Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053032.D
Acq On : 20 Dec 2018 1:30
Operator : MD\SY
Sample : J6411-05
Misc : 5.48g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 39 Sample Multiplier: 28

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

Quant Time: Dec 20 05:29:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 1397163 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 2130094 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 1992032 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 867902 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 661874 | 46.68 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.36% | | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 543214 | 55.83 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 111.66% | | | | |
| 50) Toluene-d8 | 10.09 | 98 | 2719924 | 52.07 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.14% | | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 1113225 | 60.71 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 121.42% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 16) Acetone | 3.82 | 43 | 2873 | 1.033 | ug/l | # | 86 |
| 18) Methyl Acetate | 4.34 | 43 | 4089 | 1.310 | ug/l | # | 67 |
| 20) Methylene Chloride | 4.55 | 84 | 4140 | 0.273 | ug/l | | 86 |
| 31) Cyclohexane | 7.66 | 56 | 34449 | 0.360 | ug/l | # | 1 |
| 36) 1,1-Dichloropropene | 7.67 | 75 | 89241 | 4.365 | ug/l | # | 48 |
| 38) Carbon Tetrachloride | 7.67 | 117 | 121146 | 6.465 | ug/l | # | 16 |
| 39) Methylcyclohexane | 9.08 | 83 | 113627 | 4.575 | ug/l | | 99 |
| 43) Isopropyl Acetate | 8.30 | 43 | 110056 | 4.022 | ug/l | # | 53 |
| 51) 4-Methyl-2-Pentanone | 10.09 | 43 | 39103 | 3.538 | ug/l | # | 80 |
| 55) 1,1,2-Trichloroethane | 10.53 | 97 | 193805 | 14.738 | ug/l | # | 19 |
| 56) Ethyl methacrylate | 10.43 | 69 | 84446 | 4.852 | ug/l | # | 14 |
| 59) 2-Hexanone | 10.72 | 43 | 965225 | 129.070 | ug/l | # | 28 |
| 65) Chlorobenzene | 11.54 | 112 | 45280 | 1.025 | ug/l | # | 43 |
| 67) Ethyl Benzene | 11.51 | 91 | 297712 | 3.920 | ug/l | | 98 |
| 68) m/p-Xylenes | 11.63 | 106 | 721919 | 25.007 | ug/l | | 98 |
| 71) Bromoform | 12.40 | 173 | 4647 | 0.419 | ug/l | # | 1 |
| 73) Isopropylbenzene | 12.25 | 105 | 2683930 | 39.524 | ug/l | | 100 |
| 74) N-amyl acetate | 12.05 | 43 | 2959581 | 156.981 | ug/l | # | 59 |
| 75) 1,1,2,2-Tetrachloroethane | 12.47 | 83 | 264095 | 19.824 | ug/l | # | 25 |
| 76) 1,2,3-Trichloropropane | 12.59 | 75 | 40885 | 2.798 | ug/l | # | 100 |
| 78) n-propylbenzene | 12.59 | 91 | 7496245 | 96.928 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 12.69 | 91 | 899863 | 18.771 | ug/l | # | 40 |
| 80) 1,3,5-Trimethylbenzene | 12.69 | 105 | 7722578 | 139.525 | ug/l | | 72 |
| 81) trans-1,4-Dichloro-2-buten | 12.25 | 75 | 27574 | 6.083 | ug/l | # | 1 |
| 82) 4-Chlorotoluene | 12.69 | 91 | 900336 | 19.186 | ug/l | # | 40 |
| 83) tert-Butylbenzene | 12.99 | 119 | 504765 | 10.312 | ug/l | | 94 |
| 84) 1,2,4-Trimethylbenzene | 13.17 | 105 | 3792677 | 68.163 | ug/l | # | 30 |
| 85) sec-Butylbenzene | 13.17 | 105 | 3792677 | 57.282 | ug/l | # | 74 |
| 86) p-Isopropyltoluene | 13.29 | 119 | 3246485 | 56.745 | ug/l | | 100 |
| 89) n-Butylbenzene | 13.62 | 91 | 3983461 | 80.931 | ug/l | # | 79 |
| 90) Hexachloroethane | 13.89 | 117 | 450360 | 51.296 | ug/l | # | 4 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75 | 21329 | 9.259 | ug/l | # | 1 |
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180 | 1504 | 0.691 | ug/l | # | 1 |
| 95) Naphthalene | 15.13 | 128 | 181060 | 6.331 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053032.D
Acq On : 20 Dec 2018 1:30
Operator : MD\SY
Sample : J6411-05
Misc : 5.48g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 39 Sample Multiplier: 28

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

Quant Time: Dec 20 05:29:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180 | 378 | 0.535 | ug/l # | 4 |

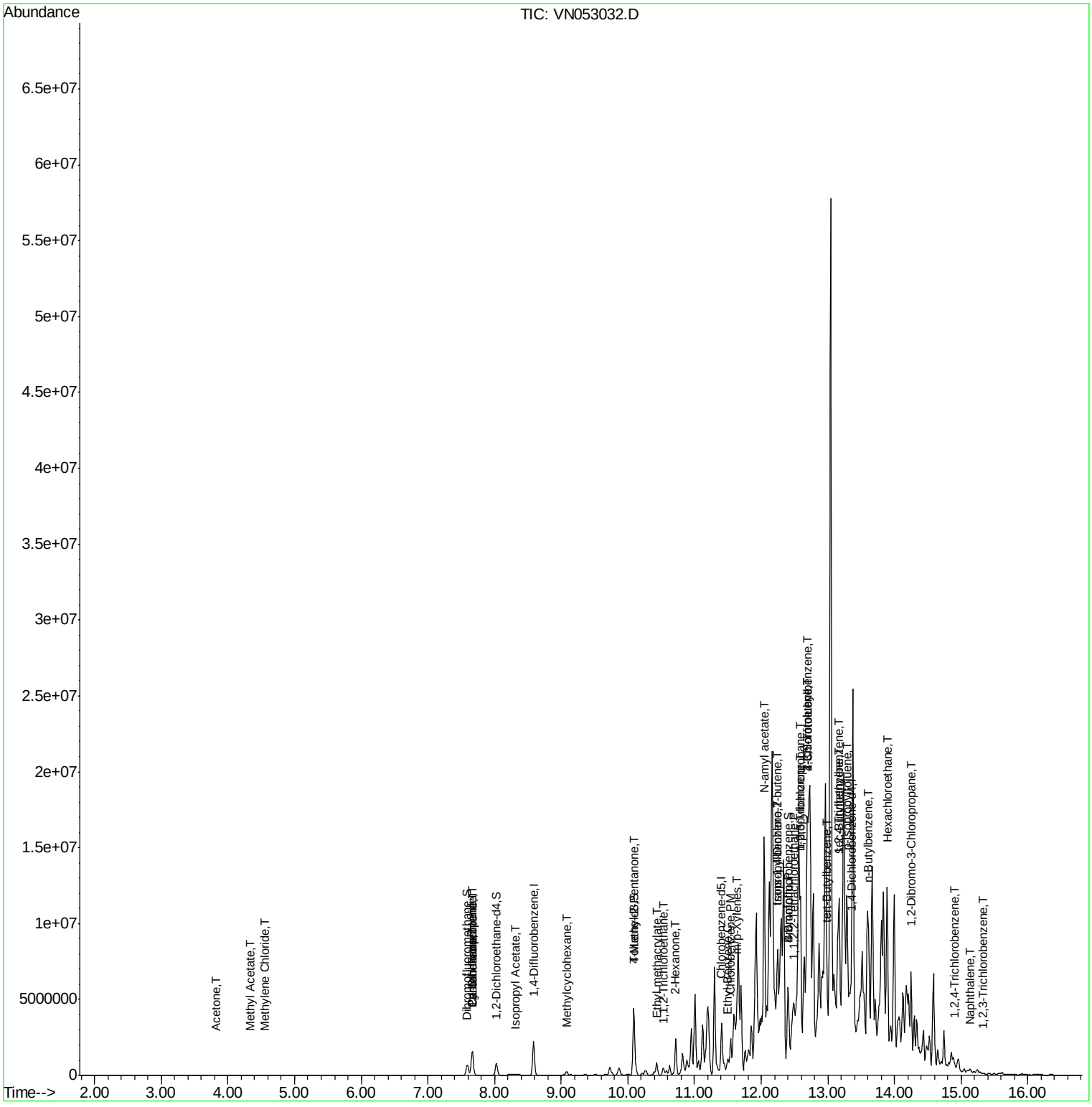
(#) = qualifier out of range (m) = manual integration (+) = signals summed

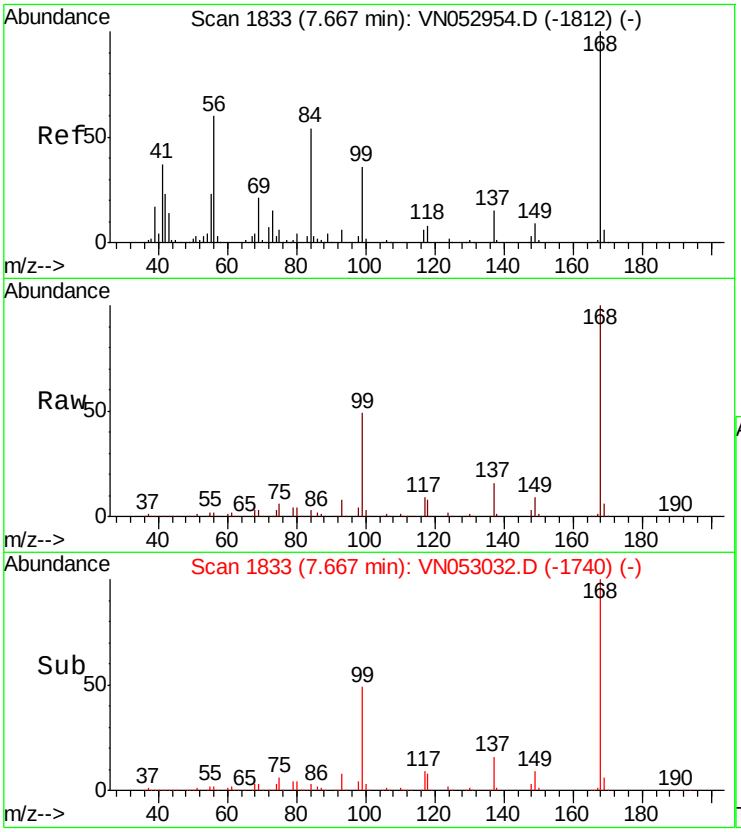
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053032.D
Acq On : 20 Dec 2018 1:30
Operator : MD\SY
Sample : J6411-05
Misc : 5.48g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 39 Sample Multiplier: 28

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

Quant Time: Dec 20 05:29:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration



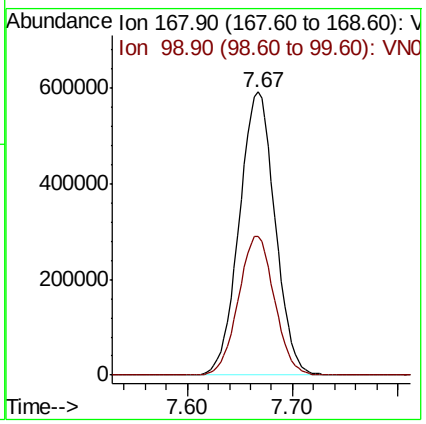


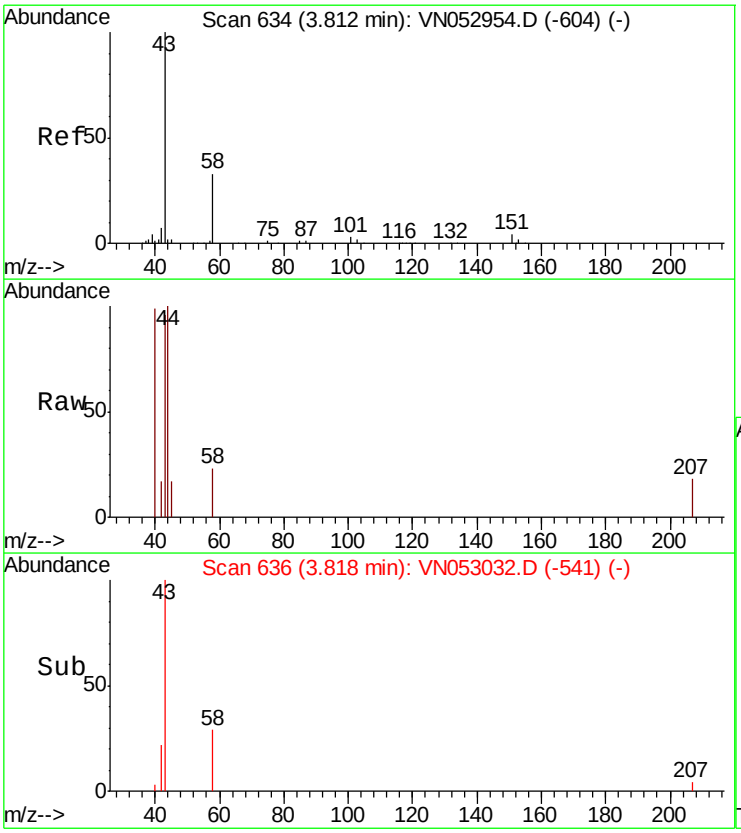

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion:168 Resp: 1397163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.2 | 40.2 | 60.2 |

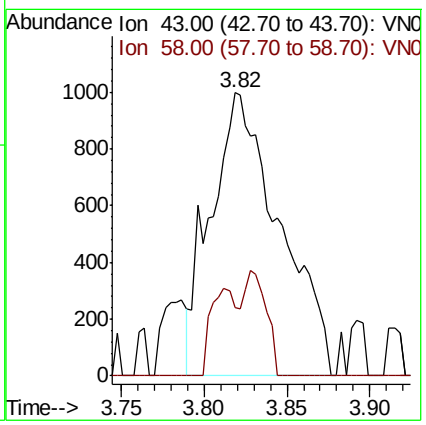


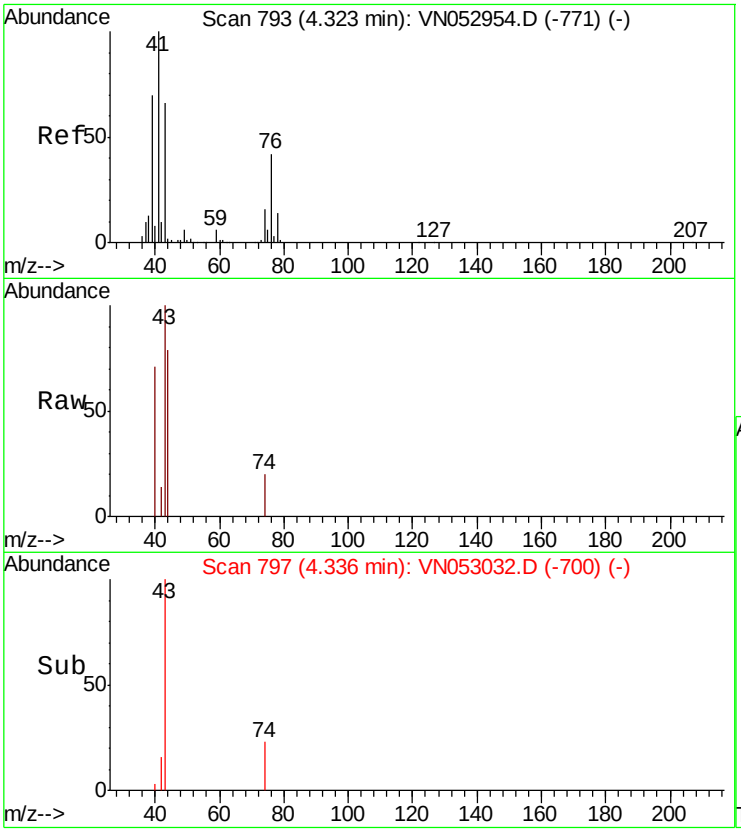




#16
Acetone
Concen: 1.033 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 43 Resp: 2873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.9 | 25.4 | 38.0# |



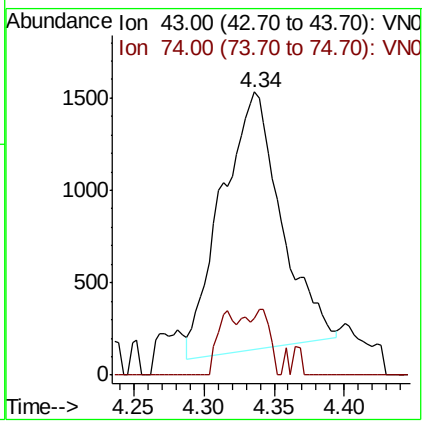


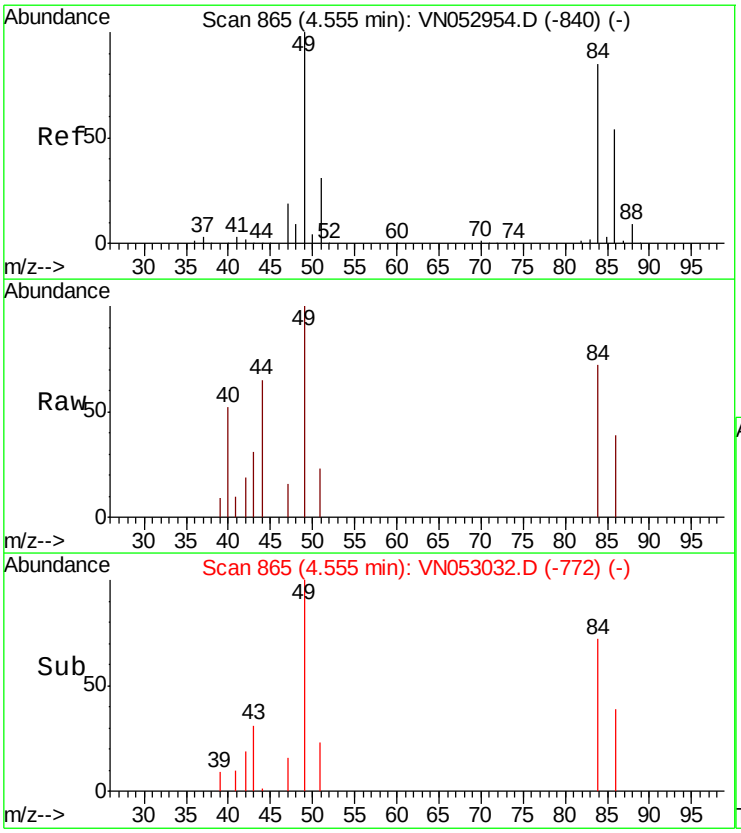

#18
Methyl Acetate
Concen: 1.310 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion: 43 Resp: 4089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 7.7 | 19.2 | 28.8# |

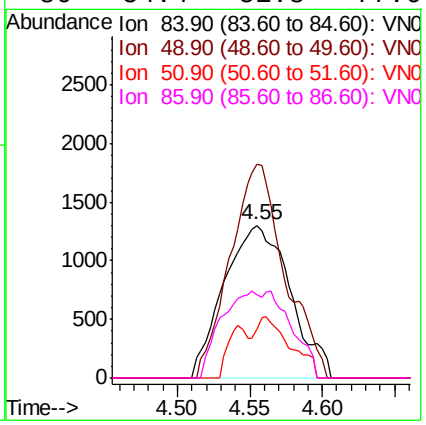


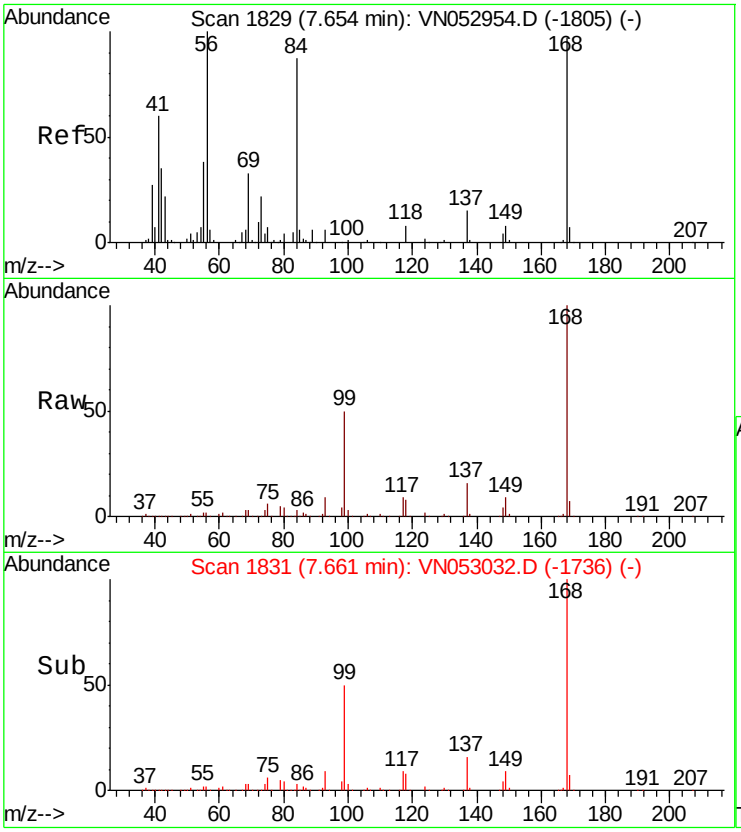




#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 84 Resp: 4140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 139.7 | 96.8 | 145.2 |
| 51 | 32.0 | 29.9 | 44.9 |
| 86 | 54.4 | 51.8 | 77.6 |



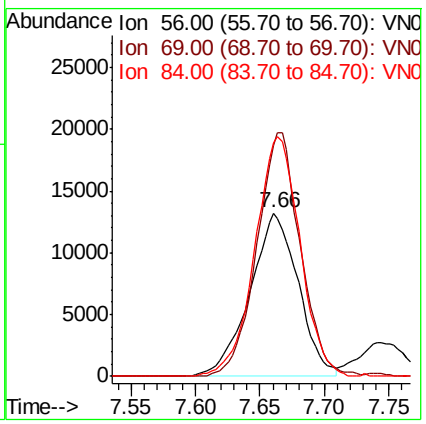


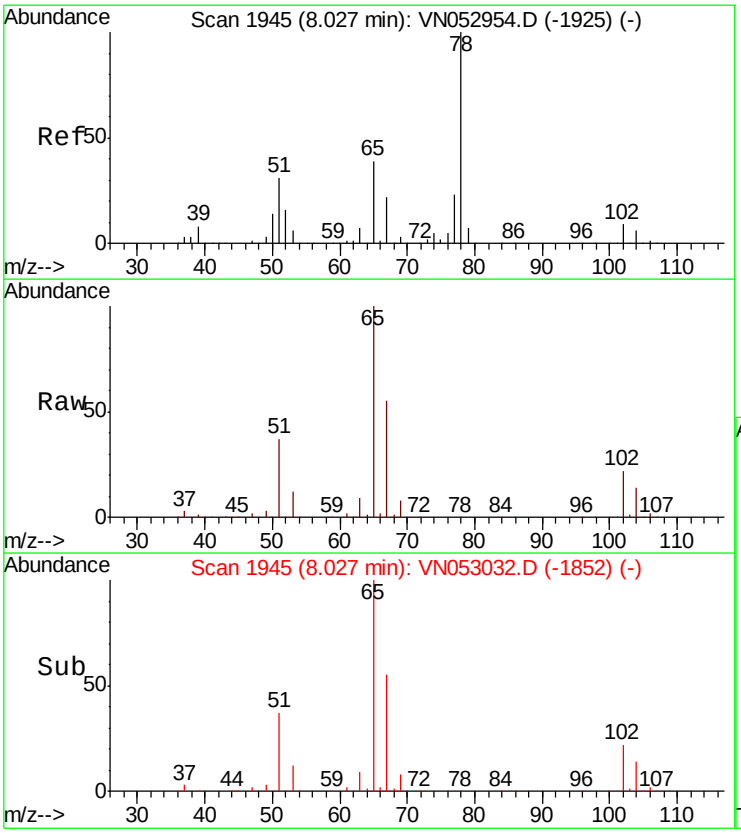

#31
Cyclohexane
Concen: 0.360 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion: 56 Resp: 34449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 141.5 | 26.6 | 39.8# |
| 84 | 143.2 | 68.4 | 102.6# |

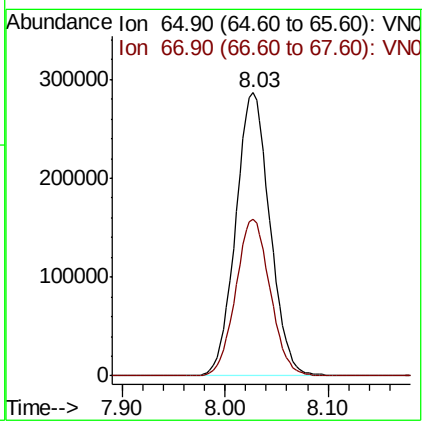


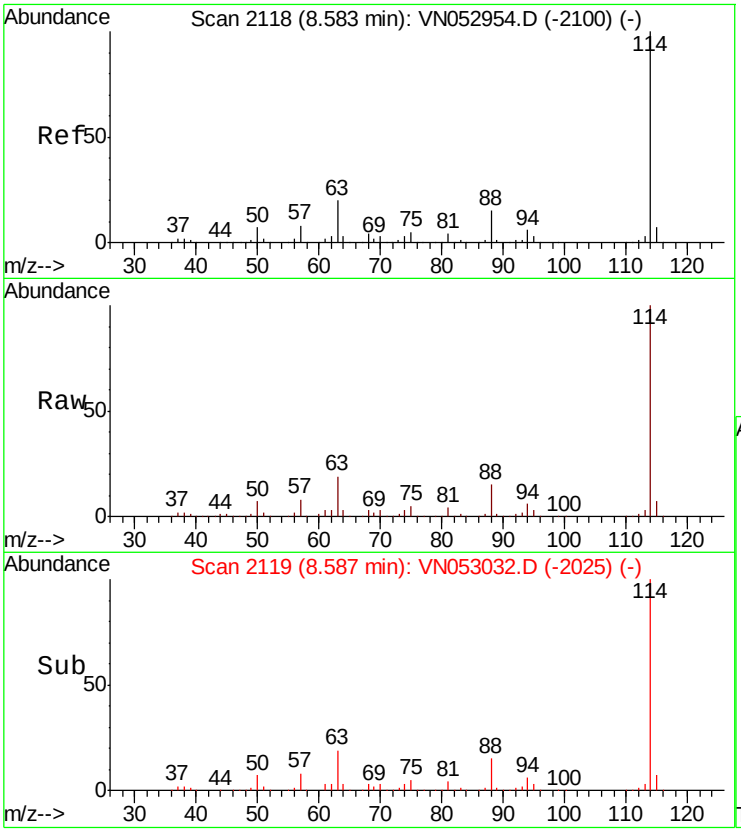




#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 65 Resp: 661874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.6 | 0.0 | 110.4 |



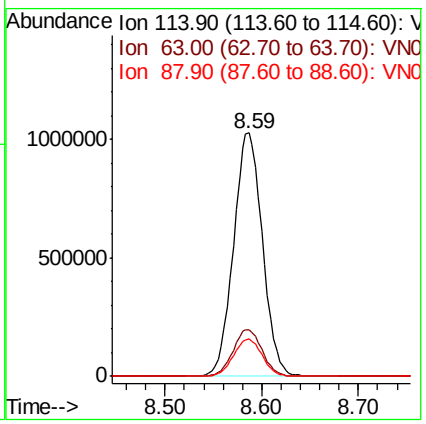


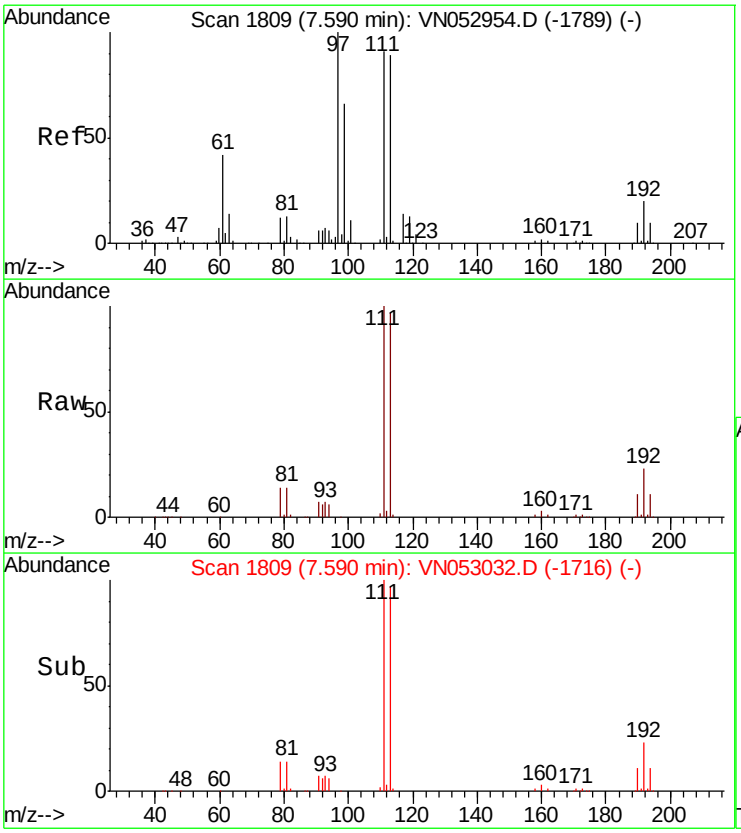

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion:114 Resp: 2130094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.3 | 0.0 | 39.8 |
| 88 | 15.3 | 0.0 | 31.0 |

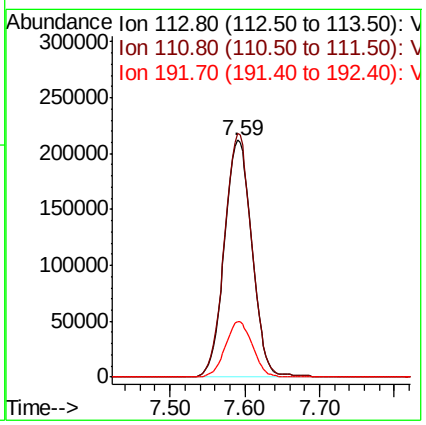


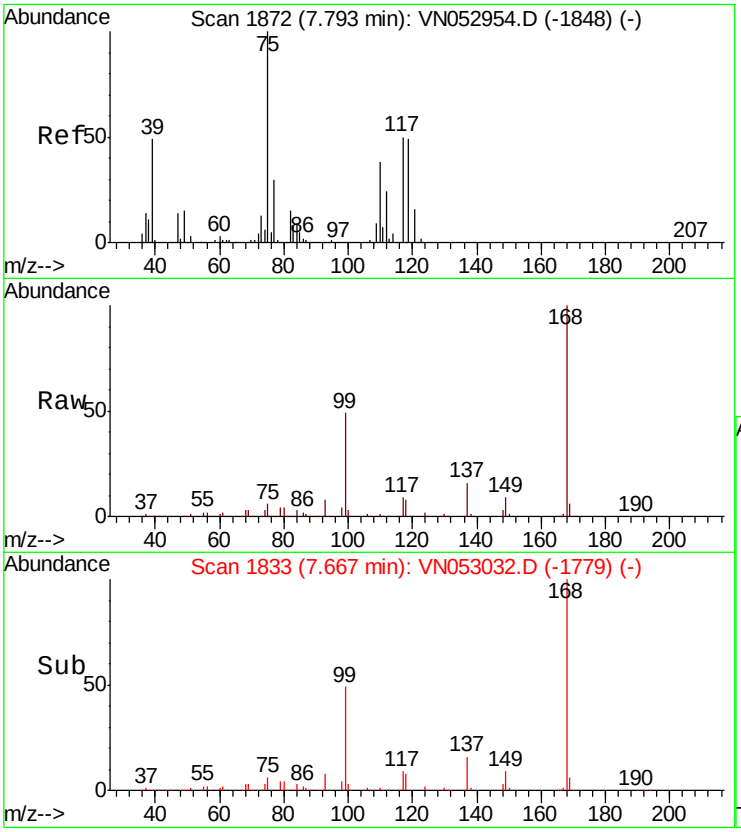




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion:113 Resp: 543214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.7 | 83.0 | 124.4 |
| 192 | 23.0 | 17.5 | 26.3 |



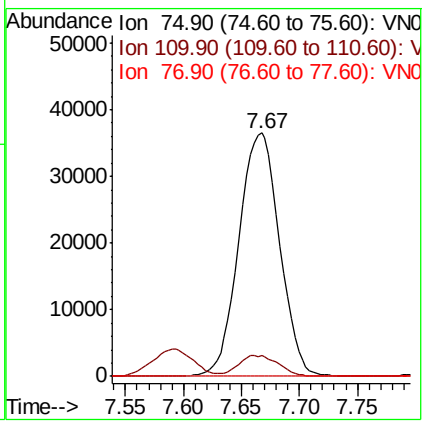


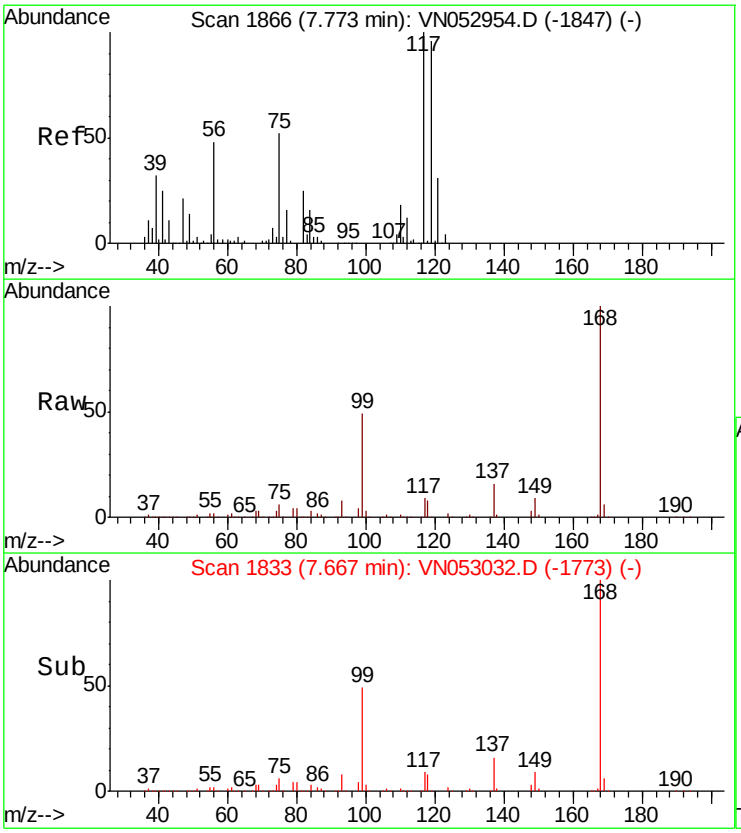

#36
1,1-Dichloropropene
Concen: 4.365 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion: 75 Resp: 89241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.3 | 18.2 | 54.6# |
| 77 | 0.0 | 24.9 | 37.3# |

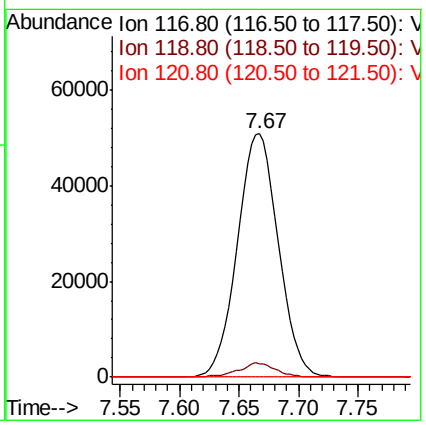


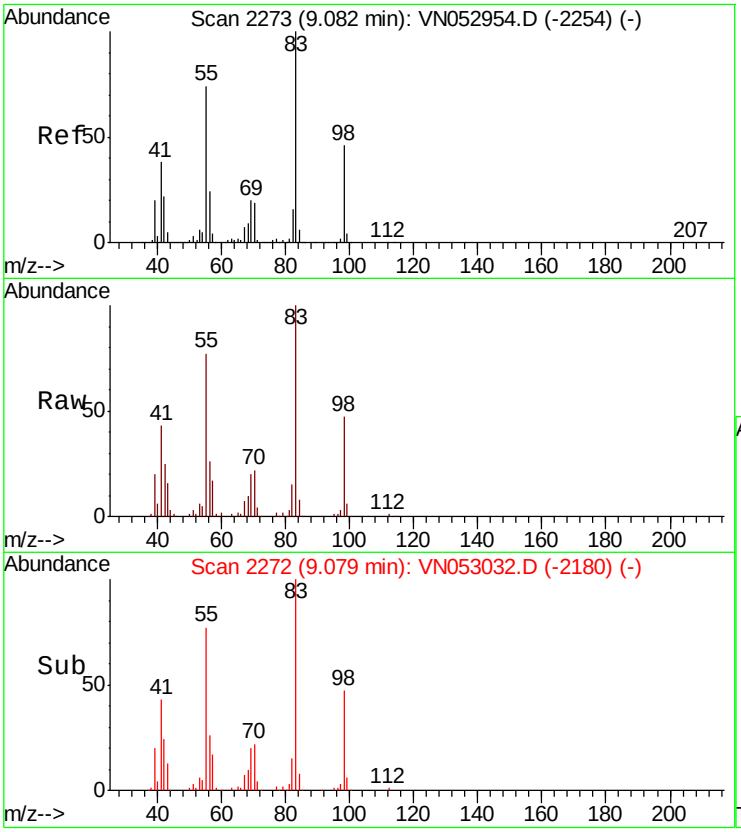




#38
Carbon Tetrachloride
Concen: 6.465 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion:117 Resp: 121146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.7 | 77.1 | 115.7# |
| 121 | 0.0 | 24.9 | 37.3# |



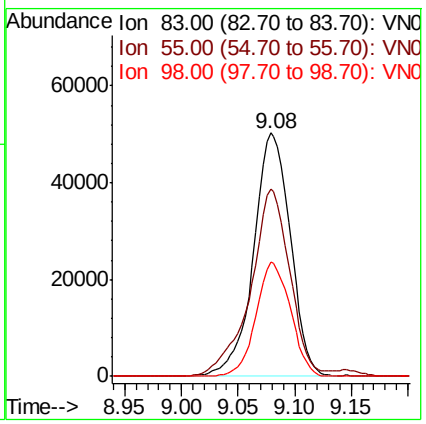


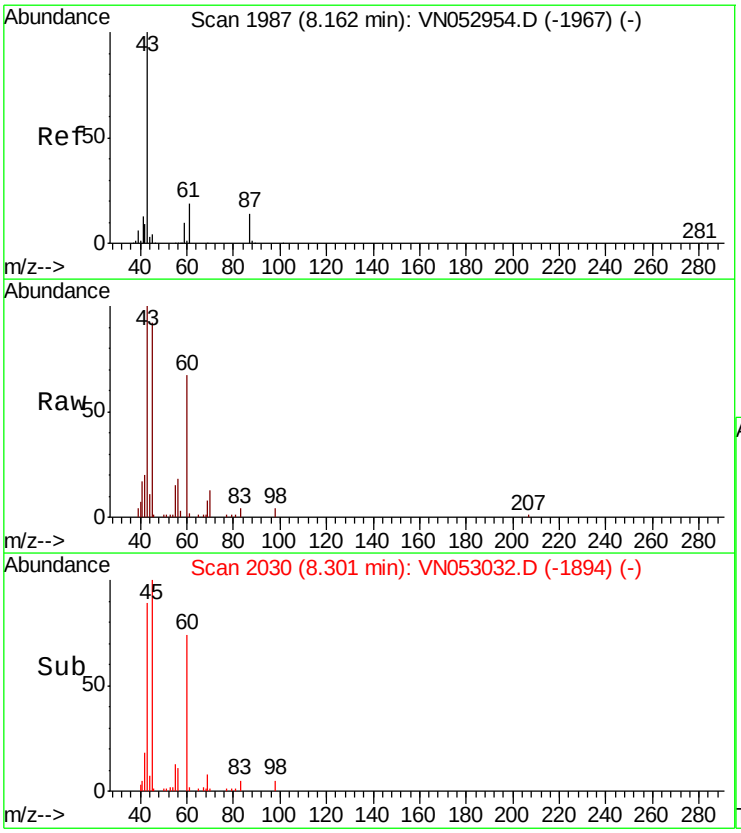

#39
Methylcyclohexane
Concen: 4.575 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion: 83 Resp: 113627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 77.1 | 61.3 | 91.9 |
| 98 | 46.8 | 37.0 | 55.4 |

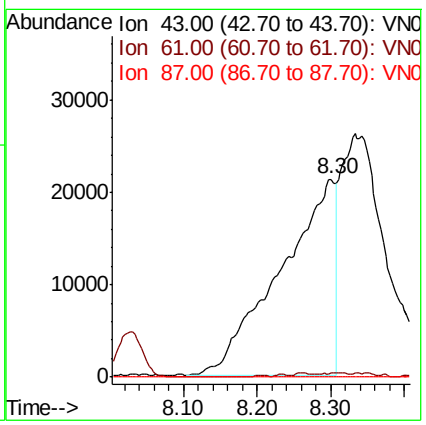


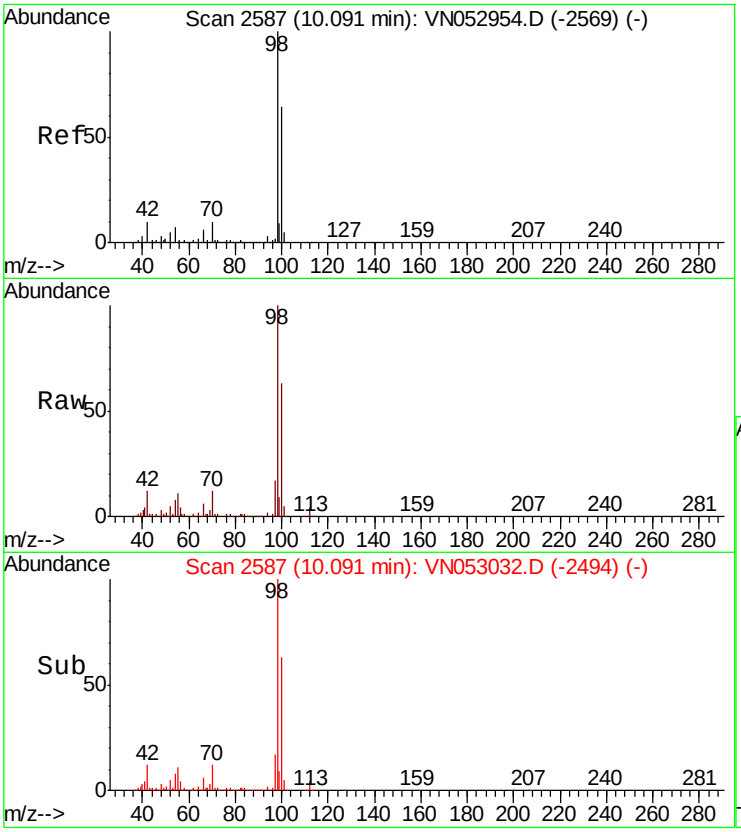




#43
Isopropyl Acetate
Concen: 4.022 ug/l
RT: 8.30 min Scan# 2030
Delta R.T. 0.14 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 43 Resp: 110056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 22.9 | 34.3# |
| 87 | 0.0 | 10.6 | 15.8# |



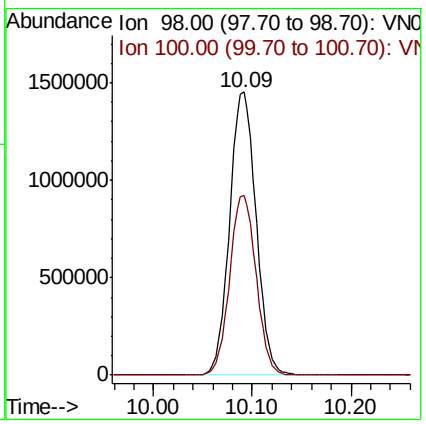


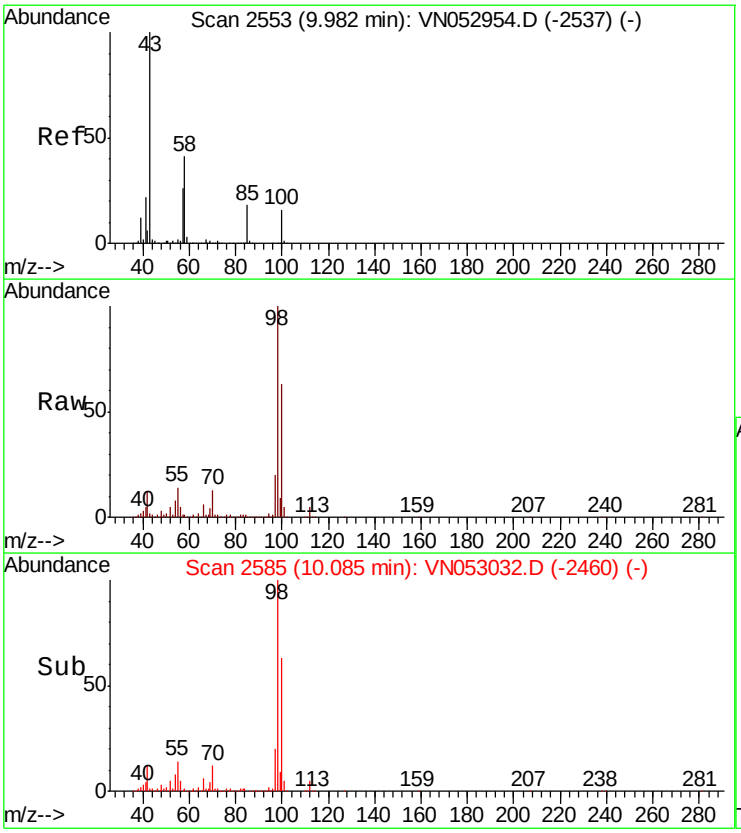

#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion: 98 Resp: 2719924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.2 | 51.6 | 77.4 |

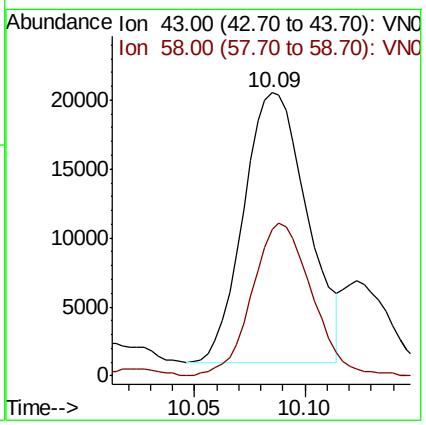


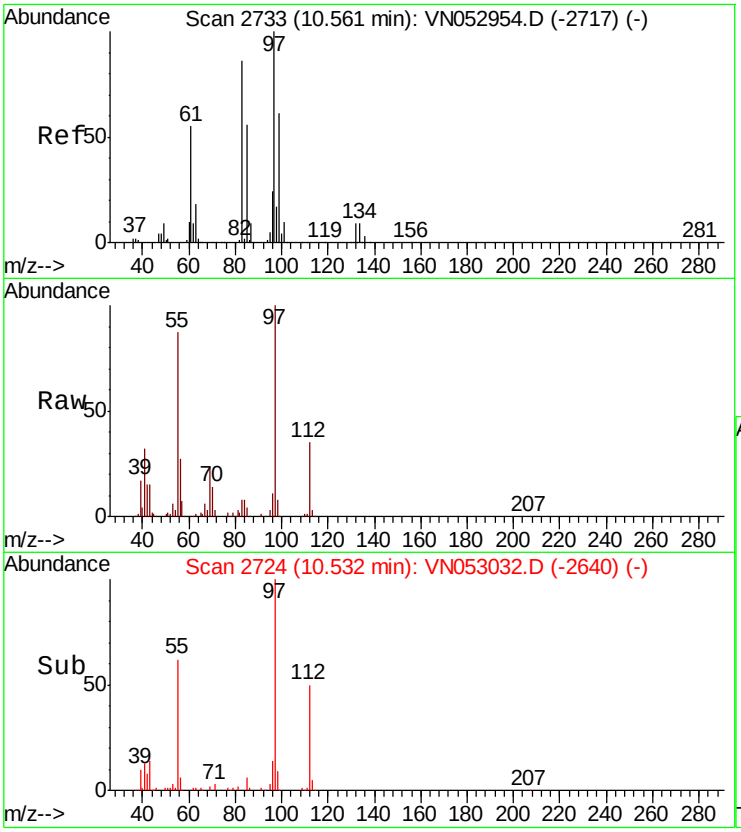




#51
4-Methyl-2-Pentanone
Concen: 3.538 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.10 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 43 Resp: 39103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.0 | 32.2 | 48.4# |



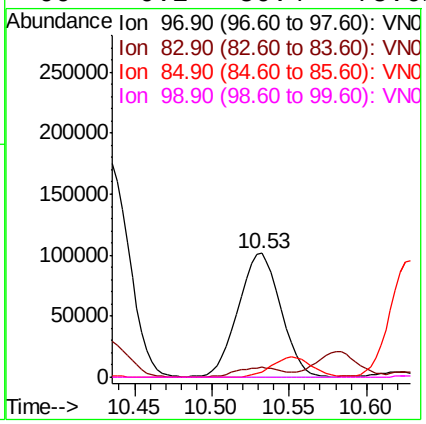


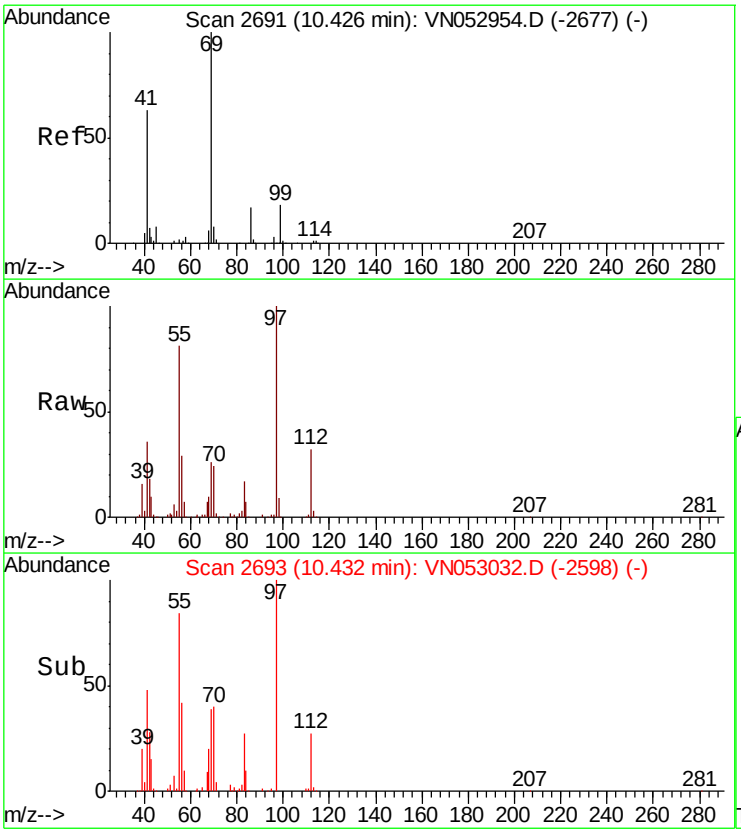

#55
1,1,2-Trichloroethane
Concen: 14.738 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.03 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion: 97 Resp: 193805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 7.9 | 70.9 | 106.3# |
| 85 | 4.5 | 45.4 | 68.2# |
| 99 | 0.2 | 50.4 | 75.6# |

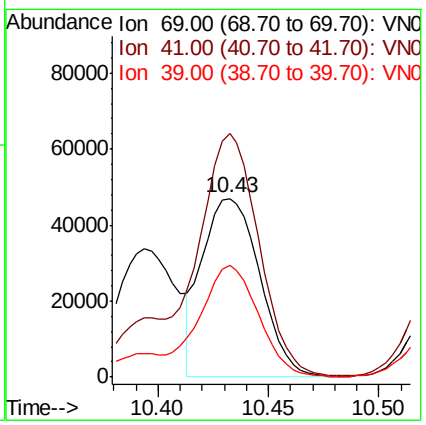


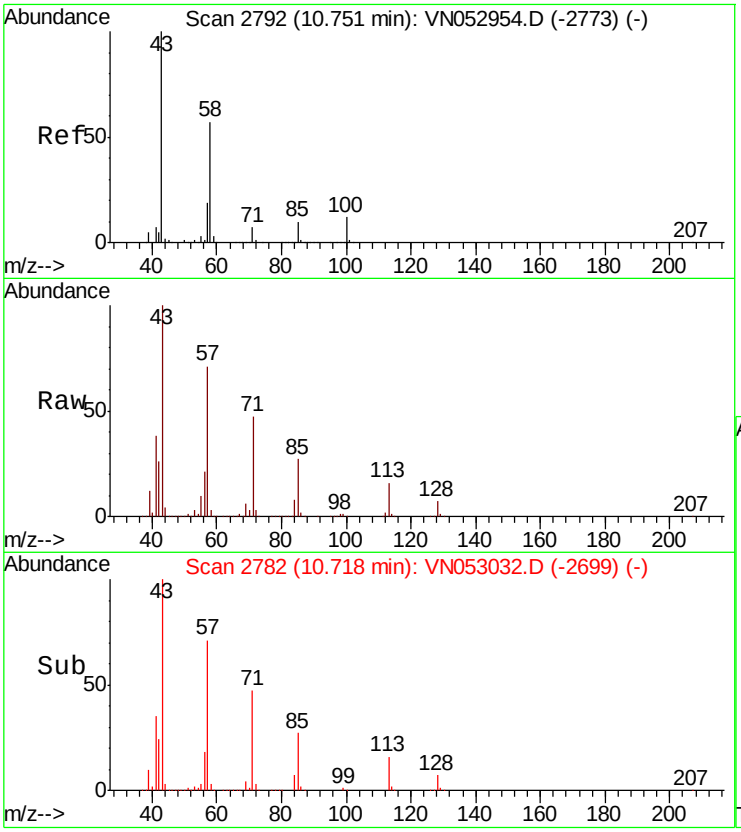




#56
Ethyl methacrylate
Concen: 4.852 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.01 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 69 Resp: 84446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 141.6 | 51.7 | 77.5# |
| 39 | 64.2 | 24.6 | 37.0# |



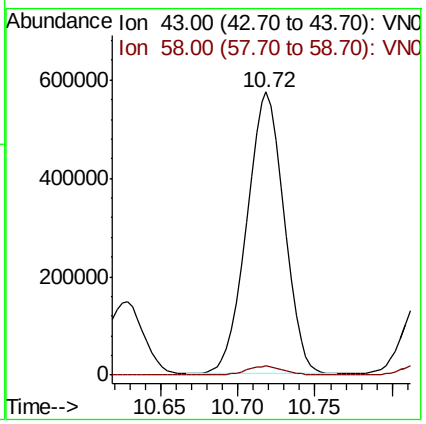


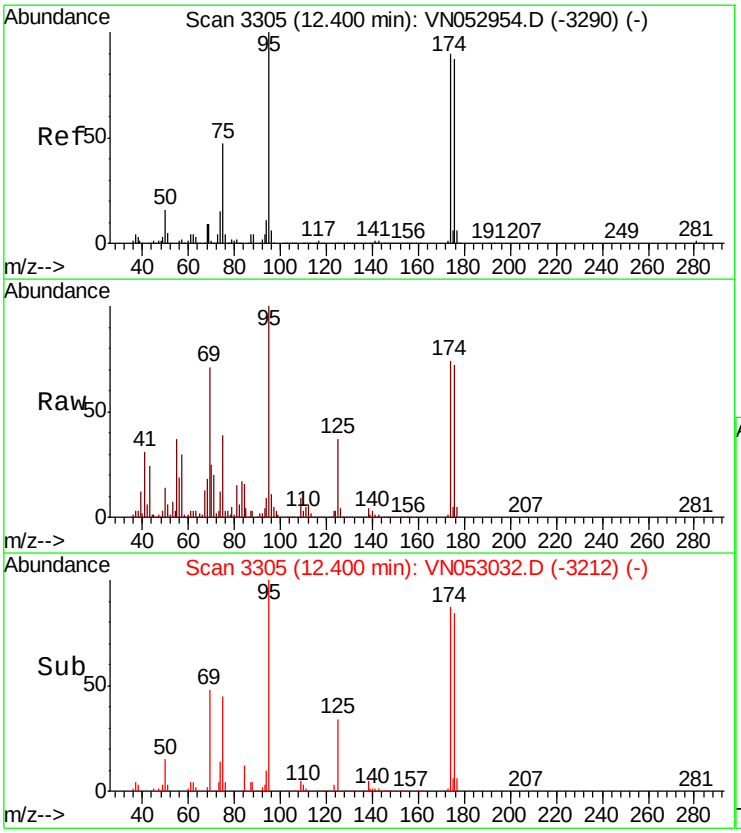

#59
2-Hexanone
Concen: 129.070 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion: 43 Resp: 965225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 3.2 | 28.1 | 84.3# |

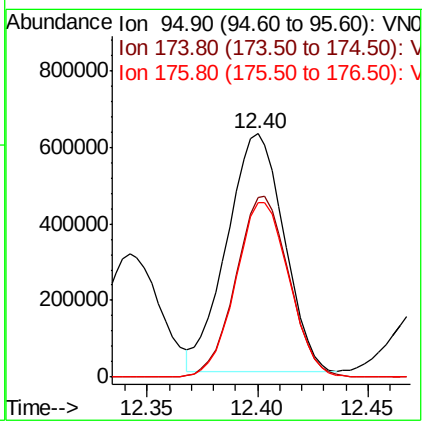


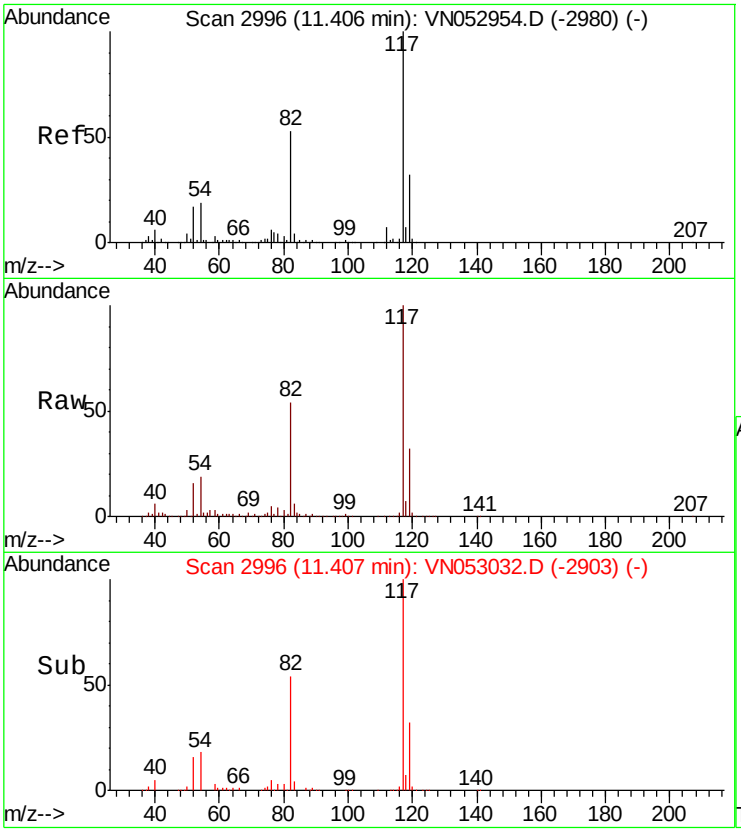




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 95 Resp: 1113225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 70.7 | 0.0 | 178.8 |
| 176 | 69.0 | 0.0 | 173.8 |



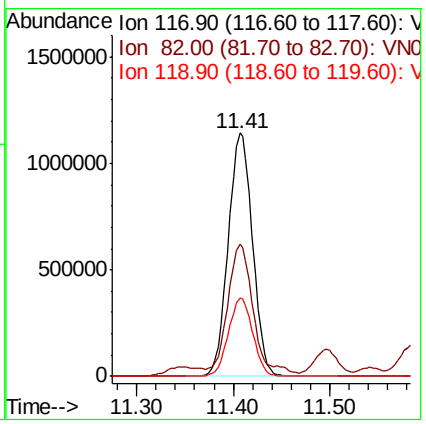


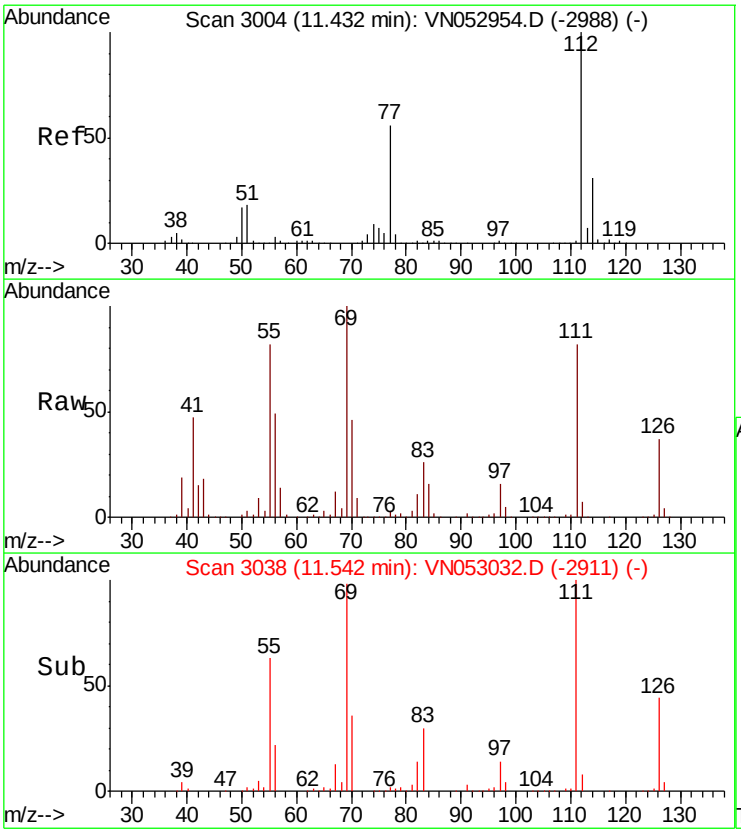

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion:117 Resp: 1992032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.7 | 42.8 | 64.2 |
| 119 | 32.2 | 25.5 | 38.3 |

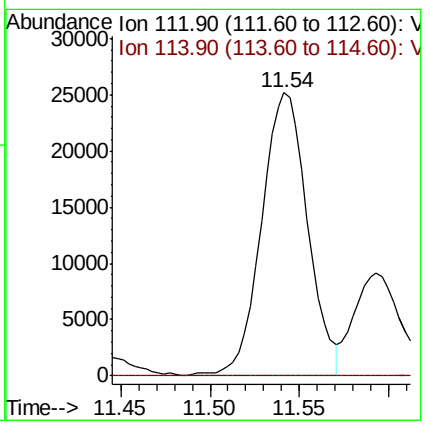


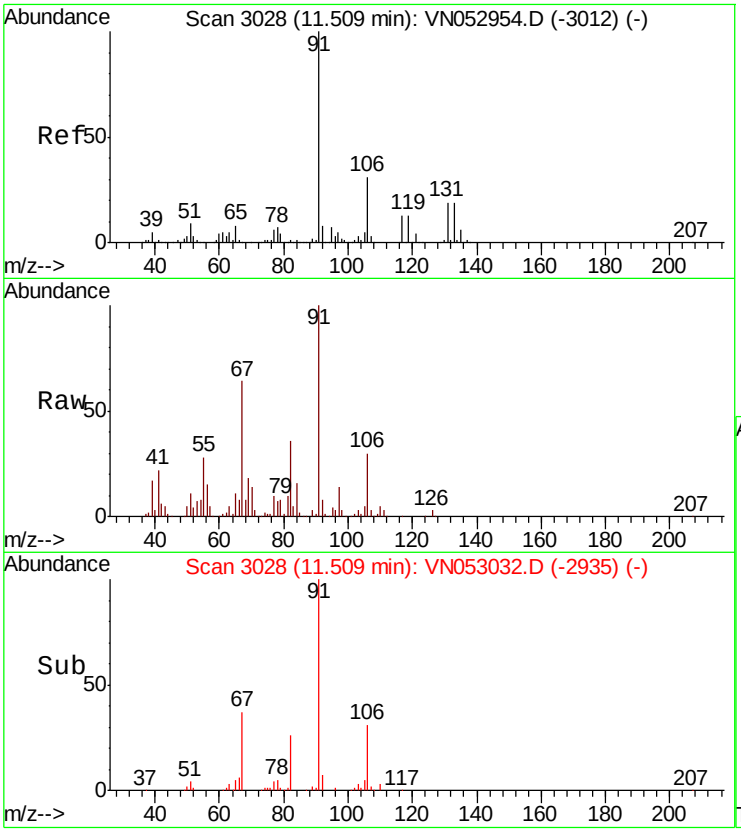




#65
Chlorobenzene
Concen: 1.025 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion:112 Resp: 45280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 0.0 | 25.5 | 38.3# |



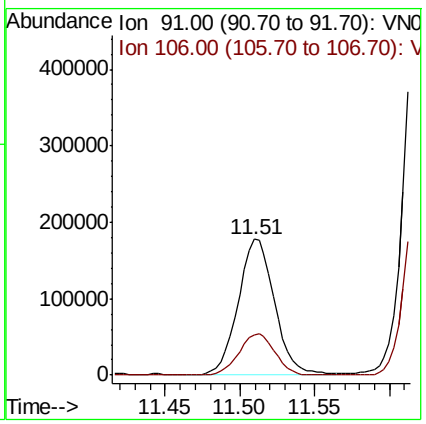


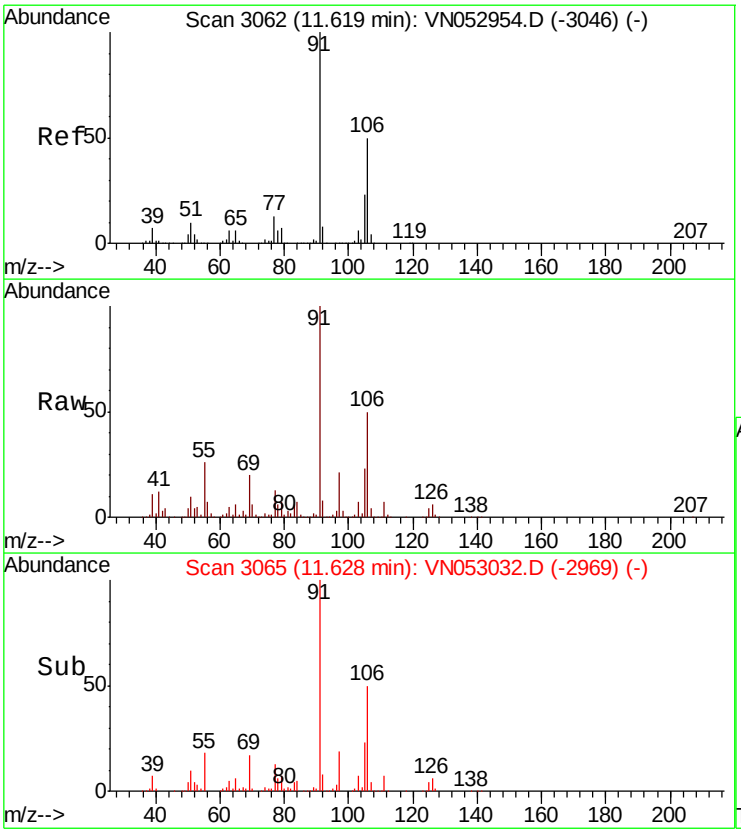

#67
Ethyl Benzene
Concen: 3.920 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion: 91 Resp: 297712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.2 | 24.9 | 37.3 |

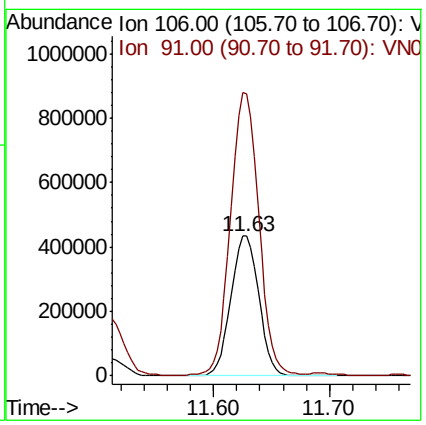


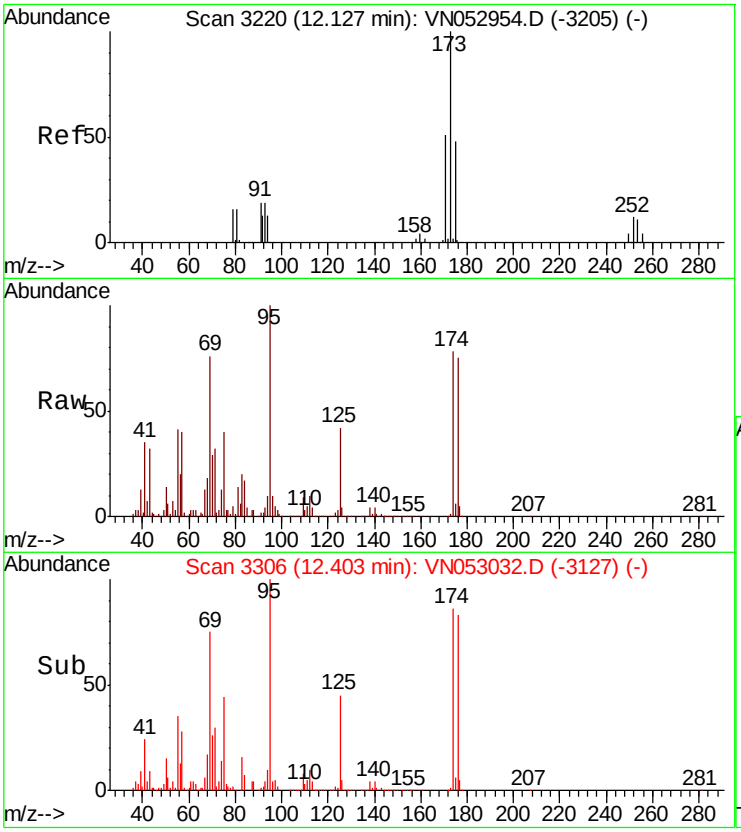




#68
m/p-Xylenes
Concen: 25.007 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion:106 Resp: 721919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.7 | 162.2 | 243.4 |



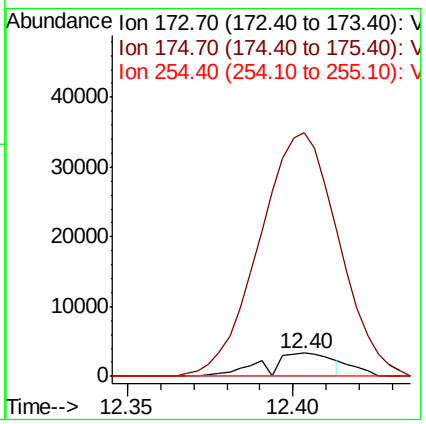


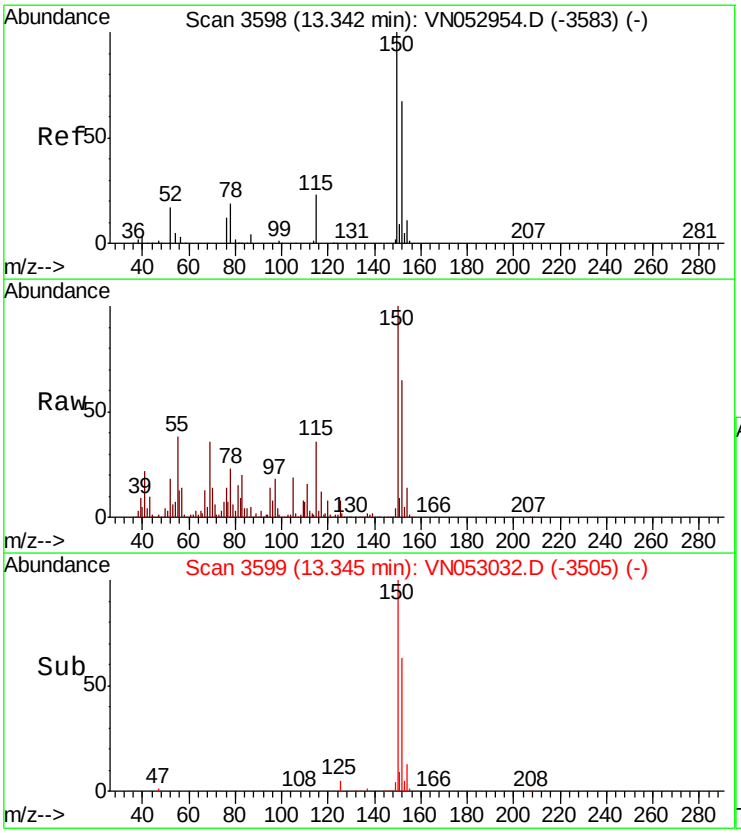

#71
Bromoform
Concen: 0.419 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion:173 Resp: 4647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 1103.6 | 24.3 | 72.9# |
| 254 | 0.0 | 0.1 | 0.1# |

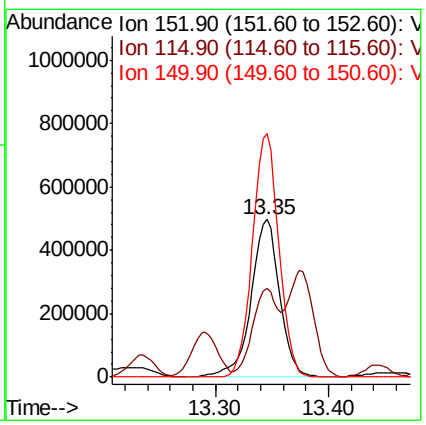


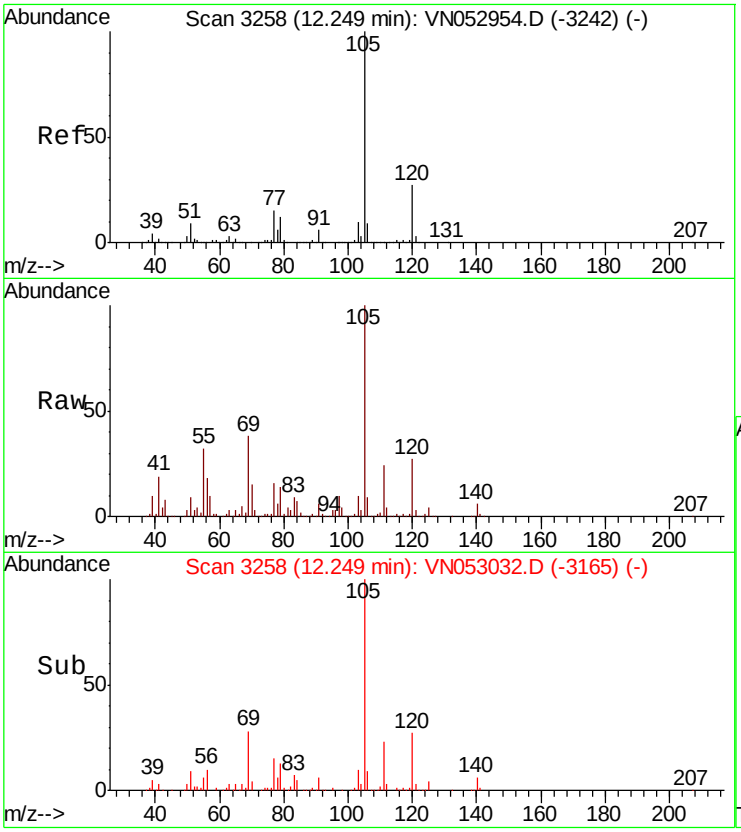




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion:152 Resp: 867902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 48.9 | 28.3 | 85.0 |
| 150 | 143.0 | 0.0 | 347.8 |



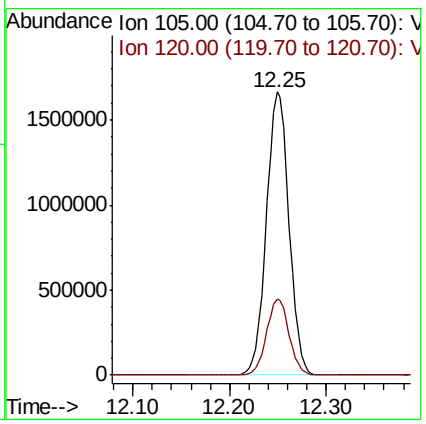


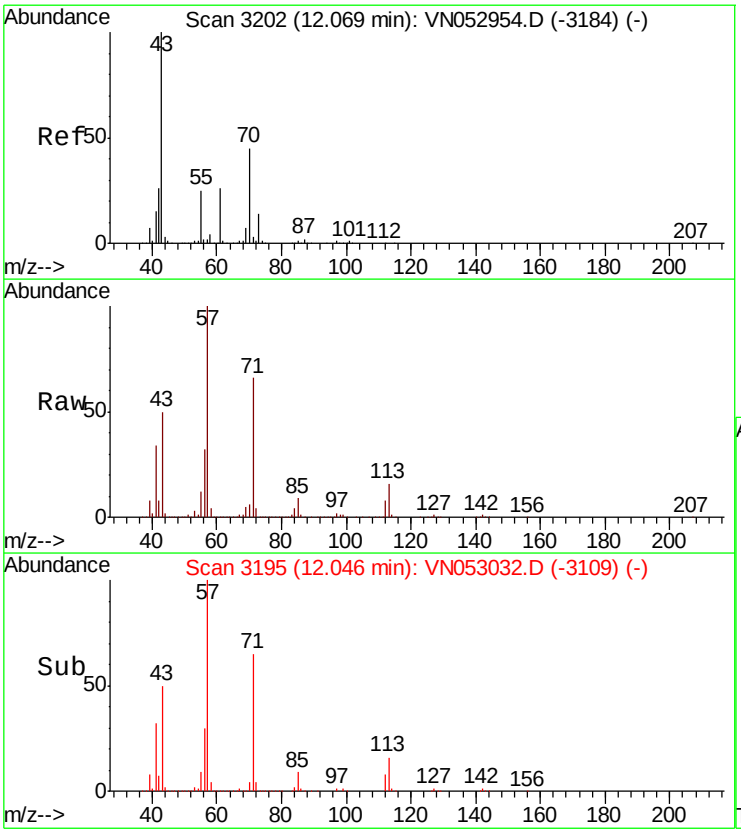

#73
Isopropylbenzene
Concen: 39.524 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion:105 Resp: 2683930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.8 | 13.3 | 39.9 |

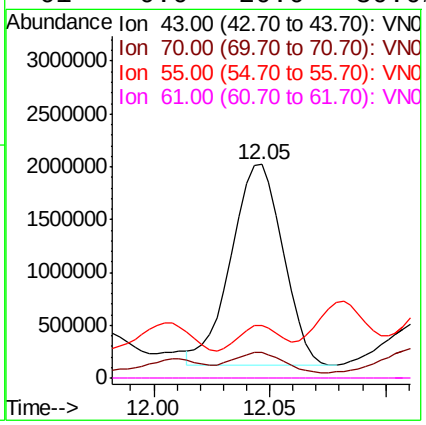


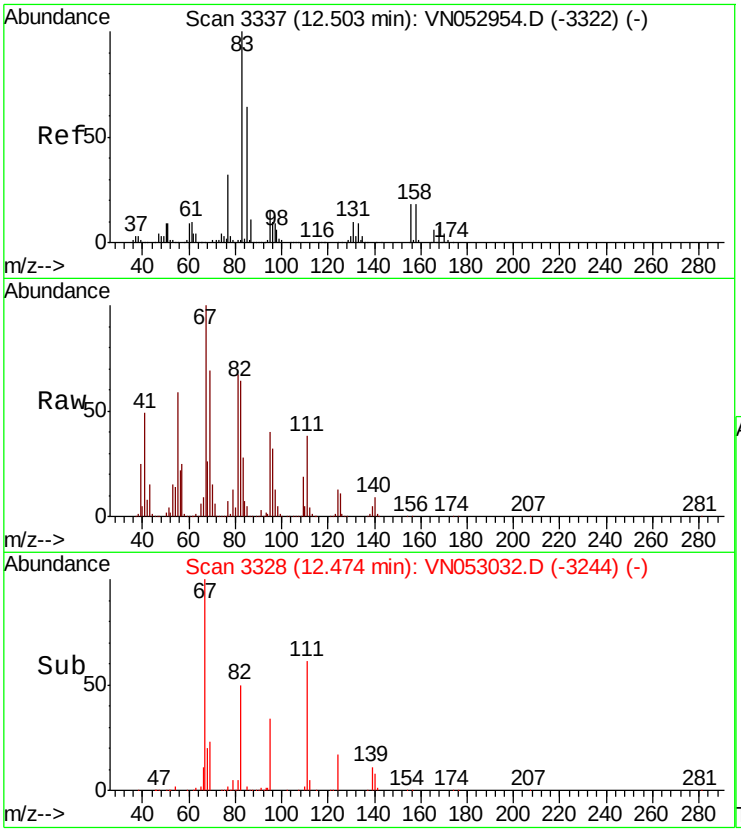




#74
N-amyl acetate
Concen: 156.981 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.02 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 43 Resp: 2959581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 9.3 | 34.2 | 51.4# |
| 55 | 19.0 | 20.3 | 30.5# |
| 61 | 0.0 | 20.0 | 30.0# |



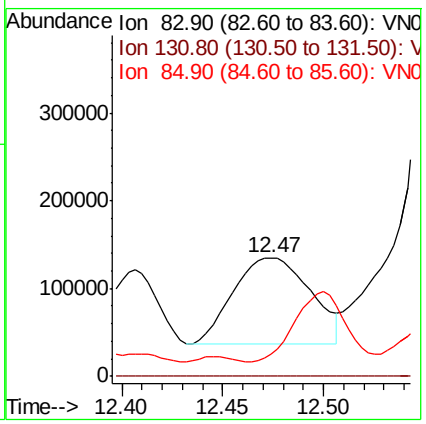


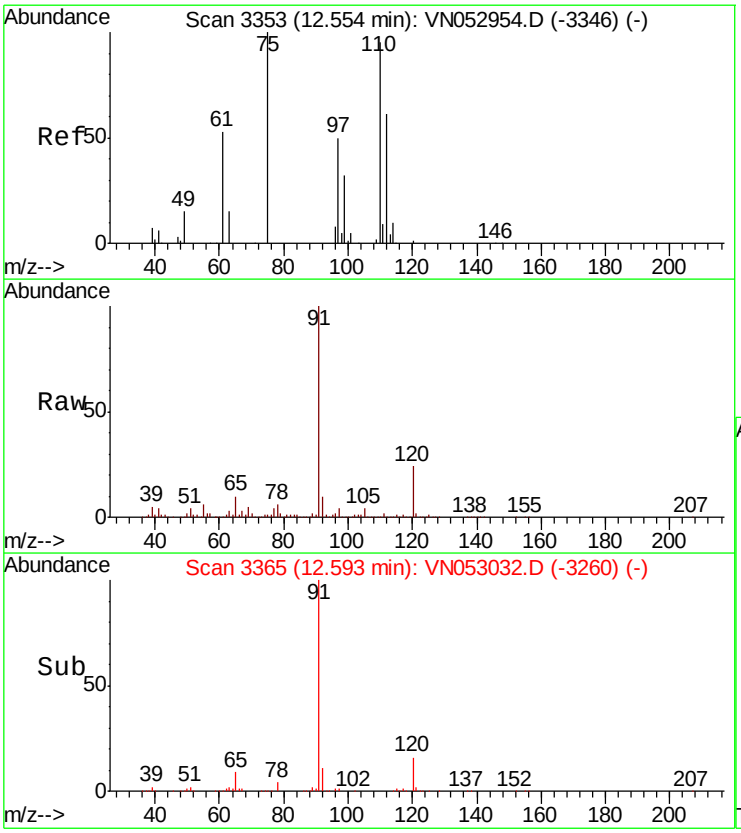

#75
1,1,2,2-Tetrachloroethane
Concen: 19.824 ug/l
RT: 12.47 min Scan# 3328
Delta R.T. -0.03 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion: 83 Resp: 264095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.2 | 15.6# |
| 85 | 0.0 | 32.4 | 97.0# |

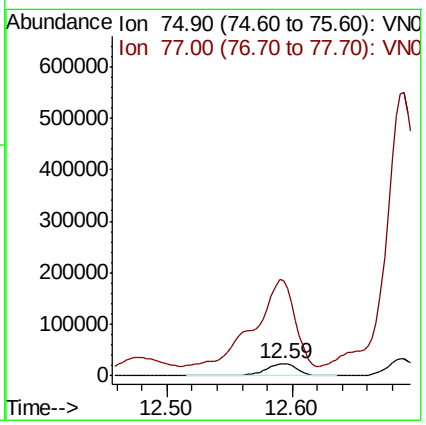


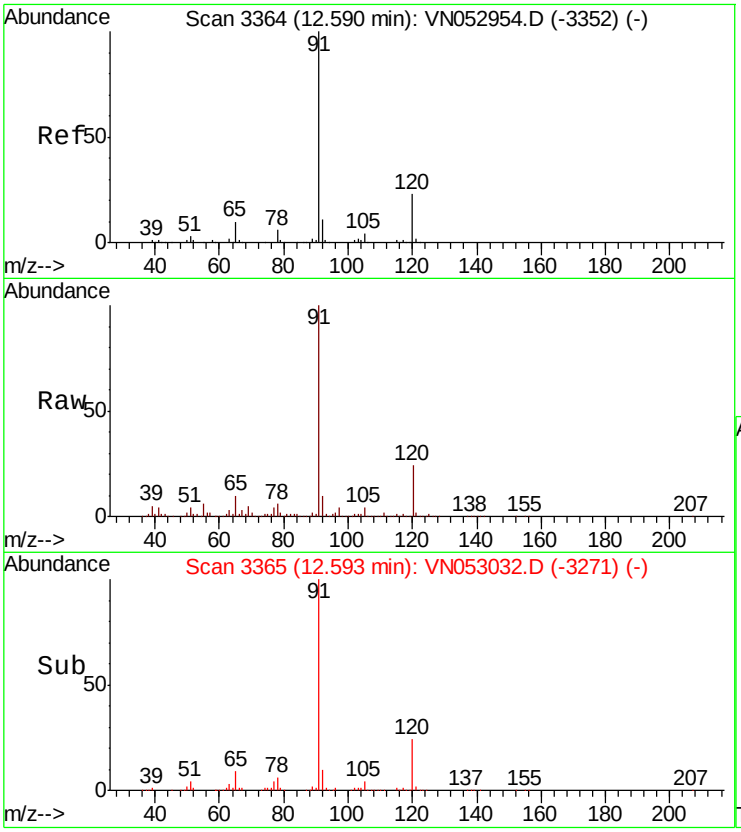




#76
1,2,3-Trichloropropane
Concen: 2.798 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.04 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 75 Resp: 40885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1000.9 | 0.0 | 0.0# |



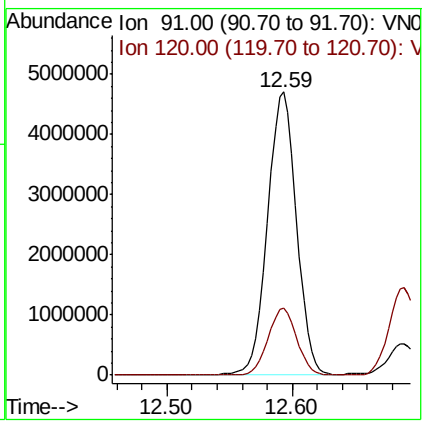


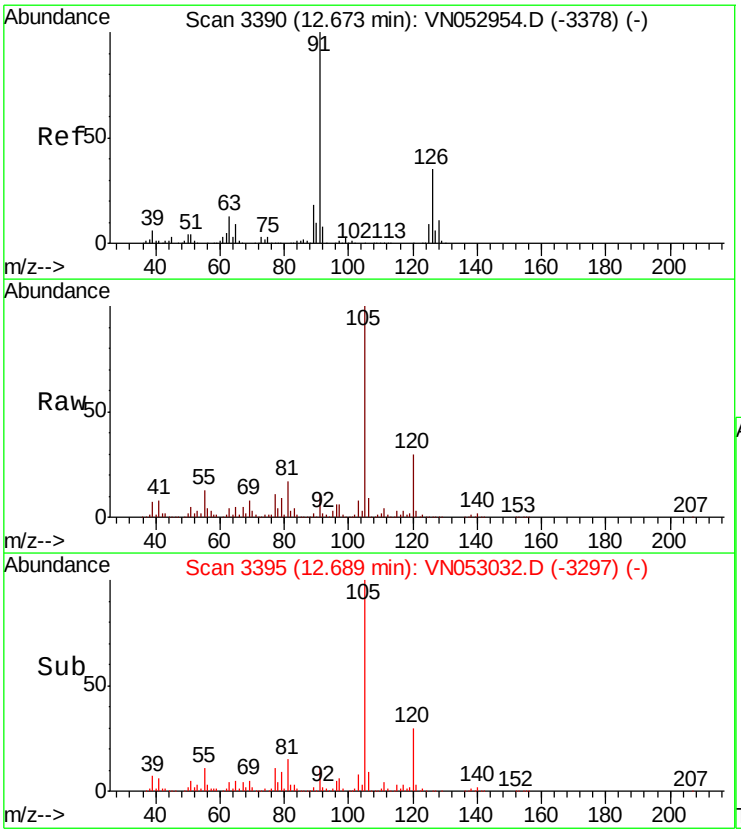

#78
n-propylbenzene
Concen: 96.928 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion: 91 Resp: 7496245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.5 | 11.5 | 34.5 |

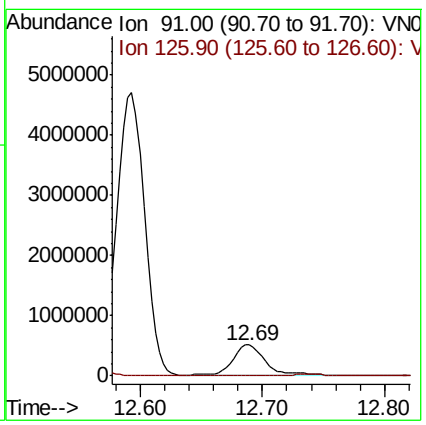


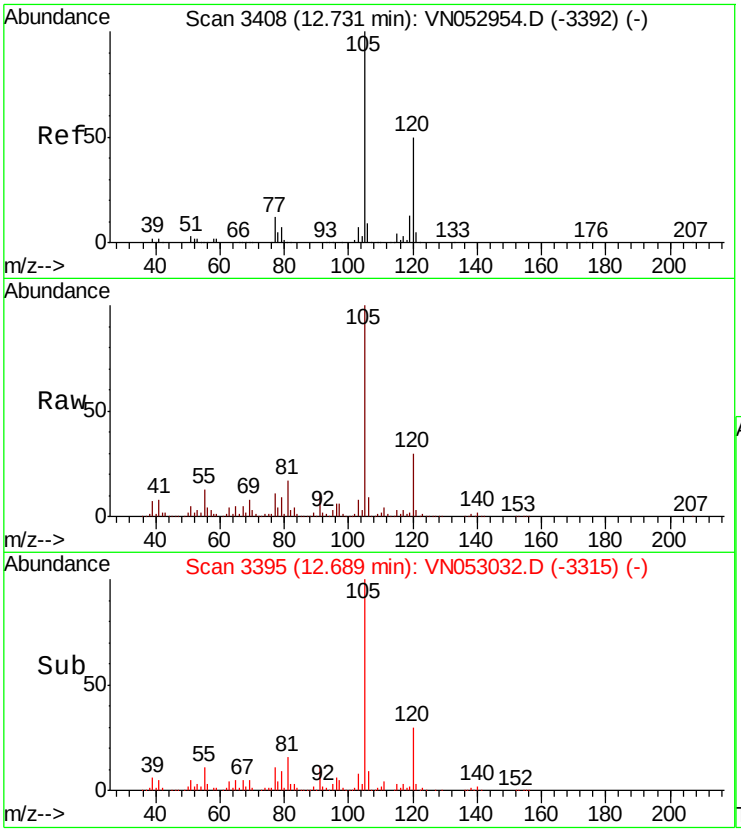




#79
2-Chlorotoluene
Concen: 18.771 ug/l
RT: 12.69 min Scan# 3395
Delta R.T. 0.02 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 91 Resp: 899863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 17.4 | 52.3# |



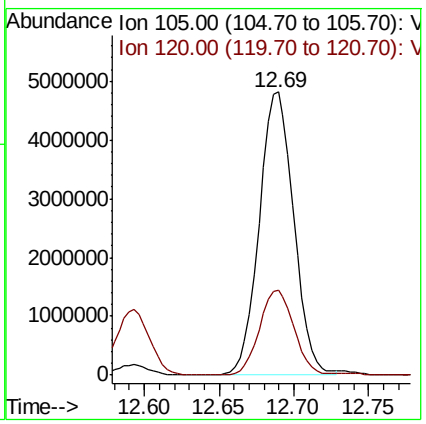


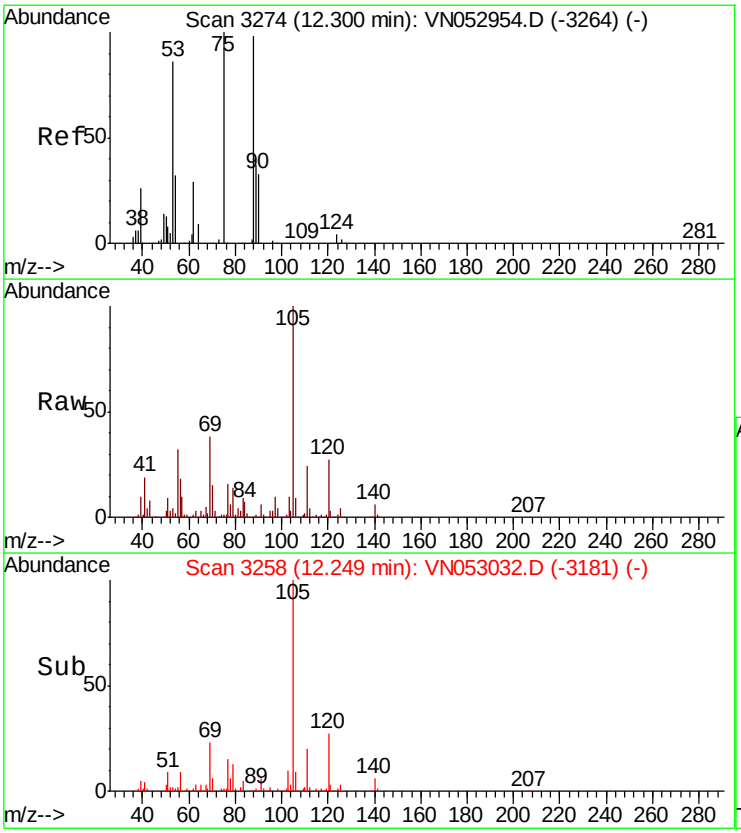

#80
1,3,5-Trimethylbenzene
Concen: 139.525 ug/l
RT: 12.69 min Scan# 3395
Delta R.T. -0.04 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion:105 Resp: 7722578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 30.1 | 24.4 | 73.2 |

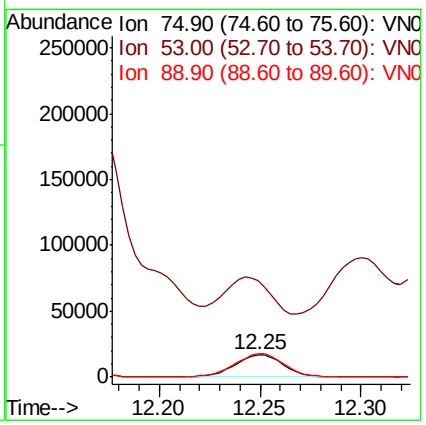


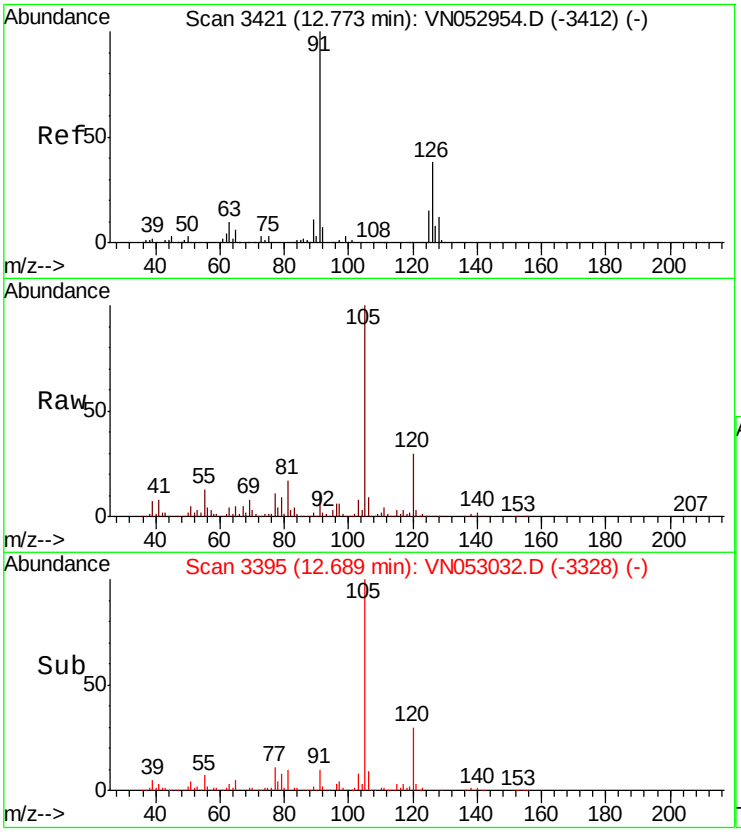




#81
trans-1,4-Dichloro-2-butene
Concen: 6.083 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.05 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 75 Resp: 27574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 194.0 | 74.7 | 112.1# |
| 89 | 105.7 | 36.1 | 54.1# |



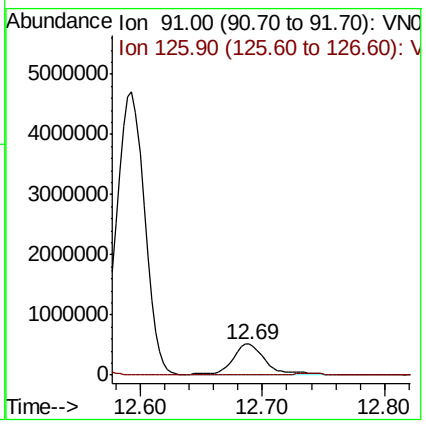


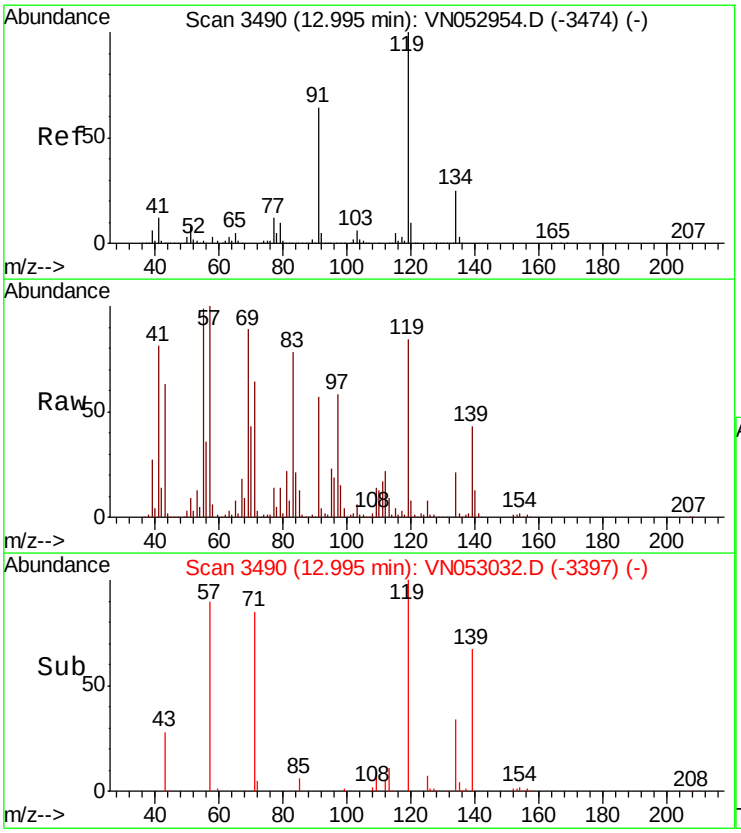

#82
4-Chlorotoluene
Concen: 19.186 ug/l
RT: 12.69 min Scan# 3395
Delta R.T. -0.08 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion: 91 Resp: 900336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 17.3 | 51.7# |

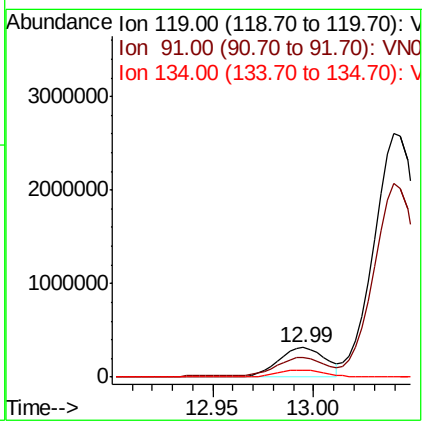


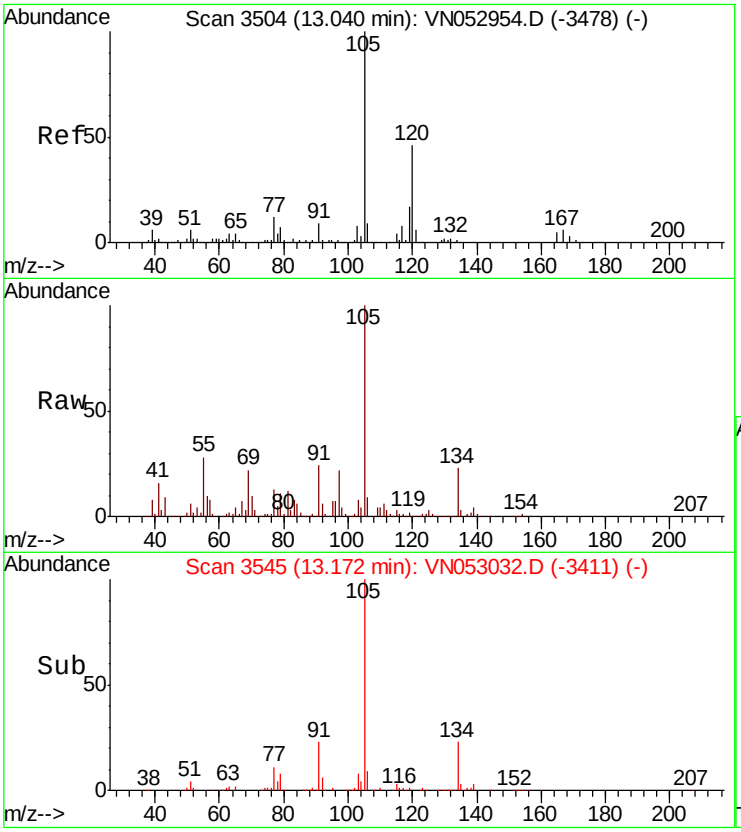




#83
tert-Butylbenzene
Concen: 10.312 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion:119 Resp: 504765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 69.1 | 31.9 | 95.5 |
| 134 | 24.6 | 12.8 | 38.4 |



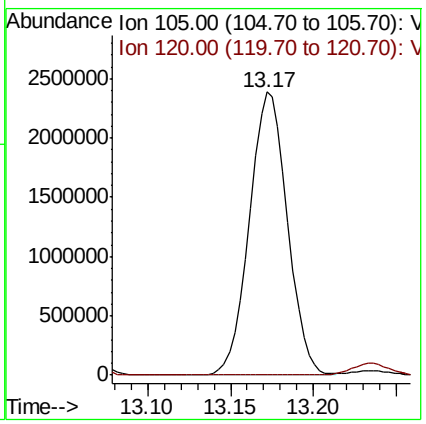


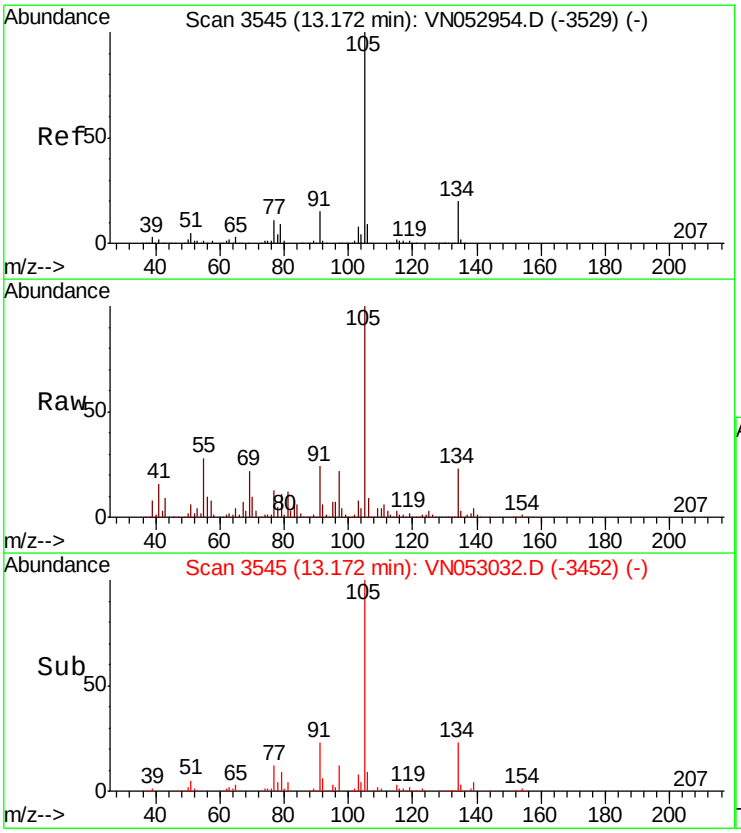

#84
1,2,4-Trimethylbenzene
Concen: 68.163 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.13 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion:105 Resp: 3792677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 22.9 | 68.8# |

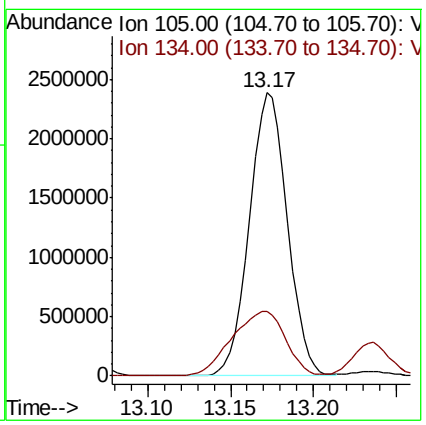


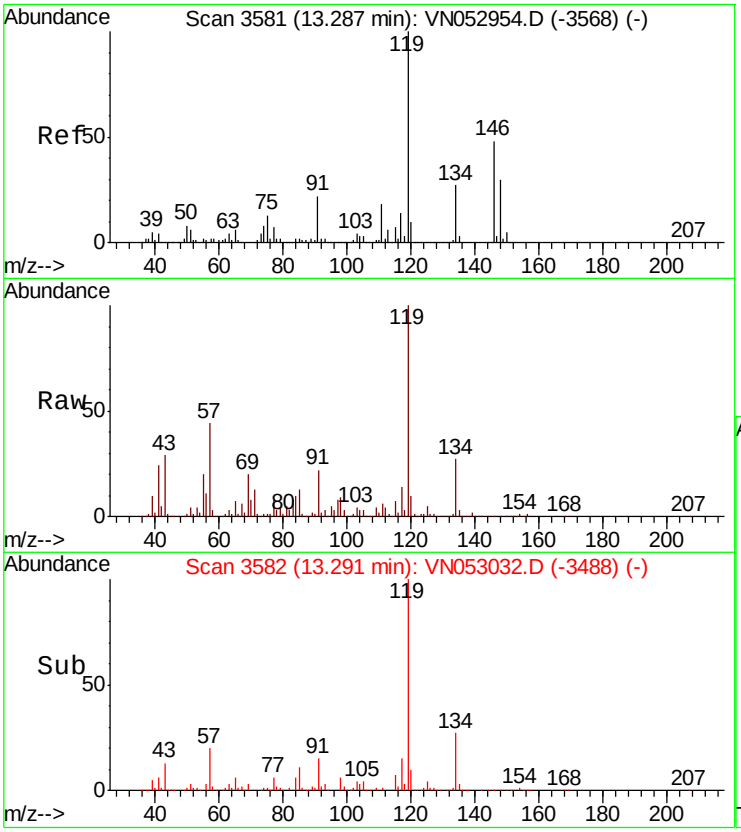




#85
sec-Butylbenzene
Concen: 57.282 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion:105 Resp: 3792677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 32.2 | 10.1 | 30.3# |



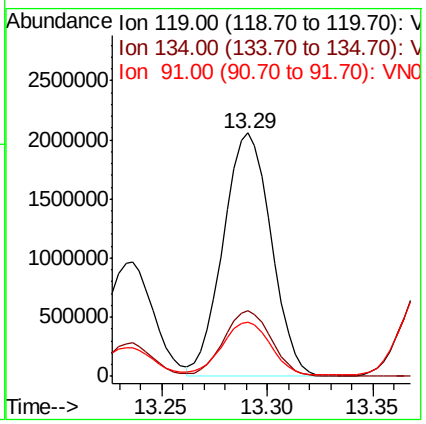


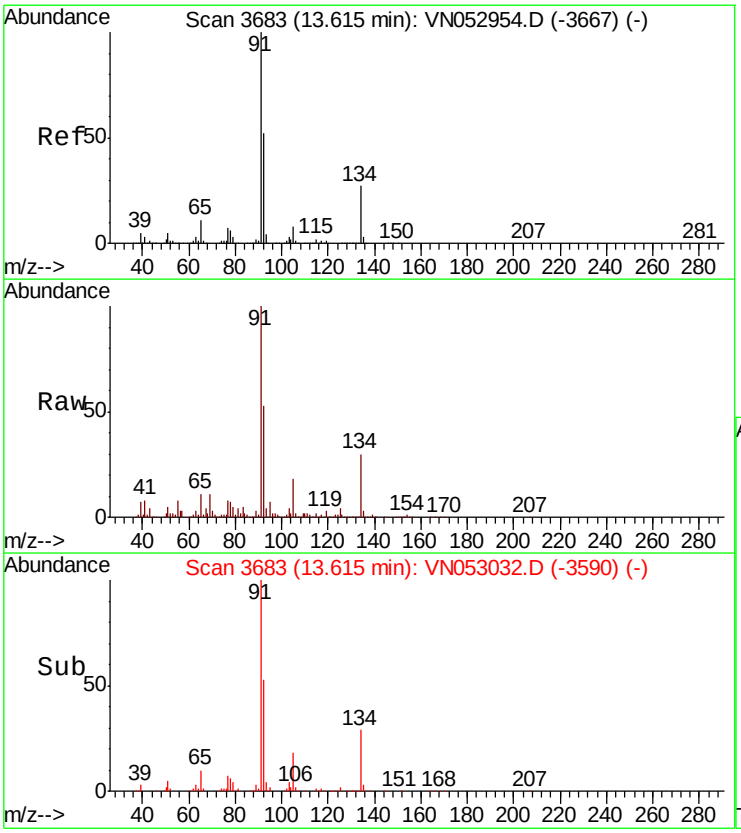

#86
p-Isopropyltoluene
Concen: 56.745 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion:119 Resp: 3246485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.9 | 13.4 | 40.2 |
| 91 | 22.0 | 11.1 | 33.3 |

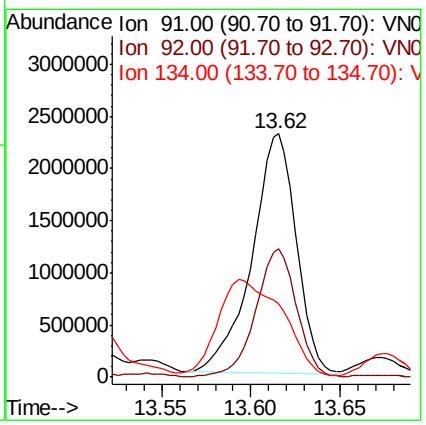


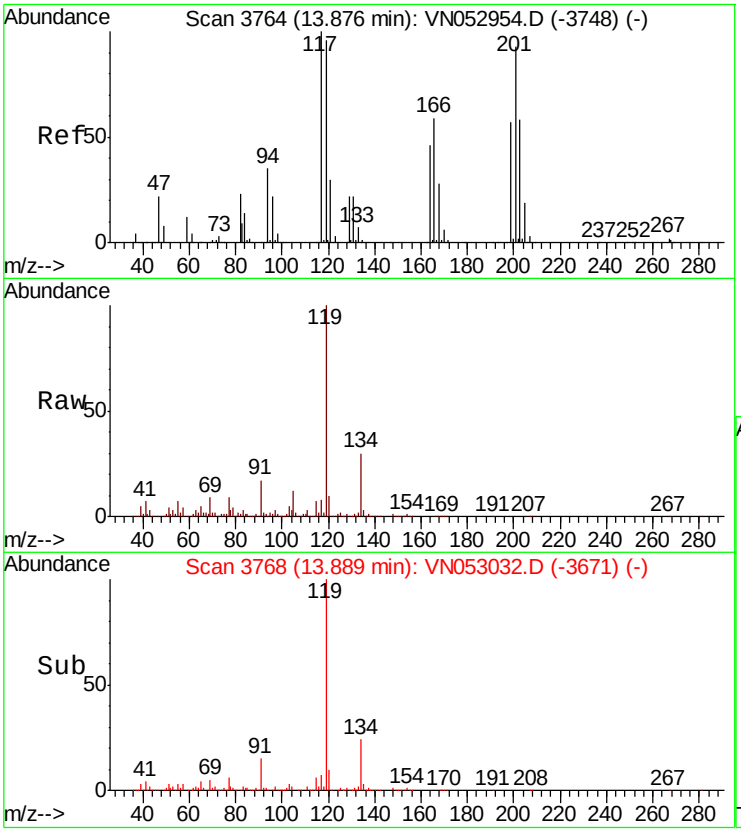




#89
n-Butylbenzene
Concen: 80.931 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 91 Resp: 3983461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 48.7 | 26.3 | 78.9 |
| 134 | 0.0 | 13.3 | 39.8# |



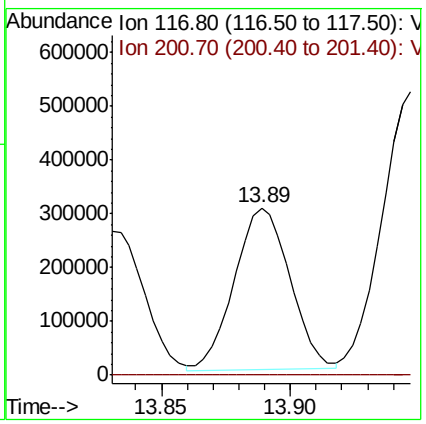


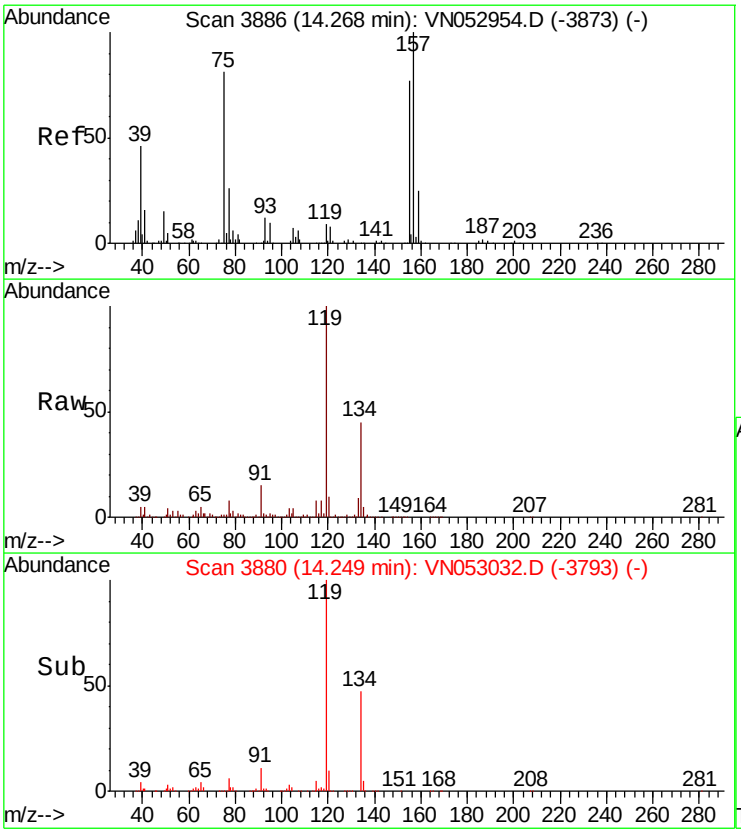

#90
Hexachloroethane
Concen: 51.296 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion:117 Resp: 450360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 45.7 | 137.1# |

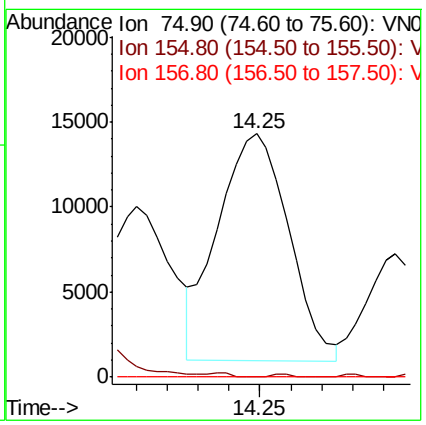


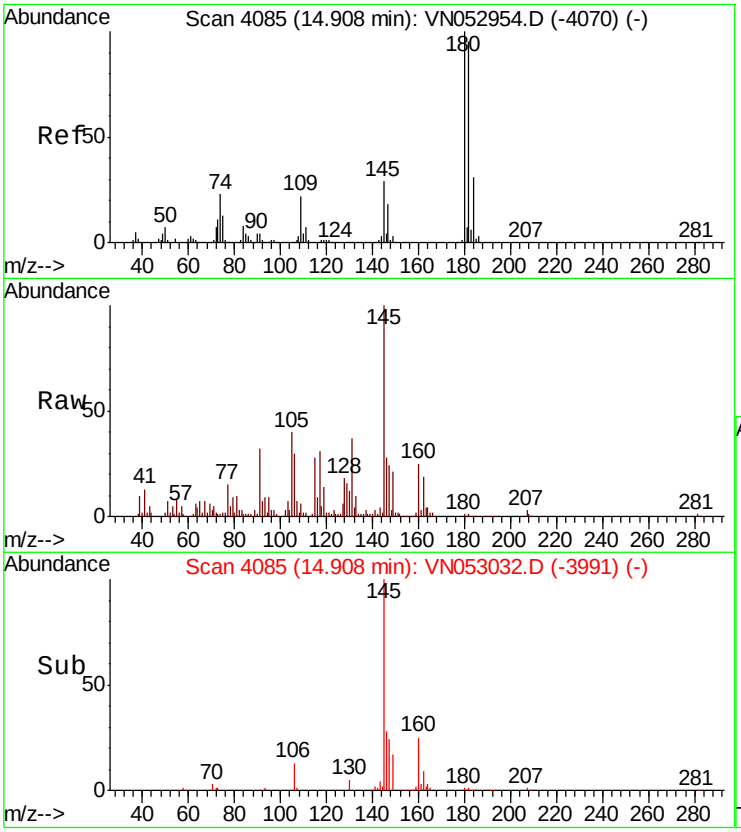




#92
1,2-Dibromo-3-Chloropropane
Concen: 9.259 ug/l
RT: 14.25 min Scan# 3880
Delta R.T. -0.02 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion: 75 Resp: 21329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 48.2 | 144.6# |
| 157 | 0.0 | 61.2 | 183.5# |



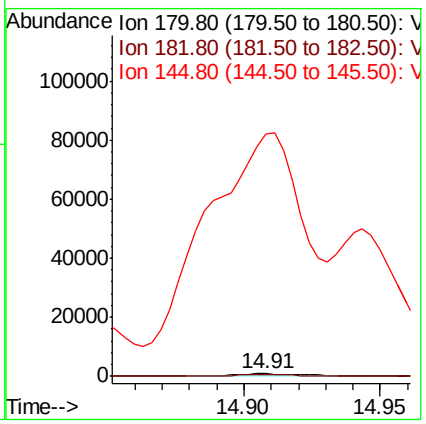


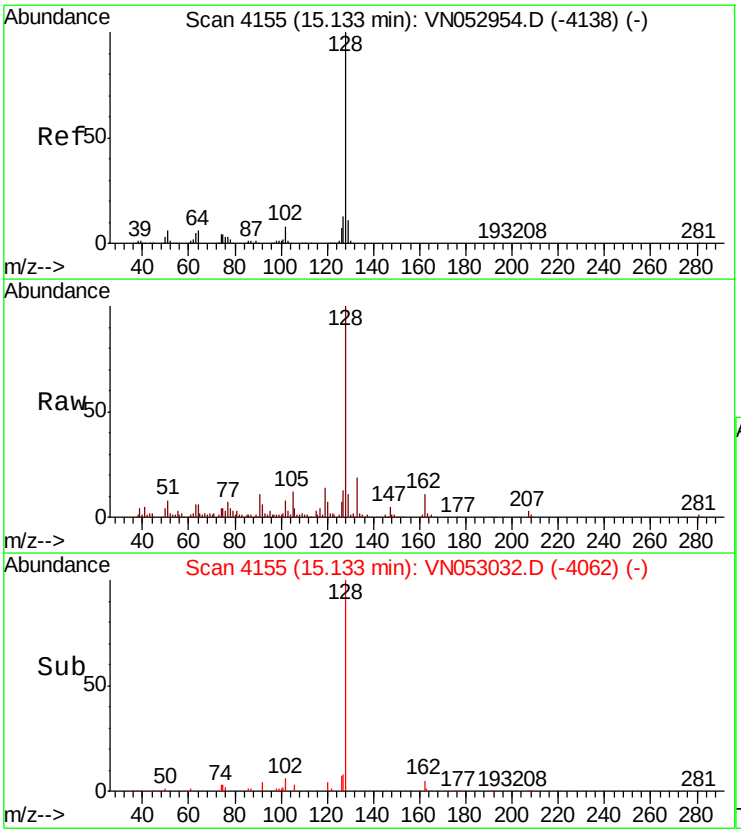

#93
1,2,4-Trichlorobenzene
Concen: 0.691 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion:180 Resp: 1504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 81.7 | 47.8 | 143.3 |
| 145 | 11566.2 | 14.2 | 42.6# |

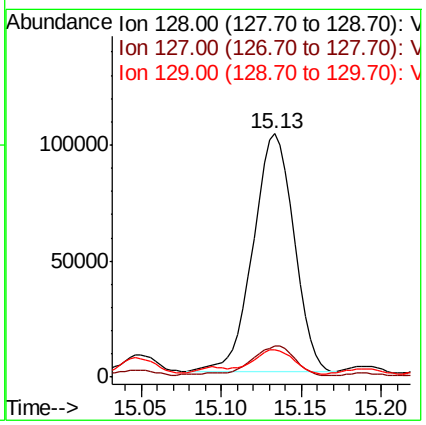


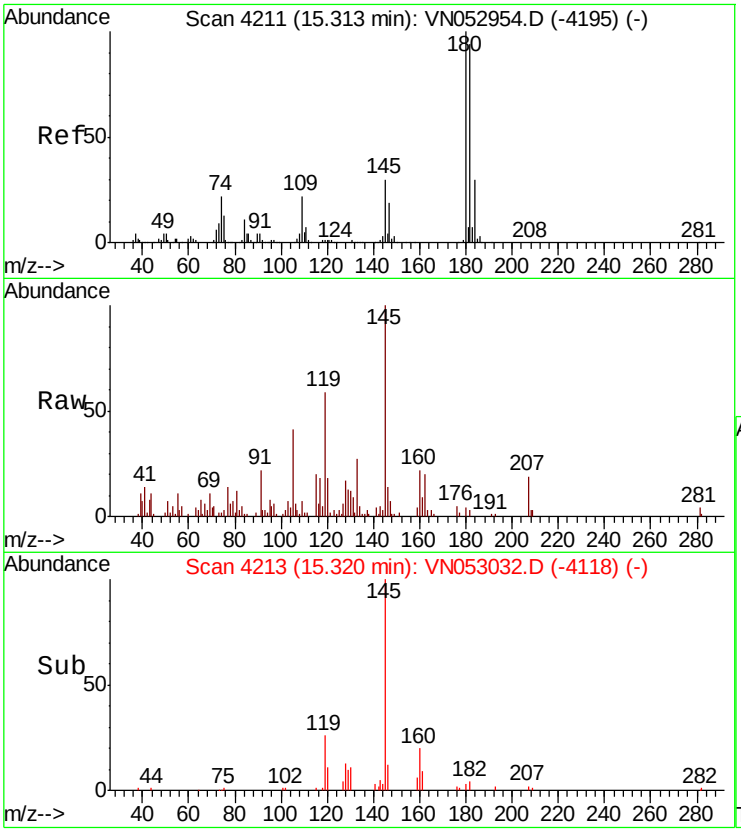




#95
Naphthalene
Concen: 6.331 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

Tgt Ion:128 Resp: 181060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.6 | 10.2 | 15.4 |
| 129 | 10.0 | 8.6 | 13.0 |






#96
1,2,3-Trichlorobenzene
Concen: 0.535 ug/l
RT: 15.32 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN053032.D
Acq: 20 Dec 2018 1:30

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

Tgt Ion:180 Resp: 378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 202.1 | 47.9 | 143.7# |
| 145 | 0.0 | 15.0 | 45.0# |