Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091718\
Data File : VX004641.D
Acq On : 18 Sep 2018 01:19
Operator : JC/MD
Sample : J4936-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 138-KV-2

Quant Time: Sep 18 02:28:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 233308 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 334052 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 317287 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 206734 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 156762 | 52.11 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.22% | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 146071 | 47.78 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.56% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 465169 | 45.38 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.76% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 160909 | 43.97 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 87.94% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 2.45 | 43 | 11753 | 8.00 | ug/l | 95 |
| 18) Methyl Acetate | 2.78 | 43 | 9962 | 2.42 | ug/l | 97 |
| 20) Methylene Chloride | 2.86 | 84 | 31997 | 10.62 | ug/l | 93 |
| 30) Chloroform | 5.21 | 83 | 6507 | 1.31 | ug/l | 91 |
| 43) Isopropyl Acetate | 6.46 | 43 | 106697 | 17.42 | ug/l | 99 |
| 95) Naphthalene | 13.83 | 128 | 22898 | 1.62 | ug/l | 99 |

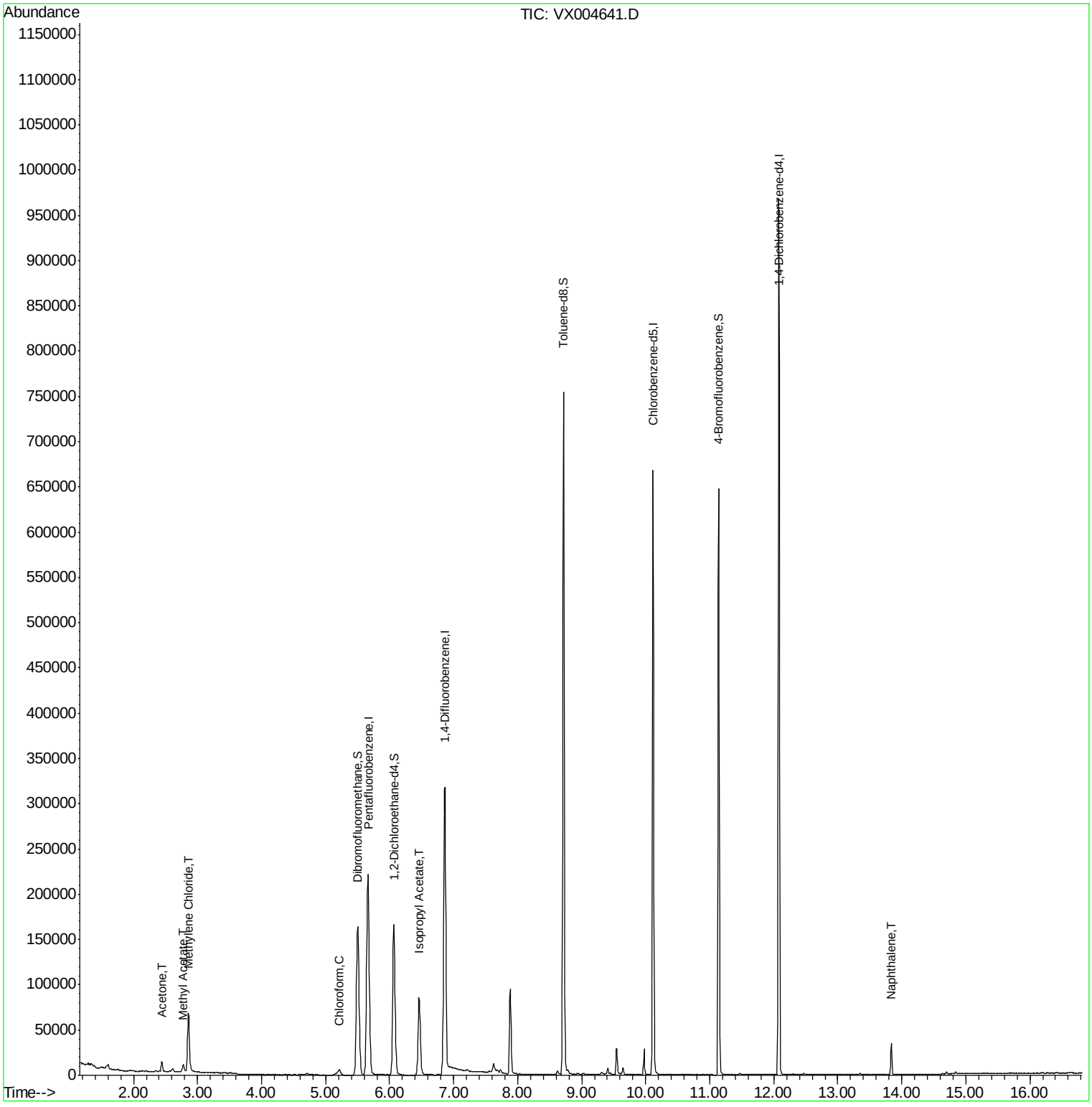
(#) = qualifier out of range (m) = manual integration (+) = signals summed

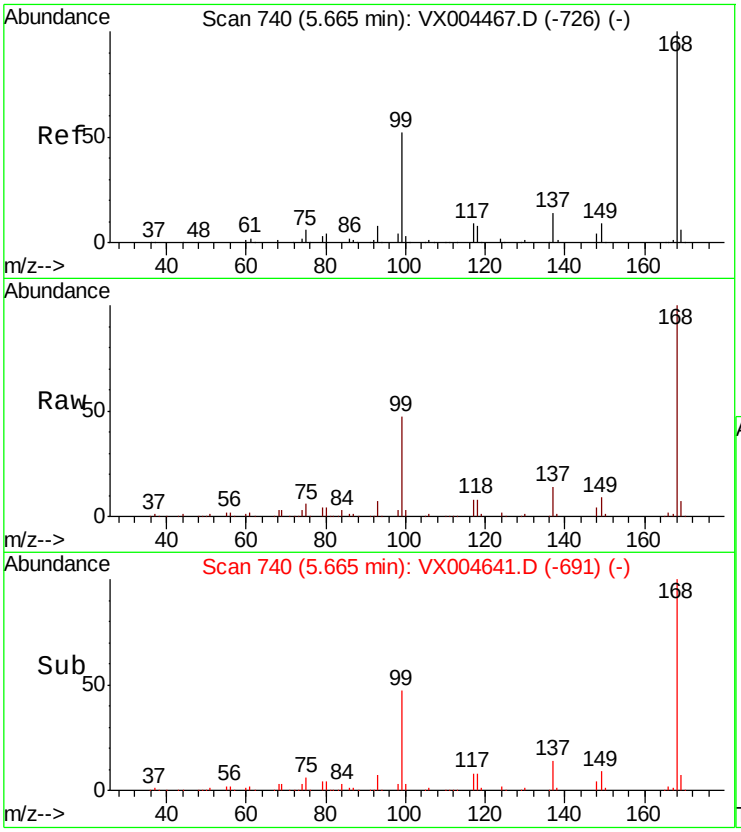
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091718\
Data File : VX004641.D
Acq On : 18 Sep 2018 01:19
Operator : JC/MD
Sample : J4936-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 138-KV-2

Quant Time: Sep 18 02:28:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration



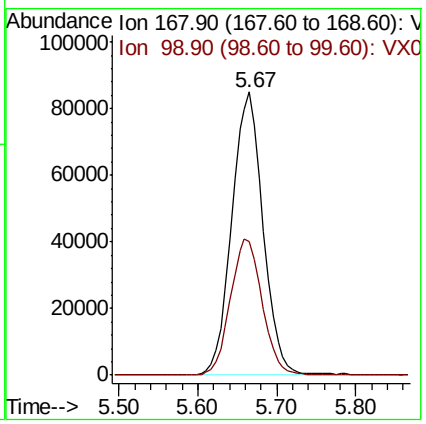


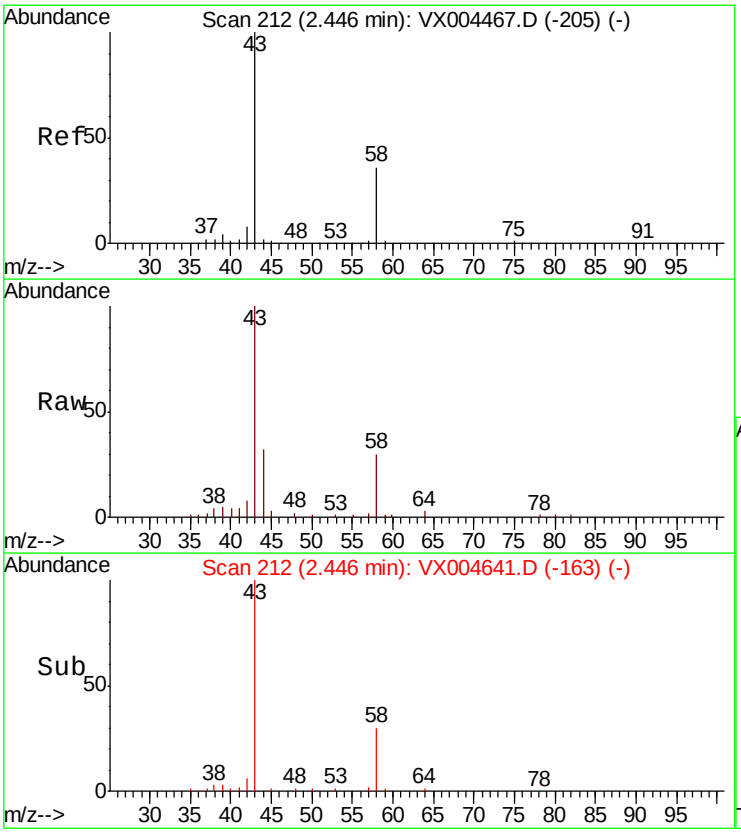

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
138-KV-2

Tgt Ion:168 Resp: 233308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.4 | 39.9 | 59.9 |

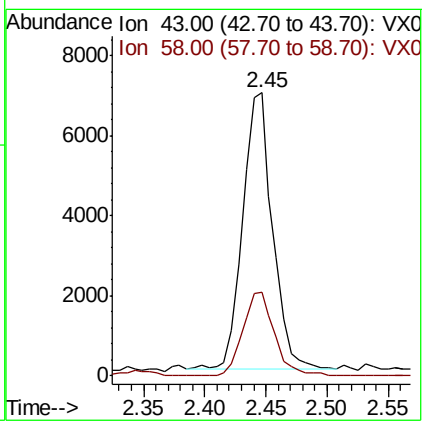


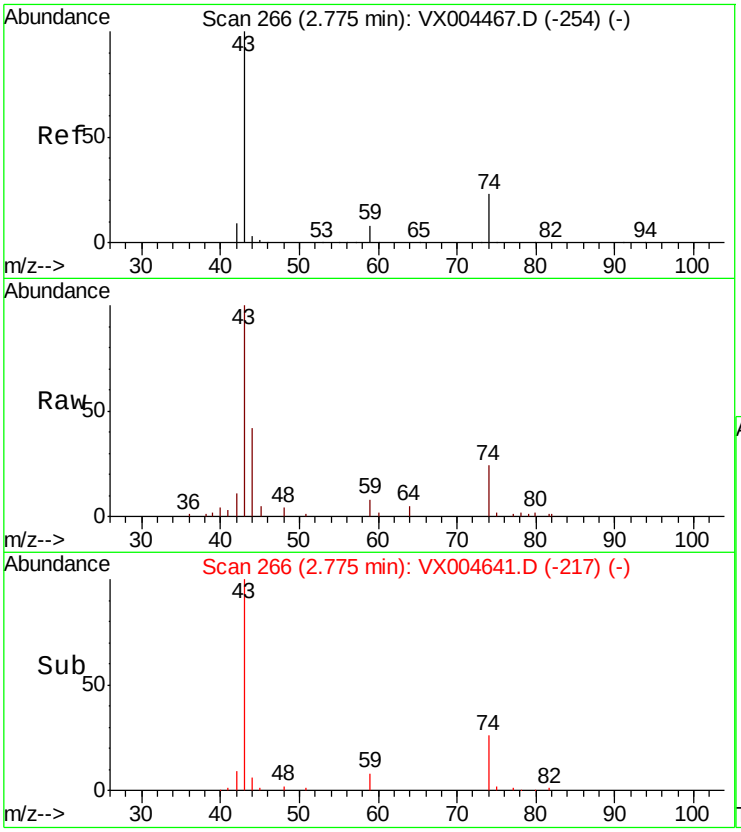




#16
Acetone
Concen: 8.00 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

Tgt Ion: 43 Resp: 11753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.2 | 26.2 | 39.4 |



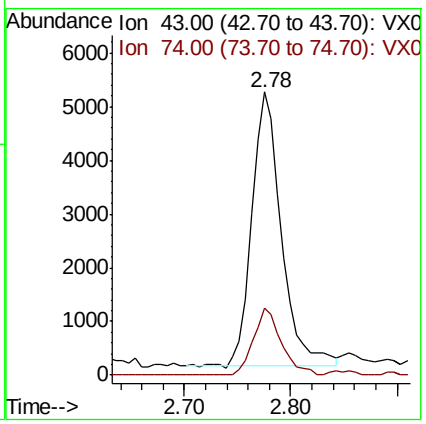


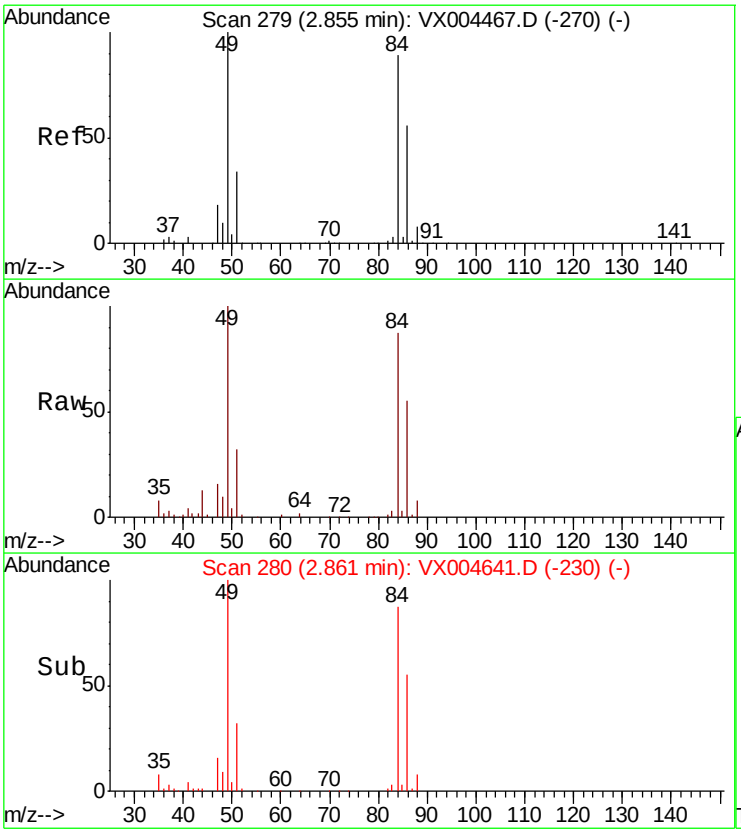

#18
Methyl Acetate
Concen: 2.42 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
138-KV-2

Tgt Ion: 43 Resp: 9962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.8 | 19.4 | 29.2 |

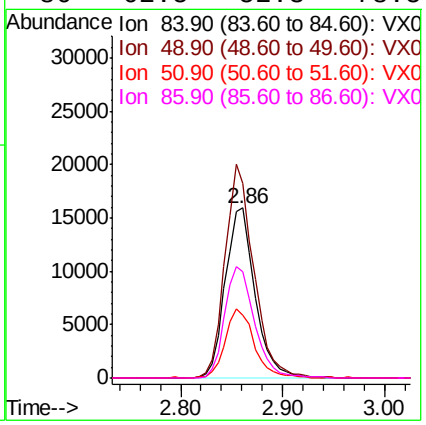


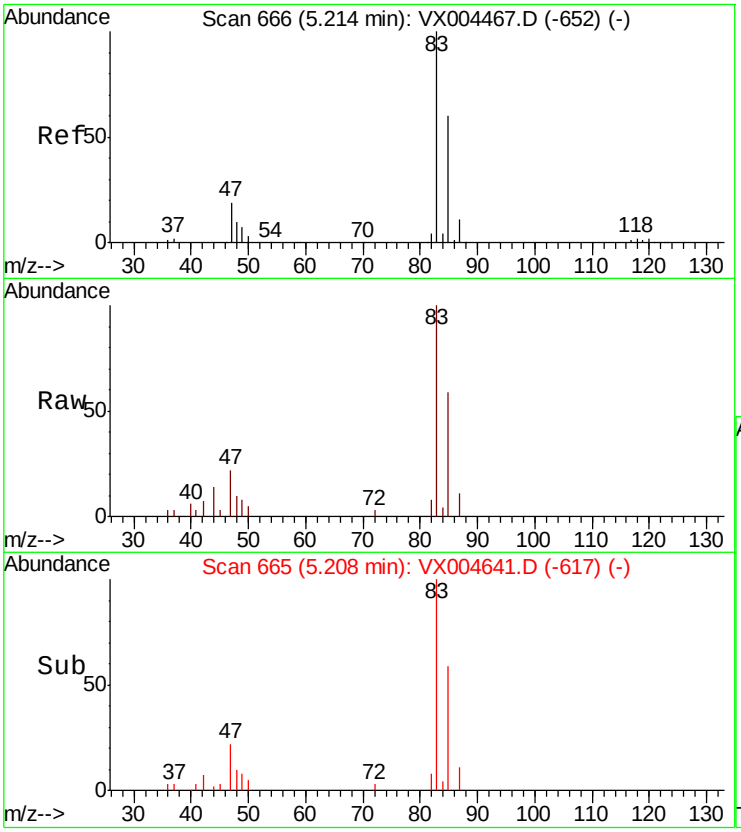




#20
Methylene Chloride
Concen: 10.62 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

Tgt Ion: 84 Resp: 31997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 114.4 | 101.2 | 151.8 |
| 51 | 36.9 | 29.5 | 44.3 |
| 86 | 62.5 | 52.3 | 78.5 |



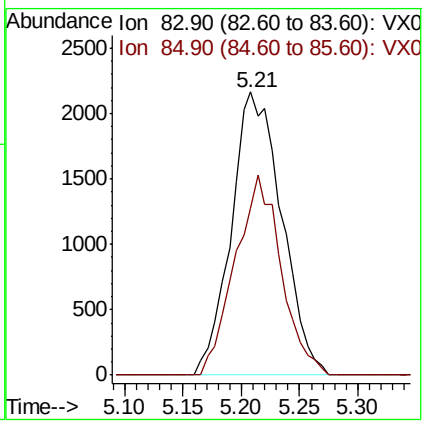


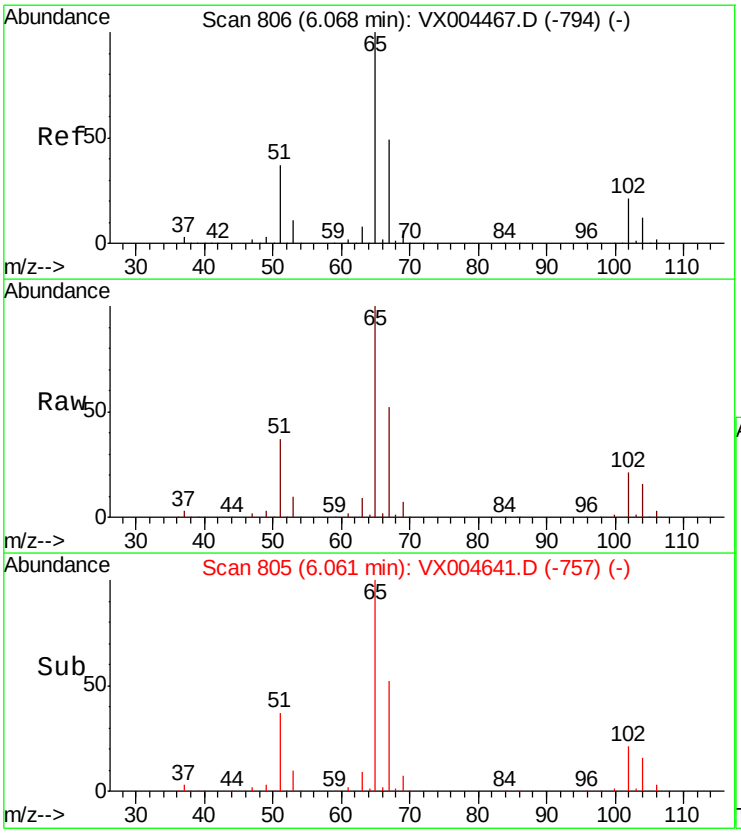

#30
Chloroform
Concen: 1.31 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
138-KV-2

Tgt Ion: 83 Resp: 6507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 58.9 | 52.6 | 79.0 |

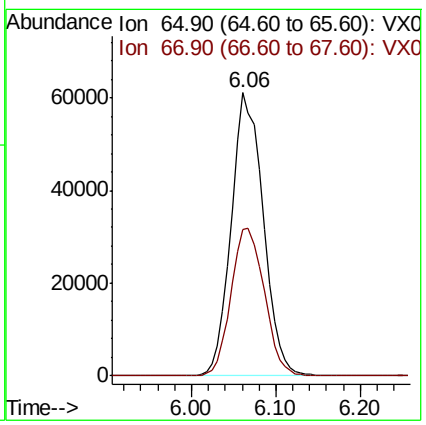


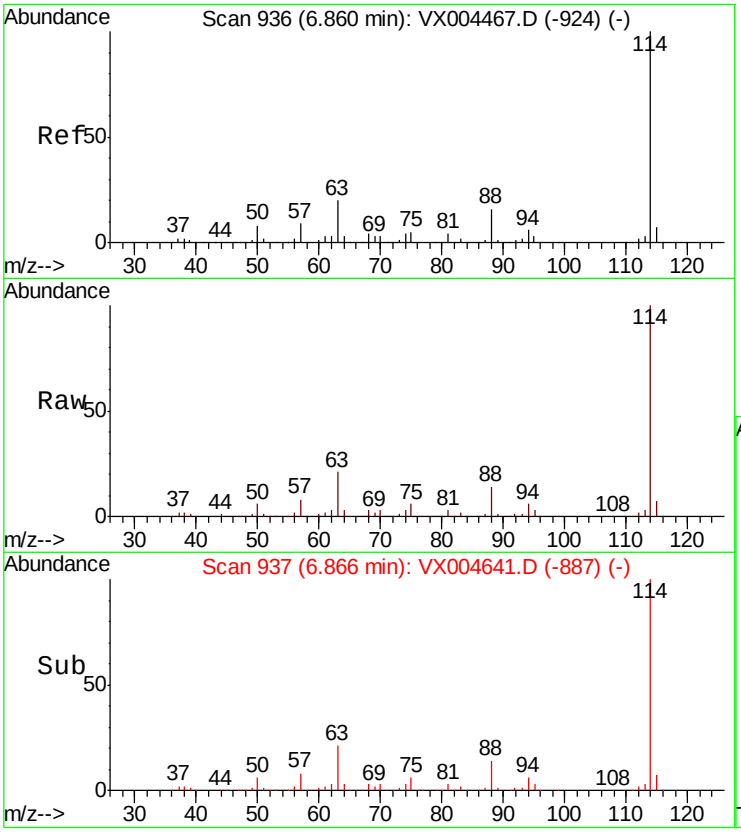




#33
1,2-Dichloroethane-d4
Concen: 52.11 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

Tgt Ion: 65 Resp: 156762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.4 | 0.0 | 106.8 |



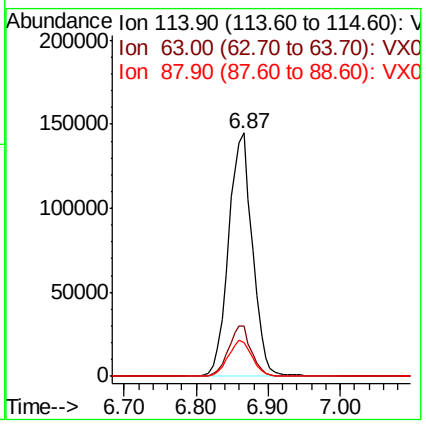


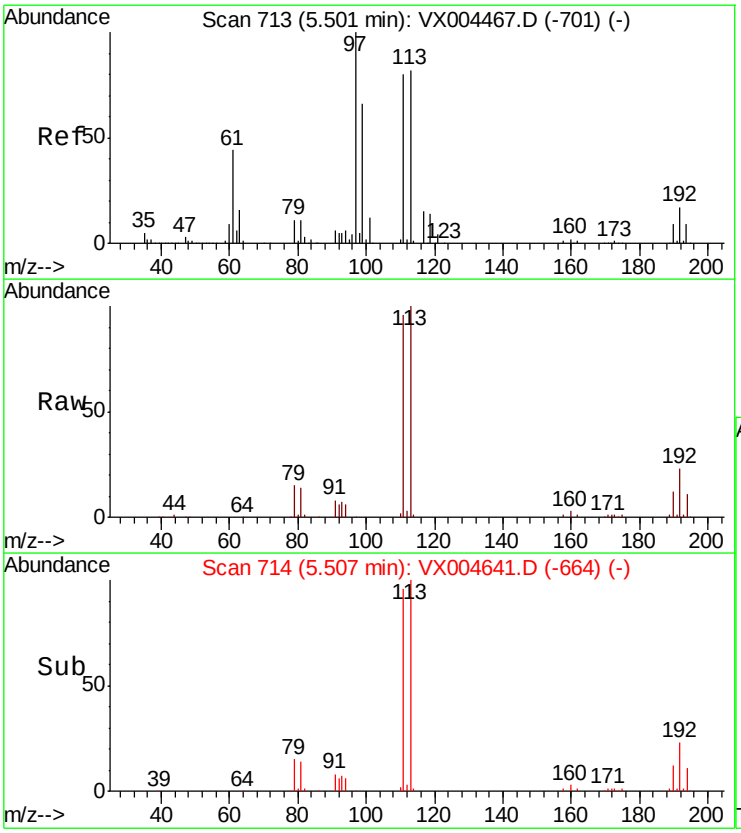

#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
138-KV-2

Tgt Ion:114 Resp: 334052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.5 | 0.0 | 39.0 |
| 88 | 14.0 | 0.0 | 30.4 |

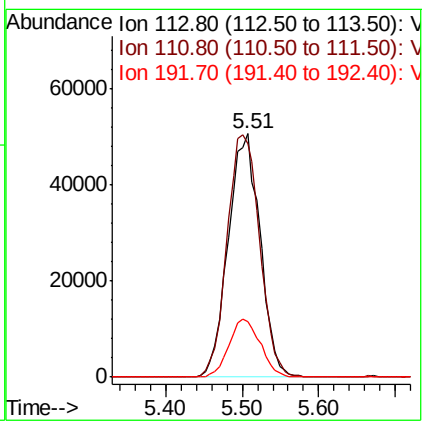


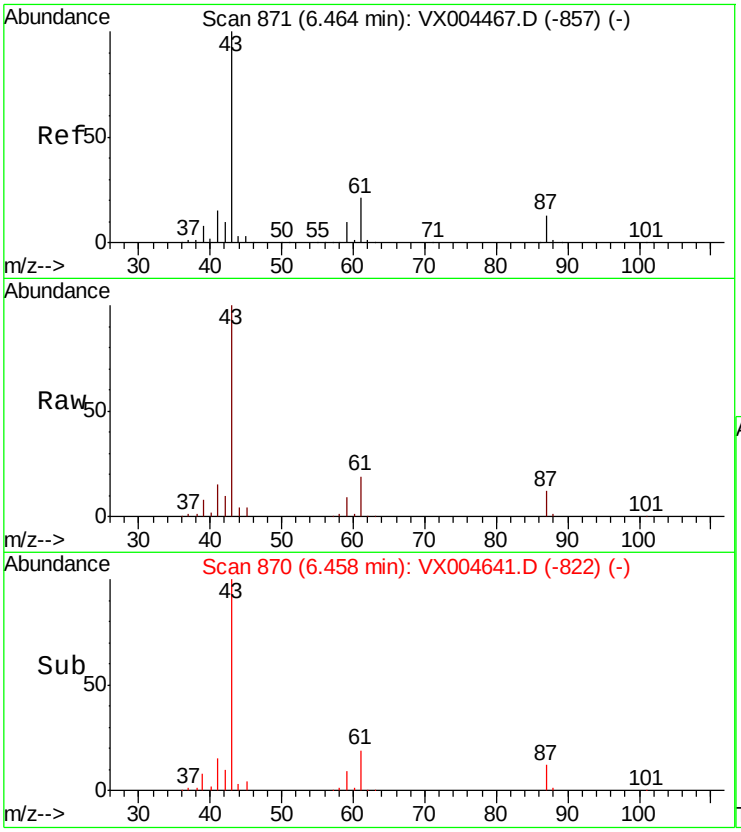




#35
Dibromofluoromethane
Concen: 47.78 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

Tgt Ion:113 Resp: 146071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.0 | 82.4 | 123.6 |
| 192 | 23.6 | 19.4 | 29.2 |



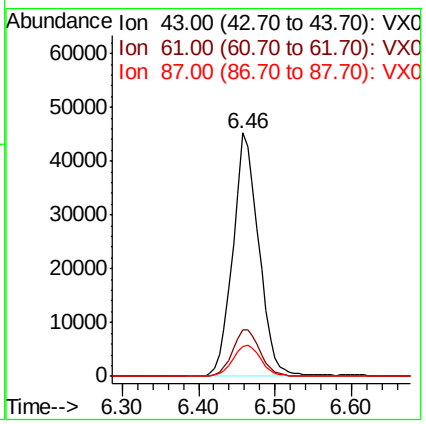


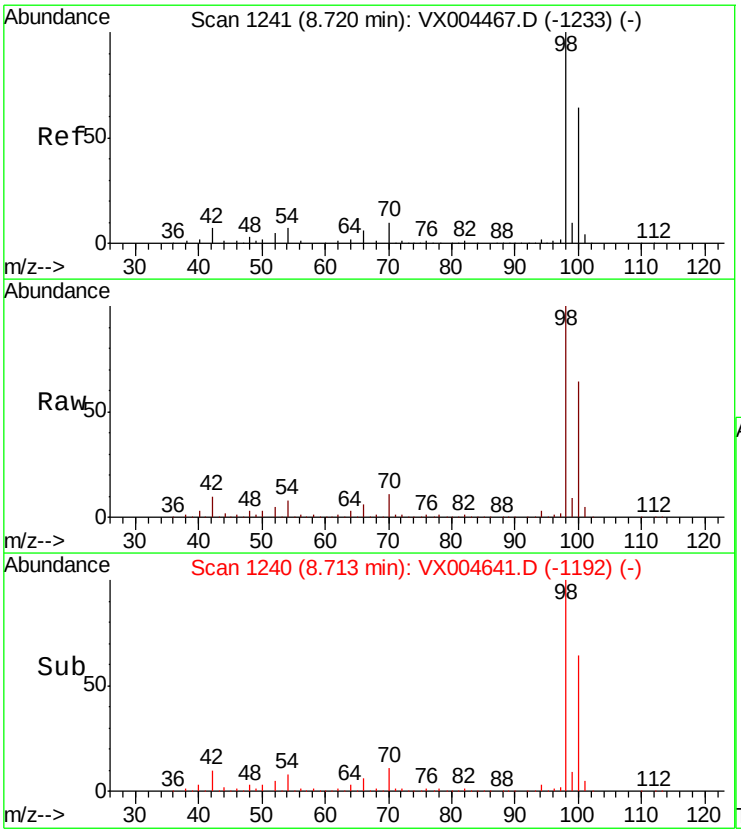

#43
Isopropyl Acetate
Concen: 17.42 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
138-KV-2

Tgt Ion: 43 Resp: 106697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.5 | 17.0 | 25.4 |
| 87 | 13.7 | 11.4 | 17.2 |

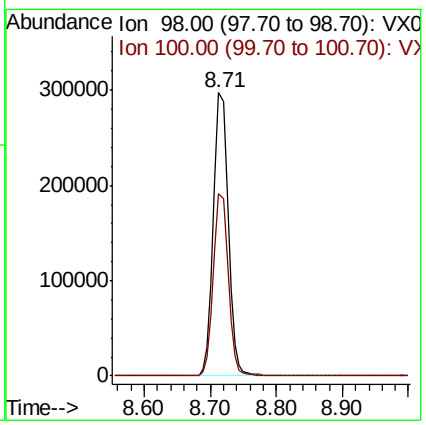


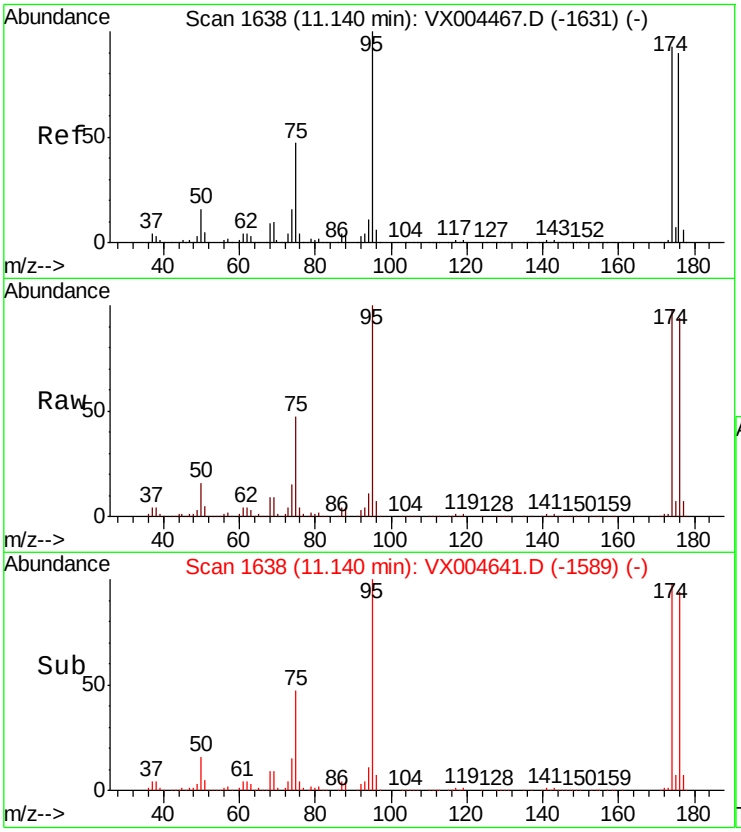




#50
Toluene-d8
Concen: 45.38 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

Tgt Ion: 98 Resp: 465169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.3 | 52.9 | 79.3 |



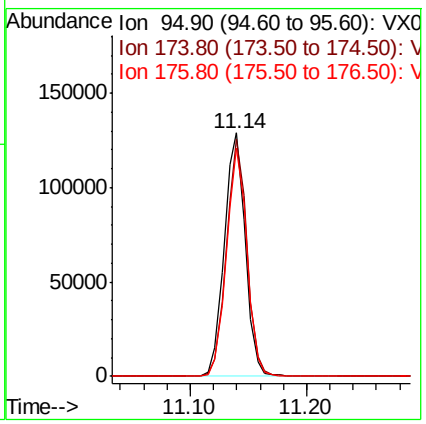


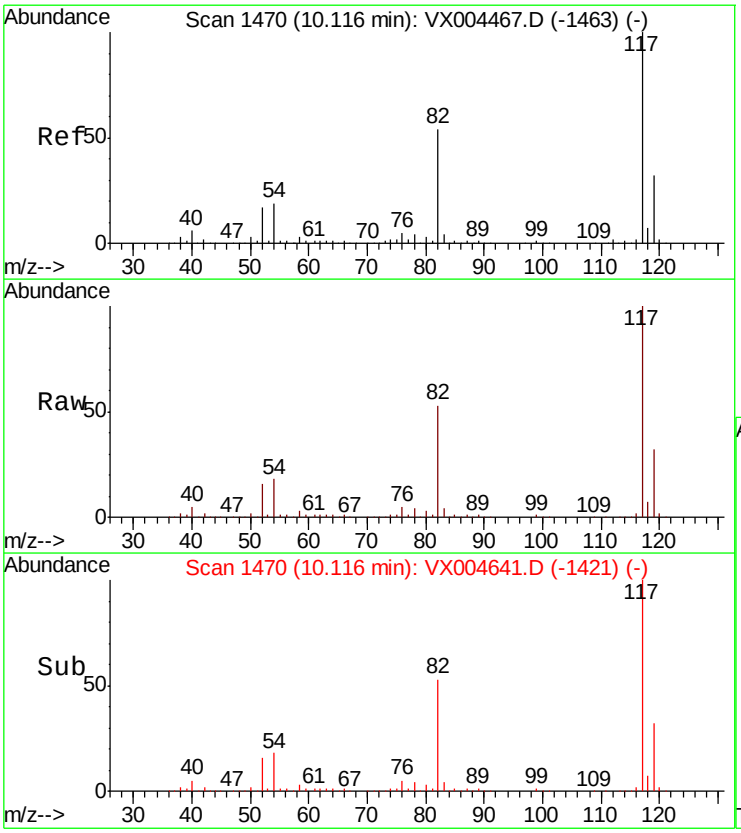

#62
4-Bromofluorobenzene
Concen: 43.97 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
138-KV-2

Tgt Ion: 95 Resp: 160909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 95.9 | 0.0 | 185.2 |
| 176 | 92.1 | 0.0 | 178.6 |

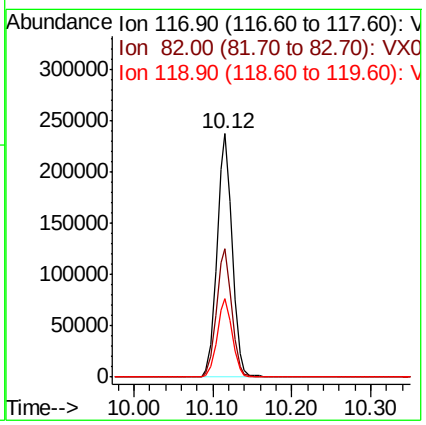


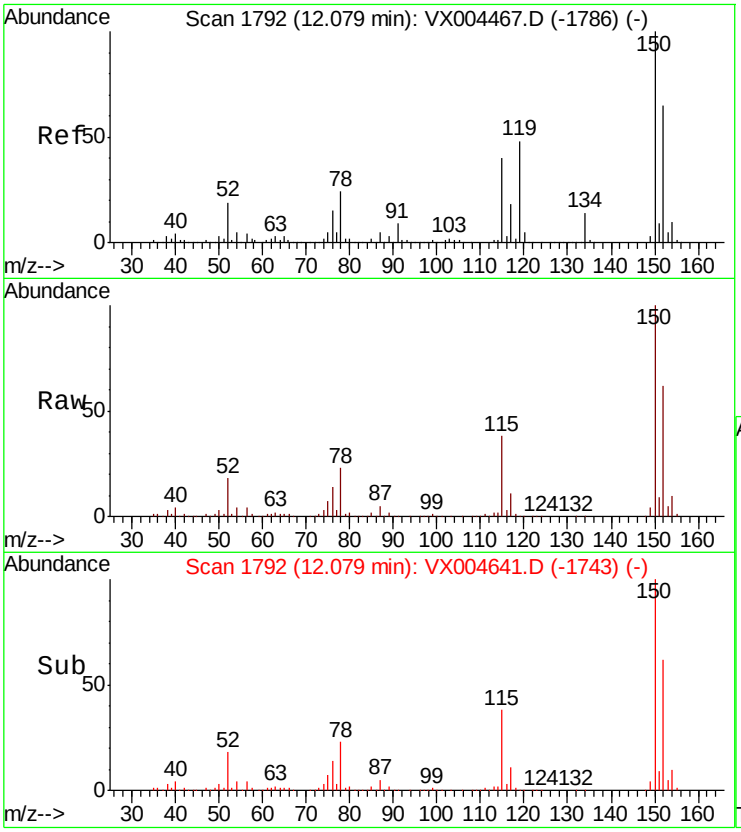




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

Tgt Ion:117 Resp: 317287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.8 | 47.8 | 71.6 |
| 119 | 32.3 | 29.3 | 43.9 |



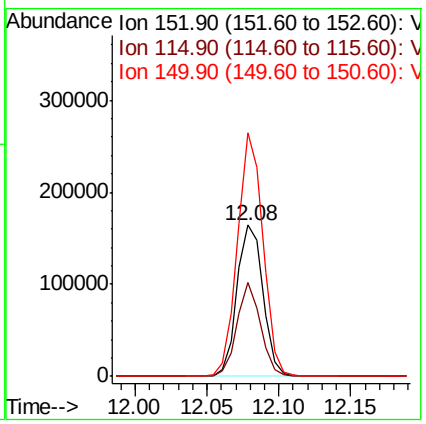


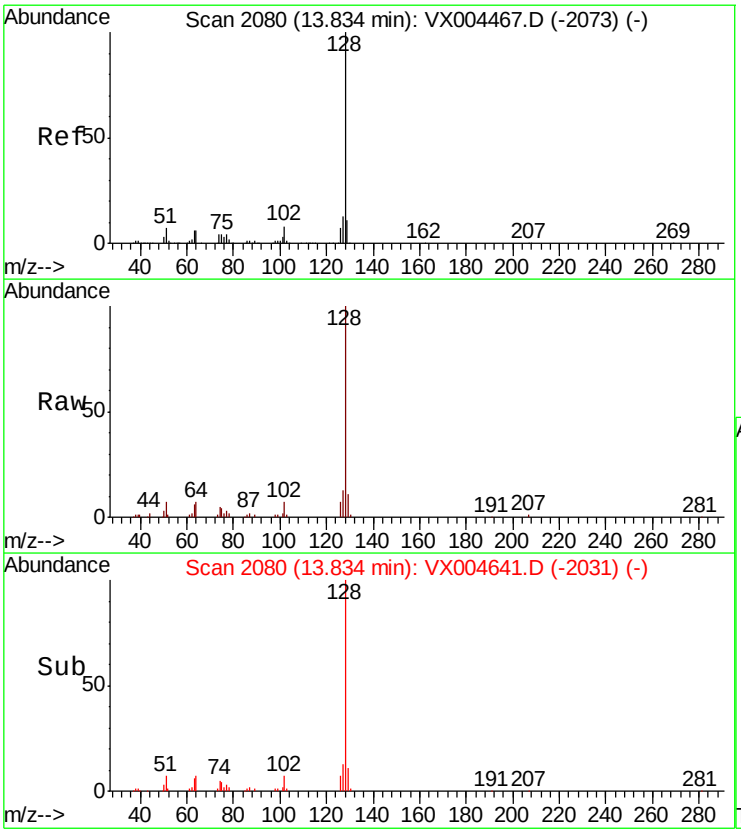

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
138-KV-2

Tgt Ion:152 Resp: 206734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.0 | 39.0 | 117.0 |
| 150 | 157.9 | 0.0 | 351.0 |




#95
Naphthalene
Concen: 1.62 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

Tgt Ion:128 Resp: 22898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.2 | 15.2 |
| 129 | 10.0 | 8.6 | 12.8 |