Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008664.D
Acq On : 05 Apr 2019 02:59
Operator : JC/SP
Sample : K2274-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SS037MW042-190403

Quant Time: Apr 05 07:14:53 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 | 215364 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 360609 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 314523 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 131429 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 149661 | 47.64 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.28% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 109534 | 47.51 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.02% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 450633 | 49.09 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.18% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 154104 | 47.34 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.68% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 1314 | Below Cal | # | 71 |
| 4) Vinyl Chloride | 1.41 | 62 | 1480 | 0.442 | ug/l # | 83 |
| 5) Bromomethane | 1.65 | 94 | 318 | 2.071 | ug/l # | 70 |
| 6) Chloroethane | 1.66 | 64 | 1880 | Below Cal | # | 66 |
| 10) Methyl Iodide | 2.52 | 142 | 22 | 4.012 | ug/l # | 42 |
| 11) Tert butyl alcohol | 3.01 | 59 | 865 | 1.176 | ug/l # | 72 |
| 13) Acrolein | 2.29 | 56 | 106 | 0.291 | ug/l | 90 |
| 16) Acetone | 2.44 | 43 | 1799 | 0.994 | ug/l | 94 |
| 17) Carbon Disulfide | 2.57 | 76 | 558 | Below Cal | # | 74 |
| 21) trans-1,2-Dichloroethene | 3.17 | 96 | 875 | 0.325 | ug/l | 82 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 53495 | 17.277 | ug/l | 90 |
| 28) Bromochloromethane | 5.02 | 49 | 37 | Below Cal | # | 22 |
| 31) Cyclohexane | 5.66 | 56 | 5078 | 0.936 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 17791 | 4.513 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 20773 | 6.367 | ug/l # | 17 |
| 44) Trichloroethene | 7.21 | 130 | 16942 | 6.194 | ug/l | 97 |
| 49) 1,4-Dioxane | 7.77 | 88 | 20 | 0.256 | ug/l # | 1 |
| 60) Dibromochloromethane | 9.34 | 129 | 5807 | 2.217 | ug/l # | 11 |
| 64) Tetrachloroethene | 9.34 | 164 | 6050 | 2.596 | ug/l | 98 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 78494 | 21.741 | ug/l # | 34 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 78494 | 59.929 | ug/l # | 9 |

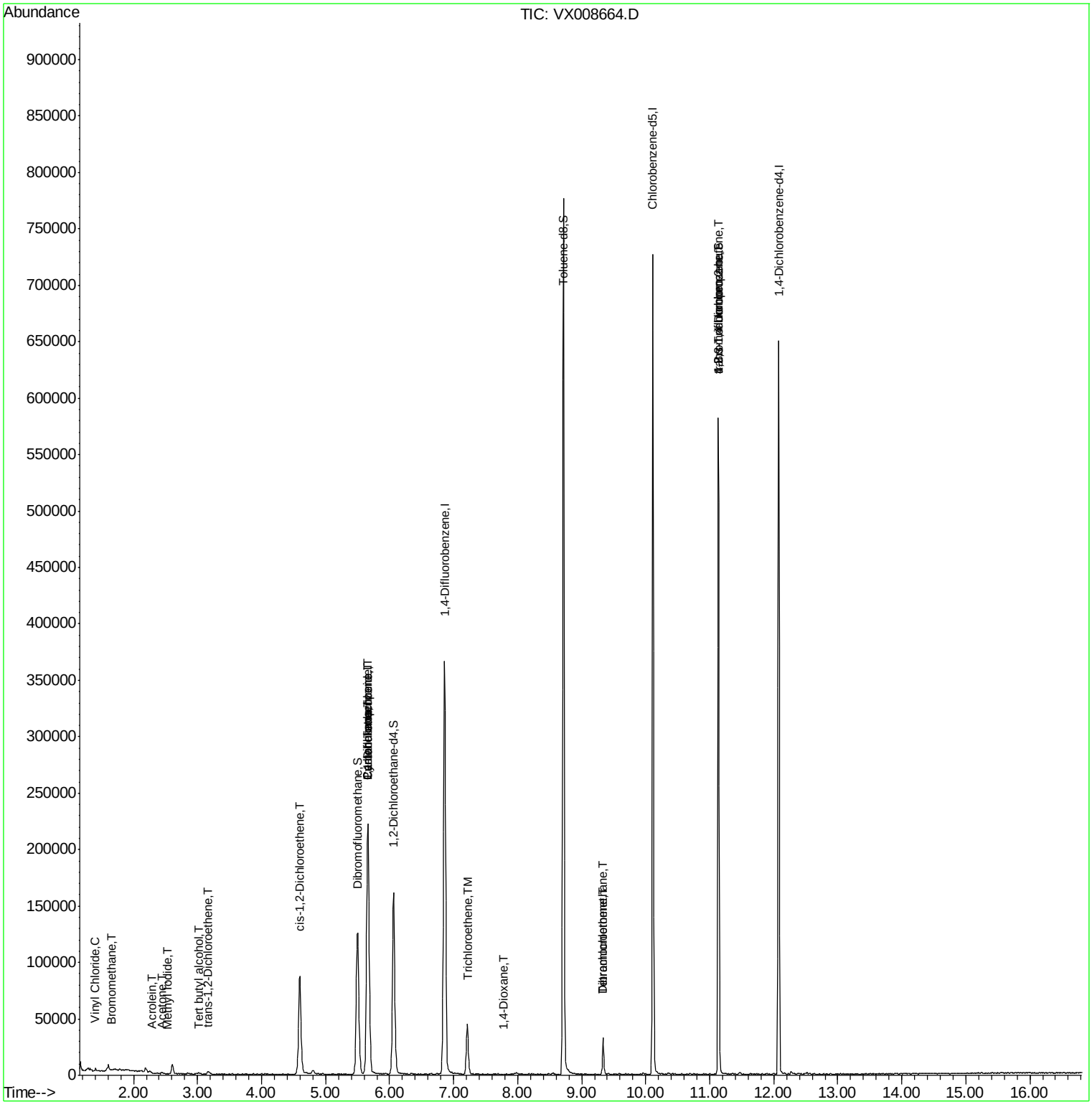
(#) = qualifier out of range (m) = manual integration (+) = signals summed

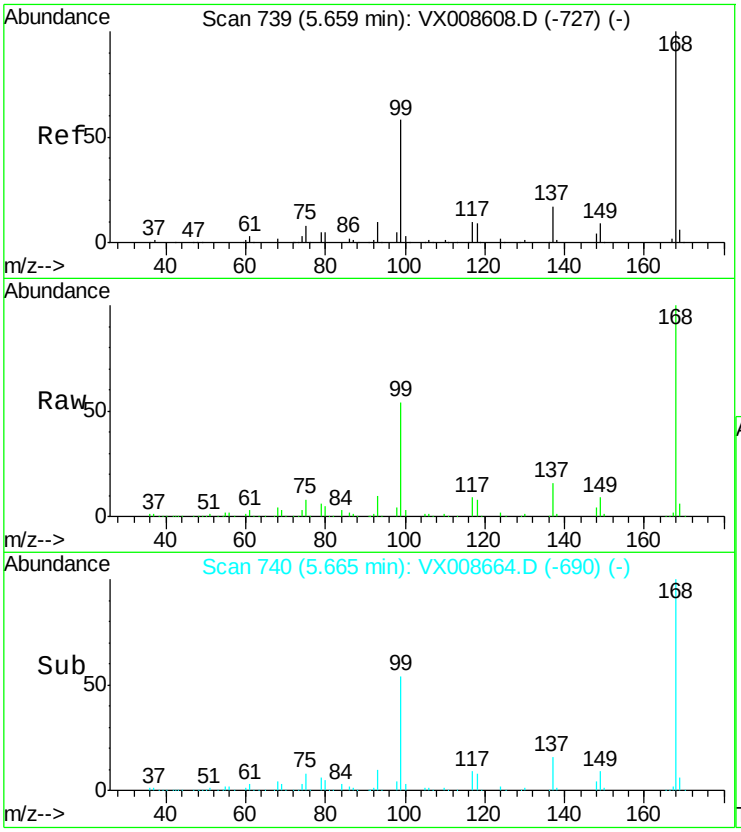
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008664.D
Acq On : 05 Apr 2019 02:59
Operator : JC/SP
Sample : K2274-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Quant Time: Apr 05 07:14:53 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



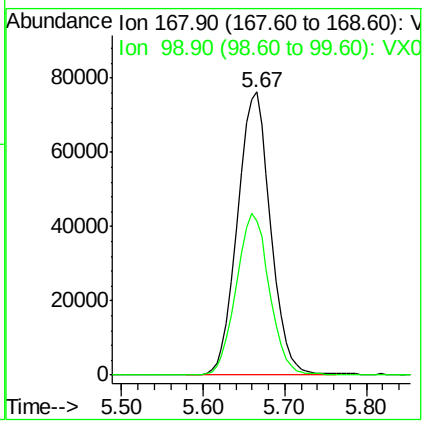


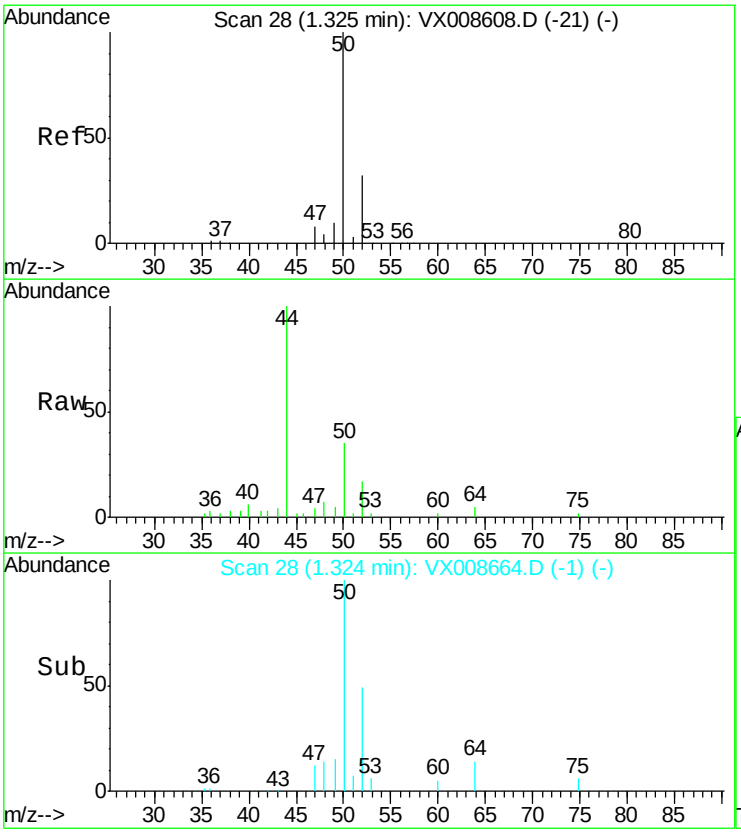

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion:168 Resp: 215364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 54.3 | 46.7 | 70.1 |

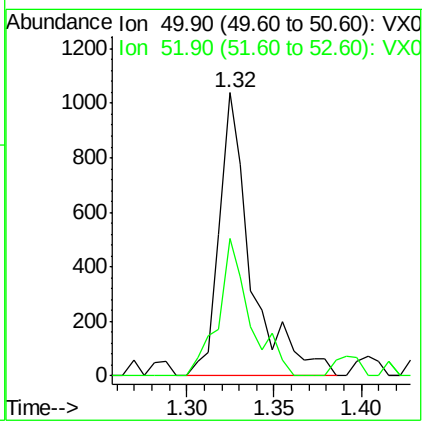


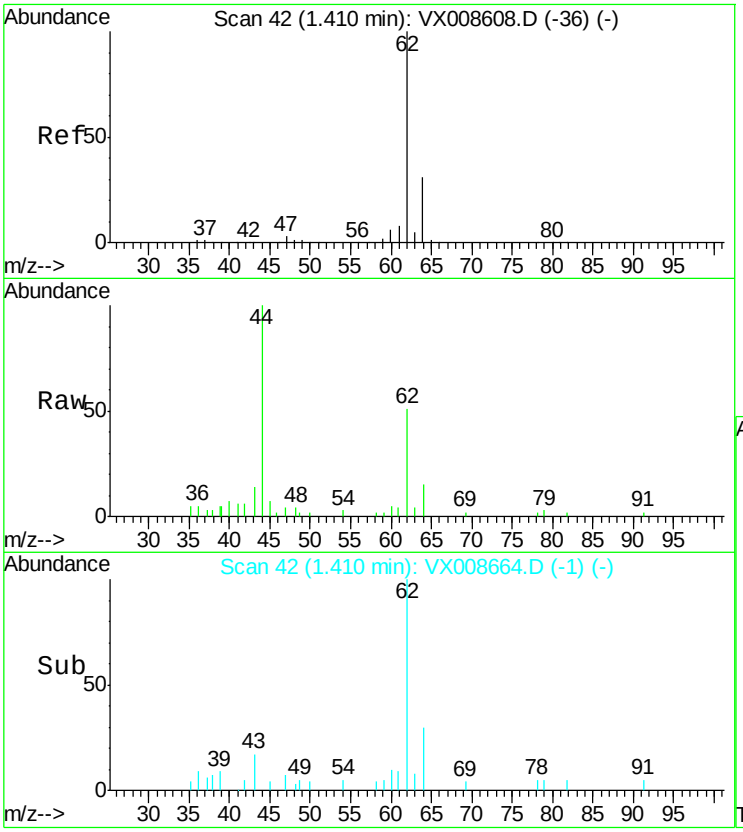




#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion: 50 Resp: 1314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 48.7 | 25.8 | 38.8# |



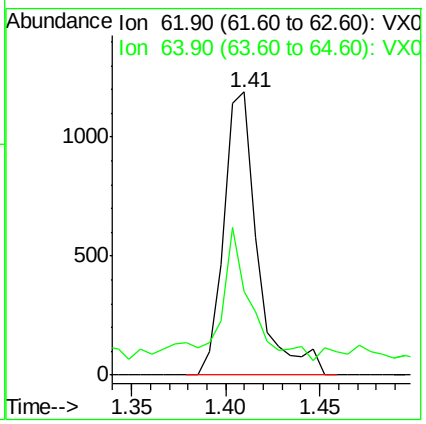


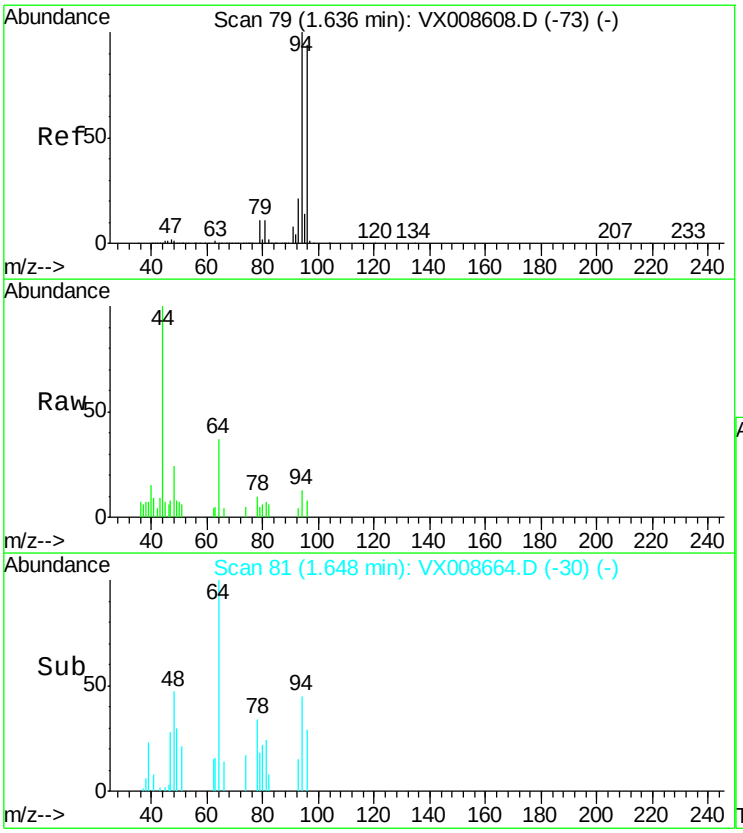

#4
Vinyl Chloride
Concen: 0.442 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion: 62 Resp: 1480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 21.4 | 24.7 | 37.1# |

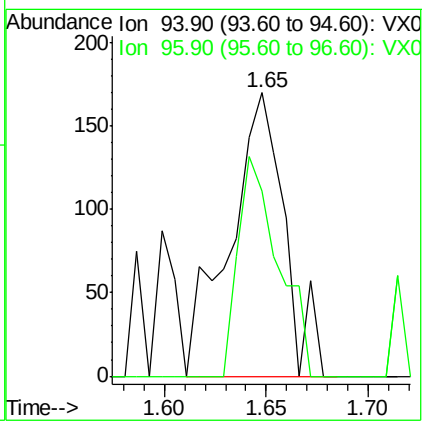


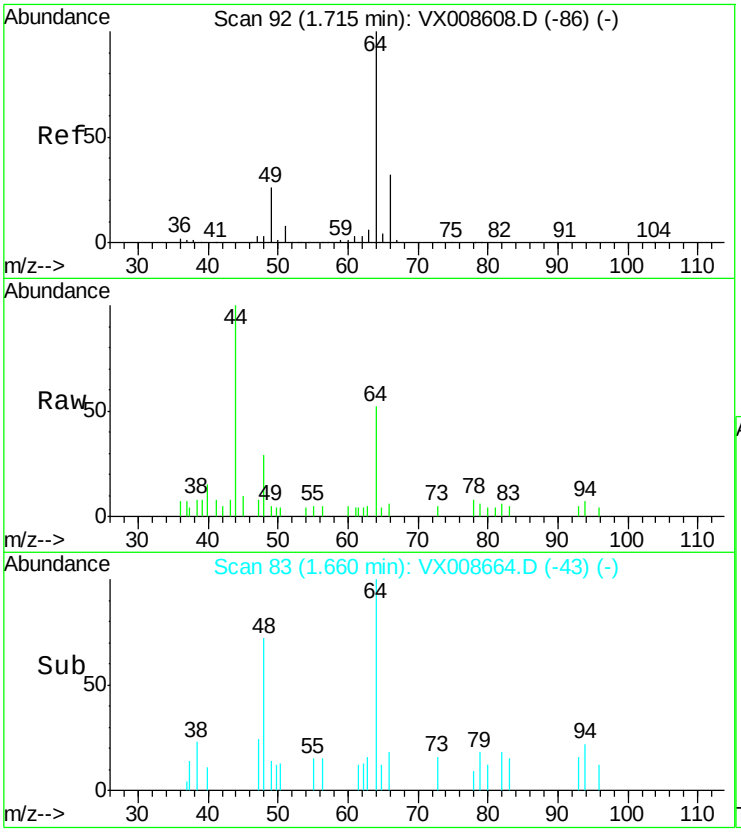




#5
Bromomethane
Concen: 2.071 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion: 94 Resp: 318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 65.3 | 75.2 | 112.8# |



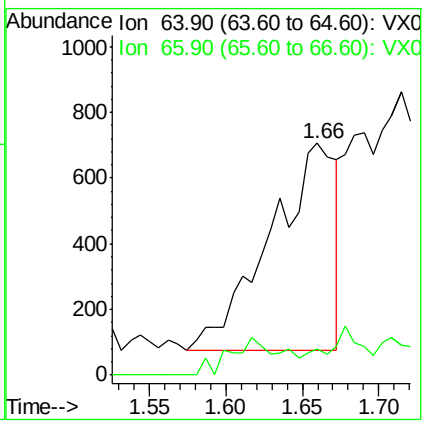


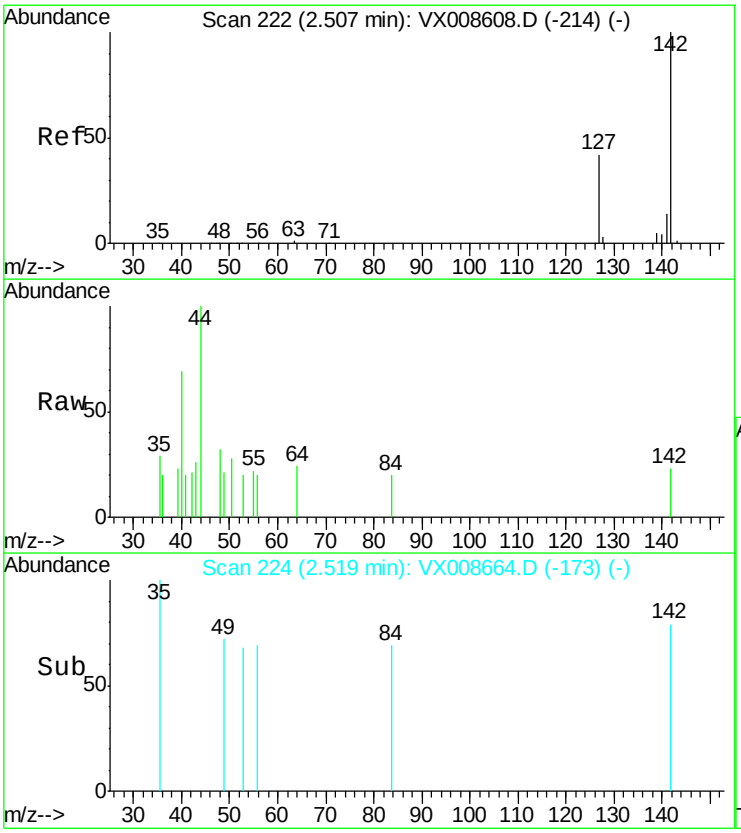

#6
Chloroethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. -0.05 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion: 64 Resp: 1880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 12.9 | 25.4 | 38.0# |

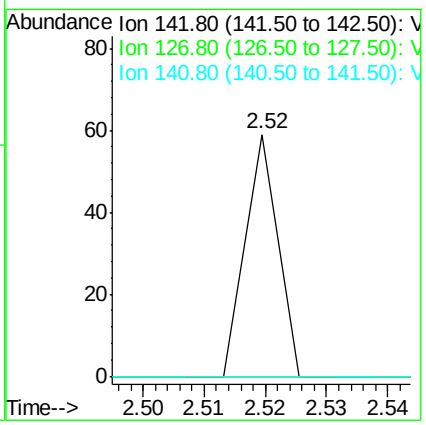


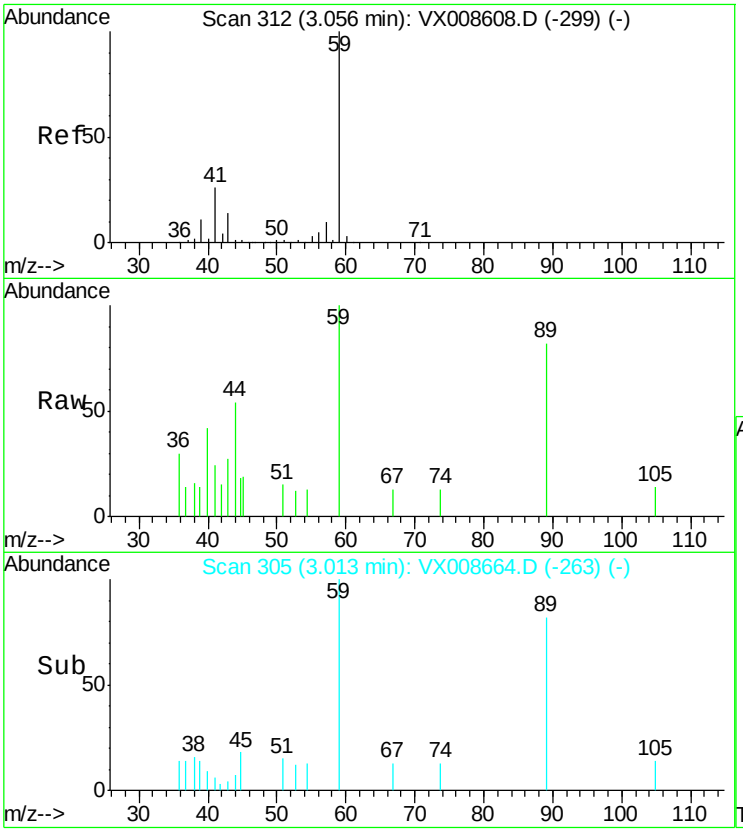




#10
Methyl Iodide
Concen: 4.012 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion:142 Resp: 22

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



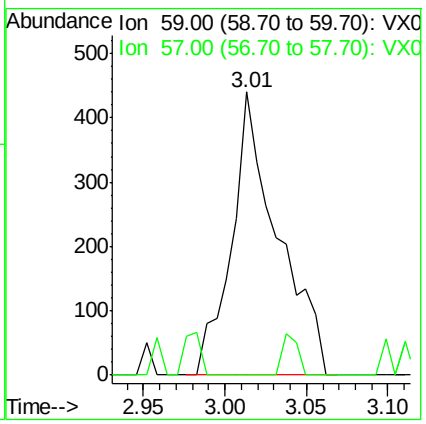


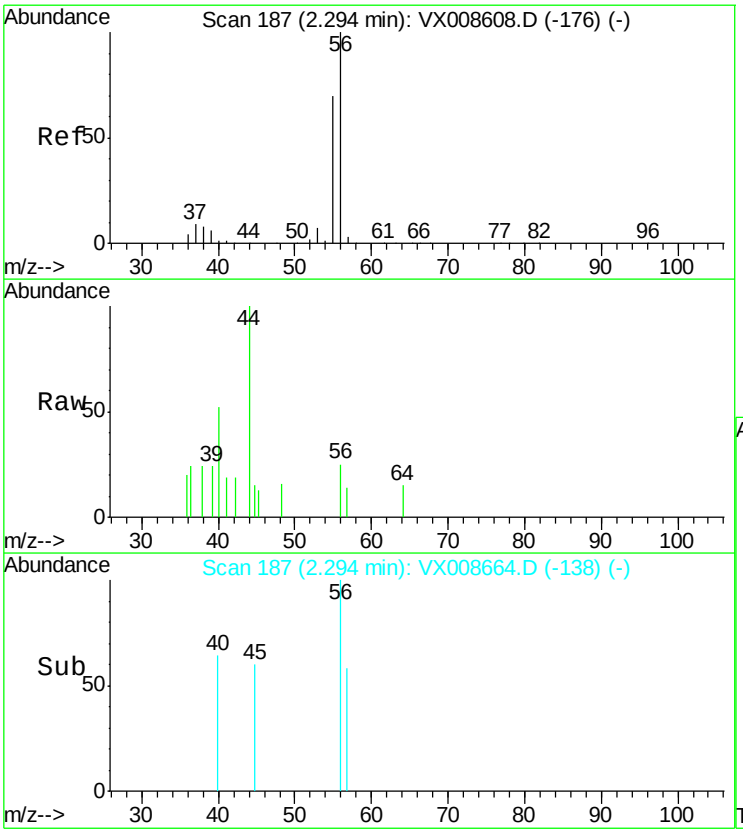

#11
Tert butyl alcohol
Concen: 1.176 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion: 59 Resp: 865

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

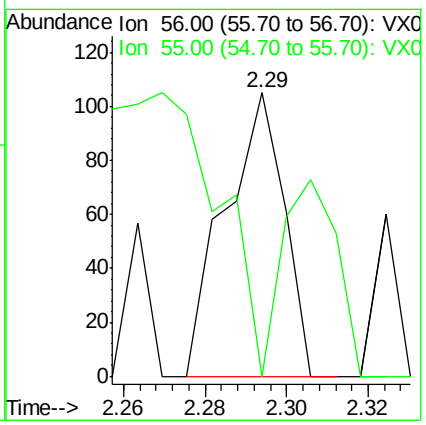


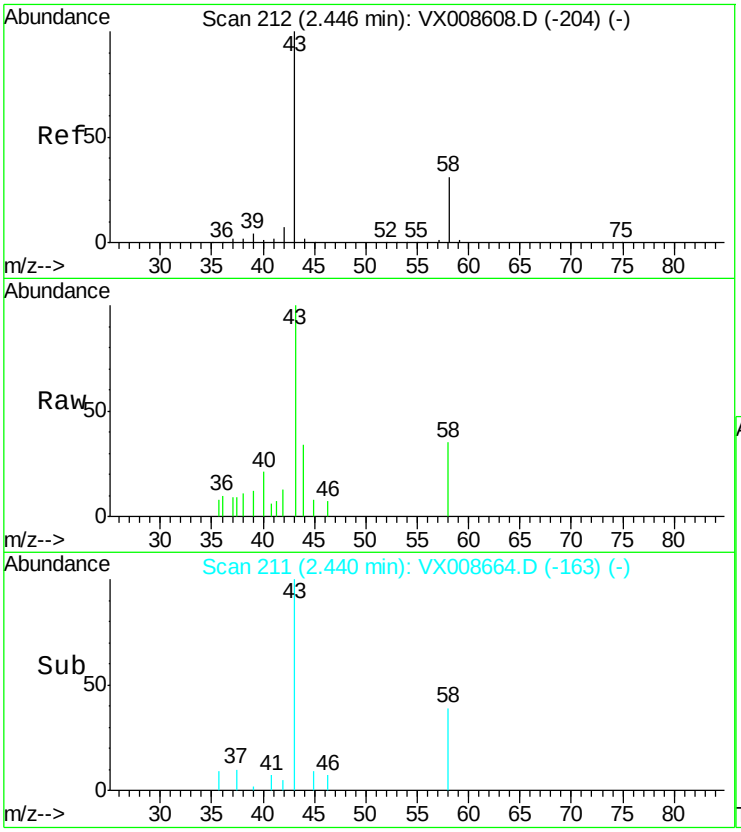




#13
Acrolein
Concen: 0.291 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion: 56 Resp: 106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 64.2 | 58.0 | 87.0 |



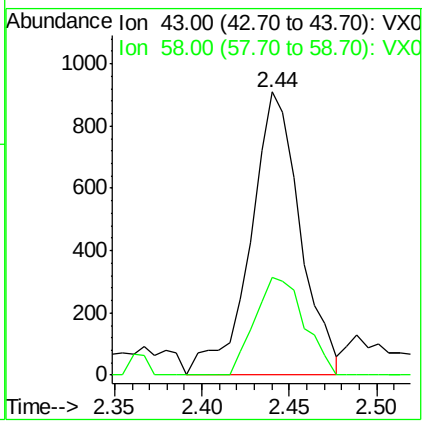


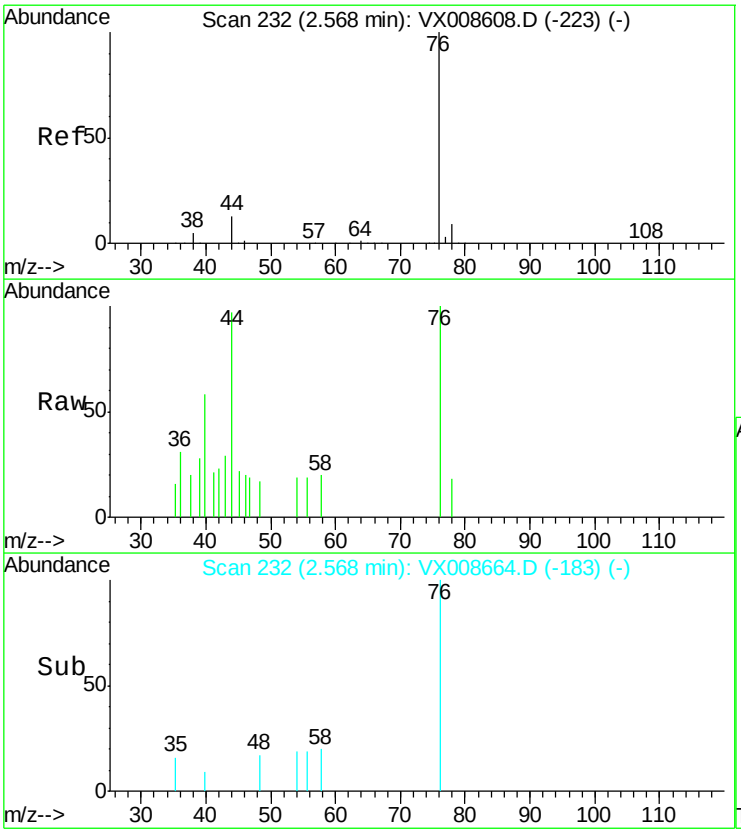

#16
Acetone
Concen: 0.994 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion: 43 Resp: 1799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.5 | 24.8 | 37.2 |

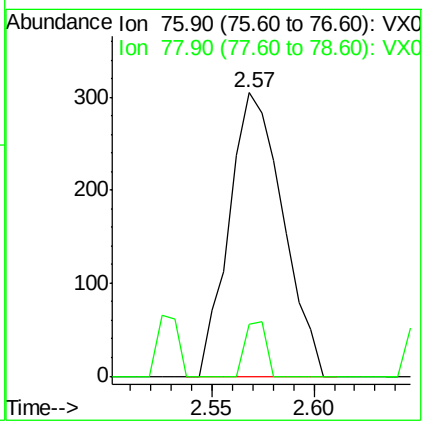


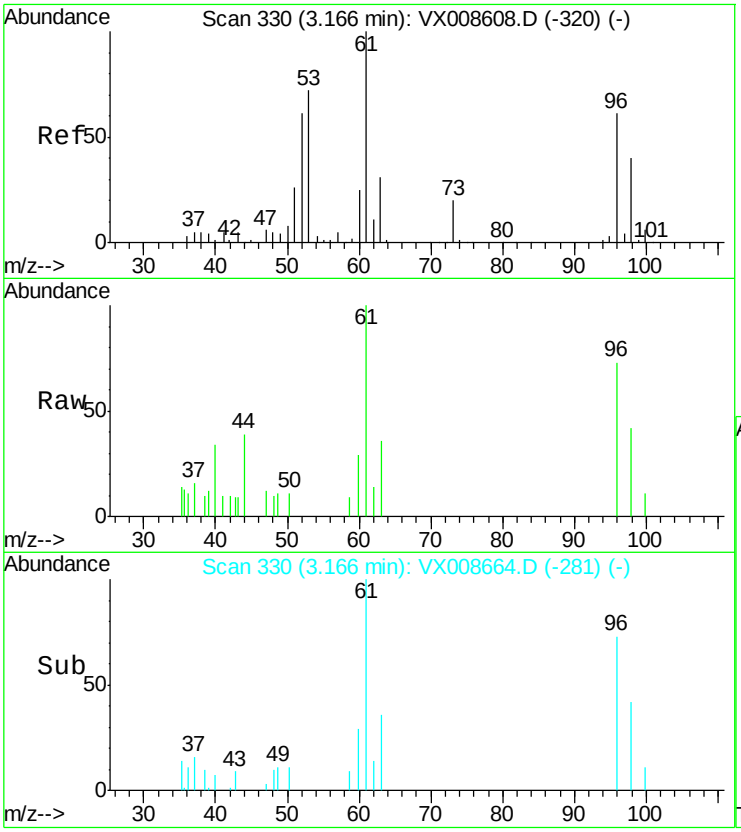




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion: 76 Resp: 558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 18.4 | 7.1 | 10.7# |



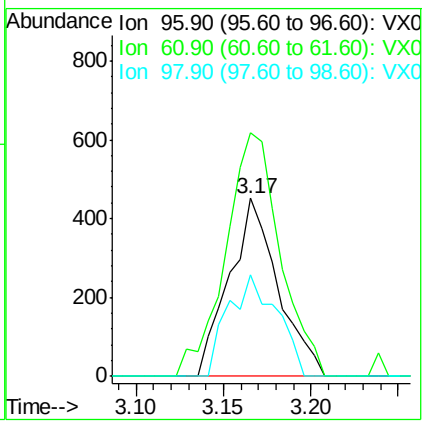


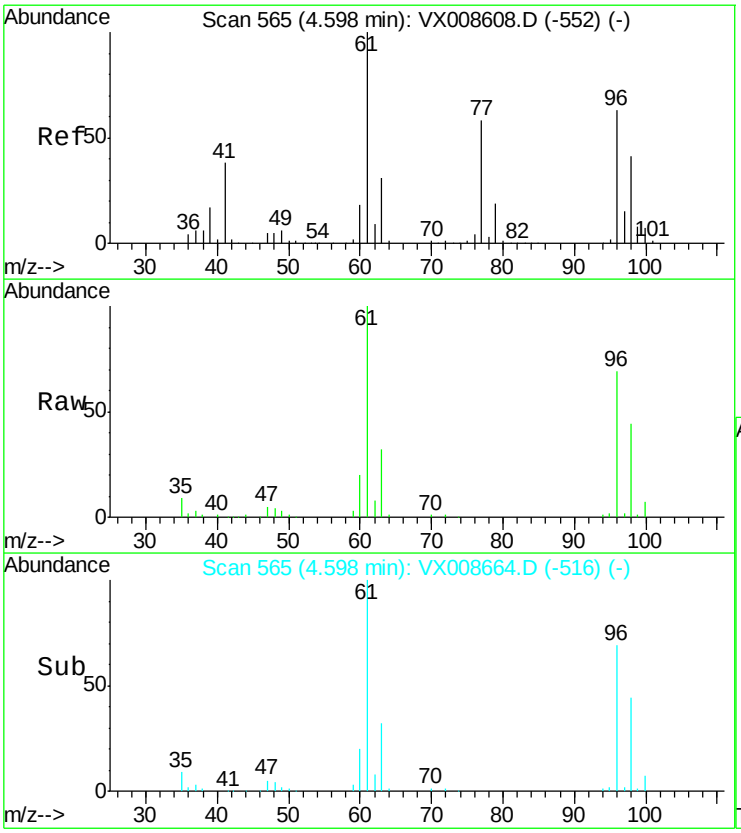

#21
trans-1,2-Dichloroethene
Concen: 0.325 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion: 96 Resp: 875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 137.0 | 132.1 | 198.1 |
| 98 | 57.2 | 52.2 | 78.2 |

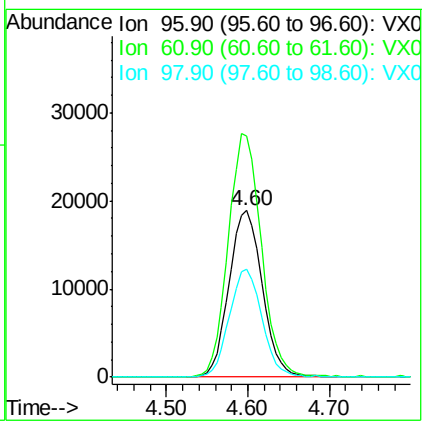


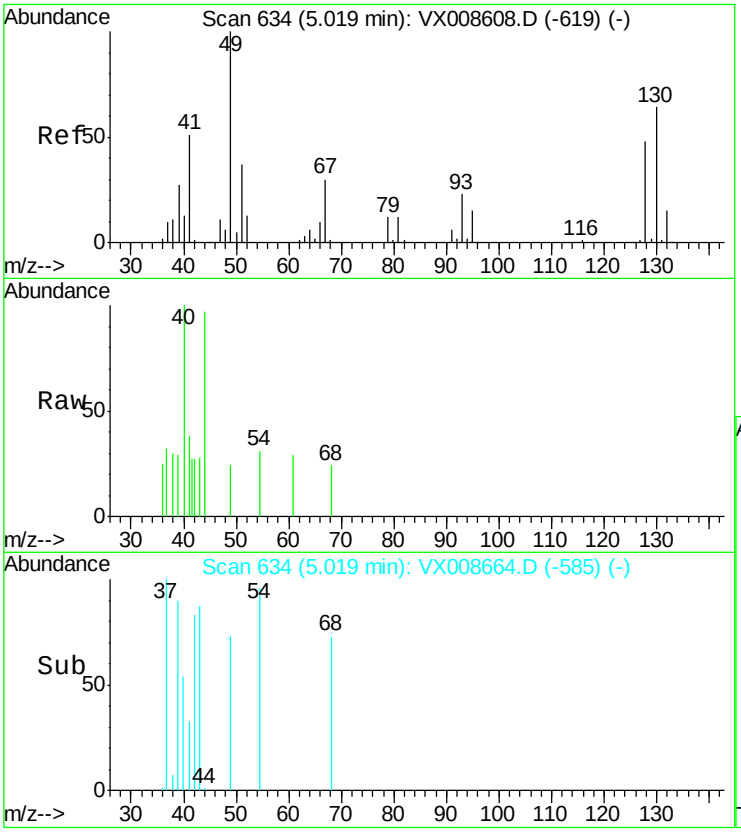




#27
cis-1,2-Dichloroethene
Concen: 17.277 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion: 96 Resp: 53495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 145.3 | 0.0 | 327.6 |
| 98 | 63.3 | 0.0 | 128.6 |



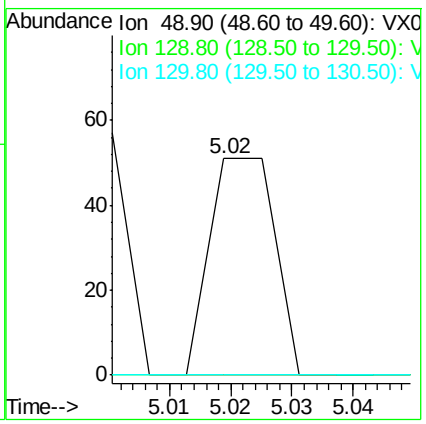


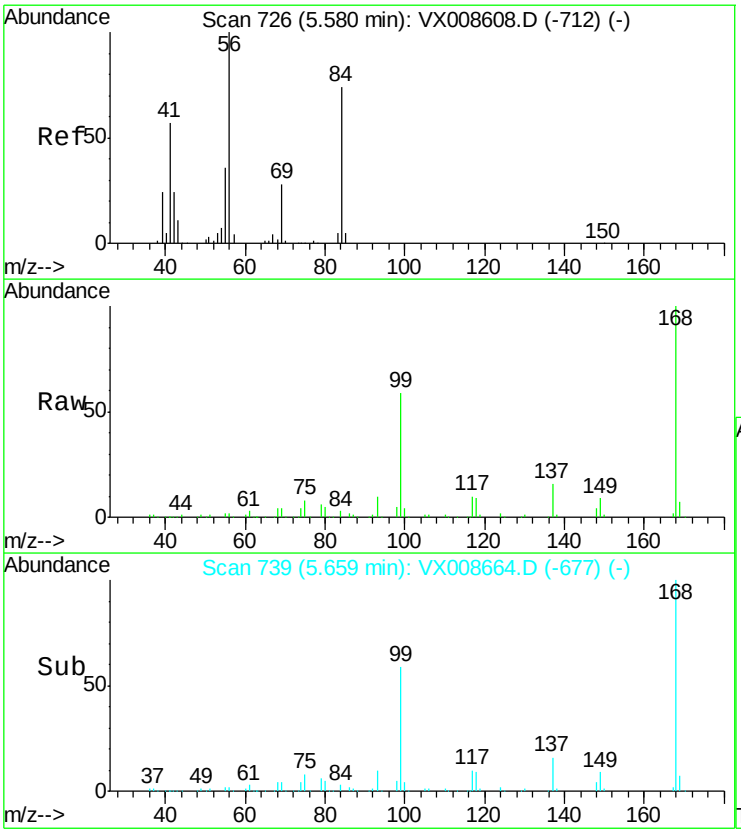

#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion: 49 Resp: 37

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

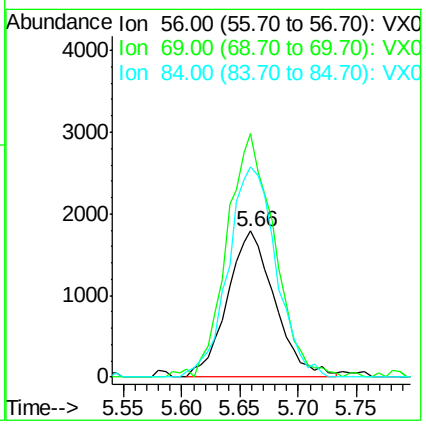


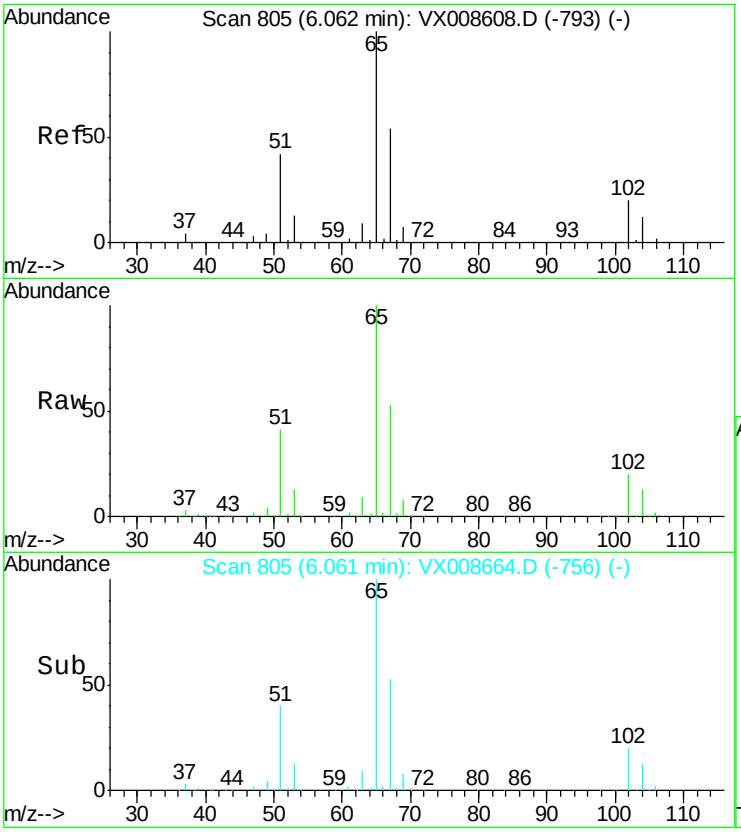




#31
Cyclohexane
Concen: 0.936 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion: 56 Resp: 5078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 163.8 | 22.6 | 33.8# |
| 84 | 144.1 | 59.3 | 88.9# |



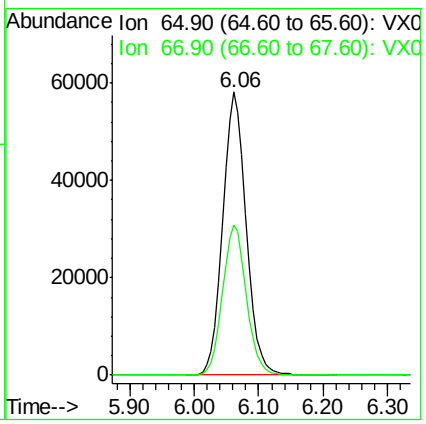


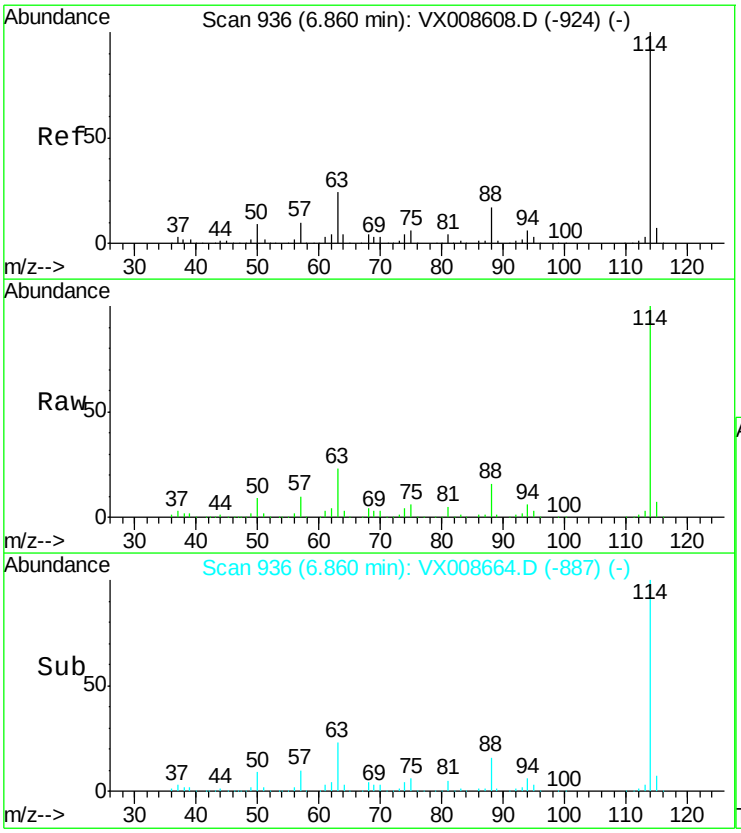

#33
1,2-Dichloroethane-d4
Concen: 47.644 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion: 65 Resp: 149661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.9 | 0.0 | 107.2 |

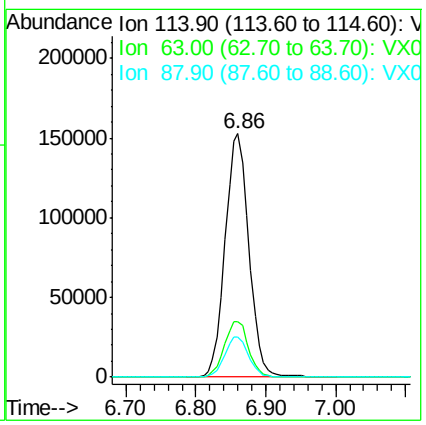


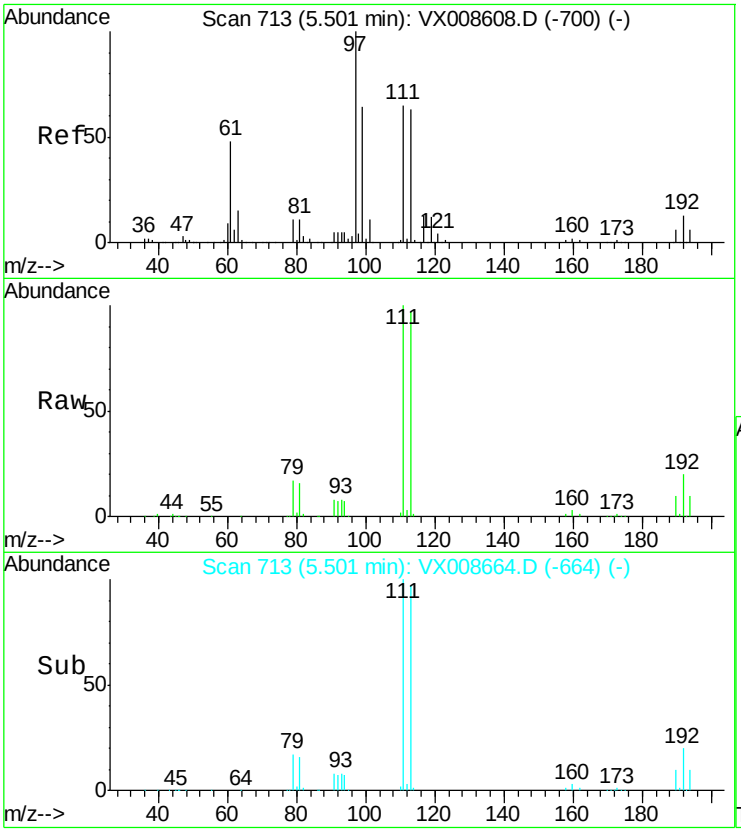




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion:114 Resp: 360609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.0 | 0.0 | 47.2 |
| 88 | 16.5 | 0.0 | 34.0 |



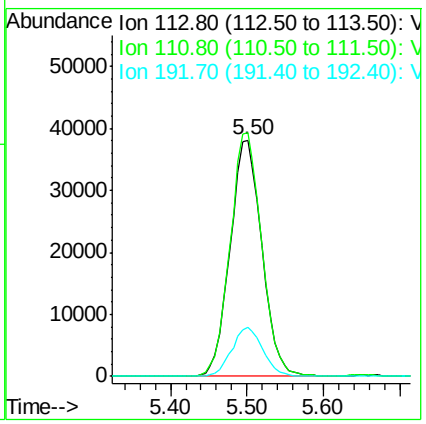


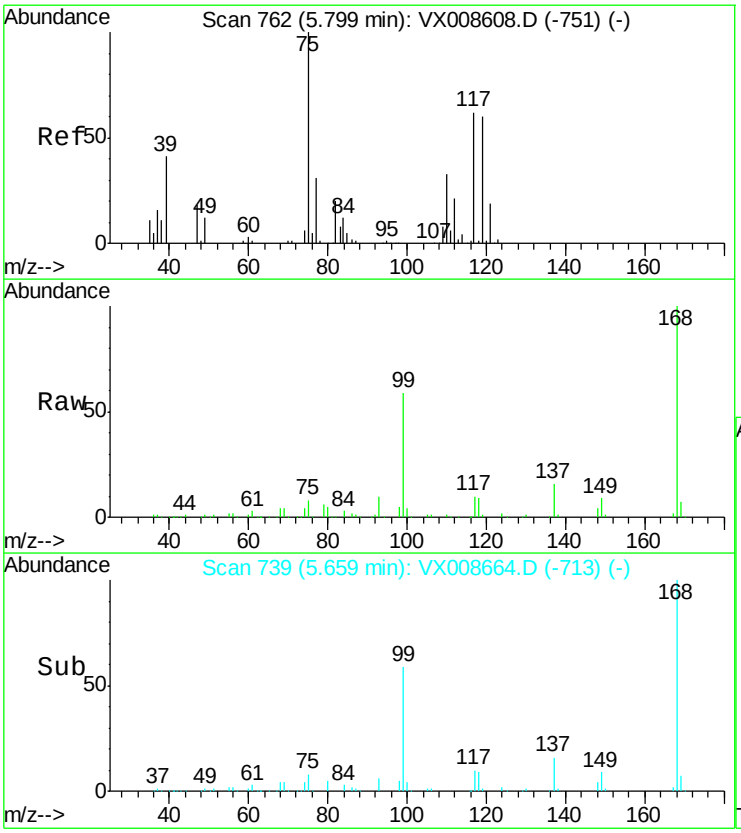

#35
Dibromofluoromethane
Concen: 47.508 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion:113 Resp: 109534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.8 | 83.4 | 125.2 |
| 192 | 20.5 | 16.1 | 24.1 |

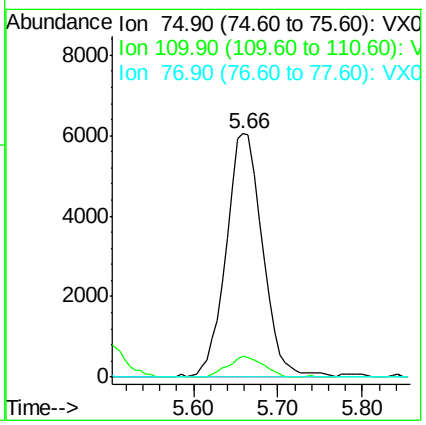


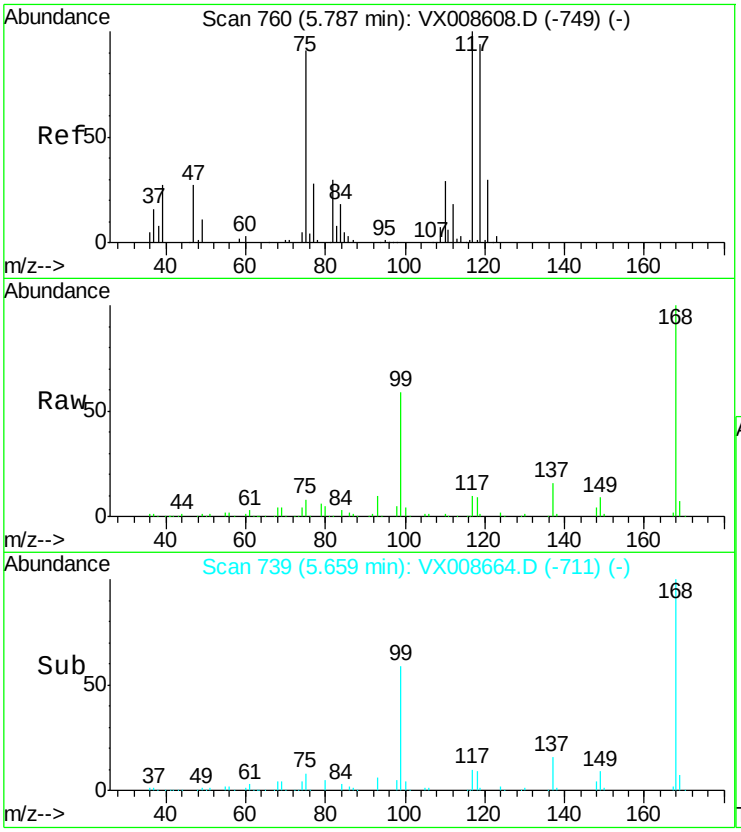




#36
1,1-Dichloropropene
Concen: 4.513 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion: 75 Resp: 17791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.1 | 16.4 | 49.2# |
| 77 | 0.0 | 24.7 | 37.1# |



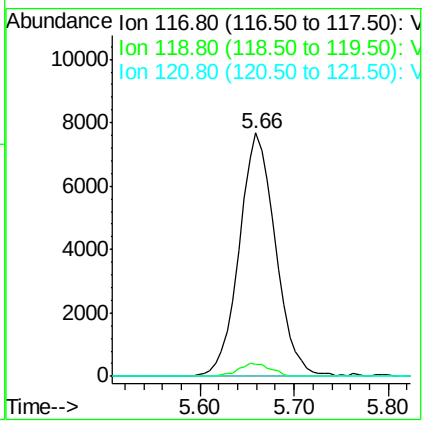


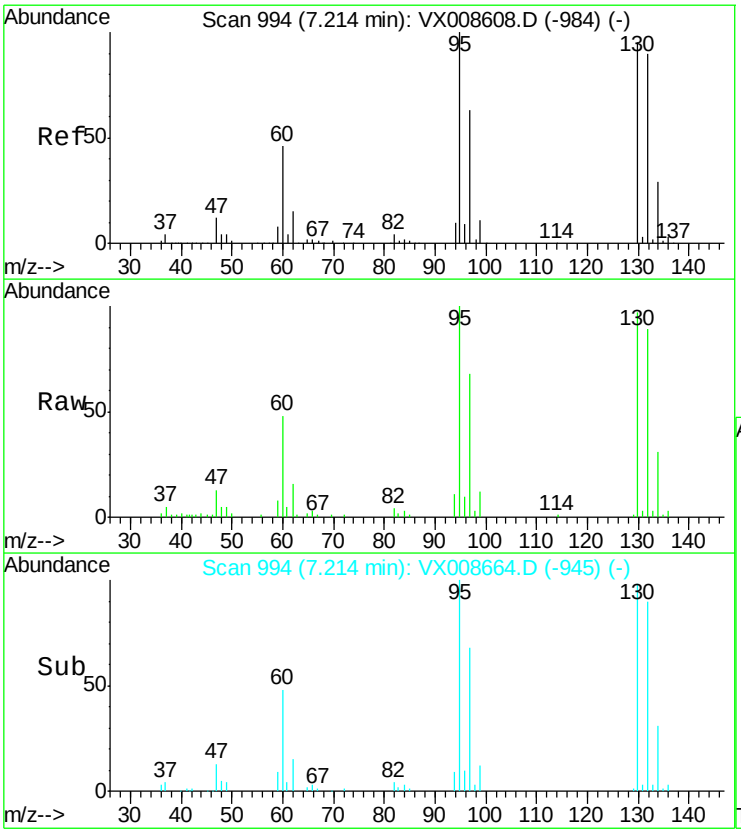

#38
Carbon Tetrachloride
Concen: 6.367 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion:117 Resp: 20773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.0 | 75.0 | 112.6# |
| 121 | 0.0 | 24.3 | 36.5# |

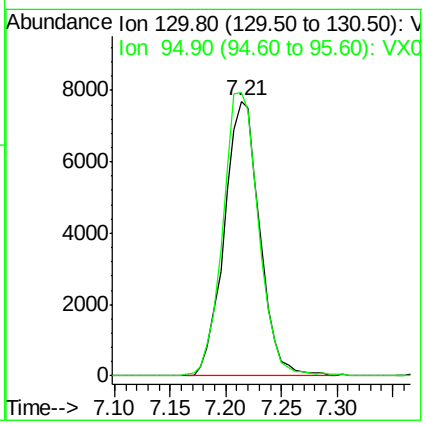


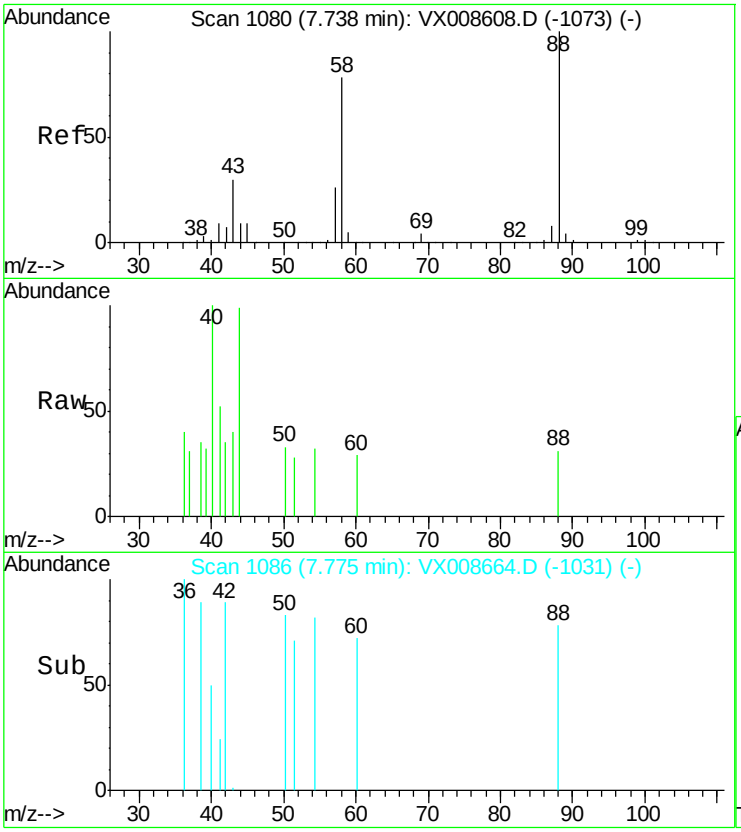




#44
Trichloroethene
Concen: 6.194 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion:130 Resp: 16942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 102.2 | 0.0 | 209.8 |



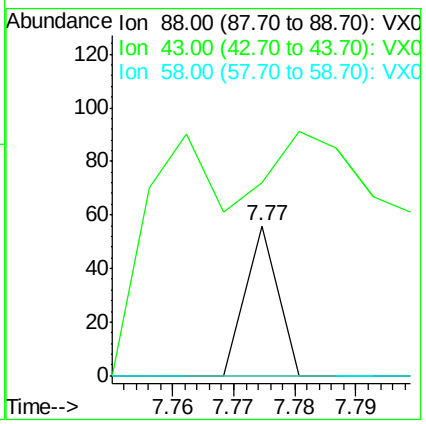


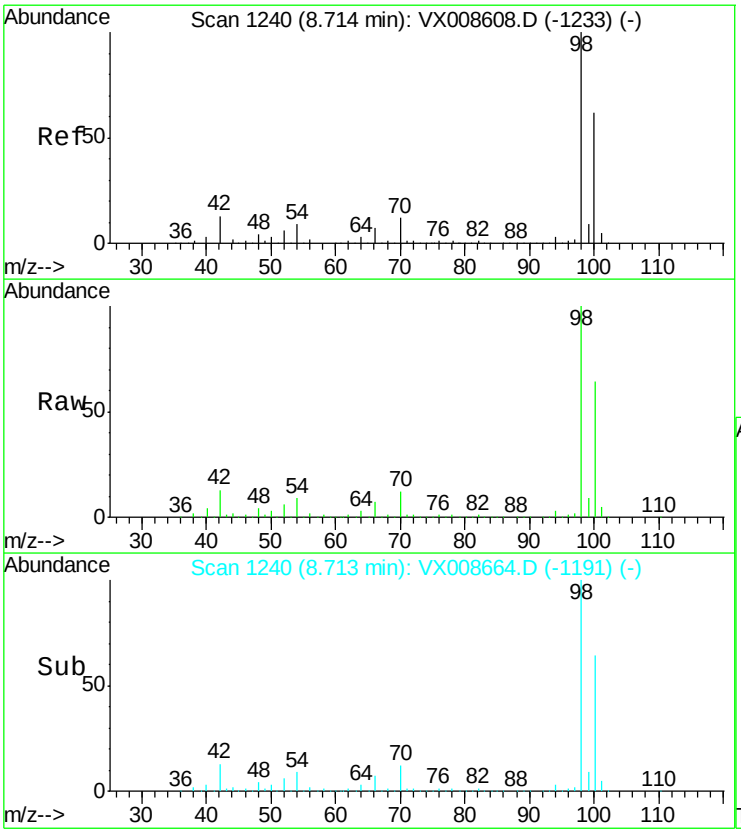

#49
1,4-Dioxane
Concen: 0.256 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.04 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion: 88 Resp: 20

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 125.0 | 28.6 | 43.0# |
| 58 | 0.0 | 62.2 | 93.2# |

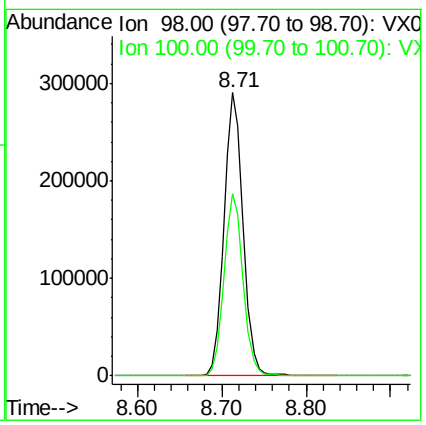


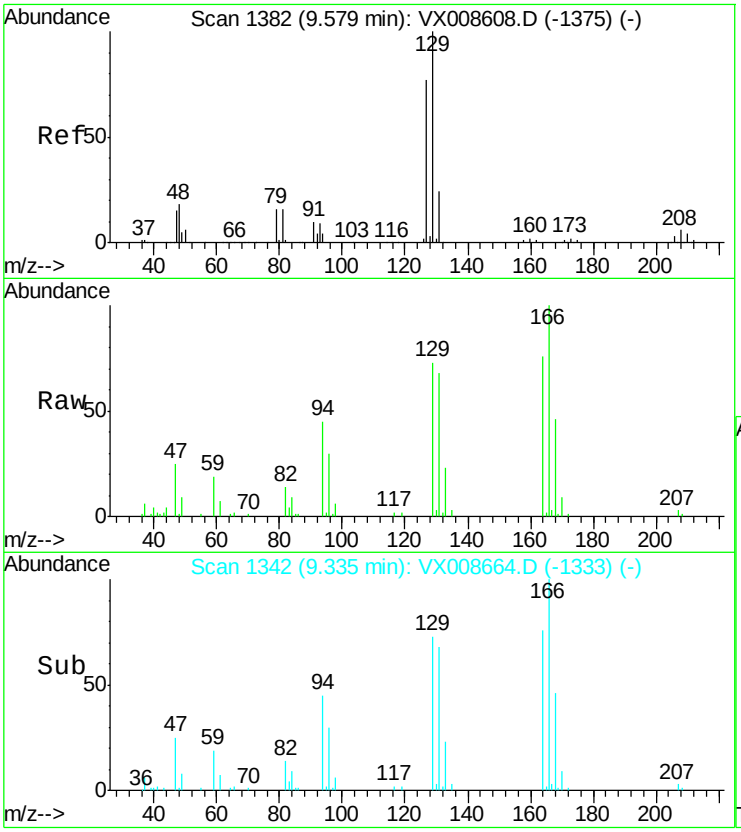




#50
Toluene-d8
Concen: 49.087 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion: 98 Resp: 450633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.5 | 51.4 | 77.0 |



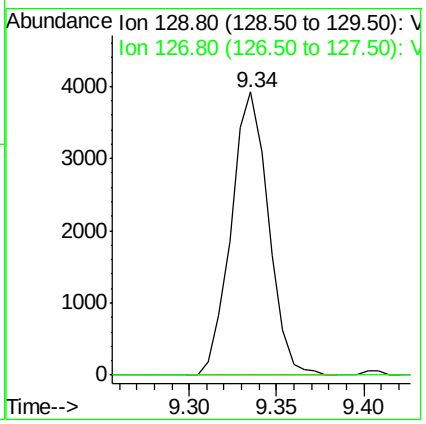


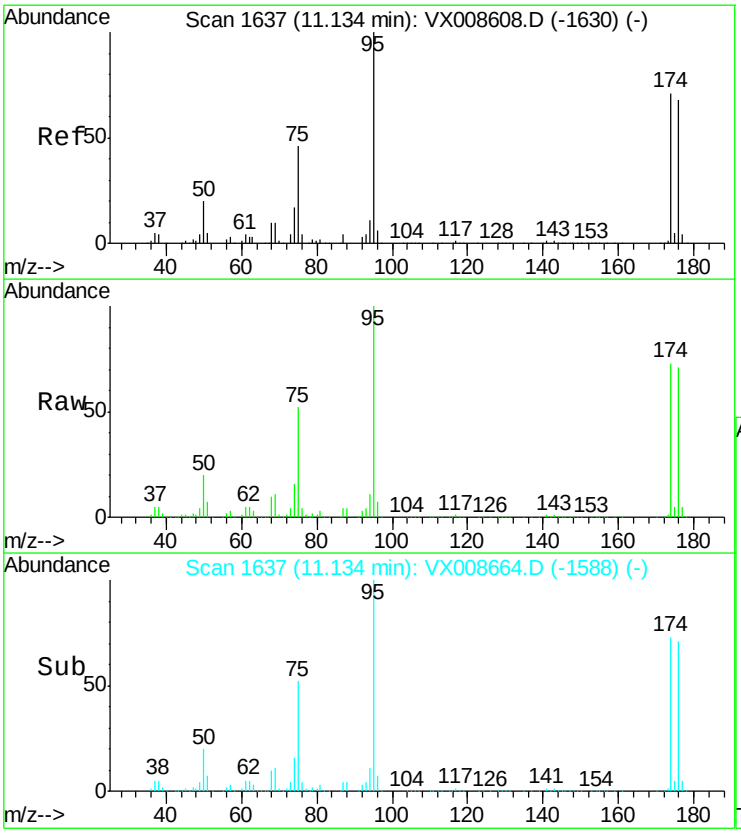

#60
Dibromochloromethane
Concen: 2.217 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion:129 Resp: 5807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 38.5 | 115.3# |

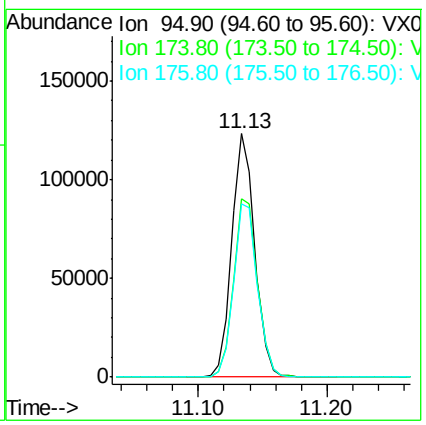


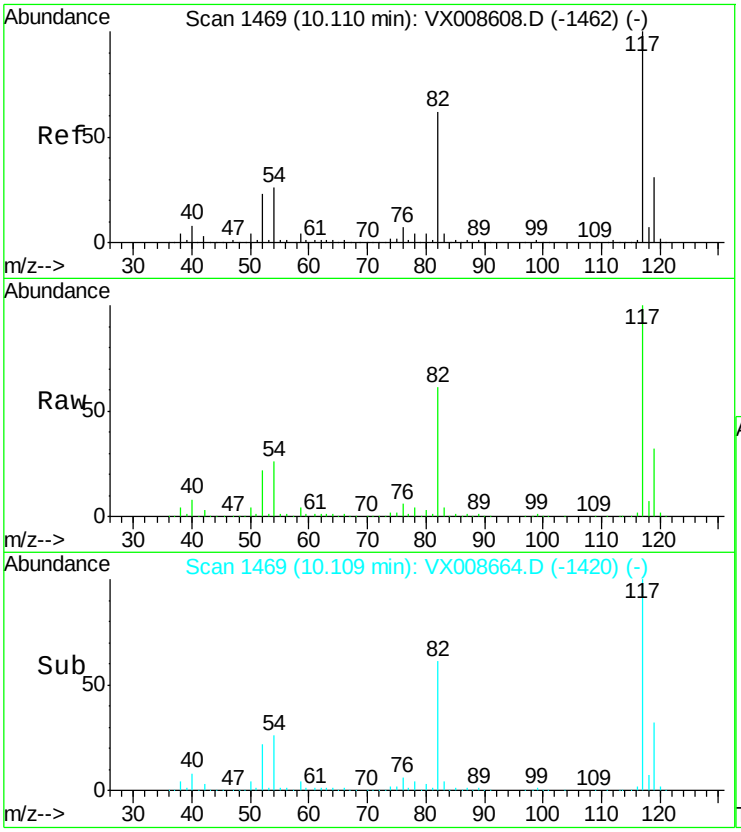




#62
4-Bromofluorobenzene
Concen: 47.337 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion: 95 Resp: 154104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.8 | 0.0 | 151.8 |
| 176 | 73.7 | 0.0 | 145.8 |



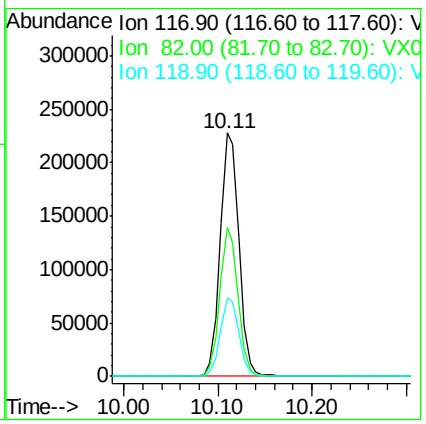


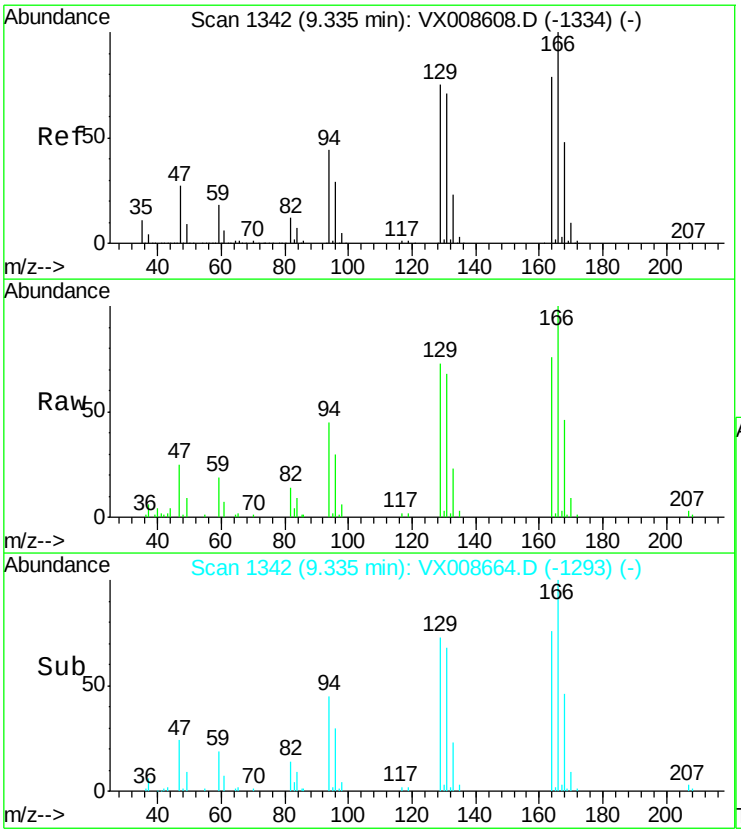

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :** MSVOA_X
**ClientSampleId :** SS037MW042-190403

Tgt Ion:117 Resp: 314523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.2 | 49.6 | 74.4 |
| 119 | 32.4 | 25.0 | 37.4 |

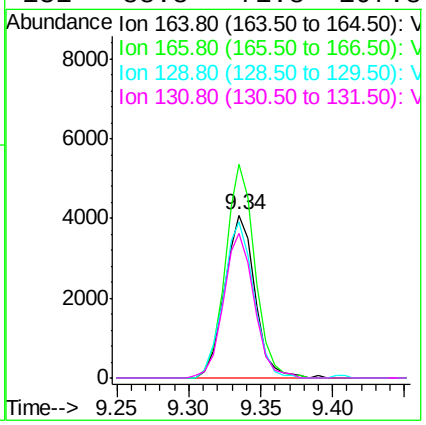


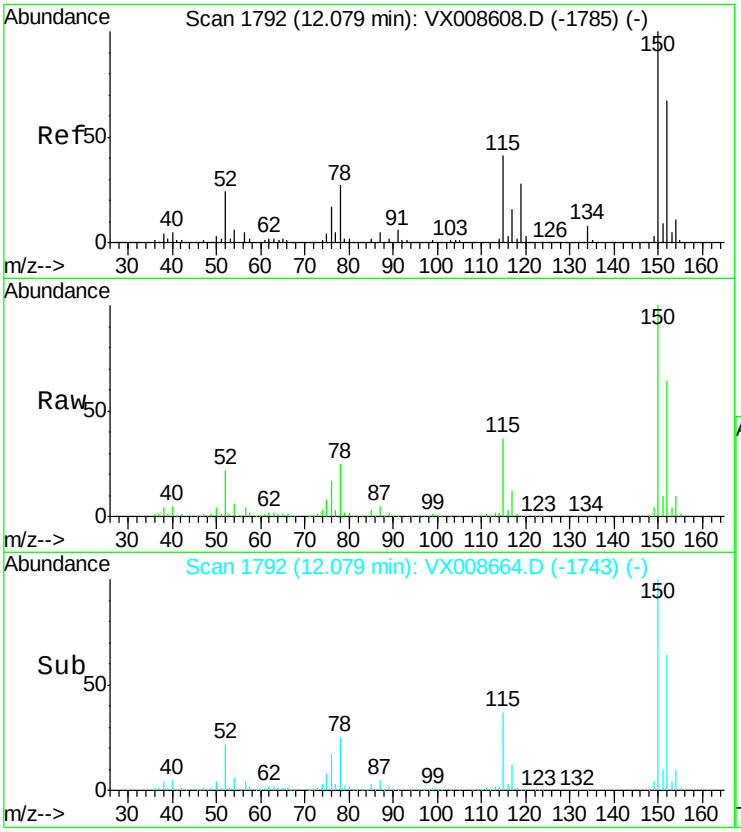




#64
Tetrachloroethene
Concen: 2.596 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion:164 Resp: 6050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 131.0 | 101.0 | 151.6 |
| 129 | 95.9 | 75.8 | 113.8 |
| 131 | 88.8 | 71.8 | 107.8 |



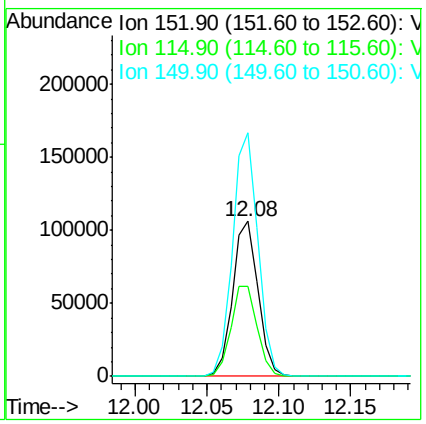


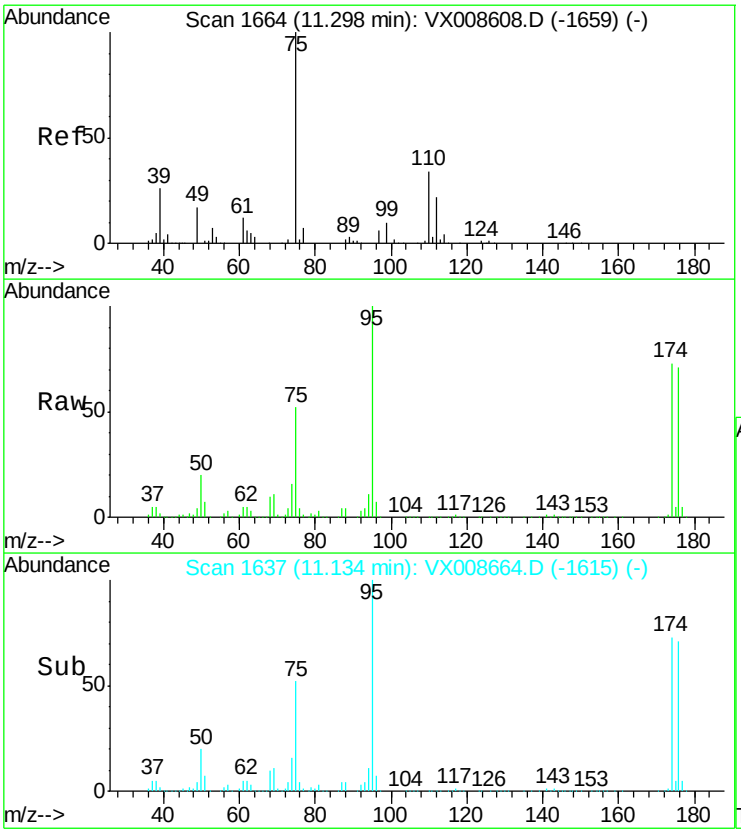

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion:152 Resp: 131429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.3 | 43.5 | 130.5 |
| 150 | 156.4 | 0.0 | 348.8 |

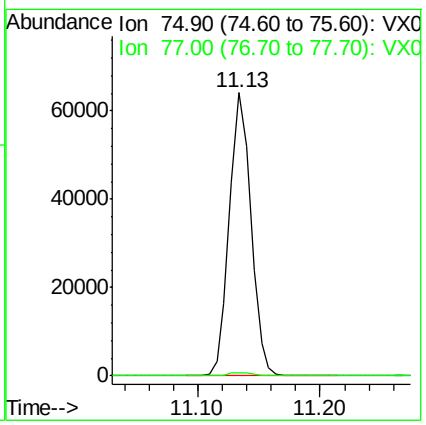


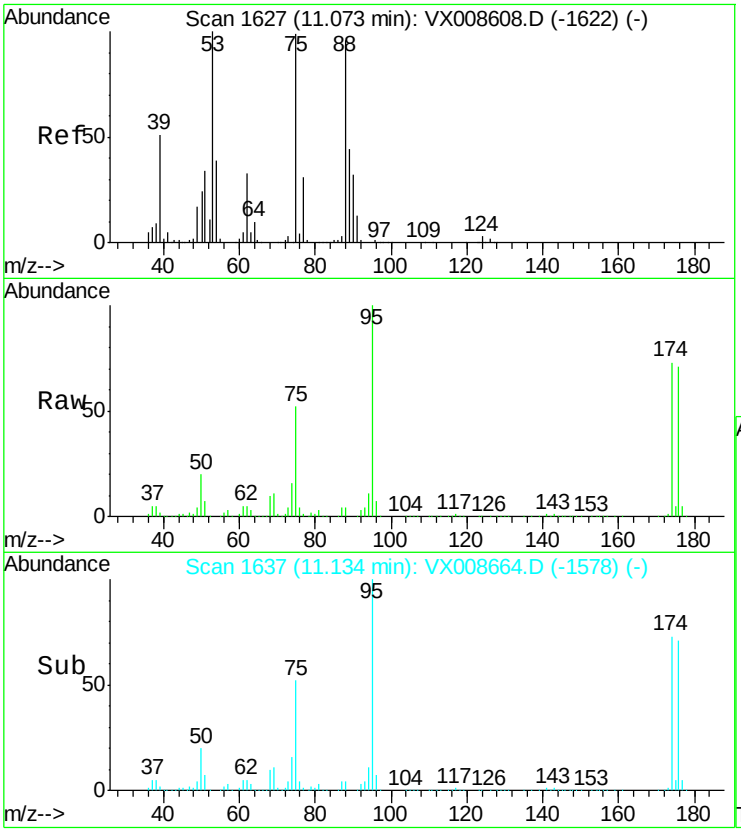




#76
1,2,3-Trichloropropane
Concen: 21.741 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion: 75 Resp: 78494

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






#81
trans-1,4-Dichloro-2-butene
Concen: 59.929 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037MW042-190403

Tgt Ion: 75 Resp: 78494

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