Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033119\
Data File : VN054855.D
Acq On : 31 Mar 2019 17:18
Operator : JC/SP
Sample : K2180-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** TP-6S

Quant Time: Apr 01 03:39:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 543491 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 882808 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 741975 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 277956 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 363631 | 49.63 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.26% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 280785 | 47.71 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.42% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 1050001 | 47.99 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.98% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 327697 | 45.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.06% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 20) Methylene Chloride | 4.55 | 84 | 1029908 | 167.120 | ug/l # | 83 |
| 43) Isopropyl Acetate | 8.18 | 43 | 17331 | 1.768 | ug/l # | 94 |
| 67) Ethyl Benzene | 11.51 | 91 | 70543 | 2.691 | ug/l | 92 |
| 68) m/p-Xylenes | 11.62 | 106 | 119832 | 12.352 | ug/l | 92 |
| 69) o-Xylene | 11.95 | 106 | 59353 | 6.239 | ug/l | 94 |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105 | 81507 | 4.372 | ug/l | 95 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 394510 | 22.213 | ug/l | 97 |
| 95) Naphthalene | 15.13 | 128 | 38454 | 3.839 | ug/l | 98 |

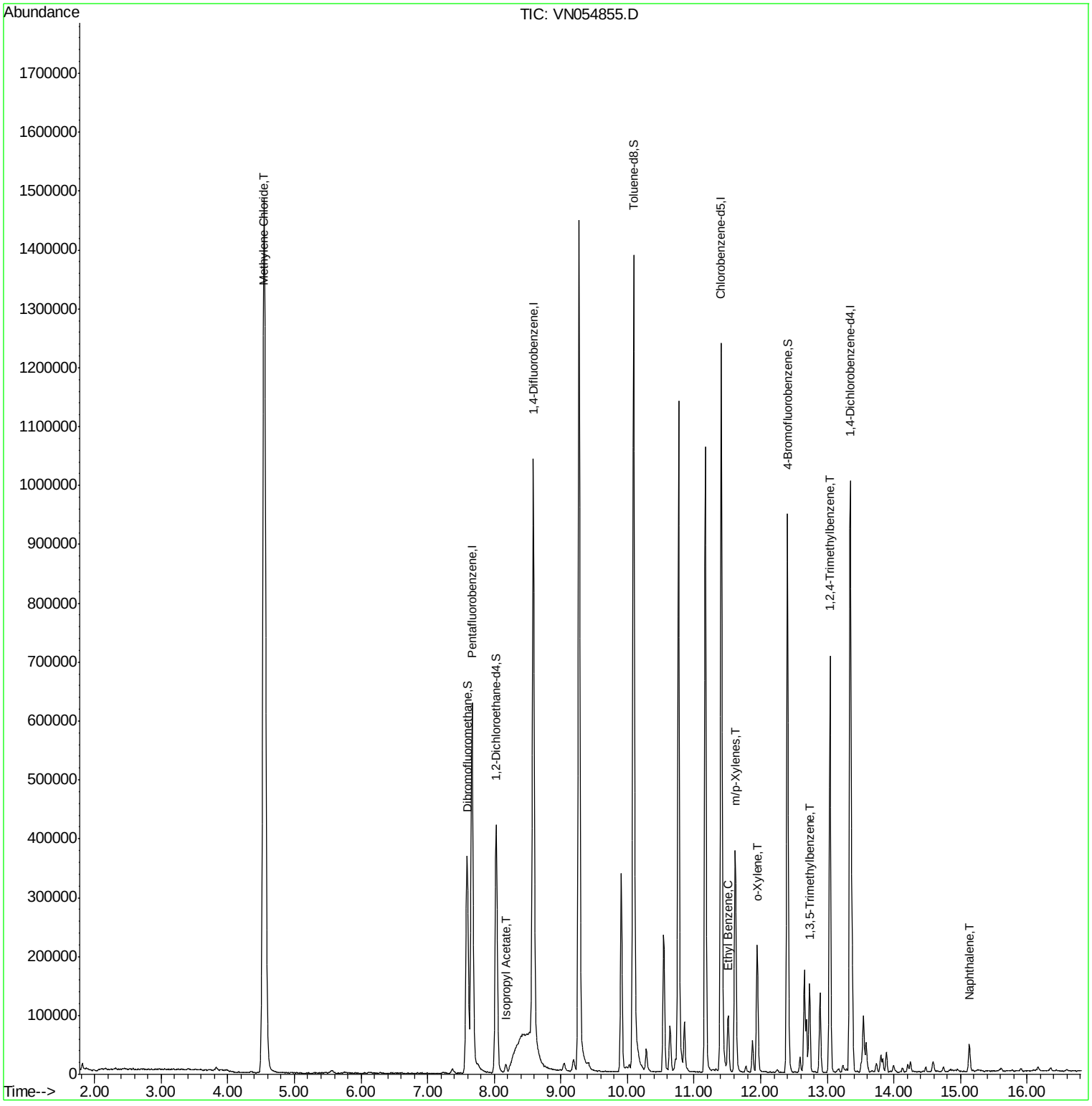
(#) = qualifier out of range (m) = manual integration (+) = signals summed

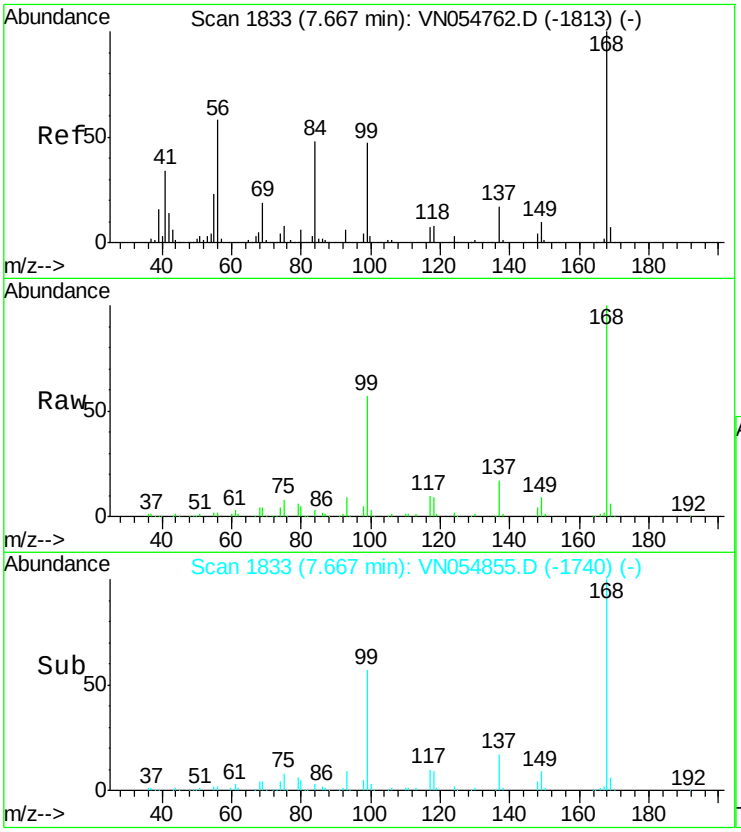
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033119\
Data File : VN054855.D
Acq On : 31 Mar 2019 17:18
Operator : JC/SP
Sample : K2180-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-6S

Quant Time: Apr 01 03:39:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration



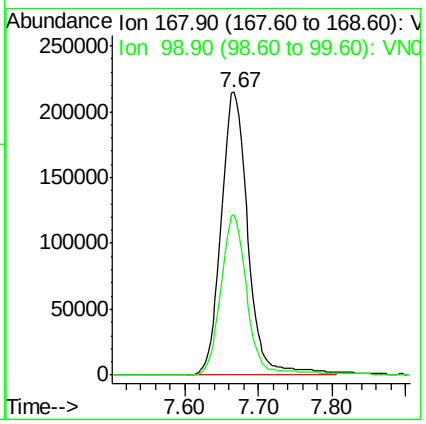


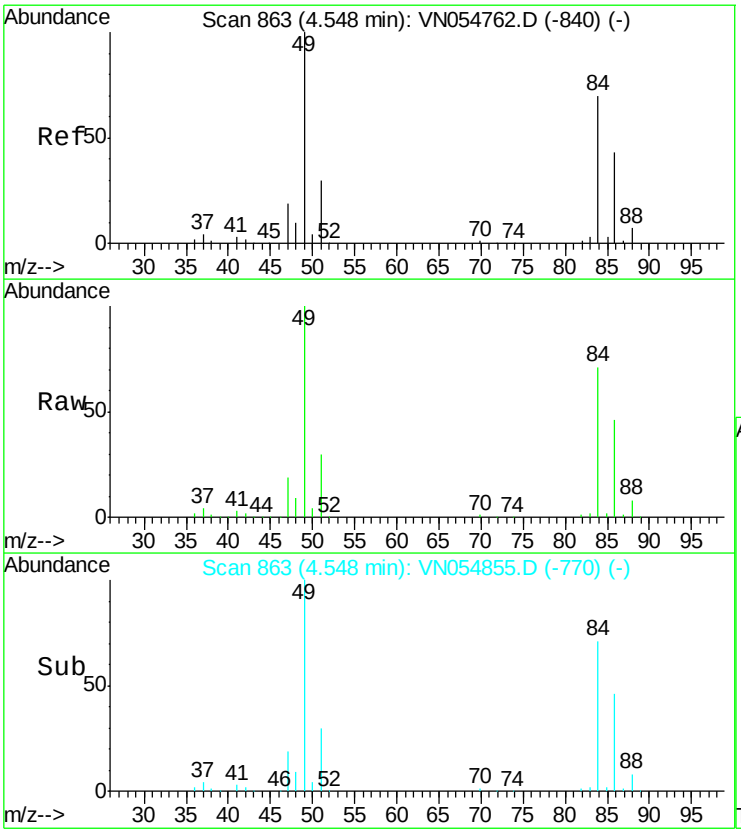

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-6S

Tgt Ion:168 Resp: 543491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.7 | 37.1 | 55.7# |

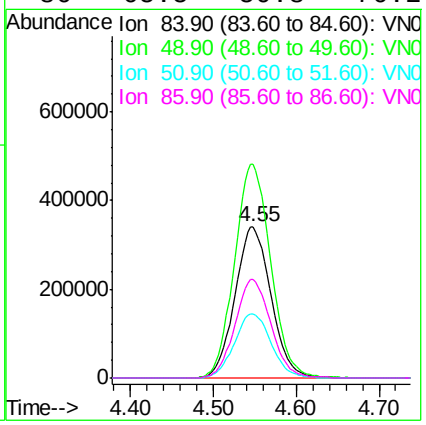


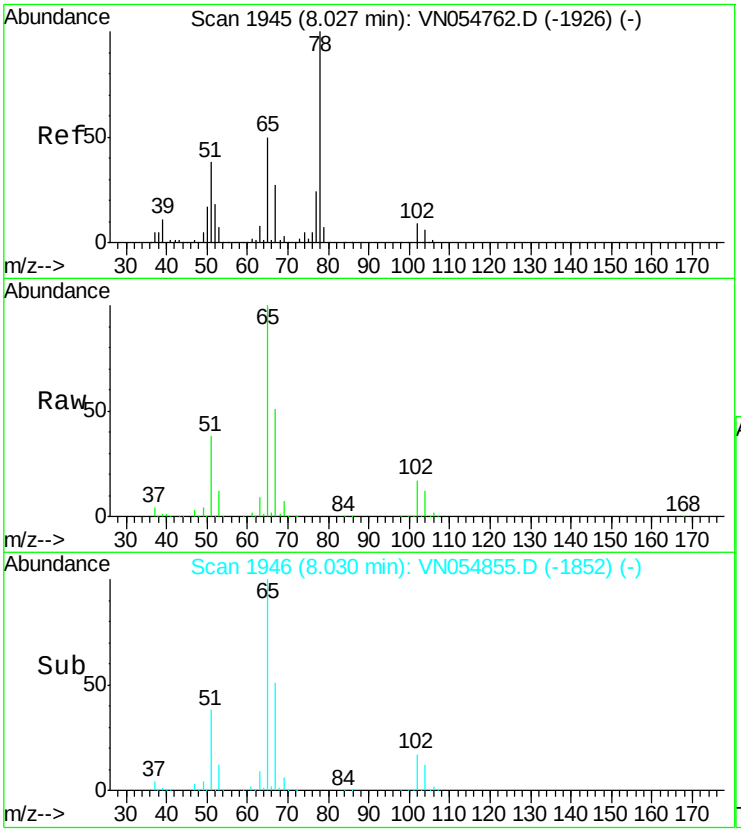




#20
Methylene Chloride
Concen: 167.120 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

Tgt Ion: 84 Resp: 1029908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 141.0 | 89.7 | 134.5# |
| 51 | 42.5 | 28.2 | 42.4# |
| 86 | 65.5 | 50.8 | 76.2 |



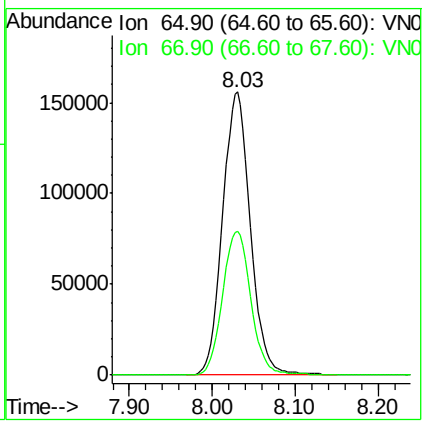


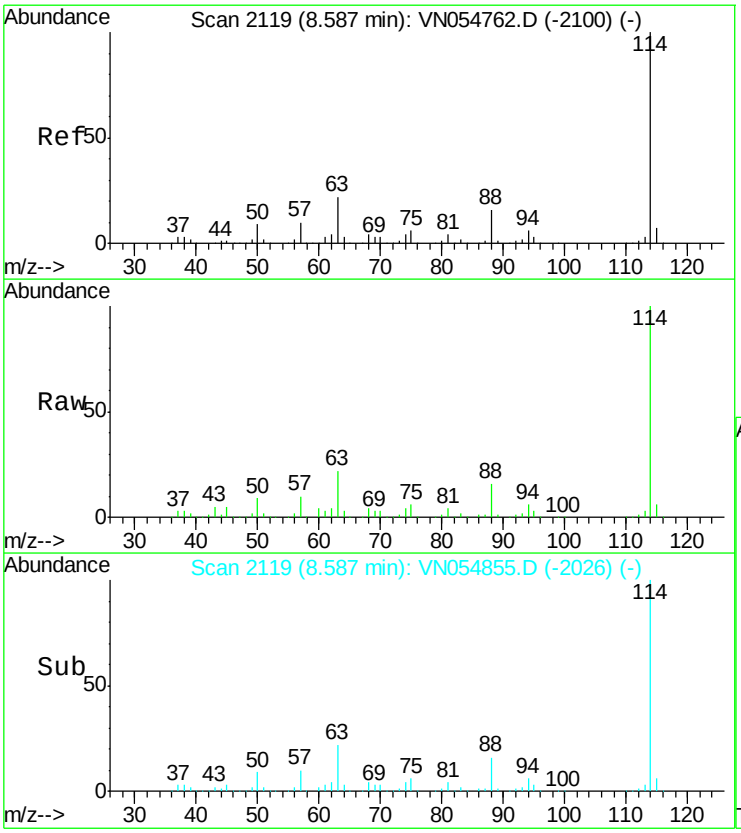

#33
1,2-Dichloroethane-d4
Concen: 49.633 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-6S

Tgt Ion: 65 Resp: 363631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.8 | 0.0 | 104.6 |

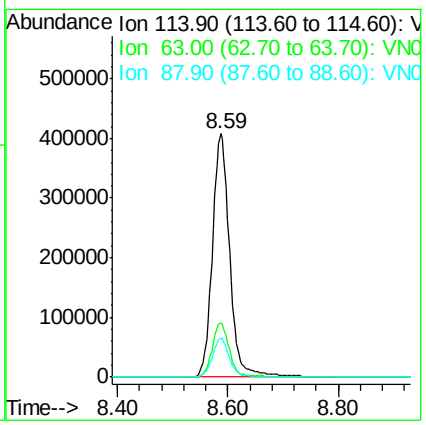


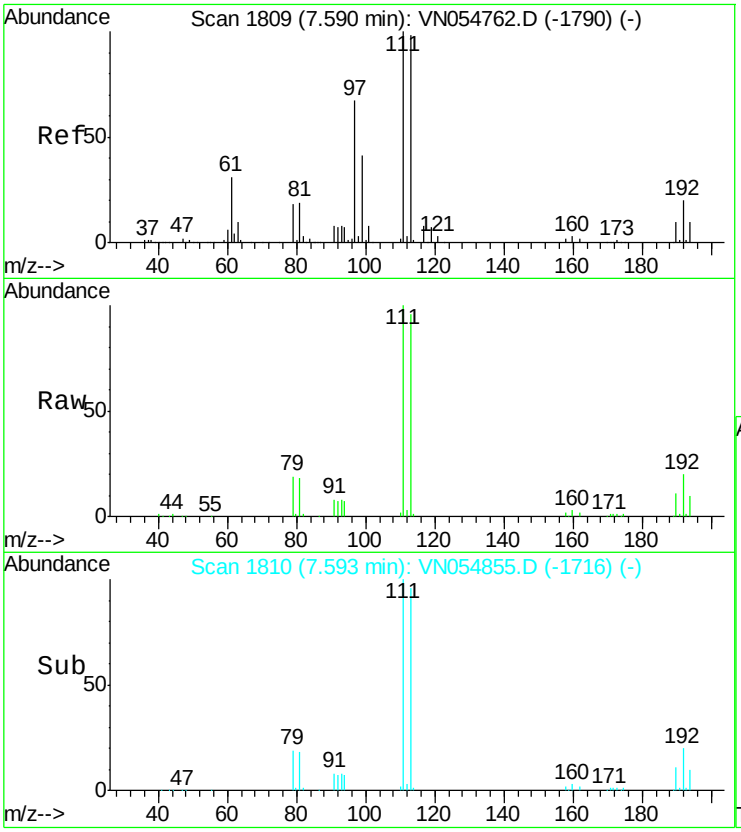




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

Tgt Ion:114 Resp: 882808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.3 | 0.0 | 35.2 |
| 88 | 15.9 | 0.0 | 30.2 |



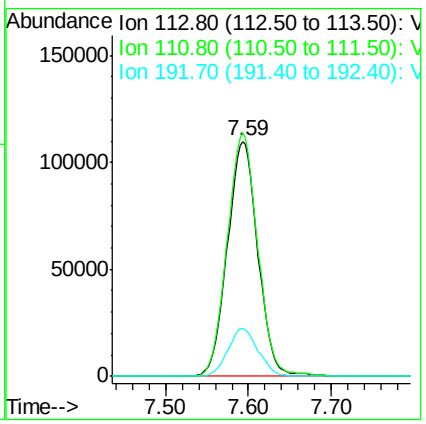


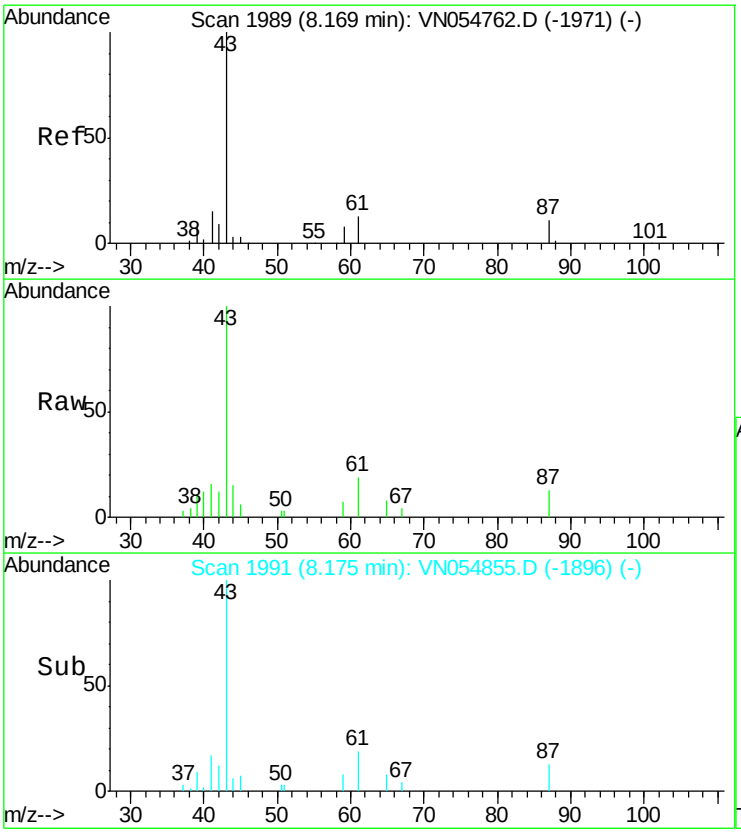

#35
Dibromofluoromethane
Concen: 47.707 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-6S

Tgt Ion:113 Resp: 280785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.7 | 82.2 | 123.4 |
| 192 | 20.3 | 19.2 | 28.8 |

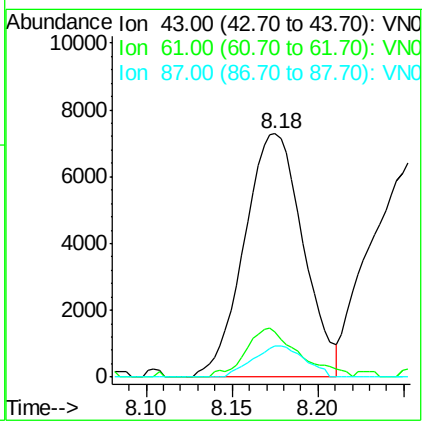


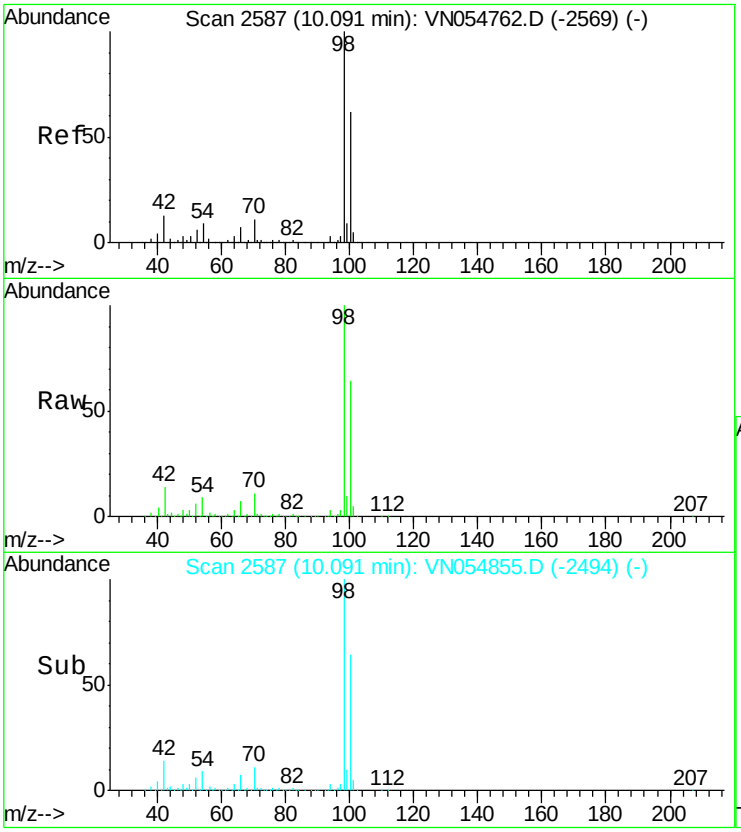




#43
Isopropyl Acetate
Concen: 1.768 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

Tgt Ion: 43 Resp: 17331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.1 | 15.8 | 23.8 |
| 87 | 11.1 | 12.0 | 18.0# |



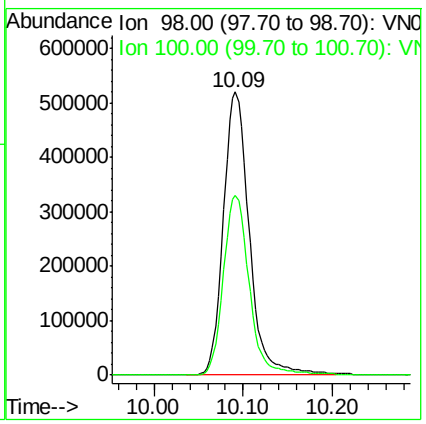


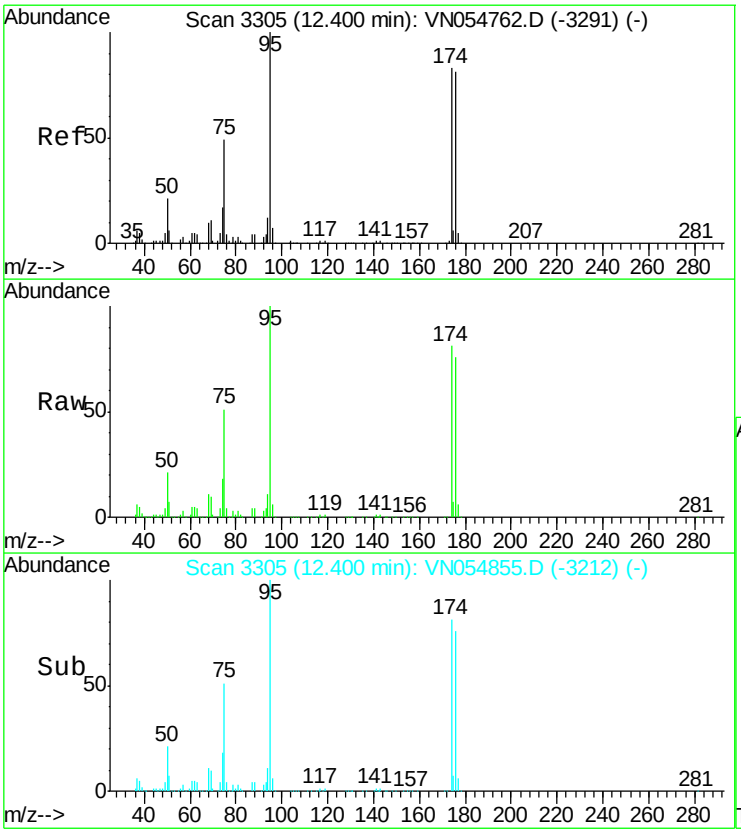

#50
Toluene-d8
Concen: 47.986 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-6S

Tgt Ion: 98 Resp: 1050001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.5 | 51.2 | 76.8 |

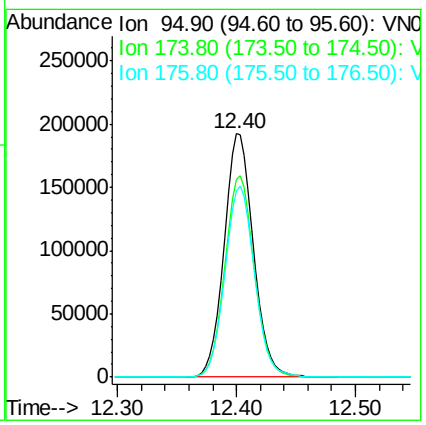


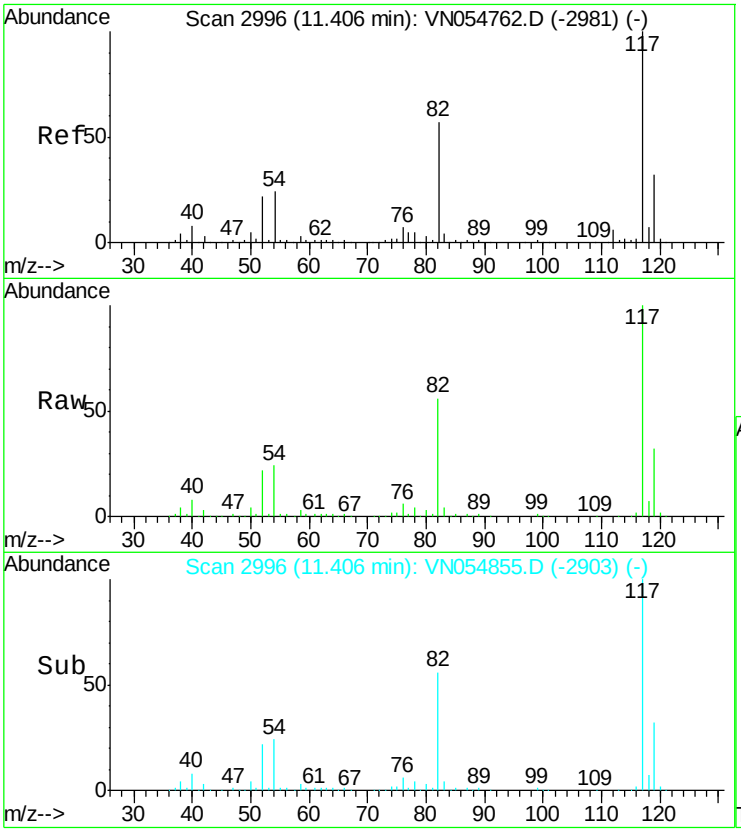




#62
4-Bromofluorobenzene
Concen: 45.030 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

Tgt Ion: 95 Resp: 327697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 83.3 | 0.0 | 191.0 |
| 176 | 79.5 | 0.0 | 187.4 |



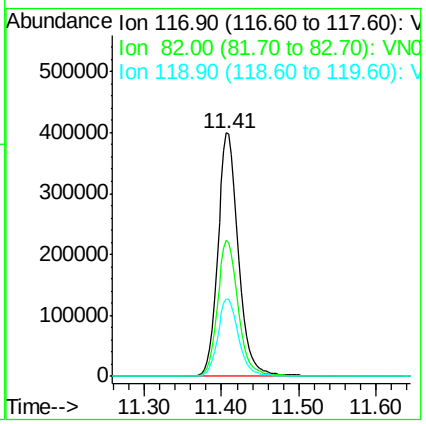


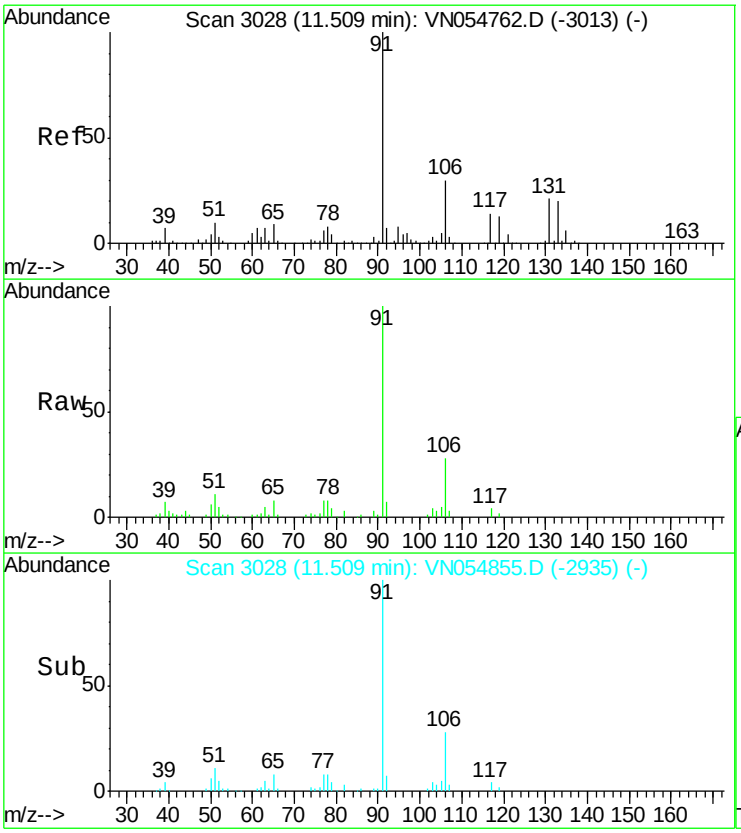

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-6S

Tgt Ion:117 Resp: 741975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.1 | 40.0 | 60.0 |
| 119 | 31.8 | 25.8 | 38.6 |

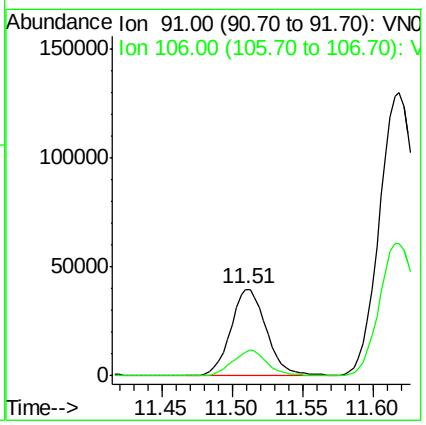


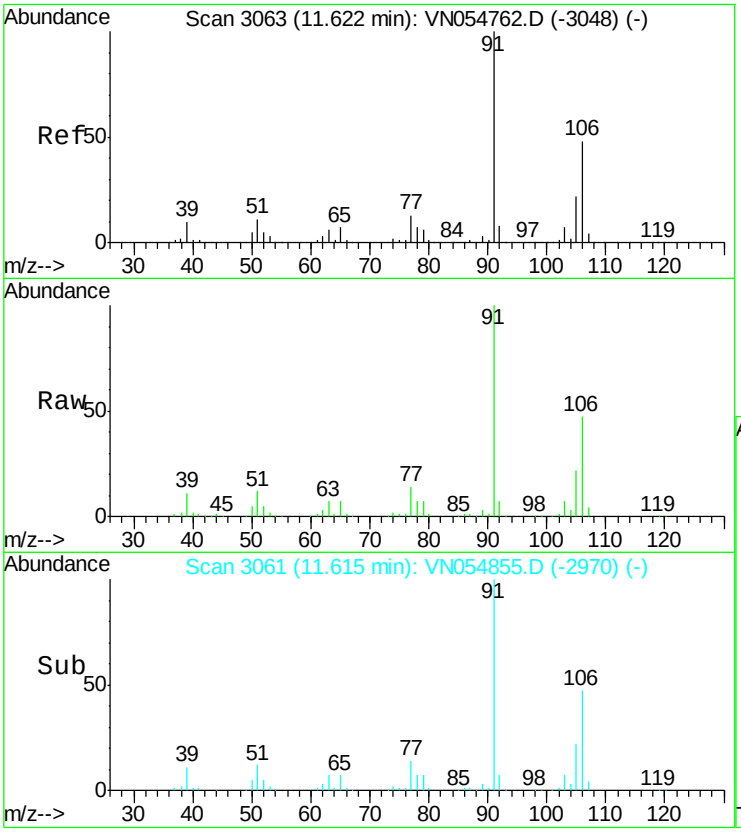




#67
Ethyl Benzene
Concen: 2.691 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

Tgt Ion: 91 Resp: 70543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 27.6 | 25.5 | 38.3 |



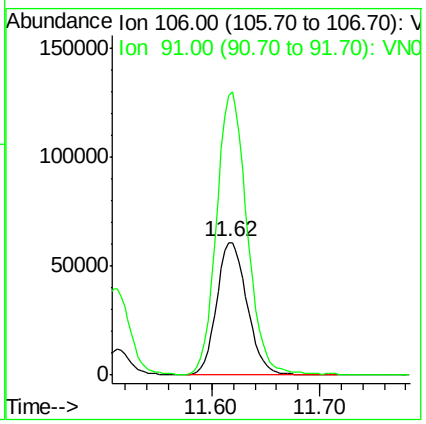


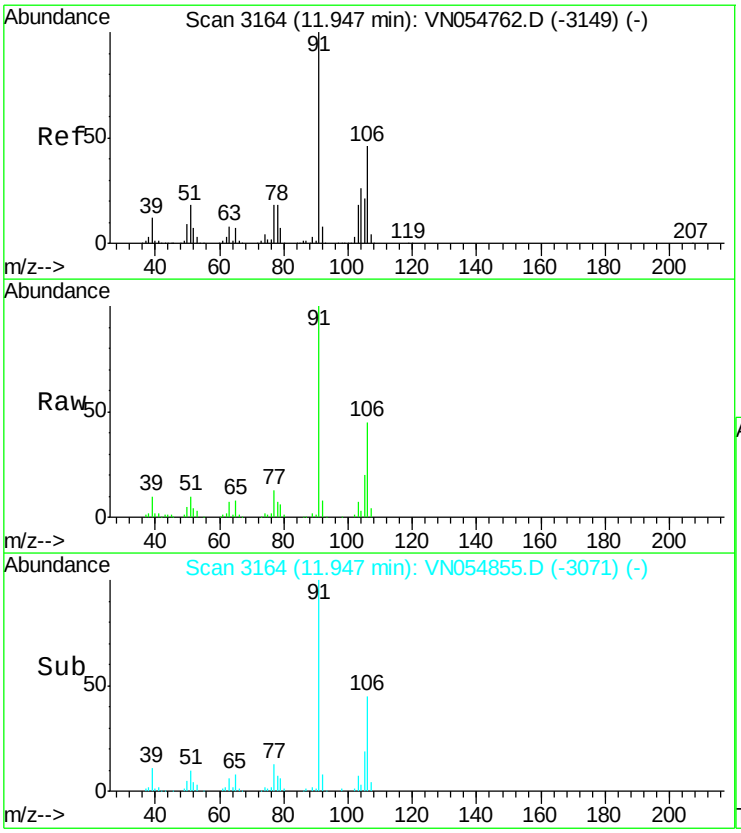

#68
m/p-Xylenes
Concen: 12.352 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-6S

Tgt Ion:106 Resp: 119832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.2 | 159.4 | 239.2 |

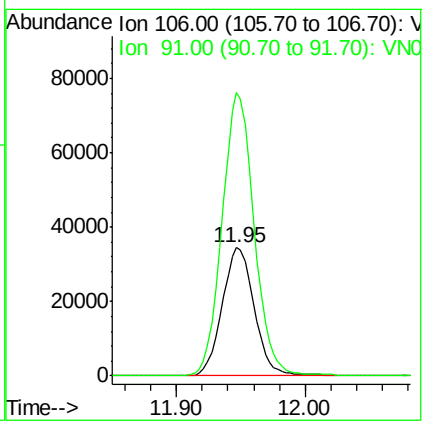


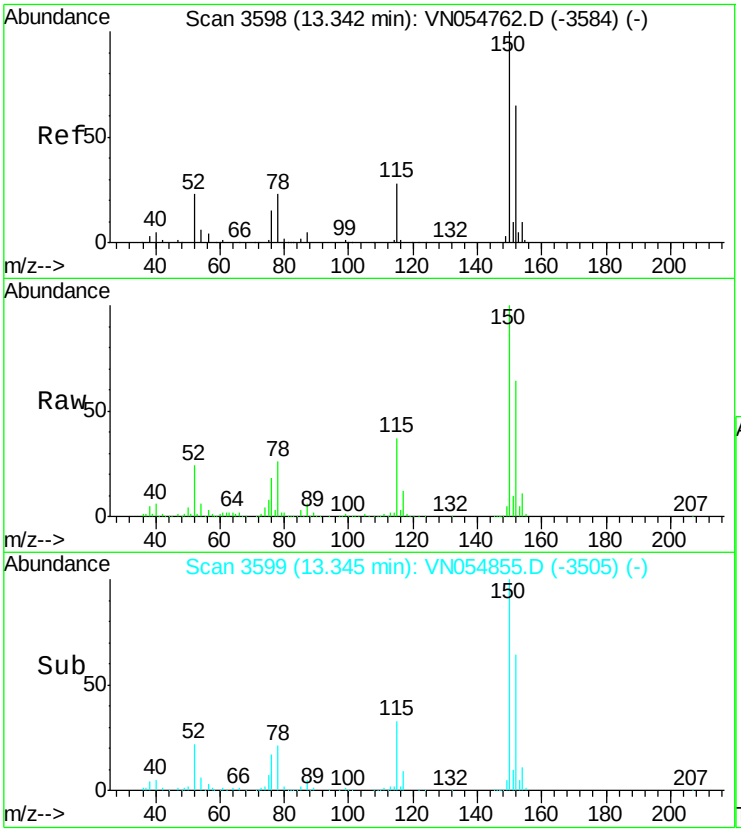




#69
o-Xylene
Concen: 6.239 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

Tgt Ion:106 Resp: 59353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 220.2 | 105.7 | 317.1 |



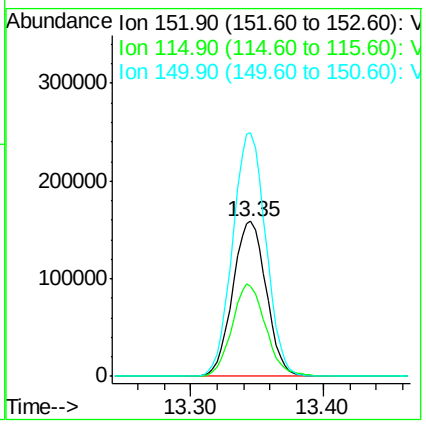


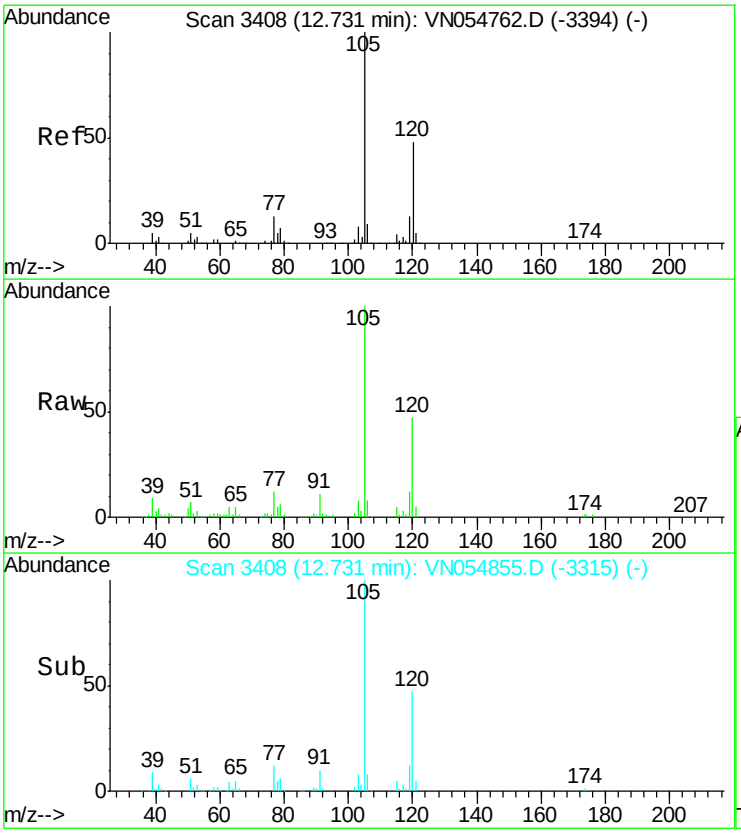

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-6S

Tgt Ion:152 Resp: 277956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.9 | 27.2 | 81.6 |
| 150 | 156.1 | 0.0 | 349.2 |

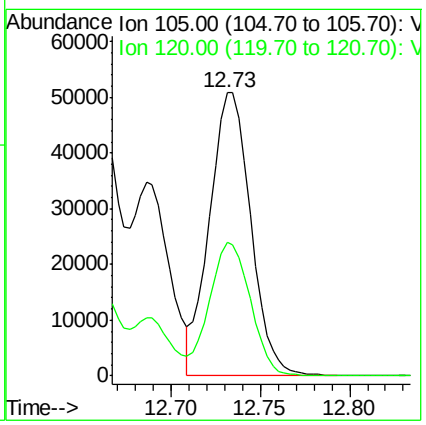


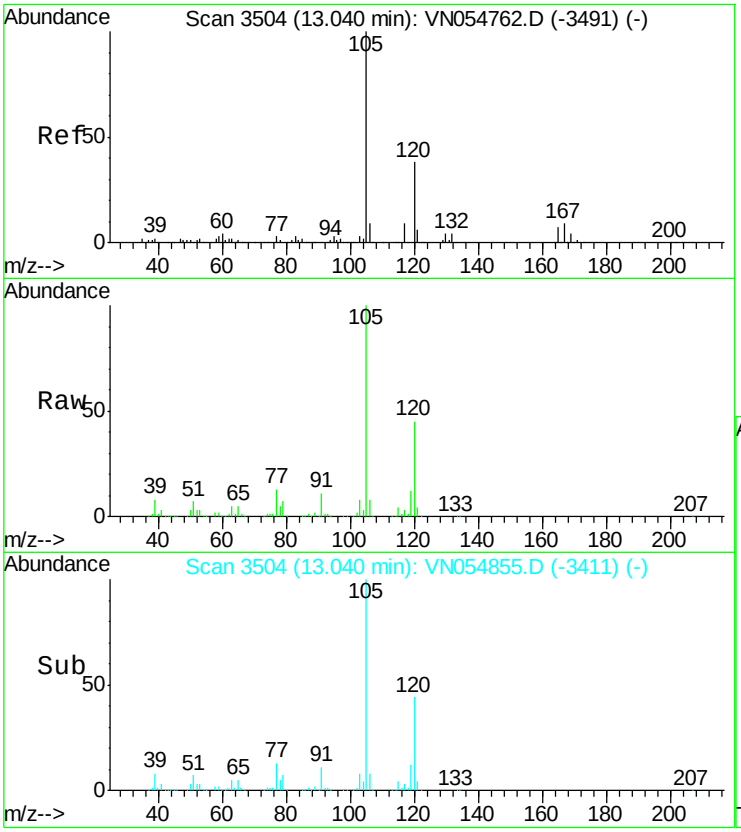




#80
1,3,5-Trimethylbenzene
Concen: 4.372 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

Tgt Ion:105 Resp: 81507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.7 | 25.0 | 75.0 |



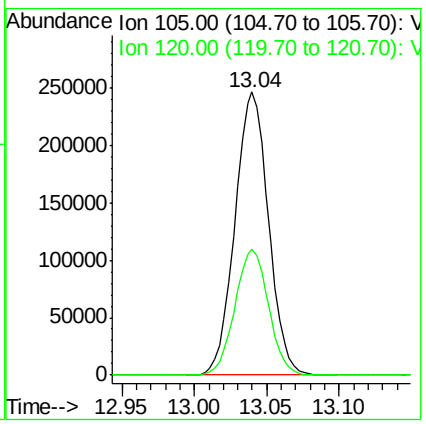


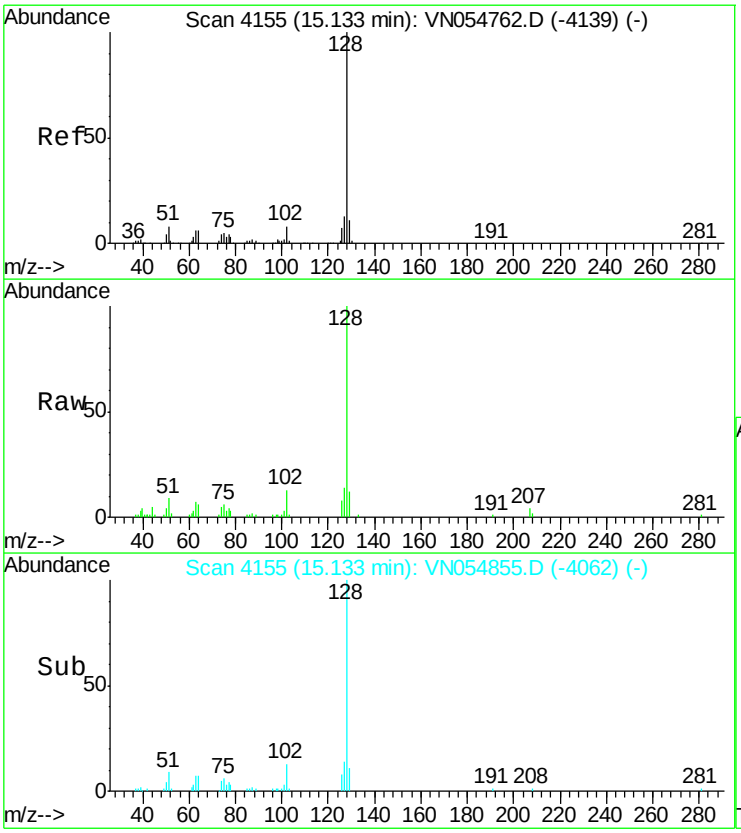

#84
1,2,4-Trimethylbenzene
Concen: 22.213 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-6S

Tgt Ion:105 Resp: 394510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.6 | 23.4 | 70.3 |




#95
Naphthalene
Concen: 3.839 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054855.D
Acq: 31 Mar 2019 17:18

Tgt Ion:128 Resp: 38454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.7 | 10.1 | 15.1 |
| 129 | 11.3 | 8.7 | 13.1 |