Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
Data File : VX007807.D
Acq On : 04 Mar 2019 13:42
Operator : JC/SP
Sample : K1341-07
Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** HR-06-022719-A

Quant Time: Mar 04 15:53:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 272588 | 50.00 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 422909 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 411214 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 229006 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 150734 | 44.64 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.28% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 131071 | 46.36 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.72% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 518633 | 47.92 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.84% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 210035 | 52.87 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.74% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 67) Ethyl Benzene | 10.25 | 91 | 15860 | 1.076 | ug/l | 99 |
| 68) m/p-Xylenes | 10.35 | 106 | 42396 | 7.397 | ug/l | 97 |
| 69) o-Xylene | 10.69 | 106 | 35303 | 6.403 | ug/l | 95 |
| 73) Isopropylbenzene | 11.02 | 105 | 40606 | 2.481 | ug/l | 99 |
| 78) n-propylbenzene | 11.36 | 91 | 182688 | 9.878 | ug/l | 97 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 268667 | 19.956 | ug/l | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 1111733 | 80.728 | ug/l | 100 |
| 85) sec-Butylbenzene | 11.94 | 105 | 199021 | 12.287 | ug/l | 83 |
| 86) p-Isopropyltoluene | 12.07 | 119 | 192493 | 13.569 | ug/l | 99 |
| 89) n-Butylbenzene | 12.39 | 91 | 402123 | 31.785 | ug/l # | 62 |
| 95) Naphthalene | 13.83 | 128 | 487799 | 32.373 | ug/l # | 94 |

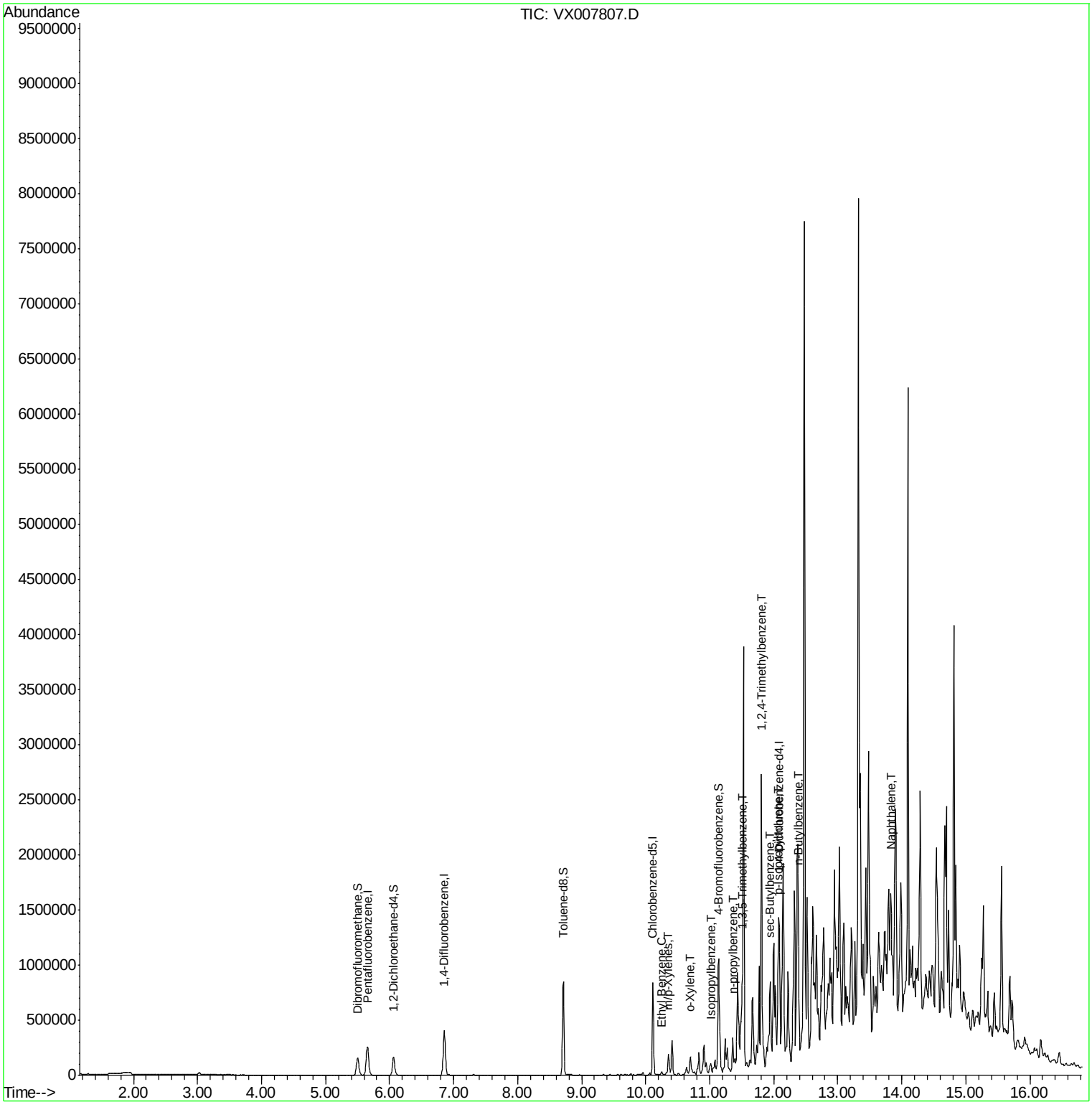
(#) = qualifier out of range (m) = manual integration (+) = signals summed

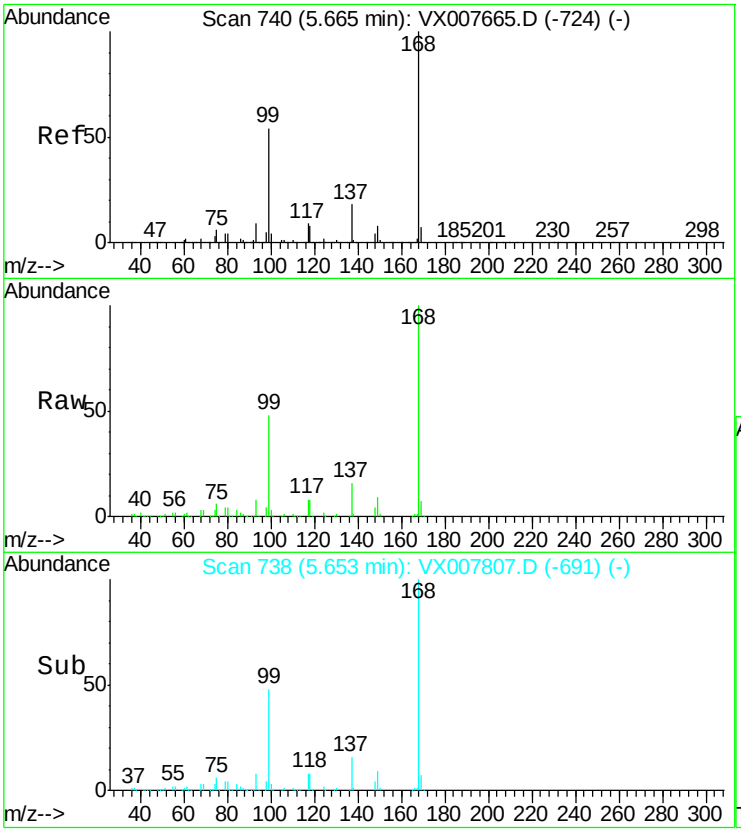
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
Data File : VX007807.D
Acq On : 04 Mar 2019 13:42
Operator : JC/SP
Sample : K1341-07
Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
HR-06-022719-A

Quant Time: Mar 04 15:53:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration



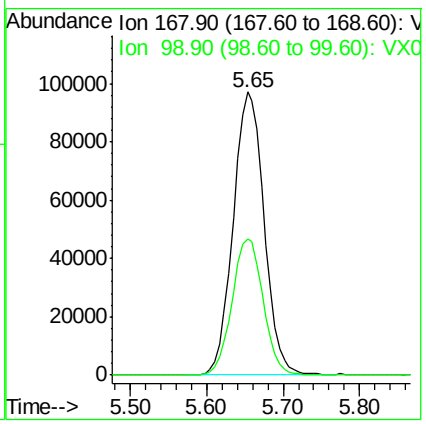


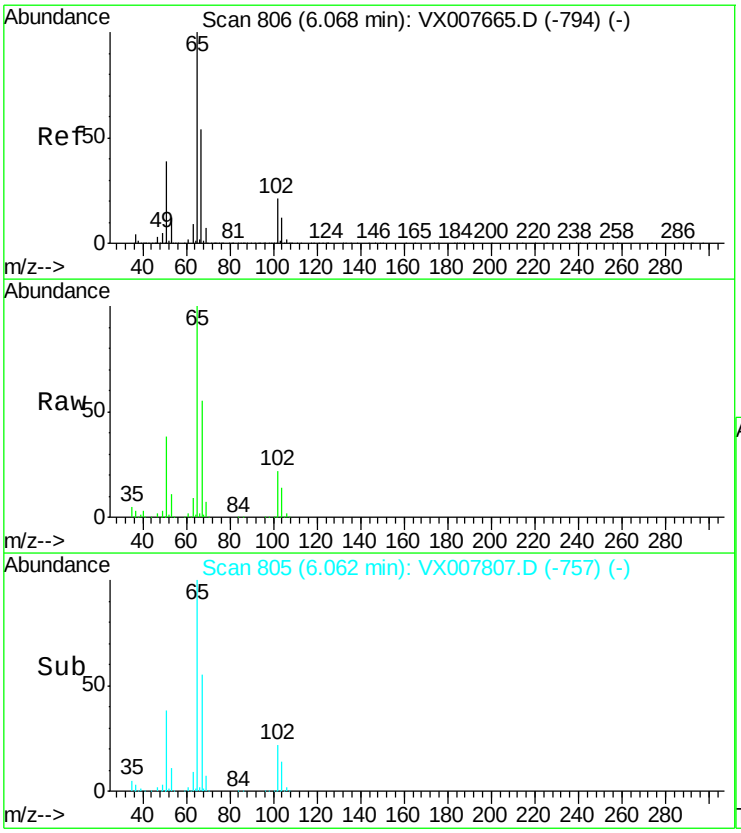

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.01 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
HR-06-022719-A

Tgt Ion:168 Resp: 272588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.3 | 37.9 | 56.9 |

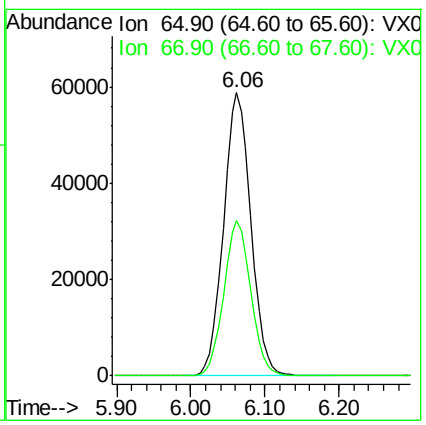


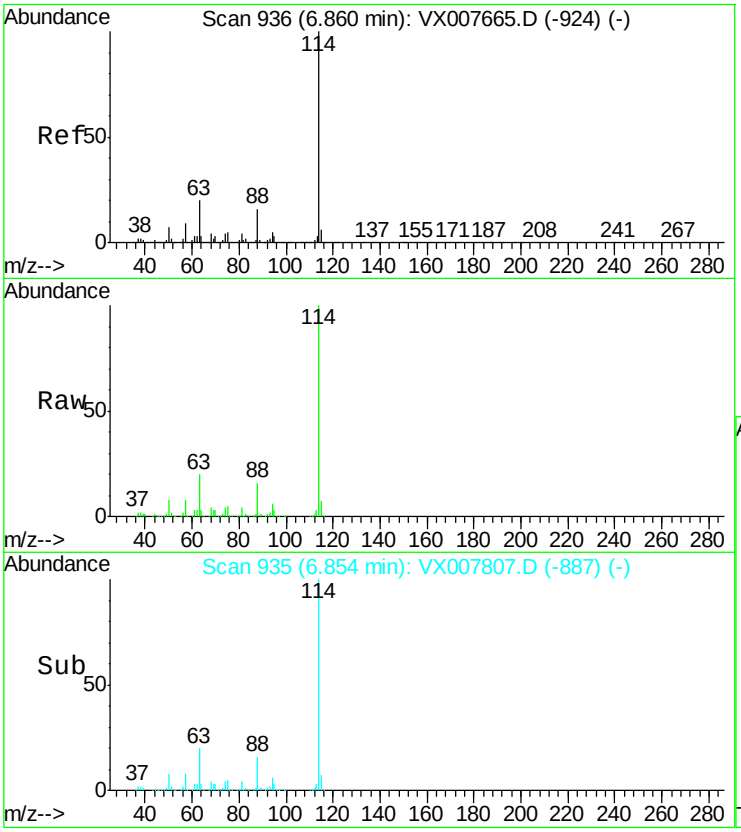




#33
1,2-Dichloroethane-d4
Concen: 44.642 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

Tgt Ion: 65 Resp: 150734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.3 | 0.0 | 108.8 |



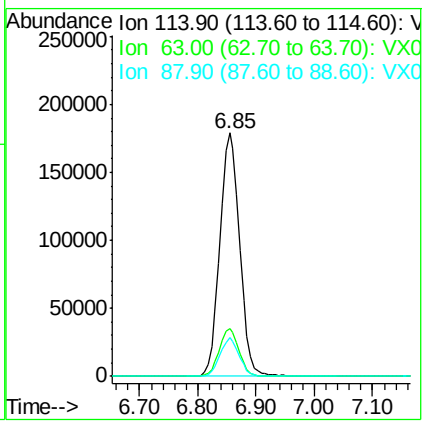


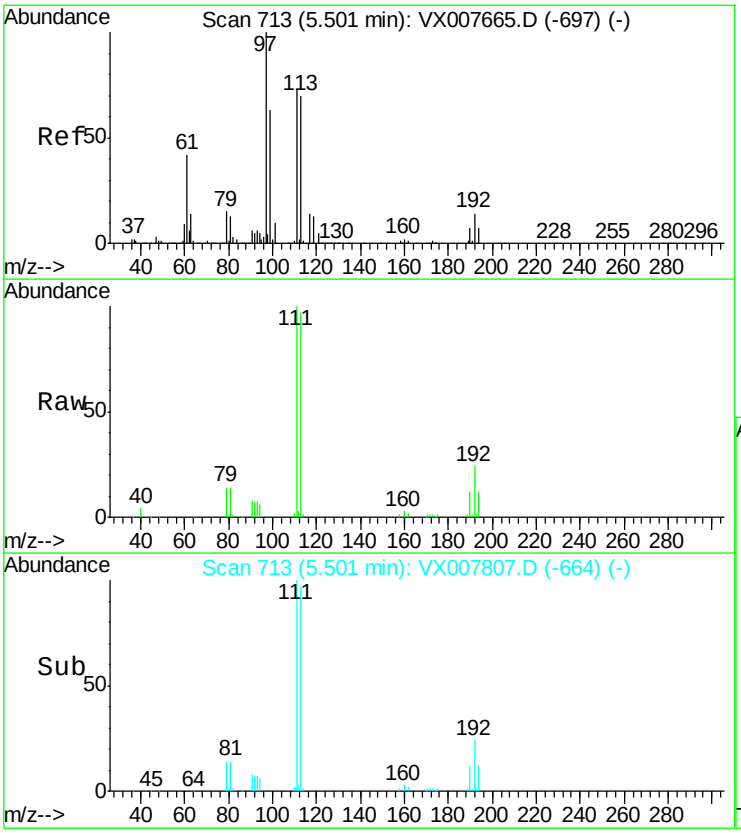

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
HR-06-022719-A

Tgt Ion:114 Resp: 422909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 35.6 |
| 88 | 15.9 | 0.0 | 29.6 |

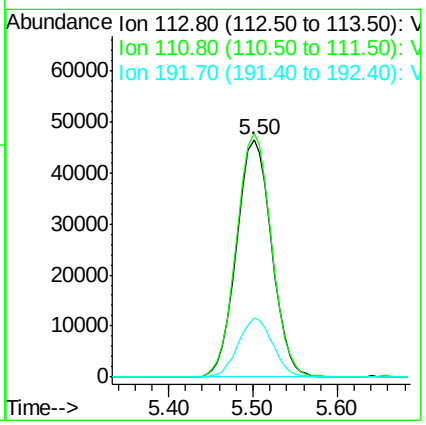


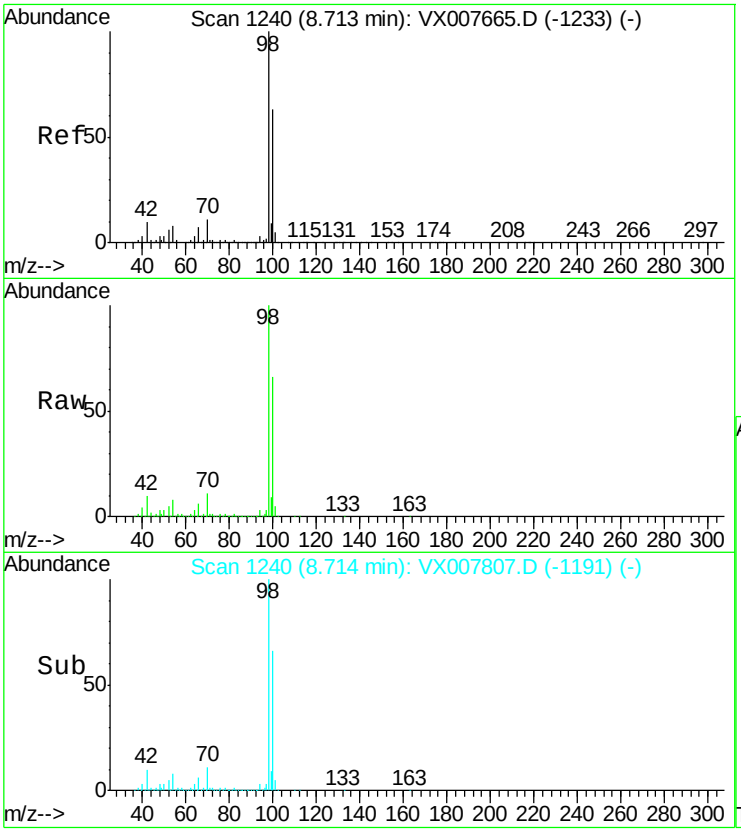




#35
Dibromofluoromethane
Concen: 46.364 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

Tgt Ion:113 Resp: 131071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.5 | 81.8 | 122.8 |
| 192 | 24.6 | 18.5 | 27.7 |



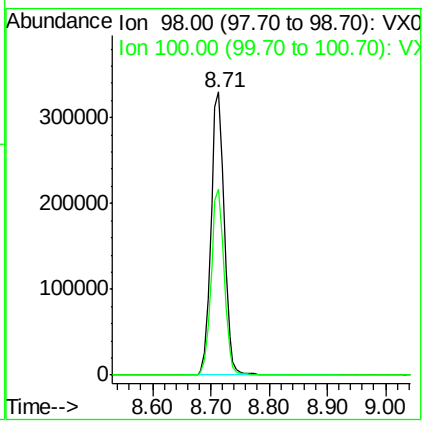


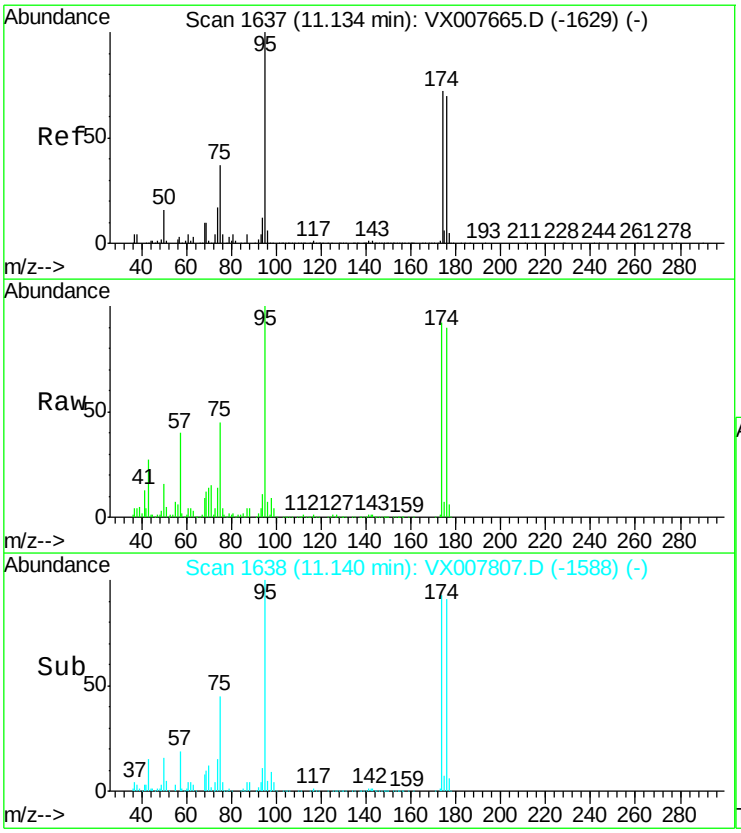

#50
Toluene-d8
Concen: 47.920 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
HR-06-022719-A

Tgt Ion: 98 Resp: 518633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.7 | 51.6 | 77.4 |

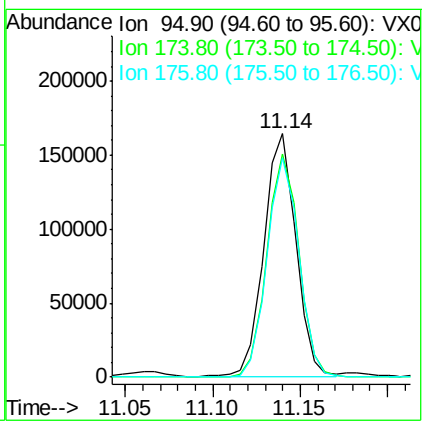


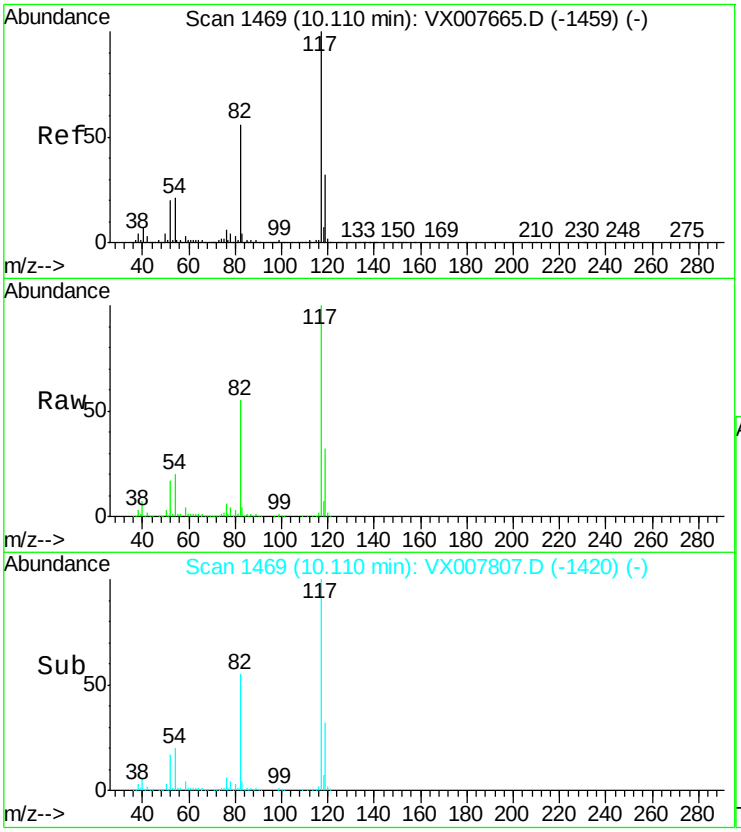




#62
4-Bromofluorobenzene
Concen: 52.874 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

Tgt Ion: 95 Resp: 210035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.5 | 0.0 | 189.2 |
| 176 | 89.5 | 0.0 | 186.2 |



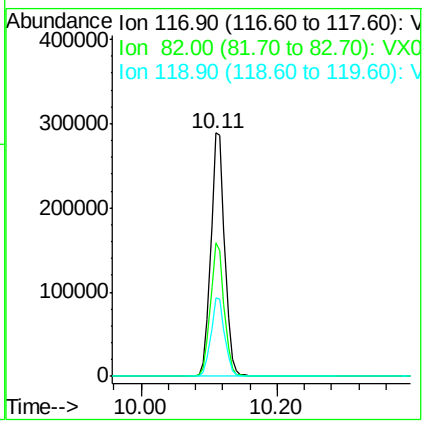


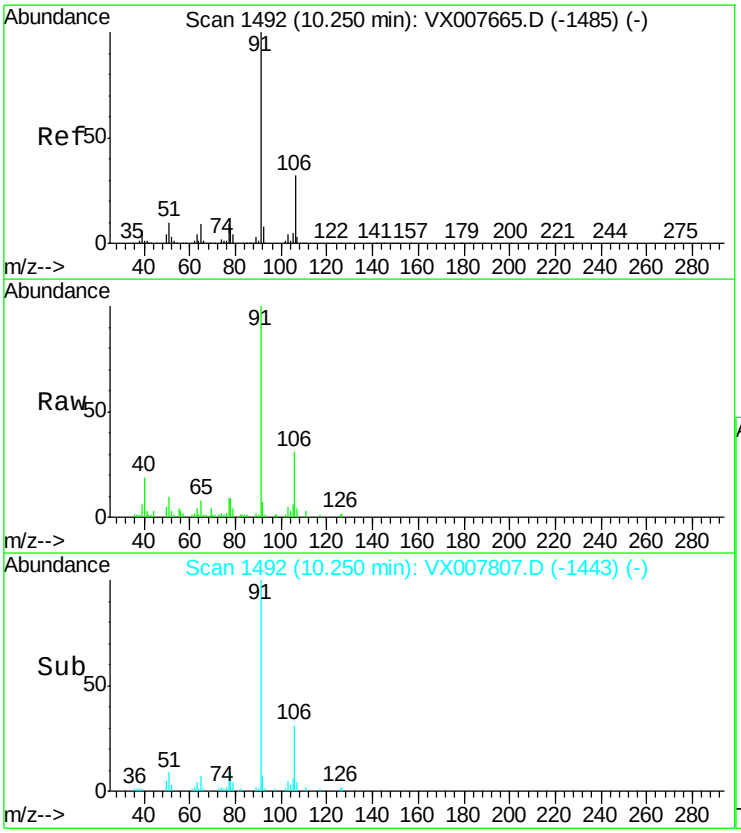

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

**Instrument :** MSVOA_X
**ClientSampleId :** HR-06-022719-A

Tgt Ion:117 Resp: 411214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.9 | 42.1 | 63.1 |
| 119 | 32.1 | 26.5 | 39.7 |

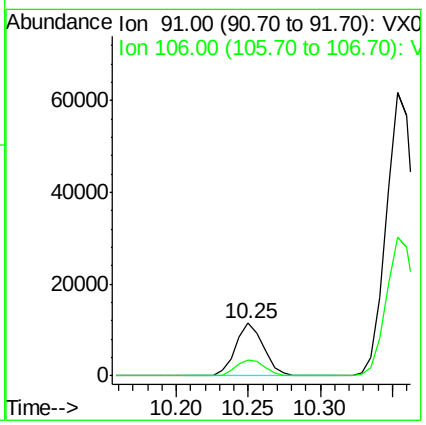


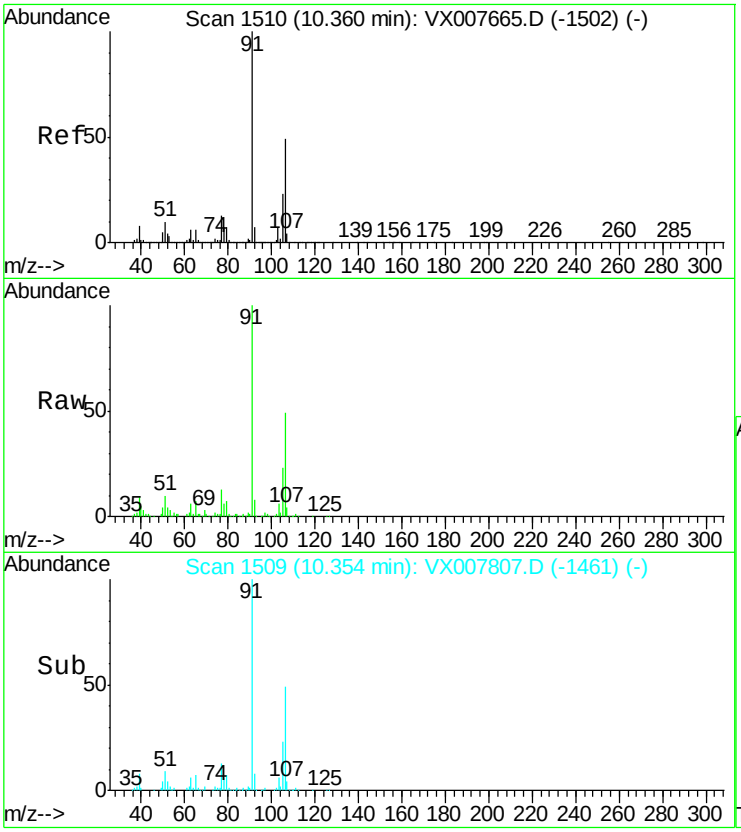




#67
Ethyl Benzene
Concen: 1.076 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

Tgt Ion: 91 Resp: 15860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.9 | 25.4 | 38.0 |



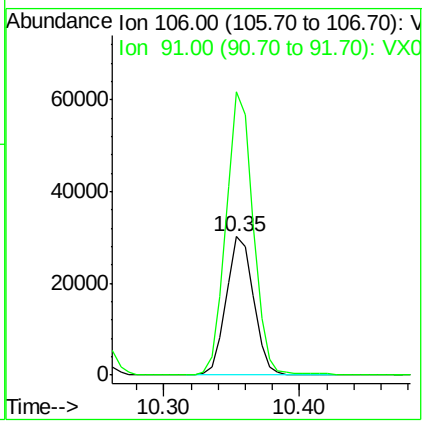


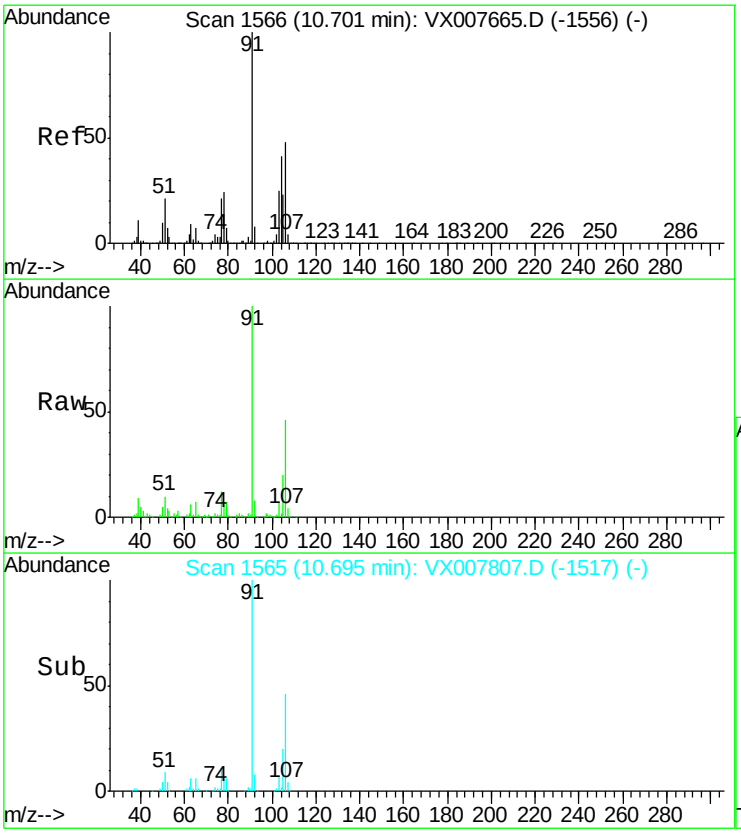

#68
m/p-Xylenes
Concen: 7.397 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

**Instrument :** MSVOA_X
**ClientSampleId :** HR-06-022719-A

Tgt Ion:106 Resp: 42396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 200.5 | 156.6 | 234.8 |

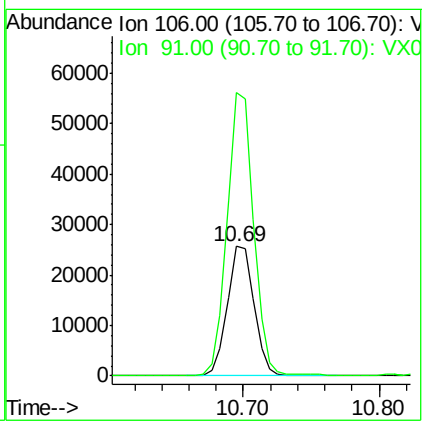


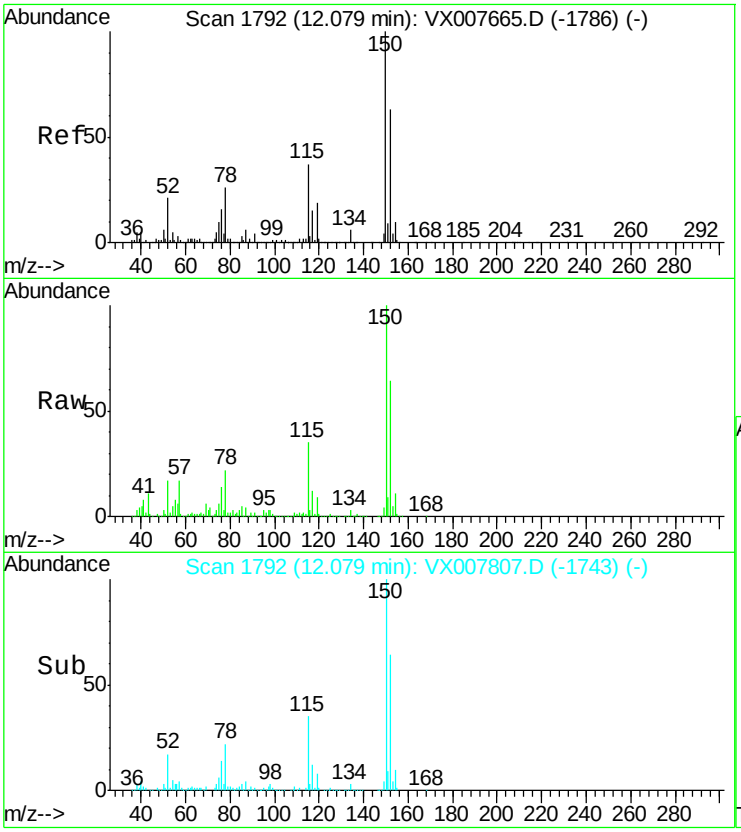




#69
o-Xylene
Concen: 6.403 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

Tgt Ion:106 Resp: 35303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.7 | 102.9 | 308.7 |



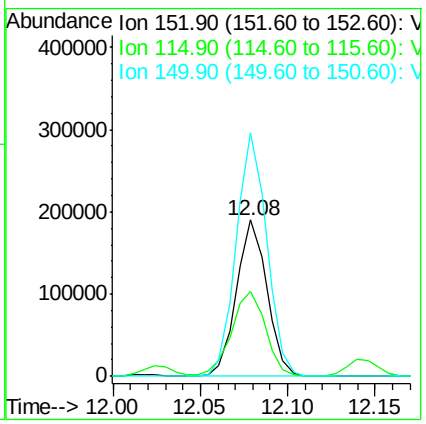


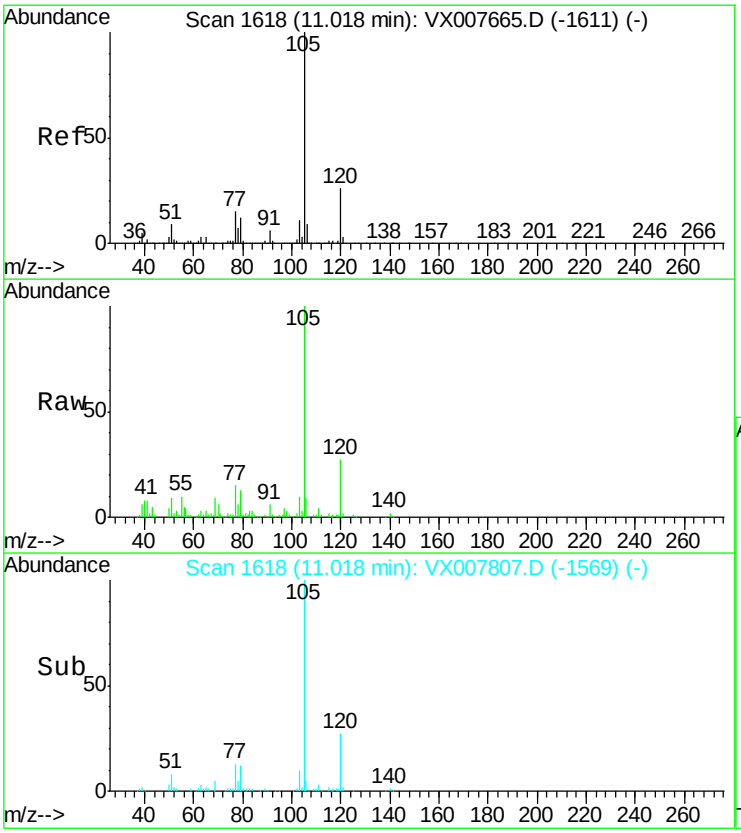

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
HR-06-022719-A

Tgt Ion:152 Resp: 229006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.9 | 38.0 | 114.0 |
| 150 | 157.2 | 0.0 | 346.4 |

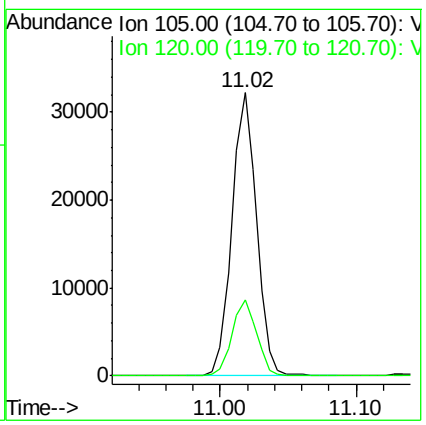


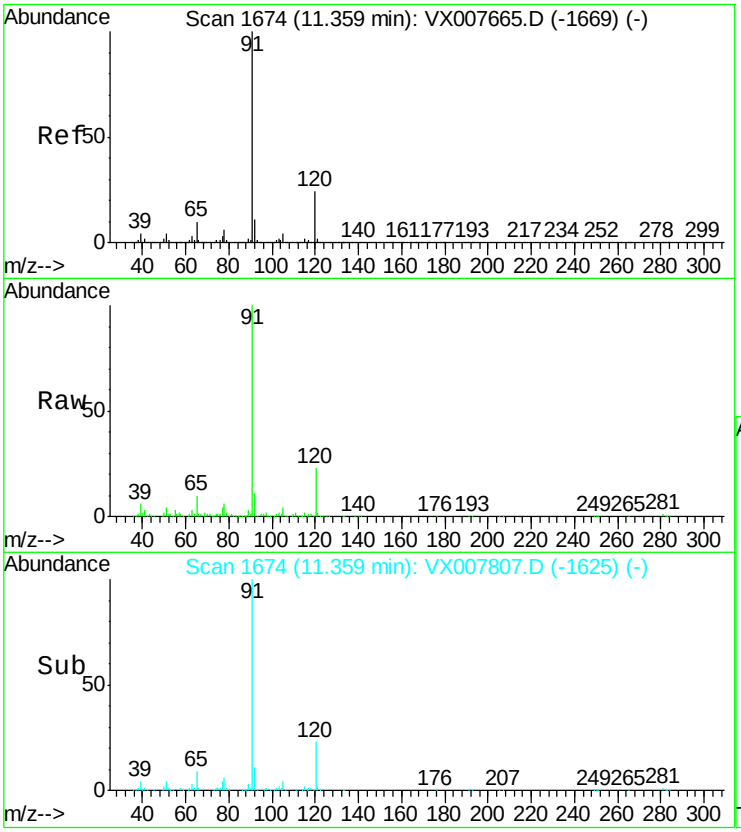




#73
Isopropylbenzene
Concen: 2.481 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

Tgt Ion:105 Resp: 40606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.7 | 13.6 | 40.7 |



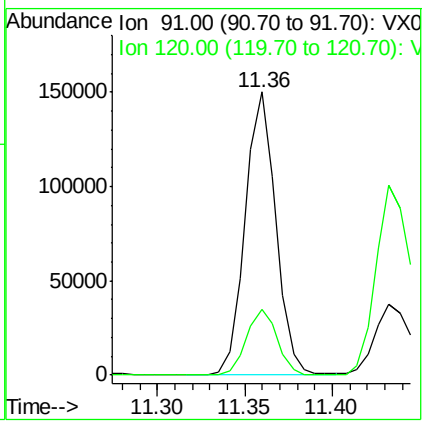


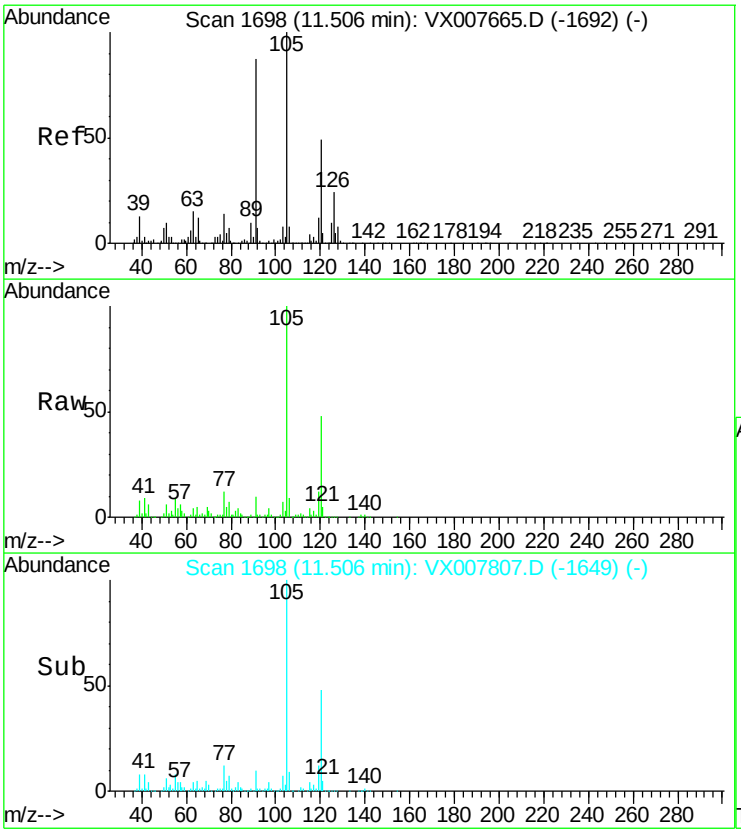

#78
n-propylbenzene
Concen: 9.878 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

**Instrument :** MSVOA_X
**ClientSampleId :** HR-06-022719-A

Tgt Ion: 91 Resp: 182688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.3 | 12.4 | 37.2 |

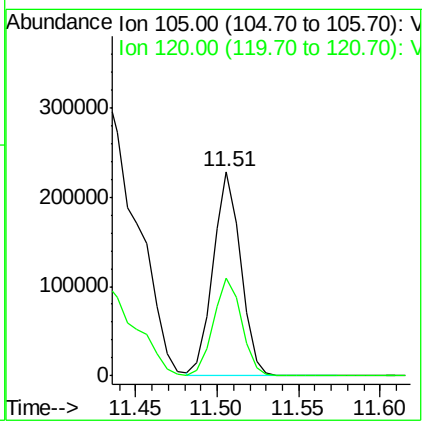


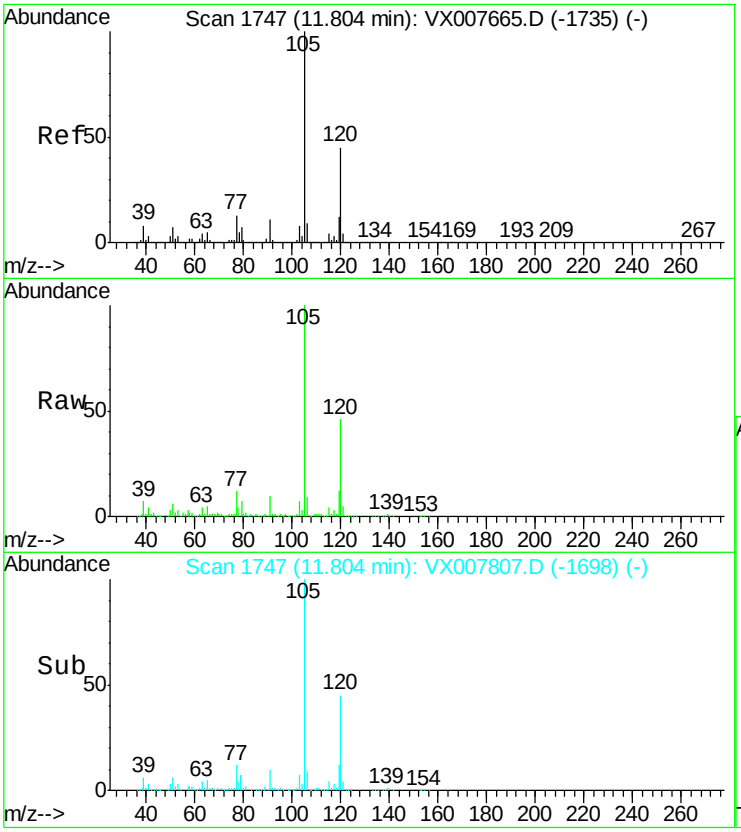




#80
1,3,5-Trimethylbenzene
Concen: 19.956 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

Tgt Ion:105 Resp: 268667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.8 | 25.3 | 75.8 |



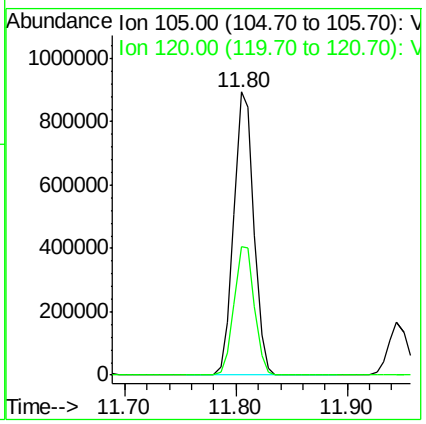


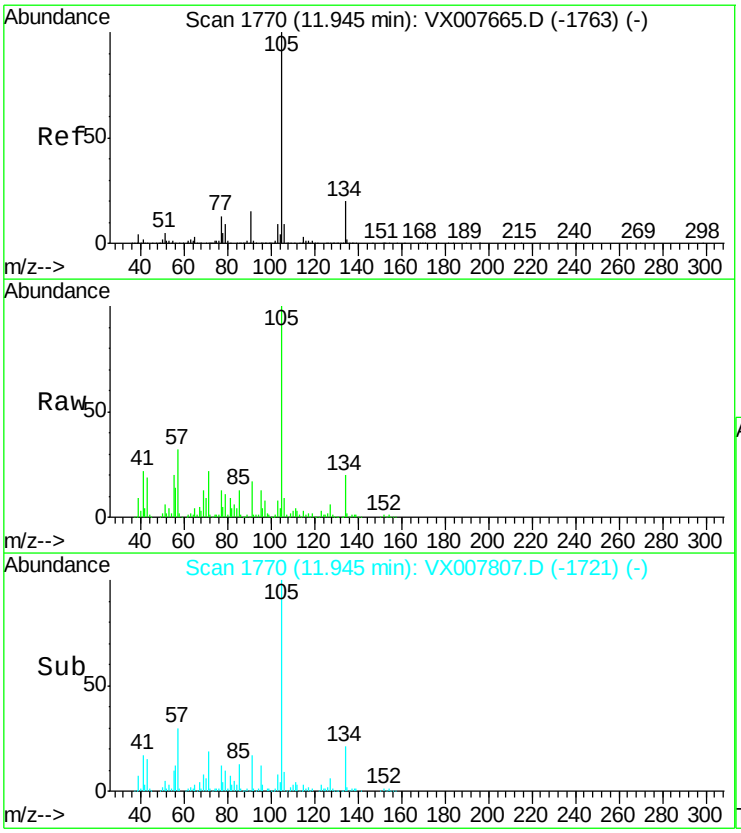

#84
1,2,4-Trimethylbenzene
Concen: 80.728 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
HR-06-022719-A

Tgt Ion:105 Resp: 1111733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.3 | 23.1 | 69.3 |

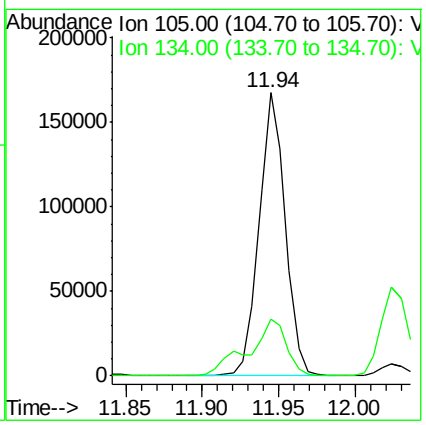


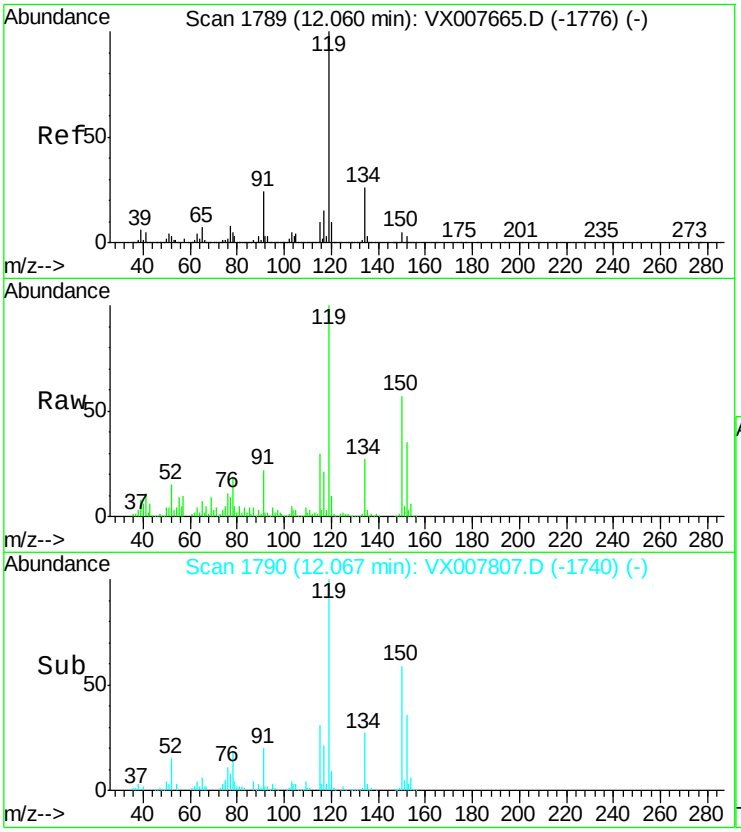




#85
sec-Butylbenzene
Concen: 12.287 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

Tgt Ion:105 Resp: 199021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 29.3 | 10.6 | 31.8 |



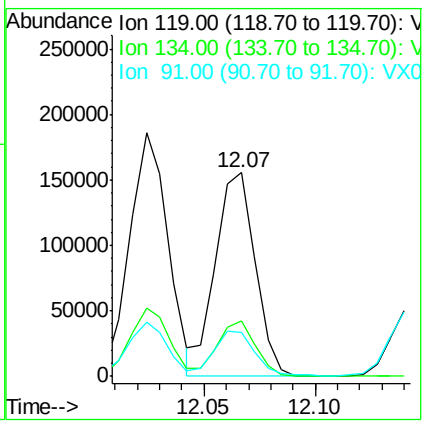


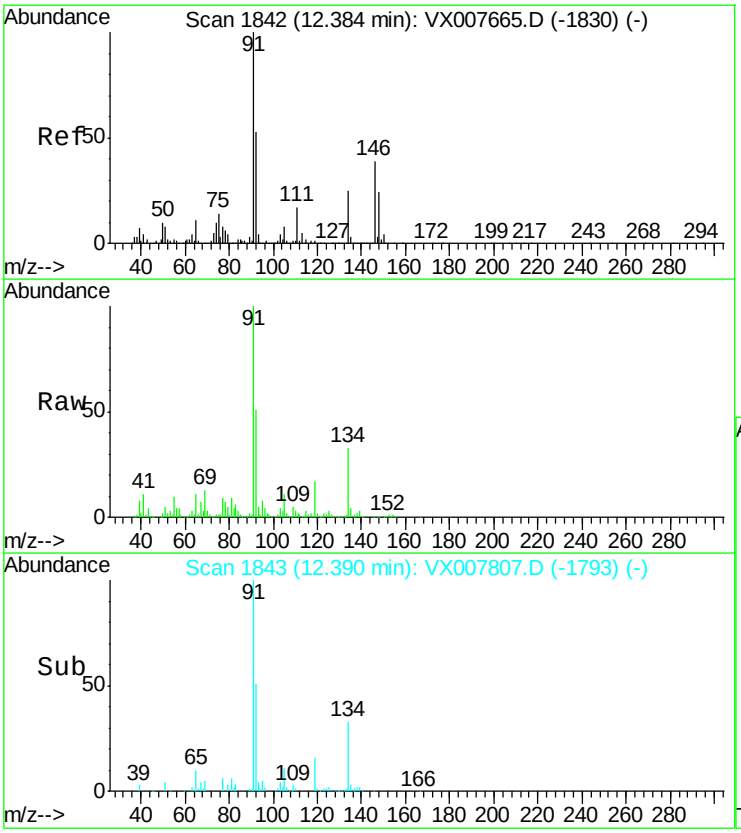

#86
p-Isopropyltoluene
Concen: 13.569 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
HR-06-022719-A

Tgt Ion:119 Resp: 192493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.7 | 13.7 | 41.1 |
| 91 | 21.9 | 11.2 | 33.5 |

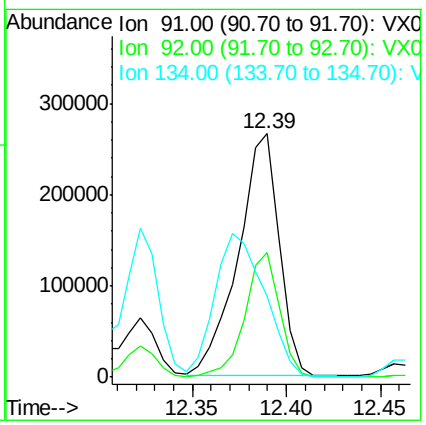


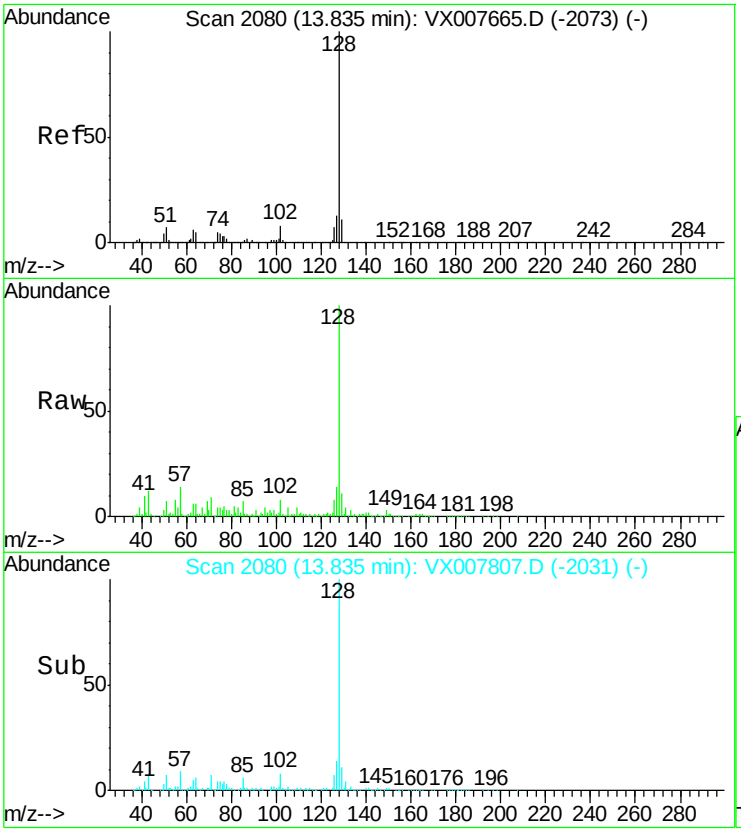




#89
n-Butylbenzene
Concen: 31.785 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

Tgt Ion: 91 Resp: 402123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 43.3 | 26.3 | 78.9 |
| 134 | 72.0 | 13.9 | 41.6# |






#95
Naphthalene
Concen: 32.373 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007807.D
Acq: 04 Mar 2019 13:42

**Instrument :**
MSVOA_X
**ClientSampleId :**
HR-06-022719-A

Tgt Ion:128 Resp: 487799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 14.4 | 10.5 | 15.7 |
| 129 | 14.4 | 8.7 | 13.1# |