Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122019\
Data File : VX014177.D
Acq On : 20 Dec 2019 16:26
Operator : JC/SP
Sample : K6379-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** MH-BNM-1

Quant Time: Dec 21 01:02:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 549667 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 833468 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 733253 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 319880 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 303080 | 48.65 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.30% | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 246733 | 48.70 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.40% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 983201 | 49.84 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.68% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 322642 | 44.75 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.50% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 2.43 | 43 | 241455 | 59.701 | ug/l | 100 |

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

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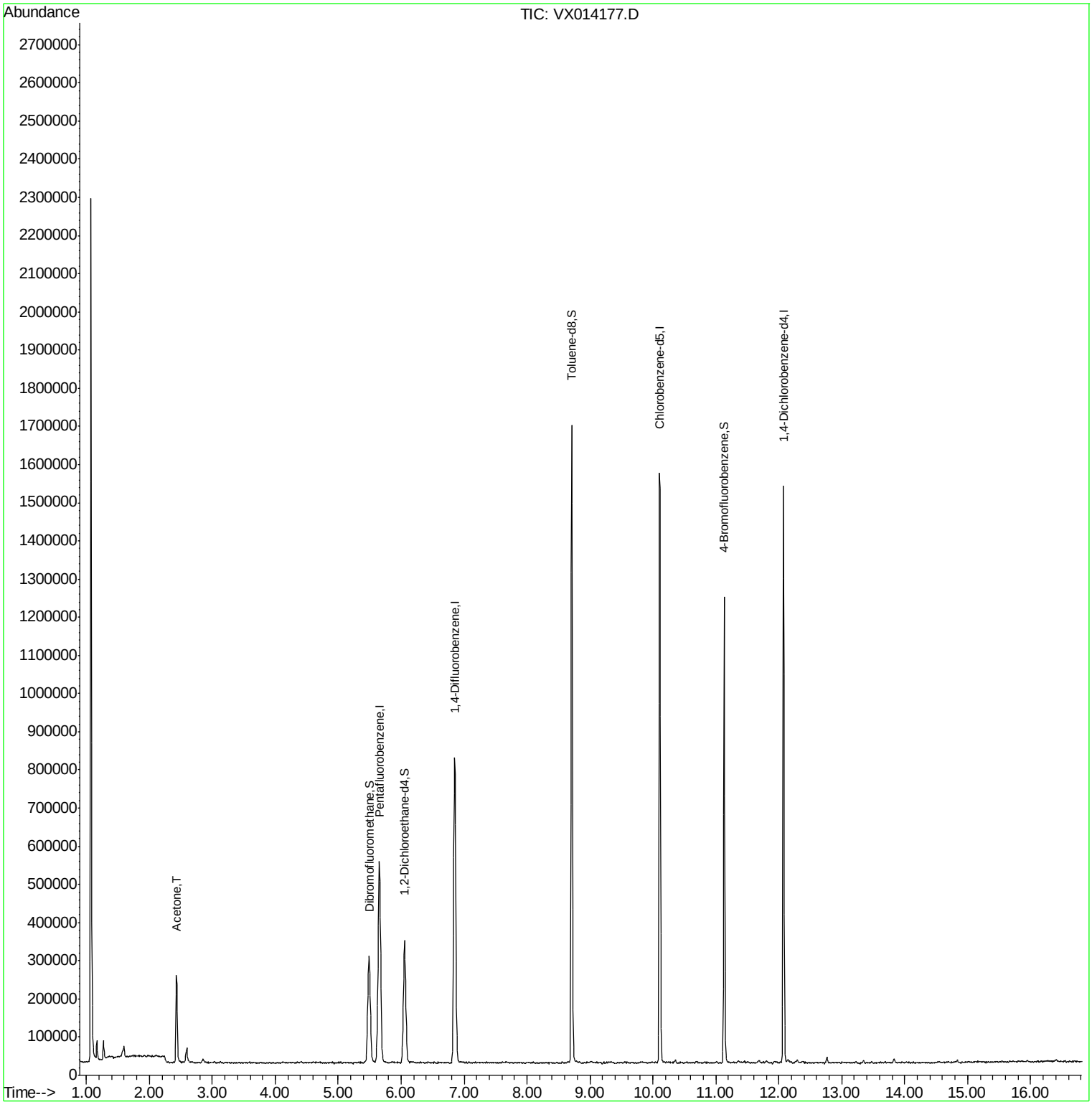
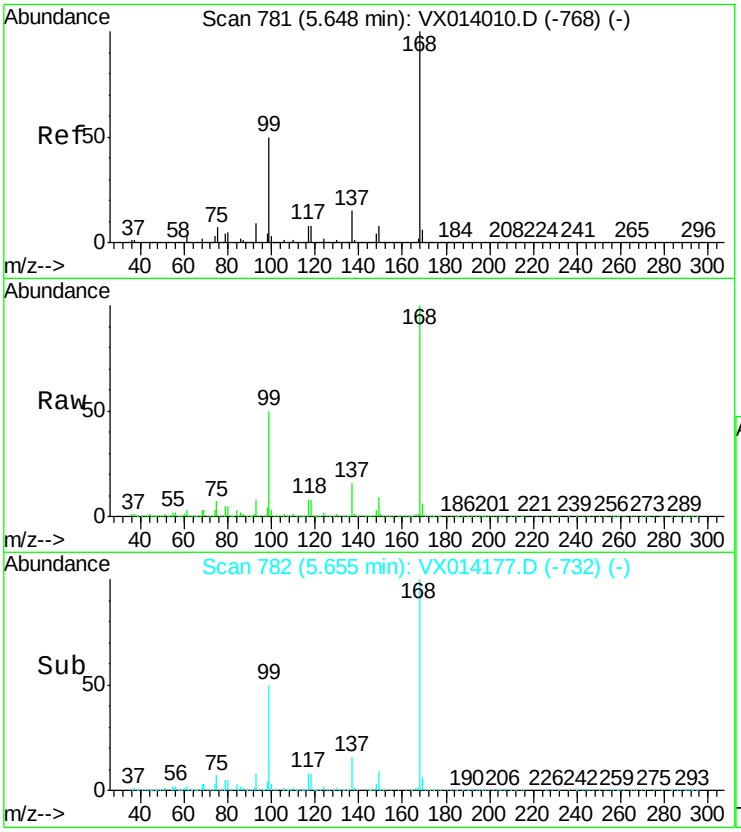


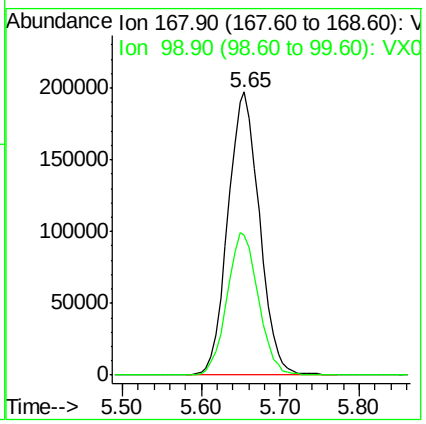


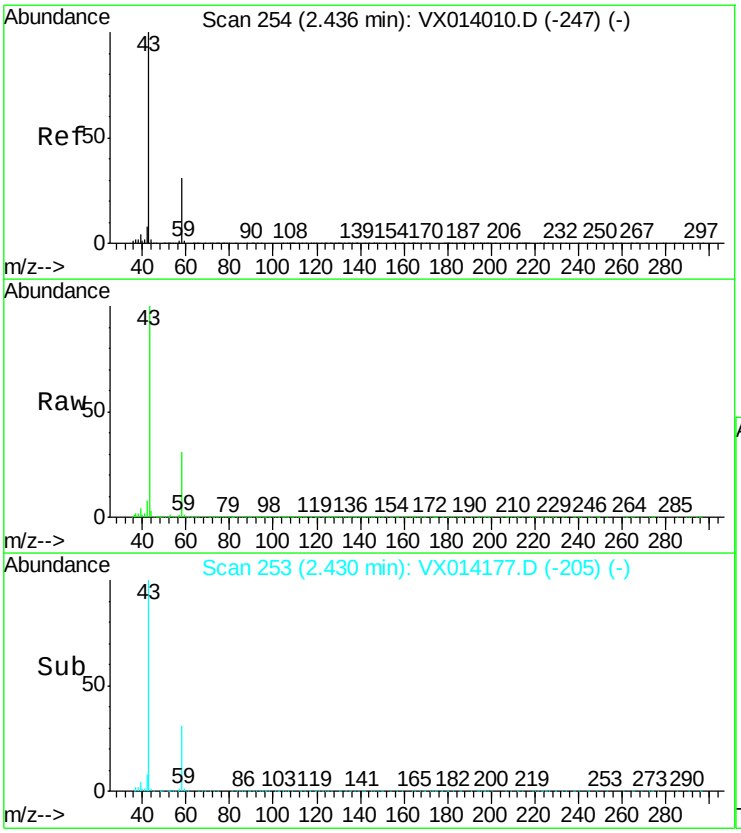

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014177.D
Acq: 20 Dec 2019 16:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-BNM-1

Tgt Ion:168 Resp: 549667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.4 | 40.3 | 60.5 |

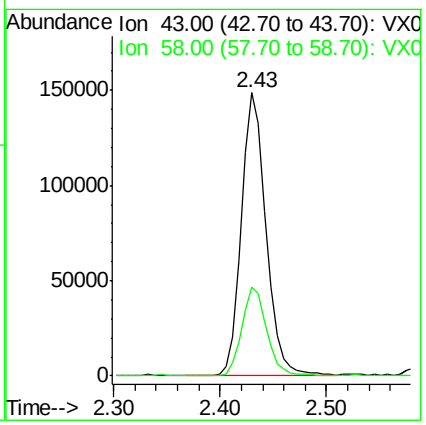


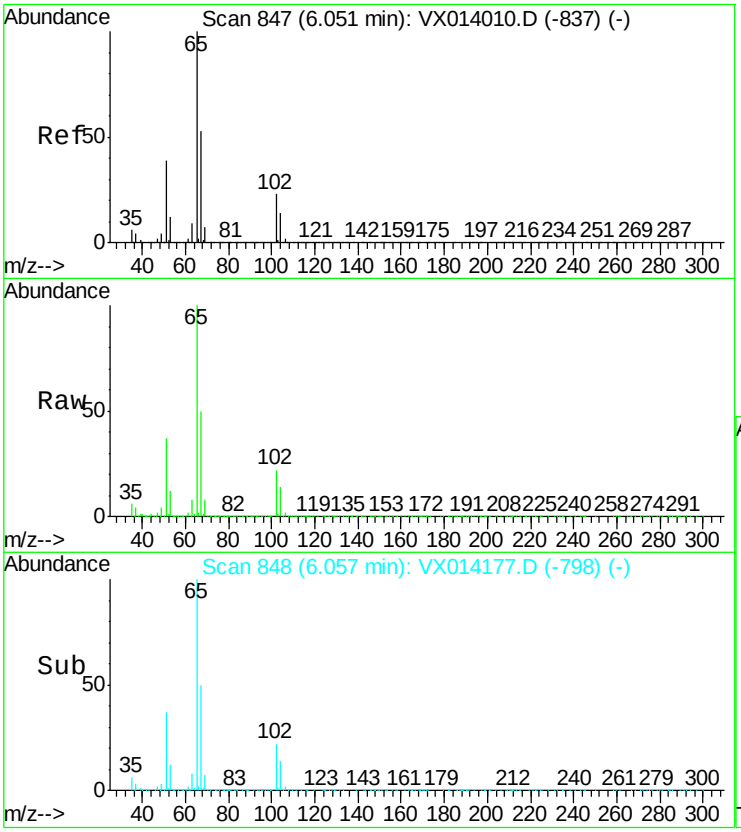




#16
Acetone
Concen: 59.701 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014177.D
Acq: 20 Dec 2019 16:26

Tgt Ion: 43 Resp: 241455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.0 | 24.9 | 37.3 |



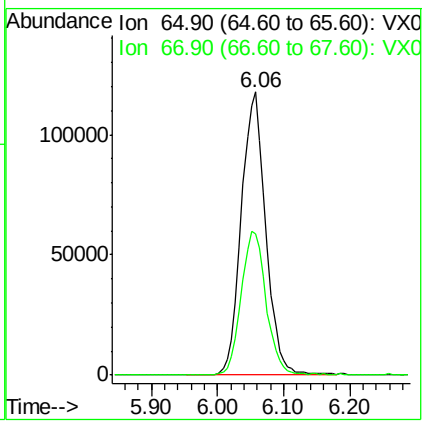


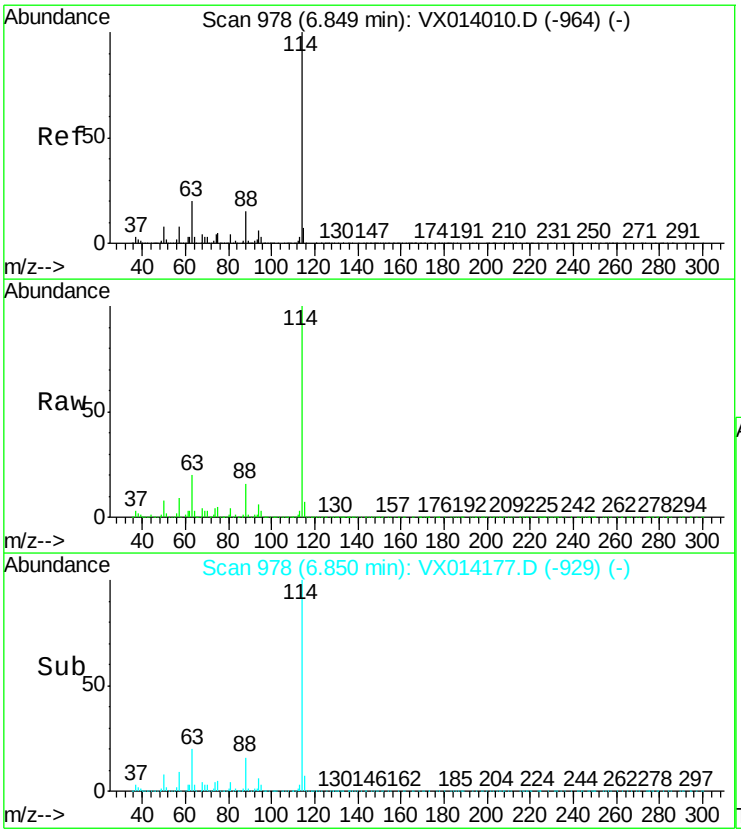

#33
1,2-Dichloroethane-d4
Concen: 48.651 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014177.D
Acq: 20 Dec 2019 16:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-BNM-1

Tgt Ion: 65 Resp: 303080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.7 | 0.0 | 106.4 |

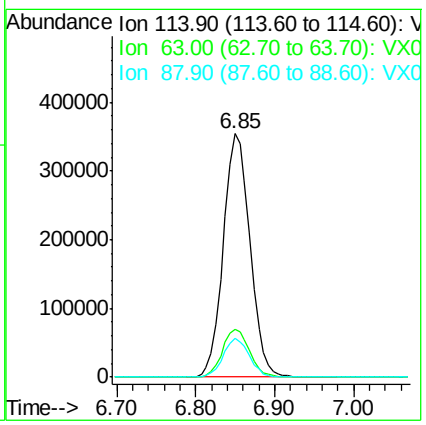


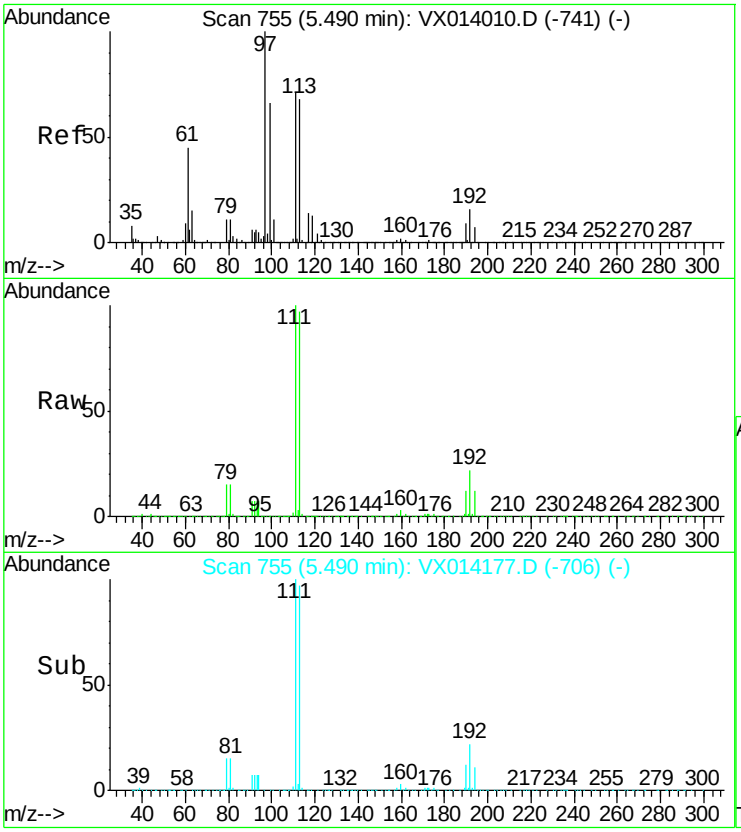




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014177.D
Acq: 20 Dec 2019 16:26

Tgt Ion:114 Resp: 833468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 40.8 |
| 88 | 15.9 | 0.0 | 30.4 |



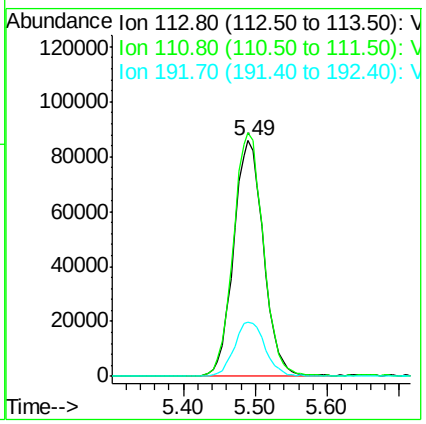


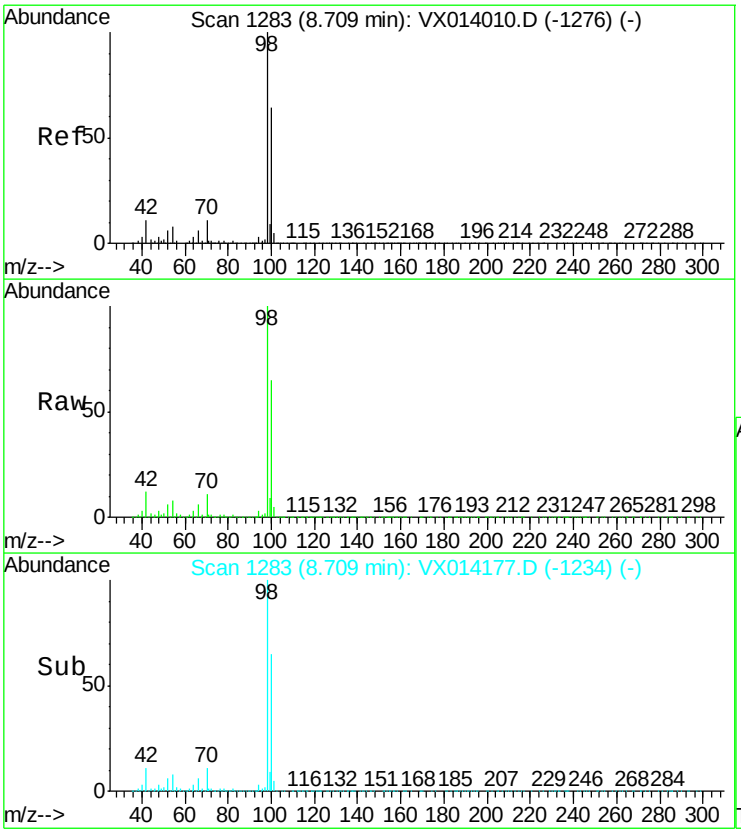

#35
Dibromofluoromethane
Concen: 48.698 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014177.D
Acq: 20 Dec 2019 16:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-BNM-1

Tgt Ion:113 Resp: 246733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.0 | 82.0 | 123.0 |
| 192 | 24.1 | 19.3 | 28.9 |

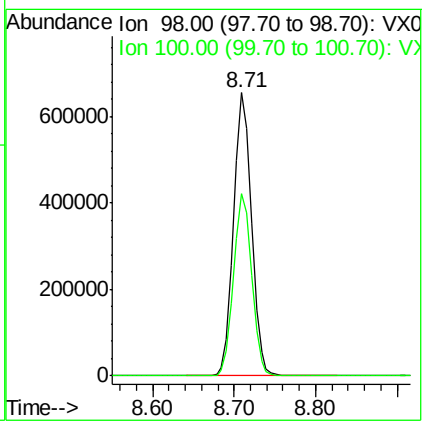


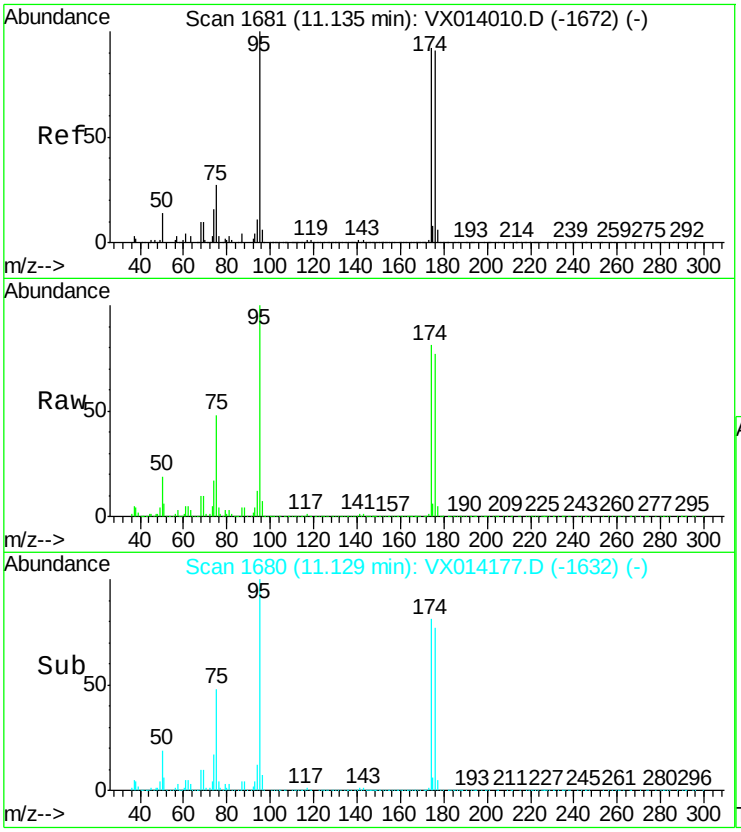




#50
Toluene-d8
Concen: 49.844 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014177.D
Acq: 20 Dec 2019 16:26

Tgt Ion: 98 Resp: 983201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.2 | 52.9 | 79.3 |



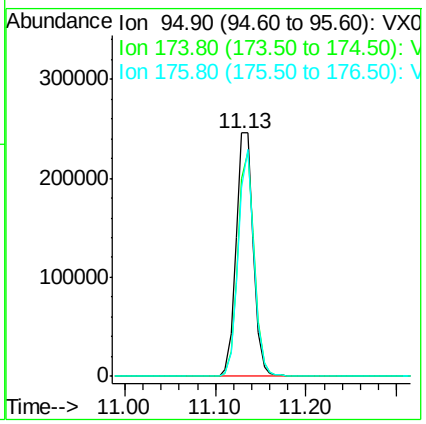


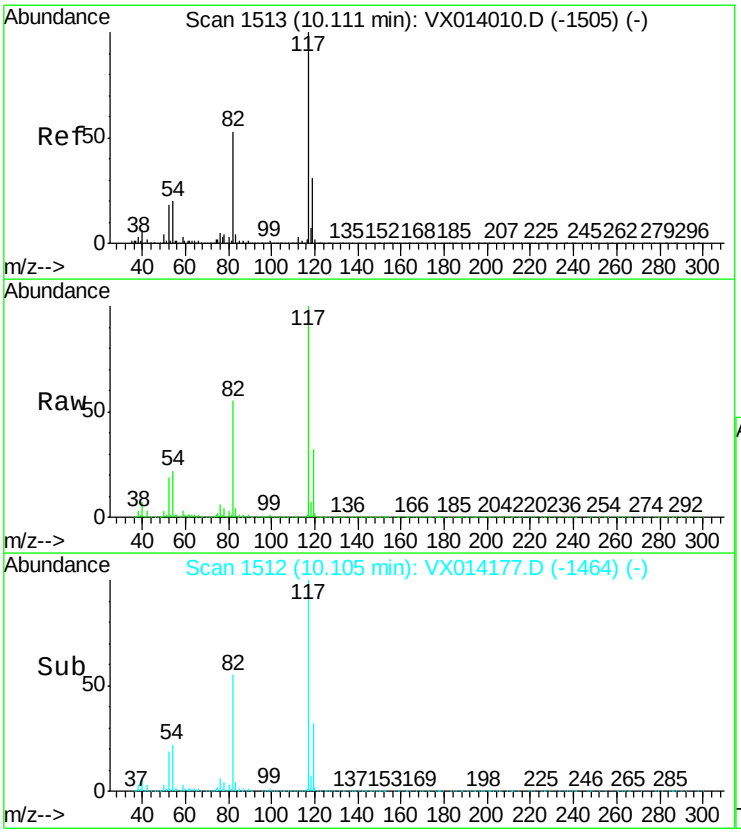

#62
4-Bromofluorobenzene
Concen: 44.746 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014177.D
Acq: 20 Dec 2019 16:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-BNM-1

Tgt Ion: 95 Resp: 322642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 87.8 | 0.0 | 175.8 |
| 176 | 86.4 | 0.0 | 173.0 |

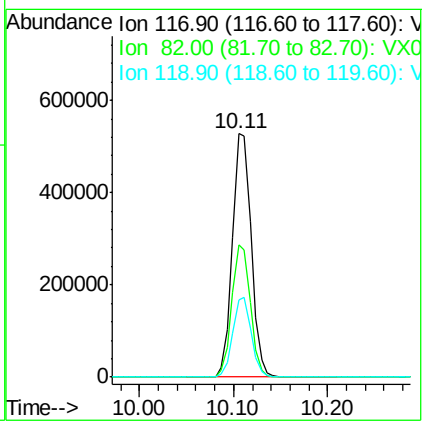


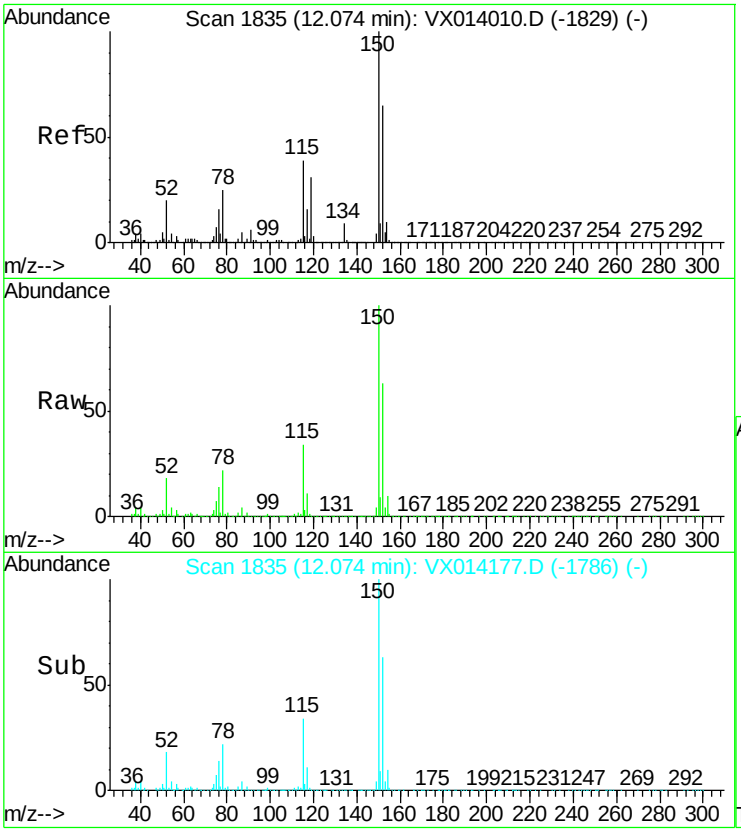




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014177.D
Acq: 20 Dec 2019 16:26

Tgt Ion:117 Resp: 733253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.5 | 42.2 | 63.4 |
| 119 | 31.7 | 25.1 | 37.7 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014177.D
Acq: 20 Dec 2019 16:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
MH-BNM-1

Tgt Ion:152 Resp: 319880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.8 | 38.3 | 114.9 |
| 150 | 157.1 | 0.0 | 345.4 |