Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
Data File : VN054267.D
Acq On : 14 Mar 2019 17:37
Operator : JC/SP
Sample : K1899-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MW-5A

Quant Time: Mar 15 10:01:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.66 | 168 | 1505887 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 2436487 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 2541188 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152 | 1274031 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 746081 | 46.65 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.30% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 743580 | 47.32 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.64% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 3016729 | 51.98 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.96% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 1170589 | 57.65 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 115.30% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.82 | 43 | 24213 | 5.288 | ug/l | 92 |
| 30) Chloroform | 7.37 | 83 | 33453 | 1.246 | ug/l | 97 |
| 40) Benzene | 8.04 | 78 | 27122 | 0.422 | ug/l | 97 |
| 52) Toluene | 10.16 | 92 | 28555 | 0.701 | ug/l | 98 |
| 67) Ethyl Benzene | 11.51 | 91 | 68051 | 0.736 | ug/l | 98 |
| 68) m/p-Xylenes | 11.62 | 106 | 27336 | 0.756 | ug/l | 92 |
| 69) o-Xylene | 11.95 | 106 | 18014 | 0.511 | ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 37565 | 0.443 | ug/l | 95 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 69543 | 0.836 | ug/l | 98 |
| 95) Naphthalene | 15.13 | 128 | 2086779 | 38.223 | ug/l | 100 |

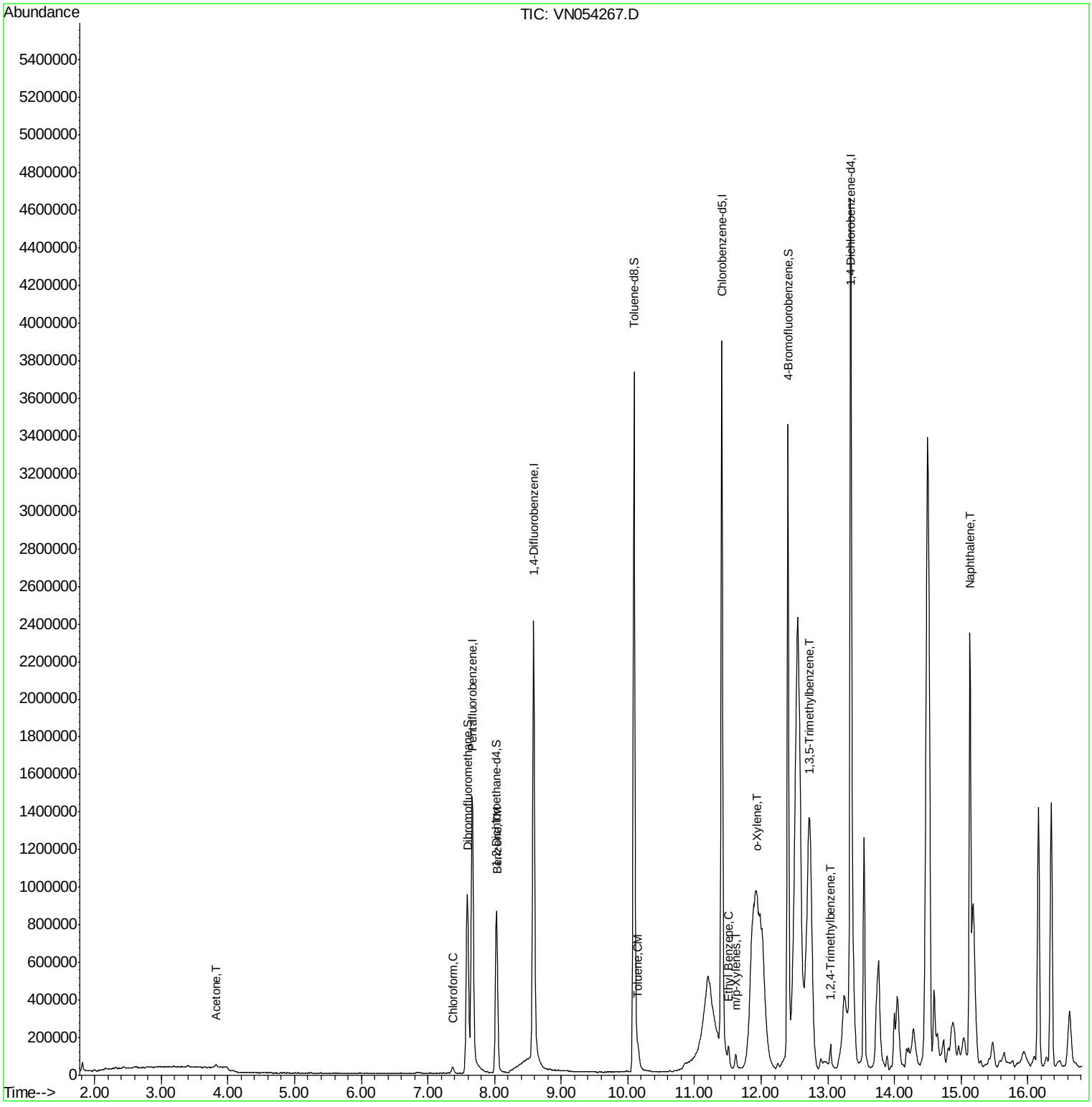
(#) = qualifier out of range (m) = manual integration (+) = signals summed

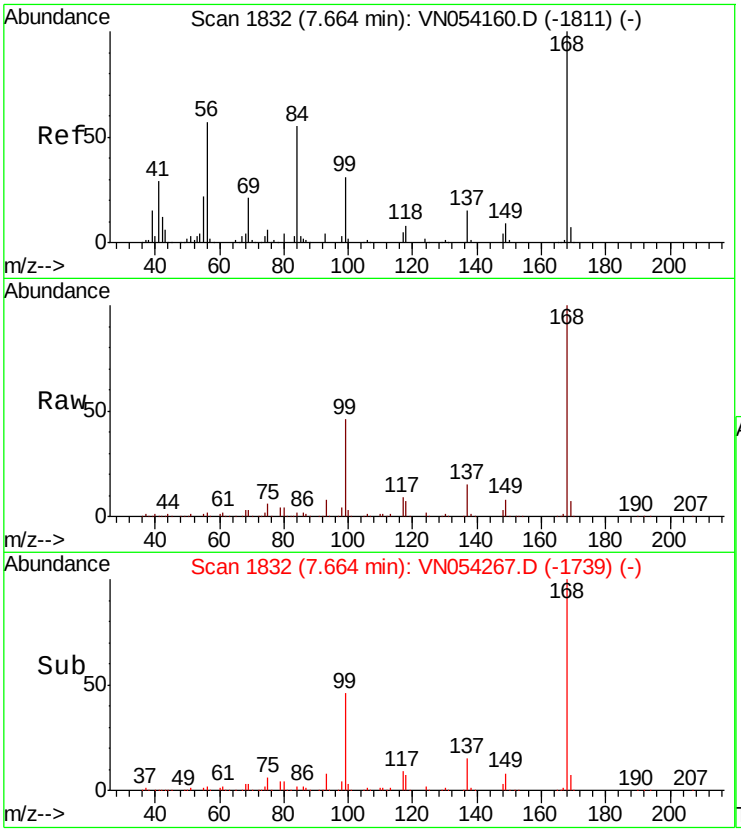
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
Data File : VN054267.D
Acq On : 14 Mar 2019 17:37
Operator : JC/SP
Sample : K1899-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-5A

Quant Time: Mar 15 10:01:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



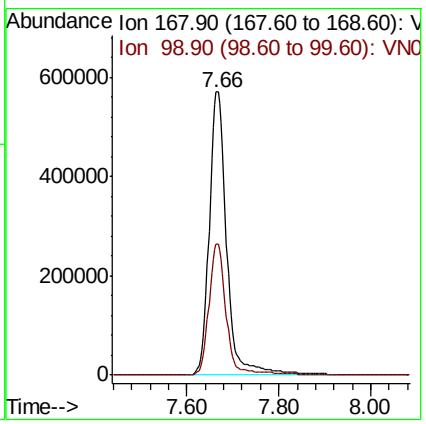


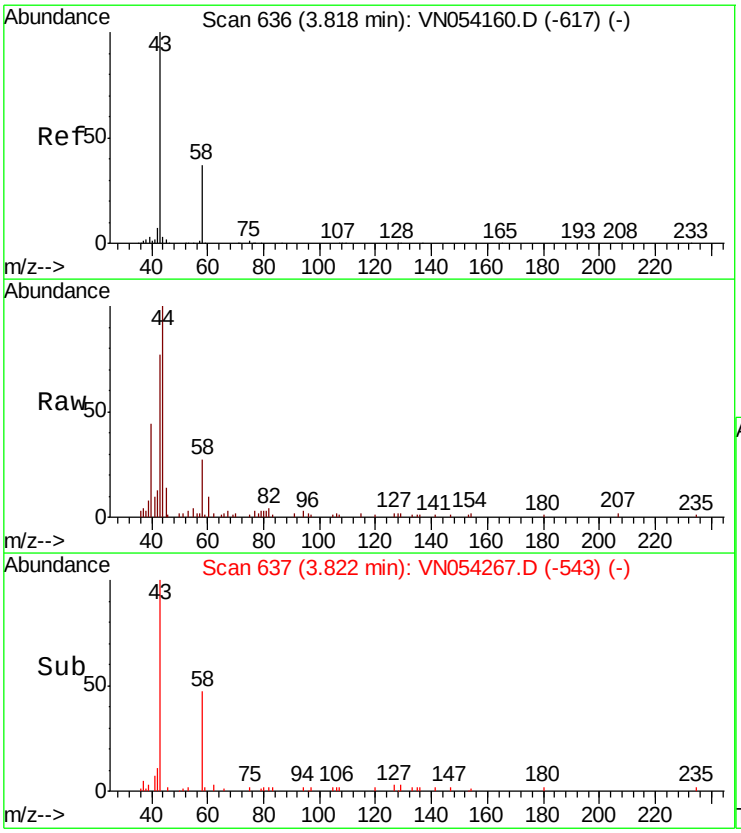

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-5A

Tgt Ion:168 Resp: 1505887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 46.5 | 37.1 | 55.7 |

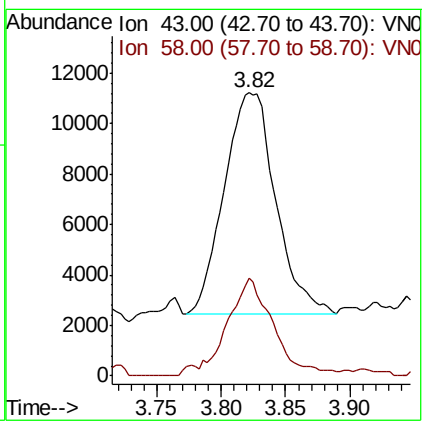


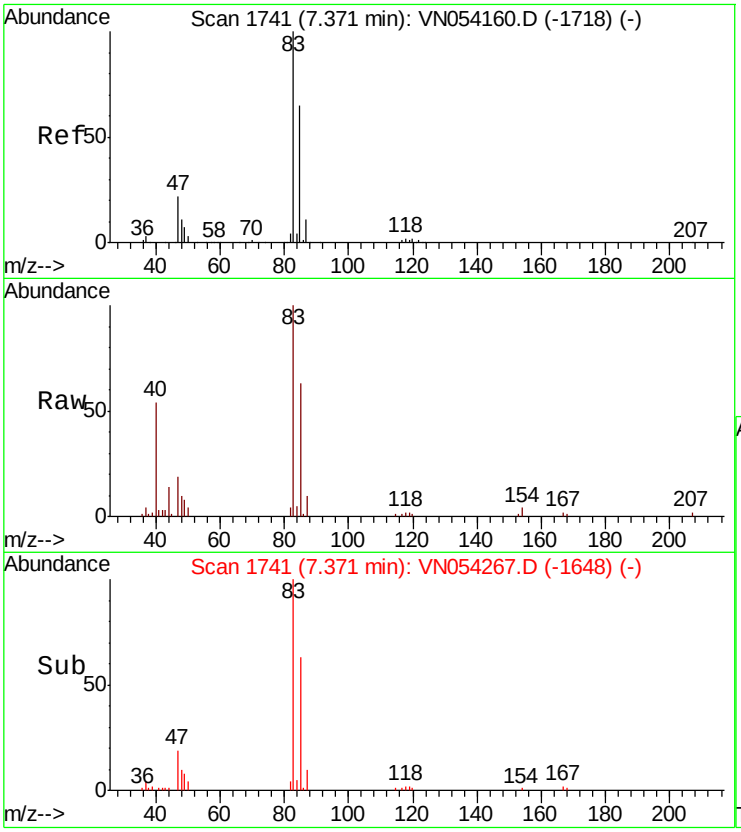




#16
Acetone
Concen: 5.288 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion: 43 Resp: 24213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.0 | 29.9 | 44.9 |



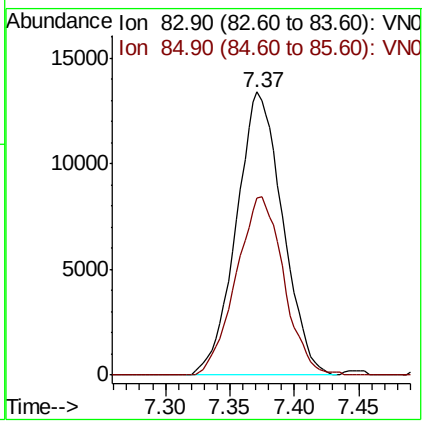


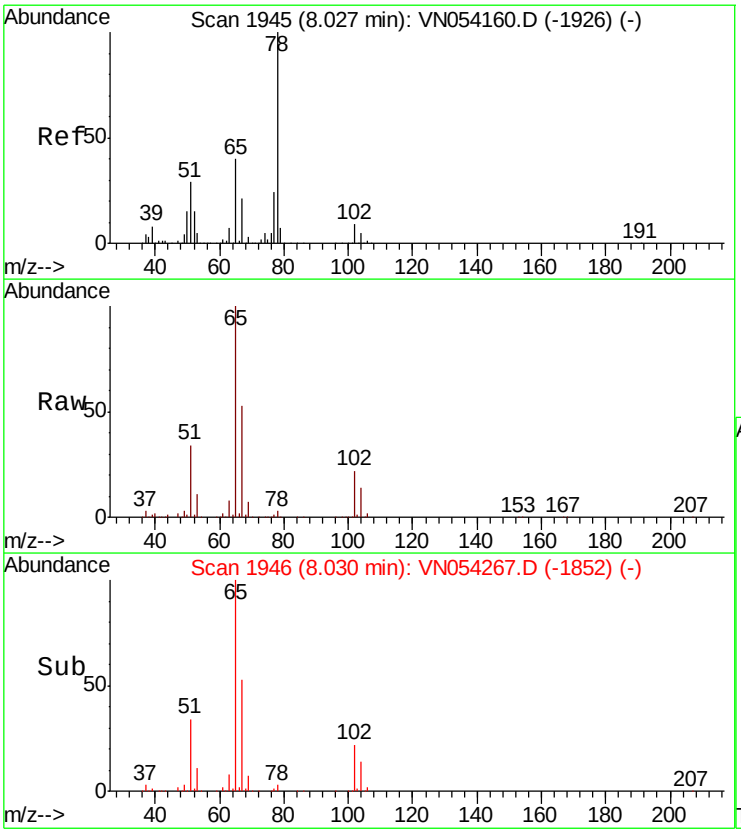

#30
Chloroform
Concen: 1.246 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-5A

Tgt Ion: 83 Resp: 33453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.8 | 52.2 | 78.4 |

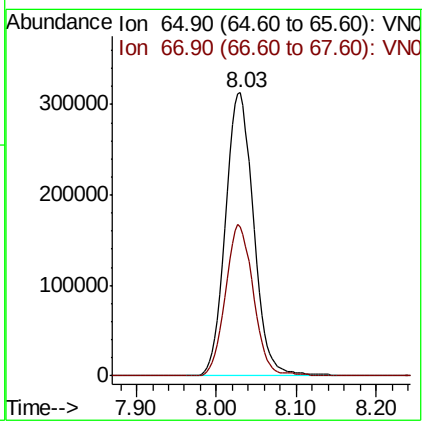


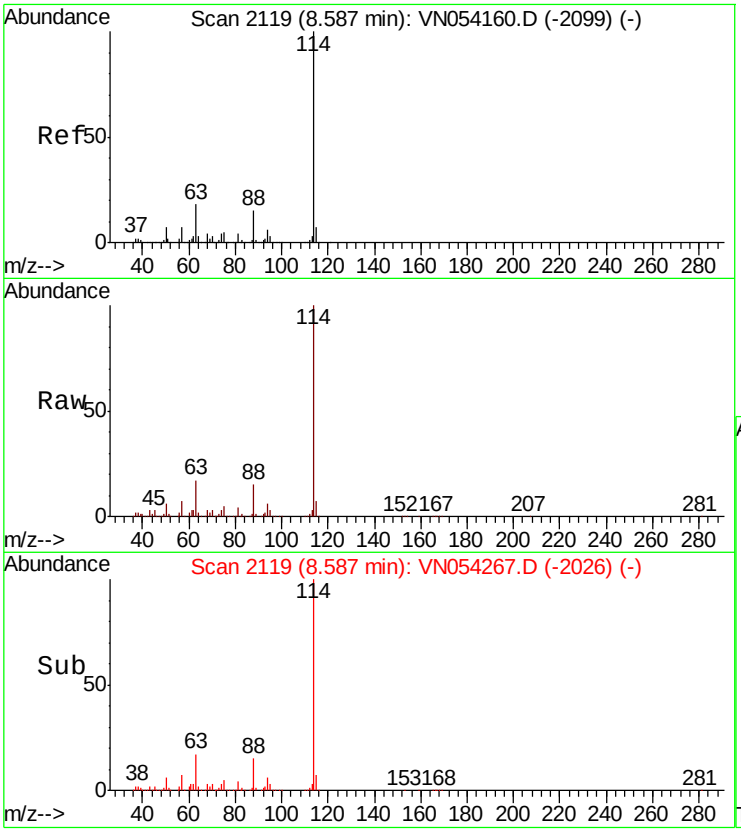




#33
1,2-Dichloroethane-d4
Concen: 46.652 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion: 65 Resp: 746081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.1 | 0.0 | 104.6 |



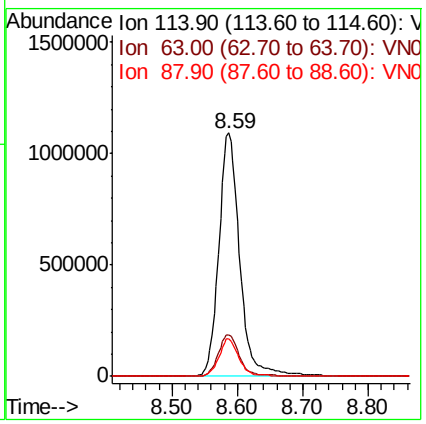


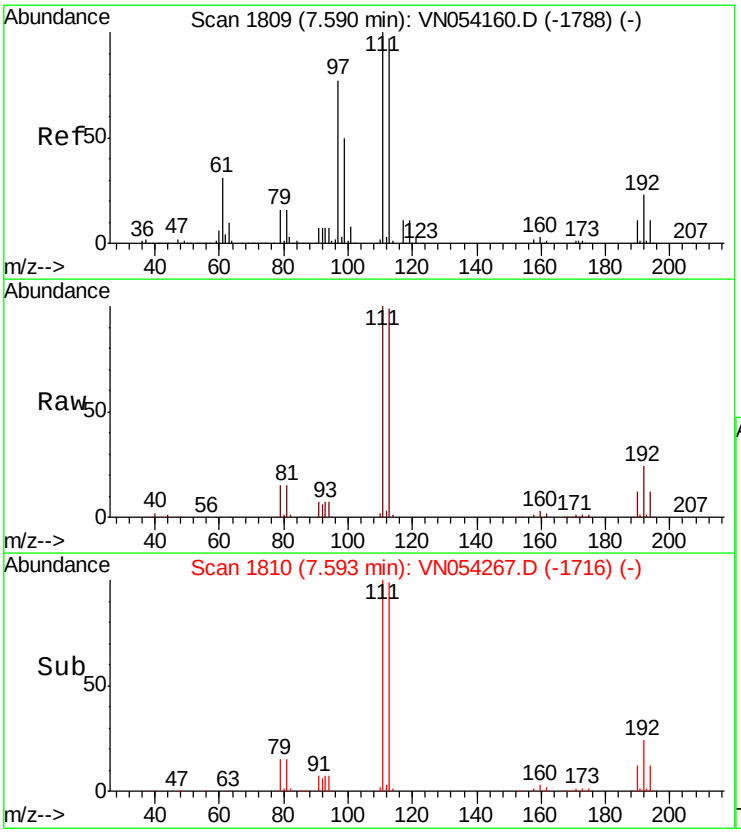

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-5A

Tgt Ion:114 Resp: 2436487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.2 | 0.0 | 35.2 |
| 88 | 15.3 | 0.0 | 30.2 |

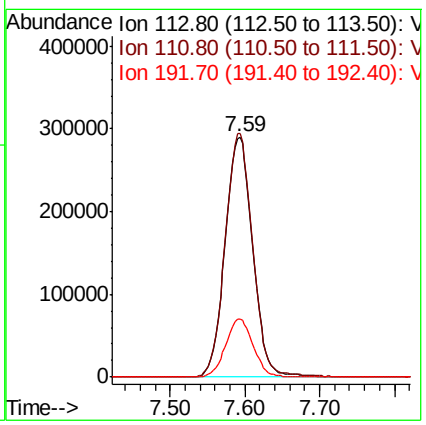


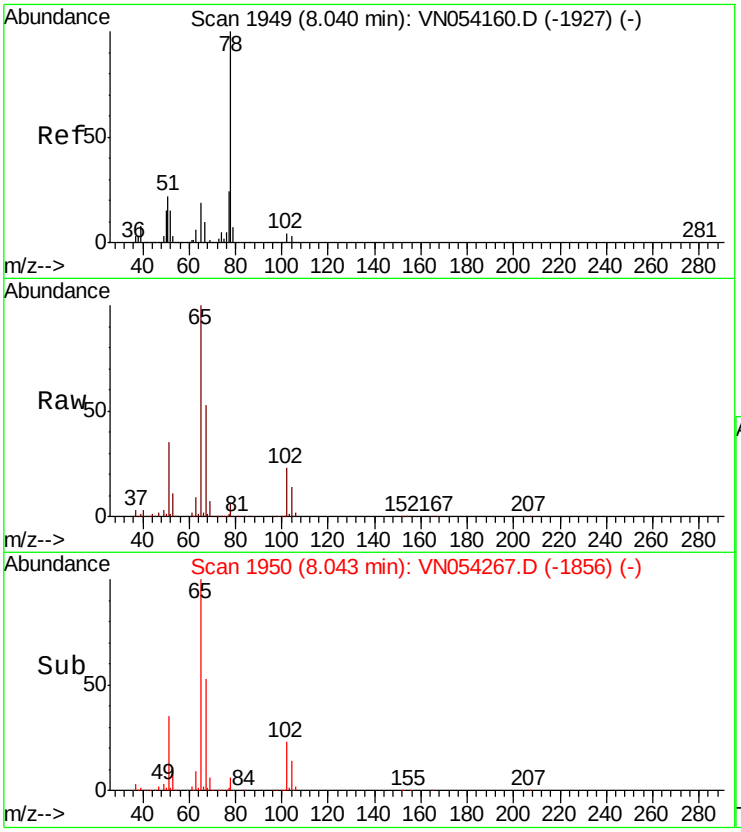




#35
Dibromofluoromethane
Concen: 47.319 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion:113 Resp: 743580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.5 | 82.2 | 123.4 |
| 192 | 24.0 | 19.2 | 28.8 |



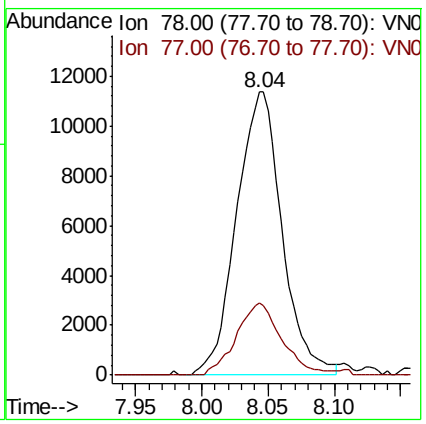


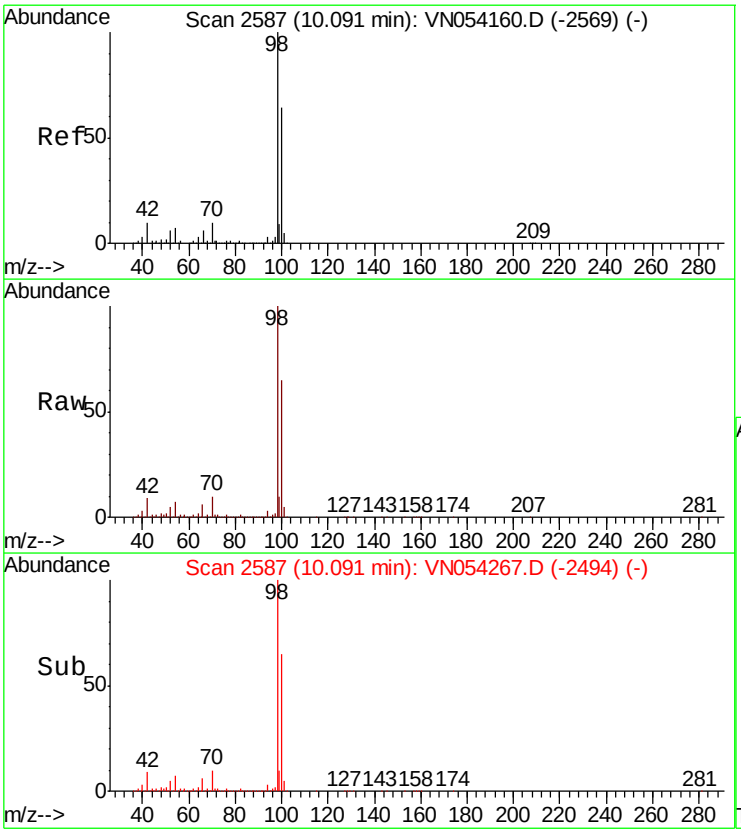

#40
Benzene
Concen: 0.422 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-5A

Tgt Ion: 78 Resp: 27122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 25.4 | 19.1 | 28.7 |

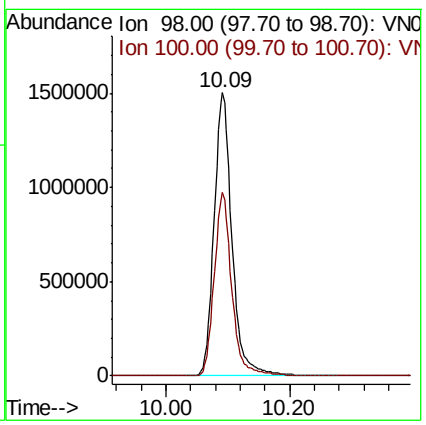


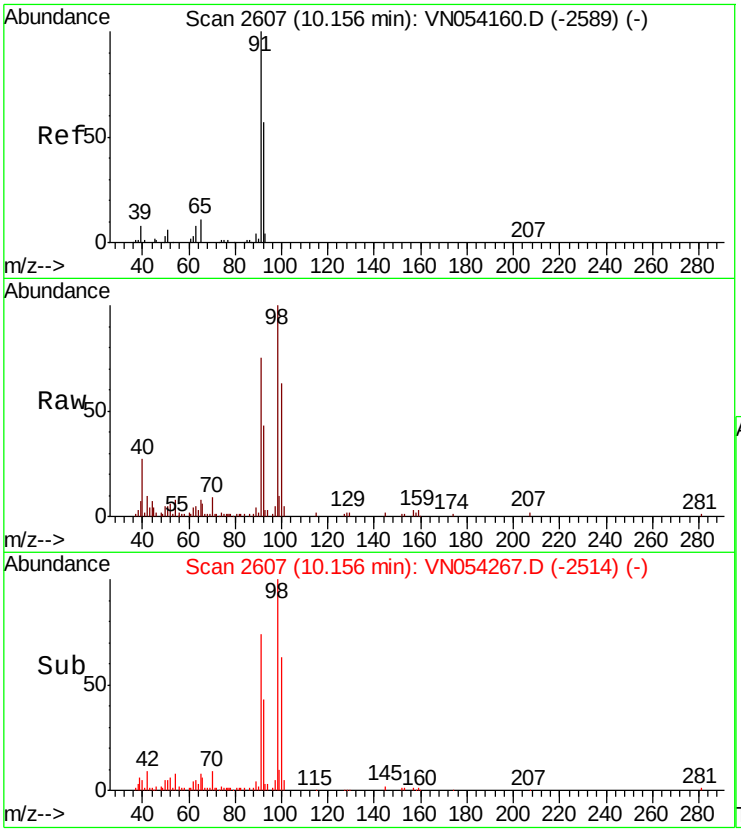




#50
Toluene-d8
Concen: 51.981 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion: 98 Resp: 3016729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.7 | 51.2 | 76.8 |



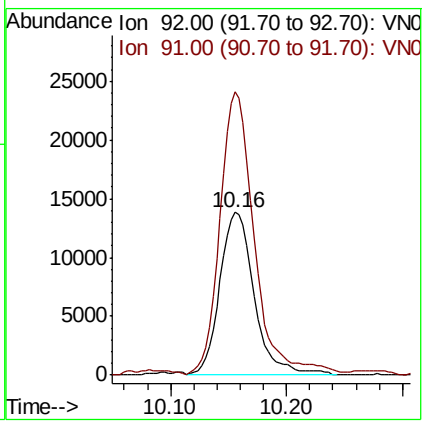


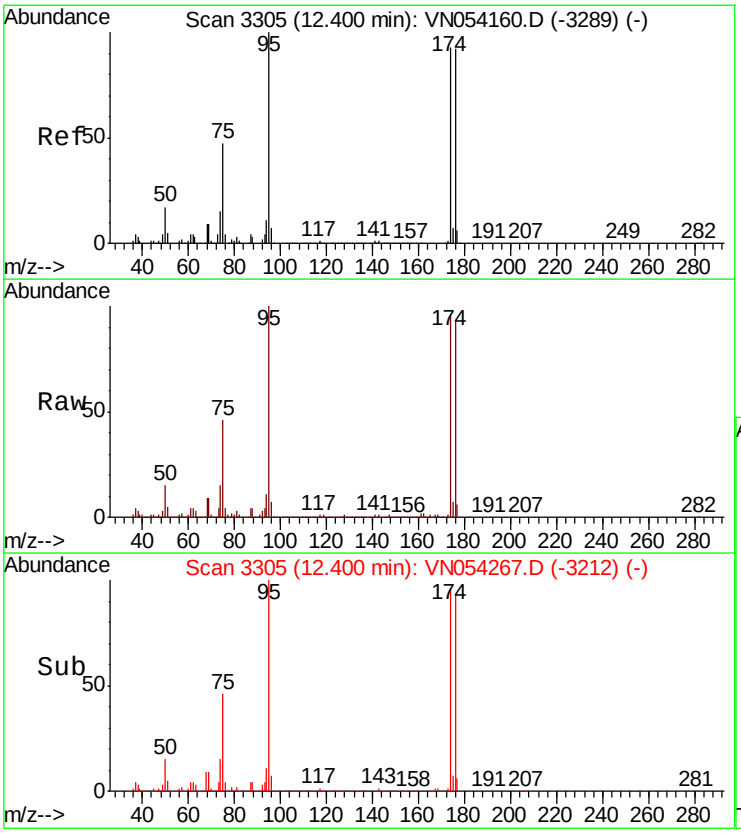

#52
Toluene
Concen: 0.701 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-5A

Tgt Ion: 92 Resp: 28555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.4 | 140.7 | 211.1 |

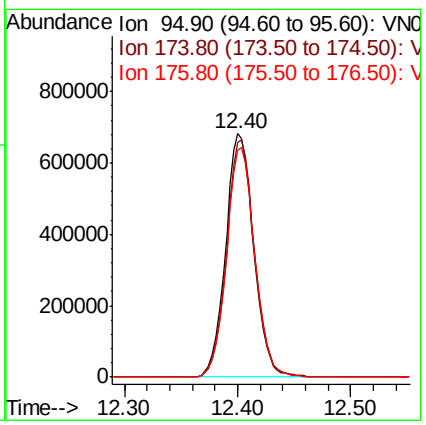


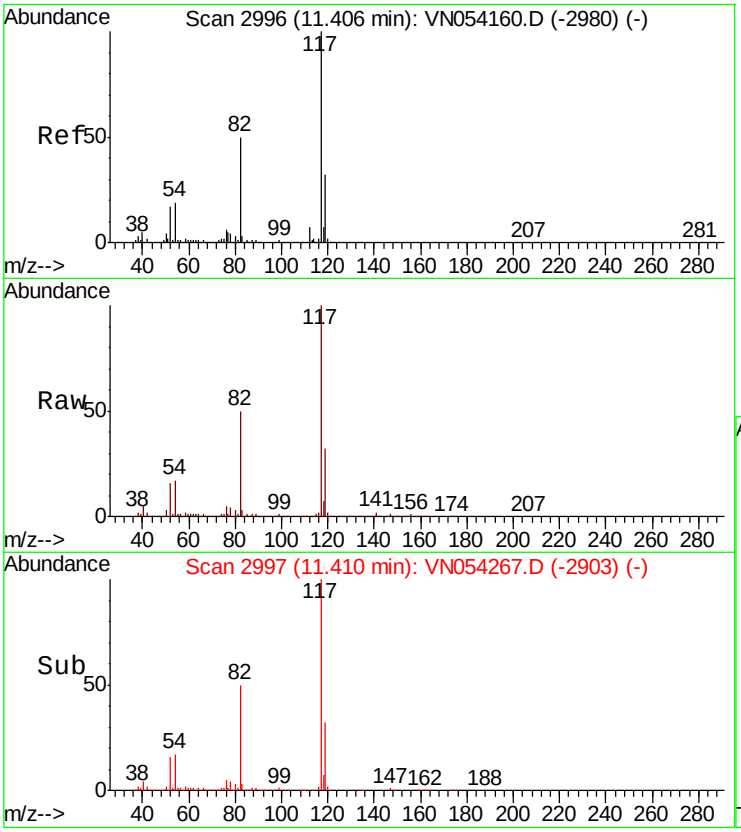




#62
4-Bromofluorobenzene
Concen: 57.646 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion: 95 Resp: 1170589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 97.2 | 0.0 | 191.0 |
| 176 | 94.7 | 0.0 | 187.4 |



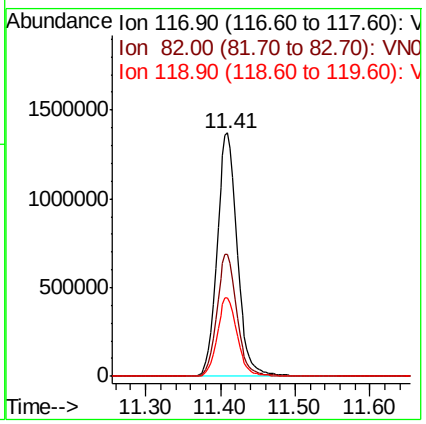


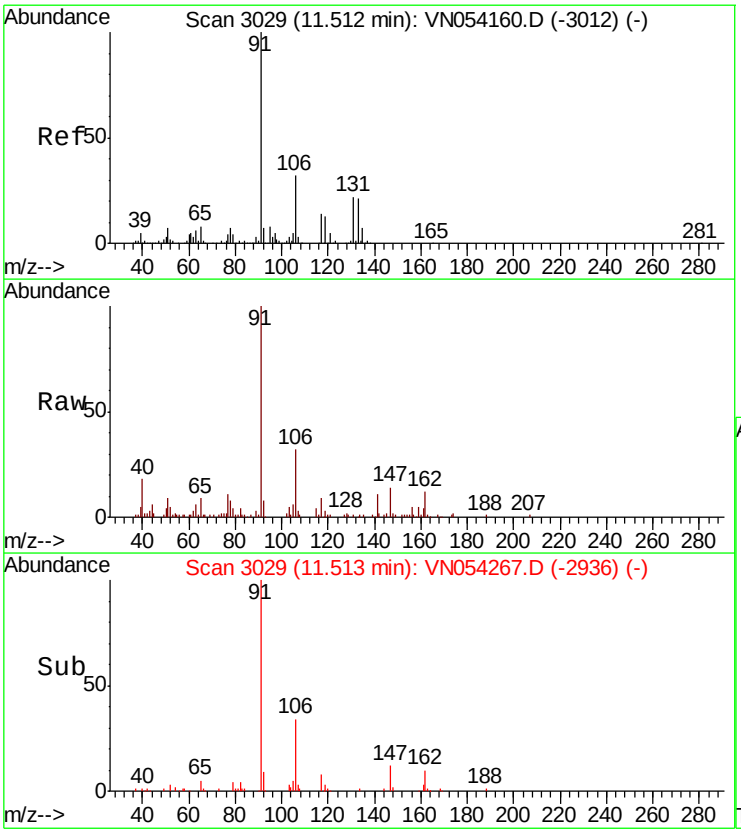

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

**Instrument :** MSVOA_N
**ClientSampleId :** MW-5A

Tgt Ion:117 Resp: 2541188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.0 | 40.0 | 60.0 |
| 119 | 32.4 | 25.8 | 38.6 |

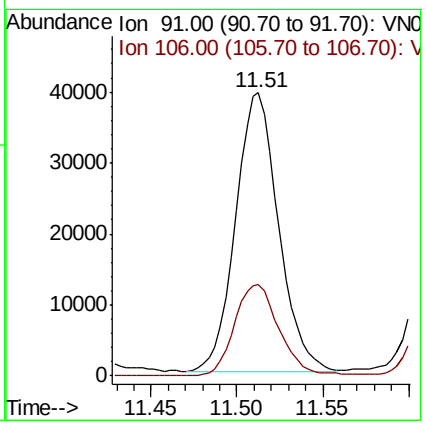


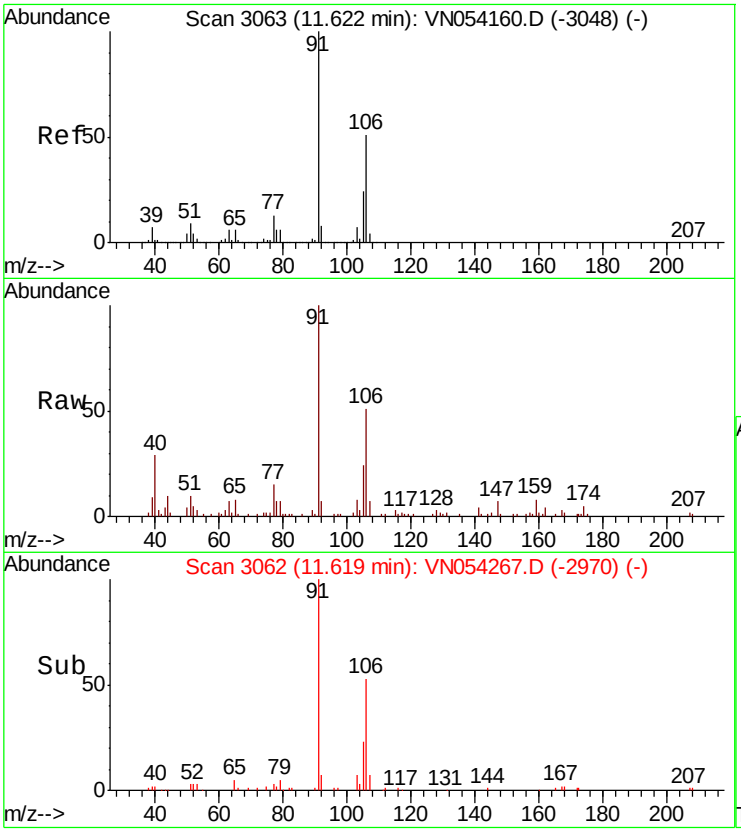




#67
Ethyl Benzene
Concen: 0.736 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion: 91 Resp: 68051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.8 | 25.5 | 38.3 |



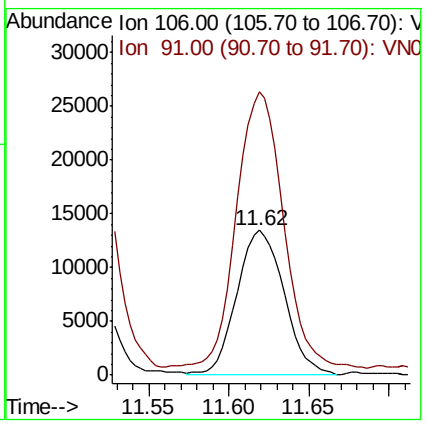


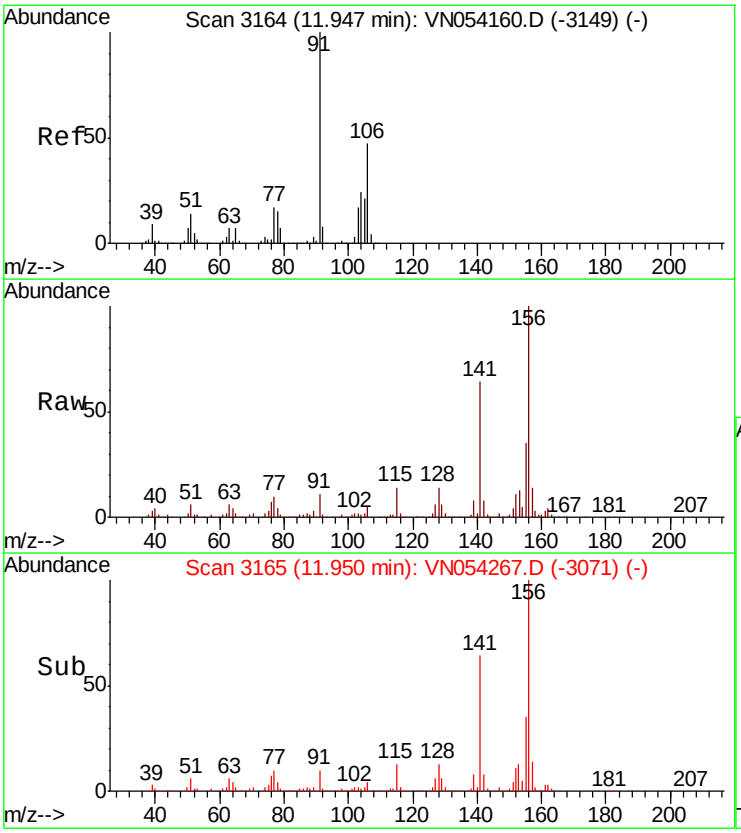

#68
m/p-Xylenes
Concen: 0.756 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-5A

Tgt Ion:106 Resp: 27336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 187.6 | 159.4 | 239.2 |

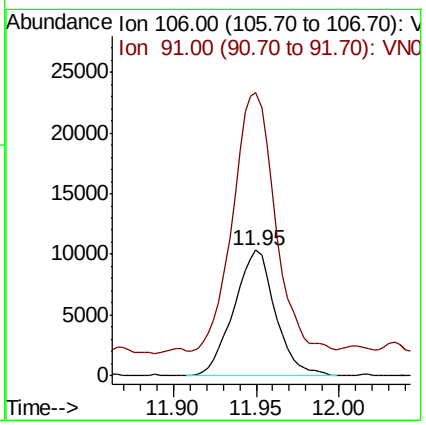


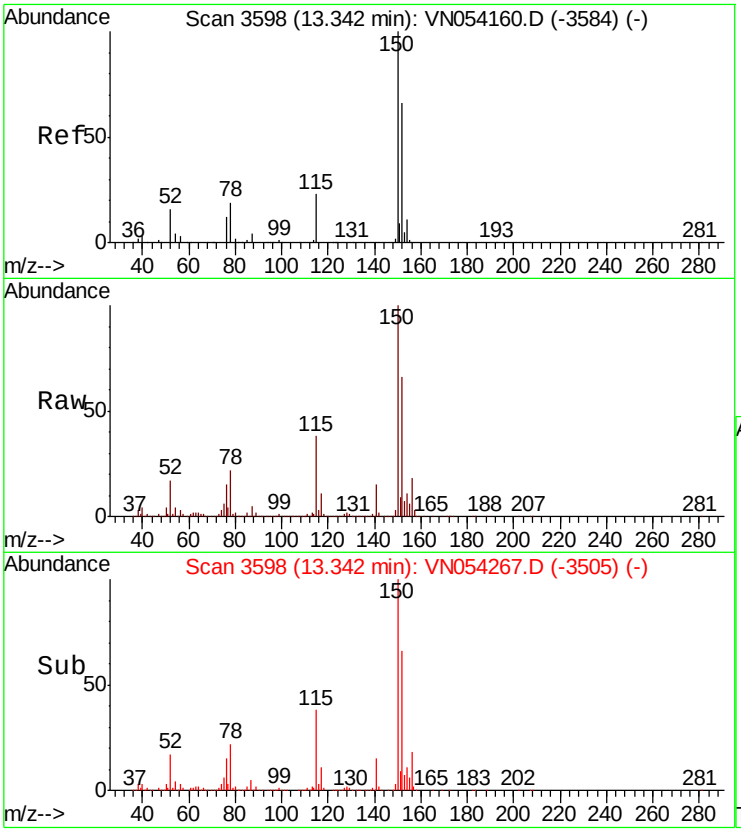




#69
o-Xylene
Concen: 0.511 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion:106 Resp: 18014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.3 | 105.7 | 317.1 |



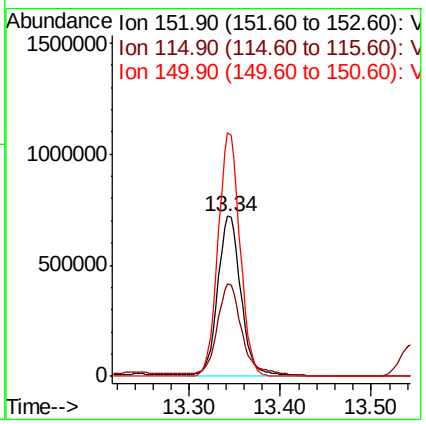


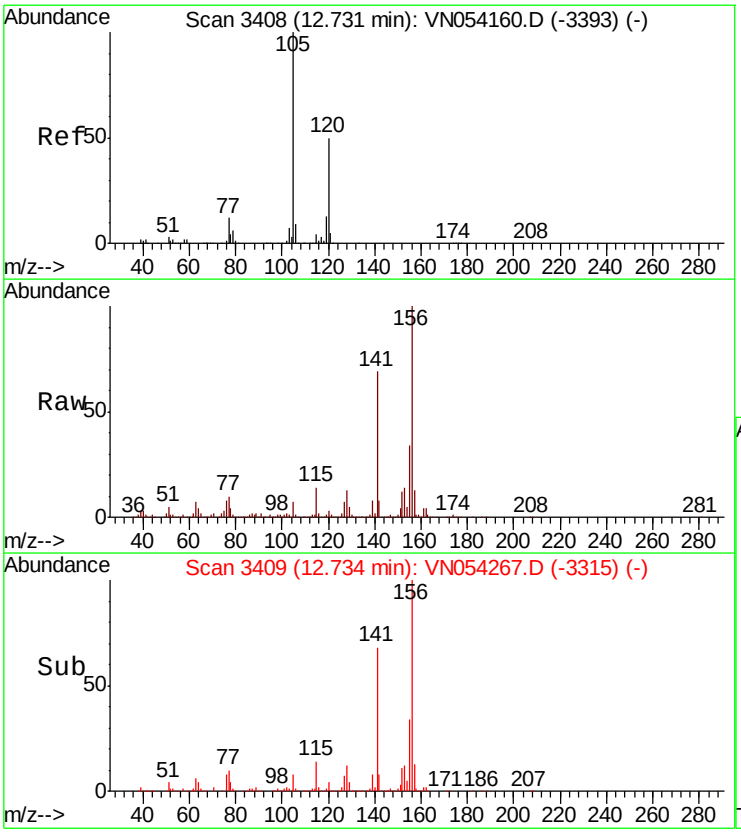

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-5A

Tgt Ion:152 Resp: 1274031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 62.7 | 27.2 | 81.6 |
| 150 | 142.9 | 0.0 | 349.2 |

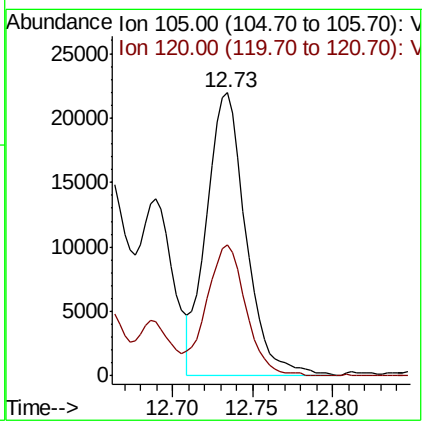


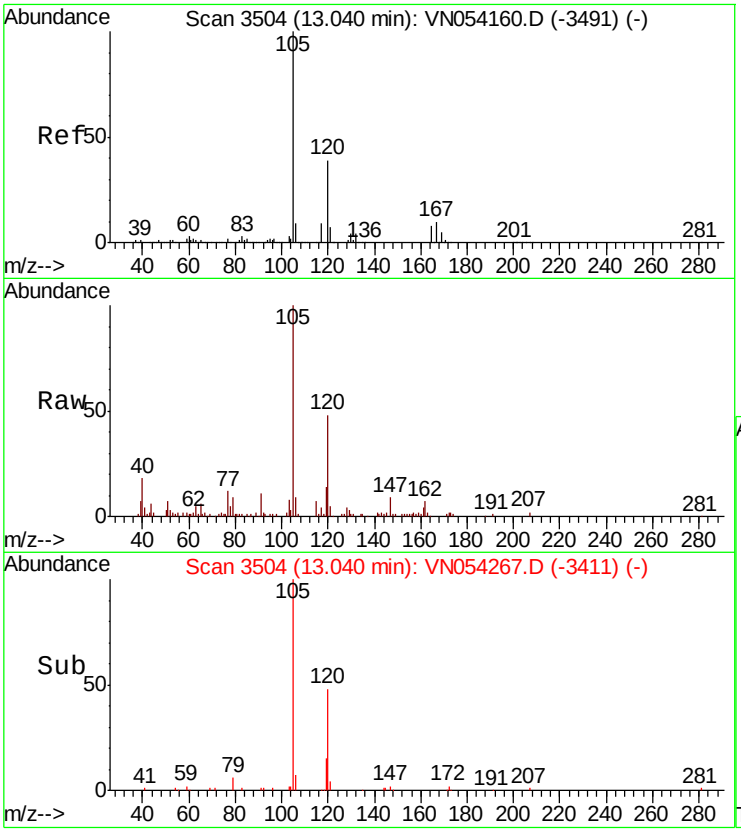




#80
1,3,5-Trimethylbenzene
Concen: 0.443 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion:105 Resp: 37565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.5 | 25.0 | 75.0 |



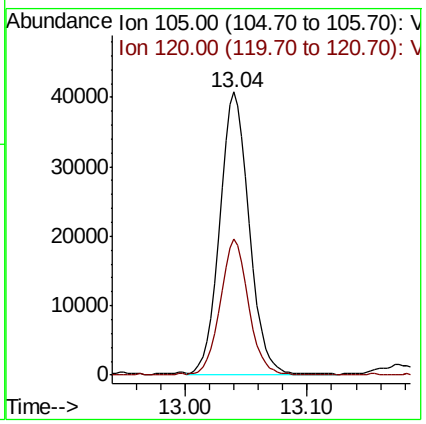


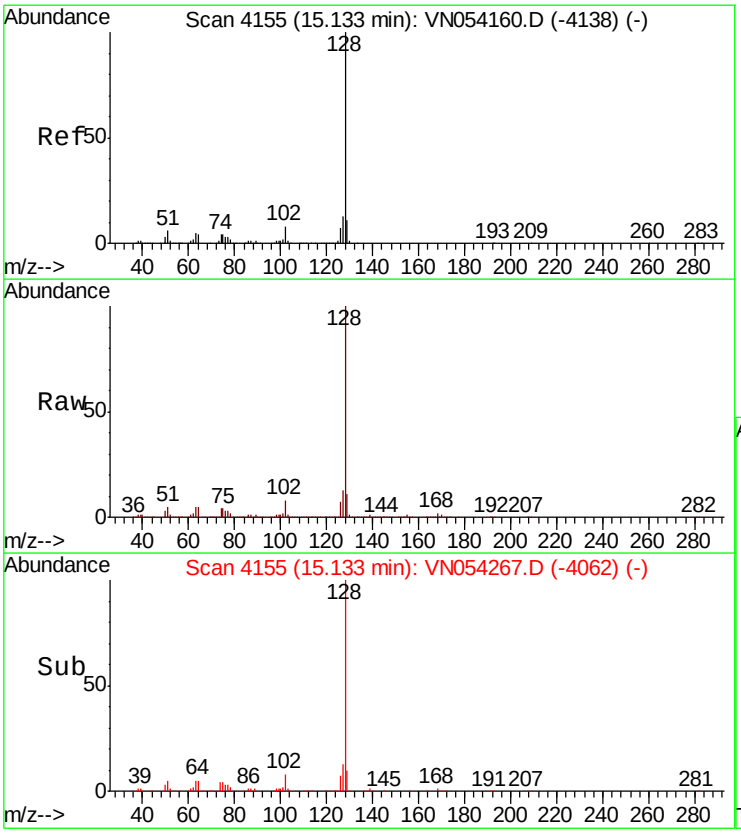

#84
1,2,4-Trimethylbenzene
Concen: 0.836 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

**Instrument :**
MSVOA_N
**ClientSampleId :**
MW-5A

Tgt Ion:105 Resp: 69543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.7 | 23.4 | 70.3 |




#95
Naphthalene
Concen: 38.223 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion:128 Resp: 2086779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.1 | 15.1 |
| 129 | 10.8 | 8.7 | 13.1 |