Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082918\
Data File : VX004278.D
Acq On : 29 Aug 2018 08:43
Operator : JC/MD
Sample : VX0829WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0829WBL01

Quant Time: Aug 30 02:04:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 306855 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 467777 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 419650 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 236466 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 204122 | 51.04 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.08% | | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 177190 | 50.92 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.84% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 660139 | 50.26 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.52% | | | | |
| 62) 4-Bromofluorobenzene | 11.14 | 95 | 228771 | 46.68 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.36% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 1637 | 0.70 | ug/l | | 99 |
| 5) Bromomethane | 1.64 | 94 | 1539 | Below Cal | | | 97 |
| 6) Chloroethane | 1.73 | 64 | 819 | 1.22 | ug/l | # | 49 |
| 10) Methyl Iodide | 2.51 | 142 | 1018 | 4.50 | ug/l | # | 88 |
| 11) Tert butyl alcohol | 3.06 | 59 | 457 | 0.54 | ug/l | # | 72 |
| 13) Acrolein | 2.29 | 56 | 339 | 1.65 | ug/l | # | 42 |
| 15) Acrylonitrile | 3.14 | 53 | 657 | 0.31 | ug/l | # | 72 |
| 16) Acetone | 2.44 | 43 | 1948 | Below Cal | | # | 87 |
| 17) Carbon Disulfide | 2.56 | 76 | 1792 | 0.99 | ug/l | # | 91 |
| 20) Methylene Chloride | 2.85 | 84 | 1835 | 0.48 | ug/l | # | 82 |
| 25) 2-Butanone | 4.71 | 43 | 327 | Below Cal | | # | 47 |
| 26) 2,2-Dichloropropane | 4.76 | 77 | 1396 | 0.27 | ug/l | # | 52 |
| 29) Tetrahydrofuran | 5.17 | 42 | 1634 | 0.95 | ug/l | # | 78 |
| 31) Cyclohexane | 5.66 | 56 | 5391 | 0.96 | ug/l | # | 1 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 19525 | 3.71 | ug/l | # | 50 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 26235 | 5.30 | ug/l | # | 16 |
| 76) 1,2,3-Trichloropropane | 11.14 | 75 | 107934 | 22.44 | ug/l | # | 37 |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75 | 107934 | 72.82 | ug/l | # | 10 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 317 | Below Cal | | | 91 |

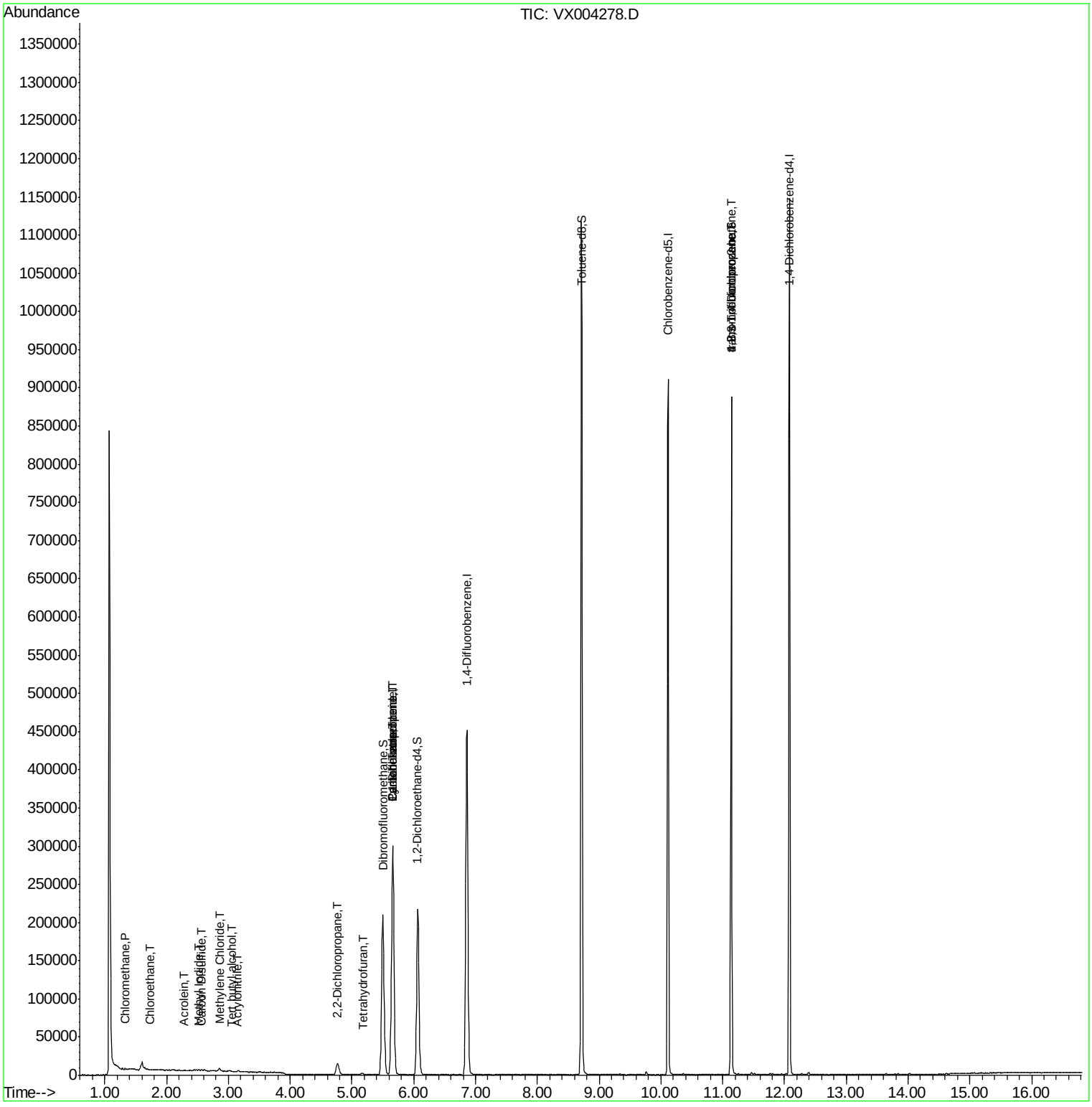
(#) = qualifier out of range (m) = manual integration (+) = signals summed

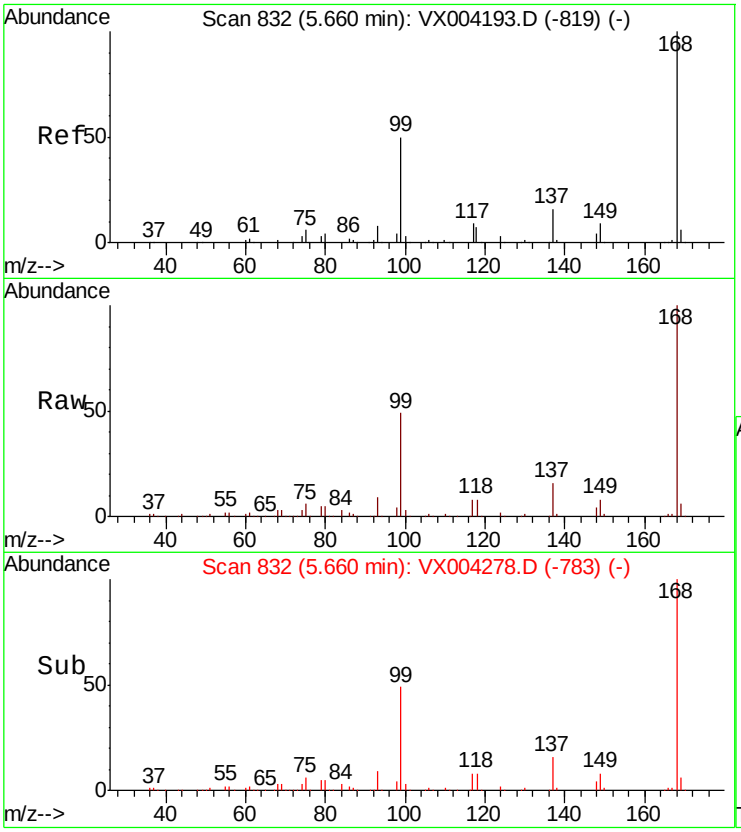
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082918\
Data File : VX004278.D
Acq On : 29 Aug 2018 08:43
Operator : JC/MD
Sample : VX0829WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0829WBL01

Quant Time: Aug 30 02:04:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration



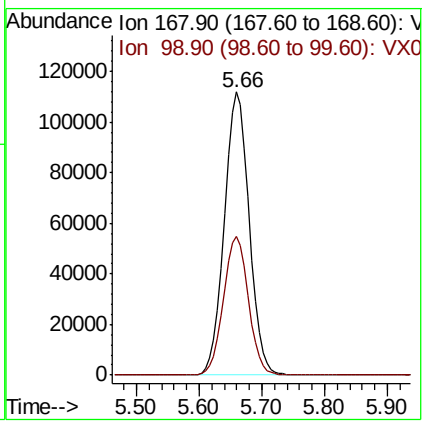


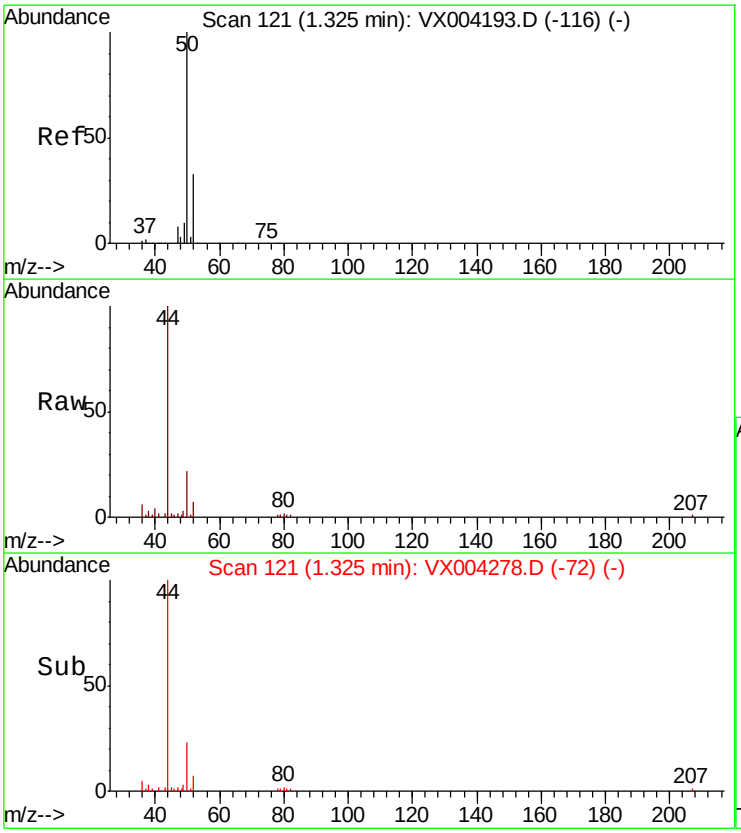

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0829WBL01

Tgt Ion:168 Resp: 306855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.9 | 39.9 | 59.9 |

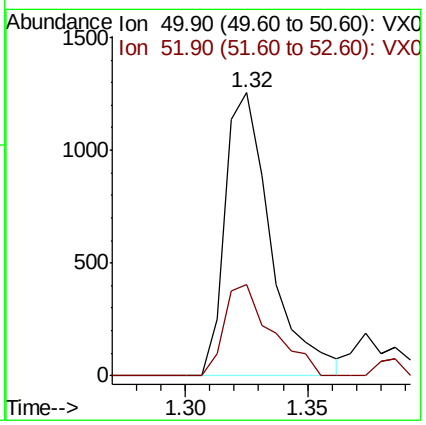


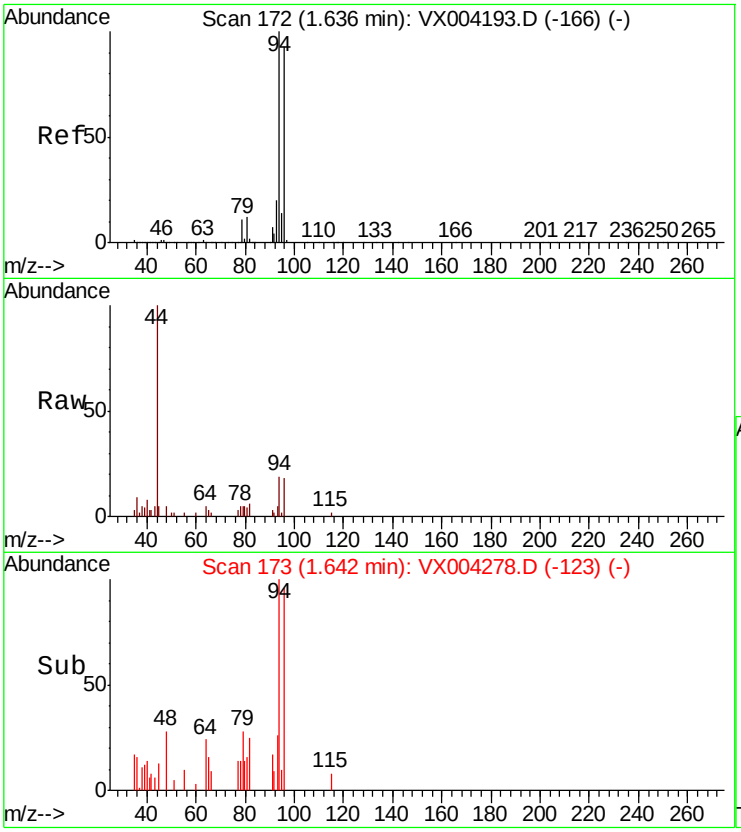




#3
Chloromethane
Concen: 0.70 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion: 50 Resp: 1637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.1 | 26.2 | 39.2 |



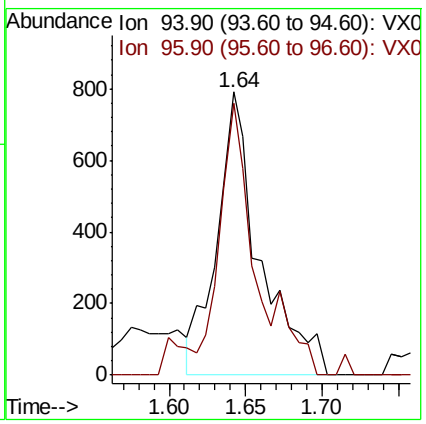


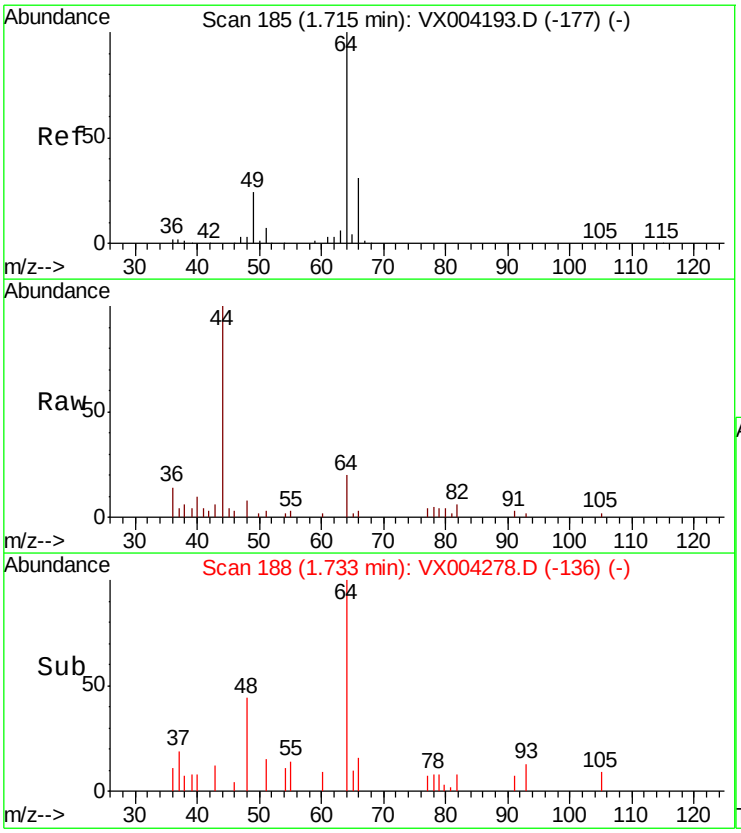

#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0829WBL01

Tgt Ion: 94 Resp: 1539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.2 | 74.5 | 111.7 |

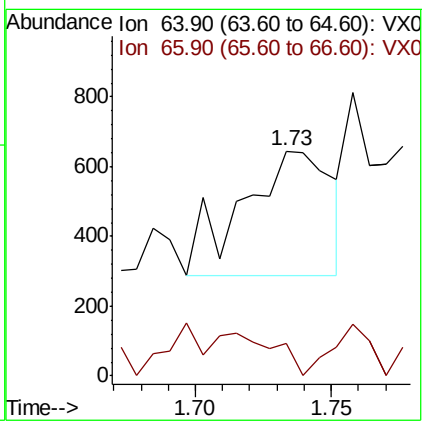


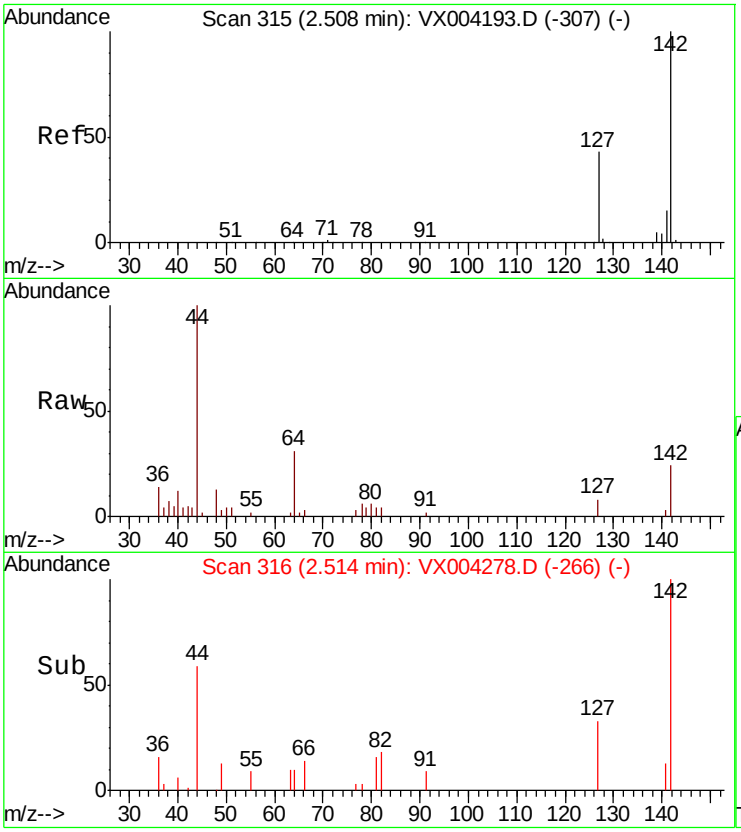




#6
Chloroethane
Concen: 1.22 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.02 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion: 64 Resp: 819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 2.8 | 24.6 | 36.8# |



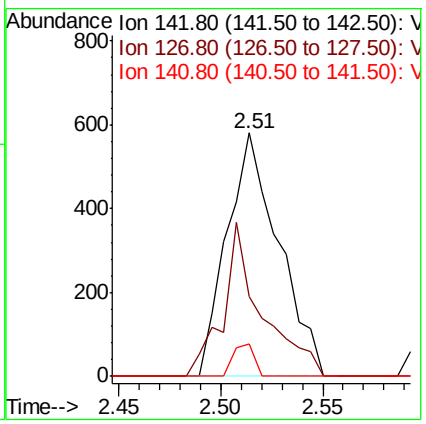


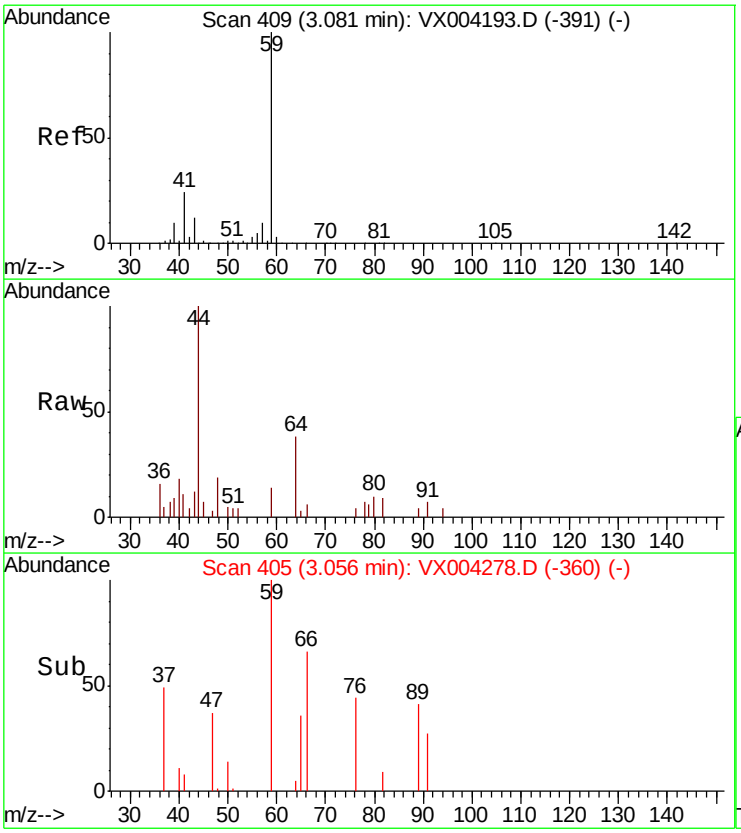

#10
Methyl Iodide
Concen: 4.50 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :** MSVOA_X
**ClientSampleId :** VX0829WBL01

Tgt Ion:142 Resp: 1018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 47.2 | 33.8 | 50.6 |
| 141 | 5.2 | 11.4 | 17.0# |

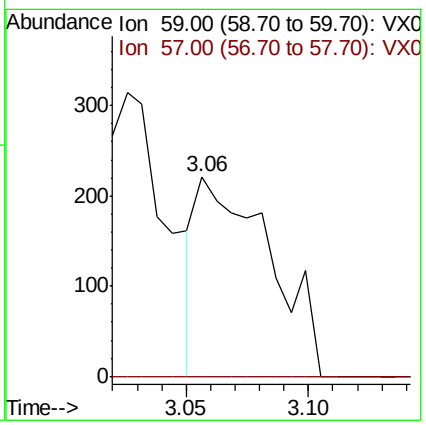


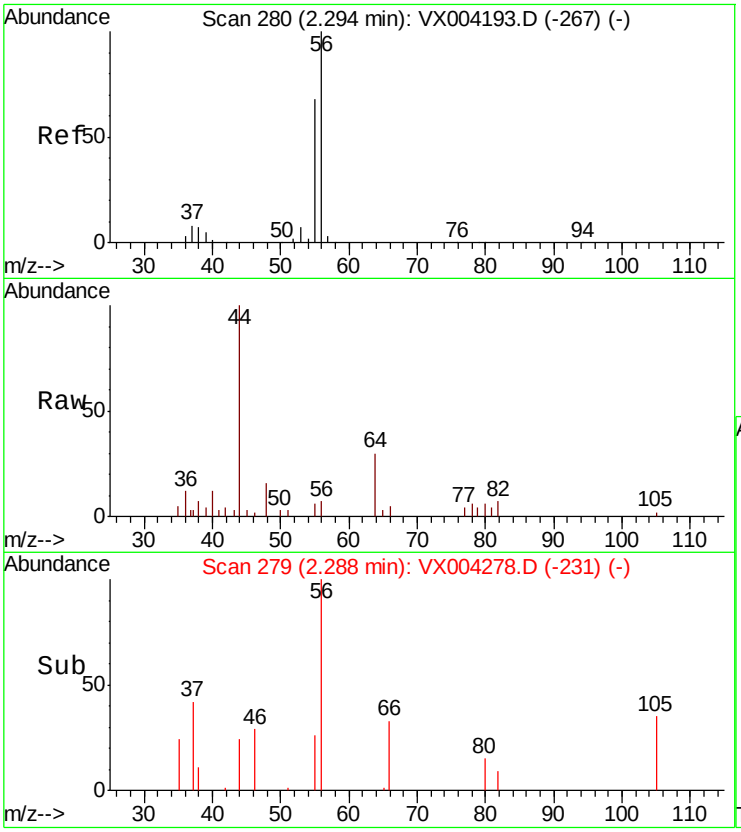




#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 3.06 min Scan# 405
Delta R.T. -0.02 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion: 59 Resp: 457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.4# |



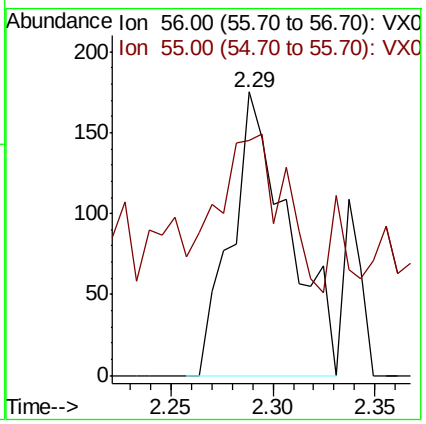


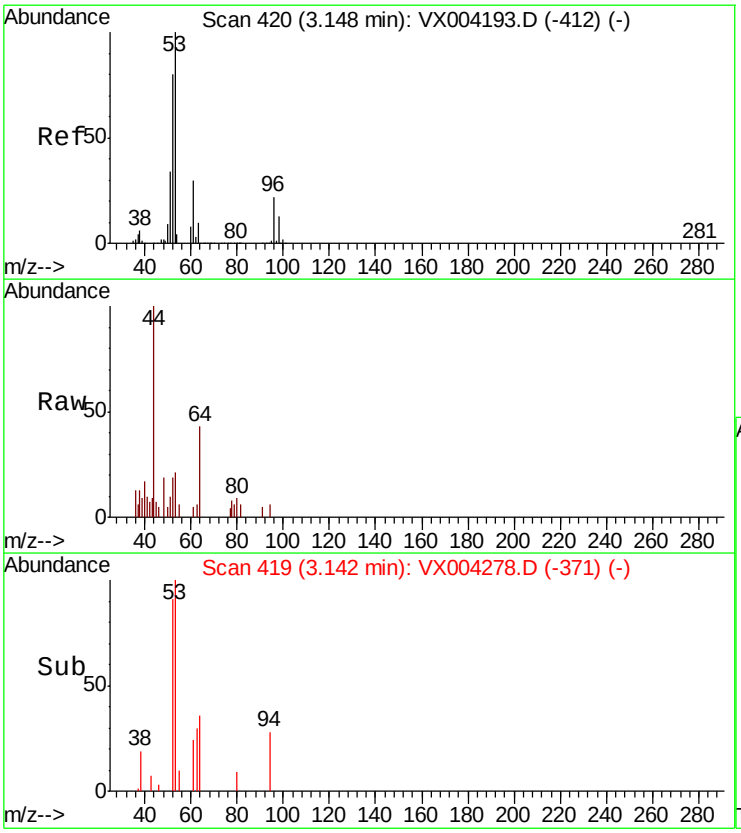

#13
Acrolein
Concen: 1.65 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0829WBL01

Tgt Ion: 56 Resp: 339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 115.0 | 54.7 | 82.1# |

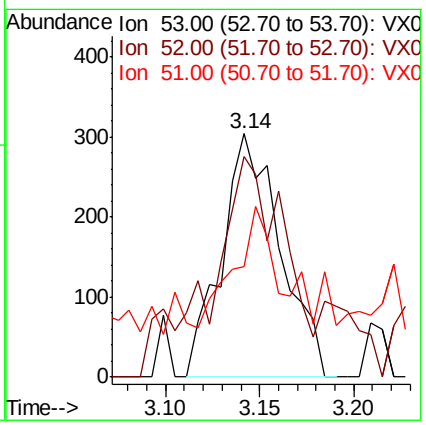


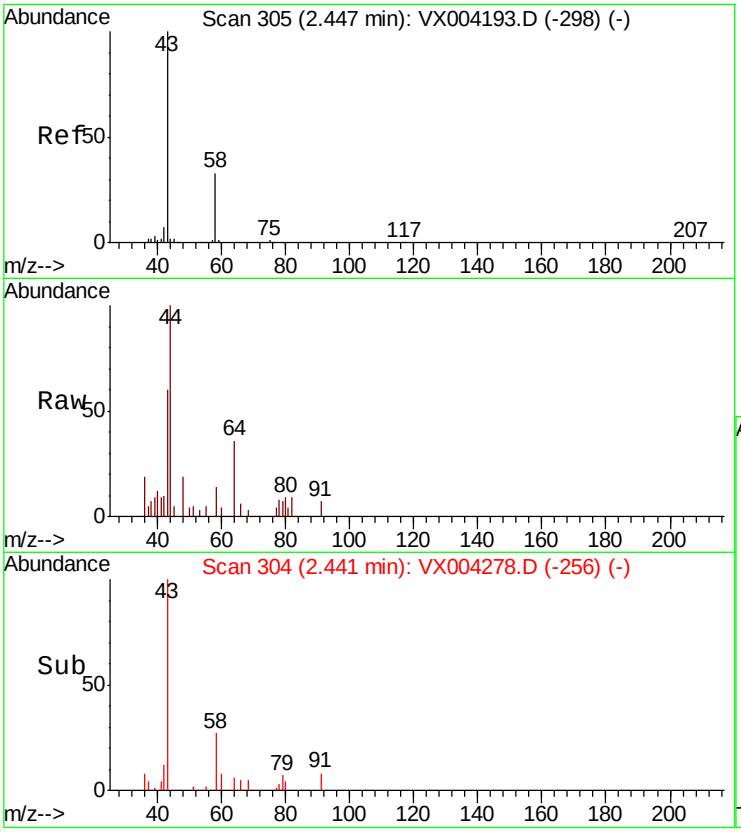




#15
Acrylonitrile
Concen: 0.31 ug/l
RT: 3.14 min Scan# 419
Delta R.T. -0.01 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion: 53 Resp: 657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 115.4 | 65.2 | 97.8# |
| 51 | 32.7 | 28.2 | 42.2 |



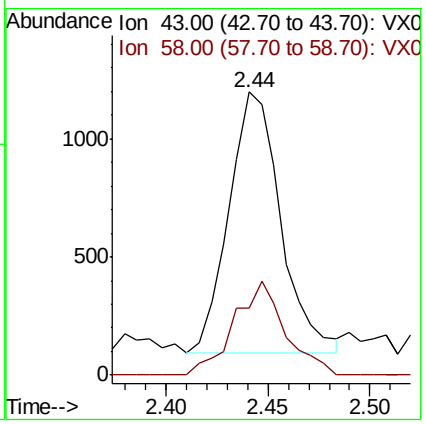


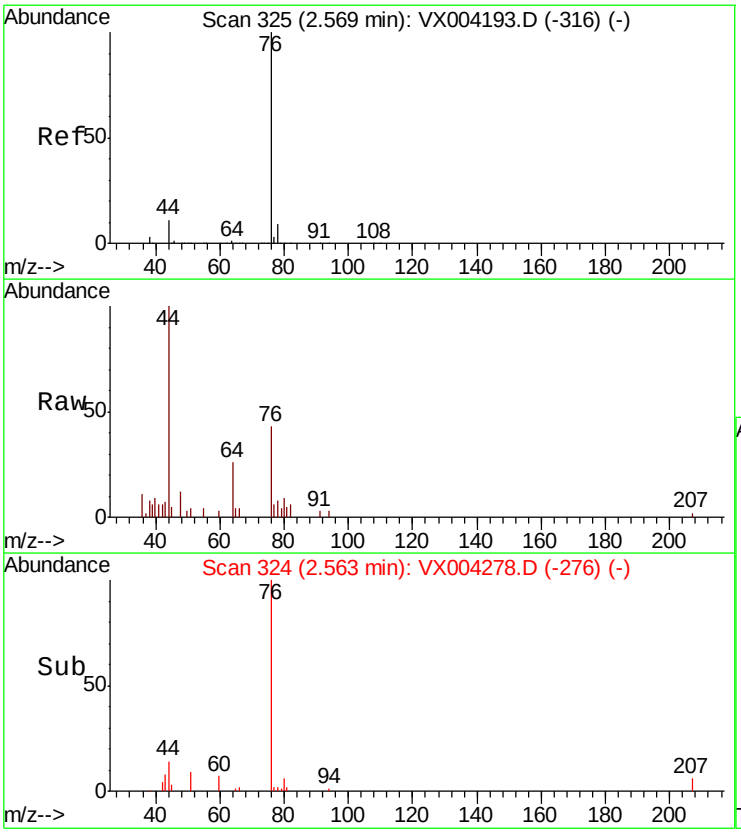

#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 304
Delta R.T. -0.01 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :** MSVOA_X
**ClientSampleId :** VX0829WBL01

Tgt Ion: 43 Resp: 1948

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

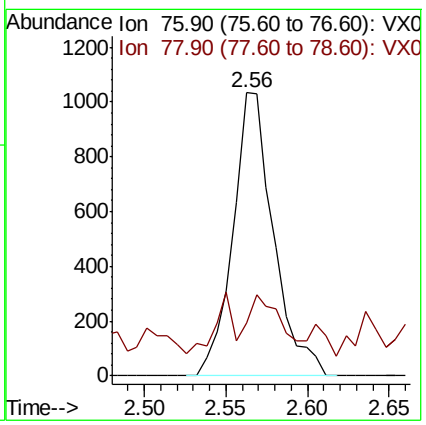


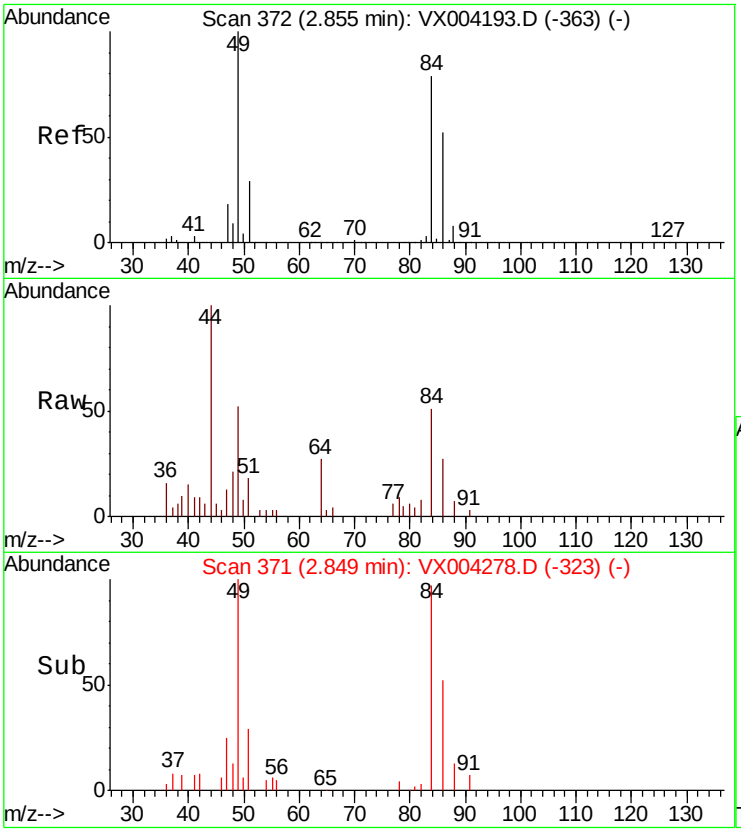




#17
Carbon Disulfide
Concen: 0.99 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion: 76 Resp: 1792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.9 | 7.0 | 10.6# |



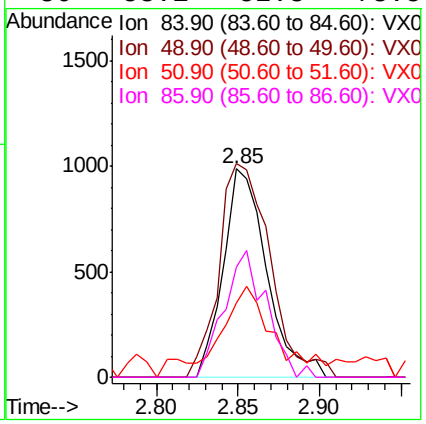


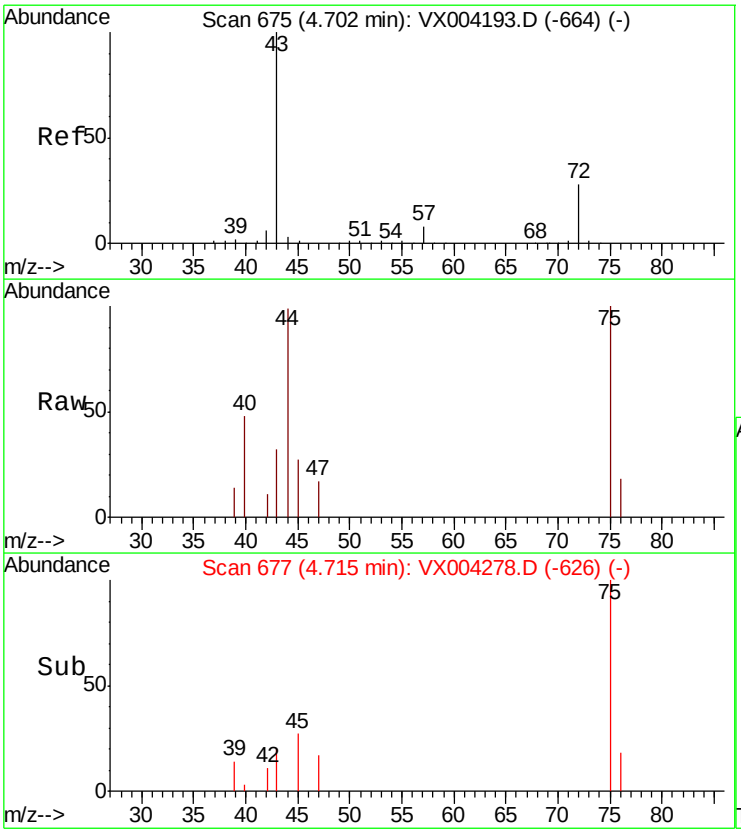

#20
Methylene Chloride
Concen: 0.48 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0829WBL01

Tgt Ion: 84 Resp: 1835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 102.6 | 101.2 | 151.8 |
| 51 | 28.5 | 29.5 | 44.3# |
| 86 | 53.1 | 52.3 | 78.5 |

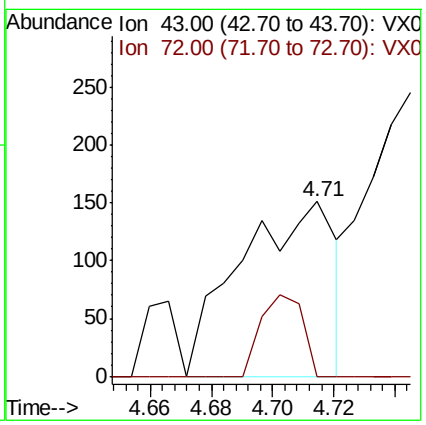


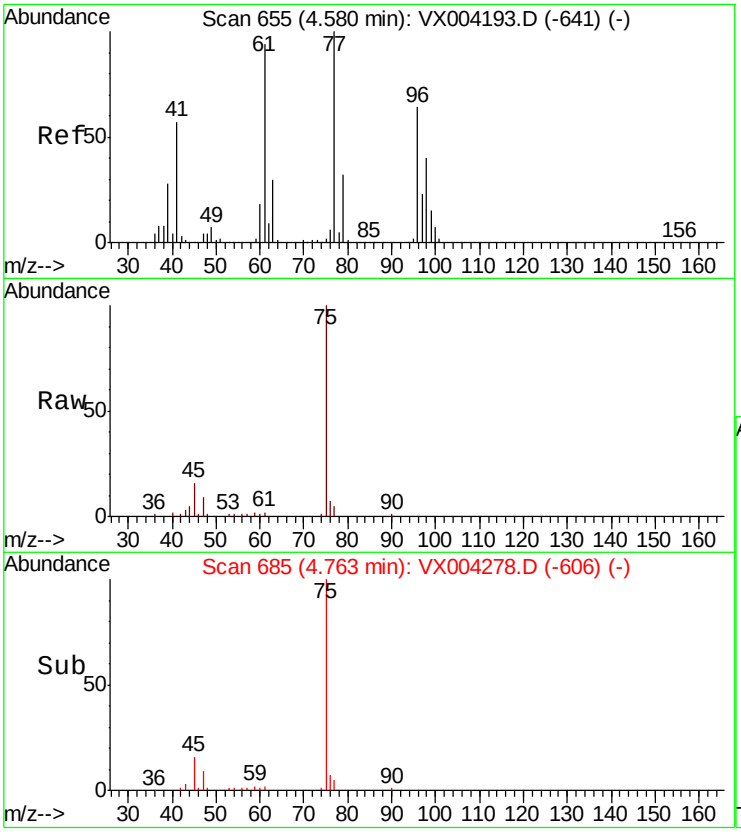




#25
2-Butanone
Concen: Below Cal
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion: 43 Resp: 327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 22.0 | 33.0# |



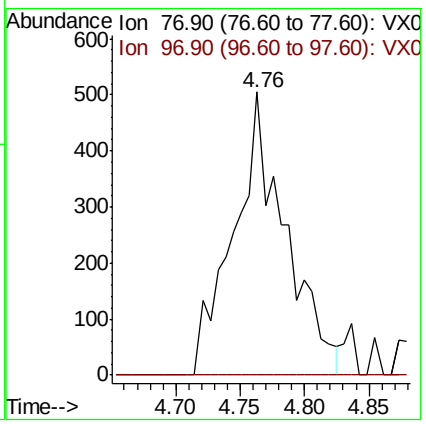


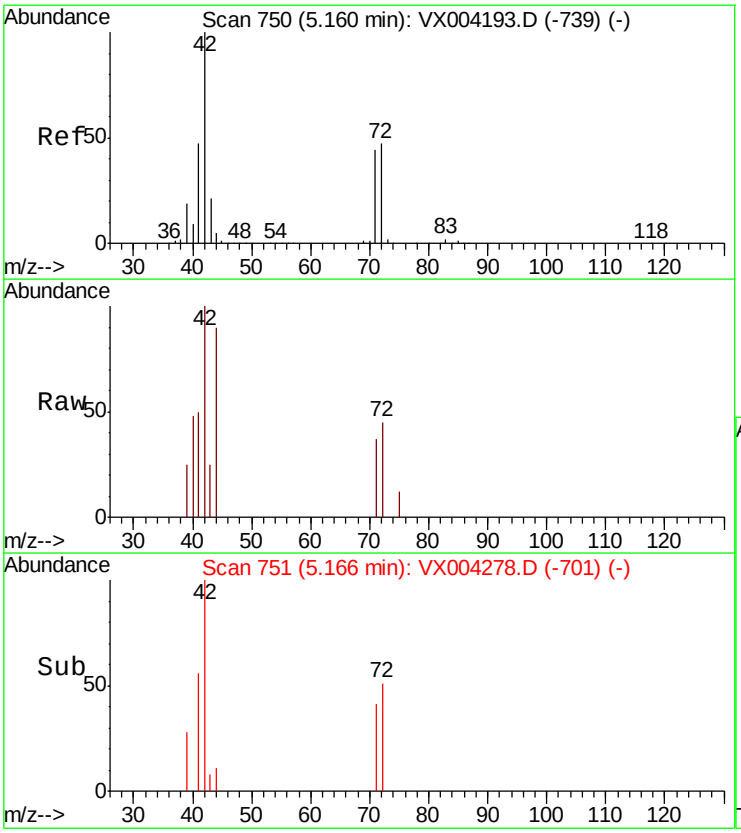

#26
2,2-Dichloropropane
Concen: 0.27 ug/l
RT: 4.76 min Scan# 685
Delta R.T. 0.18 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0829WBL01

Tgt Ion: 77 Resp: 1396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 0.0 | 11.7 | 35.0# |

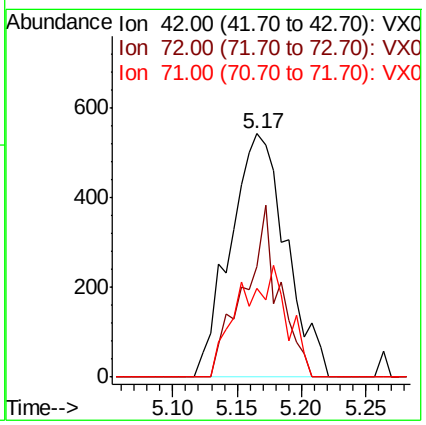


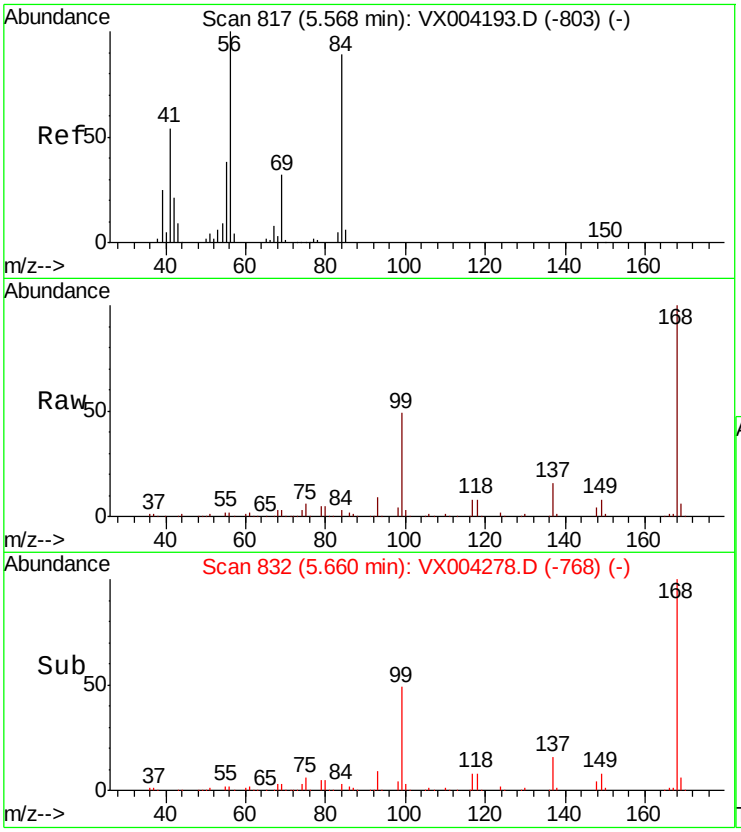




#29
Tetrahydrofuran
Concen: 0.95 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion: 42 Resp: 1634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 44.8 | 37.4 | 56.0 |
| 71 | 15.4 | 34.5 | 51.7# |



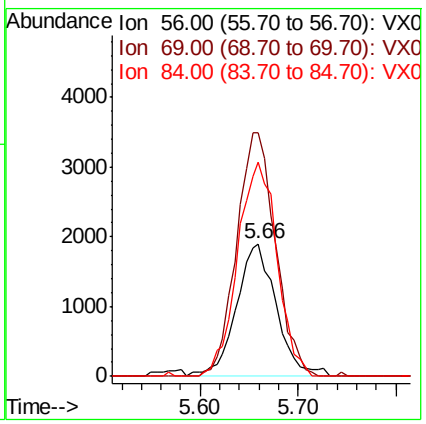


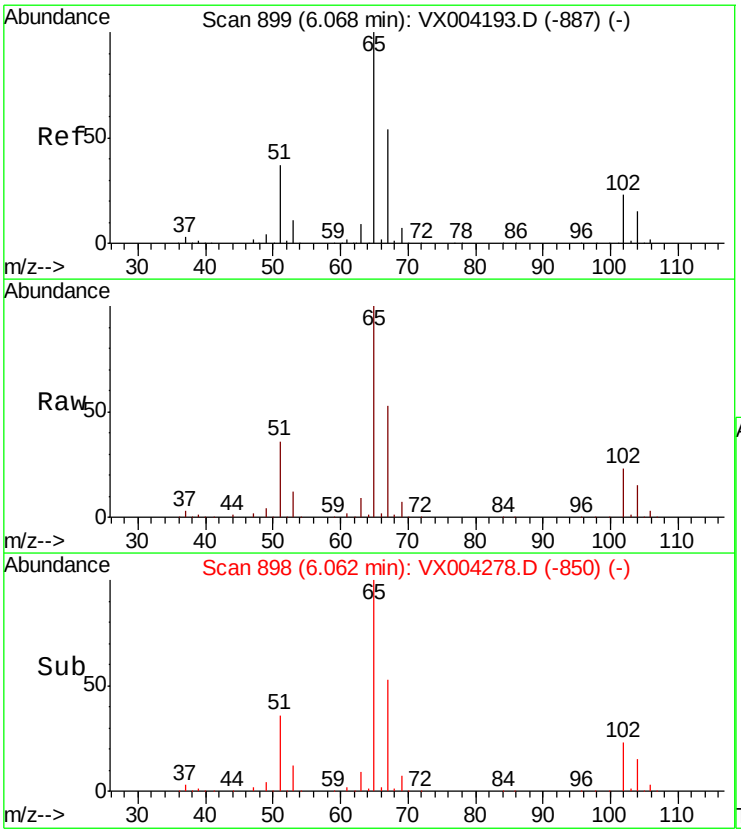

#31
Cyclohexane
Concen: 0.96 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.09 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0829WBL01

Tgt Ion: 56 Resp: 5391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 183.8 | 25.4 | 38.2# |
| 84 | 161.6 | 71.4 | 107.2# |

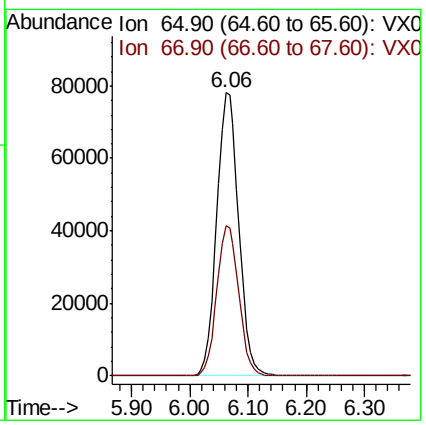


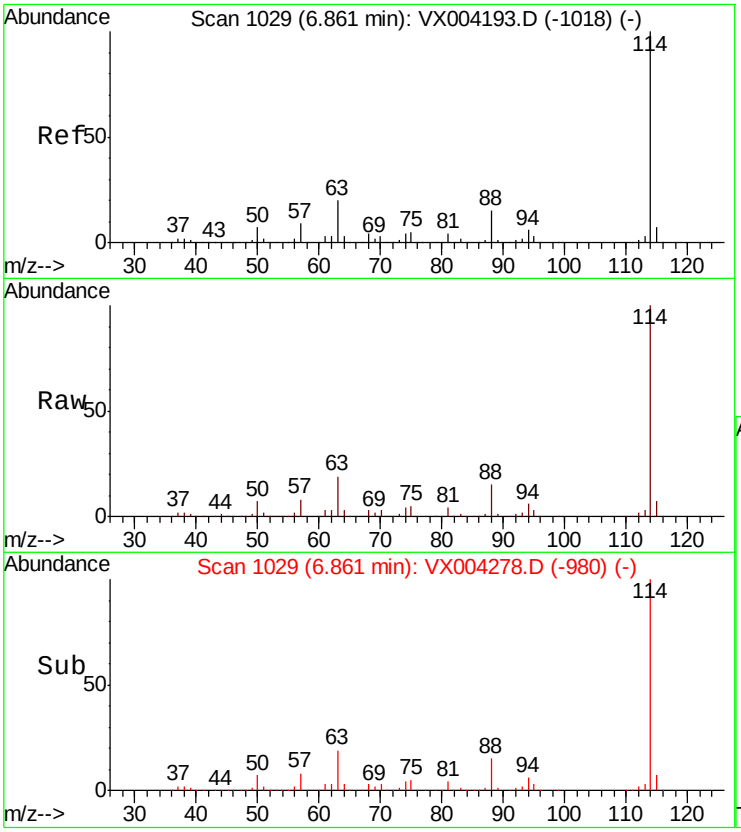




#33
1,2-Dichloroethane-d4
Concen: 51.04 ug/l
RT: 6.06 min Scan# 898
Delta R.T. -0.01 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion: 65 Resp: 204122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.0 | 0.0 | 106.8 |



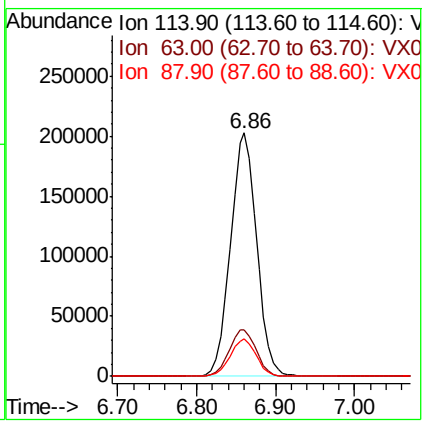


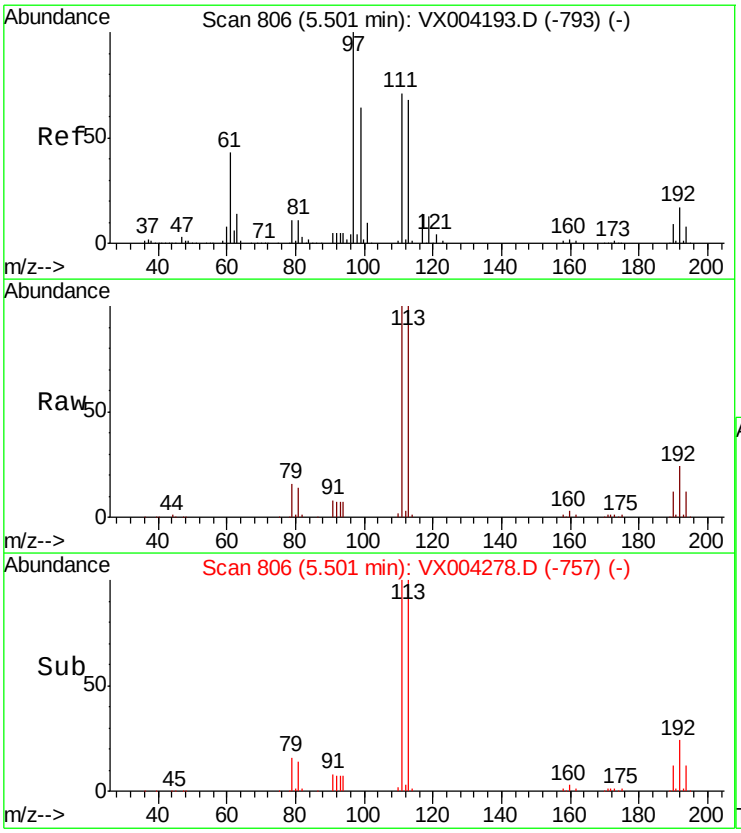

#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0829WBL01

Tgt Ion:114 Resp: 467777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.0 | 0.0 | 39.0 |
| 88 | 15.3 | 0.0 | 30.4 |

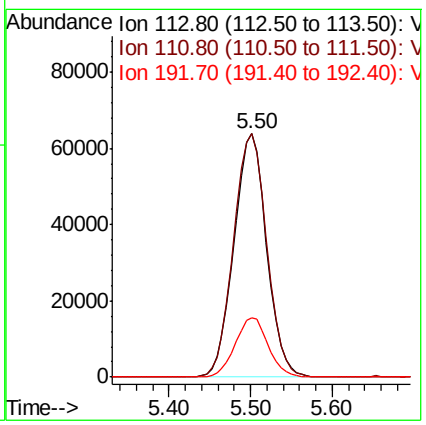


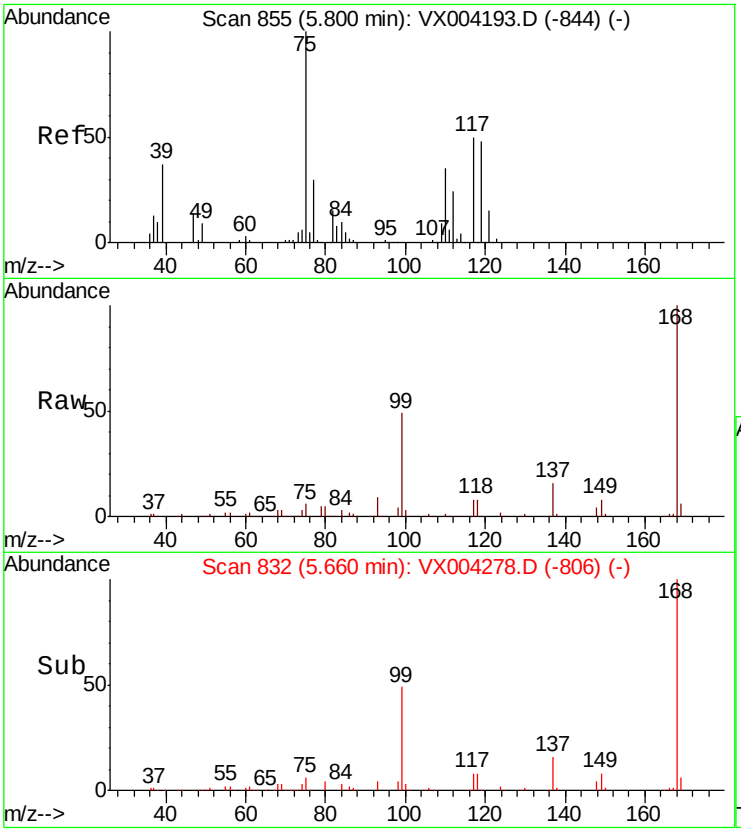




#35
Dibromofluoromethane
Concen: 50.92 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion:113 Resp: 177190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.0 | 82.4 | 123.6 |
| 192 | 24.7 | 19.4 | 29.2 |



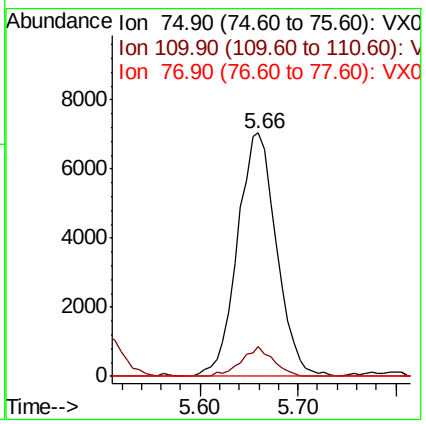


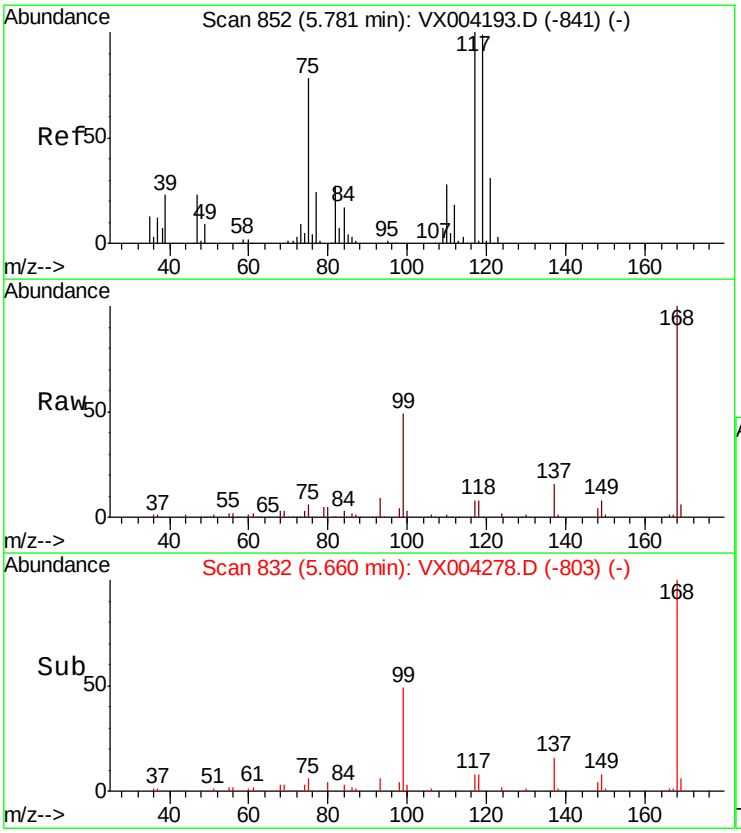

#36
1,1-Dichloropropene
Concen: 3.71 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0829WBL01

Tgt Ion: 75 Resp: 19525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.9 | 18.0 | 54.0# |
| 77 | 0.0 | 24.6 | 36.8# |

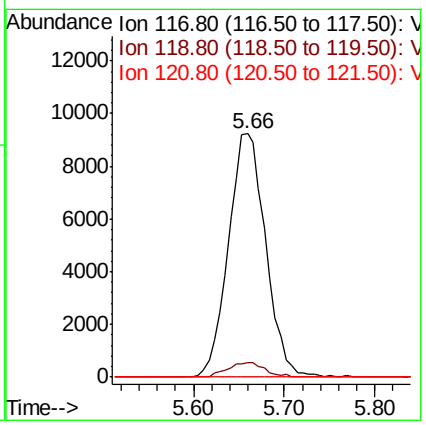


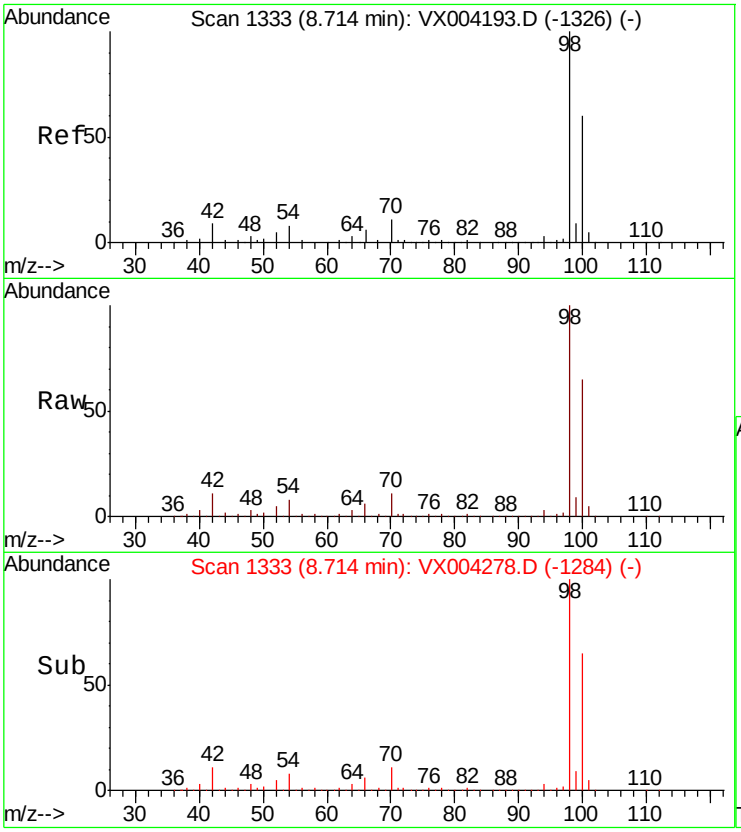




#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.12 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion:117 Resp: 26235

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



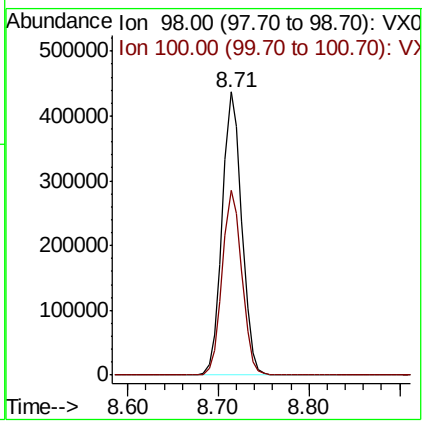


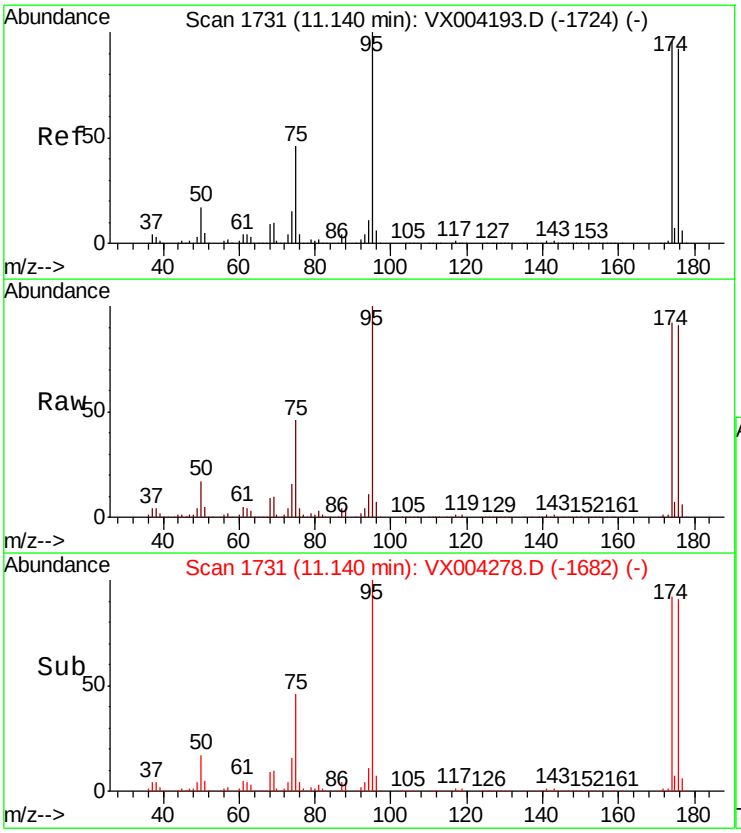

#50
Toluene-d8
Concen: 50.26 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0829WBL01

Tgt Ion: 98 Resp: 660139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.2 | 52.9 | 79.3 |

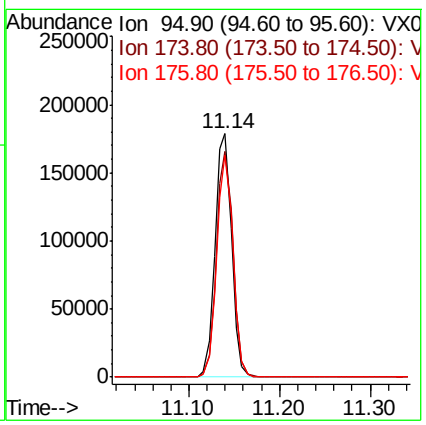


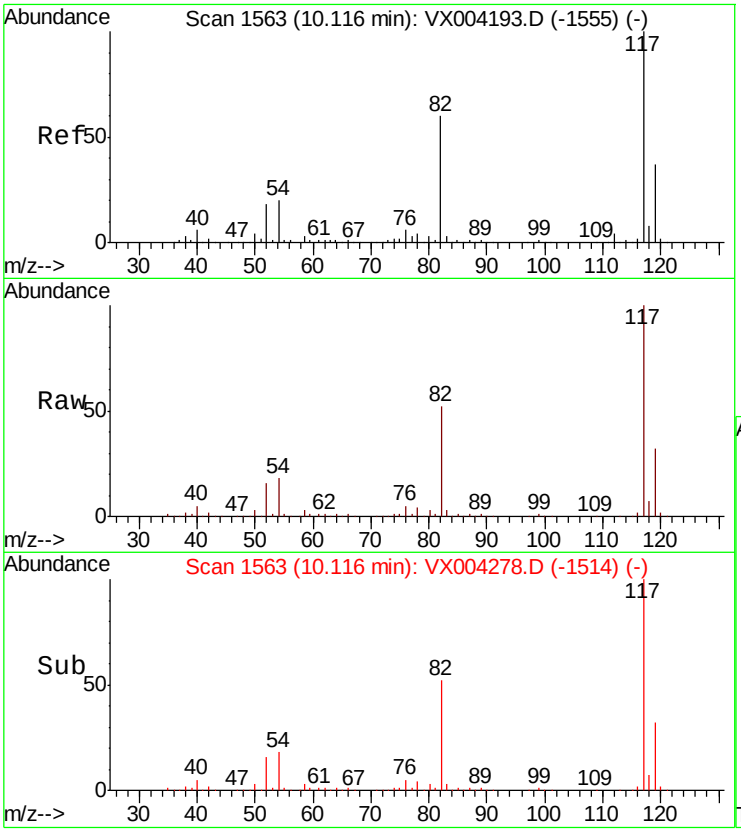




#62
4-Bromofluorobenzene
Concen: 46.68 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion: 95 Resp: 228771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 92.8 | 0.0 | 185.2 |
| 176 | 89.2 | 0.0 | 178.6 |



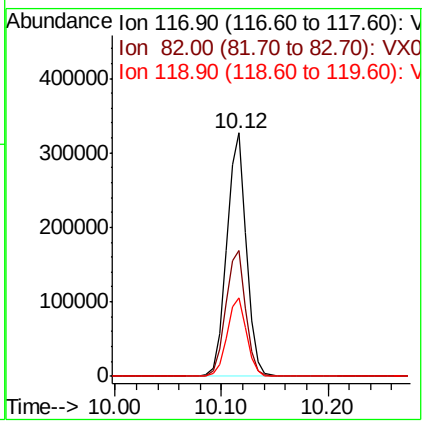


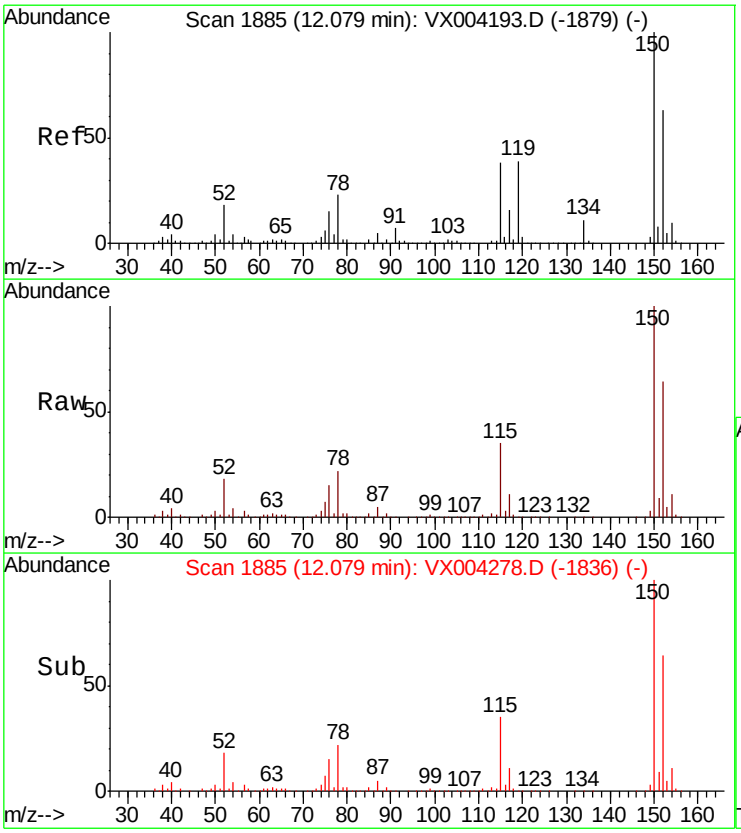

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :** MSVOA_X
**ClientSampleId :** VX0829WBL01

Tgt Ion:117 Resp: 419650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 51.5 | 47.8 | 71.6 |
| 119 | 32.3 | 29.3 | 43.9 |

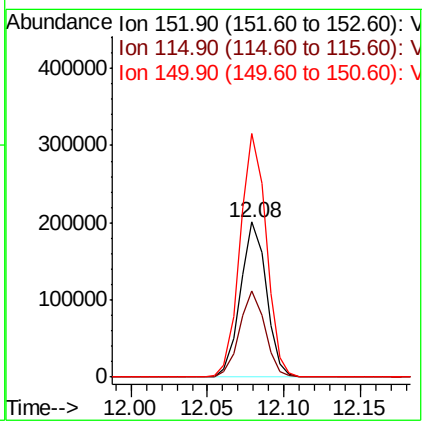


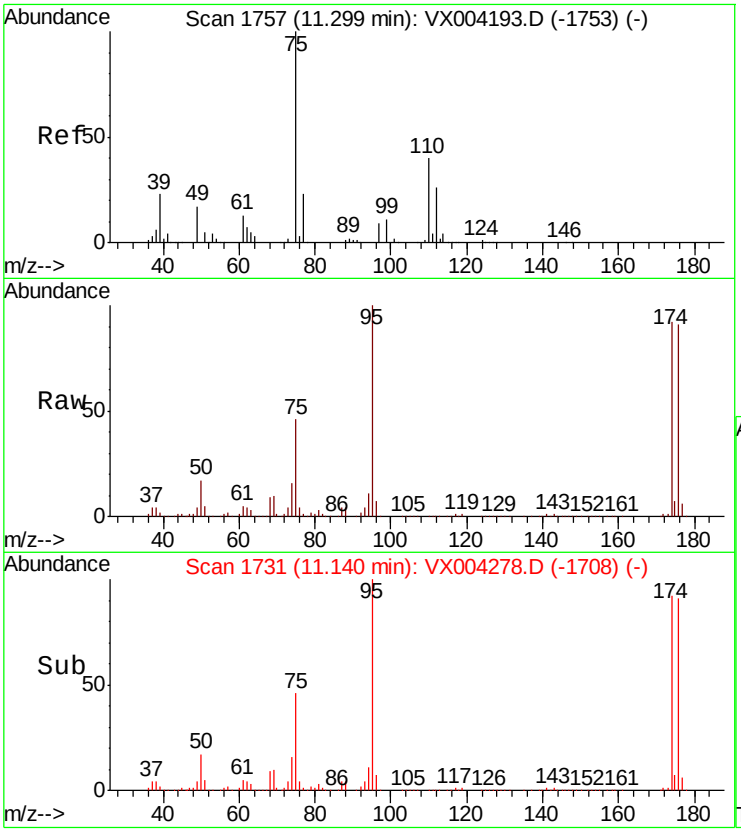




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion:152 Resp: 236466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.7 | 39.0 | 117.0 |
| 150 | 158.9 | 0.0 | 351.0 |



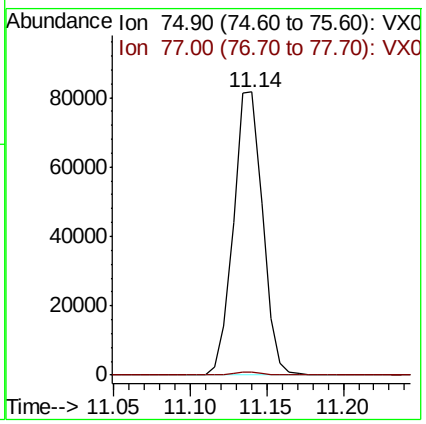


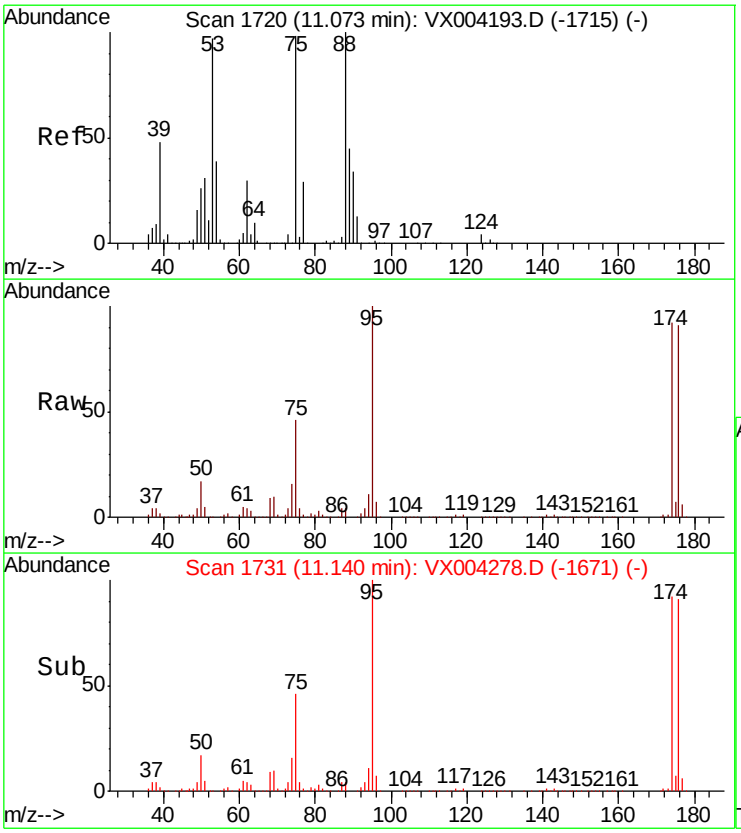

#76
1,2,3-Trichloropropane
Concen: 22.44 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0829WBL01

Tgt Ion: 75 Resp: 107934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 20.2 | 60.6# |




#81
trans-1,4-Dichloro-2-butene
Concen: 72.82 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.07 min
Lab File: VX004278.D
Acq: 29 Aug 2018 08:43

Tgt Ion: 75 Resp: 107934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 80.1 | 120.1# |
| 89 | 0.0 | 37.2 | 55.8# |