Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030119\
Data File : VX007781.D
Acq On : 01 Mar 2019 11:20
Operator : JC/SP
Sample : VX0301MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0301MBL01

Quant Time: Mar 01 22:27:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 330060 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 504750 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 488910 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 239836 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 188058 | 46.00 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.00% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 164045 | 48.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.24% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 625749 | 48.44 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.88% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 228410 | 48.18 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.36% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.67 | 94 | 546 | Below Cal | | 99 |
| 6) Chloroethane | 1.77 | 64 | 2437 | 1.103 | ug/l # | 61 |
| 11) Tert butyl alcohol | 3.03 | 59 | 372 | 0.480 | ug/l # | 73 |
| 13) Acrolein | 2.29 | 56 | 354 | 0.514 | ug/l | 91 |
| 15) Acrylonitrile | 3.15 | 53 | 690 | 0.378 | ug/l | 88 |
| 16) Acetone | 2.44 | 43 | 681 | 0.375 | ug/l | 93 |
| 17) Carbon Disulfide | 2.57 | 76 | 1842 | 0.229 | ug/l # | 95 |
| 18) Methyl Acetate | 2.78 | 43 | 794 | 0.200 | ug/l | 92 |
| 25) 2-Butanone | 4.71 | 43 | 871 | 0.315 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.16 | 42 | 418 | 0.229 | ug/l # | 84 |
| 31) Cyclohexane | 5.66 | 56 | 5784 | 1.018 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 21309 | 4.696 | ug/l # | 48 |
| 38) Carbon Tetrachloride | 5.67 | 117 | 28272 | 6.202 | ug/l # | 17 |
| 49) 1,4-Dioxane | 7.77 | 88 | 39 | 0.444 | ug/l # | 1 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 209 | 2.839 | ug/l # | 24 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 107808 | 21.088 | ug/l # | 32 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 107808 | 56.119 | ug/l # | 9 |

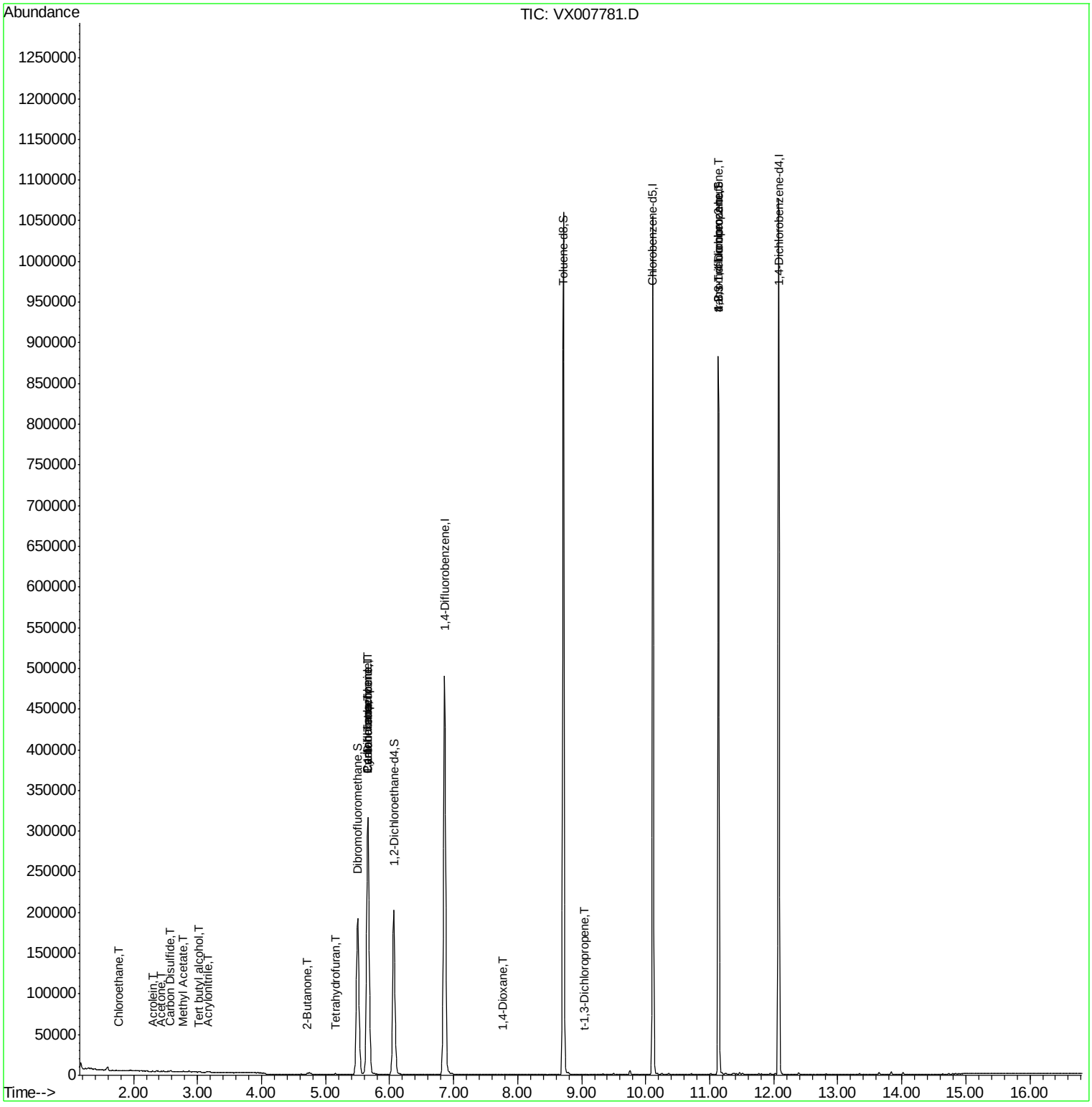
(#) = qualifier out of range (m) = manual integration (+) = signals summed

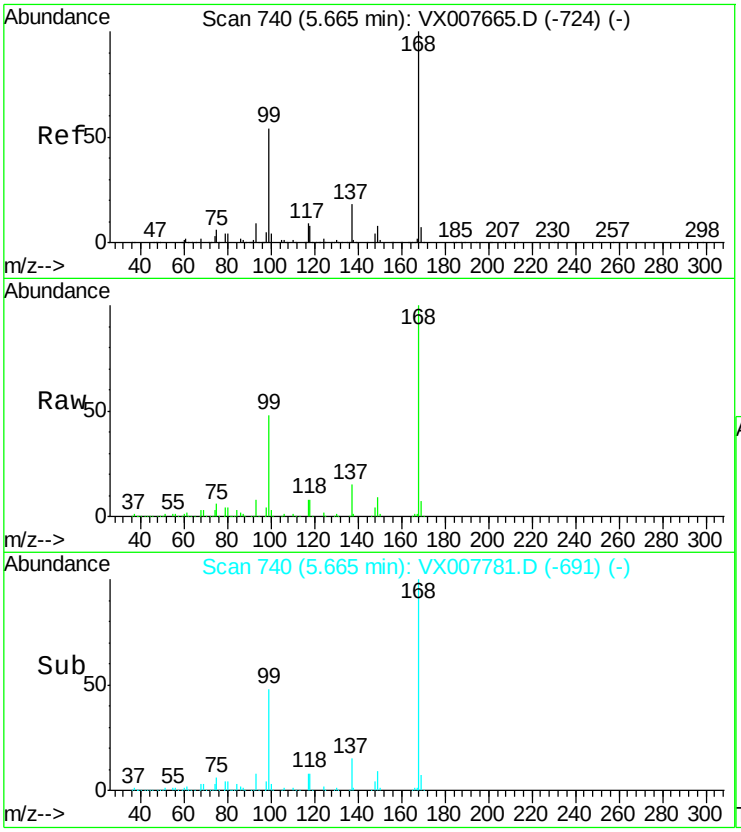
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030119\
Data File : VX007781.D
Acq On : 01 Mar 2019 11:20
Operator : JC/SP
Sample : VX0301MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0301MBL01

Quant Time: Mar 01 22:27:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration



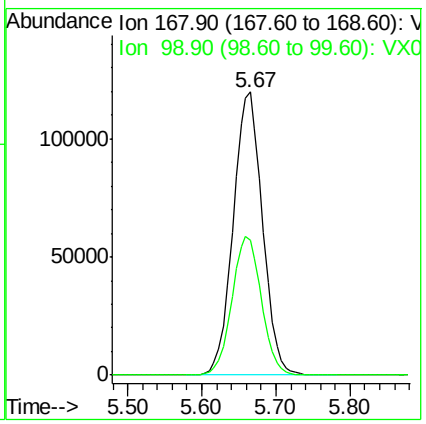


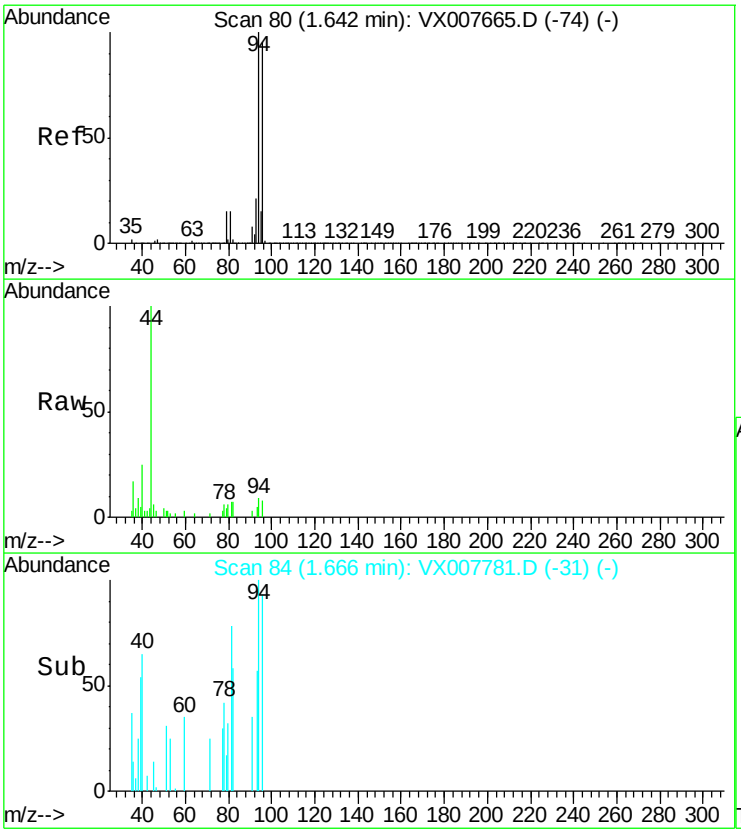

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :** MSVOA_X
**ClientSampleId :** VX0301MBL01

Tgt Ion:168 Resp: 330060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 47.5 | 37.9 | 56.9 |

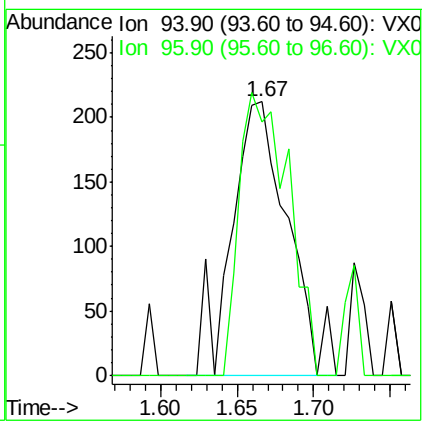


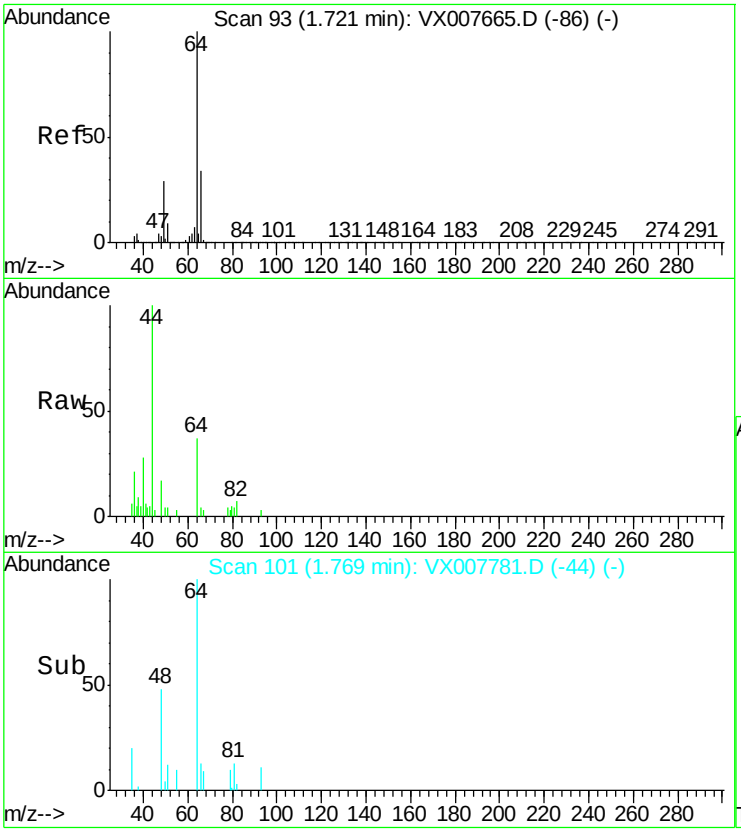




#5
Bromomethane
Concen: Below Cal
RT: 1.67 min Scan# 84
Delta R.T. 0.02 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion: 94 Resp: 546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.9 | 73.9 | 110.9 |



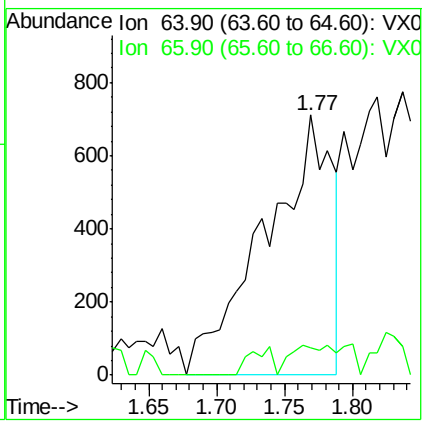


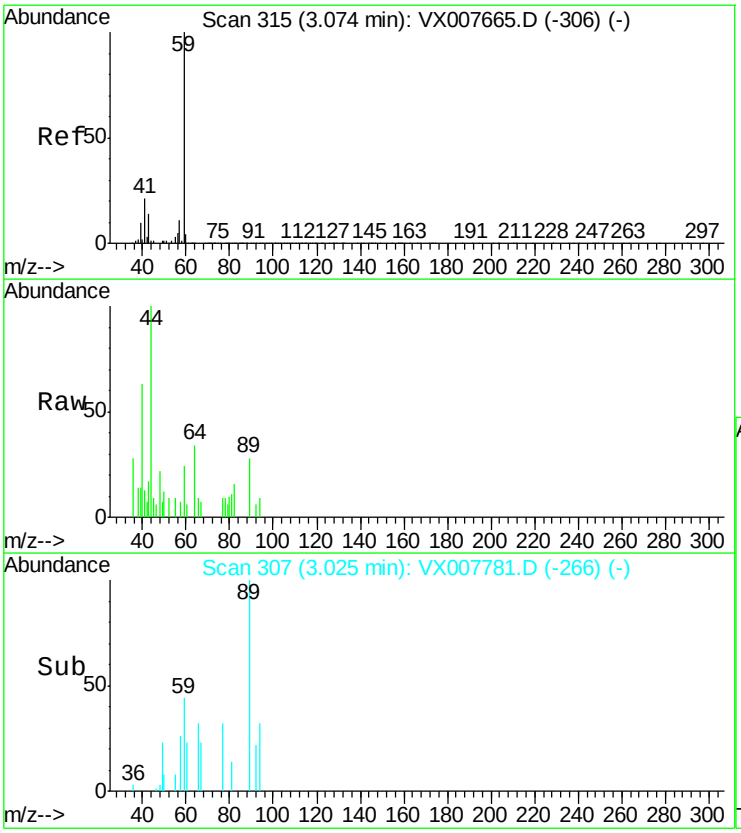

#6
Chloroethane
Concen: 1.103 ug/l
RT: 1.77 min Scan# 101
Delta R.T. 0.05 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0301MBL01

Tgt Ion: 64 Resp: 2437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 10.4 | 25.5 | 38.3# |

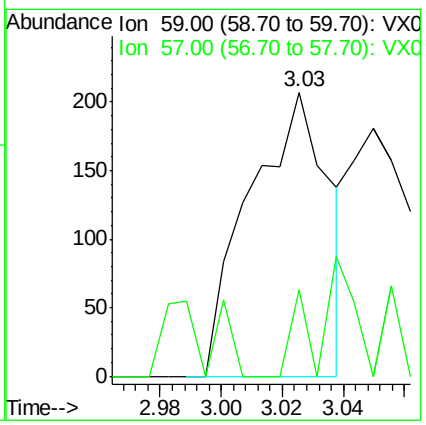


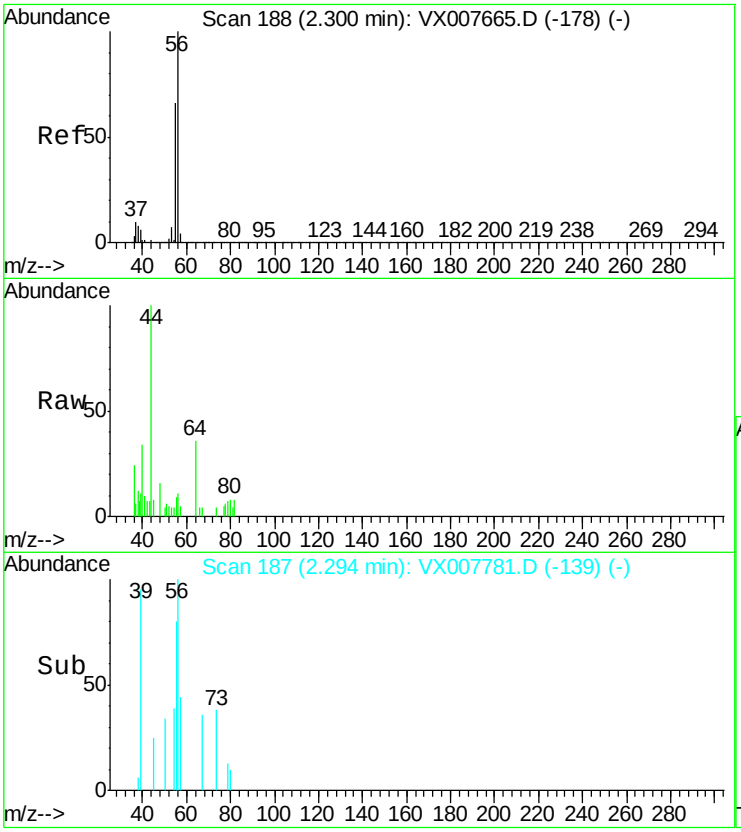




#11
Tert butyl alcohol
Concen: 0.480 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion: 59 Resp: 372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 20.2 | 8.1 | 12.1# |



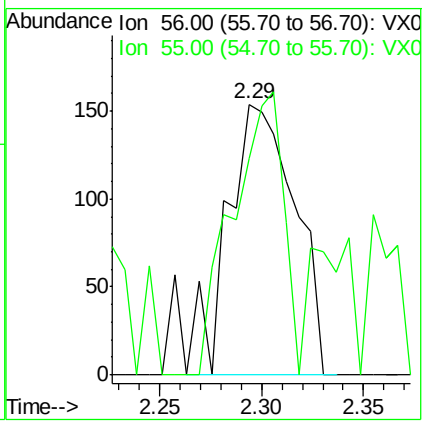


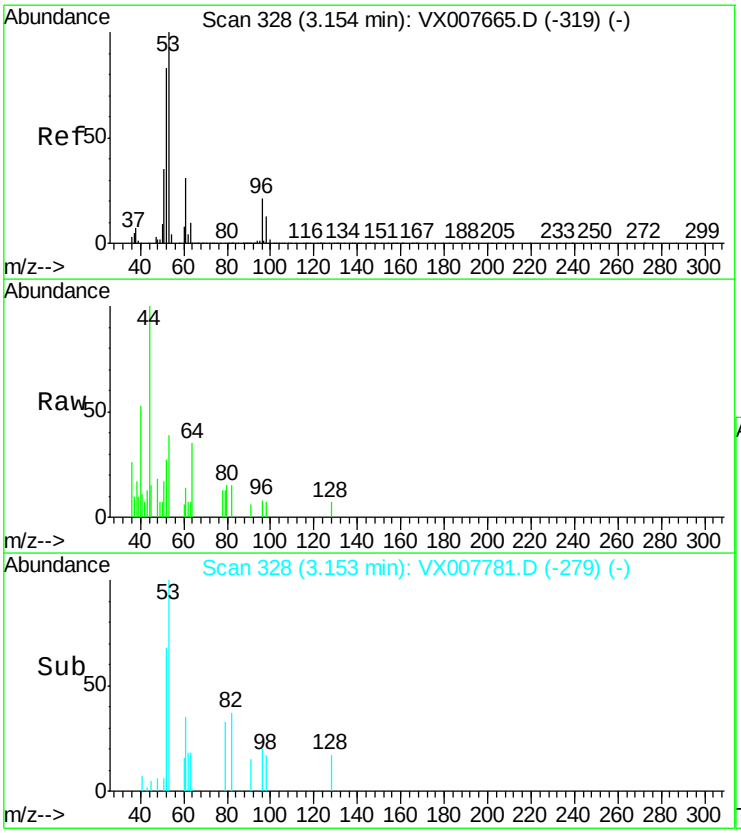

#13
Acrolein
Concen: 0.514 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0301MBL01

Tgt Ion: 56 Resp: 354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 78.8 | 56.9 | 85.3 |

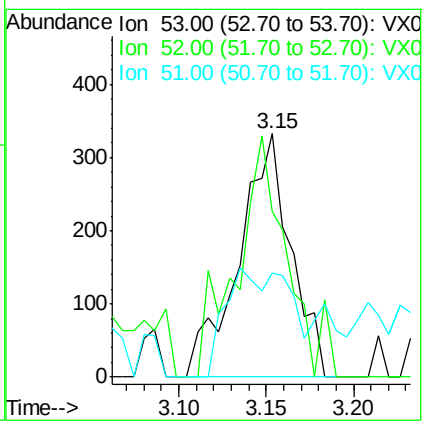


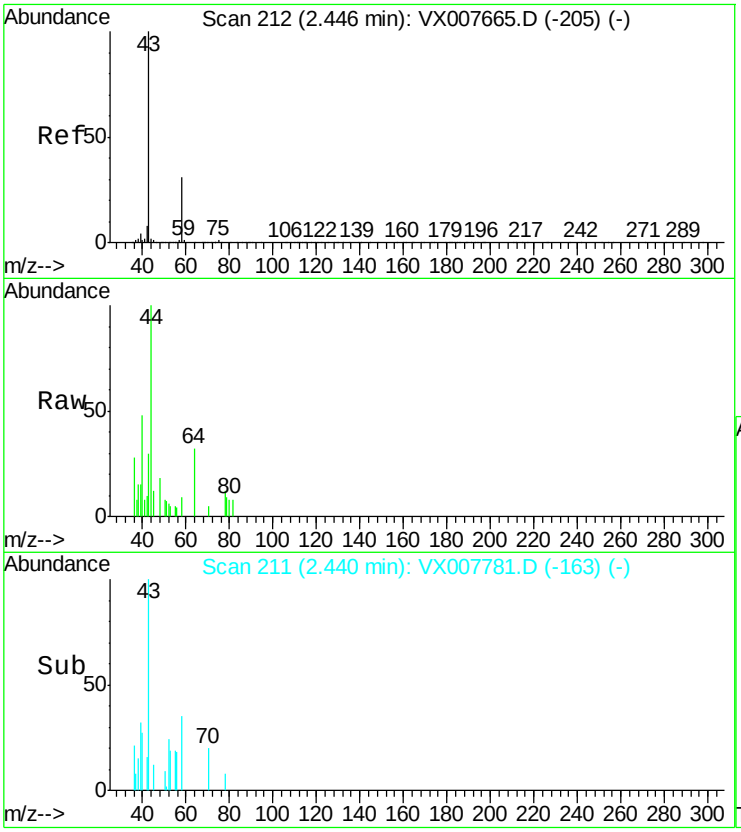




#15
Acrylonitrile
Concen: 0.378 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion: 53 Resp: 690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 95.7 | 66.4 | 99.6 |
| 51 | 31.4 | 28.4 | 42.6 |



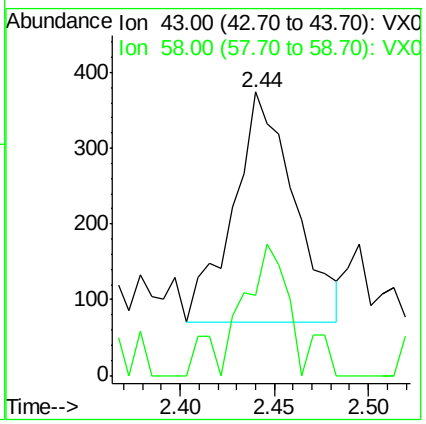


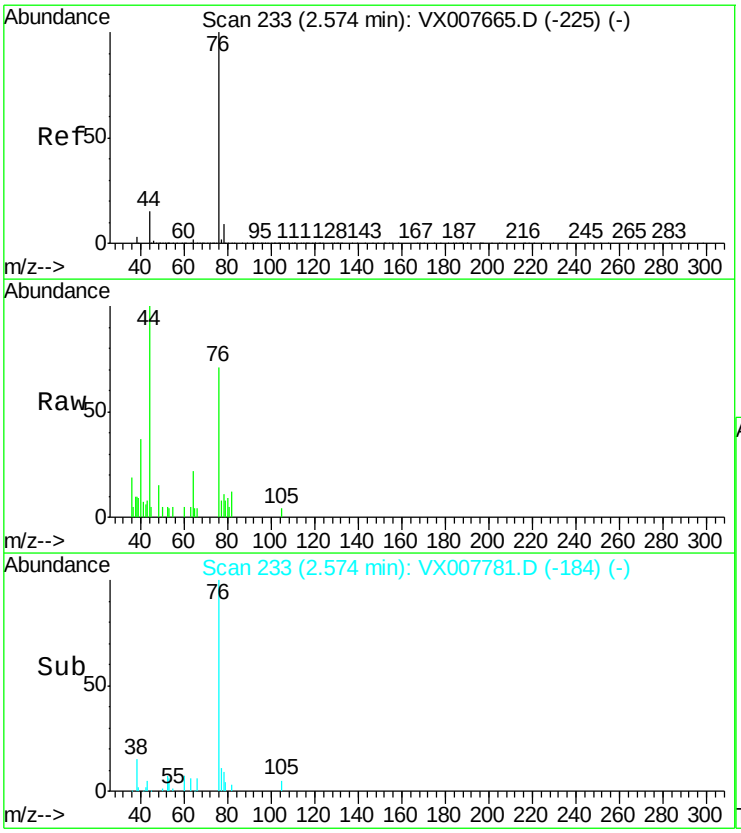

#16
Acetone
Concen: 0.375 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :** MSVOA_X
**ClientSampleId :** VX0301MBL01

Tgt Ion: 43 Resp: 681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.0 | 24.9 | 37.3 |

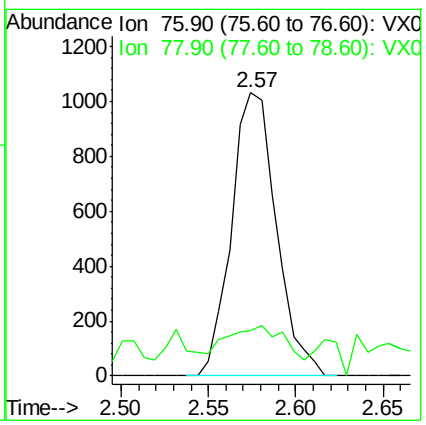


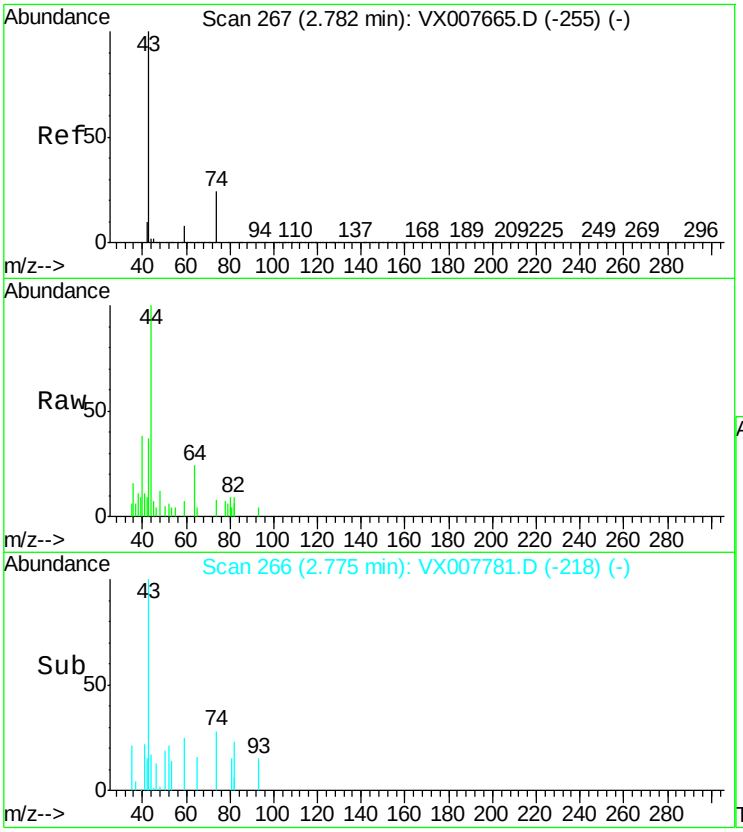




#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion: 76 Resp: 1842

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



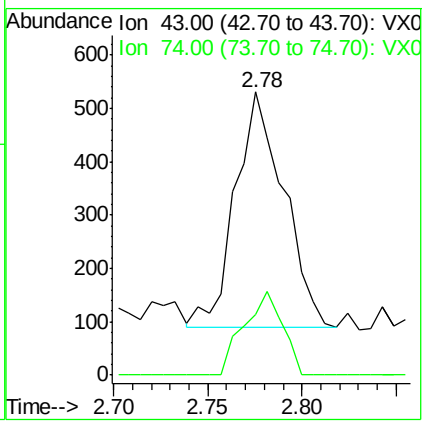


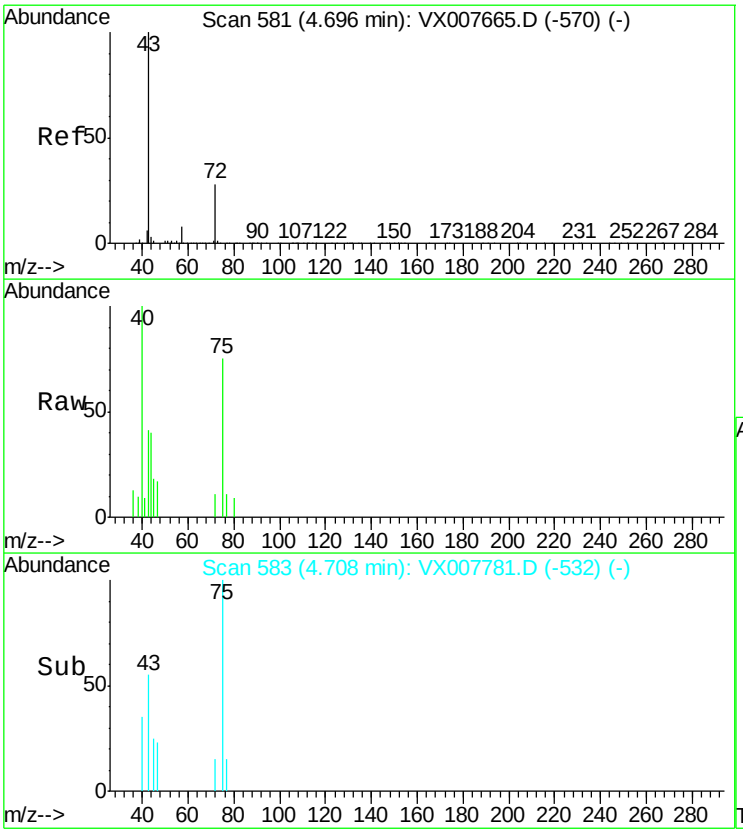

#18
Methyl Acetate
Concen: 0.200 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :** MSVOA_X
**ClientSampleId :** VX0301MBL01

Tgt Ion: 43 Resp: 794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 28.1 | 19.4 | 29.2 |

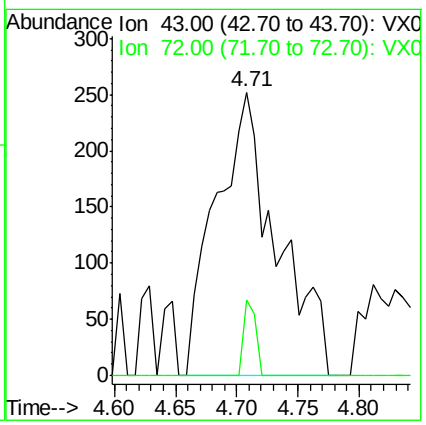


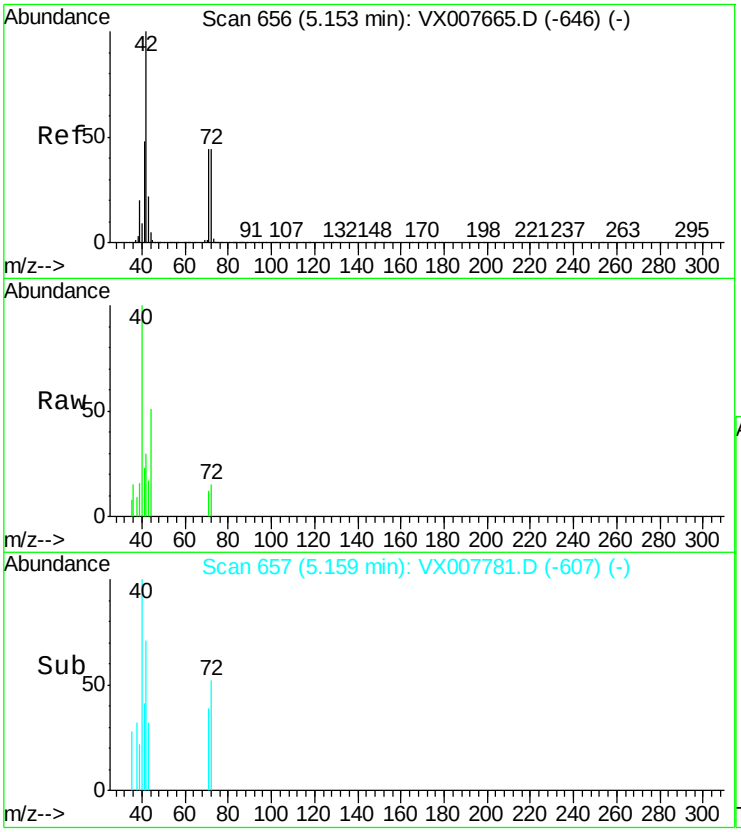




#25
2-Butanone
Concen: 0.315 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion: 43 Resp: 871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.6 | 22.2 | 33.2 |



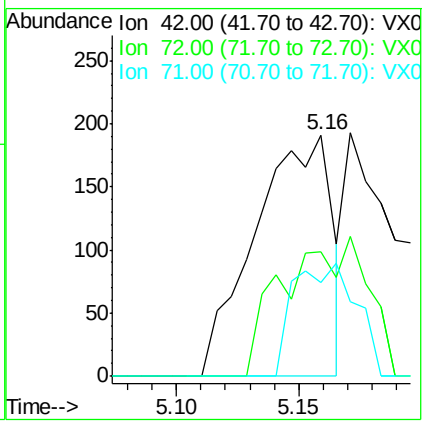


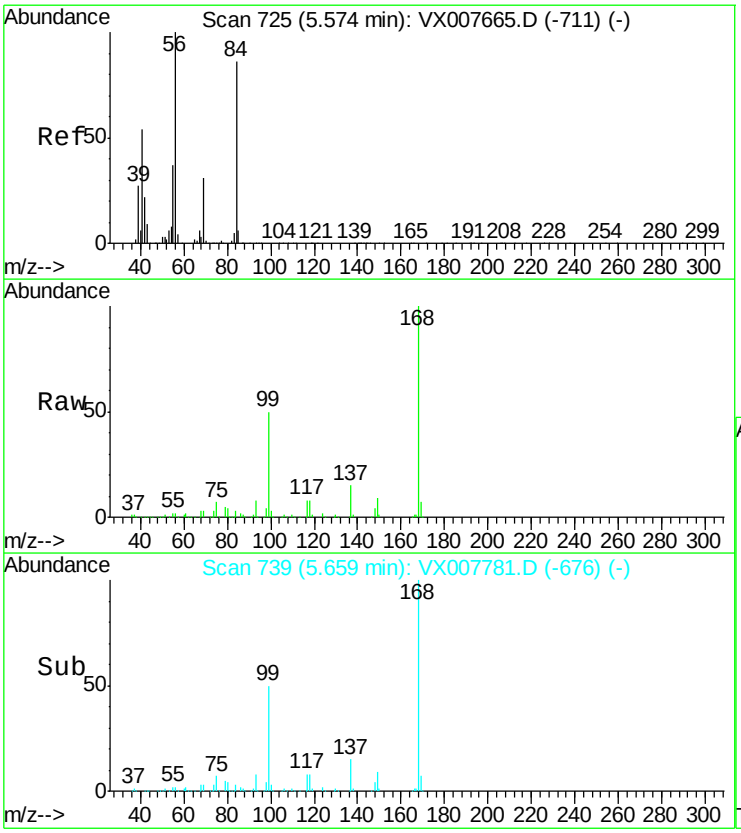

#29
Tetrahydrofuran
Concen: 0.229 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :** MSVOA_X
**ClientSampleId :** VX0301MBL01

Tgt Ion: 42 Resp: 418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 62.9 | 37.6 | 56.4# |
| 71 | 38.0 | 34.6 | 51.8 |

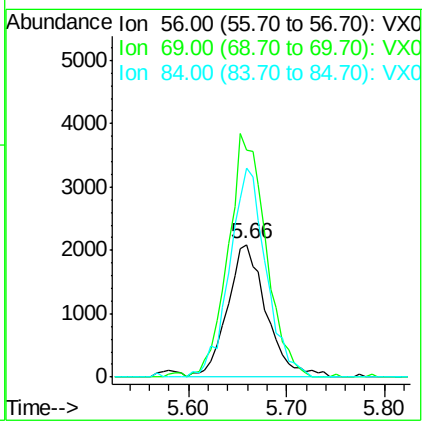


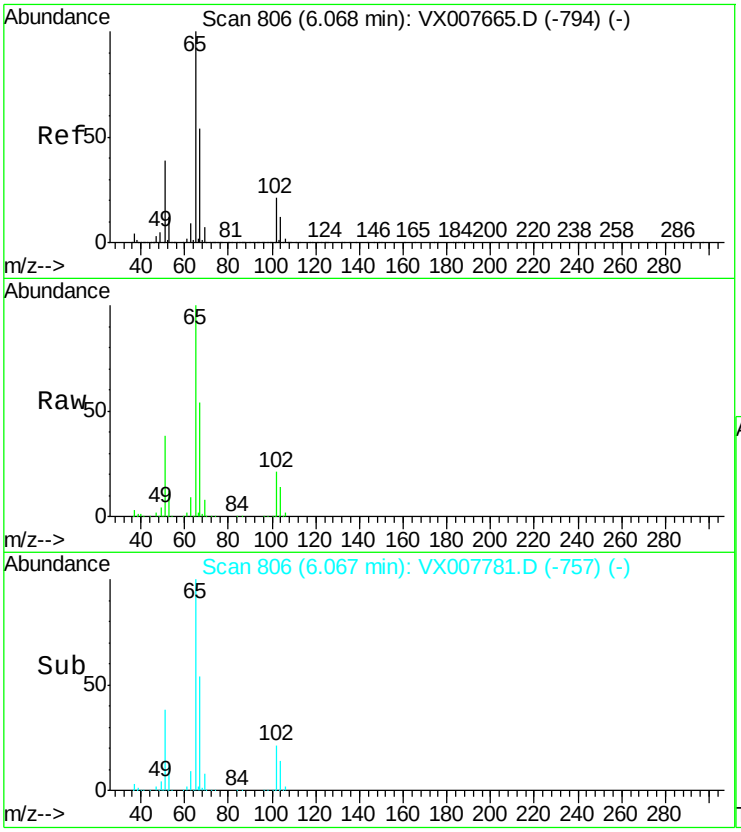




#31
Cyclohexane
Concen: 1.018 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion: 56 Resp: 5784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 171.4 | 23.0 | 34.6# |
| 84 | 157.8 | 69.8 | 104.6# |



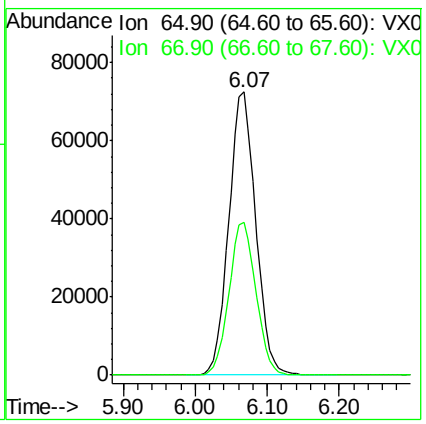


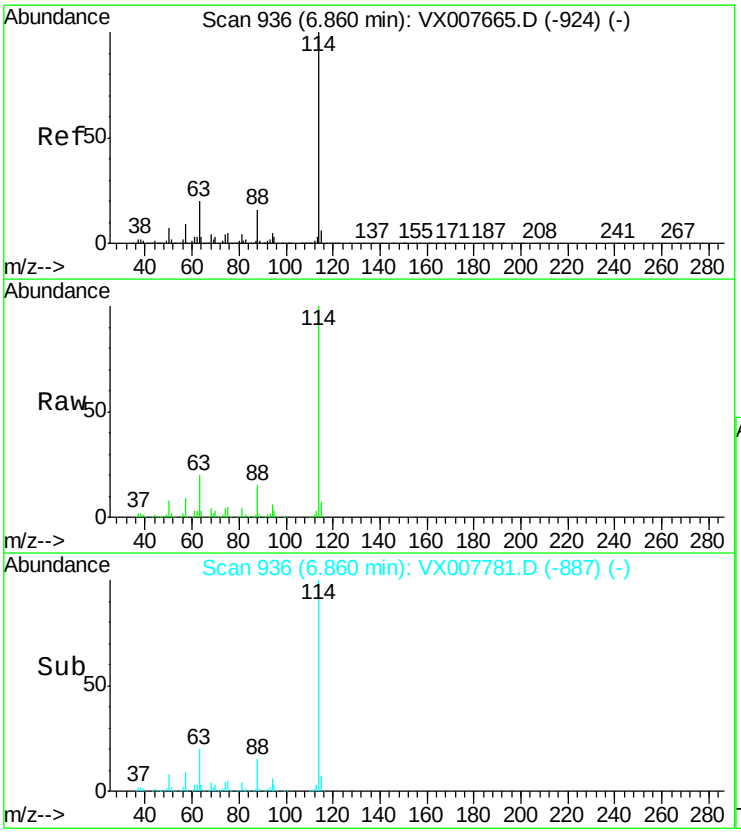

#33
1,2-Dichloroethane-d4
Concen: 45.998 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :** MSVOA_X
**ClientSampleId :** VX0301MBL01

Tgt Ion: 65 Resp: 188058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.1 | 0.0 | 108.8 |

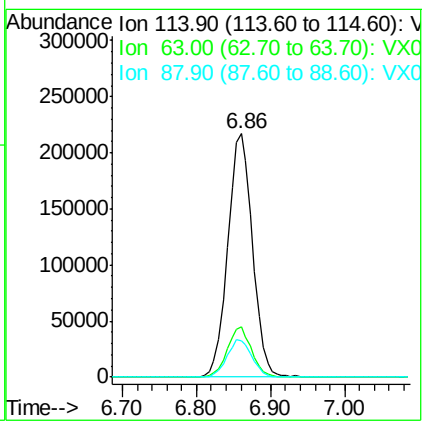


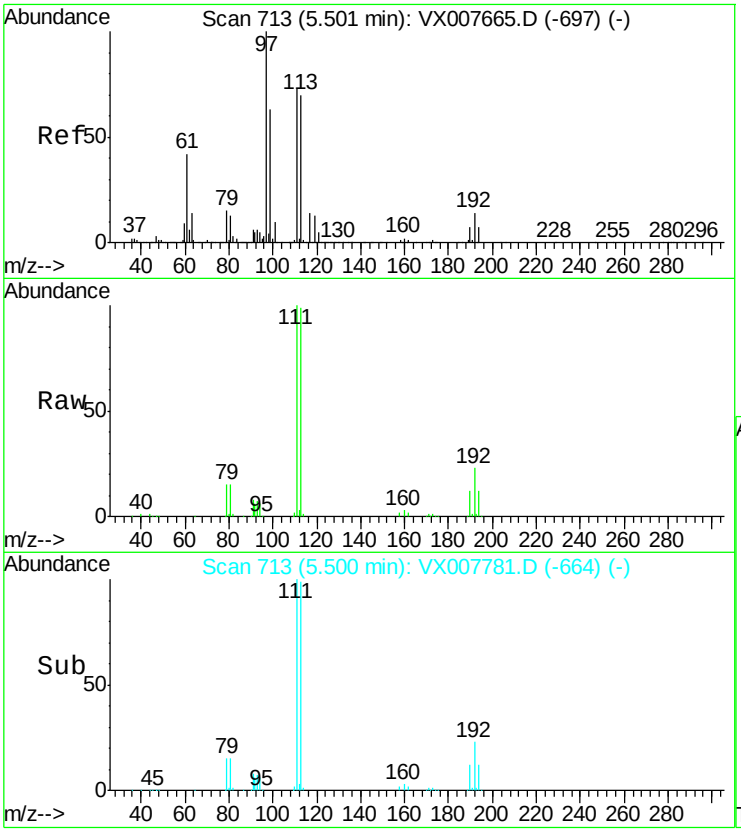




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion:114 Resp: 504750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.4 | 0.0 | 35.6 |
| 88 | 14.8 | 0.0 | 29.6 |



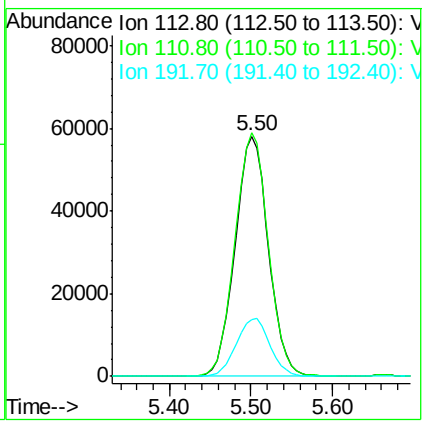


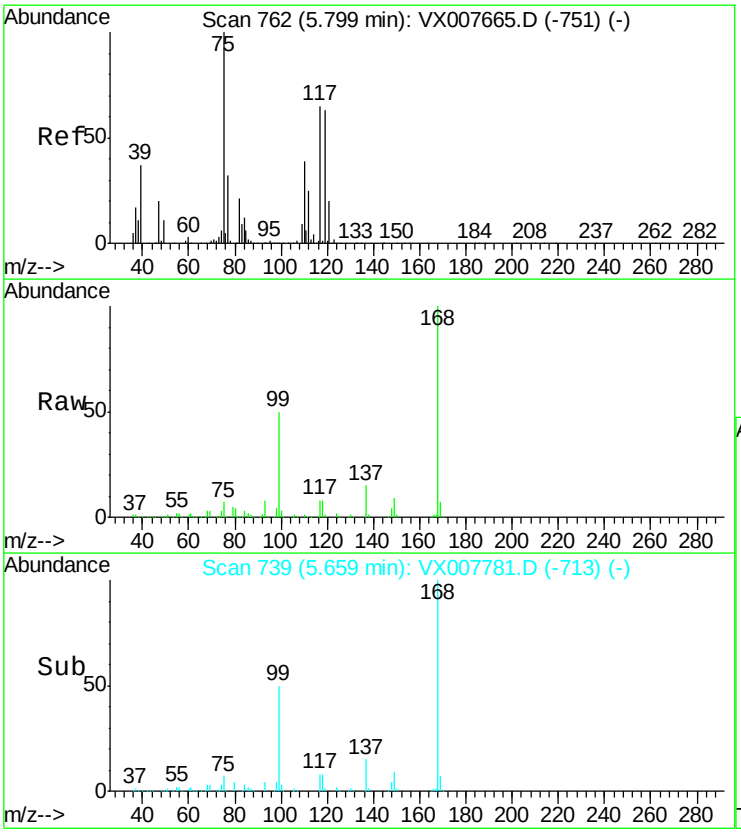

#35
Dibromofluoromethane
Concen: 48.619 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :** MSVOA_X
**ClientSampleId :** VX0301MBL01

Tgt Ion:113 Resp: 164045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.7 | 81.8 | 122.8 |
| 192 | 24.4 | 18.5 | 27.7 |

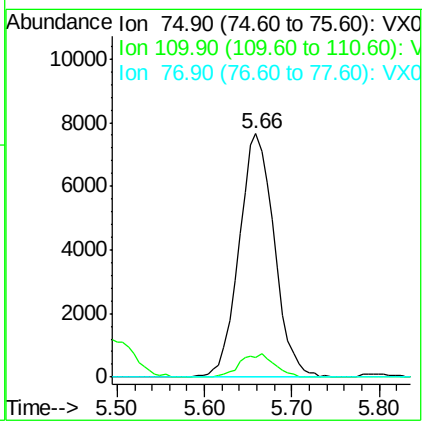


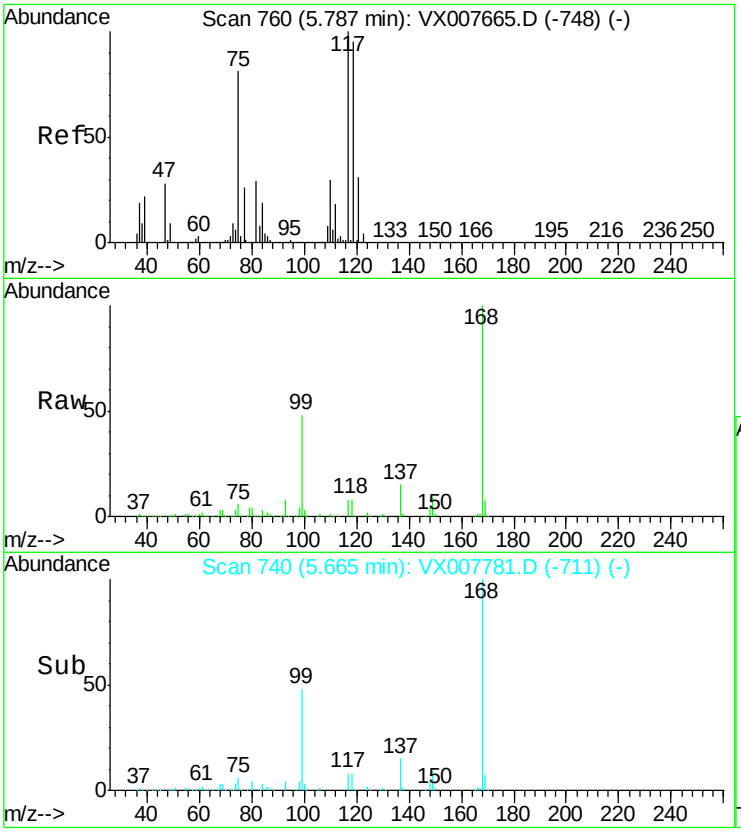




#36
1,1-Dichloropropene
Concen: 4.696 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion: 75 Resp: 21309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.3 | 20.0 | 59.9# |
| 77 | 0.0 | 24.7 | 37.1# |



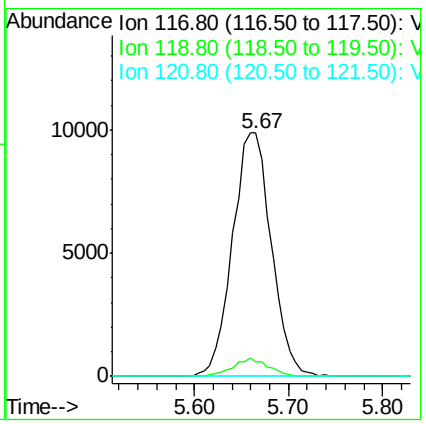


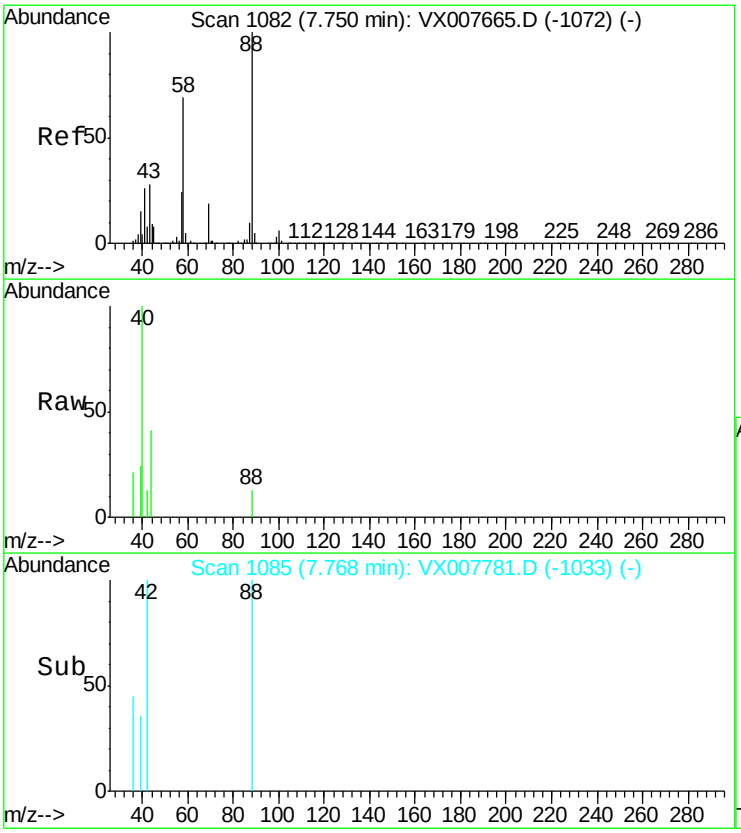

#38
Carbon Tetrachloride
Concen: 6.202 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :** MSVOA_X
**ClientSampleId :** VX0301MBL01

Tgt Ion:117 Resp: 28272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.9 | 75.3 | 112.9# |
| 121 | 0.0 | 25.0 | 37.4# |

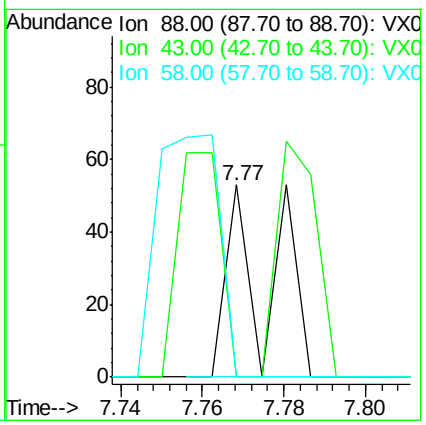


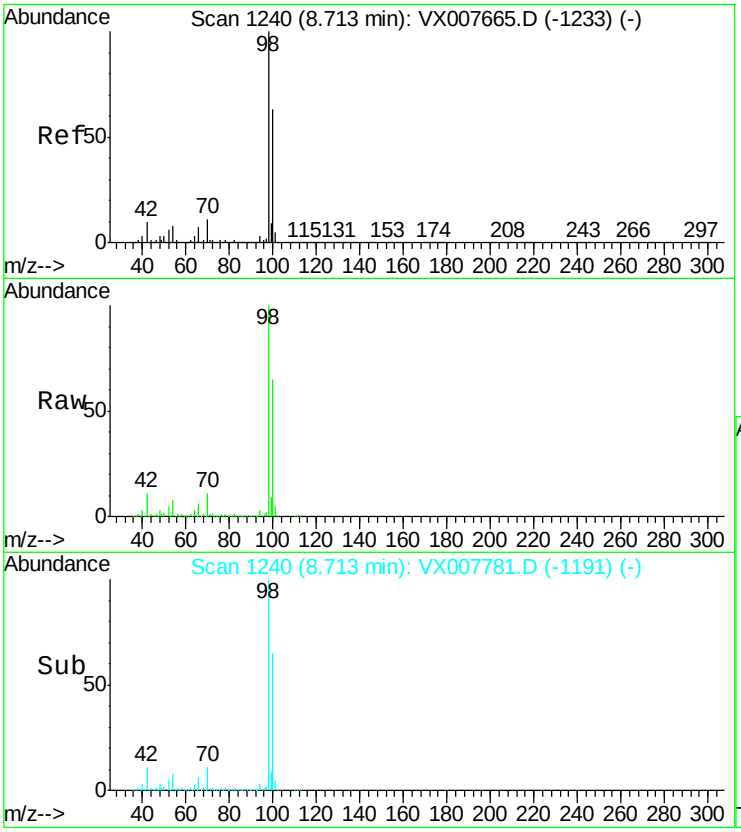




#49
1,4-Dioxane
Concen: 0.444 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion: 88 Resp: 39

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 115.4 | 24.2 | 36.4# |
| 58 | 184.6 | 53.0 | 79.4# |



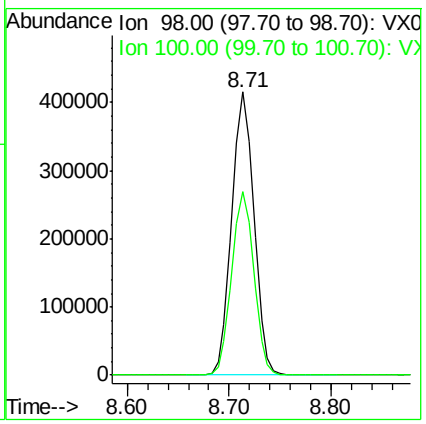


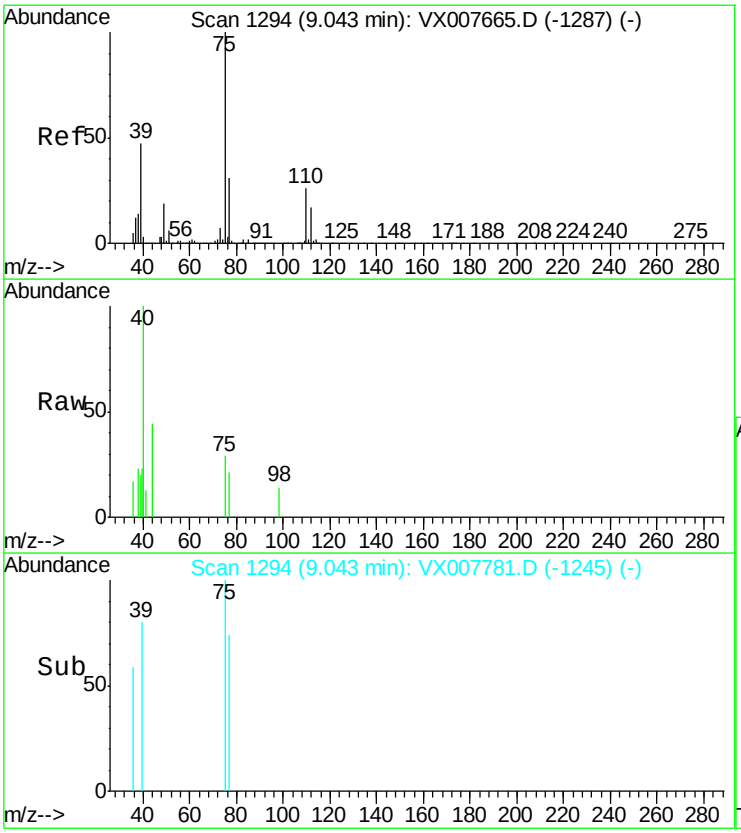

#50
Toluene-d8
Concen: 48.443 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0301MBL01

Tgt Ion: 98 Resp: 625749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.7 | 51.6 | 77.4 |

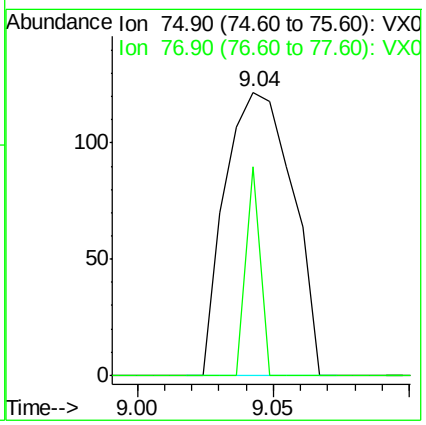


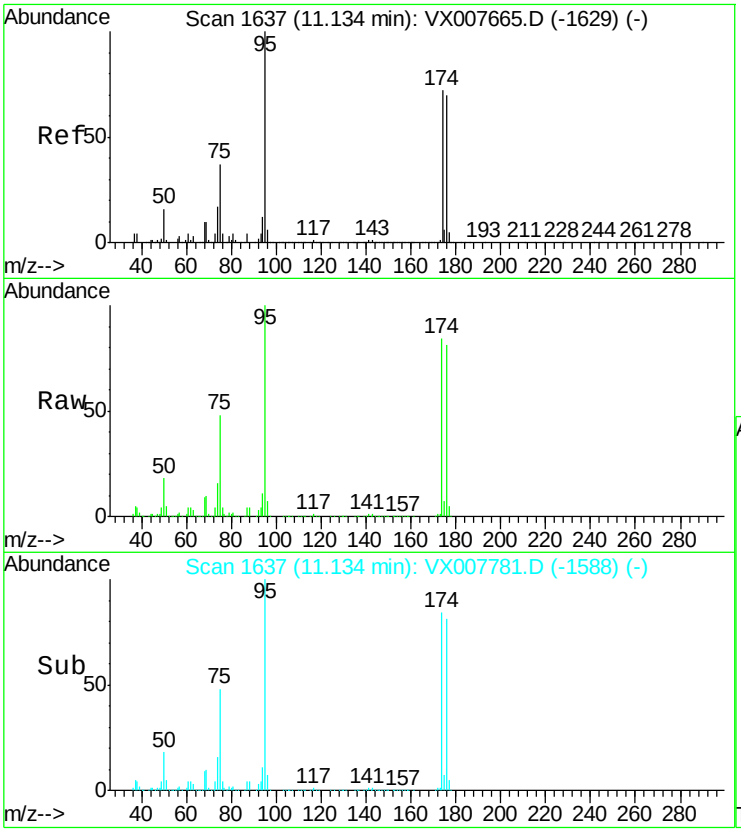




#53
t-1,3-Dichloropropene
Concen: 2.839 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion: 75 Resp: 209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 73.8 | 25.2 | 37.8# |



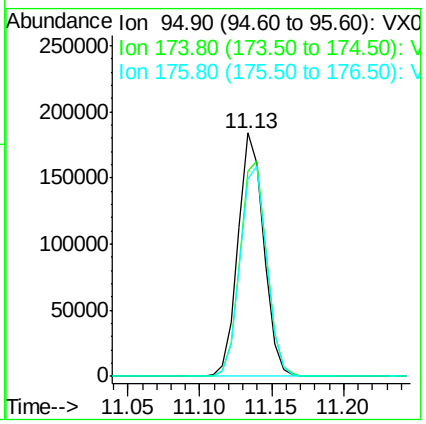


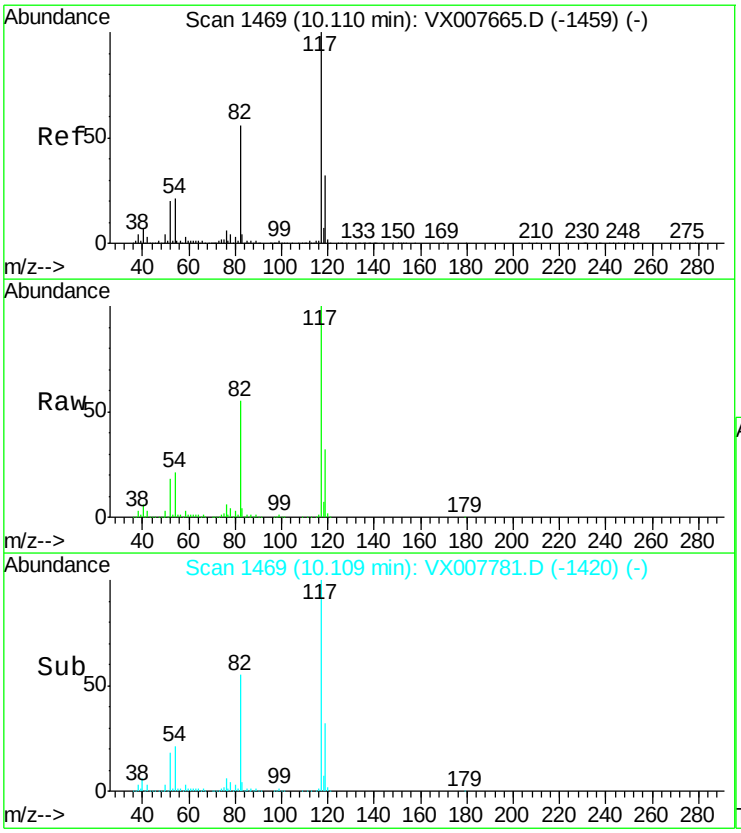

#62
4-Bromofluorobenzene
Concen: 48.176 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0301MBL01

Tgt Ion: 95 Resp: 228410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.7 | 0.0 | 189.2 |
| 176 | 89.3 | 0.0 | 186.2 |

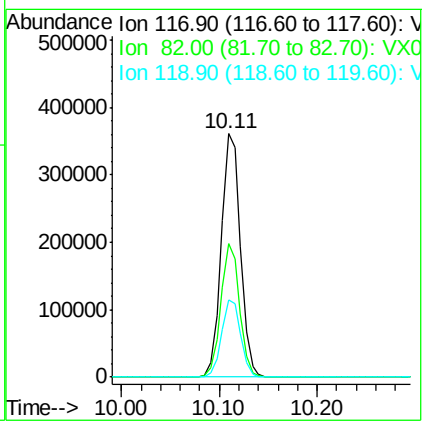


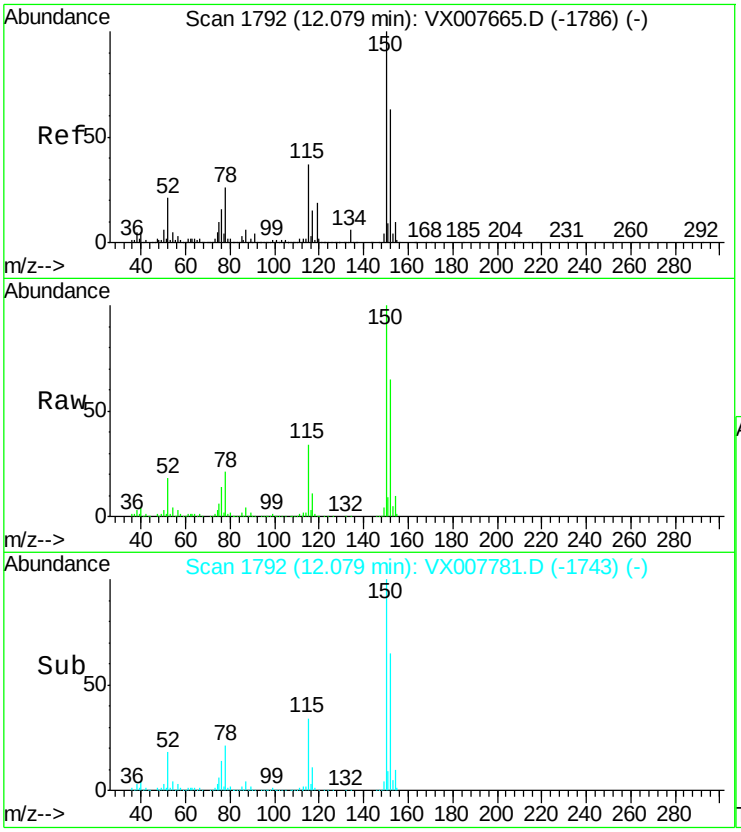




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion:117 Resp: 488910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.8 | 42.1 | 63.1 |
| 119 | 31.8 | 26.5 | 39.7 |



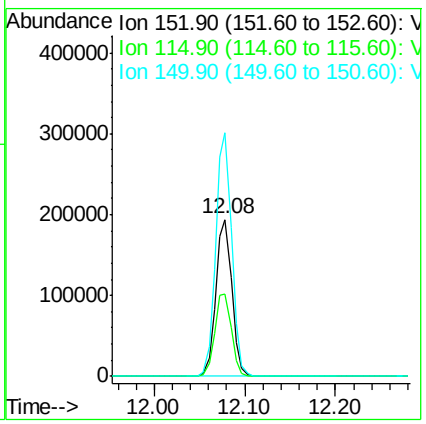


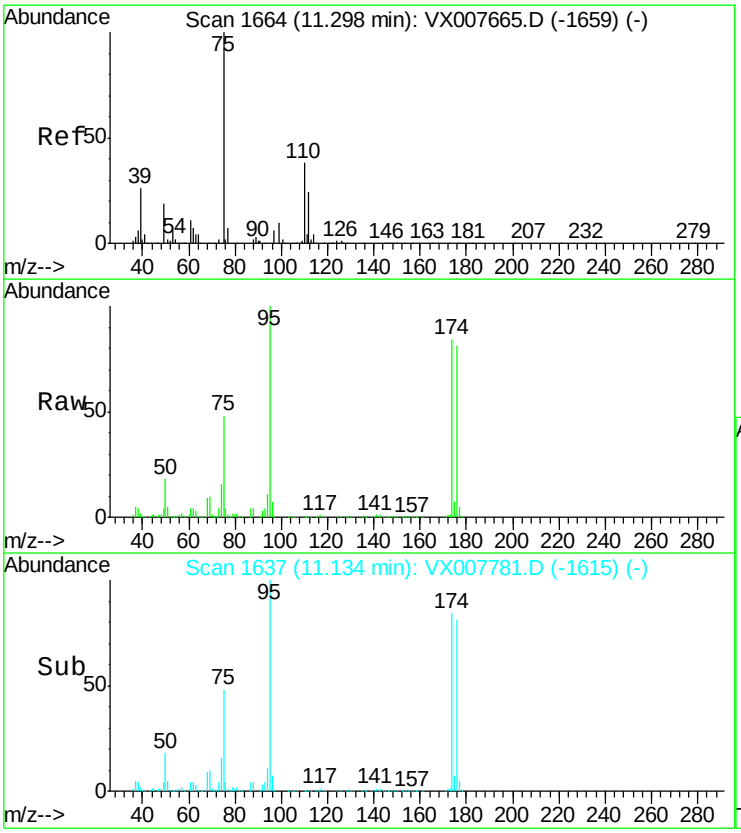

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0301MBL01

Tgt Ion:152 Resp: 239836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.5 | 38.0 | 114.0 |
| 150 | 155.2 | 0.0 | 346.4 |

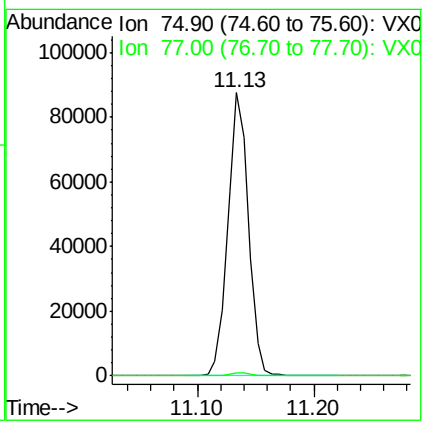


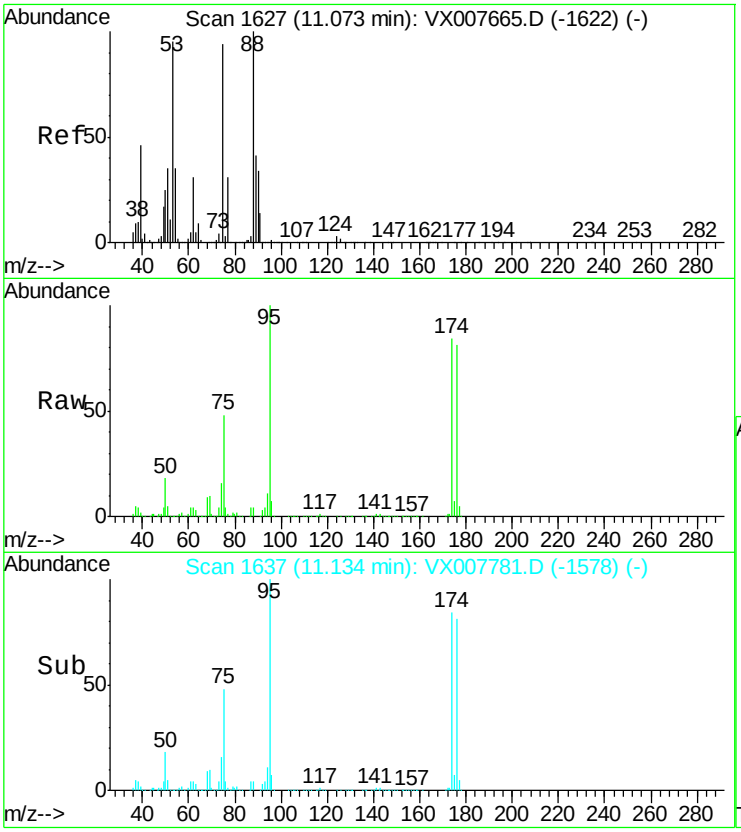




#76
1,2,3-Trichloropropane
Concen: 21.088 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

Tgt Ion: 75 Resp: 107808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 23.0 | 69.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 56.119 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007781.D
Acq: 01 Mar 2019 11:20

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0301MBL01

Tgt Ion: 75 Resp: 107808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.2 | 81.0 | 121.6# |
| 89 | 0.0 | 41.4 | 62.0# |