Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
Data File : VX000474.D
Acq On : 27 Mar 2018 22:01
Operator : JC/MD
Sample : J2062-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 19643

Quant Time: Mar 28 06:56:25 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.68 | 168 | 106973 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.87 | 114 | 194108 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 194013 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152 | 112492 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.08 | 65 | 79828 | 57.17 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 114.34% | | | | |
| 35) Dibromofluoromethane | 5.52 | 113 | 61556 | 50.33 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.66% | | | | |
| 50) Toluene-d8 | 8.73 | 98 | 243339 | 48.04 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.08% | | | | |
| 62) 4-Bromofluorobenzene | 11.15 | 95 | 94790 | 44.99 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.98% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.32 | 50 | 384 | 0.31 | ug/l | # | 54 |
| 6) Chloroethane | 1.72 | 64 | 509 | Below Cal | | # | 44 |
| 10) Methyl Iodide | 2.51 | 142 | 44 | 4.31 | ug/l | # | 37 |
| 11) Tert butyl alcohol | 3.07 | 59 | 1829 | 3.81 | ug/l | | 99 |
| 13) Acrolein | 2.30 | 56 | 165 | 15.59 | ug/l | # | 13 |
| 14) Allyl chloride | 2.69 | 41 | 101 | Below Cal | | # | 1 |
| 16) Acetone | 2.45 | 43 | 48036 | 41.35 | ug/l | | 95 |
| 18) Methyl Acetate | 2.79 | 43 | 1001 | 0.41 | ug/l | # | 61 |
| 19) Methyl tert-butyl Ether | 3.22 | 73 | 4992 | 1.16 | ug/l | | 94 |
| 20) Methylene Chloride | 2.87 | 84 | 1053 | 0.78 | ug/l | # | 78 |
| 22) Diisopropyl ether | 3.88 | 45 | 1902 | 0.52 | ug/l | # | 86 |
| 23) Vinyl Acetate | 3.89 | 43 | 1361 | 0.40 | ug/l | # | 72 |
| 25) 2-Butanone | 4.72 | 43 | 8160 | 6.25 | ug/l | # | 90 |
| 31) Cyclohexane | 5.59 | 56 | 690 | 0.39 | ug/l | # | 80 |
| 36) 1,1-Dichloropropene | 5.68 | 75 | 8478 | 4.66 | ug/l | # | 51 |
| 37) Ethyl Acetate | 4.72 | 43 | 8160 | 3.29 | ug/l | # | 69 |
| 38) Carbon Tetrachloride | 5.68 | 117 | 10720 | 5.62 | ug/l | # | 15 |
| 39) Methylcyclohexane | 7.47 | 83 | 609 | 0.28 | ug/l | # | 81 |
| 40) Benzene | 6.15 | 78 | 179711 | 34.04 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 6.17 | 62 | 1974 | 0.95 | ug/l | # | 78 |
| 51) 4-Methyl-2-Pentanone | 8.66 | 43 | 1195 | 0.42 | ug/l | # | 78 |
| 52) Toluene | 8.79 | 92 | 454479 | 123.12 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.79 | 75 | 6224 | 2.97 | ug/l | # | 1 |
| 59) 2-Hexanone | 9.51 | 43 | 1104 | 0.45 | ug/l | | 94 |
| 67) Ethyl Benzene | 10.37 | 91 | 722408 | 98.70 | ug/l | # | 65 |
| 68) m/p-Xylenes | 10.37 | 106 | 357788 | 124.23 | ug/l | | 98 |
| 69) o-Xylene | 10.71 | 106 | 282355 | 101.25 | ug/l | | 96 |
| 70) Styrene | 10.71 | 104 | 15253 | 3.31 | ug/l | # | 1 |
| 74) N-amyl acetate | 6.47 | 43 | 225 | Below Cal | | # | 59 |
| 76) 1,2,3-Trichloropropane | 11.44 | 75 | 3672 | 1.52 | ug/l | # | 1 |
| 78) n-propylbenzene | 11.44 | 91 | 46540 | 5.24 | ug/l | # | 1 |
| 79) 2-Chlorotoluene | 11.44 | 91 | 46540 | 9.06 | ug/l | # | 39 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 142494 | 22.74 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.15 | 75 | 53629 | 71.82 | ug/l | # | 9 |

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
Data File : VX000474.D
Acq On : 27 Mar 2018 22:01
Operator : JC/MD
Sample : J2062-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Quant Time: Mar 28 06:56:25 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 82) 4-Chlorotoluene | 11.51 | 91 | 16749 | 2.73 | ug/l | # | 44 |
| 83) tert-Butylbenzene | 12.03 | 119 | 12539 | 1.98 | ug/l | | 71 |
| 84) 1,2,4-Trimethylbenzene | 11.82 | 105 | 628513 | 95.66 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.82 | 105 | 628513 | 80.37 | ug/l | # | 56 |
| 86) p-Isopropyltoluene | 12.03 | 119 | 12539 | 1.81 | ug/l | | 93 |
| 89) n-Butylbenzene | 12.38 | 91 | 16815 | 2.60 | ug/l | # | 1 |
| 90) Hexachloroethane | 12.59 | 117 | 7919 | 7.24 | ug/l | # | 12 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.02 | 75 | 1147 | 1.56 | ug/l | # | 1 |
| 95) Naphthalene | 13.84 | 128 | 757424 | 82.40 | ug/l | | 100 |

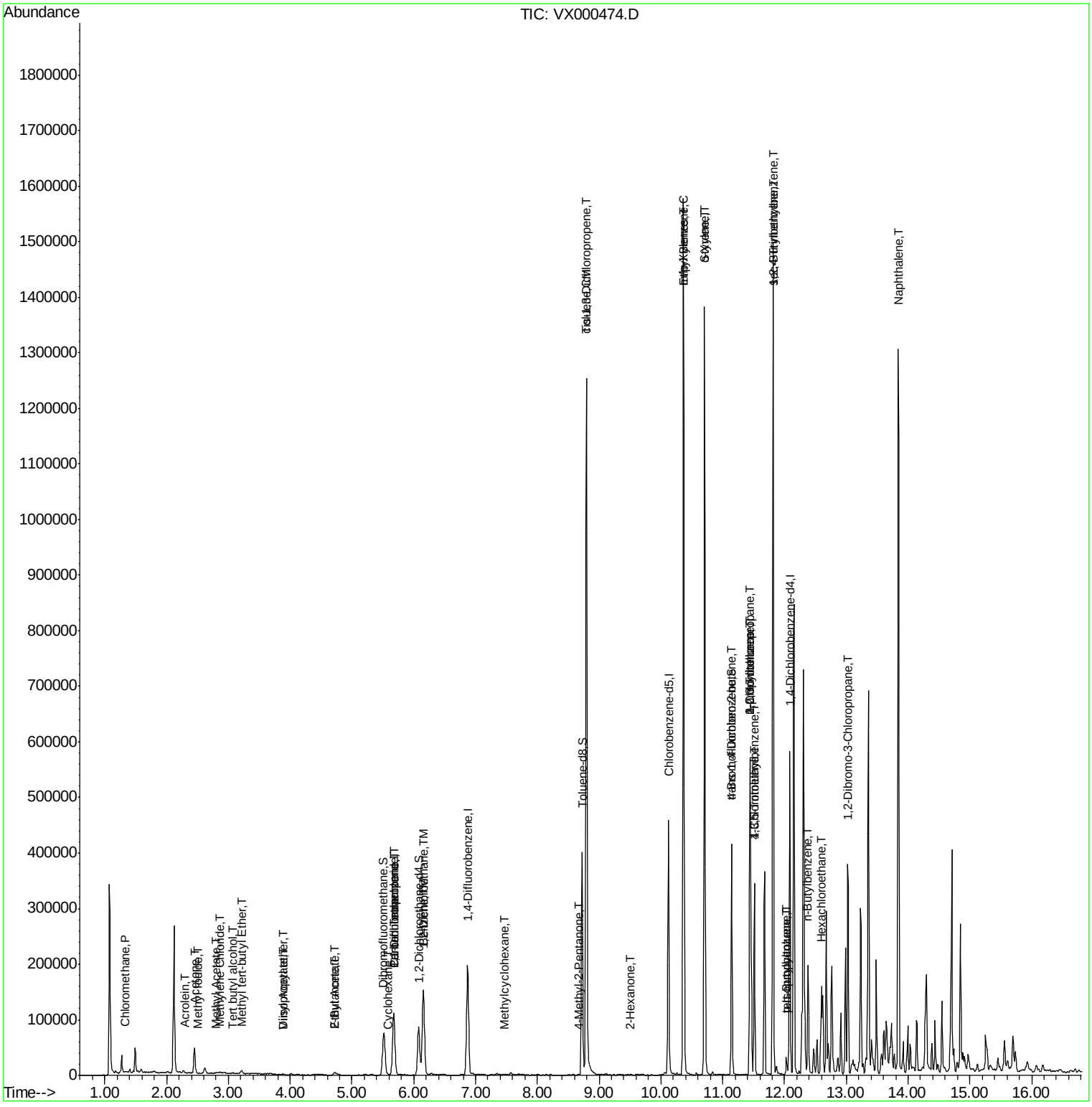
(#) = qualifier out of range (m) = manual integration (+) = signals summed

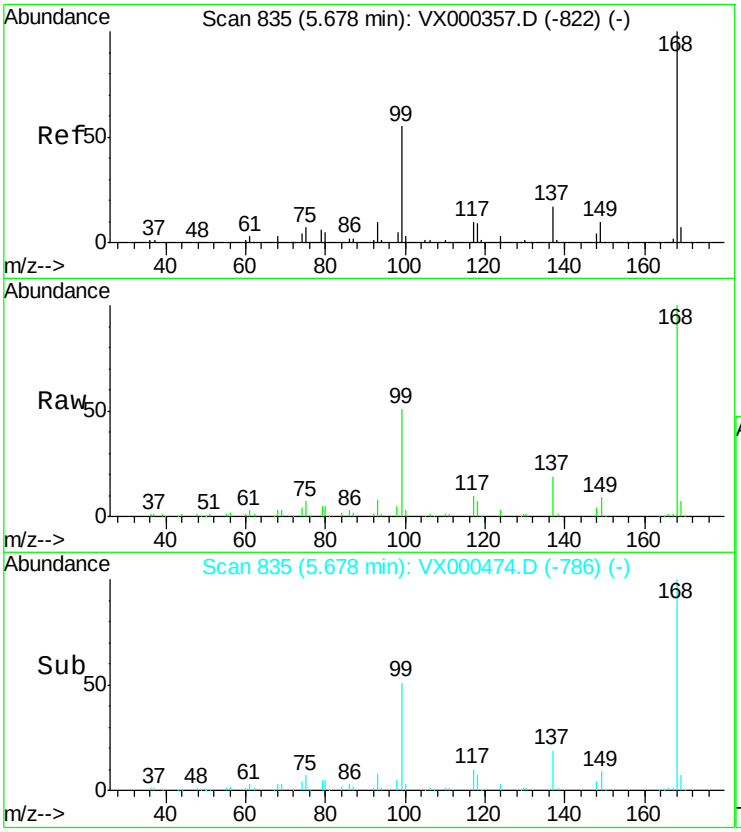
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
Data File : VX000474.D
Acq On : 27 Mar 2018 22:01
Operator : JC/MD
Sample : J2062-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Quant Time: Mar 28 06:56:25 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration



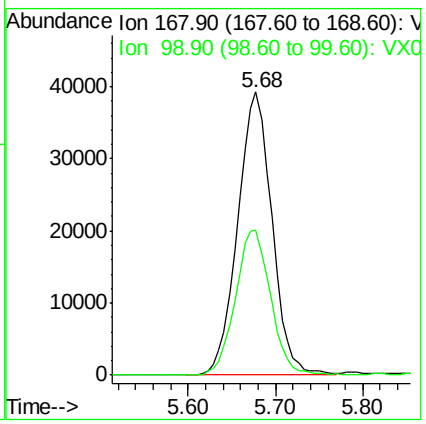


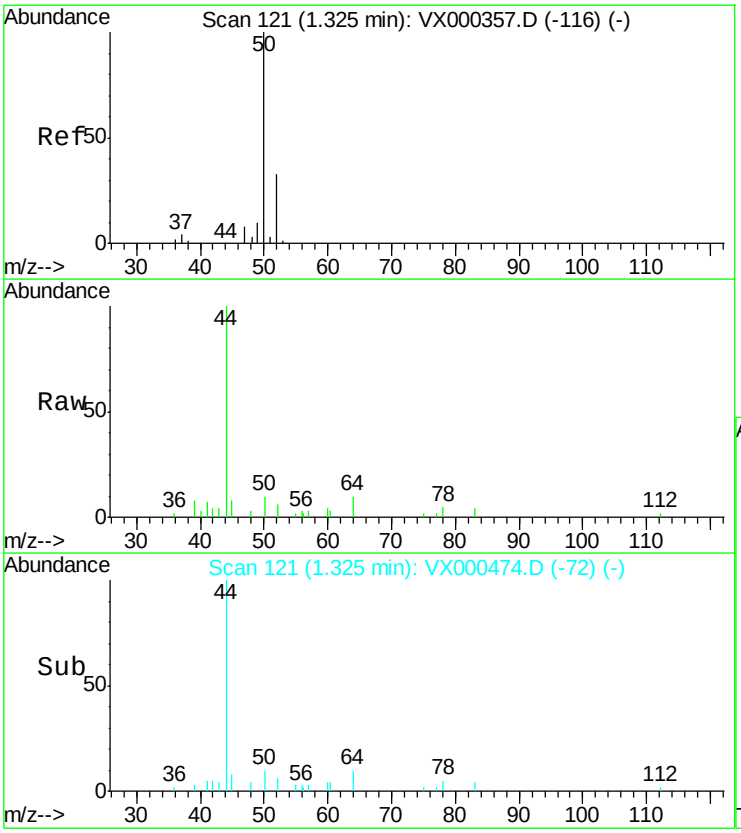

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion:168 Resp: 106973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 51.1 | 45.8 | 68.6 |

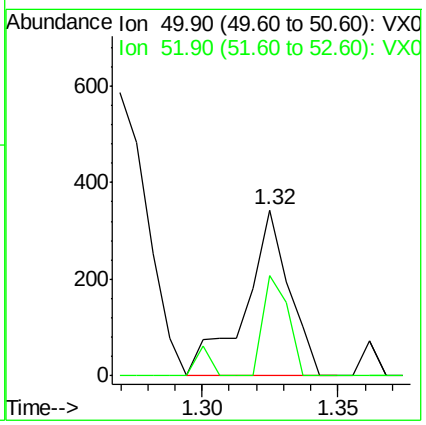


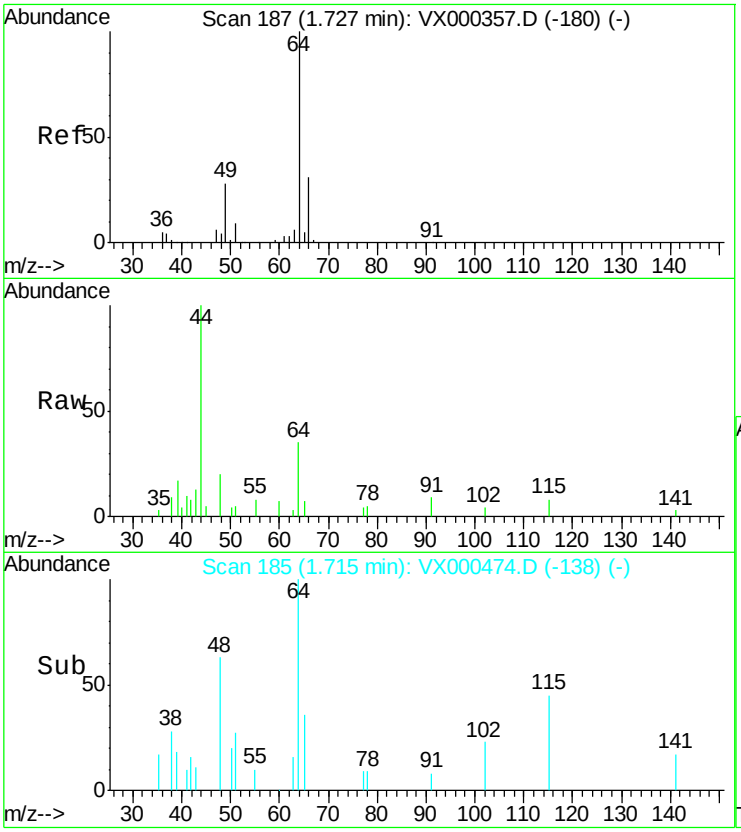




#3
Chloromethane
Concen: 0.31 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 50 Resp: 384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 60.6 | 27.5 | 41.3# |



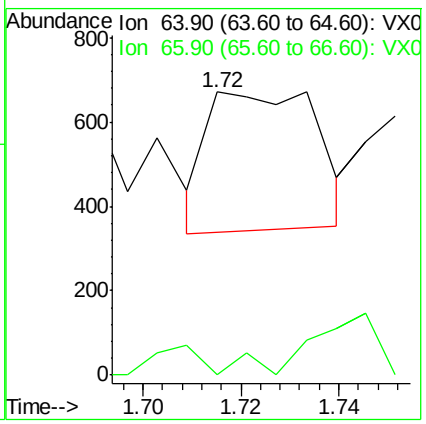


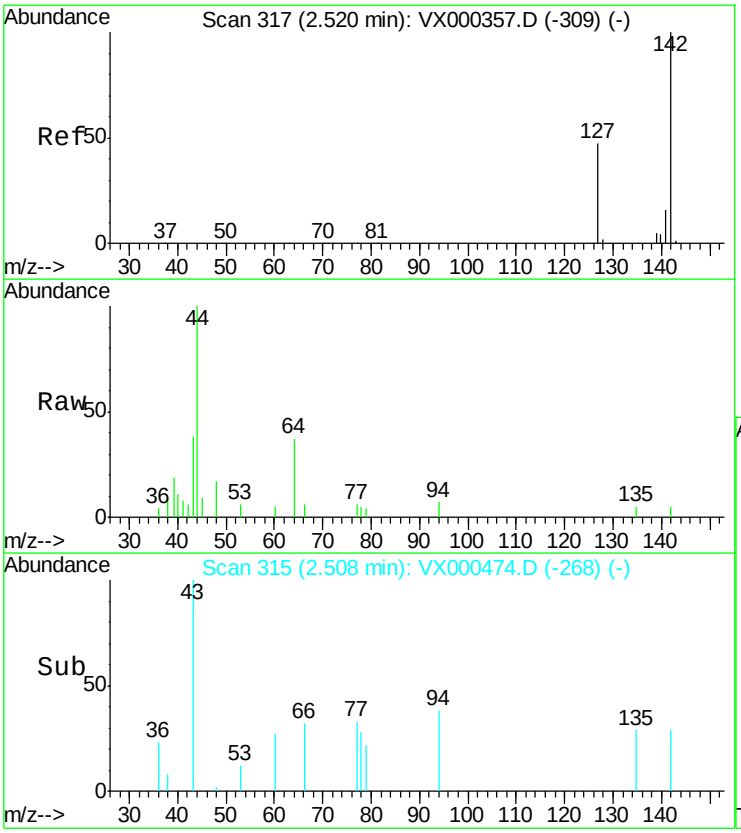

#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 64 Resp: 509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 24.8 | 37.2# |

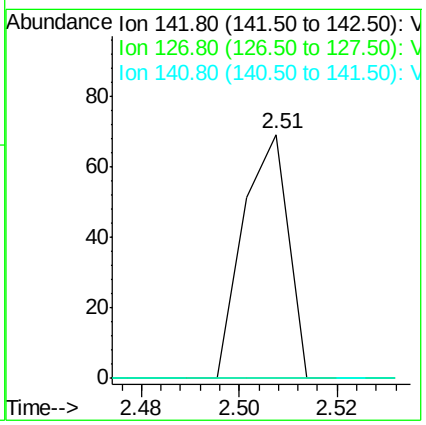


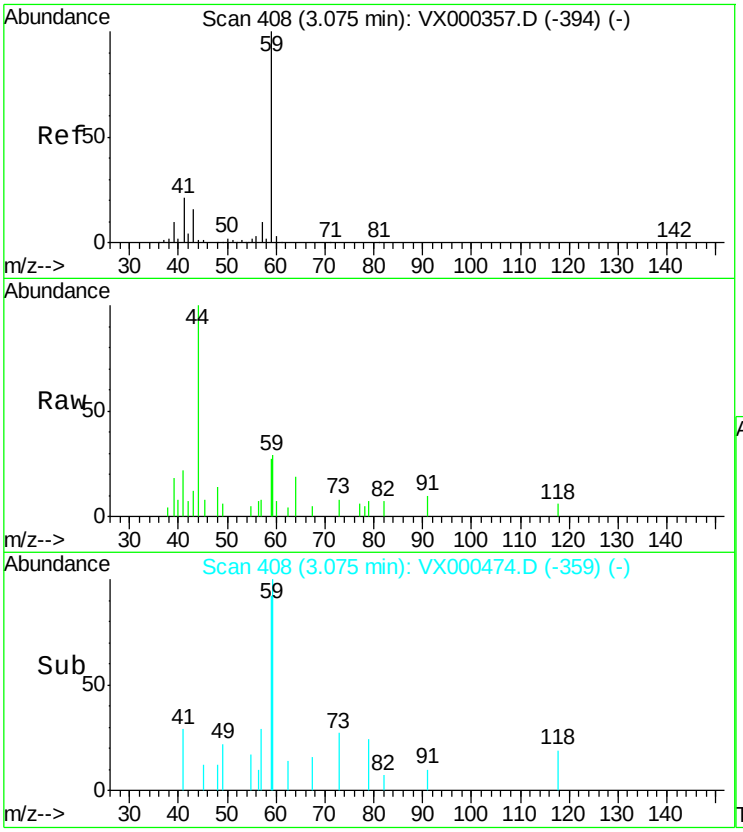




#10
Methyl Iodide
Concen: 4.31 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion:142 Resp: 44

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 39.2 | 58.8# |
| 141 | 0.0 | 11.7 | 17.5# |



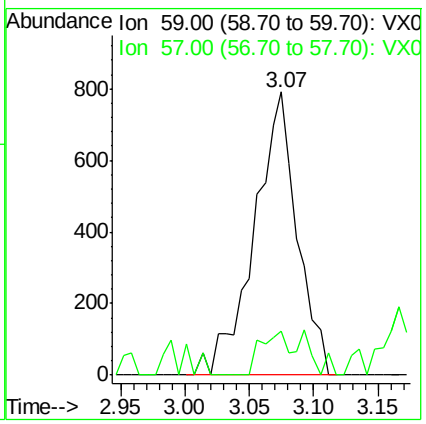


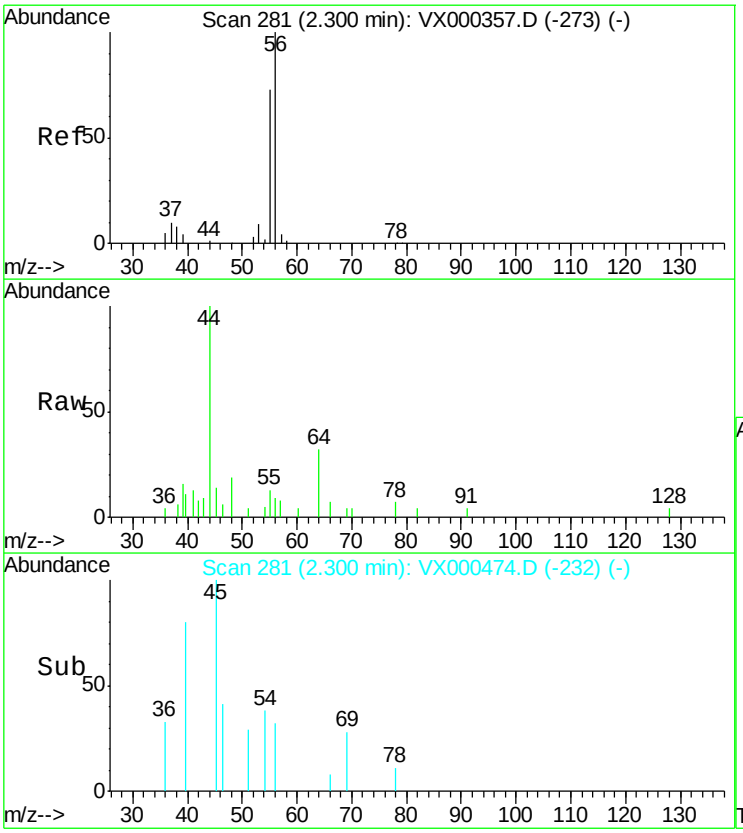

#11
Tert butyl alcohol
Concen: 3.81 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 59 Resp: 1829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.8 | 8.4 | 12.6 |

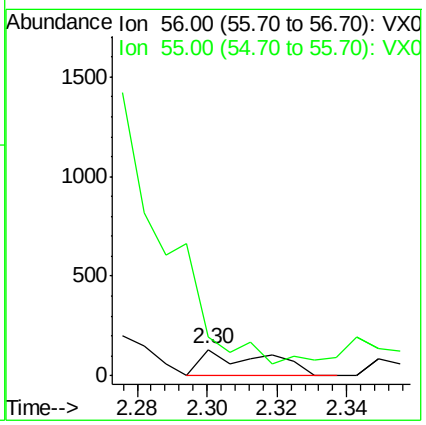


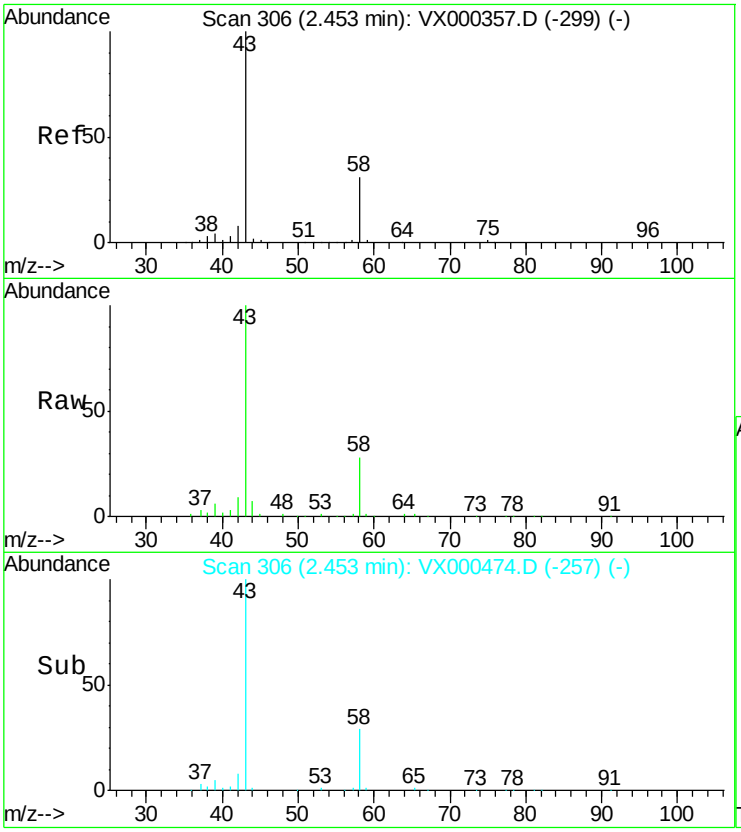




#13
Acrolein
Concen: 15.59 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 56 Resp: 165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 58.8 | 88.2# |



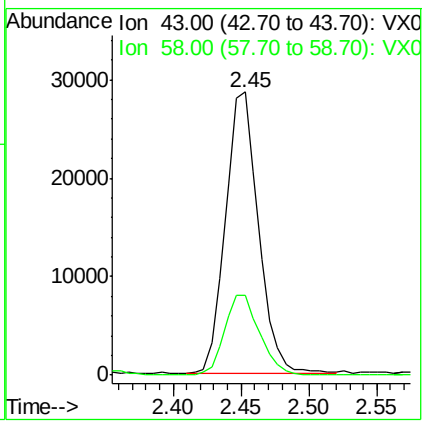


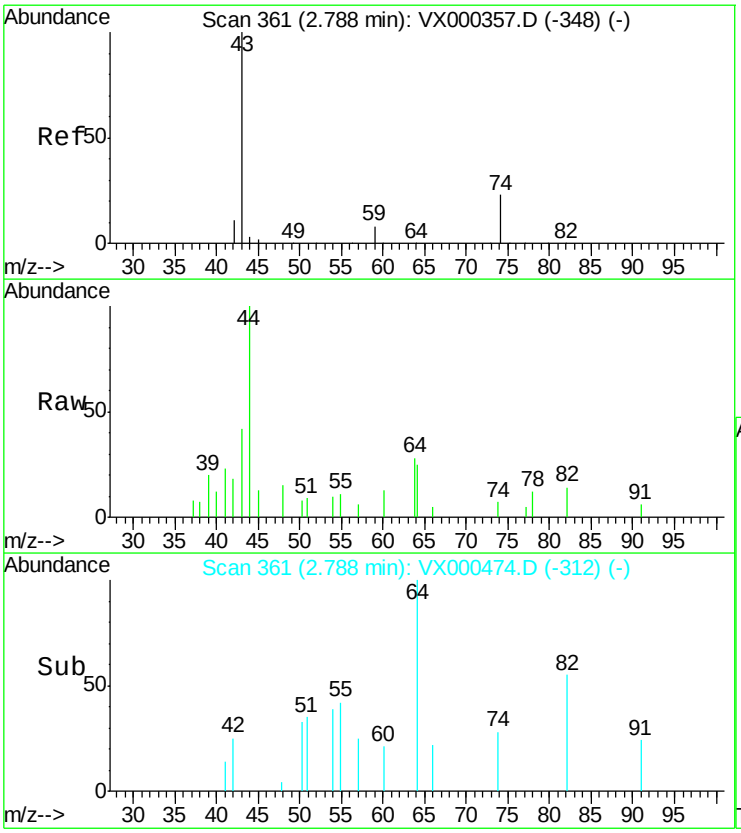

#16
Acetone
Concen: 41.35 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 43 Resp: 48036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.4 | 24.7 | 37.1 |

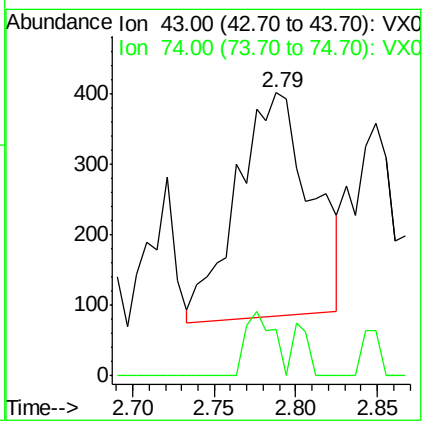


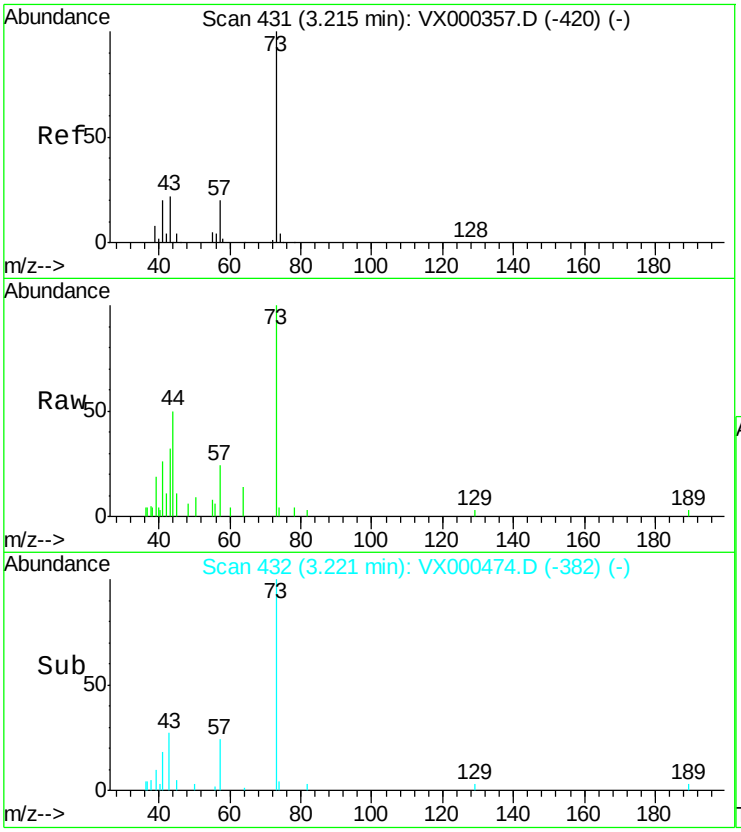




#18
Methyl Acetate
Concen: 0.41 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 43 Resp: 1001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 5.1 | 19.4 | 29.2# |



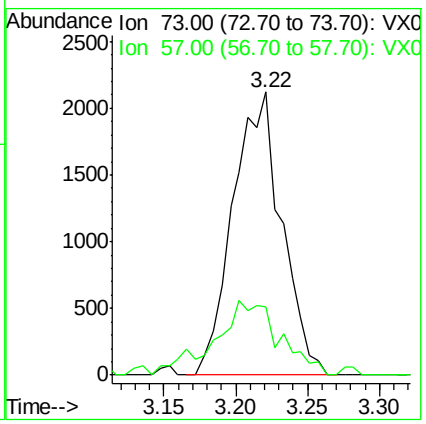


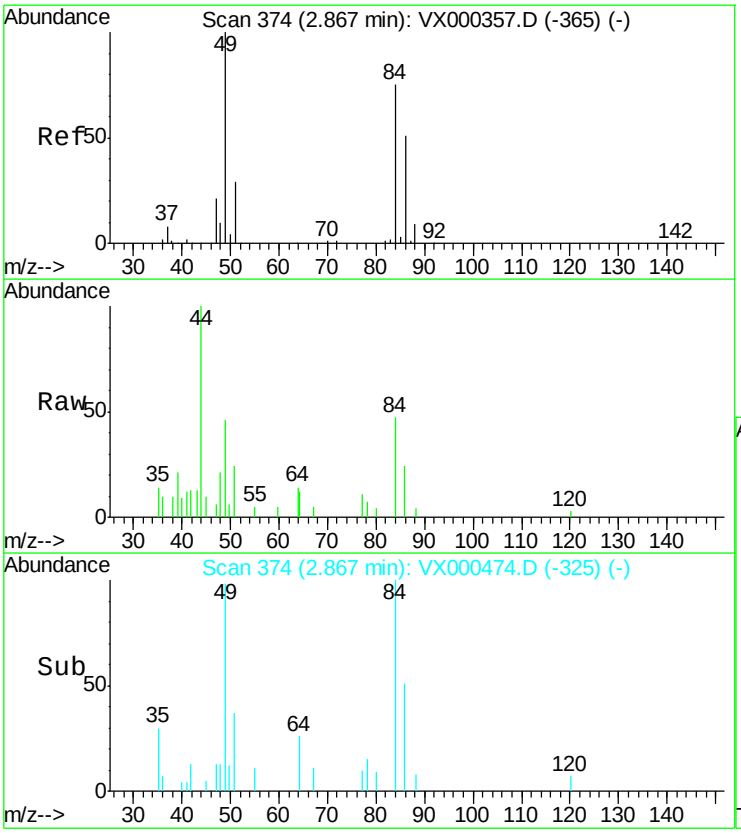

#19
Methyl tert-butyl Ether
Concen: 1.16 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 73 Resp: 4992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 24.3 | 17.2 | 25.8 |

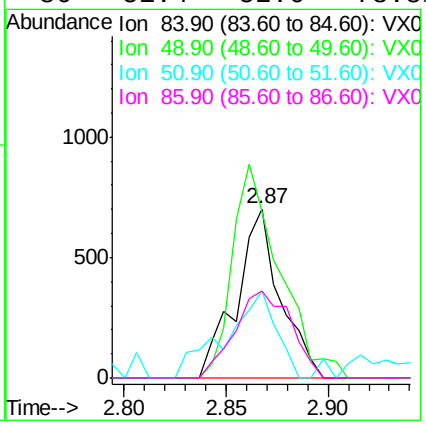


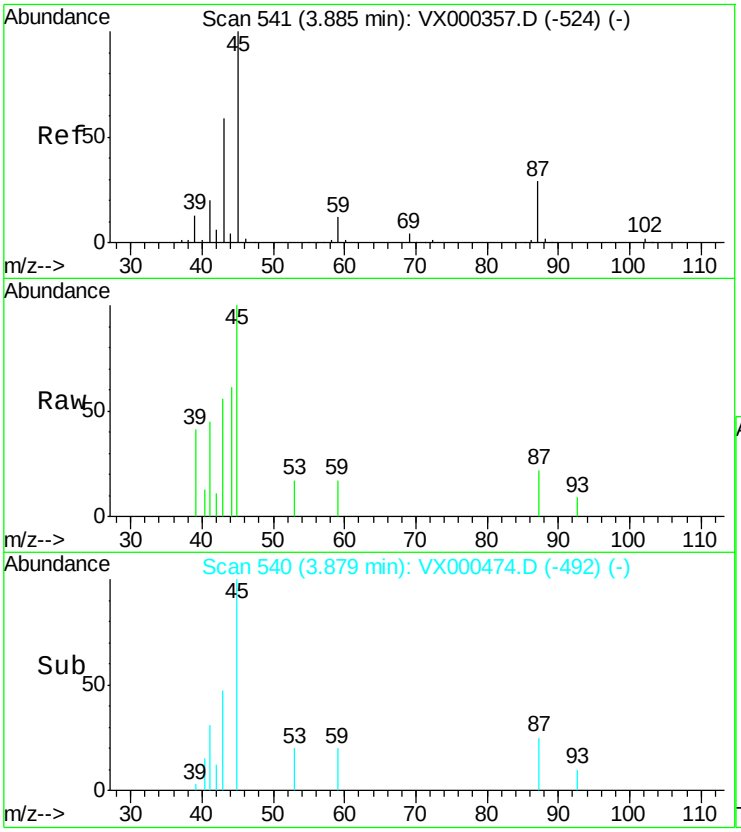




#20
Methylene Chloride
Concen: 0.78 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 84 Resp: 1053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 98.3 | 100.6 | 151.0# |
| 51 | 51.4 | 31.6 | 47.4# |
| 86 | 51.4 | 52.6 | 78.8# |



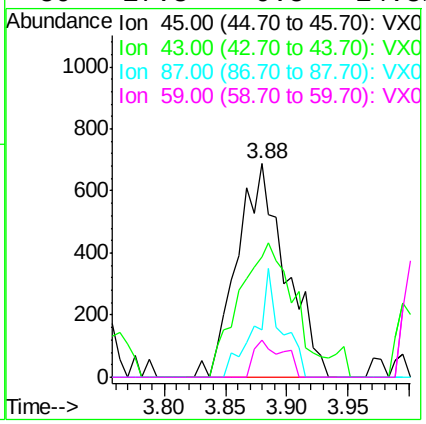


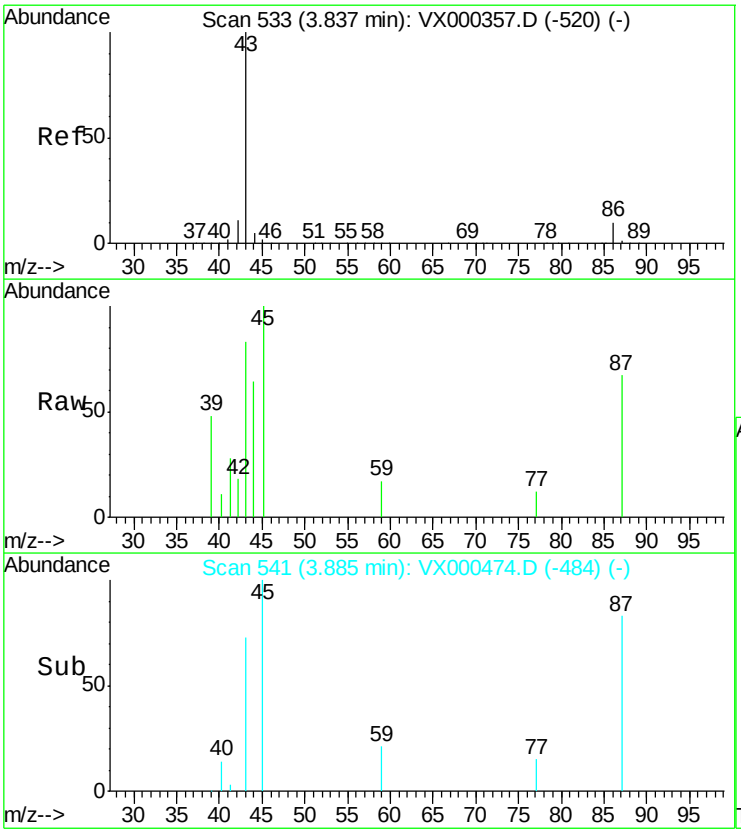

#22
Diisopropyl ether
Concen: 0.52 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :** MSVOA_X
**ClientSampleId :** 19643

Tgt Ion: 45 Resp: 1902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 56.1 | 53.9 | 80.9 |
| 87 | 21.9 | 22.6 | 34.0# |
| 59 | 17.3 | 9.5 | 14.3# |

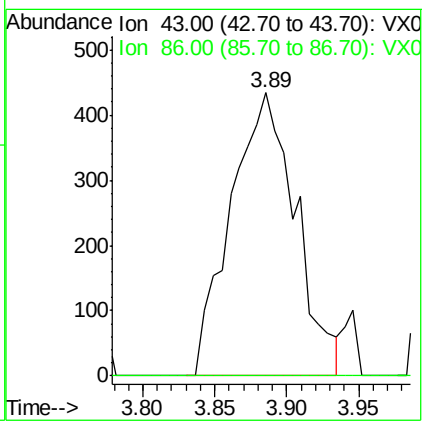


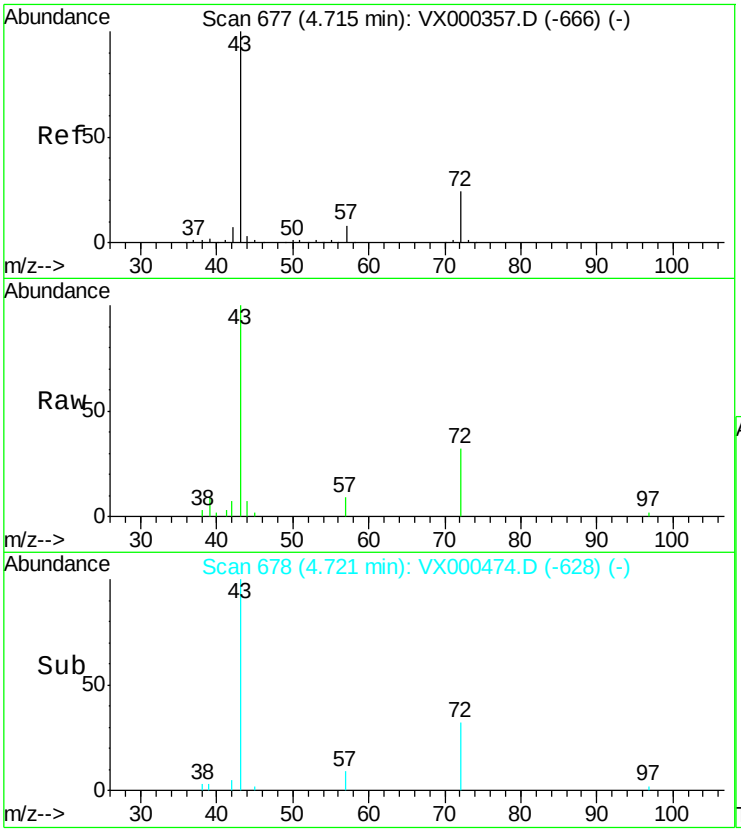




#23
Vinyl Acetate
Concen: 0.40 ug/l
RT: 3.89 min Scan# 541
Delta R.T. 0.05 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 43 Resp: 1361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 0.0 | 8.6 | 12.8# |



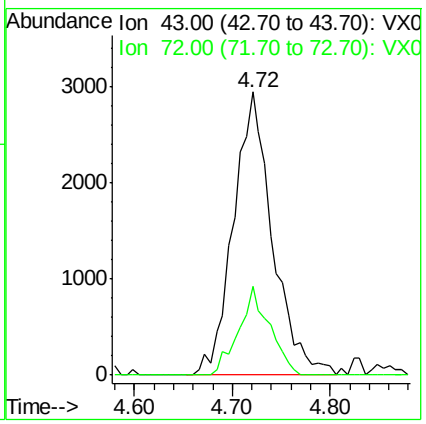


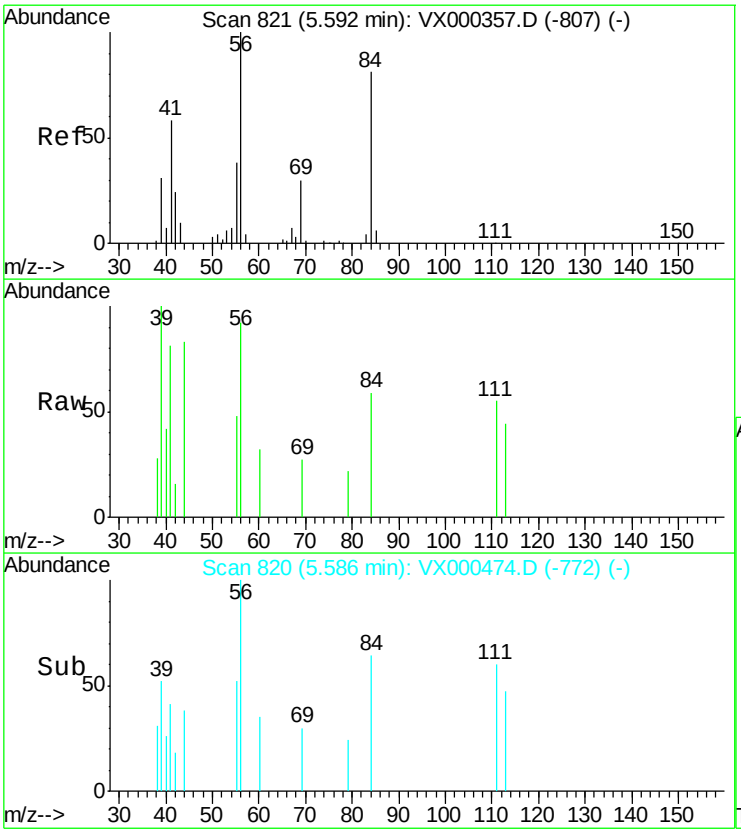

#25
2-Butanone
Concen: 6.25 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 43 Resp: 8160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 31.6 | 21.0 | 31.6# |

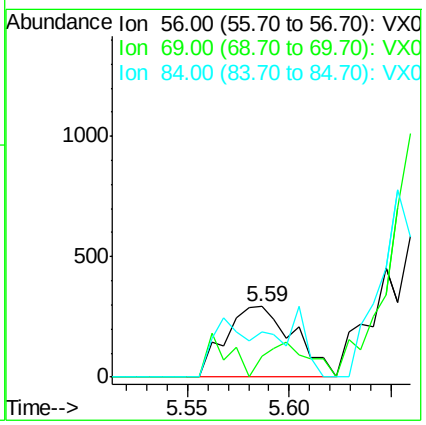


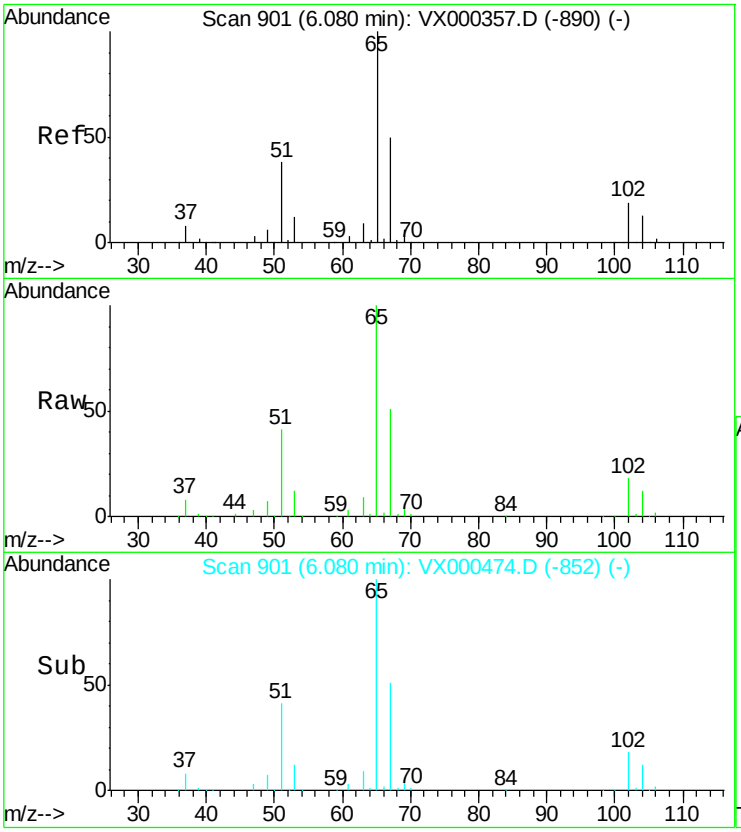




#31
Cyclohexane
Concen: 0.39 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 56 Resp: 690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.6 | 23.4 | 35.0 |
| 84 | 63.6 | 71.0 | 106.4# |



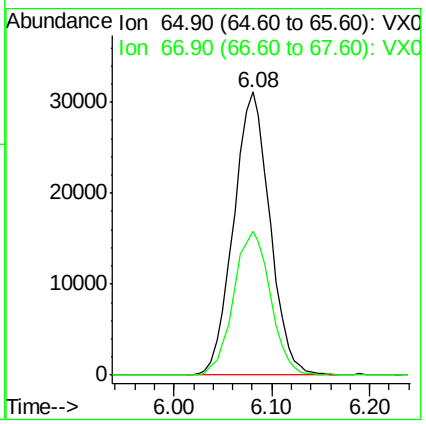


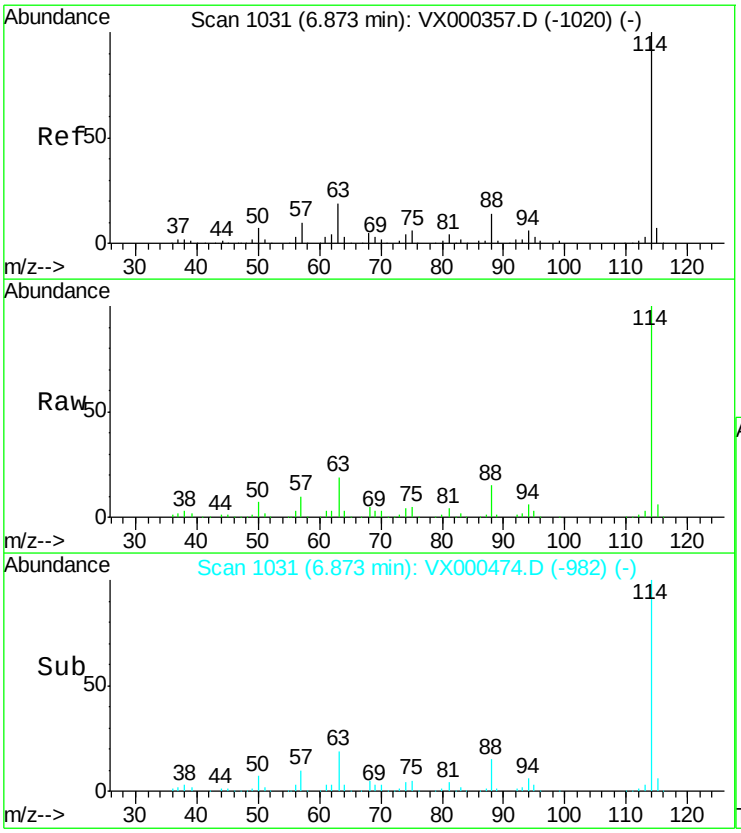

#33
1,2-Dichloroethane-d4
Concen: 57.17 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 65 Resp: 79828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.6 | 0.0 | 103.2 |

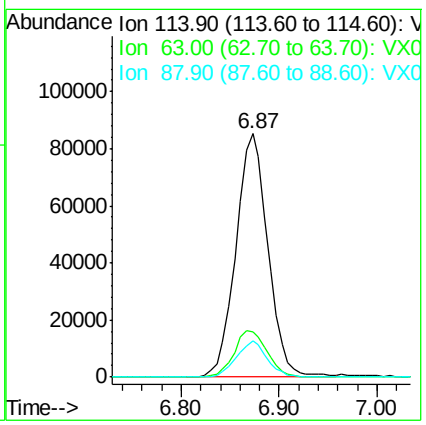


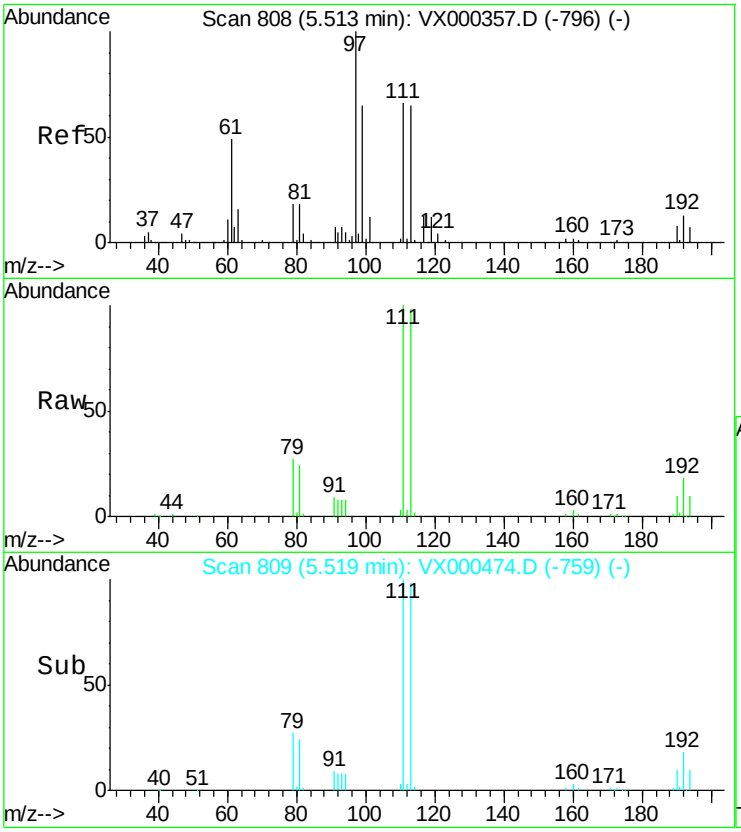




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion:114 Resp: 194108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.5 | 0.0 | 38.4 |
| 88 | 14.7 | 0.0 | 27.0 |



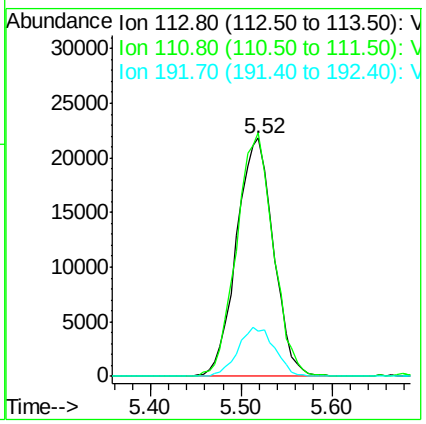


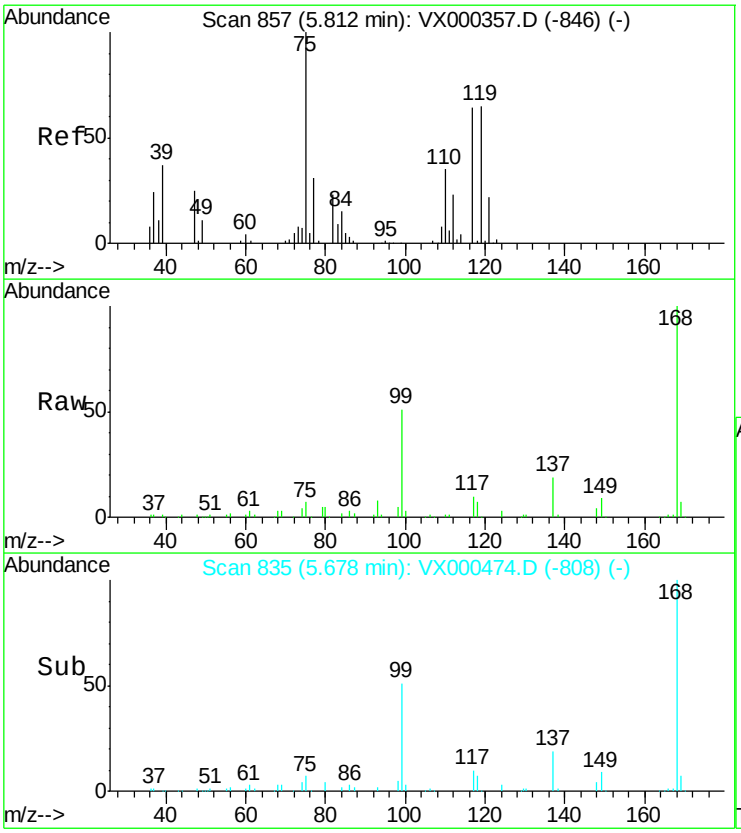

#35
Dibromofluoromethane
Concen: 50.33 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion:113 Resp: 61556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.3 | 82.4 | 123.6 |
| 192 | 20.3 | 15.8 | 23.6 |

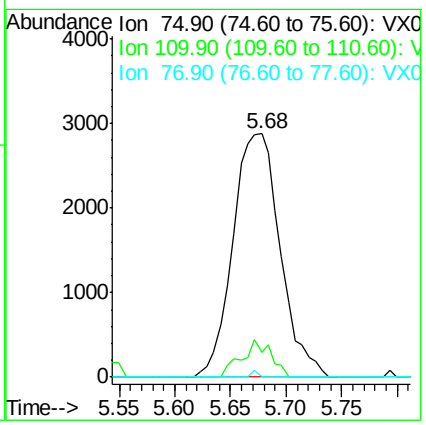


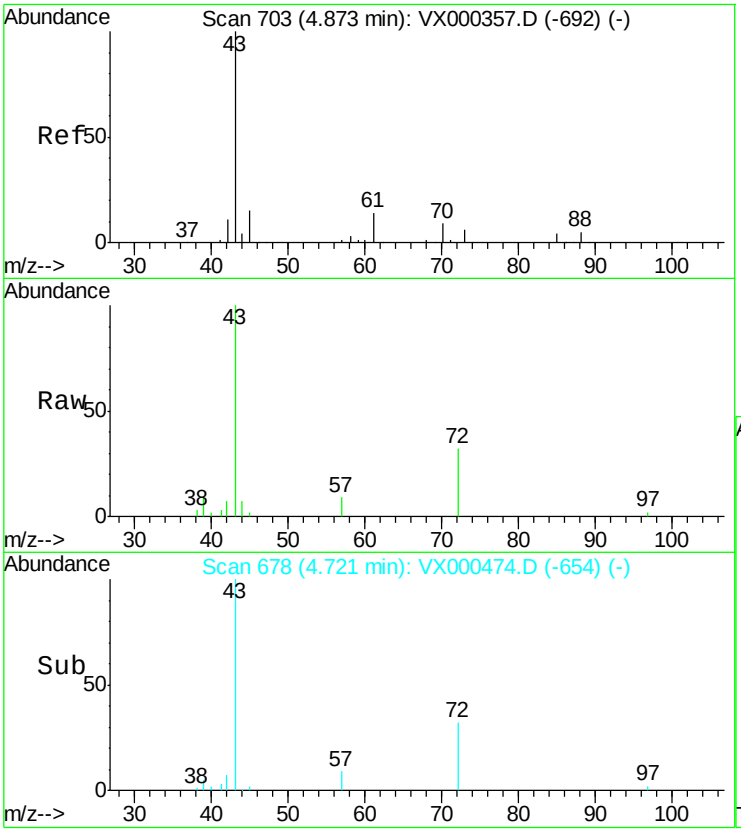




#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 75 Resp: 8478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.5 | 17.9 | 53.7# |
| 77 | 0.3 | 24.0 | 36.0# |



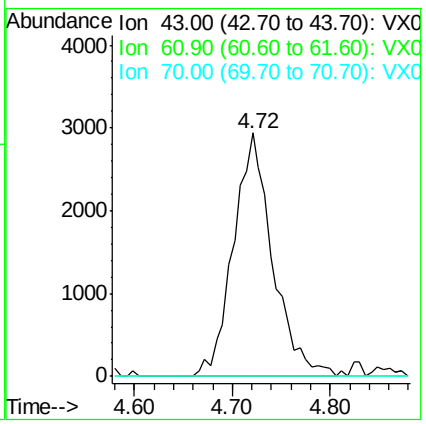


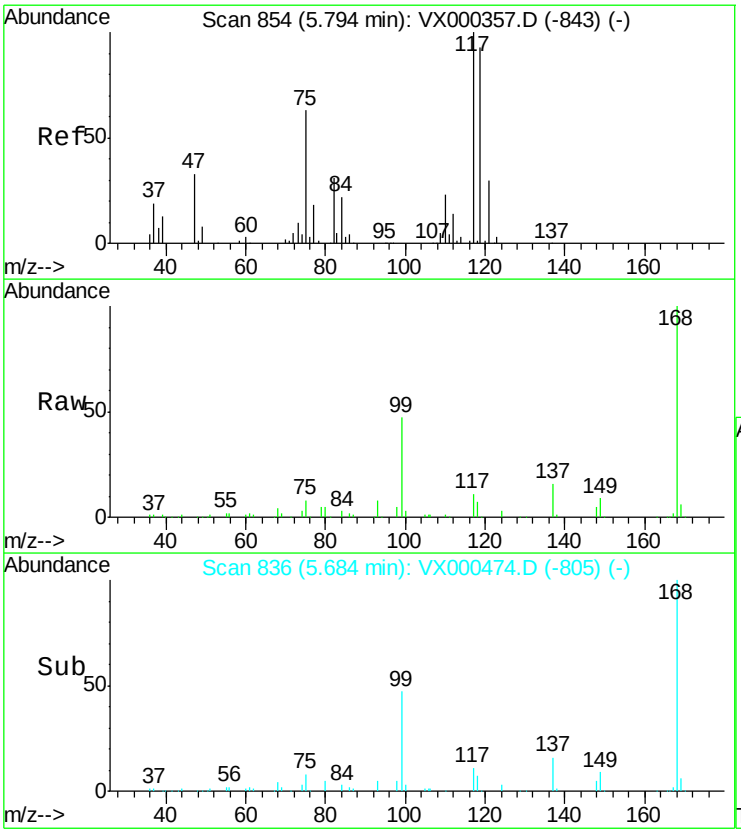

#37
Ethyl Acetate
Concen: 3.29 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.15 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :** MSVOA_X
**ClientSampleId :** 19643

Tgt Ion: 43 Resp: 8160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 11.1 | 16.7# |
| 70 | 0.0 | 7.7 | 11.5# |

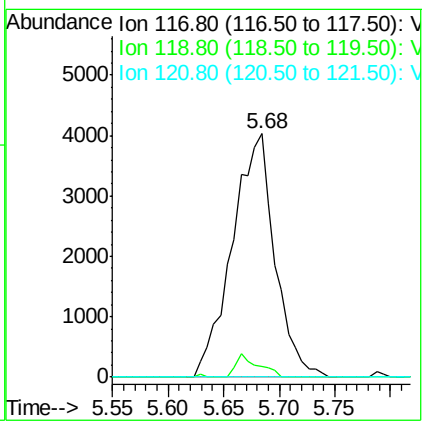


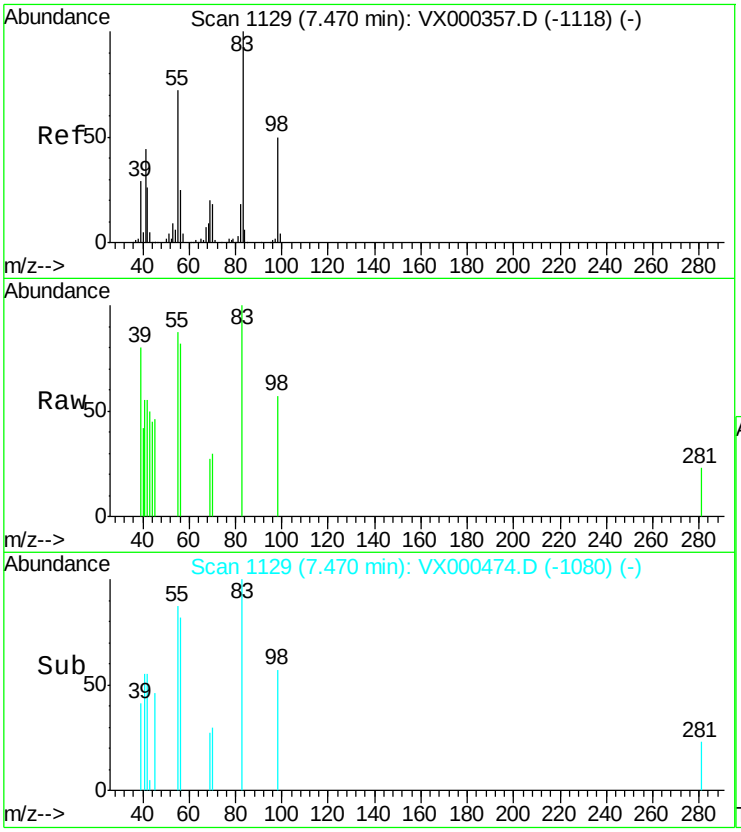




#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 5.68 min Scan# 836
Delta R.T. -0.11 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion:117 Resp: 10720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.3 | 77.4 | 116.2# |
| 121 | 0.0 | 24.8 | 37.2# |



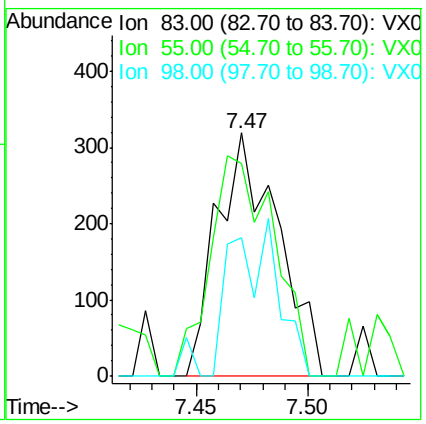


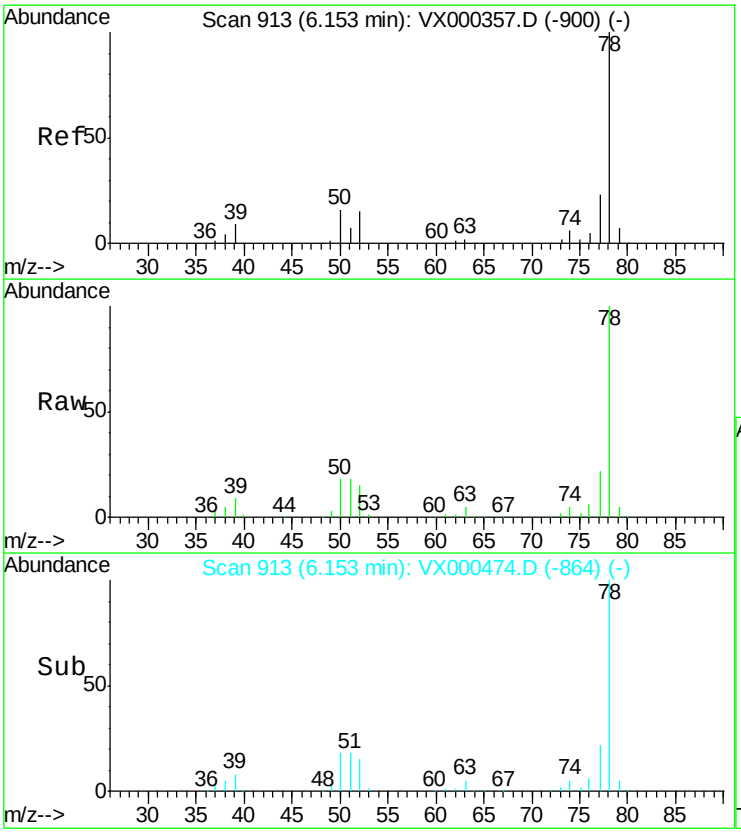

#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :** MSVOA_X
**ClientSampleId :** 19643

Tgt Ion: 83 Resp: 609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 87.5 | 55.5 | 83.3# |
| 98 | 56.7 | 38.2 | 57.4 |

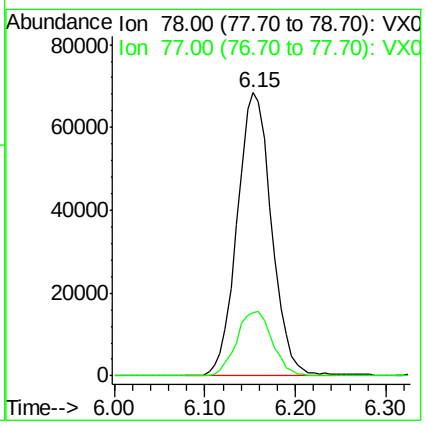


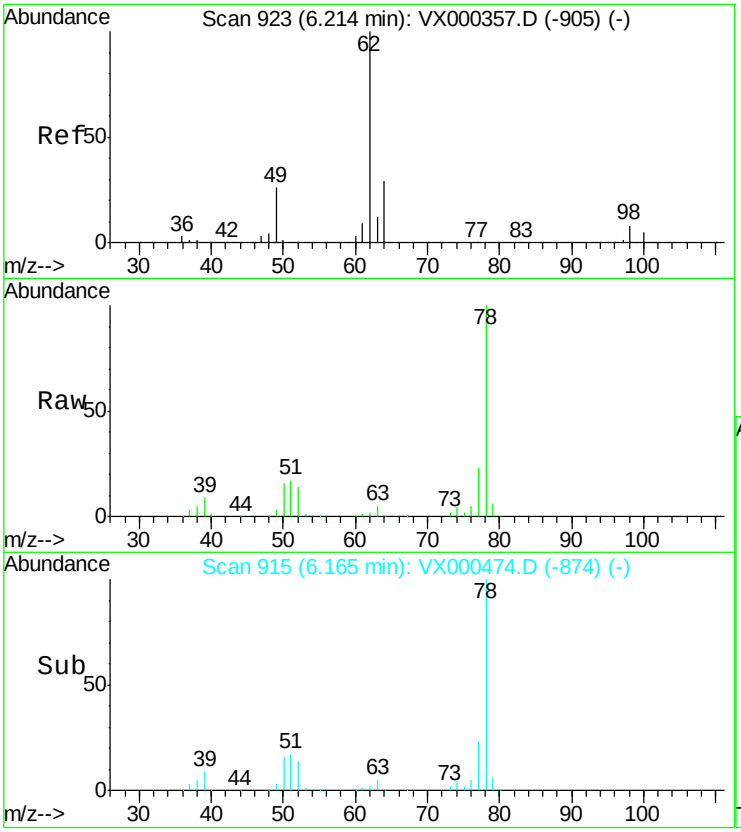




#40
Benzene
Concen: 34.04 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 78 Resp: 179711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.4 | 18.7 | 28.1 |



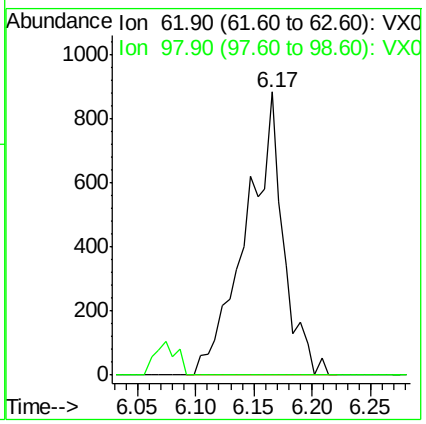


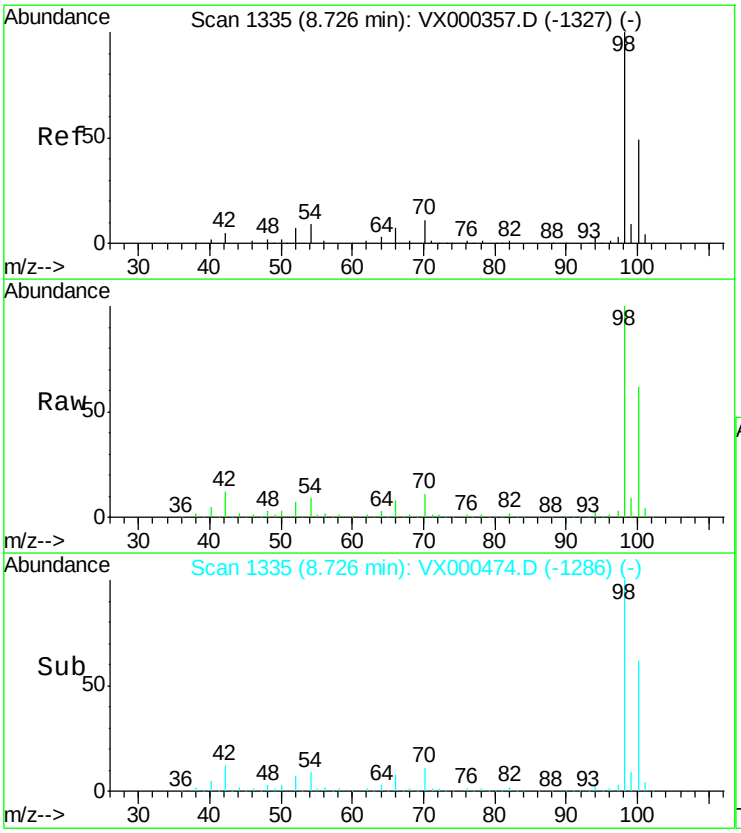

#42
1,2-Dichloroethane
Concen: 0.95 ug/l
RT: 6.17 min Scan# 915
Delta R.T. -0.05 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 62 Resp: 1974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 0.0 | 15.8 |

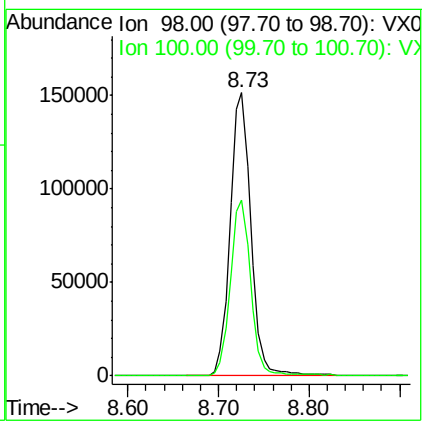


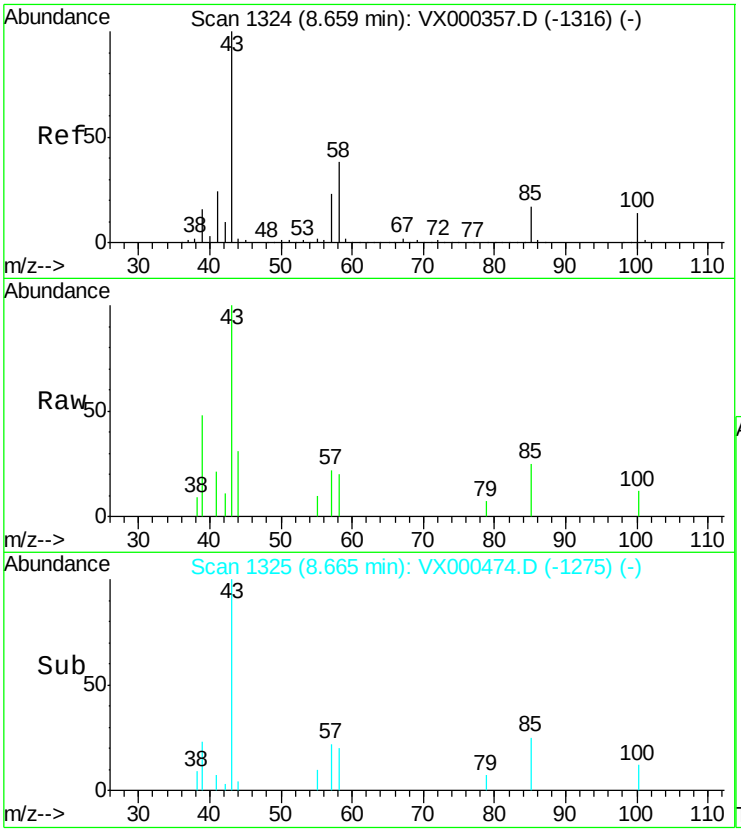




#50
Toluene-d8
Concen: 48.04 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 98 Resp: 243339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 61.3 | 51.2 | 76.8 |



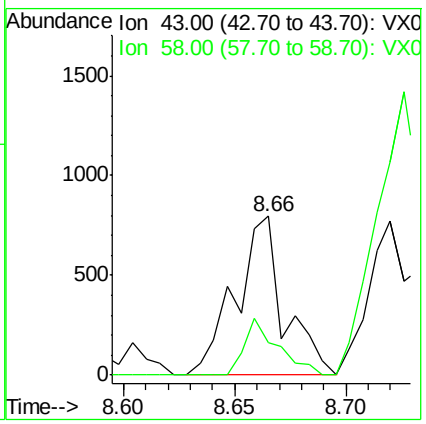


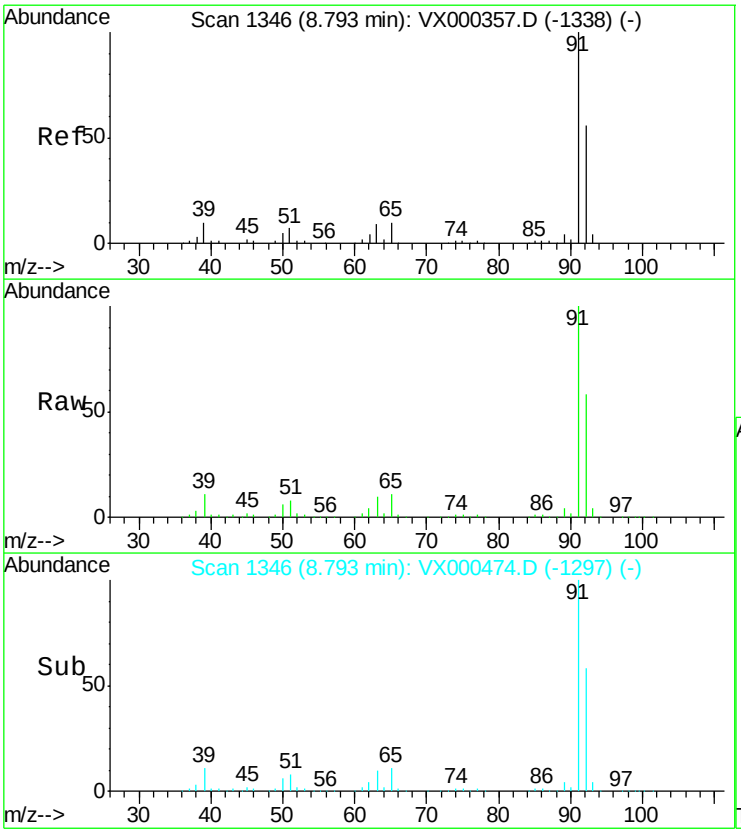

#51
4-Methyl-2-Pentanone
Concen: 0.42 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 43 Resp: 1195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 24.9 | 30.3 | 45.5# |

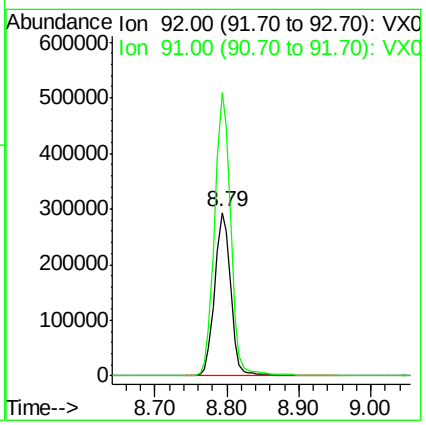


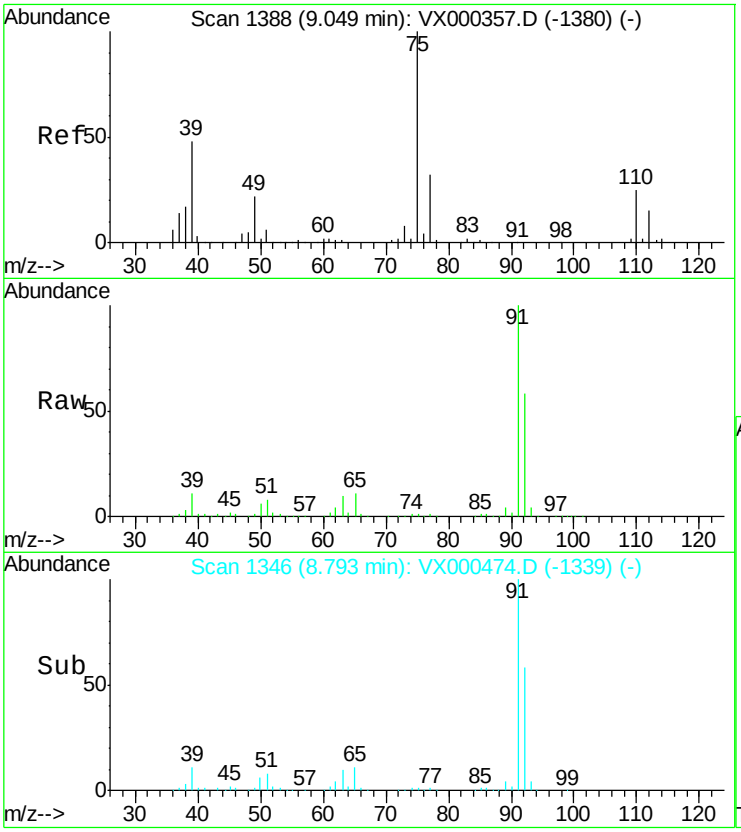




#52
Toluene
Concen: 123.12 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 92 Resp: 454479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.5 | 140.2 | 210.2 |



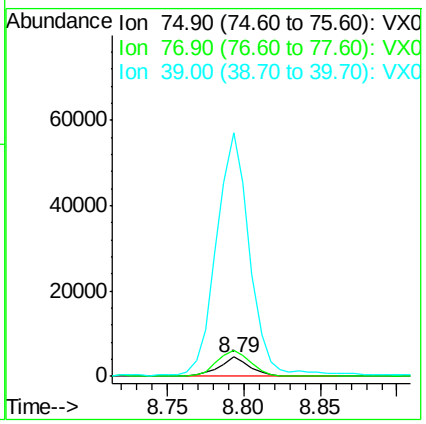


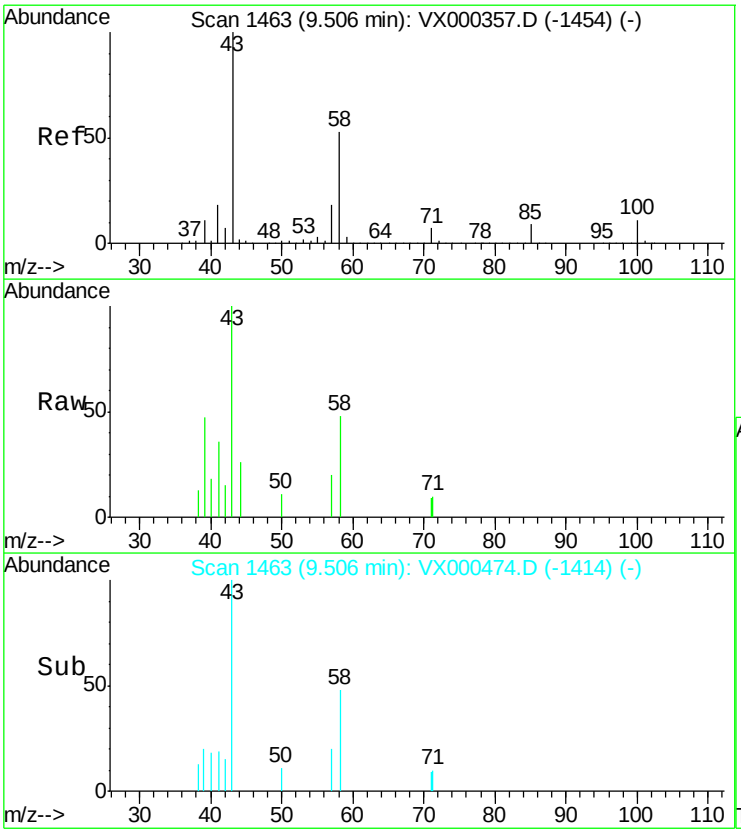

#54
cis-1,3-Dichloropropene
Concen: 2.97 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.26 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 75 Resp: 6224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 132.2 | 26.1 | 39.1# |
| 39 | 1237.0 | 39.8 | 59.6# |

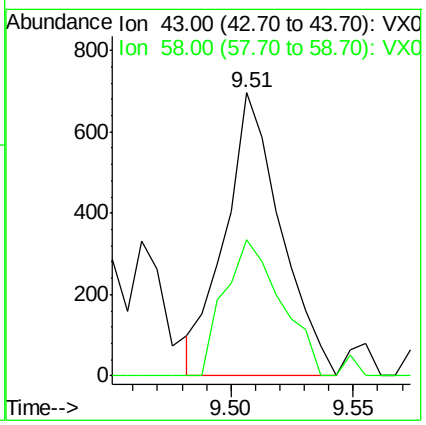


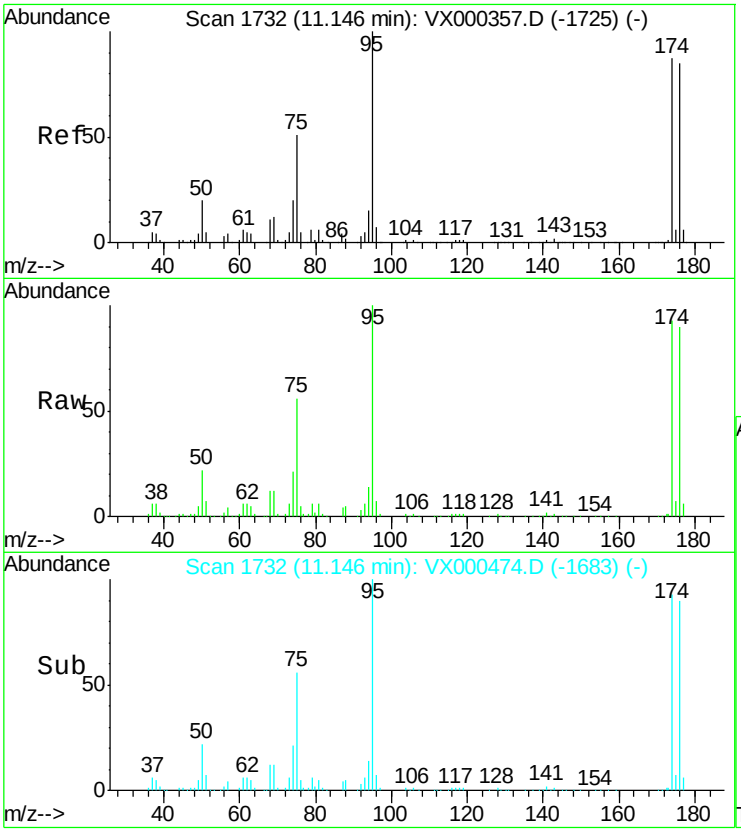




#59
2-Hexanone
Concen: 0.45 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 43 Resp: 1104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 49.0 | 26.6 | 79.7 |



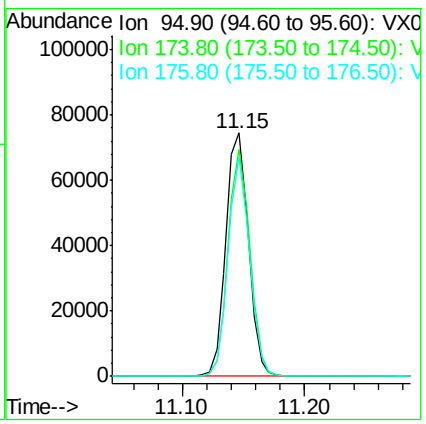


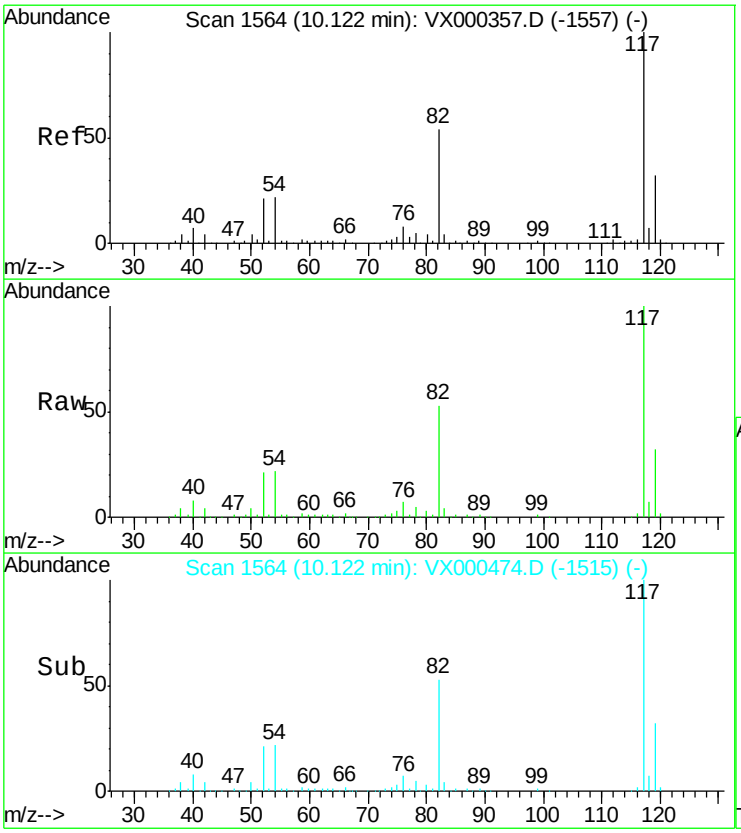

#62
4-Bromofluorobenzene
Concen: 44.99 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 95 Resp: 94790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 89.9 | 0.0 | 173.6 |
| 176 | 86.0 | 0.0 | 164.6 |

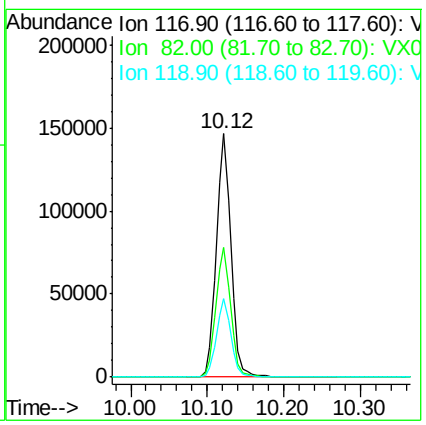


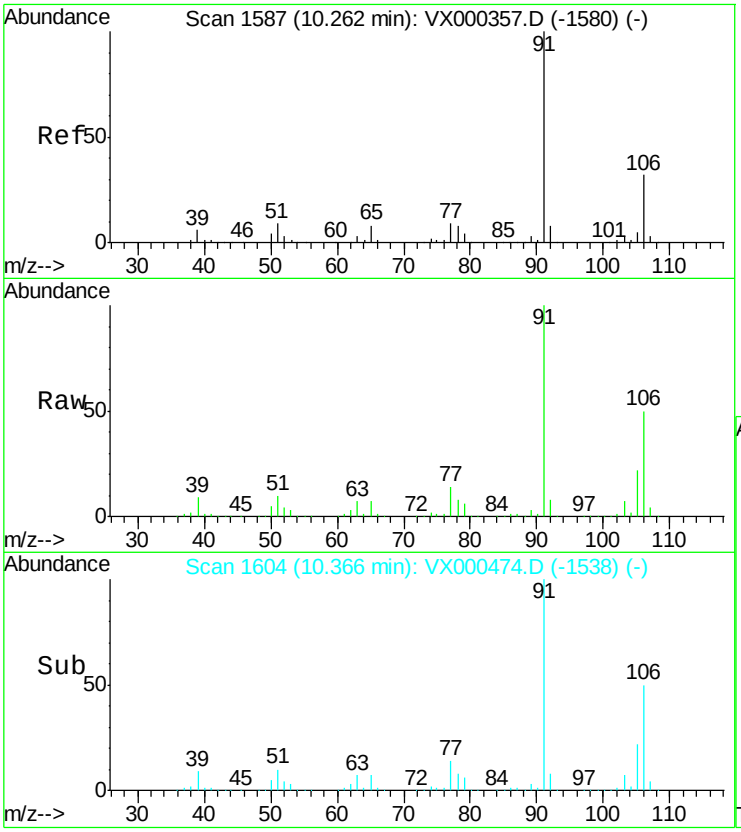




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion:117 Resp: 194013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.4 | 43.8 | 65.8 |
| 119 | 32.4 | 24.9 | 37.3 |



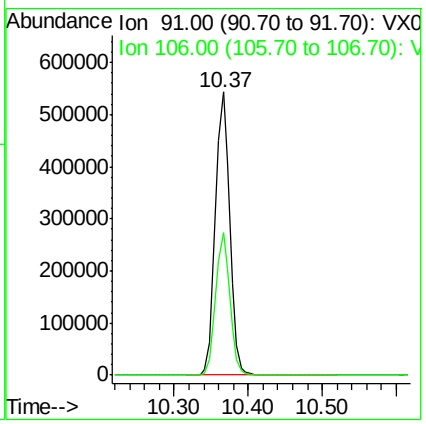


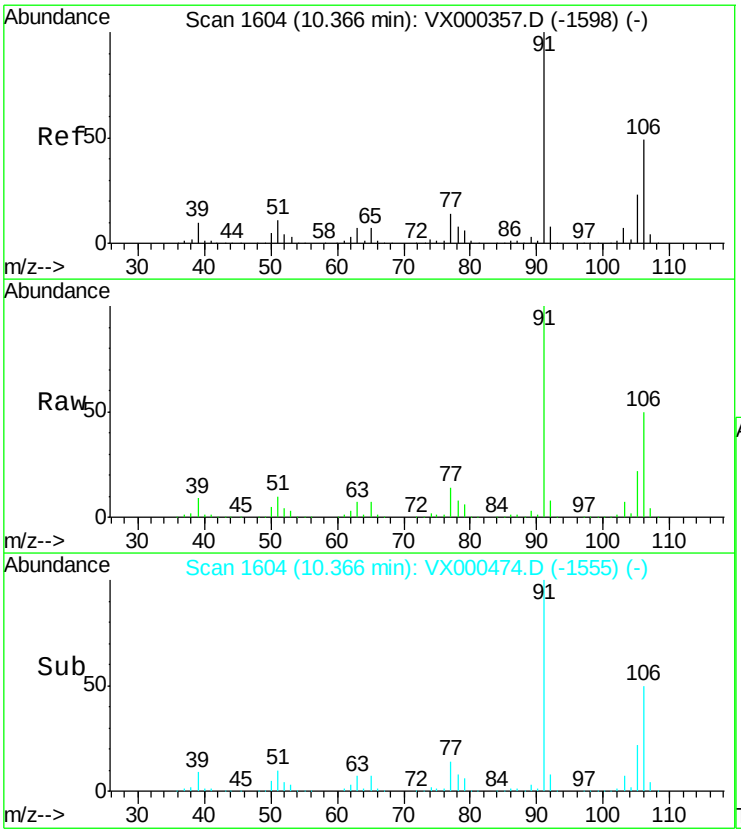

#67
Ethyl Benzene
Concen: 98.70 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.10 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 91 Resp: 722408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 50.4 | 25.0 | 37.6# |

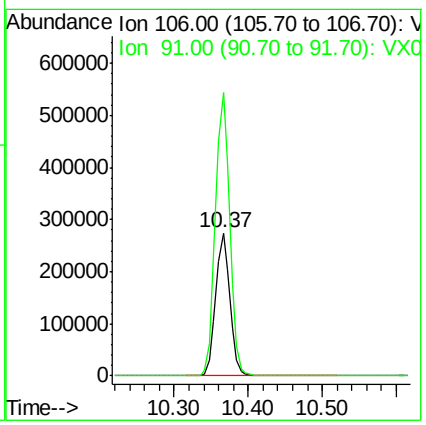


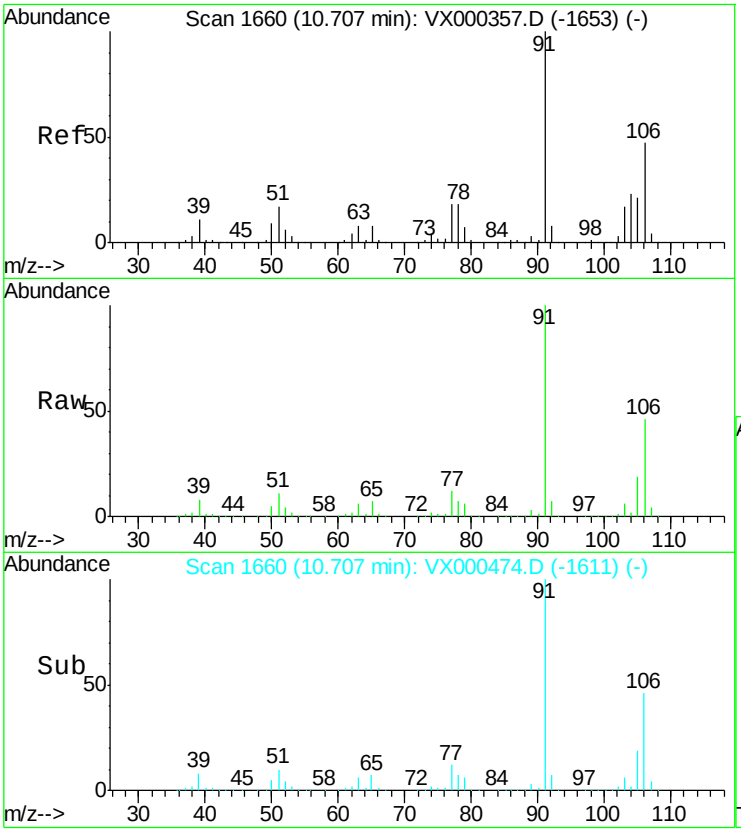




#68
m/p-Xylenes
Concen: 124.23 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion:106 Resp: 357788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.9 | 163.4 | 245.2 |



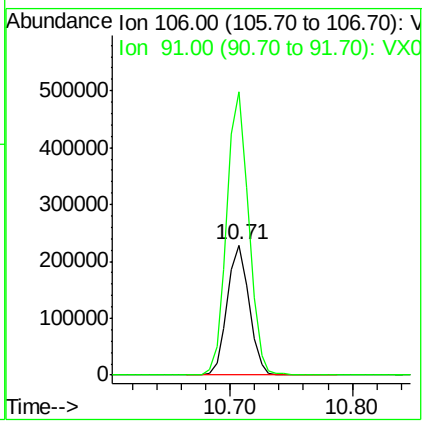


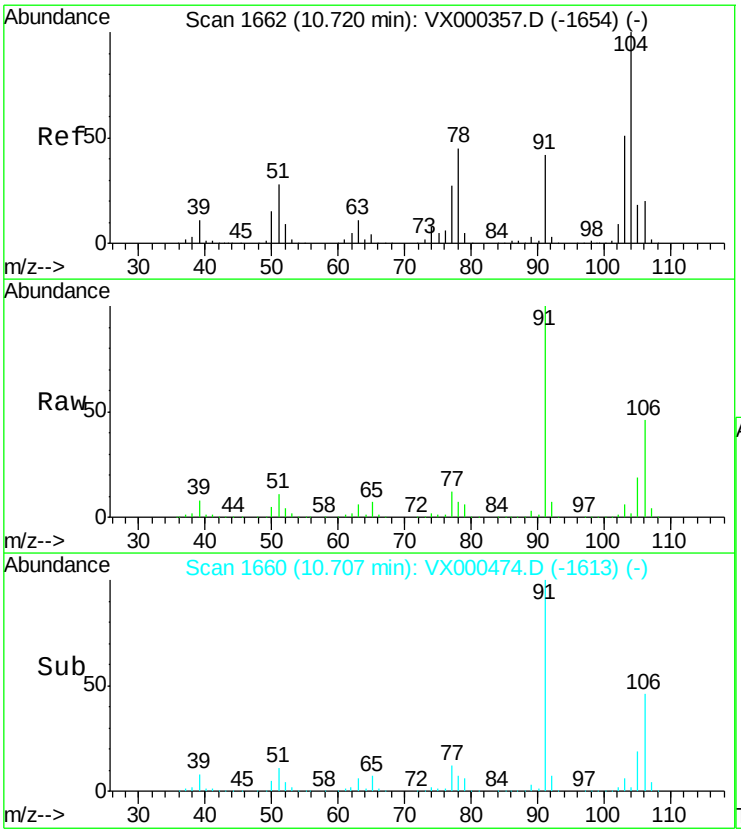

#69
o-Xylene
Concen: 101.25 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion:106 Resp: 282355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 218.6 | 106.5 | 319.6 |

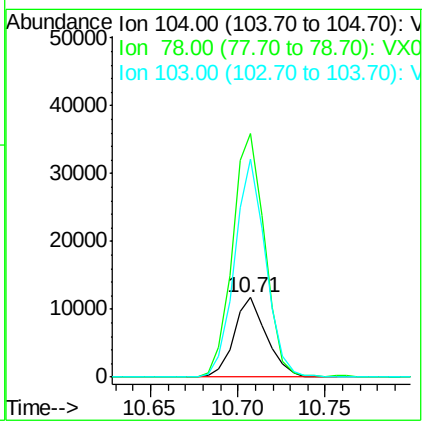


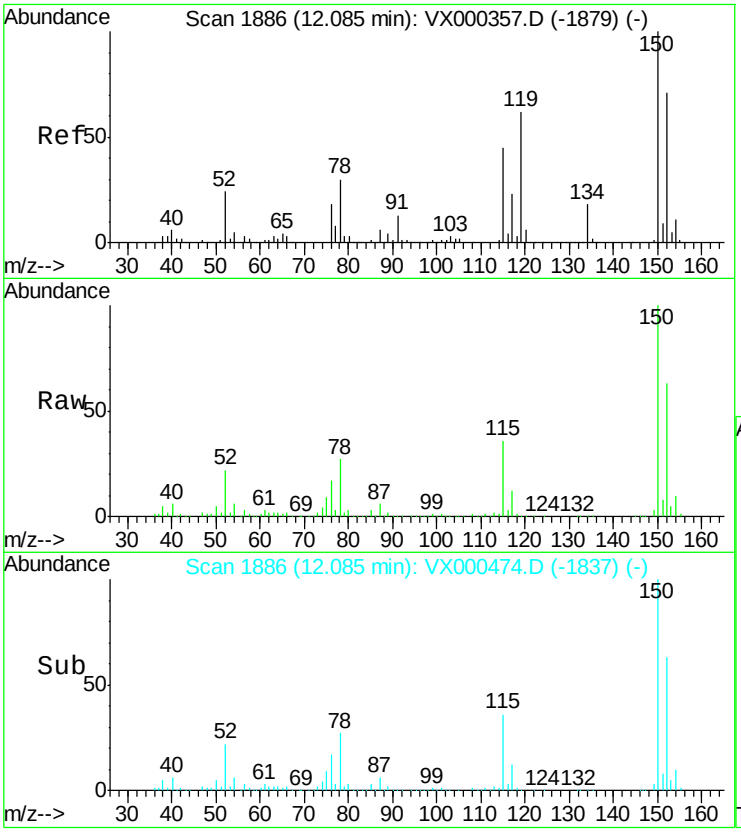




#70
Styrene
Concen: 3.31 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion:104 Resp: 15253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 302.8 | 40.5 | 60.7# |
| 103 | 259.5 | 45.7 | 68.5# |



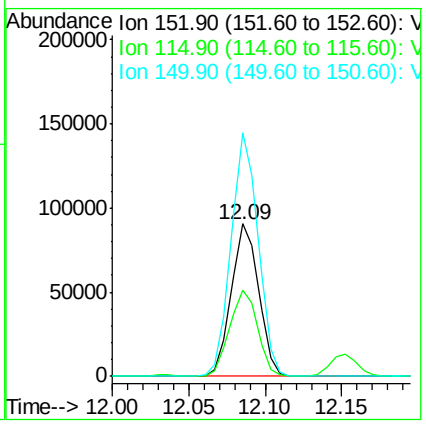


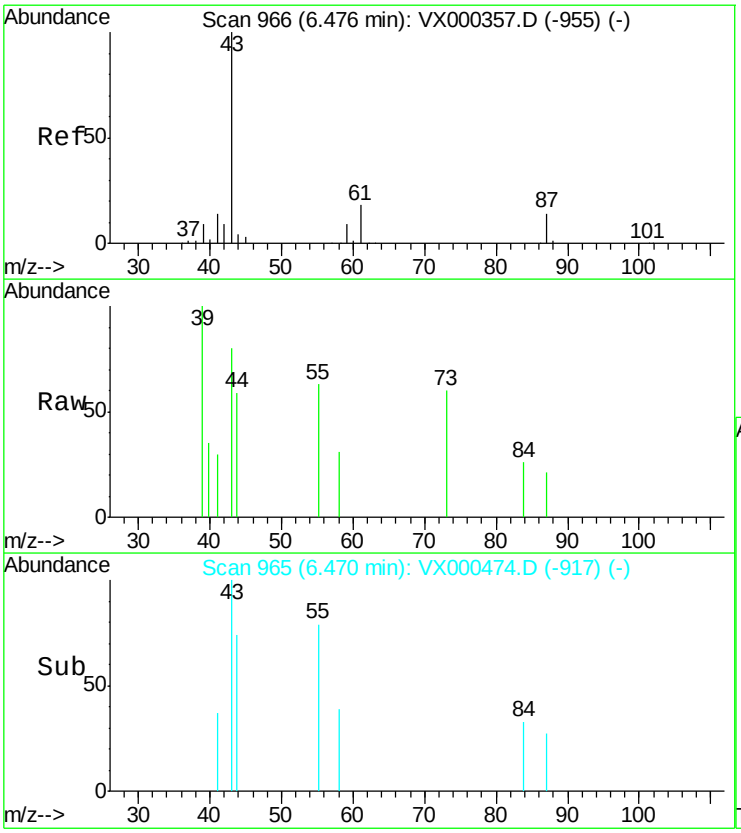

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion:152 Resp: 112492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.1 | 39.8 | 119.3 |
| 150 | 157.7 | 0.0 | 344.4 |

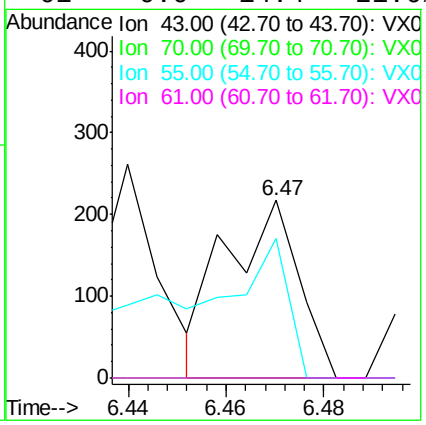


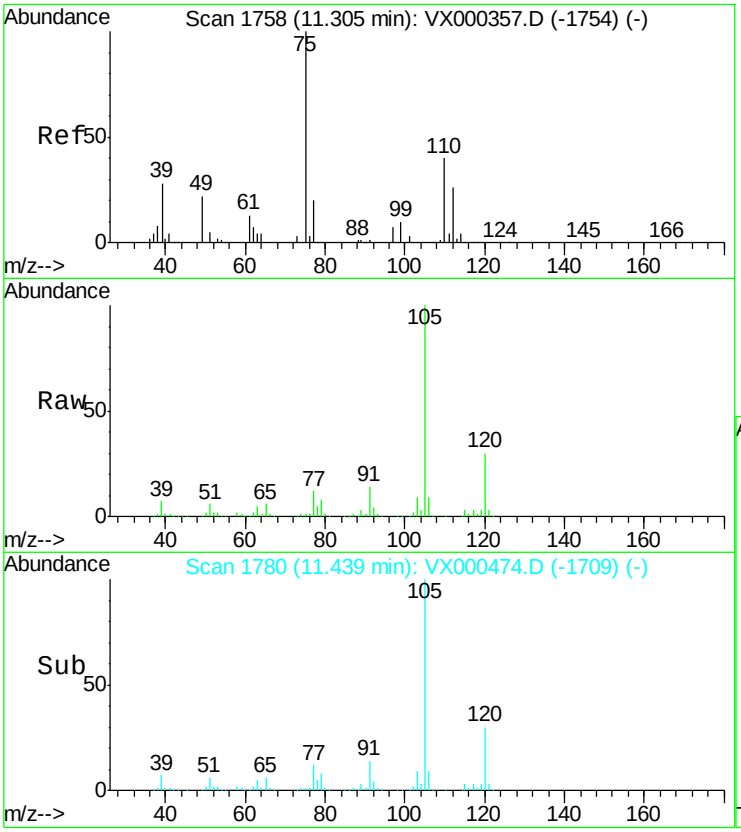




#74
N-amyl acetate
Concen: Below Cal
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 43 Resp: 225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 0.0 | 0.0 |
| 55 | 60.4 | 0.0 | 0.0# |
| 61 | 0.0 | 14.4 | 21.6# |



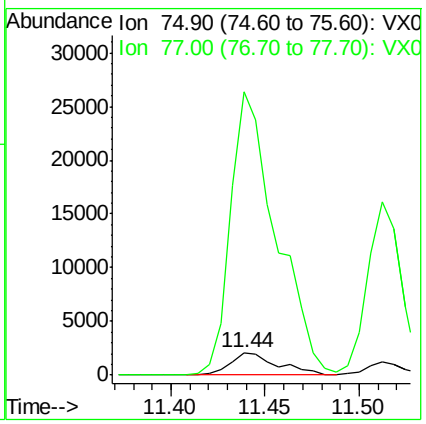


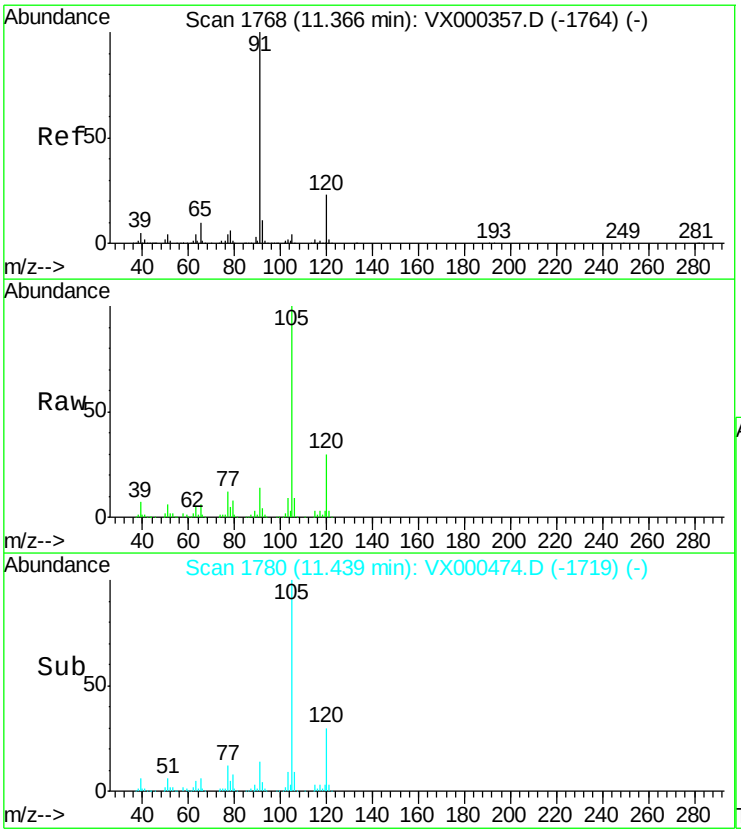

#76
1,2,3-Trichloropropane
Concen: 1.52 ug/l
RT: 11.44 min Scan# 1780
Delta R.T. 0.13 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 75 Resp: 3672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1210.3 | 21.4 | 64.2# |

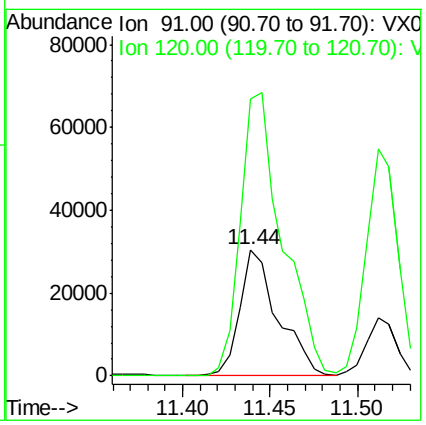


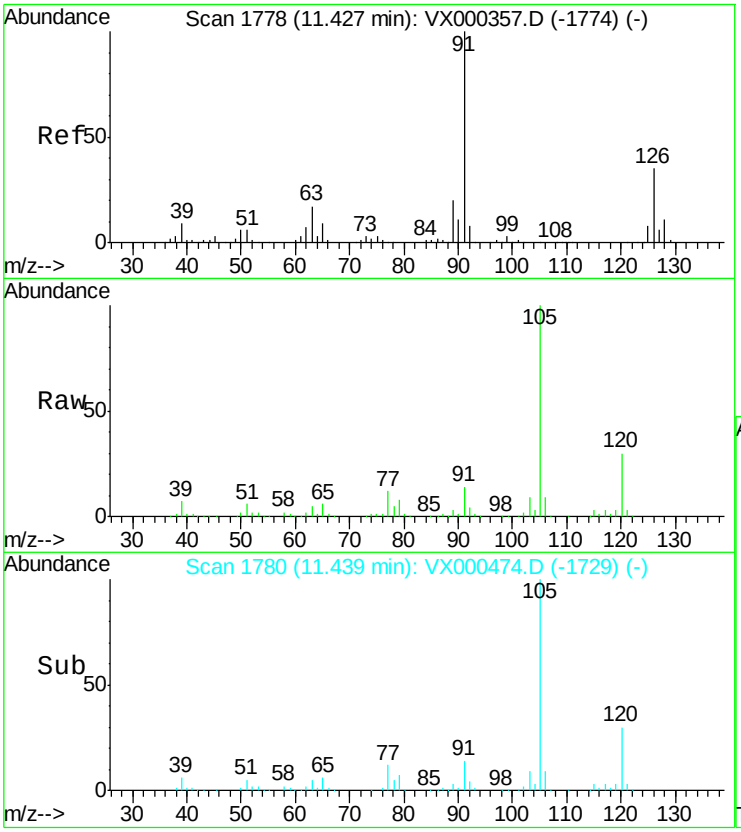




#78
n-propylbenzene
Concen: 5.24 ug/l
RT: 11.44 min Scan# 1780
Delta R.T. 0.07 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 91 Resp: 46540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 245.9 | 11.8 | 35.3# |



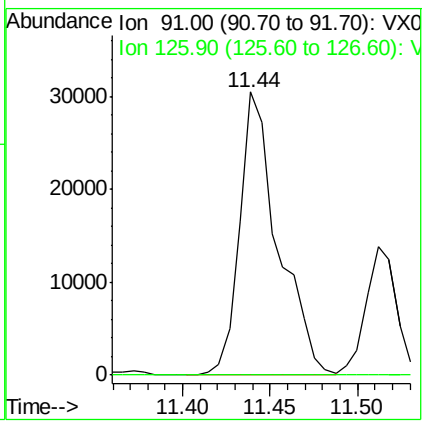


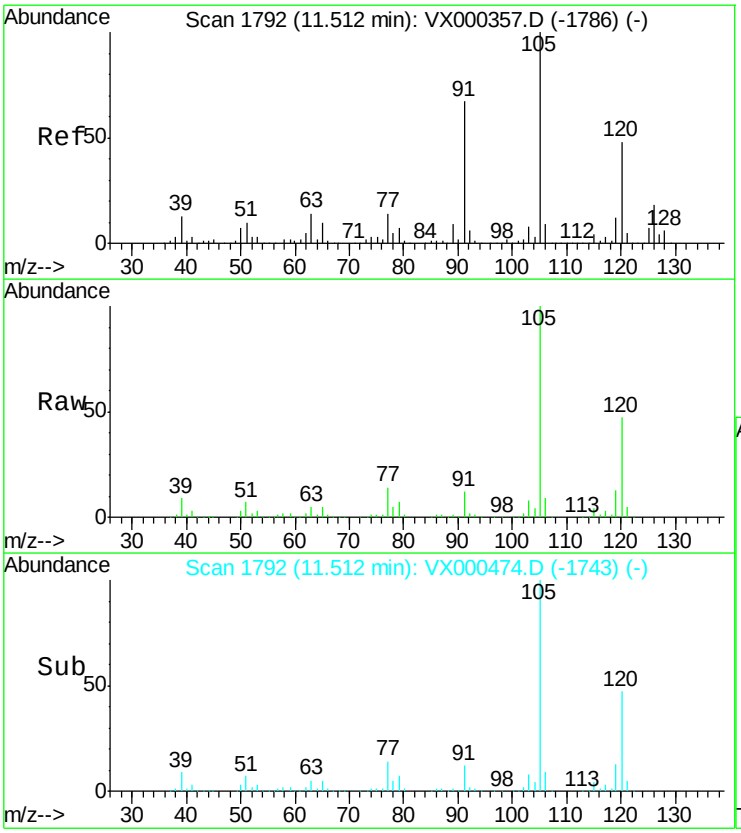

#79
2-Chlorotoluene
Concen: 9.06 ug/l
RT: 11.44 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :** MSVOA_X
**ClientSampleId :** 19643

Tgt Ion: 91 Resp: 46540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 17.7 | 53.1# |

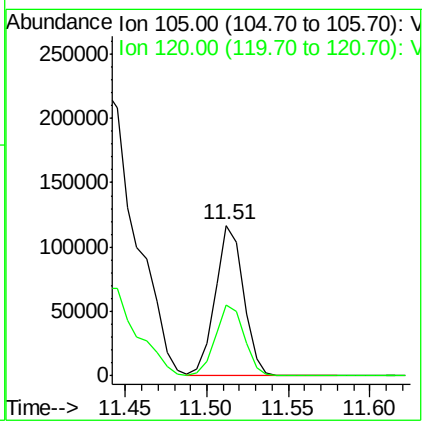


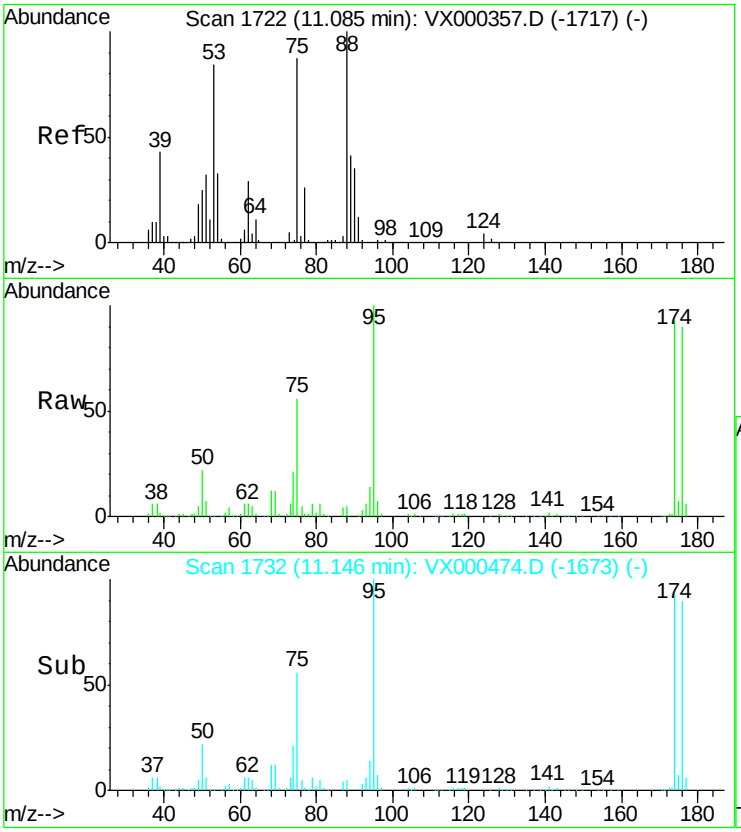




#80
1,3,5-Trimethylbenzene
Concen: 22.74 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion:105 Resp: 142494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.2 | 24.1 | 72.4 |



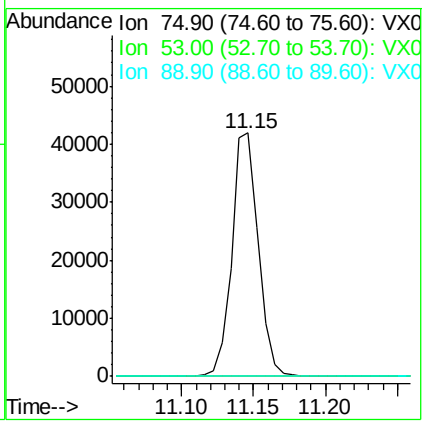


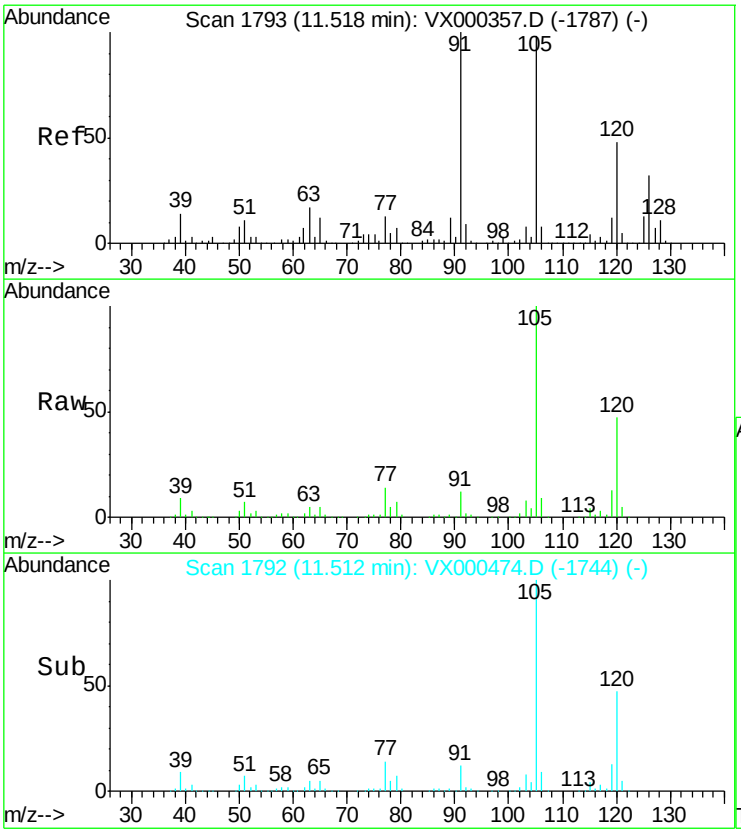

#81
trans-1,4-Dichloro-2-butene
Concen: 71.82 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion: 75 Resp: 53629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.3 | 80.7 | 121.1# |
| 89 | 0.0 | 39.4 | 59.0# |

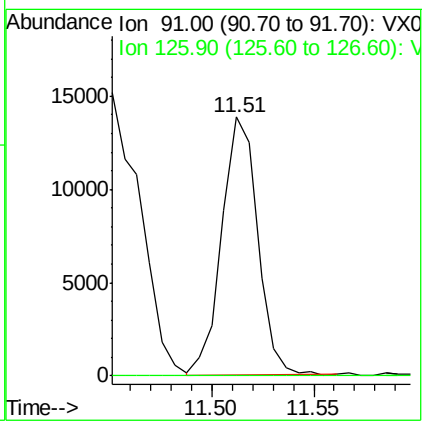


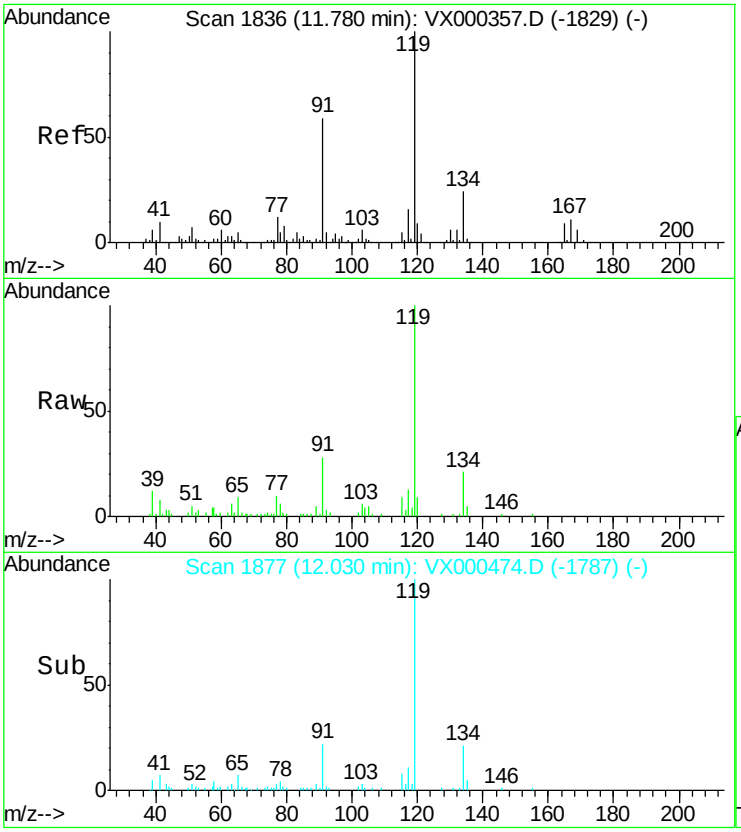




#82
4-Chlorotoluene
Concen: 2.73 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion: 91 Resp: 16749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 15.4 | 46.1# |



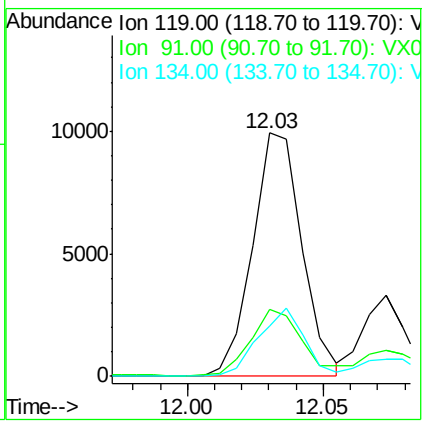


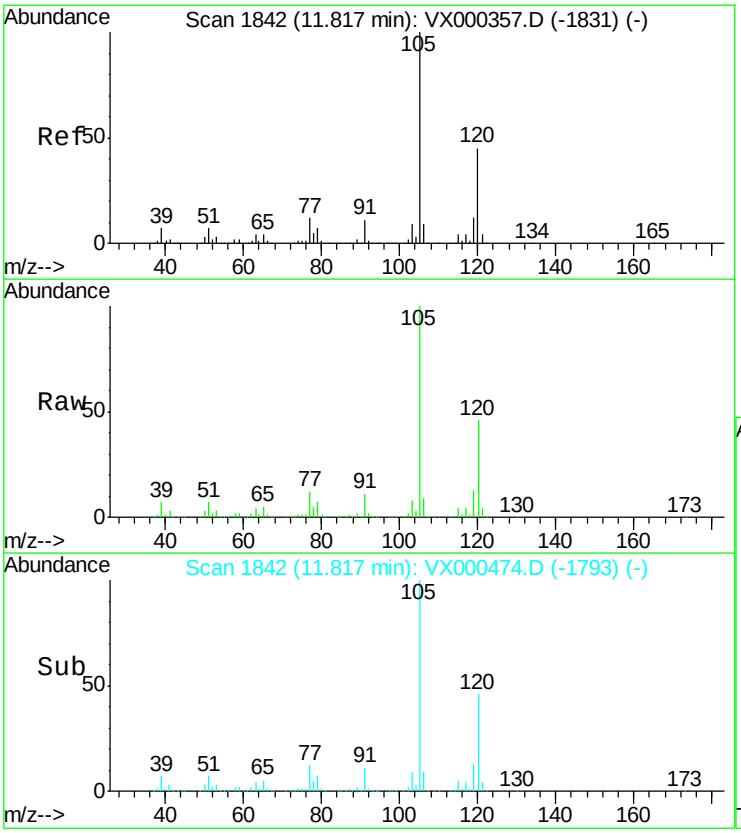

#83
tert-Butylbenzene
Concen: 1.98 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.25 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :** MSVOA_X
**ClientSampleId :** 19643

Tgt Ion:119 Resp: 12539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 29.1 | 28.8 | 86.4 |
| 134 | 25.8 | 11.4 | 34.1 |

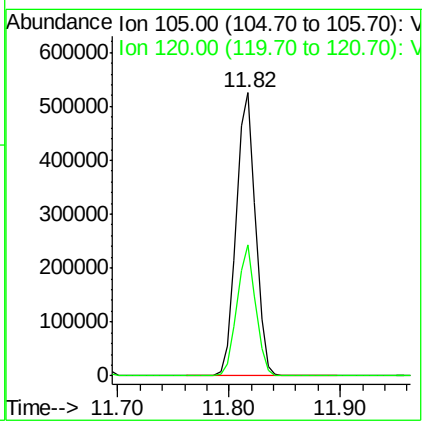


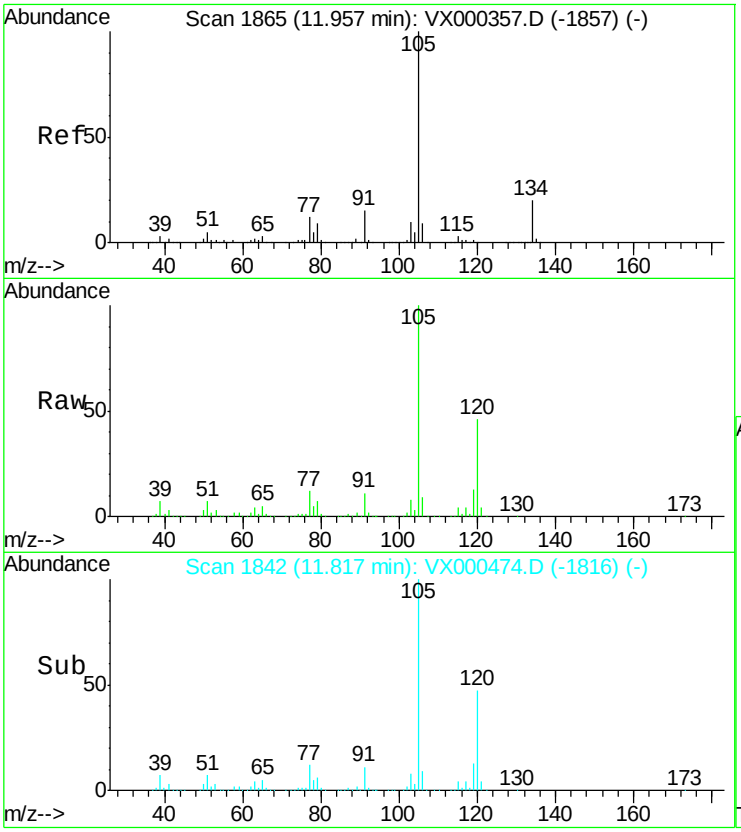




#84
1,2,4-Trimethylbenzene
Concen: 95.66 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion:105 Resp: 628513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.8 | 22.4 | 67.3 |



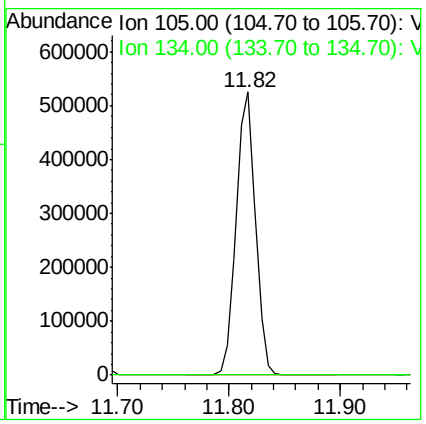


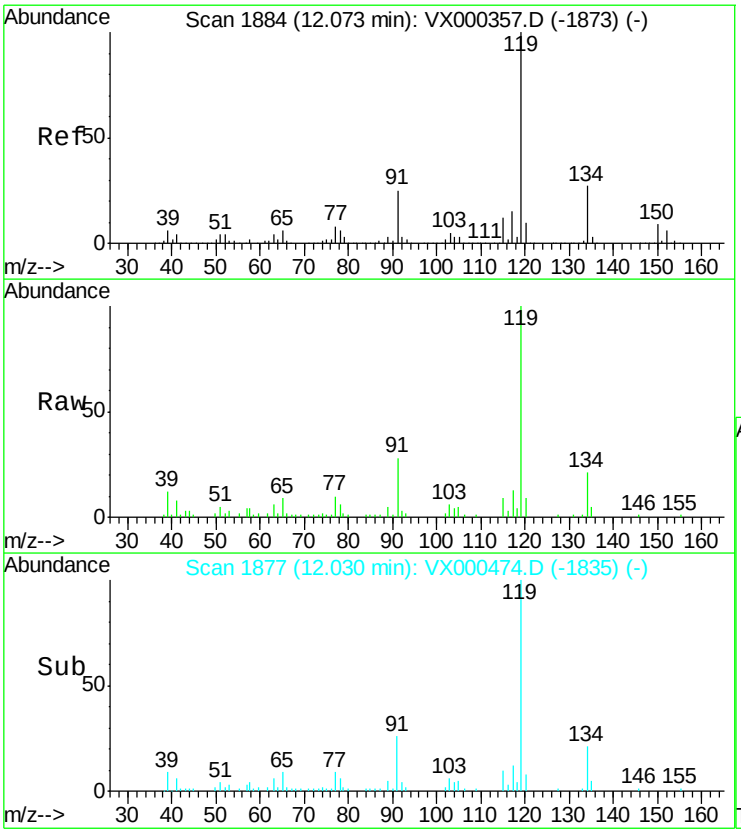

#85
sec-Butylbenzene
Concen: 80.37 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.14 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :**
MSVOA_X
**ClientSampleId :**
19643

Tgt Ion:105 Resp: 628513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 0.0 | 10.3 | 30.8# |

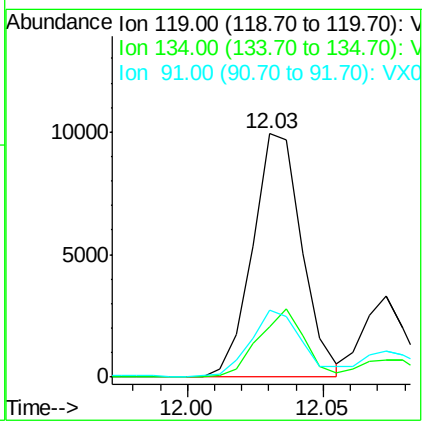


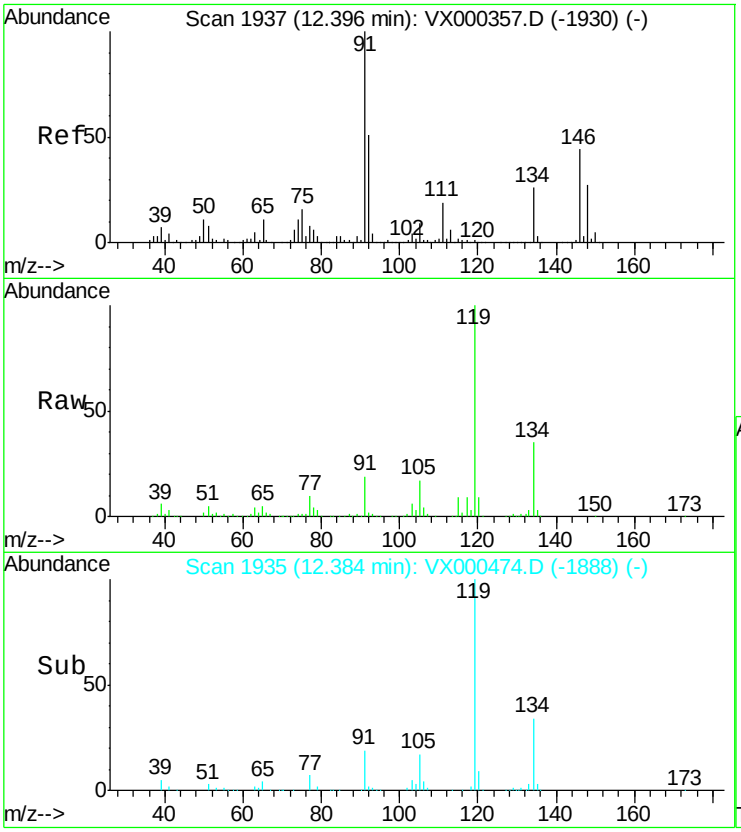




#86
p-Isopropyltoluene
Concen: 1.81 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.04 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion:119 Resp: 12539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.8 | 13.3 | 39.9 |
| 91 | 30.3 | 12.0 | 36.1 |



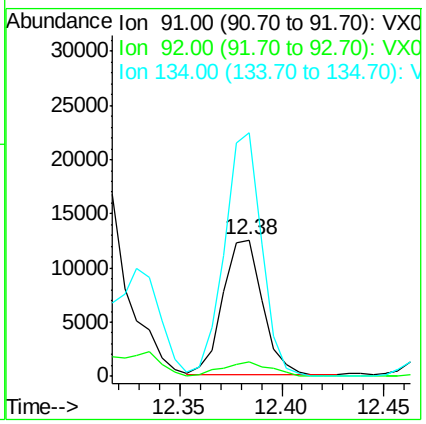


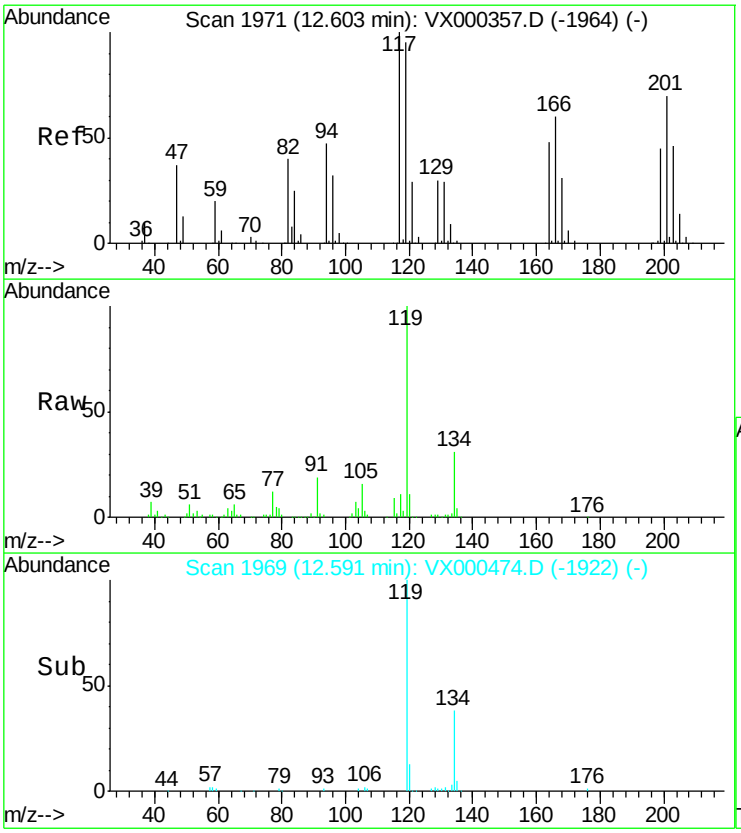

#89
n-Butylbenzene
Concen: 2.60 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :** MSVOA_X
**ClientSampleId :** 19643

Tgt Ion: 91 Resp: 16815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 13.0 | 25.9 | 77.8# |
| 134 | 168.7 | 13.1 | 39.3# |

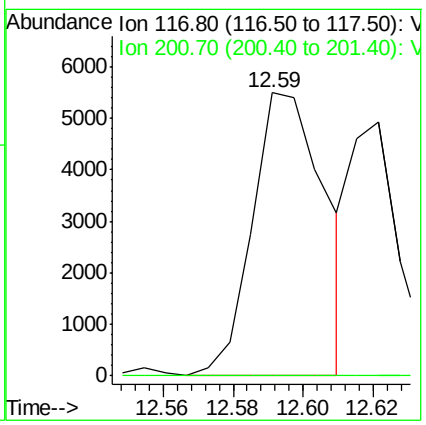


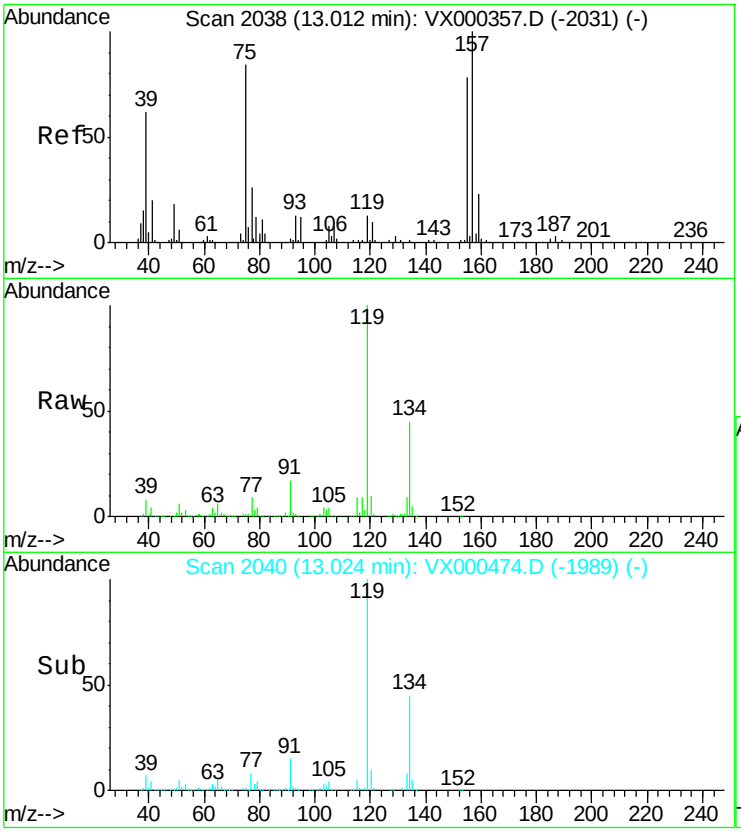




#90
Hexachloroethane
Concen: 7.24 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion:117 Resp: 7919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 37.9 | 113.6# |



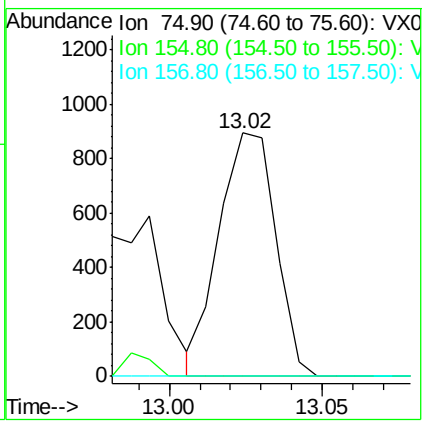


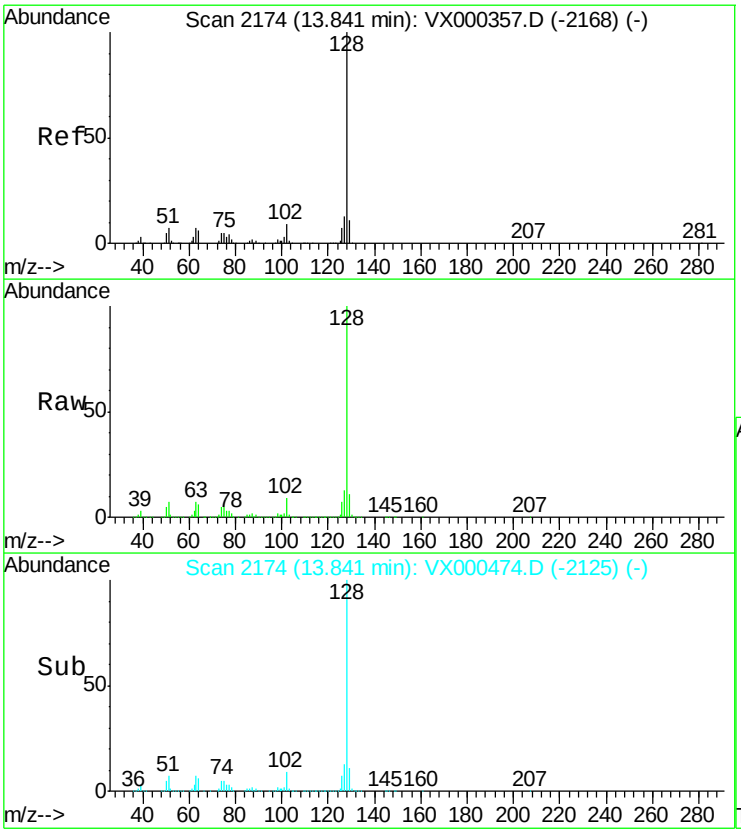

#92
1,2-Dibromo-3-Chloropropane
Concen: 1.56 ug/l
RT: 13.02 min Scan# 2040
Delta R.T. 0.01 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

**Instrument :** MSVOA_X
**ClientSampleId :** 19643

Tgt Ion: 75 Resp: 1147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 45.0 | 134.8# |
| 157 | 0.0 | 58.1 | 174.2# |




#95
Naphthalene
Concen: 82.40 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000474.D
Acq: 27 Mar 2018 22:01

Tgt Ion:128 Resp: 757424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 10.6 | 15.8 |
| 129 | 10.9 | 8.9 | 13.3 |