Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010495.D
Acq On : 27 Jun 2019 17:40
Operator : JC/SP
Sample : K3565-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jun 28 06:49:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.67 | 168 | 262940 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 402046 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 375744 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 185192 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 122475 | 49.68 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.36% | | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 122672 | 49.87 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.74% | | | | |
| 50) Toluene-d8 | 8.71 | 98 | 480392 | 51.05 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.10% | | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 167559 | 49.32 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.64% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.33 | 50 | 961 | 0.451 | ug/l | | 100 |
| 5) Bromomethane | 1.65 | 94 | 454 | 0.400 | ug/l | # | 64 |
| 6) Chloroethane | 1.69 | 64 | 393 | 0.286 | ug/l | # | 42 |
| 11) Tert butyl alcohol | 3.07 | 59 | 175 | 0.271 | ug/l | # | 74 |
| 13) Acrolein | 2.30 | 56 | 231 | 0.540 | ug/l | # | 14 |
| 14) Allyl chloride | 2.84 | 41 | 5520 | 1.706 | ug/l | # | 65 |
| 15) Acrylonitrile | 3.18 | 53 | 1378 | 1.079 | ug/l | # | 42 |
| 16) Acetone | 2.44 | 43 | 3467 | 2.806 | ug/l | | 97 |
| 18) Methyl Acetate | 2.85 | 43 | 14819 | 6.018 | ug/l | # | 48 |
| 25) 2-Butanone | 4.70 | 43 | 1462 | 0.807 | ug/l | # | 87 |
| 31) Cyclohexane | 5.59 | 56 | 68046 | 19.109 | ug/l | | 98 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 16119 | 5.045 | ug/l | # | 47 |
| 38) Carbon Tetrachloride | 5.67 | 117 | 23084 | 6.672 | ug/l | # | 16 |
| 39) Methylcyclohexane | 7.46 | 83 | 113988 | 27.143 | ug/l | | 97 |
| 40) Benzene | 6.15 | 78 | 4332 | 0.435 | ug/l | | 97 |
| 43) Isopropyl Acetate | 6.46 | 43 | 1406 | 0.259 | ug/l | # | 67 |
| 48) Methyl methacrylate | 7.74 | 41 | 4994 | 1.976 | ug/l | # | 53 |
| 49) 1,4-Dioxane | 7.69 | 88 | 25 | 0.343 | ug/l | # | 1 |
| 51) 4-Methyl-2-Pentanone | 8.67 | 43 | 5407 | 1.555 | ug/l | # | 34 |
| 52) Toluene | 8.78 | 92 | 1497 | 0.228 | ug/l | | 91 |
| 55) 1,1,2-Trichloroethane | 9.16 | 97 | 17987 | 6.654 | ug/l | # | 19 |
| 56) Ethyl methacrylate | 9.16 | 69 | 3758 | 0.918 | ug/l | # | 1 |
| 59) 2-Hexanone | 9.45 | 43 | 6110 | 2.232 | ug/l | # | 29 |
| 67) Ethyl Benzene | 10.25 | 91 | 998771 | 77.555 | ug/l | | 100 |
| 68) m/p-Xylenes | 10.36 | 106 | 1073109 | 215.051 | ug/l | | 99 |
| 69) o-Xylene | 10.69 | 106 | 7321 | 1.492 | ug/l | | 90 |
| 73) Isopropylbenzene | 11.02 | 105 | 202286 | 16.114 | ug/l | | 100 |
| 74) N-amyl acetate | 10.91 | 43 | 2158 | 0.455 | ug/l | # | 1 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 3043 | 0.732 | ug/l | # | 45 |
| 76) 1,2,3-Trichloropropane | 11.43 | 75 | 14897 | 4.414 | ug/l | # | 1 |
| 78) n-propylbenzene | 11.36 | 91 | 286180 | 20.742 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.43 | 91 | 224329 | 27.305 | ug/l | # | 38 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 875445 | 84.592 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 80761 | 55.830 | ug/l | # | 16 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062719\
Data File : VX010495.D
Acq On : 27 Jun 2019 17:40
Operator : JC/SP
Sample : K3565-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jun 28 06:49:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 82) 4-Chlorotoluene | 11.51 | 91 | 90829 | 9.716 | ug/l | # | 42 |
| 83) tert-Butylbenzene | 11.77 | 119 | 9866 | 0.950 | ug/l | | 87 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 1595290 | 153.429 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.80 | 105 | 1595290 | 130.805 | ug/l | # | 55 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 61936 | 5.490 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.37 | 91 | 38408 | 4.007 | ug/l | # | 1 |
| 90) Hexachloroethane | 12.58 | 117 | 15052 | 7.717 | ug/l | # | 5 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.02 | 75 | 1382 | 1.542 | ug/l | # | 1 |
| 95) Naphthalene | 13.83 | 128 | 596153 | 45.999 | ug/l | | 100 |

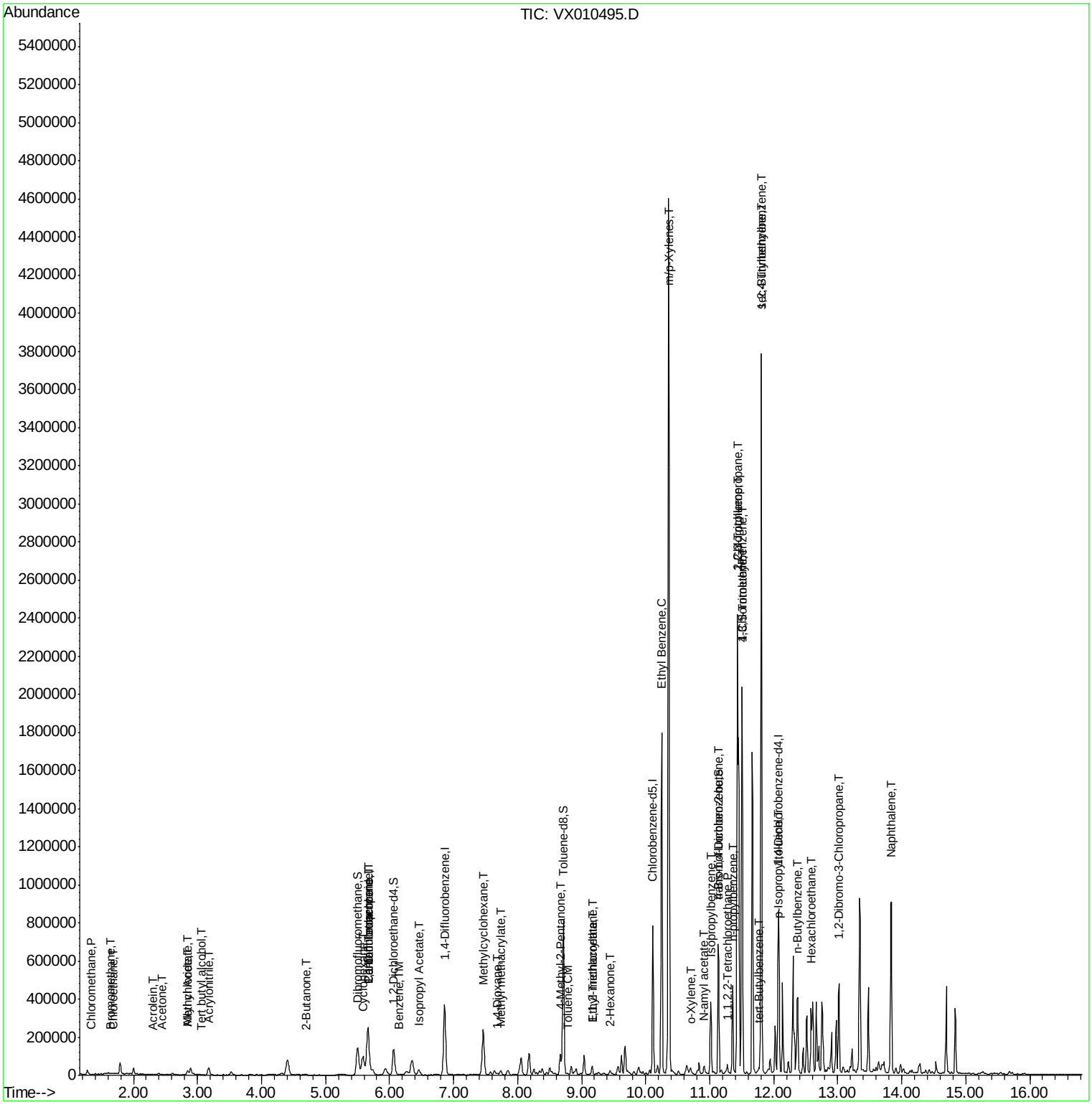
(#) = qualifier out of range (m) = manual integration (+) = signals summed

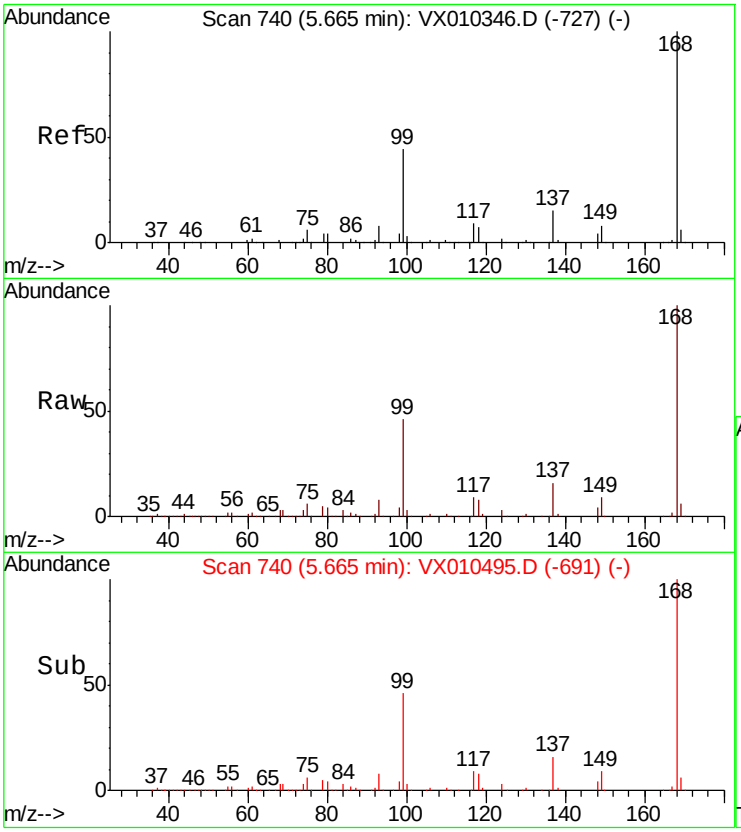
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
Data File : VX010495.D
Acq On : 27 Jun 2019 17:40
Operator : JC/SP
Sample : K3565-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jun 28 06:49:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



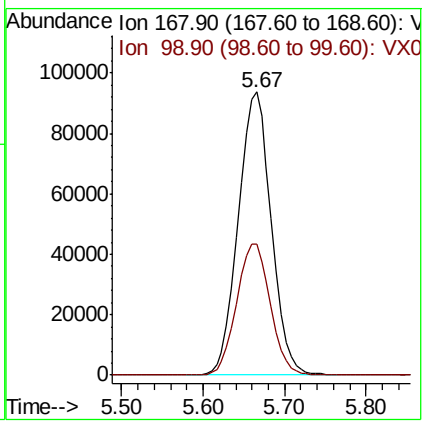


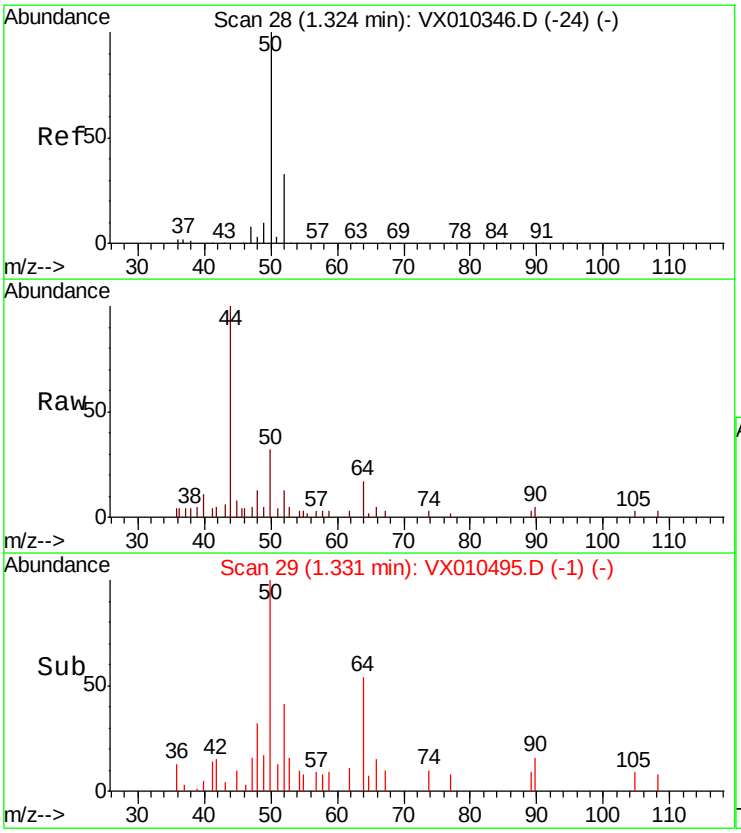

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion:168 Resp: 262940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 46.4 | 35.5 | 53.3 |

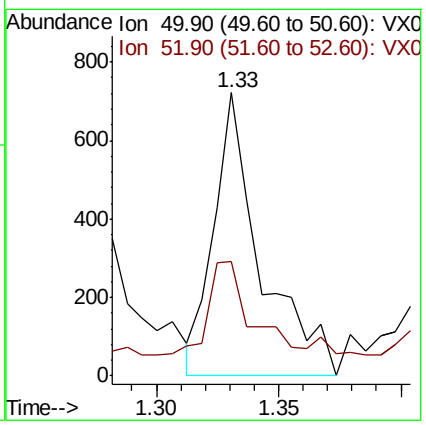


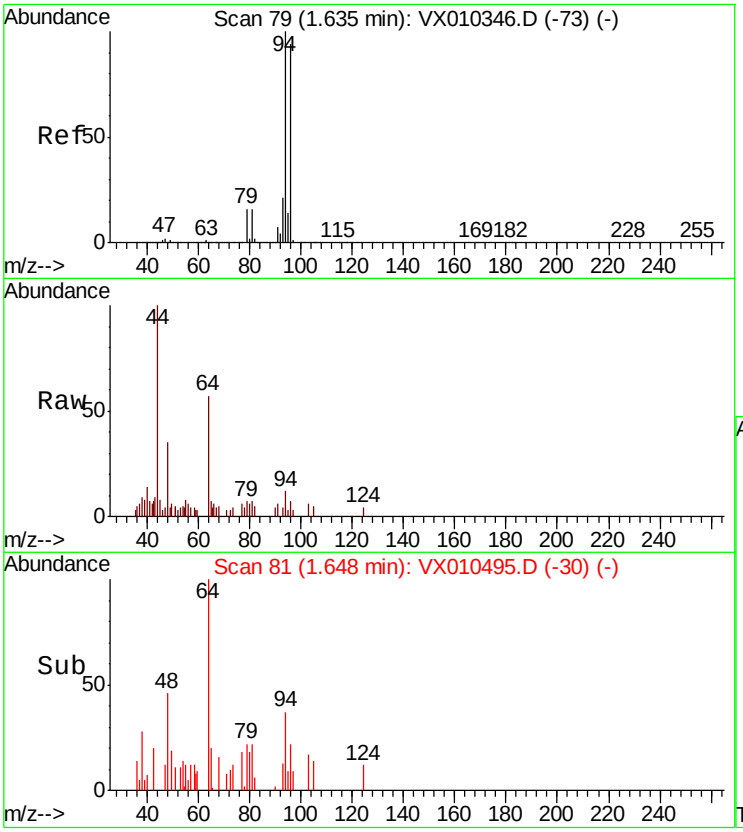




#3
Chloromethane
Concen: 0.451 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 50 Resp: 961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.8 | 26.5 | 39.7 |



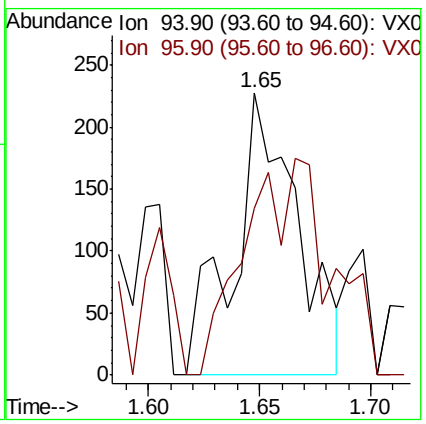


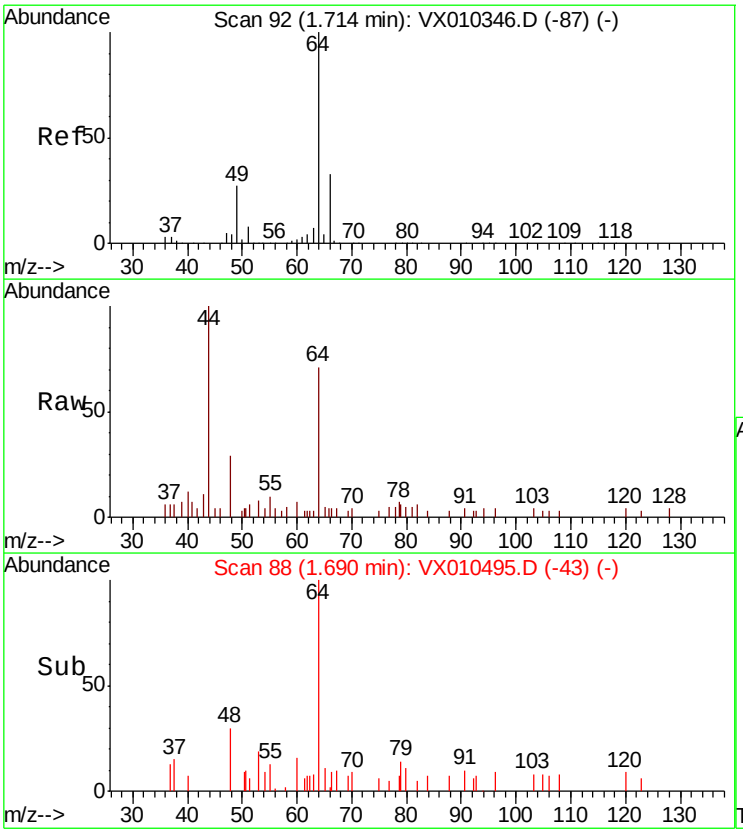

#5
Bromomethane
Concen: 0.400 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 94 Resp: 454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 59.2 | 75.5 | 113.3# |

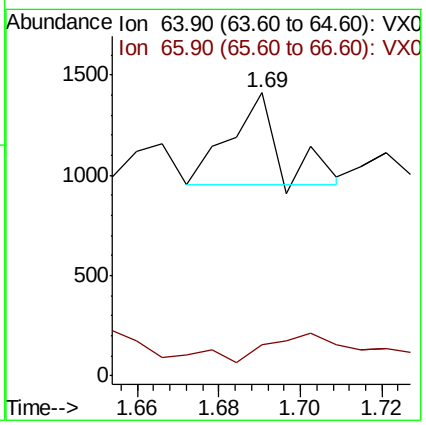


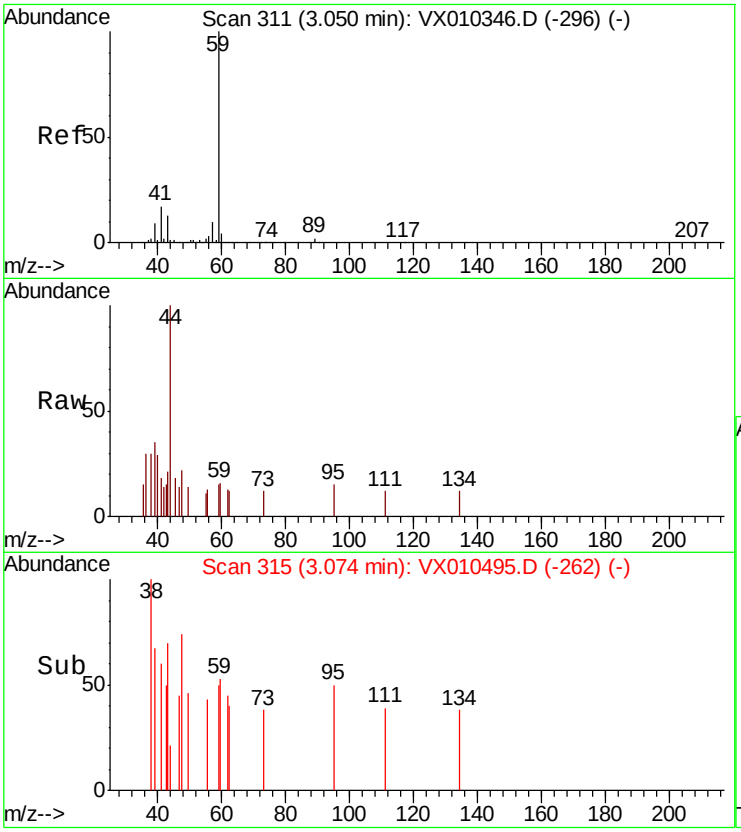




#6
Chloroethane
Concen: 0.286 ug/l
RT: 1.69 min Scan# 88
Delta R.T. -0.02 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 64 Resp: 393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.4 | 26.6 | 40.0# |



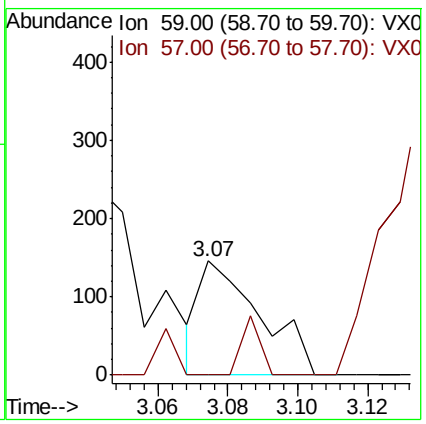


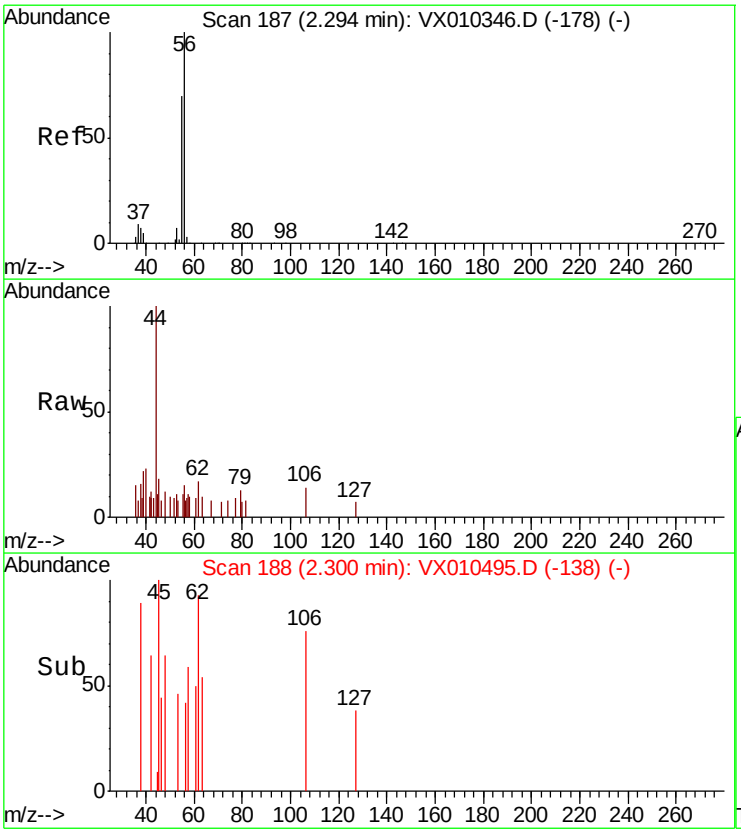

#11
Tert butyl alcohol
Concen: 0.271 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.02 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 59 Resp: 175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 7.7 | 11.5# |

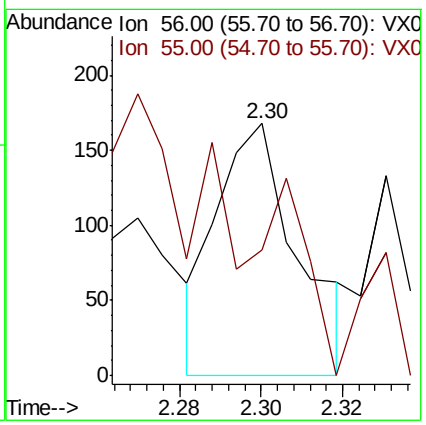


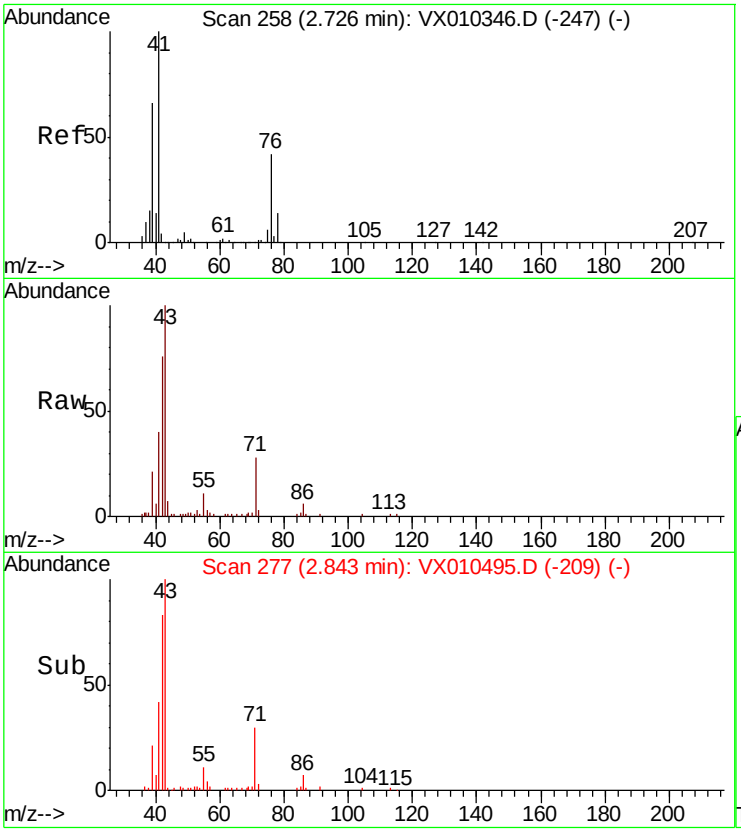




#13
Acrolein
Concen: 0.540 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 56 Resp: 231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 56.9 | 85.3# |



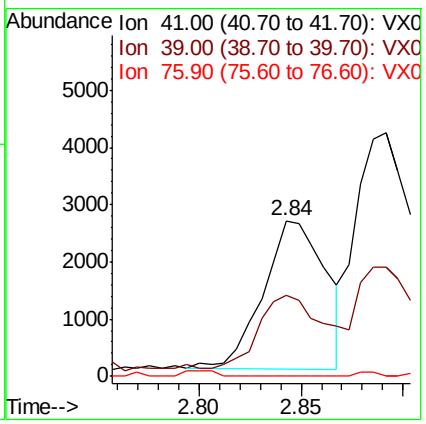


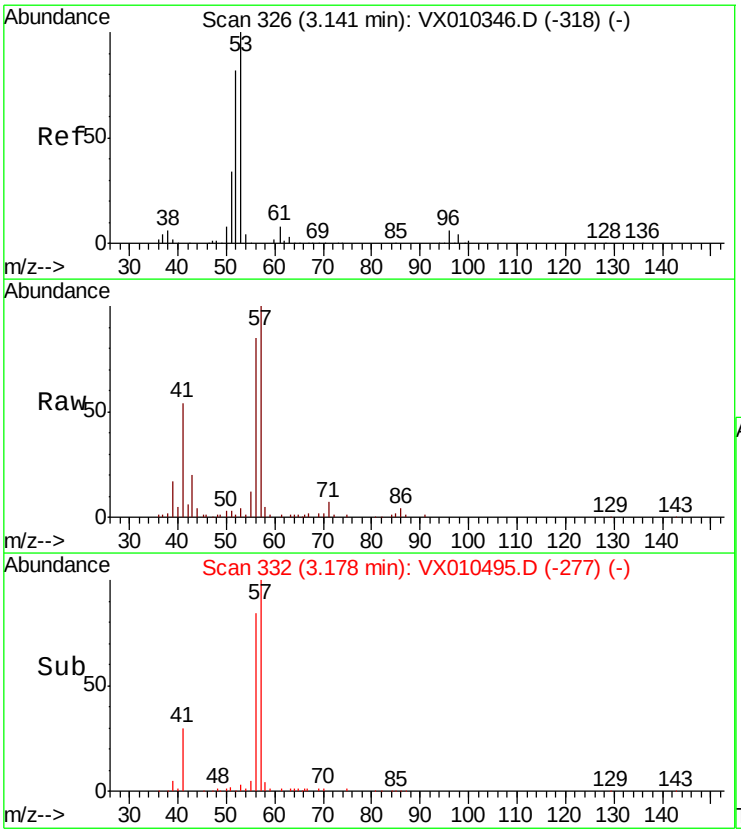

#14
Allyl chloride
Concen: 1.706 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 41 Resp: 5520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 50.0 | 50.3 | 75.5# |
| 76 | 0.0 | 31.3 | 46.9# |

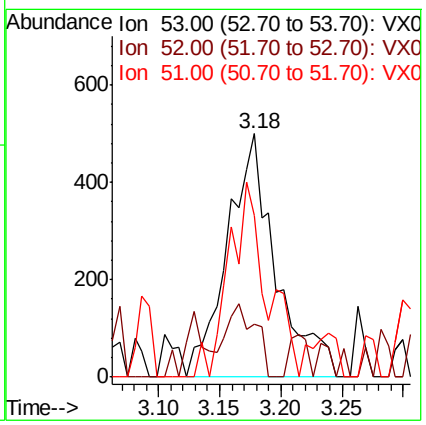


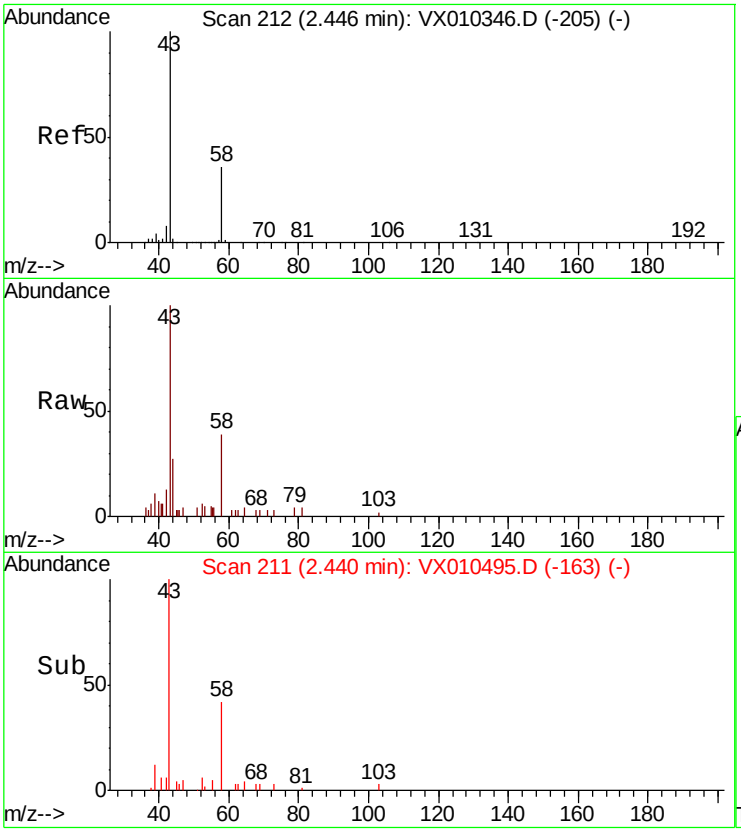




#15
Acrylonitrile
Concen: 1.079 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.04 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 53 Resp: 1378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 17.7 | 65.5 | 98.3# |
| 51 | 50.7 | 28.2 | 42.4# |



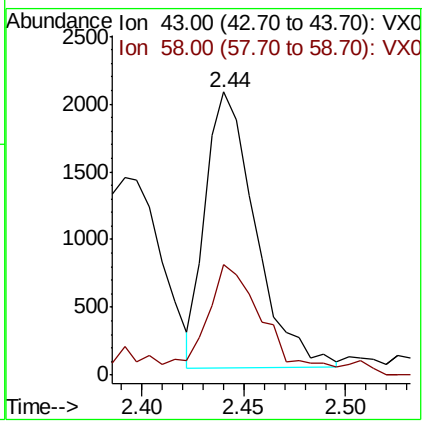


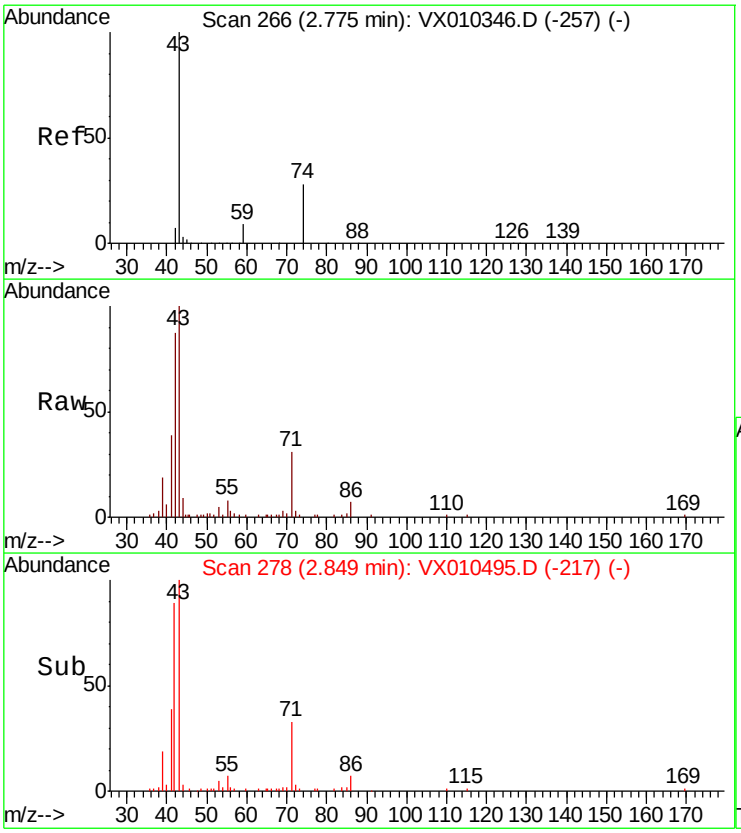

#16
Acetone
Concen: 2.806 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 43 Resp: 3467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.2 | 28.9 | 43.3 |

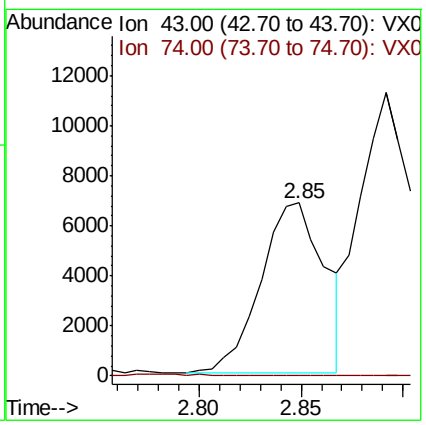


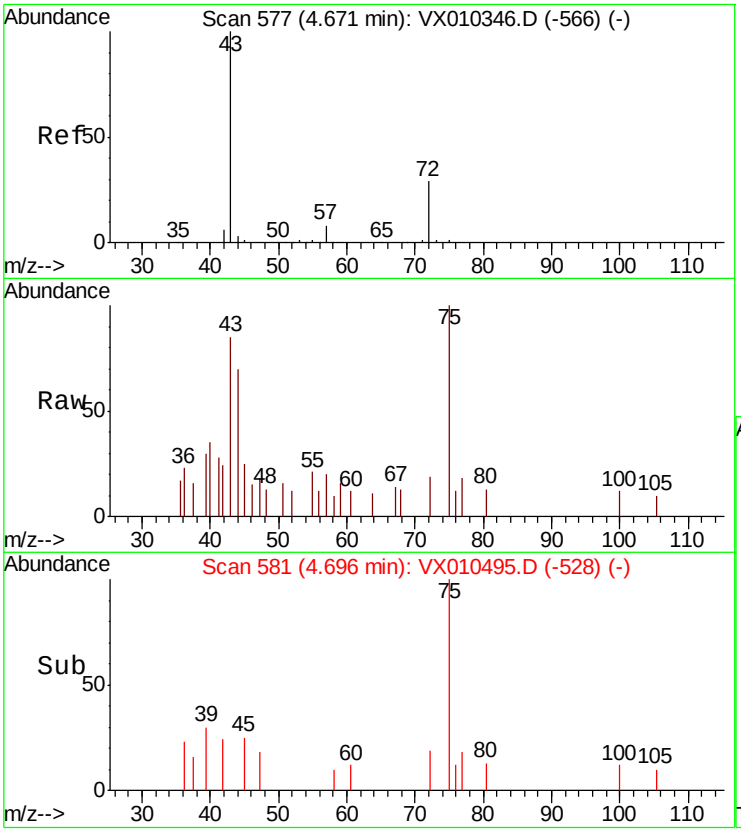




#18
Methyl Acetate
Concen: 6.018 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 43 Resp: 14819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 21.3 | 31.9# |



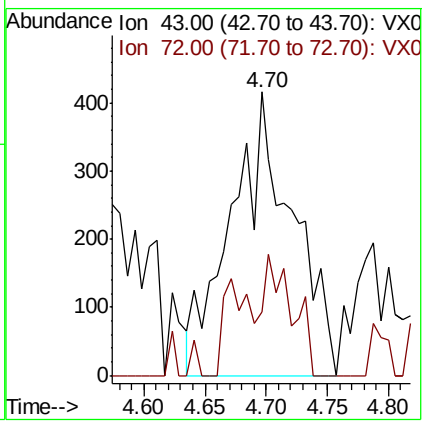


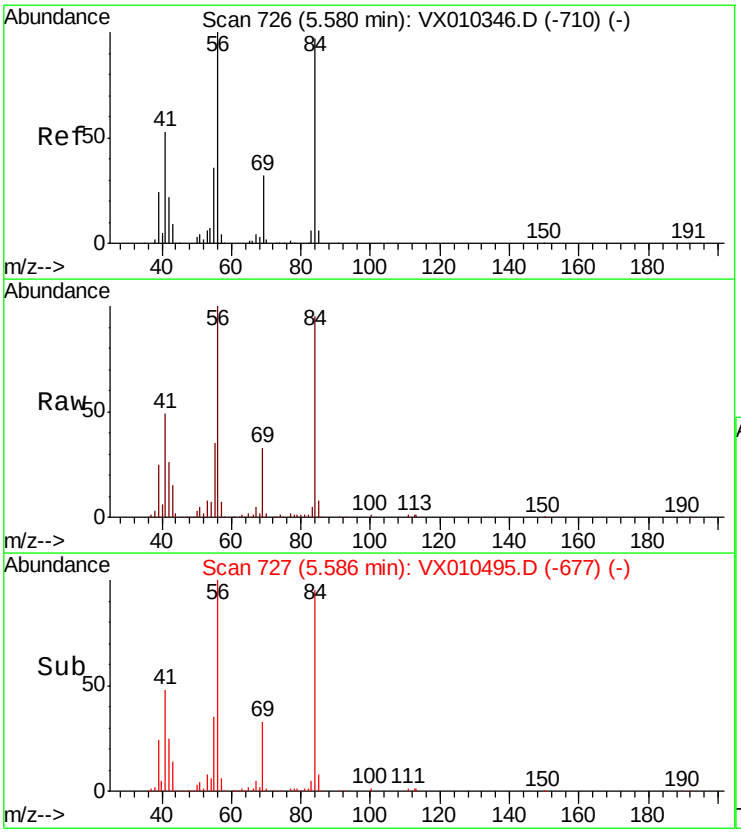

#25
2-Butanone
Concen: 0.807 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 43 Resp: 1462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.4 | 23.3 | 34.9# |

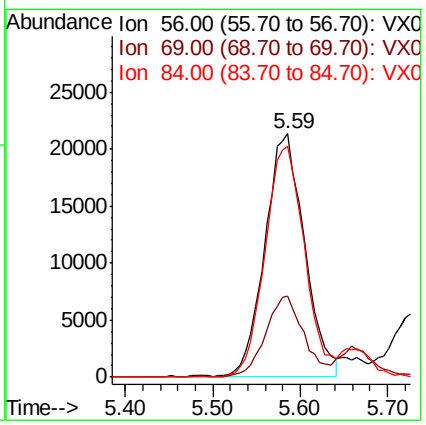


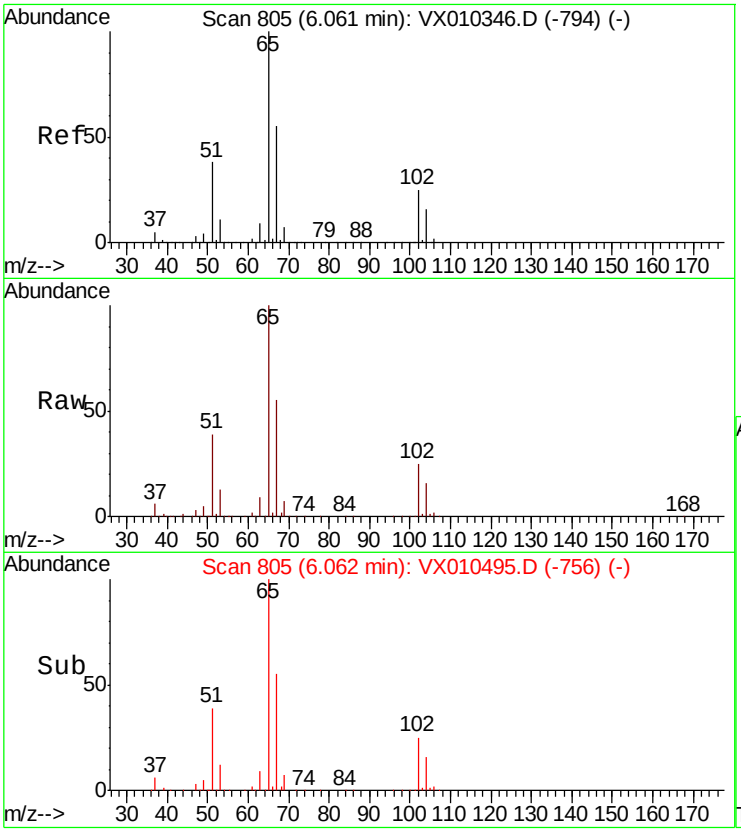




#31
Cyclohexane
Concen: 19.109 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 56 Resp: 68046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 33.1 | 25.9 | 38.9 |
| 84 | 95.1 | 78.0 | 117.0 |



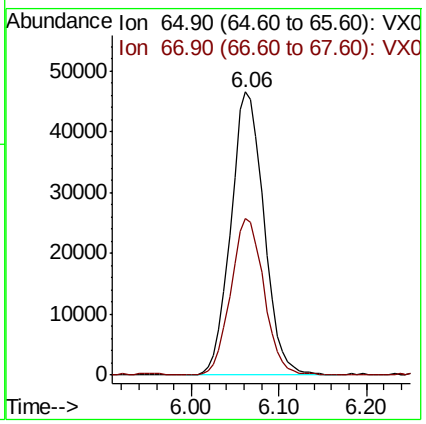


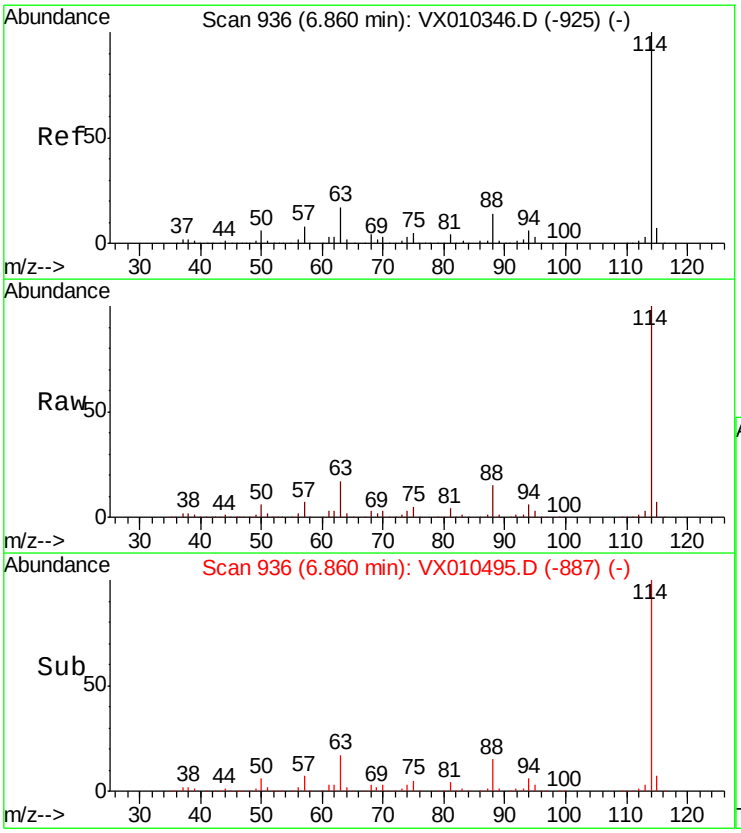

#33
1,2-Dichloroethane-d4
Concen: 49.679 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 65 Resp: 122475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.0 | 0.0 | 110.2 |

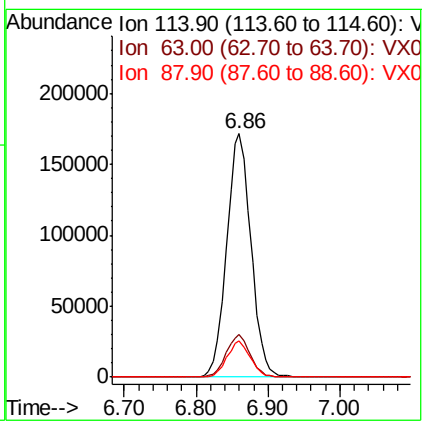


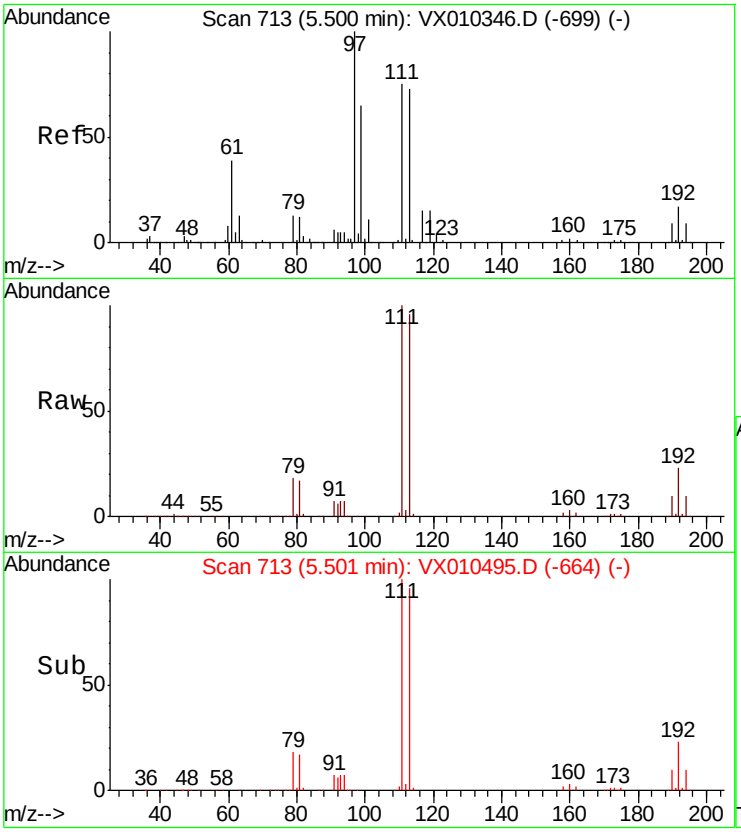




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion:114 Resp: 402046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.4 | 0.0 | 33.8 |
| 88 | 15.0 | 0.0 | 27.6 |



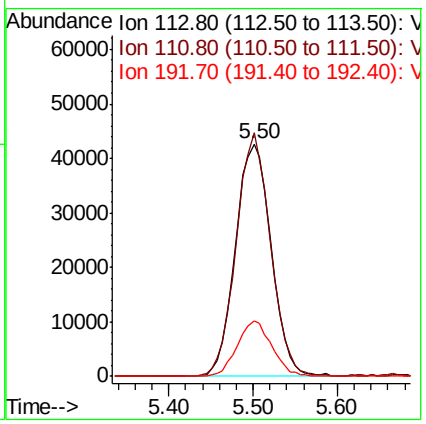


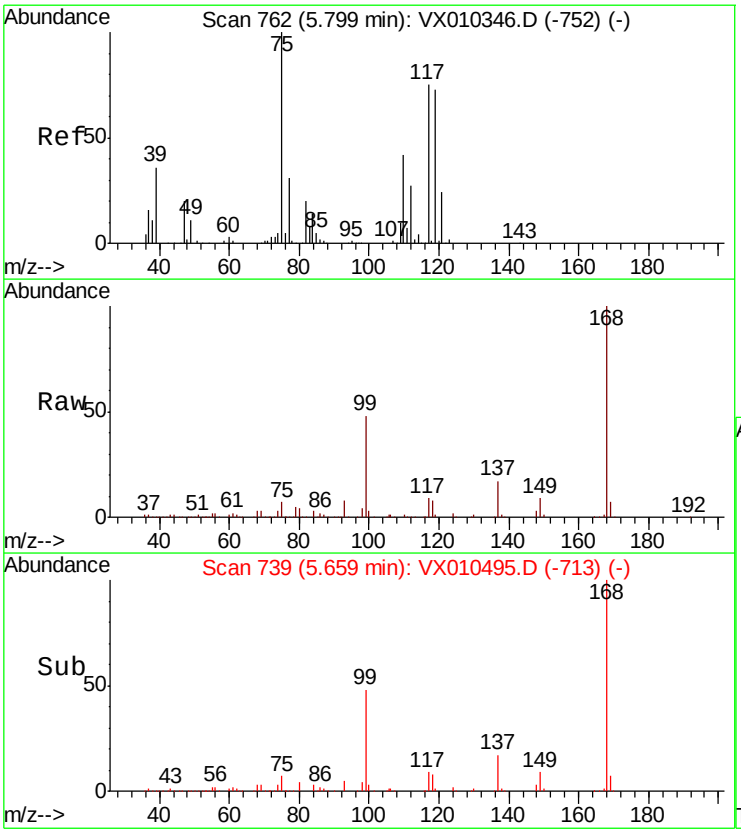

#35
Dibromofluoromethane
Concen: 49.869 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion:113 Resp: 122672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.5 | 81.2 | 121.8 |
| 192 | 23.0 | 18.6 | 27.8 |

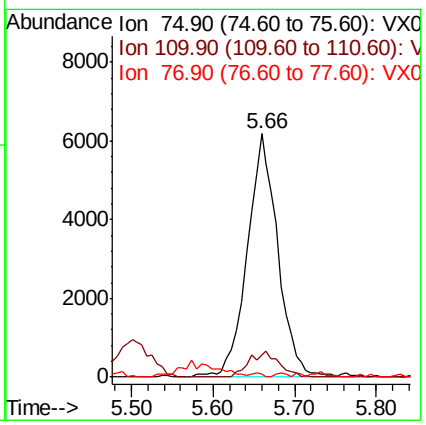


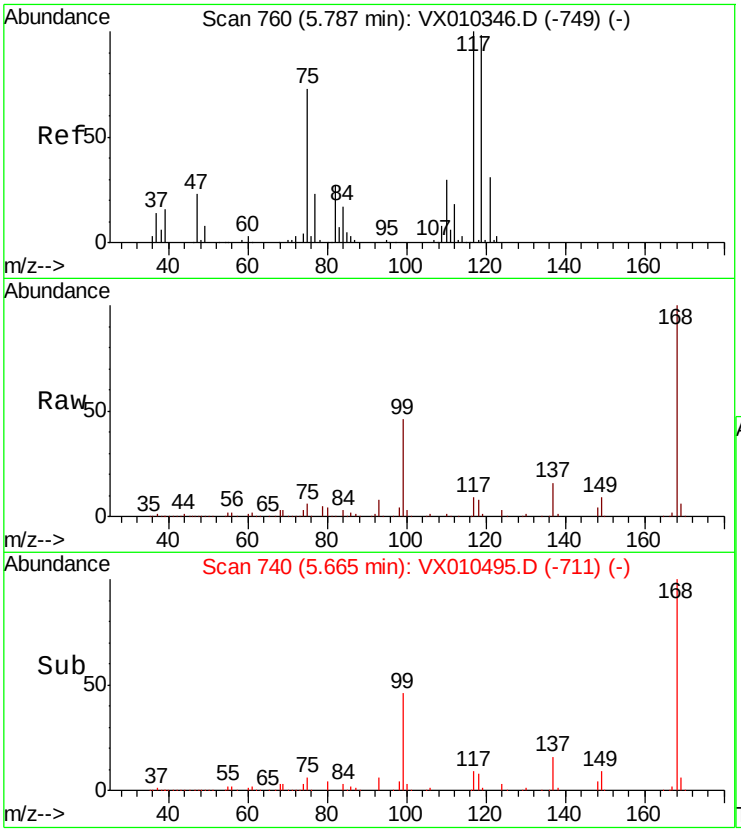




#36
1,1-Dichloropropene
Concen: 5.045 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 75 Resp: 16119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.2 | 20.8 | 62.2# |
| 77 | 0.5 | 25.4 | 38.0# |



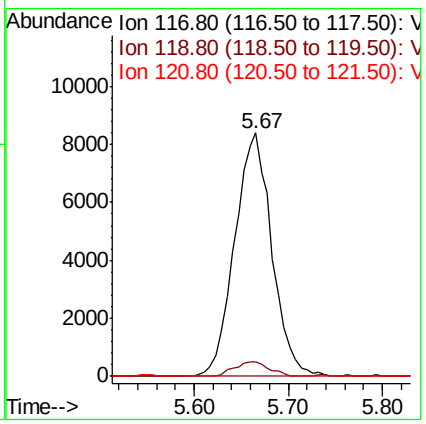


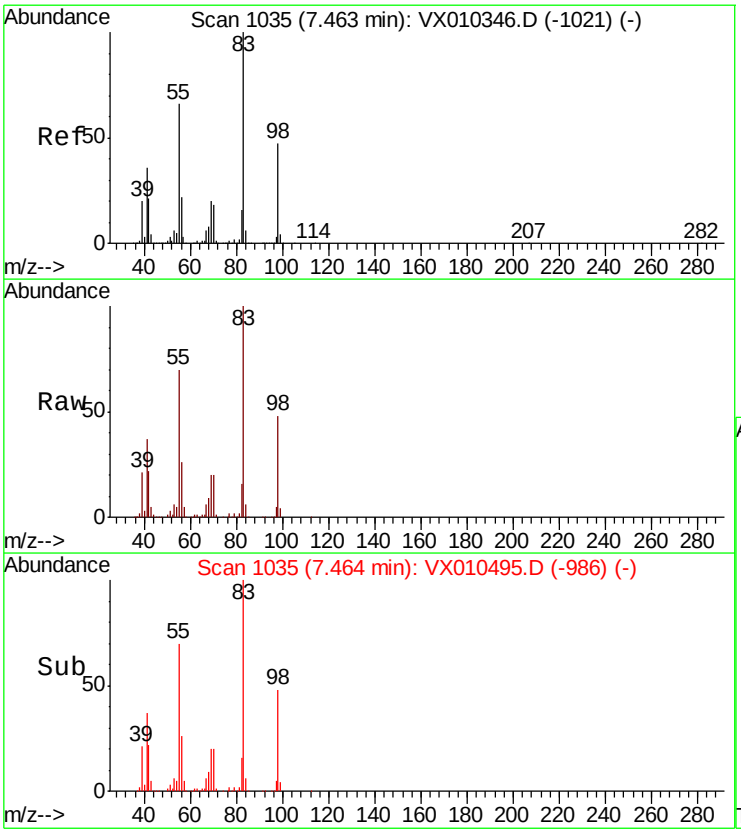

#38
Carbon Tetrachloride
Concen: 6.672 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion:117 Resp: 23084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.0 | 78.2 | 117.4# |
| 121 | 0.0 | 24.7 | 37.1# |

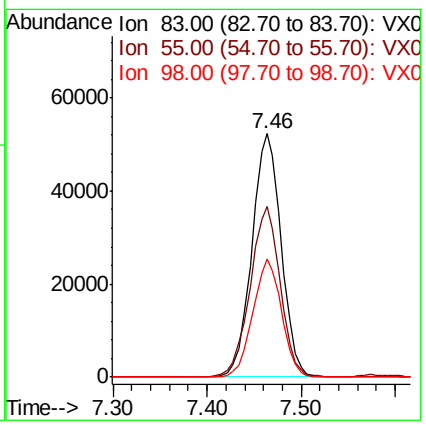


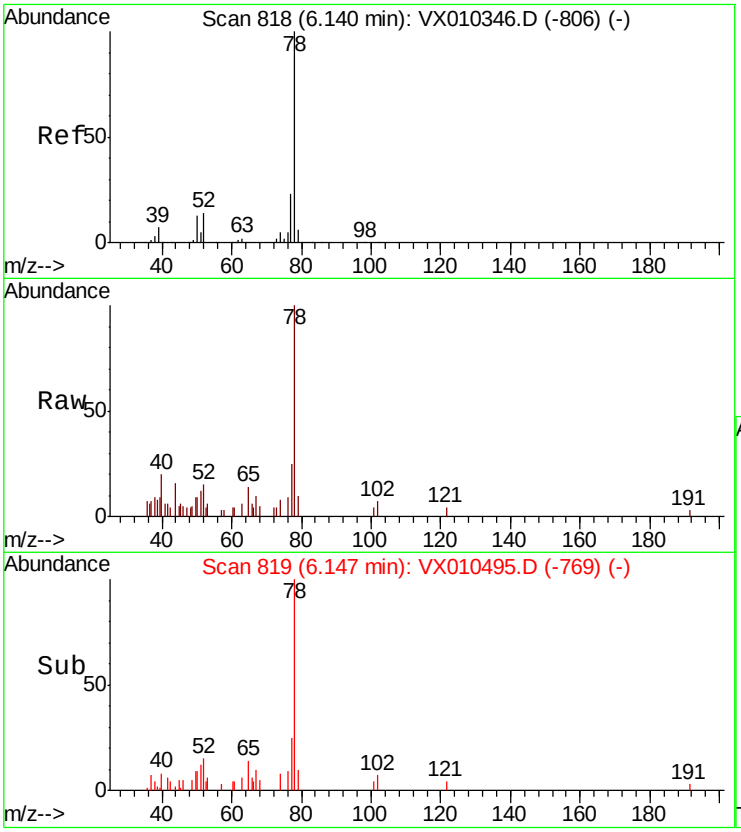




#39
Methylcyclohexane
Concen: 27.143 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 83 Resp: 113988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 69.8 | 53.0 | 79.6 |
| 98 | 48.4 | 37.8 | 56.8 |



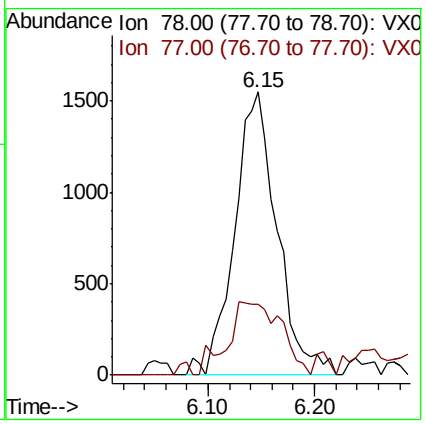


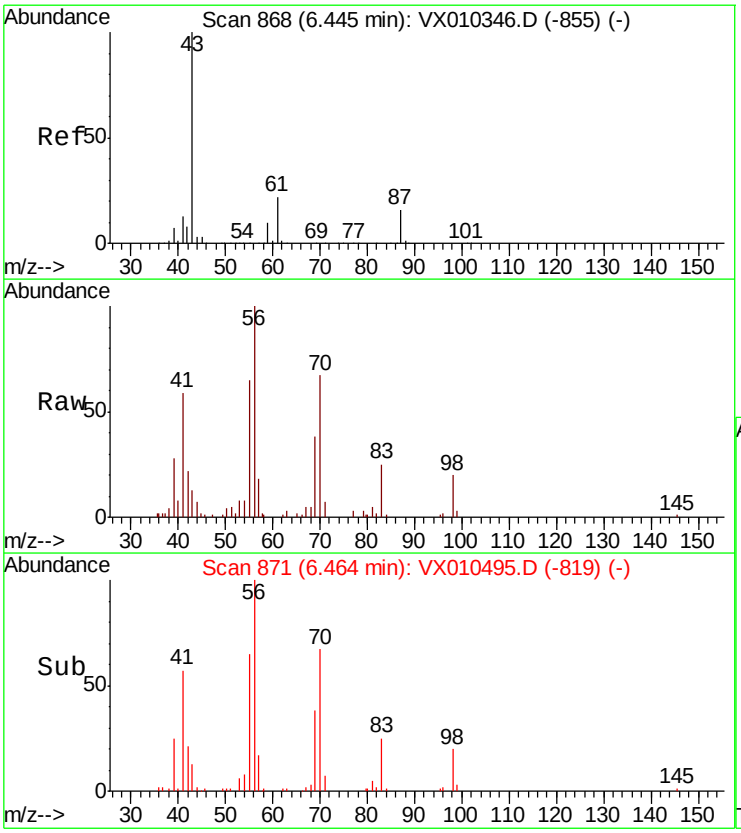

#40
Benzene
Concen: 0.435 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 78 Resp: 4332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.9 | 18.6 | 28.0 |

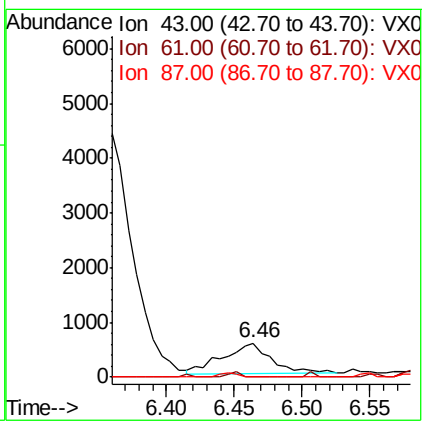


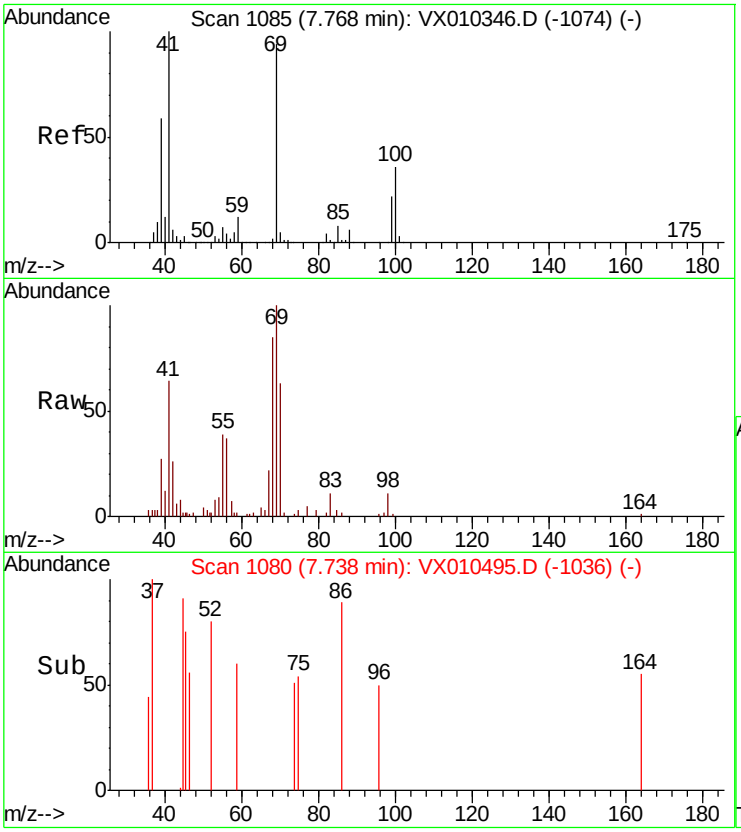




#43
Isopropyl Acetate
Concen: 0.259 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.02 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 43 Resp: 1406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 4.1 | 17.8 | 26.6# |
| 87 | 5.1 | 13.0 | 19.4# |



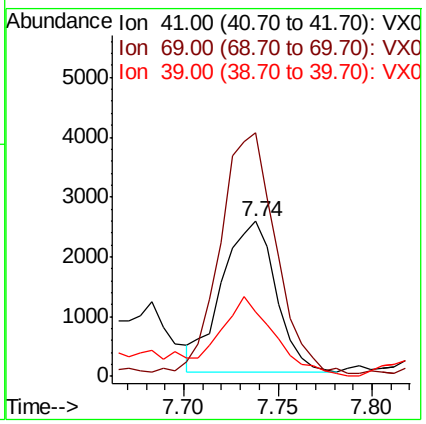


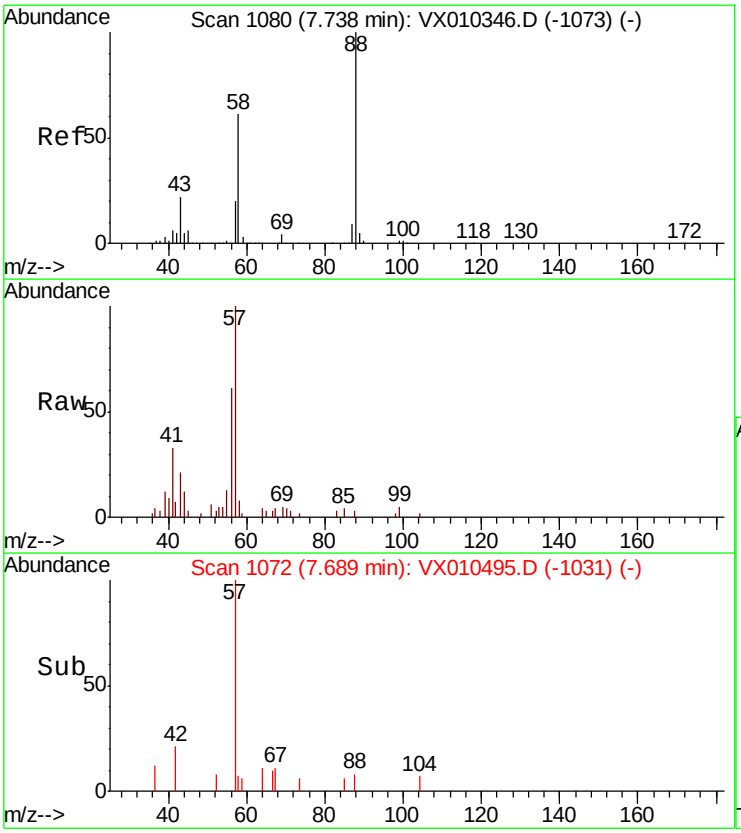

#48
Methyl methacrylate
Concen: 1.976 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.03 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 41 Resp: 4994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 165.7 | 76.1 | 114.1# |
| 39 | 54.5 | 47.6 | 71.4 |

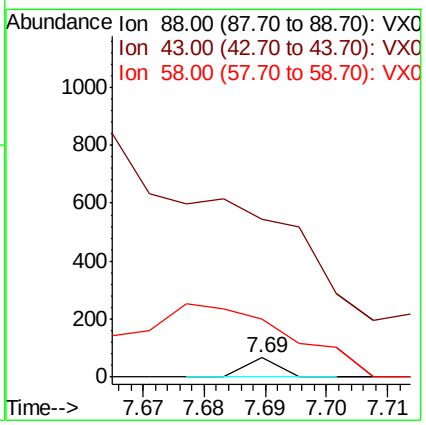


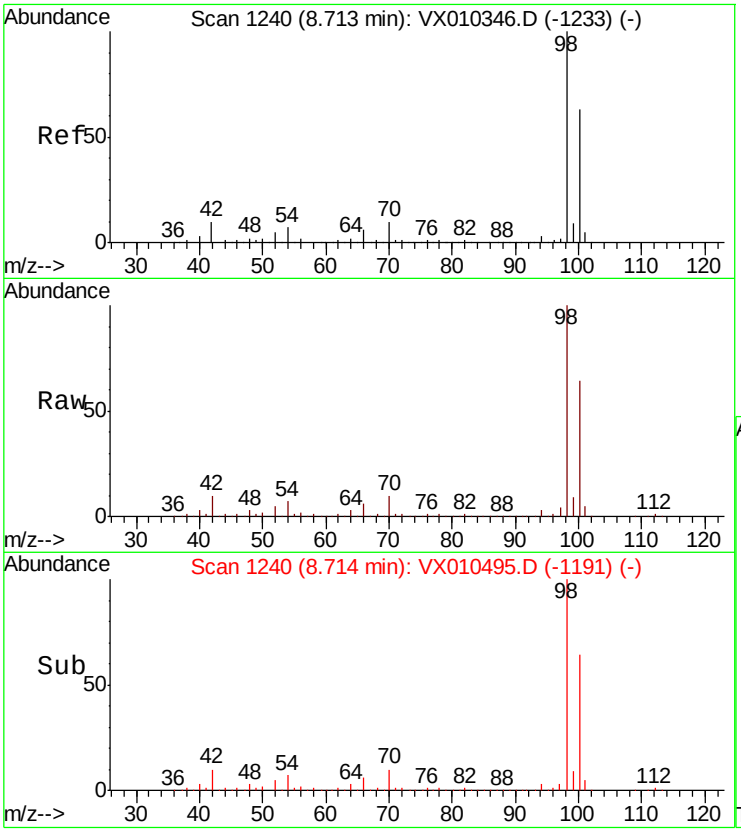




#49
1,4-Dioxane
Concen: 0.343 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.05 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 88 Resp: 25

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 20.2 | 30.2# |
| 58 | 1552.0 | 49.5 | 74.3# |



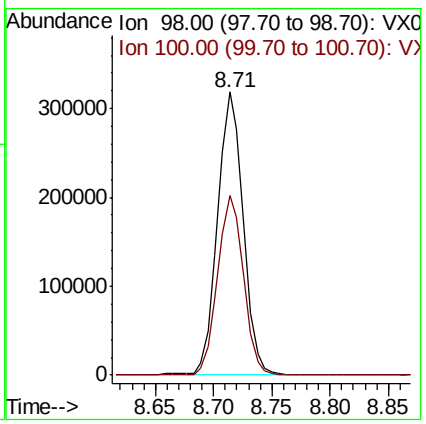


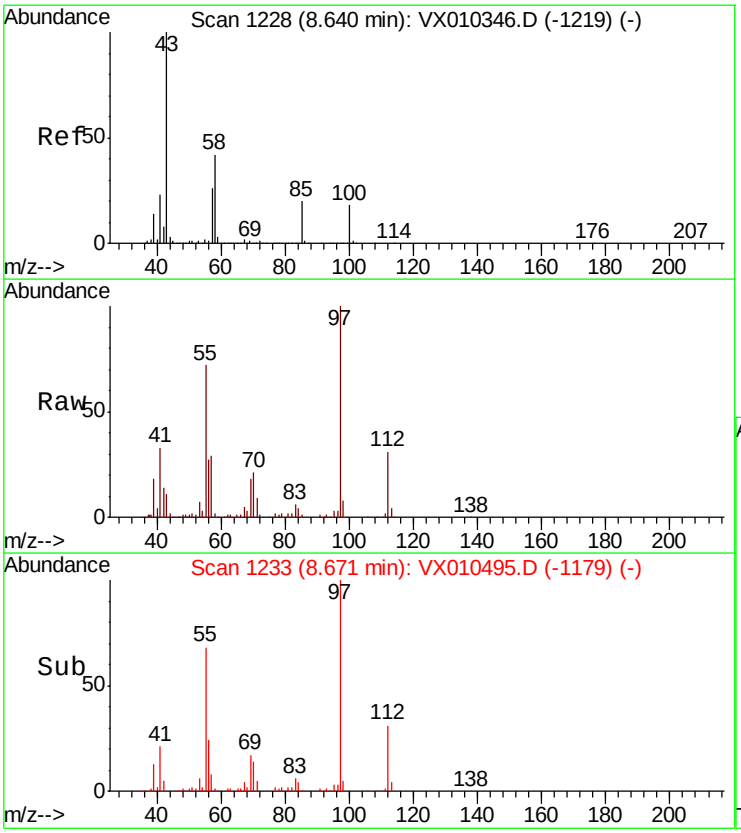

#50
Toluene-d8
Concen: 51.046 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 98 Resp: 480392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.6 | 51.6 | 77.4 |

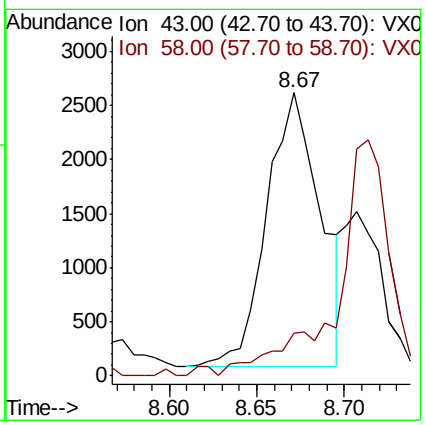


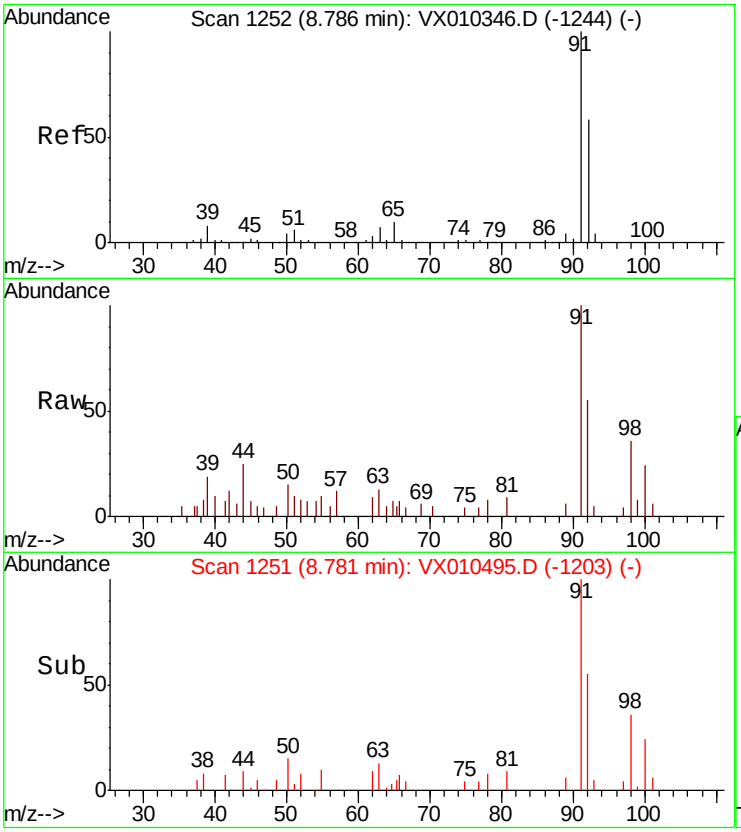




#51
4-Methyl-2-Pentanone
Concen: 1.555 ug/l
RT: 8.67 min Scan# 1233
Delta R.T. 0.03 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 43 Resp: 5407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 33.5 | 50.3# |



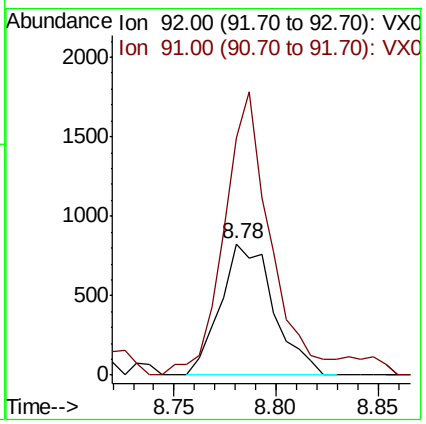


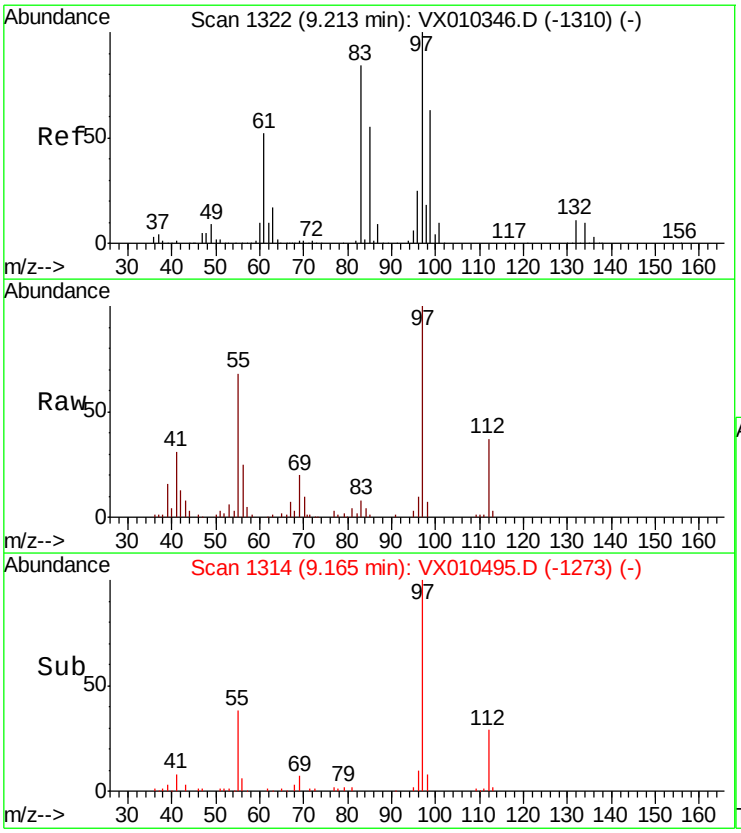

#52
Toluene
Concen: 0.228 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 92 Resp: 1497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 187.8 | 139.8 | 209.6 |

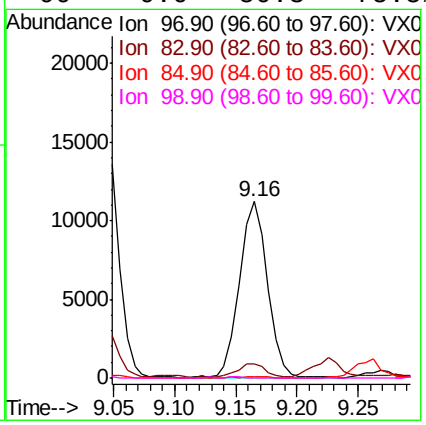


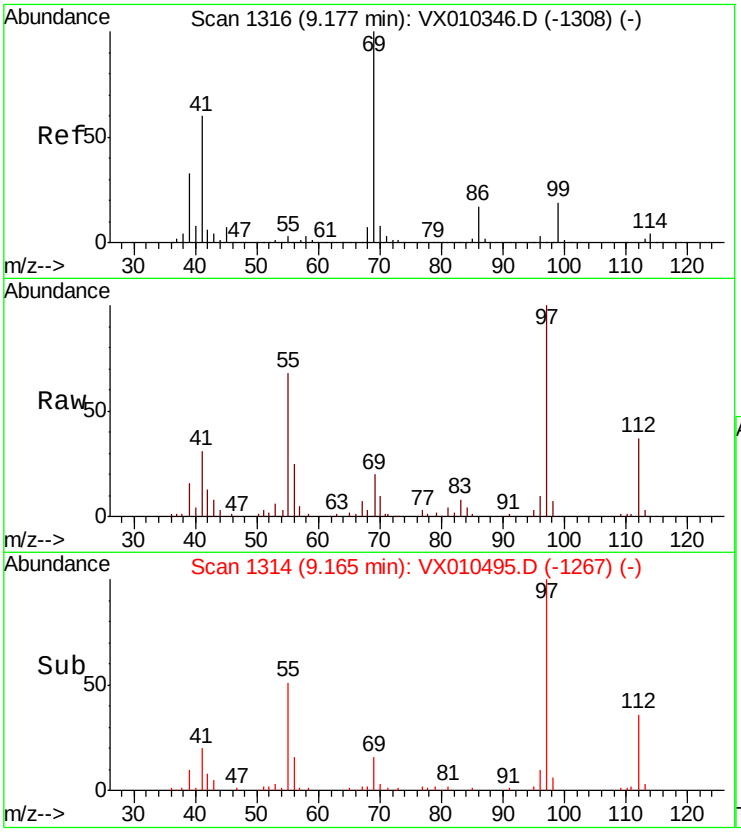




#55
1,1,2-Trichloroethane
Concen: 6.654 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 97 Resp: 17987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 7.3 | 67.4 | 101.0# |
| 85 | 0.6 | 43.8 | 65.8# |
| 99 | 0.0 | 50.3 | 75.5# |



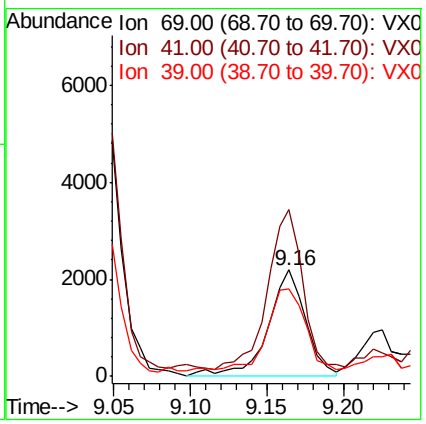


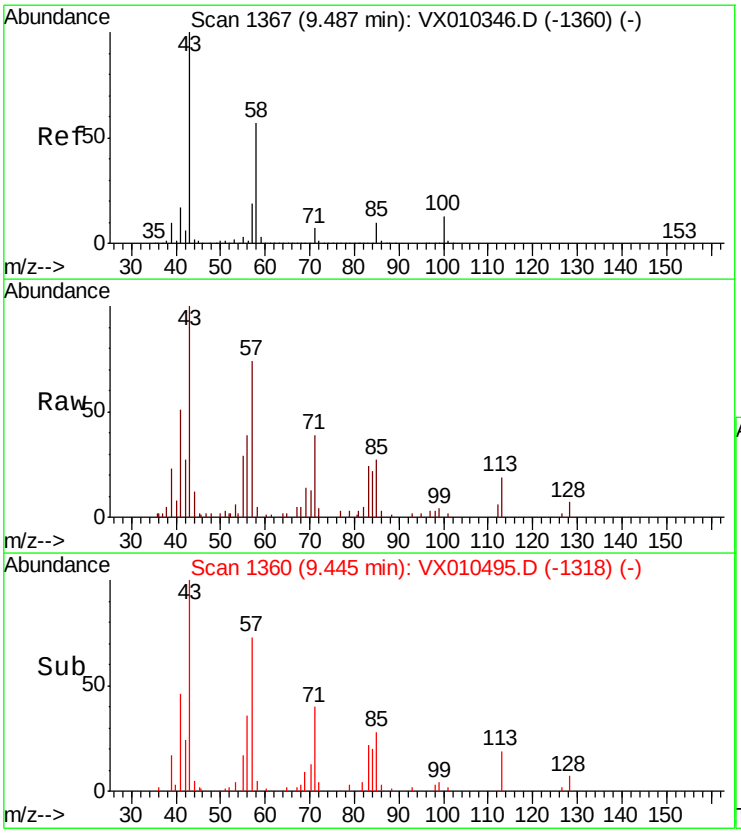

#56
Ethyl methacrylate
Concen: 0.918 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 69 Resp: 3758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 140.3 | 47.1 | 70.7# |
| 39 | 79.6 | 26.6 | 40.0# |

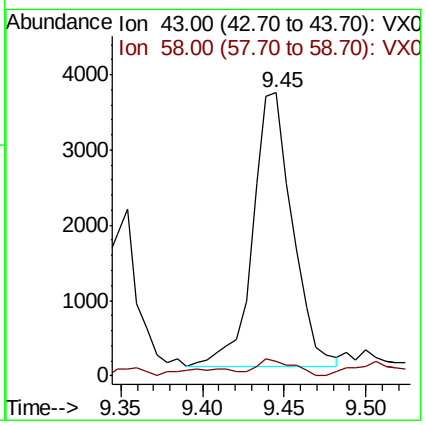


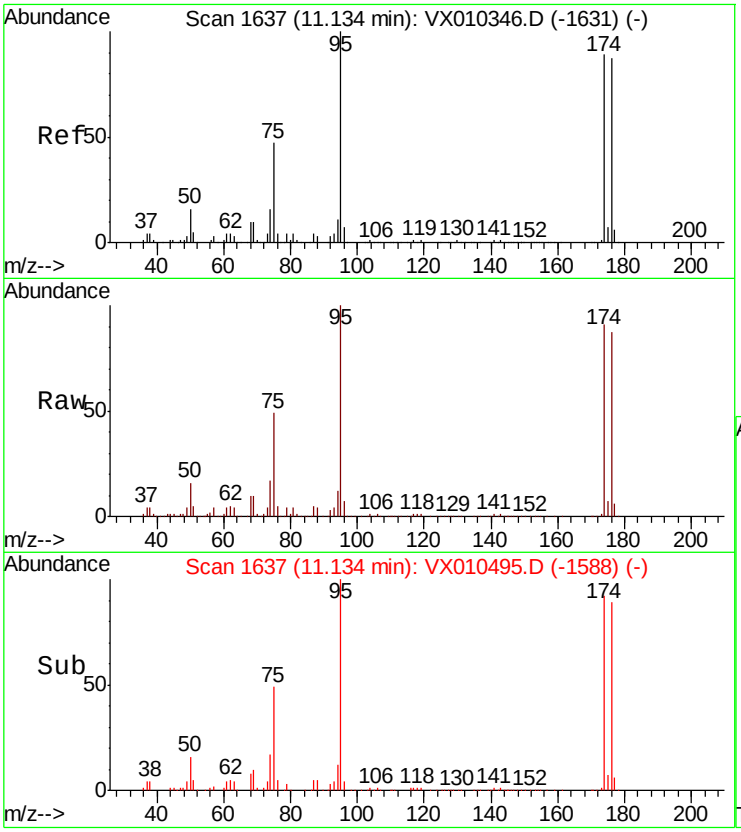




#59
2-Hexanone
Concen: 2.232 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 43 Resp: 6110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 5.4 | 29.0 | 87.1# |



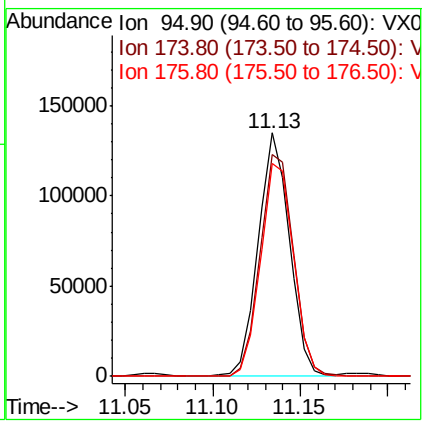


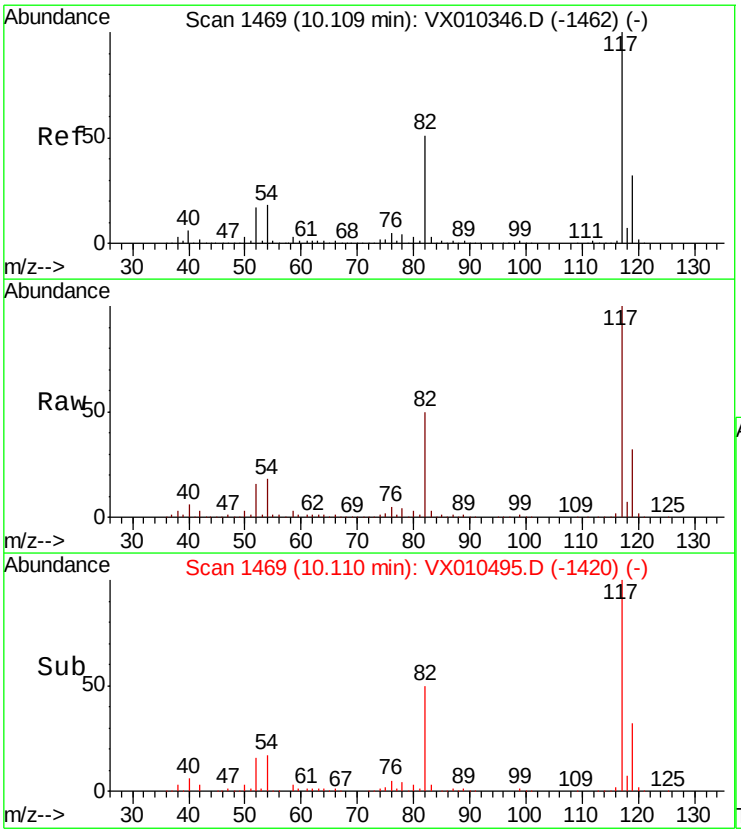

#62
4-Bromofluorobenzene
Concen: 49.317 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 95 Resp: 167559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 97.2 | 0.0 | 187.6 |
| 176 | 92.5 | 0.0 | 184.0 |

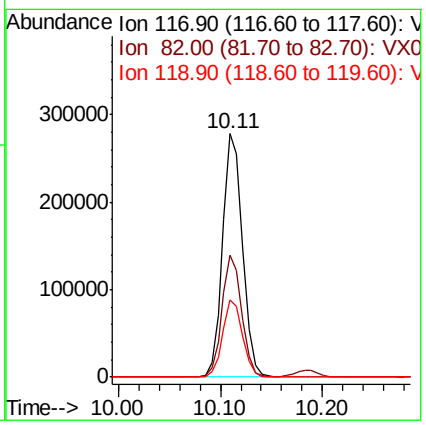


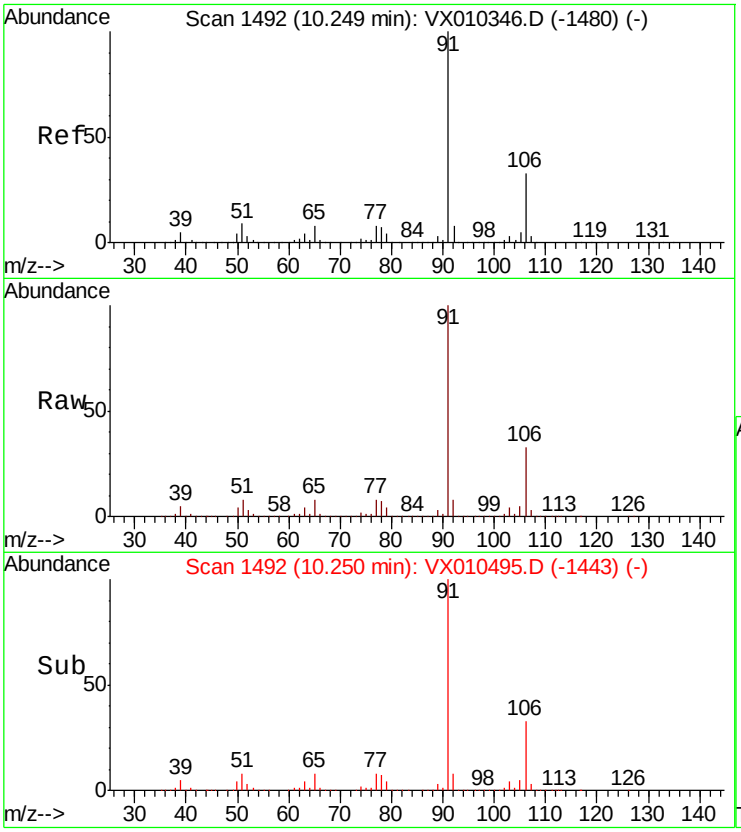




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion:117 Resp: 375744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.0 | 41.2 | 61.8 |
| 119 | 31.7 | 25.5 | 38.3 |



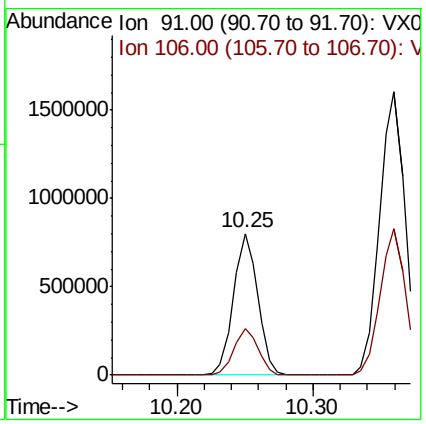


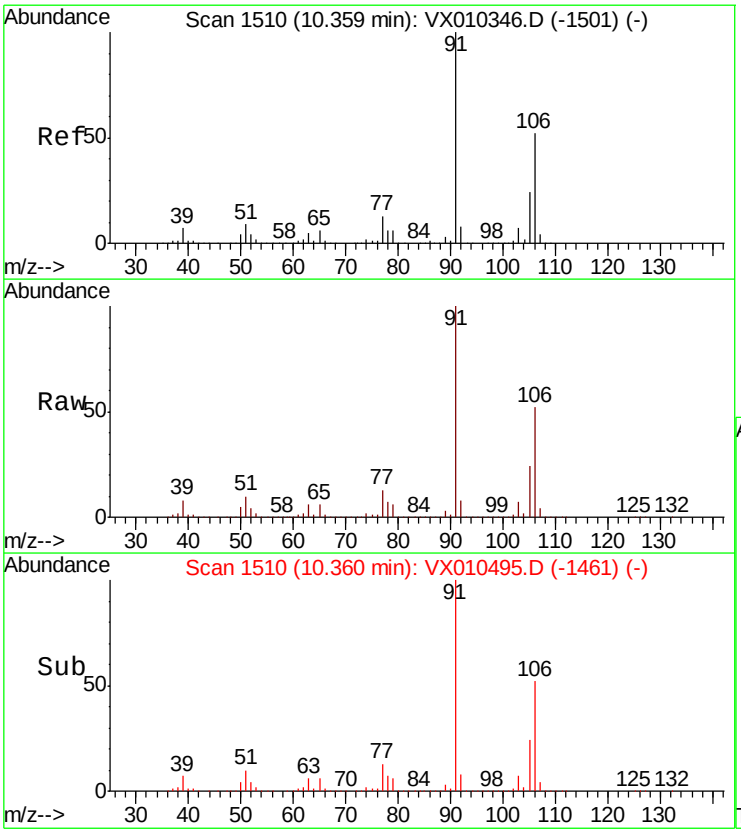

#67
Ethyl Benzene
Concen: 77.555 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 91 Resp: 998771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.6 | 26.2 | 39.2 |

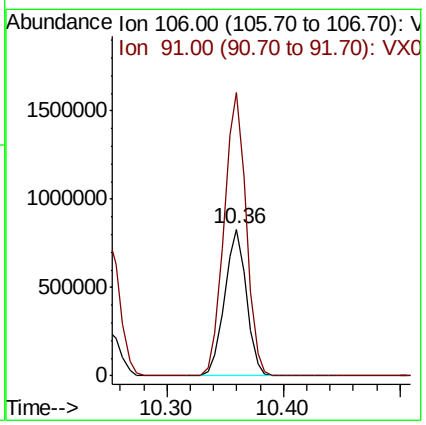


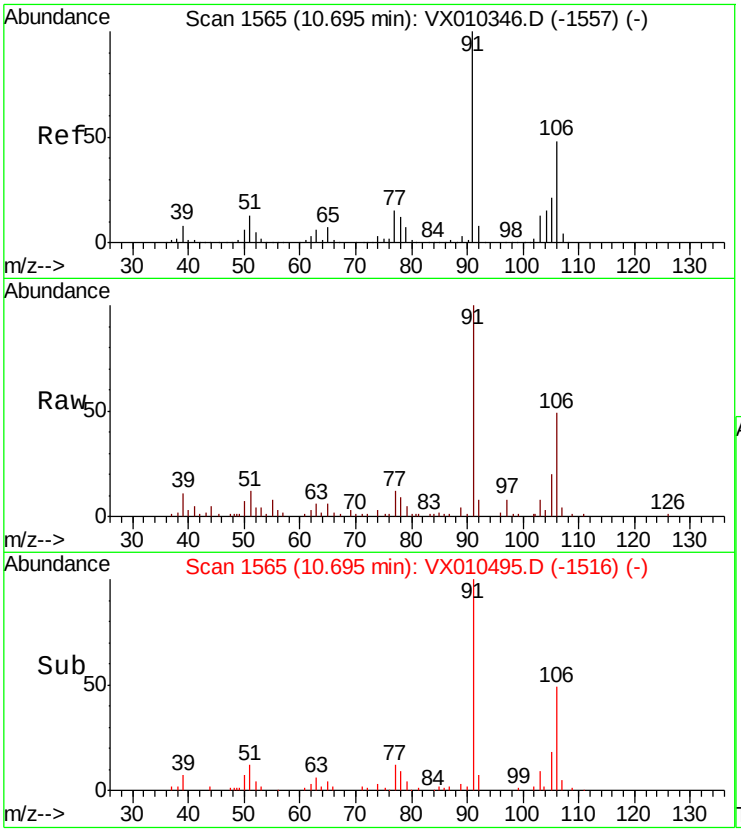




#68
m/p-Xylenes
Concen: 215.051 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion:106 Resp: 1073109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 195.7 | 155.3 | 232.9 |



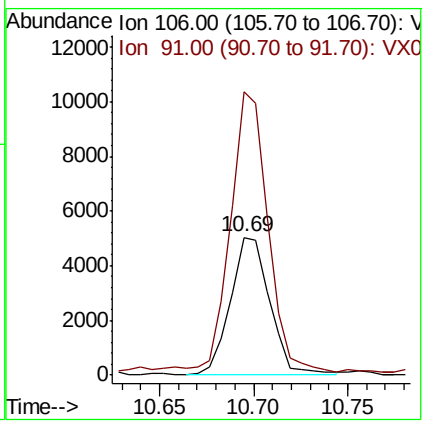


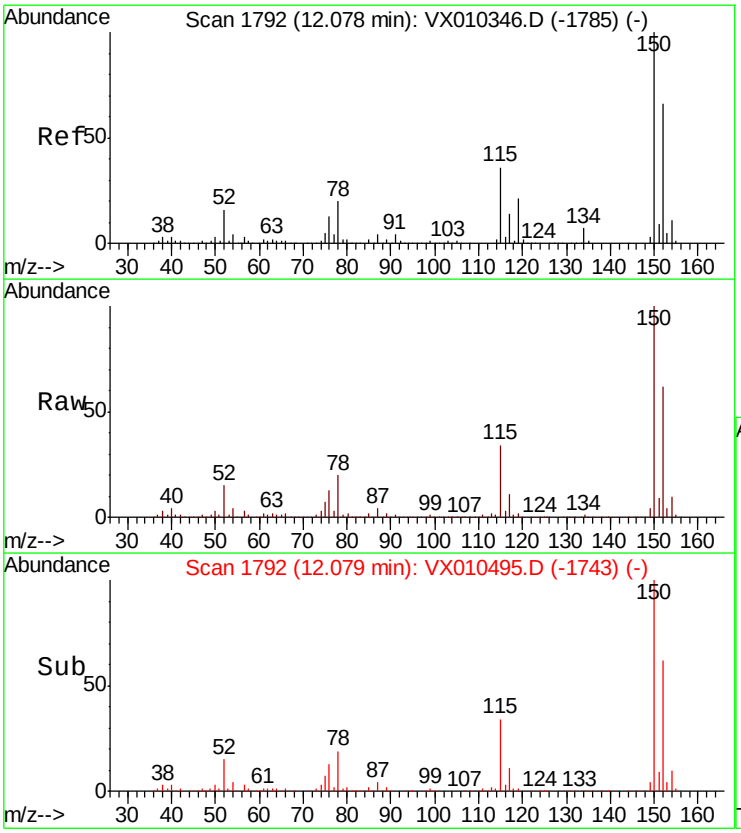

#69
o-Xylene
Concen: 1.492 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion:106 Resp: 7321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 190.5 | 102.7 | 308.1 |

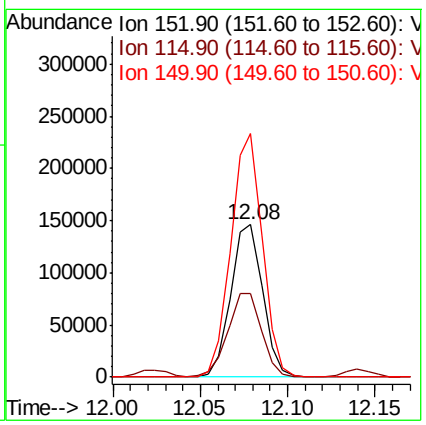


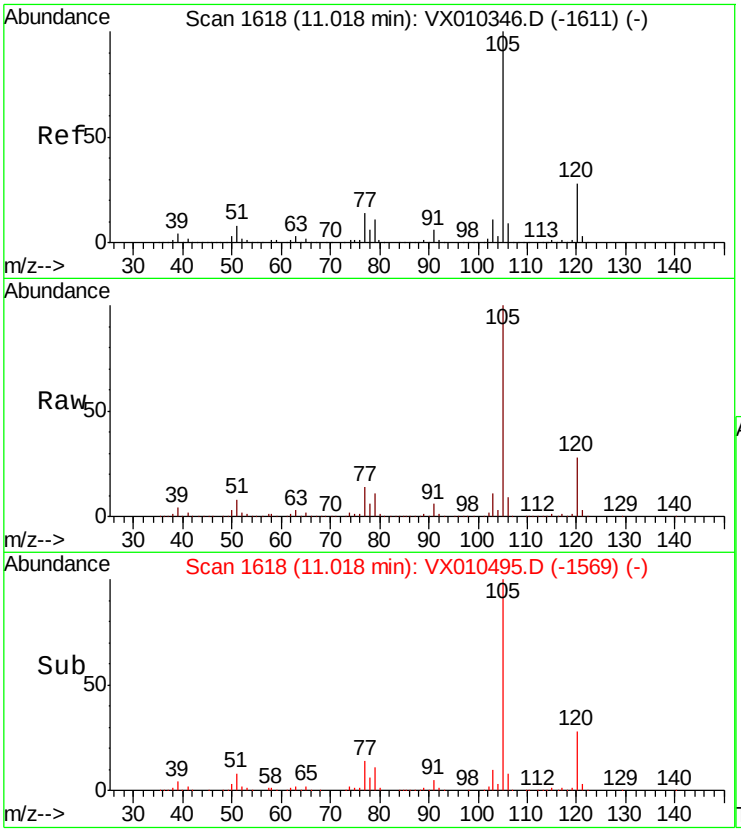




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion:152 Resp: 185192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.6 | 38.6 | 115.7 |
| 150 | 157.6 | 0.0 | 347.4 |



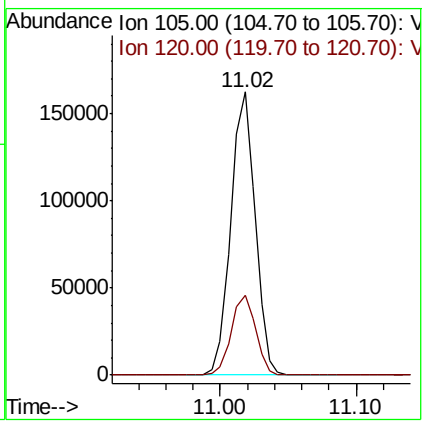


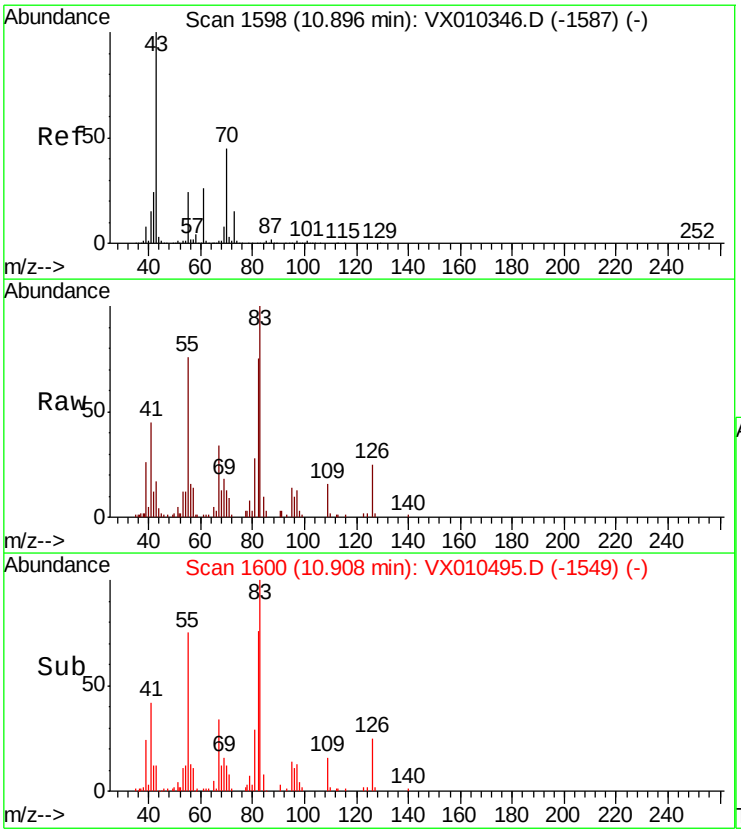

#73
Isopropylbenzene
Concen: 16.114 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion:105 Resp: 202286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 28.2 | 14.1 | 42.4 |

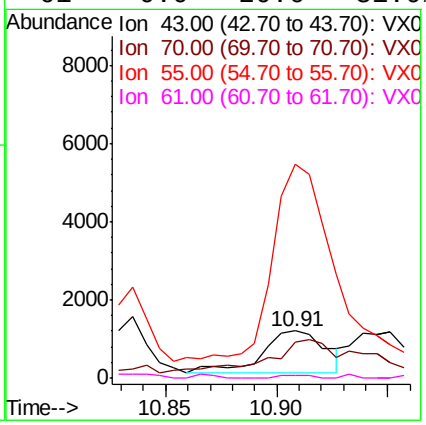


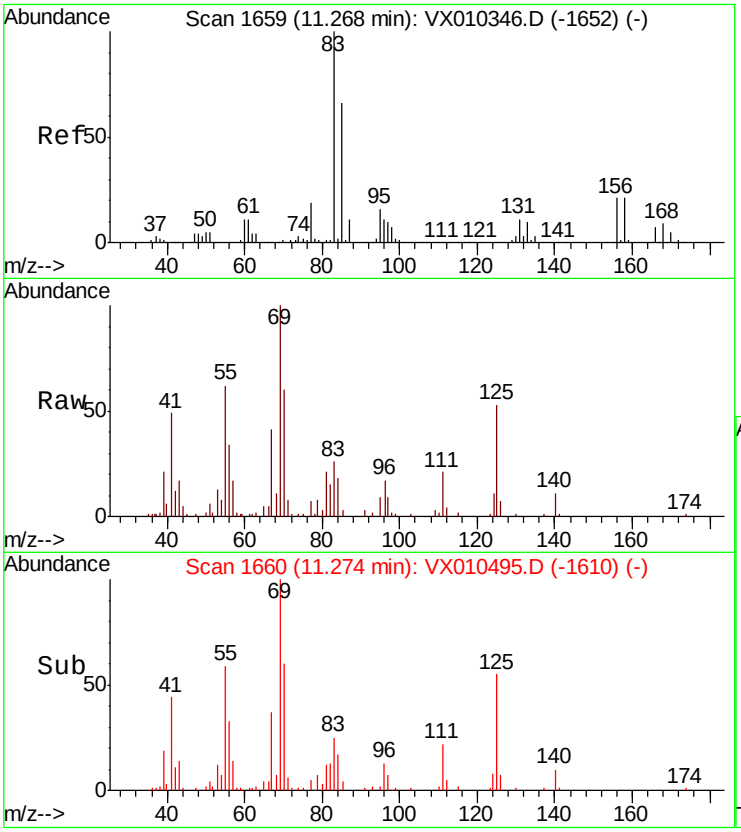




#74
N-amyl acetate
Concen: 0.455 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 43 Resp: 2158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 111.0 | 36.6 | 54.8# |
| 55 | 477.5 | 18.7 | 28.1# |
| 61 | 0.0 | 20.6 | 31.0# |



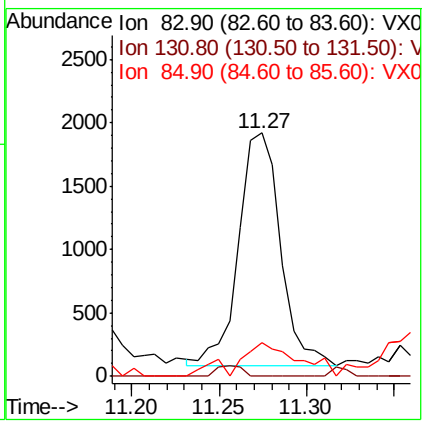


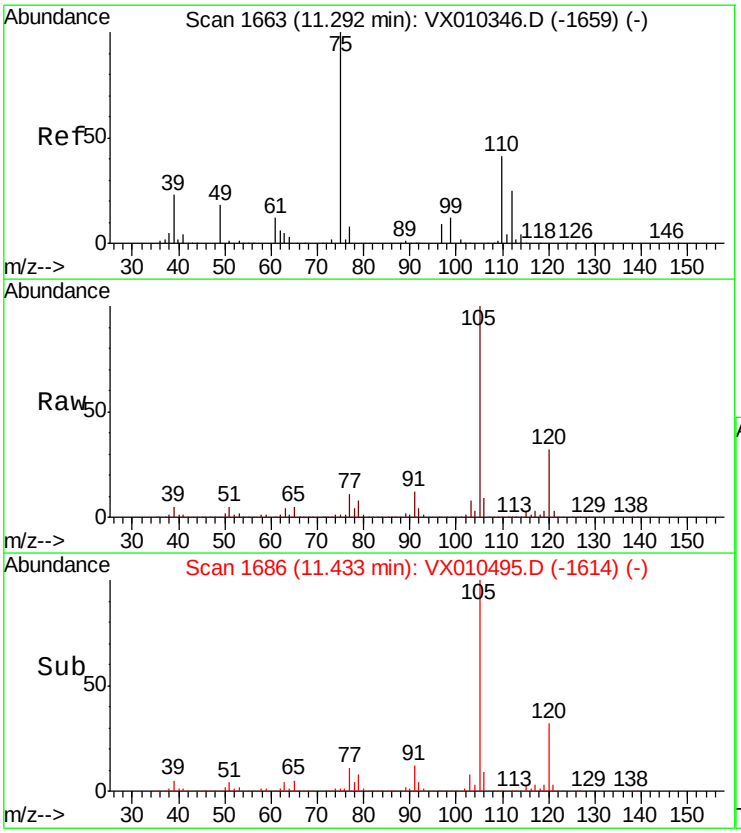

#75
1,1,2,2-Tetrachloroethane
Concen: 0.732 ug/l
RT: 11.27 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 83 Resp: 3043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.5 | 16.4# |
| 85 | 17.7 | 32.3 | 96.8# |

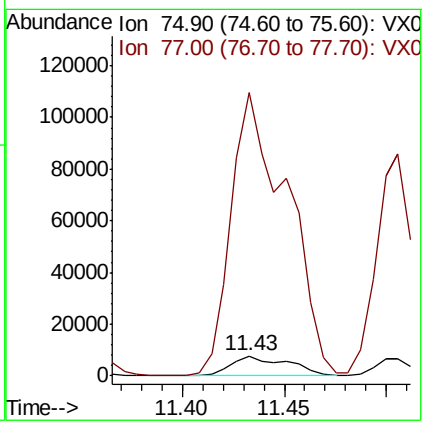


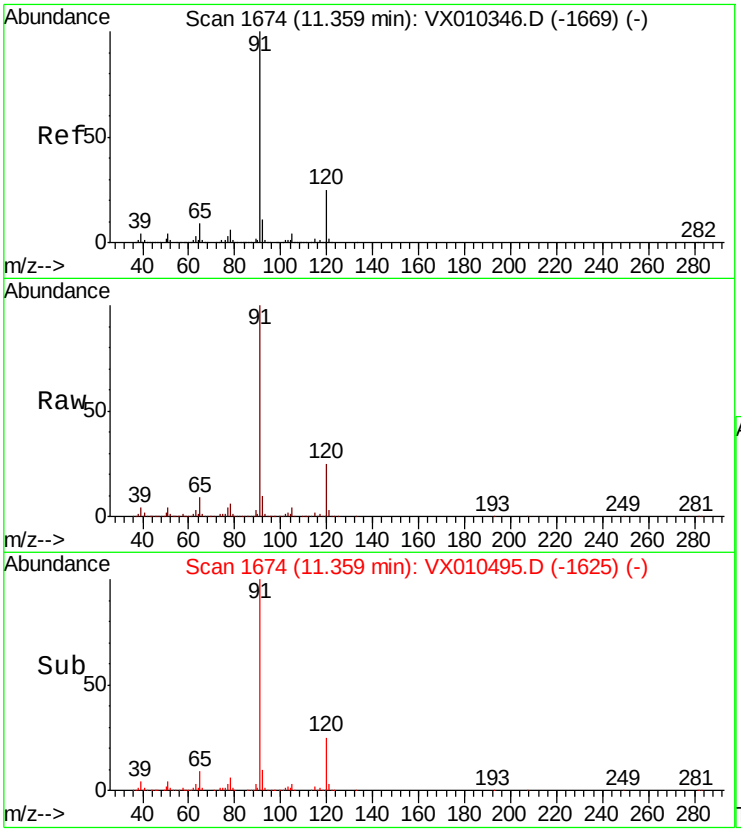




#76
1,2,3-Trichloropropane
Concen: 4.414 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.14 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 75 Resp: 14897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1405.4 | 22.6 | 67.8# |



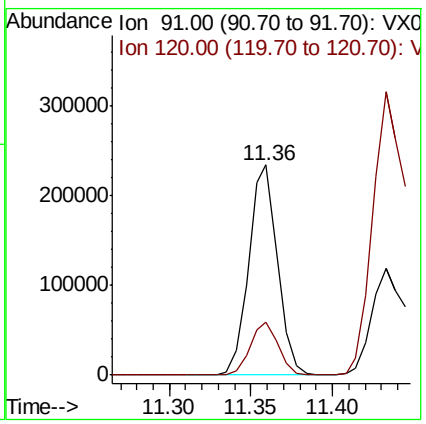


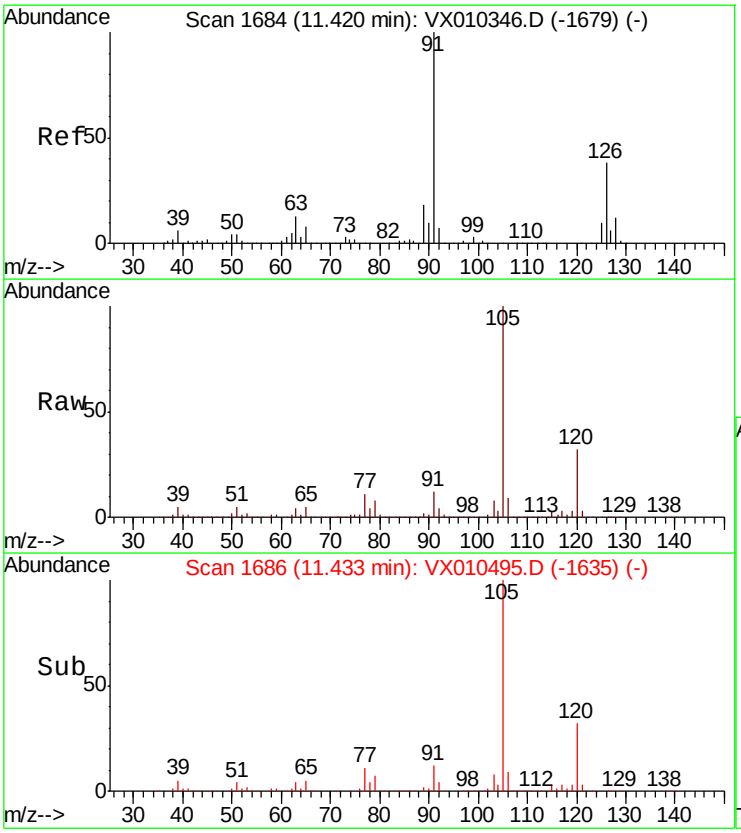

#78
n-propylbenzene
Concen: 20.742 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 91 Resp: 286180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.4 | 12.4 | 37.4 |

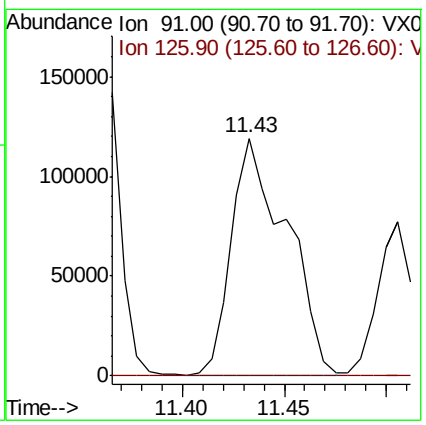


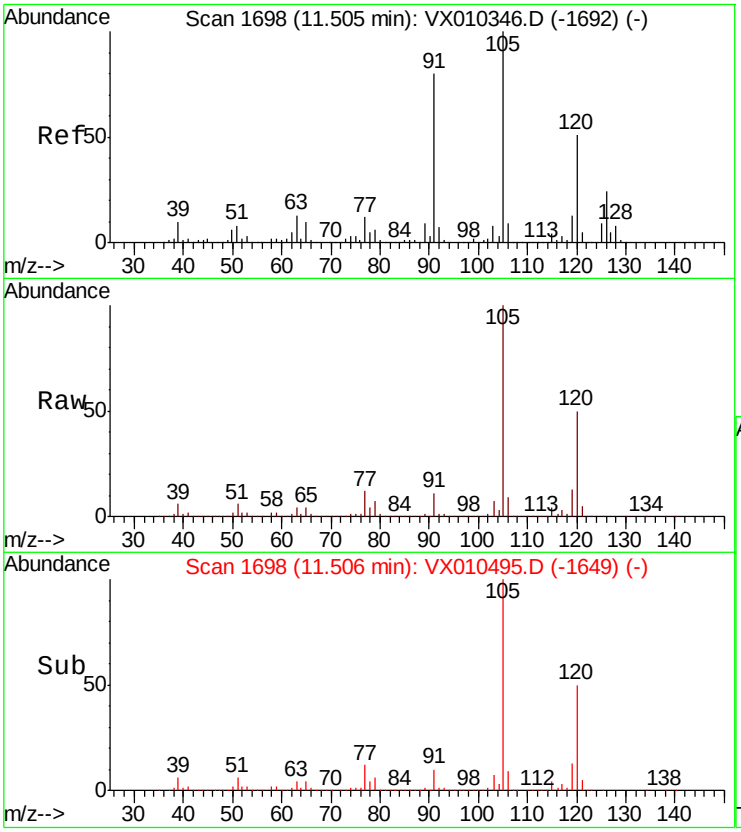




#79
2-Chlorotoluene
Concen: 27.305 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 91 Resp: 224329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.1 | 18.7 | 56.1# |



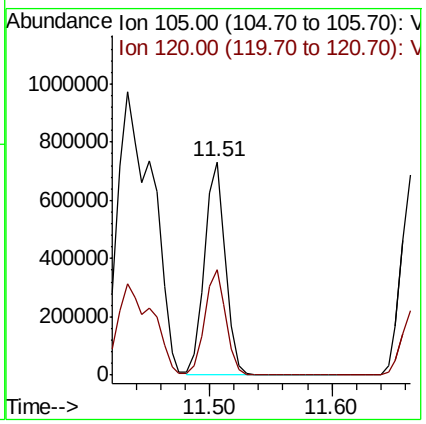


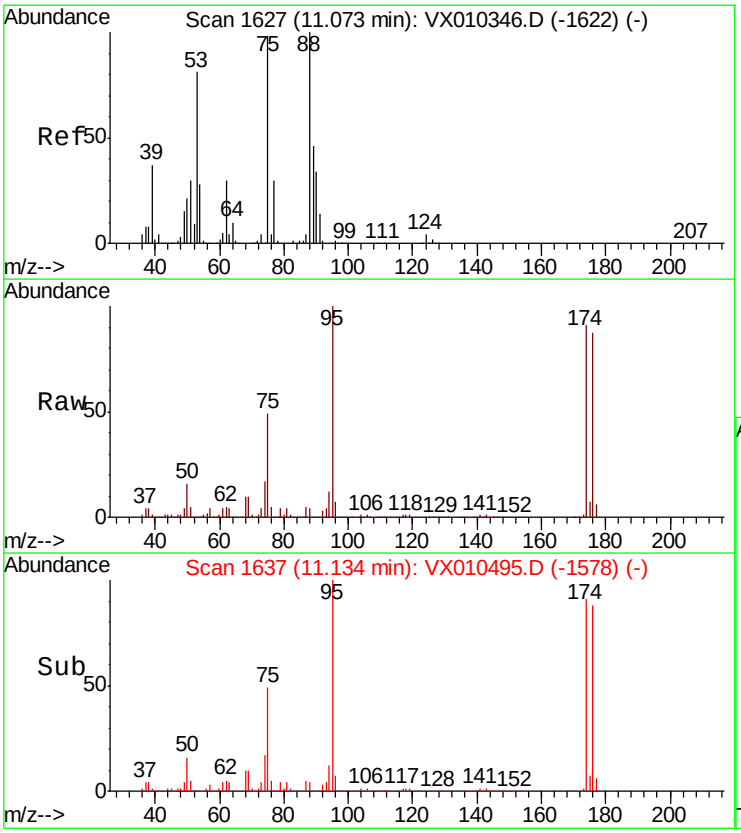

#80
1,3,5-Trimethylbenzene
Concen: 84.592 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion:105 Resp: 875445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.8 | 25.2 | 75.6 |

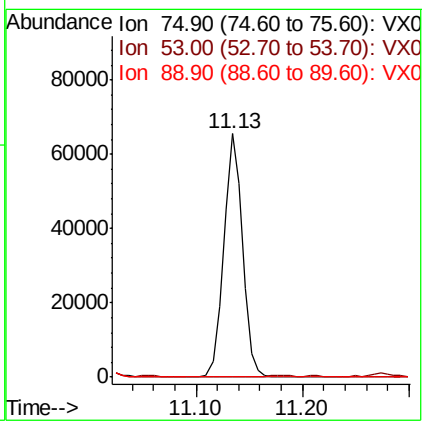


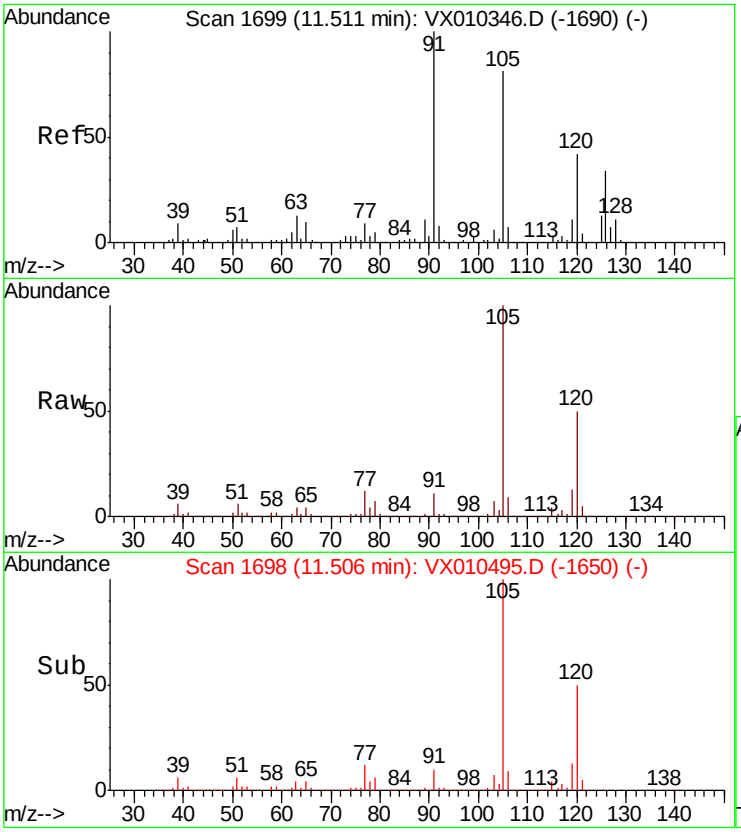




#81
trans-1,4-Dichloro-2-butene
Concen: 55.830 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 75 Resp: 80761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 66.1 | 99.1# |
| 89 | 0.0 | 37.8 | 56.6# |



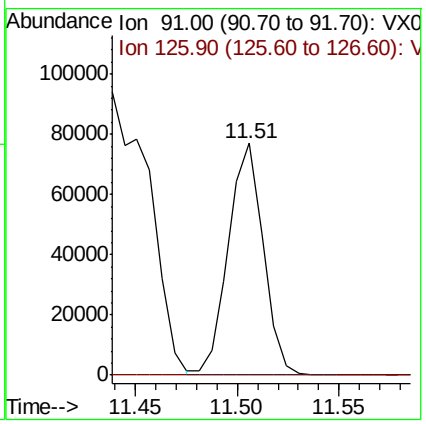


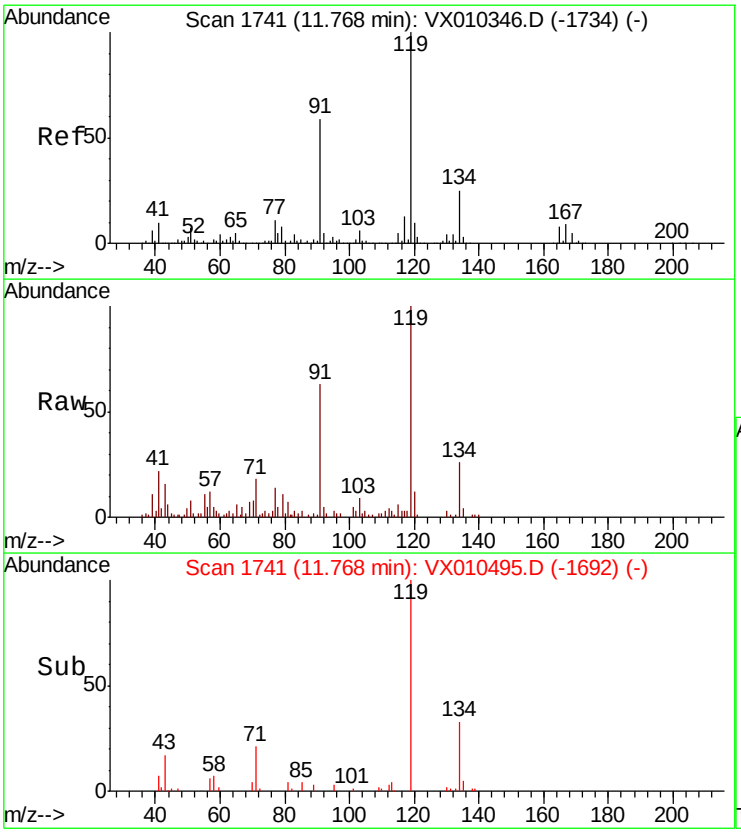

#82
4-Chlorotoluene
Concen: 9.716 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion: 91 Resp: 90829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 16.2 | 48.6# |

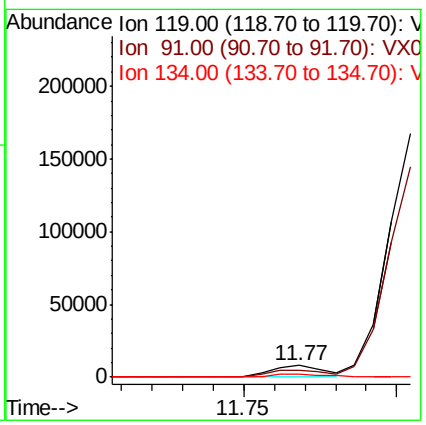


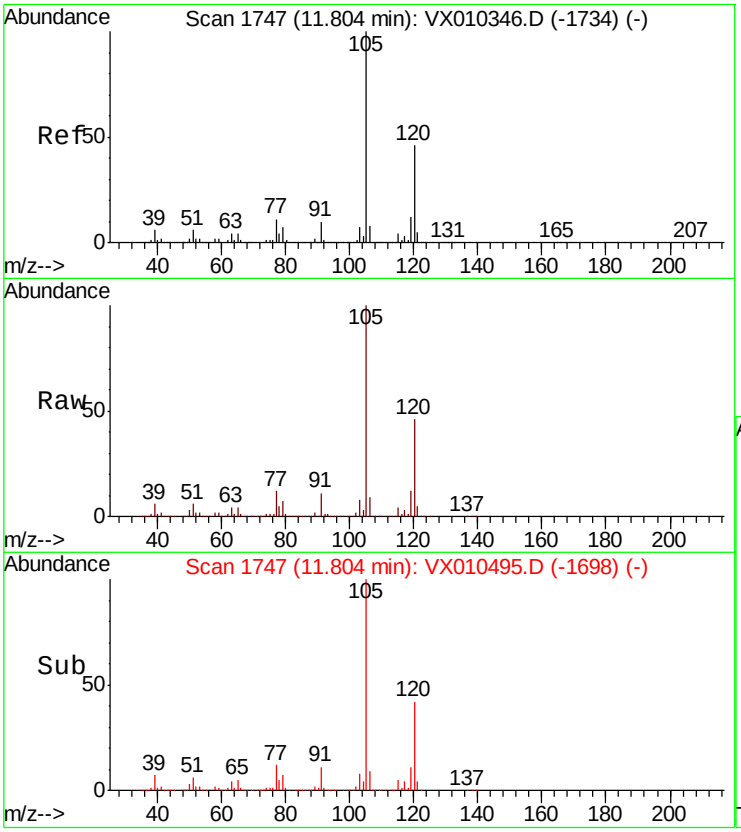




#83
tert-Butylbenzene
Concen: 0.950 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion:119 Resp: 9866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 66.3 | 27.6 | 82.7 |
| 134 | 27.5 | 11.8 | 35.4 |



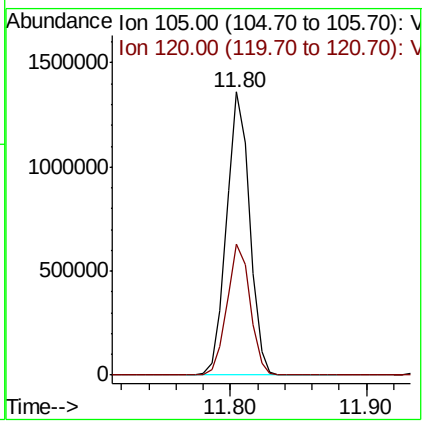


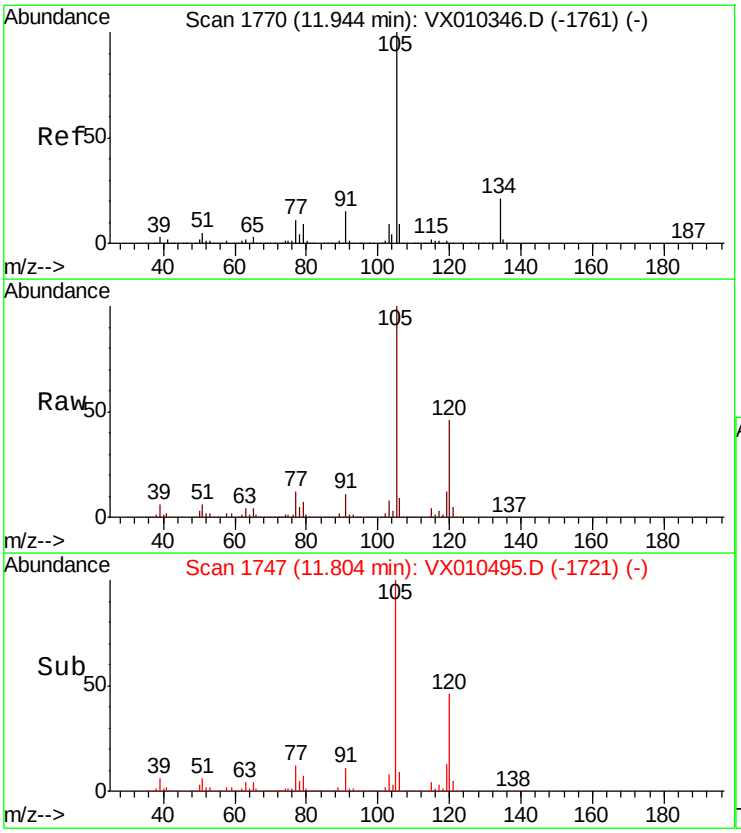

#84
1,2,4-Trimethylbenzene
Concen: 153.429 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion:105 Resp: 1595290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.5 | 23.1 | 69.2 |

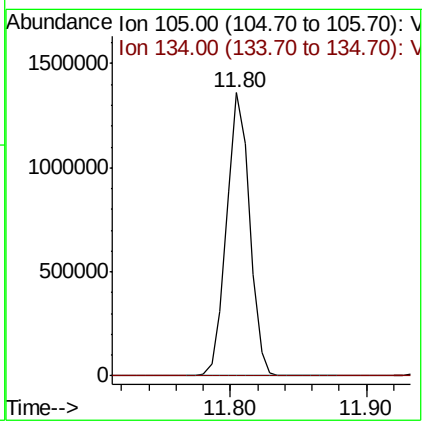


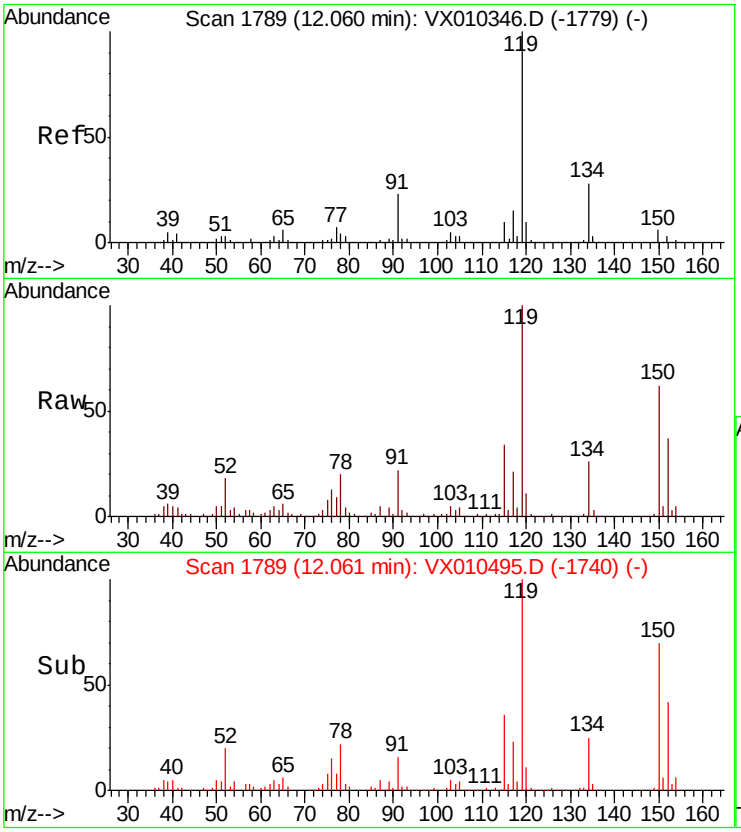




#85
sec-Butylbenzene
Concen: 130.805 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion:105 Resp: 1595290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 0.0 | 10.7 | 31.9# |



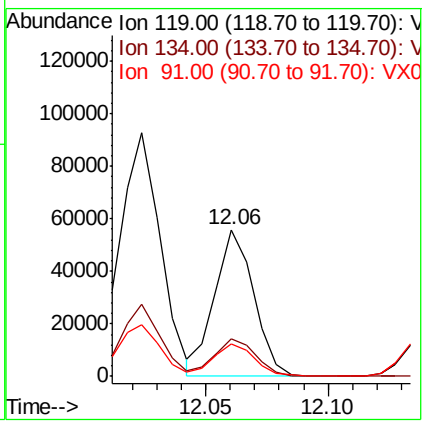


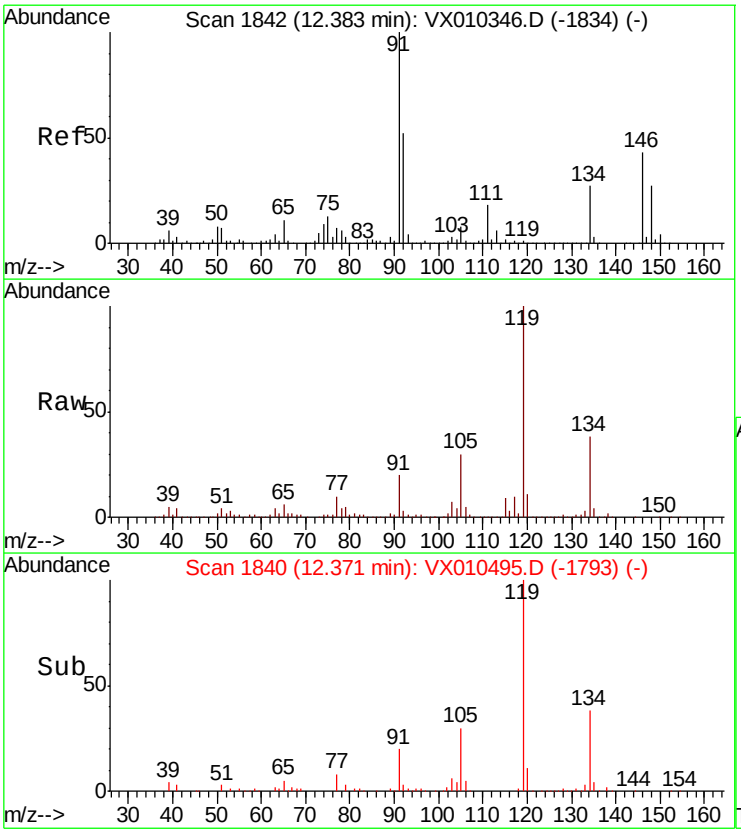

#86
p-Isopropyltoluene
Concen: 5.490 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion:119 Resp: 61936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.7 | 13.7 | 41.1 |
| 91 | 22.8 | 11.3 | 33.8 |

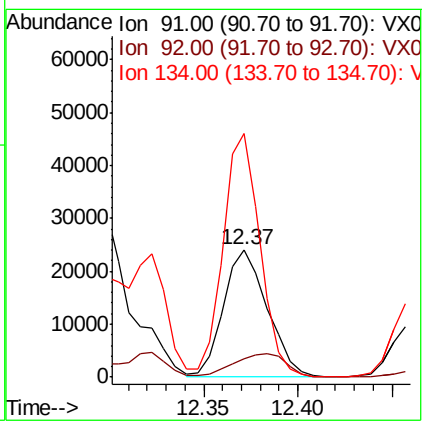


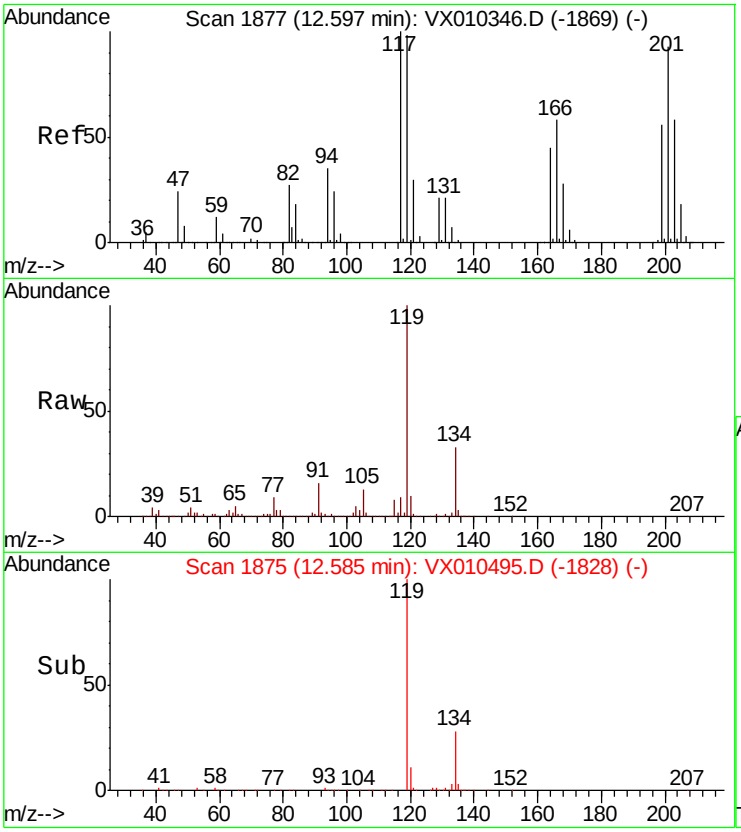




#89
n-Butylbenzene
Concen: 4.007 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 91 Resp: 38408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 22.3 | 26.2 | 78.5# |
| 134 | 163.3 | 14.1 | 42.4# |



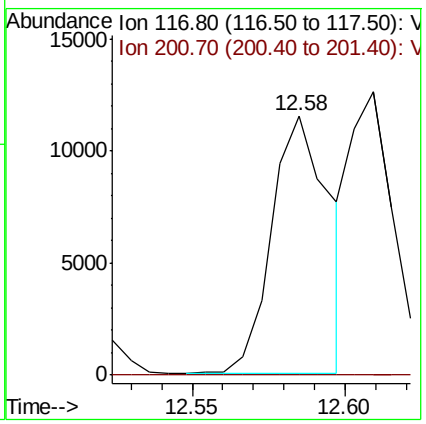


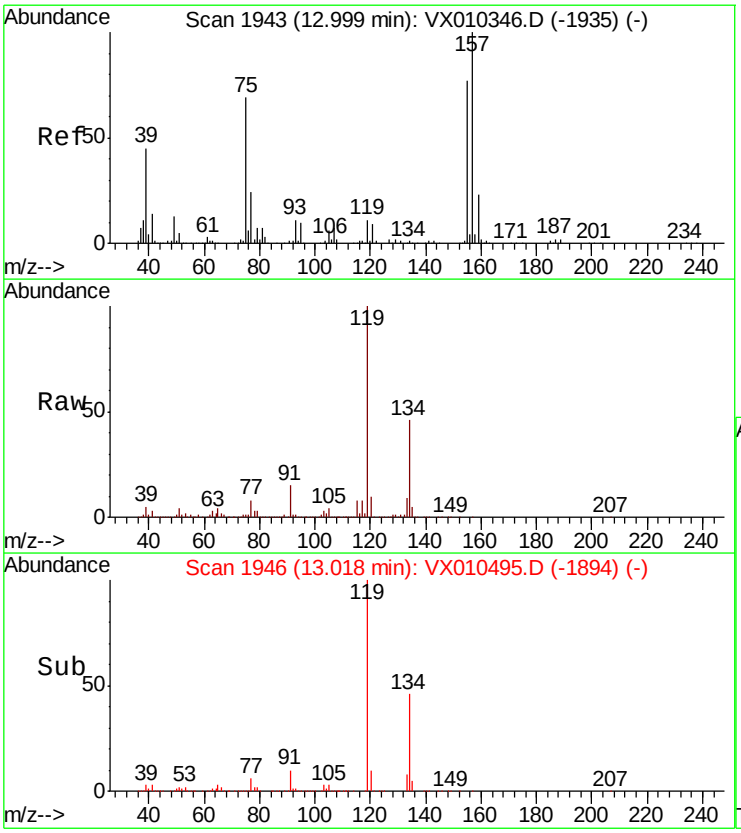

#90
Hexachloroethane
Concen: 7.717 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion:117 Resp: 15052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 44.0 | 131.8# |

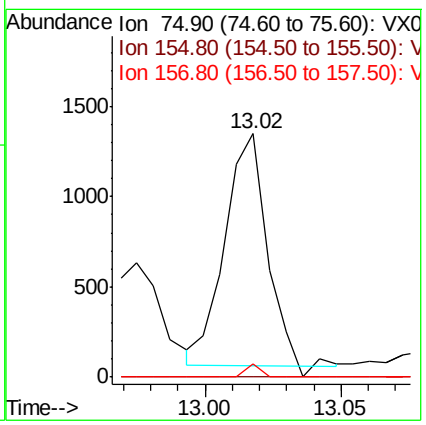


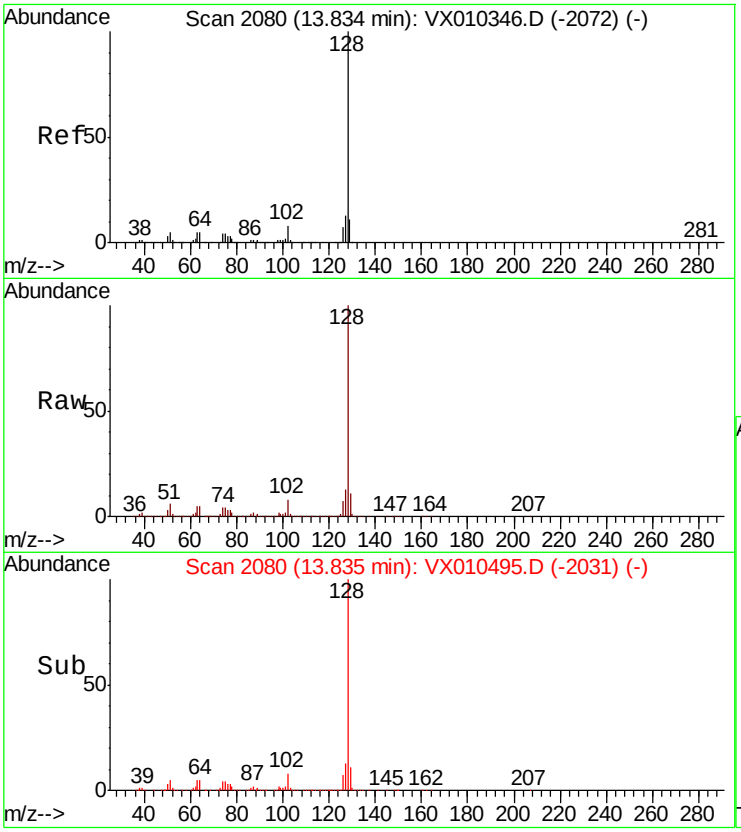




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.542 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

Tgt Ion: 75 Resp: 1382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 54.4 | 163.1# |
| 157 | 1.9 | 69.5 | 208.3# |






#95
Naphthalene
Concen: 45.999 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010495.D
Acq: 27 Jun 2019 17:40

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

Tgt Ion:128 Resp: 596153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.2 | 15.4 |
| 129 | 11.2 | 8.9 | 13.3 |