Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031519\
Data File : VX008125.D
Acq On : 15 Mar 2019 23:57
Operator : JC/SP
Sample : K1856-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** BP-TT-AOC22-MW07-20190311

Quant Time: Mar 16 01:11:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 246373 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 372149 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 356466 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 179873 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 124336 | 50.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.06% | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 121792 | 51.61 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.22% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 448747 | 50.00 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.00% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 163345 | 50.80 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.65 | 94 | 261 | Below Cal | # | 55 |
| 6) Chloroethane | 1.71 | 64 | 356 | Below Cal | | 93 |
| 11) Tert butyl alcohol | 3.02 | 59 | 1745 | 3.634 | ug/l # | 73 |
| 16) Acetone | 2.45 | 43 | 1682 | 1.434 | ug/l # | 88 |
| 18) Methyl Acetate | 2.78 | 43 | 628 | 0.248 | ug/l | 99 |
| 31) Cyclohexane | 5.66 | 56 | 3355 | 0.944 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.67 | 75 | 13643 | 4.456 | ug/l # | 49 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 20242 | 6.869 | ug/l # | 17 |
| 44) Trichloroethene | 7.21 | 130 | 878 | 0.324 | ug/l | 84 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 73415 | 23.501 | ug/l # | 39 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 73415 | 66.876 | ug/l # | 11 |

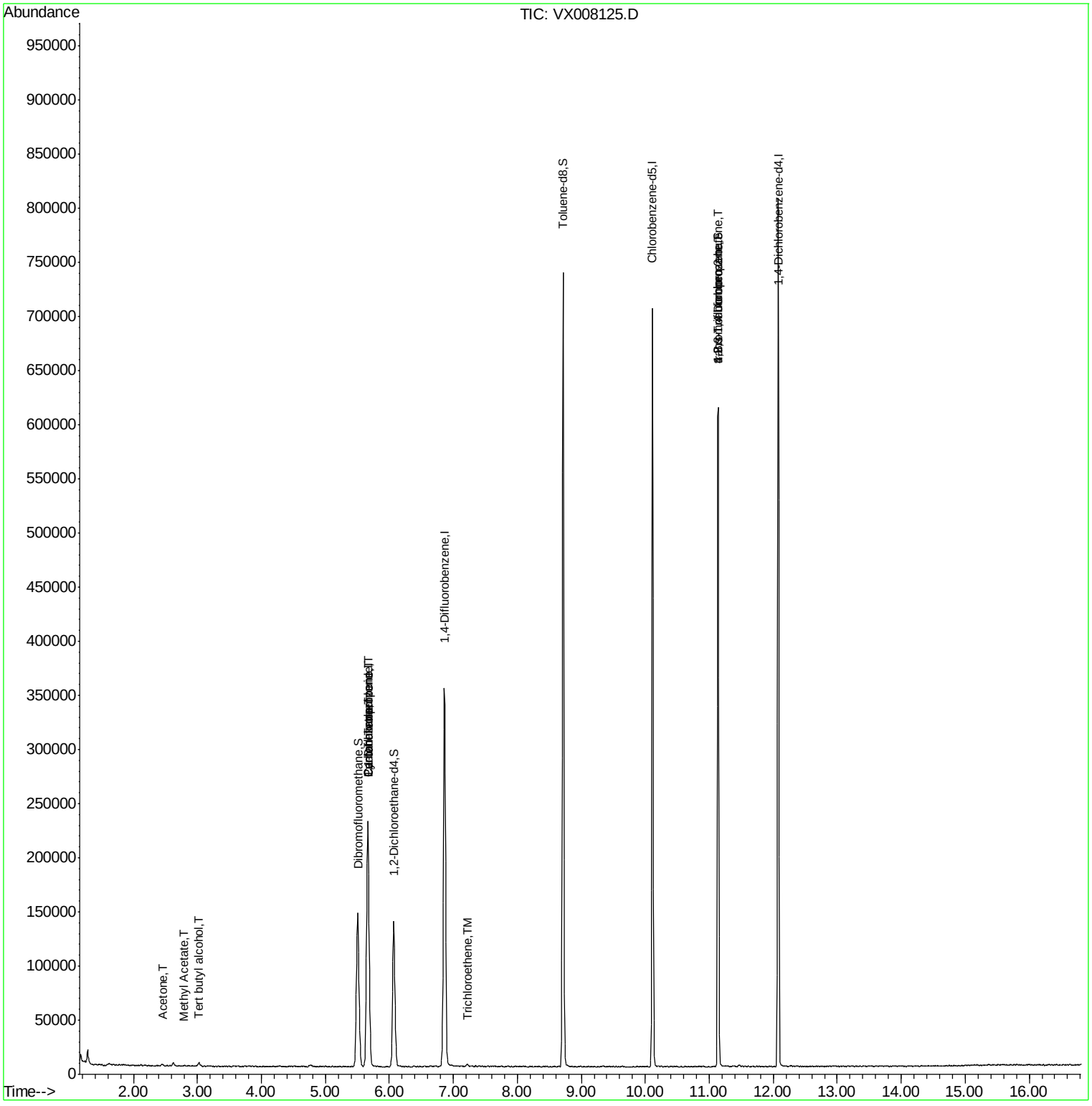
(#) = qualifier out of range (m) = manual integration (+) = signals summed

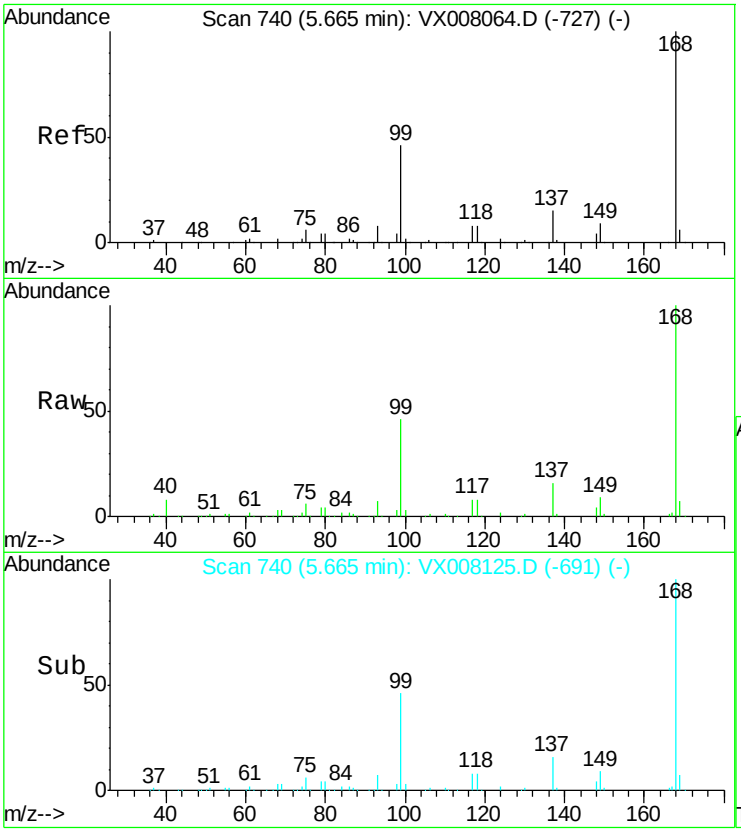
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031519\
Data File : VX008125.D
Acq On : 15 Mar 2019 23:57
Operator : JC/SP
Sample : K1856-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-TT-AOC22-MW07-20190311

Quant Time: Mar 16 01:11:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration



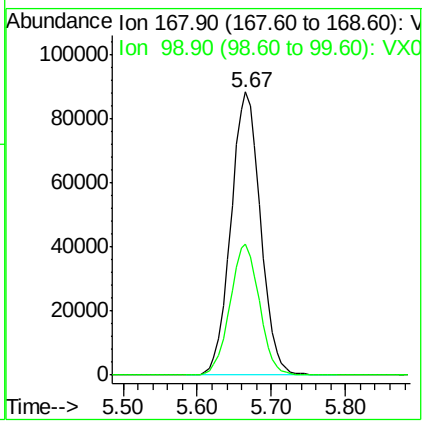


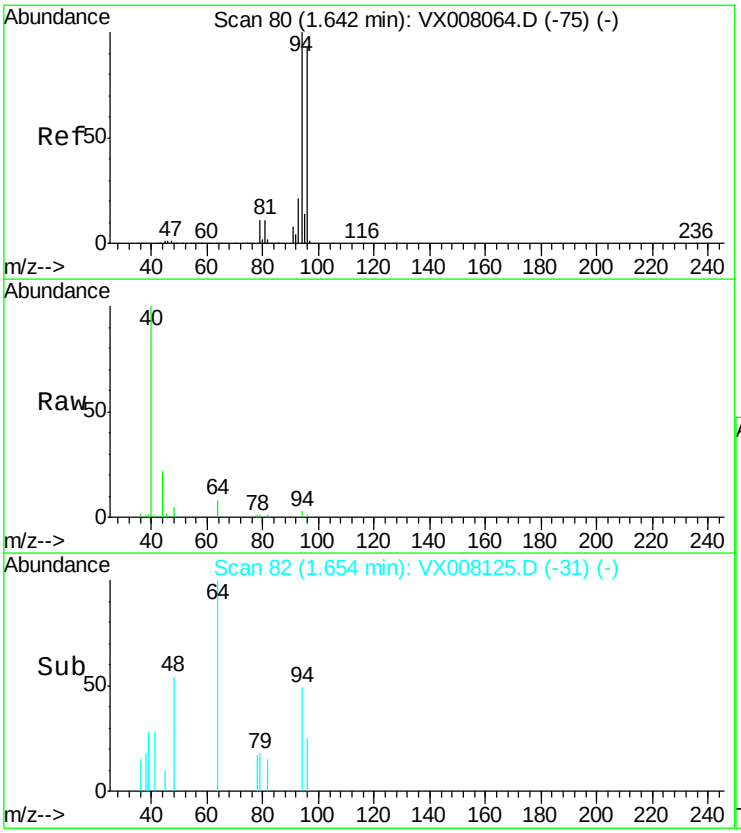

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-TT-AOC22-MW07-20190311

Tgt Ion:168 Resp: 246373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 46.2 | 37.6 | 56.4 |

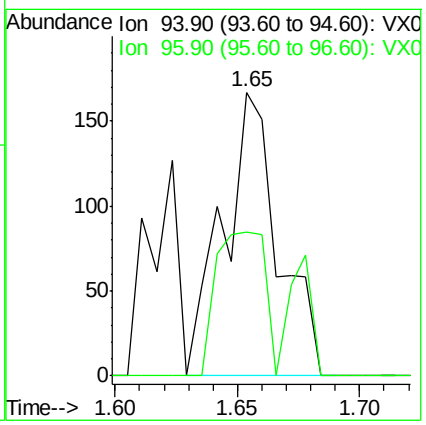


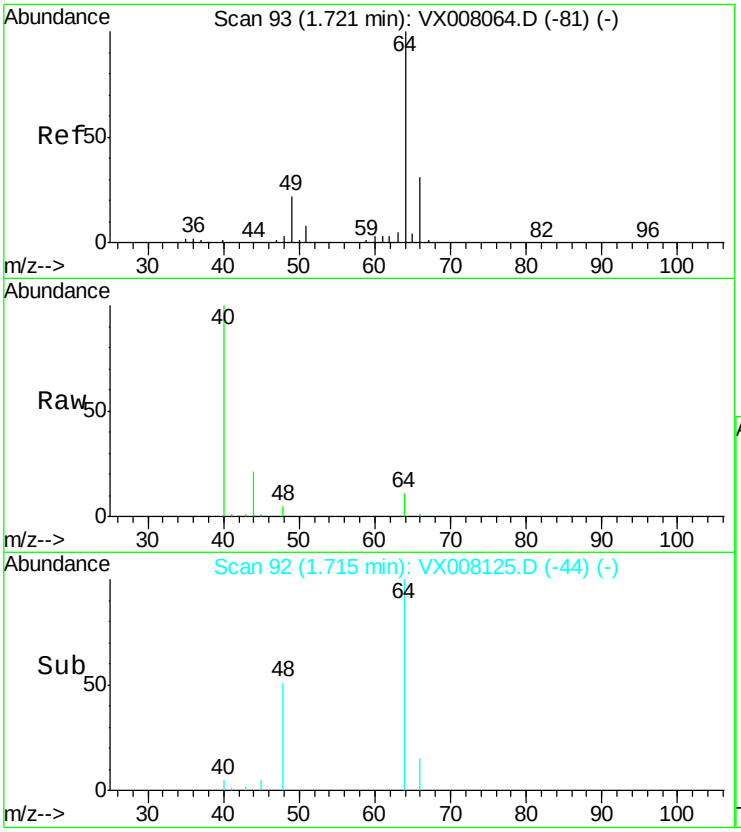




#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Tgt Ion: 94 Resp: 261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 50.9 | 75.5 | 113.3# |



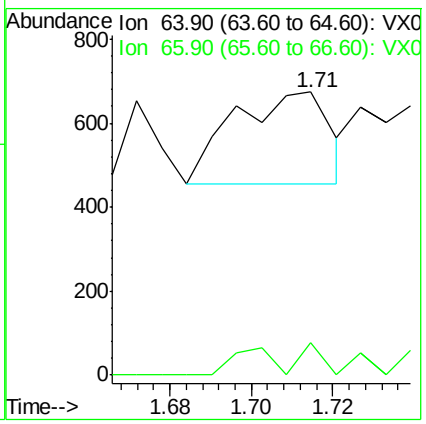


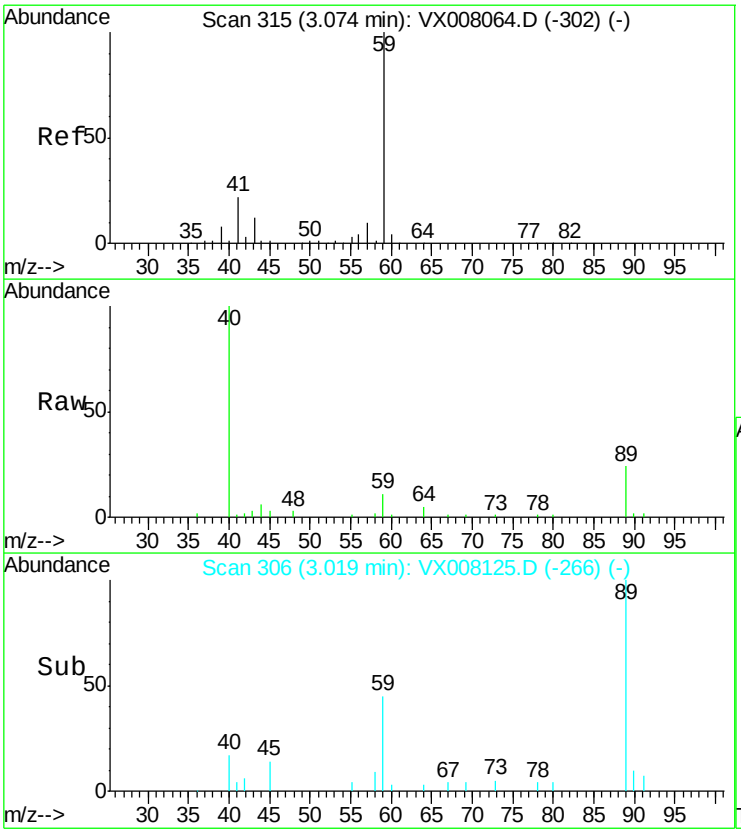

#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. -0.01 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-TT-AOC22-MW07-20190311

Tgt Ion: 64 Resp: 356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 35.5 | 25.2 | 37.8 |

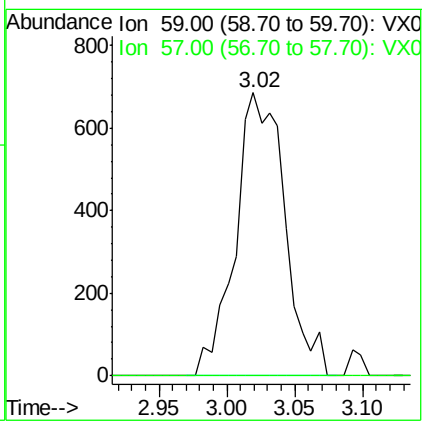


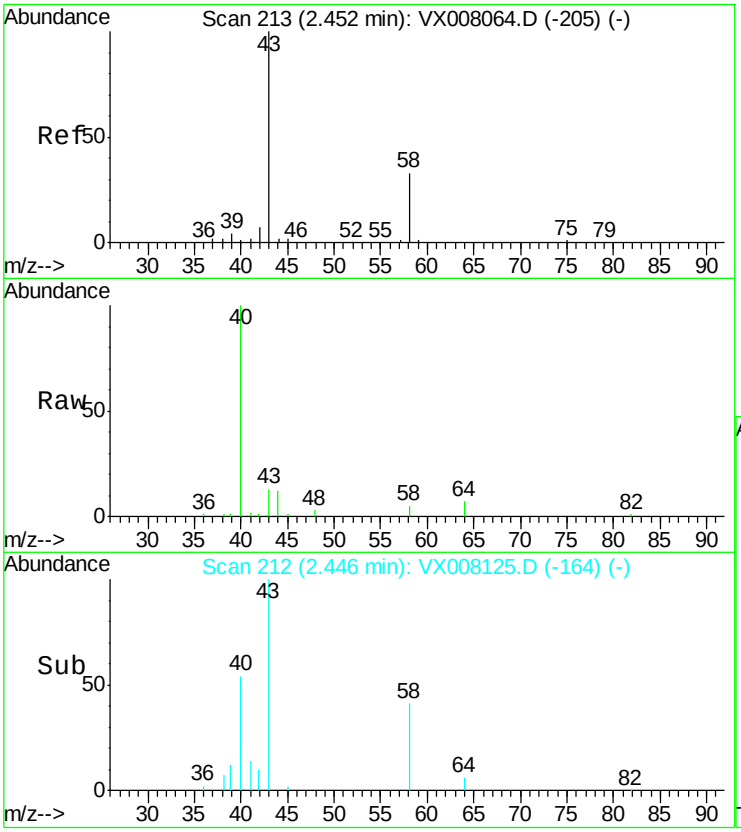




#11
Tert butyl alcohol
Concen: 3.634 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Tgt Ion: 59 Resp: 1745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.2# |



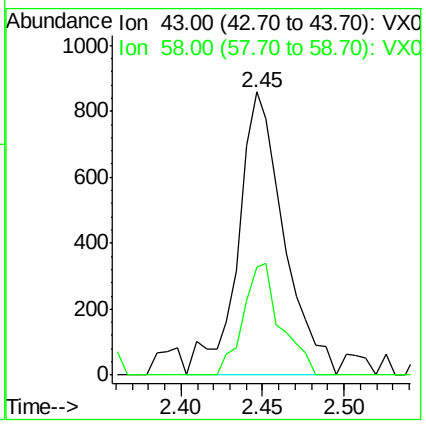


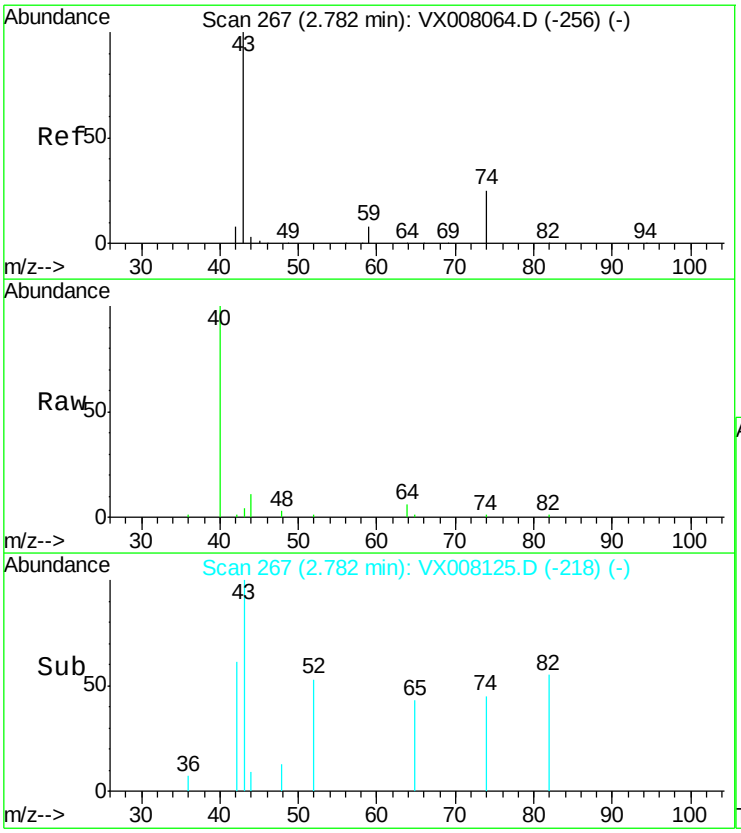

#16
Acetone
Concen: 1.434 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-TT-AOC22-MW07-20190311

Tgt Ion: 43 Resp: 1682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.3 | 25.5 | 38.3# |

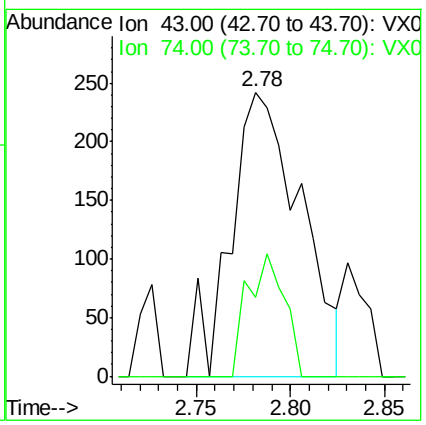


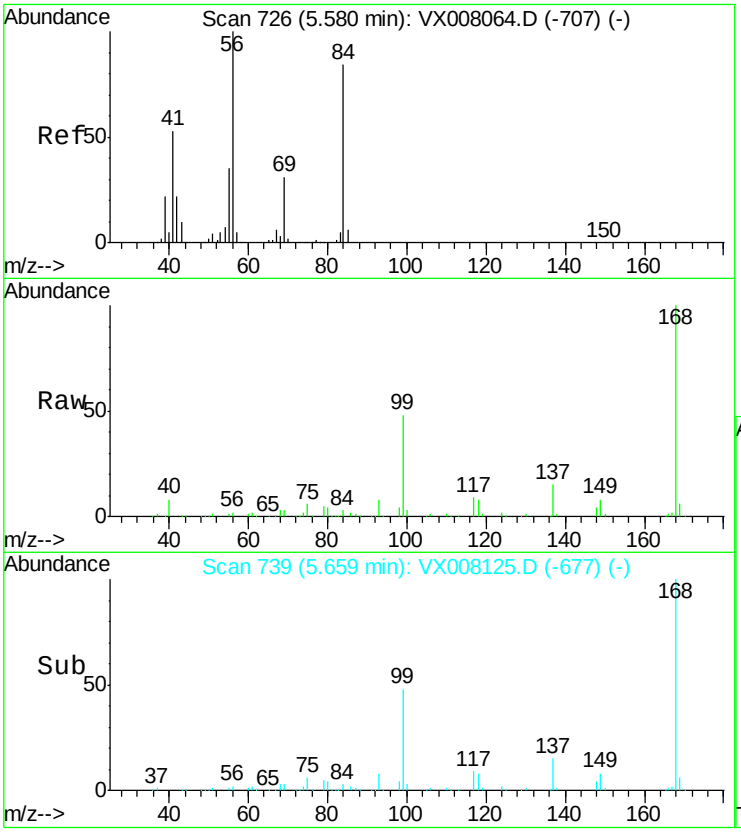




#18
Methyl Acetate
Concen: 0.248 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Tgt Ion: 43 Resp: 628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.5 | 17.8 | 26.6 |



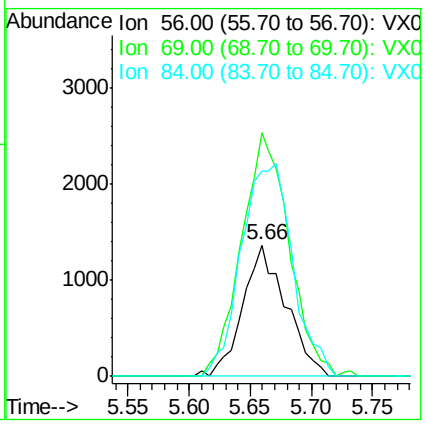


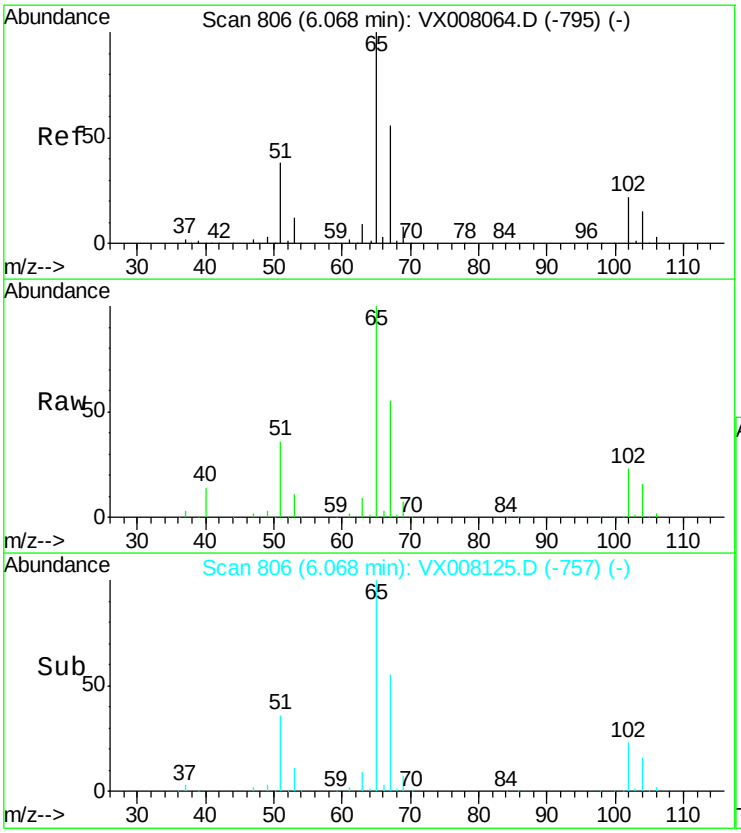

#31
Cyclohexane
Concen: 0.944 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-TT-AOC22-MW07-20190311

Tgt Ion: 56 Resp: 3355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 185.2 | 24.0 | 36.0# |
| 84 | 156.2 | 65.3 | 97.9# |

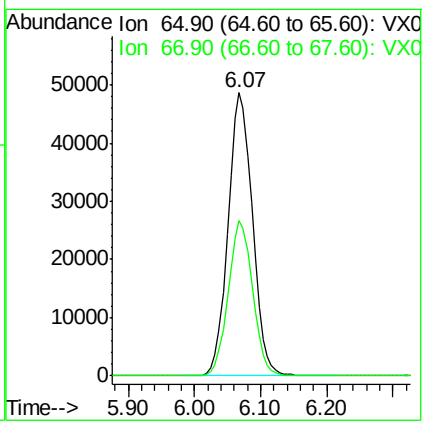


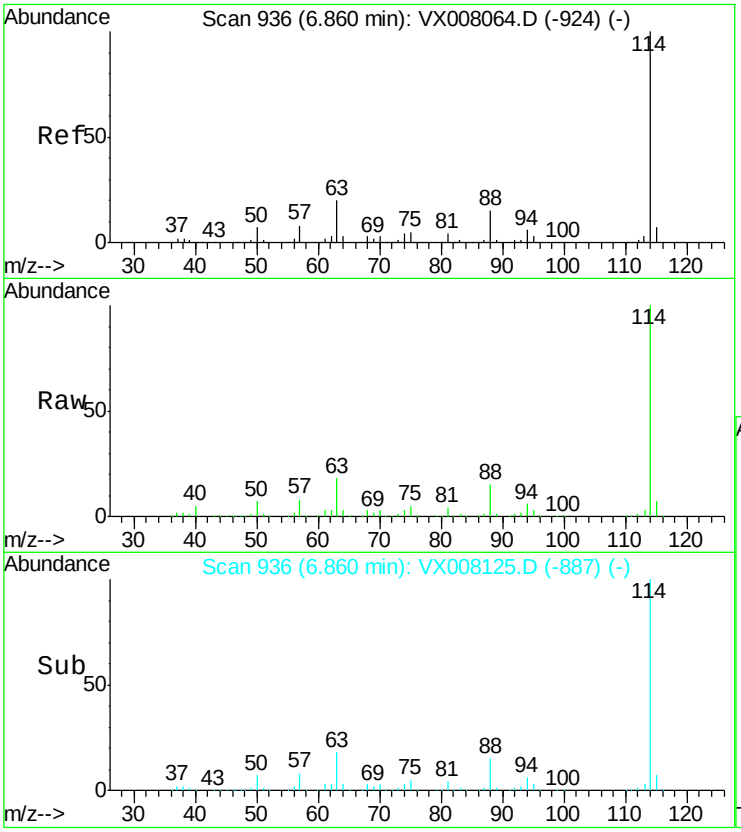




#33
1,2-Dichloroethane-d4
Concen: 50.029 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Tgt Ion: 65 Resp: 124336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.9 | 0.0 | 110.0 |



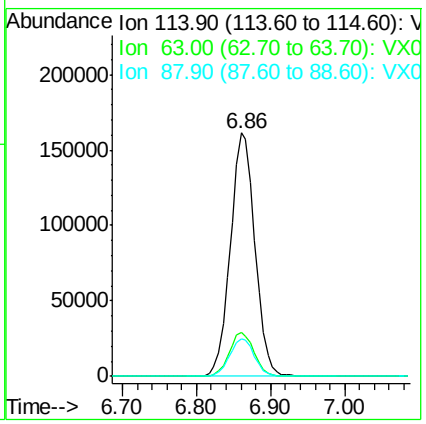


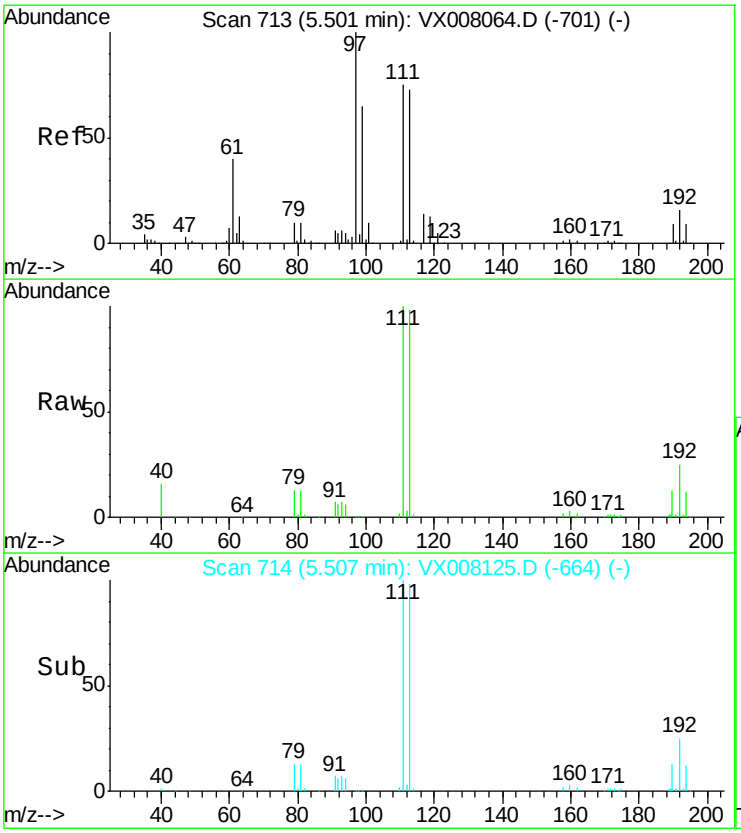

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-TT-AOC22-MW07-20190311

Tgt Ion:114 Resp: 372149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.2 | 0.0 | 39.8 |
| 88 | 15.2 | 0.0 | 31.4 |

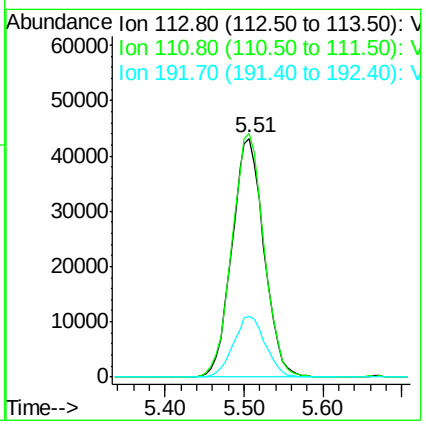


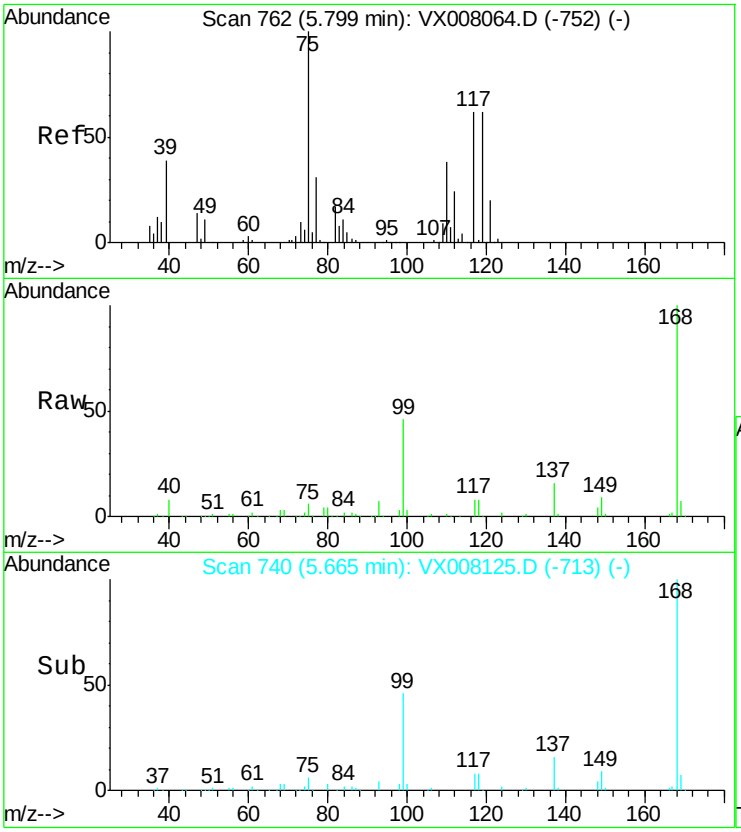




#35
Dibromofluoromethane
Concen: 51.608 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Tgt Ion:113 Resp: 121792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.8 | 81.4 | 122.0 |
| 192 | 25.5 | 19.4 | 29.0 |



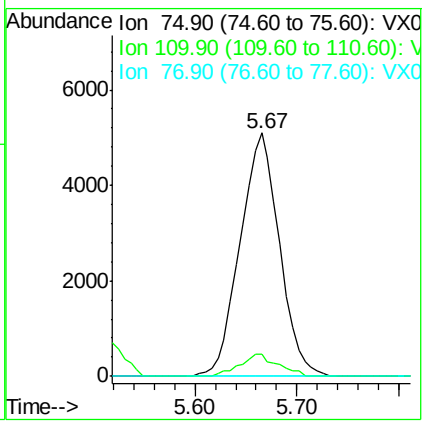


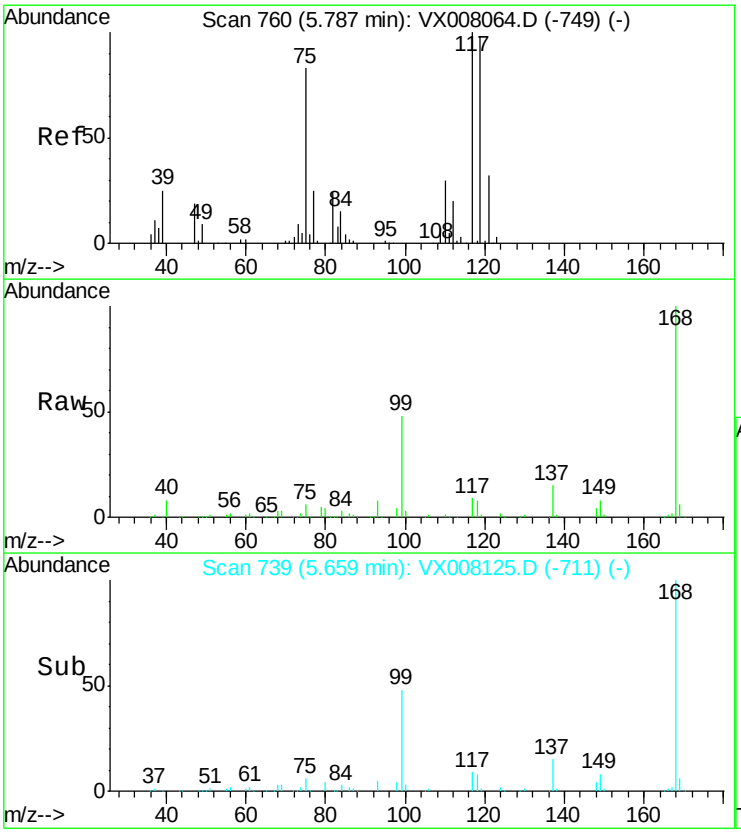

#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-TT-AOC22-MW07-20190311

Tgt Ion: 75 Resp: 13643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.8 | 18.4 | 55.0# |
| 77 | 0.0 | 25.0 | 37.4# |

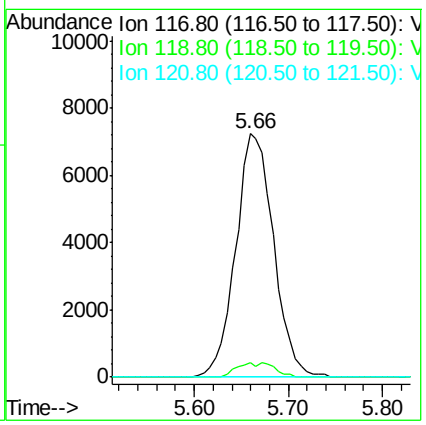


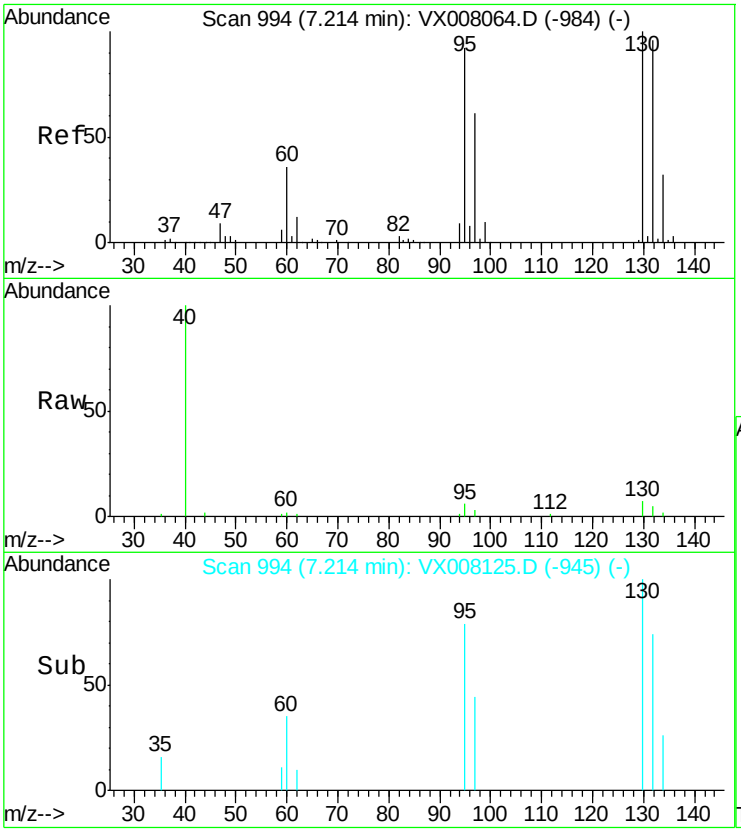




#38
Carbon Tetrachloride
Concen: 6.869 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Tgt Ion:117 Resp: 20242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.0 | 76.2 | 114.2# |
| 121 | 0.0 | 24.6 | 36.8# |



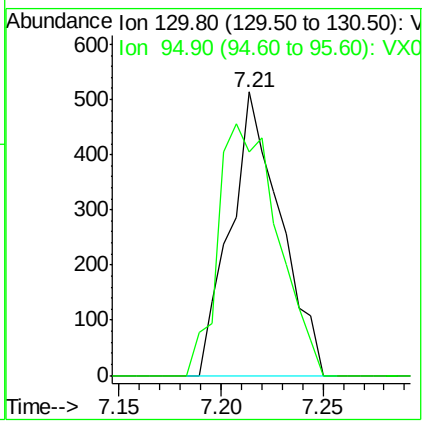


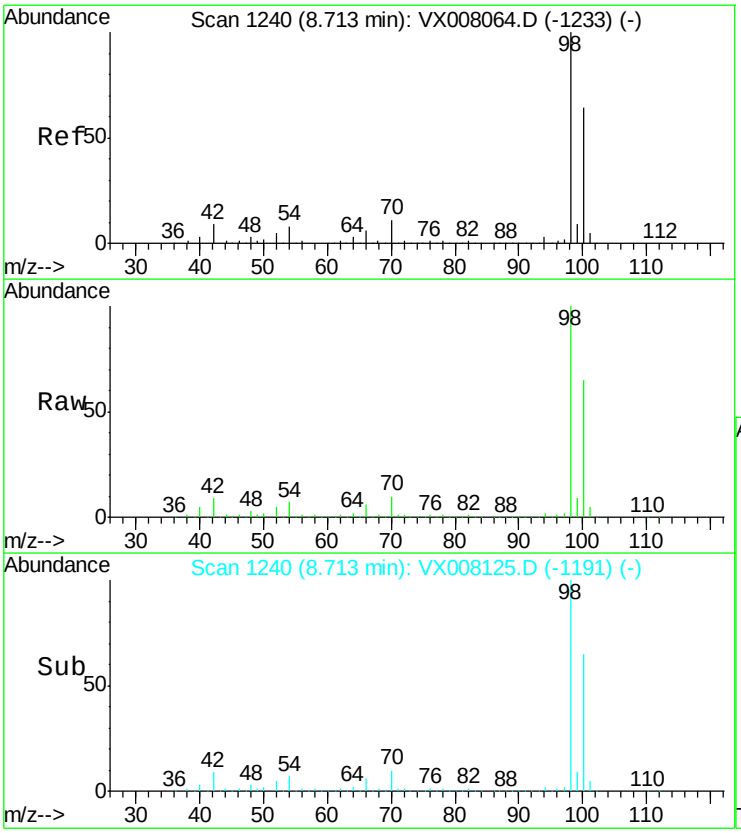

#44
Trichloroethene
Concen: 0.324 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-TT-AOC22-MW07-20190311

Tgt Ion:130 Resp: 878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 78.8 | 0.0 | 188.0 |

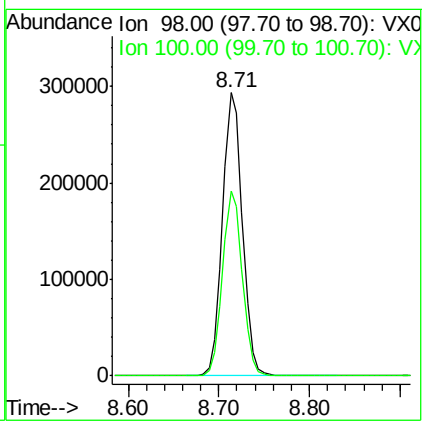


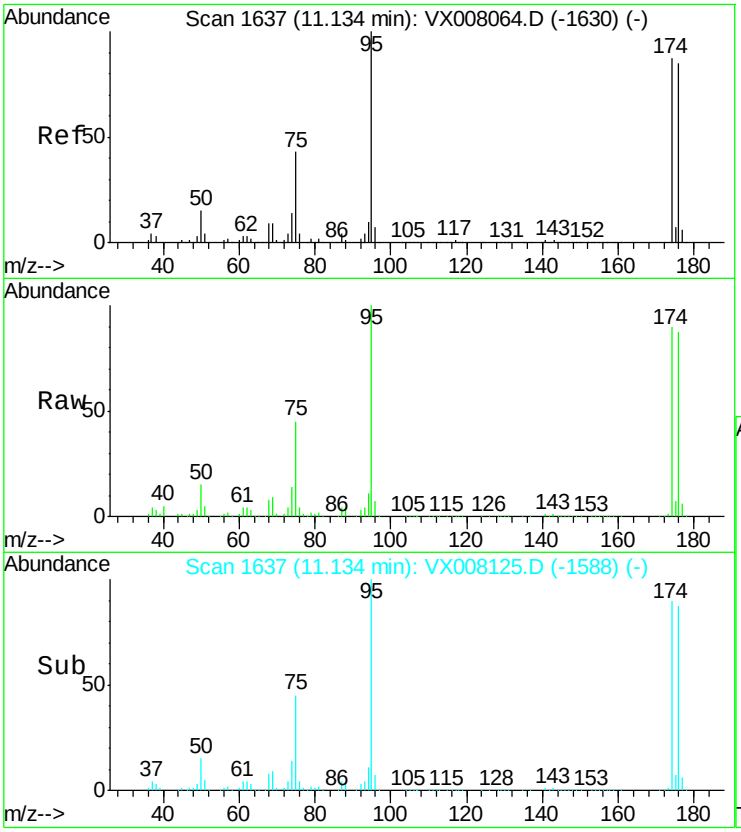




#50
Toluene-d8
Concen: 49.996 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Tgt Ion: 98 Resp: 448747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.9 | 51.7 | 77.5 |



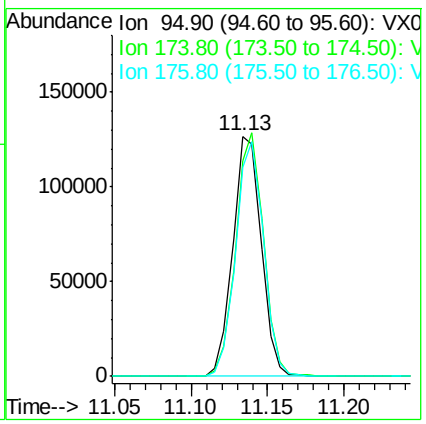


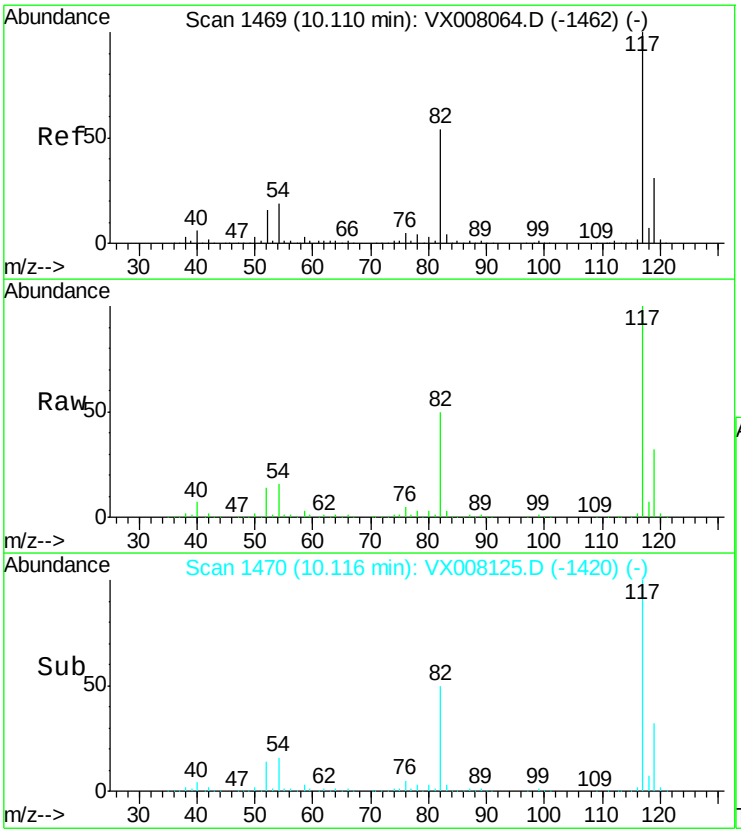

#62
4-Bromofluorobenzene
Concen: 50.801 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-TT-AOC22-MW07-20190311

Tgt Ion: 95 Resp: 163345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 99.1 | 0.0 | 182.8 |
| 176 | 96.0 | 0.0 | 178.0 |

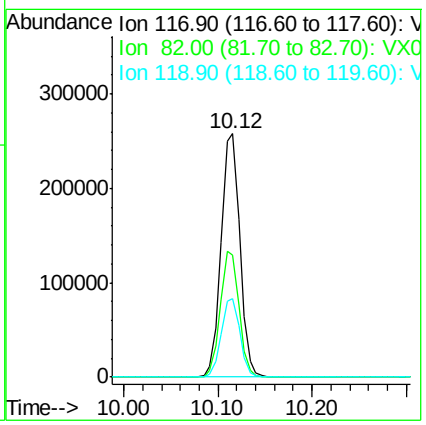


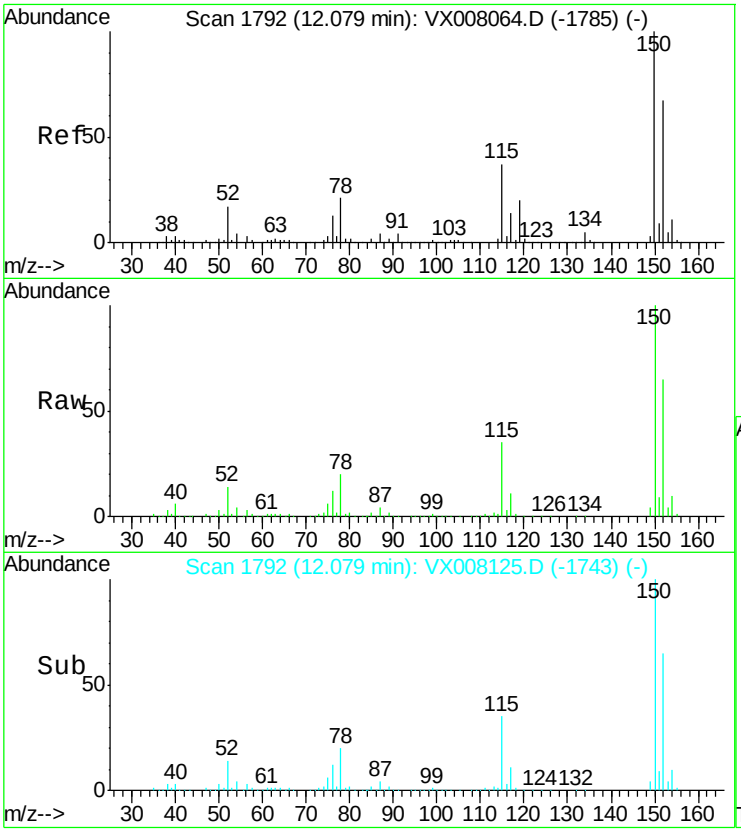




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Tgt Ion:117 Resp: 356466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.3 | 44.3 | 66.5 |
| 119 | 32.5 | 25.3 | 37.9 |



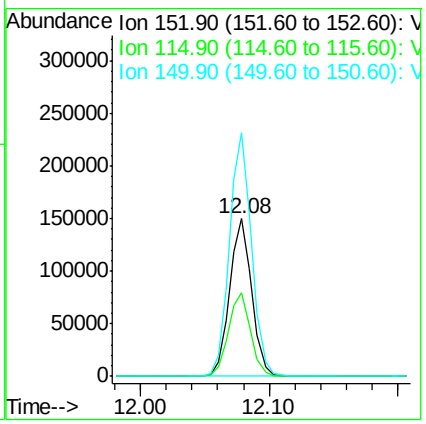


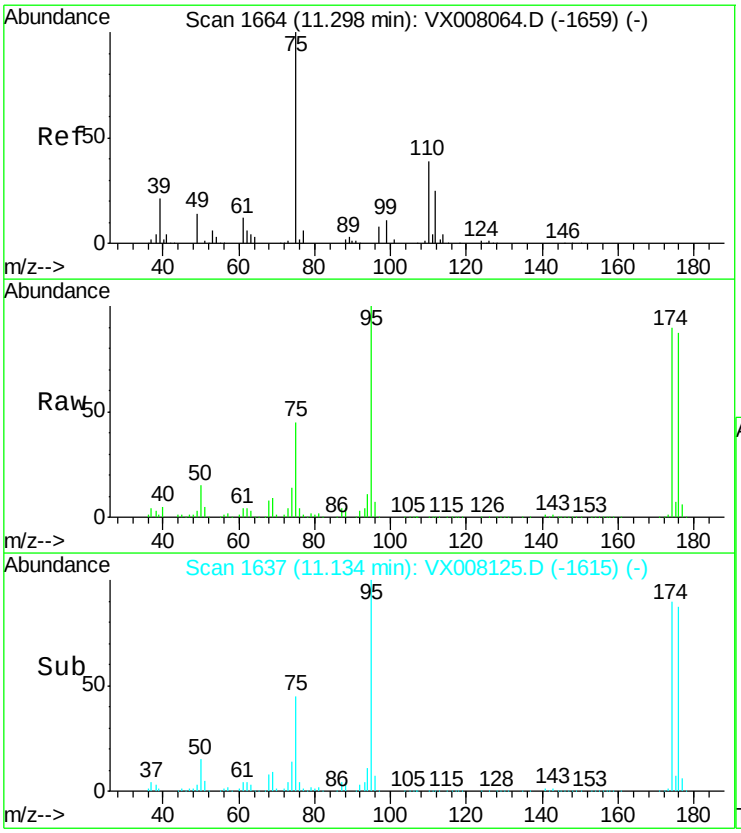

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-TT-AOC22-MW07-20190311

Tgt Ion:152 Resp: 179873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.3 | 38.6 | 115.7 |
| 150 | 154.9 | 0.0 | 348.4 |

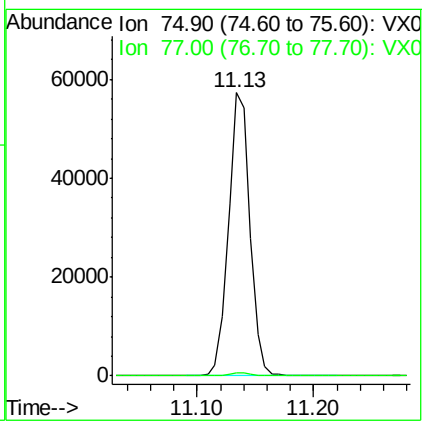


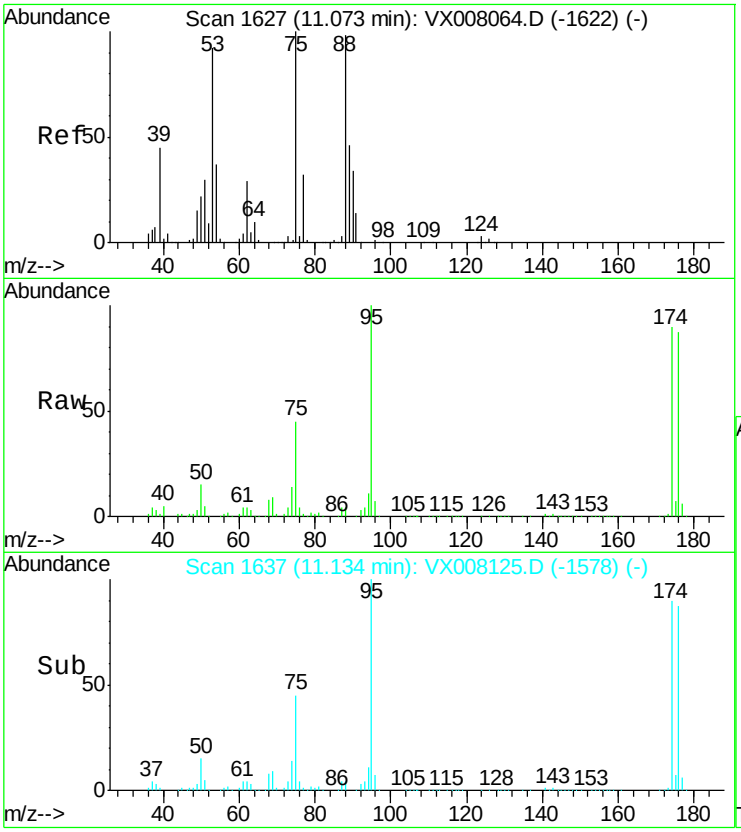




#76
1,2,3-Trichloropropane
Concen: 23.501 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

Tgt Ion: 75 Resp: 73415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 18.9 | 56.7# |






#81
trans-1,4-Dichloro-2-butene
Concen: 66.876 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008125.D
Acq: 15 Mar 2019 23:57

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-TT-AOC22-MW07-20190311

Tgt Ion: 75 Resp: 73415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 76.1 | 114.1# |
| 89 | 0.0 | 36.3 | 54.5# |