Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073118\
Data File : VN050211.D
Acq On : 31 Jul 2018 13:38
Operator : MD\SY
Sample : PB111613TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** PB111613TB

Quant Time: Jul 31 18:26:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 639016 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 1049733 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 890060 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 315736 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 456374 | 51.19 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.38% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 402758 | 46.99 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.98% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 1426226 | 45.26 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.52% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 386466 | 37.25 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 74.50% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.82 | 43 | 22841 | 6.649 | ug/l | 92 |
| 43) Isopropyl Acetate | 8.17 | 43 | 287128 | 17.743 | ug/l | 98 |
| 59) 2-Hexanone | 10.77 | 43 | 20696 | 8.577 | ug/l | 62 |
| 95) Naphthalene | 15.14 | 128 | 6507 | 4.827 | ug/l | 95 |

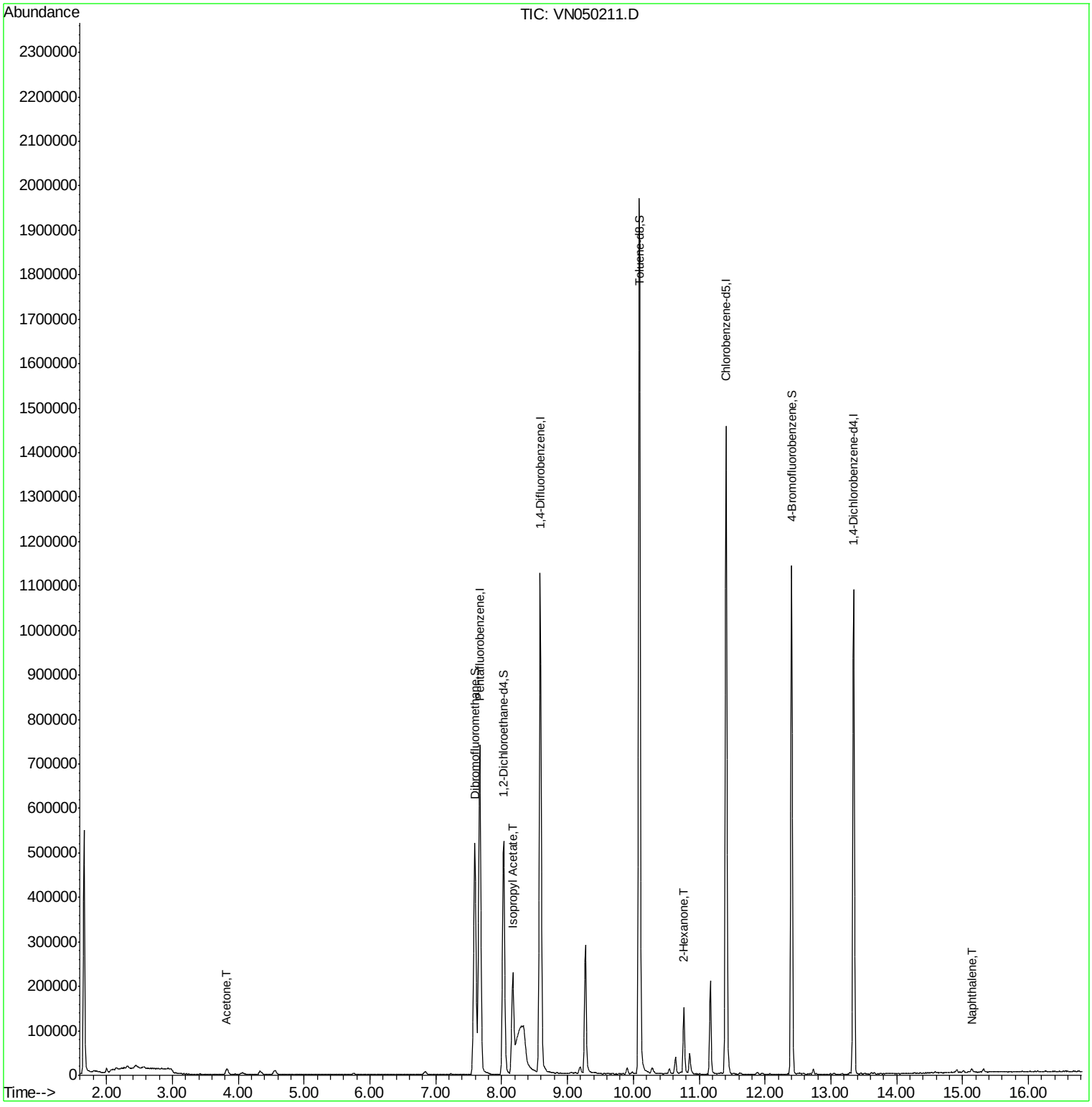
(#) = qualifier out of range (m) = manual integration (+) = signals summed

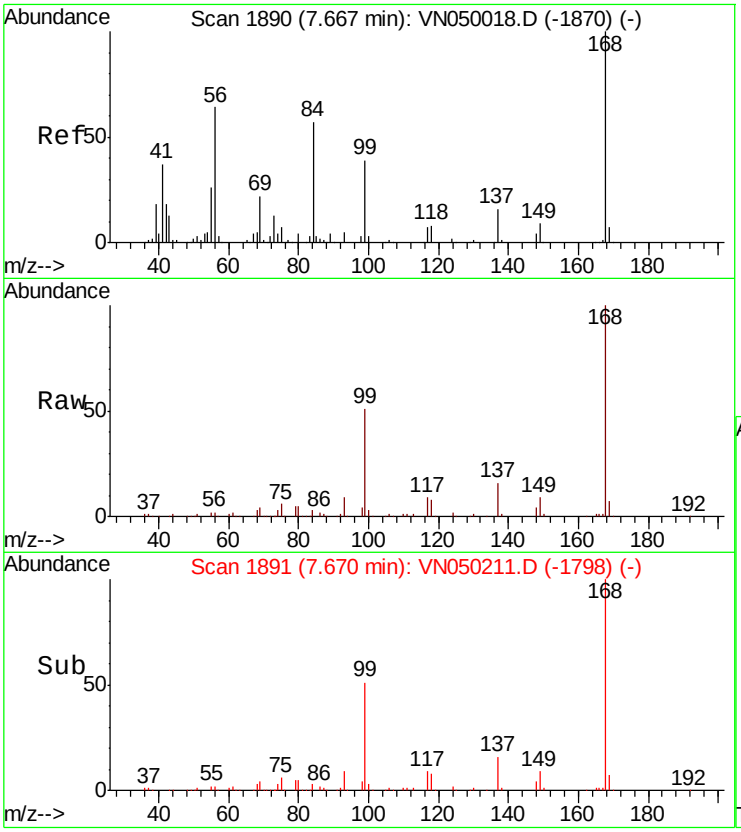
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073118\
Data File : VN050211.D
Acq On : 31 Jul 2018 13:38
Operator : MD\SY
Sample : PB111613TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB111613TB

Quant Time: Jul 31 18:26:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration



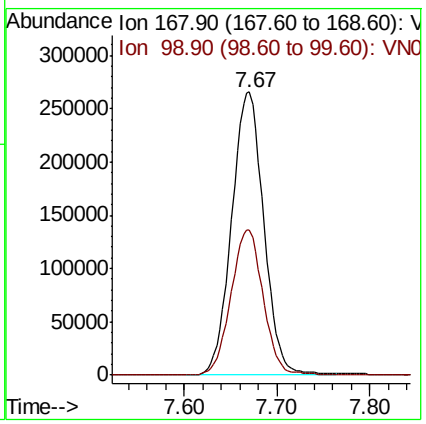


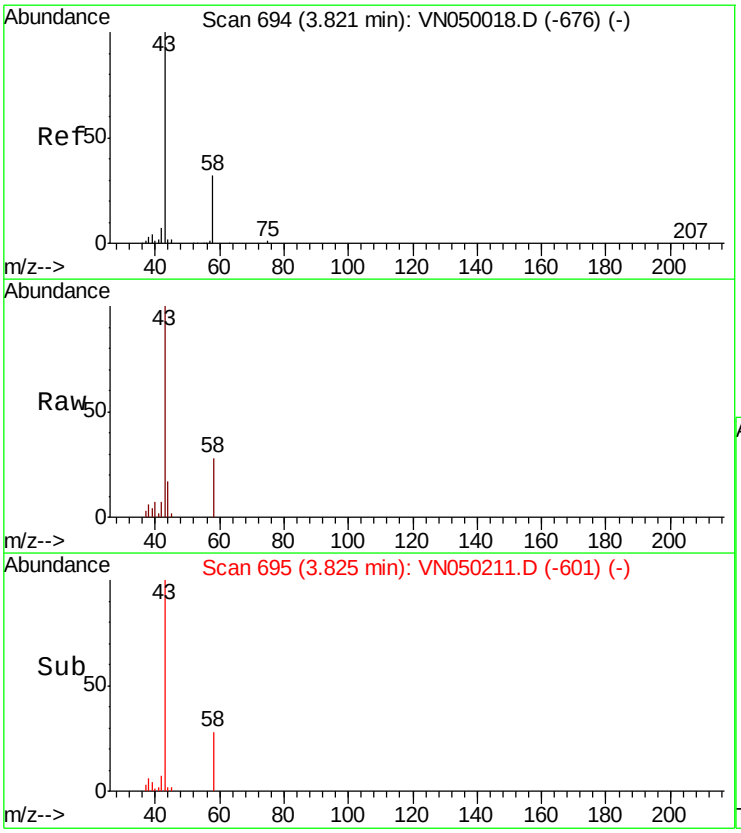

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

**Instrument :** MSVOA_N
**ClientSampleId :** PB111613TB

Tgt Ion:168 Resp: 639016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 51.2 | 40.0 | 60.0 |

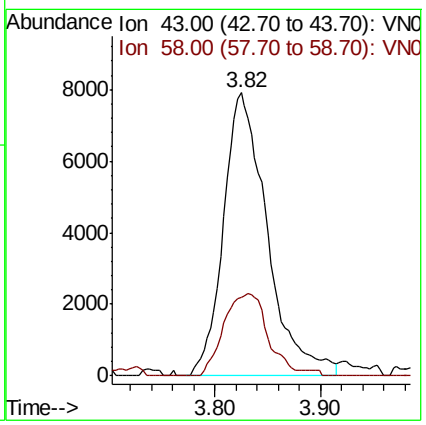


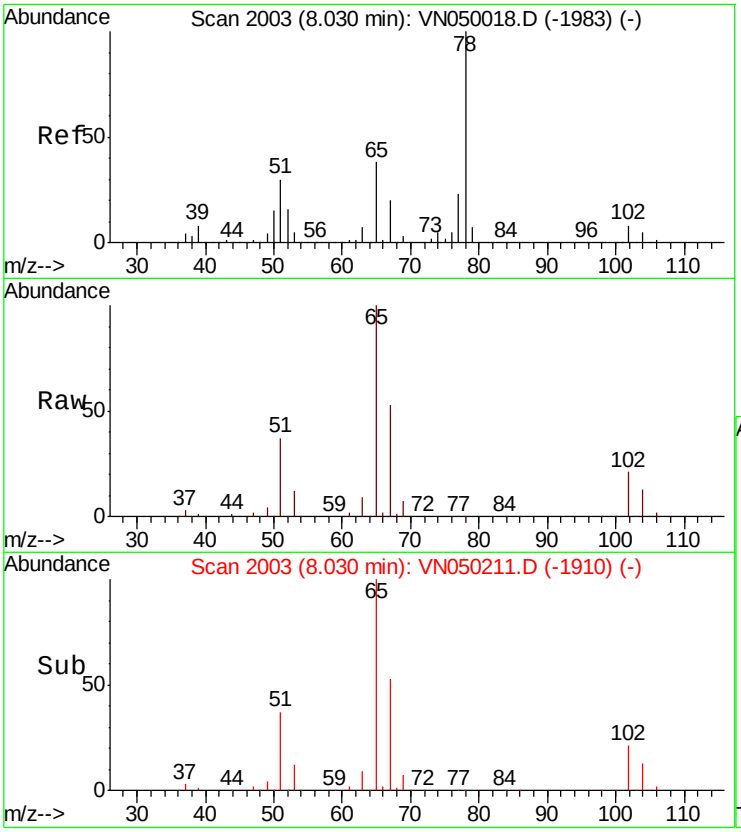




#16
Acetone
Concen: 6.649 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

Tgt Ion: 43 Resp: 22841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.8 | 25.8 | 38.8 |



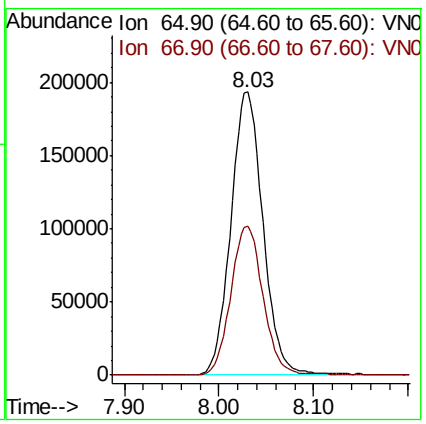


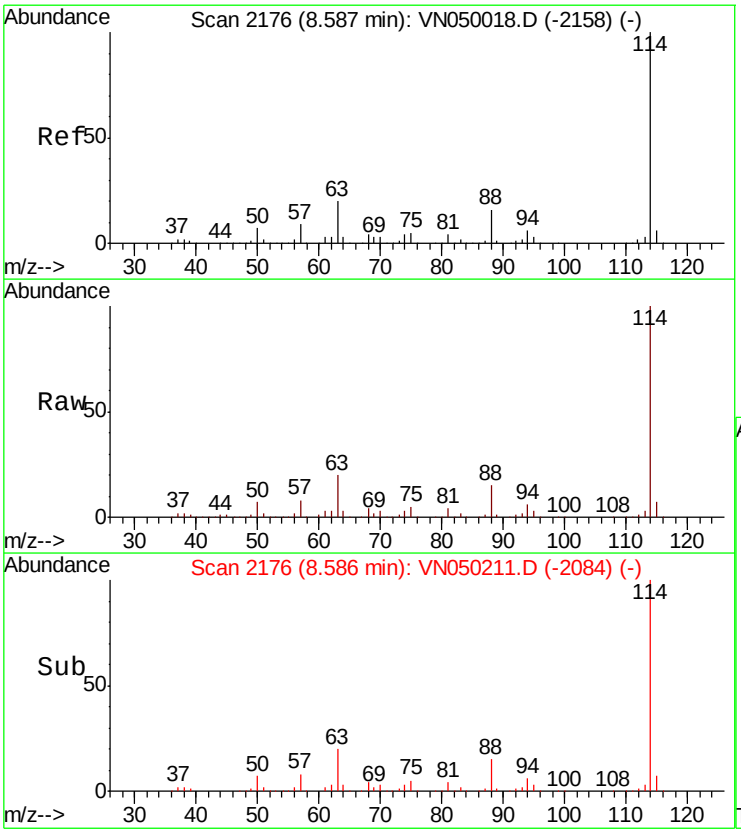

#33
1,2-Dichloroethane-d4
Concen: 51.187 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB111613TB

Tgt Ion: 65 Resp: 456374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.1 | 0.0 | 108.4 |

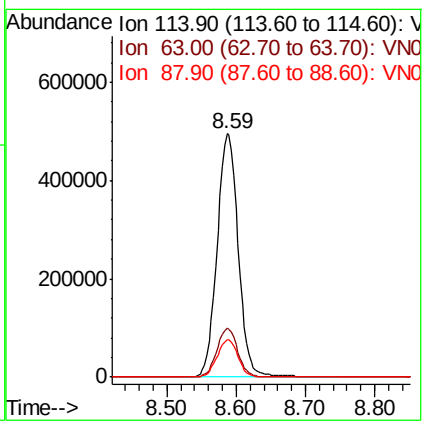


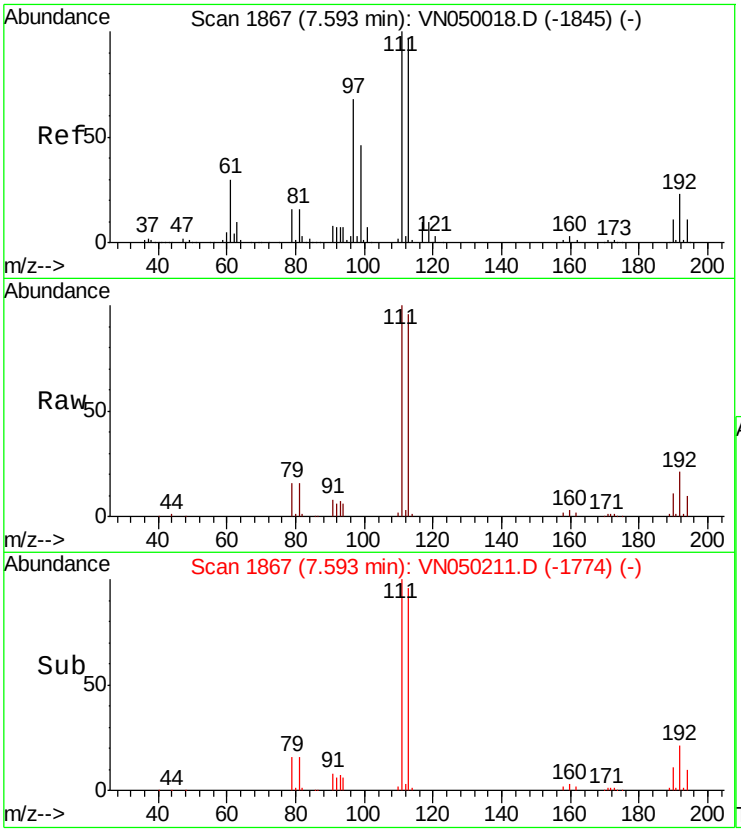




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

Tgt Ion:114 Resp: 1049733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.0 | 0.0 | 40.0 |
| 88 | 15.3 | 0.0 | 31.2 |



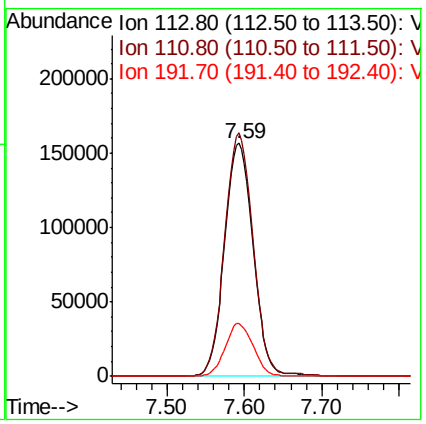


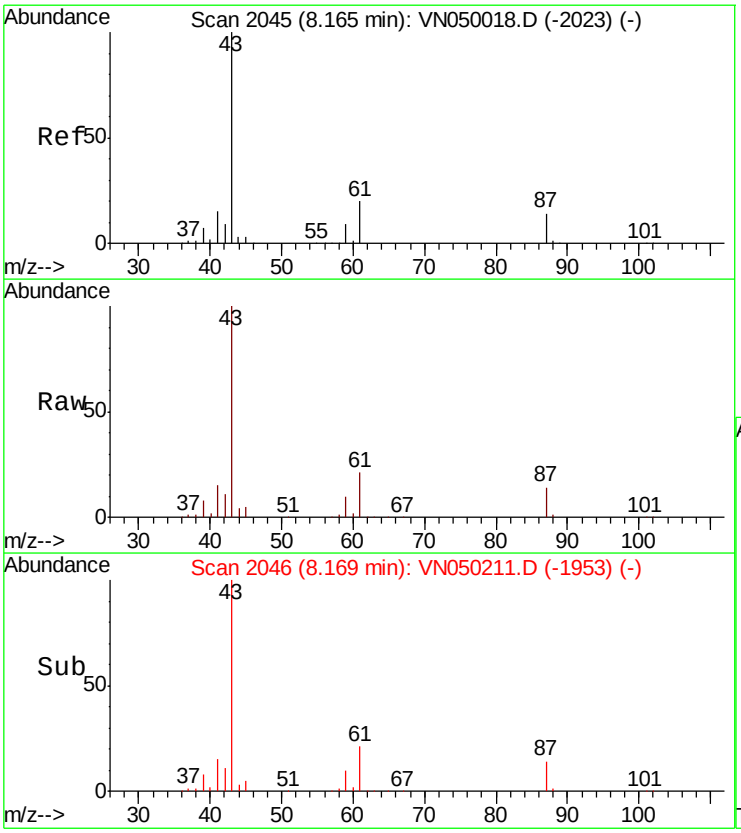

#35
Dibromofluoromethane
Concen: 46.992 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB111613TB

Tgt Ion:113 Resp: 402758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.6 | 80.7 | 121.1 |
| 192 | 22.2 | 17.8 | 26.6 |

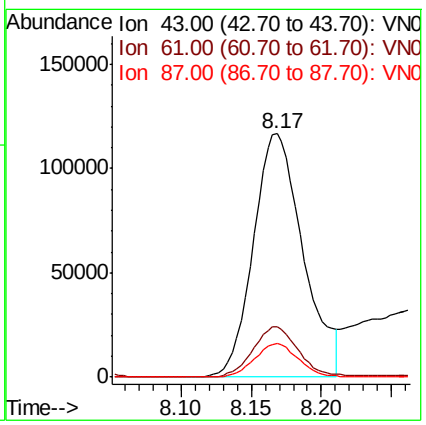


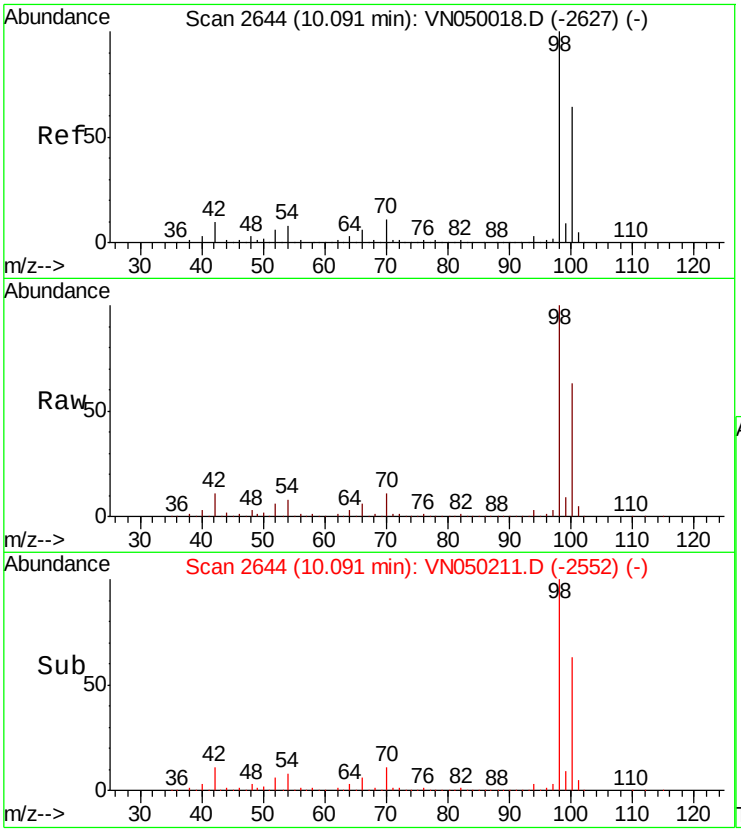




#43
Isopropyl Acetate
Concen: 17.743 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

Tgt Ion: 43 Resp: 287128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.1 | 15.8 | 23.6 |
| 87 | 12.1 | 10.3 | 15.5 |



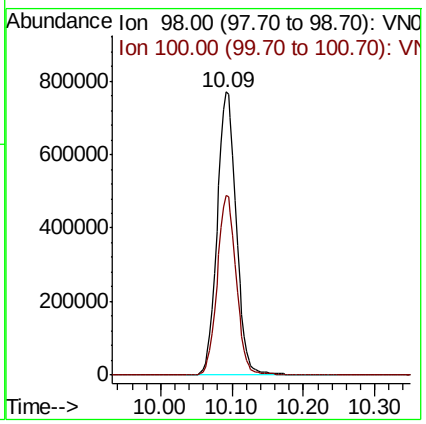


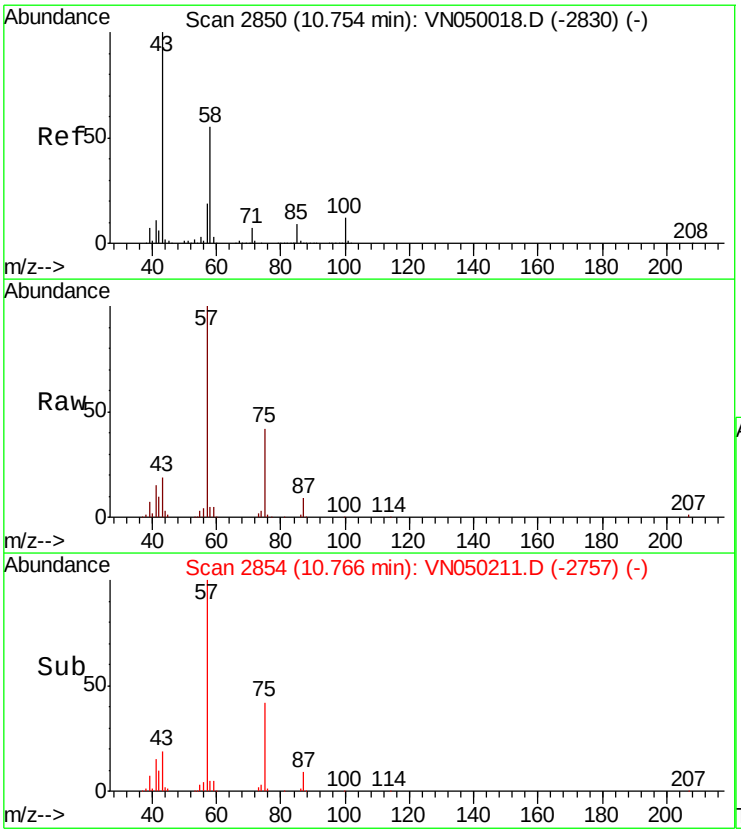

#50
Toluene-d8
Concen: 45.263 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

**Instrument :** MSVOA_N
**ClientSampleId :** PB111613TB

Tgt Ion: 98 Resp: 1426226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.3 | 50.7 | 76.1 |

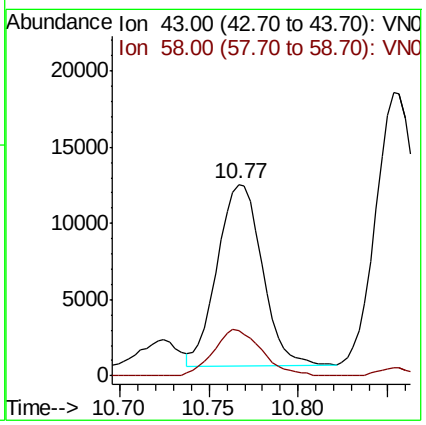


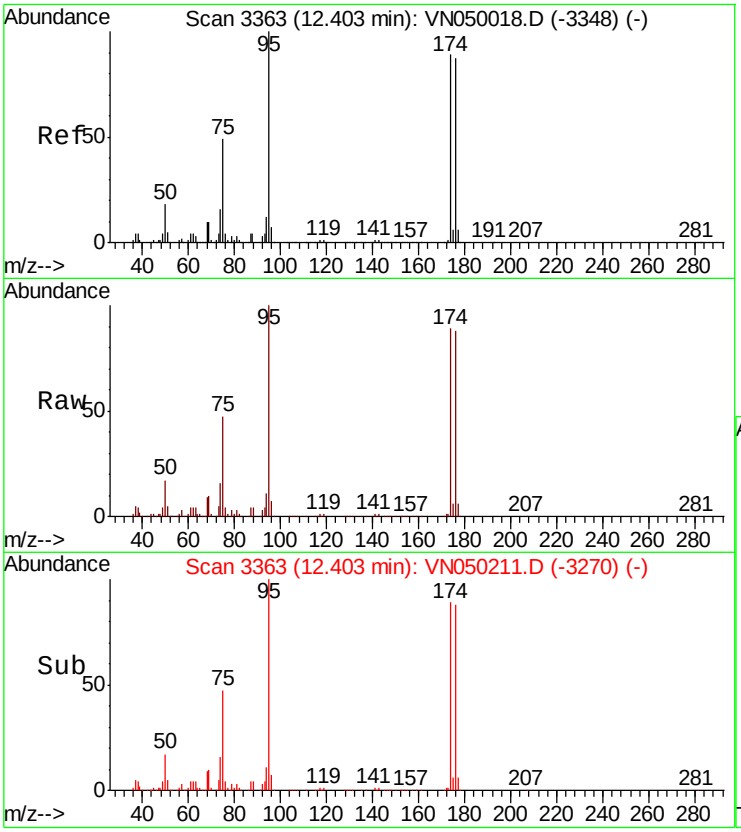




#59
2-Hexanone
Concen: 8.577 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

Tgt Ion: 43 Resp: 20696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.7 | 27.6 | 82.7 |



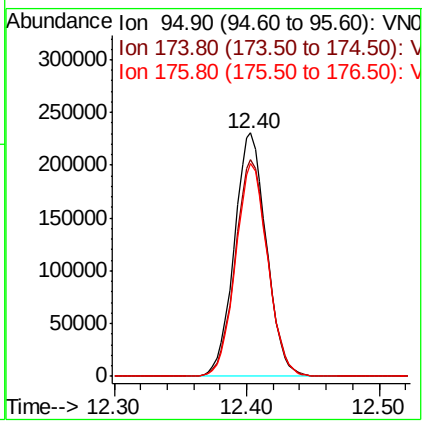


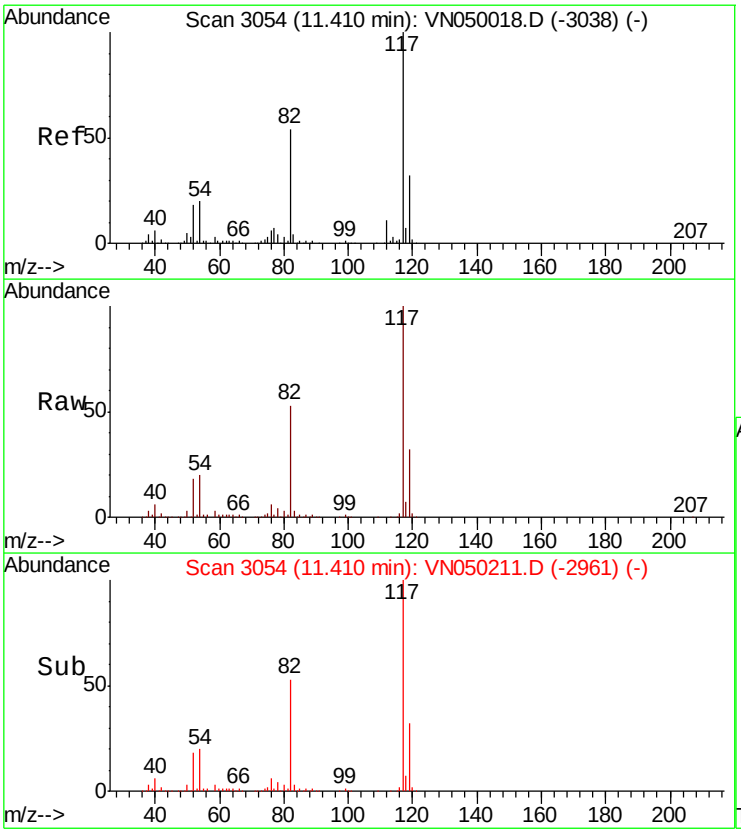

#62
4-Bromofluorobenzene
Concen: 37.248 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

**Instrument :**
MSVOA_N
**ClientSampleId :**
PB111613TB

Tgt Ion: 95 Resp: 386466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 90.4 | 0.0 | 178.2 |
| 176 | 87.4 | 0.0 | 173.4 |

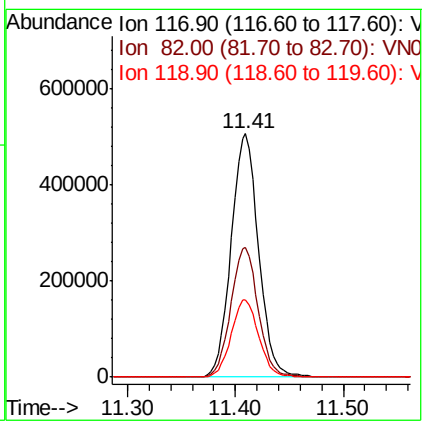


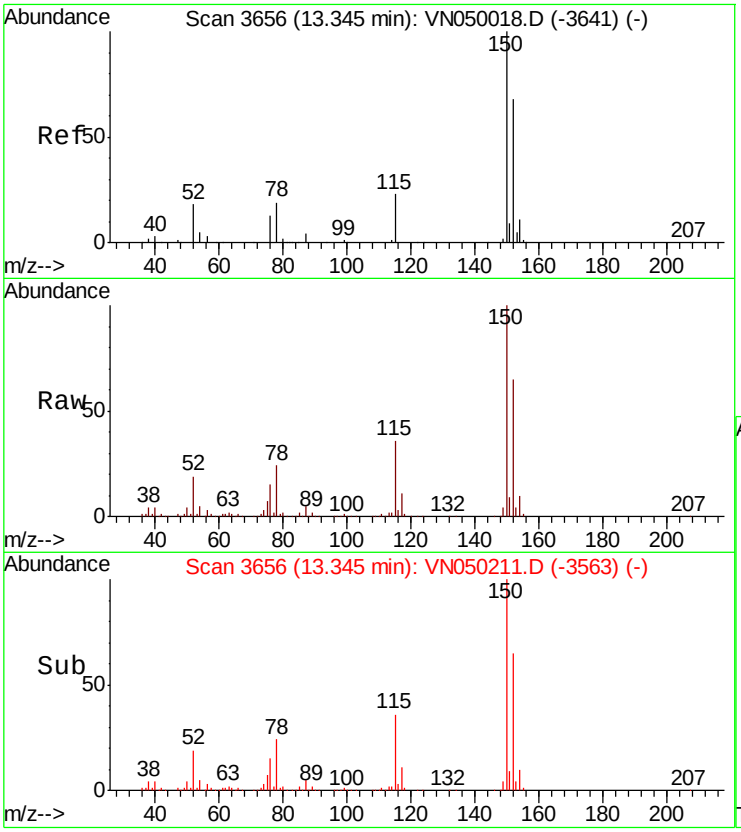




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

Tgt Ion:117 Resp: 890060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.5 | 43.7 | 65.5 |
| 119 | 31.8 | 26.1 | 39.1 |



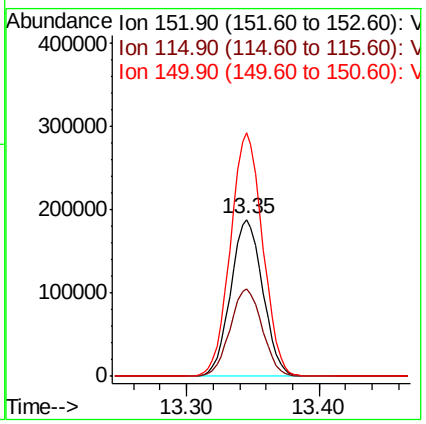


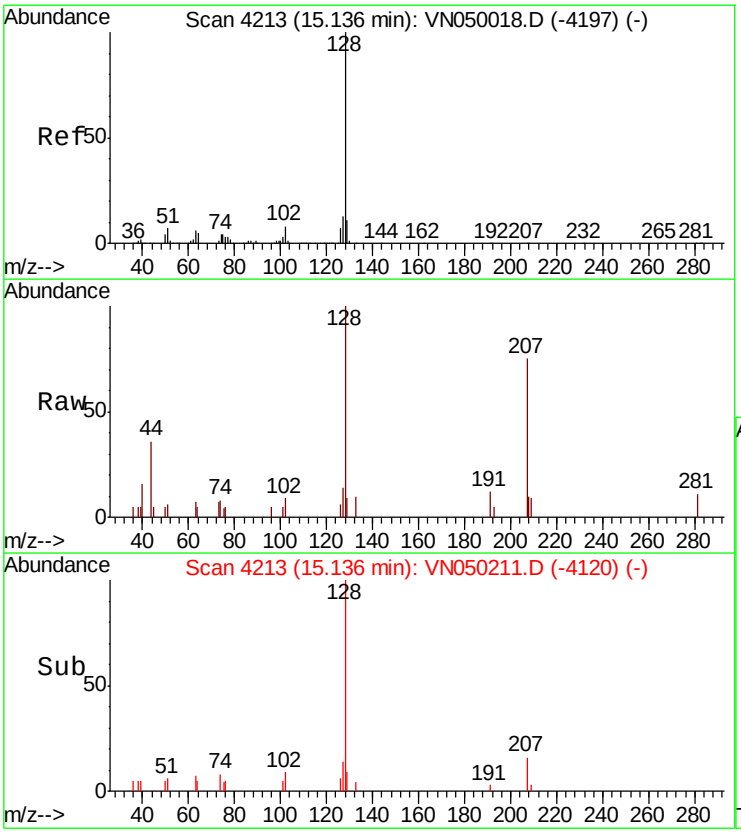

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

**Instrument :** MSVOA_N
**ClientSampleId :** PB111613TB

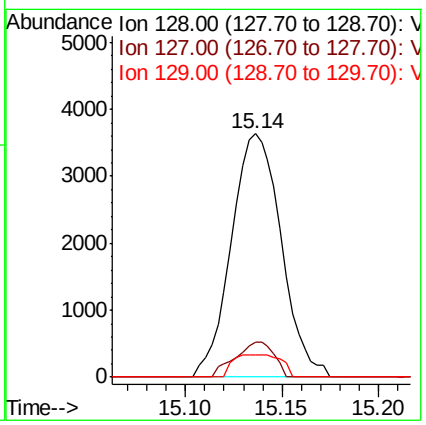
Tgt Ion:152 Resp: 315736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.8 | 27.8 | 83.3 |
| 150 | 155.8 | 0.0 | 348.6 |




#95
Naphthalene
Concen: 4.827 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050211.D
Acq: 31 Jul 2018 13:38

Tgt Ion:128 Resp: 6507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 11.2 | 10.4 | 15.6 |
| 129 | 8.8 | 8.8 | 13.2 |