Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061119\
Data File : VX010228.D
Acq On : 11 Jun 2019 13:32
Operator : JC/SP
Sample : K3279-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** BPS1-TT-MW302I2-20190607

Quant Time: Jun 12 07:48:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 240211 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 360927 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 321932 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 149730 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 107598 | 45.89 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.78% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 111097 | 49.90 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.80% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 418308 | 50.13 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.26% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 142122 | 45.61 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.22% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.64 | 94 | 296 | 0.380 | ug/l # | 76 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 950 | 0.450 | ug/l # | 81 |
| 11) Tert butyl alcohol | 3.01 | 59 | 1490 | 2.594 | ug/l # | 83 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 779 | 0.361 | ug/l # | 71 |
| 13) Acrolein | 2.30 | 56 | 108 | 1.031 | ug/l # | 67 |
| 16) Acetone | 2.44 | 43 | 2794 | 2.533 | ug/l # | 70 |
| 24) 1,1-Dichloroethane | 3.69 | 63 | 851 | 0.225 | ug/l # | 85 |
| 31) Cyclohexane | 5.66 | 56 | 3746 | 1.098 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.67 | 75 | 14018 | 4.761 | ug/l # | 52 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 20322 | 6.097 | ug/l # | 16 |
| 44) Trichloroethene | 7.21 | 130 | 9924 | 3.616 | ug/l | 88 |
| 49) 1,4-Dioxane | 7.74 | 88 | 67 | 0.981 | ug/l # | 24 |
| 60) Dibromochloromethane | 9.34 | 129 | 807 | 0.278 | ug/l # | 11 |
| 64) Tetrachloroethene | 9.34 | 164 | 881 | 0.368 | ug/l | 90 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 65354 | 21.822 | ug/l # | 34 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 65354 | 48.214 | ug/l # | 10 |

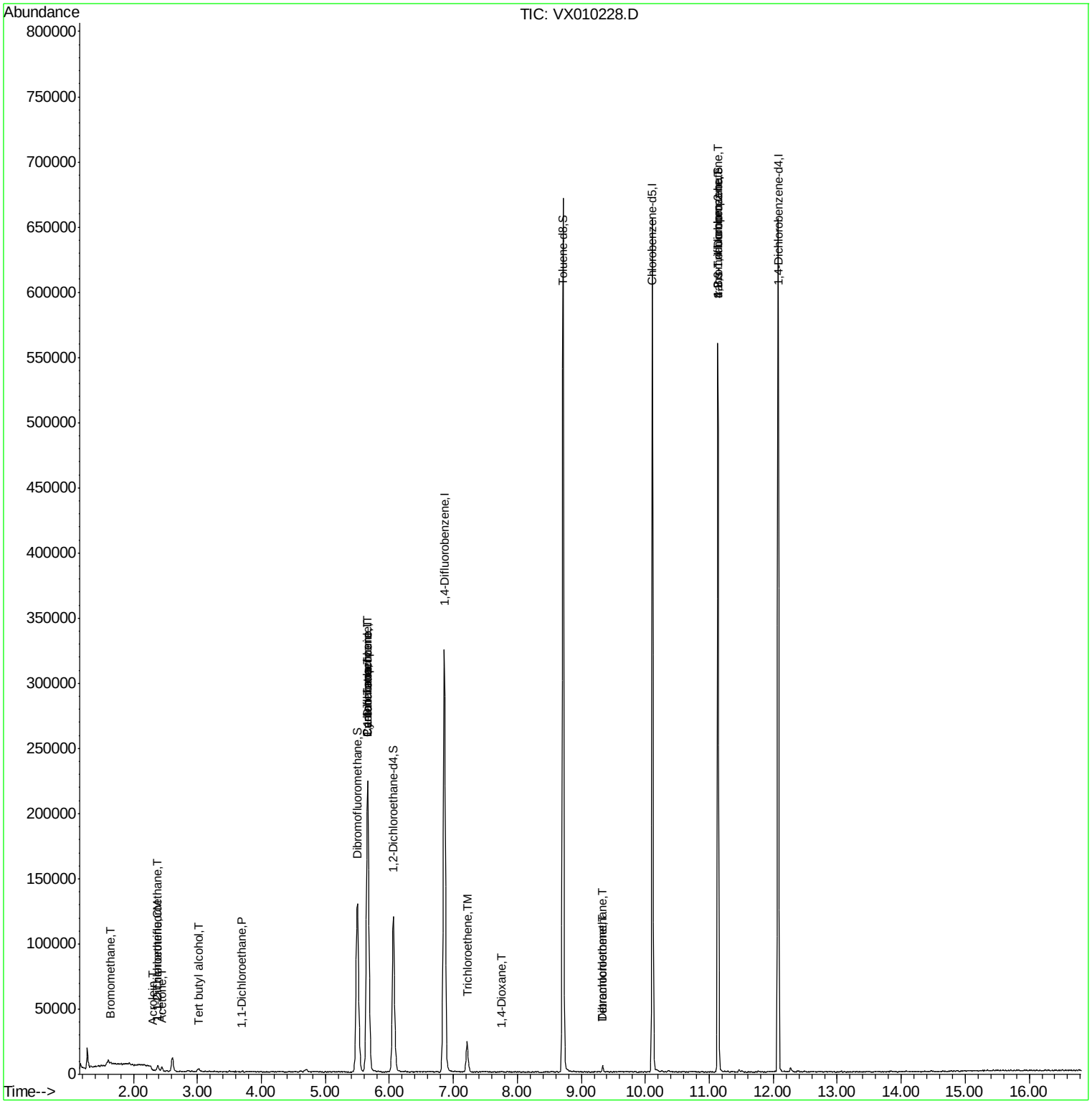
(#) = qualifier out of range (m) = manual integration (+) = signals summed

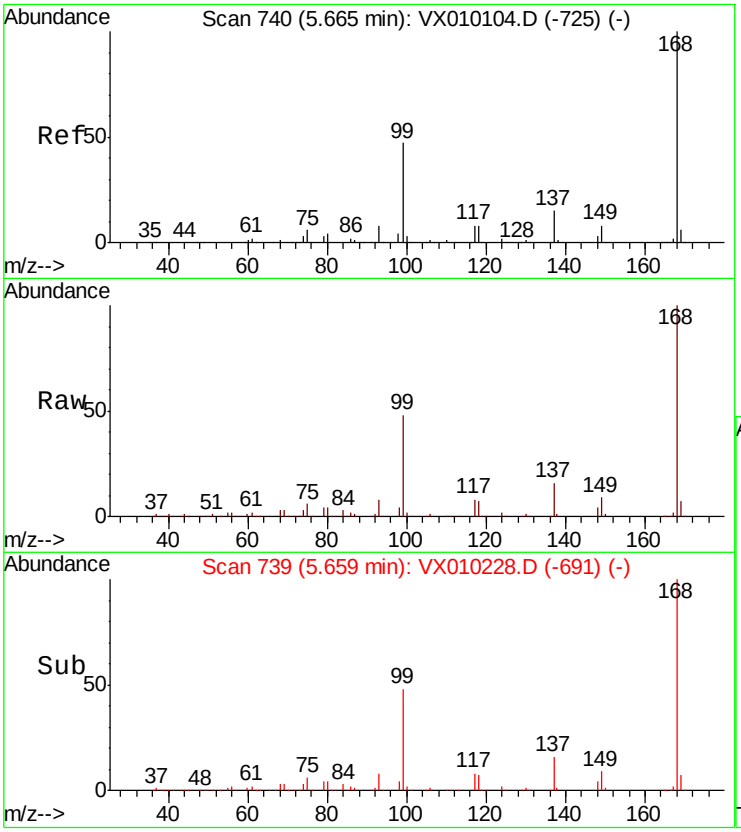
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061119\
Data File : VX010228.D
Acq On : 11 Jun 2019 13:32
Operator : JC/SP
Sample : K3279-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Quant Time: Jun 12 07:48:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration



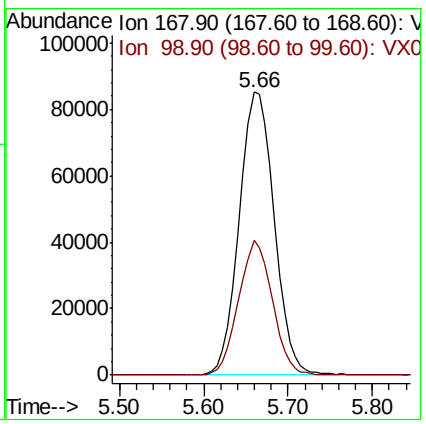


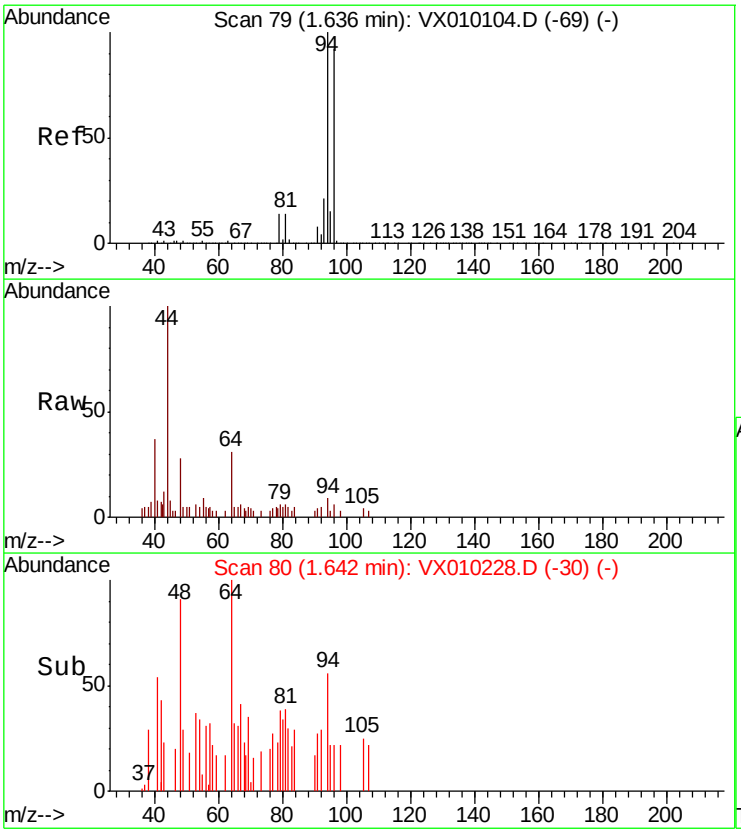

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion:168 Resp: 240211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.7 | 43.0 | 64.6 |

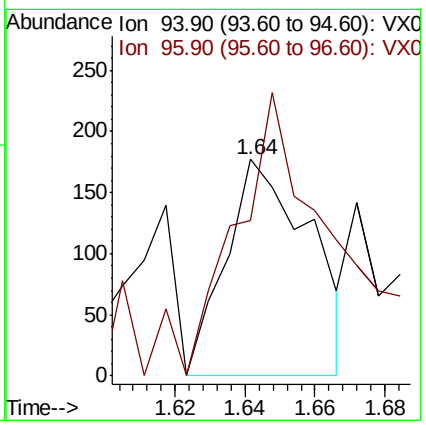


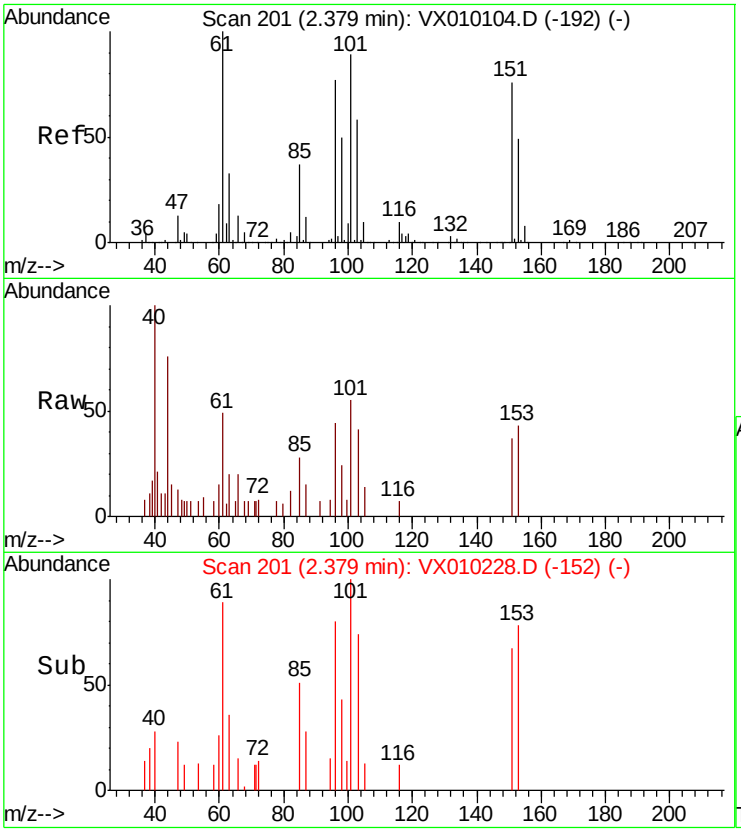




#5
Bromomethane
Concen: 0.380 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion: 94 Resp: 296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 71.8 | 76.2 | 114.4# |



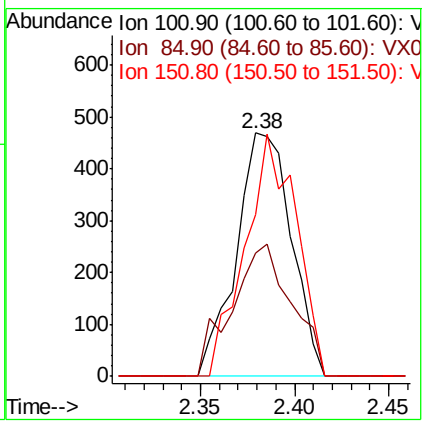


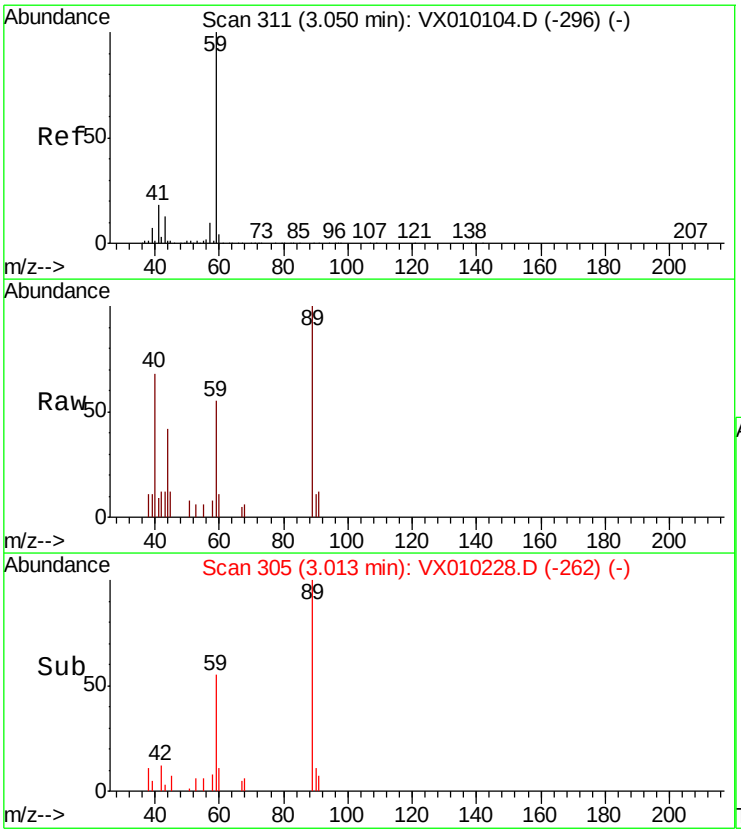

#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.450 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion:101 Resp: 950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 58.9 | 35.2 | 52.8# |
| 151 | 92.1 | 61.9 | 92.9 |

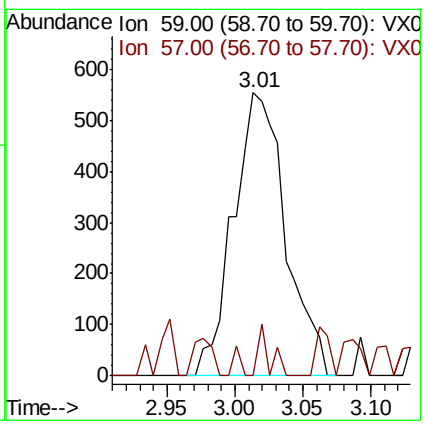


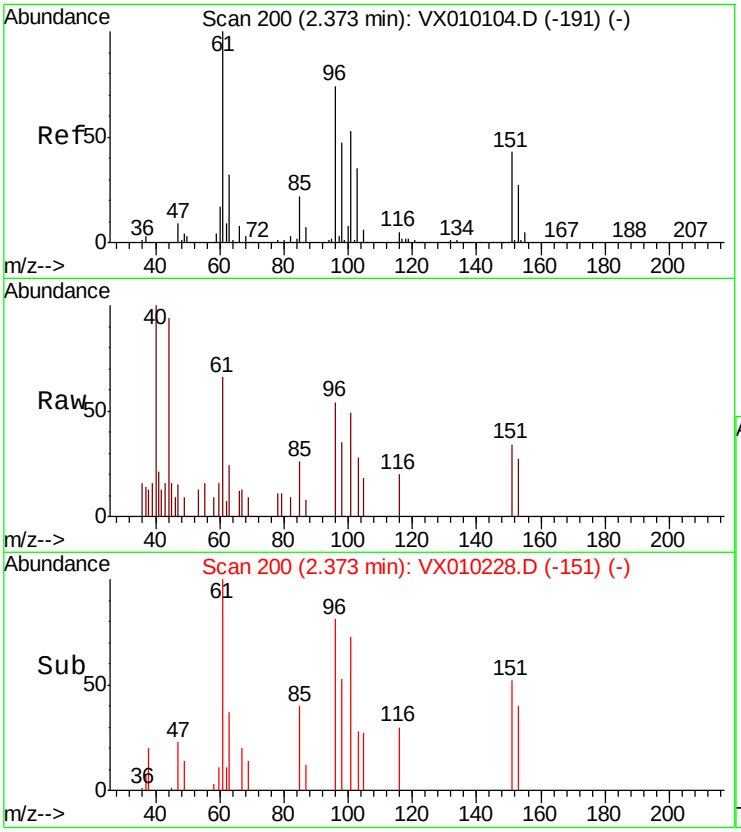




#11
Tert butyl alcohol
Concen: 2.594 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion: 59 Resp: 1490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 3.8 | 8.2 | 12.2# |



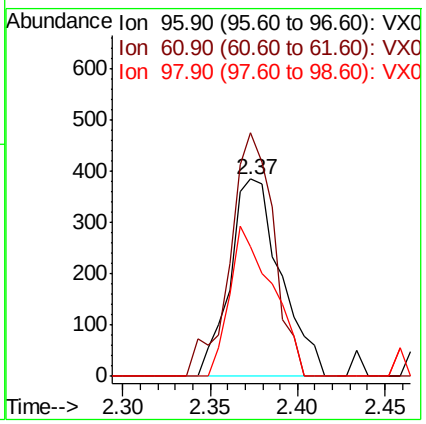


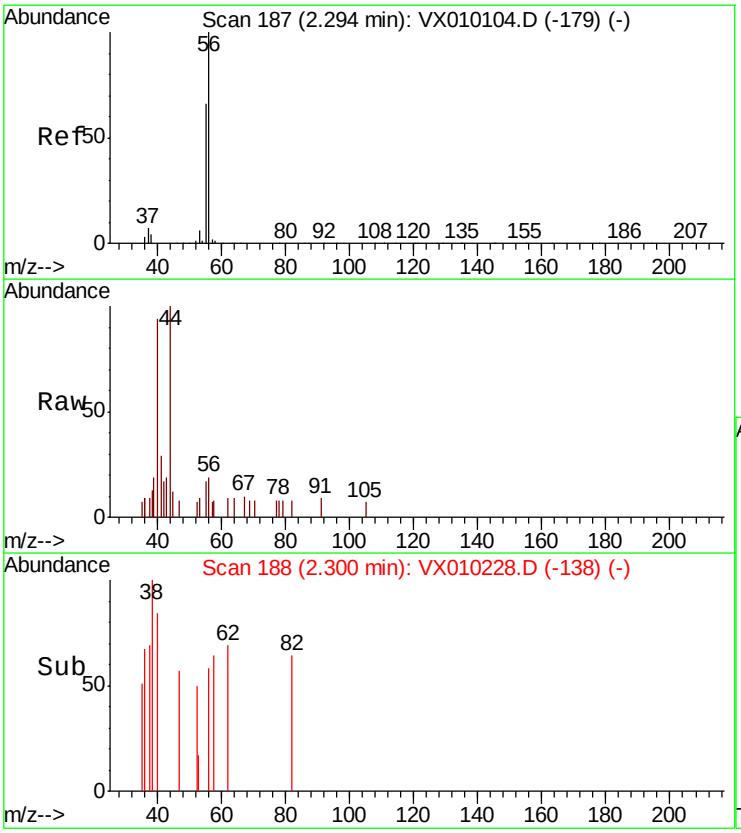

#12
1,1-Dichloroethene
Concen: 0.361 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion: 96 Resp: 779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 123.4 | 140.7 | 211.1# |
| 98 | 65.7 | 50.1 | 75.1 |

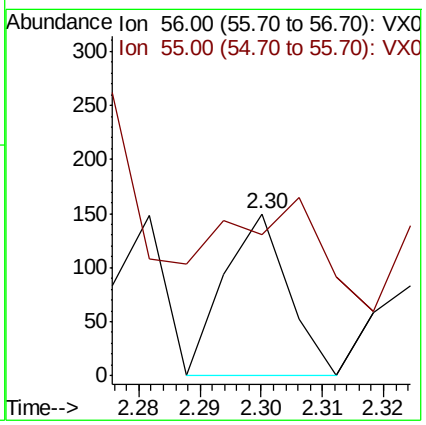


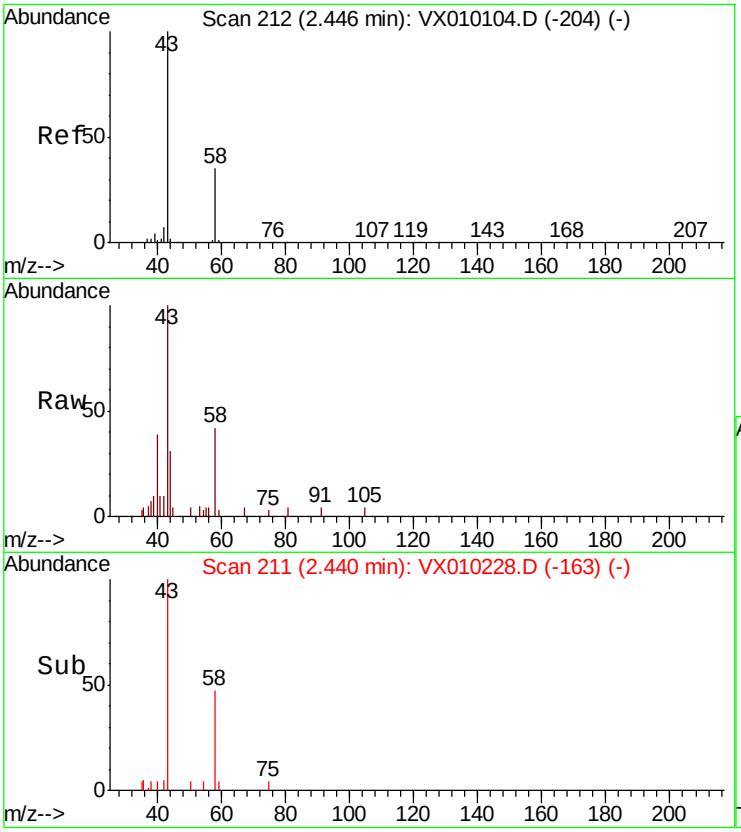




#13
Acrolein
Concen: 1.031 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion: 56 Resp: 108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 98.1 | 57.0 | 85.4# |



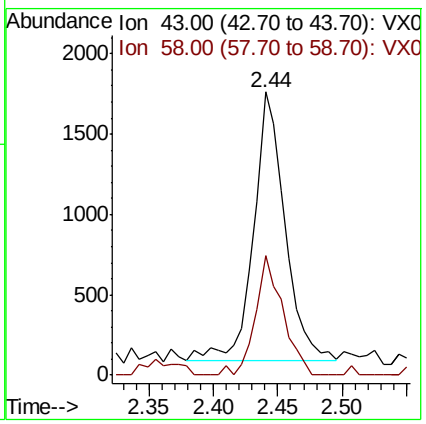


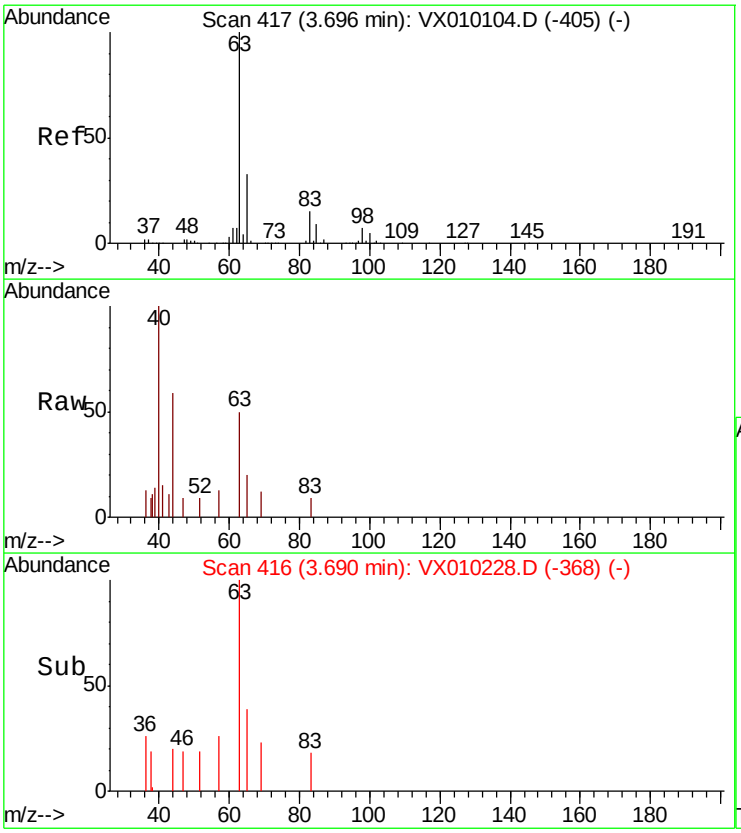

#16
Acetone
Concen: 2.533 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion: 43 Resp: 2794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 44.8 | 23.2 | 34.8# |

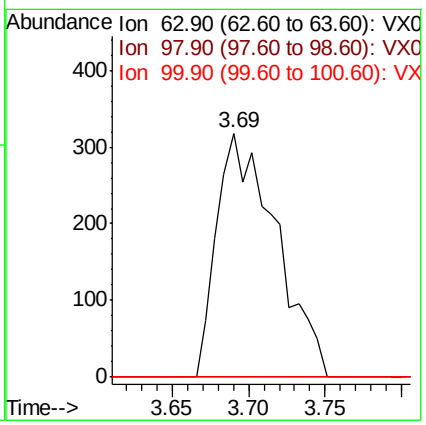


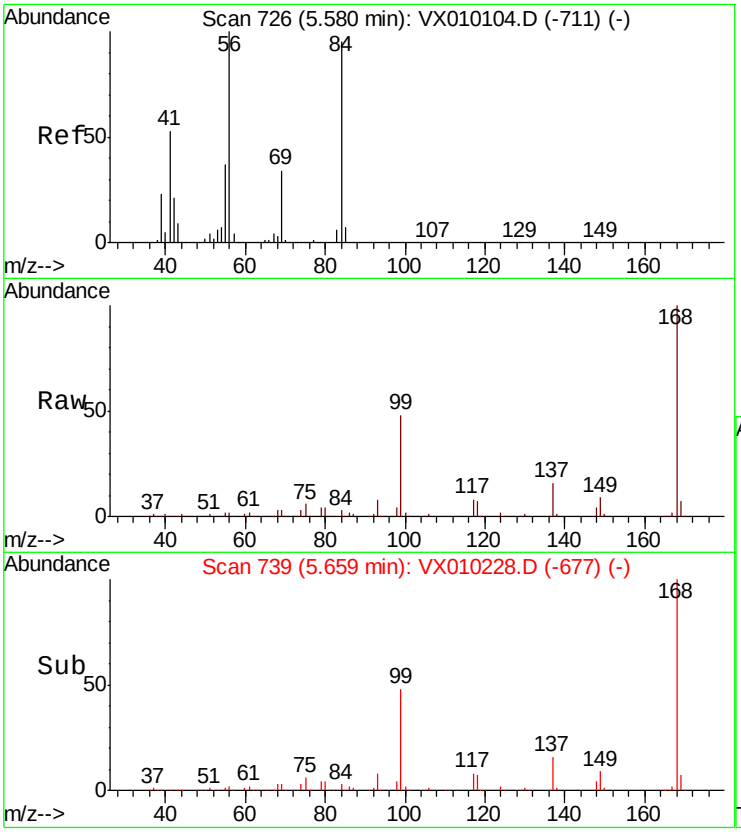




#24
1,1-Dichloroethane
Concen: 0.225 ug/l
RT: 3.69 min Scan# 416
Delta R.T. -0.01 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion: 63 Resp: 851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 0.0 | 2.9 | 8.8# |
| 100 | 0.0 | 1.8 | 5.4# |



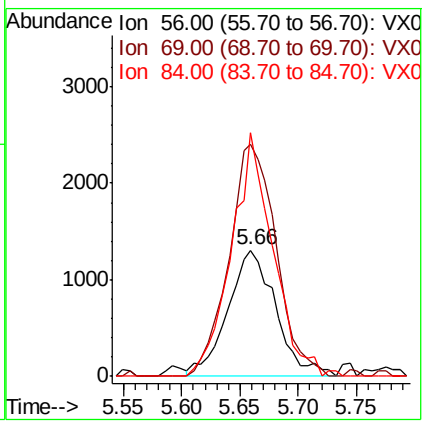


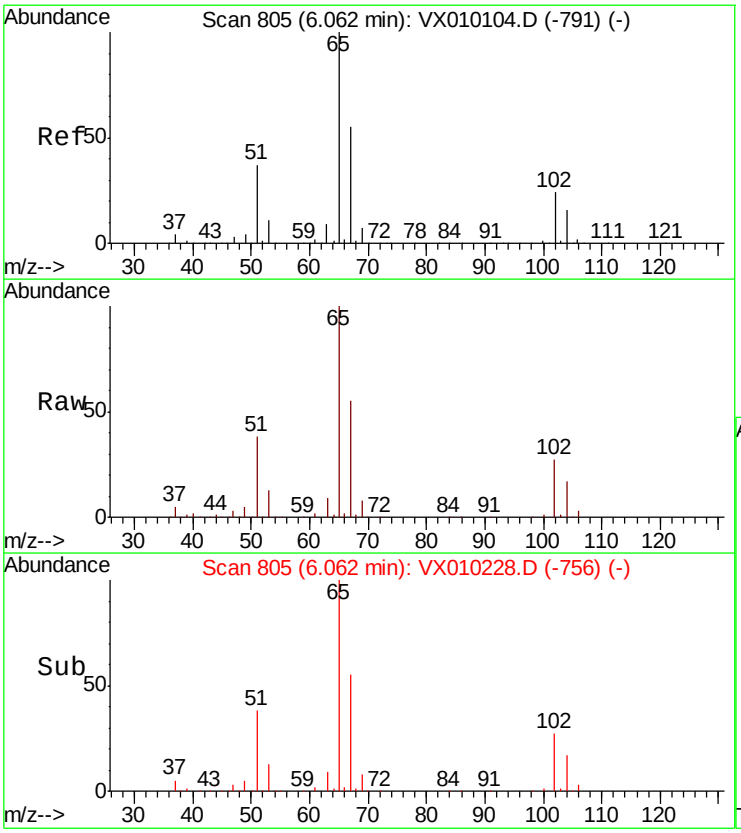

#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion: 56 Resp: 3746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 183.9 | 21.6 | 32.4# |
| 84 | 192.7 | 56.8 | 85.2# |

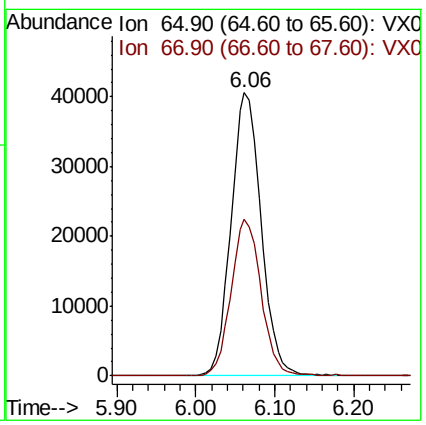


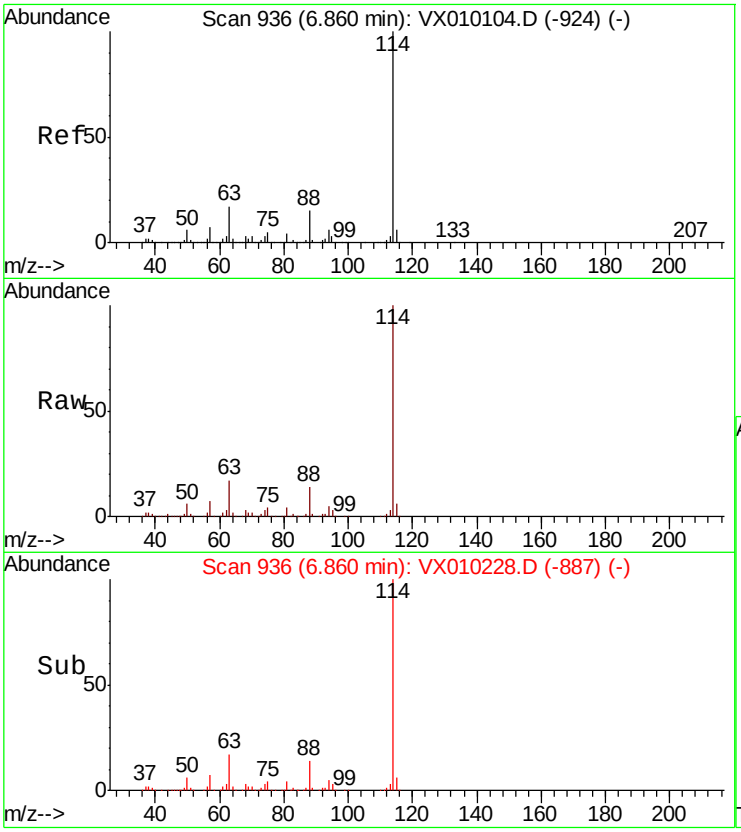




#33
1,2-Dichloroethane-d4
Concen: 45.889 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion: 65 Resp: 107598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.3 | 0.0 | 108.4 |



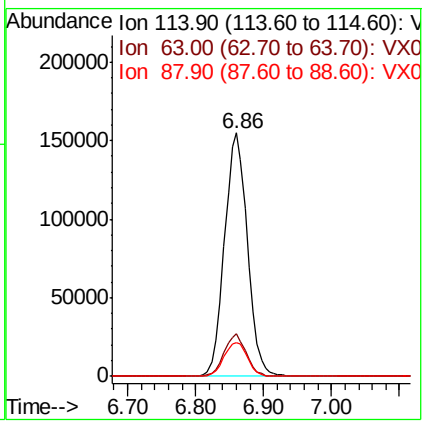


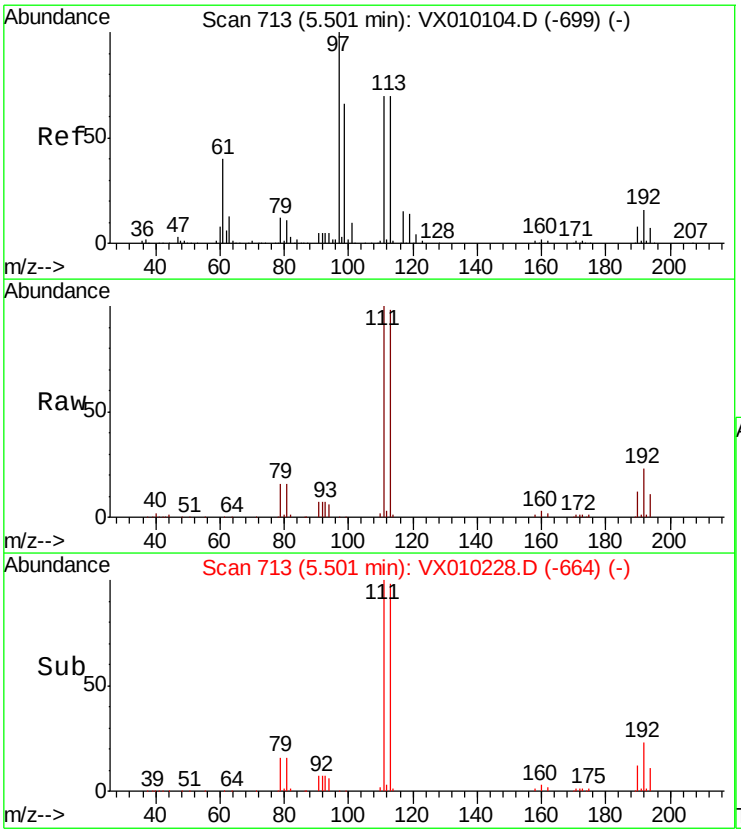

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion:114 Resp: 360927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.3 | 0.0 | 47.4 |
| 88 | 14.1 | 0.0 | 33.0 |

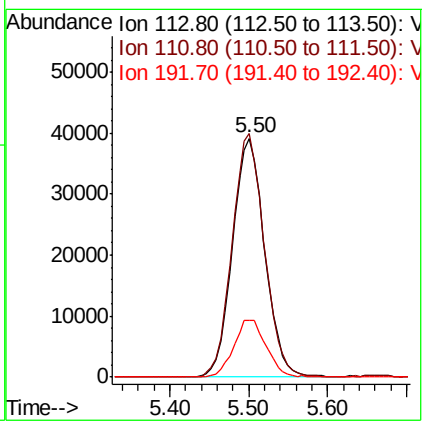


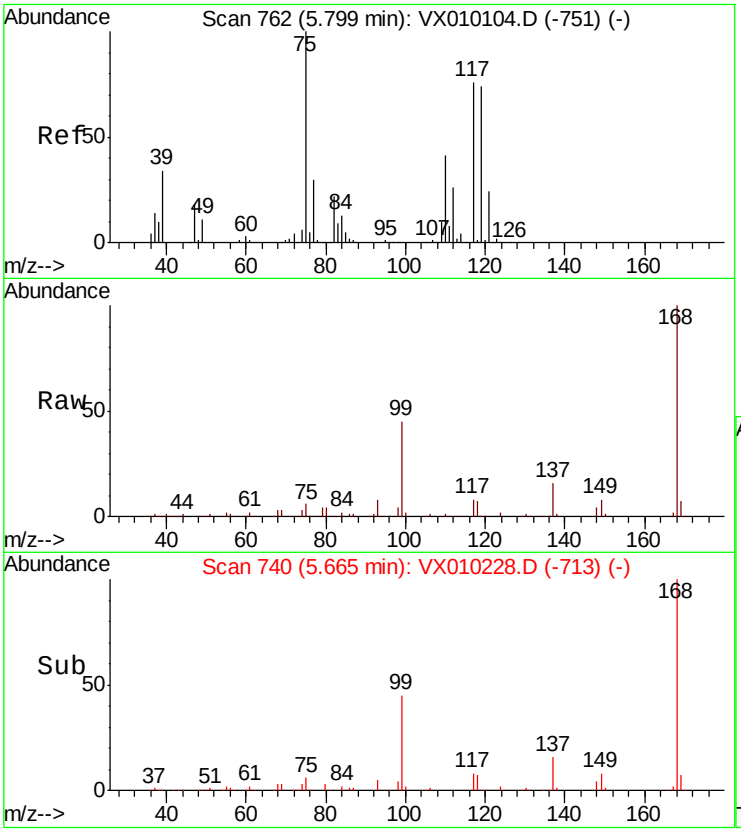




#35
Dibromofluoromethane
Concen: 49.902 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion:113 Resp: 111097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.1 | 82.2 | 123.2 |
| 192 | 24.0 | 17.1 | 25.7 |



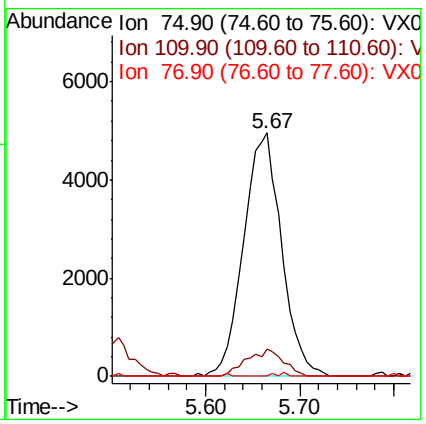


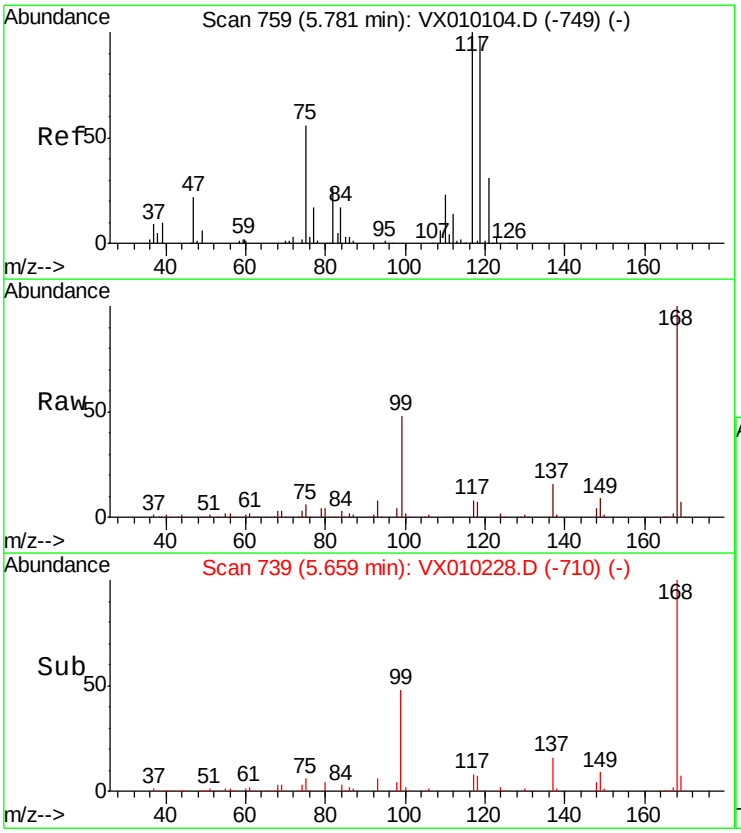

#36
1,1-Dichloropropene
Concen: 4.761 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion: 75 Resp: 14018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.7 | 16.7 | 50.1# |
| 77 | 0.2 | 25.0 | 37.4# |

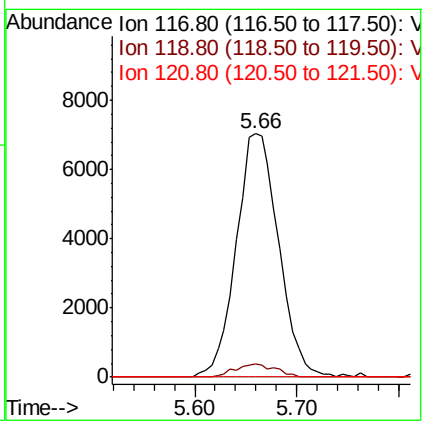


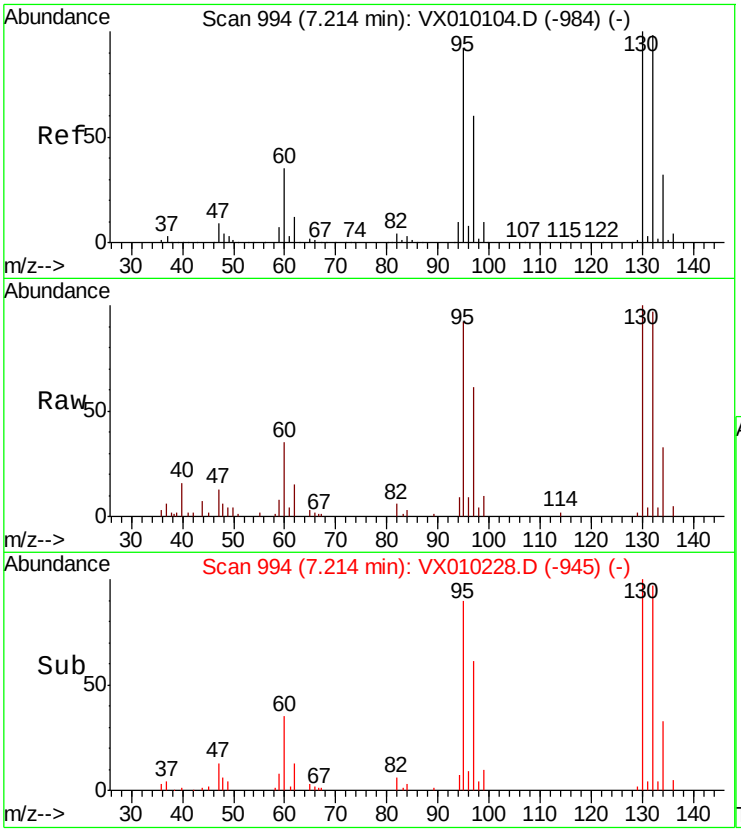




#38
Carbon Tetrachloride
Concen: 6.097 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion:117 Resp: 20322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.4 | 77.3 | 115.9# |
| 121 | 0.0 | 25.4 | 38.0# |



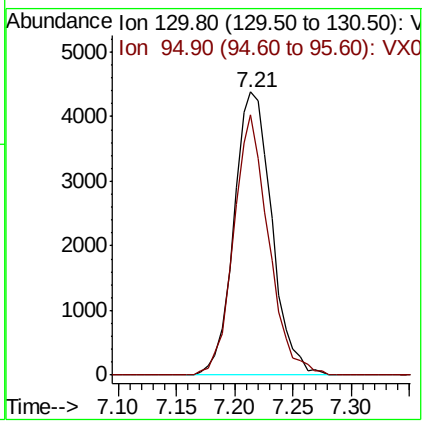


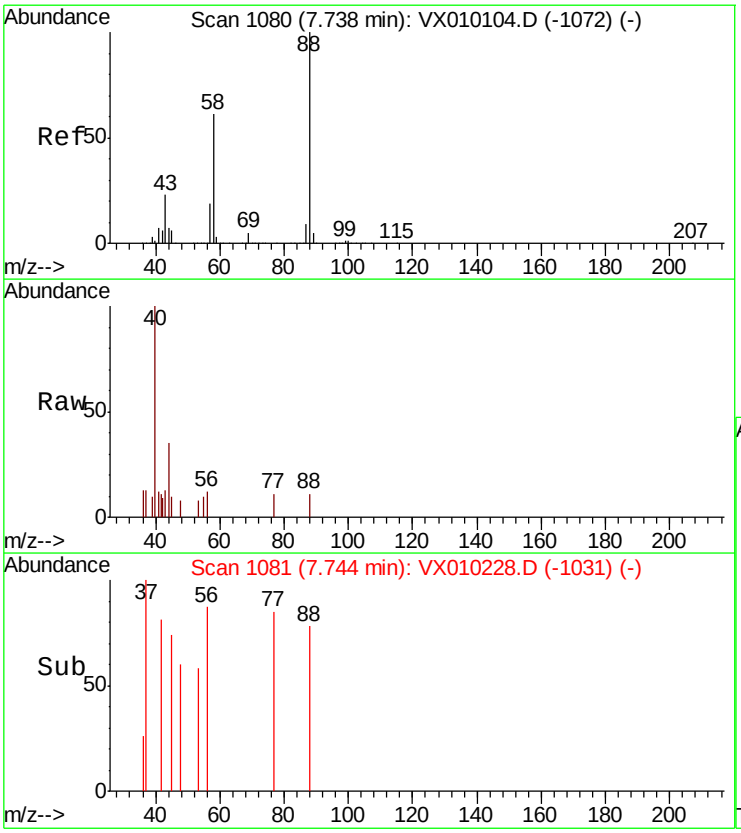

#44
Trichloroethene
Concen: 3.616 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion:130 Resp: 9924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 91.9 | 0.0 | 207.4 |

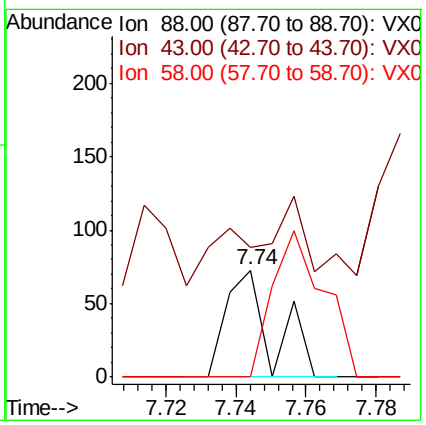


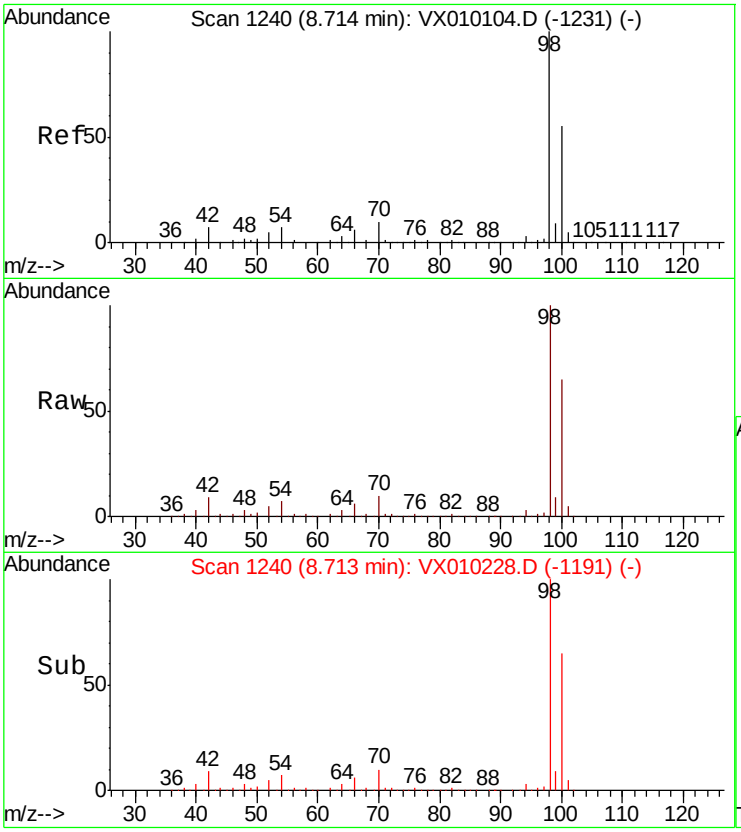




#49
1,4-Dioxane
Concen: 0.981 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion: 88 Resp: 67

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 30.2 | 45.4# |
| 58 | 152.2 | 64.0 | 96.0# |



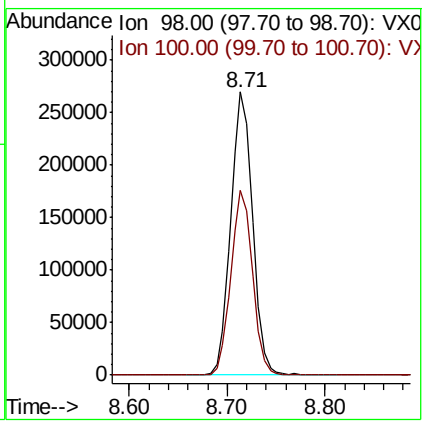


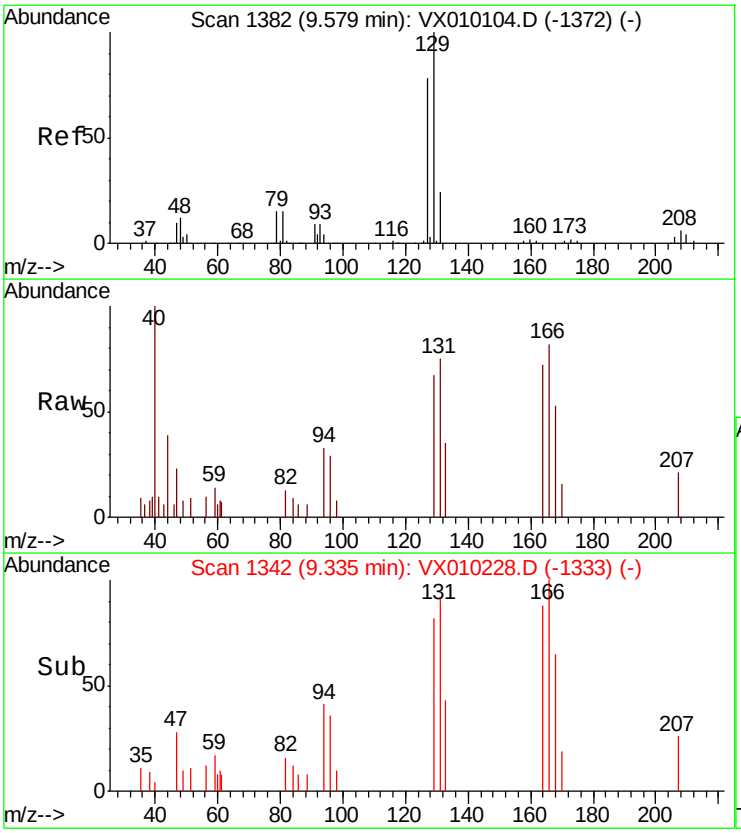

#50
Toluene-d8
Concen: 50.134 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion: 98 Resp: 418308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.0 | 51.5 | 77.3 |

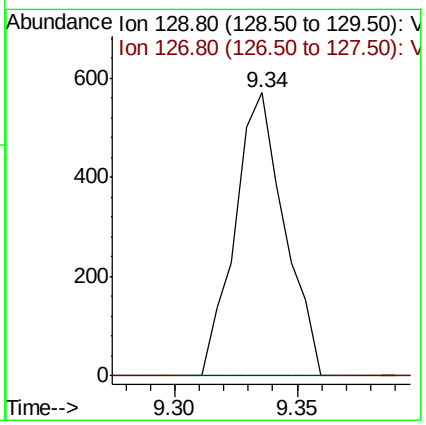


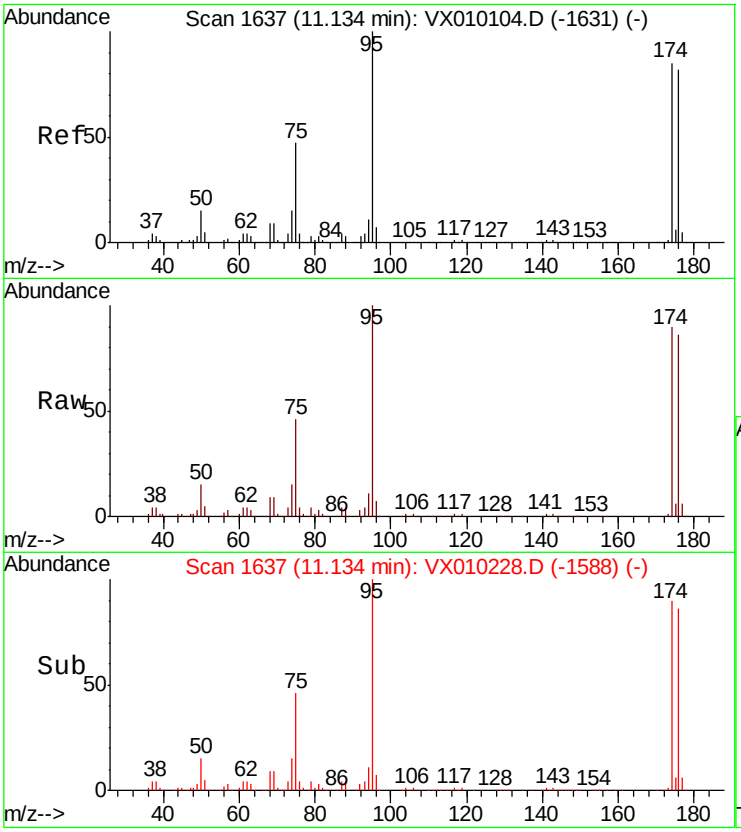




#60
Dibromochloromethane
Concen: 0.278 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion:129 Resp: 807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 38.5 | 115.5# |



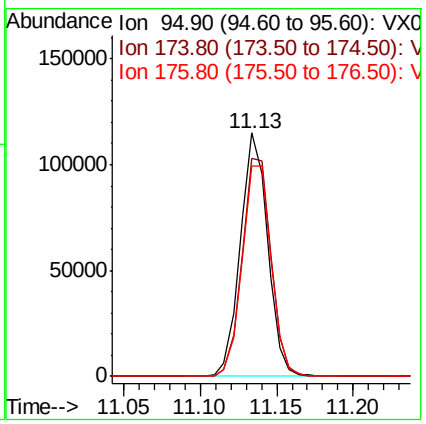


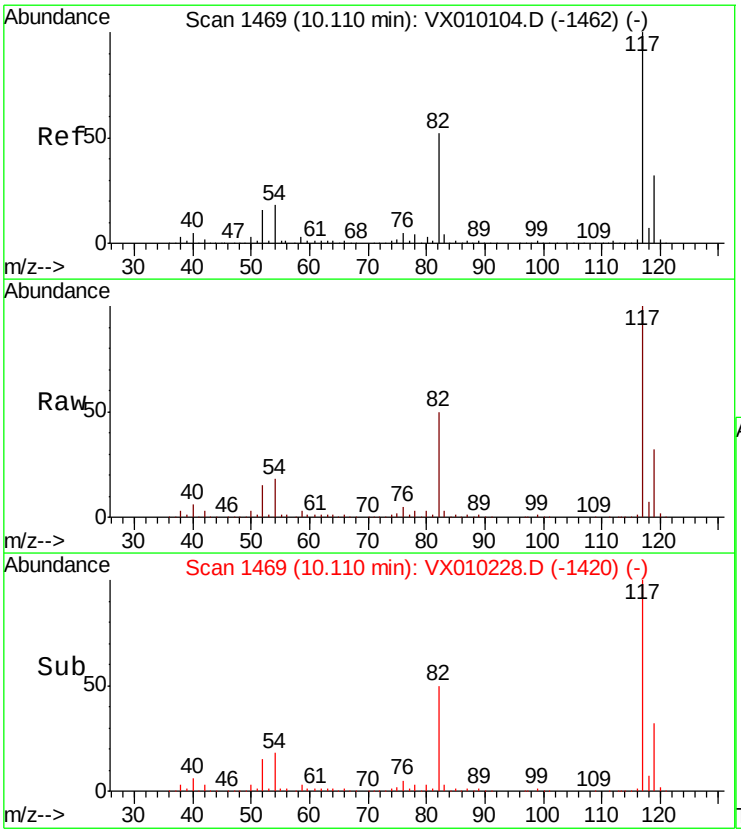

#62
4-Bromofluorobenzene
Concen: 45.610 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion: 95 Resp: 142122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 95.4 | 0.0 | 160.4 |
| 176 | 92.4 | 0.0 | 154.6 |

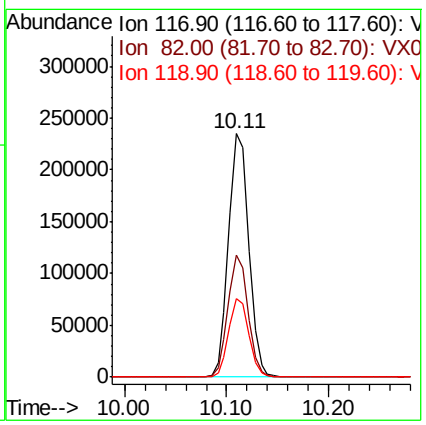


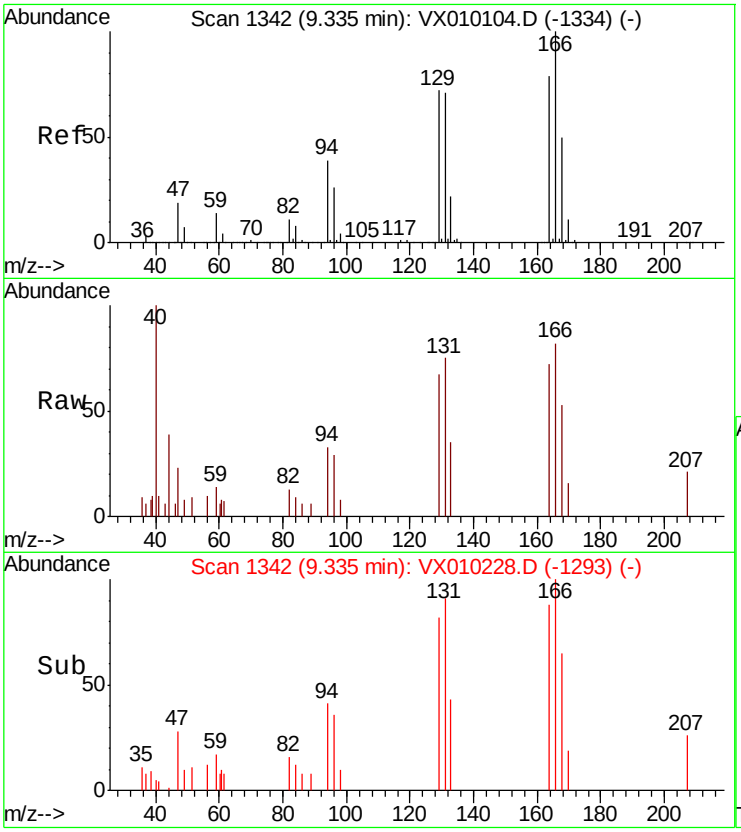




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion:117 Resp: 321932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.0 | 49.2 | 73.8 |
| 119 | 32.1 | 25.2 | 37.8 |



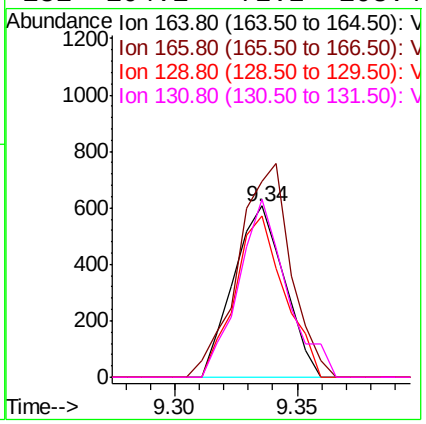


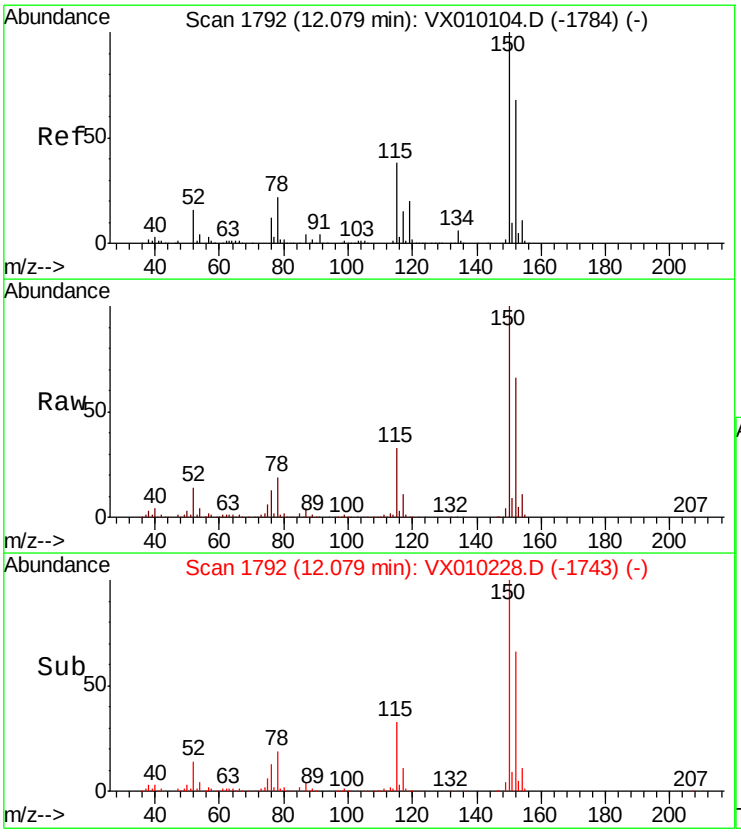

#64
Tetrachloroethene
Concen: 0.368 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion:164 Resp: 881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 114.0 | 105.0 | 157.4 |
| 129 | 93.9 | 75.1 | 112.7 |
| 131 | 104.1 | 72.2 | 108.4 |

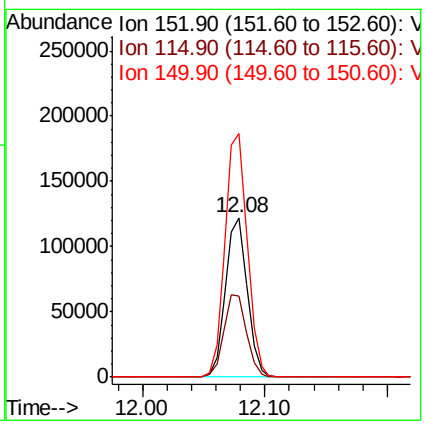


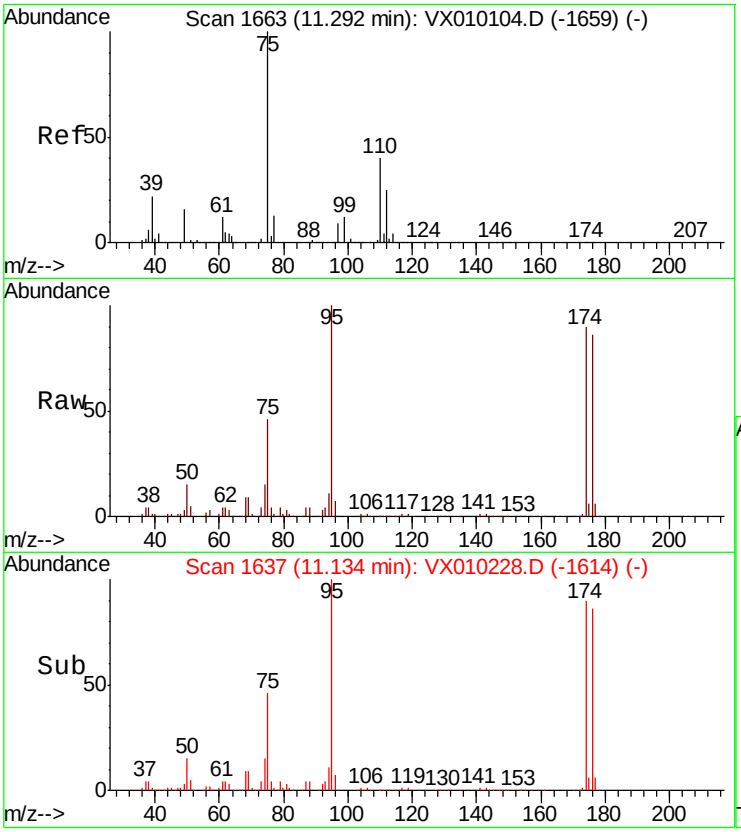




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion:152 Resp: 149730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.8 | 41.4 | 124.2 |
| 150 | 157.0 | 0.0 | 345.2 |



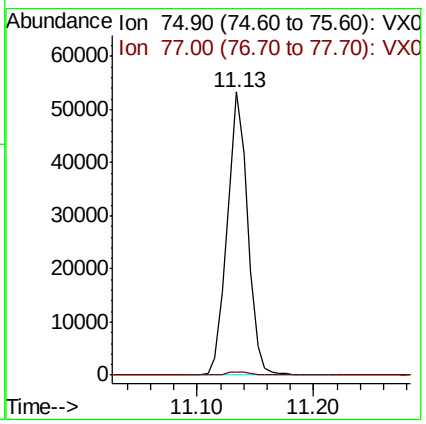


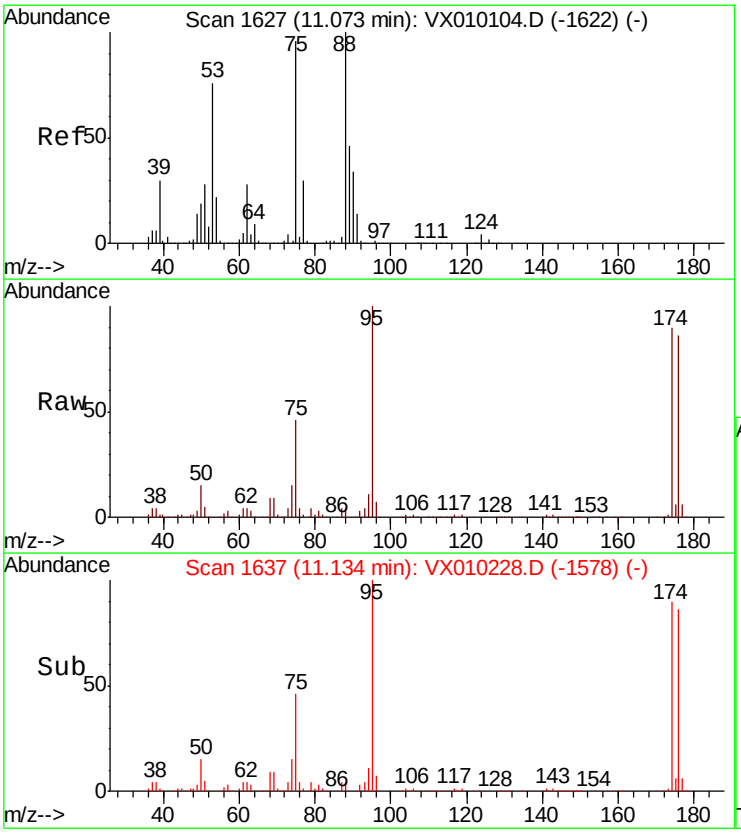

#76
1,2,3-Trichloropropane
Concen: 21.822 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

**Instrument :**
MSVOA_X
**ClientSampleId :**
BPS1-TT-MW302I2-20190607

Tgt Ion: 75 Resp: 65354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 22.1 | 66.1# |




#81
trans-1,4-Dichloro-2-butene
Concen: 48.214 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010228.D
Acq: 11 Jun 2019 13:32

Tgt Ion: 75 Resp: 65354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 79.8 | 119.6# |
| 89 | 0.1 | 34.2 | 51.4# |