Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082419\
Data File : VX011831.D
Acq On : 24 Aug 2019 20:10
Operator : JC/SP
Sample : K4474-32
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** T1-2-K2-(0)

Quant Time: Aug 26 04:47:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 458700 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 617352 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 573388 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152 | 314670 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 199326 | 43.26 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 86.52% | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 183006 | 45.84 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.68% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 707160 | 50.79 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.58% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 257390 | 46.77 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.54% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 2.43 | 43 | 12682 | 6.327 | ug/l | 97 |
| 20) Methylene Chloride | 2.85 | 84 | 12633 | 3.083 | ug/l | 95 |
| 43) Isopropyl Acetate | 6.44 | 43 | 65162 | 7.859 | ug/l | 97 |

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

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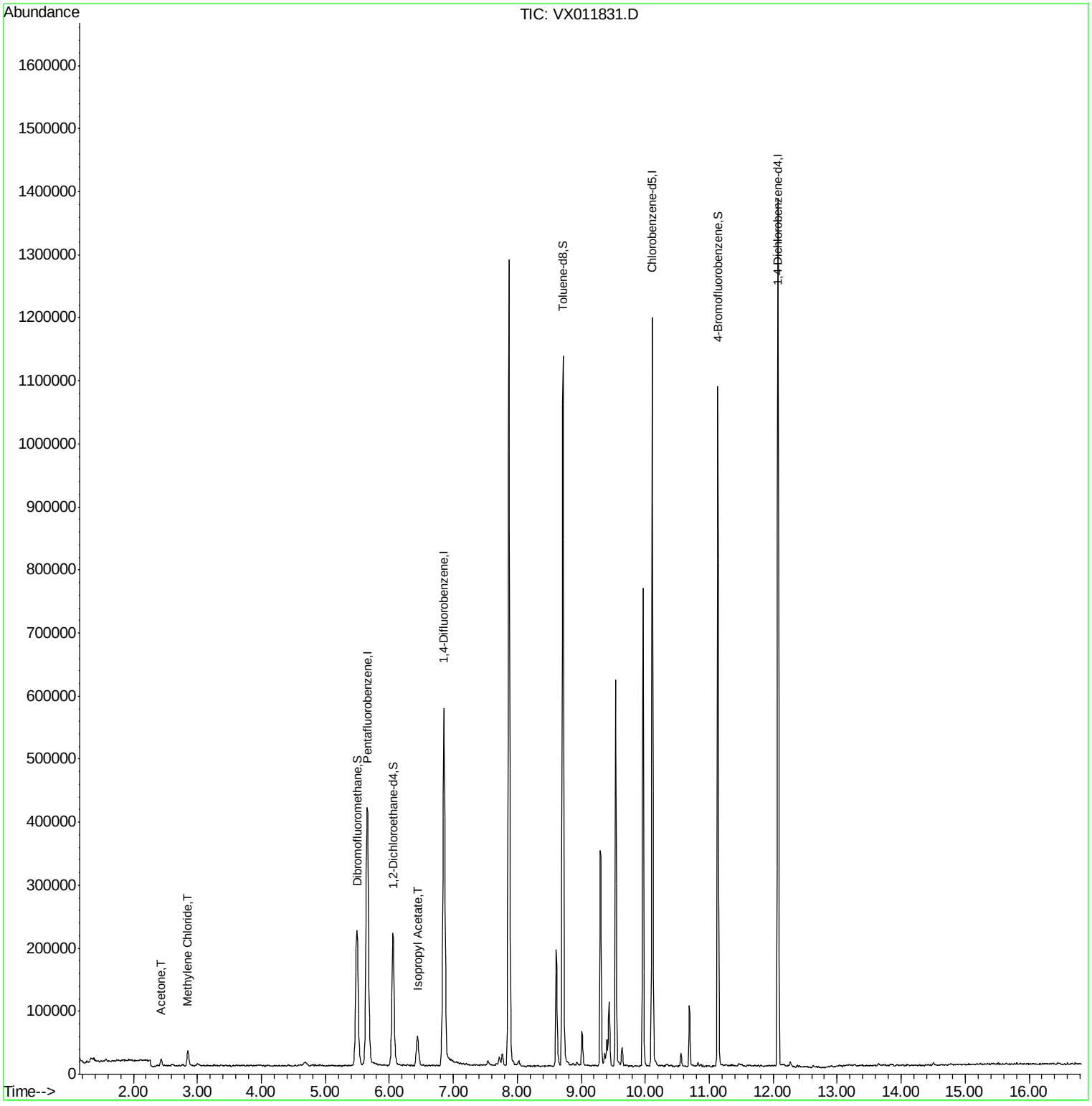
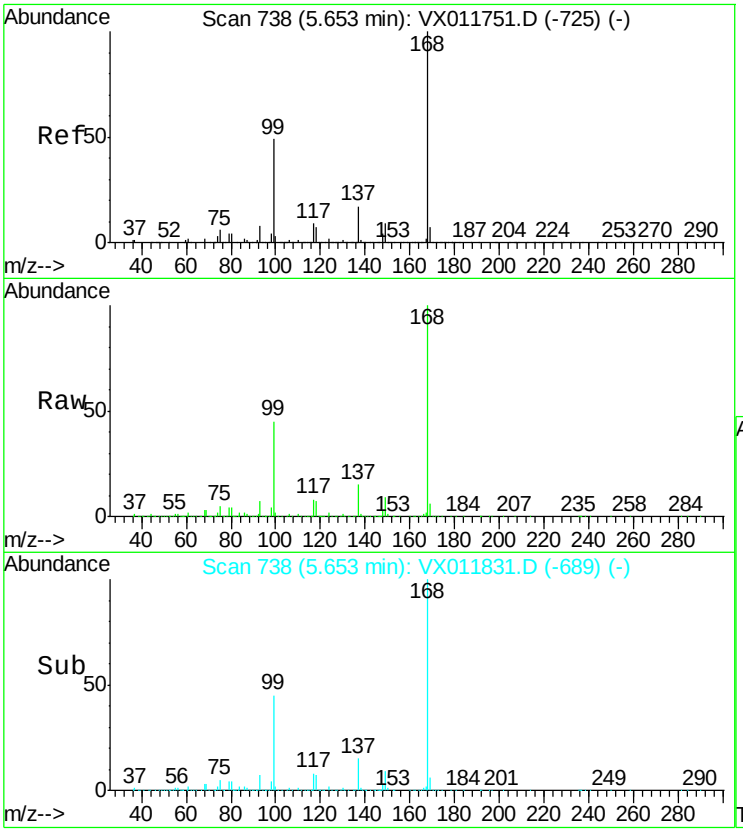


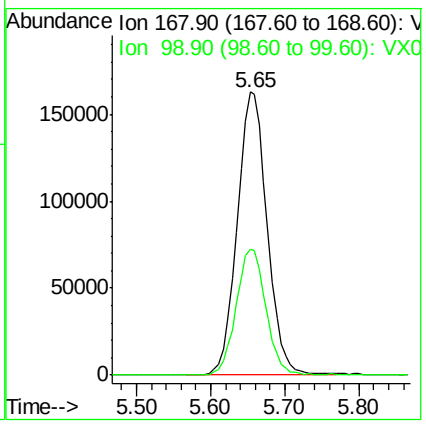


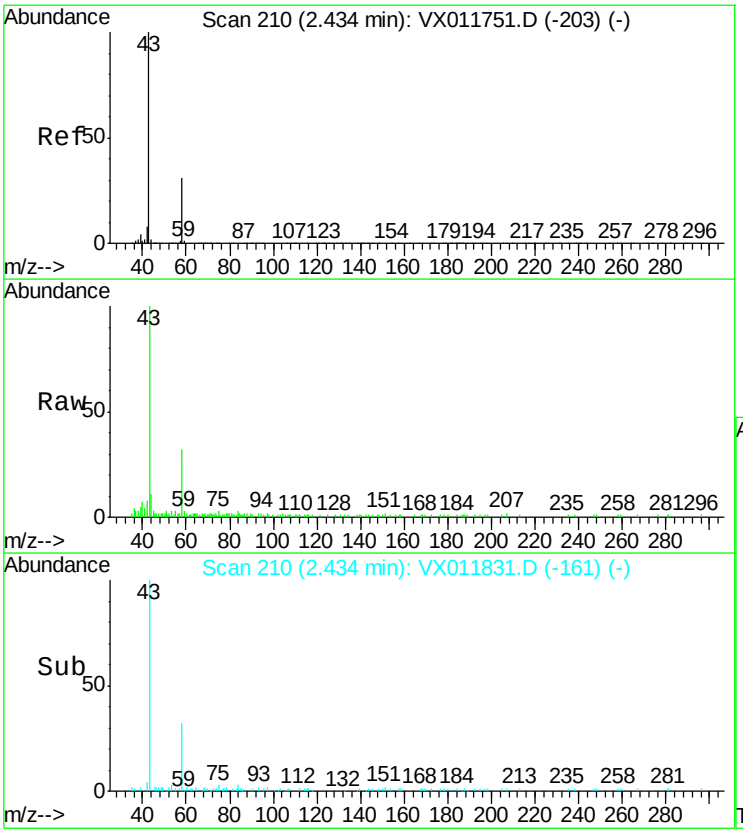

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011831.D
Acq: 24 Aug 2019 20:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
T1-2-K2-(0)

Tgt Ion:168 Resp: 458700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 44.6 | 39.4 | 59.2 |

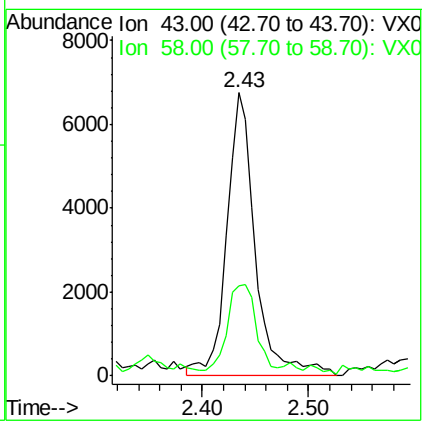


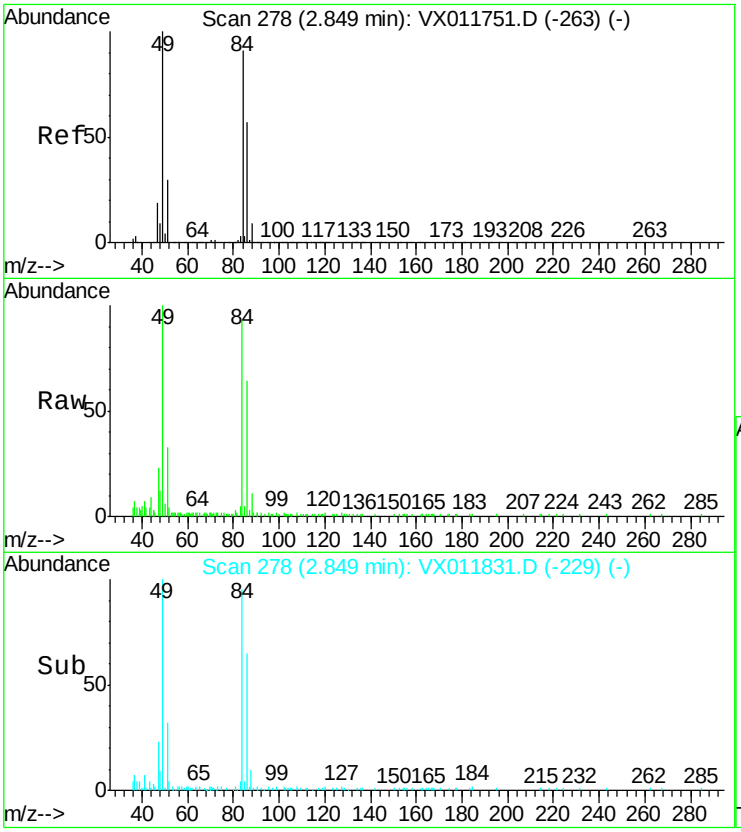




#16
Acetone
Concen: 6.327 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011831.D
Acq: 24 Aug 2019 20:10

Tgt Ion: 43 Resp: 12682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.9 | 24.4 | 36.6 |



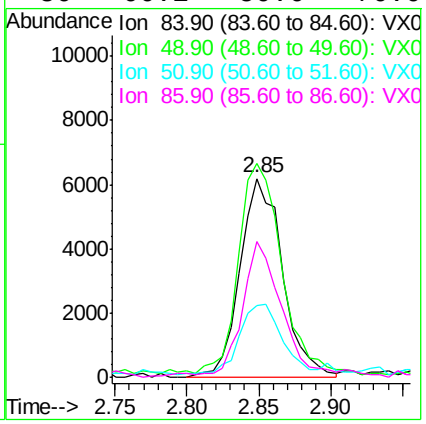


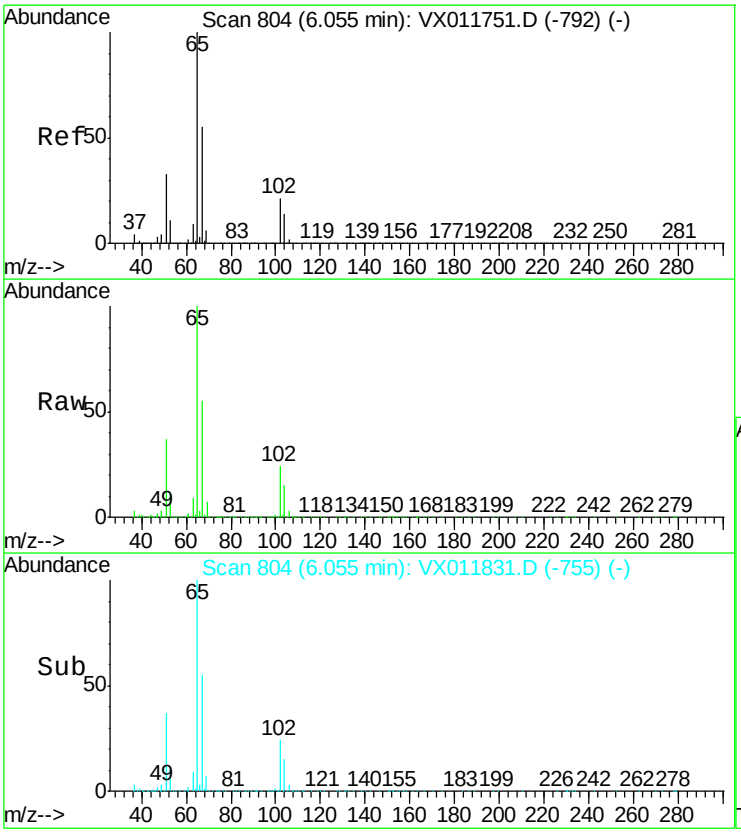

#20
Methylene Chloride
Concen: 3.083 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011831.D
Acq: 24 Aug 2019 20:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
T1-2-K2-(0)

Tgt Ion: 84 Resp: 12633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 104.2 | 88.3 | 132.5 |
| 51 | 34.0 | 26.2 | 39.2 |
| 86 | 66.1 | 50.6 | 76.0 |

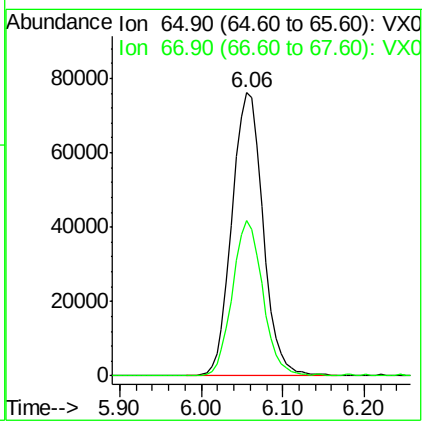


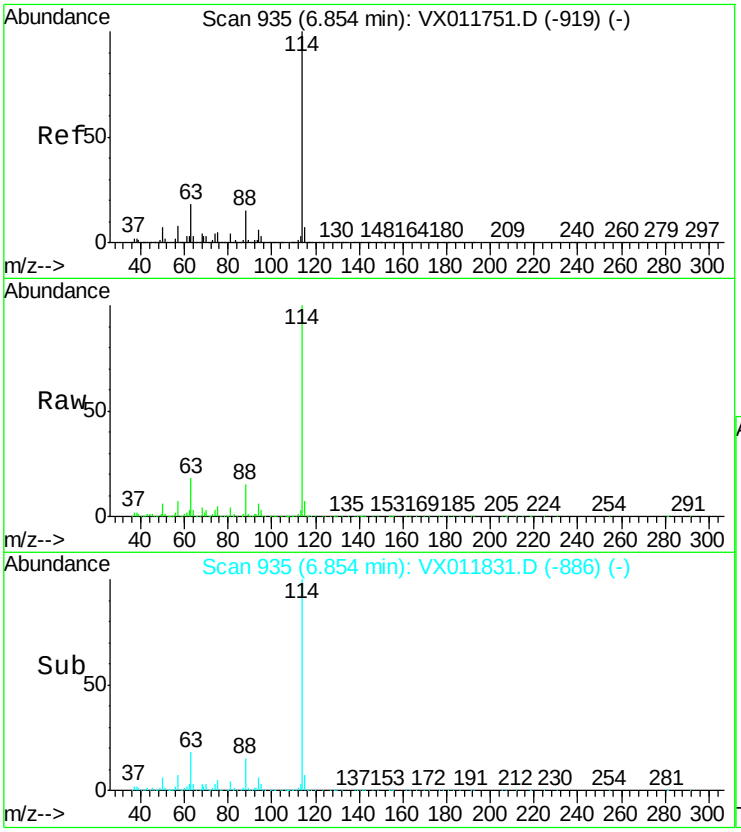




#33
1,2-Dichloroethane-d4
Concen: 43.257 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011831.D
Acq: 24 Aug 2019 20:10

Tgt Ion: 65 Resp: 199326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.2 | 0.0 | 107.8 |



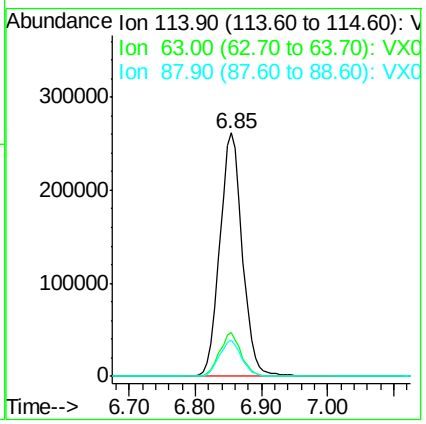


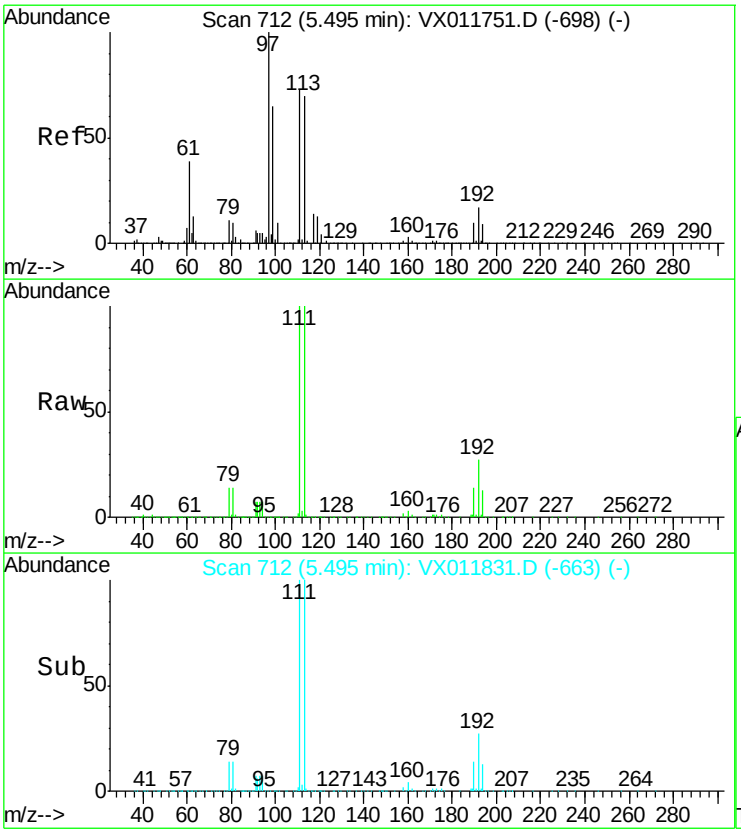

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011831.D
Acq: 24 Aug 2019 20:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
T1-2-K2-(0)

Tgt Ion:114 Resp: 617352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.1 | 0.0 | 36.8 |
| 88 | 15.0 | 0.0 | 30.2 |

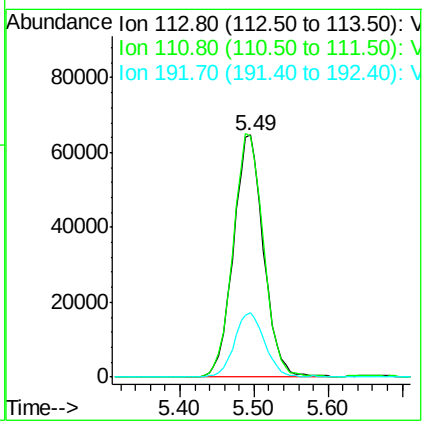


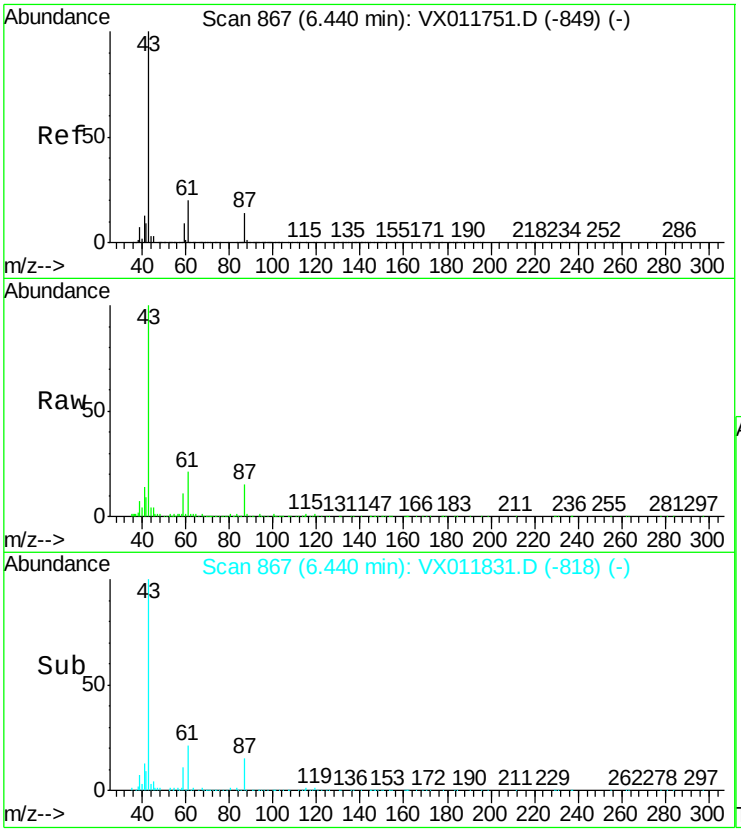




#35
Dibromofluoromethane
Concen: 45.843 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011831.D
Acq: 24 Aug 2019 20:10

Tgt Ion:113 Resp: 183006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.2 | 81.0 | 121.4 |
| 192 | 26.8 | 19.9 | 29.9 |



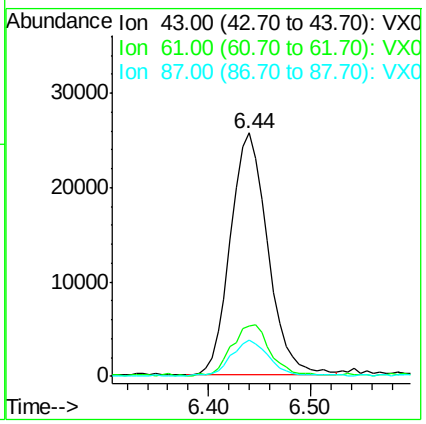


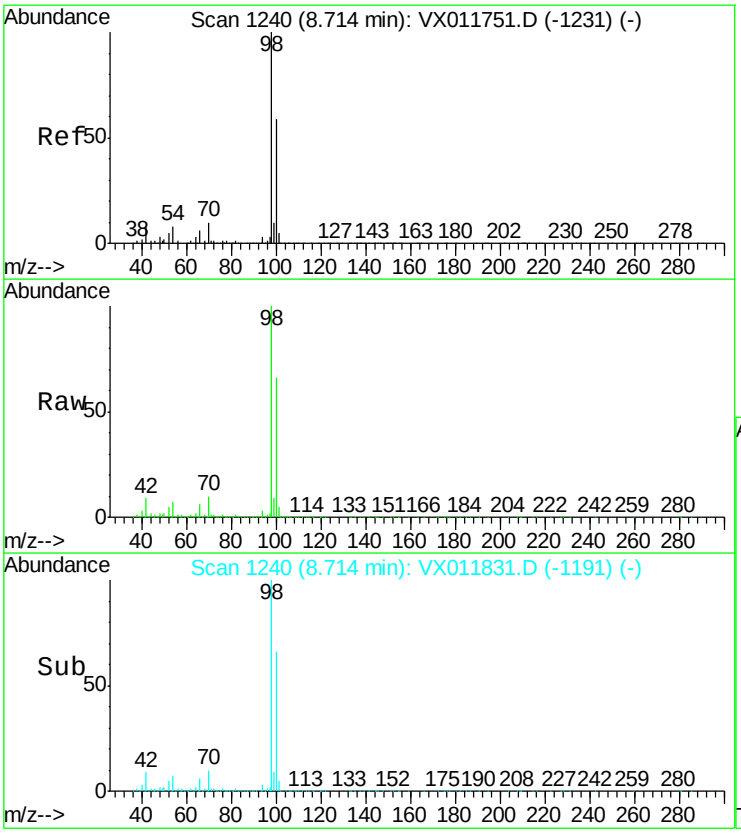

#43
Isopropyl Acetate
Concen: 7.859 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011831.D
Acq: 24 Aug 2019 20:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
T1-2-K2-(0)

Tgt Ion: 43 Resp: 65162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 21.8 | 16.2 | 24.2 |
| 87 | 15.1 | 11.6 | 17.4 |

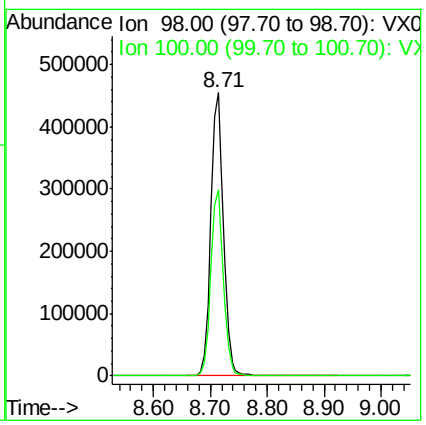


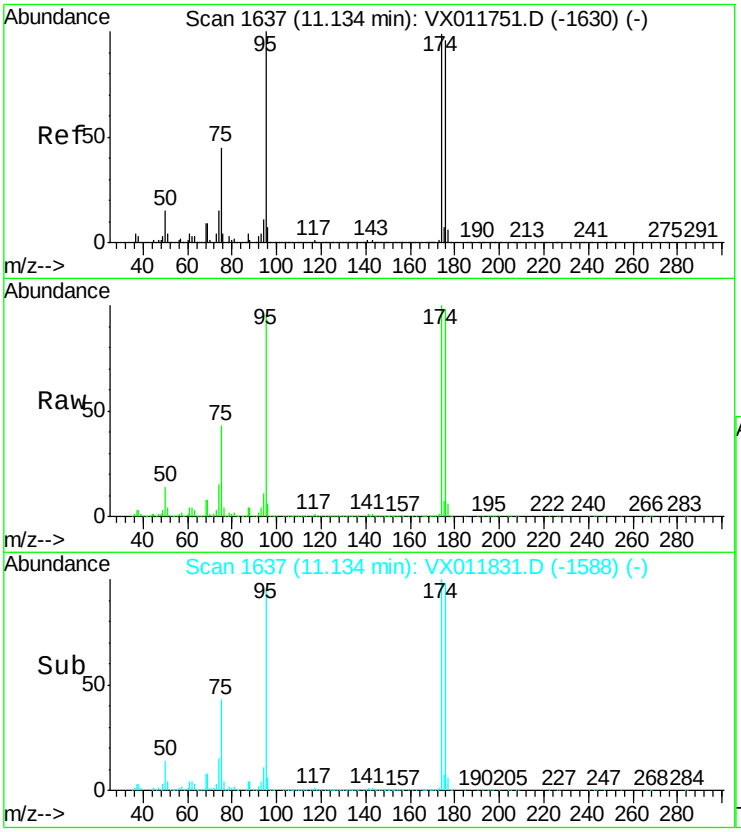




#50
Toluene-d8
Concen: 50.786 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011831.D
Acq: 24 Aug 2019 20:10

Tgt Ion: 98 Resp: 707160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.3 | 52.1 | 78.1 |



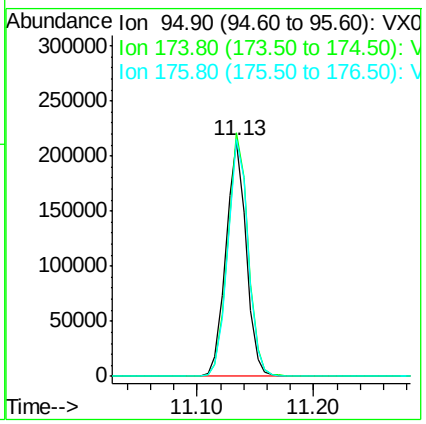


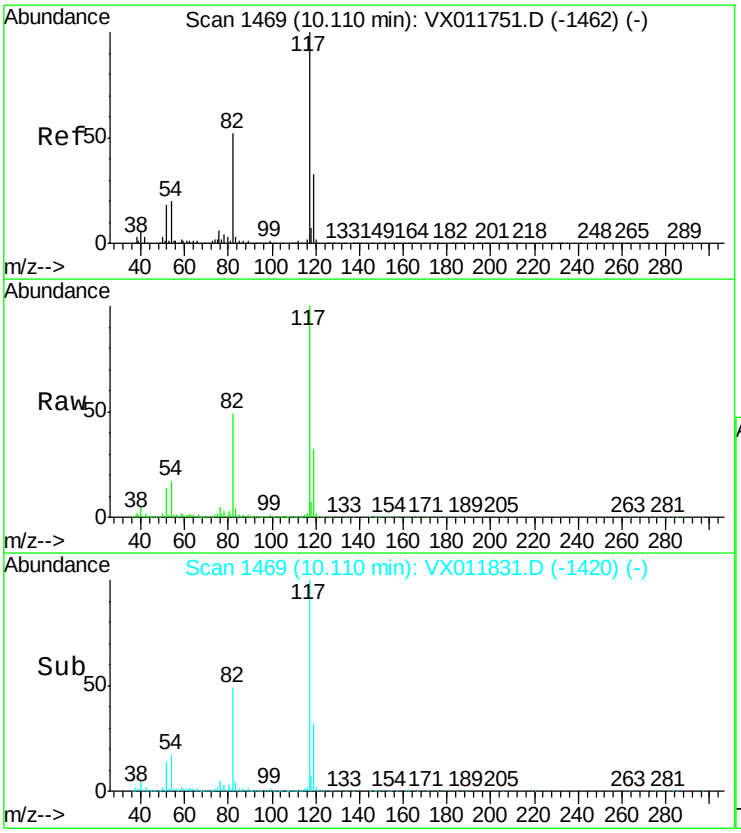

#62
4-Bromofluorobenzene
Concen: 46.766 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011831.D
Acq: 24 Aug 2019 20:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
T1-2-K2-(0)

Tgt Ion: 95 Resp: 257390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 104.9 | 0.0 | 197.4 |
| 176 | 102.5 | 0.0 | 194.4 |

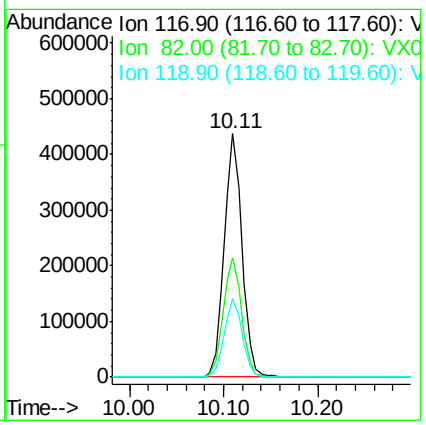


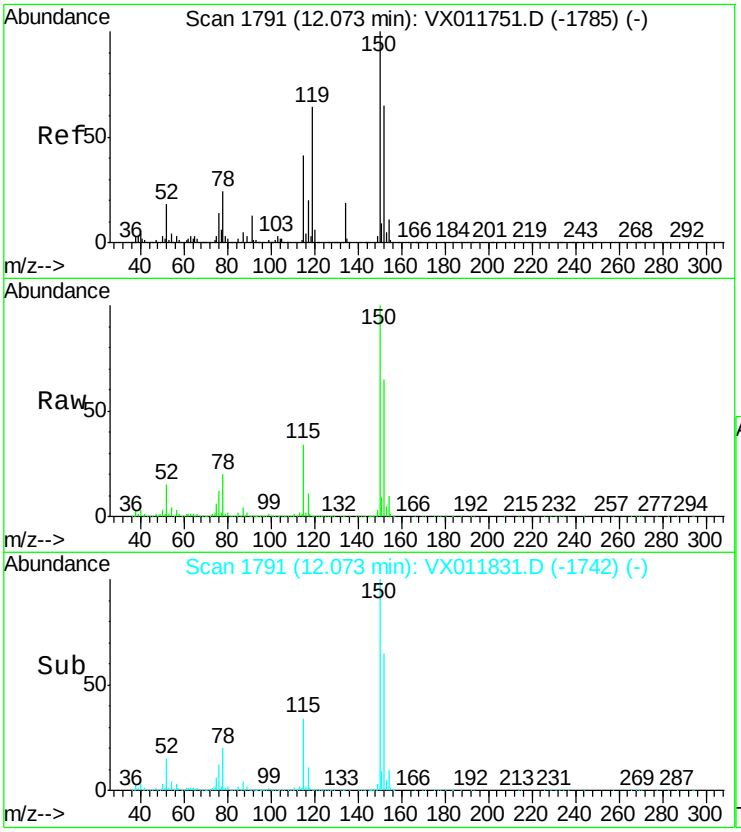




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011831.D
Acq: 24 Aug 2019 20:10

Tgt Ion:117 Resp: 573388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 49.1 | 41.7 | 62.5 |
| 119 | 32.1 | 26.2 | 39.2 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011831.D
Acq: 24 Aug 2019 20:10

**Instrument :**
MSVOA_X
**ClientSampleId :**
T1-2-K2-(0)

Tgt Ion:152 Resp: 314670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 51.8 | 37.3 | 111.8 |
| 150 | 155.8 | 0.0 | 343.0 |