Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080320\
Data File : VN062731.D
Acq On : 3 Aug 2020 13:25
Operator : JC/MD
Sample : L3539-02 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** I-LDC-5

Quant Time: Aug 04 07:44:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.63 | 168 | 125474 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.55 | 114 | 219923 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.38 | 117 | 220854 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152 | 96864 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.99 | 65 | 108650 | 55.74 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 111.48% | | | |
| 35) Dibromofluoromethane | 7.55 | 113 | 74199 | 51.36 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.72% | | | |
| 50) Toluene-d8 | 10.06 | 98 | 286943 | 49.78 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.56% | | | |
| 62) 4-Bromofluorobenzene | 12.38 | 95 | 116908 | 55.47 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 110.94% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.78 | 43 | 20931 | 28.536 | ug/l | 94 |
| 17) Carbon Disulfide | 4.00 | 76 | 232737 | 52.723 | ug/l | 99 |
| 25) 2-Butanone | 6.80 | 43 | 3637 | 3.256 | ug/l | 98 |
| 30) Chloroform | 7.33 | 83 | 1348 | 0.456 | ug/l | 94 |
| 40) Benzene | 8.00 | 78 | 19992 | 2.817 | ug/l | 96 |
| 52) Toluene | 10.12 | 92 | 3866 | 0.938 | ug/l | 95 |
| 68) m/p-Xylenes | 11.59 | 106 | 3195 | 1.047 | ug/l | 92 |
| 69) o-Xylene | 11.92 | 106 | 1278 | 0.441 | ug/l | 82 |
| 84) 1,2,4-Trimethylbenzene | 13.01 | 105 | 2475 | 0.397 | ug/l | 96 |
| 95) Naphthalene | 15.10 | 128 | 258831 | 59.328 | ug/l | 99 |

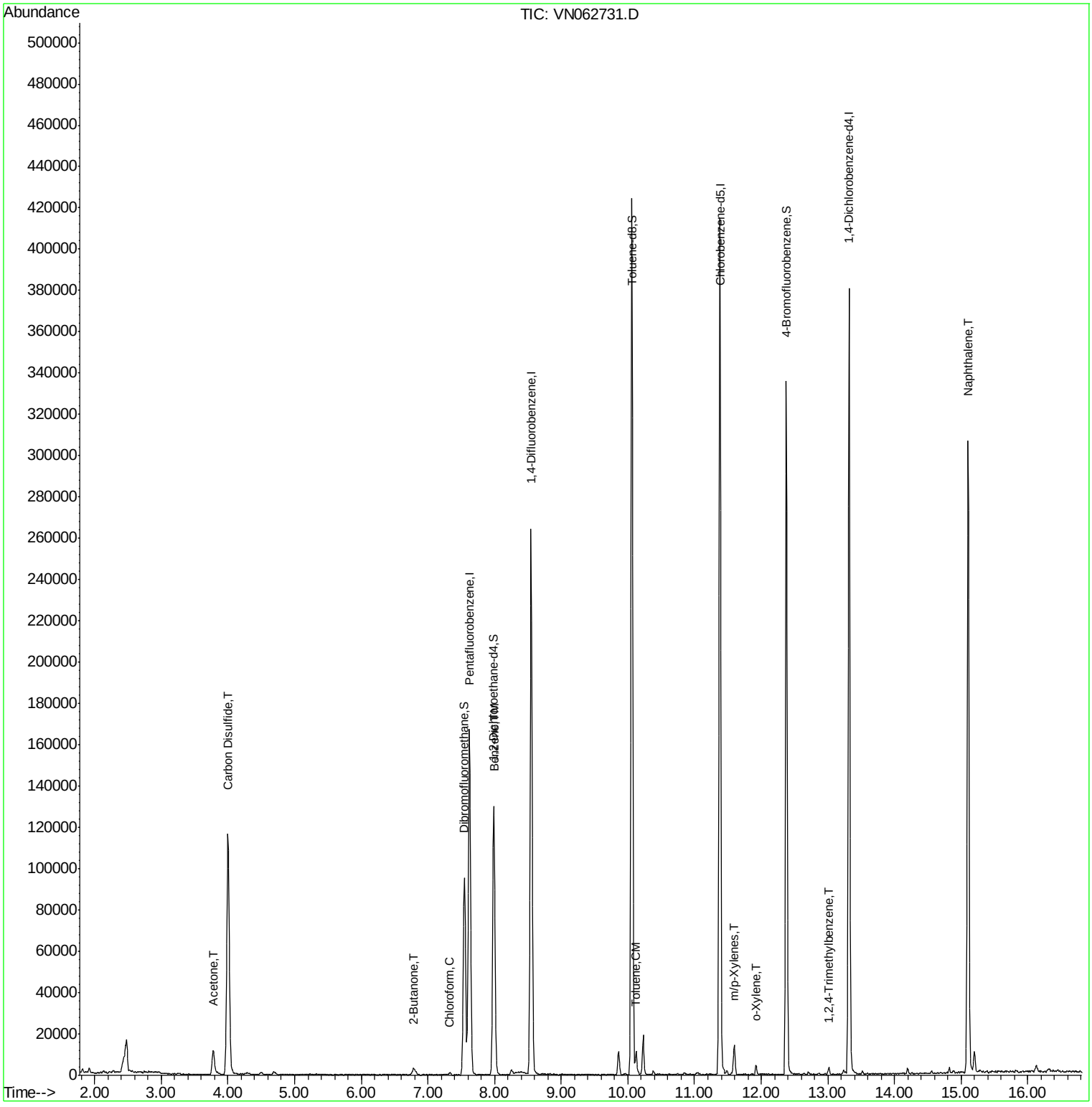
(#) = qualifier out of range (m) = manual integration (+) = signals summed

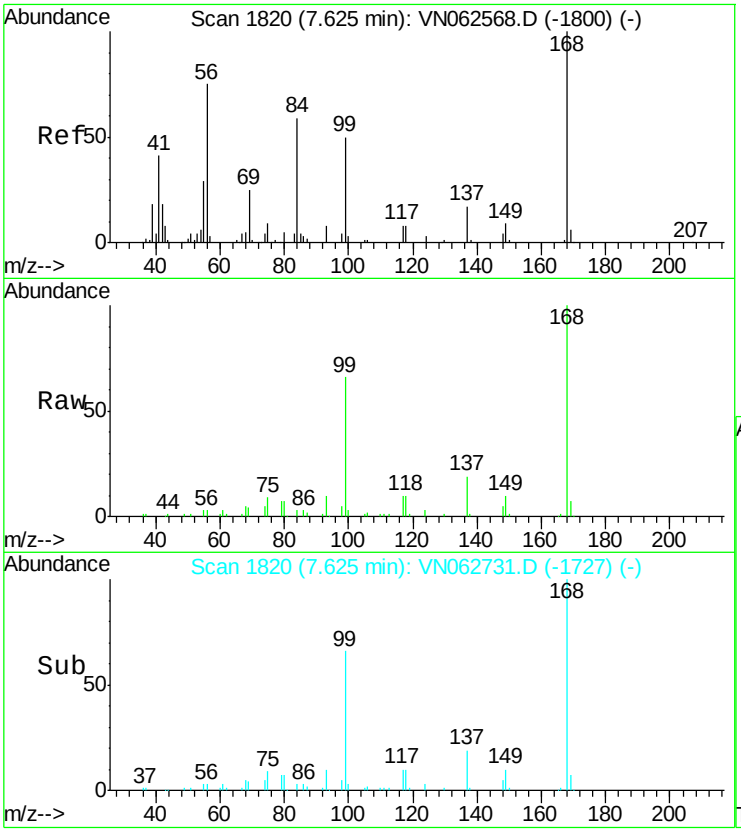
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080320\
Data File : VN062731.D
Acq On : 3 Aug 2020 13:25
Operator : JC/MD
Sample : L3539-02 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** I-LDC-5

Quant Time: Aug 04 07:44:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration



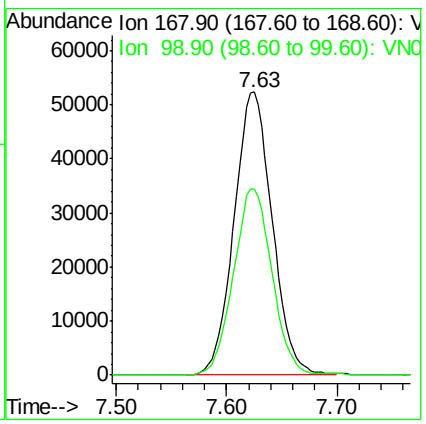


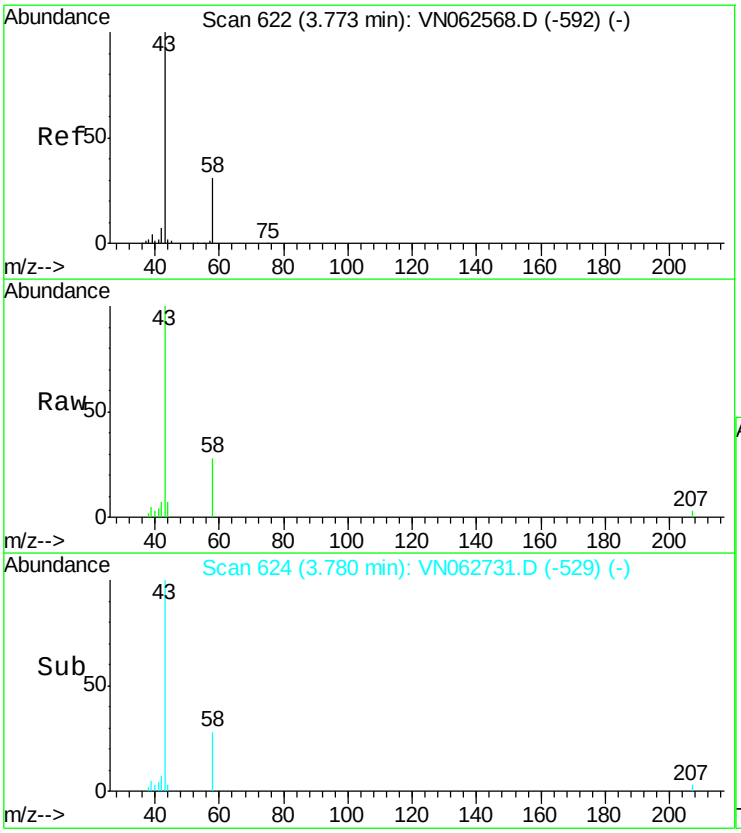

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

**Instrument :** MSVOA_N
**ClientSampleId :** I-LDC-5

Tgt Ion:168 Resp: 125474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 65.7 | 48.4 | 72.6 |

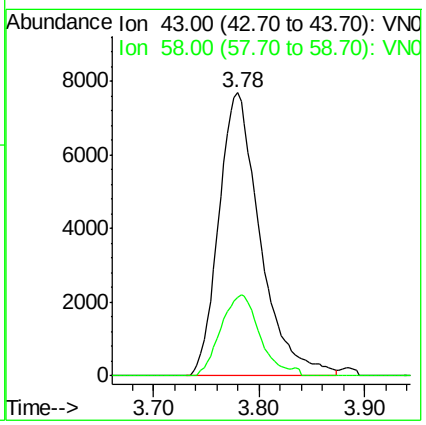


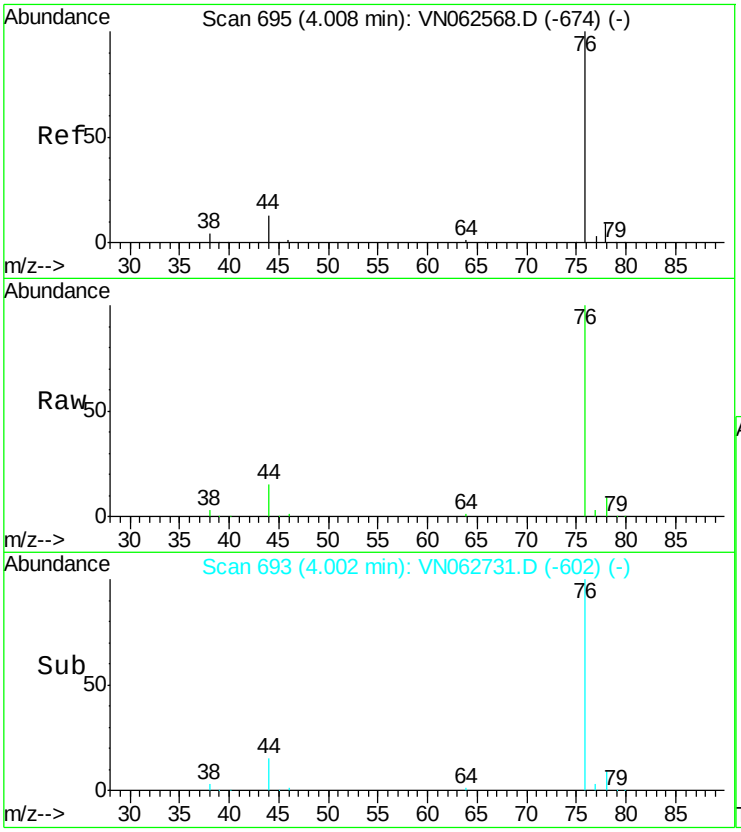




#16
Acetone
Concen: 28.536 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.01 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

Tgt Ion: 43 Resp: 20931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.6 | 24.6 | 37.0 |



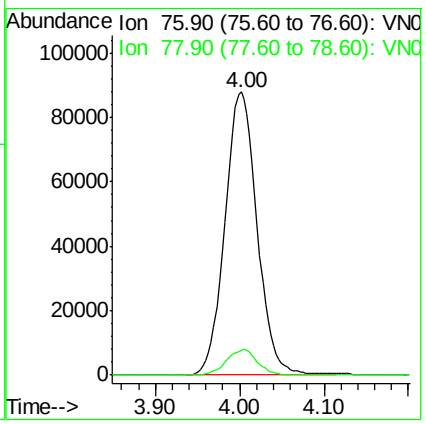


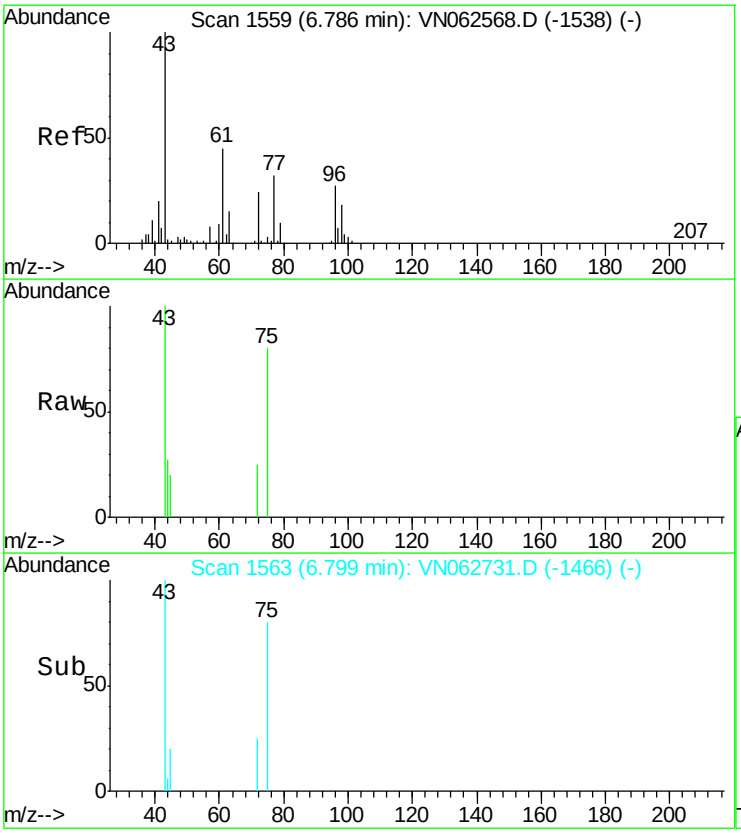

#17
Carbon Disulfide
Concen: 52.723 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

**Instrument :** MSVOA_N
**ClientSampleId :** I-LDC-5

Tgt Ion: 76 Resp: 232737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.9 | 7.3 | 10.9 |

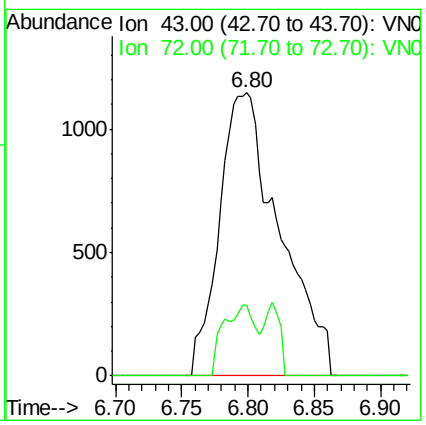


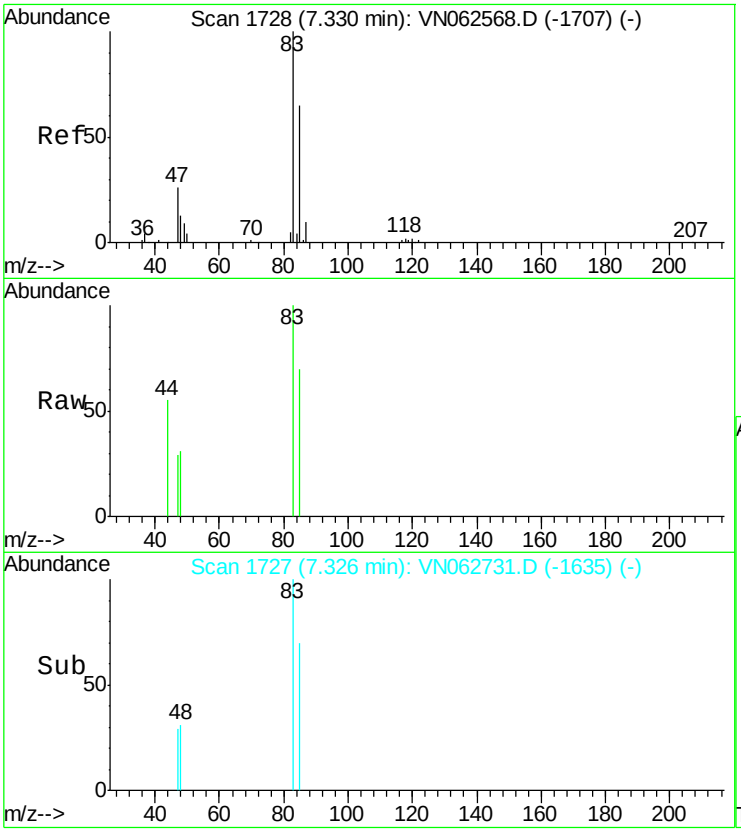




#25
2-Butanone
Concen: 3.256 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

Tgt Ion: 43 Resp: 3637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.0 | 19.0 | 28.6 |



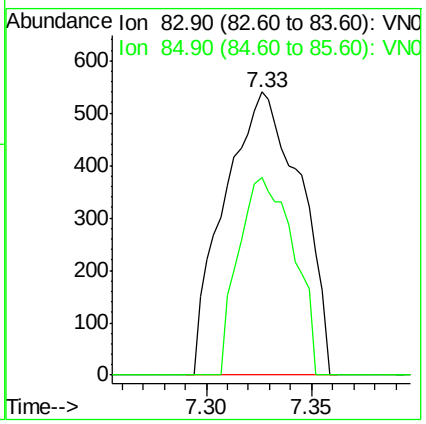


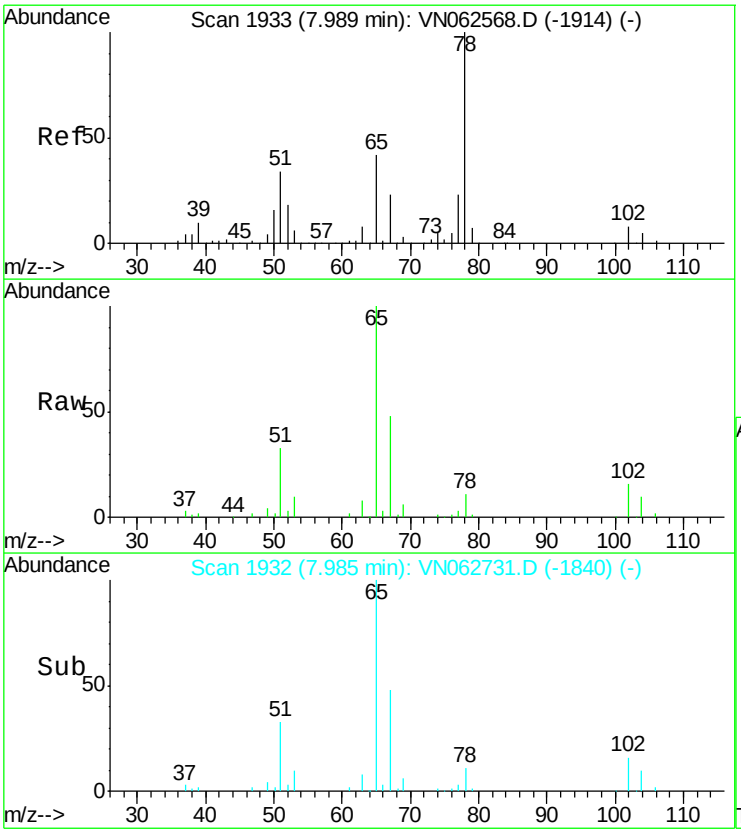

#30
Chloroform
Concen: 0.456 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

**Instrument :** MSVOA_N
**ClientSampleId :** I-LDC-5

Tgt Ion: 83 Resp: 1348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 69.8 | 52.0 | 78.0 |

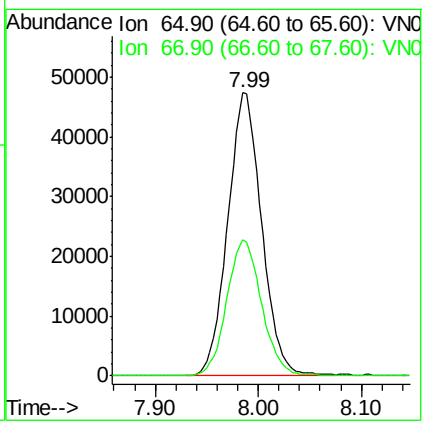


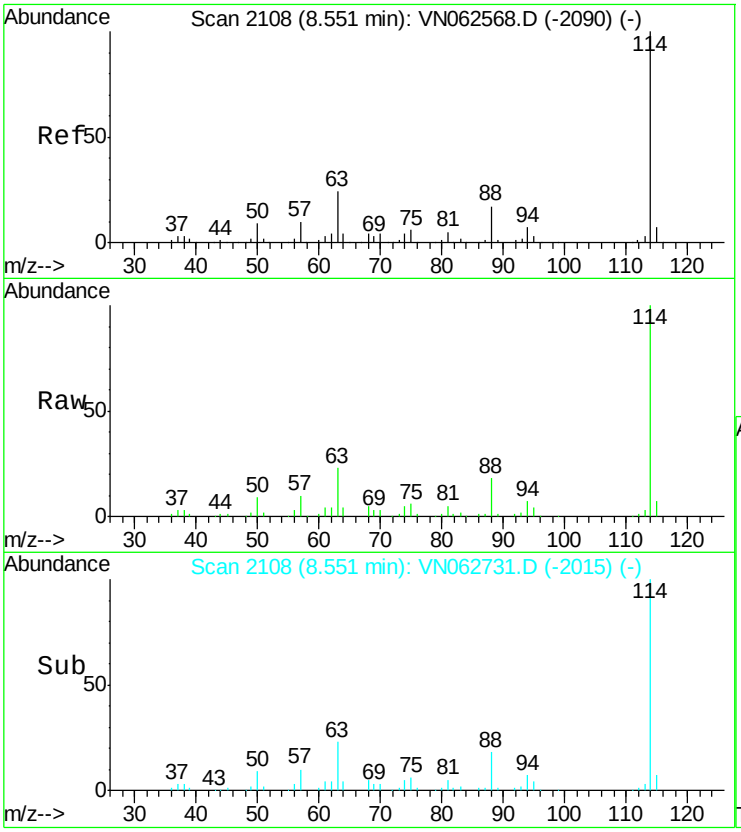




#33
1,2-Dichloroethane-d4
Concen: 55.741 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

Tgt Ion: 65 Resp: 108650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 49.2 | 0.0 | 106.0 |



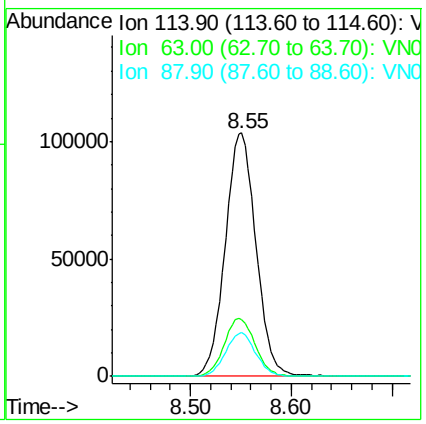


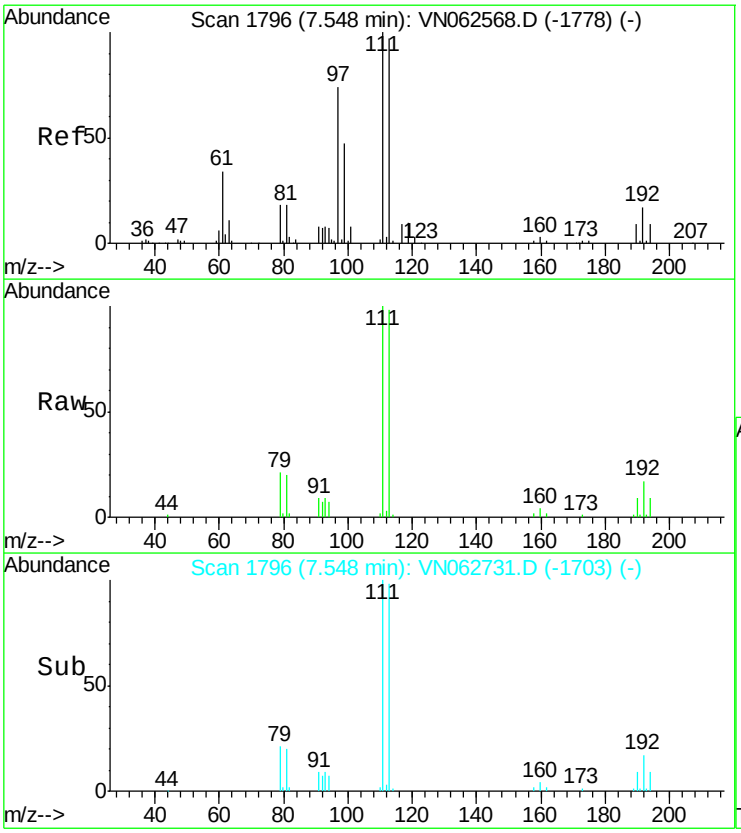

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

**Instrument :**
MSVOA_N
**ClientSampleId :**
I-LDC-5

Tgt Ion:114 Resp: 219923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.5 | 0.0 | 48.4 |
| 88 | 17.9 | 0.0 | 33.8 |

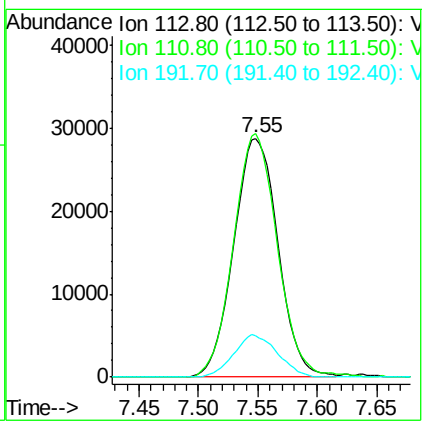


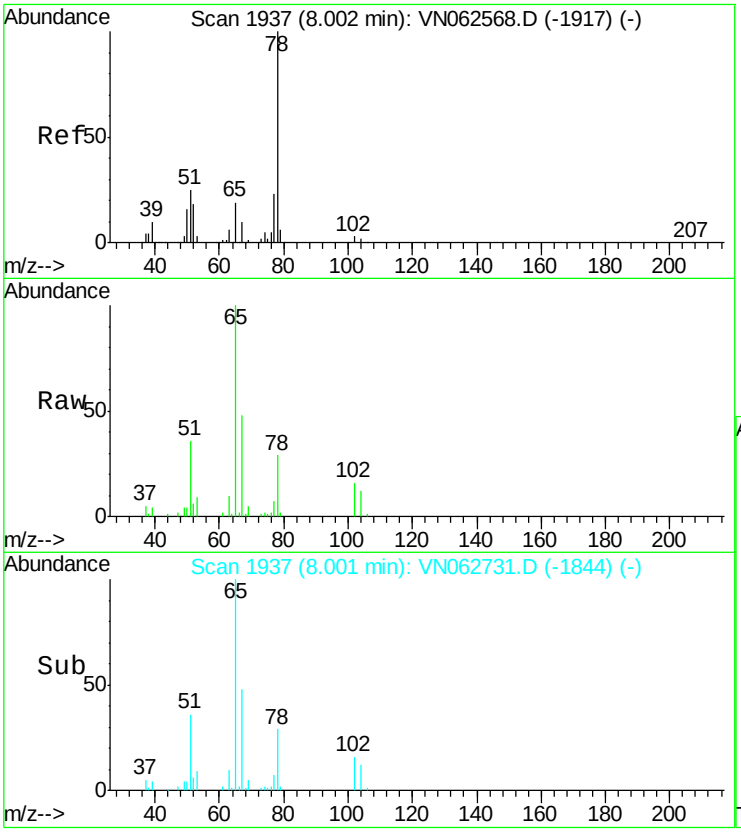




#35
Dibromofluoromethane
Concen: 51.364 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

Tgt Ion:113 Resp: 74199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.0 | 82.7 | 124.1 |
| 192 | 17.5 | 14.8 | 22.2 |



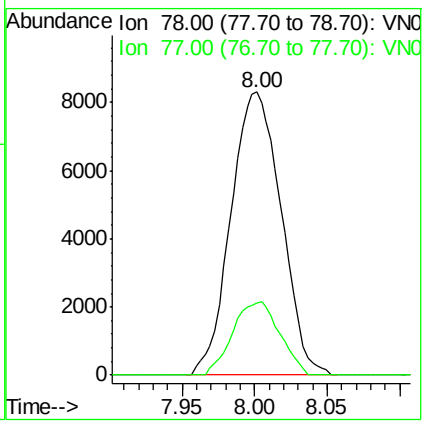


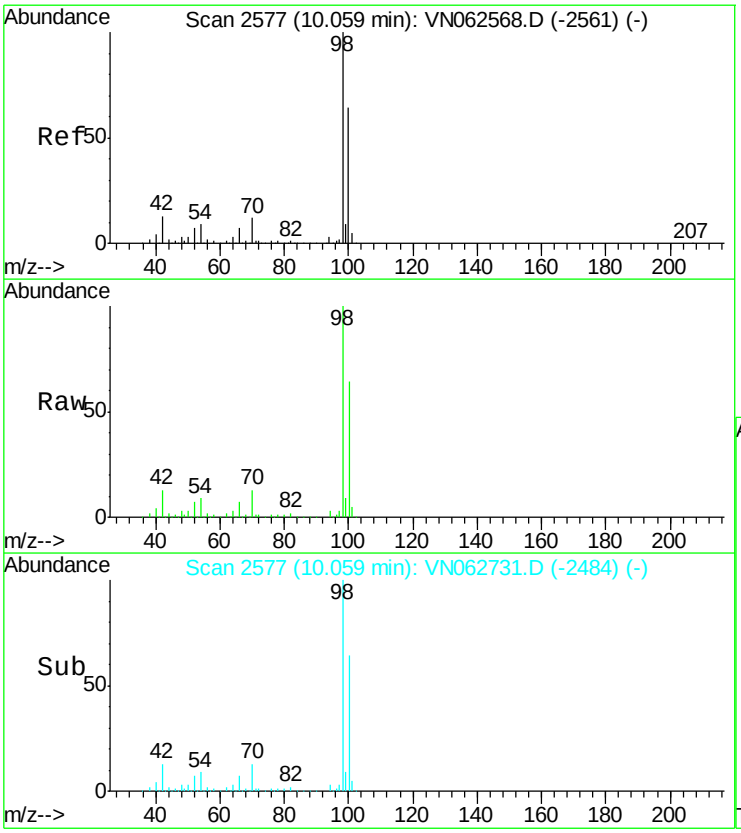

#40
Benzene
Concen: 2.817 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

**Instrument :**
MSVOA_N
**ClientSampleId :**
I-LDC-5

Tgt Ion: 78 Resp: 19992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 25.5 | 18.7 | 28.1 |

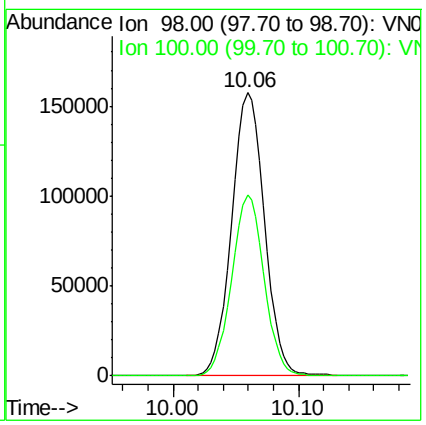


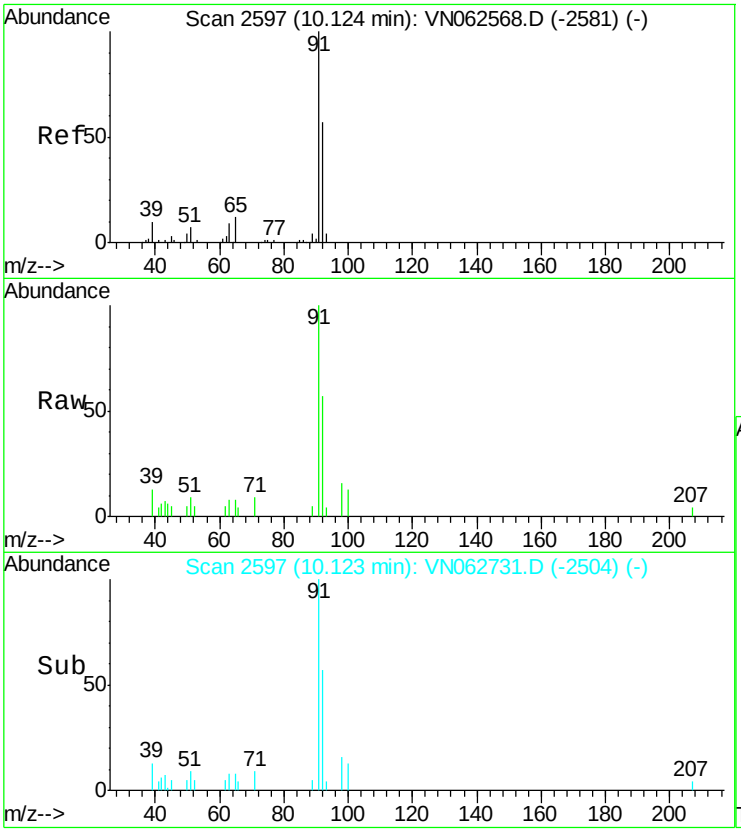




#50
Toluene-d8
Concen: 49.784 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

Tgt Ion: 98 Resp: 286943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.7 | 50.9 | 76.3 |



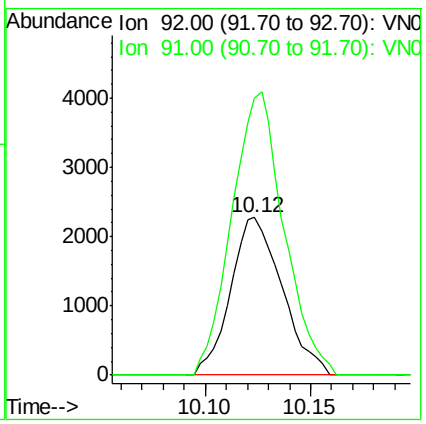


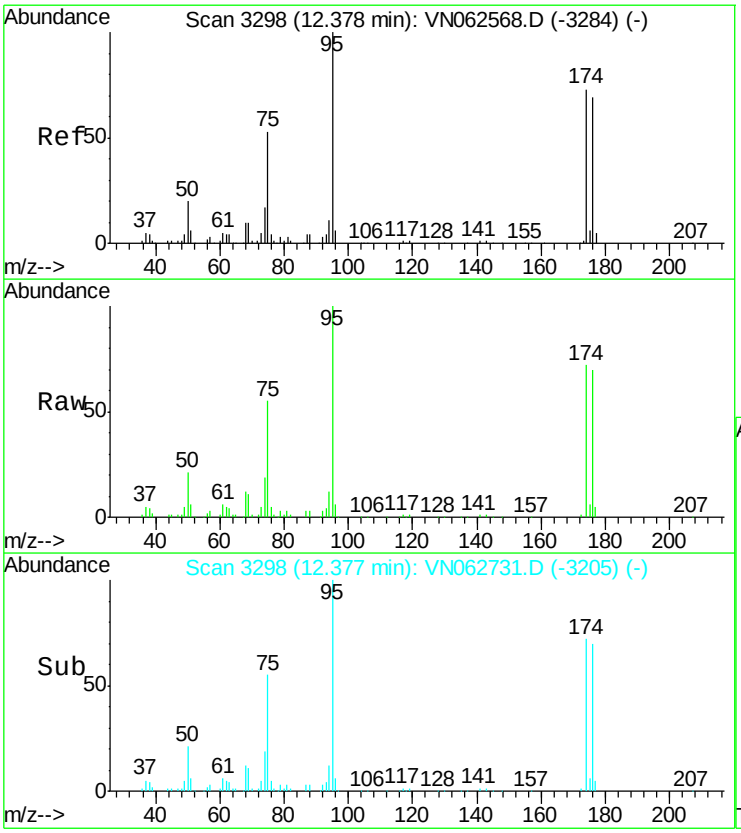

#52
Toluene
Concen: 0.938 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

**Instrument :**
MSVOA_N
**ClientSampleId :**
I-LDC-5

Tgt Ion: 92 Resp: 3866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 181.4 | 139.4 | 209.2 |

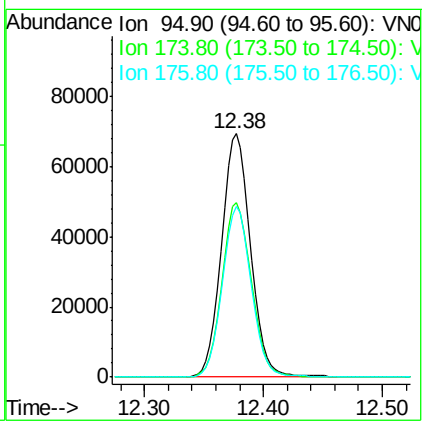


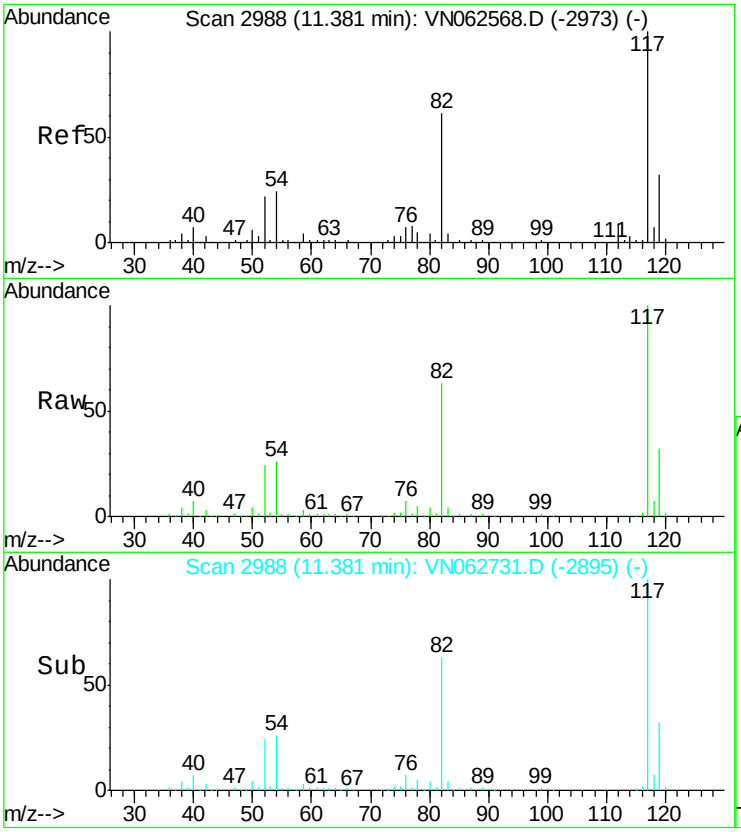




#62
4-Bromofluorobenzene
Concen: 55.473 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

Tgt Ion: 95 Resp: 116908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 72.7 | 0.0 | 144.6 |
| 176 | 70.0 | 0.0 | 139.4 |



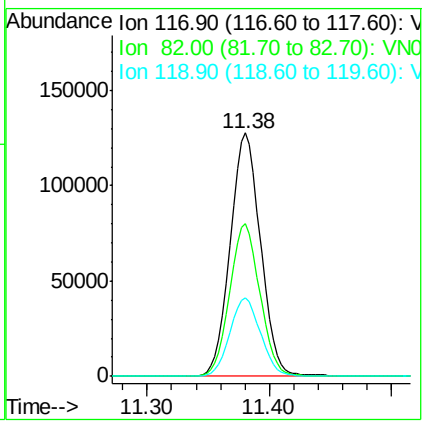


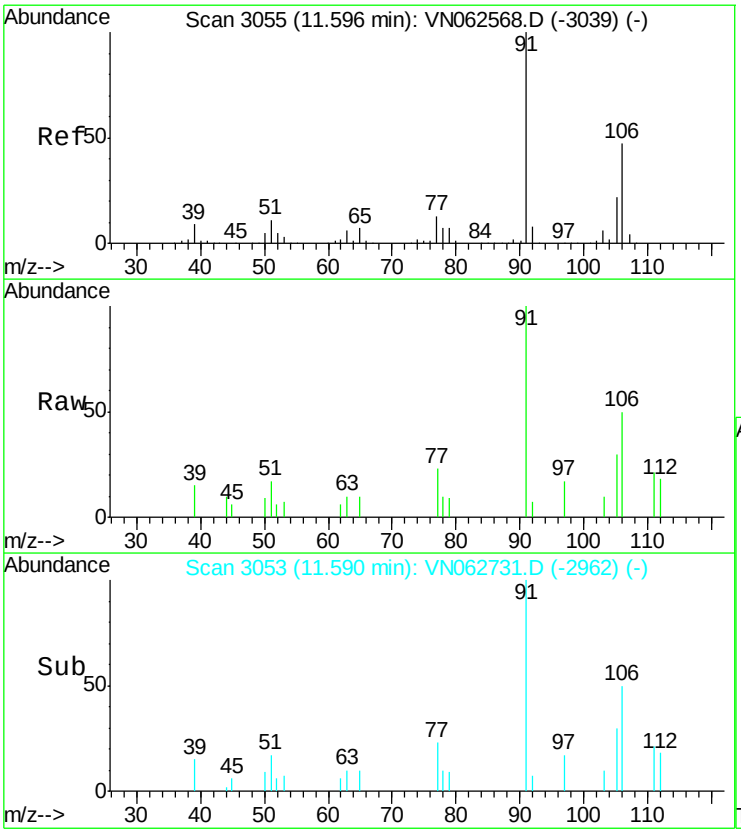

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

**Instrument :** MSVOA_N
**ClientSampleId :** I-LDC-5

Tgt Ion:117 Resp: 220854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 62.6 | 49.0 | 73.6 |
| 119 | 32.1 | 25.4 | 38.2 |

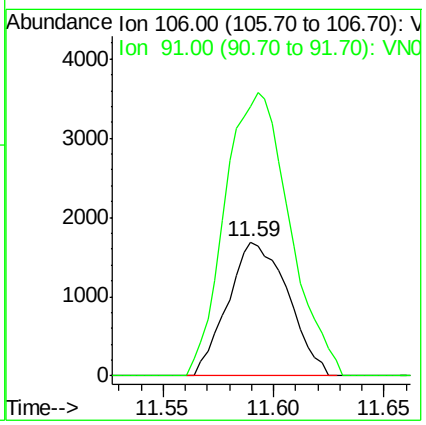


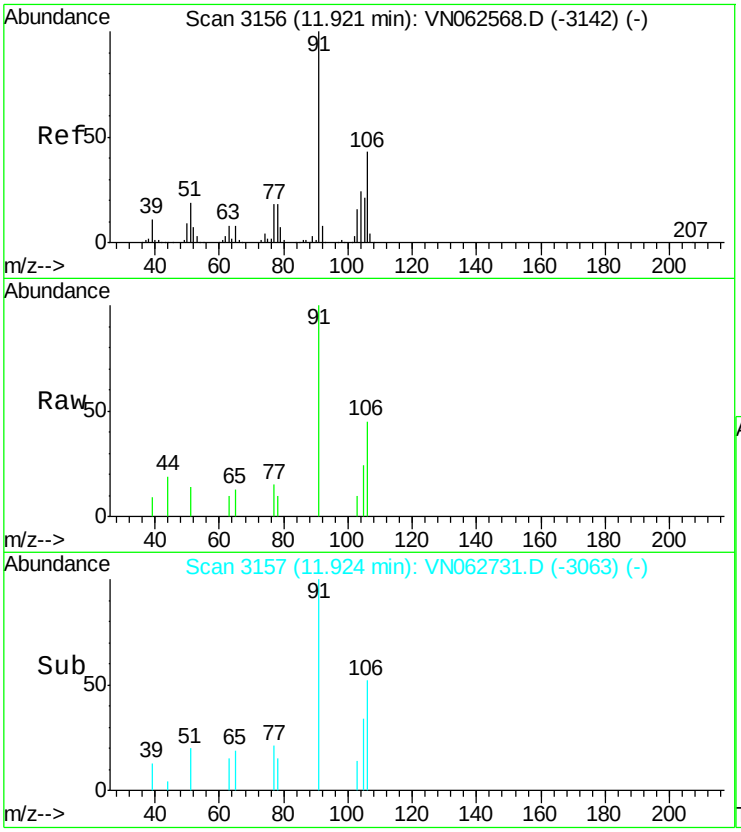




#68
m/p-Xylenes
Concen: 1.047 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.01 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

Tgt Ion:106 Resp: 3195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 227.3 | 171.4 | 257.2 |



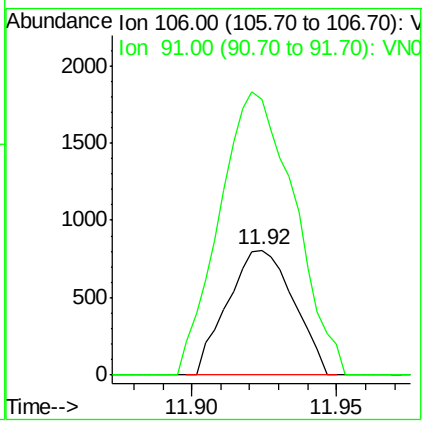


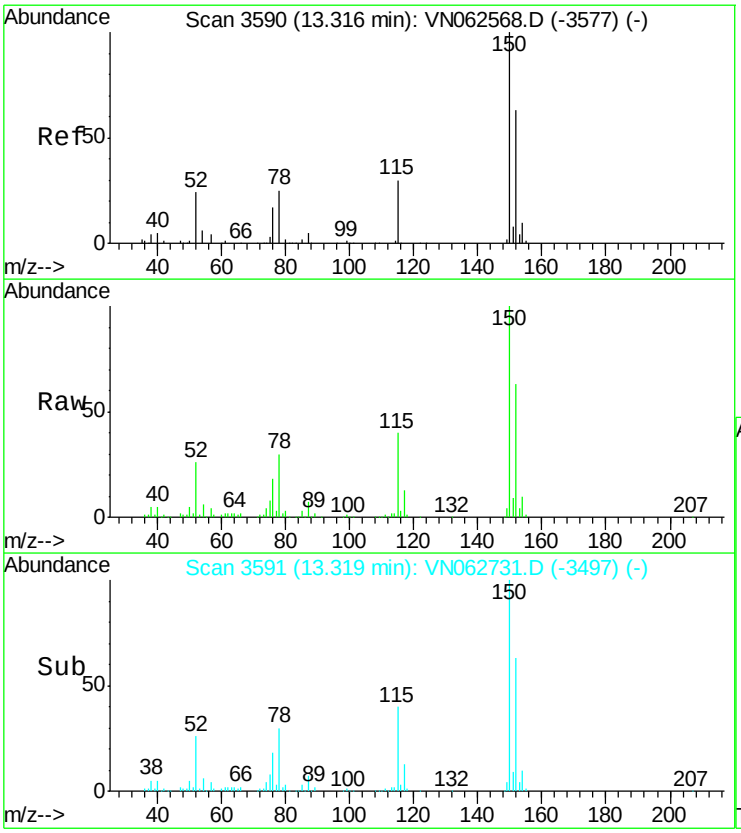

#69
o-Xylene
Concen: 0.441 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

**Instrument :**
MSVOA_N
**ClientSampleId :**
I-LDC-5

Tgt Ion:106 Resp: 1278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 257.0 | 113.8 | 341.2 |

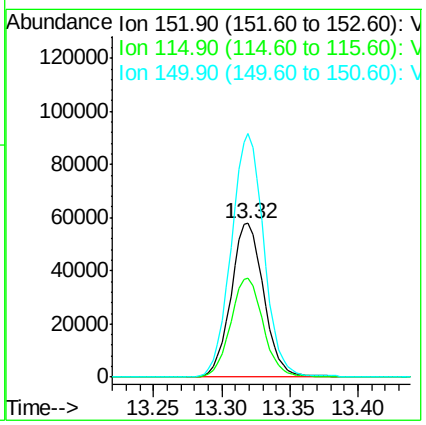


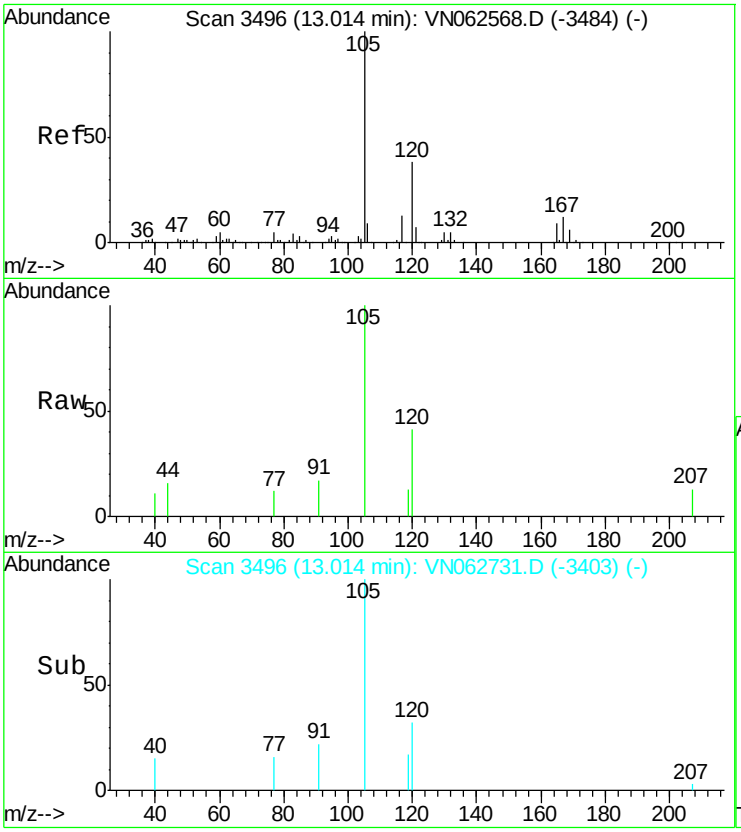




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

Tgt Ion:152 Resp: 96864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 64.0 | 31.8 | 95.4 |
| 150 | 157.3 | 0.0 | 351.4 |



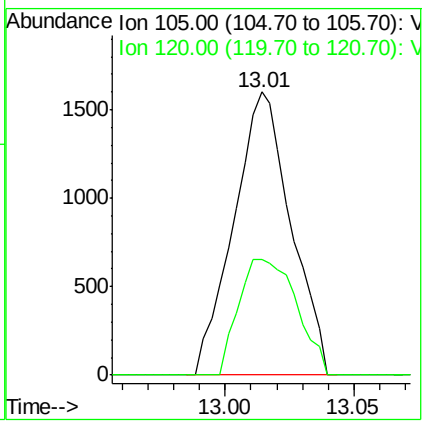


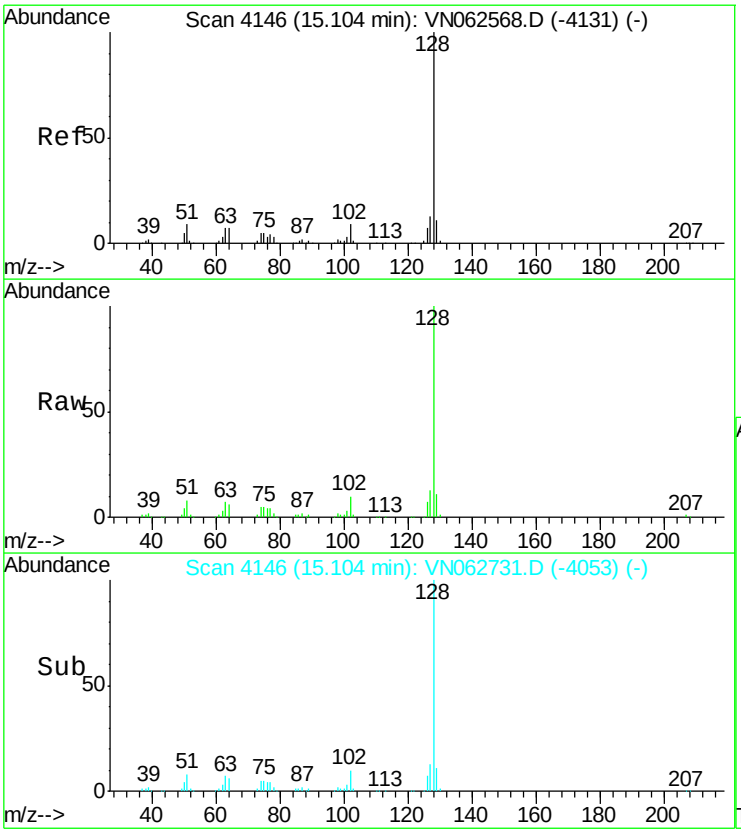

#84
1,2,4-Trimethylbenzene
Concen: 0.397 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

**Instrument :**
MSVOA_N
**ClientSampleId :**
I-LDC-5

Tgt Ion:105 Resp: 2475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 41.4 | 22.1 | 66.3 |




#95
Naphthalene
Concen: 59.328 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062731.D
Acq: 3 Aug 2020 13:25

Tgt Ion:128 Resp: 258831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.4 | 15.6 |
| 129 | 10.1 | 8.7 | 13.1 |