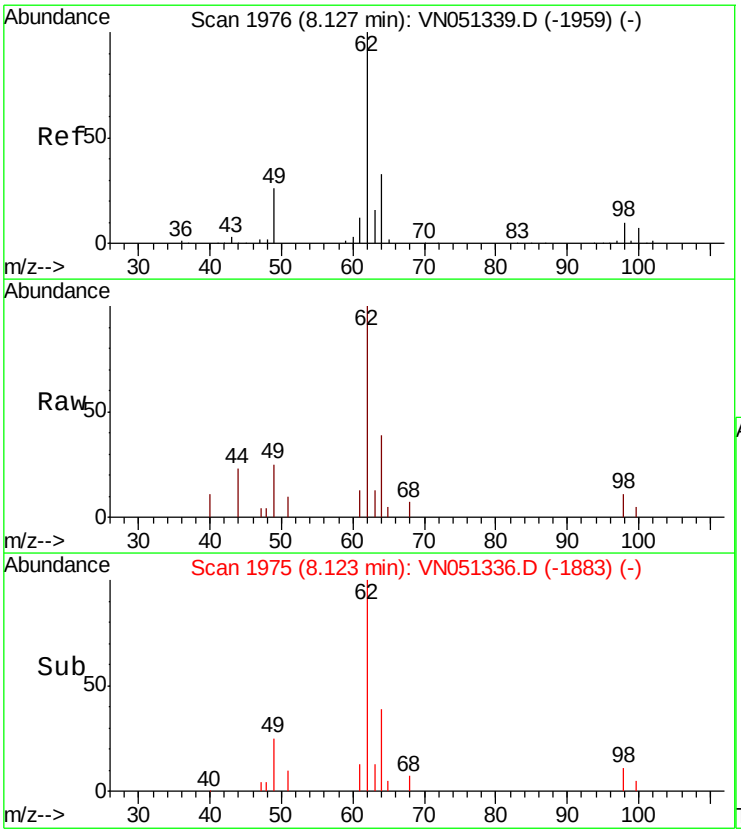

#41
Methacrylonitrile
Concen: 0.95 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.02 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 41 Resp: 2142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 32.8 | 51.3 | 76.9# |
| 67 | 0.0 | 77.0 | 115.4# |
| 52 | 6.1 | 30.4 | 45.6# |

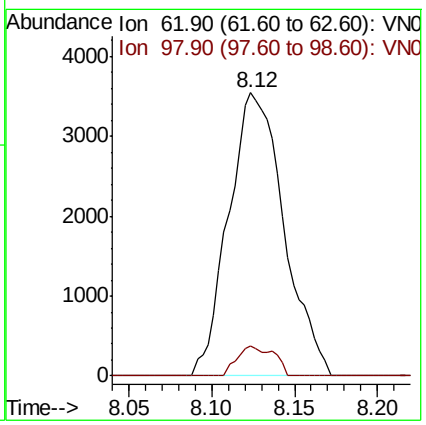


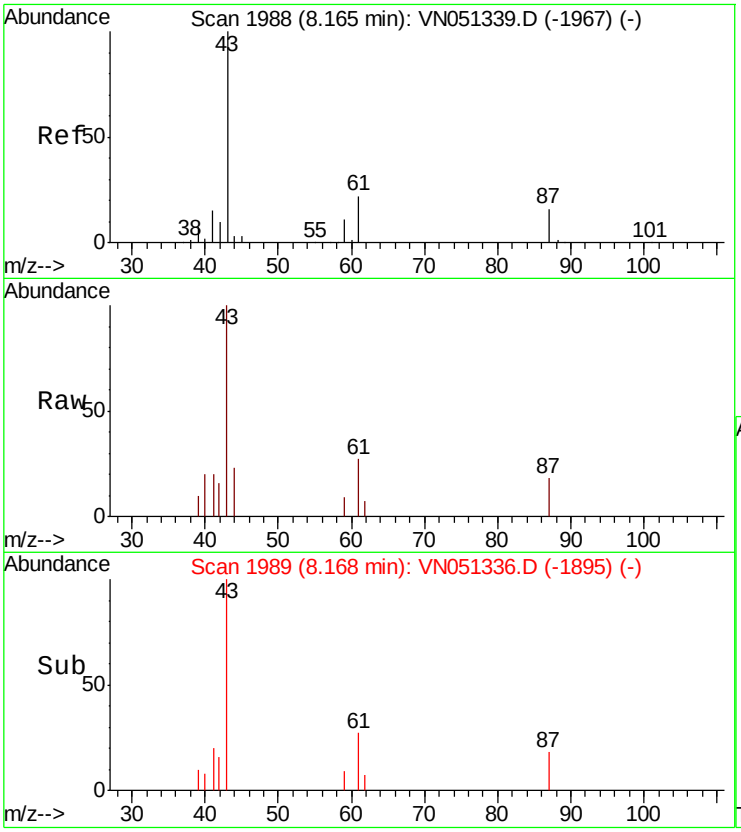




#42
1,2-Dichloroethane
Concen: 1.03 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 62 Resp: 8234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 7.0 | 0.0 | 20.6 |



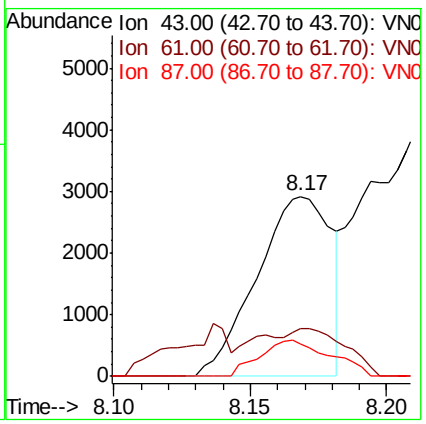


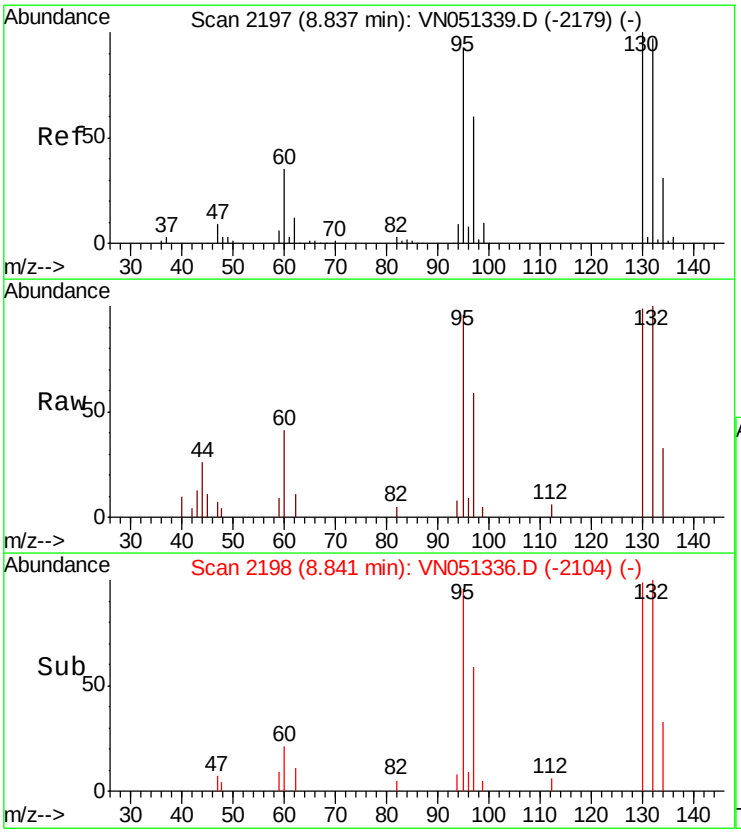

#43
Isopropyl Acetate
Concen: 0.73 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 43 Resp: 5535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.6 | 18.1 | 27.1 |
| 87 | 19.1 | 12.8 | 19.2 |

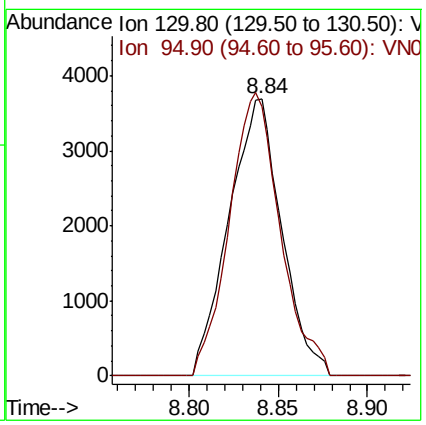


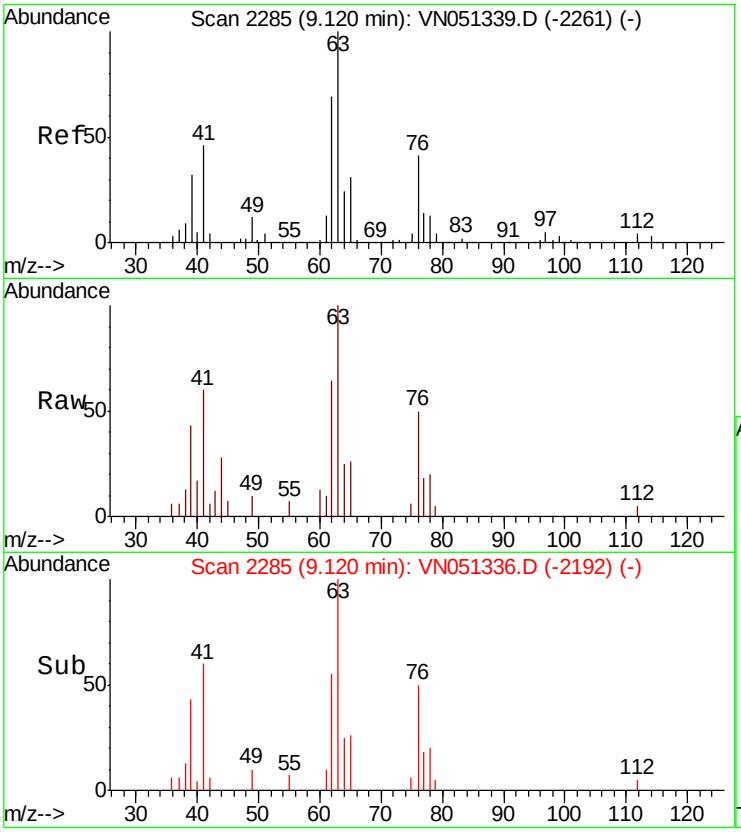




#44
Trichloroethene
Concen: 1.00 ug/l
RT: 8.84 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:130 Resp: 7621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 97.0 | 0.0 | 185.6 |



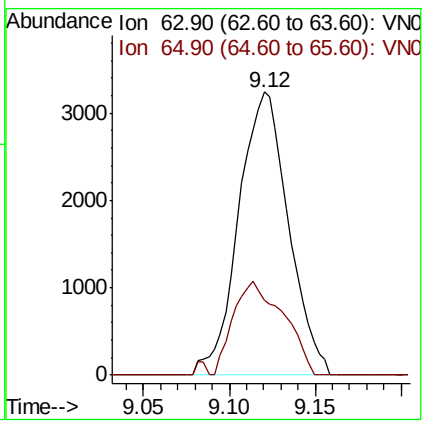


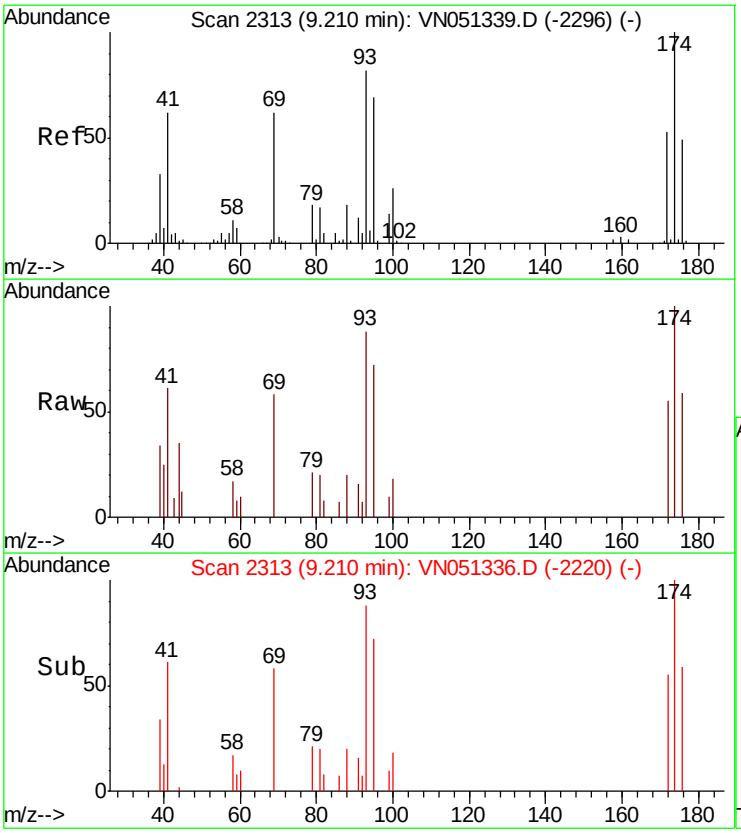

#45
1,2-Dichloropropane
Concen: 0.96 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 63 Resp: 6524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 26.3 | 24.7 | 37.1 |

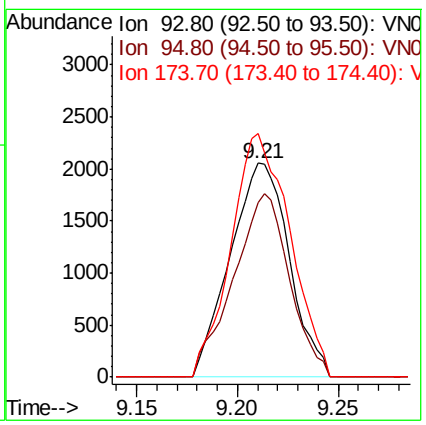


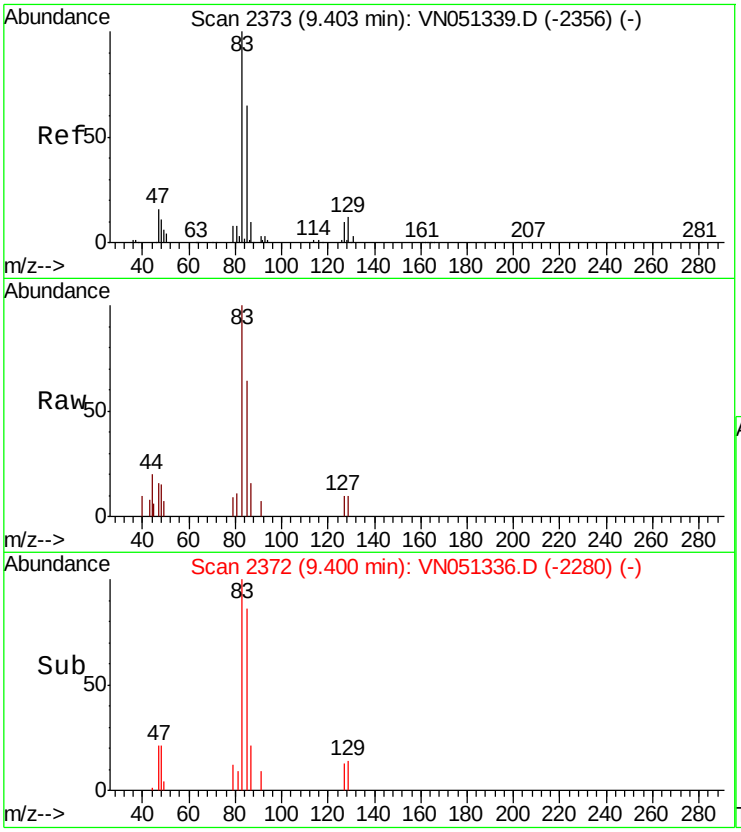




#46
Dibromomethane
Concen: 1.01 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 93 Resp: 4197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 80.9 | 67.6 | 101.4 |
| 174 | 113.8 | 98.9 | 148.3 |



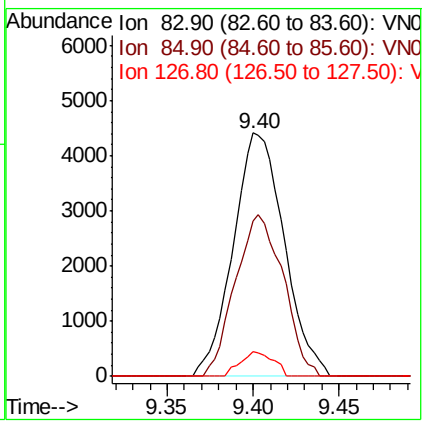


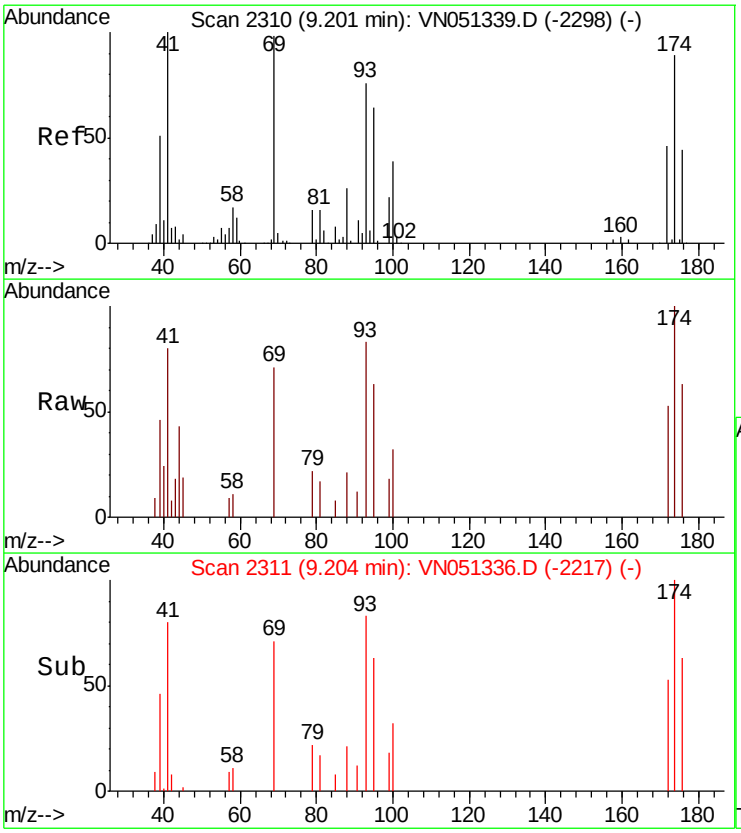

#47
Bromodichloromethane
Concen: 1.02 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 83 Resp: 9071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.8 | 51.6 | 77.4 |
| 127 | 9.9 | 7.8 | 11.6 |

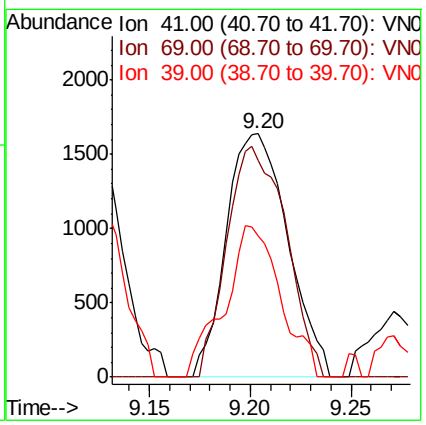


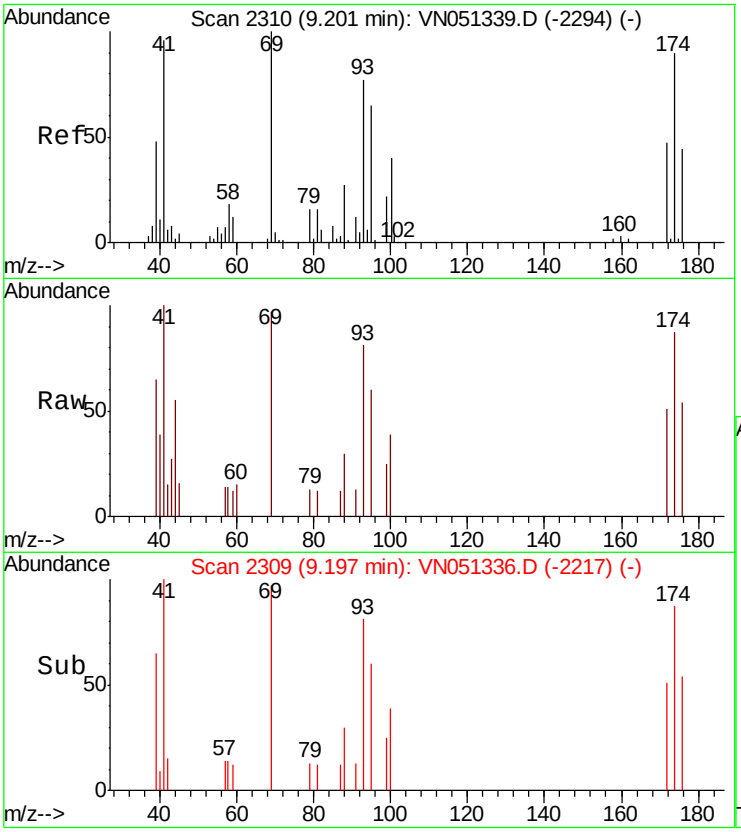




#48
Methyl methacrylate
Concen: 0.90 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 41 Resp: 3503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 91.1 | 79.4 | 119.0 |
| 39 | 56.2 | 43.0 | 64.6 |



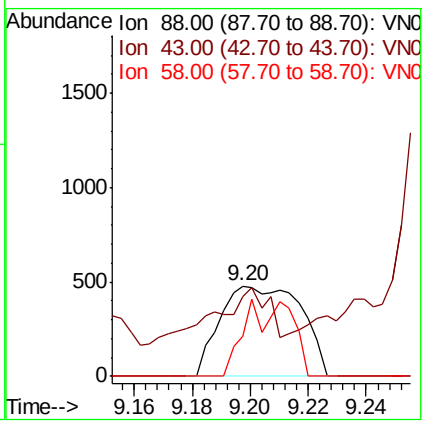


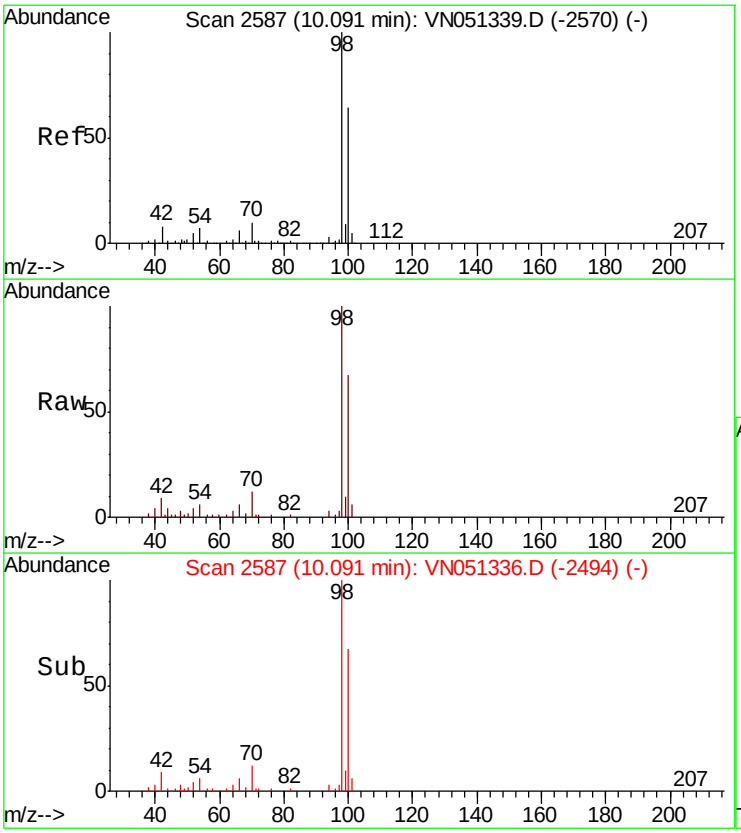

#49
1,4-Dioxane
Concen: 16.13 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 88 Resp: 926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 43.5 | 23.5 | 35.3# |
| 58 | 21.1 | 52.1 | 78.1# |

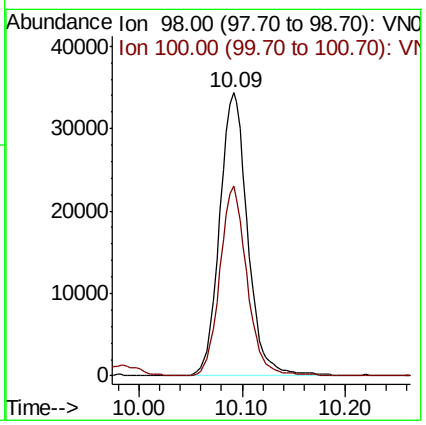


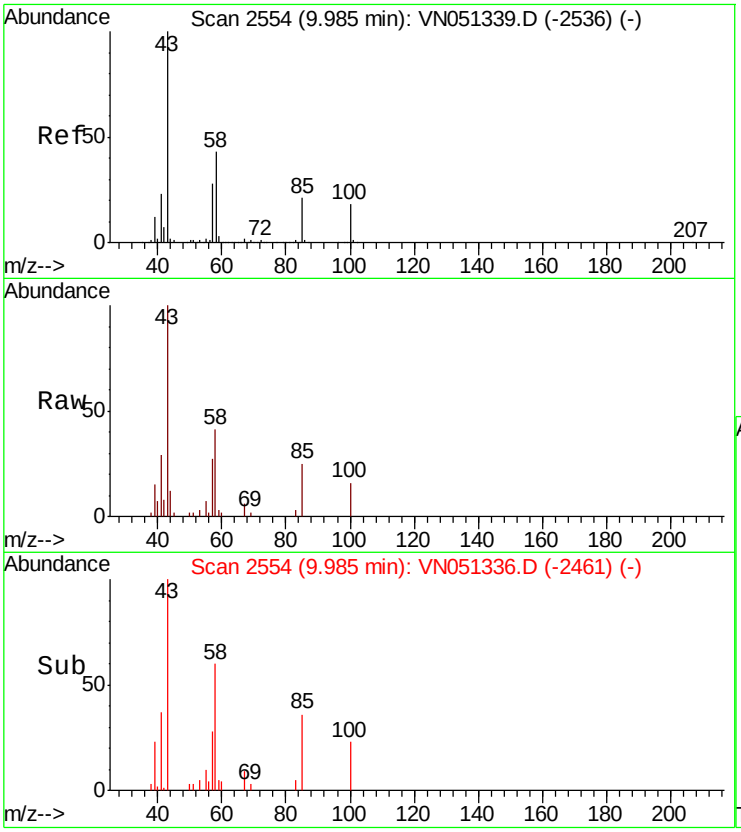




#50
Toluene-d8
Concen: 2.43 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 98 Resp: 64883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.7 | 51.3 | 76.9 |



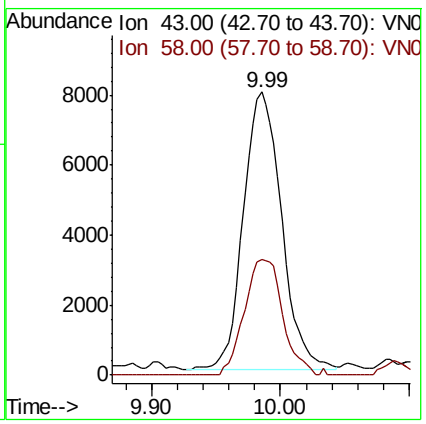


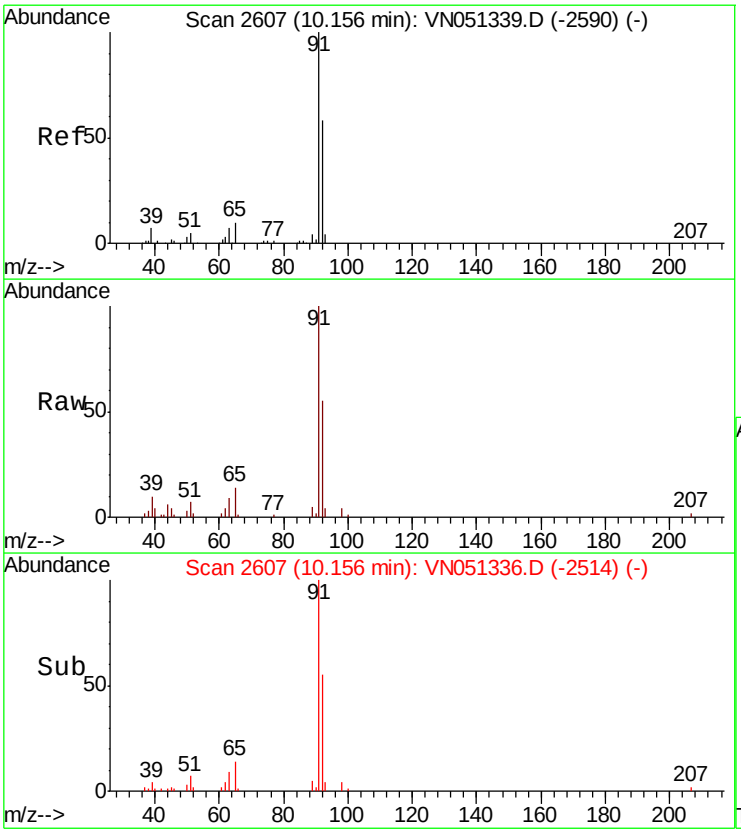

#51
4-Methyl-2-Pentanone
Concen: 4.00 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 43 Resp: 16369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.7 | 34.2 | 51.4 |

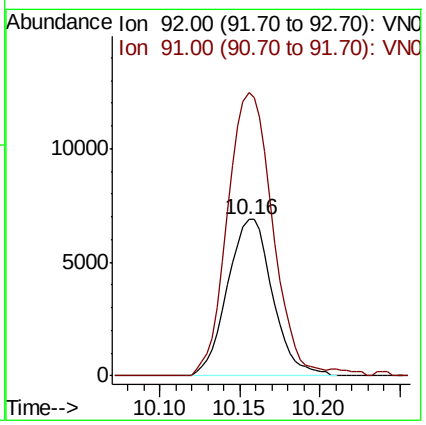


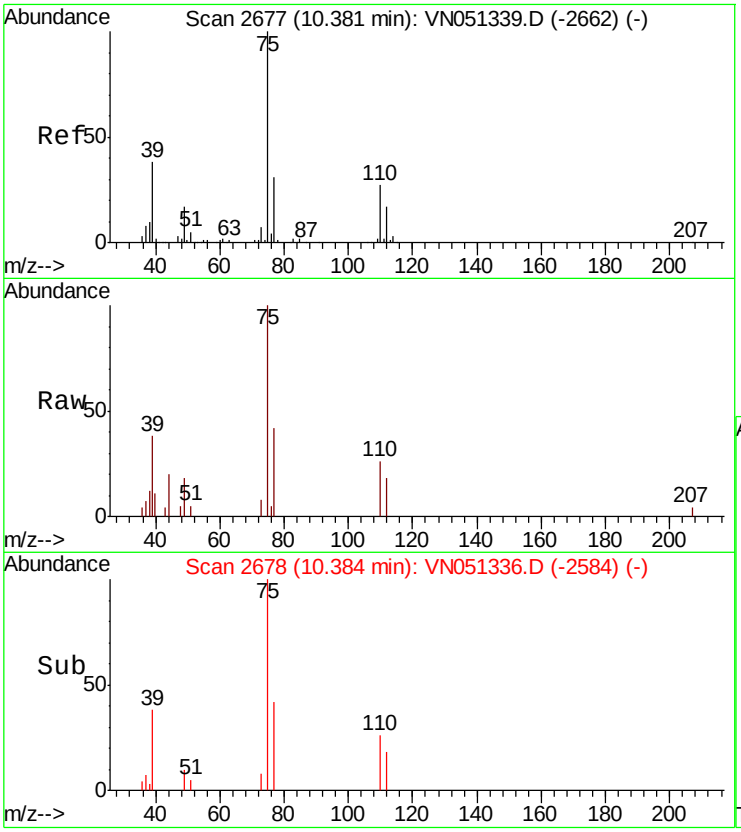




#52
Toluene
Concen: 0.81 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 92 Resp: 13225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 183.1 | 139.7 | 209.5 |



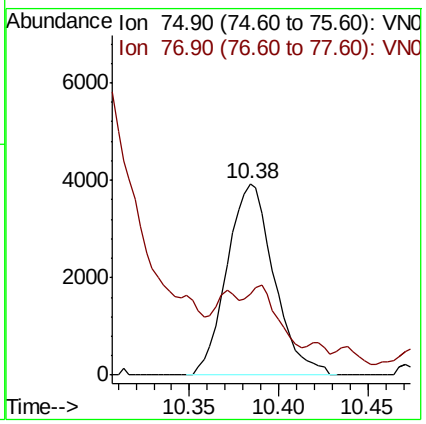


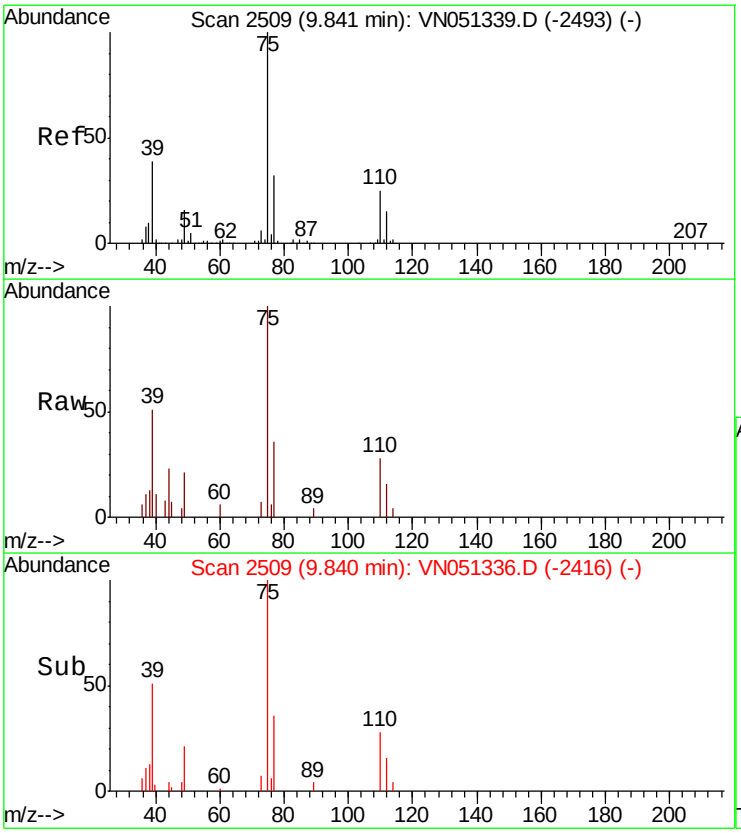

#53
t-1,3-Dichloropropene
Concen: 0.84 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 75 Resp: 7208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.0 | 25.5 | 38.3 |

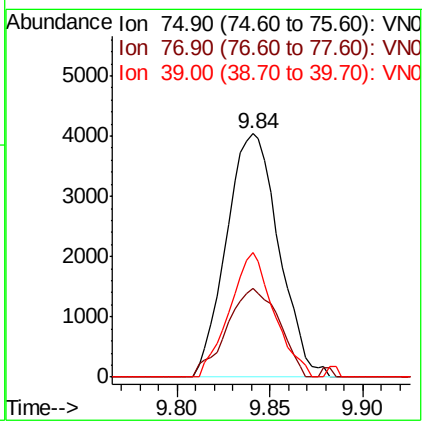


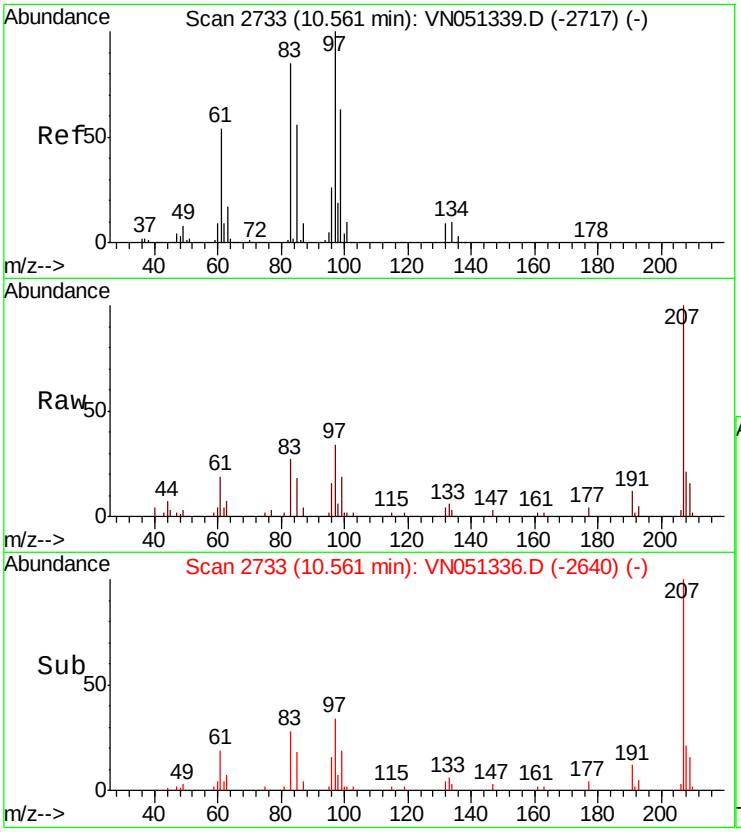




#54
cis-1,3-Dichloropropene
Concen: 0.80 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 75 Resp: 7938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.2 | 25.2 | 37.8 |
| 39 | 51.2 | 31.0 | 46.4# |



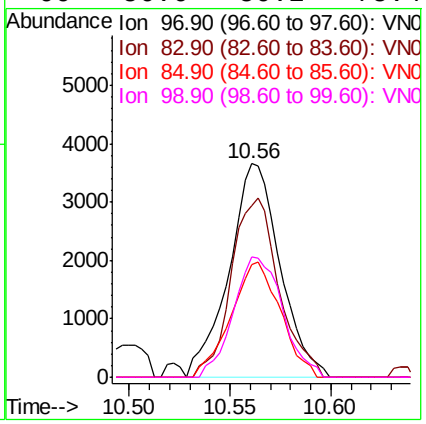


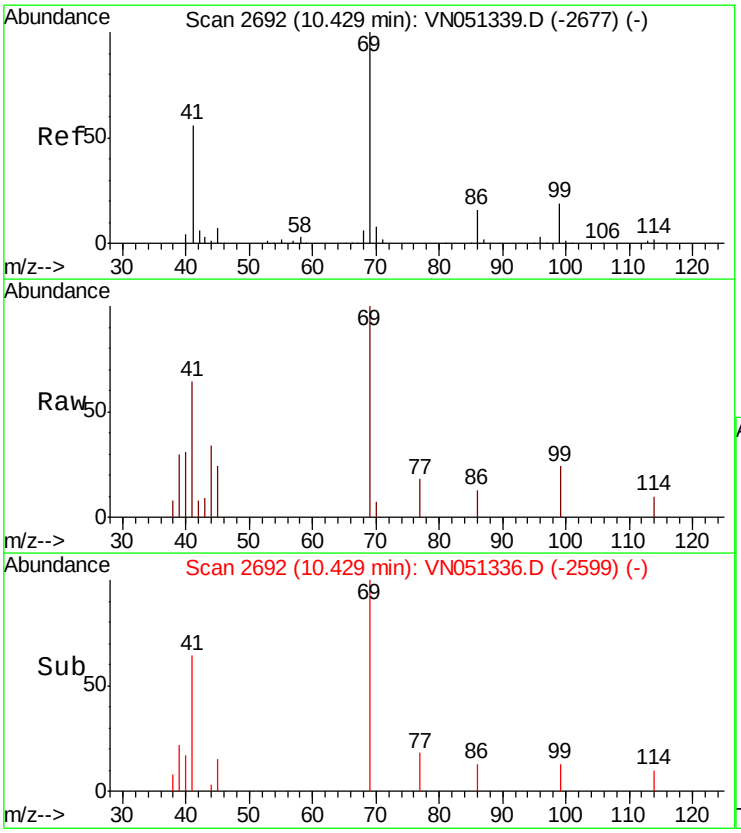

#55
1,1,2-Trichloroethane
Concen: 1.06 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 97 Resp: 6478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 80.5 | 68.1 | 102.1 |
| 85 | 52.7 | 44.6 | 66.8 |
| 99 | 56.6 | 50.2 | 75.4 |

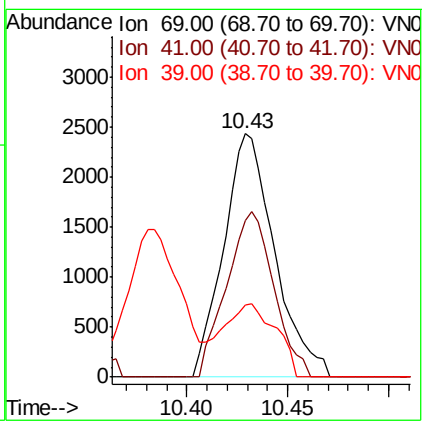


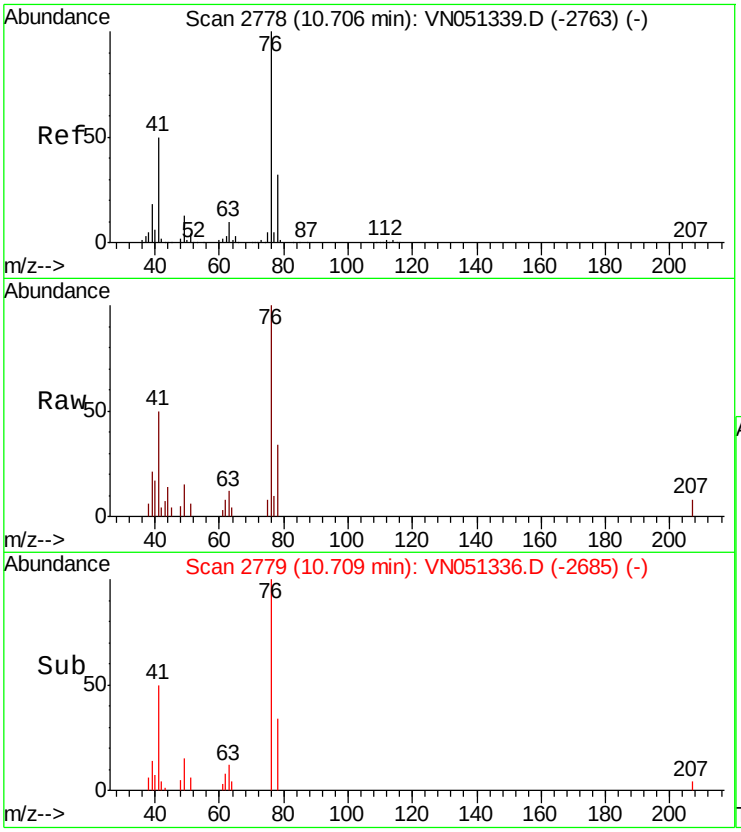




#56
Ethyl methacrylate
Concen: 0.67 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 69 Resp: 4300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 62.9 | 45.1 | 67.7 |
| 39 | 31.1 | 23.4 | 35.2 |



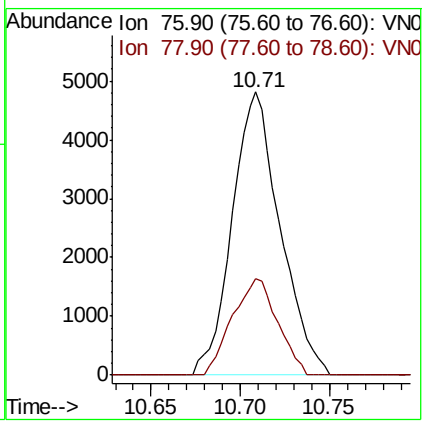


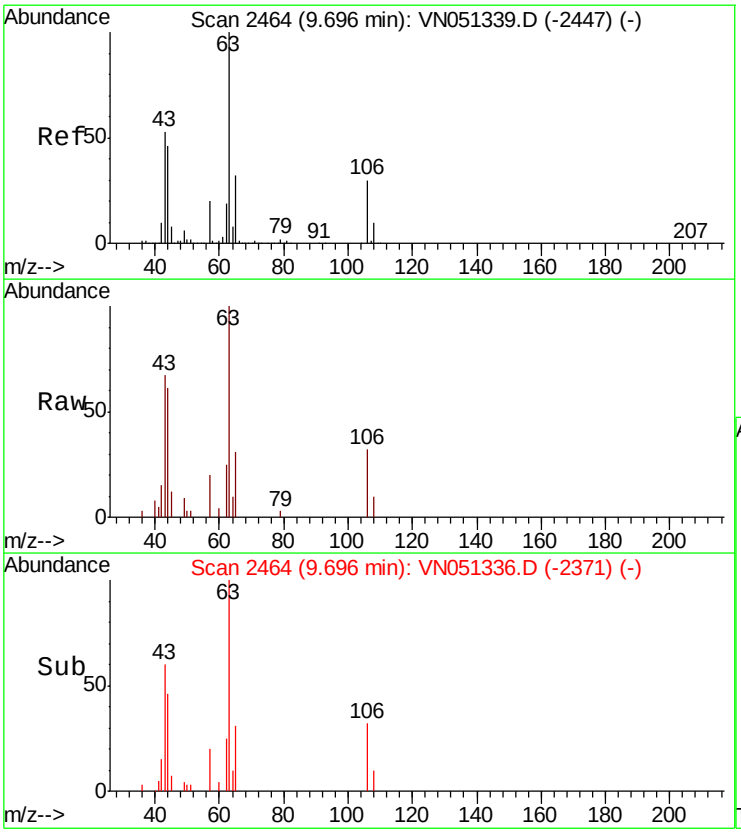

#57
1,3-Dichloropropane
Concen: 0.94 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 76 Resp: 9025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.1 | 25.7 | 38.5 |

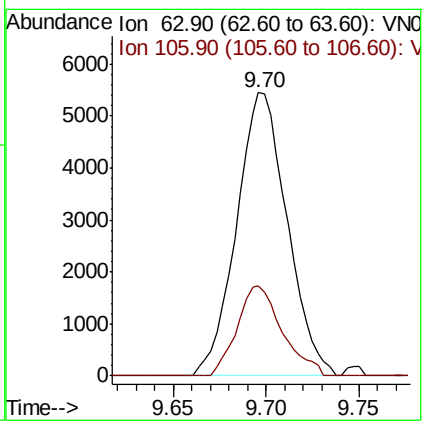


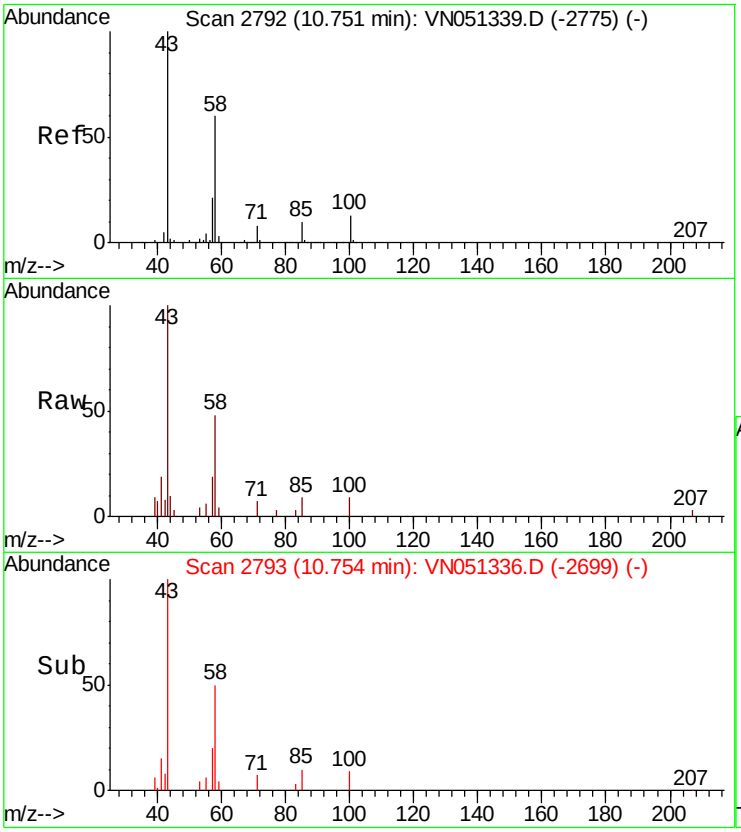




#58
2-Chloroethyl Vinyl ether
Concen: 3.25 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 63 Resp: 10318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 28.3 | 23.7 | 35.5 |



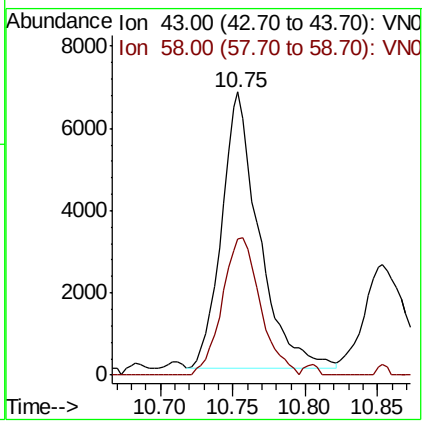


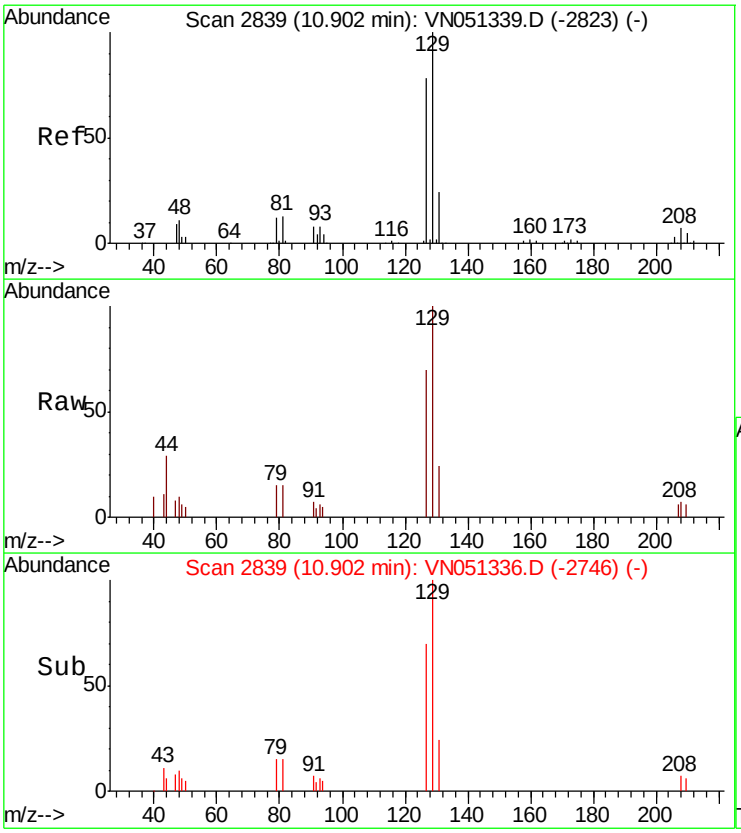

#59
2-Hexanone
Concen: 4.35 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 43 Resp: 12007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.6 | 29.9 | 89.8 |

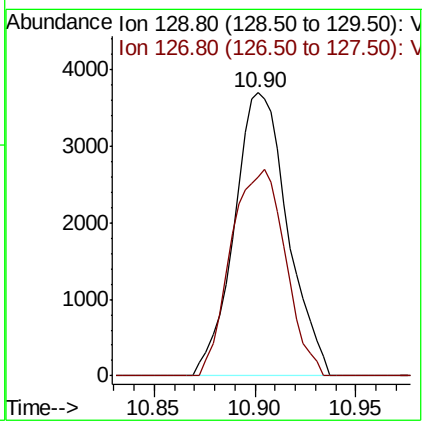


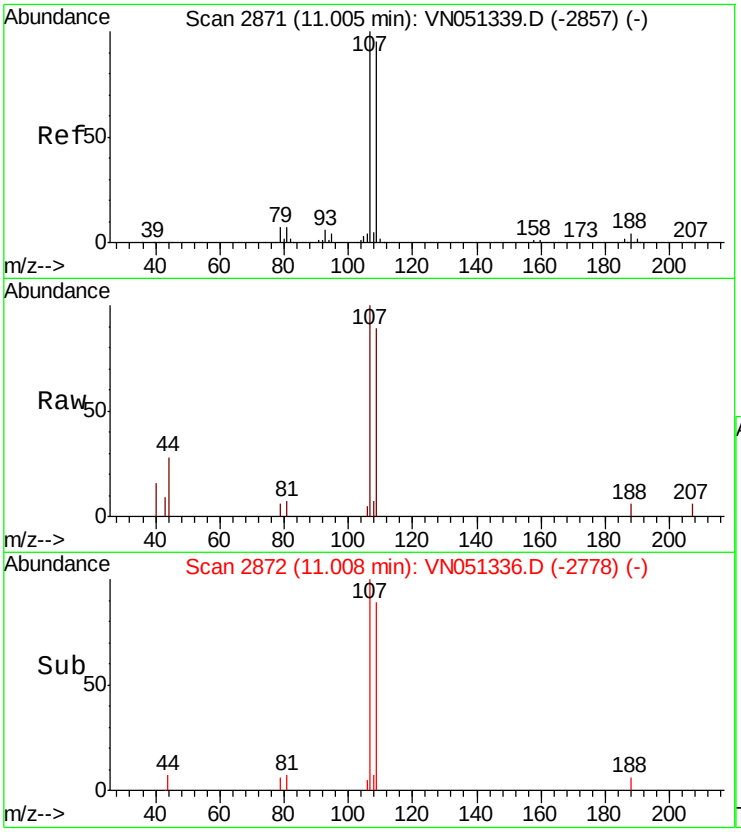




#60
Dibromochloromethane
Concen: 0.96 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:129 Resp: 6847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 74.3 | 38.6 | 115.8 |



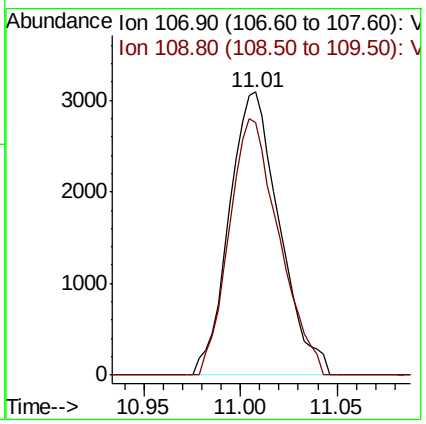


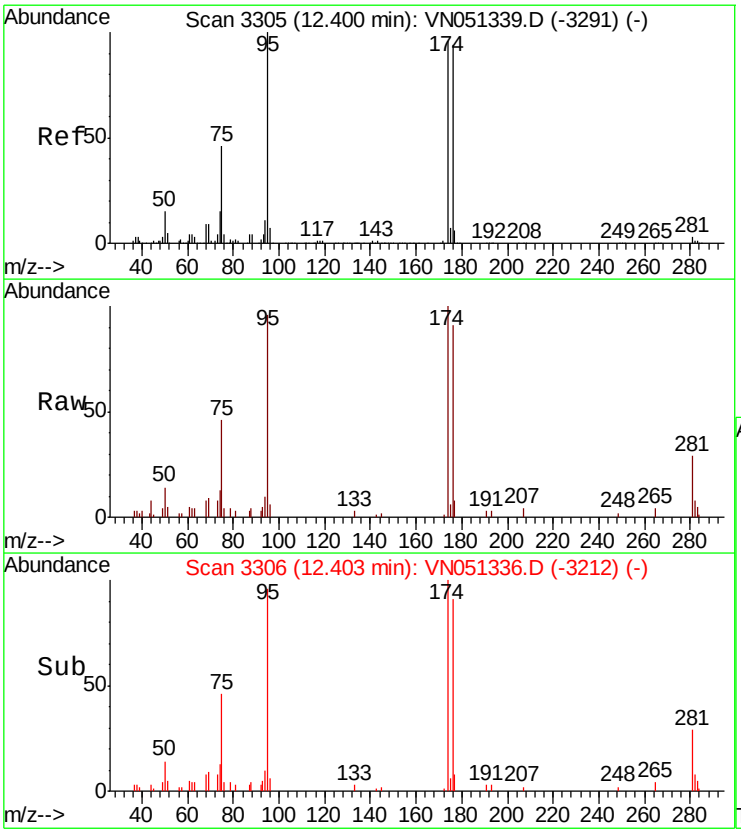

#61
1,2-Dibromoethane
Concen: 0.95 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:107 Resp: 5575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 89.7 | 75.8 | 113.6 |

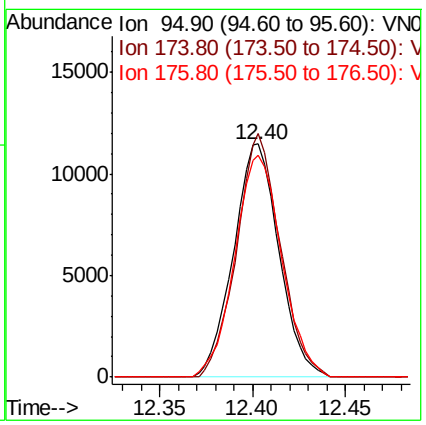


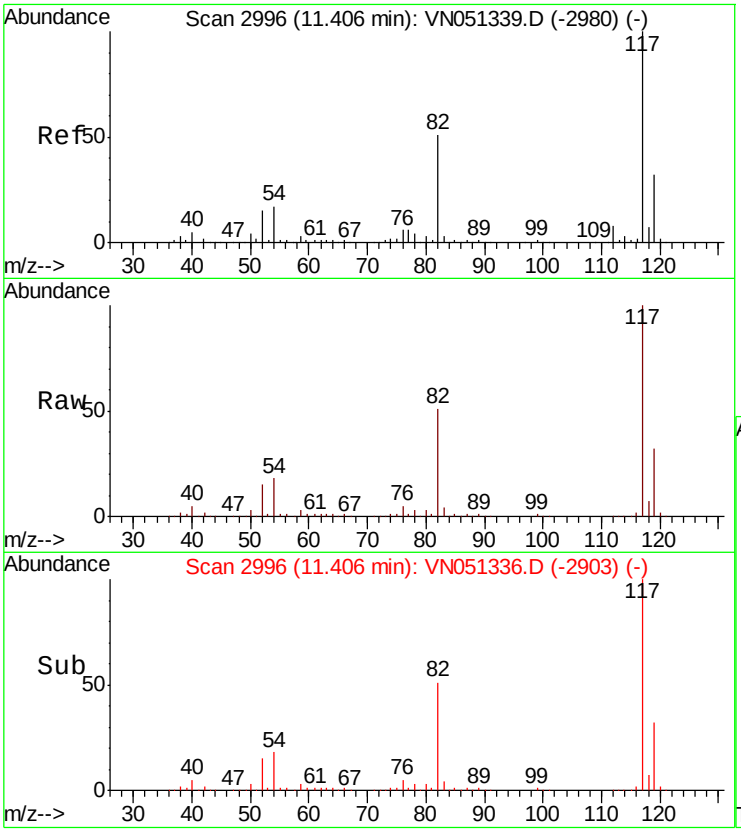




#62
4-Bromofluorobenzene
Concen: 2.25 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 95 Resp: 19522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 100.0 | 0.0 | 194.6 |
| 176 | 98.3 | 0.0 | 189.6 |



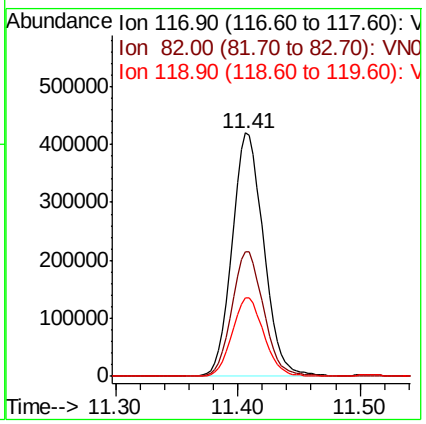


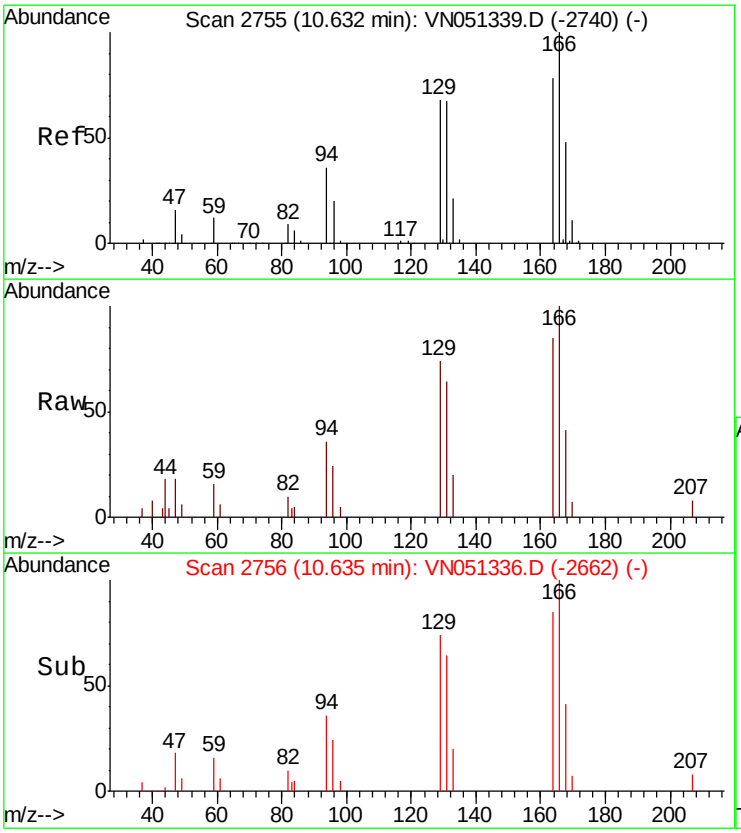

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:117 Resp: 752900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.3 | 40.7 | 61.1 |
| 119 | 32.3 | 25.3 | 37.9 |

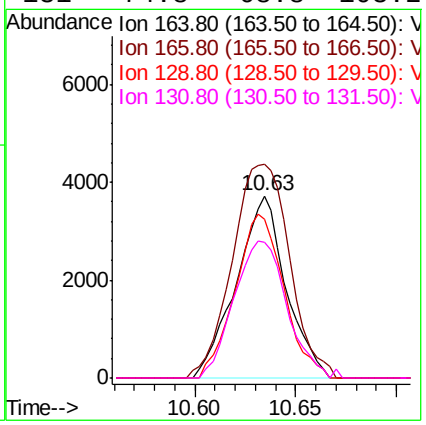


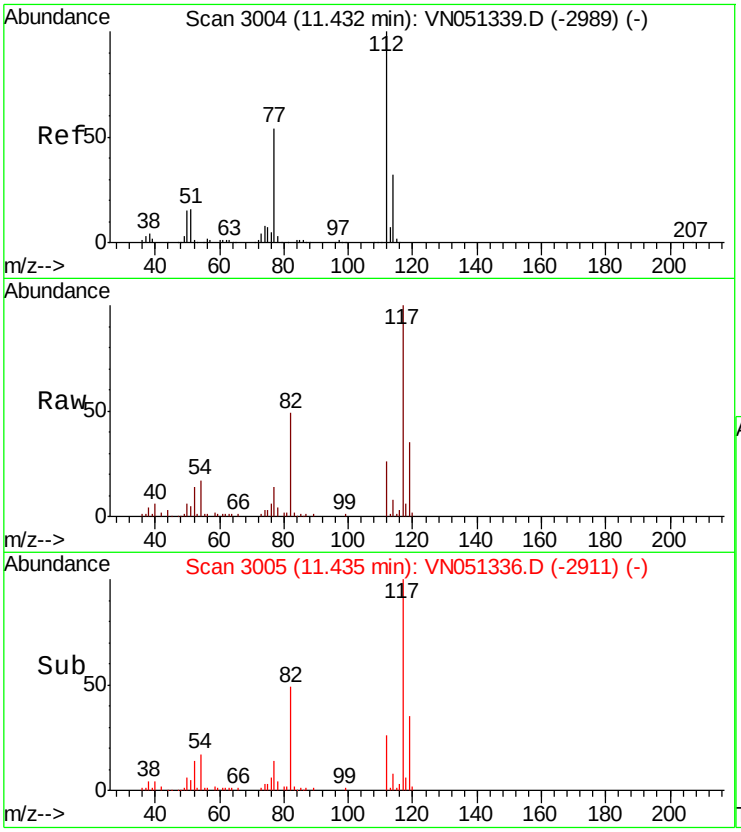




#64
Tetrachloroethene
Concen: 0.98 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:164 Resp: 6405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 117.3 | 102.1 | 153.1 |
| 129 | 86.9 | 69.4 | 104.2 |
| 131 | 74.8 | 68.8 | 103.2 |



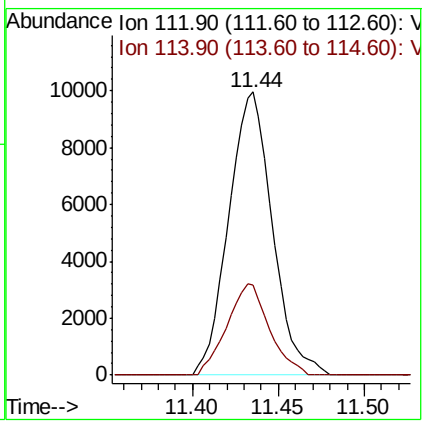


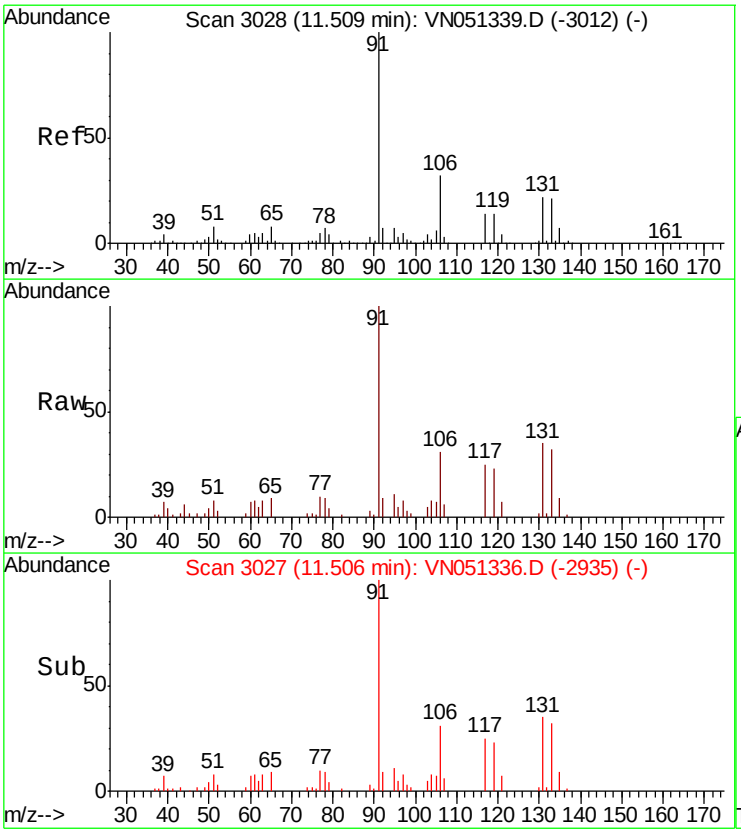

#65
Chlorobenzene
Concen: 0.98 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:112 Resp: 17613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.0 | 25.5 | 38.3 |

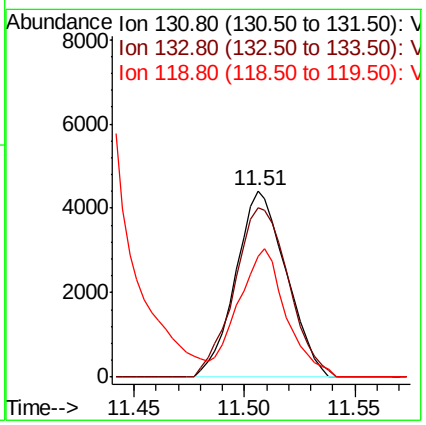


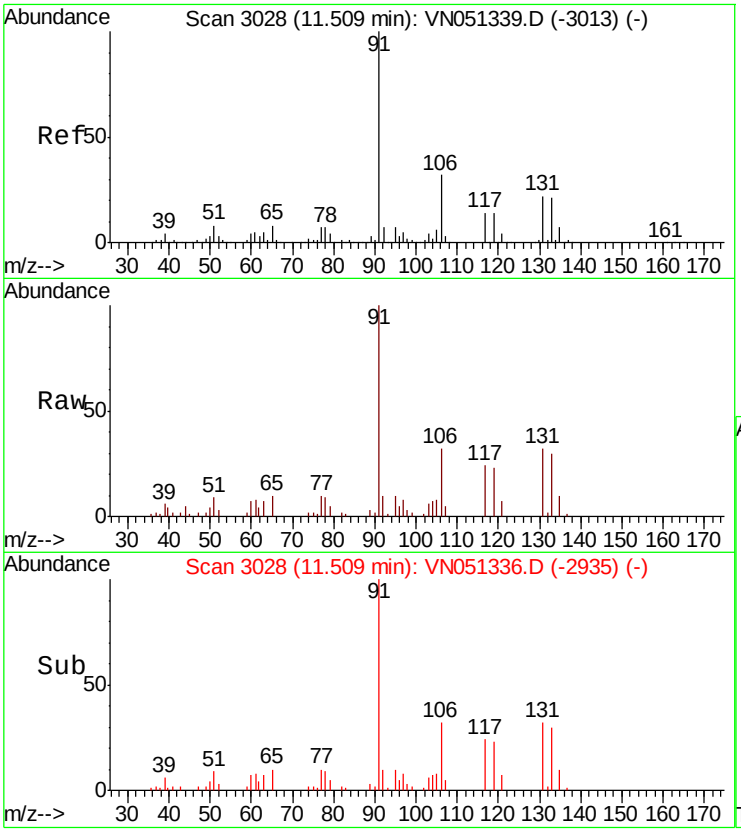




#66
1,1,1,2-Tetrachloroethane
Concen: 1.02 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:131 Resp: 7017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 97.6 | 47.4 | 142.2 |
| 119 | 0.0 | 32.6 | 97.7# |



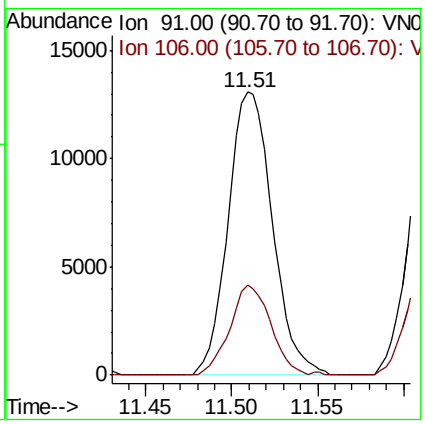


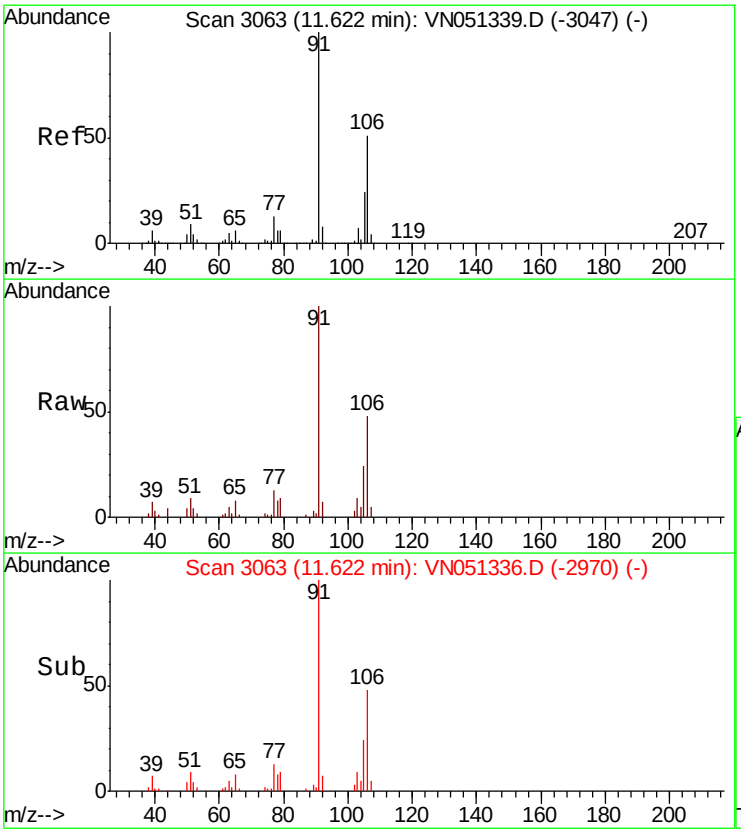

#67
Ethyl Benzene
Concen: 0.84 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 91 Resp: 23513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.9 | 25.8 | 38.8 |

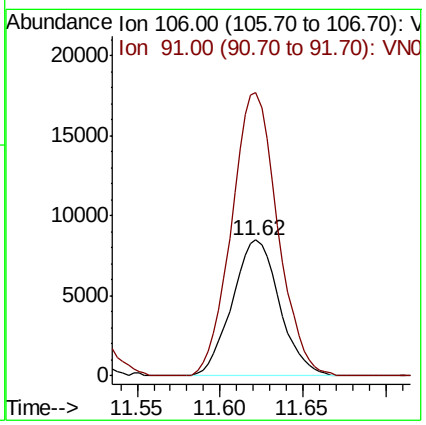


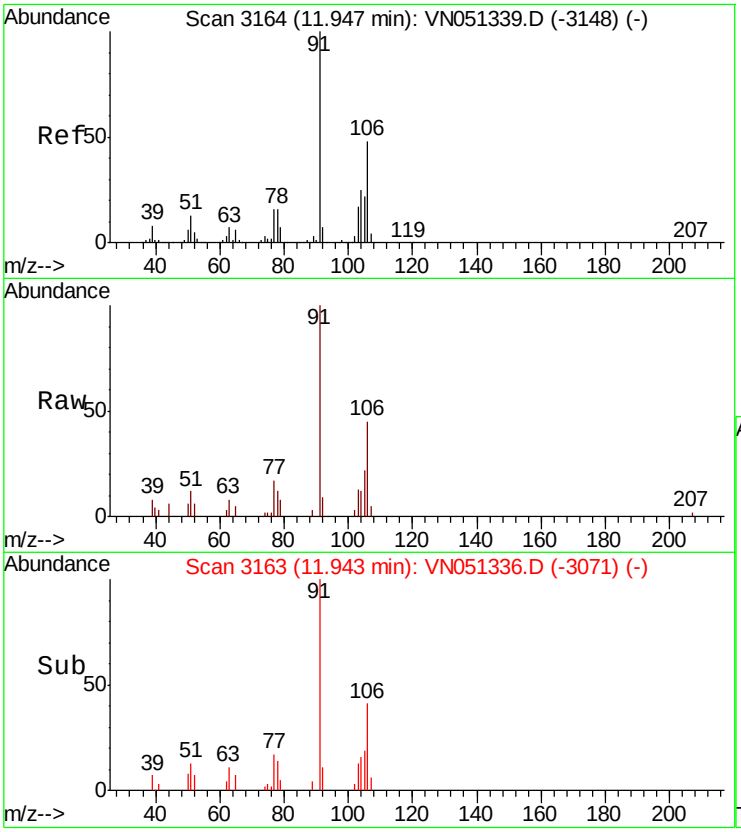




#68
m/p-Xylenes
Concen: 1.53 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:106 Resp: 16922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.9 | 156.5 | 234.7 |



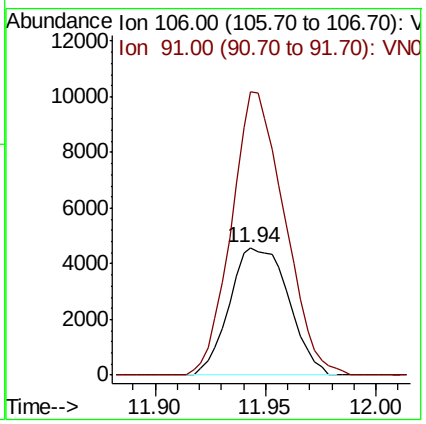


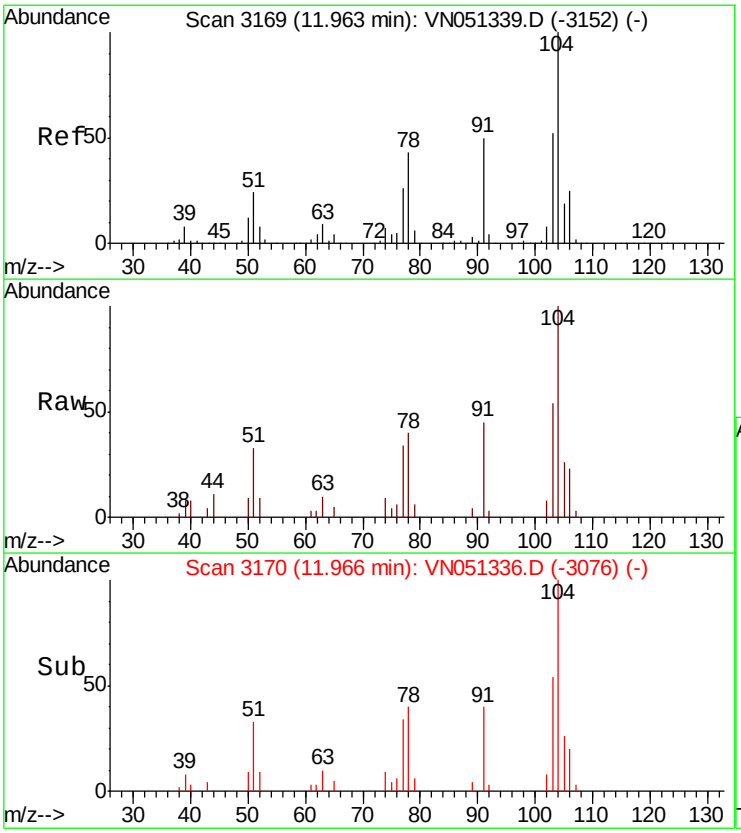

#69
o-Xylene
Concen: 0.79 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:106 Resp: 8445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.0 | 104.6 | 313.7 |

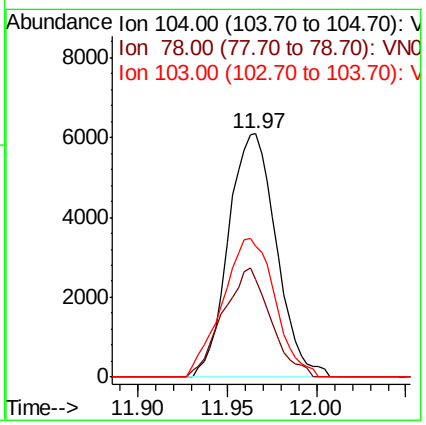


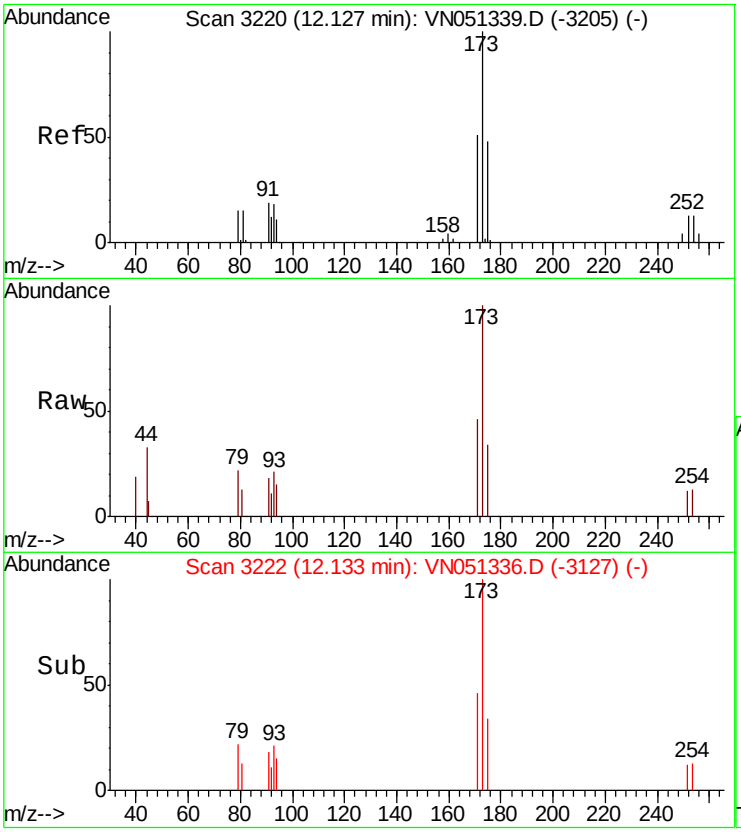




#70
Styrene
Concen: 0.69 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:104 Resp: 11406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 44.6 | 37.8 | 56.6 |
| 103 | 62.6 | 44.3 | 66.5 |



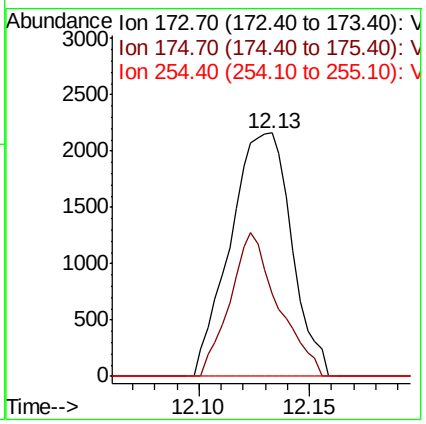


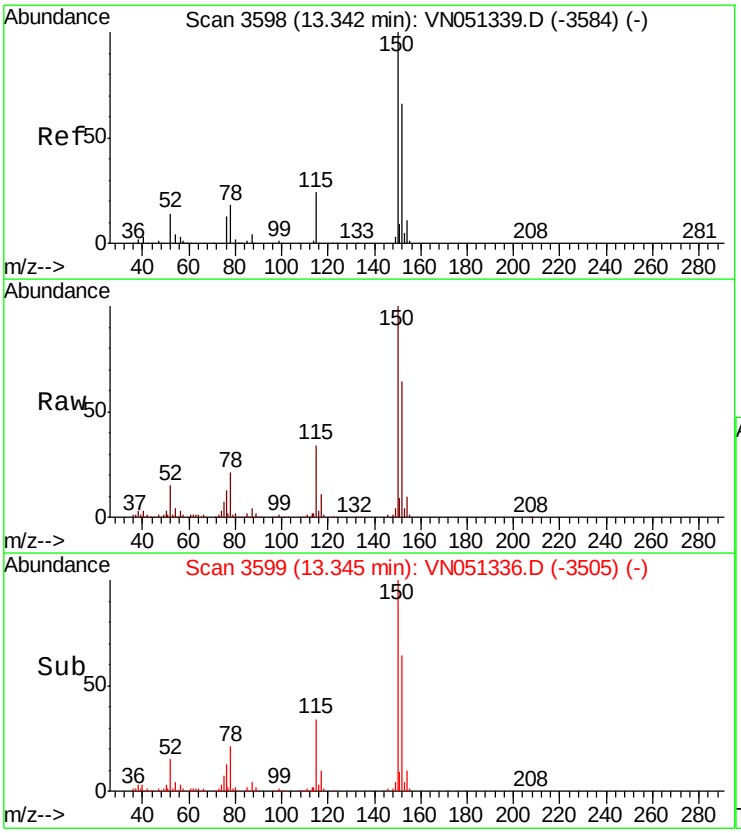

#71
Bromoform
Concen: 0.90 ug/l
RT: 12.13 min Scan# 3222
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:173 Resp: 4168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 46.1 | 24.3 | 73.0 |
| 254 | 0.0 | 0.1 | 0.1# |

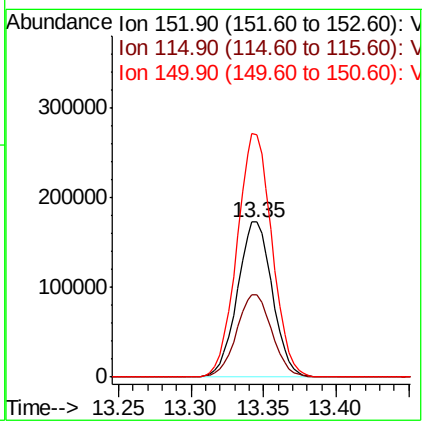


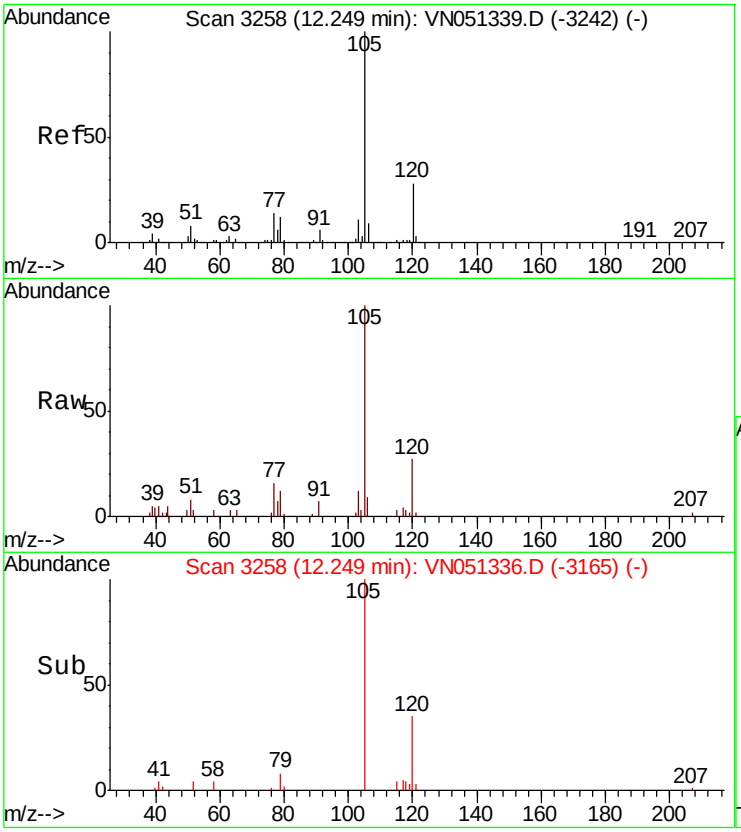




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:152 Resp: 290052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.6 | 26.9 | 80.7 |
| 150 | 157.2 | 0.0 | 345.0 |



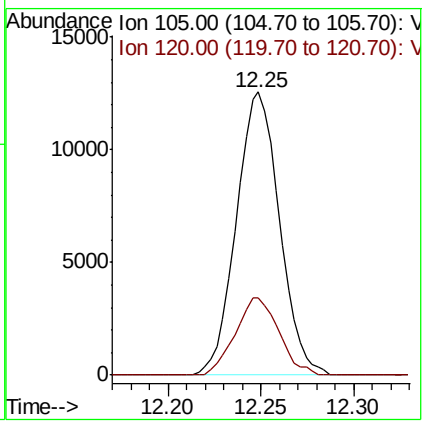


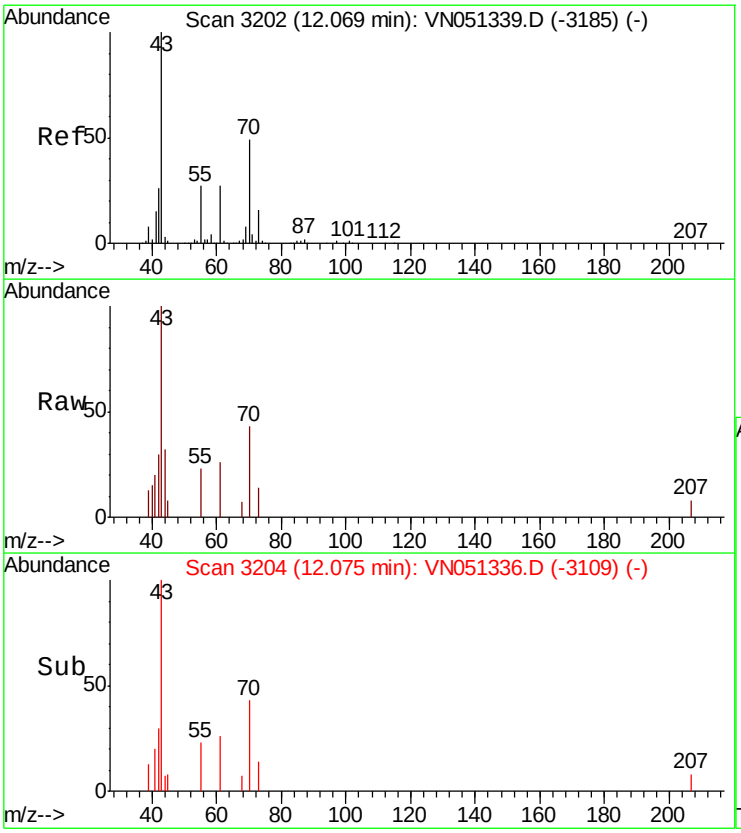

#73
Isopropylbenzene
Concen: 0.95 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:105 Resp: 20262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.6 | 13.9 | 41.6 |

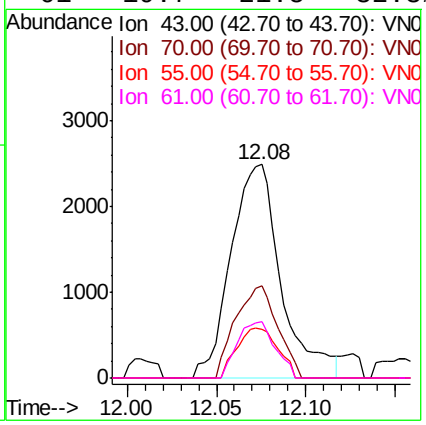


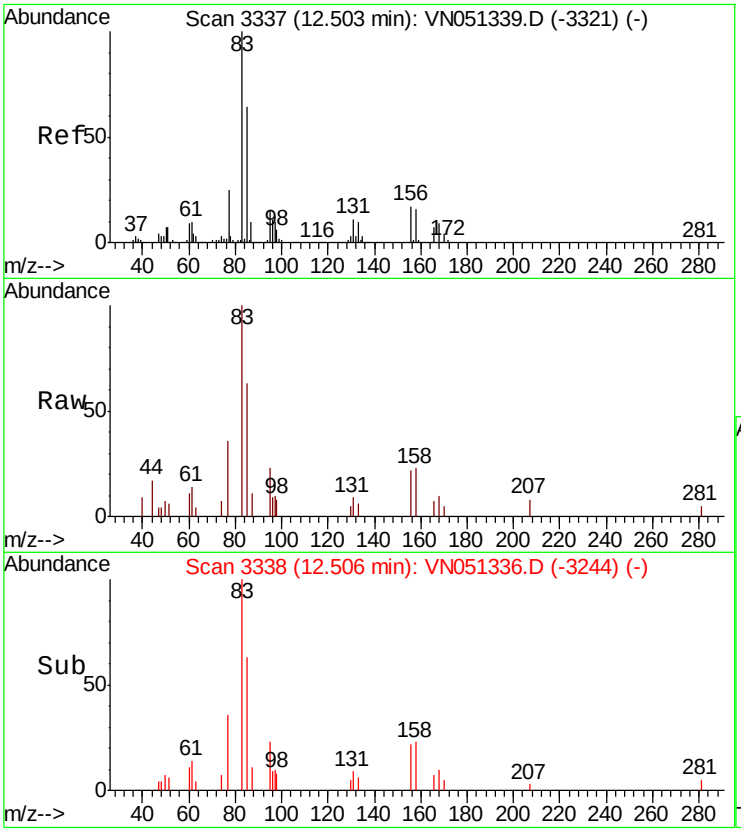




#74
N-amyl acetate
Concen: 1.08 ug/l
RT: 12.08 min Scan# 3204
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 43 Resp: 4900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 36.0 | 39.5 | 59.3# |
| 55 | 19.0 | 22.6 | 34.0# |
| 61 | 19.7 | 21.5 | 32.3# |



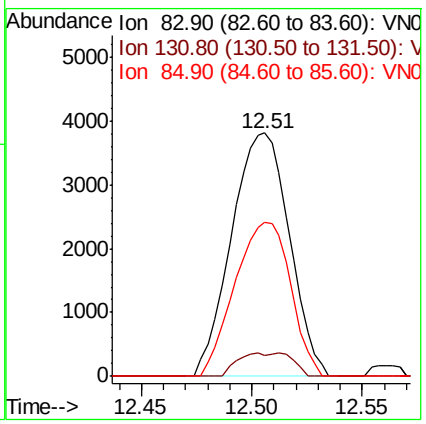


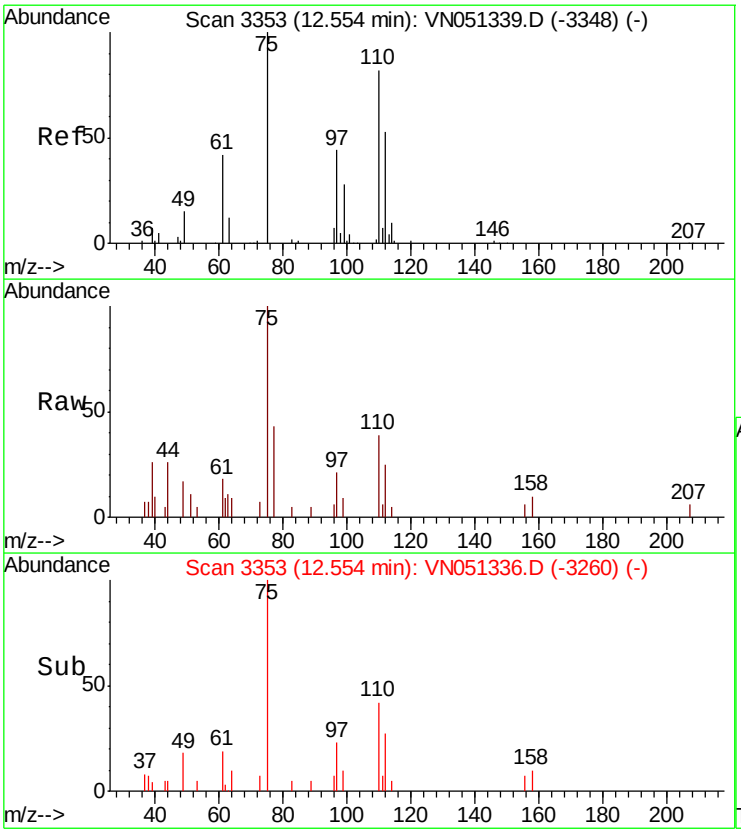

#75
1,1,2,2-Tetrachloroethane
Concen: 1.32 ug/l
RT: 12.51 min Scan# 3338
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 83 Resp: 6917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 4.9 | 5.5 | 16.7# |
| 85 | 60.9 | 32.3 | 96.9 |

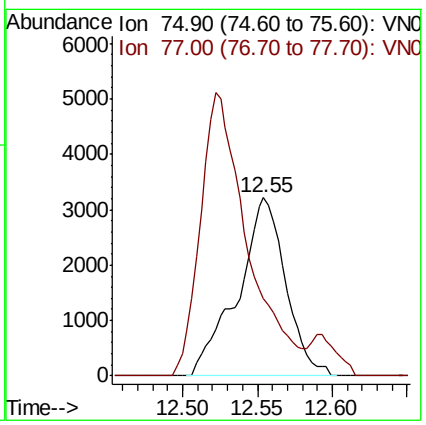


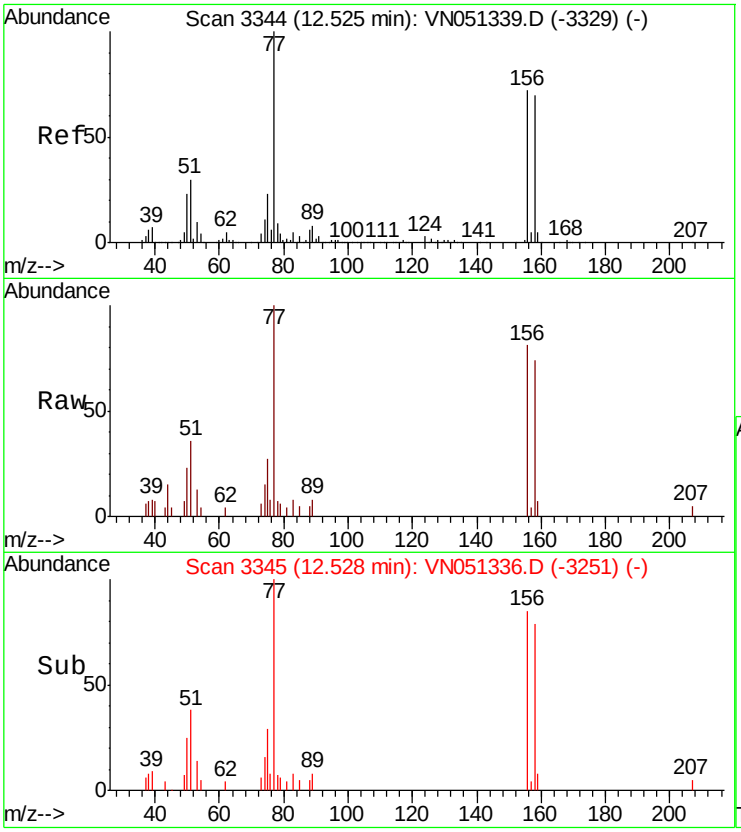




#76
1,2,3-Trichloropropane
Concen: 1.71 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 75 Resp: 7172

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



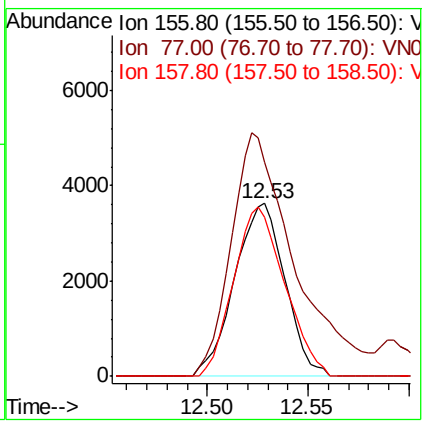


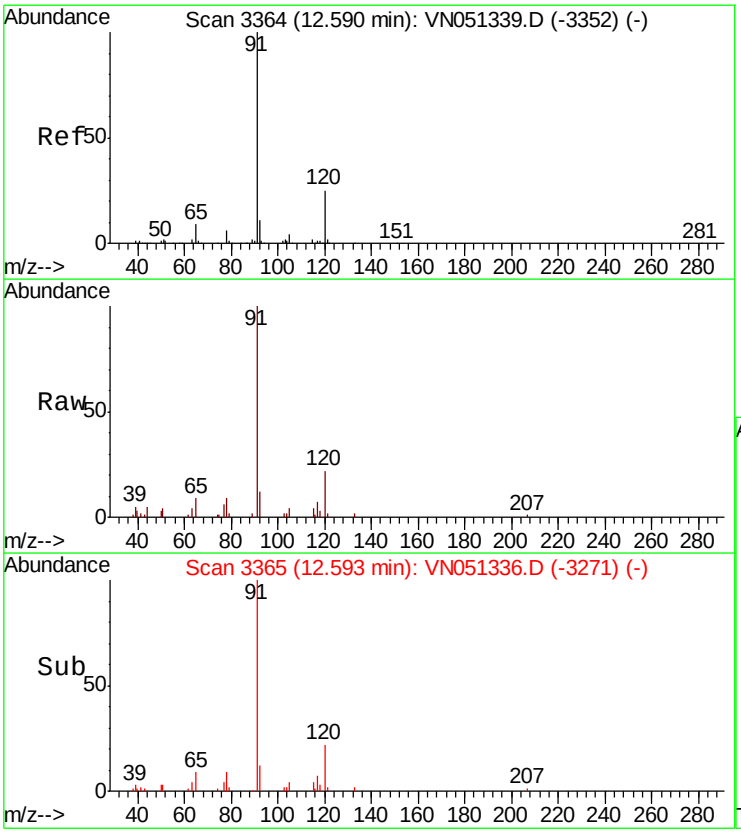

#77
Bromobenzene
Concen: 1.08 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:156 Resp: 6351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 176.1 | 80.8 | 242.4 |
| 158 | 99.6 | 48.8 | 146.3 |

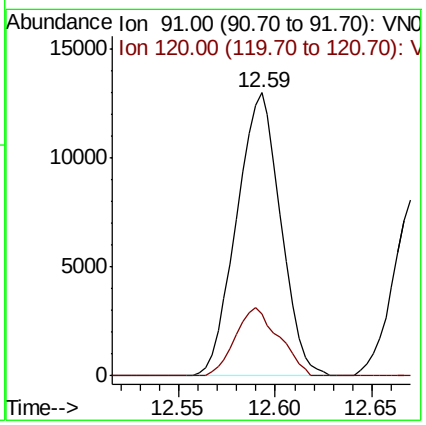


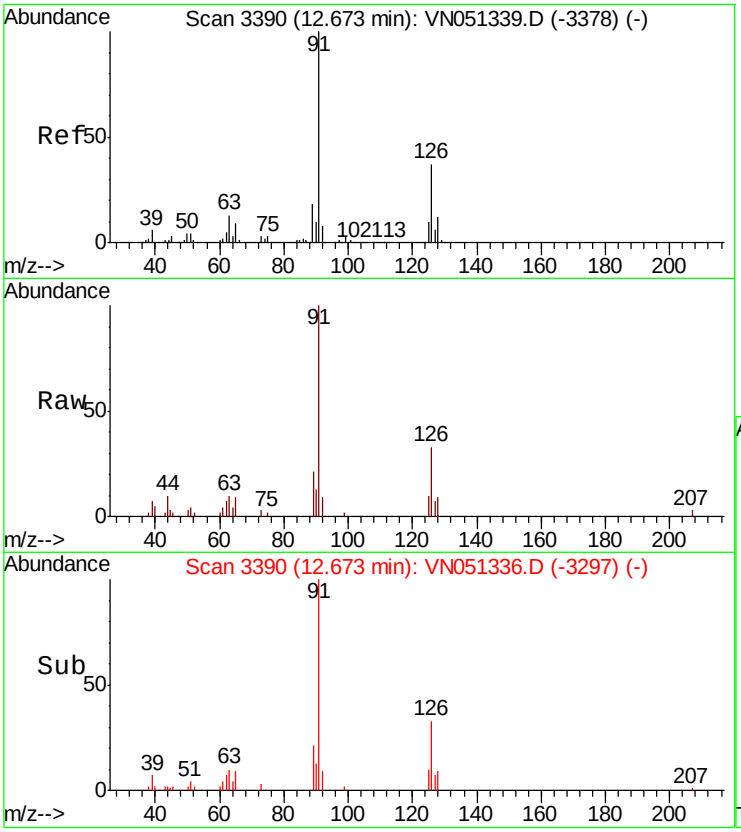




#78
n-propylbenzene
Concen: 0.89 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 91 Resp: 20552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.7 | 12.4 | 37.2 |



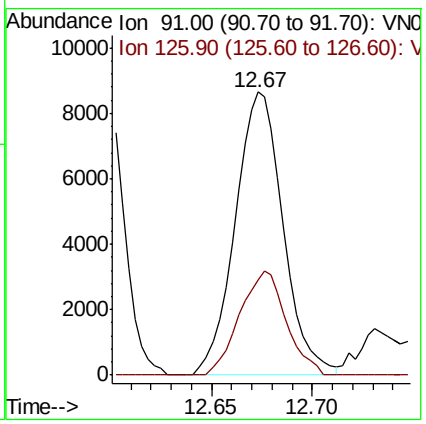


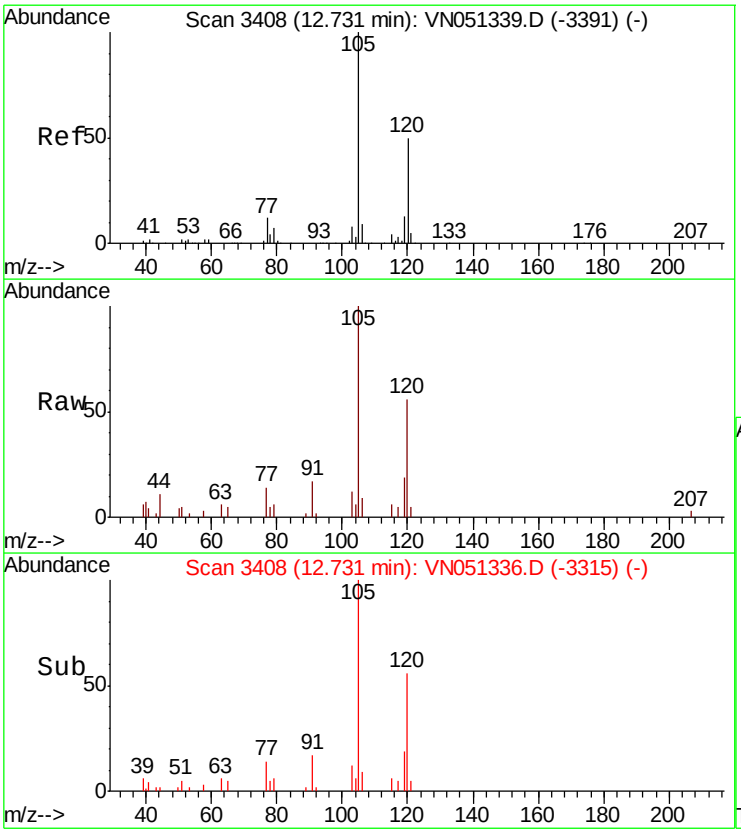

#79
2-Chlorotoluene
Concen: 1.01 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 91 Resp: 14398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.6 | 18.6 | 55.8 |

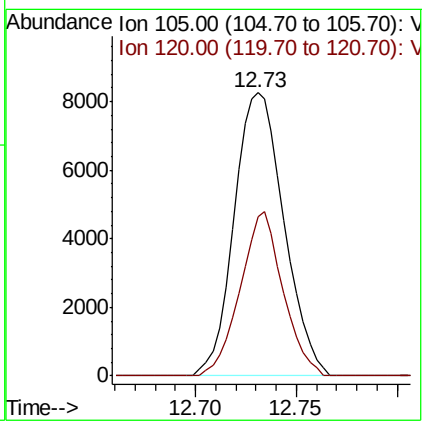


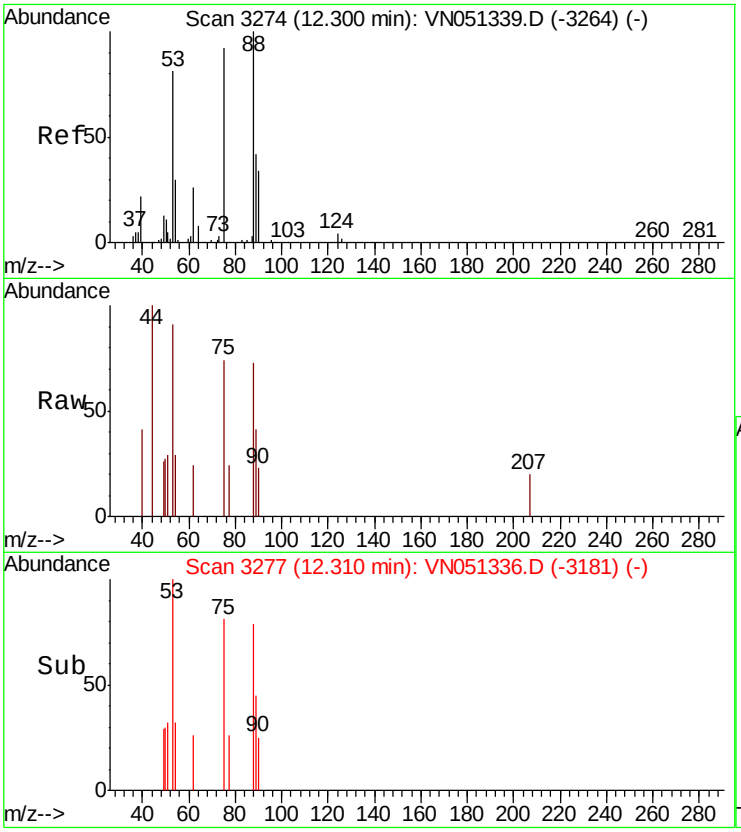




#80
1,3,5-Trimethylbenzene
Concen: 0.83 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:105 Resp: 14259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.8 | 25.2 | 75.6 |



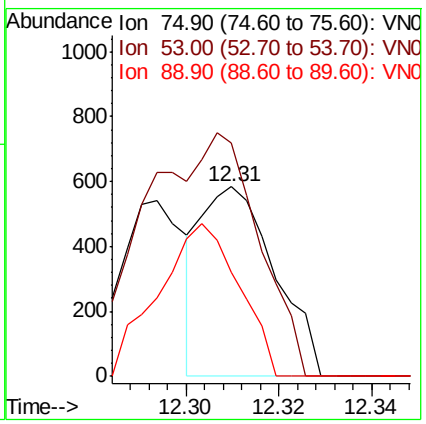


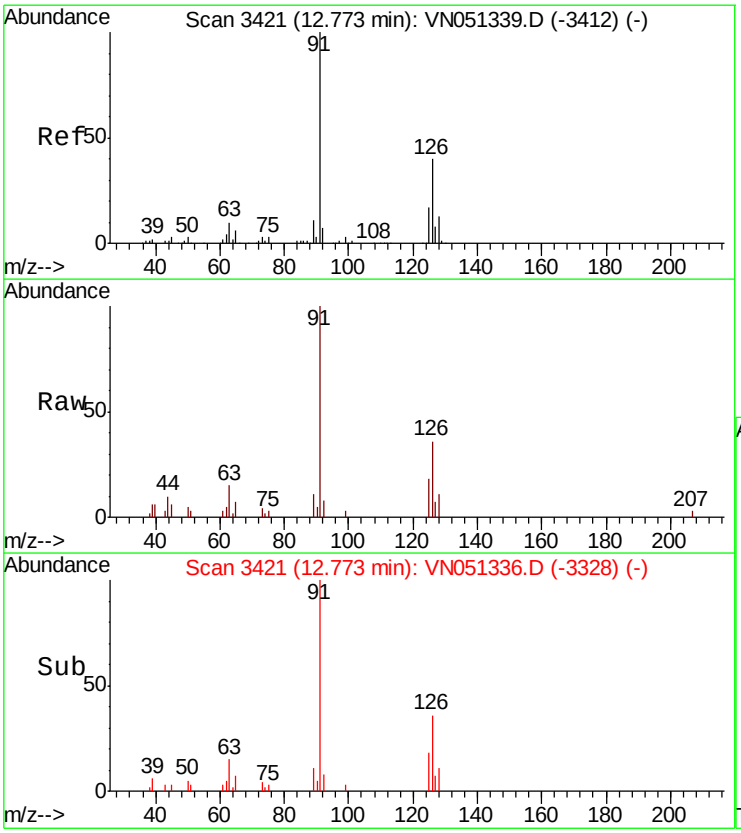

#81
trans-1,4-Dichloro-2-butene
Concen: 0.53 ug/l
RT: 12.31 min Scan# 3277
Delta R.T. 0.01 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 75 Resp: 640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 197.0 | 69.9 | 104.9# |
| 89 | 93.0 | 37.9 | 56.9# |

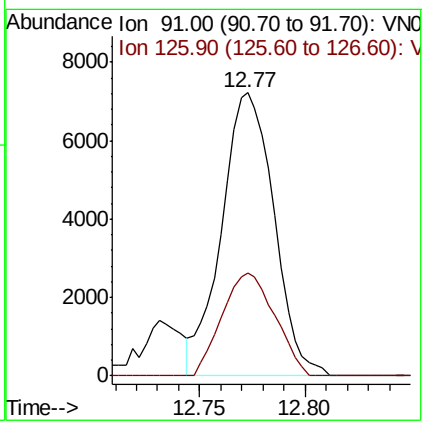


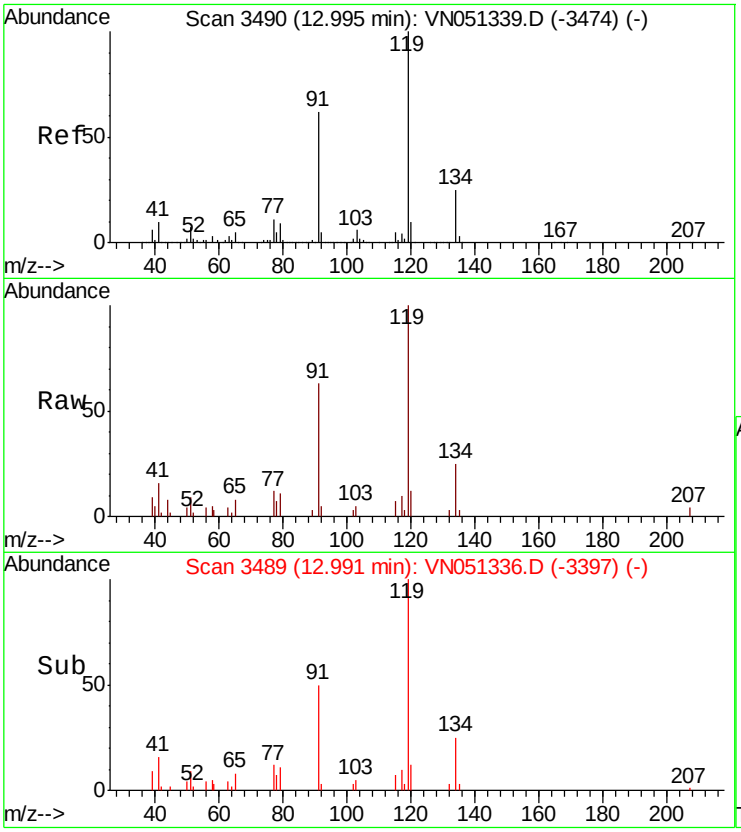




#82
4-Chlorotoluene
Concen: 0.90 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 91 Resp: 12505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.5 | 18.3 | 54.9 |



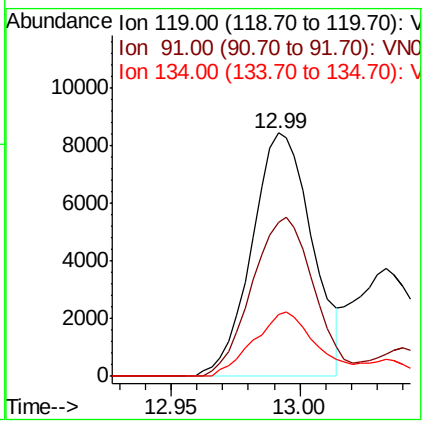


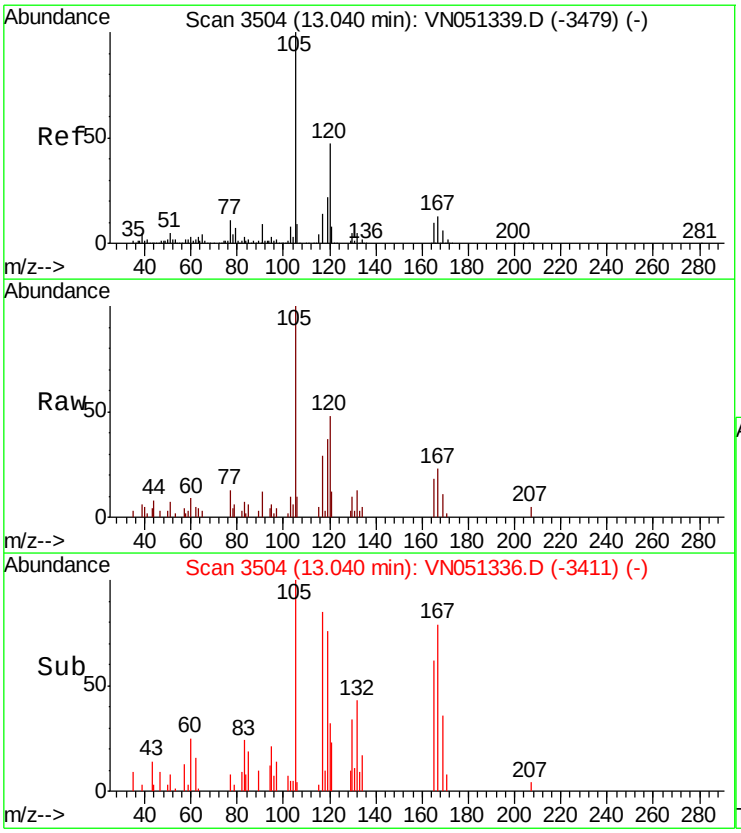

#83
tert-Butylbenzene
Concen: 0.89 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:119 Resp: 13749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 67.2 | 30.6 | 91.8 |
| 134 | 27.2 | 12.6 | 37.6 |

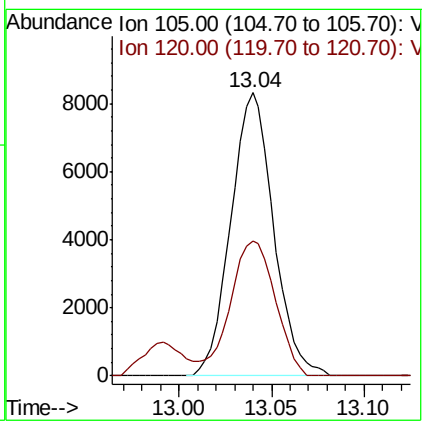


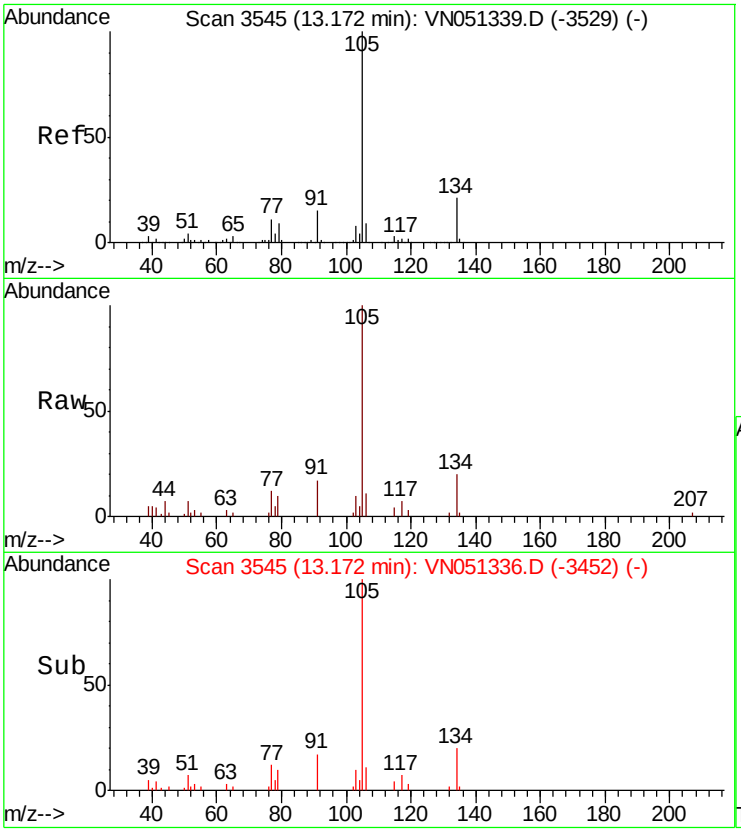




#84
1,2,4-Trimethylbenzene
Concen: 0.78 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:105 Resp: 13265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.2 | 23.5 | 70.6 |



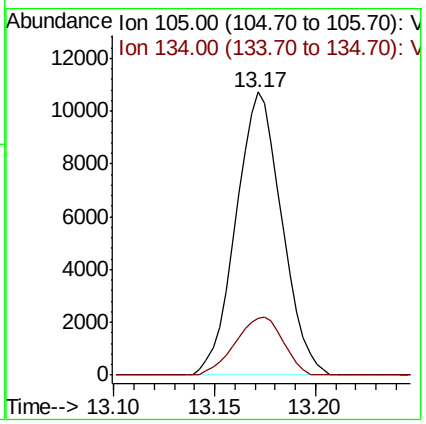


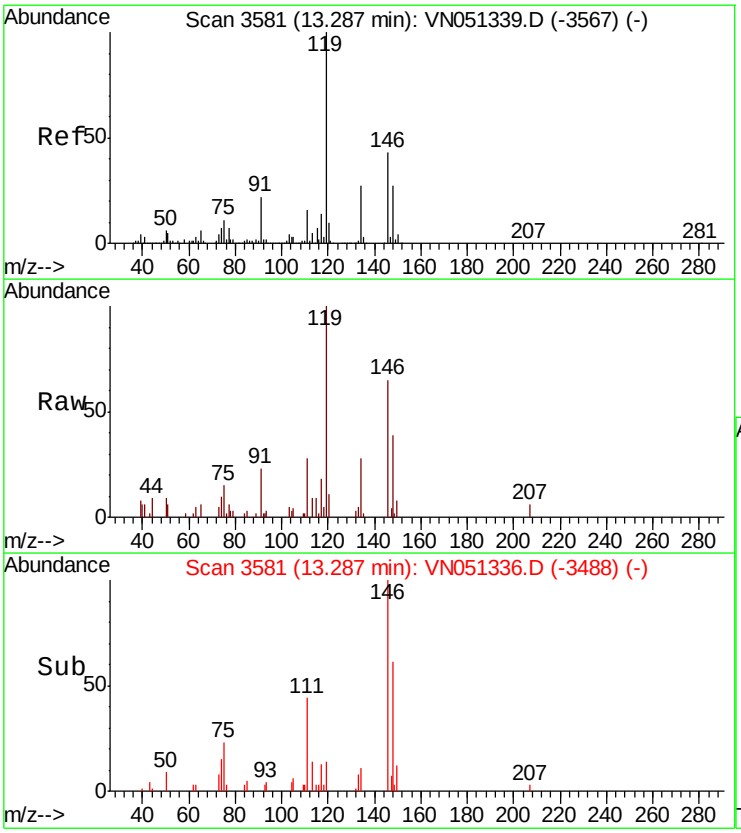

#85
sec-Butylbenzene
Concen: 0.83 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:105 Resp: 17064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.3 | 10.8 | 32.3 |

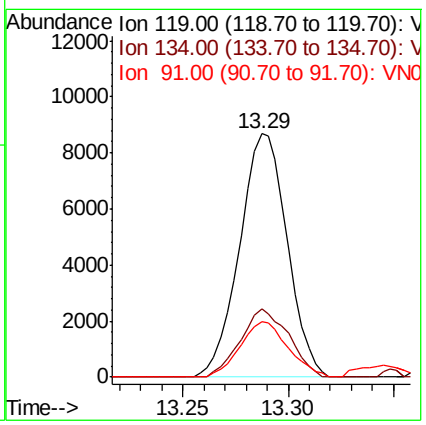


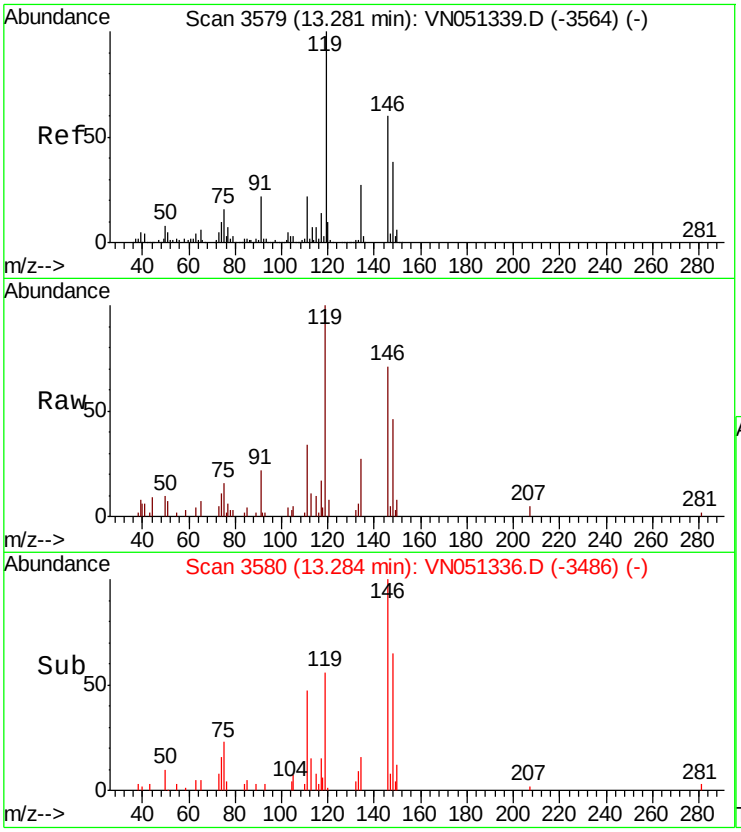




#86
p-Isopropyltoluene
Concen: 0.76 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:119 Resp: 13605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 28.2 | 13.7 | 41.0 |
| 91 | 23.0 | 10.8 | 32.3 |



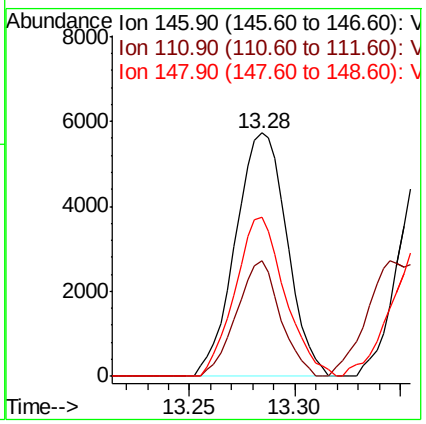


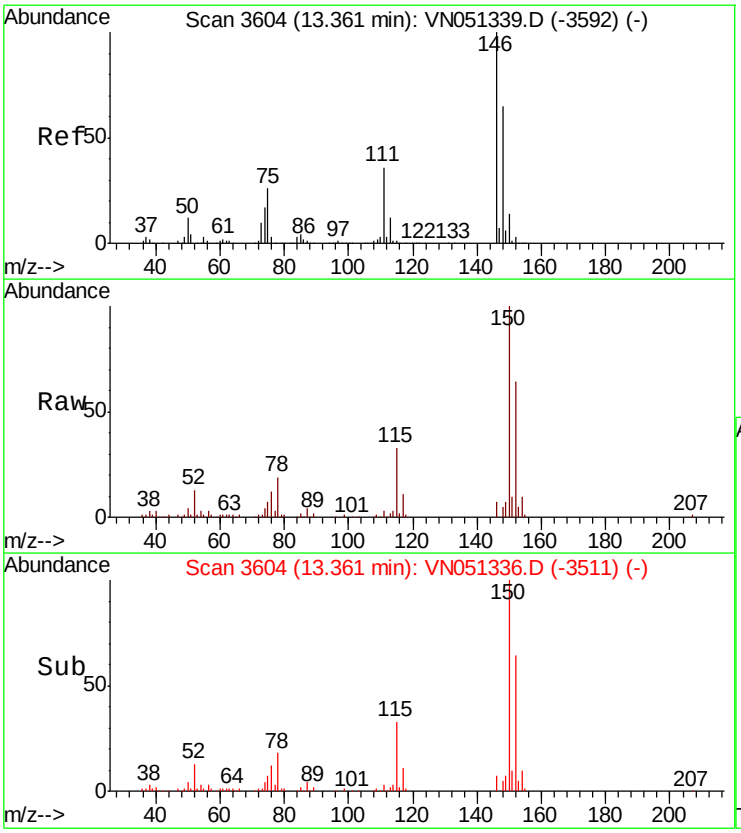

#87
1,3-Dichlorobenzene
Concen: 0.98 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:146 Resp: 9722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.4 | 18.6 | 55.8 |
| 148 | 63.1 | 31.9 | 95.7 |

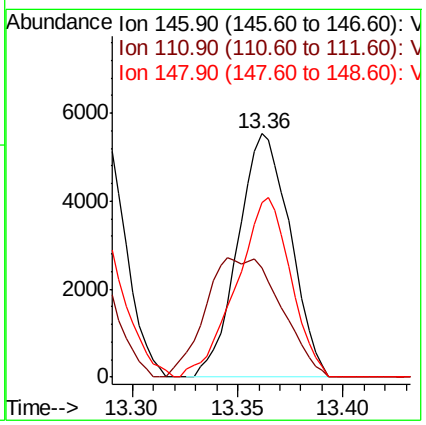


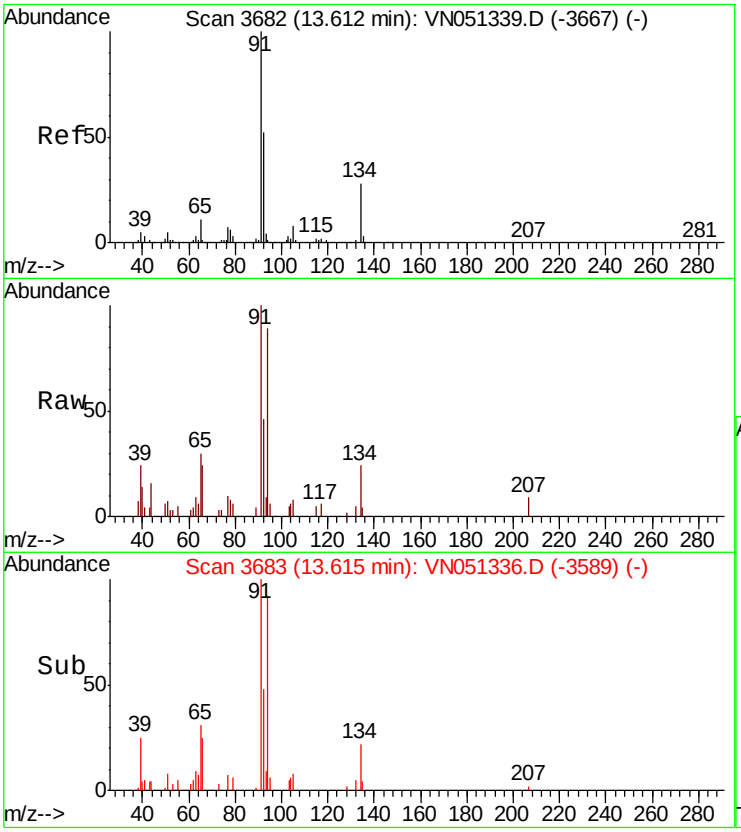




#88
1,4-Dichlorobenzene
Concen: 1.00 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:146 Resp: 9539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 35.3 | 18.2 | 54.6 |
| 148 | 76.3 | 32.5 | 97.4 |



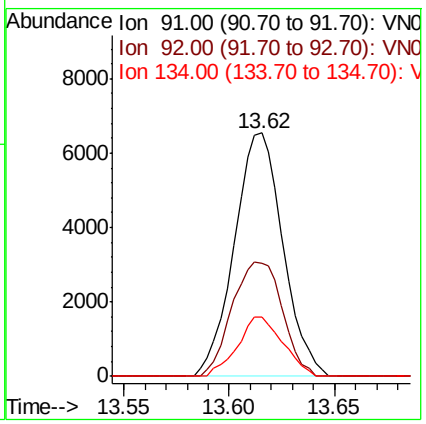


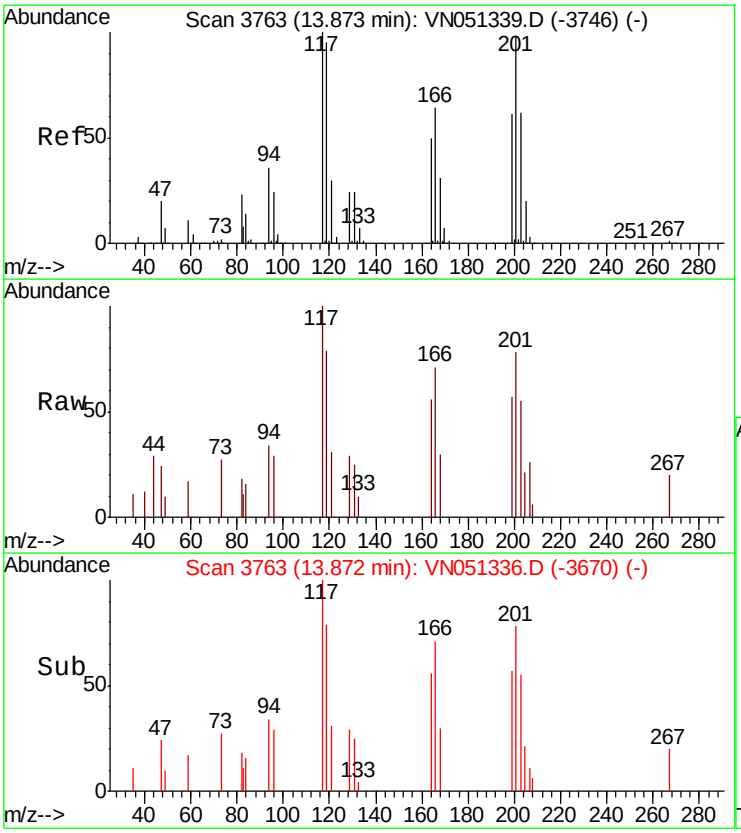

#89
n-Butylbenzene
Concen: 0.75 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion: 91 Resp: 10476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 48.4 | 26.0 | 78.0 |
| 134 | 22.7 | 14.1 | 42.4 |

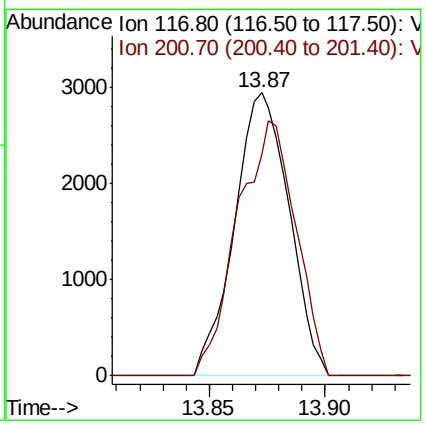


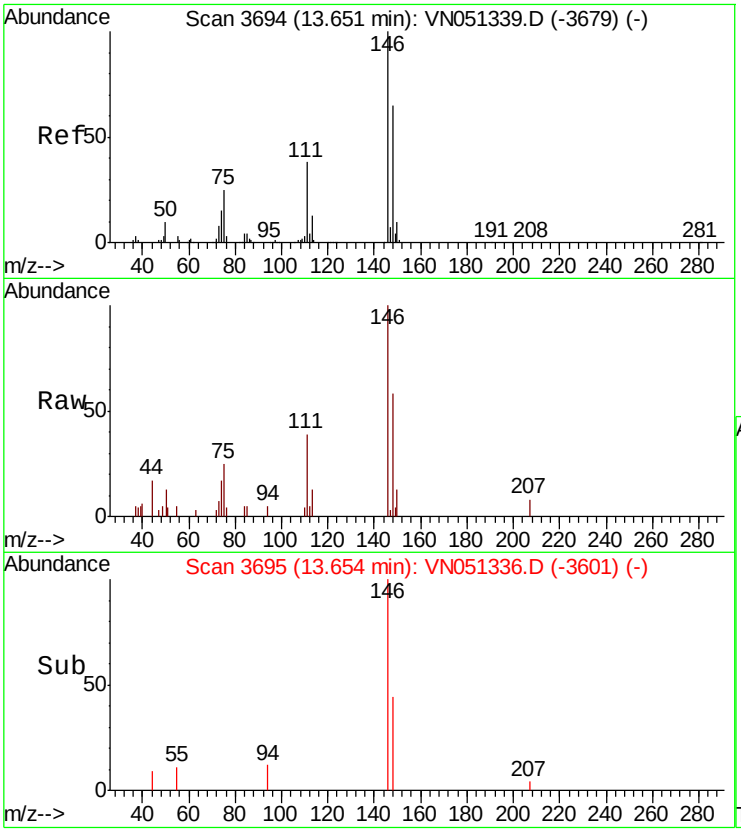




#90
Hexachloroethane
Concen: 1.26 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:117 Resp: 4811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 96.1 | 49.5 | 148.3 |



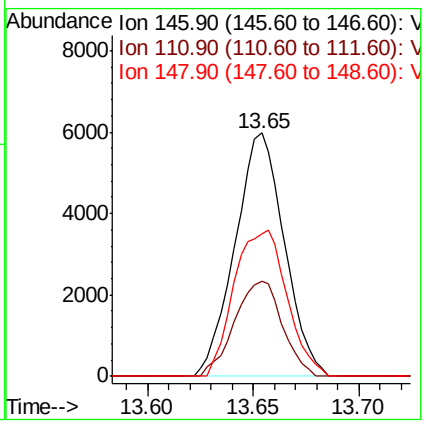


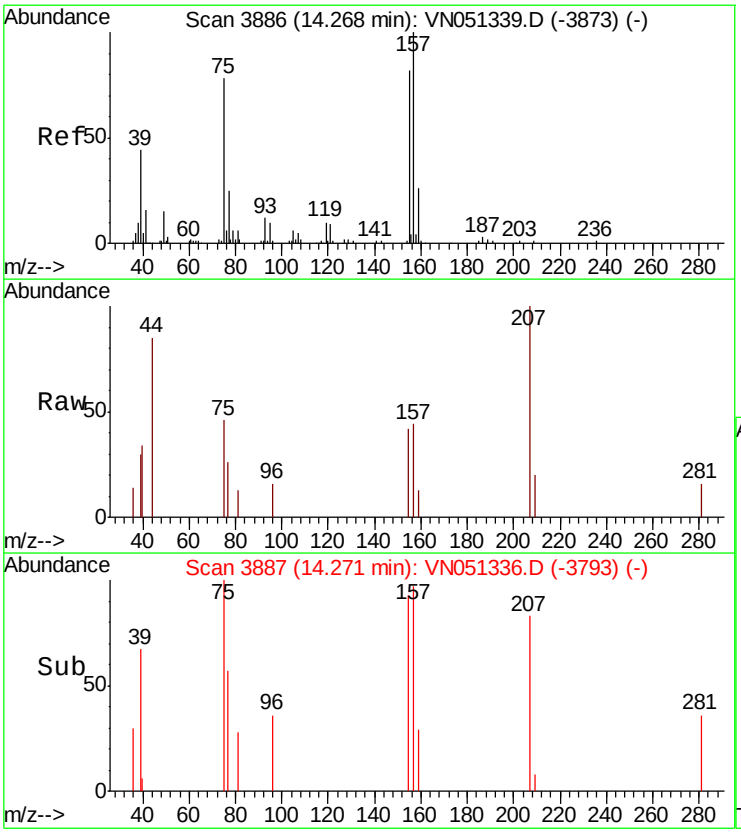

#91
1,2-Dichlorobenzene
Concen: 1.02 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:146 Resp: 9712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.0 | 19.3 | 57.8 |
| 148 | 64.0 | 32.9 | 98.7 |

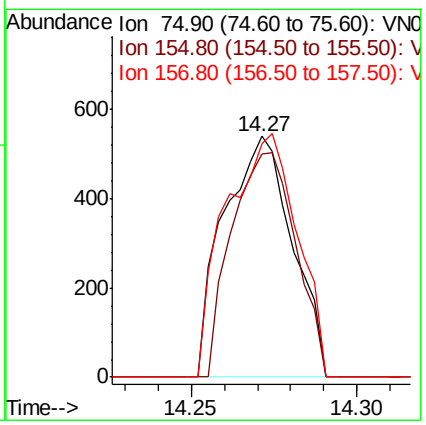


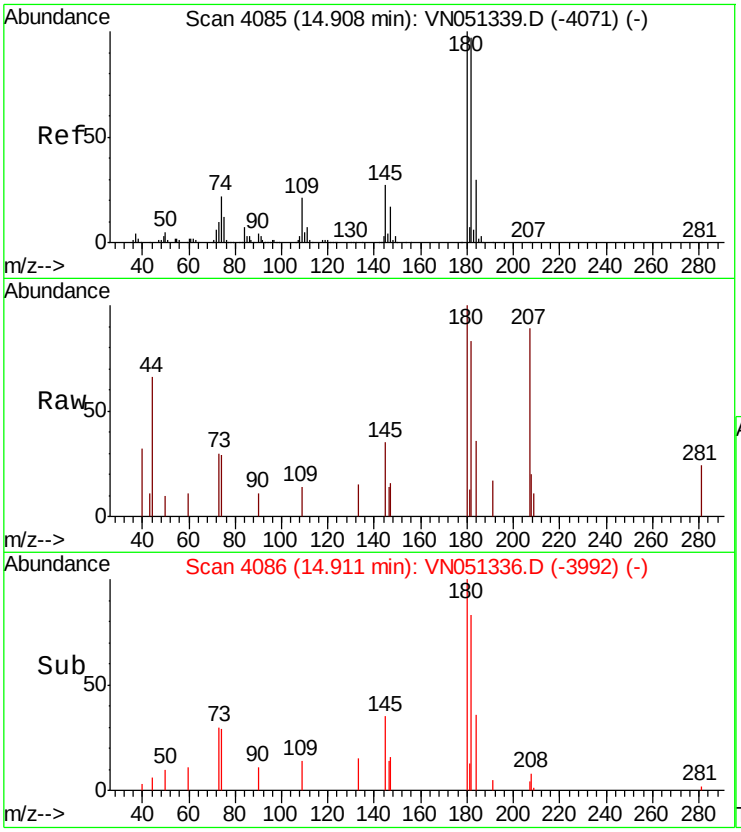




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.11 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion: 75 Resp: 772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 87.3 | 51.4 | 154.2 |
| 157 | 105.4 | 65.4 | 196.2 |



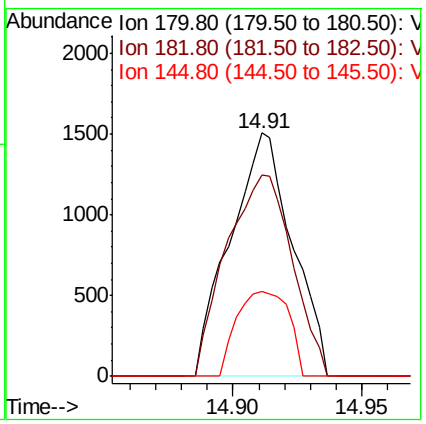


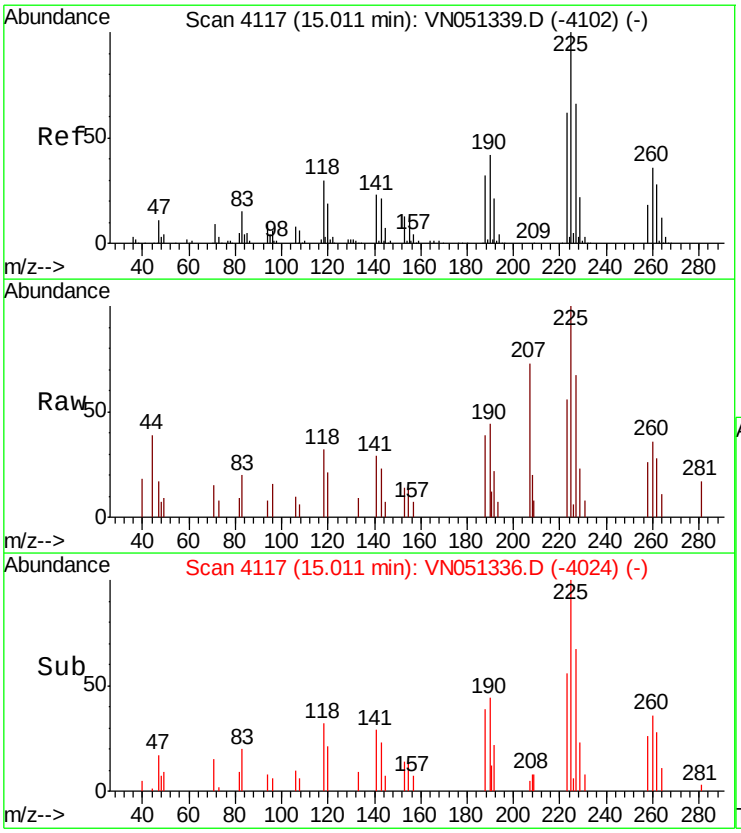

#93
1,2,4-Trichlorobenzene
Concen: 0.58 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:180 Resp: 2527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 87.8 | 48.4 | 145.2 |
| 145 | 29.3 | 13.7 | 41.1 |

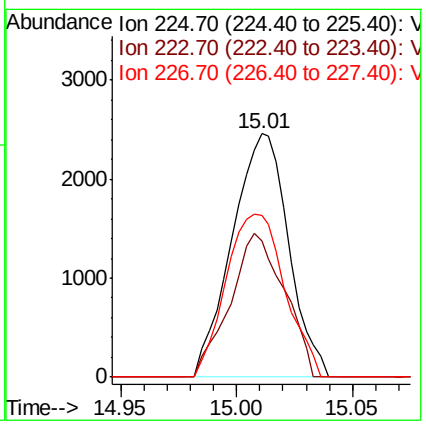


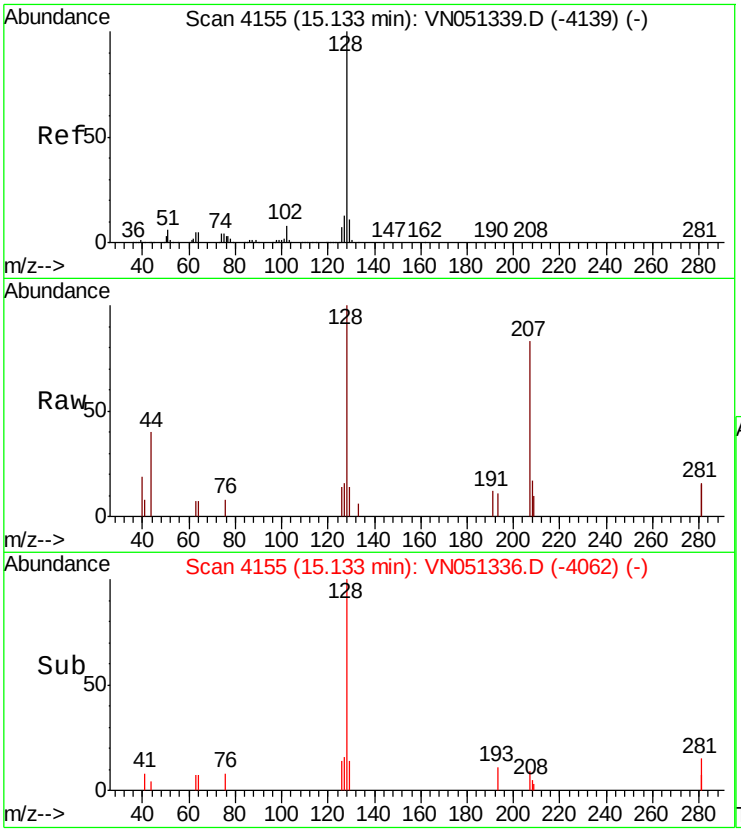




#94
Hexachlorobutadiene
Concen: 1.12 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:225 Resp: 4153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 56.7 | 31.2 | 93.6 |
| 227 | 69.8 | 32.8 | 98.4 |



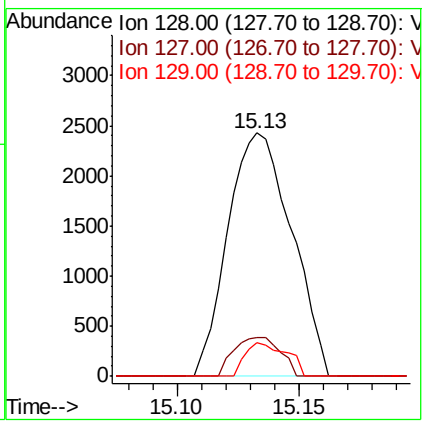


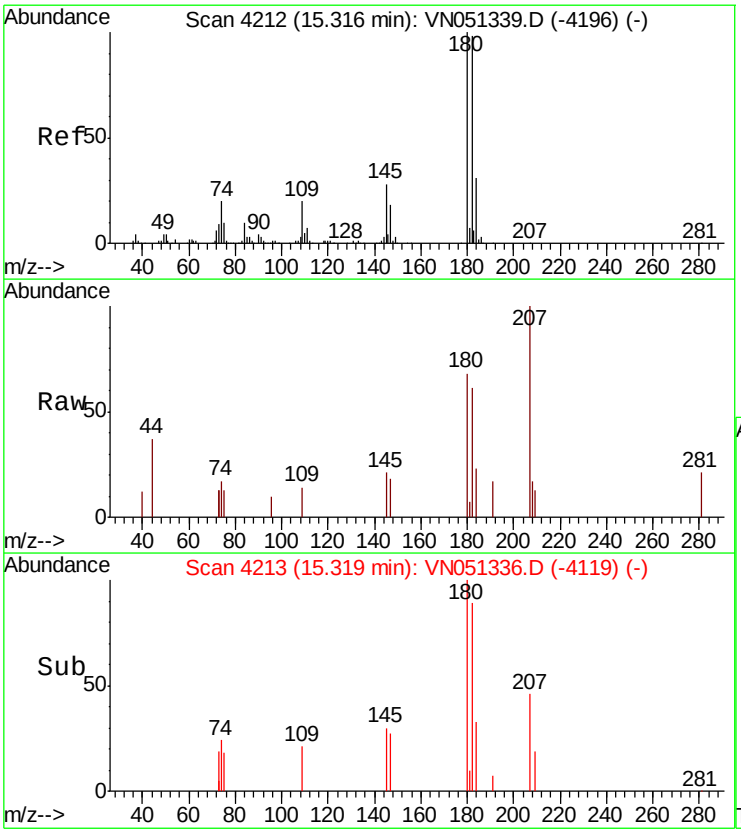

#95
Naphthalene
Concen: 0.57 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

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

Tgt Ion:128 Resp: 4408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 11.7 | 10.3 | 15.5 |
| 129 | 8.9 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 0.65 ug/l
RT: 15.32 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN051336.D
Acq: 20 Sep 2018 13:28

Tgt Ion:180 Resp: 2807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 105.2 | 48.1 | 144.3 |
| 145 | 32.5 | 14.3 | 42.9 |