Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
Data File : VX009223.D
Acq On : 29 Apr 2019 21:26
Operator : JC/SP
Sample : K2594-19 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** WP021MW347-190425

Quant Time: Apr 30 09:55:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 211389 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 342624 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 300825 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 129743 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 138744 | 48.08 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.16% | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 102751 | 47.71 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.42% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 428553 | 49.28 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.56% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 145677 | 46.10 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Vinyl Chloride | 1.40 | 62 | 29643 | 11.430 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 1767 | 0.891 | ug/l # | 87 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 1948 | 0.906 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 237603 | 92.542 | ug/l | 89 |
| 44) Trichloroethene | 7.21 | 130 | 55771 | 23.411 | ug/l | 93 |
| 65) Chlorobenzene | 10.14 | 112 | 8088 | 1.344 | ug/l | 98 |

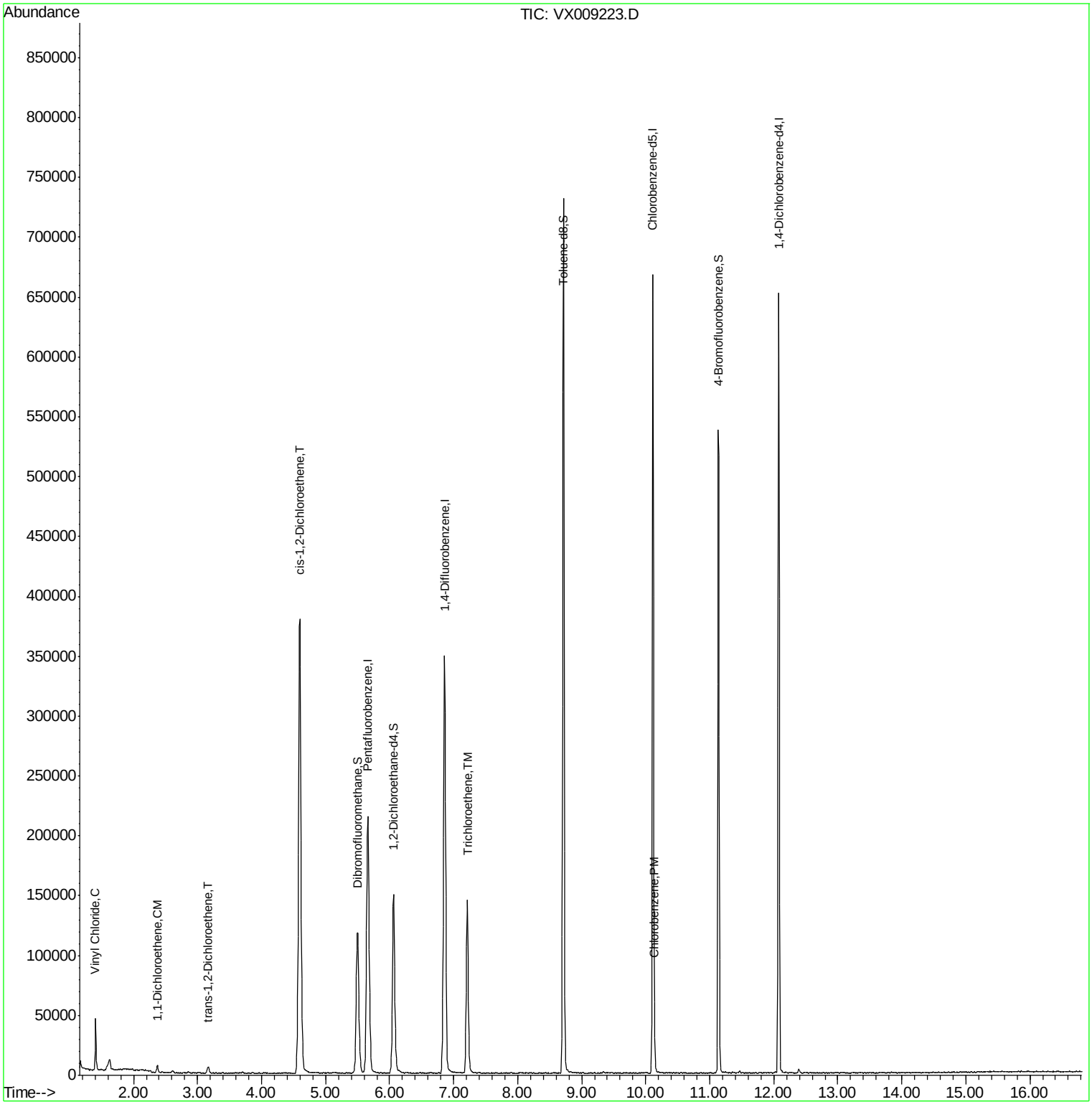
(#) = qualifier out of range (m) = manual integration (+) = signals summed

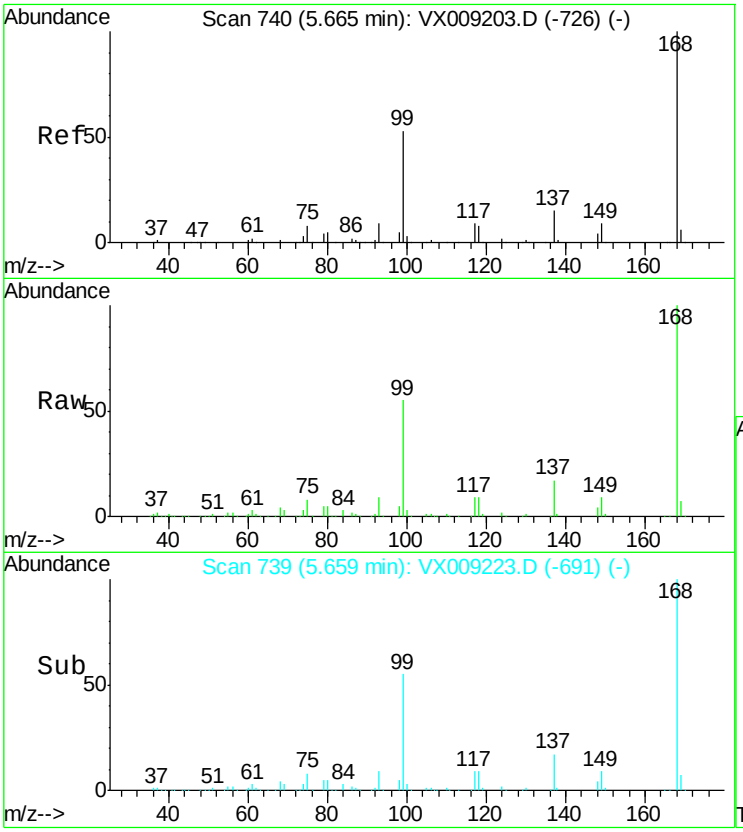
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
Data File : VX009223.D
Acq On : 29 Apr 2019 21:26
Operator : JC/SP
Sample : K2594-19 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** WP021MW347-190425

Quant Time: Apr 30 09:55:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration



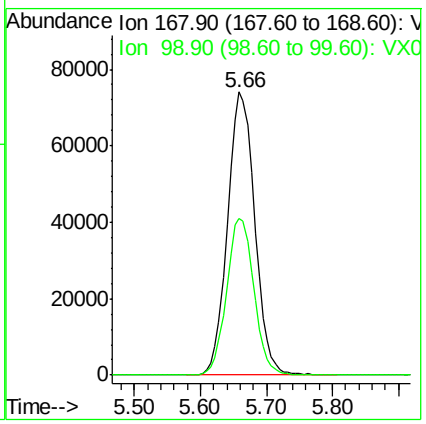


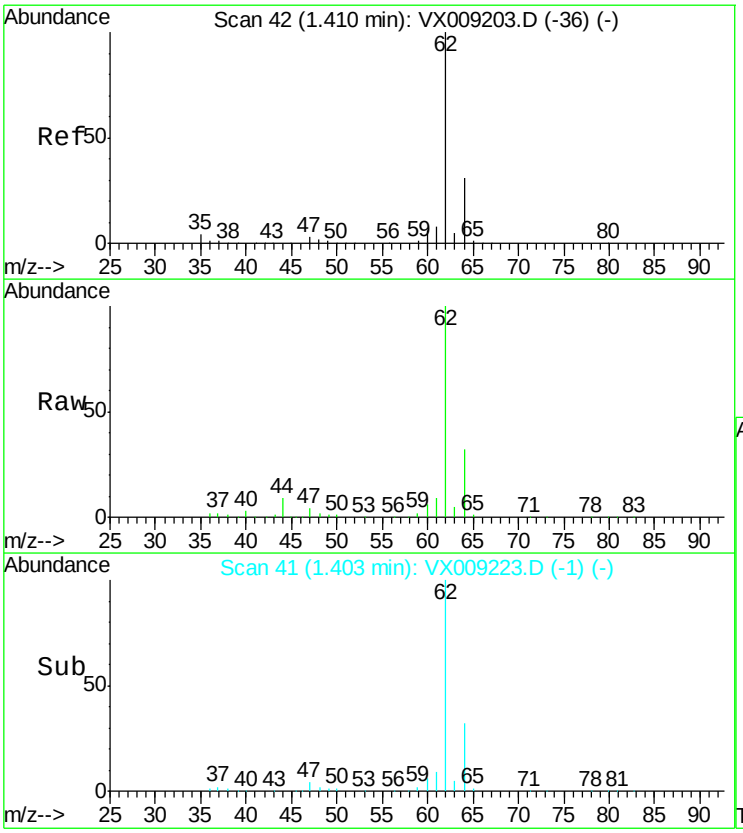

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
WP021MW347-190425

Tgt Ion:168 Resp: 211389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.2 | 42.3 | 63.5 |

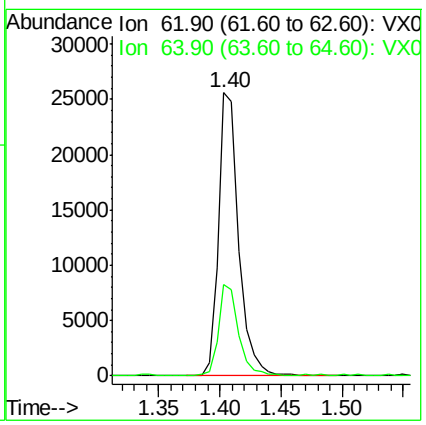


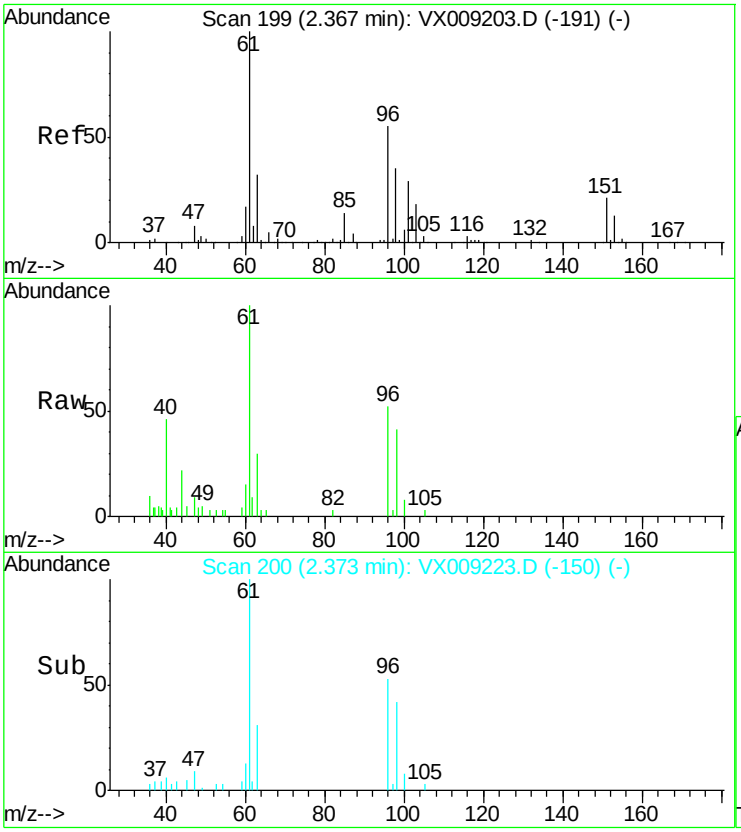




#4
Vinyl Chloride
Concen: 11.430 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 62 Resp: 29643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.0 | 24.6 | 36.8 |



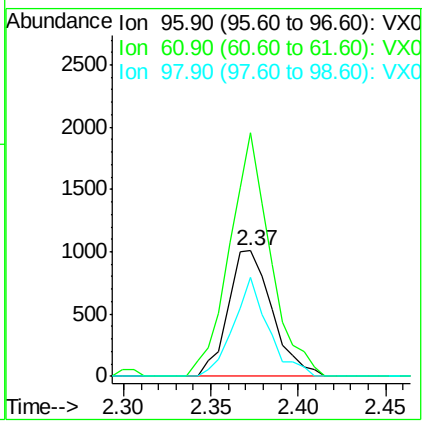


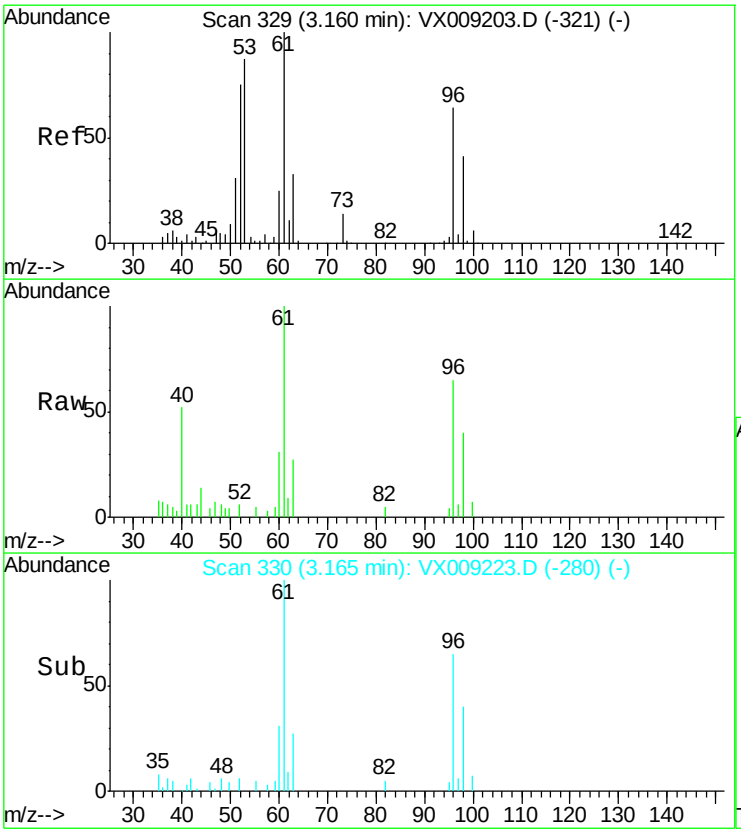

#12
1,1-Dichloroethene
Concen: 0.891 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
WP021MW347-190425

Tgt Ion: 96 Resp: 1767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 194.0 | 144.3 | 216.5 |
| 98 | 79.1 | 50.3 | 75.5# |

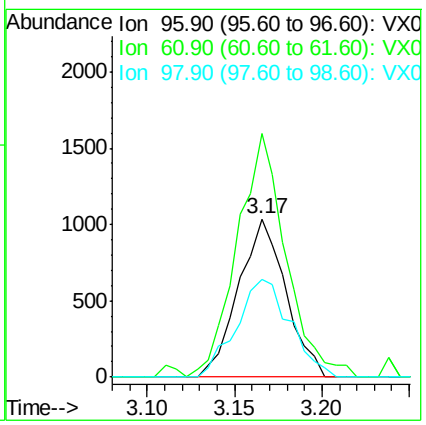


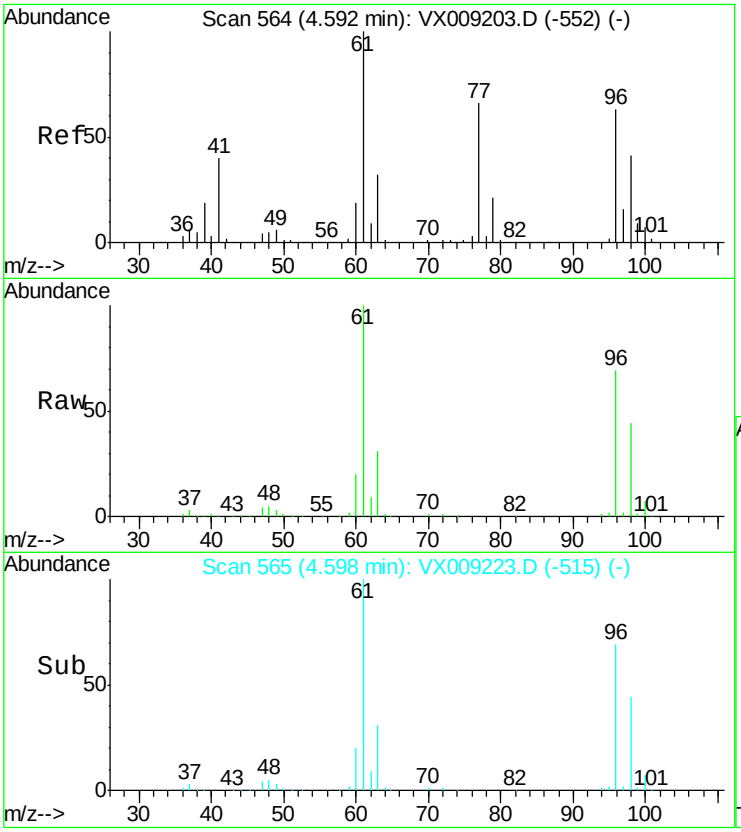




#21
trans-1,2-Dichloroethene
Concen: 0.906 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 96 Resp: 1948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 153.8 | 124.5 | 186.7 |
| 98 | 61.5 | 50.4 | 75.6 |



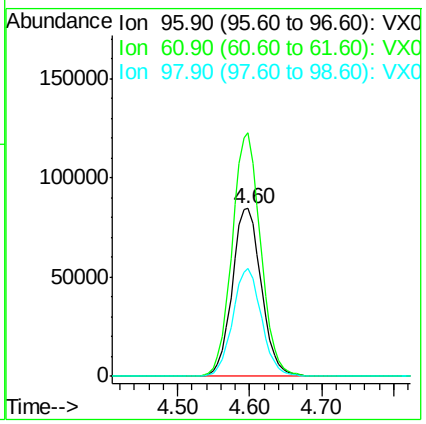


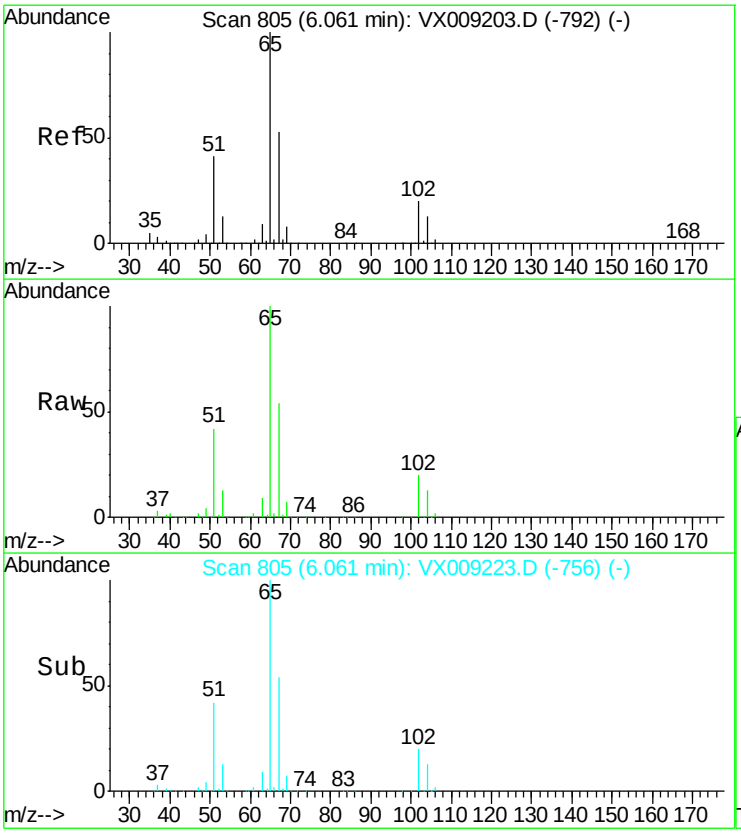

#27
cis-1,2-Dichloroethene
Concen: 92.542 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
WP021MW347-190425

Tgt Ion: 96 Resp: 237603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.4 | 0.0 | 324.0 |
| 98 | 63.3 | 0.0 | 130.4 |

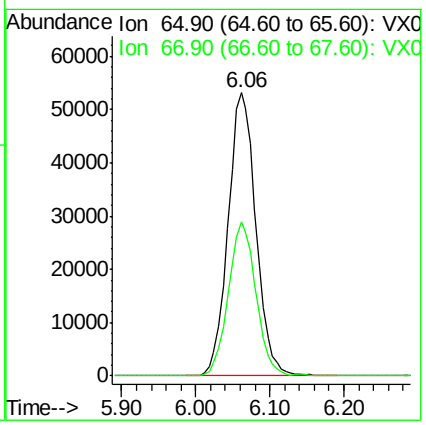


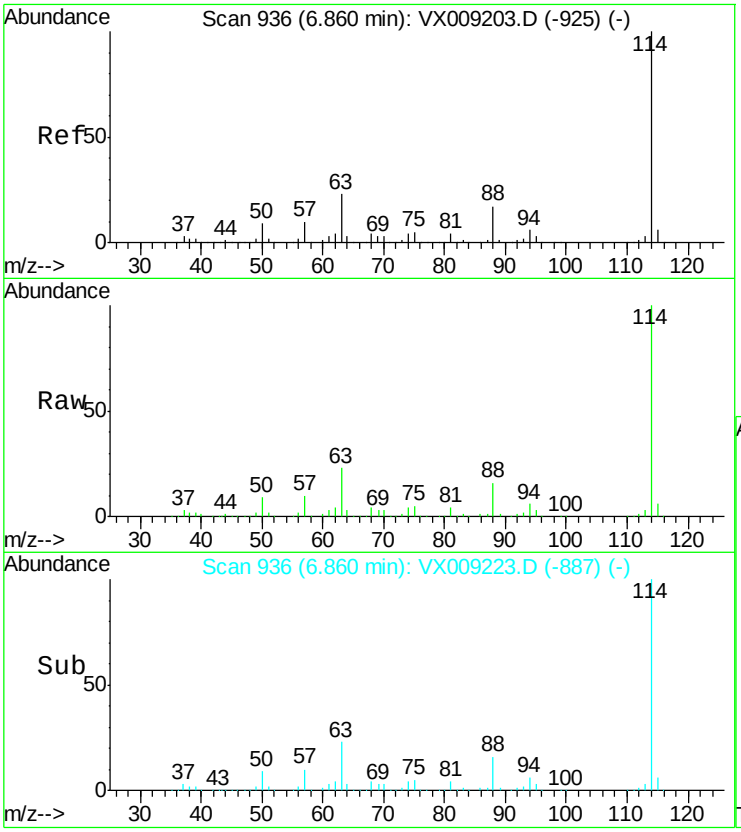




#33
1,2-Dichloroethane-d4
Concen: 48.080 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 65 Resp: 138744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.8 | 0.0 | 106.6 |



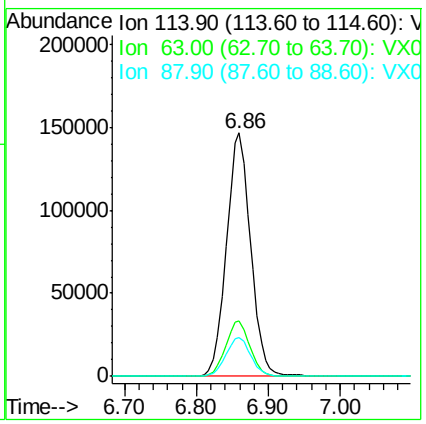


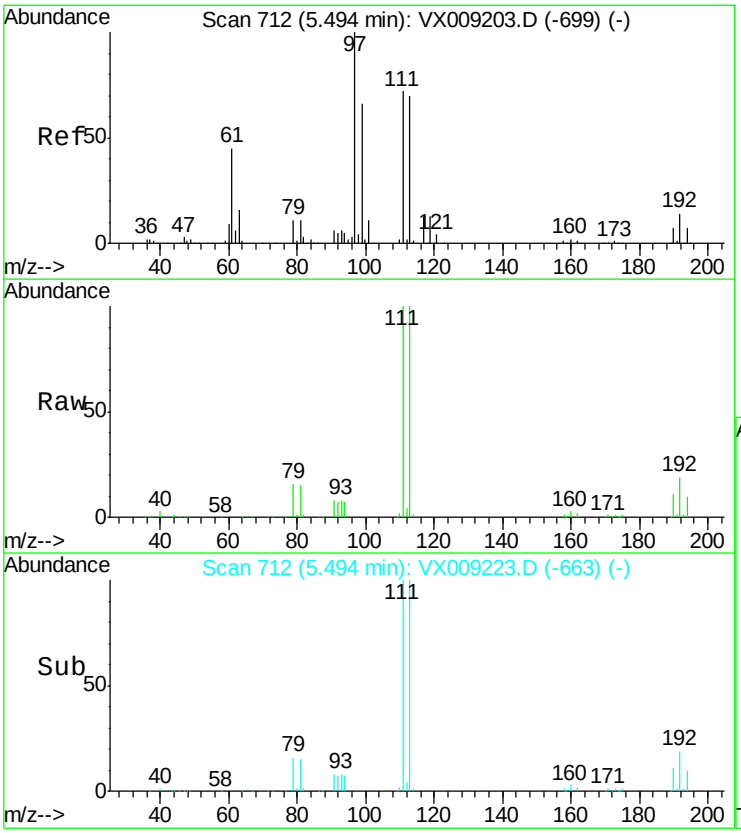

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
WP021MW347-190425

Tgt Ion:114 Resp: 342624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.9 | 0.0 | 45.6 |
| 88 | 15.9 | 0.0 | 33.2 |

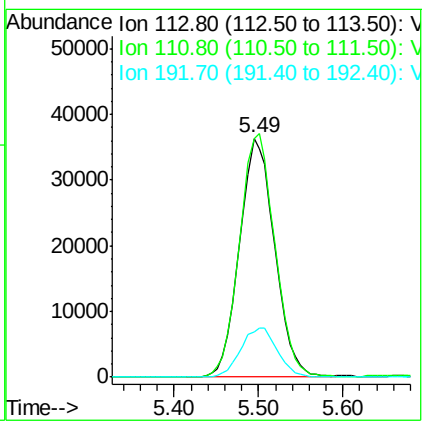


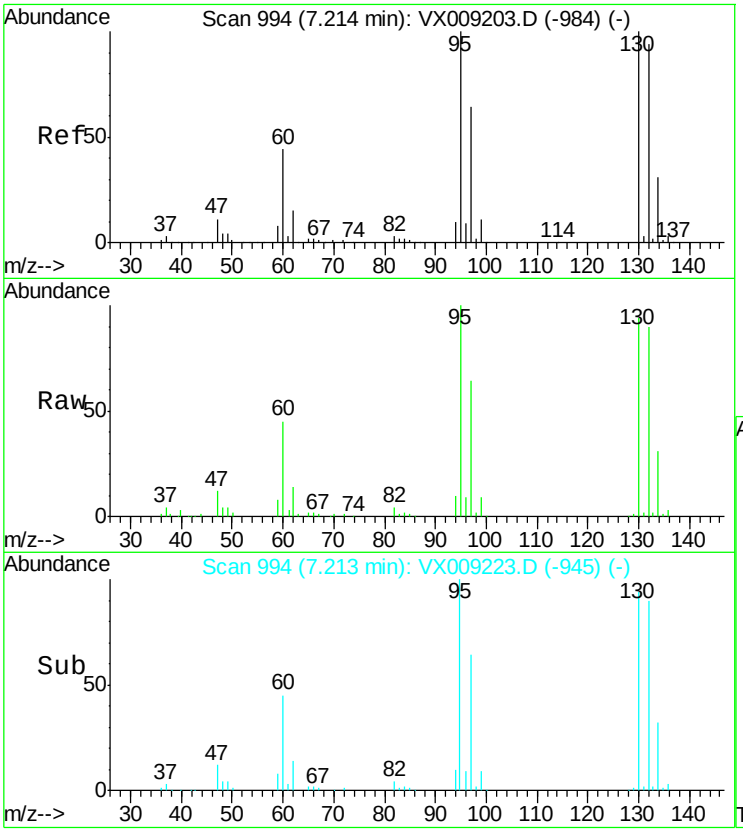




#35
Dibromofluoromethane
Concen: 47.705 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion:113 Resp: 102751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.7 | 82.8 | 124.2 |
| 192 | 21.6 | 17.0 | 25.6 |



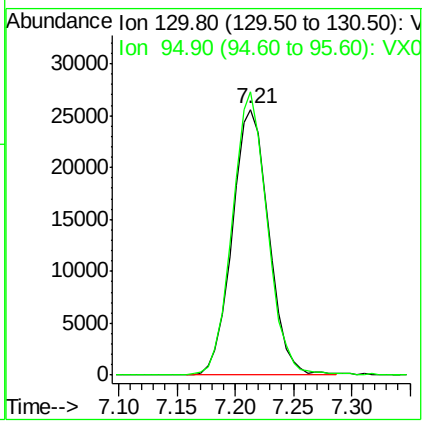


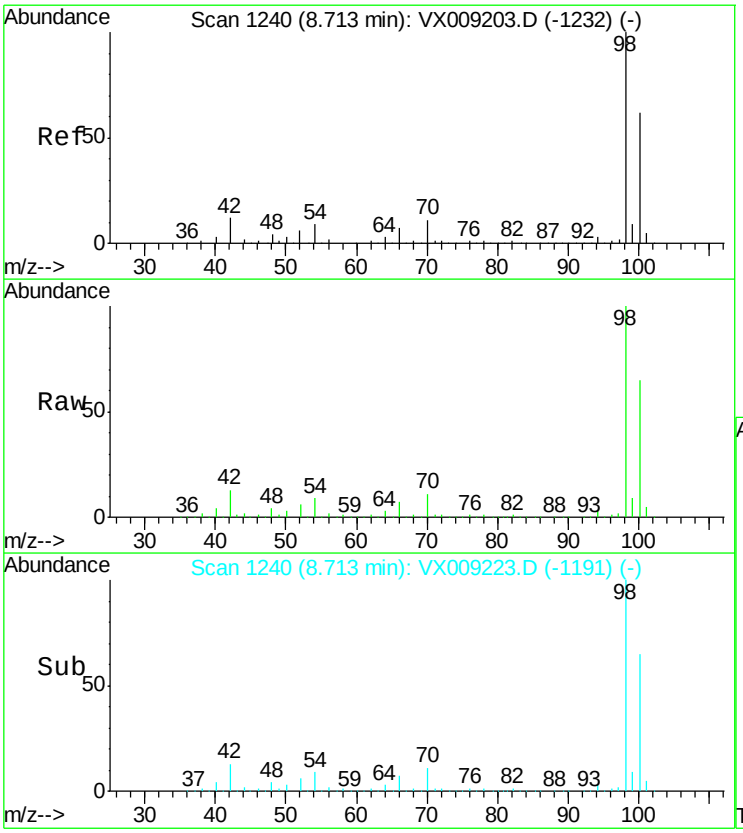

#44
Trichloroethene
Concen: 23.411 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
WP021MW347-190425

Tgt Ion:130 Resp: 55771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 106.4 | 0.0 | 199.2 |

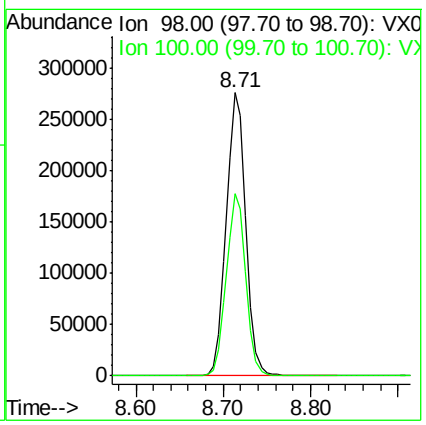


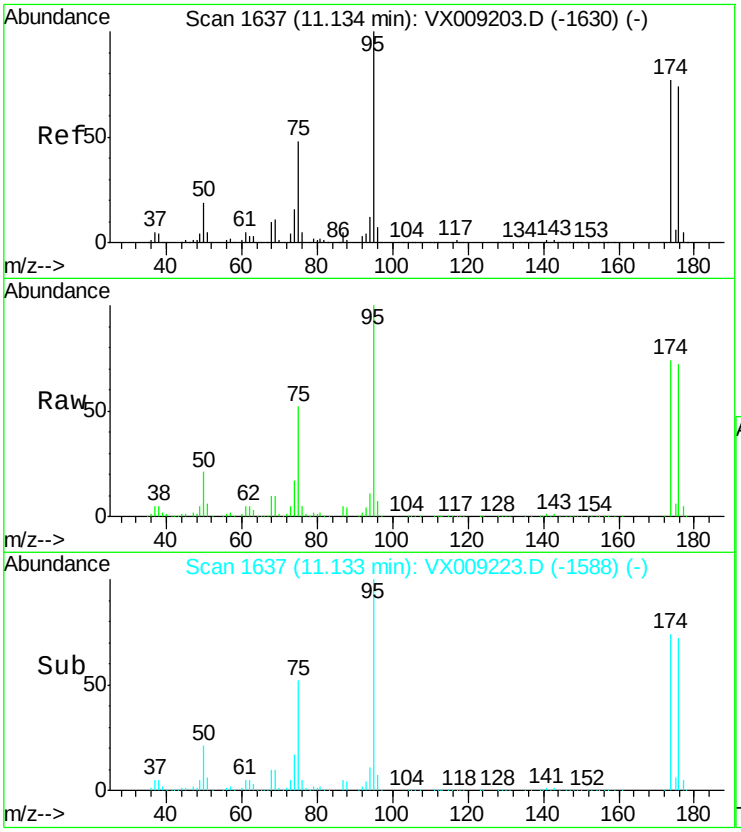




#50
Toluene-d8
Concen: 49.283 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 98 Resp: 428553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.1 | 51.2 | 76.8 |



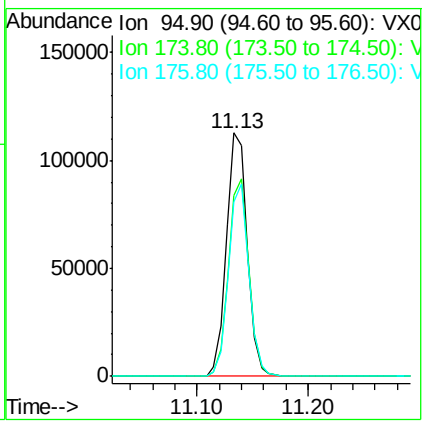


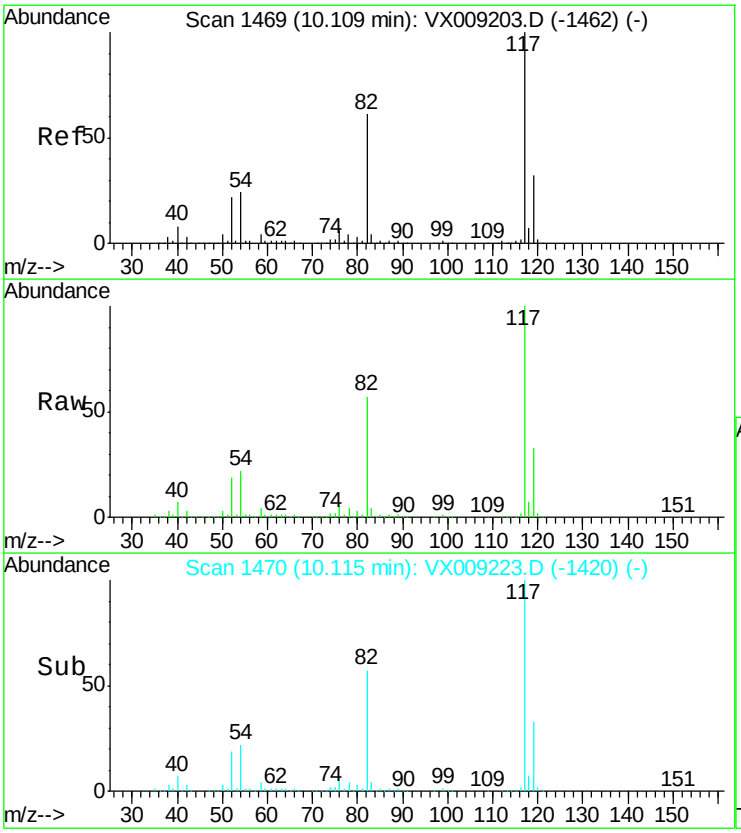

#62
4-Bromofluorobenzene
Concen: 46.105 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
WP021MW347-190425

Tgt Ion: 95 Resp: 145677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 79.6 | 0.0 | 161.6 |
| 176 | 77.3 | 0.0 | 159.2 |

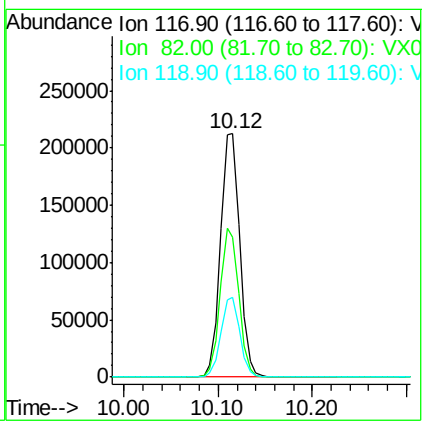


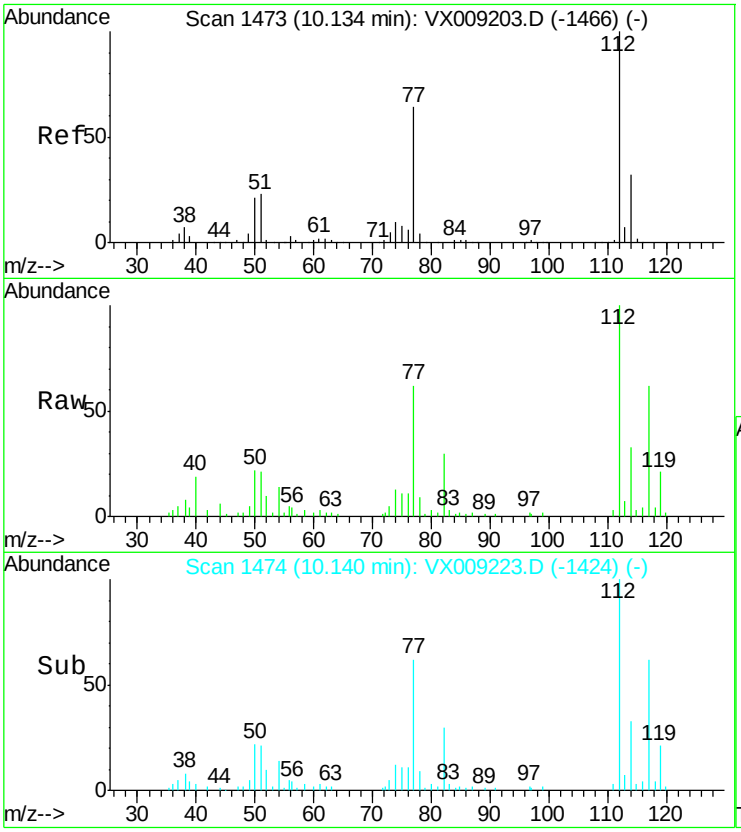




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion:117 Resp: 300825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.3 | 48.8 | 73.2 |
| 119 | 32.7 | 25.8 | 38.6 |



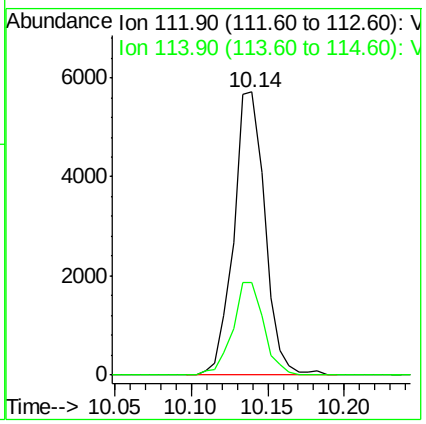


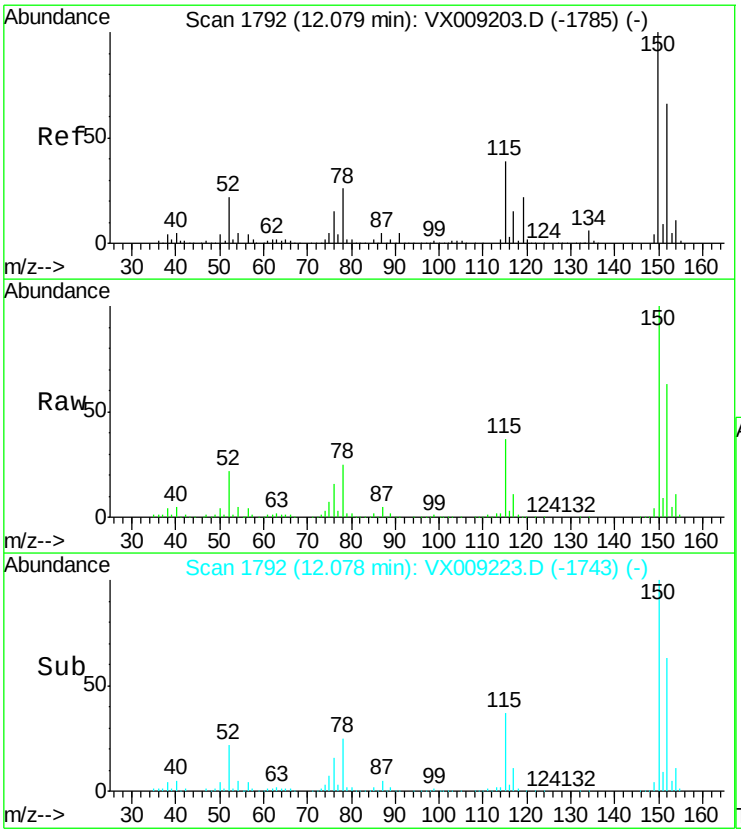

#65
Chlorobenzene
Concen: 1.344 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

**Instrument :**
MSVOA_X
**ClientSampleId :**
WP021MW347-190425

Tgt Ion:112 Resp: 8088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 33.0 | 25.5 | 38.3 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion:152 Resp: 129743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.6 | 41.2 | 123.6 |
| 150 | 158.2 | 0.0 | 346.4 |