Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012119\
Data File : VX007164.D
Acq On : 21 Jan 2019 17:34
Operator : JC/SP
Sample : K1199-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SA-TW528-3337

Quant Time: Jan 22 00:08:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 550879 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 841123 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 806136 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 405111 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 296177 | 51.45 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.90% | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 260468 | 48.36 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.72% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 1017003 | 51.58 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.16% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 371848 | 54.10 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 108.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.64 | 94 | 1215 | 0.201 | ug/l # | 43 |
| 11) Tert butyl alcohol | 3.07 | 59 | 404 | 0.297 | ug/l # | 1 |
| 13) Acrolein | 2.29 | 56 | 269 | 3.538 | ug/l # | 64 |
| 16) Acetone | 2.45 | 43 | 2706 | 0.951 | ug/l # | 81 |
| 18) Methyl Acetate | 2.78 | 43 | 5481 | 0.665 | ug/l | 95 |
| 20) Methylene Chloride | 2.87 | 84 | 2286 | Below Cal # | | 56 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 36972 | 5.056 | ug/l # | 48 |
| 38) Carbon Tetrachloride | 5.67 | 117 | 50876 | 6.915 | ug/l # | 14 |
| 49) 1,4-Dioxane | 7.74 | 88 | 243 | Below Cal # | | 1 |
| 71) Bromoform | 10.74 | 173 | 183 | 4.759 | ug/l # | 28 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 175090 | 21.328 | ug/l # | 40 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 175090 | 63.278 | ug/l # | 10 |
| 90) Hexachloroethane | 12.58 | 117 | 44 | 2.918 | ug/l # | 6 |

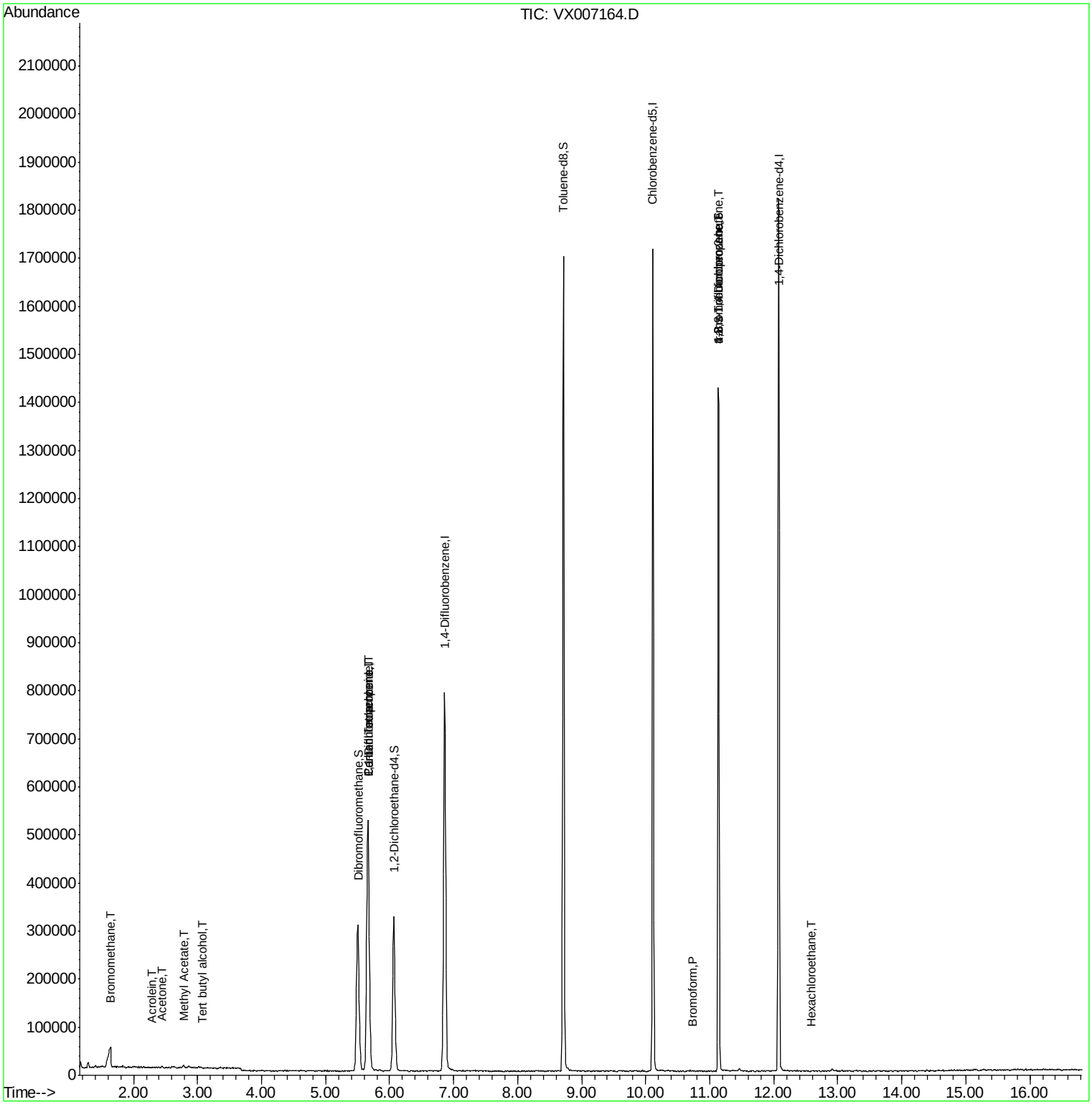
(#) = qualifier out of range (m) = manual integration (+) = signals summed

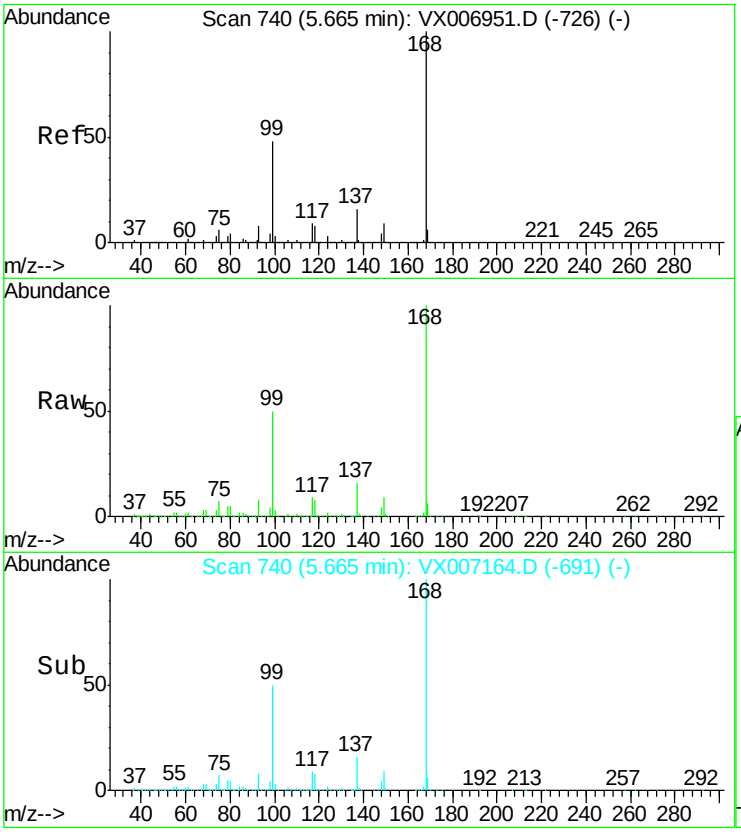
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012119\
Data File : VX007164.D
Acq On : 21 Jan 2019 17:34
Operator : JC/SP
Sample : K1199-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-TW528-3337

Quant Time: Jan 22 00:08:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration



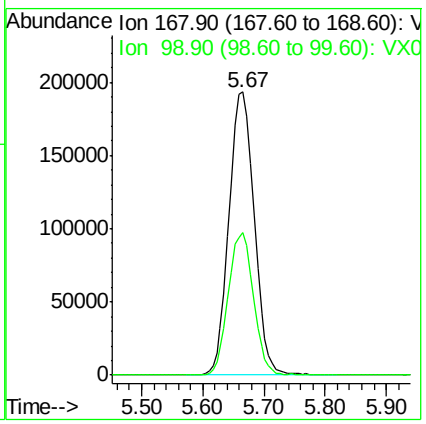


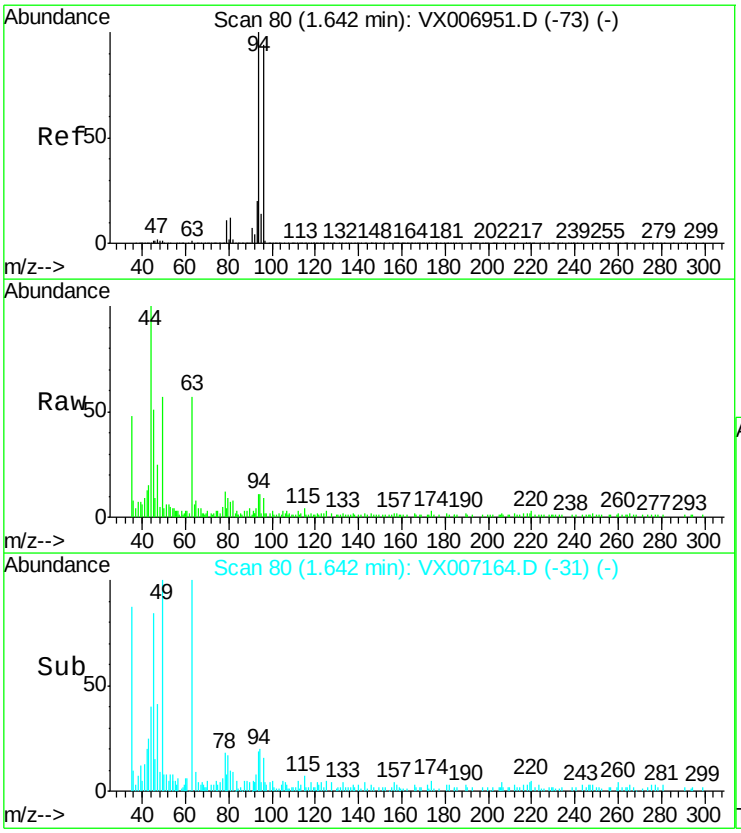

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-TW528-3337

Tgt Ion:168 Resp: 550879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.3 | 41.8 | 62.8 |

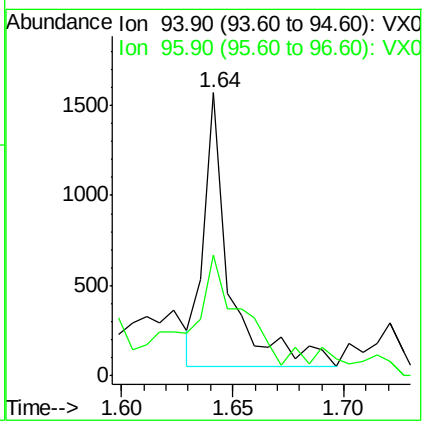


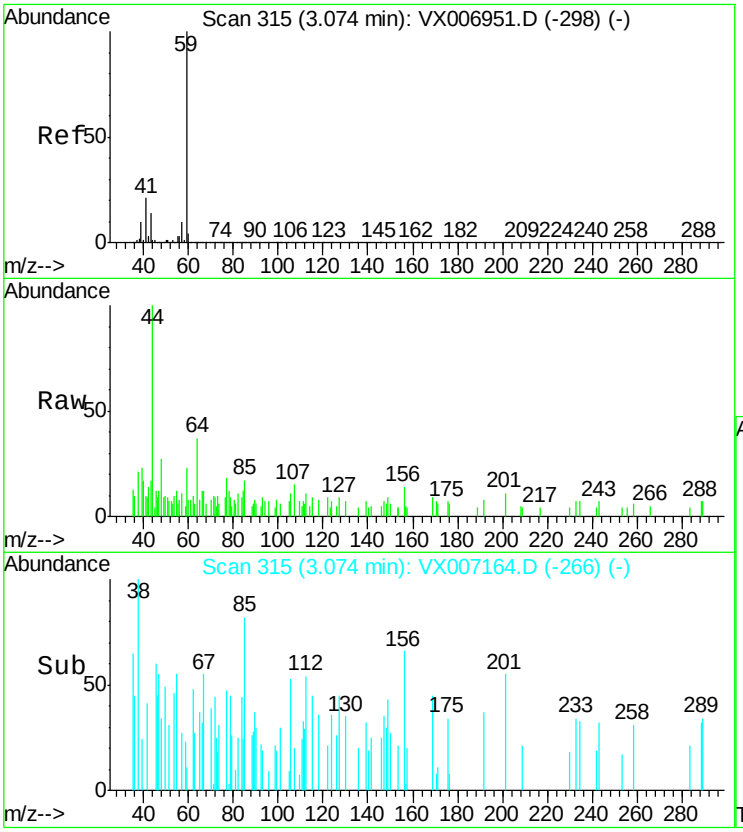




#5
Bromomethane
Concen: 0.201 ug/l
RT: 1.64 min Scan# 80
Delta R.T. -0.00 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

Tgt Ion: 94 Resp: 1215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 37.9 | 73.4 | 110.2# |



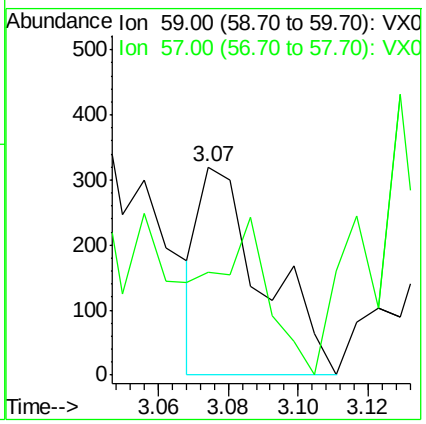


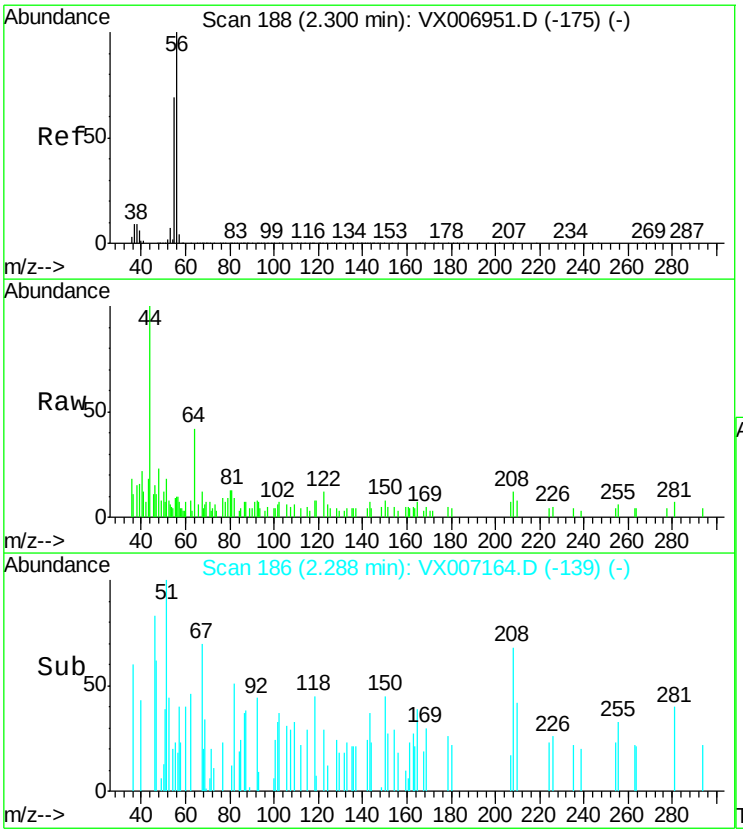

#11
Tert butyl alcohol
Concen: 0.297 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-TW528-3337

Tgt Ion: 59 Resp: 404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 63.1 | 8.5 | 12.7# |

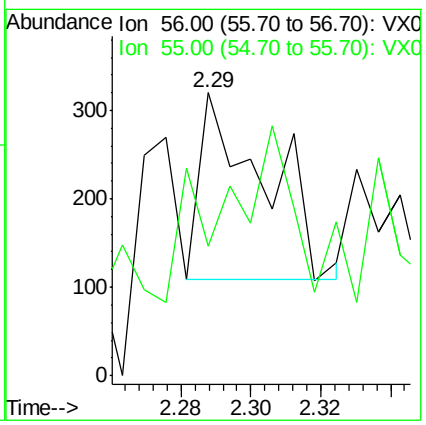


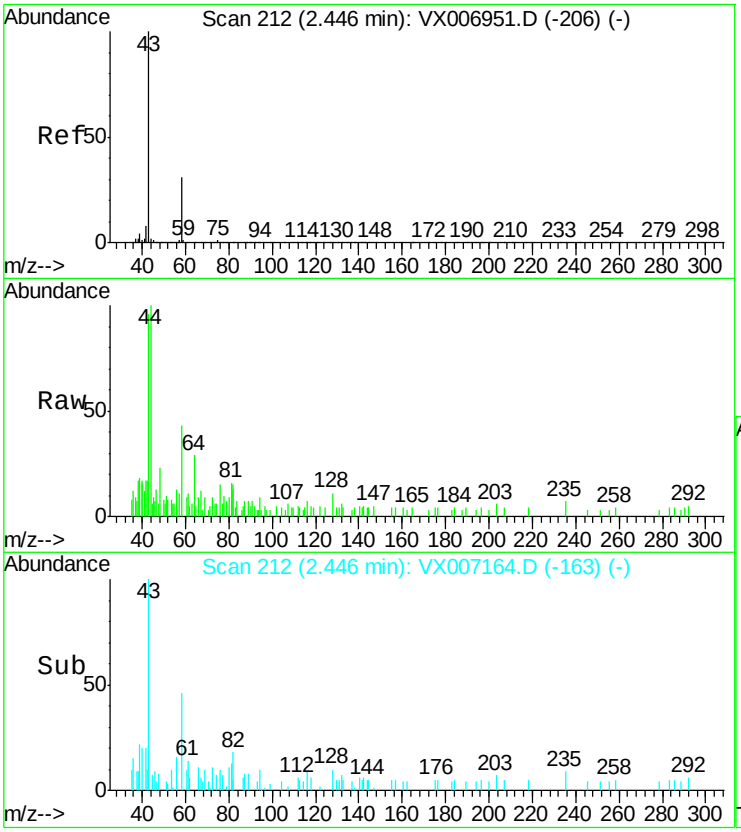




#13
Acrolein
Concen: 3.538 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

Tgt Ion: 56 Resp: 269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 103.0 | 58.2 | 87.4# |



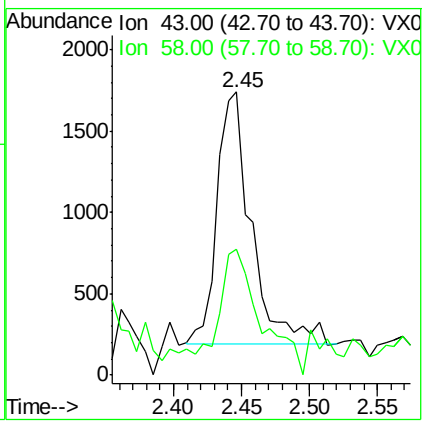


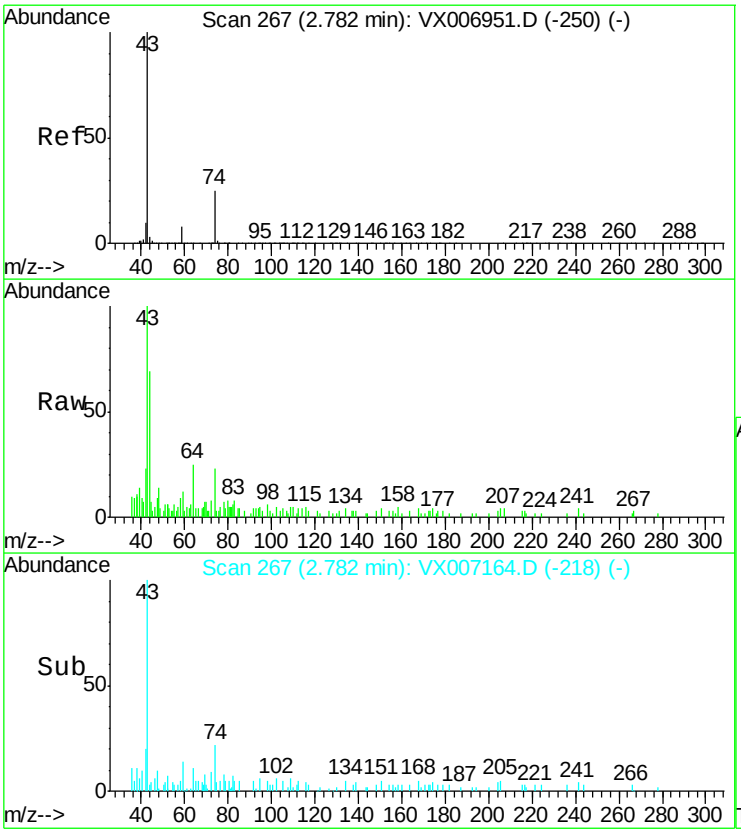

#16
Acetone
Concen: 0.951 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-TW528-3337

Tgt Ion: 43 Resp: 2706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.8 | 25.0 | 37.6# |

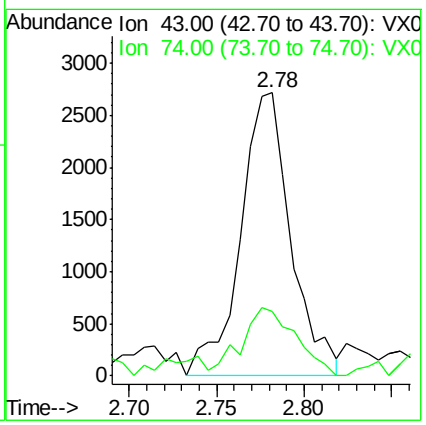


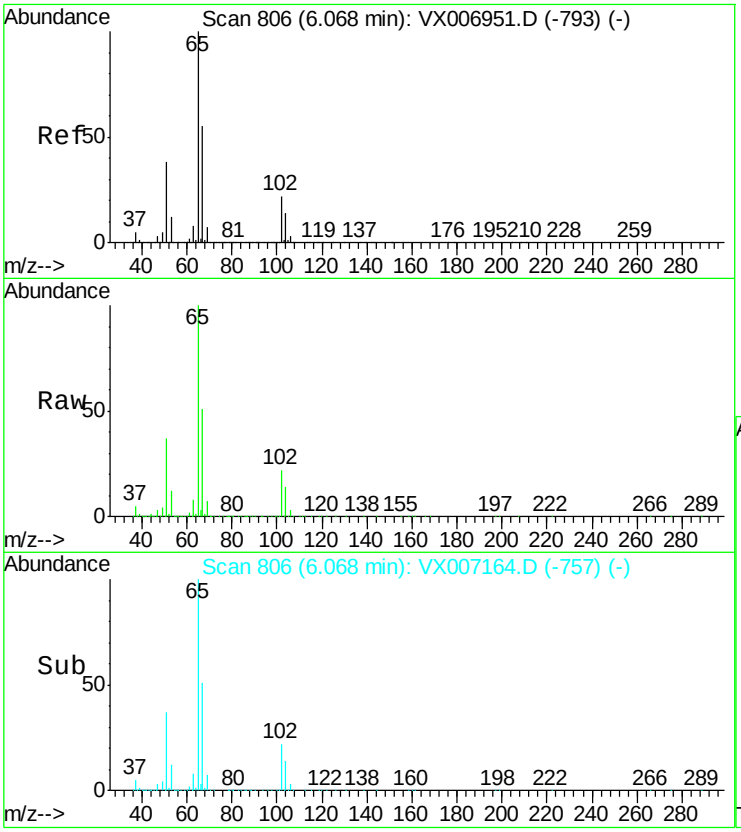




#18
Methyl Acetate
Concen: 0.665 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

Tgt Ion: 43 Resp: 5481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.7 | 18.6 | 28.0 |



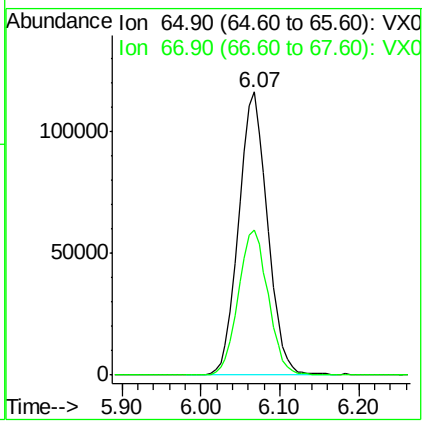


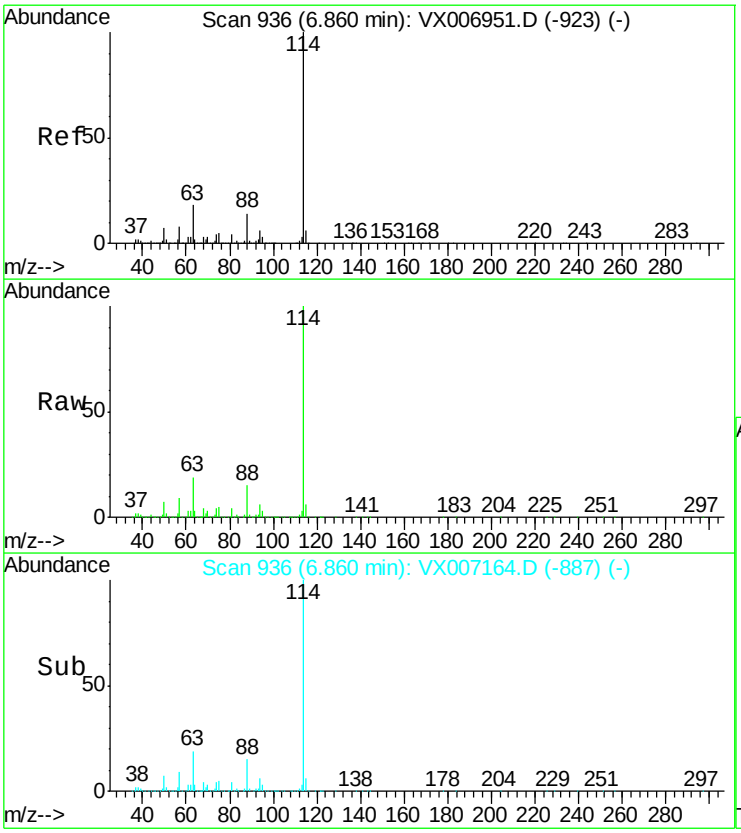

#33
1,2-Dichloroethane-d4
Concen: 51.445 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-TW528-3337

Tgt Ion: 65 Resp: 296177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.8 | 0.0 | 105.0 |

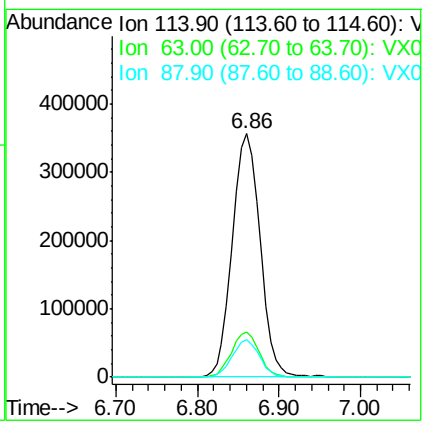


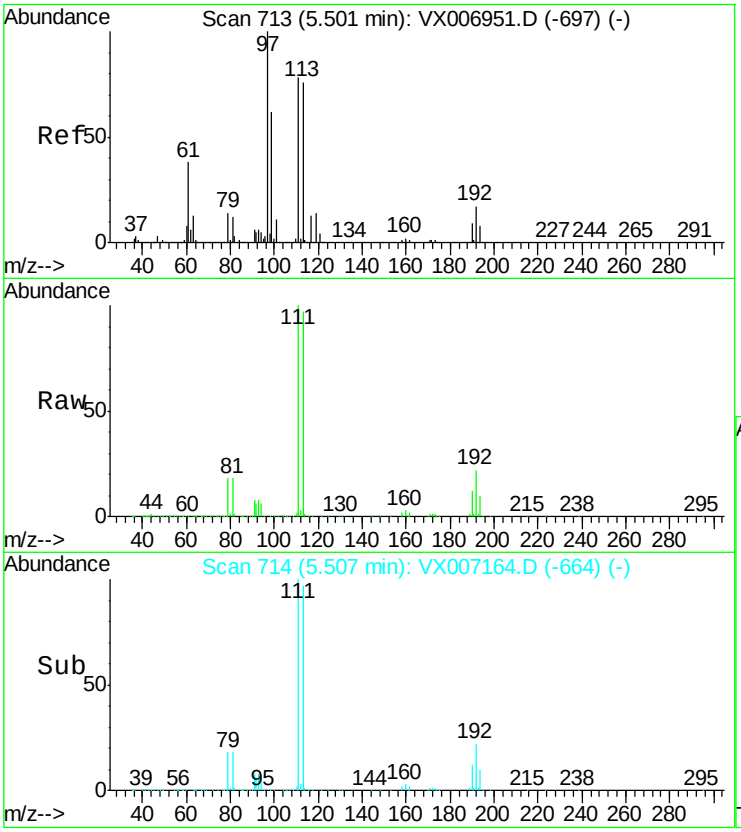




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

Tgt Ion:114 Resp: 841123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.6 | 0.0 | 34.8 |
| 88 | 15.2 | 0.0 | 28.8 |



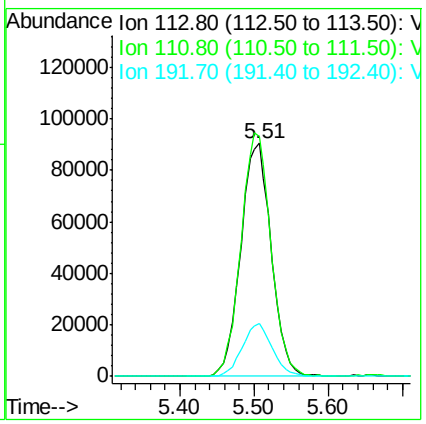


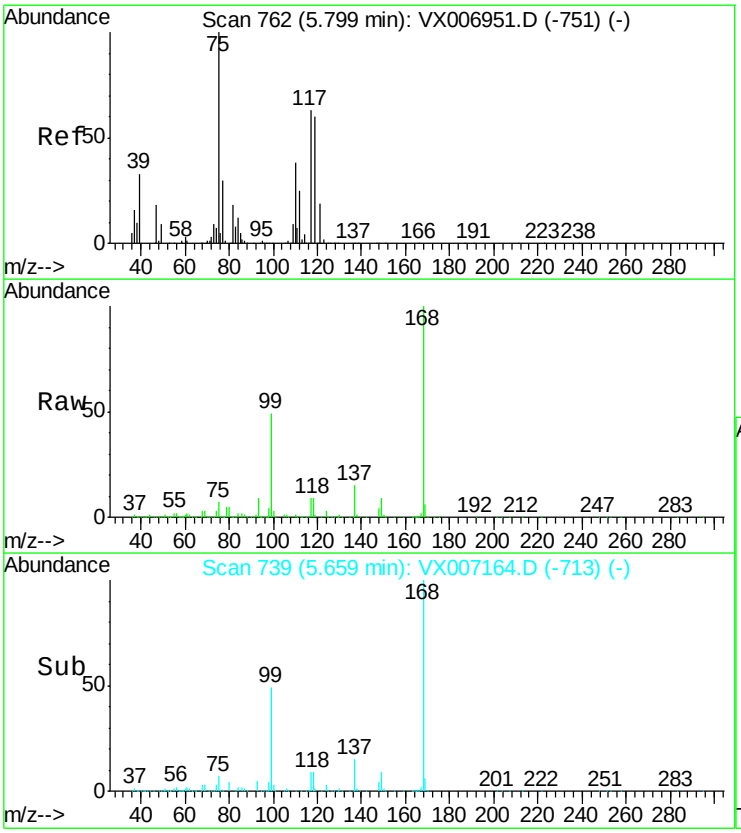

#35
Dibromofluoromethane
Concen: 48.356 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-TW528-3337

Tgt Ion:113 Resp: 260468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.8 | 81.6 | 122.4 |
| 192 | 22.2 | 16.7 | 25.1 |

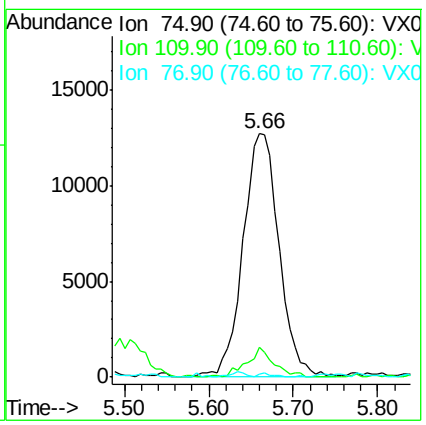


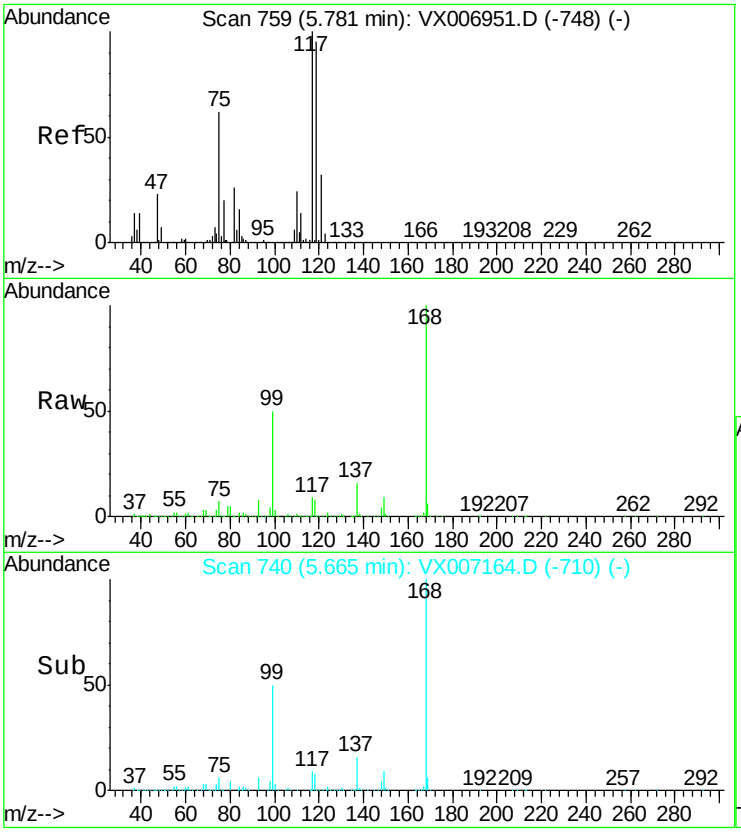




#36
1,1-Dichloropropene
Concen: 5.056 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

Tgt Ion: 75 Resp: 36972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.4 | 20.2 | 60.5# |
| 77 | 0.6 | 24.8 | 37.2# |



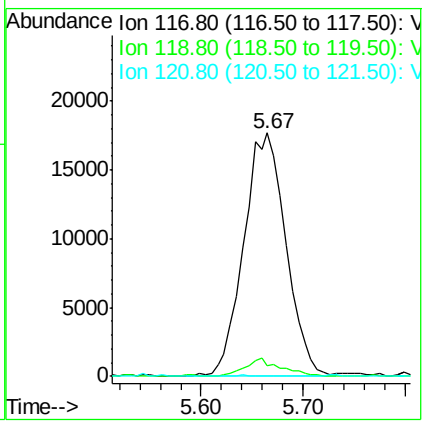


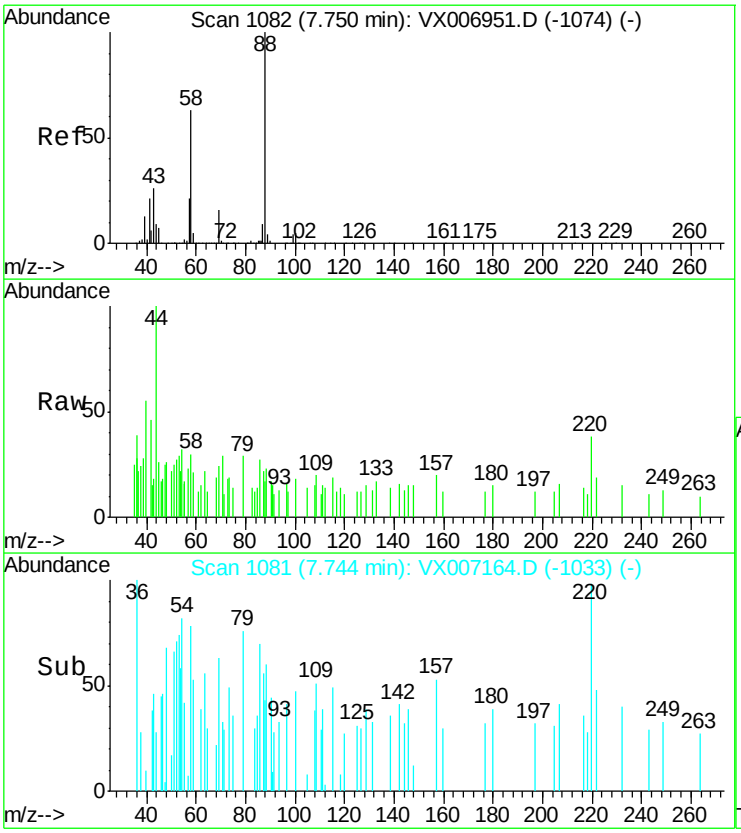

#38
Carbon Tetrachloride
Concen: 6.915 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-TW528-3337

Tgt Ion:117 Resp: 50876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.2 | 79.4 | 119.2# |
| 121 | 0.0 | 24.0 | 36.0# |

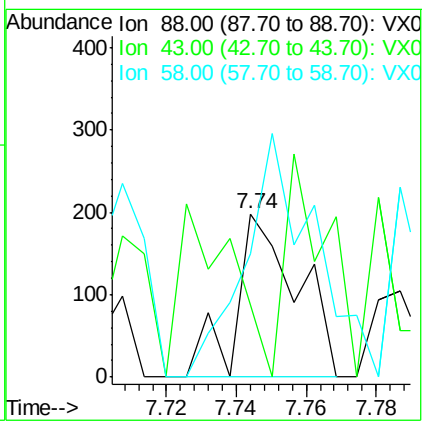


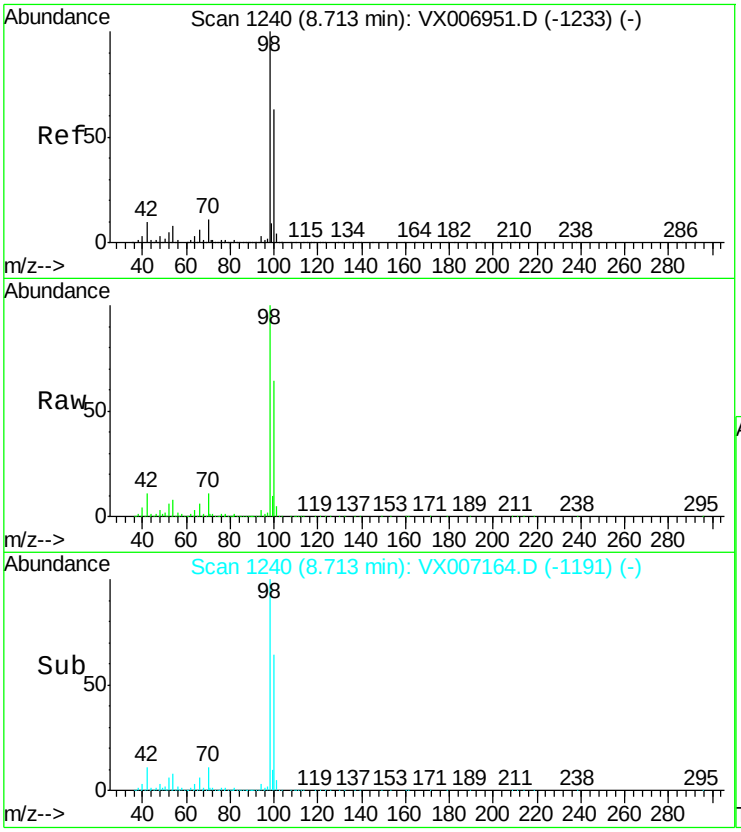




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

Tgt Ion: 88 Resp: 243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 91.4 | 22.2 | 33.4# |
| 58 | 166.7 | 51.0 | 76.4# |



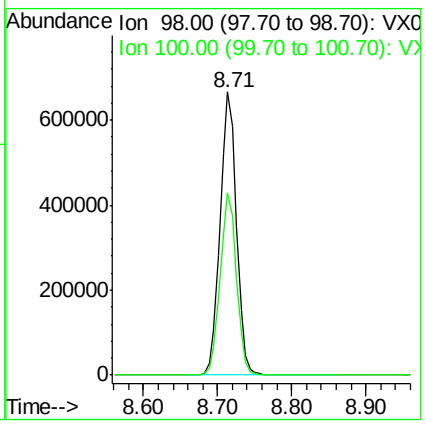


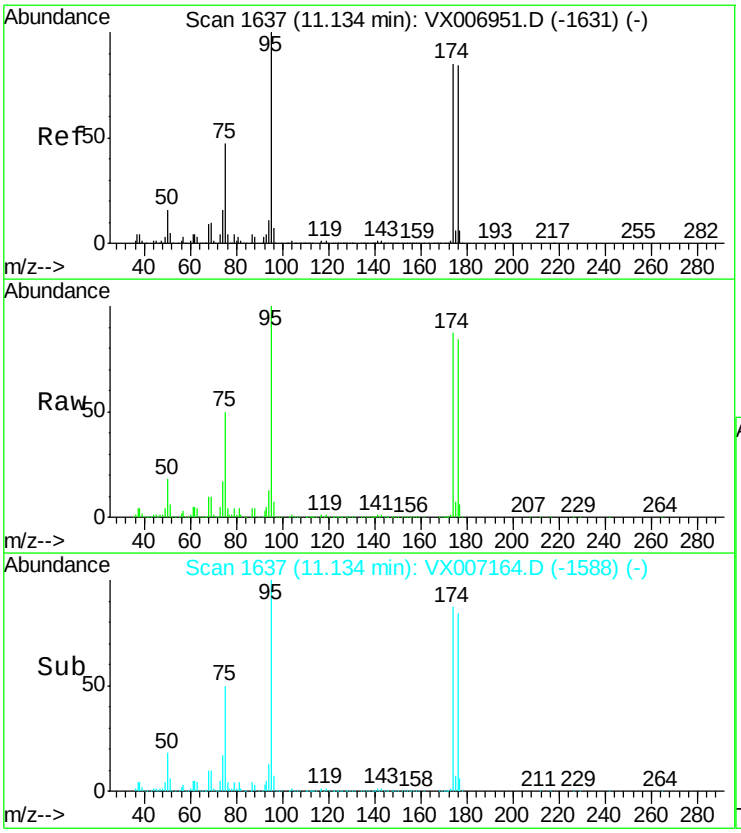

#50
Toluene-d8
Concen: 51.582 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-TW528-3337

Tgt Ion: 98 Resp: 1017003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.1 | 52.0 | 78.0 |

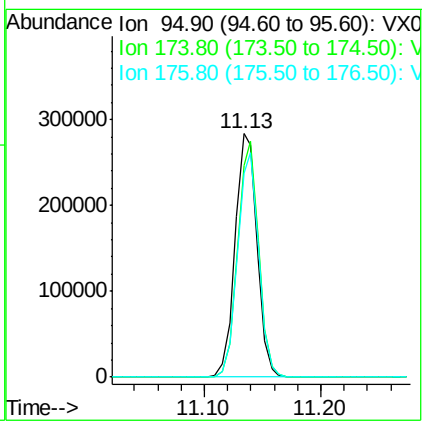


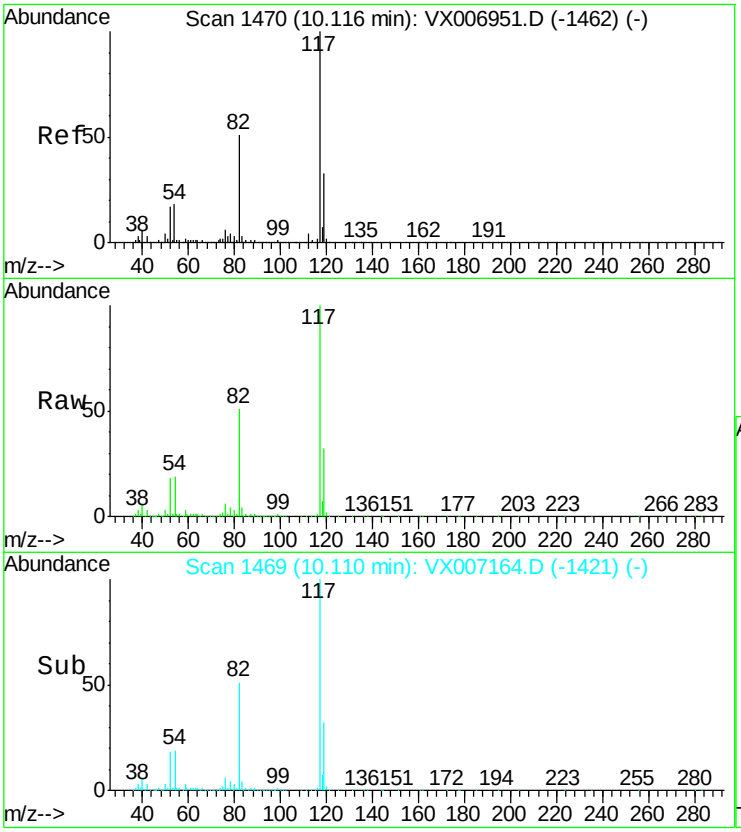




#62
4-Bromofluorobenzene
Concen: 54.098 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

Tgt Ion: 95 Resp: 371848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 92.4 | 0.0 | 182.2 |
| 176 | 89.1 | 0.0 | 178.8 |



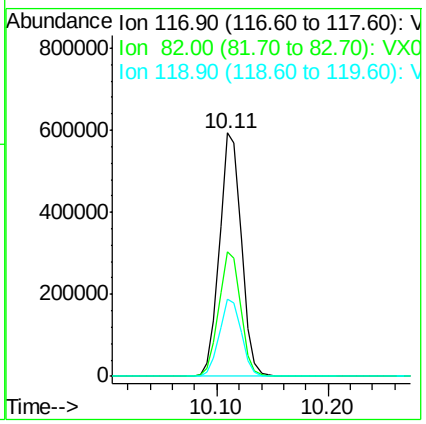


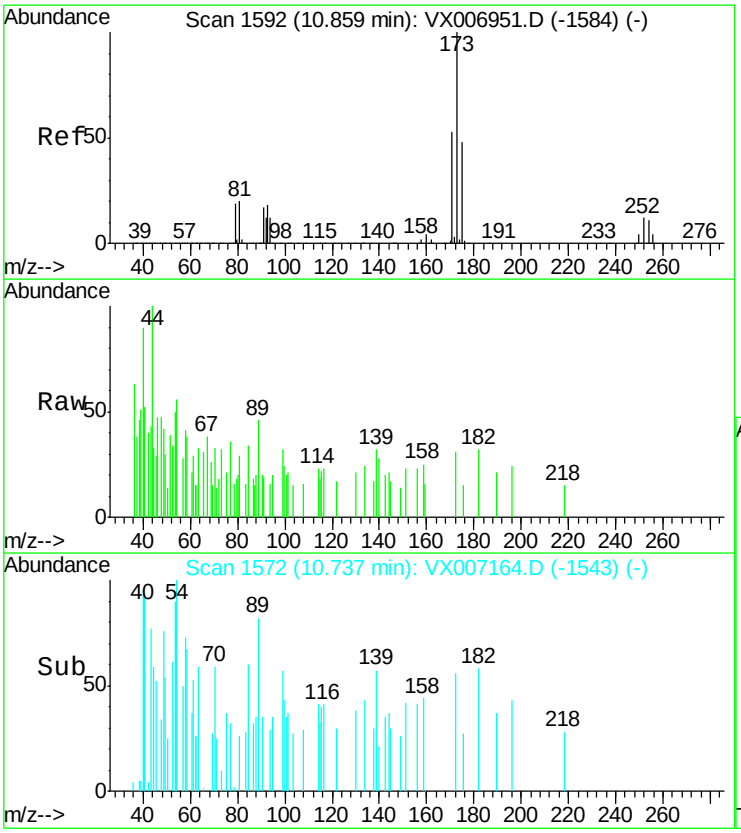

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

**Instrument :** MSVOA_X
**ClientSampleId :** SA-TW528-3337

Tgt Ion:117 Resp: 806136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.3 | 41.0 | 61.6 |
| 119 | 31.9 | 25.4 | 38.0 |

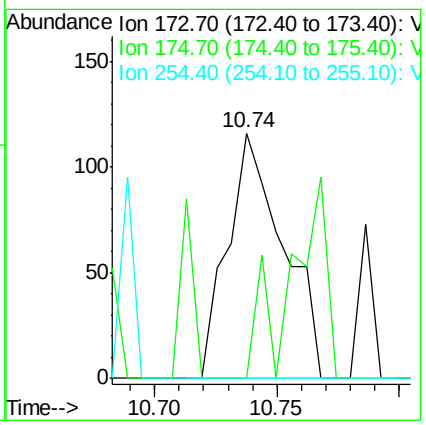


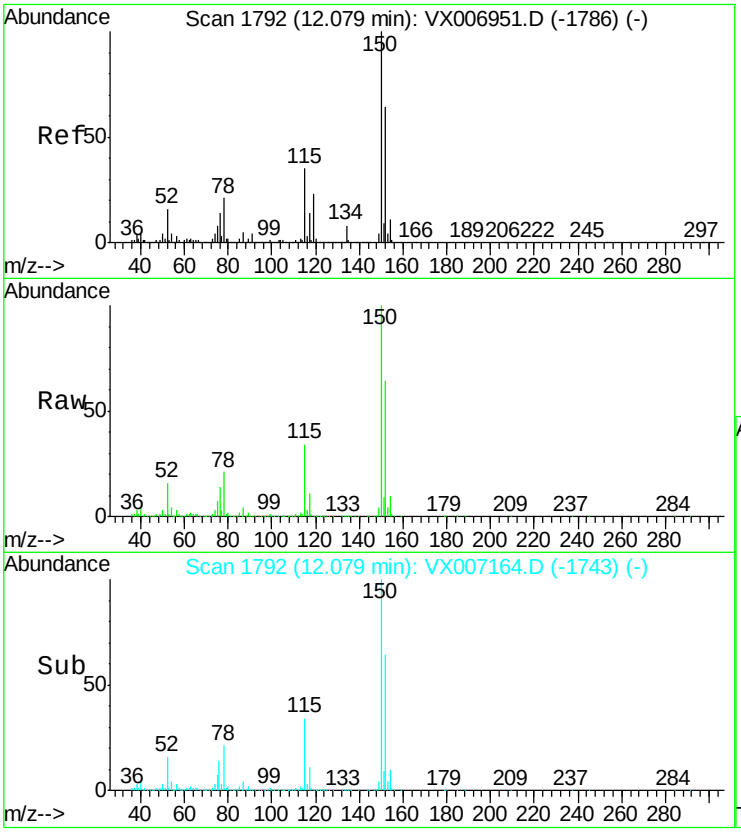




#71
Bromoform
Concen: 4.759 ug/l
RT: 10.74 min Scan# 1572
Delta R.T. -0.12 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

Tgt Ion:173 Resp: 183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 0.0 | 24.7 | 74.1# |
| 254 | 0.0 | 0.2 | 0.2# |



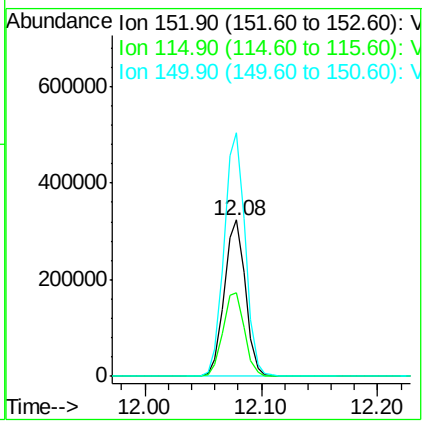


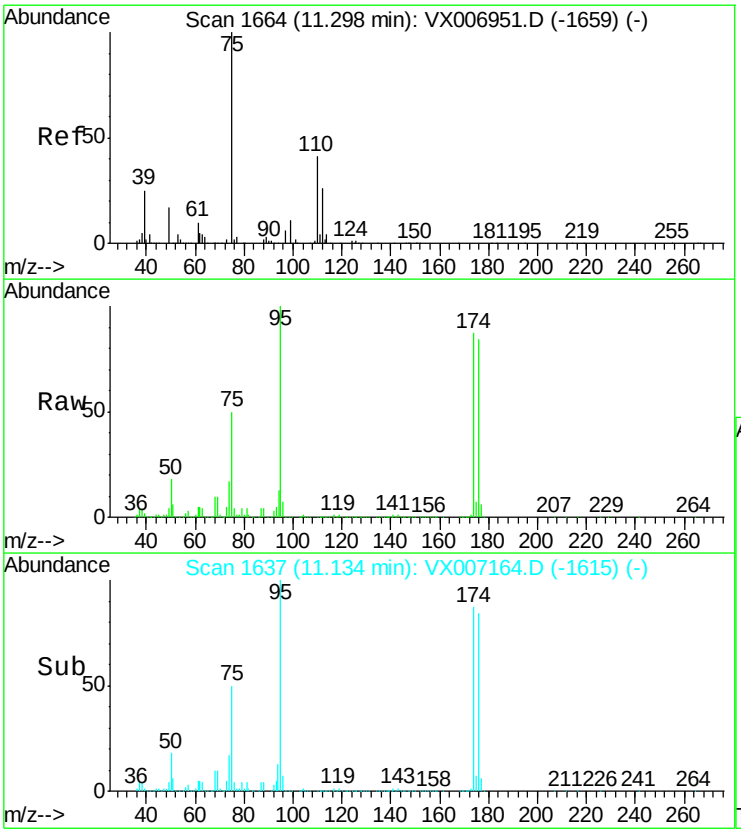

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-TW528-3337

Tgt Ion:152 Resp: 405111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.4 | 39.1 | 117.2 |
| 150 | 155.9 | 0.0 | 344.8 |

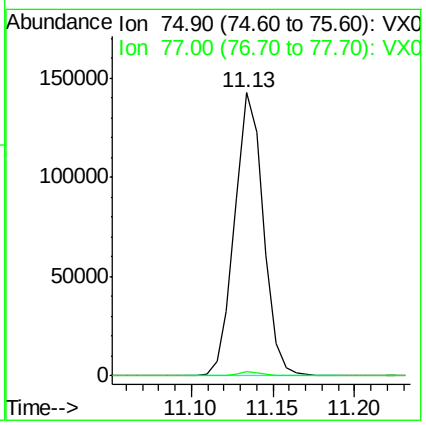


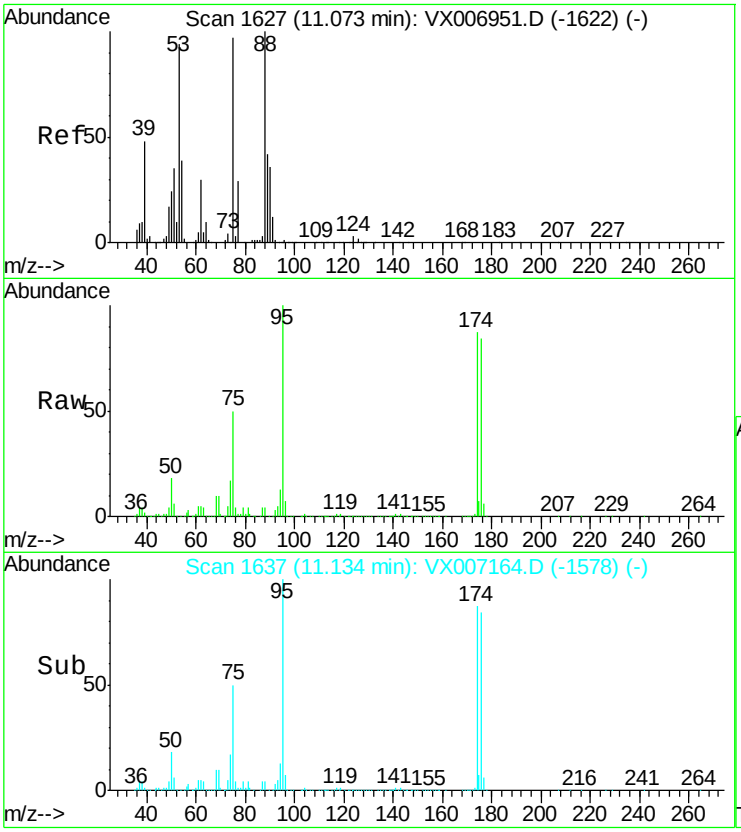




#76
1,2,3-Trichloropropane
Concen: 21.328 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

Tgt Ion: 75 Resp: 175090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 18.5 | 55.5# |



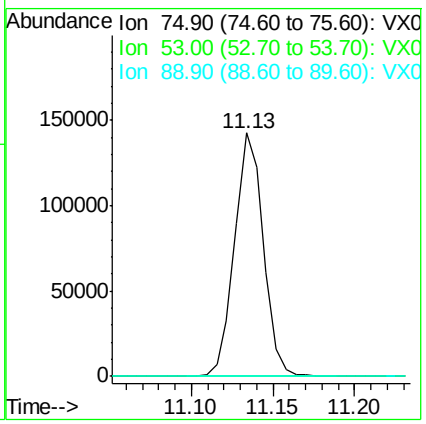


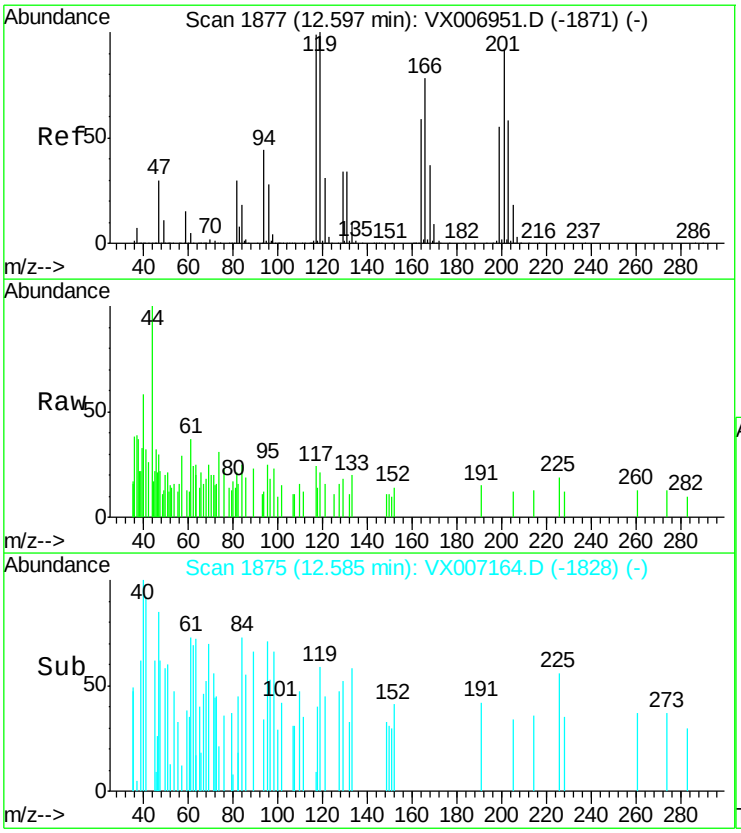

#81
trans-1,4-Dichloro-2-butene
Concen: 63.278 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

**Instrument :**
MSVOA_X
**ClientSampleId :**
SA-TW528-3337

Tgt Ion: 75 Resp: 175090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 79.7 | 119.5# |
| 89 | 0.0 | 38.0 | 57.0# |




#90
Hexachloroethane
Concen: 2.918 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX007164.D
Acq: 21 Jan 2019 17:34

Tgt Ion:117 Resp: 44

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 42.9 | 128.7# |