Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042518\
Data File : VX001126.D
Acq On : 25 Apr 2018 18:12
Operator : JC/MD
Sample : J2464-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :**

Quant Time: Apr 26 04:38:03 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 237768 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 329280 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 287692 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152 | 162938 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.08 | 65 | 173238 | 57.48 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 114.96% | | | |
| 35) Dibromofluoromethane | 5.51 | 113 | 132253 | 52.67 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.34% | | | |
| 50) Toluene-d8 | 8.72 | 98 | 504864 | 54.38 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 108.76% | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 176219 | 45.23 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.46% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Vinyl Chloride | 1.40 | 62 | 615 | 0.216 | ug/l | 89 |
| 5) Bromomethane | 1.66 | 94 | 325 | Below Cal | # | 78 |
| 10) Methyl Iodide | 2.52 | 142 | 227 | 7.678 | ug/l # | 41 |
| 11) Tert butyl alcohol | 3.07 | 59 | 1416 | 3.115 | ug/l # | 90 |
| 13) Acrolein | 2.31 | 56 | 93 | 11.562 | ug/l # | 1 |
| 16) Acetone | 2.45 | 43 | 3458 | 3.047 | ug/l | 96 |
| 18) Methyl Acetate | 2.62 | 43 | 6621 | 1.928 | ug/l # | 53 |
| 20) Methylene Chloride | 2.86 | 84 | 842 | Below Cal | # | 91 |
| 31) Cyclohexane | 5.67 | 56 | 4325 | 1.018 | ug/l # | 20 |
| 36) 1,1-Dichloropropene | 5.67 | 75 | 15190 | 3.926 | ug/l # | 49 |
| 38) Carbon Tetrachloride | 5.67 | 117 | 21050 | 5.372 | ug/l # | 16 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 91637 | 32.416 | ug/l # | 38 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 91637 | 96.264 | ug/l # | 8 |

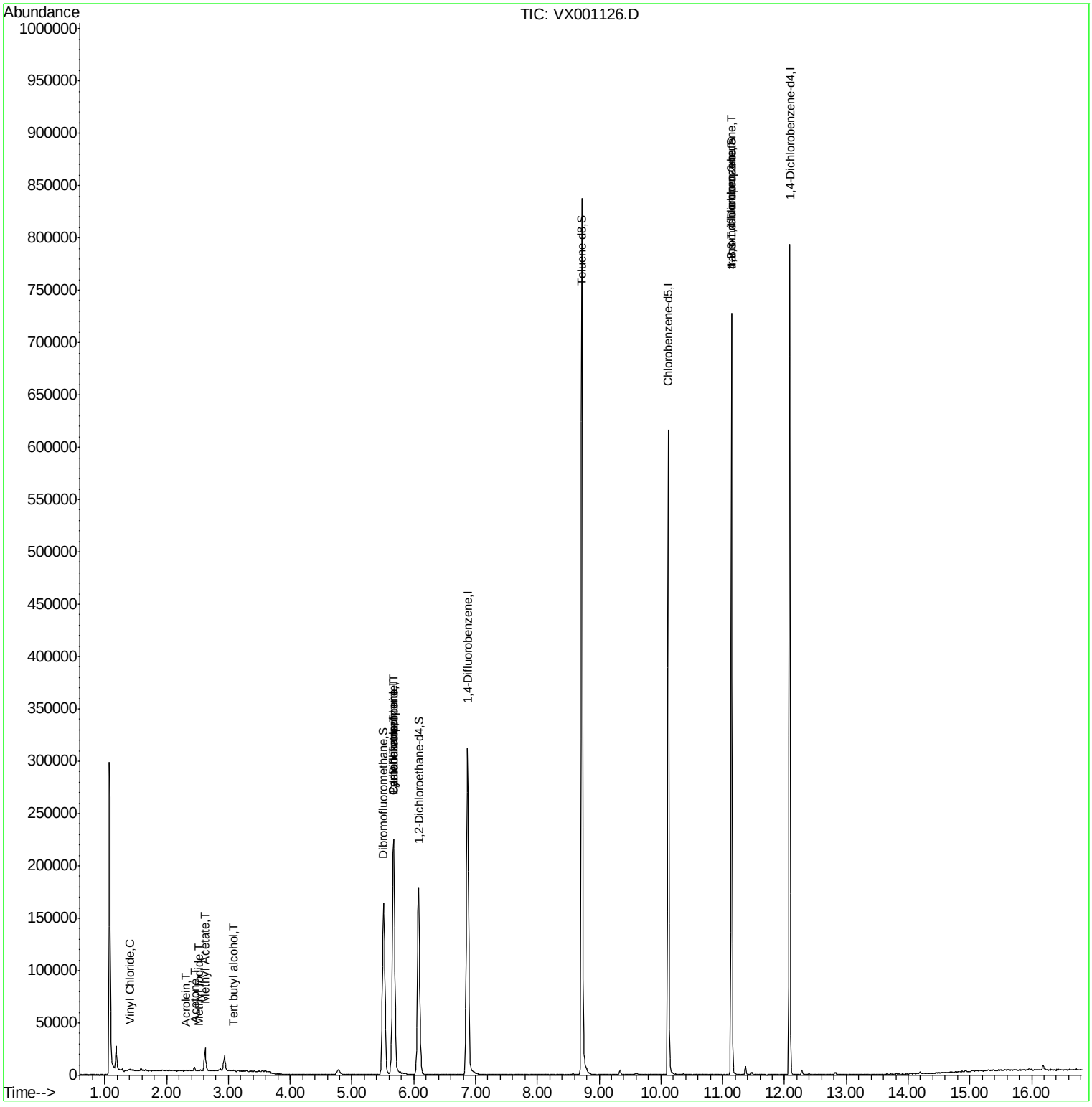
(#) = qualifier out of range (m) = manual integration (+) = signals summed

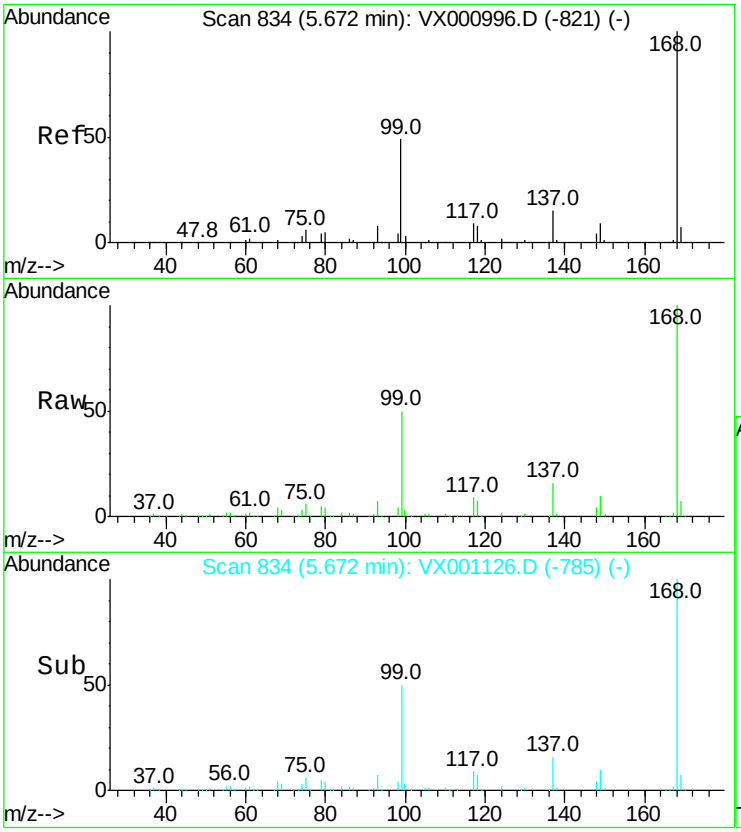
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042518\
Data File : VX001126.D
Acq On : 25 Apr 2018 18:12
Operator : JC/MD
Sample : J2464-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Apr 26 04:38:03 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration



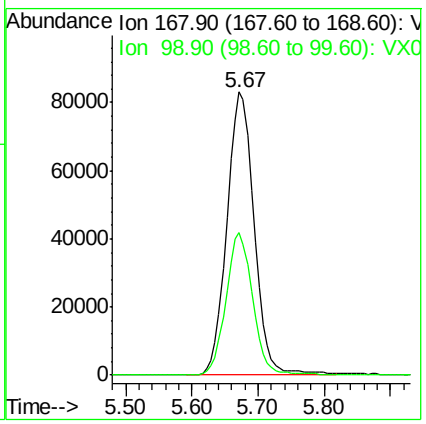


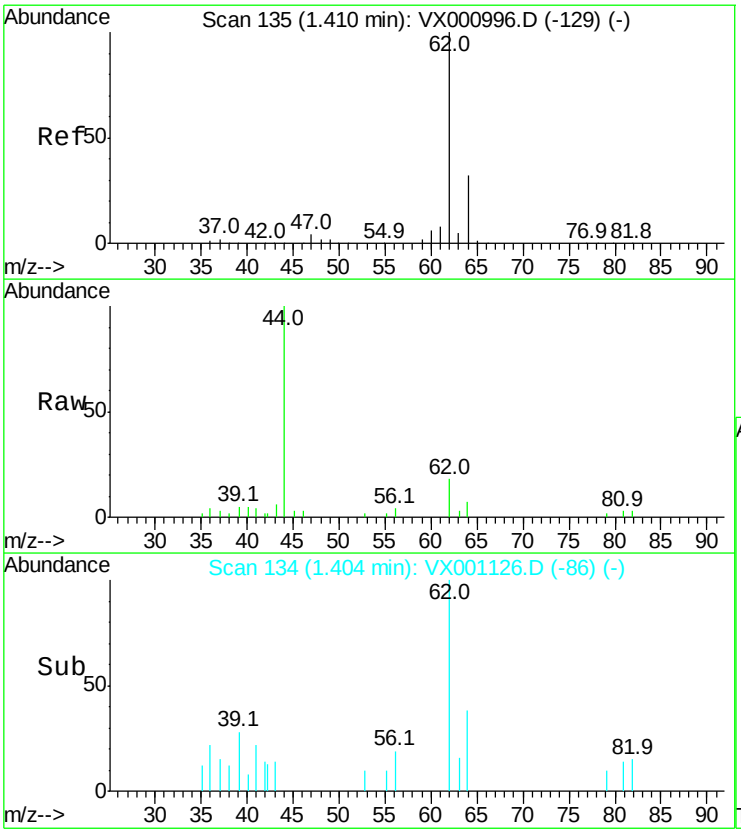

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:168 Resp: 237768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.3 | 39.2 | 58.8 |

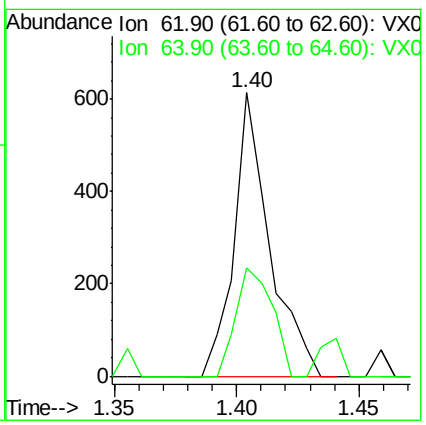


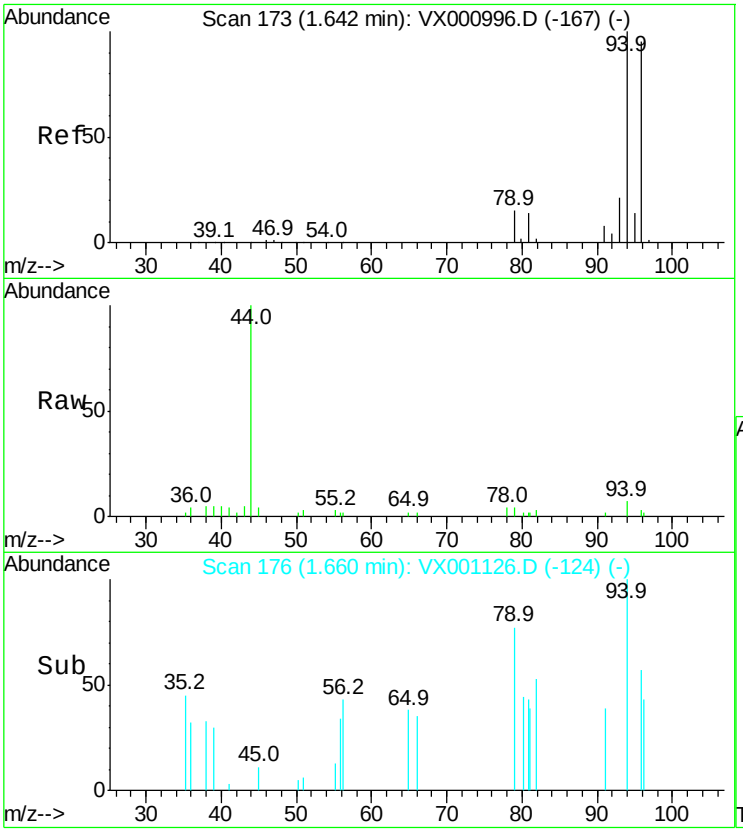




#4
Vinyl Chloride
Concen: 0.216 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

Tgt Ion: 62 Resp: 615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 38.2 | 25.6 | 38.4 |



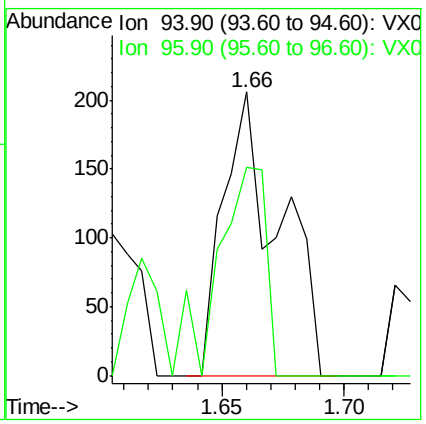


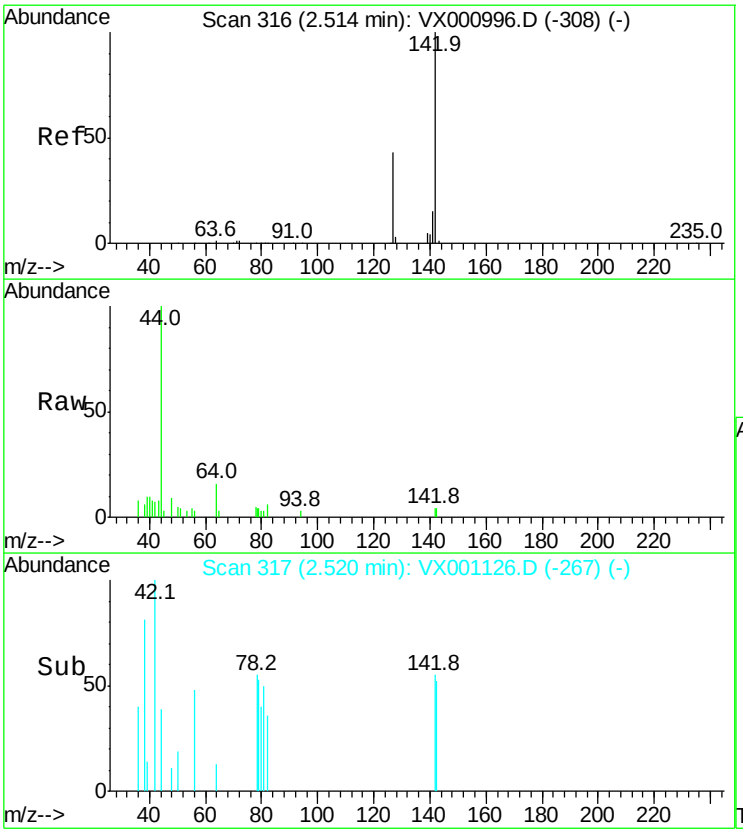

#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 94 Resp: 325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 73.3 | 76.0 | 114.0# |

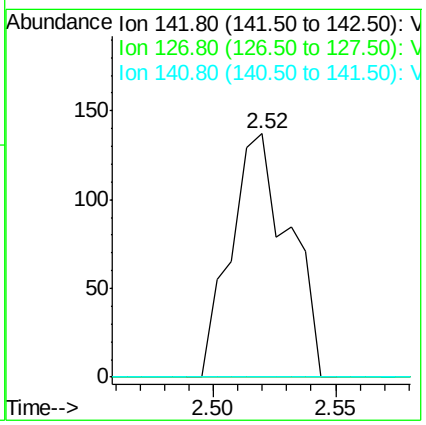


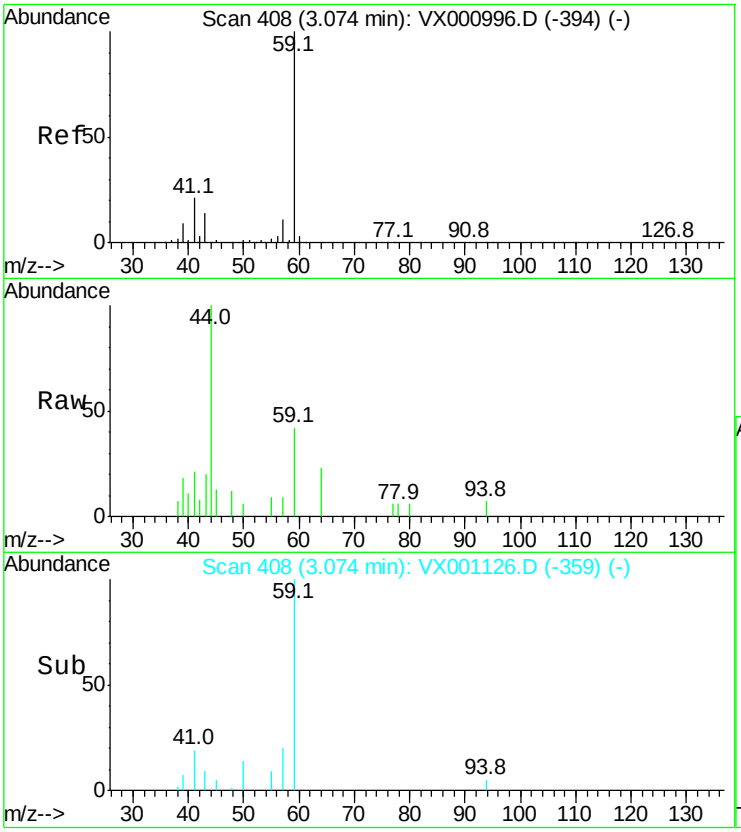




#10
Methyl Iodide
Concen: 7.678 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

Tgt Ion:142 Resp: 227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 34.0 | 51.0# |
| 141 | 0.0 | 11.4 | 17.2# |



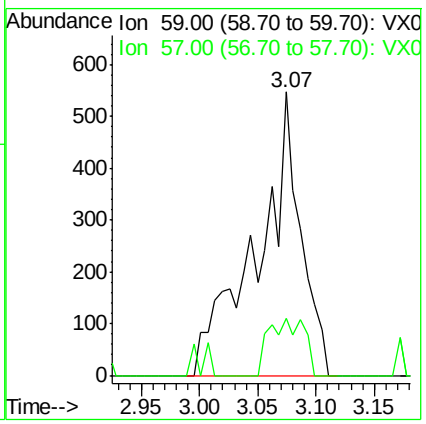


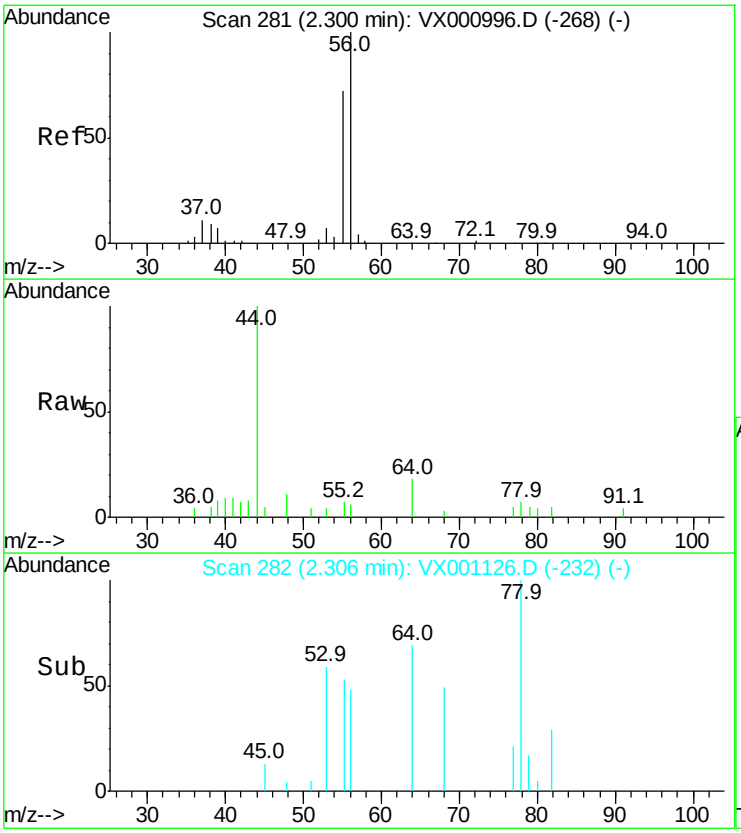

#11
Tert butyl alcohol
Concen: 3.115 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 59 Resp: 1416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 6.6 | 8.3 | 12.5# |

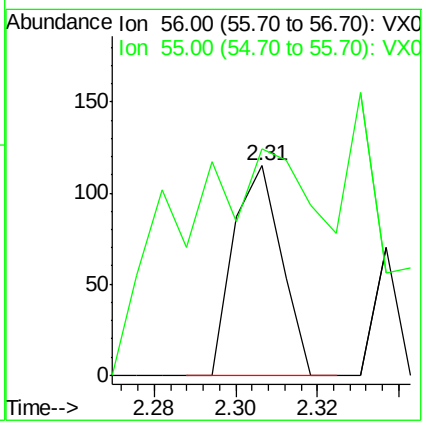


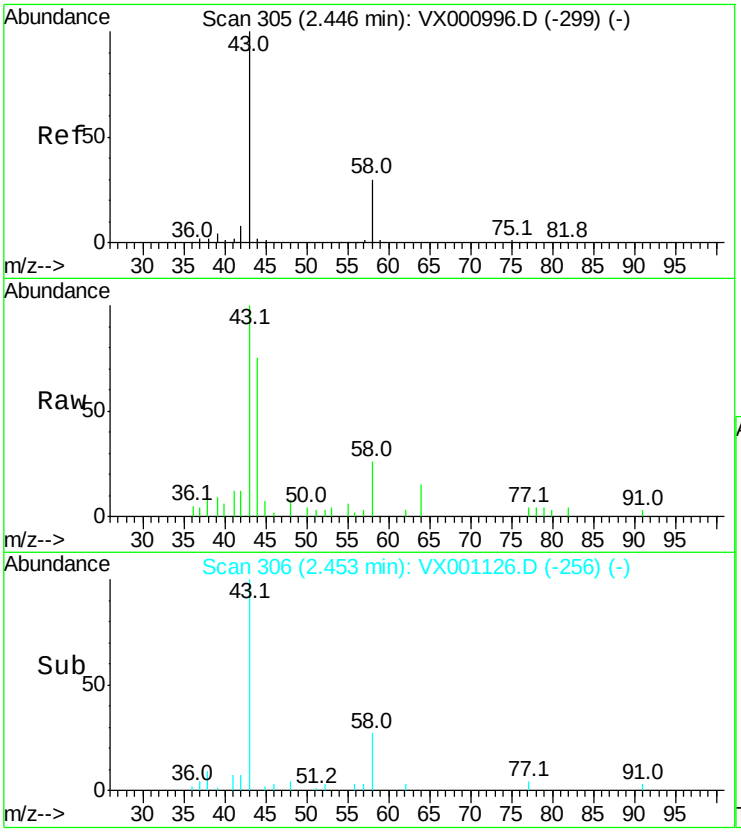




#13
Acrolein
Concen: 11.562 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

Tgt Ion: 56 Resp: 93

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 331.2 | 57.4 | 86.2# |



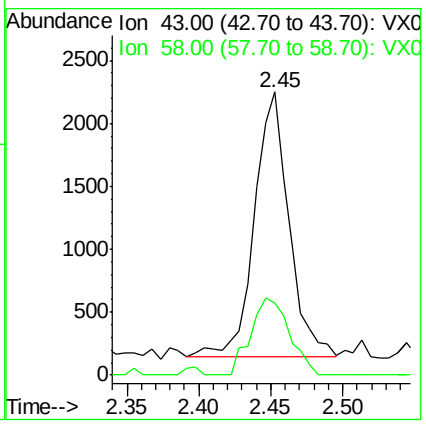


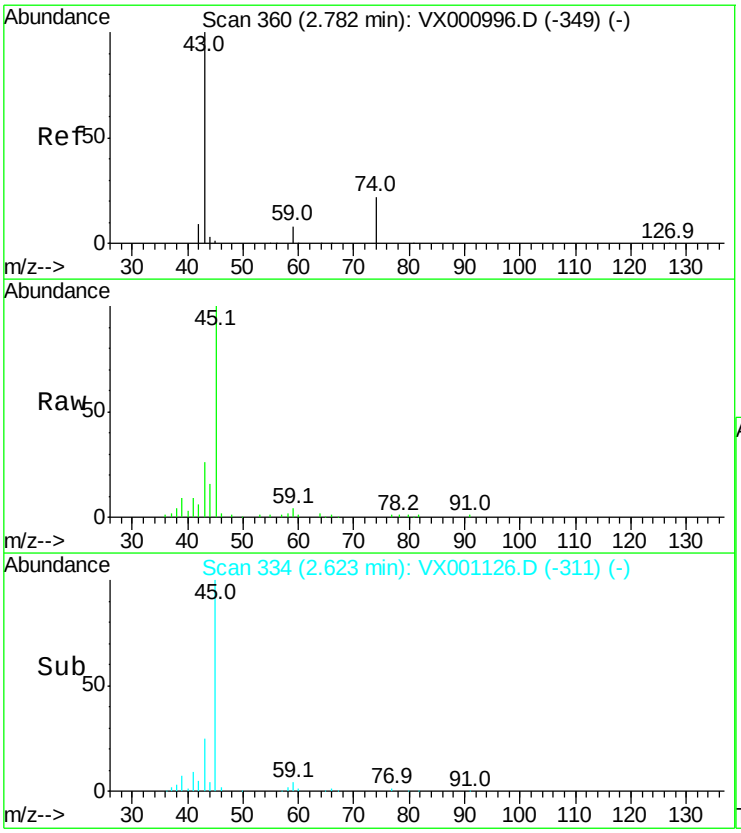

#16
Acetone
Concen: 3.047 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 3458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.3 | 23.7 | 35.5 |

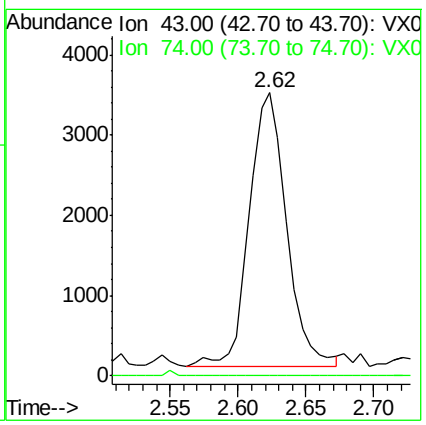


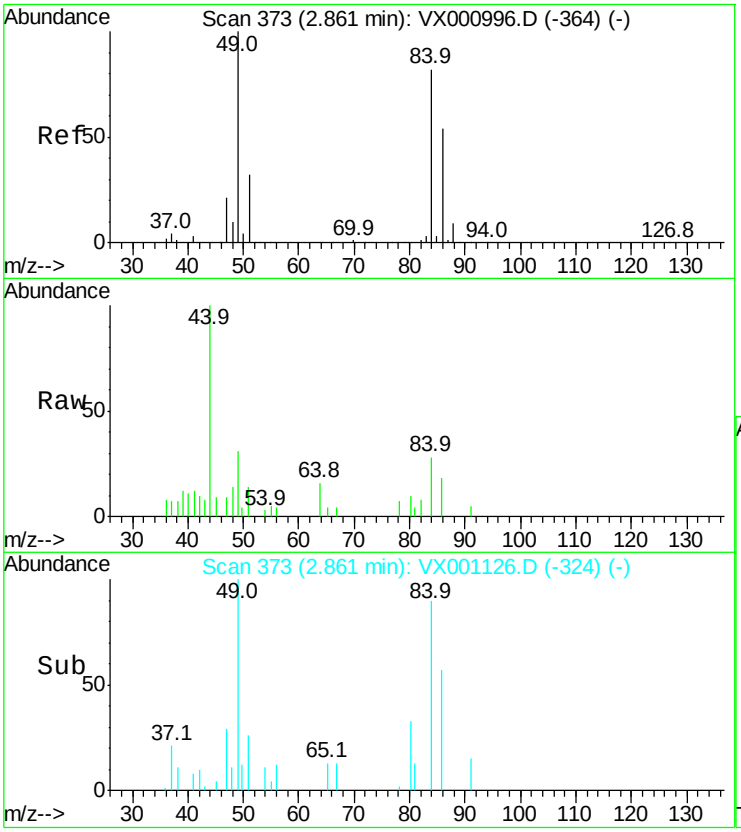




#18
Methyl Acetate
Concen: 1.928 ug/l
RT: 2.62 min Scan# 334
Delta R.T. -0.16 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

Tgt Ion: 43 Resp: 6621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 18.3 | 27.5# |



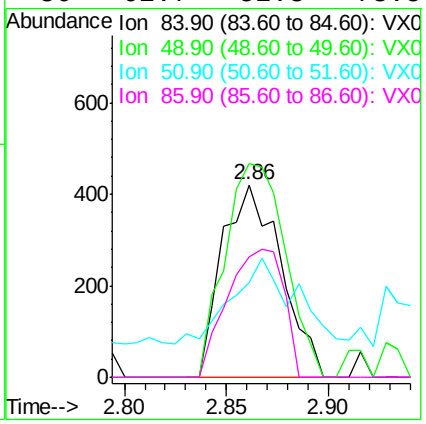


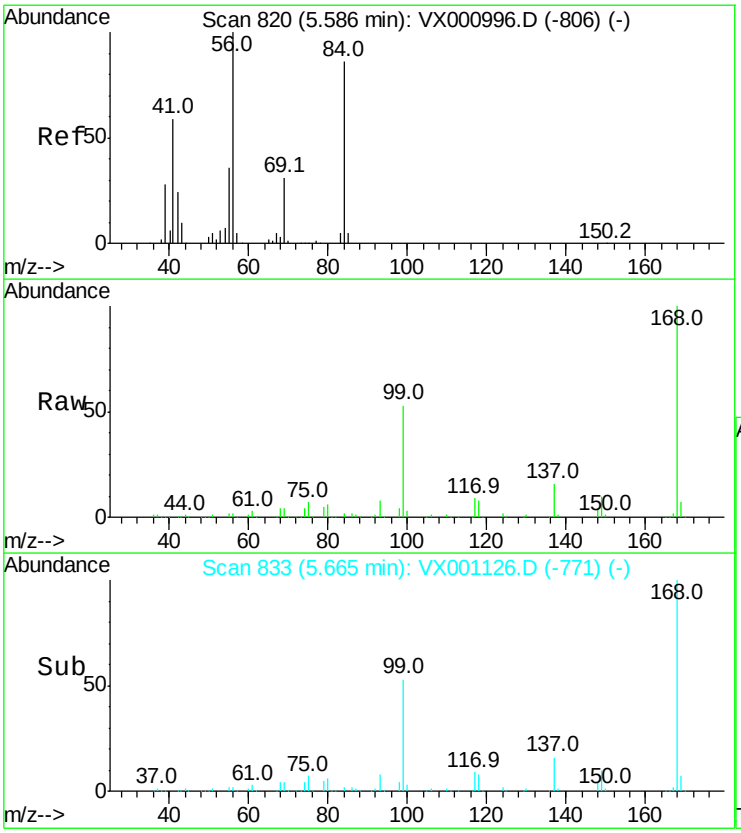

#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 84 Resp: 842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 110.9 | 97.1 | 145.7 |
| 51 | 29.2 | 30.8 | 46.2# |
| 86 | 62.7 | 52.3 | 78.5 |

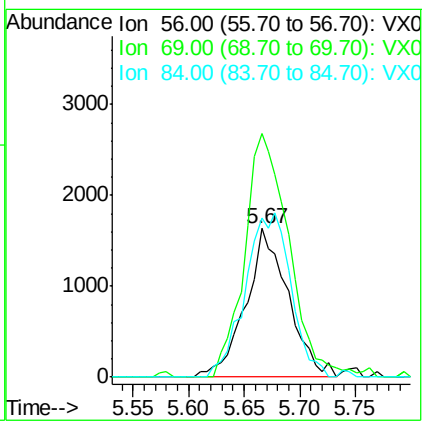


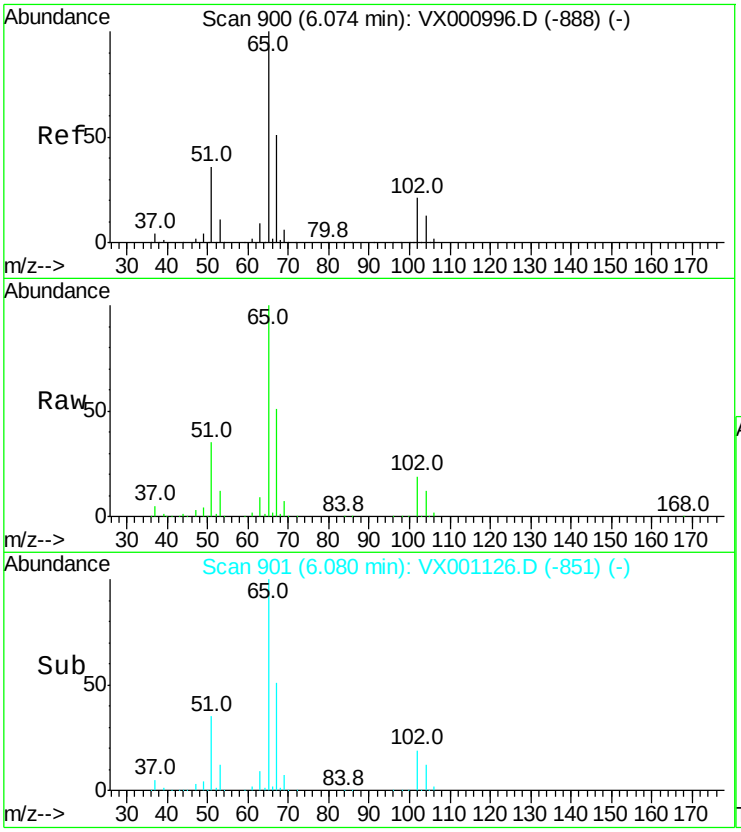




#31
Cyclohexane
Concen: 1.018 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

Tgt Ion: 56 Resp: 4325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 163.9 | 24.6 | 36.8# |
| 84 | 106.9 | 69.0 | 103.6# |



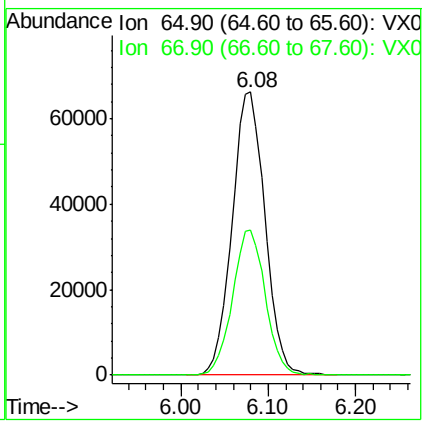


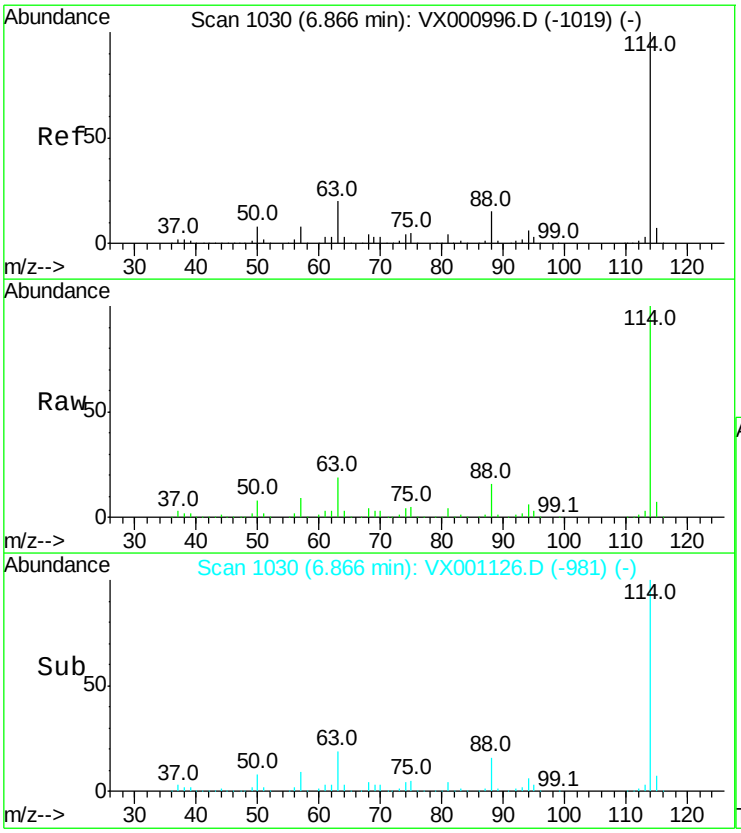

#33
1,2-Dichloroethane-d4
Concen: 57.477 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 65 Resp: 173238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.2 | 0.0 | 102.6 |

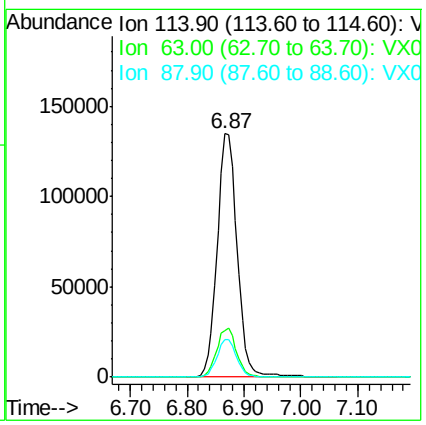


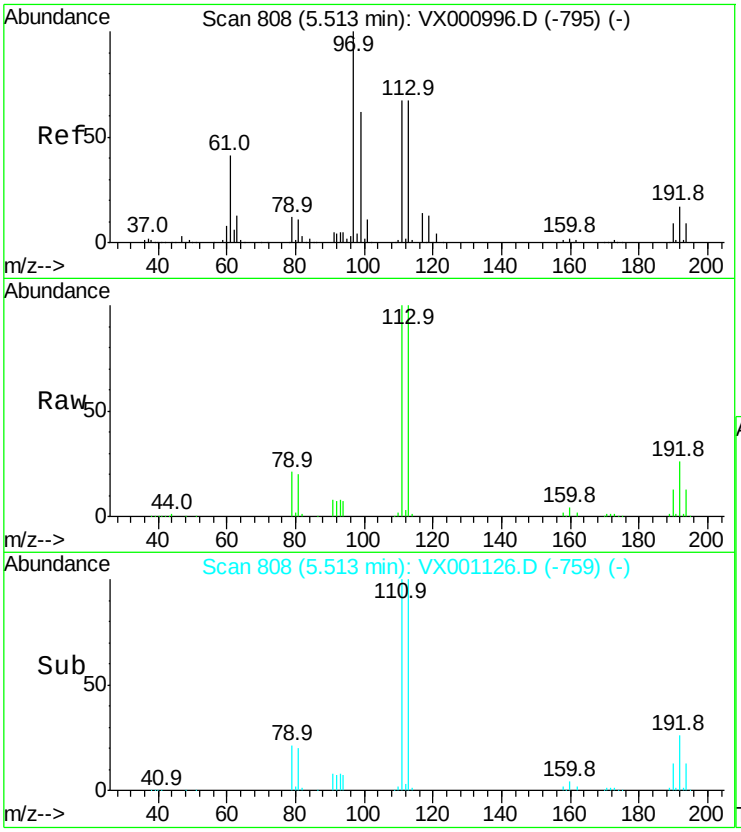




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

Tgt Ion:114 Resp: 329280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.3 | 0.0 | 39.4 |
| 88 | 15.6 | 0.0 | 29.8 |



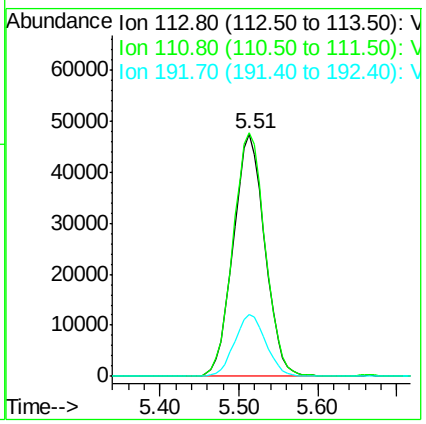


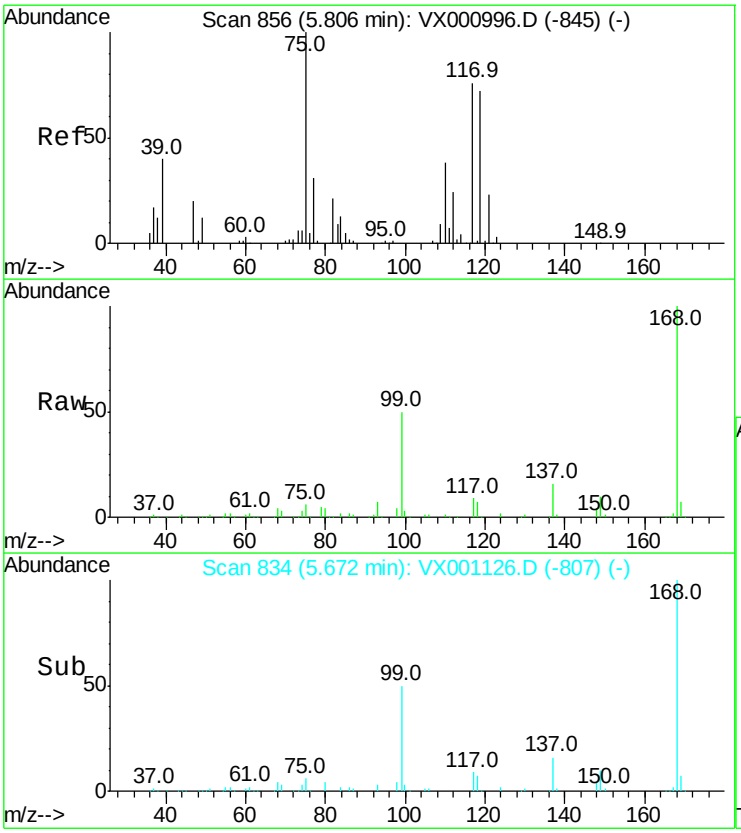

#35
Dibromofluoromethane
Concen: 52.672 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:113 Resp: 132253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.0 | 81.4 | 122.2 |
| 192 | 25.3 | 20.4 | 30.6 |

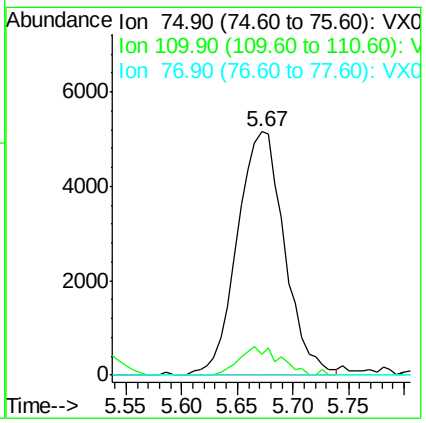


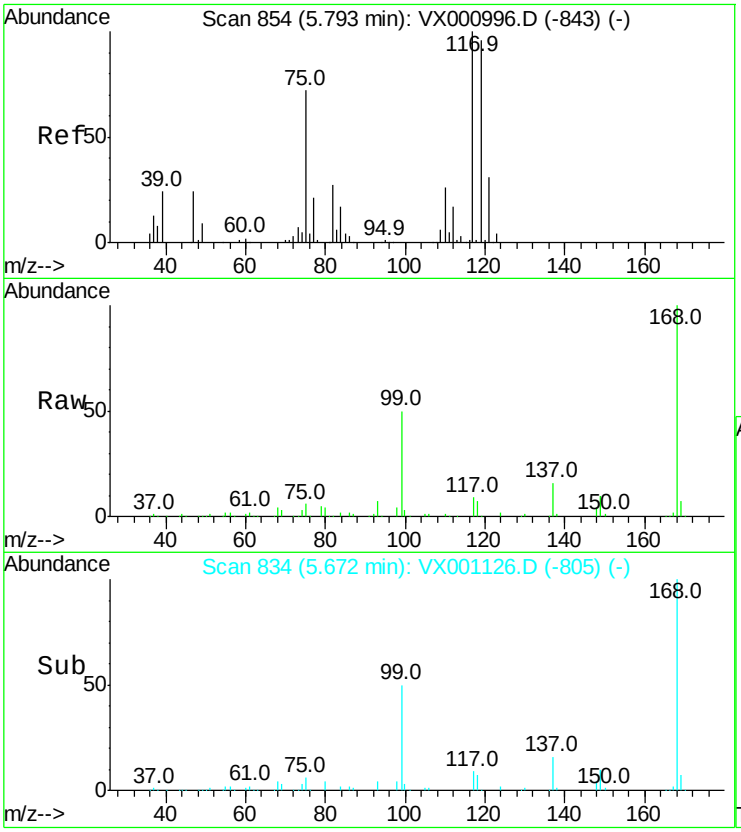




#36
1,1-Dichloropropene
Concen: 3.926 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

Tgt Ion: 75 Resp: 15190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.0 | 18.7 | 56.1# |
| 77 | 0.0 | 25.0 | 37.4# |



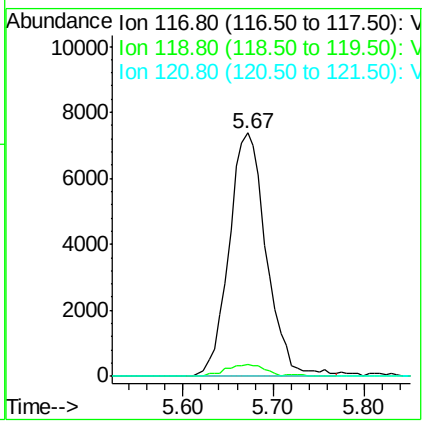


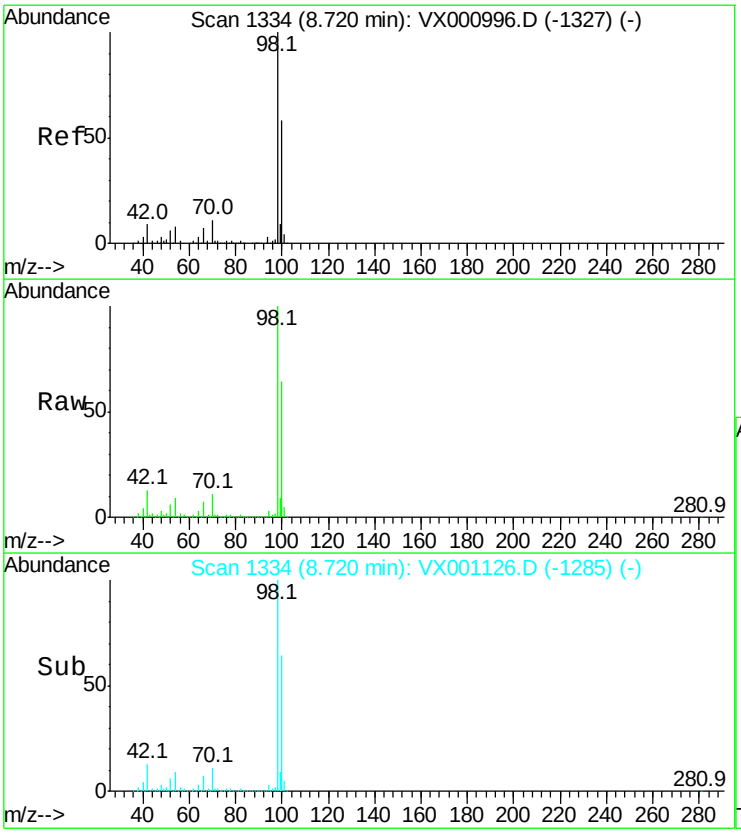

#38
Carbon Tetrachloride
Concen: 5.372 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:117 Resp: 21050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.0 | 76.5 | 114.7# |
| 121 | 0.0 | 24.5 | 36.7# |

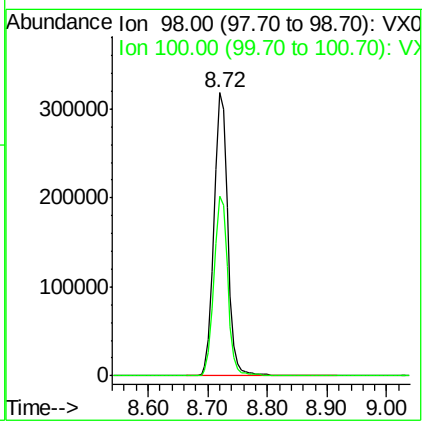


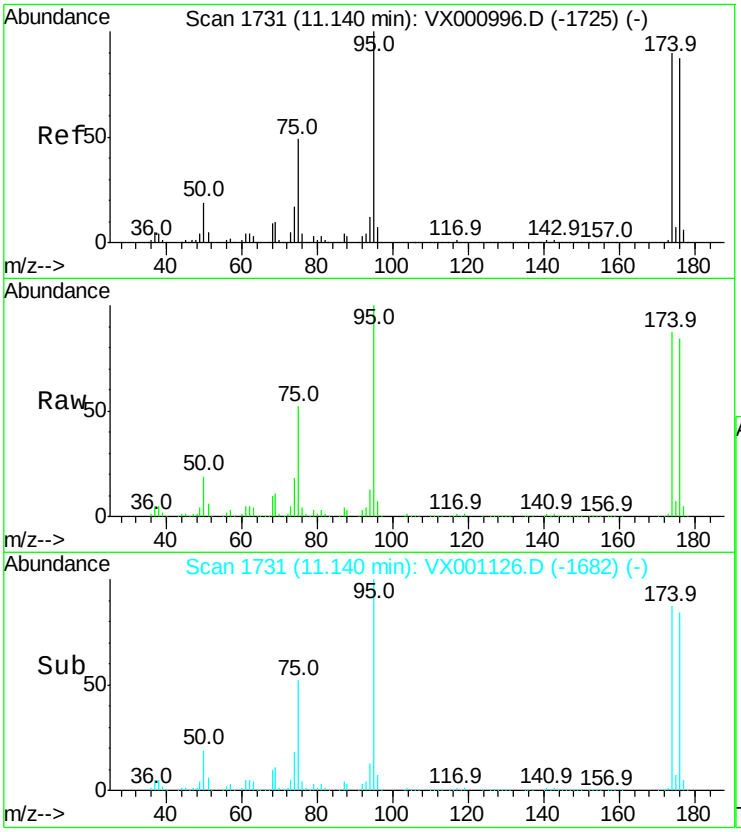




#50
Toluene-d8
Concen: 54.378 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

Tgt Ion: 98 Resp: 504864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.9 | 51.9 | 77.9 |



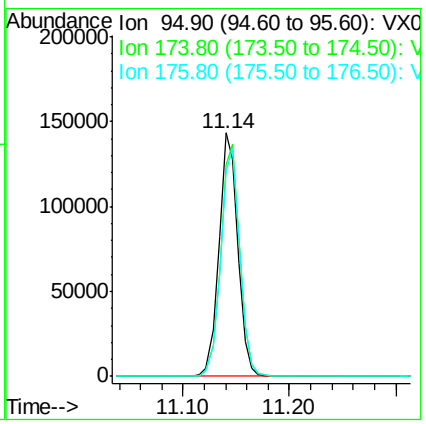


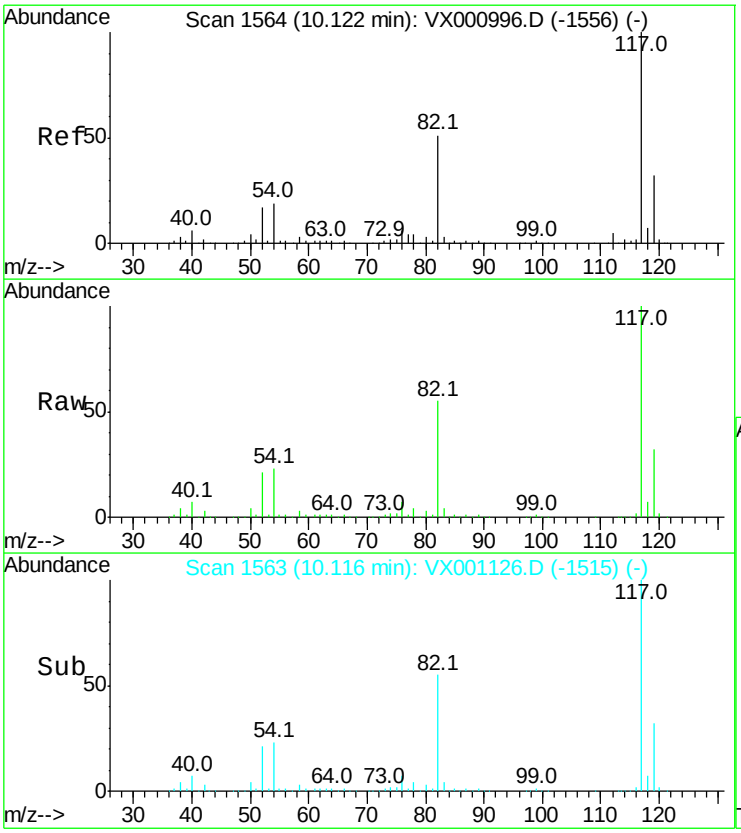

#62
4-Bromofluorobenzene
Concen: 45.226 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 95 Resp: 176219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 96.6 | 0.0 | 198.4 |
| 176 | 94.9 | 0.0 | 192.0 |

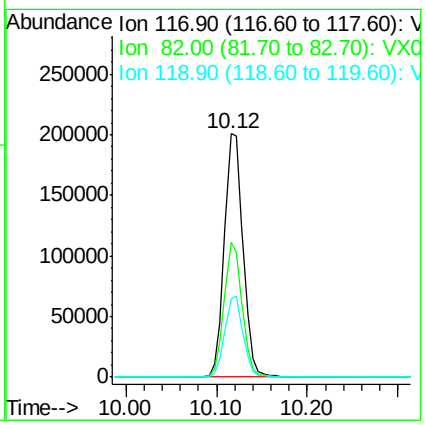


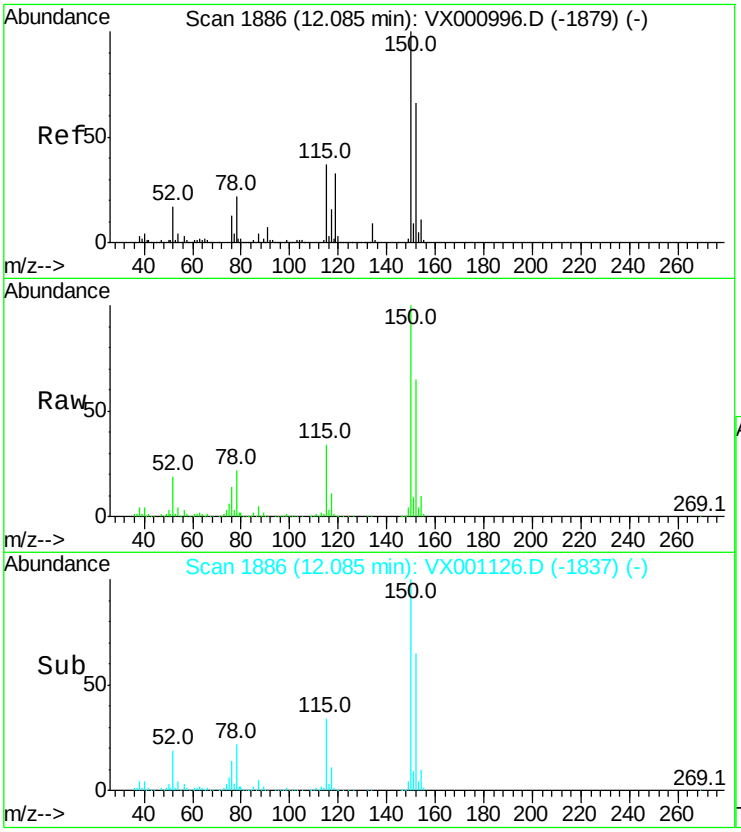




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

Tgt Ion:117 Resp: 287692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.4 | 40.6 | 60.8 |
| 119 | 32.1 | 26.0 | 39.0 |



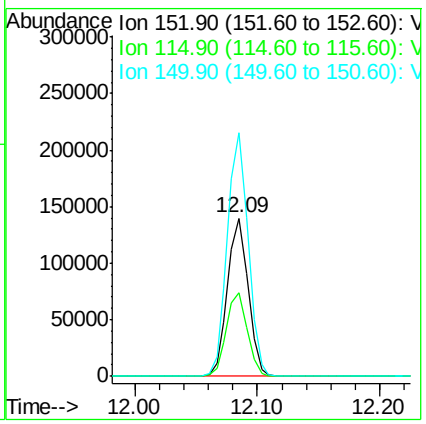


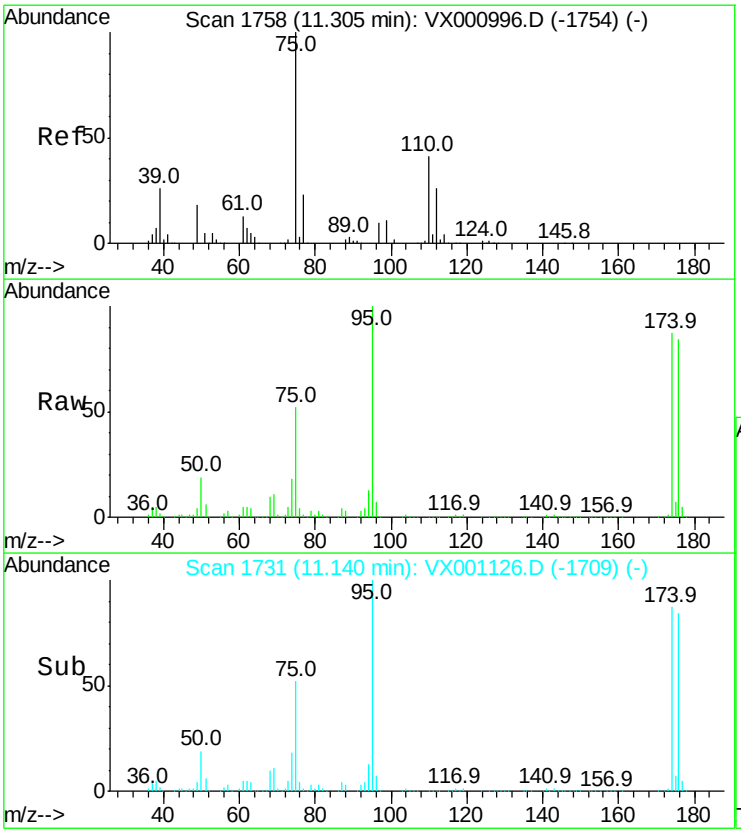

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:152 Resp: 162938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.7 | 38.2 | 114.6 |
| 150 | 155.5 | 0.0 | 350.4 |

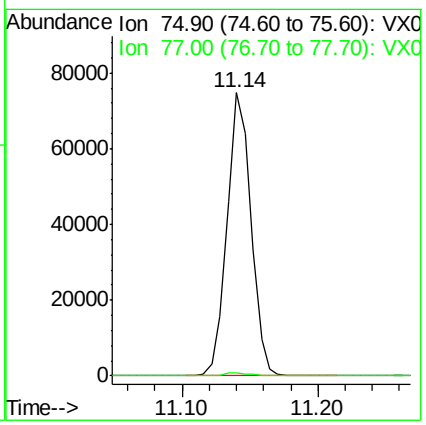


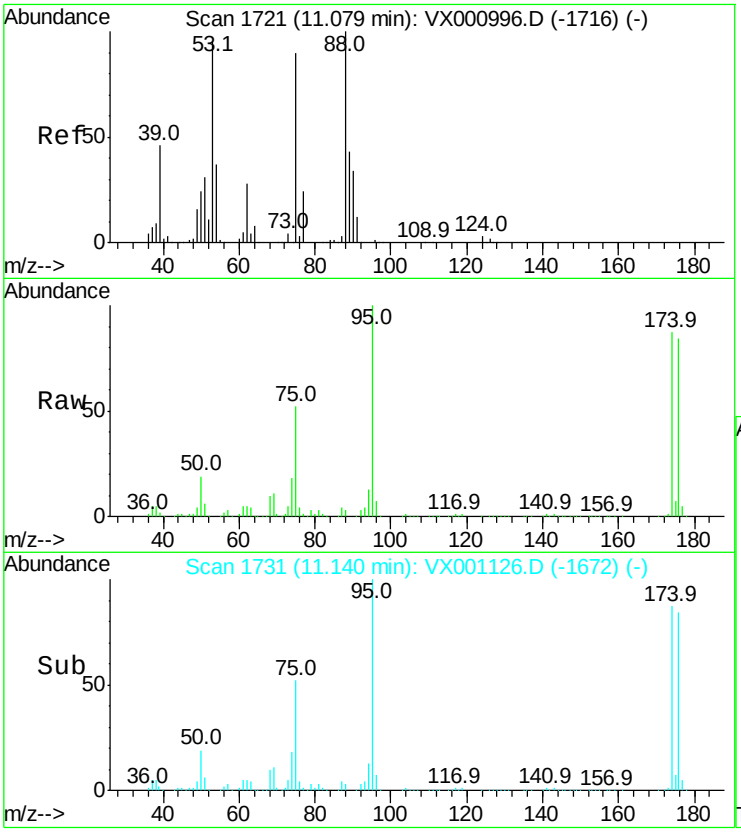




#76
1,2,3-Trichloropropane
Concen: 32.416 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

Tgt Ion: 75 Resp: 91637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 19.6 | 58.7# |






#81
trans-1,4-Dichloro-2-butene
Concen: 96.264 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001126.D
Acq: 25 Apr 2018 18:12

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 91637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 83.4 | 125.2# |
| 89 | 0.0 | 39.7 | 59.5# |