Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004750.D
Acq On : 27 Sep 2018 03:45
Operator : JC/MD
Sample : J5029-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** T11-MW-9-9.0-092018

Quant Time: Sep 27 05:23:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 267719 | 50.00 | ug/l | 0.01 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 407117 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 376517 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 212022 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 197534 | 51.65 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.30% | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 170529 | 49.42 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.84% | | | |
| 50) Toluene-d8 | 8.72 | 98 | 562521 | 49.04 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.08% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 203931 | 49.35 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.70% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.65 | 94 | 717 | 0.291 | ug/l | 90 |
| 6) Chloroethane | 1.71 | 64 | 4728 | Below Cal | # | 51 |
| 13) Acrolein | 2.29 | 56 | 309 | 0.406 | ug/l # | 70 |
| 16) Acetone | 2.45 | 43 | 6530 | 2.925 | ug/l # | 87 |
| 20) Methylene Chloride | 2.86 | 84 | 1859 | Below Cal | # | 89 |
| 29) Tetrahydrofuran | 5.15 | 42 | 532 | 0.260 | ug/l # | 31 |
| 31) Cyclohexane | 5.66 | 56 | 4940 | 1.015 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 18888 | 4.012 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 24744 | 5.000 | ug/l # | 16 |
| 56) Ethyl methacrylate | 9.02 | 69 | 18 | 2.865 | ug/l # | 1 |
| 70) Styrene | 10.71 | 104 | 120 | 2.152 | ug/l # | 77 |
| 74) N-amyl acetate | 10.90 | 43 | 196 | 1.774 | ug/l # | 40 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 101117 | 21.278 | ug/l # | 37 |
| 80) 1,3,5-Trimethylbenzene | 11.50 | 105 | 163 | Below Cal | # | 62 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 101117 | 57.714 | ug/l # | 10 |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105 | 270 | Below Cal | | 90 |
| 95) Naphthalene | 13.83 | 128 | 654 | 0.756 | ug/l # | 88 |

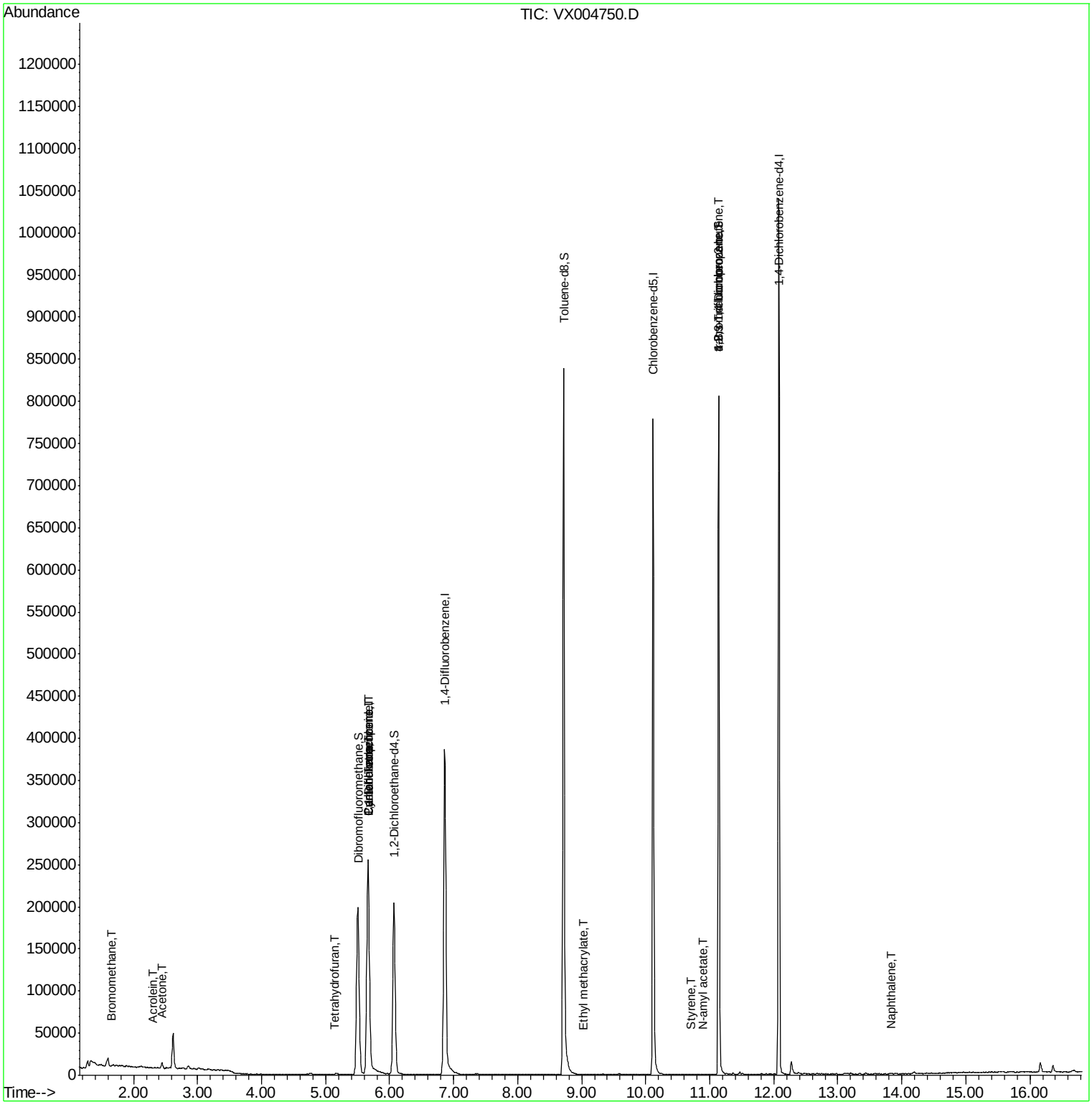
(#) = qualifier out of range (m) = manual integration (+) = signals summed

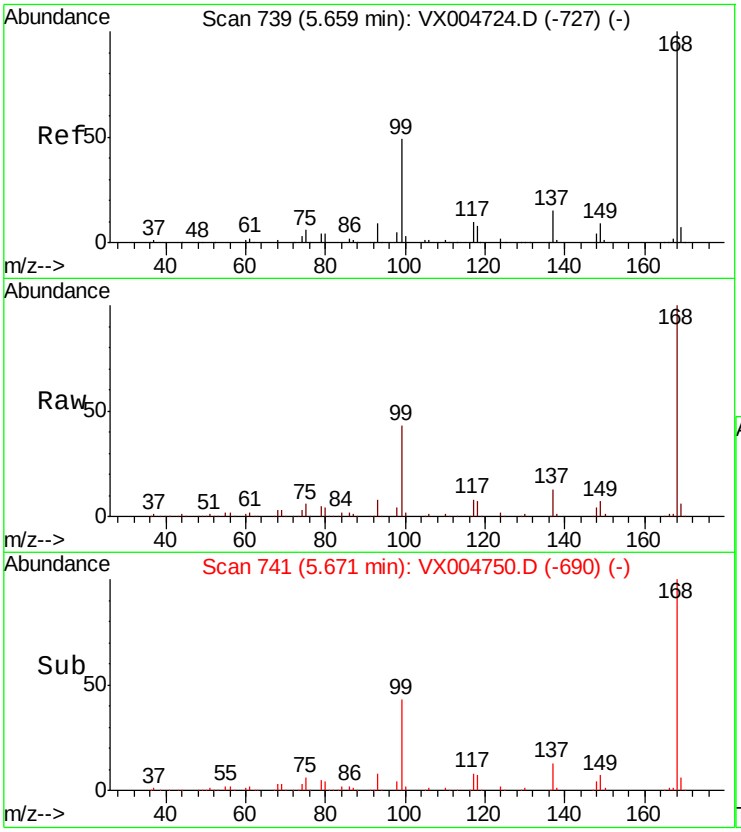
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004750.D
Acq On : 27 Sep 2018 03:45
Operator : JC/MD
Sample : J5029-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** T11-MW-9-9.0-092018

Quant Time: Sep 27 05:23:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration



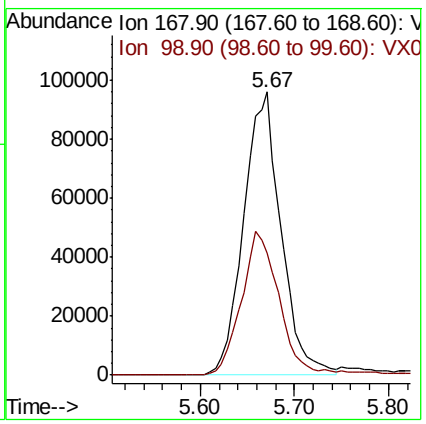


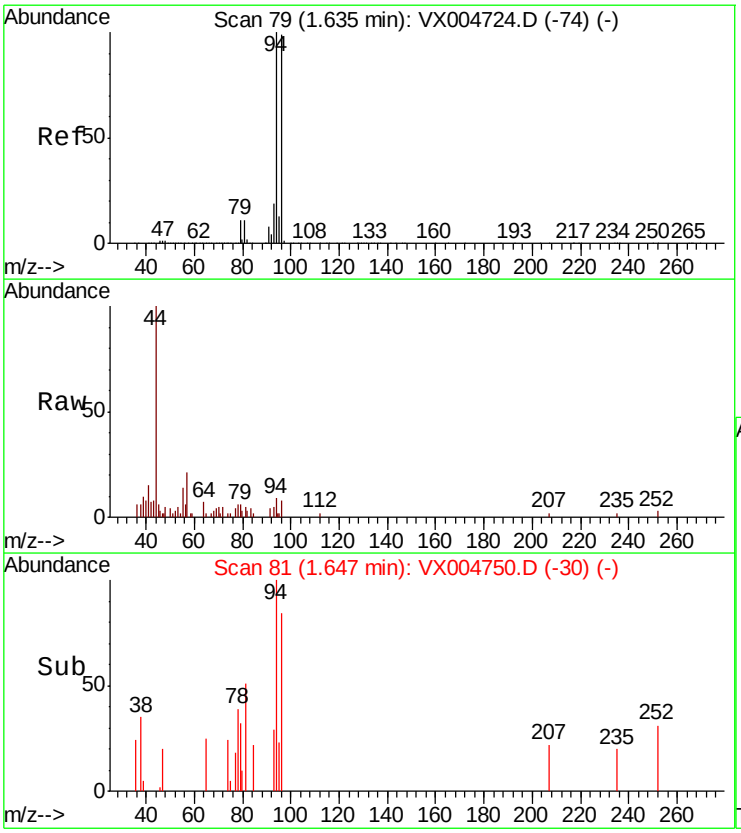

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.01 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-9-9.0-092018

Tgt Ion:168 Resp: 267719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 43.4 | 39.9 | 59.9 |

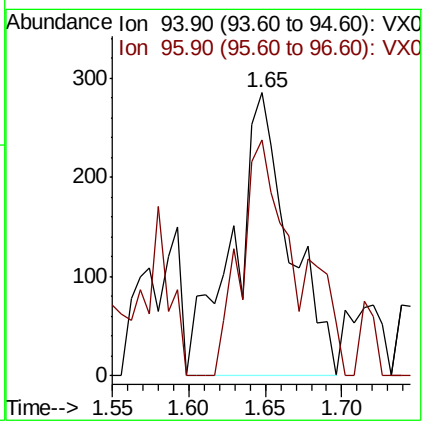


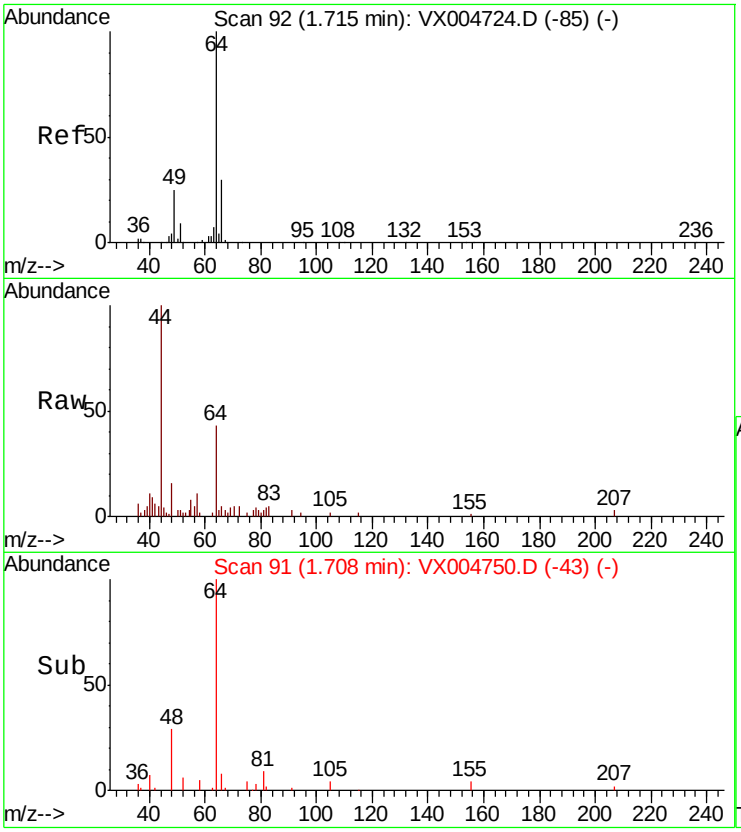




#5
Bromomethane
Concen: 0.291 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

Tgt Ion: 94 Resp: 717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 83.5 | 74.5 | 111.7 |



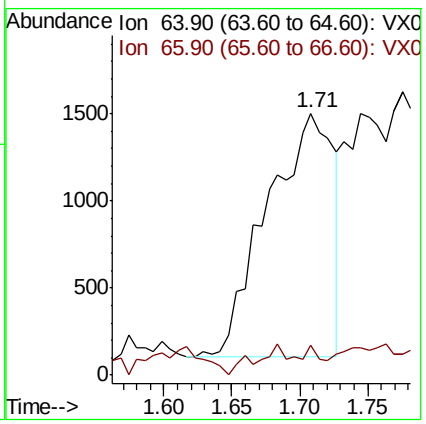


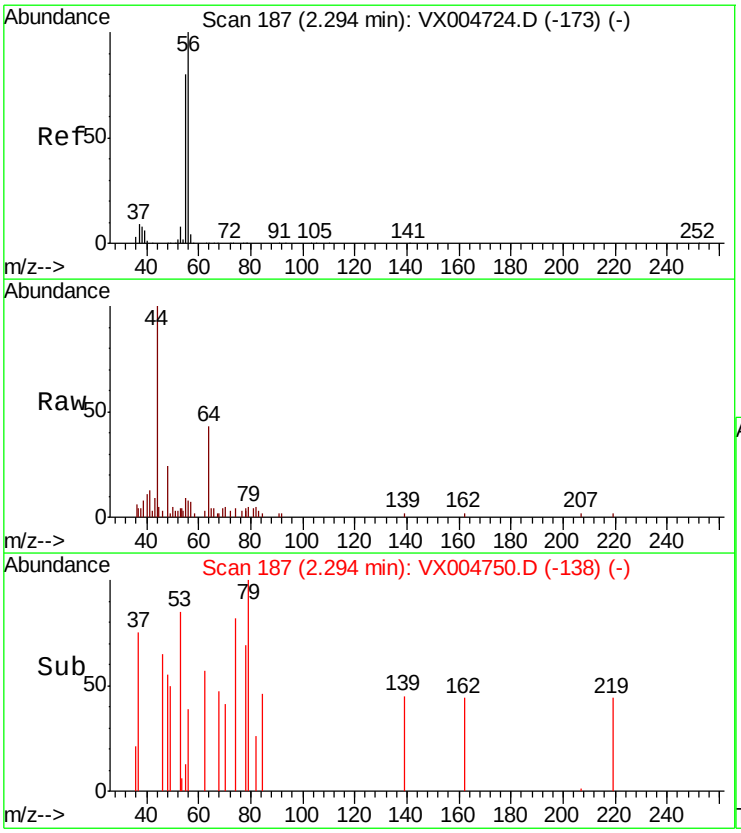

#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 91
Delta R.T. -0.01 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-9-9.0-092018

Tgt Ion: 64 Resp: 4728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 3.8 | 24.6 | 36.8# |

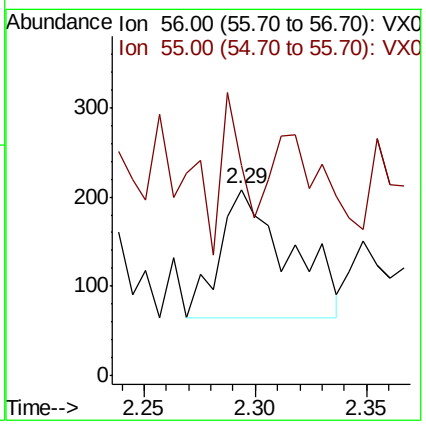


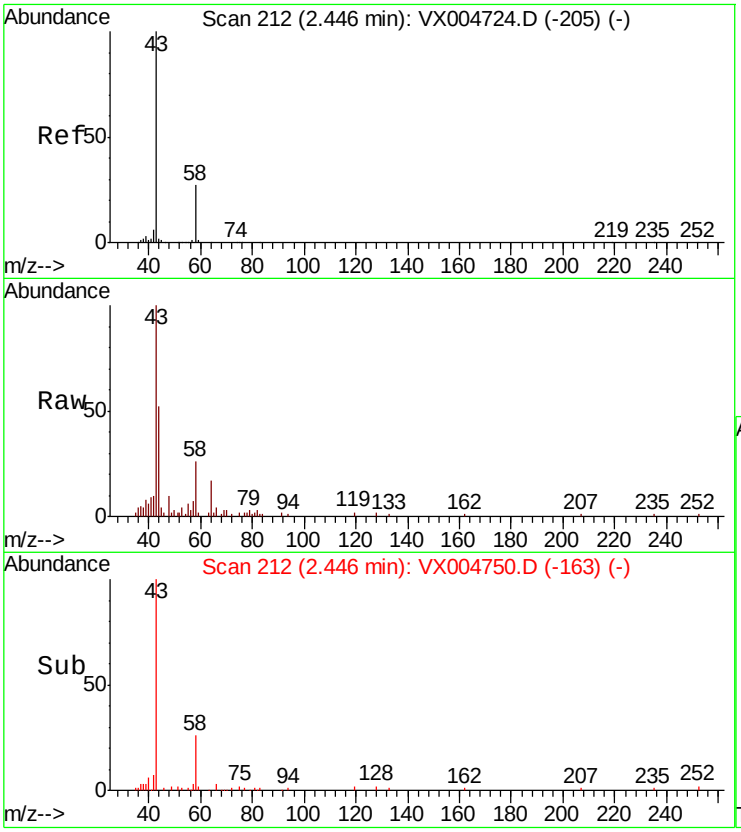




#13
Acrolein
Concen: 0.406 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

Tgt Ion: 56 Resp: 309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 44.3 | 54.7 | 82.1# |



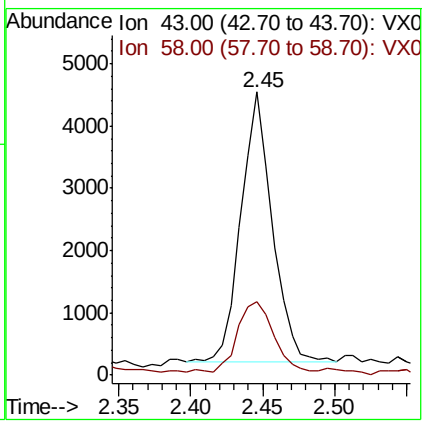


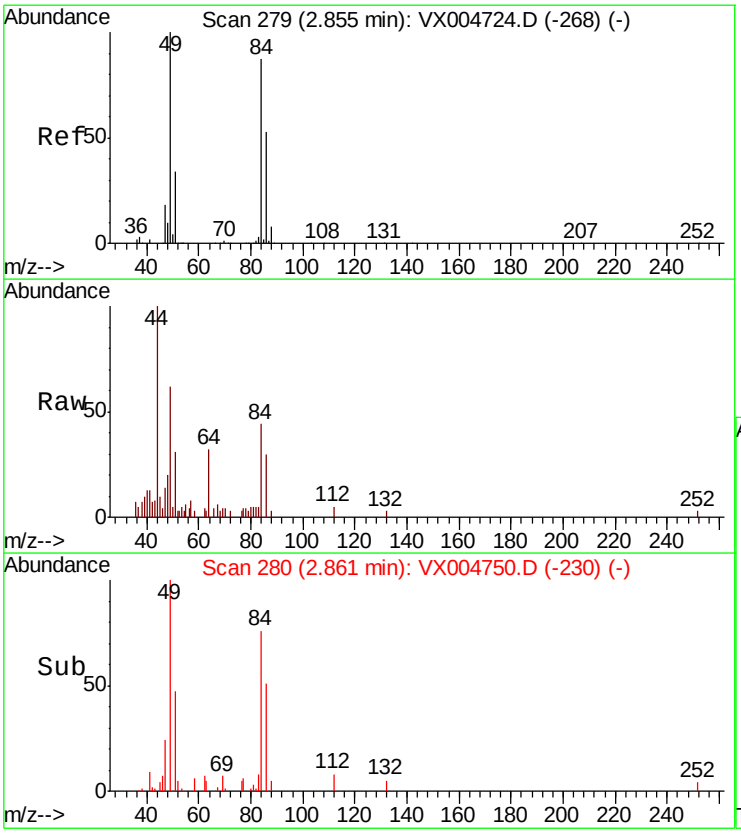

#16
Acetone
Concen: 2.925 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :** MSVOA_X
**ClientSampleId :** T11-MW-9-9.0-092018

Tgt Ion: 43 Resp: 6530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.7 | 26.2 | 39.4# |

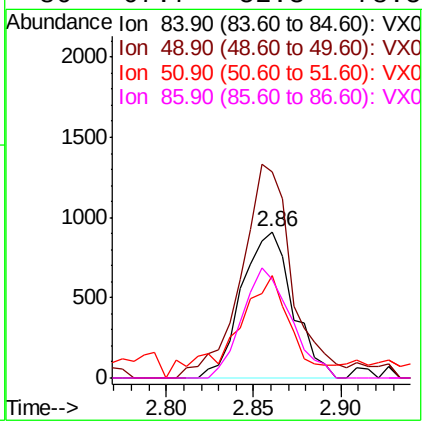


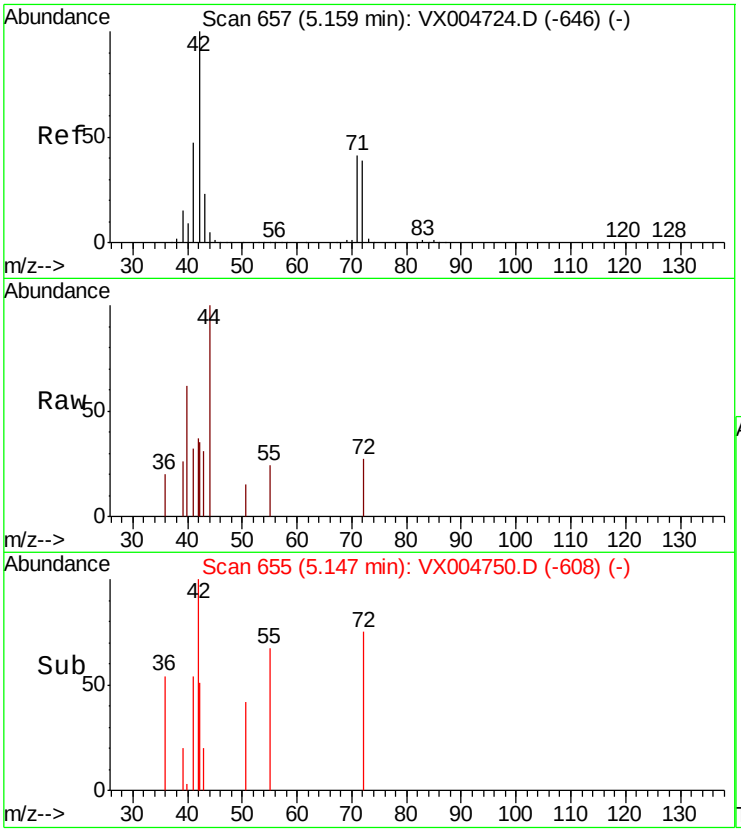




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

Tgt Ion: 84 Resp: 1859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 133.7 | 101.2 | 151.8 |
| 51 | 61.9 | 29.5 | 44.3# |
| 86 | 67.7 | 52.3 | 78.5 |



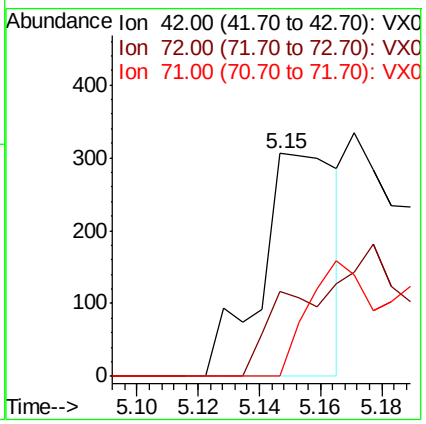


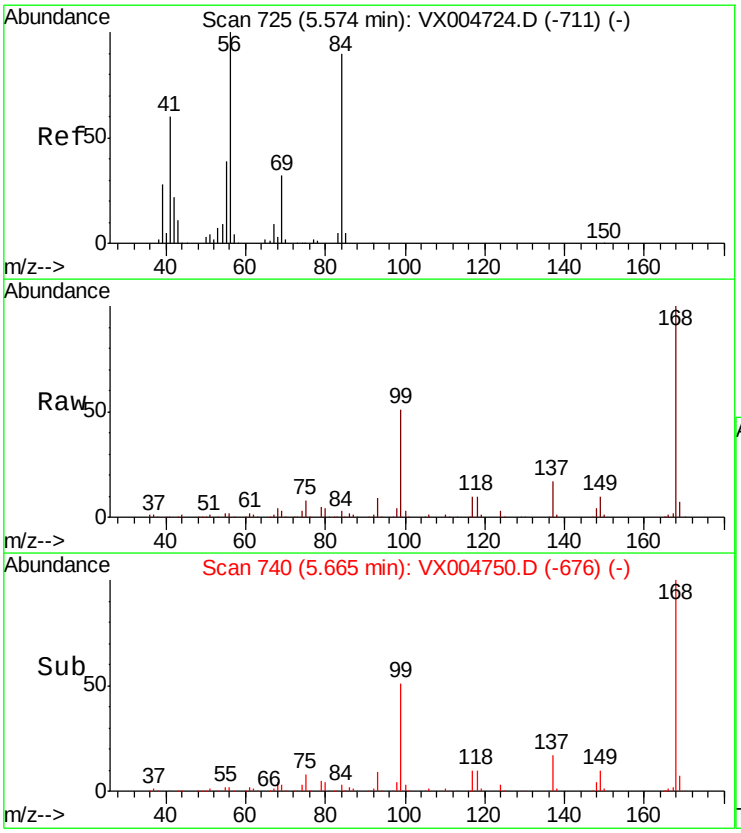

#29
Tetrahydrofuran
Concen: 0.260 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-9-9.0-092018

Tgt Ion: 42 Resp: 532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 37.4 | 56.0# |
| 71 | 0.0 | 34.5 | 51.7# |

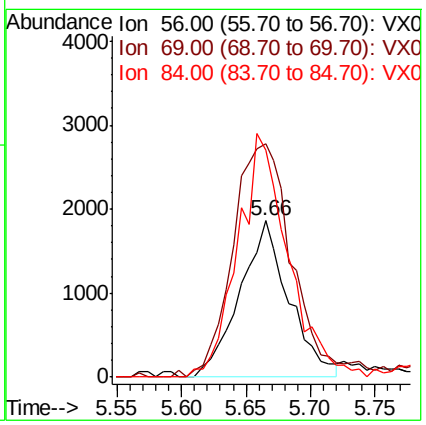


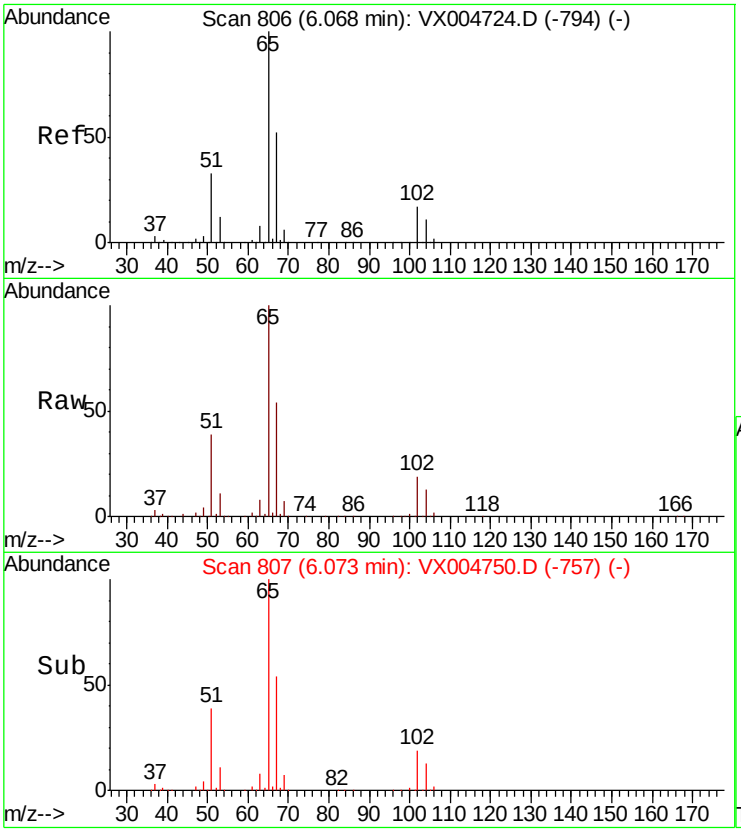




#31
Cyclohexane
Concen: 1.015 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

Tgt Ion: 56 Resp: 4940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 149.6 | 25.4 | 38.2# |
| 84 | 145.1 | 71.4 | 107.2# |



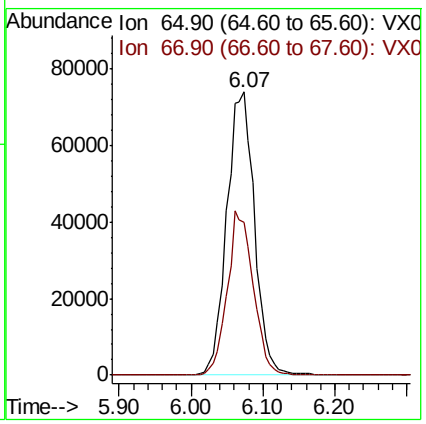


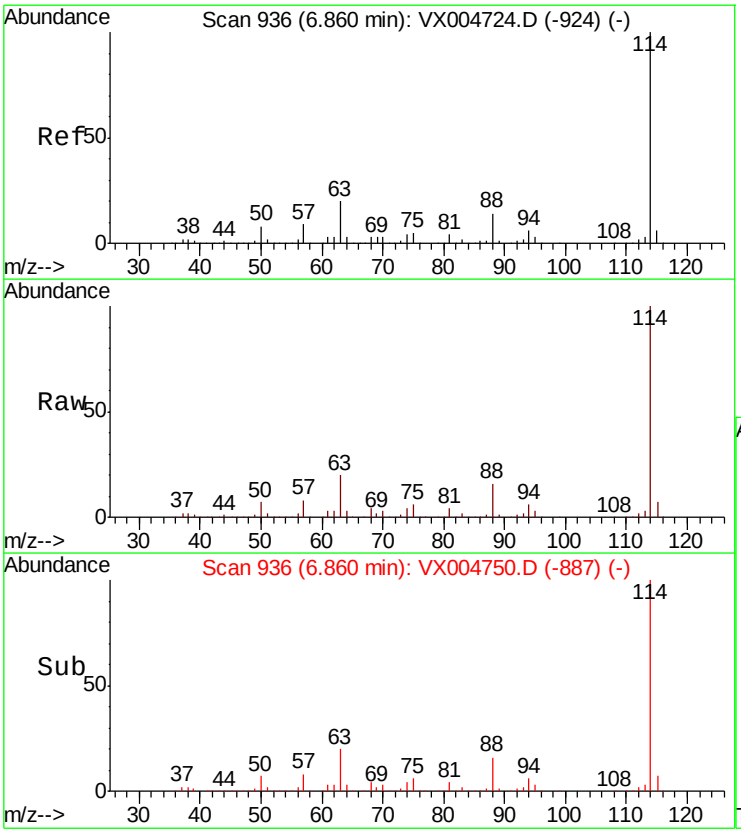

#33
1,2-Dichloroethane-d4
Concen: 51.651 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-9-9.0-092018

Tgt Ion: 65 Resp: 197534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.5 | 0.0 | 106.8 |

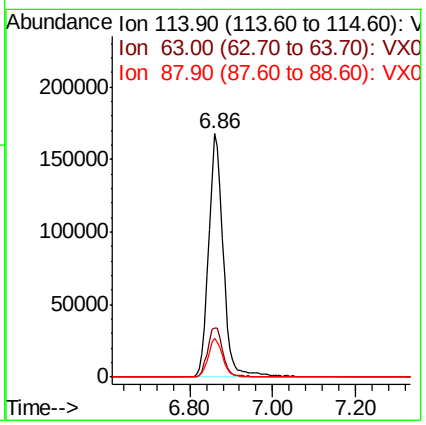


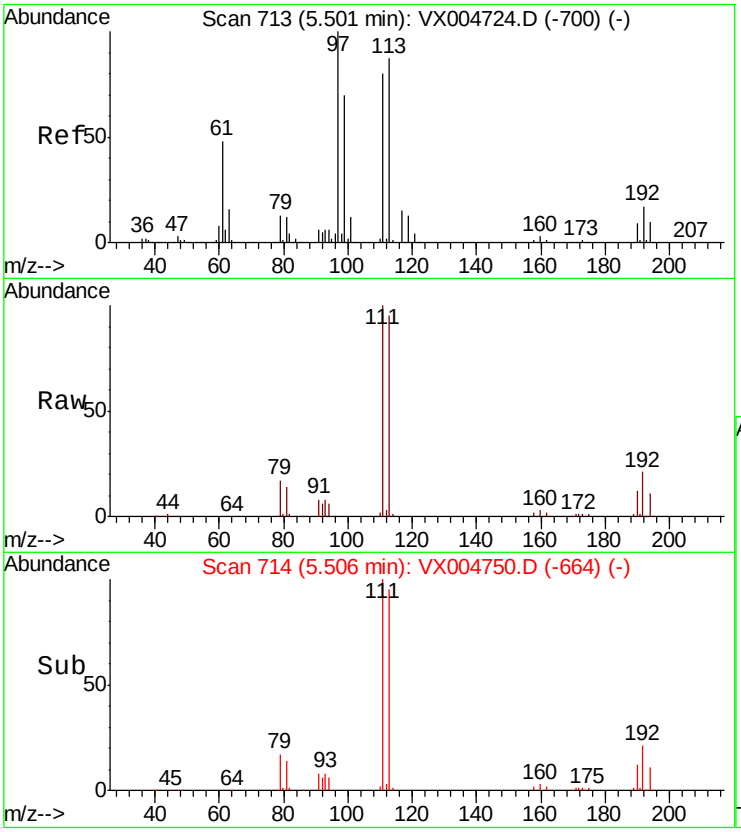




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

Tgt Ion:114 Resp: 407117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.0 | 0.0 | 39.0 |
| 88 | 15.8 | 0.0 | 30.4 |



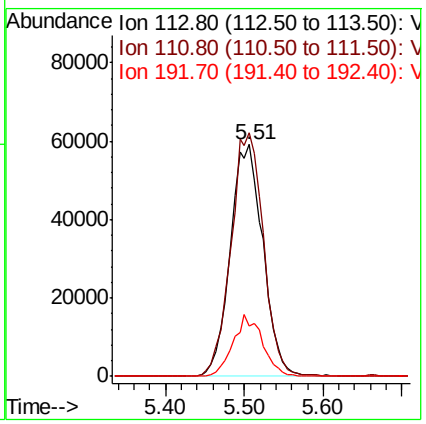


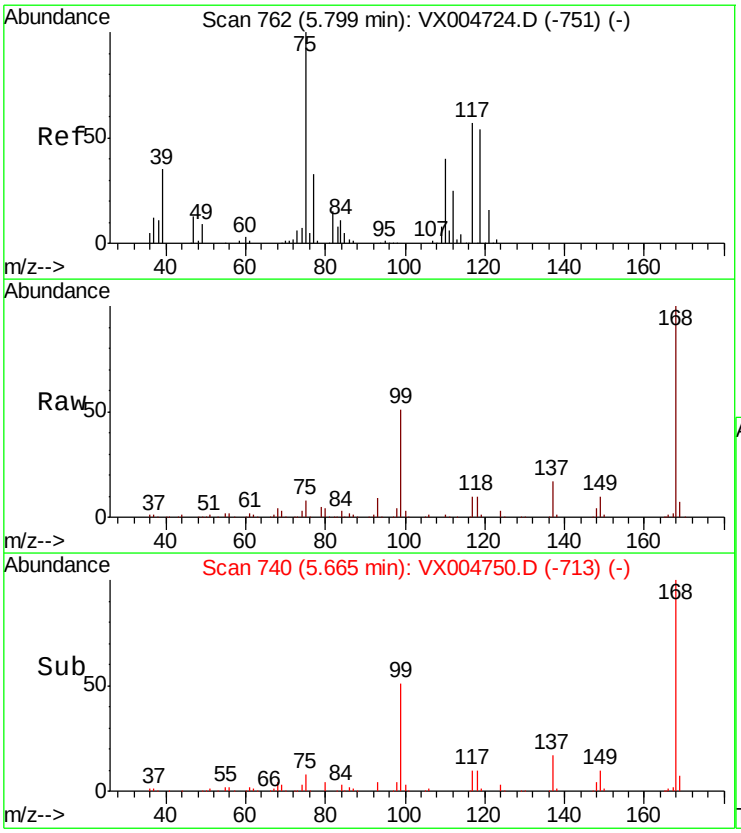

#35
Dibromofluoromethane
Concen: 49.423 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-9-9.0-092018

Tgt Ion:113 Resp: 170529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.5 | 82.4 | 123.6 |
| 192 | 23.9 | 19.4 | 29.2 |

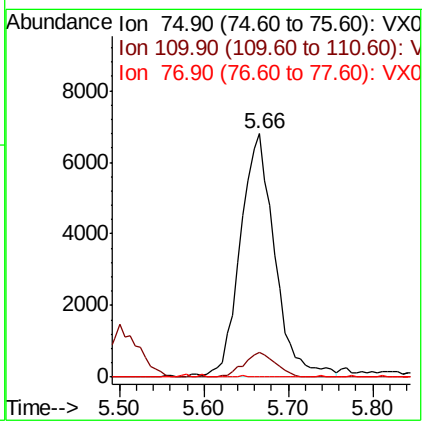


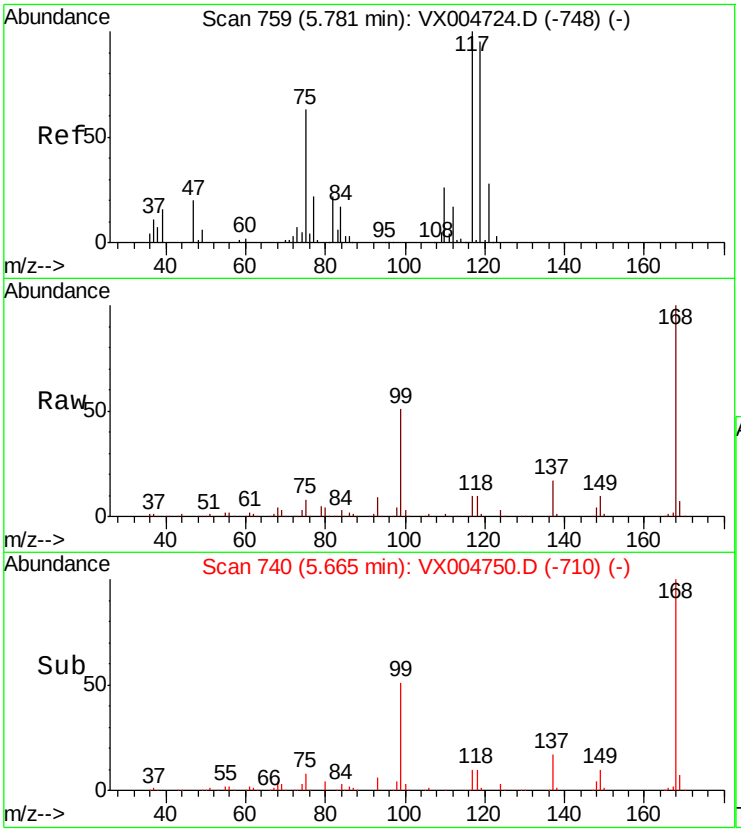




#36
1,1-Dichloropropene
Concen: 4.012 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

Tgt Ion: 75 Resp: 18888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.3 | 18.0 | 54.0# |
| 77 | 0.1 | 24.6 | 36.8# |



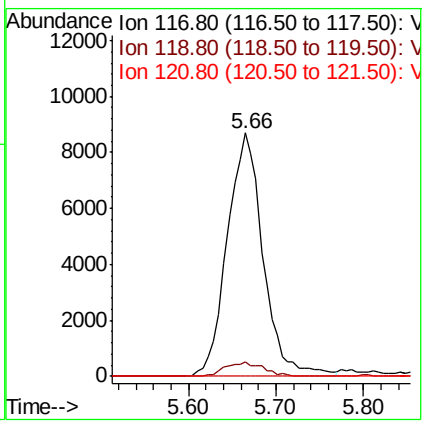


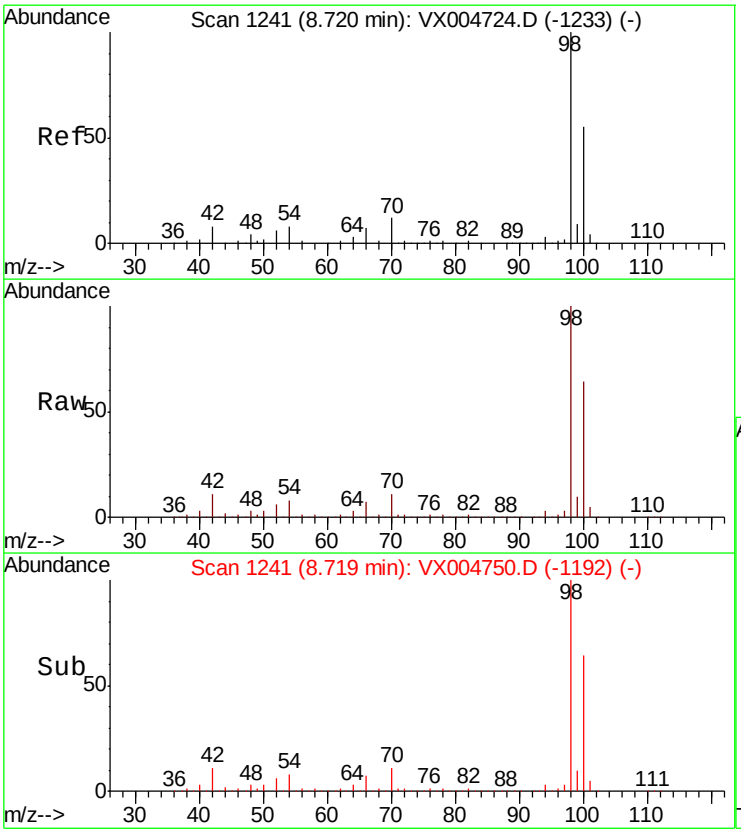

#38
Carbon Tetrachloride
Concen: 5.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-9-9.0-092018

Tgt Ion:117 Resp: 24744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.0 | 78.8 | 118.2# |
| 121 | 0.0 | 24.9 | 37.3# |

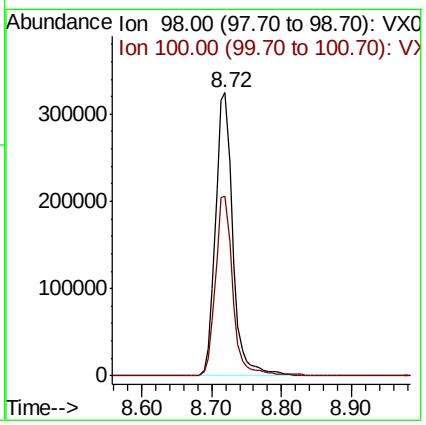


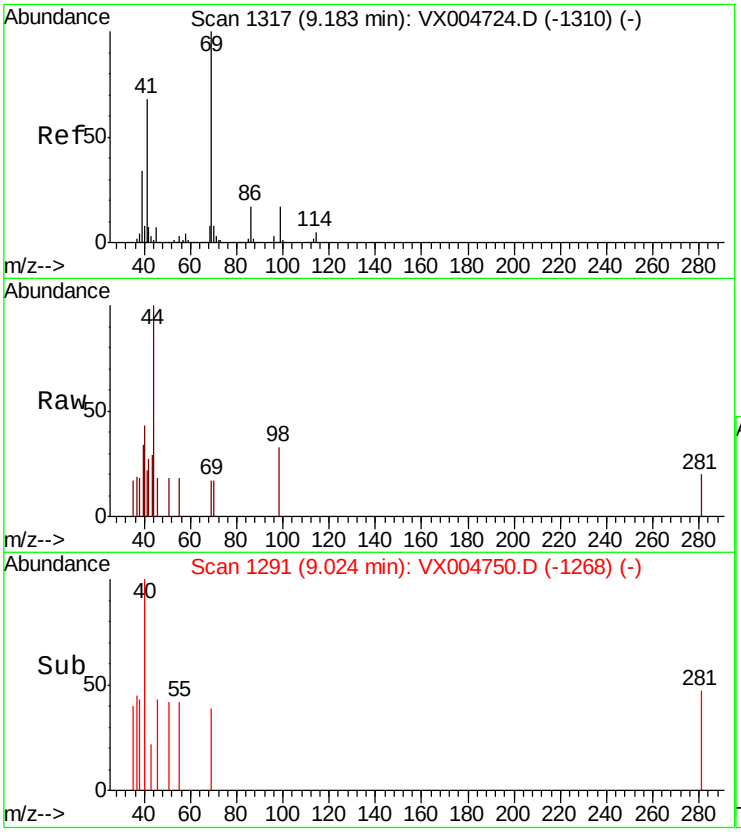




#50
Toluene-d8
Concen: 49.040 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

Tgt Ion: 98 Resp: 562521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.3 | 52.9 | 79.3 |



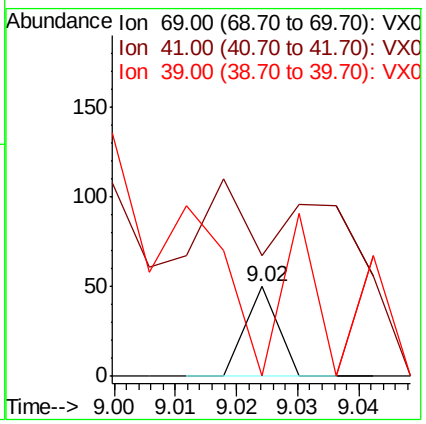


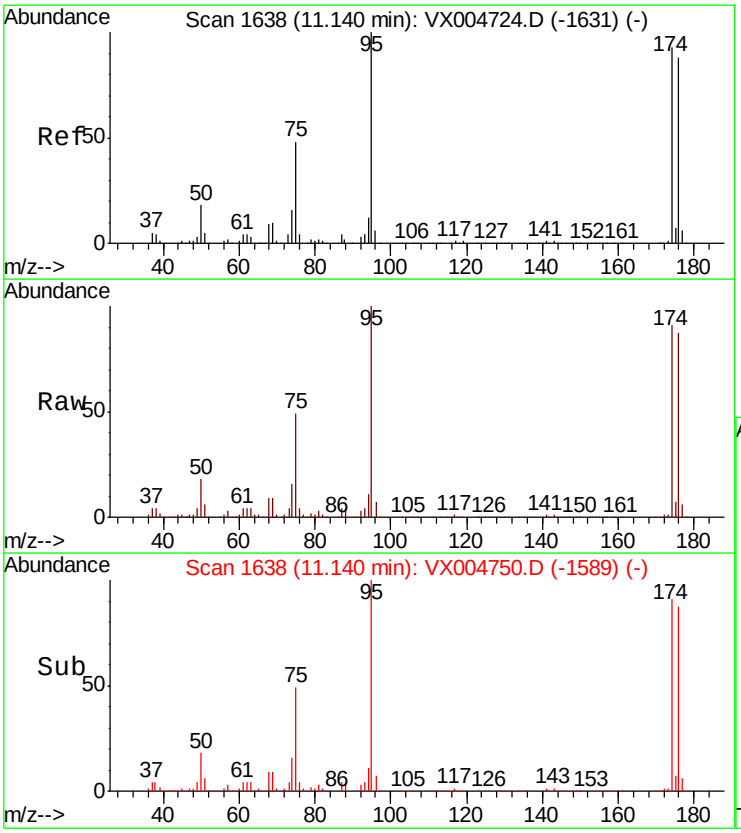

#56
Ethyl methacrylate
Concen: 2.865 ug/l
RT: 9.02 min Scan# 1291
Delta R.T. -0.16 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-9-9.0-092018

Tgt Ion: 69 Resp: 18

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 272.2 | 51.0 | 76.4# |
| 39 | 322.2 | 26.1 | 39.1# |

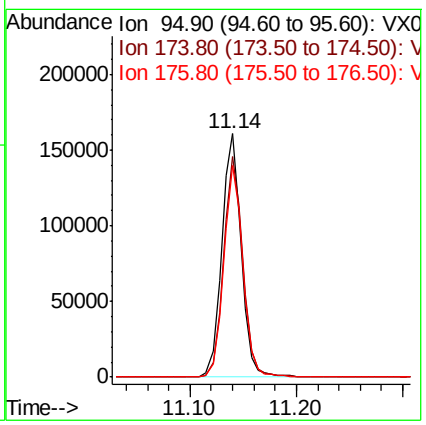


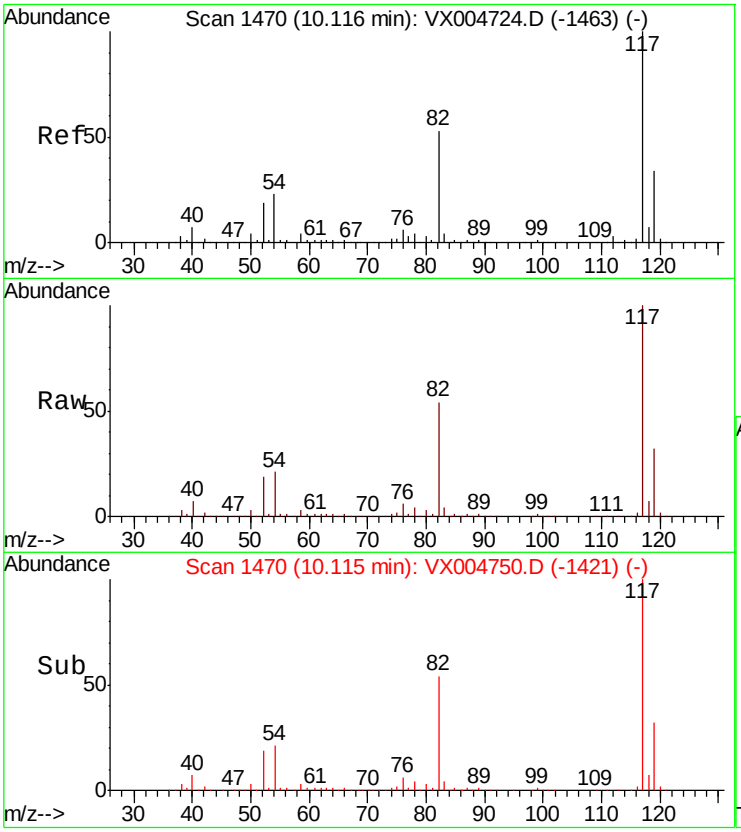




#62
4-Bromofluorobenzene
Concen: 49.349 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

Tgt Ion: 95 Resp: 203931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 90.4 | 0.0 | 185.2 |
| 176 | 86.5 | 0.0 | 178.6 |



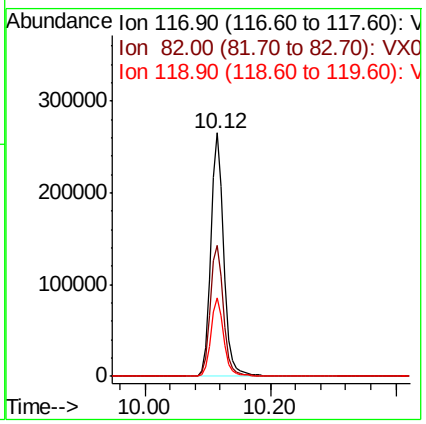


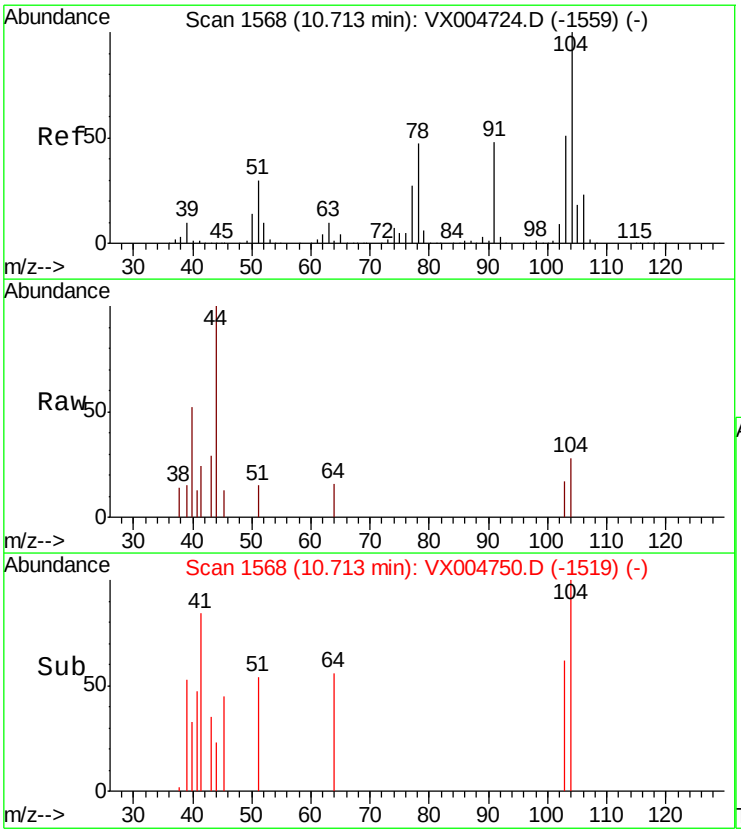

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :** MSVOA_X
**ClientSampleId :** T11-MW-9-9.0-092018

Tgt Ion:117 Resp: 376517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.1 | 47.8 | 71.6 |
| 119 | 32.1 | 29.3 | 43.9 |

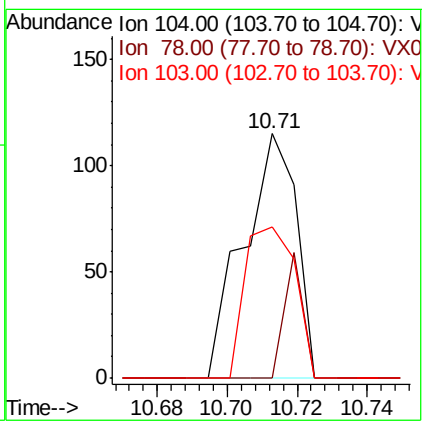


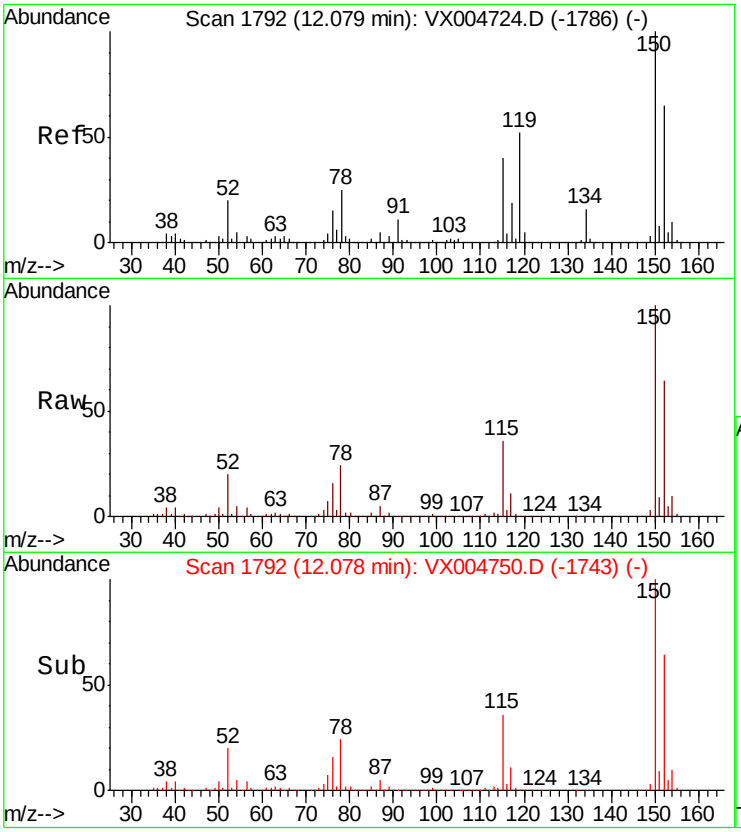




#70
Styrene
Concen: 2.152 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

Tgt Ion:104 Resp: 120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 18.3 | 37.4 | 56.0# |
| 103 | 59.2 | 43.8 | 65.6 |



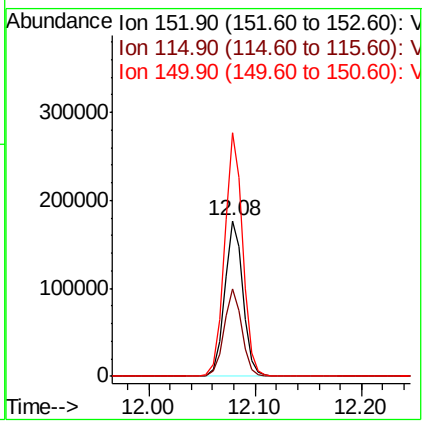


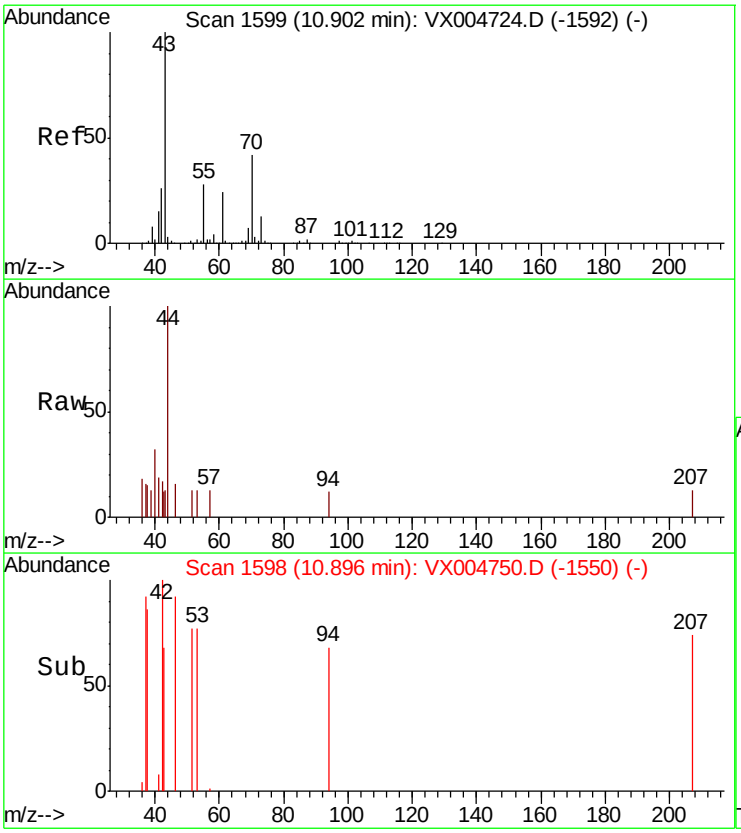

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-9-9.0-092018

Tgt Ion:152 Resp: 212022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.9 | 39.0 | 117.0 |
| 150 | 155.0 | 0.0 | 351.0 |

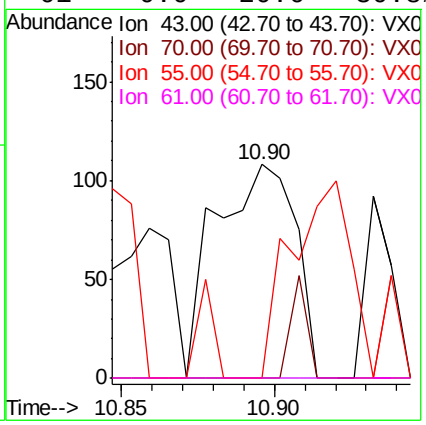


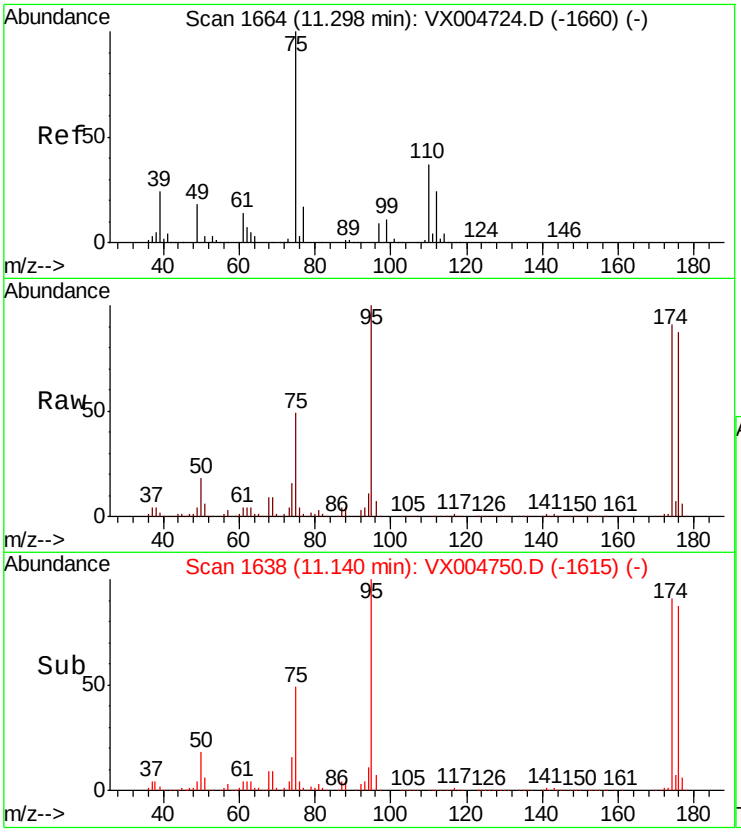




#74
N-amyl acetate
Concen: 1.774 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

Tgt Ion: 43 Resp: 196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 37.4 | 56.0# |
| 55 | 0.0 | 21.8 | 32.8# |
| 61 | 0.0 | 20.6 | 30.8# |



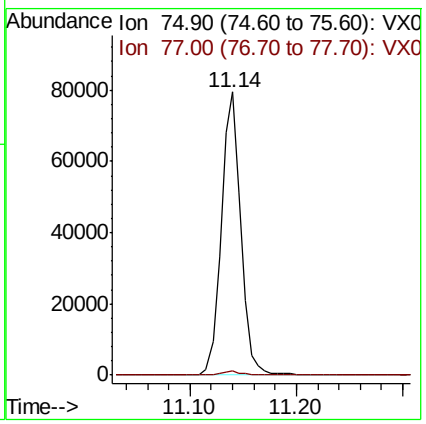


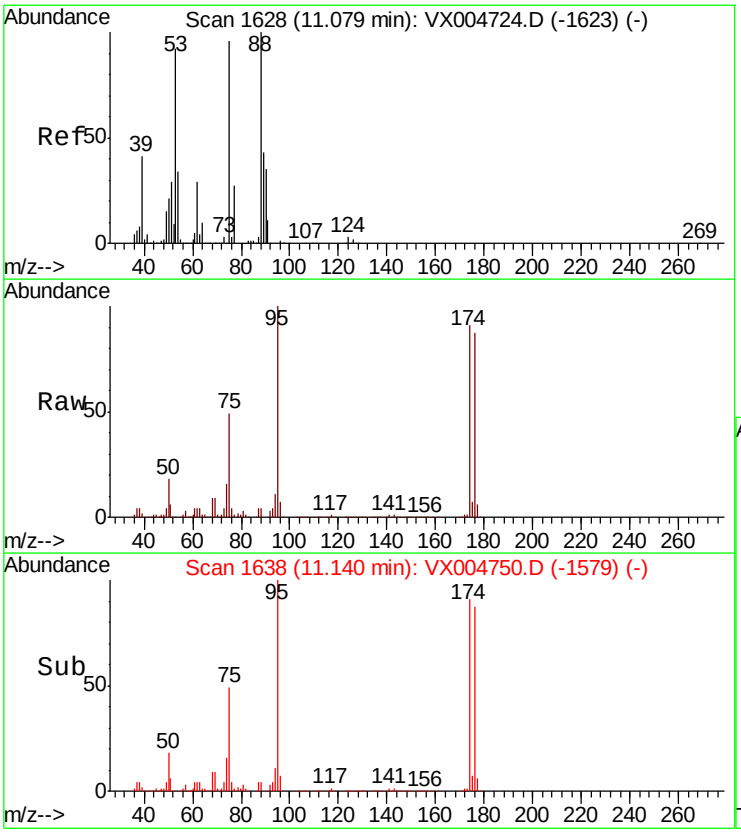

#76
1,2,3-Trichloropropane
Concen: 21.278 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-9-9.0-092018

Tgt Ion: 75 Resp: 101117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.5 | 20.2 | 60.6# |

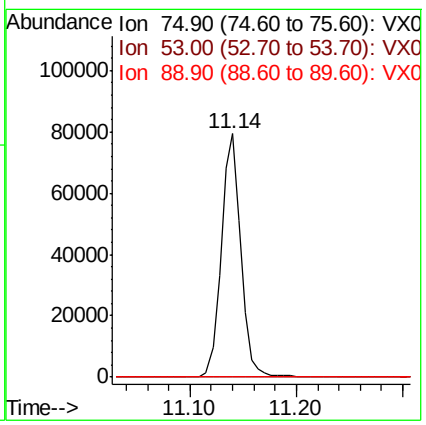


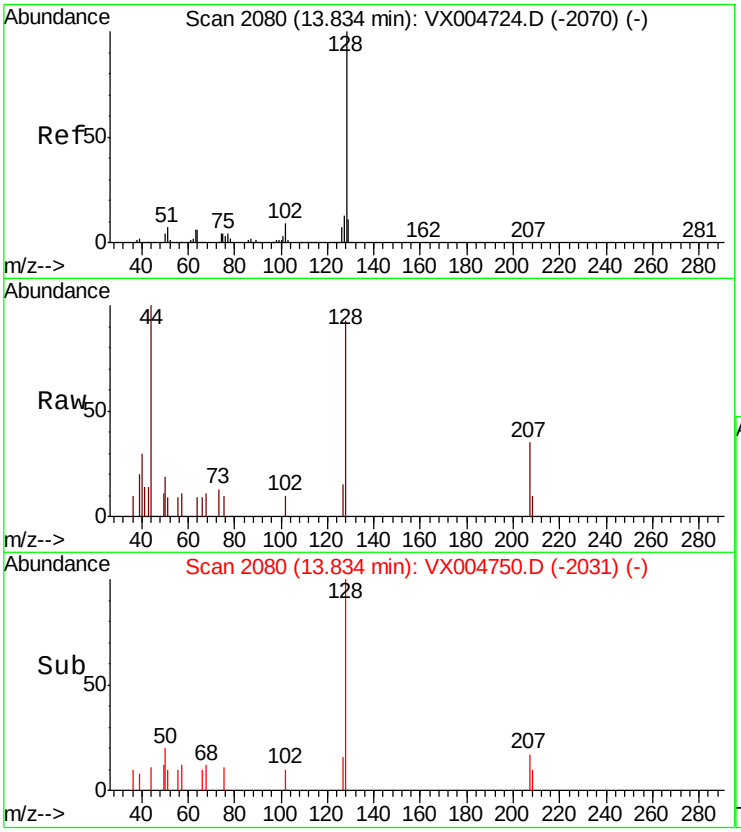




#81
trans-1,4-Dichloro-2-butene
Concen: 57.714 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

Tgt Ion: 75 Resp: 101117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.2 | 80.1 | 120.1# |
| 89 | 0.0 | 37.2 | 55.8# |






#95
Naphthalene
Concen: 0.756 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004750.D
Acq: 27 Sep 2018 03:45

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-9-9.0-092018

Tgt Ion:128 Resp: 654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 10.7 | 10.2 | 15.2 |
| 129 | 3.1 | 8.6 | 12.8# |