Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060719\
Data File : VN056074.D
Acq On : 7 Jun 2019 3:54
Operator : JC/SP
Sample : K3203-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** LF015RW009-190604

Quant Time: Jun 07 07:13:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.66 | 168 | 341300 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.58 | 114 | 513504 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 484270 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152 | 156753 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 177520 | 52.38 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.76% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 153306 | 48.66 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.32% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 641813 | 52.94 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.88% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 202127 | 49.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.06% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Vinyl Chloride | 2.18 | 62 | 4528 | 1.220 | ug/l | 98 |
| 16) Acetone | 3.82 | 43 | 5476 | 3.379 | ug/l | 94 |
| 52) Toluene | 10.16 | 92 | 315489 | 37.806 | ug/l | 99 |
| 65) Chlorobenzene | 11.43 | 112 | 10524 | 1.092 | ug/l | 99 |
| 91) 1,2-Dichlorobenzene | 13.65 | 146 | 4380 | 0.835 | ug/l | 98 |

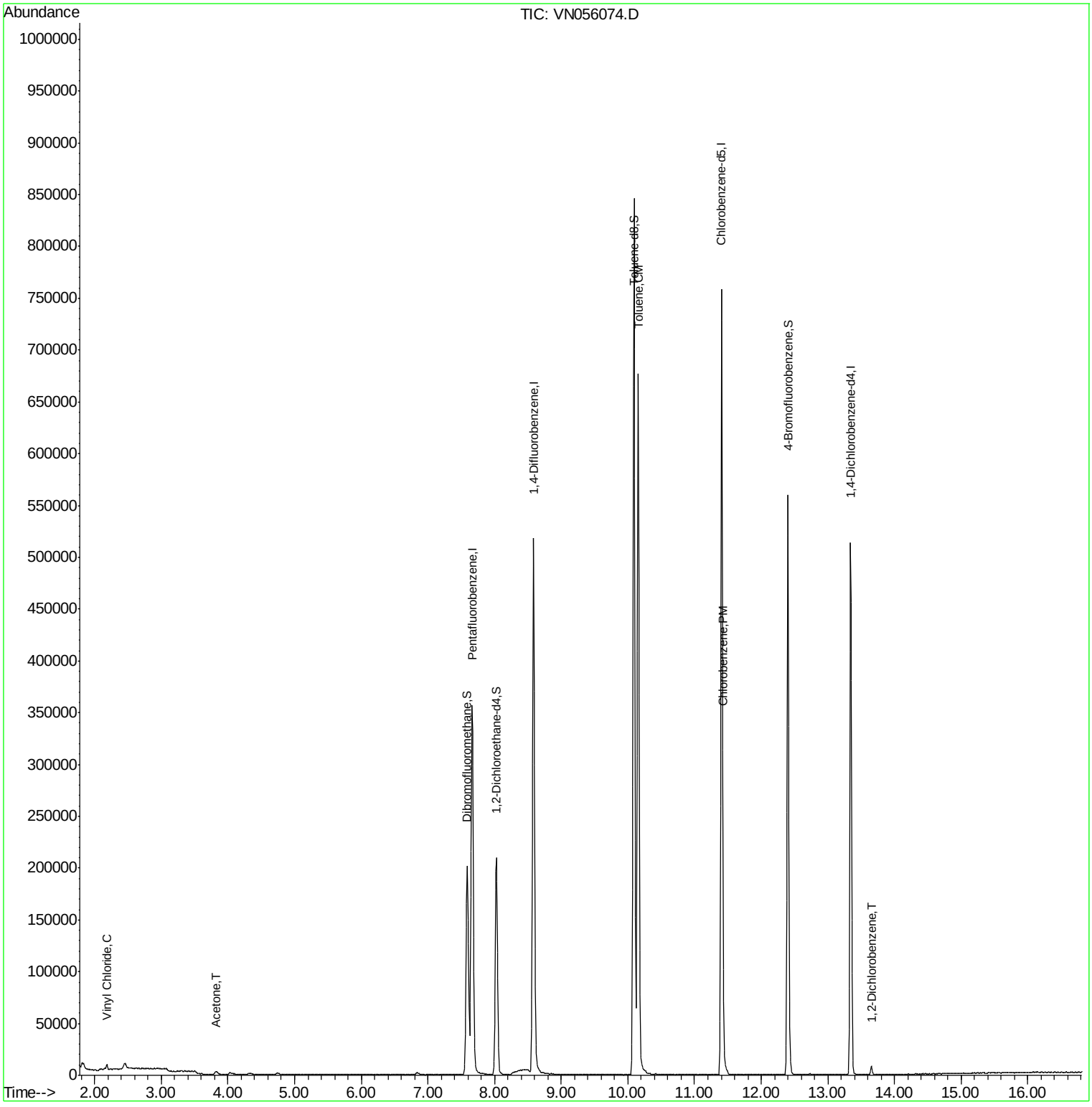
(#) = qualifier out of range (m) = manual integration (+) = signals summed

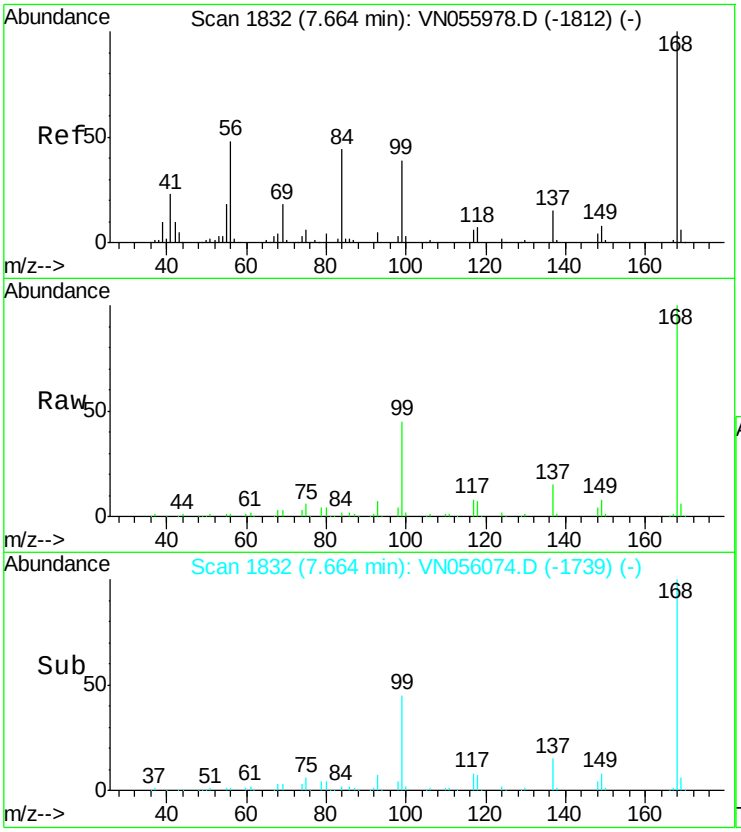
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060719\
Data File : VN056074.D
Acq On : 7 Jun 2019 3:54
Operator : JC/SP
Sample : K3203-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
LF015RW009-190604

Quant Time: Jun 07 07:13:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration



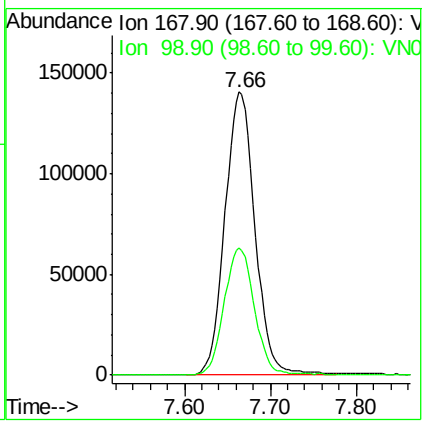


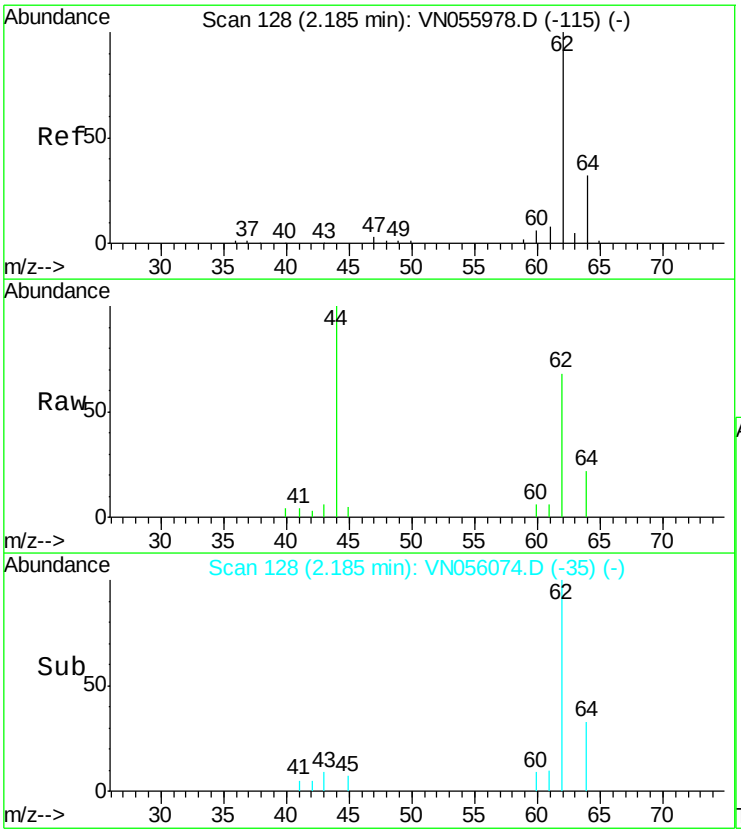

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
LF015RW009-190604

Tgt Ion:168 Resp: 341300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 44.8 | 37.2 | 55.8 |

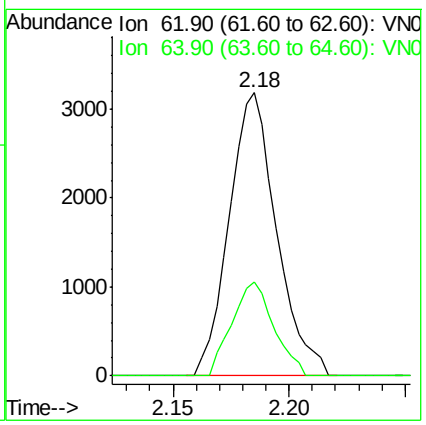


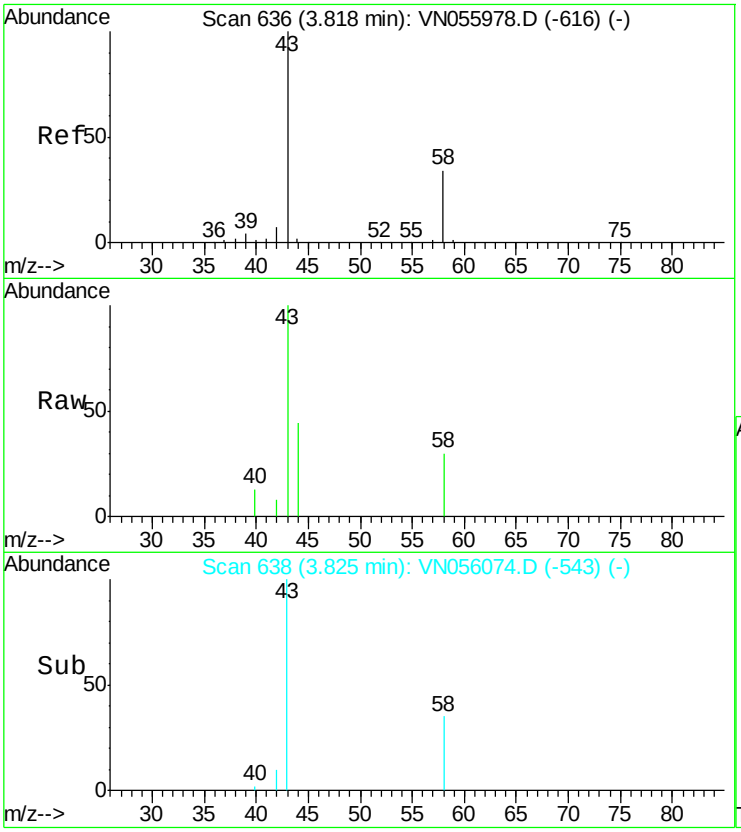




#4
Vinyl Chloride
Concen: 1.220 ug/l
RT: 2.18 min Scan# 128
Delta R.T. -0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

Tgt Ion: 62 Resp: 4528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.1 | 25.6 | 38.4 |



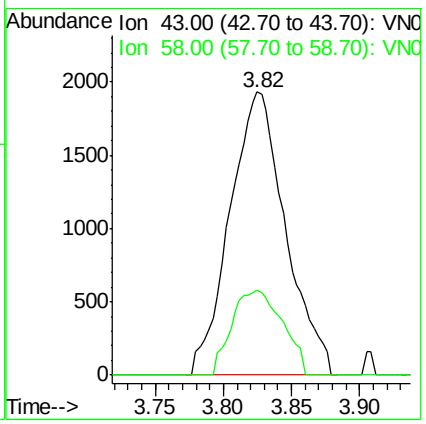


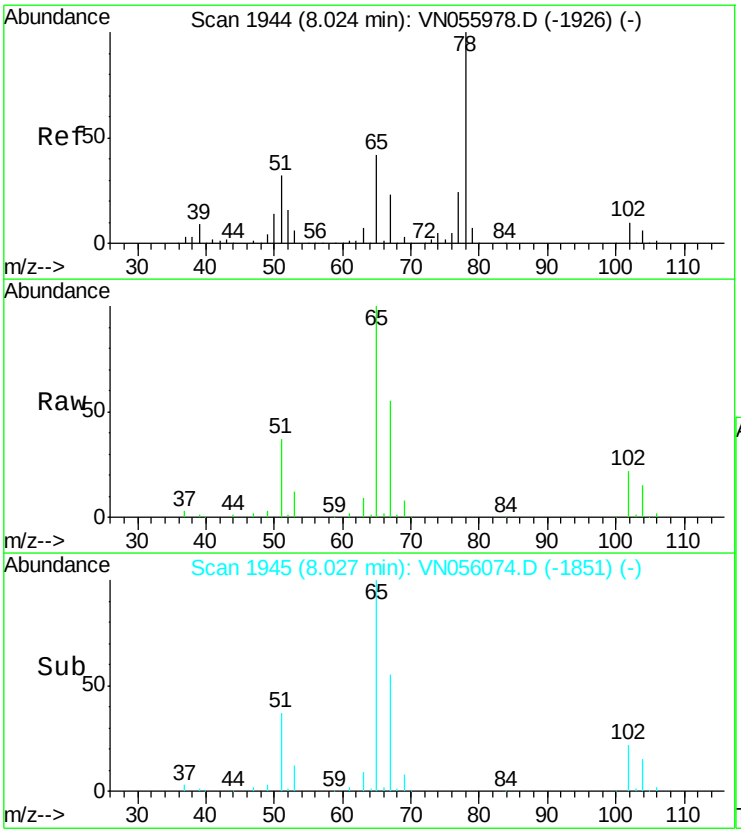

#16
Acetone
Concen: 3.379 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
LF015RW009-190604

Tgt Ion: 43 Resp: 5476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.8 | 26.6 | 39.8 |

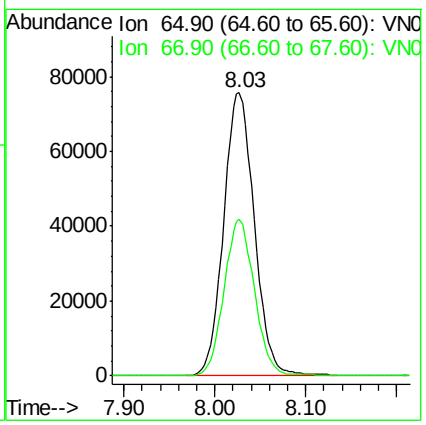


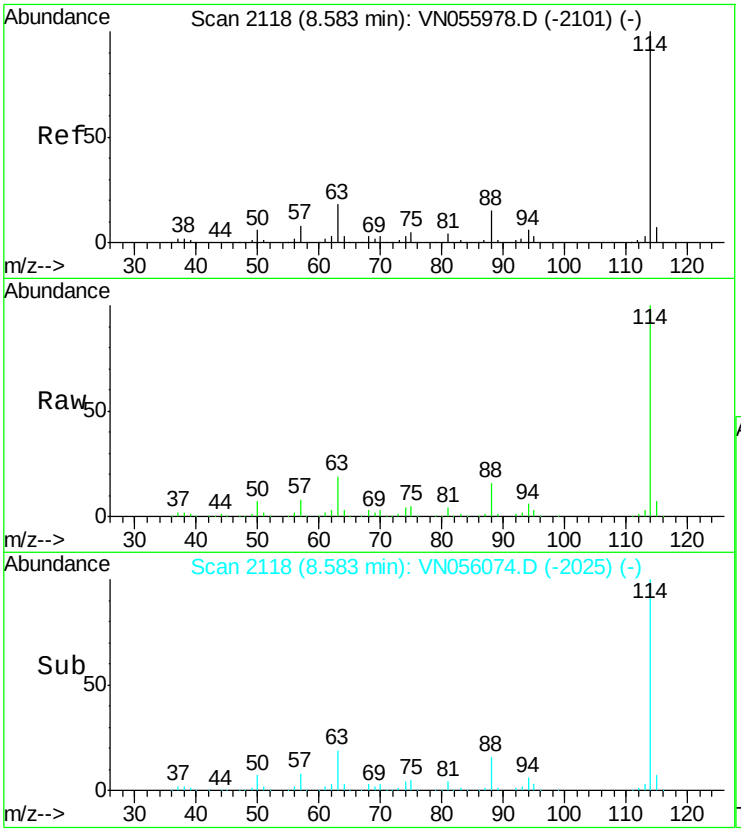




#33
1,2-Dichloroethane-d4
Concen: 52.384 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

Tgt Ion: 65 Resp: 177520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.9 | 0.0 | 109.2 |



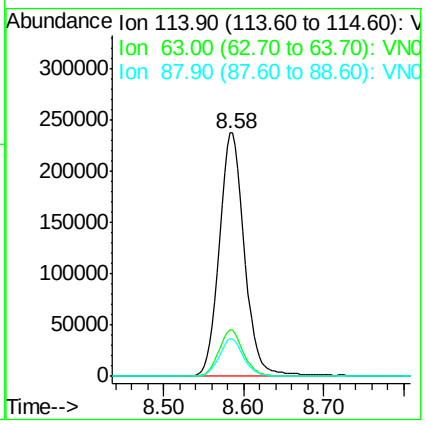


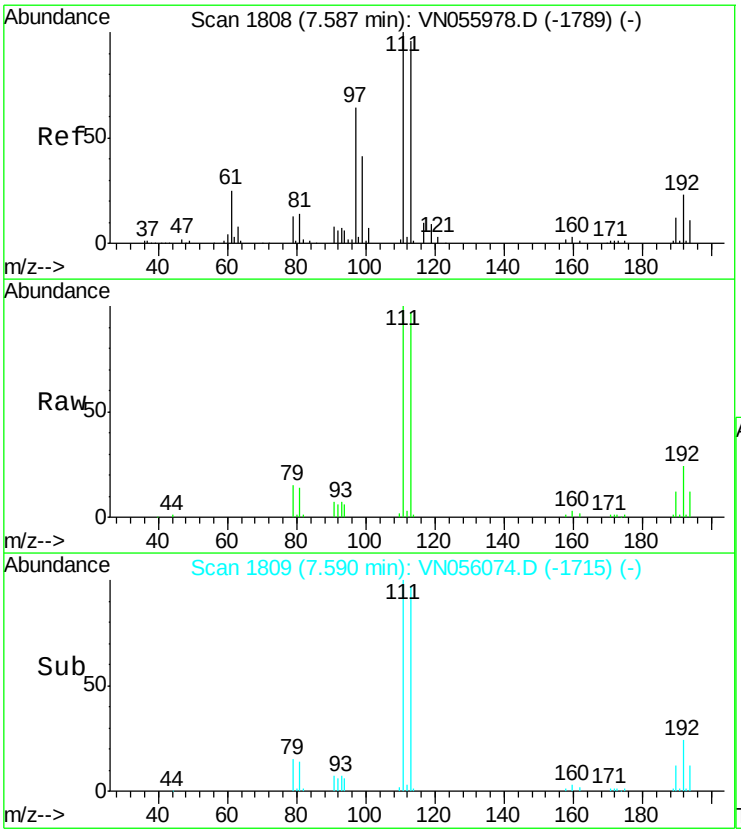

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
LF015RW009-190604

Tgt Ion:114 Resp: 513504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.1 | 0.0 | 39.2 |
| 88 | 15.6 | 0.0 | 31.0 |

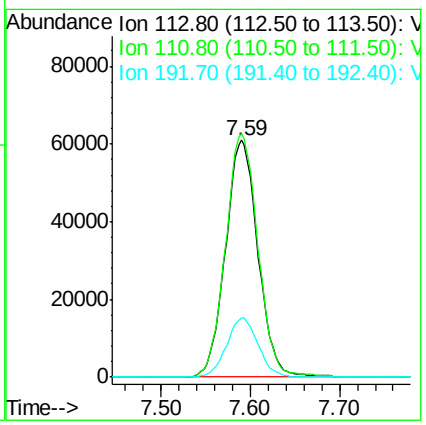


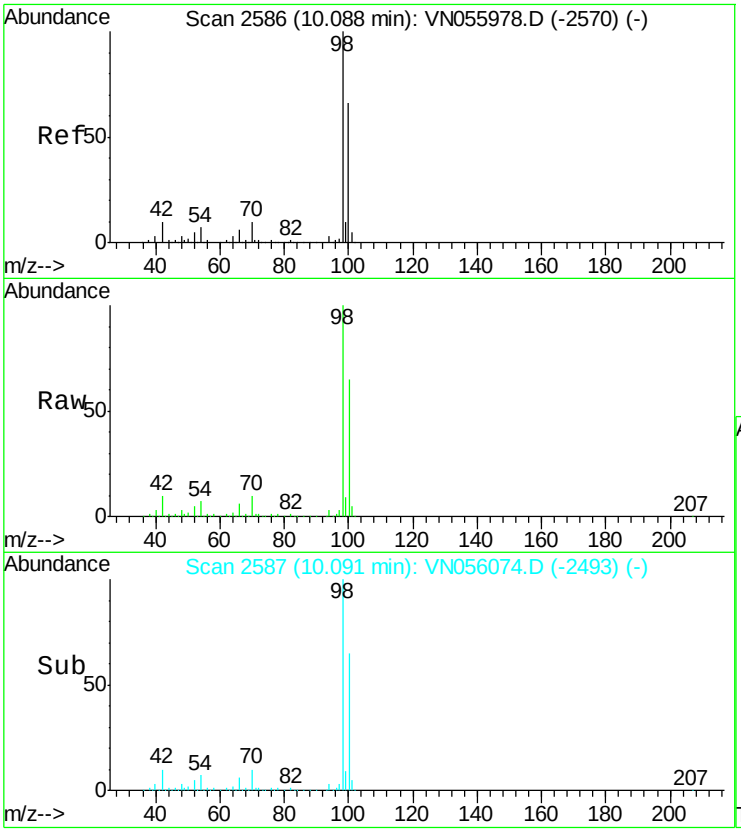




#35
Dibromofluoromethane
Concen: 48.661 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

Tgt Ion:113 Resp: 153306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.7 | 81.9 | 122.9 |
| 192 | 24.3 | 19.5 | 29.3 |



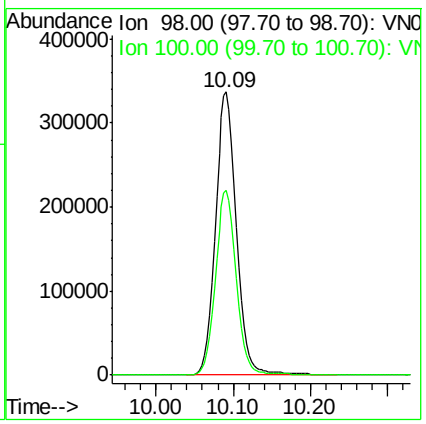


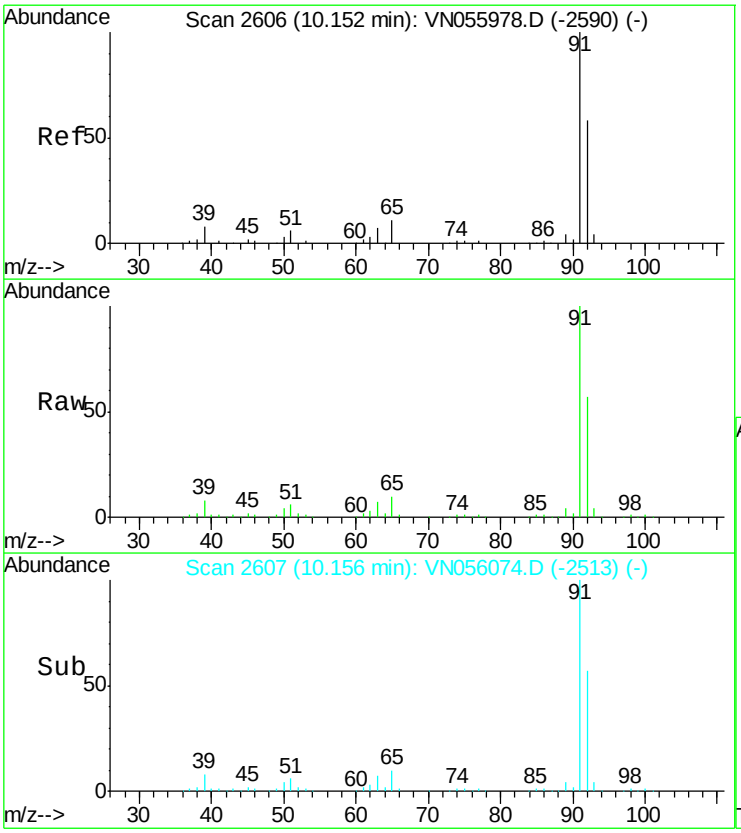

#50
Toluene-d8
Concen: 52.941 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
LF015RW009-190604

Tgt Ion: 98 Resp: 641813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.9 | 51.9 | 77.9 |

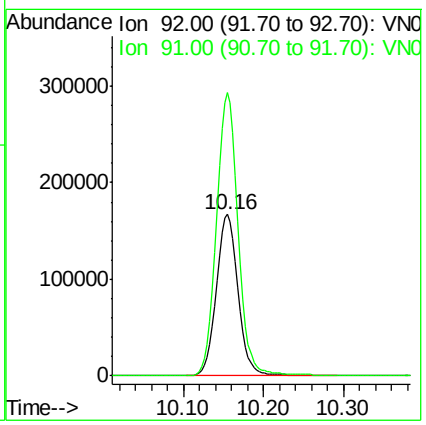


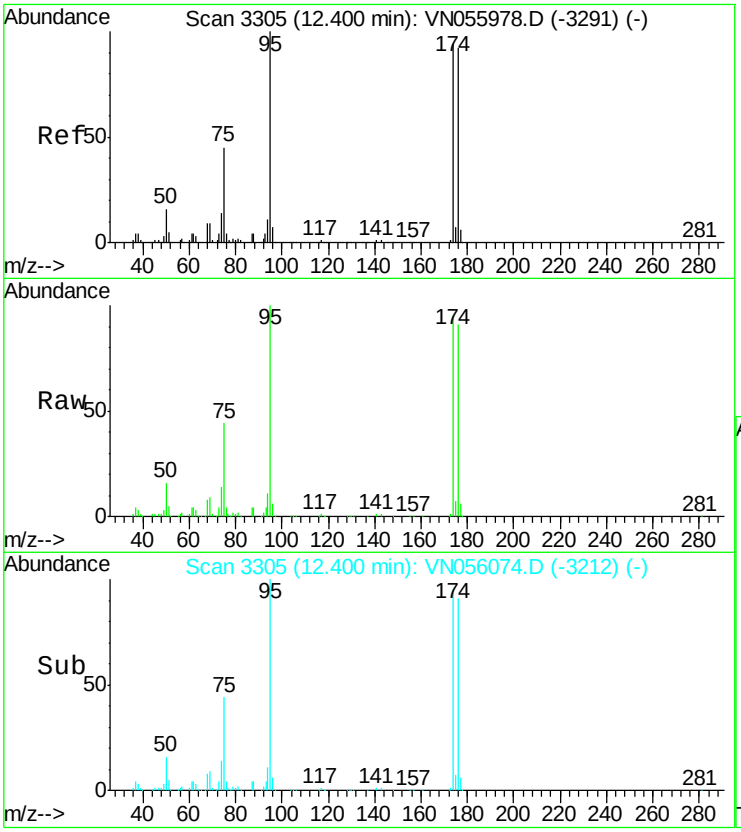




#52
Toluene
Concen: 37.806 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

Tgt Ion: 92 Resp: 315489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 175.0 | 139.4 | 209.2 |



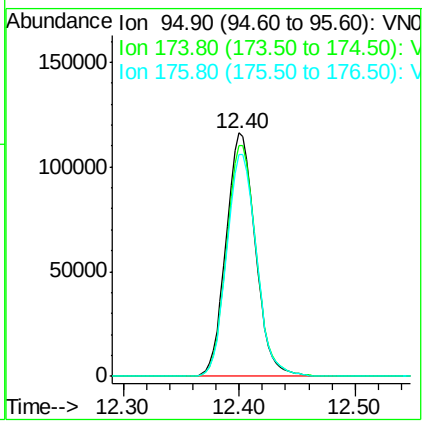


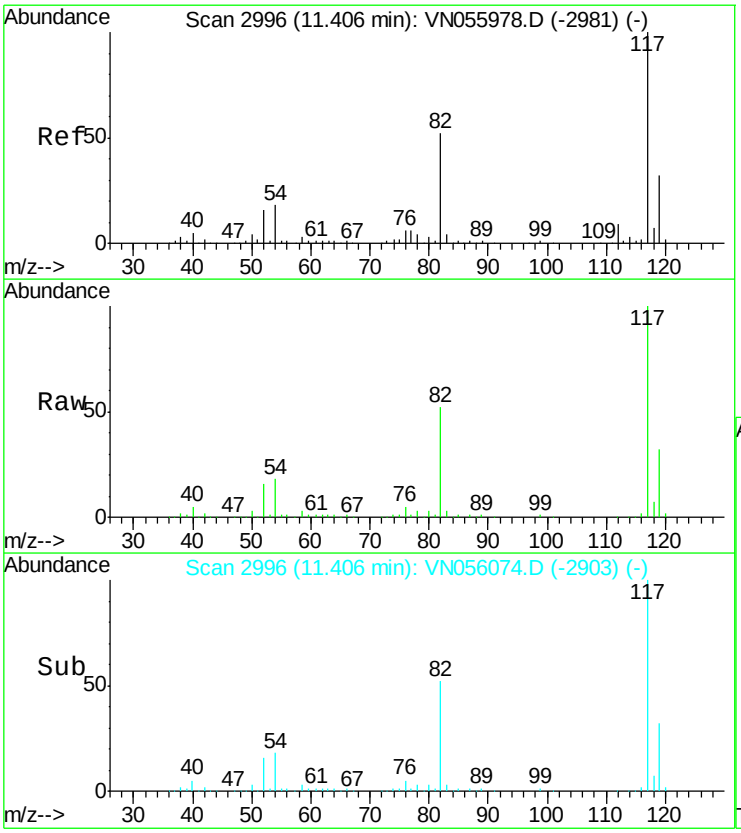

#62
4-Bromofluorobenzene
Concen: 49.027 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
LF015RW009-190604

Tgt Ion: 95 Resp: 202127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 95.9 | 0.0 | 191.0 |
| 176 | 92.9 | 0.0 | 185.2 |

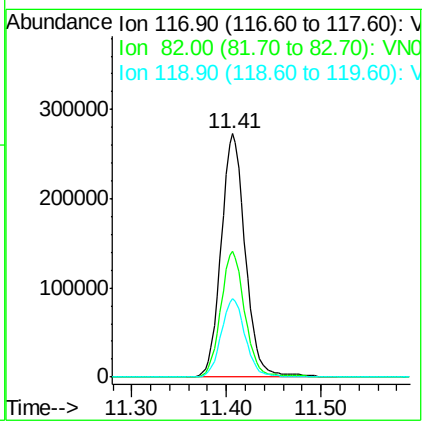


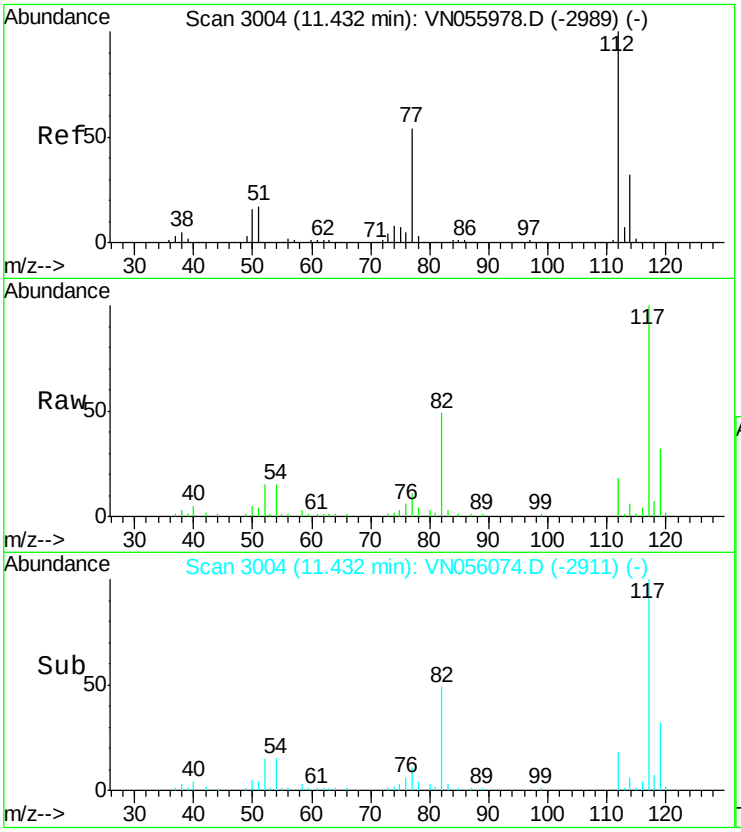




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

Tgt Ion:117 Resp: 484270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.7 | 41.8 | 62.8 |
| 119 | 32.0 | 25.4 | 38.0 |



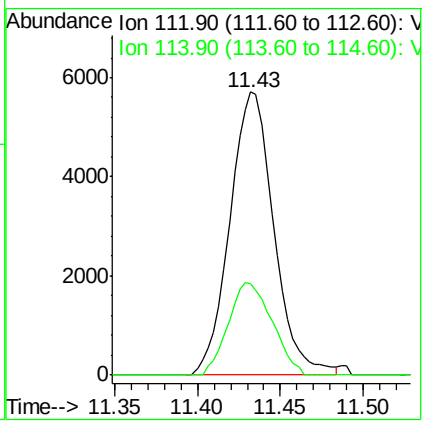


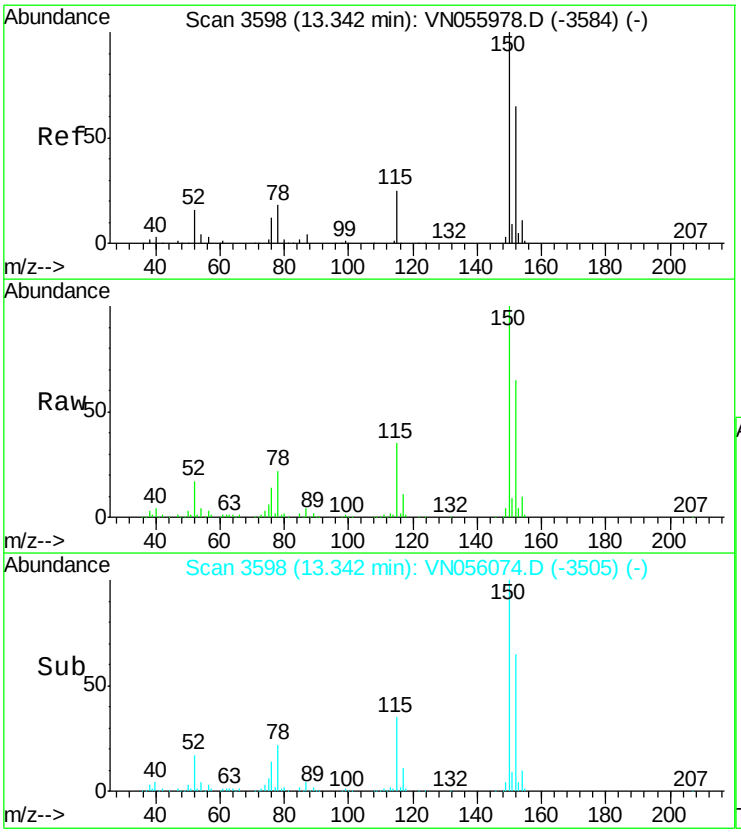

#65
Chlorobenzene
Concen: 1.092 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
LF015RW009-190604

Tgt Ion:112 Resp: 10524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.1 | 26.2 | 39.4 |

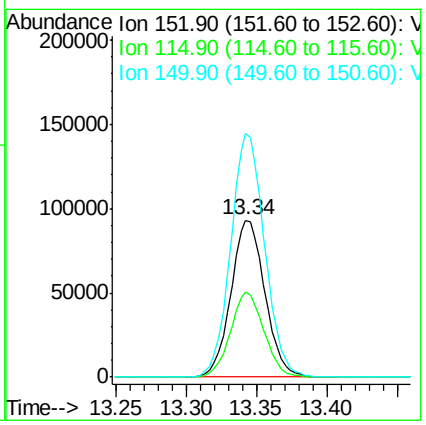


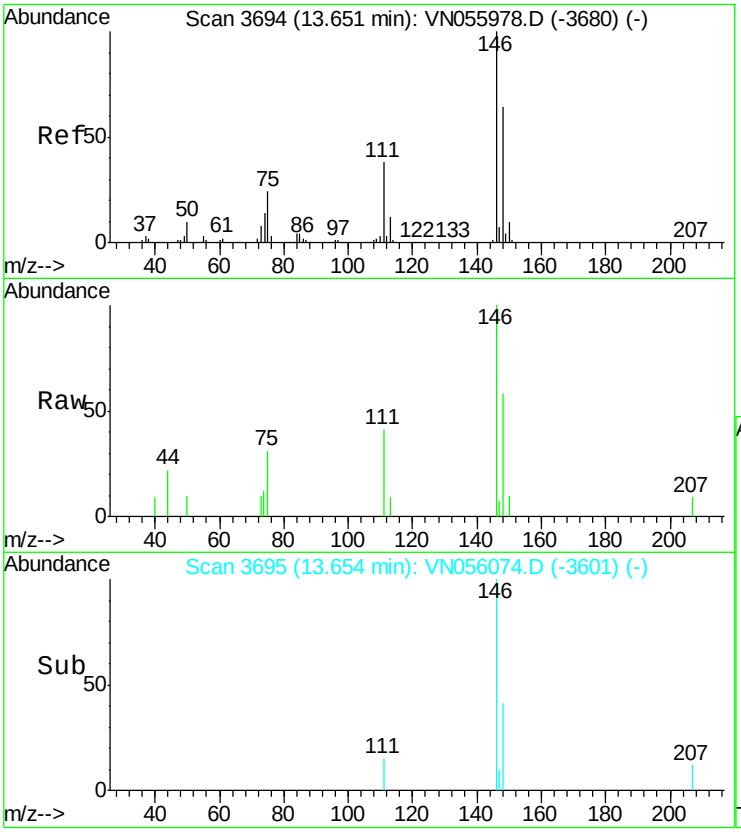




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

Tgt Ion:152 Resp: 156753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.3 | 27.0 | 81.0 |
| 150 | 155.7 | 0.0 | 343.2 |






#91
1,2-Dichlorobenzene
Concen: 0.835 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

**Instrument :**
MSVOA_N
**ClientSampleId :**
LF015RW009-190604

Tgt Ion:146 Resp: 4380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.6 | 19.1 | 57.5 |
| 148 | 62.0 | 31.9 | 95.9 |