Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
Data File : VN051304.D
Acq On : 18 Sep 2018 17:53
Operator : MD\SY
Sample : J4951-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** RB48380RT

Quant Time: Sep 19 01:56:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 411096 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 635337 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 522501 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 178657 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 227221 | 50.86 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.72% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 240078 | 48.63 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.26% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 822203 | 45.05 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.10% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 223507 | 38.51 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 77.02% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.82 | 43 | 29728 | 21.139 | ug/l | 96 |
| 18) Methyl Acetate | 4.34 | 43 | 12796 | 3.521 | ug/l # | 64 |
| 20) Methylene Chloride | 4.56 | 84 | 163664 | 33.469 | ug/l | 97 |
| 30) Chloroform | 7.38 | 83 | 24456 | 3.009 | ug/l | 97 |
| 43) Isopropyl Acetate | 8.17 | 43 | 148328 | 24.246 | ug/l # | 91 |
| 68) m/p-Xylenes | 11.62 | 106 | 20806 | 2.600 | ug/l | 95 |
| 69) o-Xylene | 11.95 | 106 | 9732 | 1.276 | ug/l | 91 |
| 70) Styrene | 11.97 | 104 | 4082 | 1.539 | ug/l # | 79 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 13489 | 1.120 | ug/l | 97 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 40937 | 3.499 | ug/l | 98 |
| 95) Naphthalene | 15.13 | 128 | 75289 | 17.794 | ug/l | 100 |

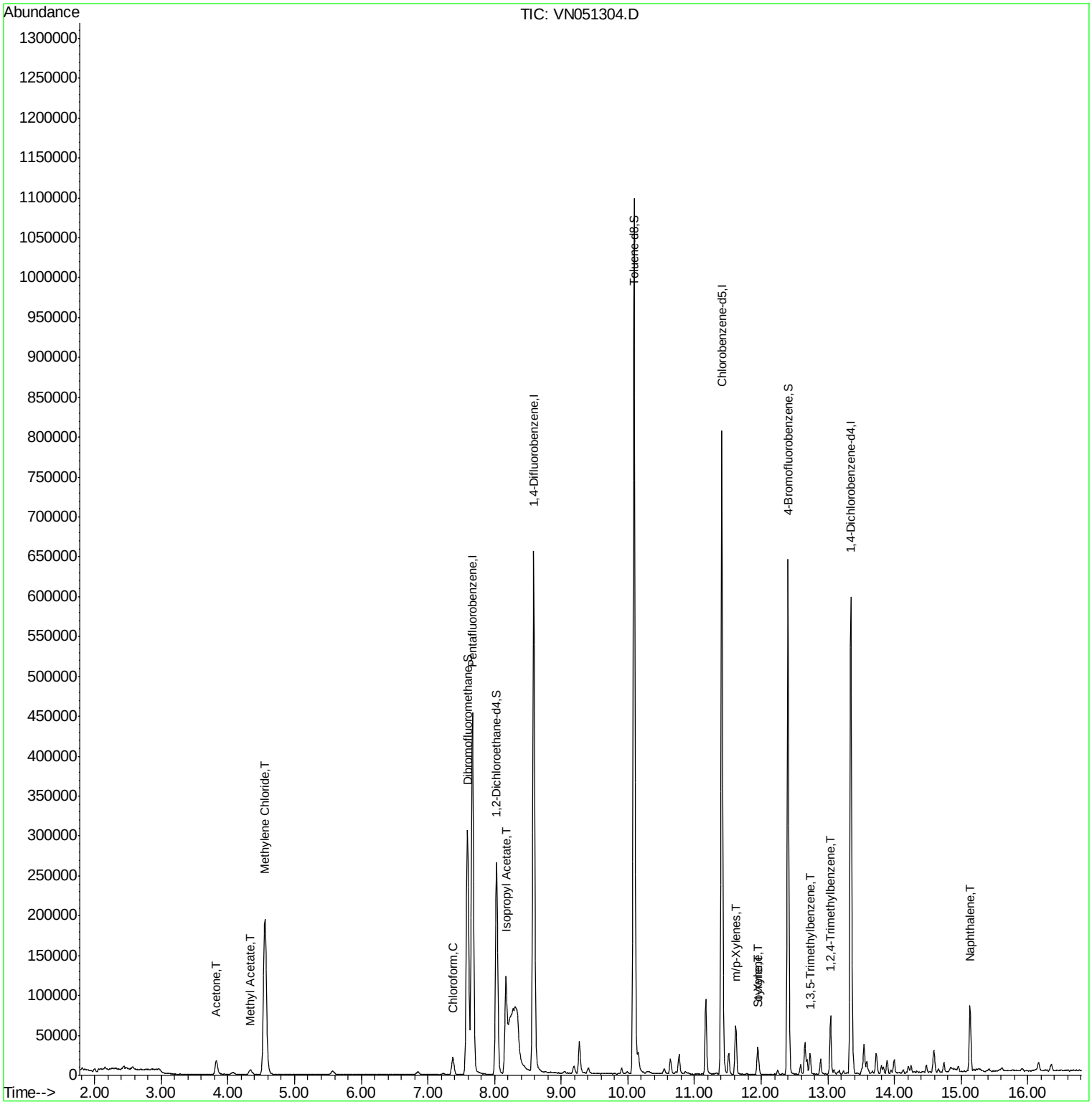
(#) = qualifier out of range (m) = manual integration (+) = signals summed

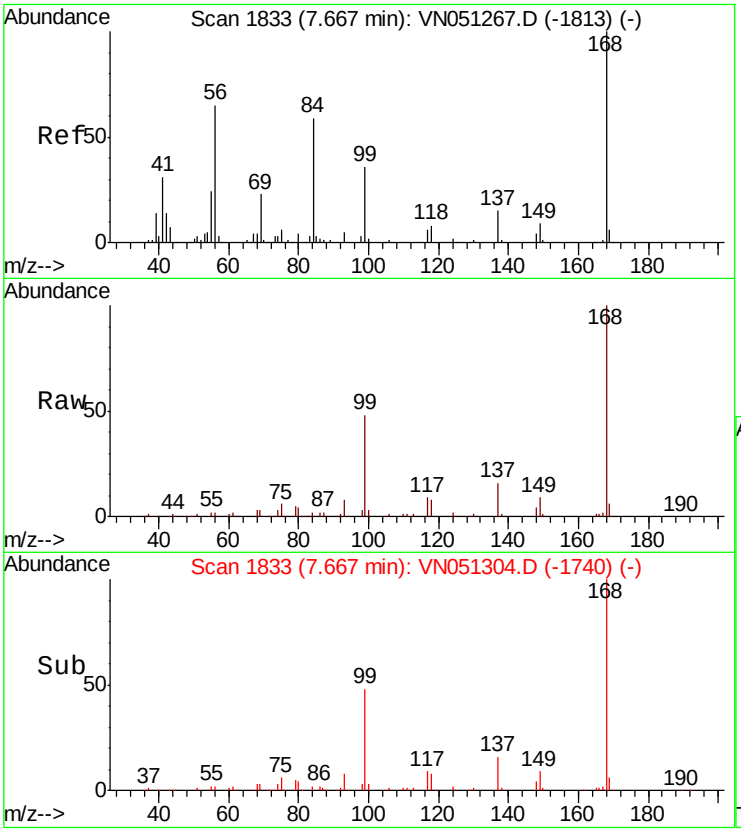
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
Data File : VN051304.D
Acq On : 18 Sep 2018 17:53
Operator : MD\SY
Sample : J4951-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
RB48380RT

Quant Time: Sep 19 01:56:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration



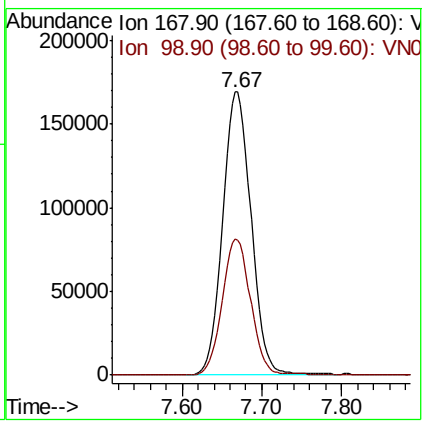


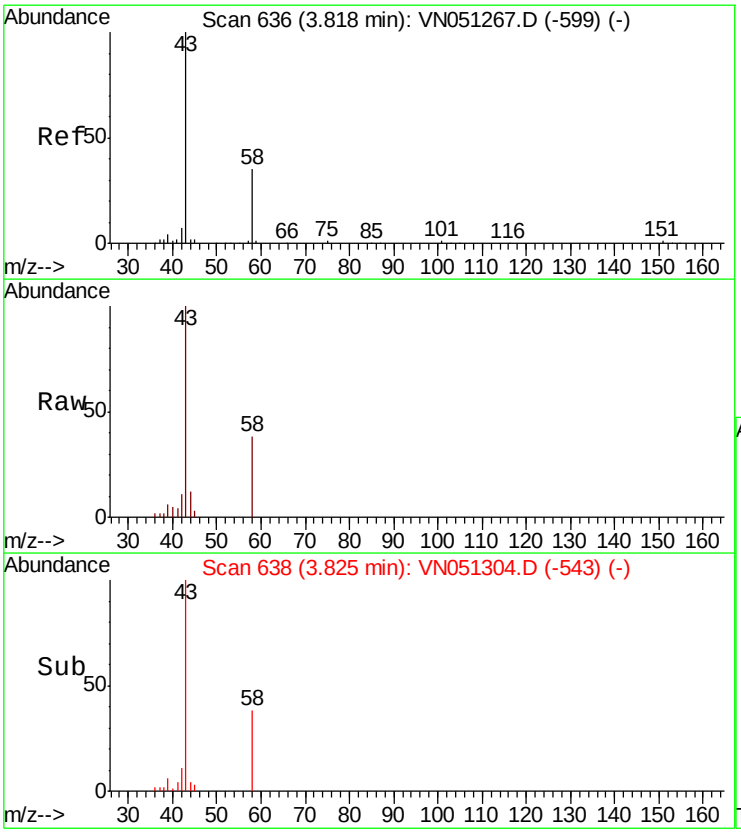

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
RB48380RT

Tgt Ion:168 Resp: 411096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.1 | 38.2 | 57.4 |

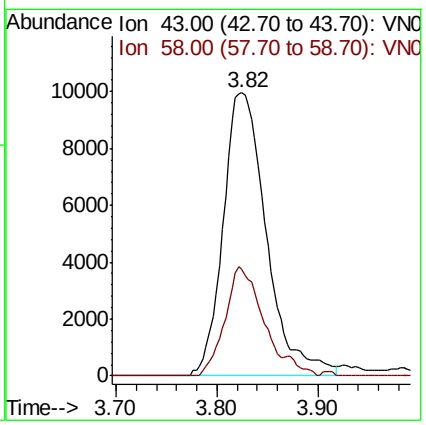


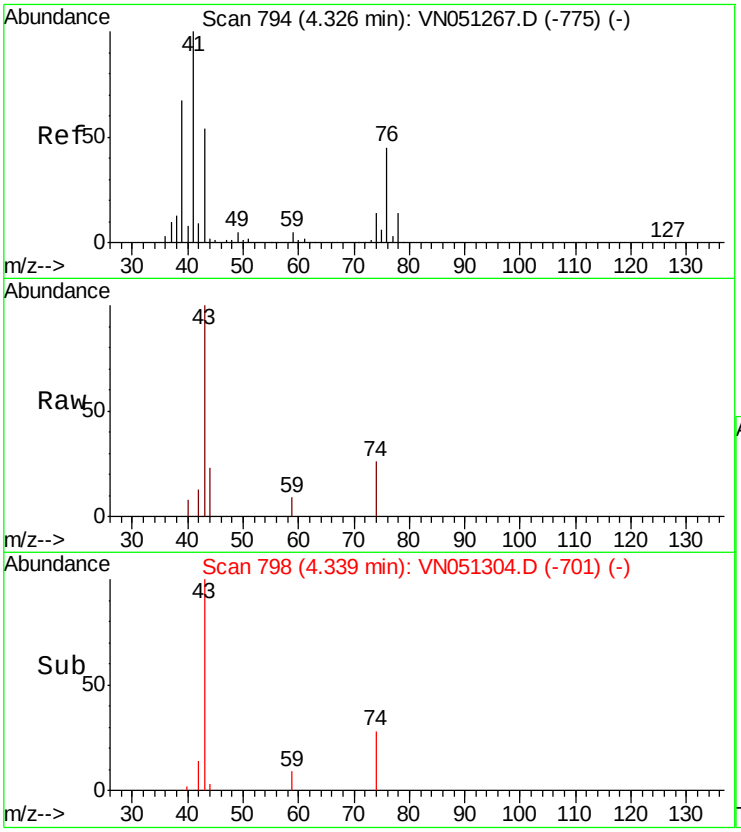




#16
Acetone
Concen: 21.139 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

Tgt Ion: 43 Resp: 29728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.6 | 28.2 | 42.2 |



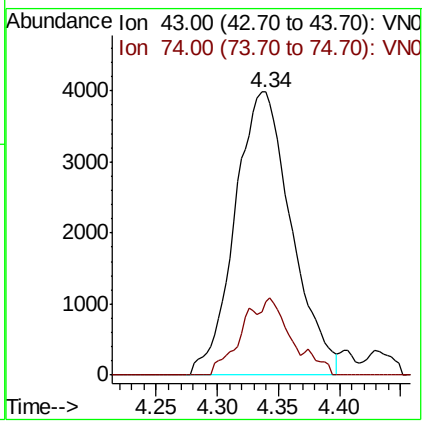


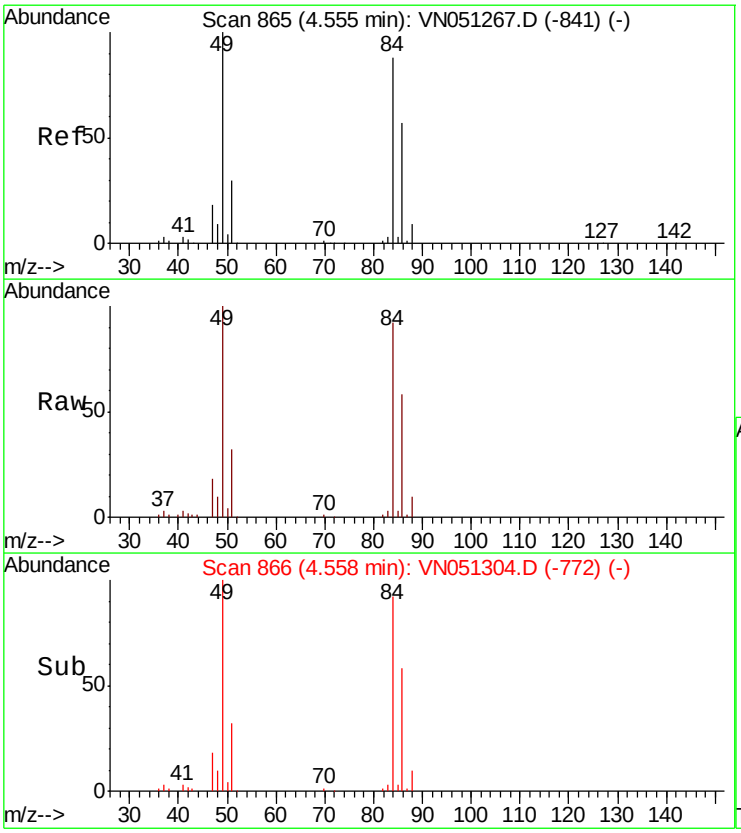

#18
Methyl Acetate
Concen: 3.521 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
RB48380RT

Tgt Ion: 43 Resp: 12796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 7.6 | 20.8 | 31.2# |

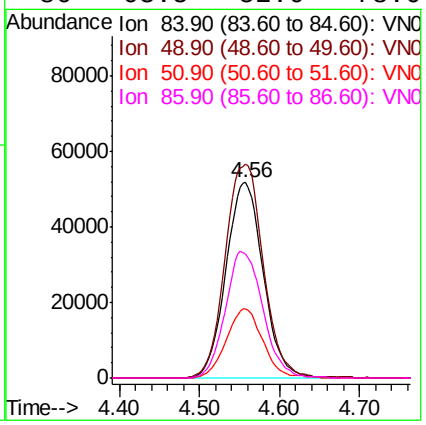


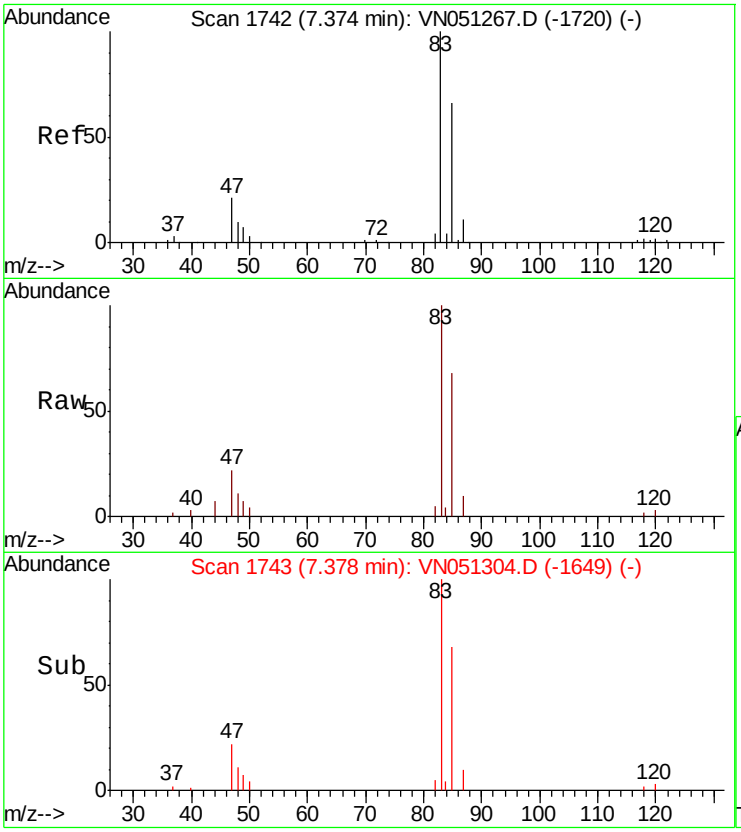




#20
Methylene Chloride
Concen: 33.469 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

Tgt Ion: 84 Resp: 163664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 109.3 | 91.2 | 136.8 |
| 51 | 35.1 | 27.7 | 41.5 |
| 86 | 63.5 | 52.0 | 78.0 |



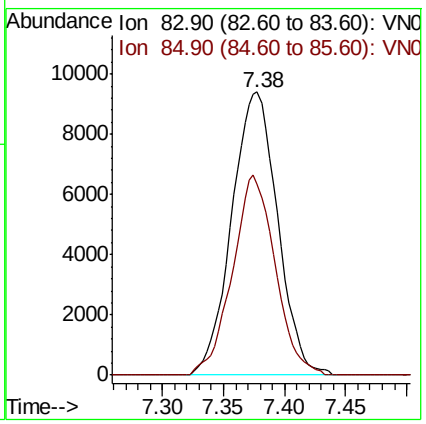


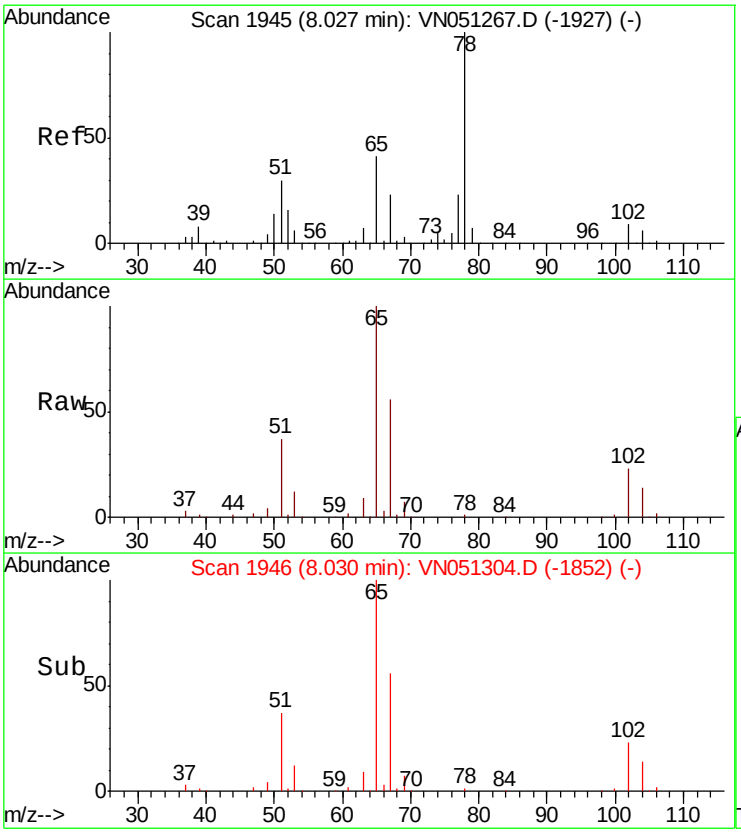

#30
Chloroform
Concen: 3.009 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
RB48380RT

Tgt Ion: 83 Resp: 24456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.6 | 52.4 | 78.6 |

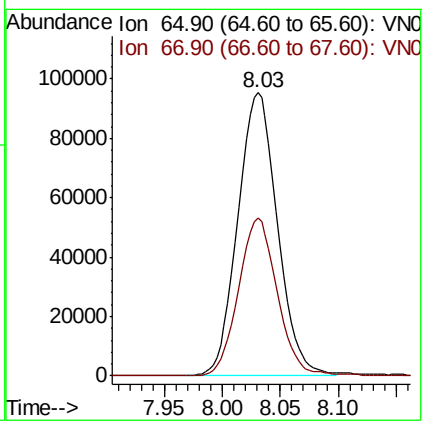


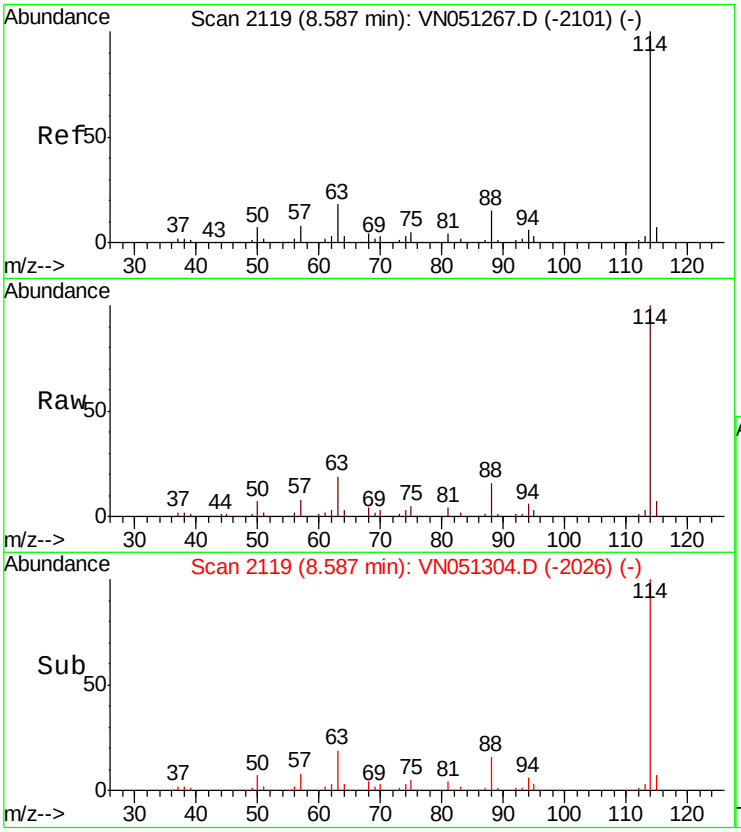




#33
1,2-Dichloroethane-d4
Concen: 50.858 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

Tgt Ion: 65 Resp: 227221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.3 | 0.0 | 111.0 |



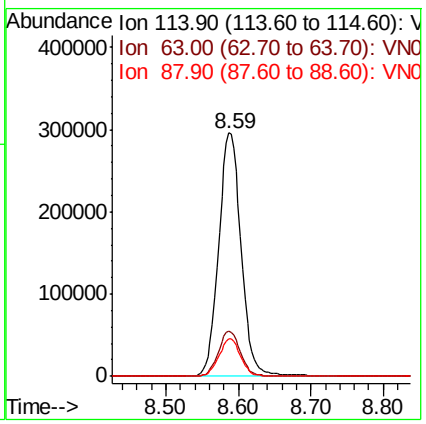


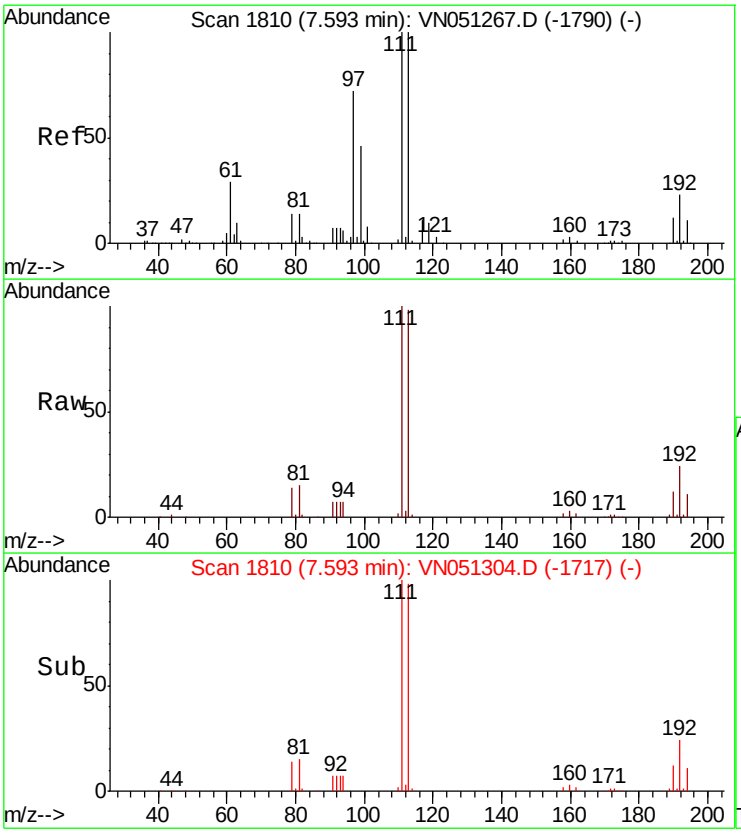

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
RB48380RT

Tgt Ion:114 Resp: 635337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.6 | 0.0 | 36.8 |
| 88 | 15.6 | 0.0 | 30.8 |

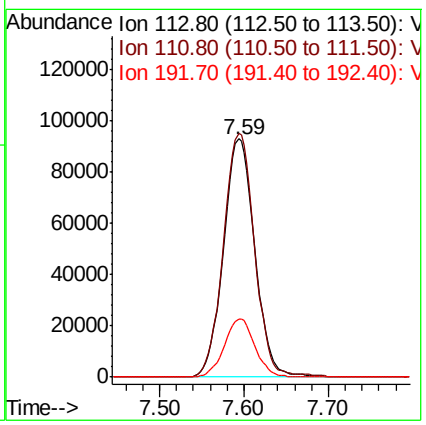


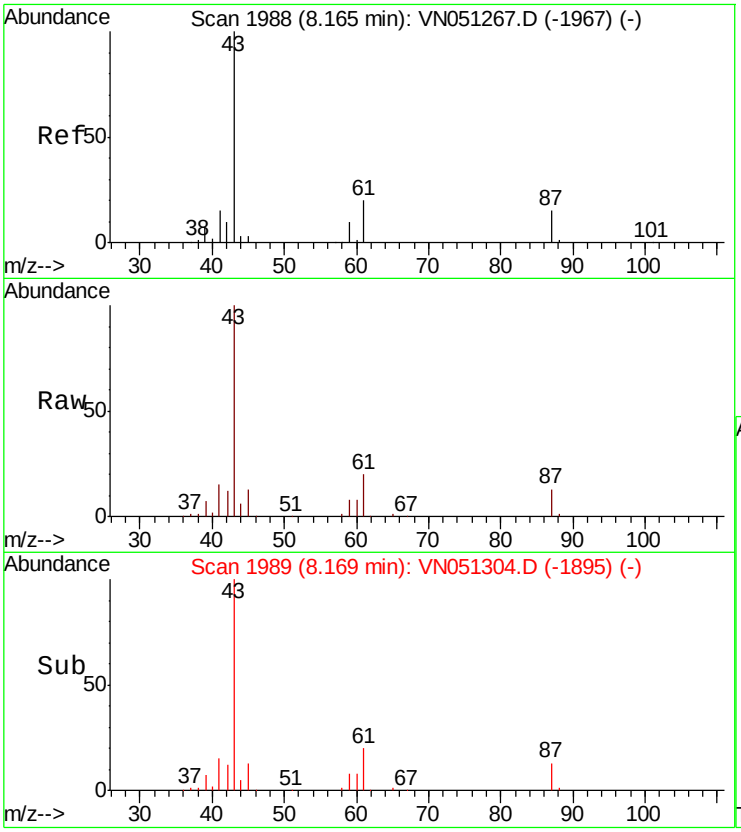




#35
Dibromofluoromethane
Concen: 48.627 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

Tgt Ion:113 Resp: 240078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.2 | 82.2 | 123.4 |
| 192 | 23.8 | 19.0 | 28.6 |



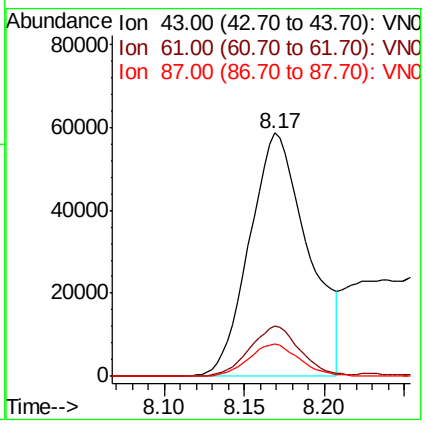


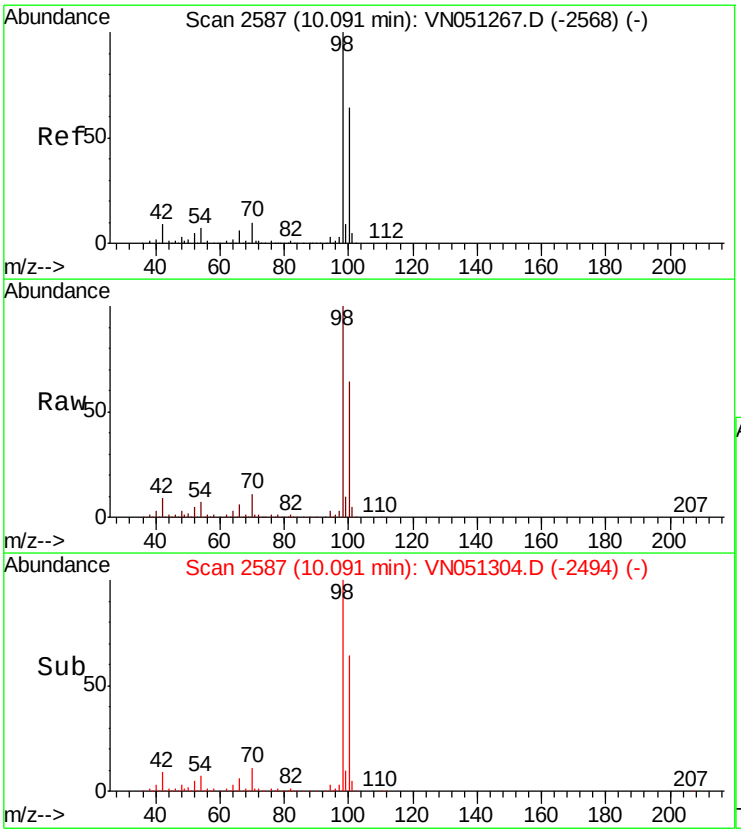

#43
Isopropyl Acetate
Concen: 24.246 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

**Instrument :** MSVOA_N
**ClientSampleId :** RB48380RT

Tgt Ion: 43 Resp: 148328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.6 | 17.4 | 26.2 |
| 87 | 11.5 | 12.2 | 18.4# |

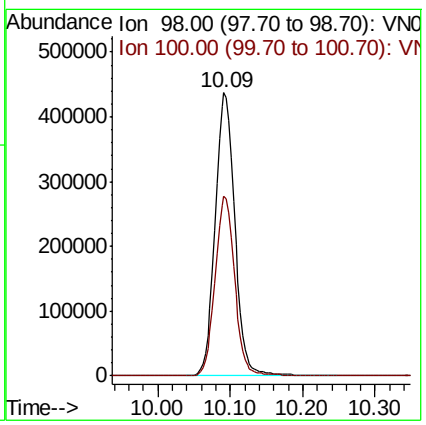


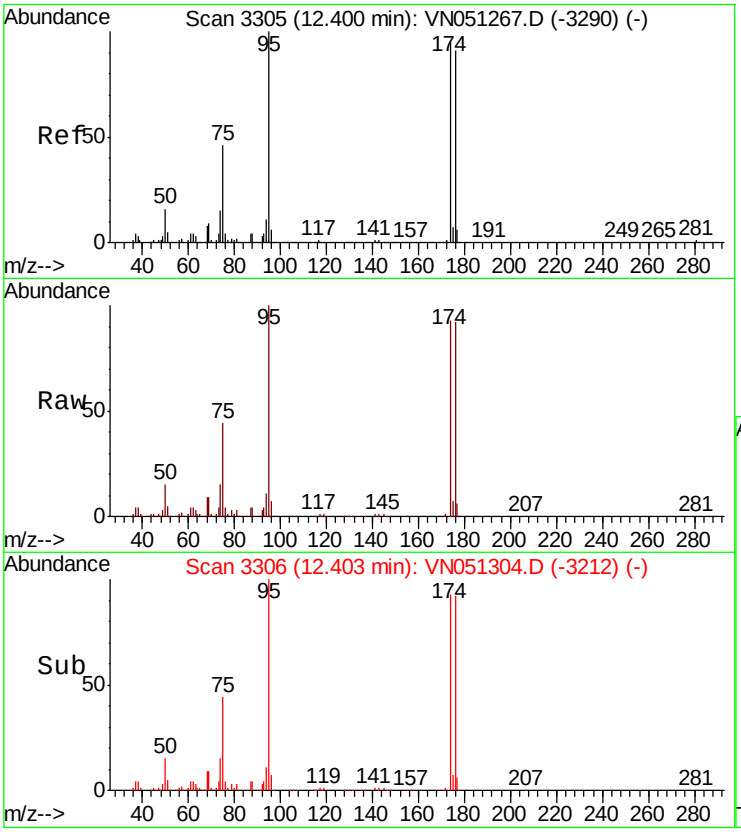




#50
Toluene-d8
Concen: 45.054 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

Tgt Ion: 98 Resp: 822203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.4 | 51.6 | 77.4 |



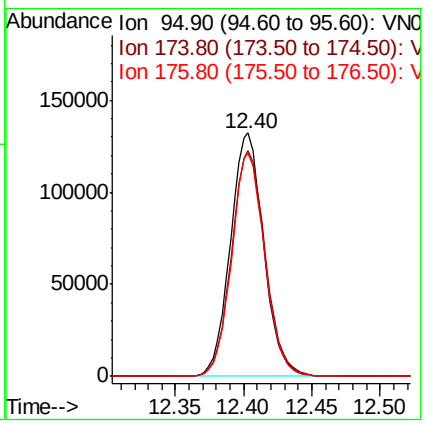


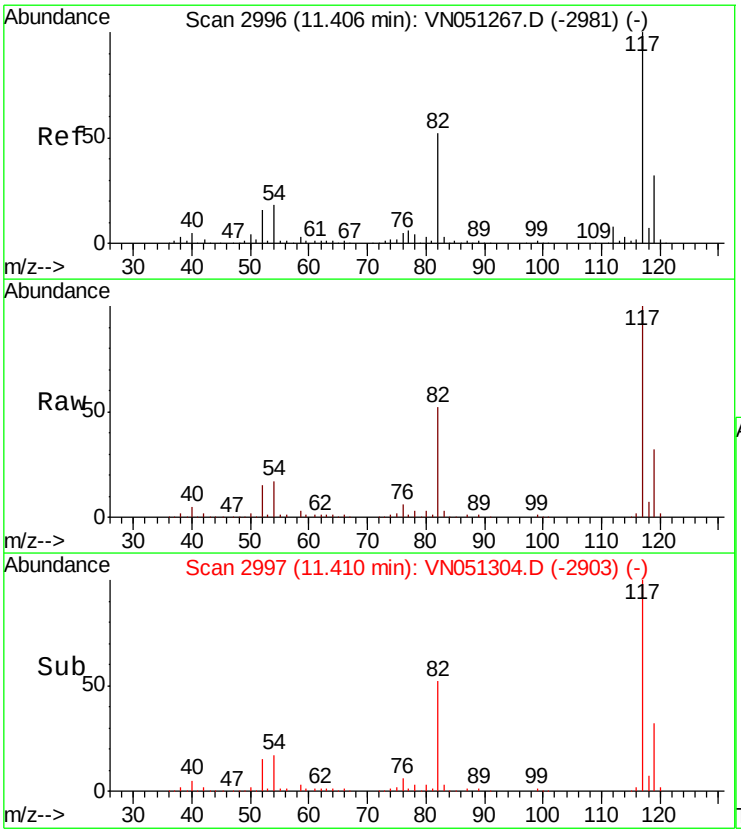

#62
4-Bromofluorobenzene
Concen: 38.506 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
RB48380RT

Tgt Ion: 95 Resp: 223507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 94.3 | 0.0 | 189.6 |
| 176 | 91.2 | 0.0 | 182.6 |

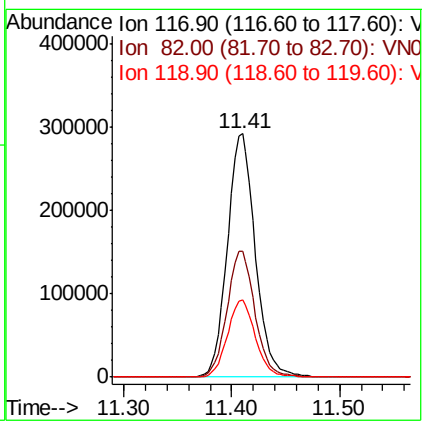


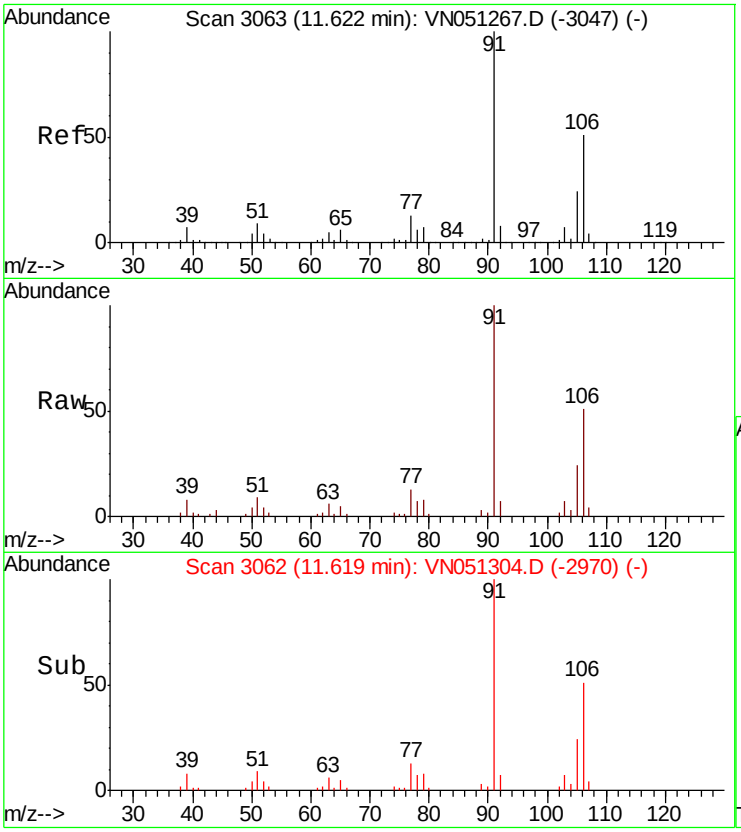




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

Tgt Ion:117 Resp: 522501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.6 | 41.8 | 62.8 |
| 119 | 31.8 | 25.6 | 38.4 |



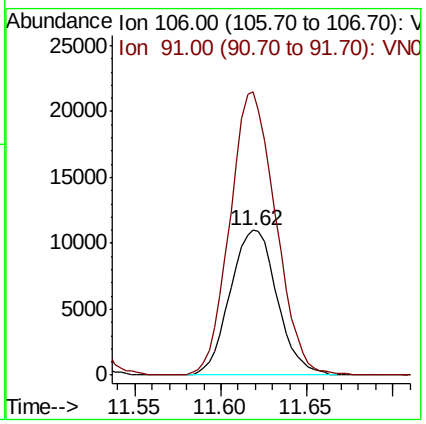


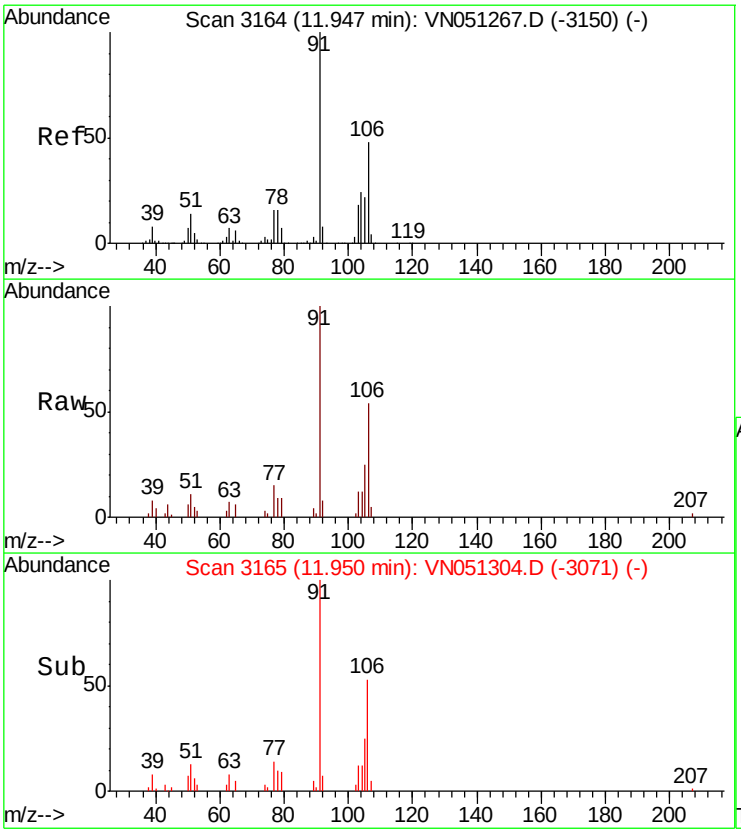

#68
m/p-Xylenes
Concen: 2.600 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

**Instrument :** MSVOA_N
**ClientSampleId :** RB48380RT

Tgt Ion:106 Resp: 20806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 191.2 | 158.6 | 238.0 |

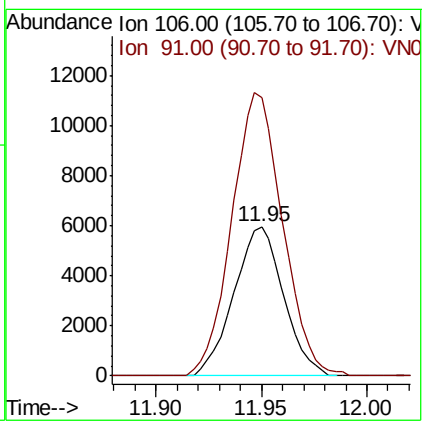


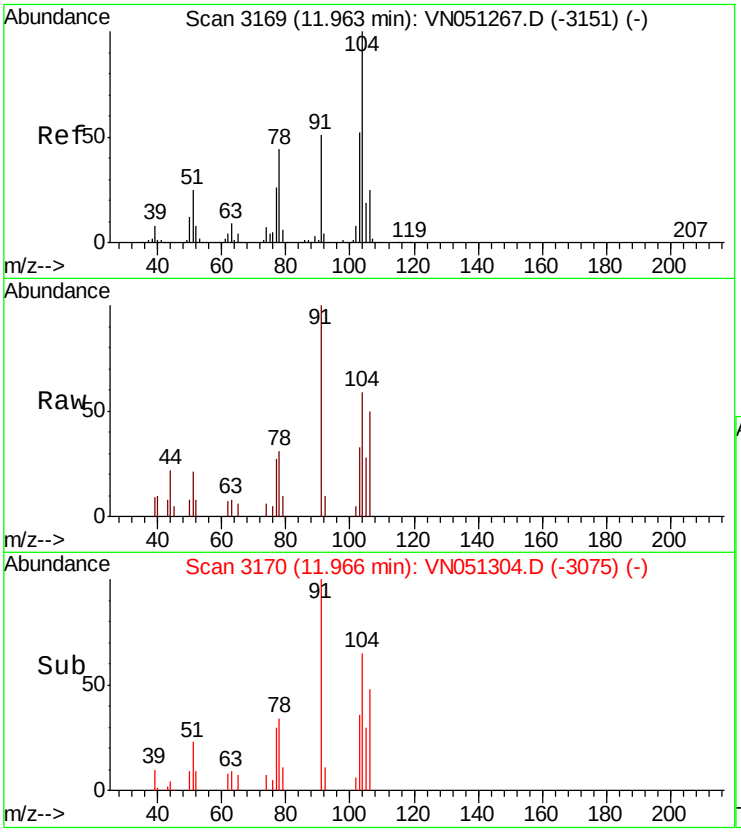




#69
o-Xylene
Concen: 1.276 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

Tgt Ion:106 Resp: 9732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 194.2 | 104.1 | 312.3 |



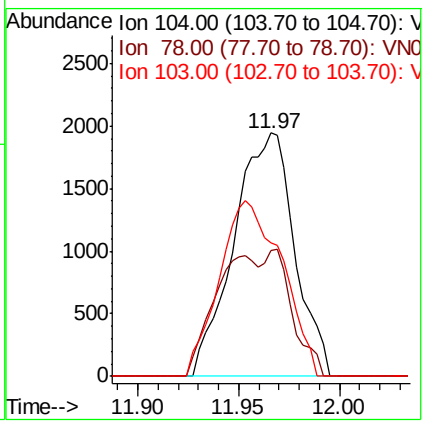


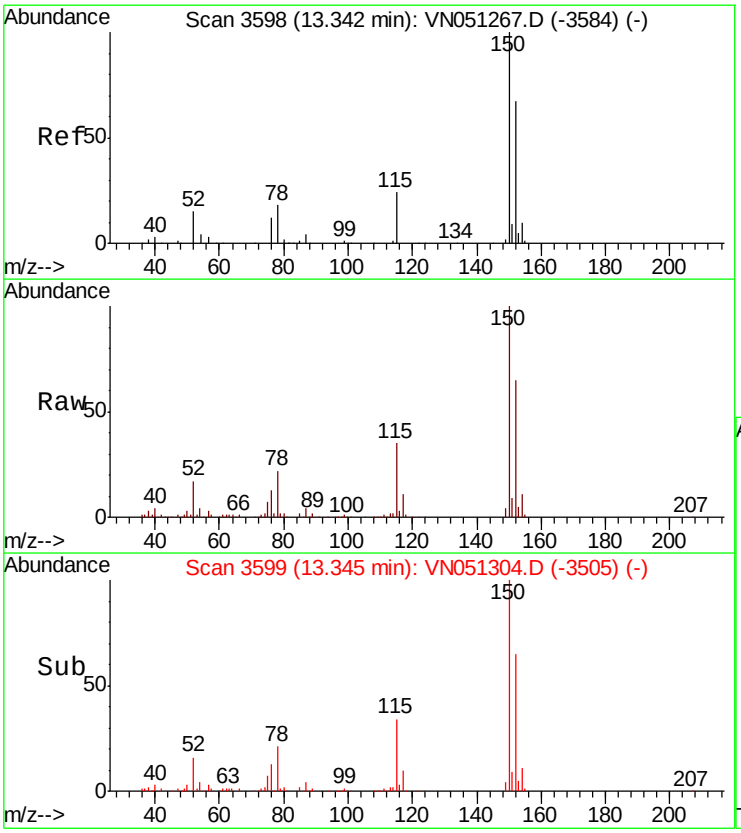

#70
Styrene
Concen: 1.539 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

**Instrument :** MSVOA_N
**ClientSampleId :** RB48380RT

Tgt Ion:104 Resp: 4082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 36.5 | 38.1 | 57.1# |
| 103 | 74.6 | 44.8 | 67.2# |

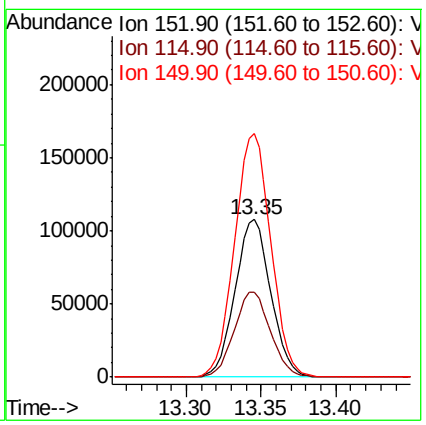


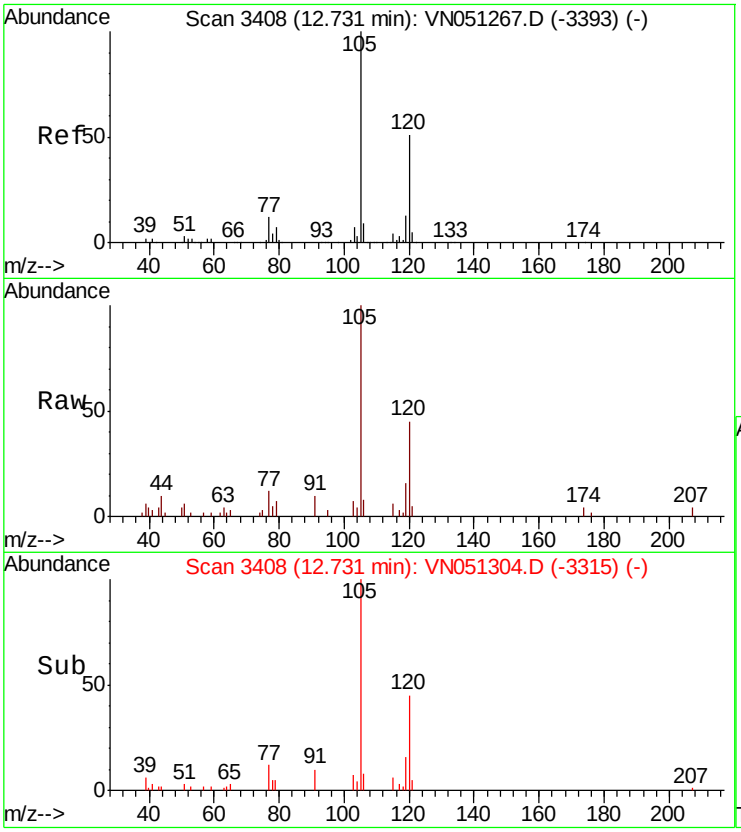




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

Tgt Ion:152 Resp: 178657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.7 | 27.1 | 81.2 |
| 150 | 157.2 | 0.0 | 349.0 |



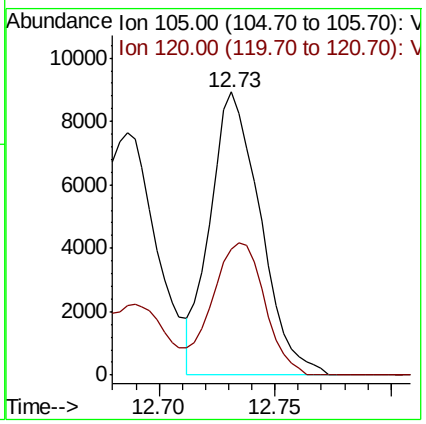


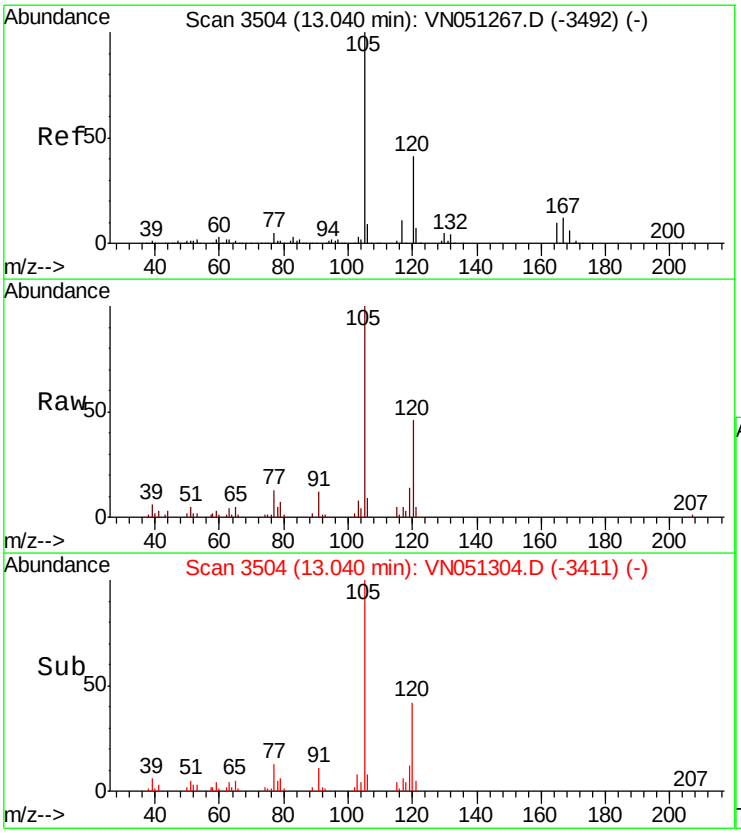

#80
1,3,5-Trimethylbenzene
Concen: 1.120 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
RB48380RT

Tgt Ion:105 Resp: 13489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.3 | 25.3 | 75.8 |

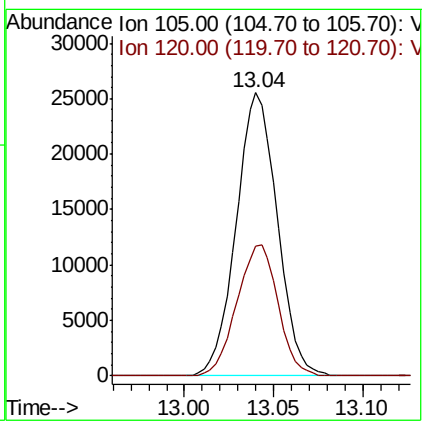


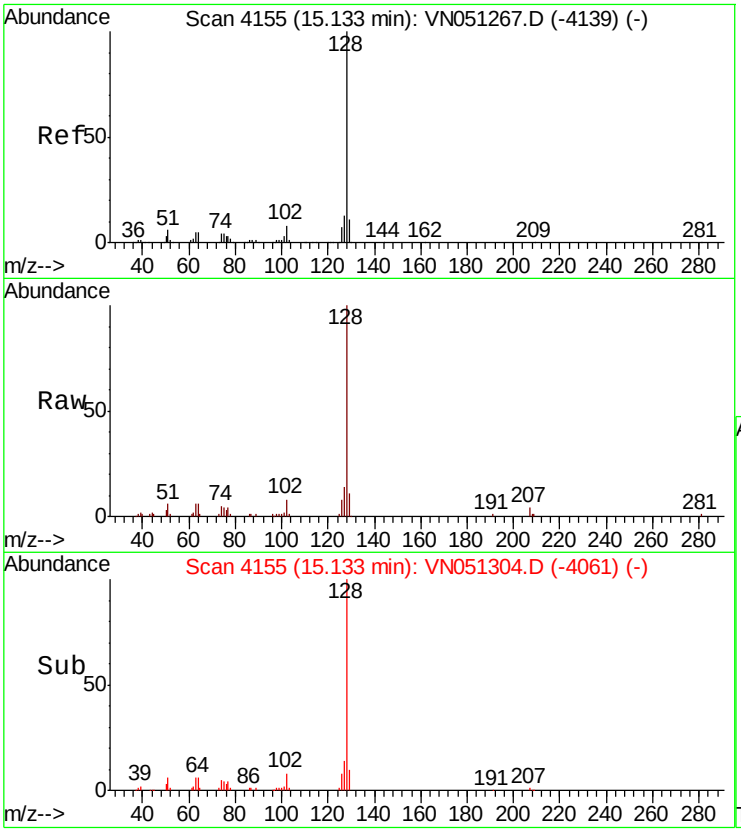




#84
1,2,4-Trimethylbenzene
Concen: 3.499 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

Tgt Ion:105 Resp: 40937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.0 | 23.5 | 70.6 |






#95
Naphthalene
Concen: 17.794 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051304.D
Acq: 18 Sep 2018 17:53

**Instrument :**
MSVOA_N
**ClientSampleId :**
RB48380RT

Tgt Ion:128 Resp: 75289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.4 | 10.7 | 16.1 |
| 129 | 11.4 | 8.9 | 13.3 |