Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002967.D
Acq On : 28 Jun 2018 05:45
Operator : JC/MD
Sample : J3718-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** W-29

Quant Time: Jun 28 07:44:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 272184 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 385423 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 361203 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 209195 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 183539 | 48.79 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.58% | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 147469 | 48.32 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.64% | | | |
| 50) Toluene-d8 | 8.72 | 98 | 543365 | 48.75 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.50% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 194337 | 45.21 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.42% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) Methyl Iodide | 2.51 | 142 | 3497 | 7.23 | ug/l # | 96 |
| 11) Tert butyl alcohol | 3.07 | 59 | 16903 | 22.55 | ug/l | 95 |
| 16) Acetone | 2.45 | 43 | 15416 | 9.89 | ug/l | 95 |
| 19) Methyl tert-butyl Ether | 3.21 | 73 | 106400 | 11.03 | ug/l | 100 |
| 22) Diisopropyl ether | 3.88 | 45 | 12449 | 1.23 | ug/l | 92 |
| 65) Chlorobenzene | 10.14 | 112 | 159628 | 17.40 | ug/l | 98 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 22043 | 2.93 | ug/l | 90 |

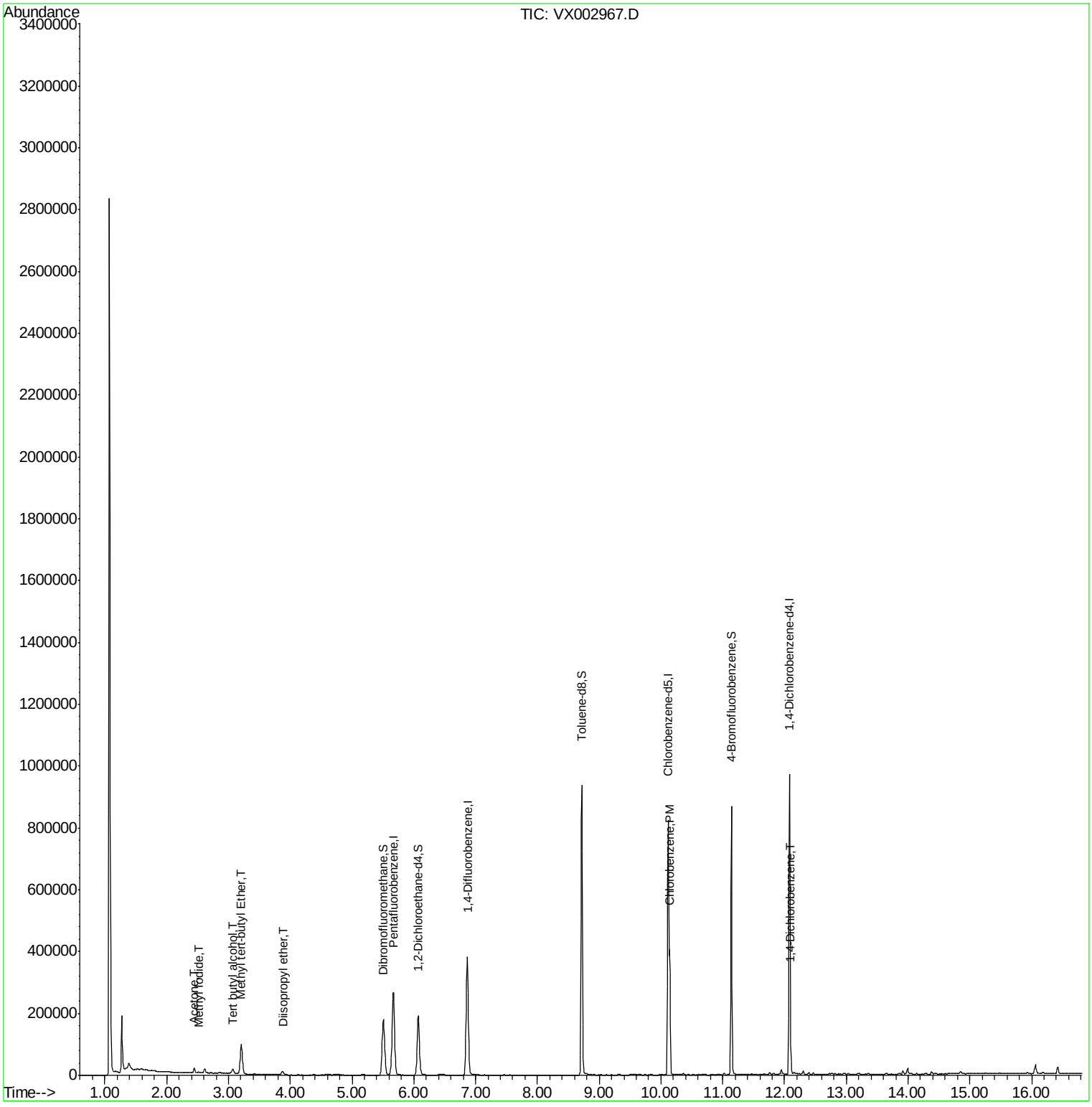
(#) = qualifier out of range (m) = manual integration (+) = signals summed

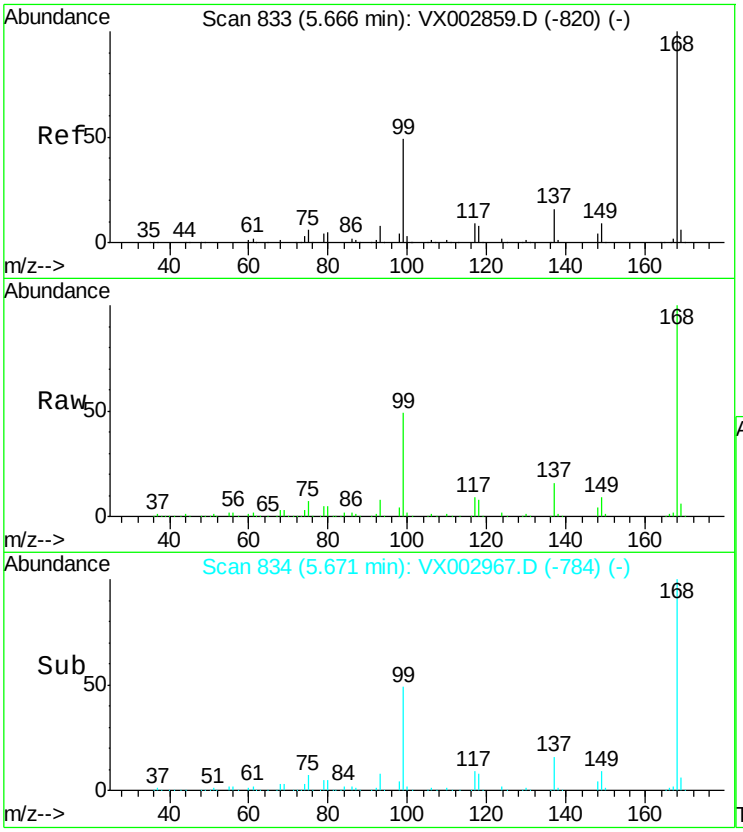
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002967.D
Acq On : 28 Jun 2018 05:45
Operator : JC/MD
Sample : J3718-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
W-29

Quant Time: Jun 28 07:44:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



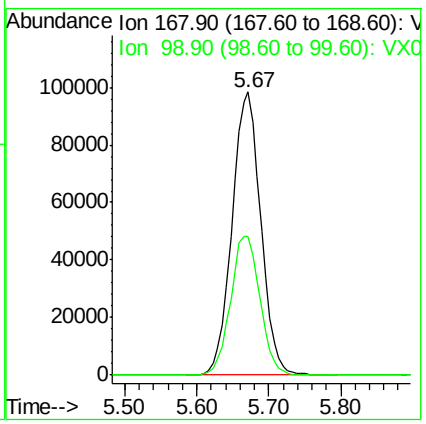


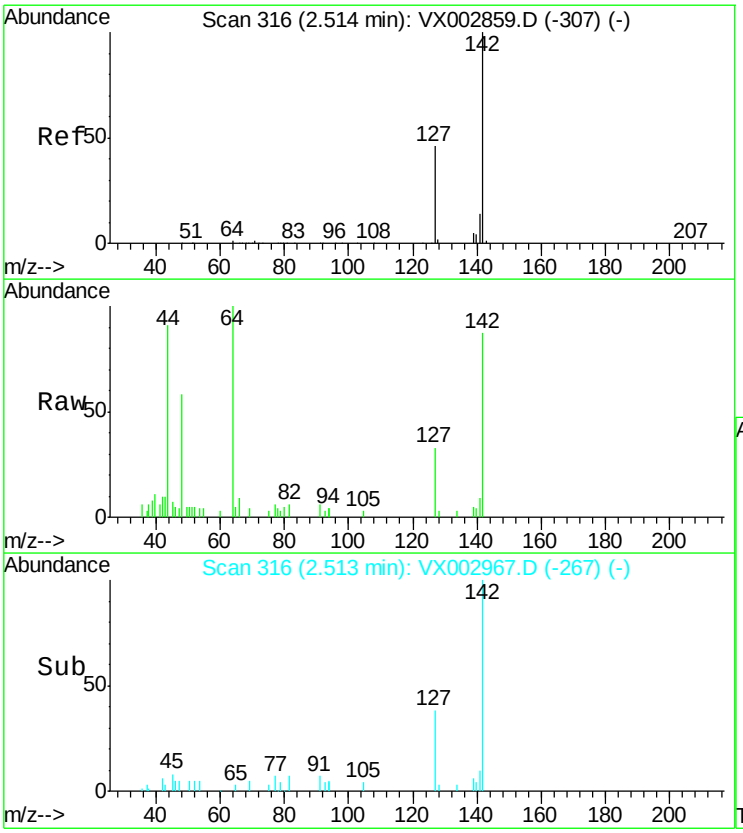

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

**Instrument :** MSVOA_X
**ClientSampleId :** W-29

Tgt Ion:168 Resp: 272184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.0 | 39.3 | 58.9 |

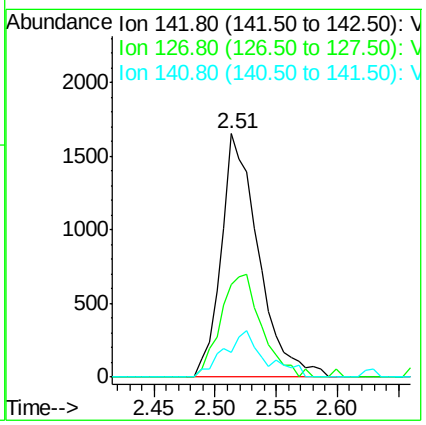


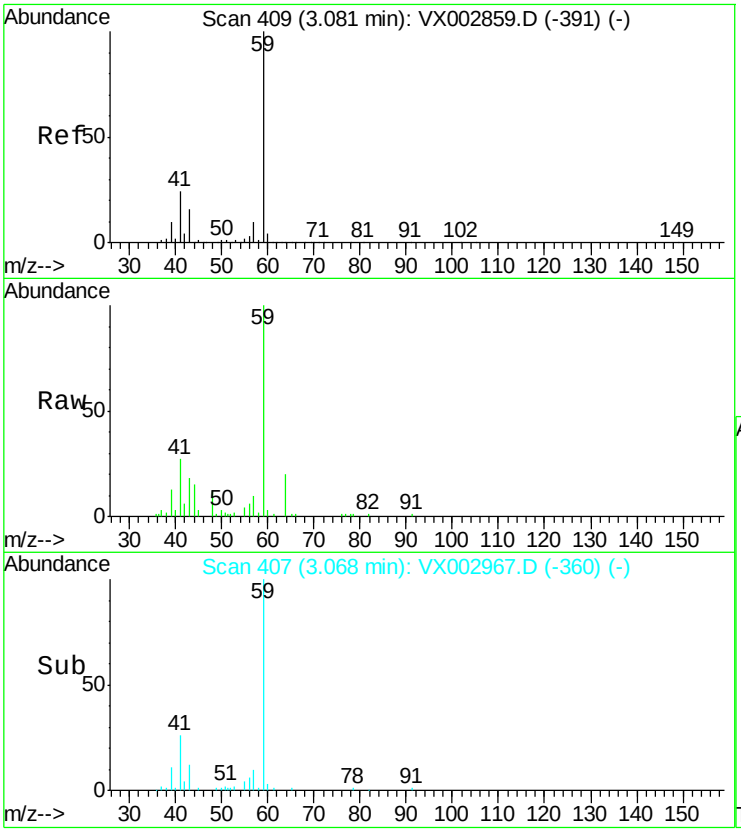




#10
Methyl Iodide
Concen: 7.23 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion:142 Resp: 3497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 46.2 | 36.6 | 55.0 |
| 141 | 20.7 | 11.3 | 16.9# |



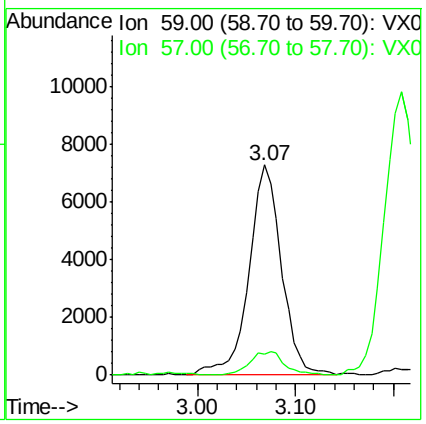


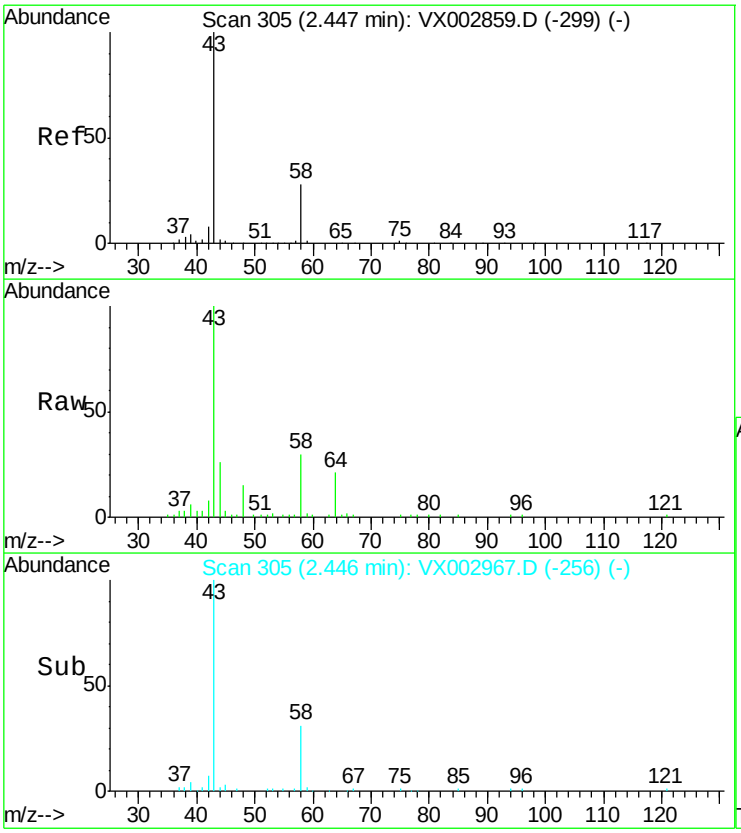

#11
Tert butyl alcohol
Concen: 22.55 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
W-29

Tgt Ion: 59 Resp: 16903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 12.1 | 8.2 | 12.2 |

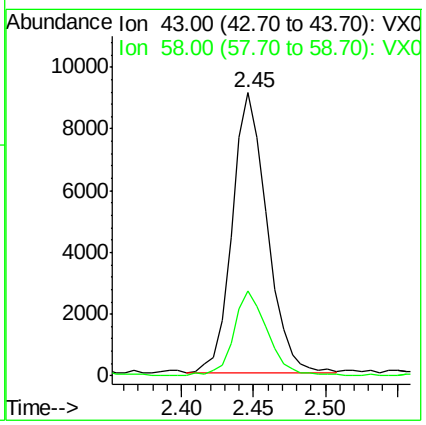


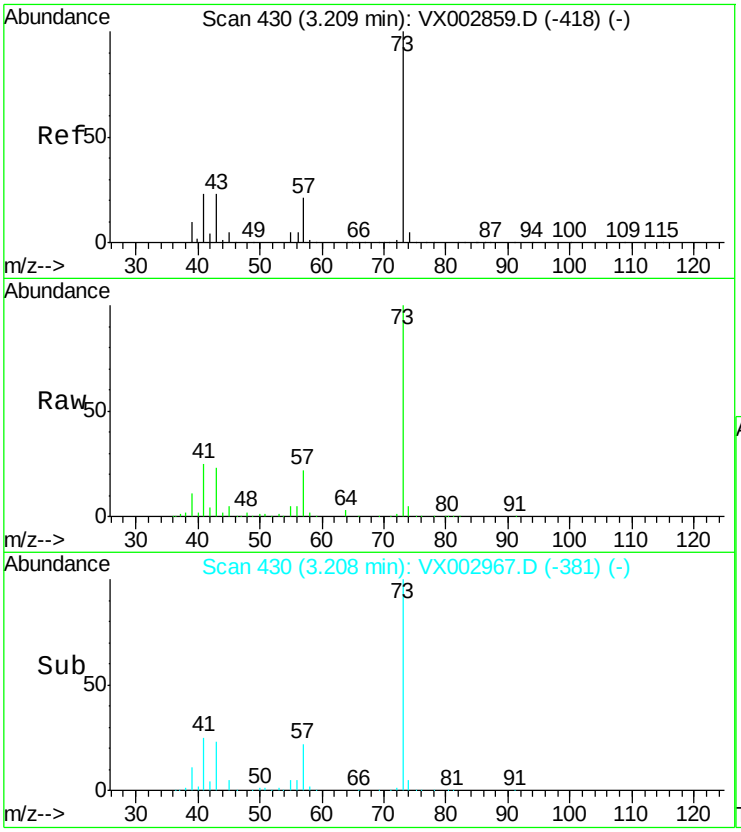




#16
Acetone
Concen: 9.89 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 43 Resp: 15416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.3 | 22.1 | 33.1 |



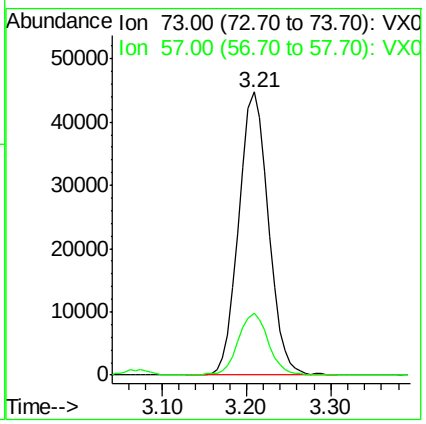


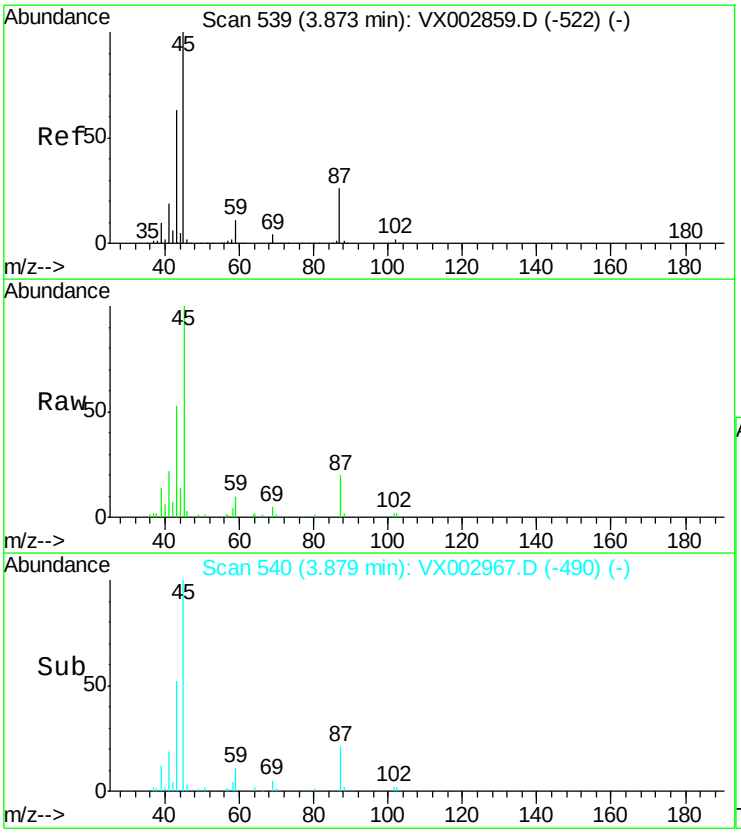

#19
Methyl tert-butyl Ether
Concen: 11.03 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
W-29

Tgt Ion: 73 Resp: 106400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.0 | 17.7 | 26.5 |

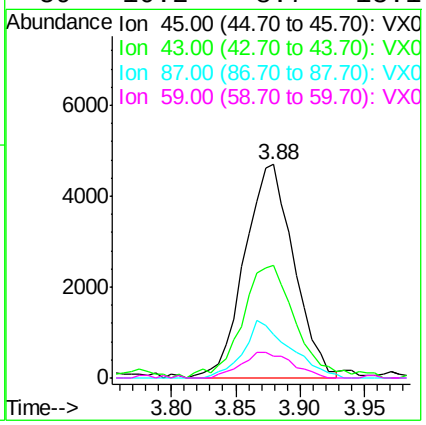


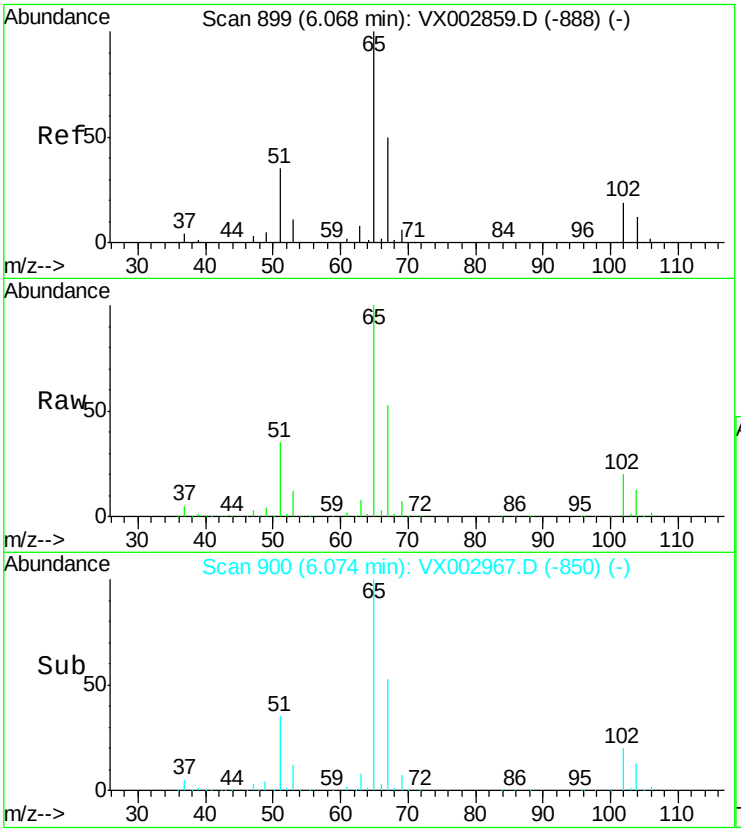




#22
Diisopropyl ether
Concen: 1.23 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.01 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 45 Resp: 12449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 52.6 | 46.8 | 70.2 |
| 87 | 20.5 | 20.2 | 30.4 |
| 59 | 10.2 | 8.7 | 13.1 |



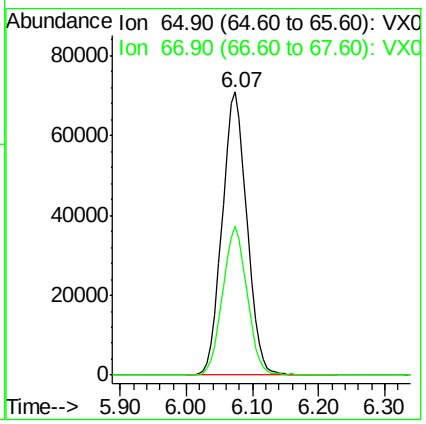


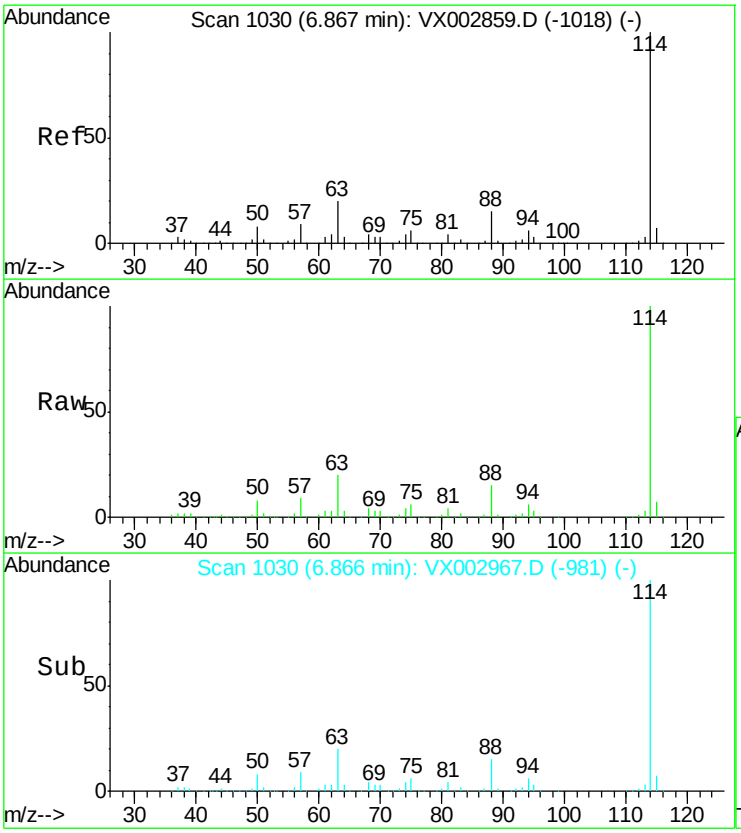

#33
1,2-Dichloroethane-d4
Concen: 48.79 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
W-29

Tgt Ion: 65 Resp: 183539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.9 | 0.0 | 102.6 |

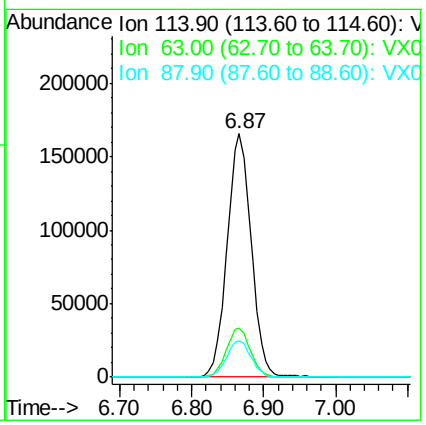


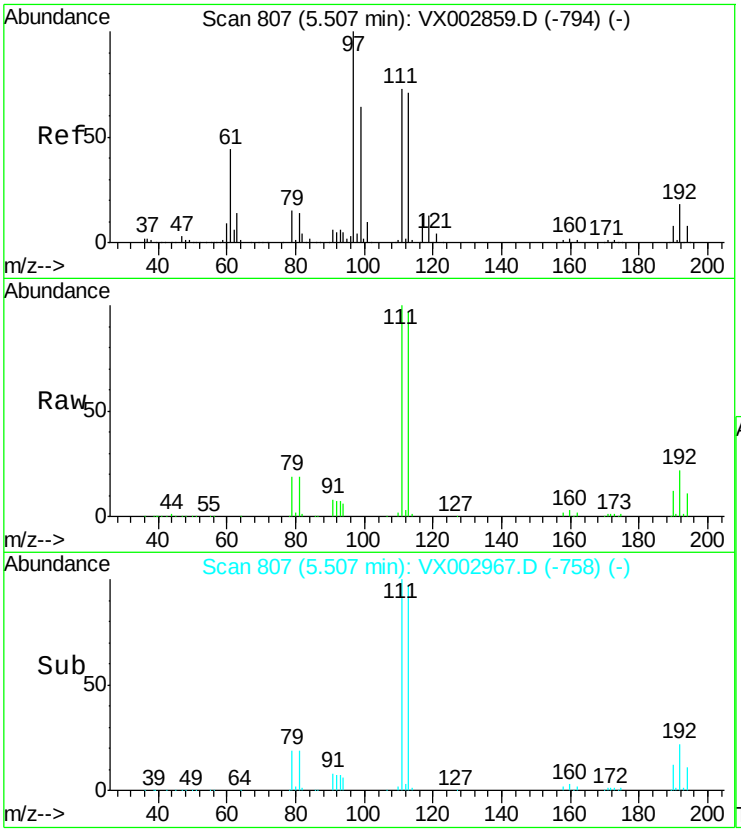




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion:114 Resp: 385423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.0 | 0.0 | 41.4 |
| 88 | 14.8 | 0.0 | 30.0 |



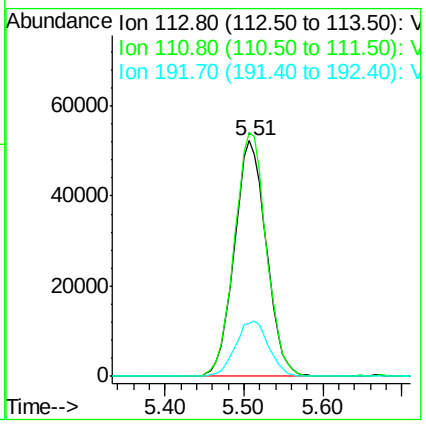


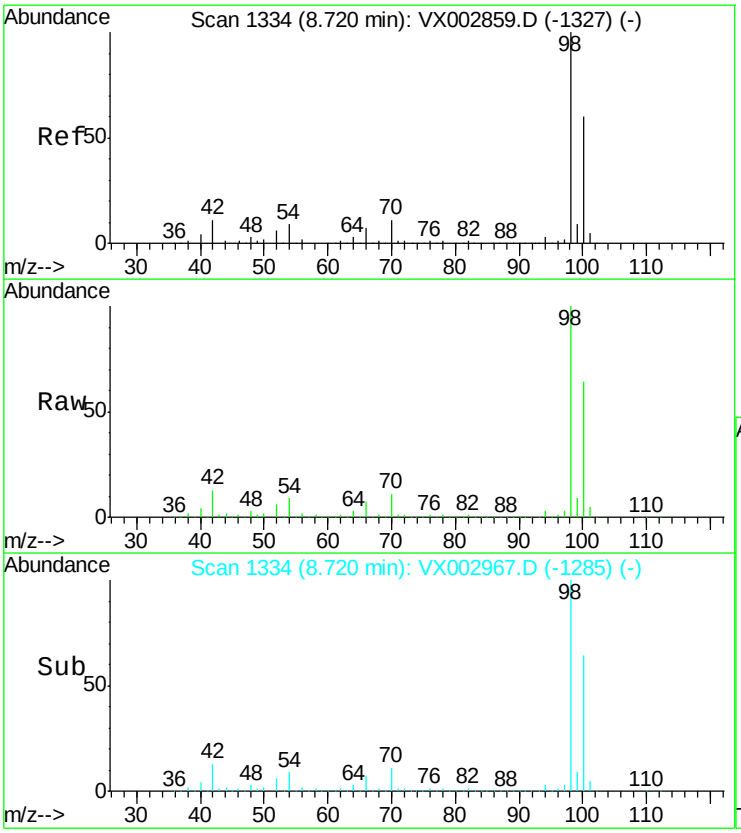

#35
Dibromofluoromethane
Concen: 48.32 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
W-29

Tgt Ion:113 Resp: 147469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.4 | 81.4 | 122.0 |
| 192 | 24.5 | 19.1 | 28.7 |

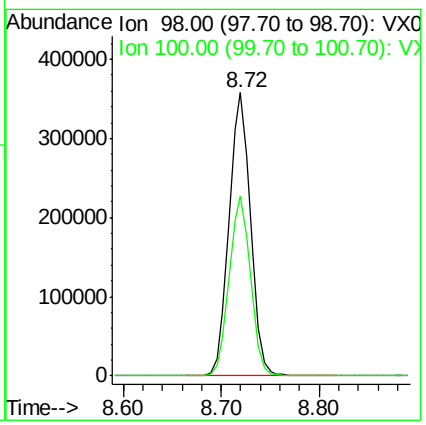


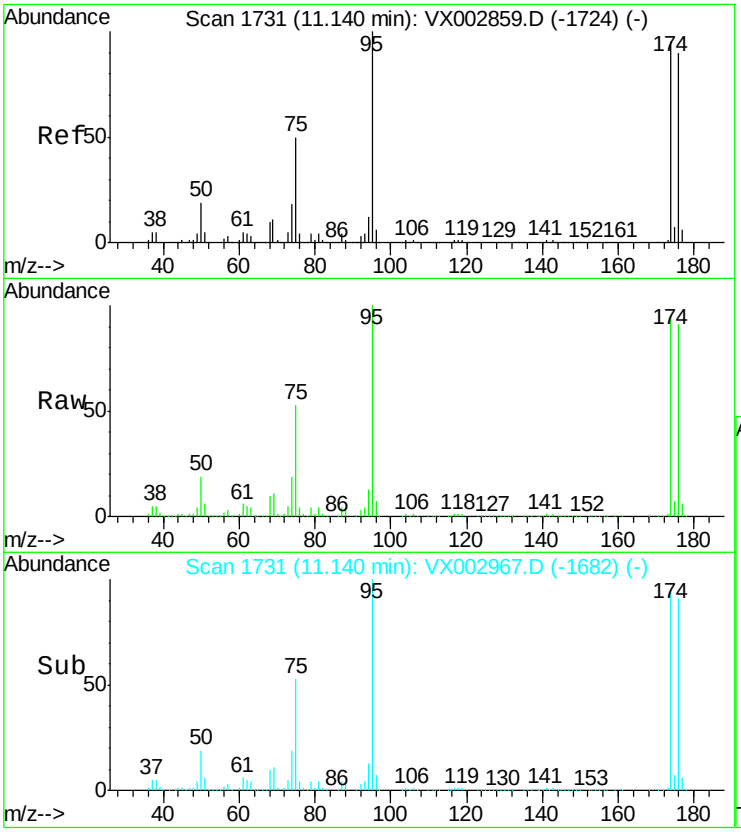




#50
Toluene-d8
Concen: 48.75 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 98 Resp: 543365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.3 | 50.9 | 76.3 |



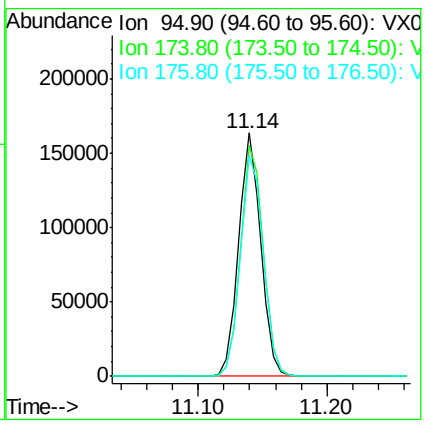


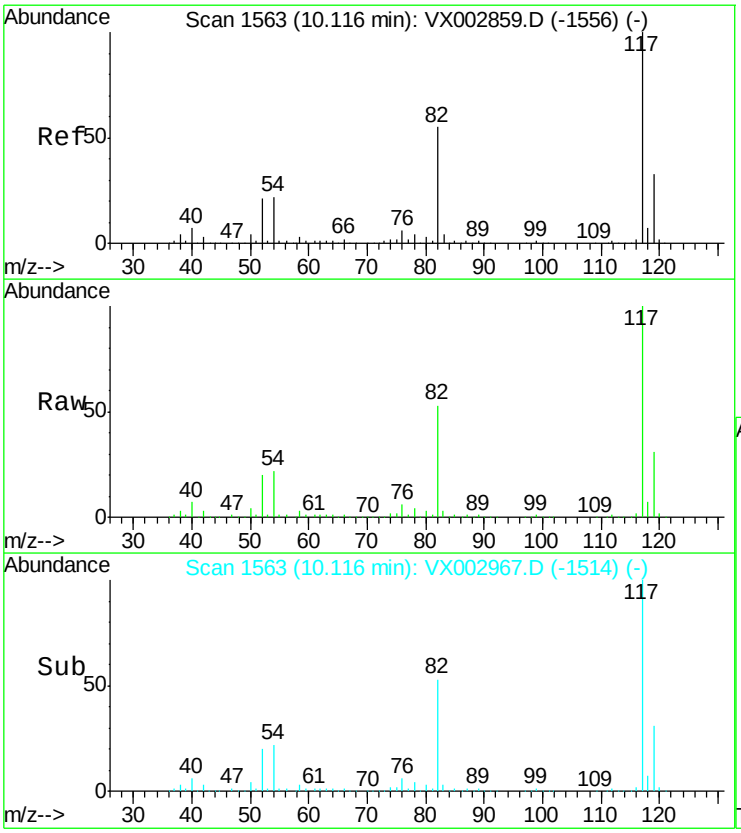

#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
W-29

Tgt Ion: 95 Resp: 194337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 97.2 | 0.0 | 187.4 |
| 176 | 93.7 | 0.0 | 181.0 |

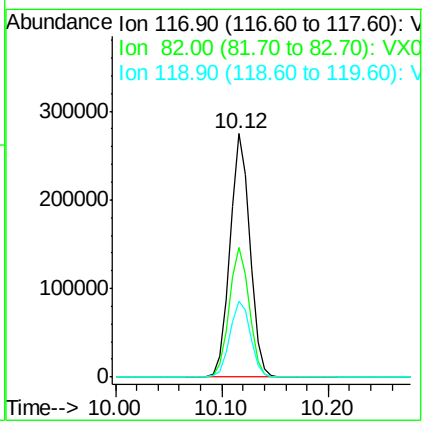


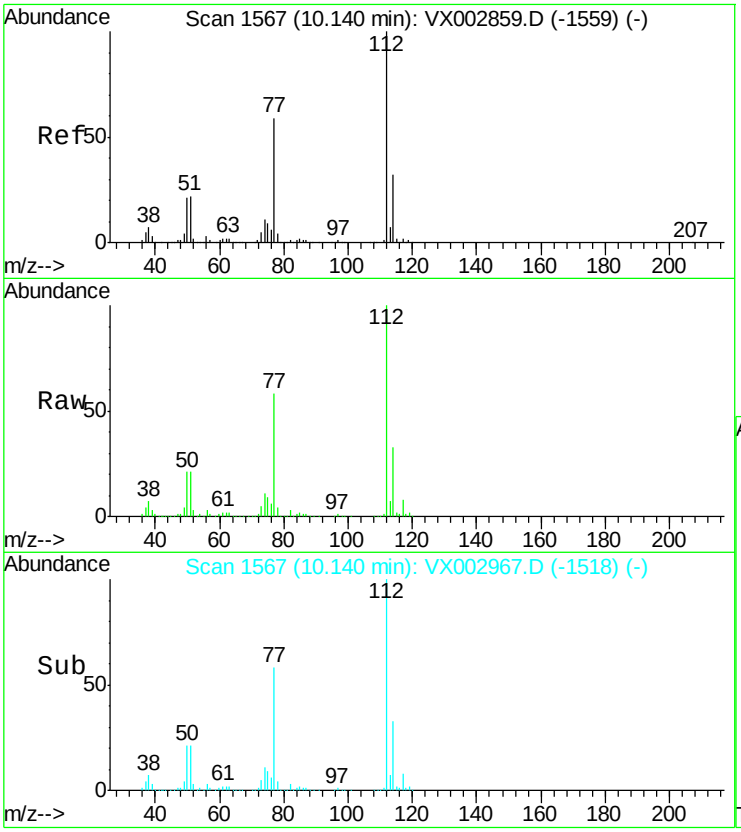




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion:117 Resp: 361203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.0 | 45.0 | 67.4 |
| 119 | 31.4 | 25.8 | 38.6 |



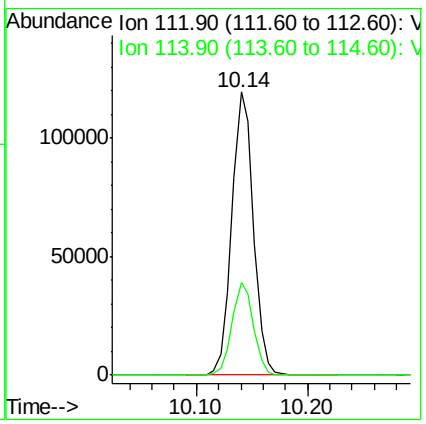


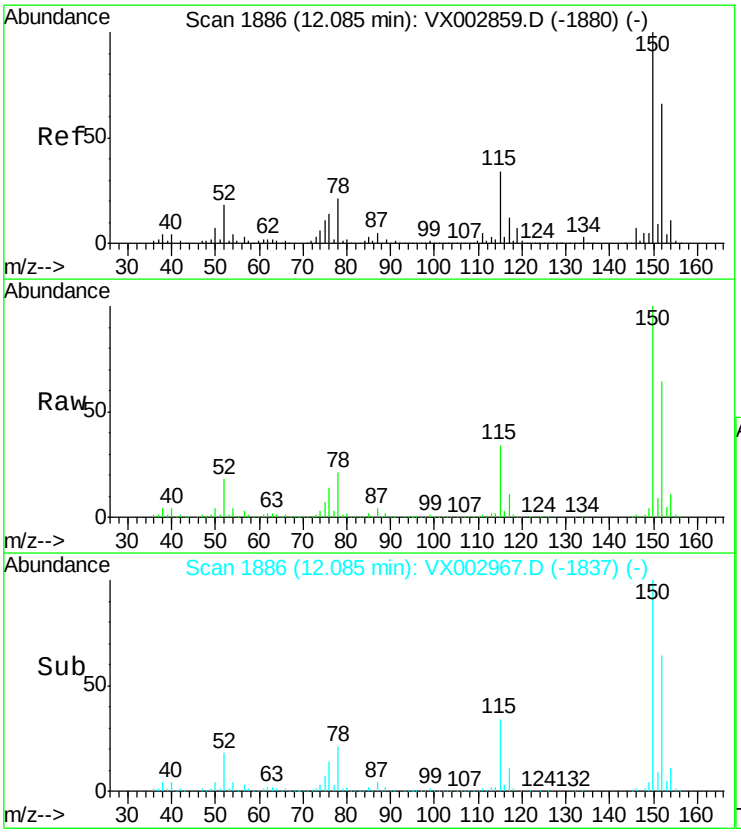

#65
Chlorobenzene
Concen: 17.40 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
W-29

Tgt Ion:112 Resp: 159628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.6 | 25.3 | 37.9 |

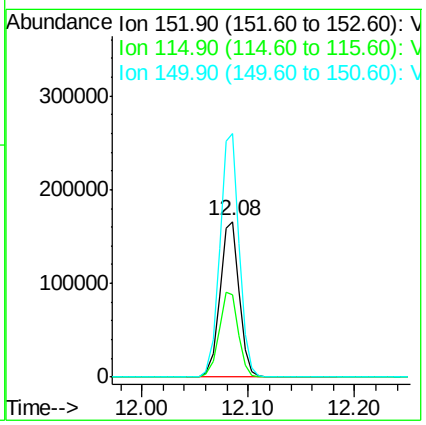


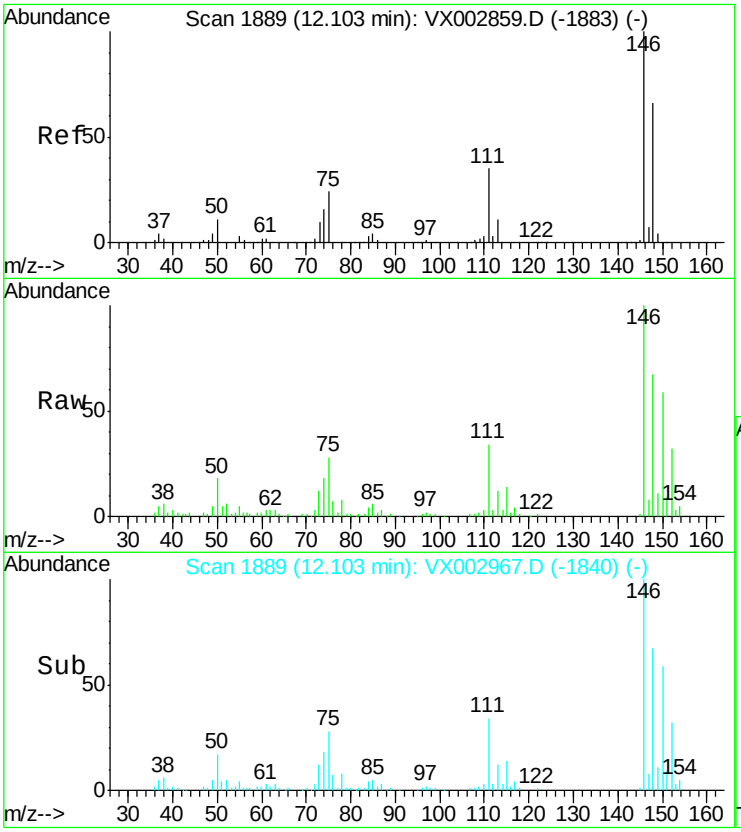




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion:152 Resp: 209195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.6 | 40.1 | 120.2 |
| 150 | 157.4 | 0.0 | 347.2 |






#88
1,4-Dichlorobenzene
Concen: 2.93 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
W-29

Tgt Ion:146 Resp: 22043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 47.6 | 18.7 | 56.1 |
| 148 | 69.6 | 32.4 | 97.0 |