Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008637.D
Acq On : 04 Apr 2019 15:44
Operator : JC/SP
Sample : K2263-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** MW-1

Quant Time: Apr 05 07:06:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 218211 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 369382 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 312625 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 123344 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 153849 | 48.34 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.68% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 112861 | 47.79 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.58% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 460015 | 48.92 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.84% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 150093 | 45.01 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.02% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 521 | Below Cal | # | 41 |
| 5) Bromomethane | 1.64 | 94 | 314 | 2.066 | ug/l | 99 |
| 6) Chloroethane | 1.71 | 64 | 1658 | Below Cal | # | 69 |
| 10) Methyl Iodide | 2.51 | 142 | 221 | 4.095 | ug/l # | 42 |
| 11) Tert butyl alcohol | 3.02 | 59 | 1083 | 1.453 | ug/l # | 72 |
| 13) Acrolein | 2.29 | 56 | 79 | 0.214 | ug/l # | 1 |
| 16) Acetone | 2.44 | 43 | 4155 | 2.267 | ug/l | 95 |
| 17) Carbon Disulfide | 2.56 | 76 | 807 | Below Cal | # | 70 |
| 20) Methylene Chloride | 2.86 | 84 | 973 | 0.317 | ug/l # | 89 |
| 28) Bromochloromethane | 5.01 | 49 | 41 | Below Cal | # | 22 |
| 29) Tetrahydrofuran | 5.17 | 42 | 507 | 0.264 | ug/l # | 41 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 18305 | 4.534 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 21439 | 6.415 | ug/l # | 16 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 75329 | 22.232 | ug/l # | 34 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 75329 | 61.282 | ug/l # | 9 |

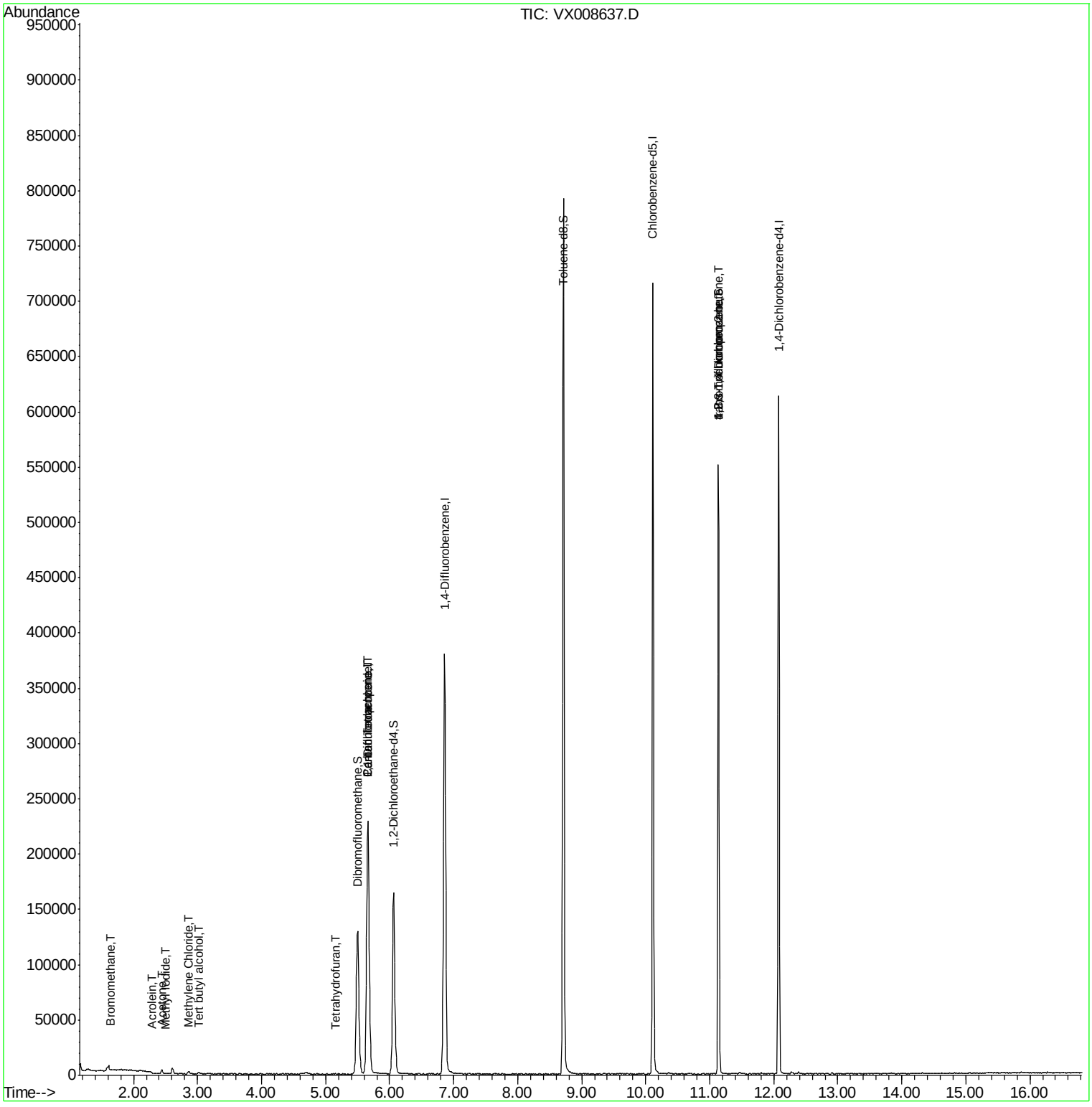
(#) = qualifier out of range (m) = manual integration (+) = signals summed

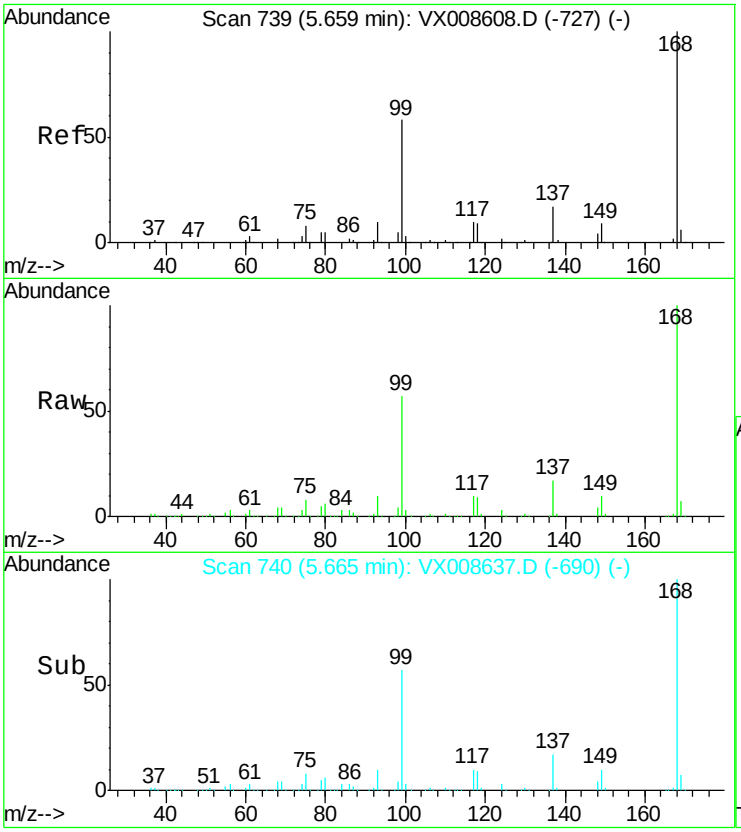
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008637.D
Acq On : 04 Apr 2019 15:44
Operator : JC/SP
Sample : K2263-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Quant Time: Apr 05 07:06:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration



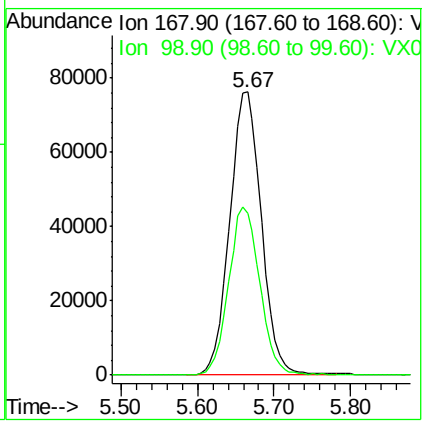


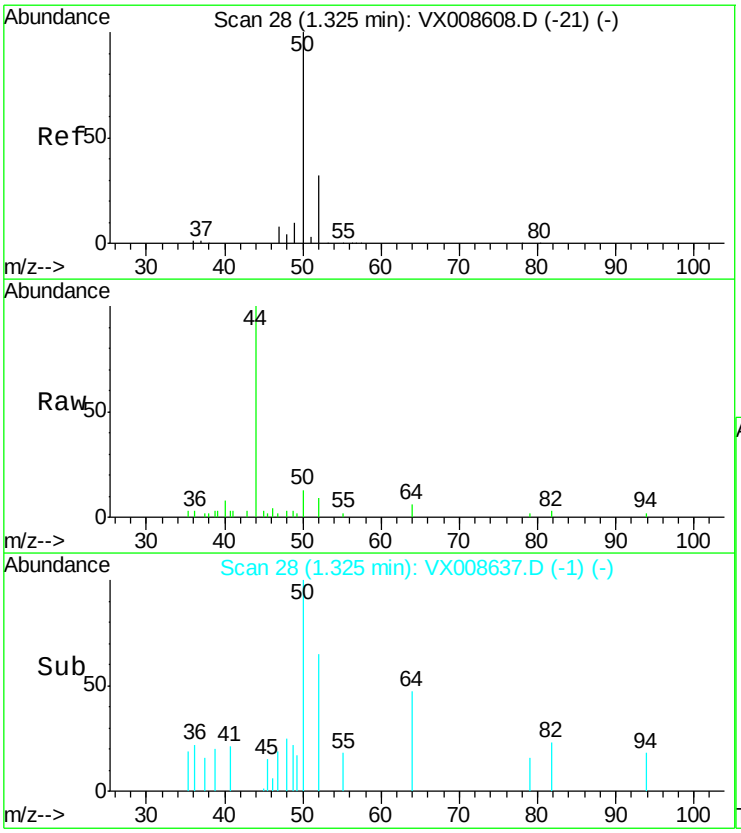

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion:168 Resp: 218211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.3 | 46.7 | 70.1 |

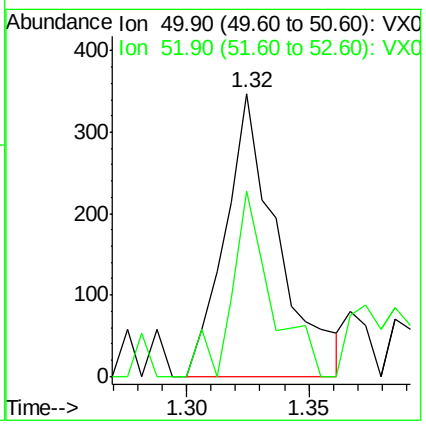


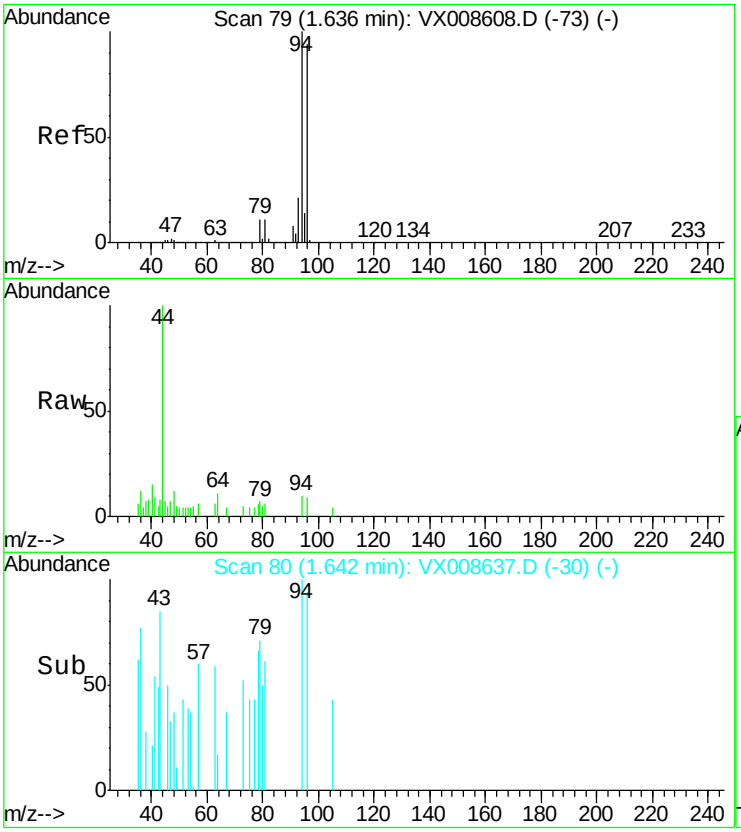




#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

Tgt Ion: 50 Resp: 521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 65.2 | 25.8 | 38.8# |



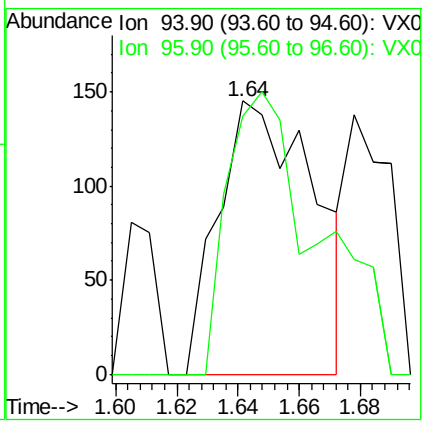


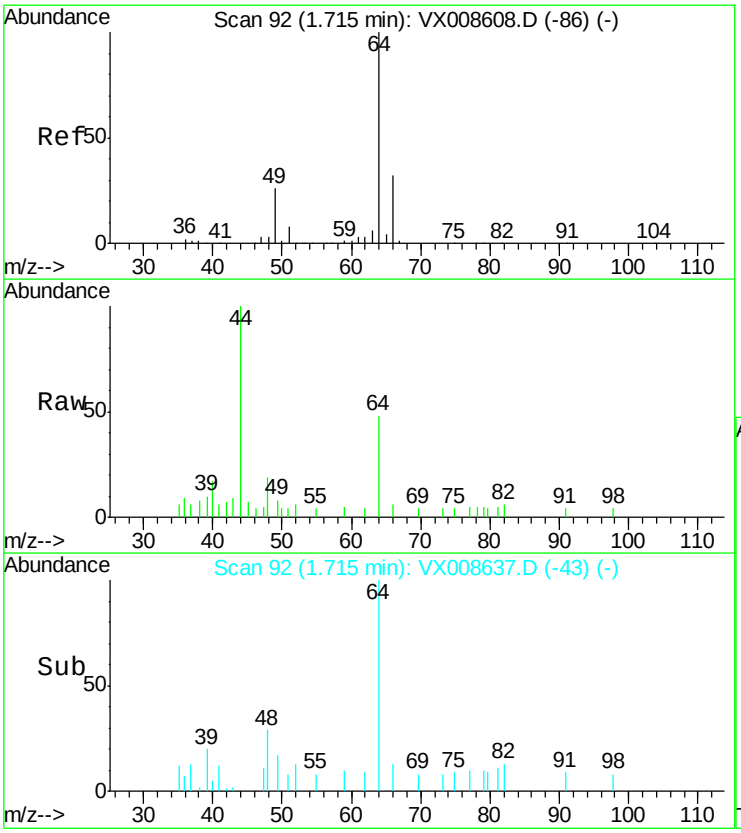

#5
Bromomethane
Concen: 2.066 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion: 94 Resp: 314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.5 | 75.2 | 112.8 |

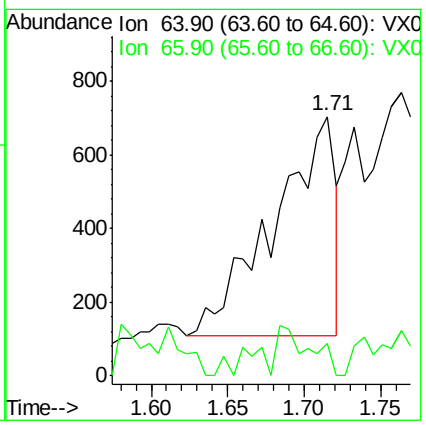


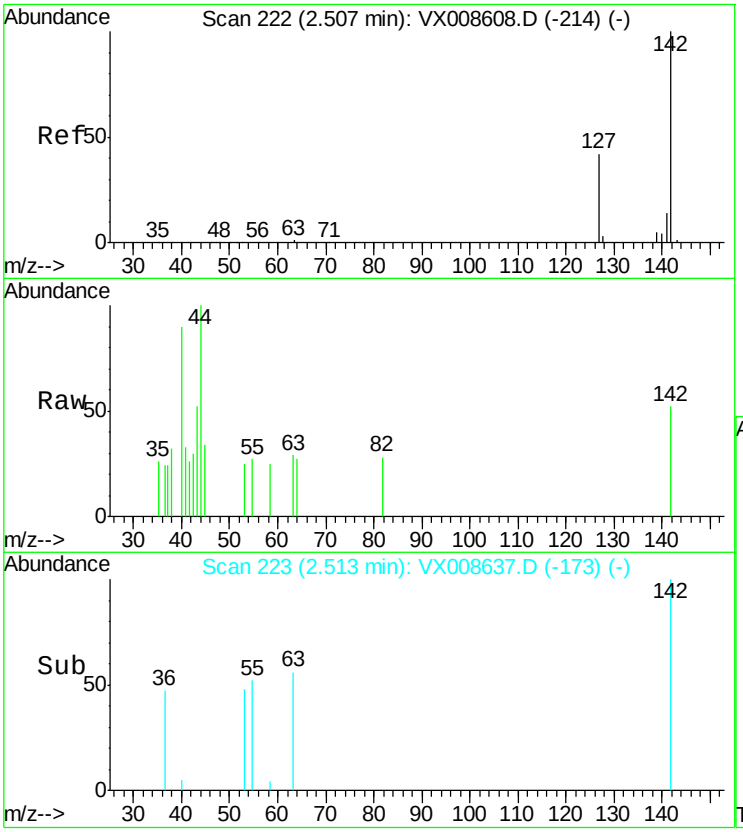




#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

Tgt Ion: 64 Resp: 1658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 14.8 | 25.4 | 38.0# |



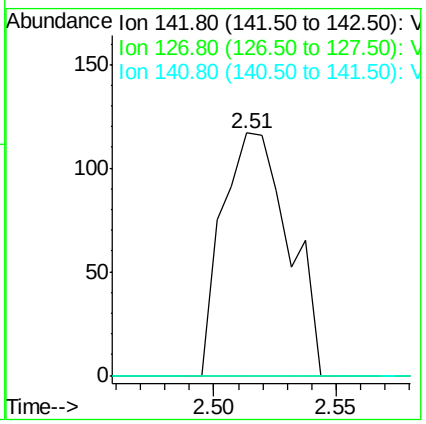


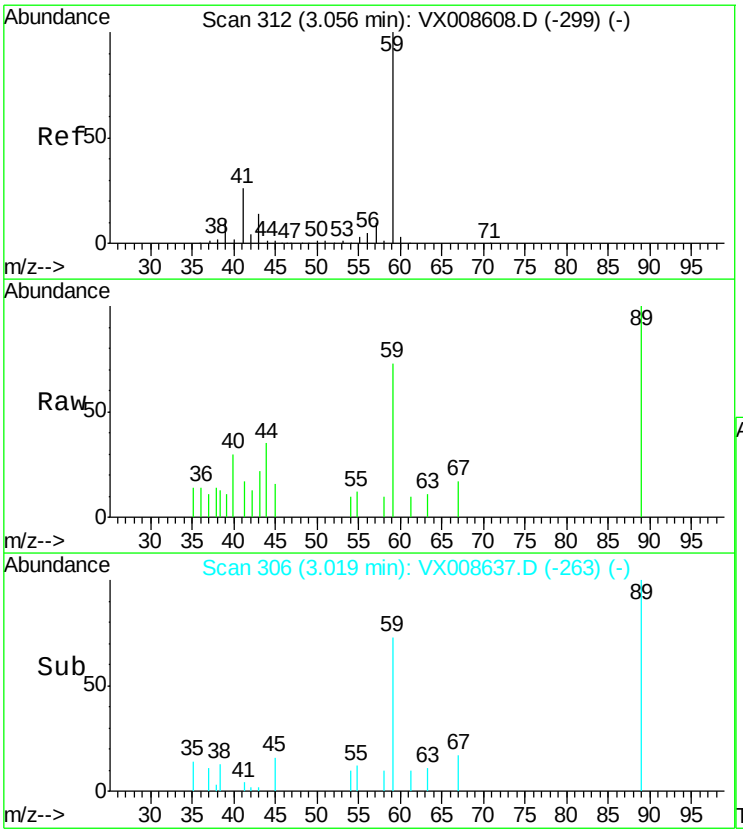

#10
Methyl Iodide
Concen: 4.095 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion:142 Resp: 221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 33.0 | 49.6# |
| 141 | 0.0 | 11.4 | 17.2# |

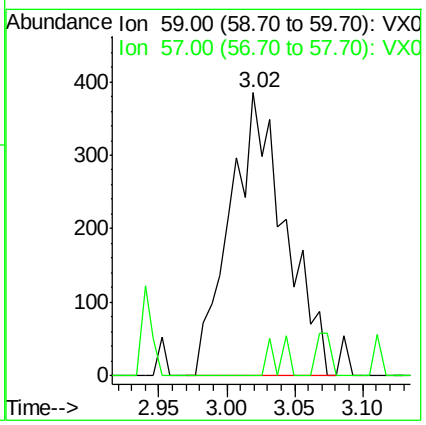


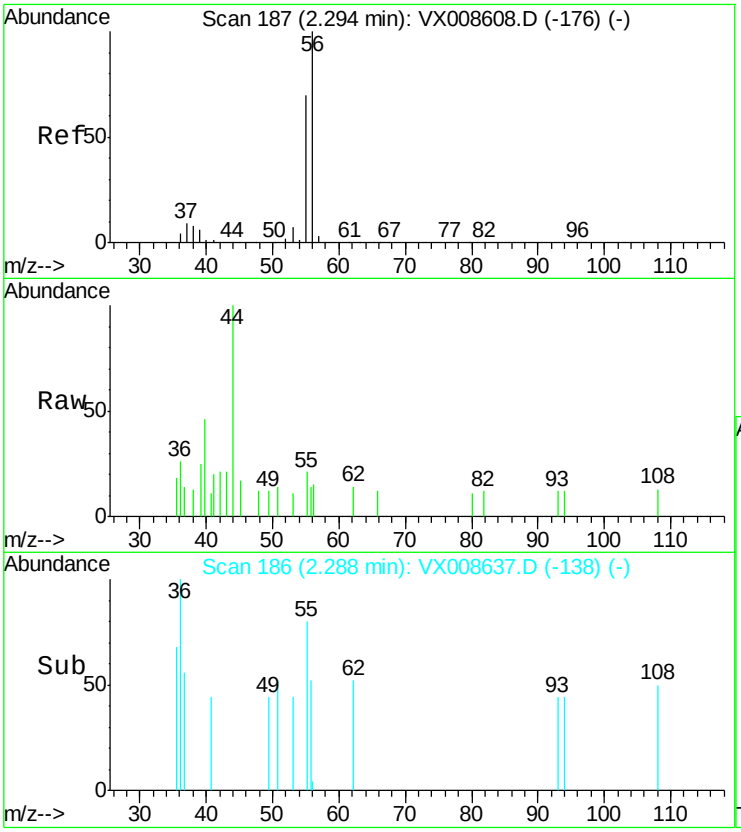




#11
Tert butyl alcohol
Concen: 1.453 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.04 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

Tgt Ion: 59 Resp: 1083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.3 | 12.5# |



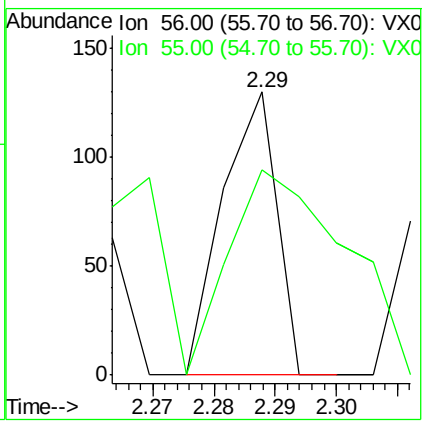


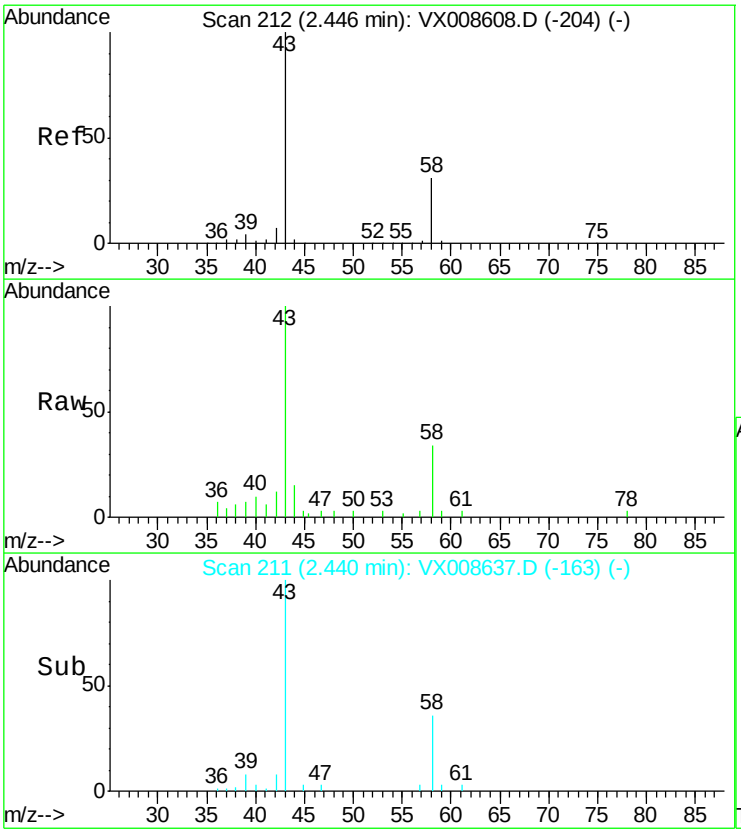

#13
Acrolein
Concen: 0.214 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion: 56 Resp: 79

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 157.0 | 58.0 | 87.0# |

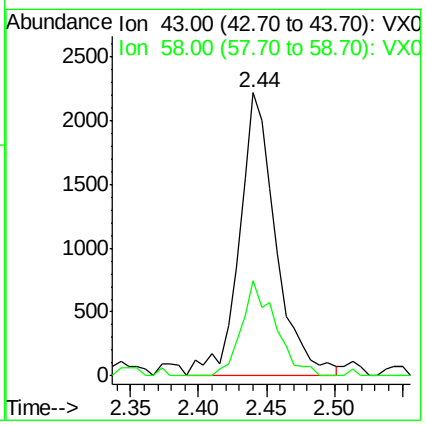


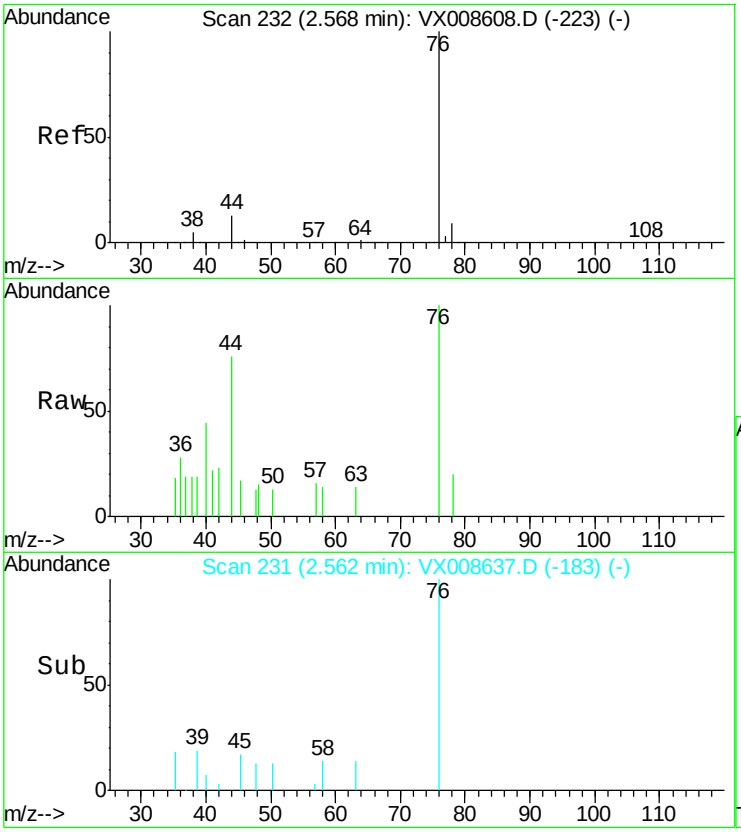




#16
Acetone
Concen: 2.267 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

Tgt Ion: 43 Resp: 4155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.6 | 24.8 | 37.2 |



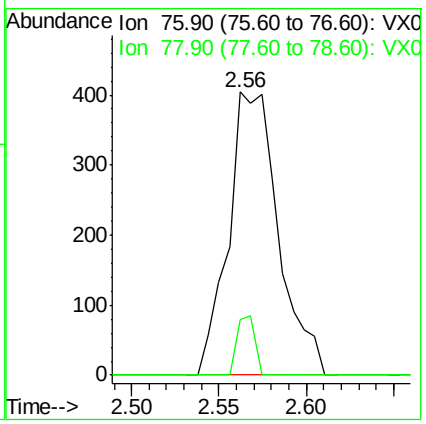


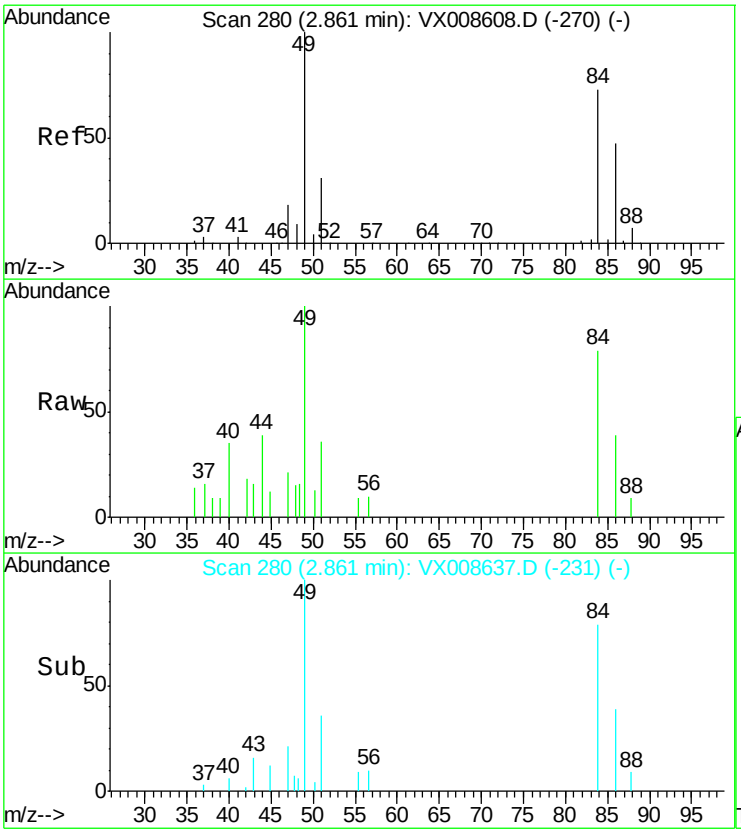

#17
Carbon Disulfide
Concen: Below Cal
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion: 76 Resp: 807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 19.6 | 7.1 | 10.7# |

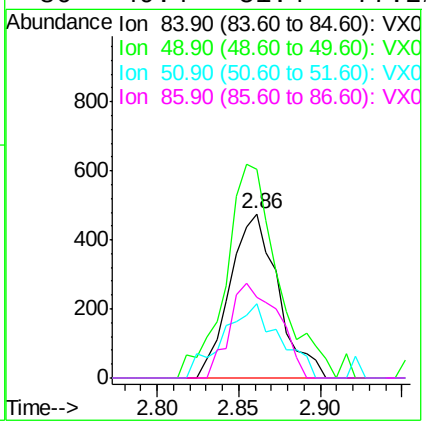


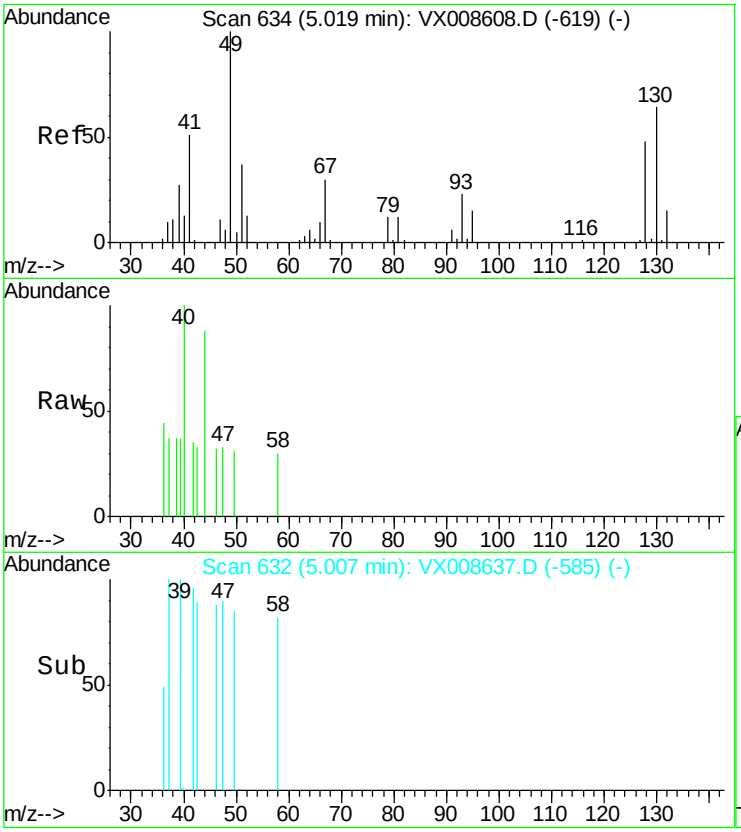




#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

Tgt Ion: 84 Resp: 973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 126.9 | 109.7 | 164.5 |
| 51 | 45.4 | 33.6 | 50.4 |
| 86 | 49.4 | 51.4 | 77.2# |



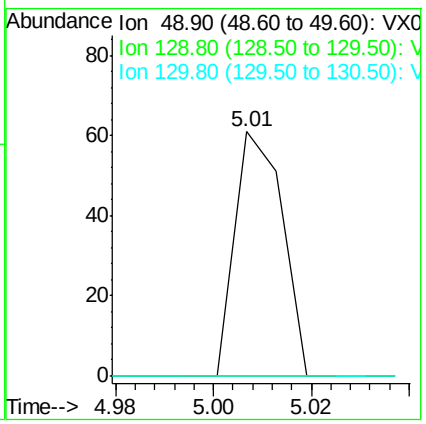


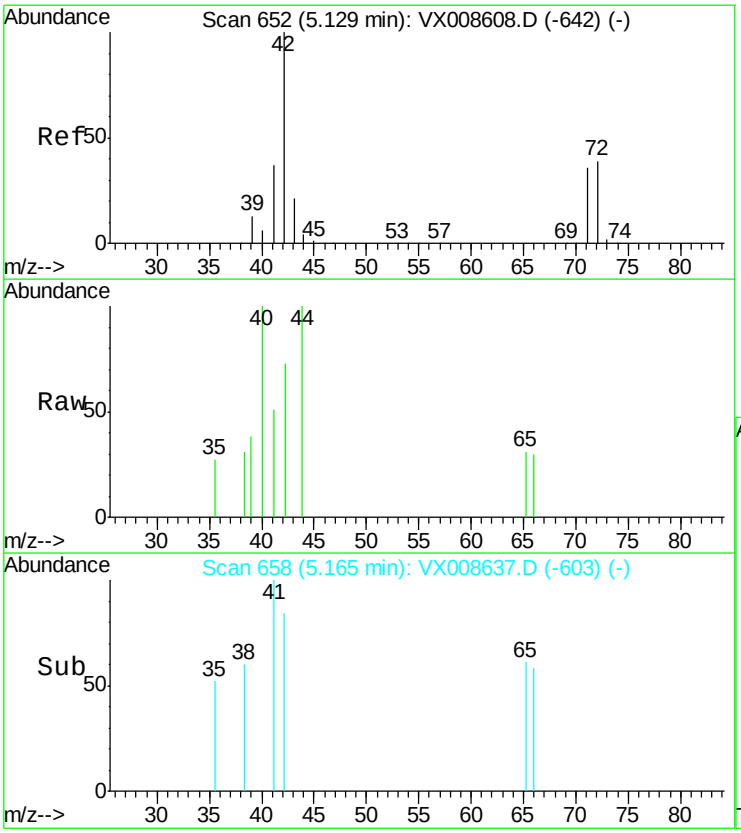

#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion: 49 Resp: 41

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 3.6 |
| 130 | 0.0 | 49.3 | 73.9# |

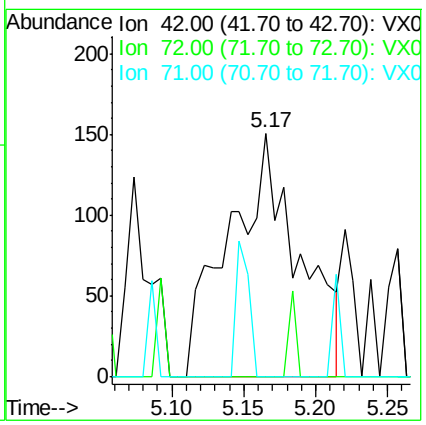


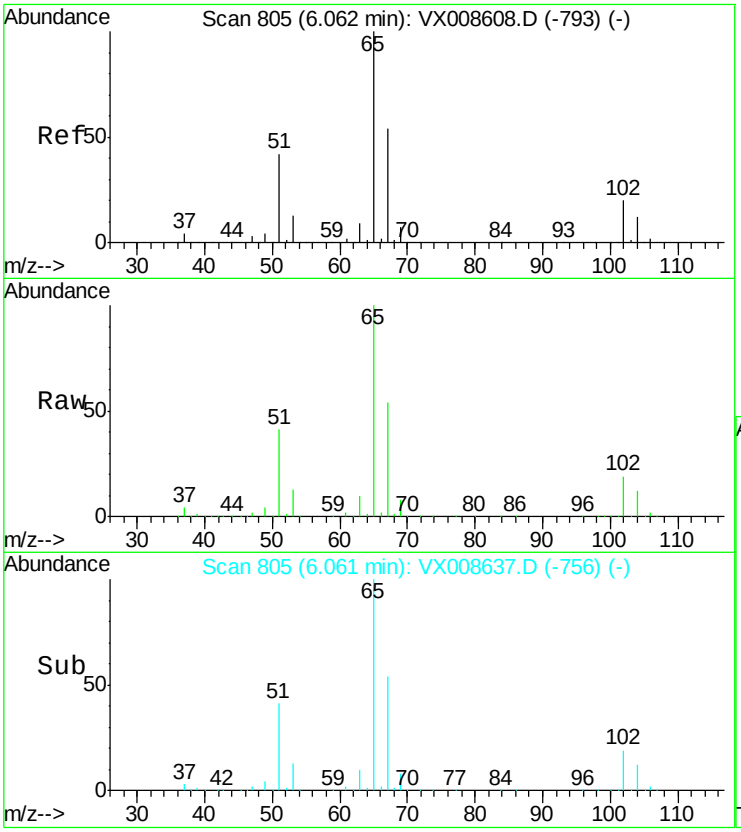




#29
Tetrahydrofuran
Concen: 0.264 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.04 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

Tgt Ion: 42 Resp: 507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 3.7 | 30.5 | 45.7# |
| 71 | 0.0 | 28.6 | 43.0# |



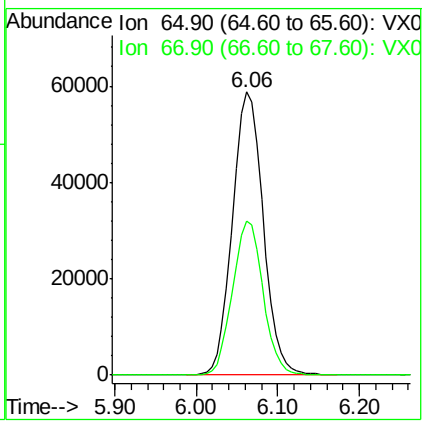


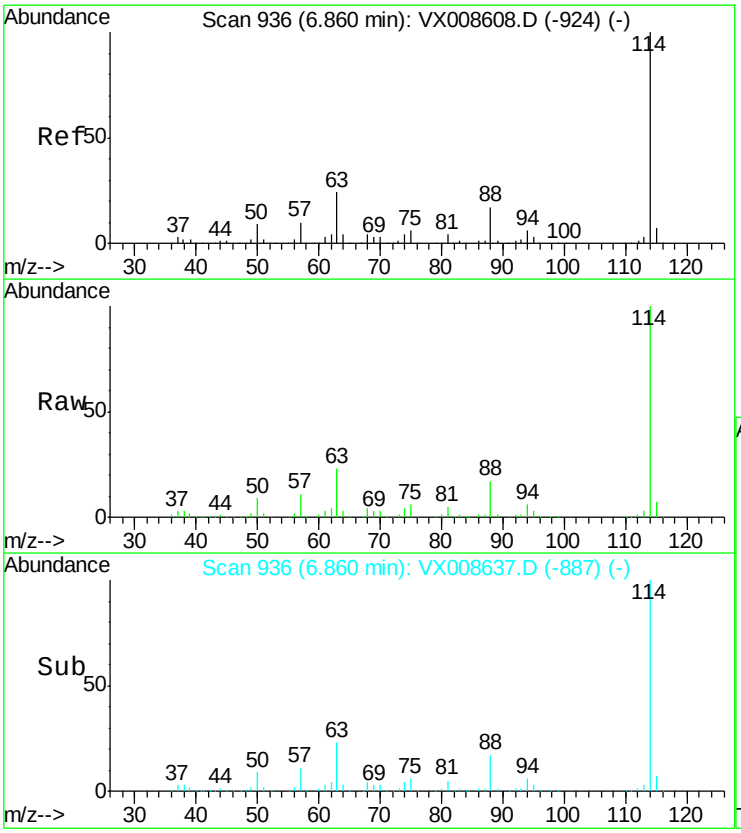

#33
1,2-Dichloroethane-d4
Concen: 48.339 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion: 65 Resp: 153849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.0 | 0.0 | 107.2 |

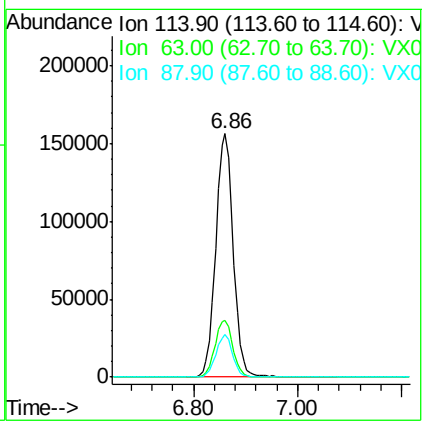


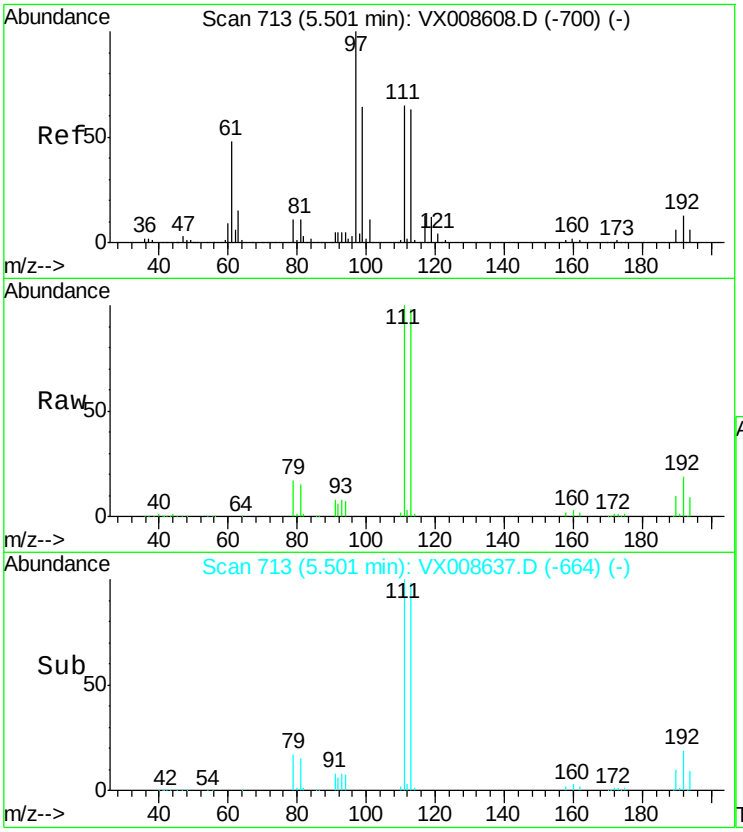




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

Tgt Ion:114 Resp: 369382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.3 | 0.0 | 47.2 |
| 88 | 17.3 | 0.0 | 34.0 |



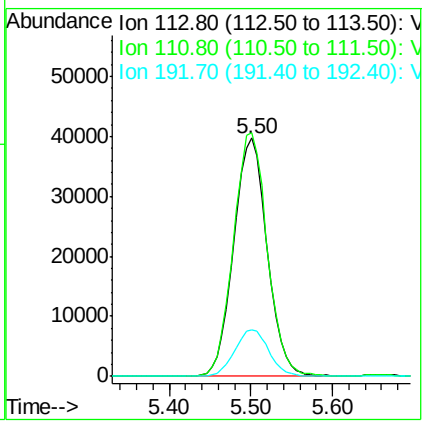


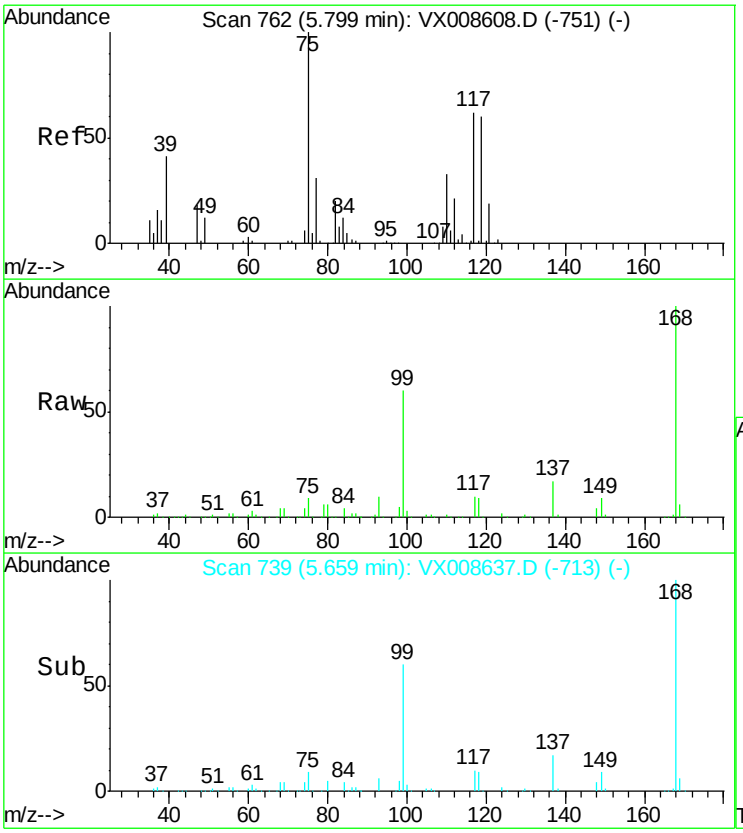

#35
Dibromofluoromethane
Concen: 47.788 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion:113 Resp: 112861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 83.4 | 125.2 |
| 192 | 20.0 | 16.1 | 24.1 |

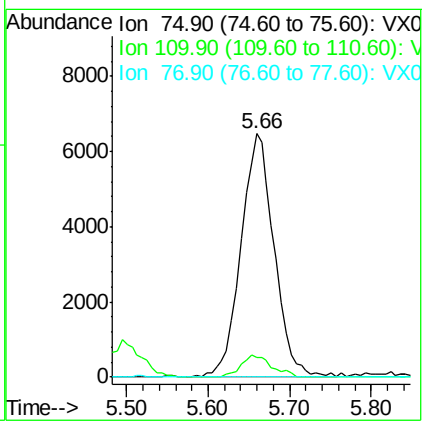


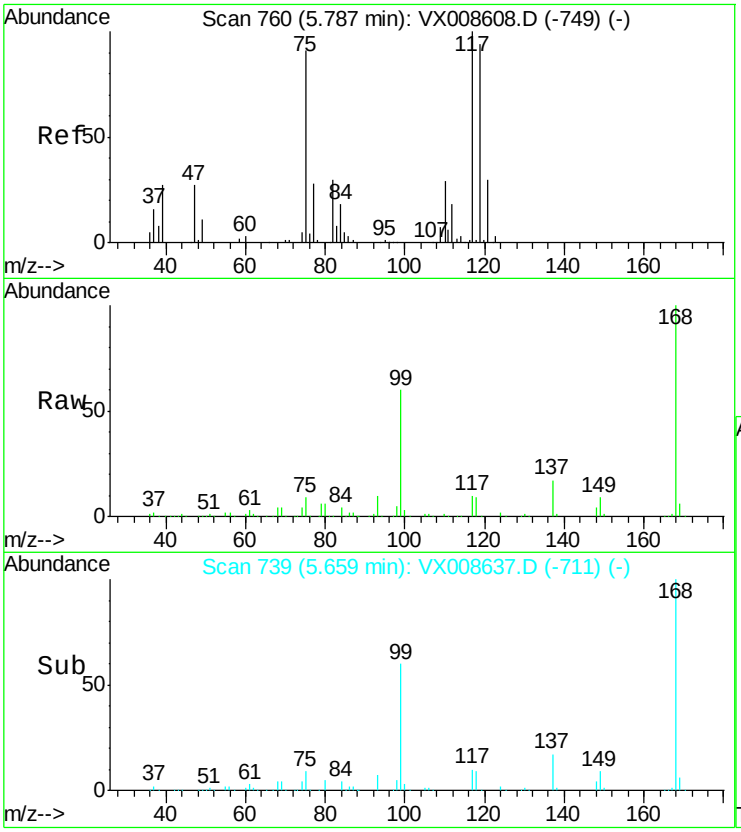




#36
1,1-Dichloropropene
Concen: 4.534 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

Tgt Ion: 75 Resp: 18305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.2 | 16.4 | 49.2# |
| 77 | 0.0 | 24.7 | 37.1# |



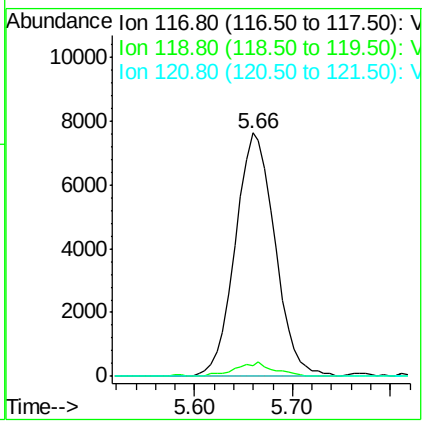


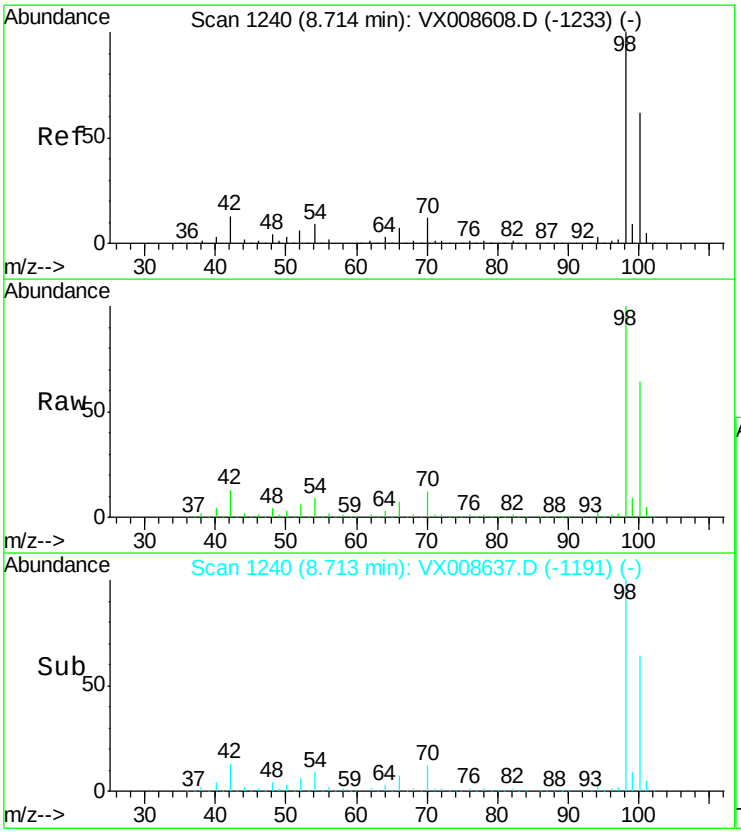

#38
Carbon Tetrachloride
Concen: 6.415 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion:117 Resp: 21439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.4 | 75.0 | 112.6# |
| 121 | 0.0 | 24.3 | 36.5# |

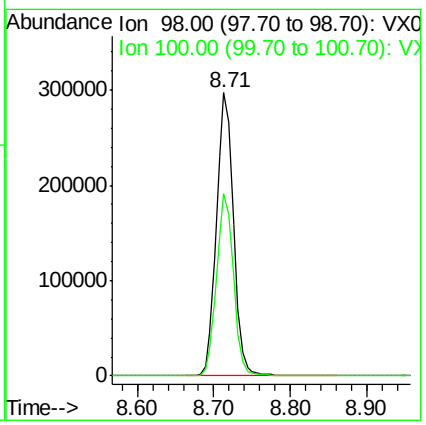


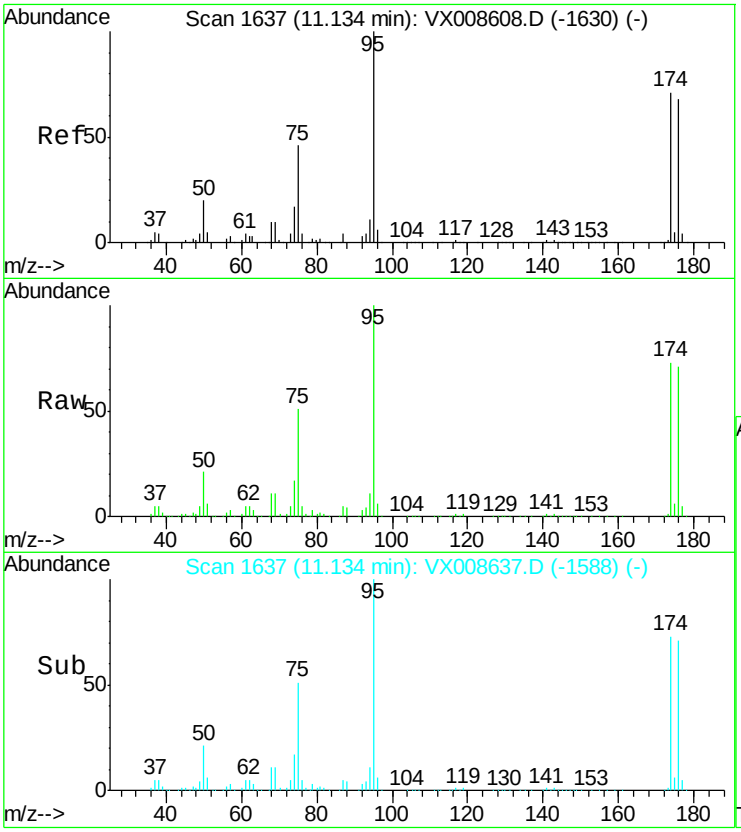




#50
Toluene-d8
Concen: 48.919 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

Tgt Ion: 98 Resp: 460015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.0 | 51.4 | 77.0 |



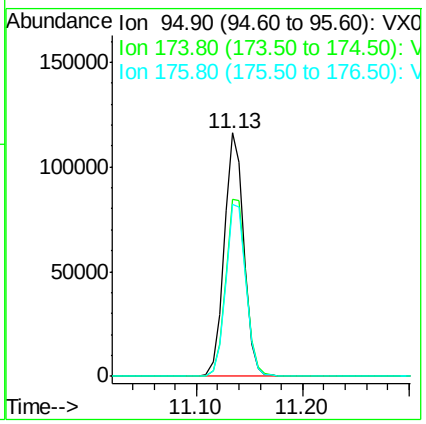


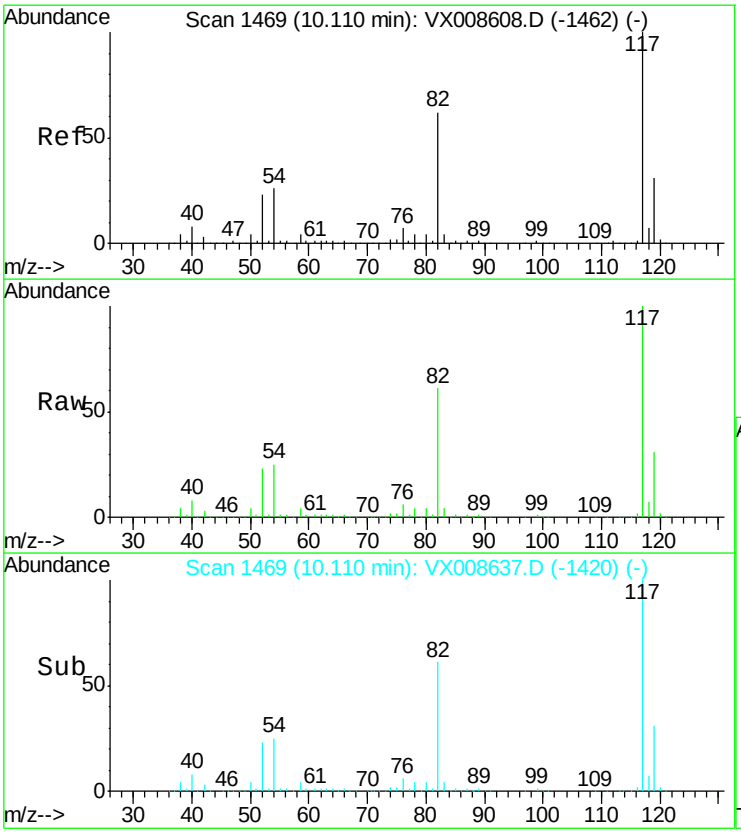

#62
4-Bromofluorobenzene
Concen: 45.010 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion: 95 Resp: 150093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.6 | 0.0 | 151.8 |
| 176 | 72.9 | 0.0 | 145.8 |

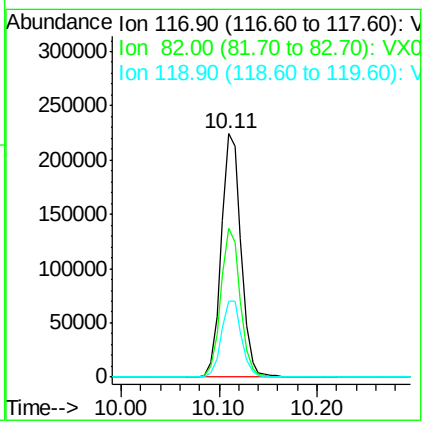


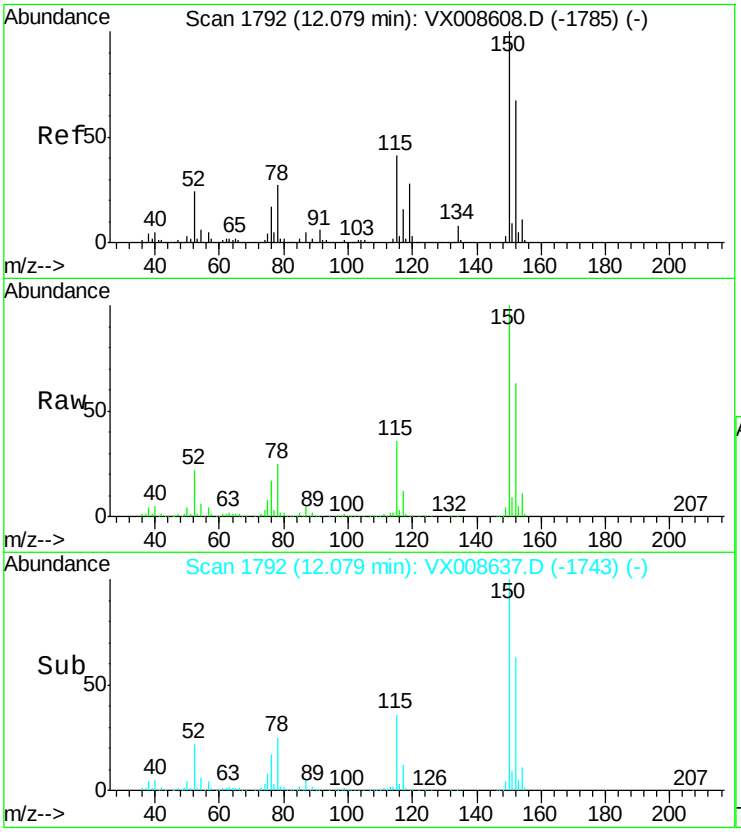




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

Tgt Ion:117 Resp: 312625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.4 | 49.6 | 74.4 |
| 119 | 31.4 | 25.0 | 37.4 |



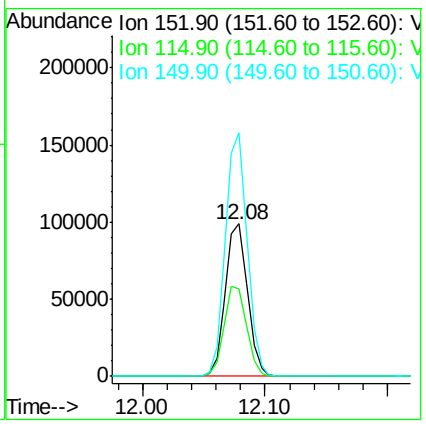


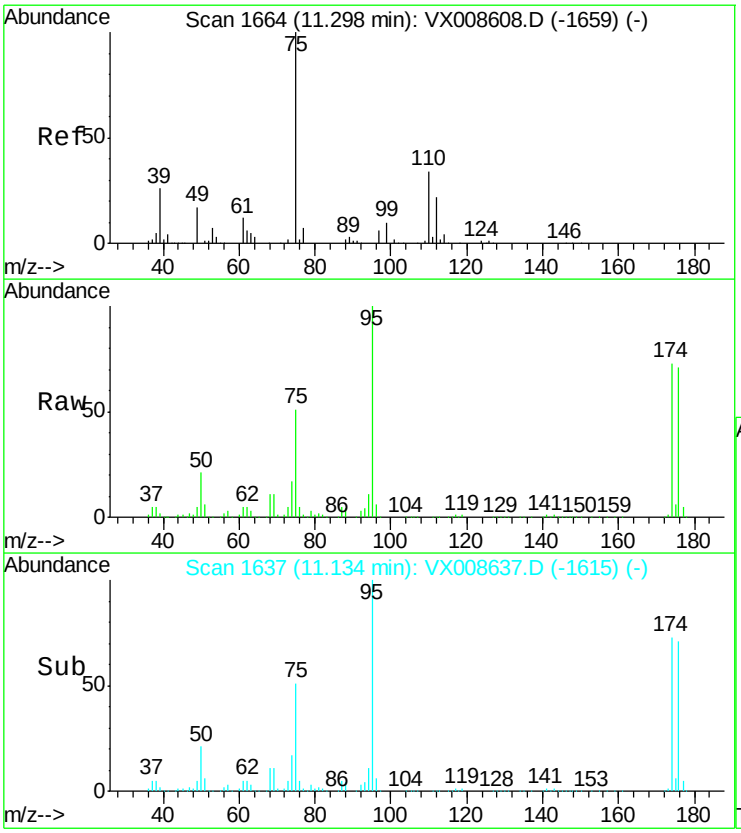

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion:152 Resp: 123344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.4 | 43.5 | 130.5 |
| 150 | 157.9 | 0.0 | 348.8 |

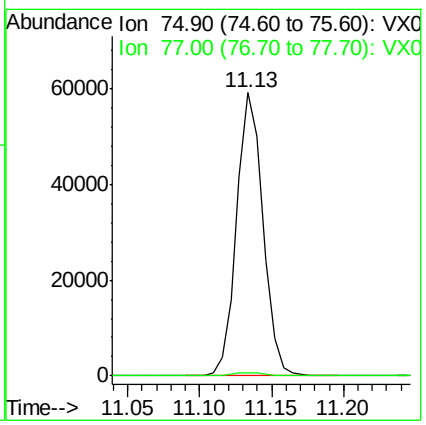


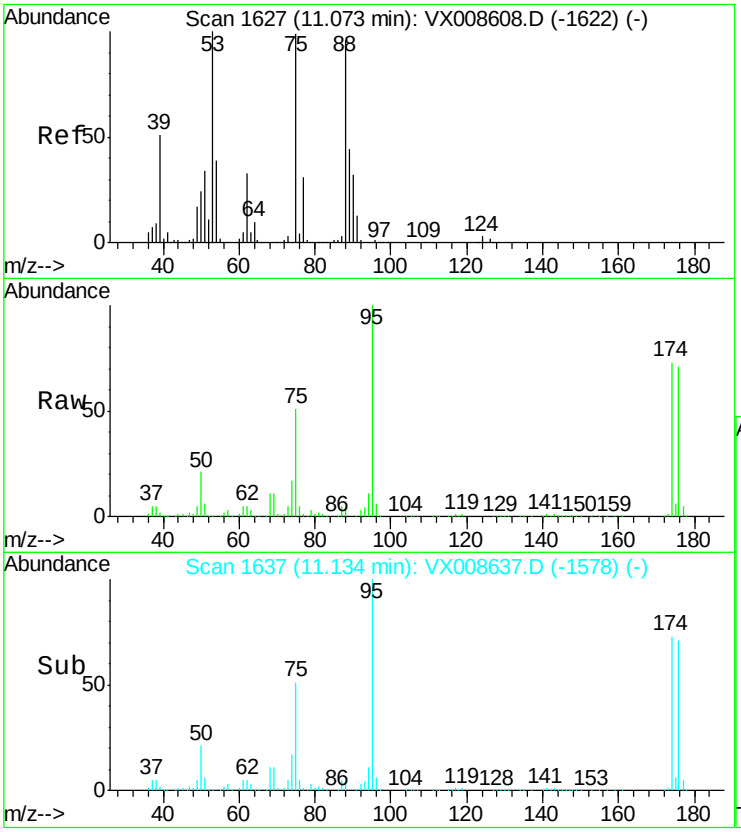




#76
1,2,3-Trichloropropane
Concen: 22.232 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

Tgt Ion: 75 Resp: 75329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 22.3 | 66.8# |






#81
trans-1,4-Dichloro-2-butene
Concen: 61.282 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008637.D
Acq: 04 Apr 2019 15:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-1

Tgt Ion: 75 Resp: 75329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 81.3 | 121.9# |
| 89 | 0.0 | 35.6 | 53.4# |