Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090718\
Data File : VX004401.D
Acq On : 07 Sep 2018 11:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Quant Time: Sep 08 03:19:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 369008 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 521993 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 486206 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 305607 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 214024 | 44.50 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 89.00% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 189179 | 48.72 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.44% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 708025 | 48.30 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.60% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 276514 | 50.56 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.12% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.19 | 85 | 159817 | 37.39 | ug/l | 97 |
| 3) Chloromethane | 1.32 | 50 | 183548 | 38.92 | ug/l | 100 |
| 4) Vinyl Chloride | 1.40 | 62 | 207018 | 42.82 | ug/l | 99 |
| 5) Bromomethane | 1.64 | 94 | 100797 | 41.97 | ug/l | 99 |
| 6) Chloroethane | 1.71 | 64 | 147867 | 42.69 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 295150 | 44.55 | ug/l | 95 |
| 8) Diethyl Ether | 2.18 | 74 | 133979 | 47.22 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 191937 | 46.25 | ug/l | 99 |
| 10) Methyl Iodide | 2.51 | 142 | 213524 | 45.97 | ug/l | 98 |
| 11) Tert butyl alcohol | 3.06 | 59 | 227214 | 221.62 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 173341 | 44.34 | ug/l | 99 |
| 13) Acrolein | 2.29 | 56 | 74068 | 299.67 | ug/l | 99 |
| 14) Allyl chloride | 2.72 | 41 | 338924 | 47.19 | ug/l | 98 |
| 15) Acrylonitrile | 3.15 | 53 | 584745 | 230.31 | ug/l | 99 |
| 16) Acetone | 2.44 | 43 | 480285 | 244.45 | ug/l | 99 |
| 17) Carbon Disulfide | 2.57 | 76 | 433812 | 40.12 | ug/l | 100 |
| 18) Methyl Acetate | 2.78 | 43 | 419142 | 58.73 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.20 | 73 | 626358 | 48.62 | ug/l | 97 |
| 20) Methylene Chloride | 2.85 | 84 | 203743 | 44.01 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 3.16 | 96 | 188709 | 43.61 | ug/l | 97 |
| 22) Diisopropyl ether | 3.87 | 45 | 636260 | 47.45 | ug/l | 99 |
| 23) Vinyl Acetate | 3.82 | 43 | 2463965 | 226.70 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.69 | 63 | 368122 | 47.10 | ug/l | 99 |
| 25) 2-Butanone | 4.70 | 43 | 762662 | 236.50 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.57 | 77 | 300349 | 49.00 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.59 | 96 | 227514 | 46.36 | ug/l | 100 |
| 28) Bromochloromethane | 5.01 | 49 | 167438 | 48.39 | ug/l | 100 |
| 29) Tetrahydrofuran | 5.15 | 42 | 479805 | 232.19 | ug/l | 100 |
| 30) Chloroform | 5.21 | 83 | 363156 | 46.35 | ug/l | 97 |
| 31) Cyclohexane | 5.57 | 56 | 308551 | 45.76 | ug/l | 98 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 307045 | 46.99 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.79 | 75 | 273221 | 46.56 | ug/l | 99 |
| 37) Ethyl Acetate | 4.85 | 43 | 266441 | 46.17 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 263830 | 47.79 | ug/l | 97 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090718\
Data File : VX004401.D
Acq On : 07 Sep 2018 11:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Quant Time: Sep 08 03:19:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 332587 | 49.64 | ug/l | | 98 |
| 40) Benzene | 6.14 | 78 | 834770 | 47.61 | ug/l | | 100 |
| 41) Methacrylonitrile | 5.06 | 41 | 165203 | 49.38 | ug/l | | 99 |
| 42) 1,2-Dichloroethane | 6.20 | 62 | 275218 | 46.01 | ug/l | | 99 |
| 43) Isopropyl Acetate | 6.46 | 43 | 444149 | 50.08 | ug/l | | 99 |
| 44) Trichloroethene | 7.21 | 130 | 231502 | 47.69 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 219052 | 49.91 | ug/l | | 100 |
| 46) Dibromomethane | 7.66 | 93 | 135770 | 46.46 | ug/l | | 97 |
| 47) Bromodichloromethane | 7.90 | 83 | 272329 | 50.08 | ug/l | | 99 |
| 48) Methyl methacrylate | 7.77 | 41 | 235803 | 49.69 | ug/l | | 98 |
| 49) 1,4-Dioxane | 7.75 | 88 | 101771 | 944.60 | ug/l | | 99 |
| 51) 4-Methyl-2-Pentanone | 8.65 | 43 | 1495631 | 232.11 | ug/l | | 99 |
| 52) Toluene | 8.79 | 92 | 535830 | 48.82 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 315521 | 52.54 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 342752 | 52.40 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 217609 | 49.11 | ug/l | | 99 |
| 56) Ethyl methacrylate | 9.18 | 69 | 325115 | 53.90 | ug/l | | 97 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 369214 | 49.44 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 674781 | 218.33 | ug/l | | 100 |
| 59) 2-Hexanone | 9.49 | 43 | 1147484 | 233.42 | ug/l | | 99 |
| 60) Dibromochloromethane | 9.59 | 129 | 222612 | 51.57 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 224018 | 48.85 | ug/l | | 98 |
| 64) Tetrachloroethene | 9.34 | 164 | 240227 | 50.02 | ug/l | | 98 |
| 65) Chlorobenzene | 10.14 | 112 | 582484 | 47.73 | ug/l | | 91 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 210312 | 49.97 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.25 | 91 | 980666 | 49.49 | ug/l | | 93 |
| 68) m/p-Xylenes | 10.36 | 106 | 805660 | 103.97 | ug/l | | 100 |
| 69) o-Xylene | 10.70 | 106 | 370795 | 50.59 | ug/l | | 97 |
| 70) Styrene | 10.71 | 104 | 624558 | 52.62 | ug/l | | 98 |
| 71) Bromoform | 10.86 | 173 | 170242 | 50.18 | ug/l | # | 99 |
| 73) Isopropylbenzene | 11.02 | 105 | 1054442 | 52.53 | ug/l | | 100 |
| 74) N-amyl acetate | 10.90 | 43 | 386080 | 49.96 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 324848 | 46.25 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 11.30 | 75 | 389109 | 62.60 | ug/l | | 86 |
| 77) Bromobenzene | 11.26 | 156 | 276935 | 49.19 | ug/l | | 98 |
| 78) n-propylbenzene | 11.36 | 91 | 1217281 | 52.73 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 712051 | 50.11 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 880696 | 52.98 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 101724 | 53.10 | ug/l | | 95 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 834906 | 49.93 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.77 | 119 | 887769 | 53.08 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 908898 | 53.27 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 1100996 | 55.45 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 12.07 | 119 | 989257 | 55.59 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 522546 | 49.29 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 525469 | 47.01 | ug/l | | 99 |
| 89) n-Butylbenzene | 12.39 | 91 | 865039 | 59.78 | ug/l | | 98 |
| 90) Hexachloroethane | 12.60 | 117 | 140045 | 56.31 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 521885 | 53.87 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 61723 | 49.89 | ug/l | | 95 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090718\
Data File : VX004401.D
Acq On : 07 Sep 2018 11:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Quant Time: Sep 08 03:19:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180 | 380025 | 53.91 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.79 | 225 | 193465 | 59.02 | ug/l | 97 |
| 95) Naphthalene | 13.83 | 128 | 1125017 | 56.42 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 397180 | 53.22 | ug/l | 99 |

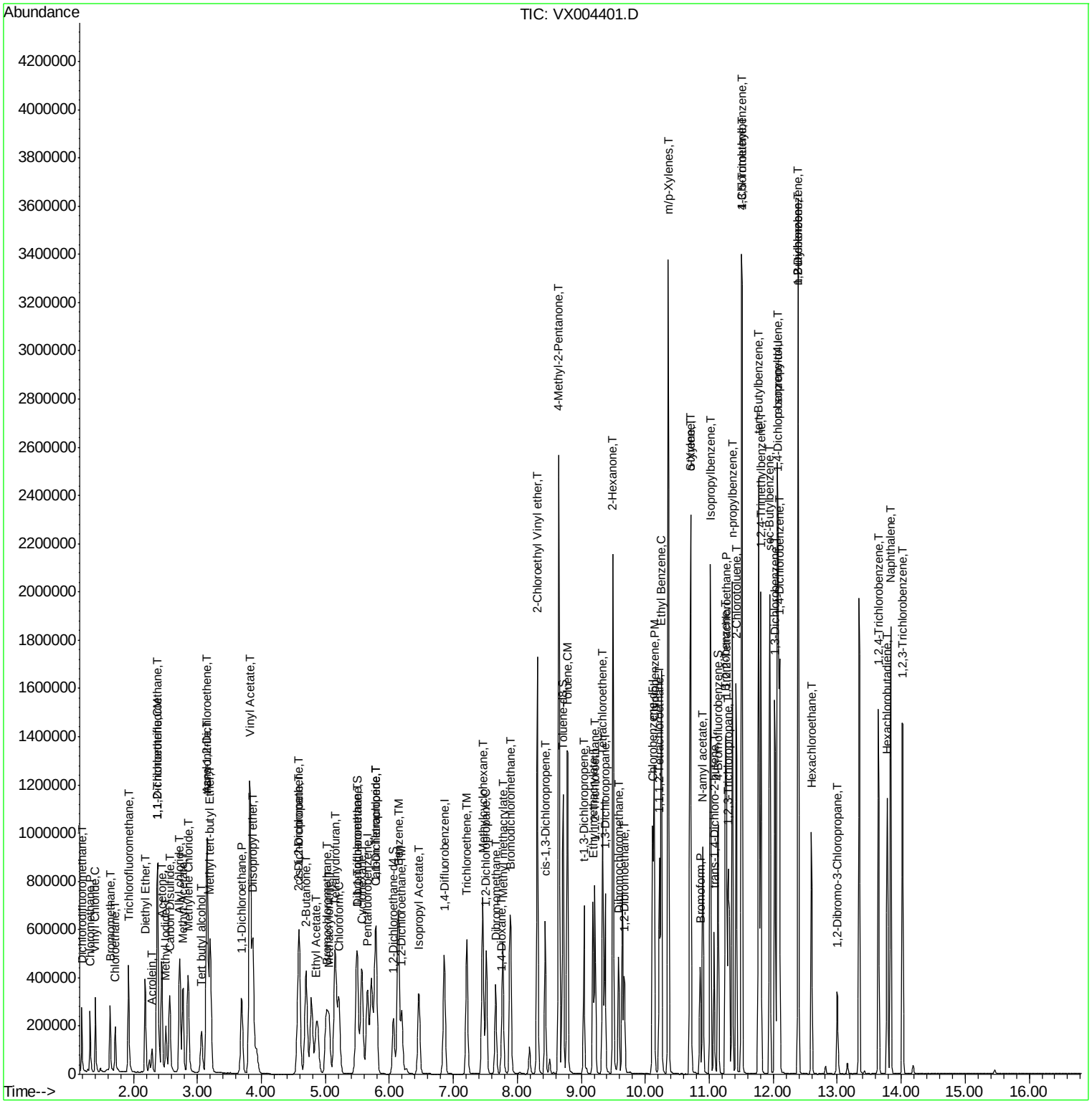
(#) = qualifier out of range (m) = manual integration (+) = signals summed

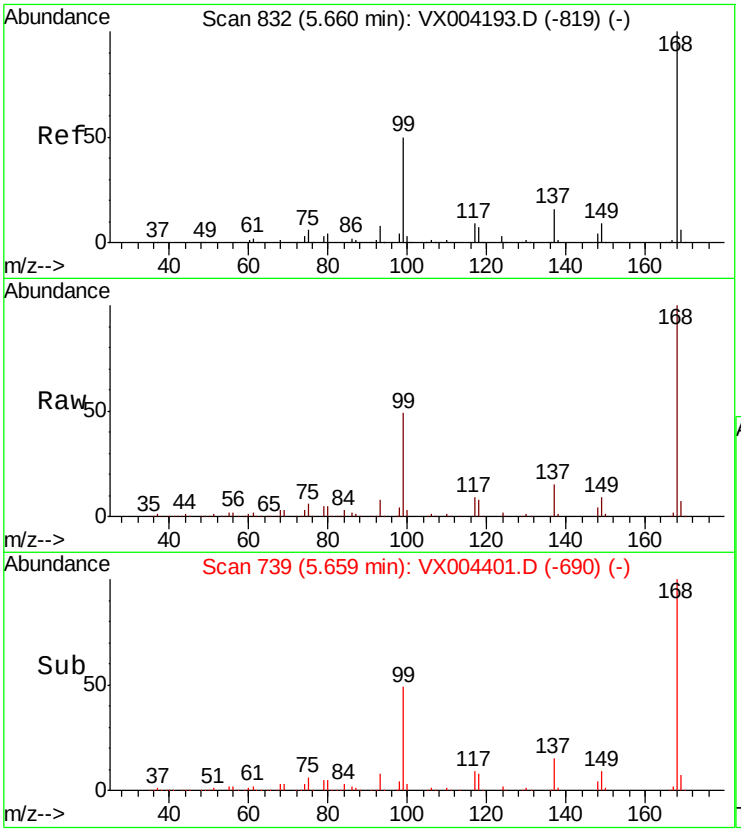
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090718\
Data File : VX004401.D
Acq On : 07 Sep 2018 11:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Quant Time: Sep 08 03:19:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration



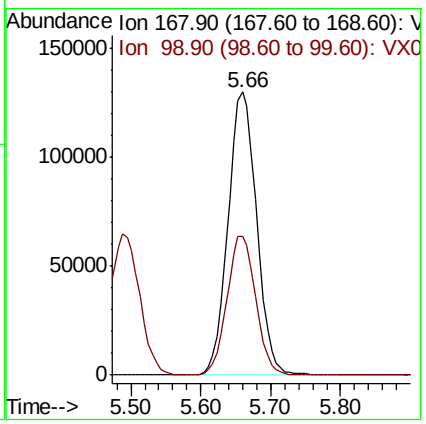


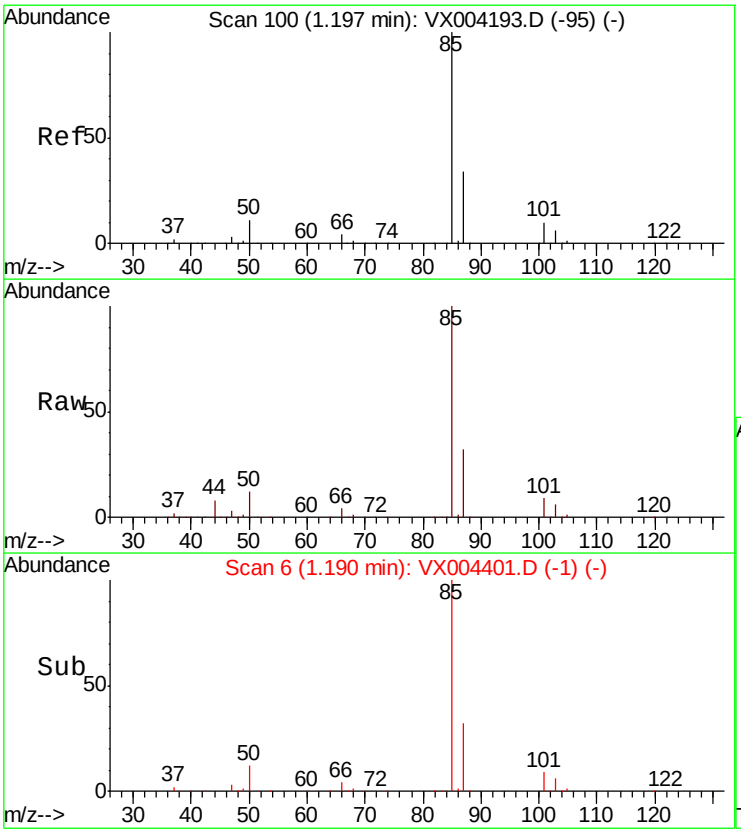

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:168 Resp: 369008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.7 | 39.9 | 59.9 |

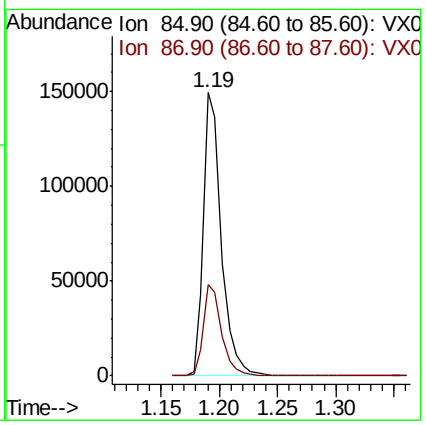


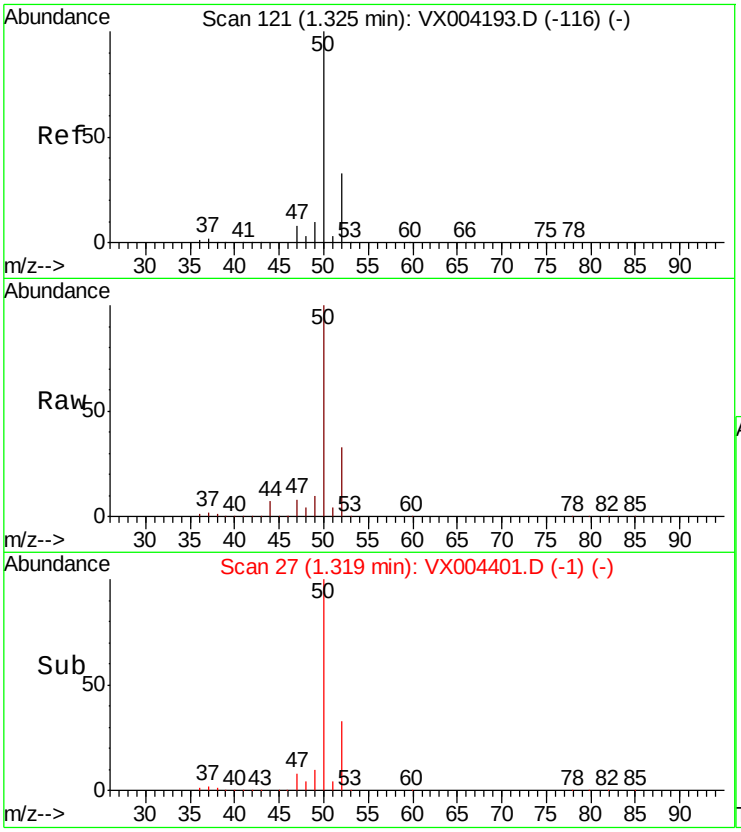




#2
Dichlorodifluoromethane
Concen: 37.39 ug/l
RT: 1.19 min Scan# 6
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 85 Resp: 159817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.2 | 17.0 | 50.9 |



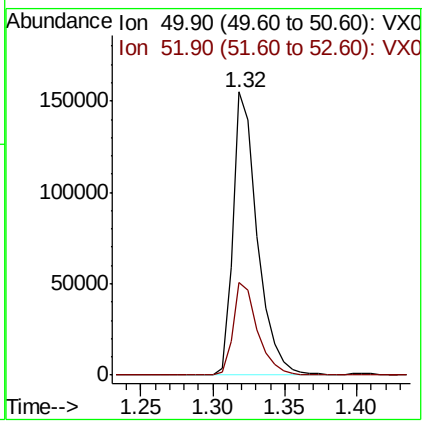


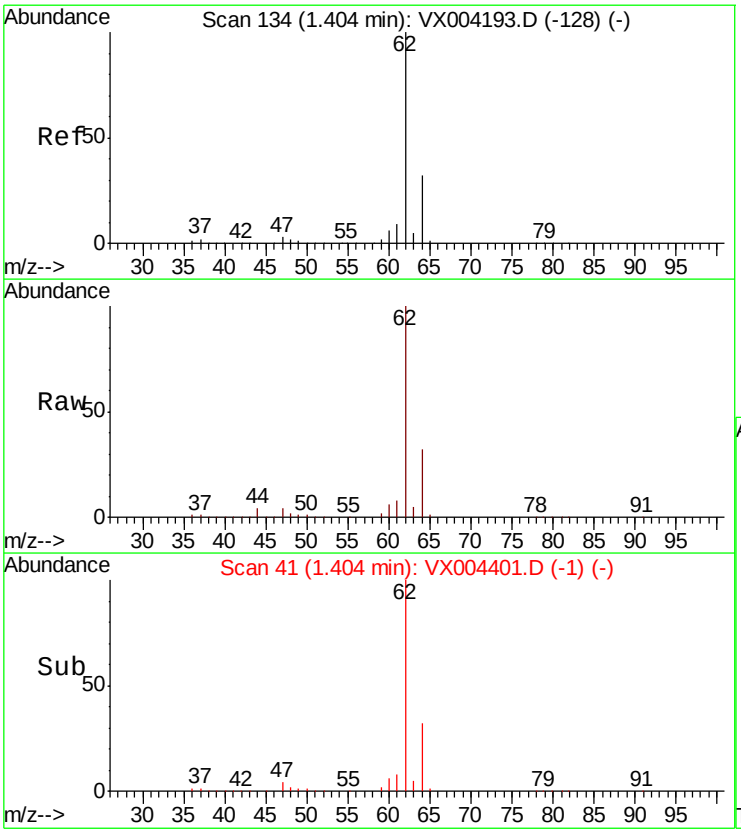

#3
Chloromethane
Concen: 38.92 ug/l
RT: 1.32 min Scan# 27
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 50 Resp: 183548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.9 | 26.2 | 39.2 |

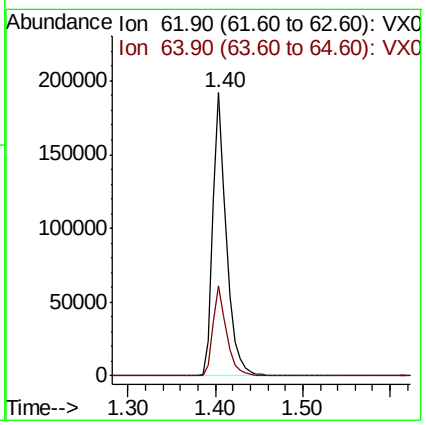


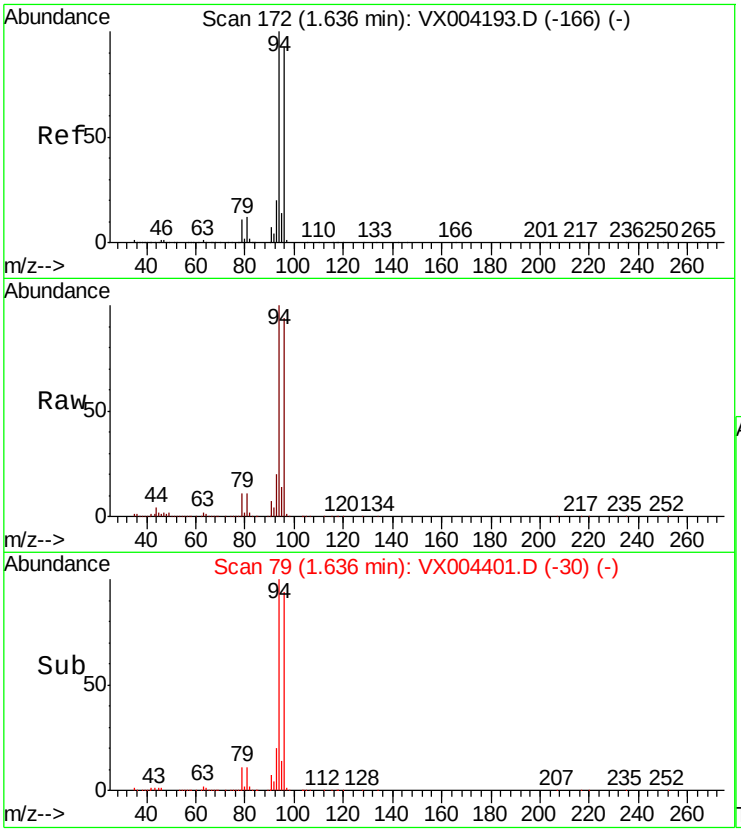




#4
Vinyl Chloride
Concen: 42.82 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 62 Resp: 207018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.6 | 25.8 | 38.8 |



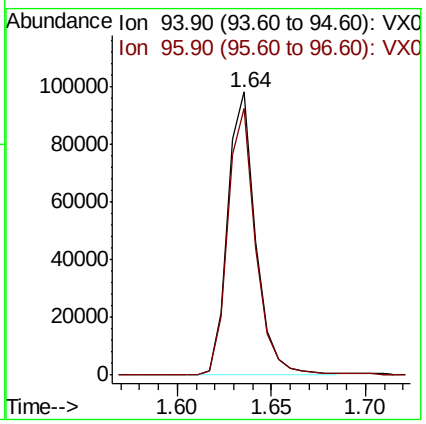


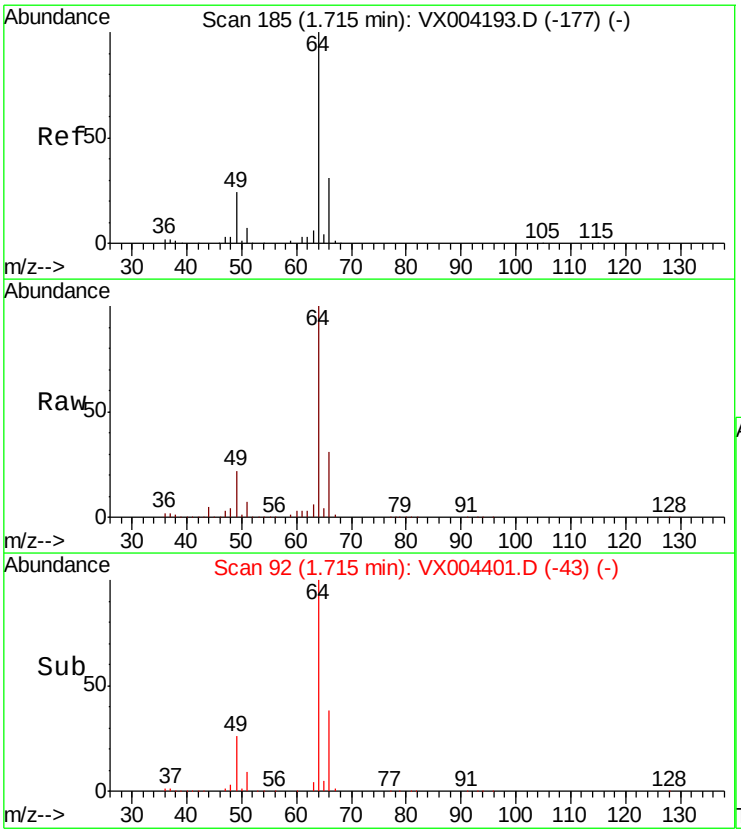

#5
Bromomethane
Concen: 41.97 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 94 Resp: 100797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.1 | 74.5 | 111.7 |

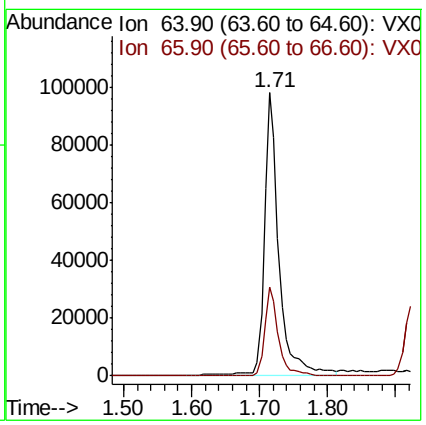


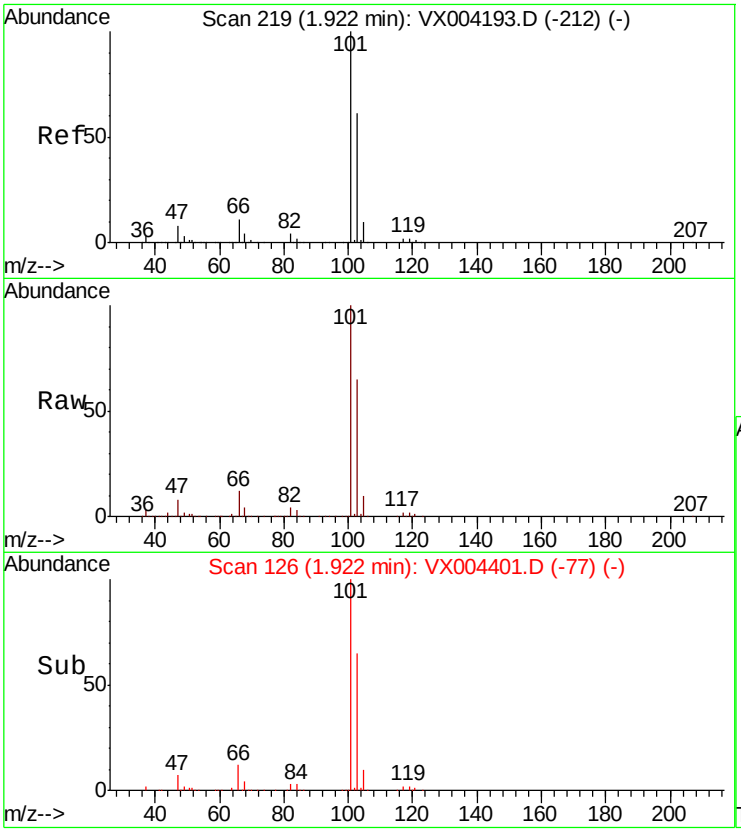




#6
Chloroethane
Concen: 42.69 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 64 Resp: 147867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.3 | 24.6 | 36.8 |



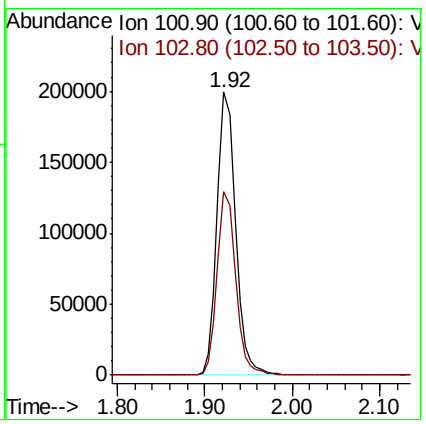


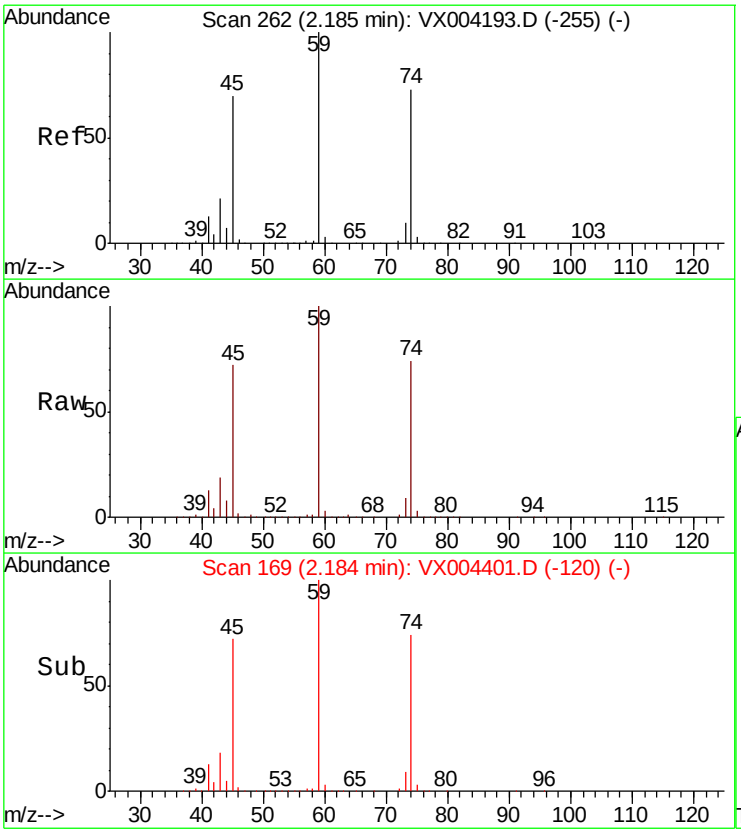

#7
Trichlorofluoromethane
Concen: 44.55 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 295150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.8 | 48.9 | 73.3 |

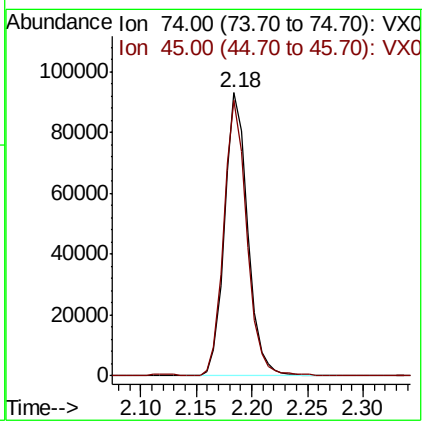


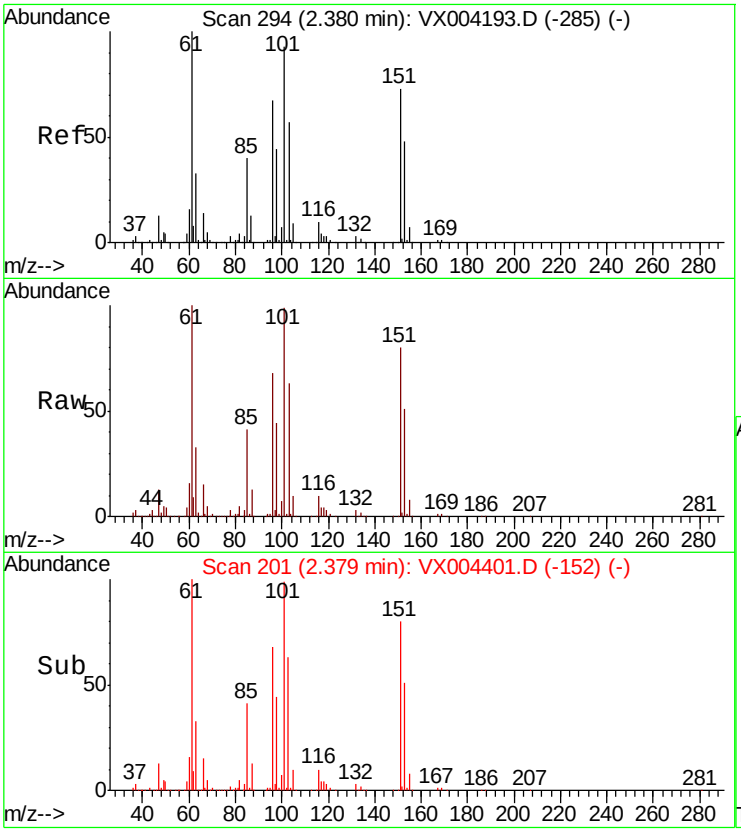




#8
Diethyl Ether
Concen: 47.22 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 74 Resp: 133979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 96.7 | 48.3 | 144.8 |



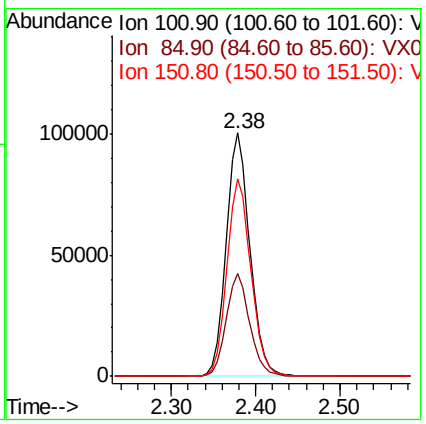


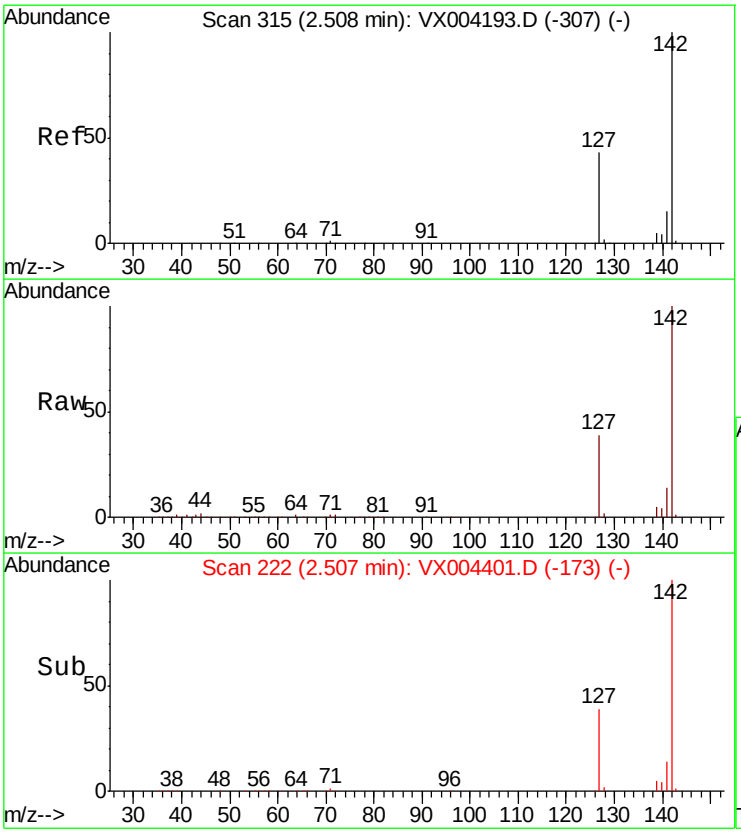

#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.25 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 191937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.9 | 34.2 | 51.4 |
| 151 | 82.2 | 65.0 | 97.6 |

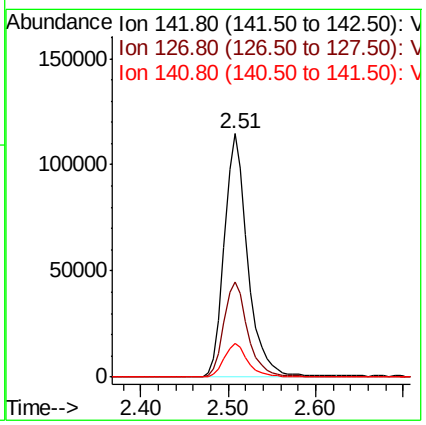


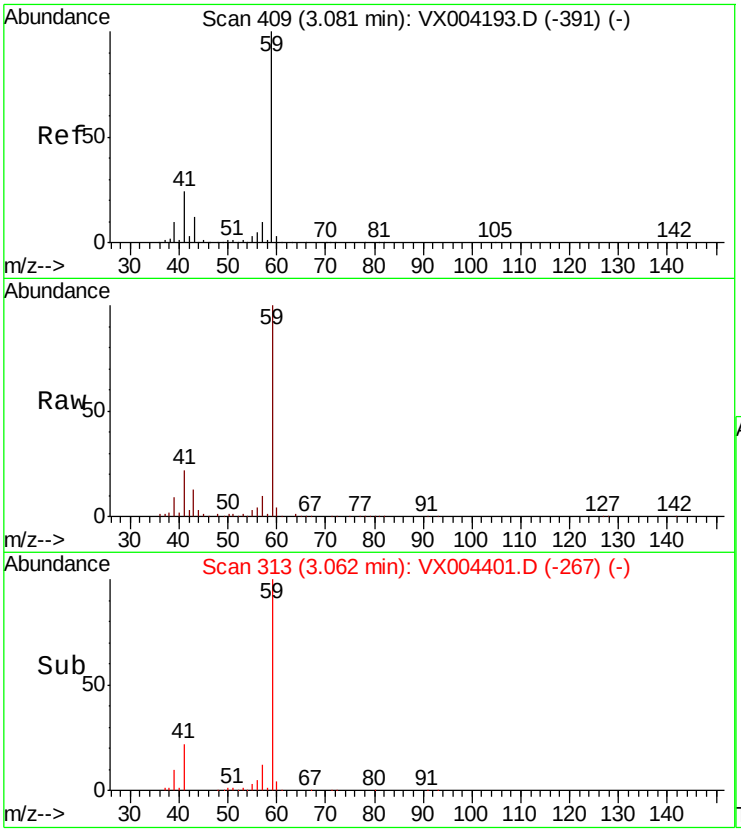




#10
Methyl Iodide
Concen: 45.97 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:142 Resp: 213524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 40.2 | 33.8 | 50.6 |
| 141 | 14.0 | 11.4 | 17.0 |



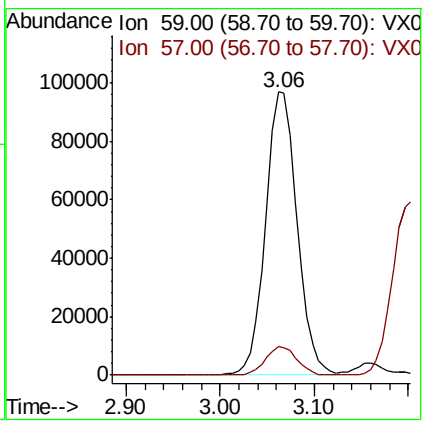


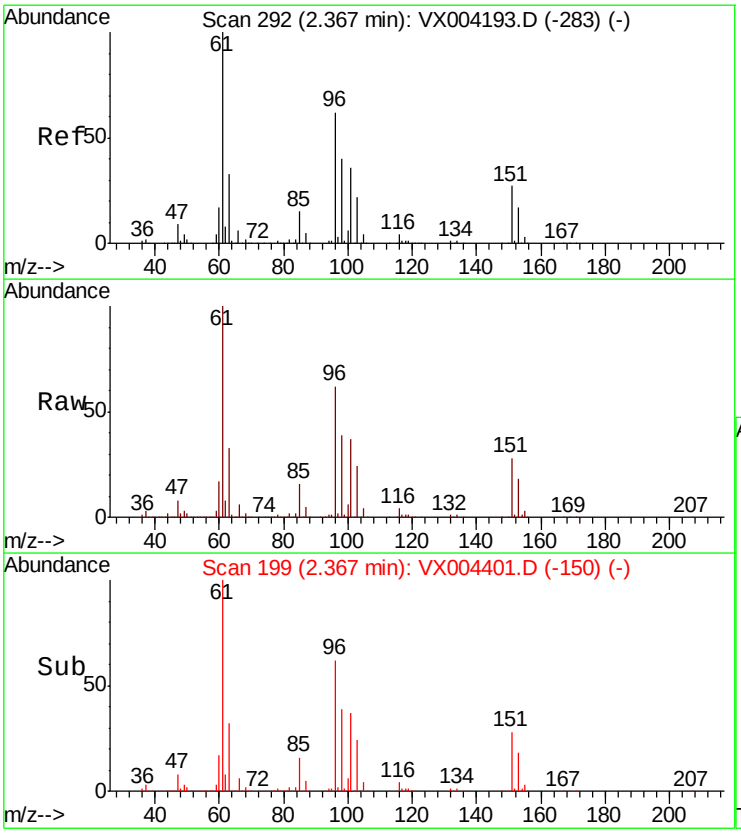

#11
Tert butyl alcohol
Concen: 221.62 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 59 Resp: 227214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.2 | 8.2 | 12.4 |

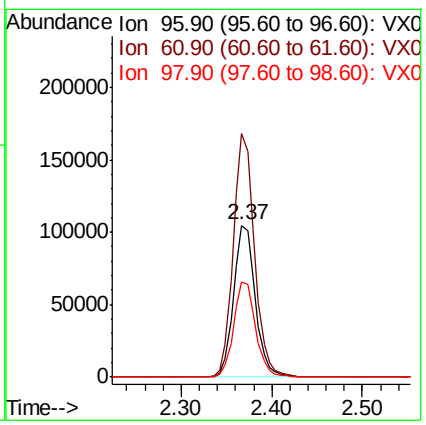


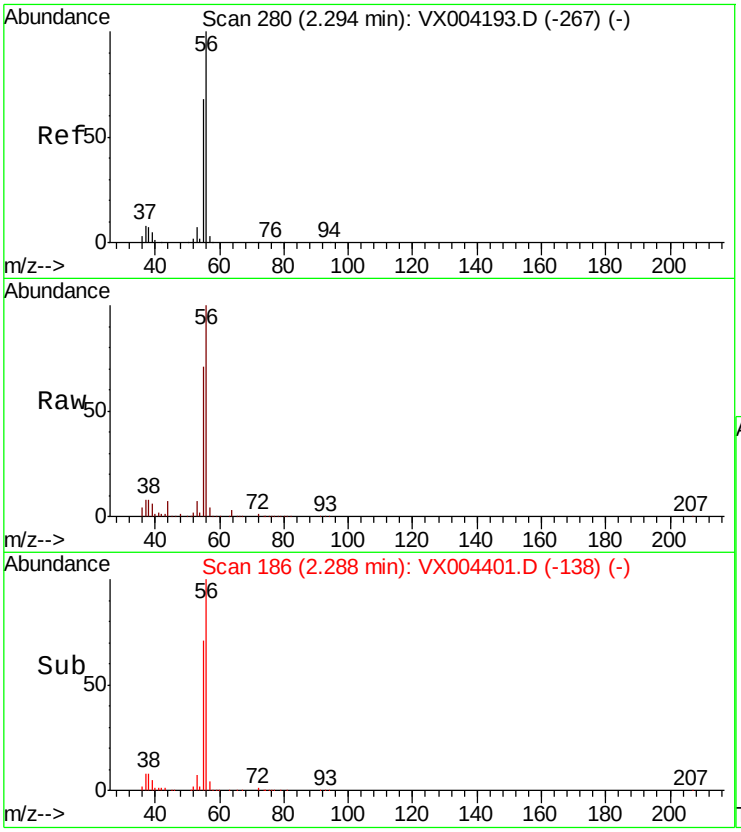




#12
1,1-Dichloroethene
Concen: 44.34 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 96 Resp: 173341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 160.3 | 128.8 | 193.2 |
| 98 | 62.9 | 52.2 | 78.2 |



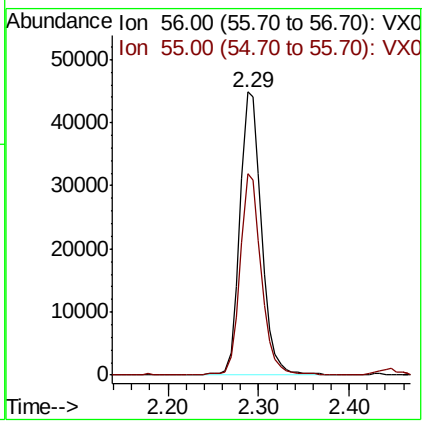


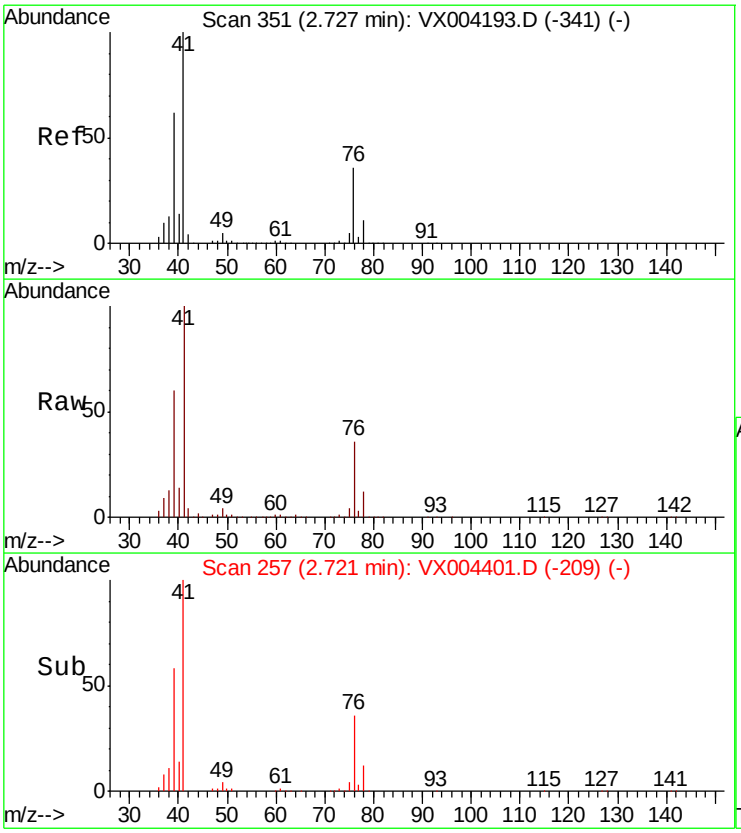

#13
Acrolein
Concen: 299.67 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 74068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 69.3 | 54.7 | 82.1 |

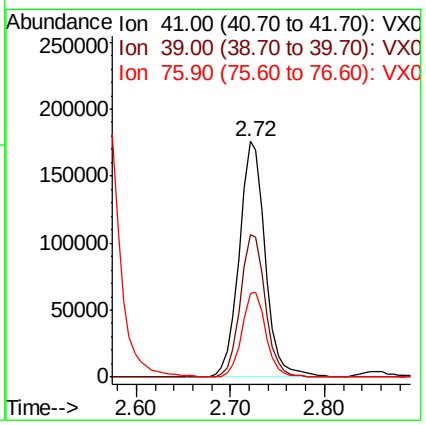


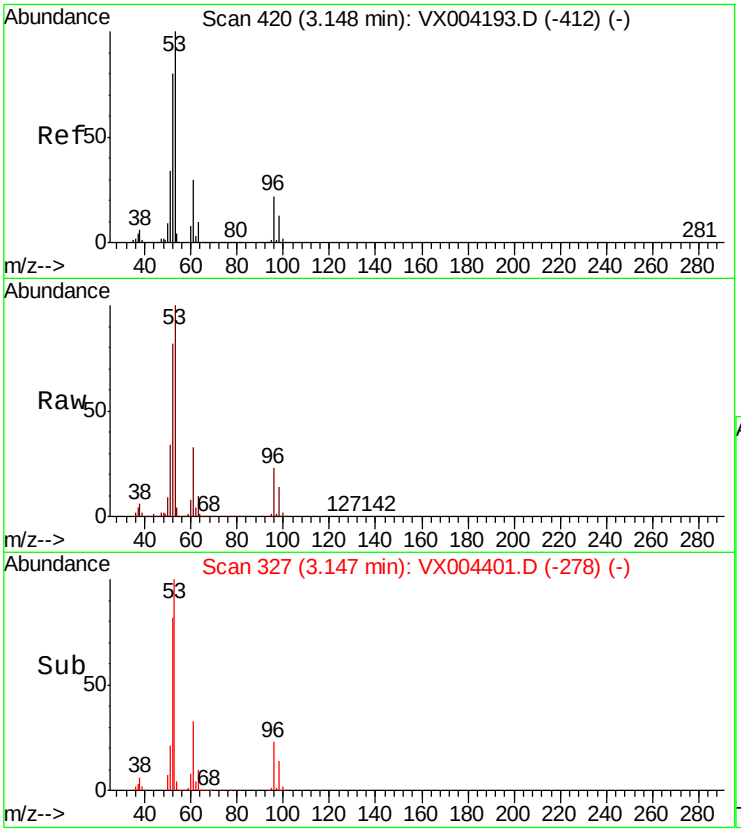




#14
Allyl chloride
Concen: 47.19 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 41 Resp: 338924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 58.3 | 48.9 | 73.3 |
| 76 | 33.4 | 26.7 | 40.1 |



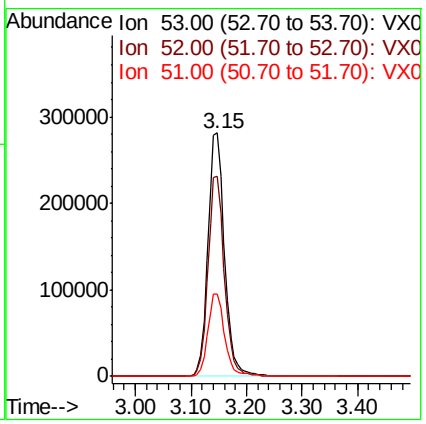


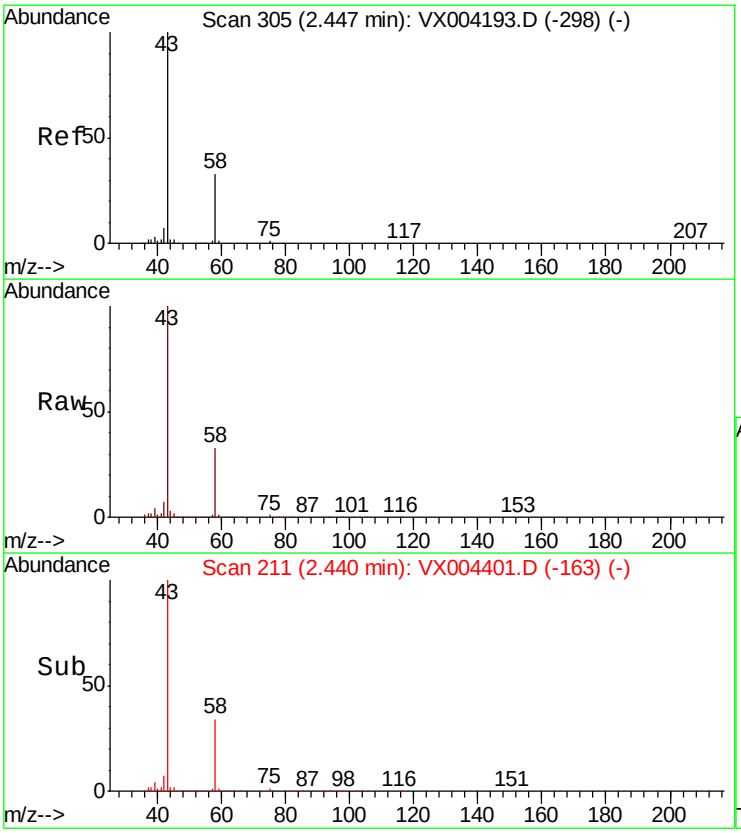

#15
Acrylonitrile
Concen: 230.31 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 53 Resp: 584745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.0 | 65.2 | 97.8 |
| 51 | 34.3 | 28.2 | 42.2 |

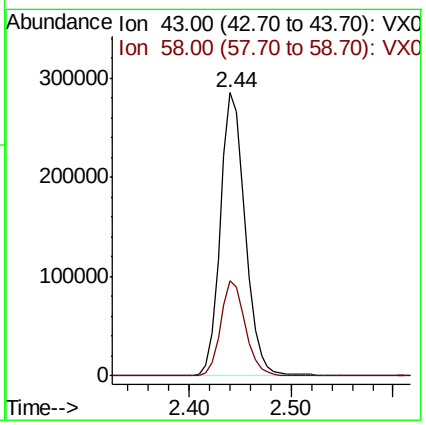


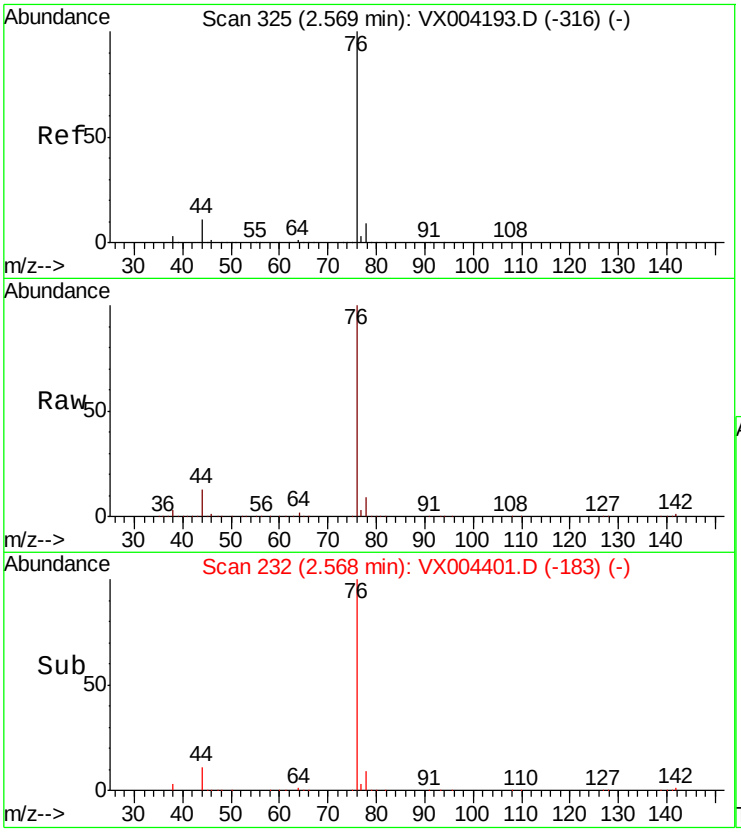




#16
Acetone
Concen: 244.45 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 43 Resp: 480285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.5 | 26.2 | 39.4 |



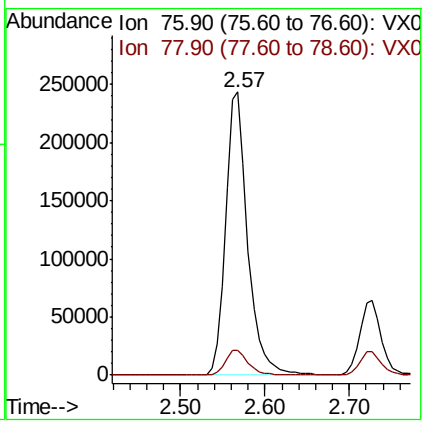


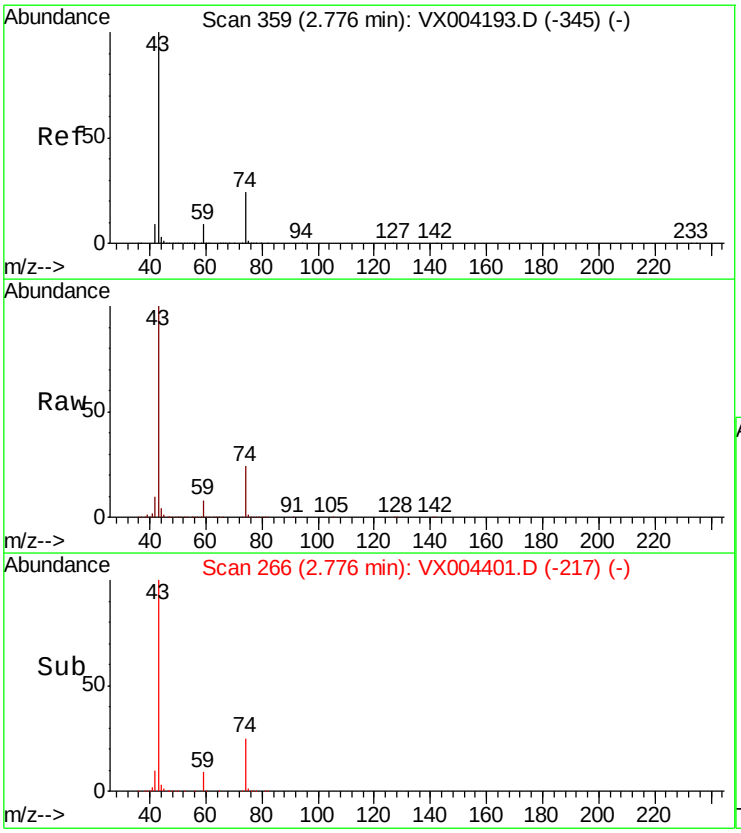

#17
Carbon Disulfide
Concen: 40.12 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 433812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.8 | 7.0 | 10.6 |

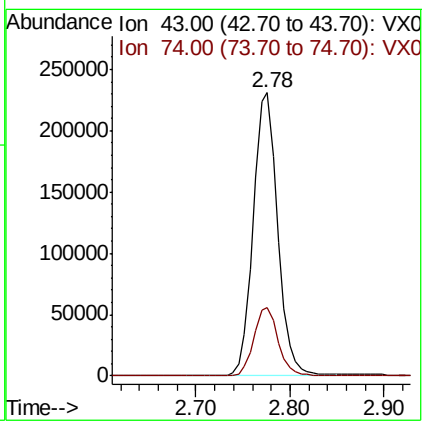


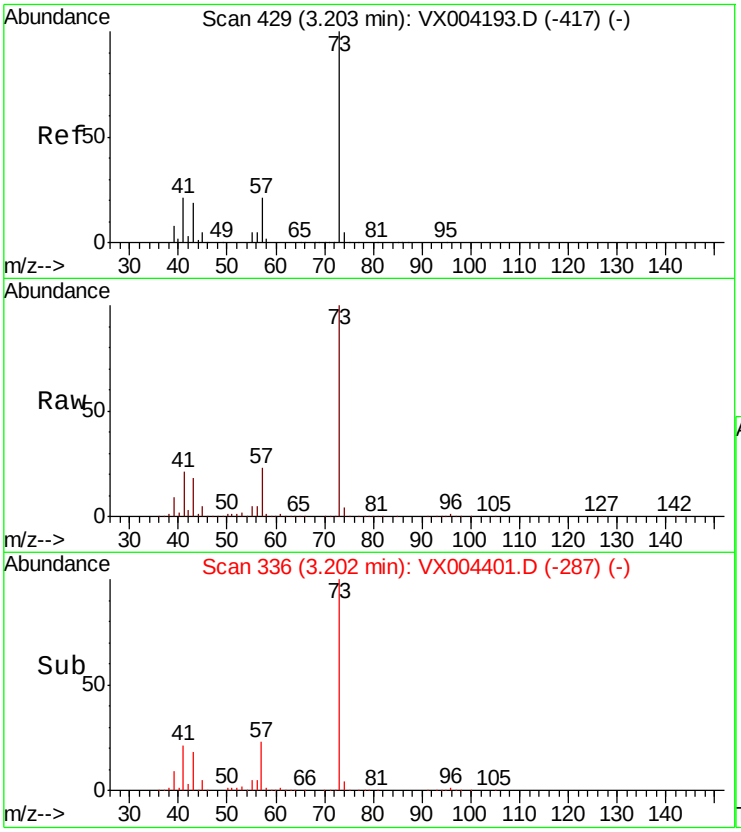




#18
Methyl Acetate
Concen: 58.73 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 43 Resp: 419142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.4 | 19.4 | 29.2 |



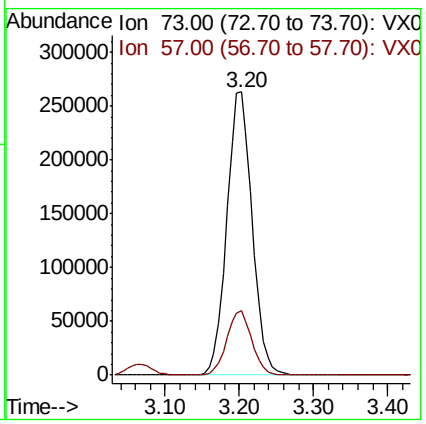


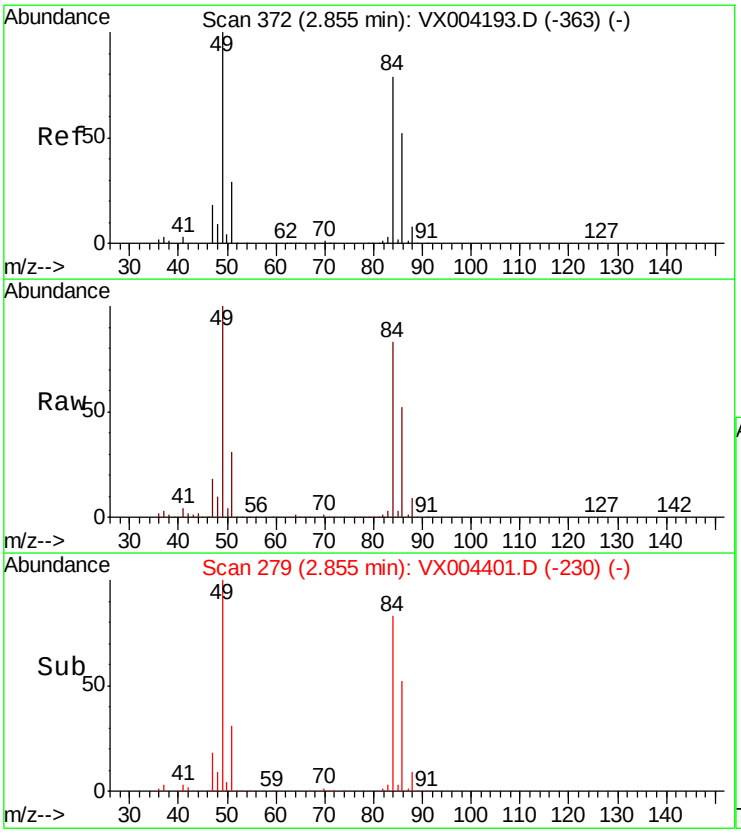

#19
Methyl tert-butyl Ether
Concen: 48.62 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 73 Resp: 626358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.6 | 17.1 | 25.7 |

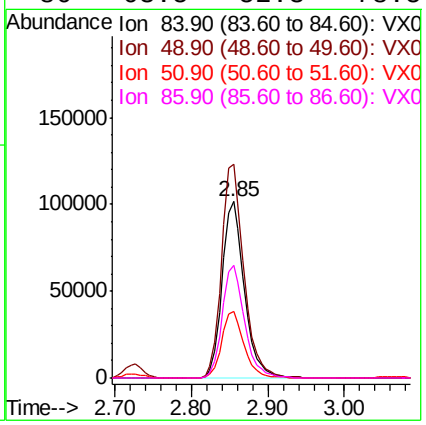


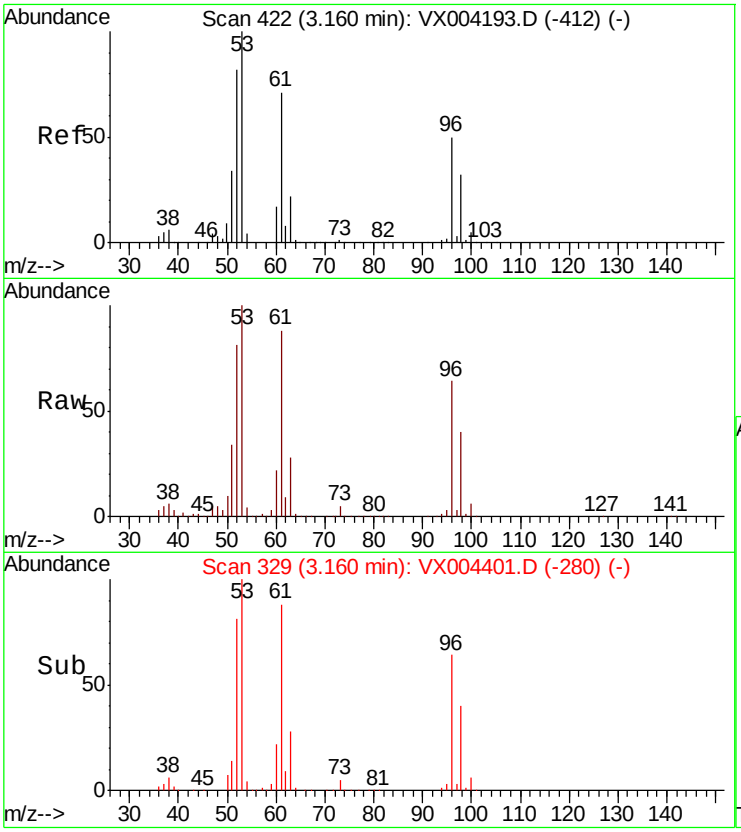




#20
Methylene Chloride
Concen: 44.01 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 84 Resp: 203743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 121.0 | 101.2 | 151.8 |
| 51 | 37.8 | 29.5 | 44.3 |
| 86 | 63.5 | 52.3 | 78.5 |



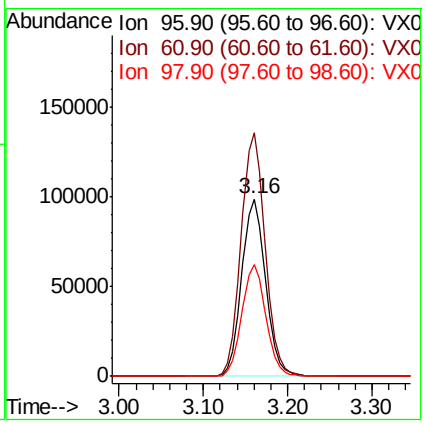


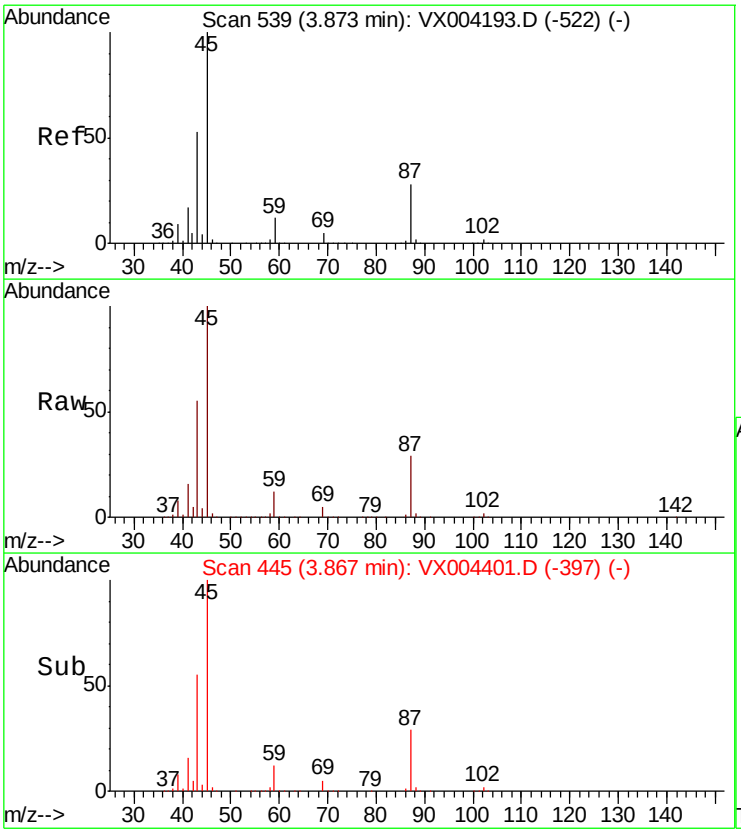

#21
trans-1,2-Dichloroethene
Concen: 43.61 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 188709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 137.3 | 113.8 | 170.6 |
| 98 | 63.0 | 51.8 | 77.8 |

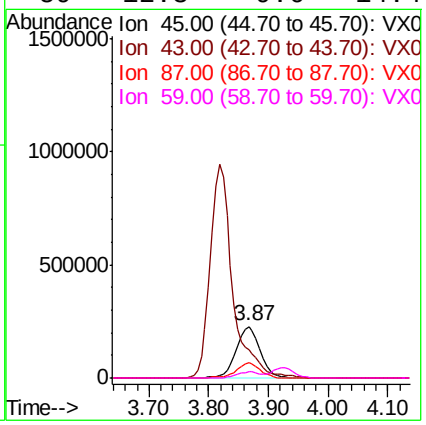


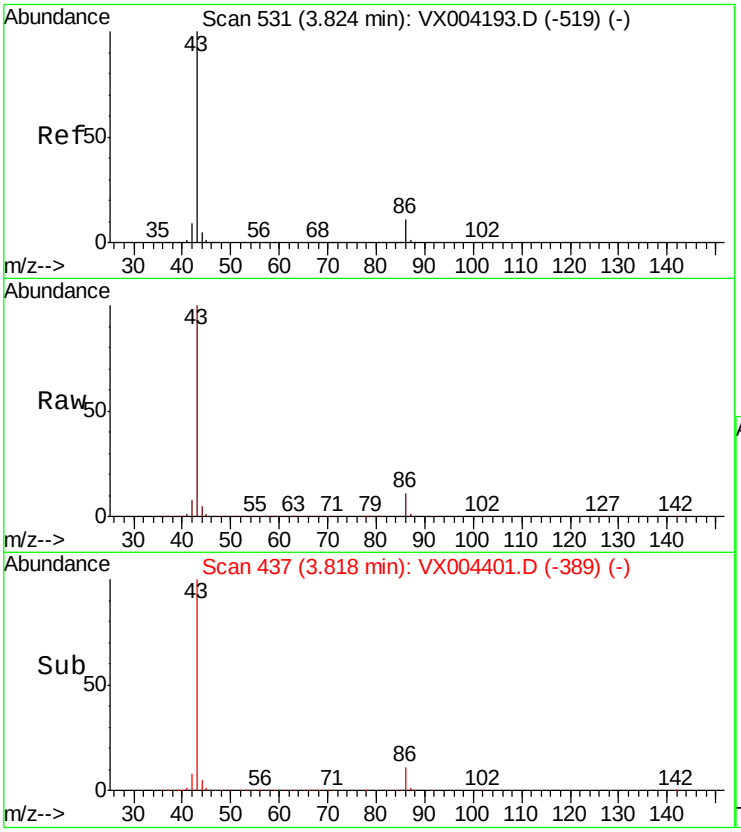




#22
Diisopropyl ether
Concen: 47.45 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 45 Resp: 636260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 54.5 | 42.8 | 64.2 |
| 87 | 28.9 | 22.6 | 34.0 |
| 59 | 12.3 | 9.6 | 14.4 |



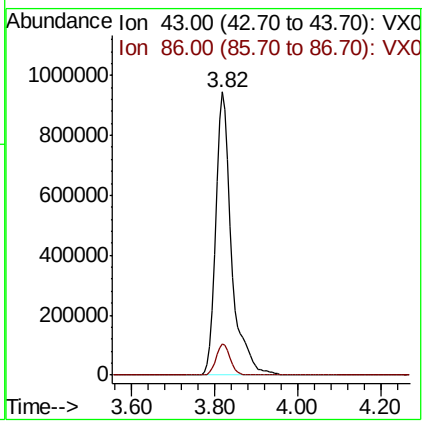


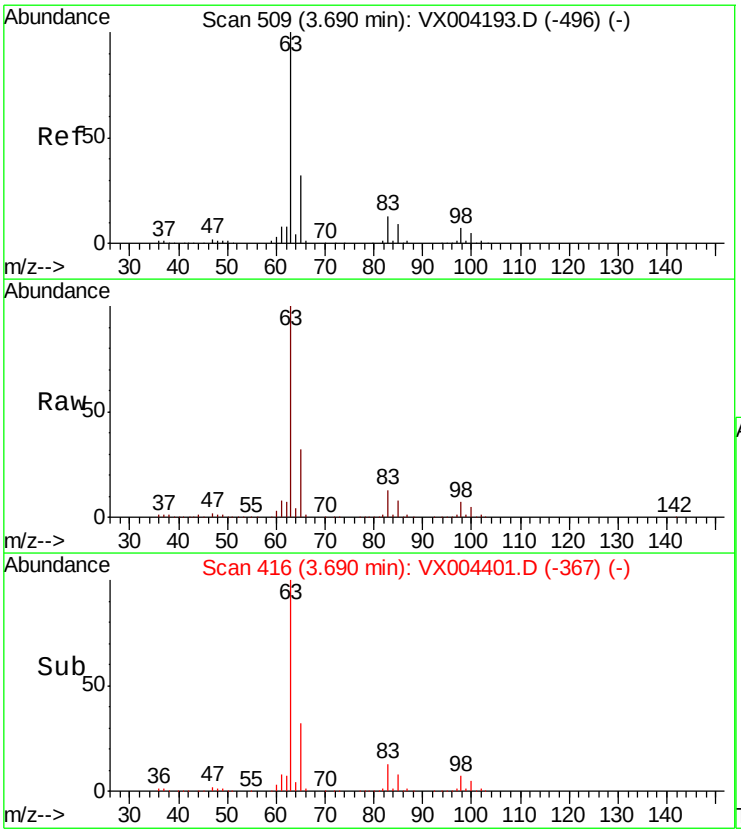

#23
Vinyl Acetate
Concen: 226.70 ug/l
RT: 3.82 min Scan# 437
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 2463965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.1 | 8.9 | 13.3 |

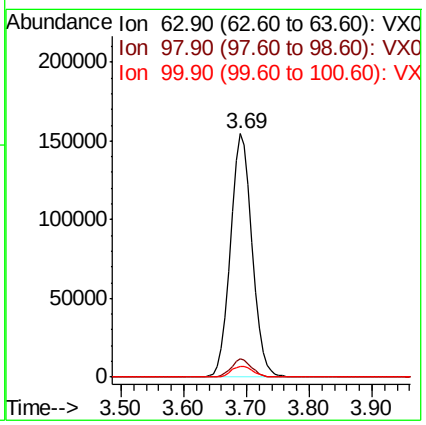


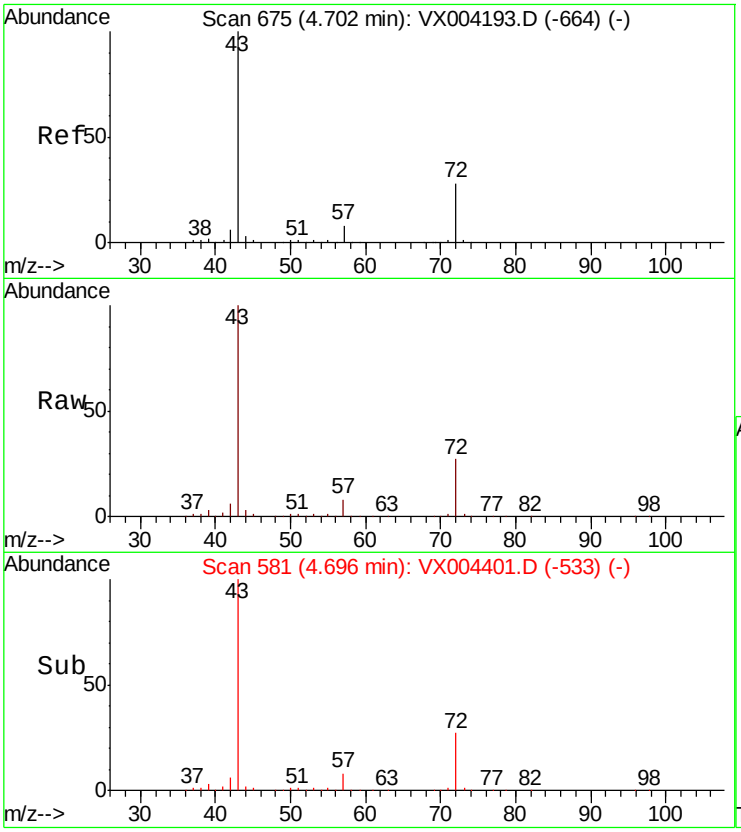




#24
1,1-Dichloroethane
Concen: 47.10 ug/l
RT: 3.69 min Scan# 416
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 63 Resp: 368122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 7.3 | 3.5 | 10.4 |
| 100 | 4.5 | 2.4 | 7.1 |



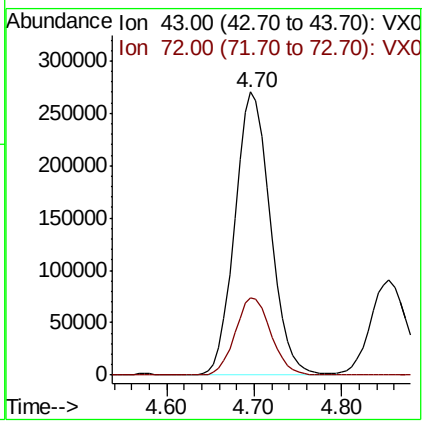


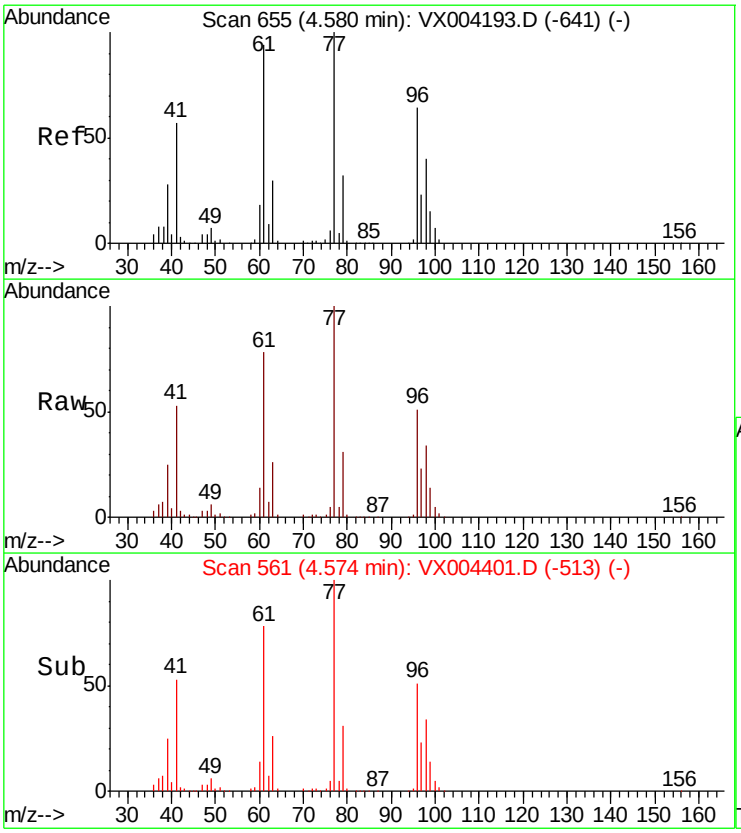

#25
2-Butanone
Concen: 236.50 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 762662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.1 | 22.0 | 33.0 |

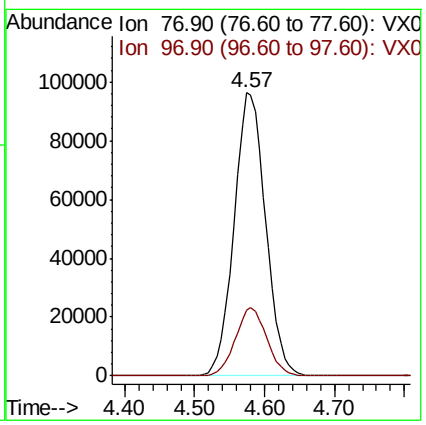


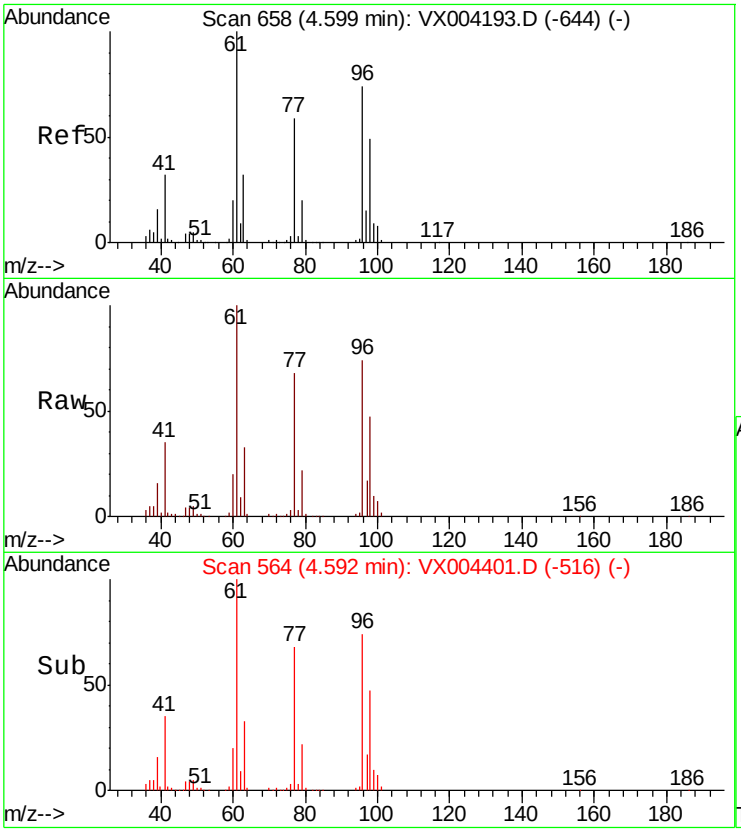




#26
2,2-Dichloropropane
Concen: 49.00 ug/l
RT: 4.57 min Scan# 561
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 77 Resp: 300349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.0 | 11.7 | 35.0 |



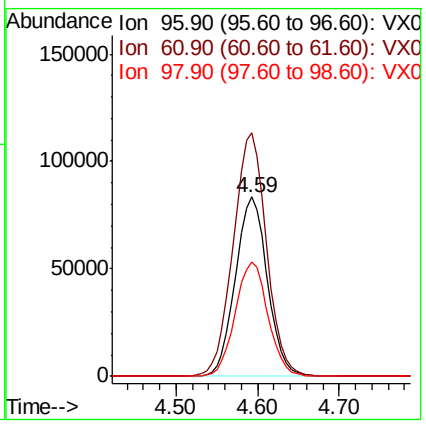


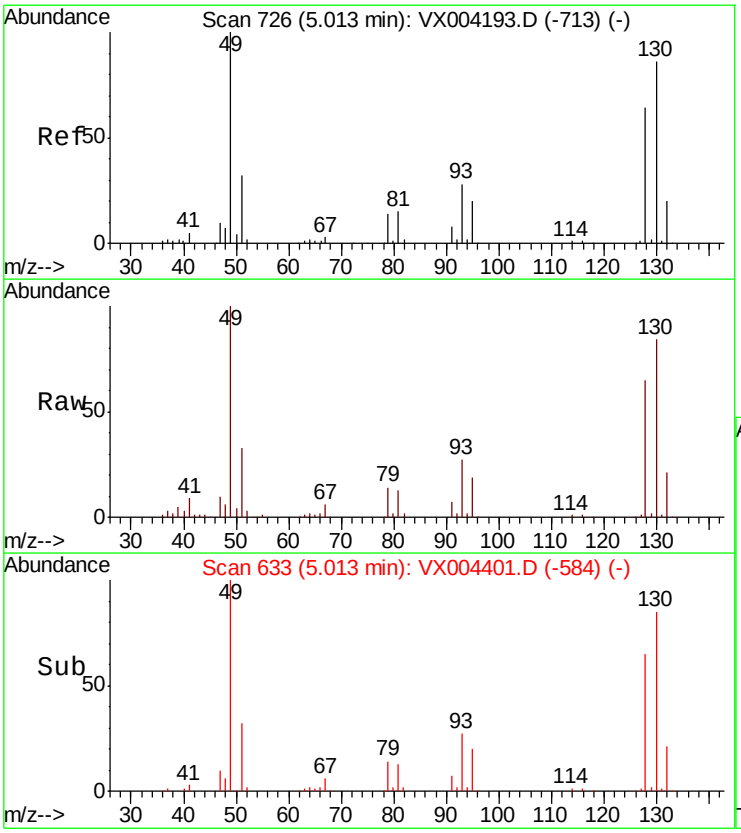

#27
cis-1,2-Dichloroethene
Concen: 46.36 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 227514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 141.1 | 0.0 | 282.6 |
| 98 | 65.0 | 0.0 | 130.2 |

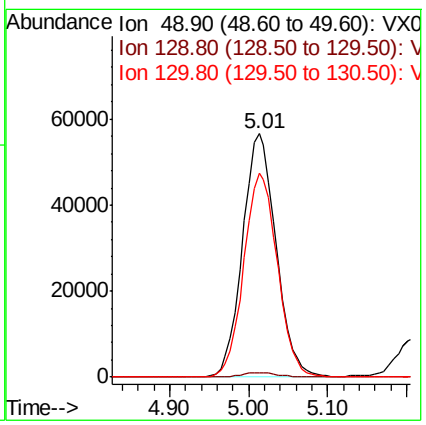


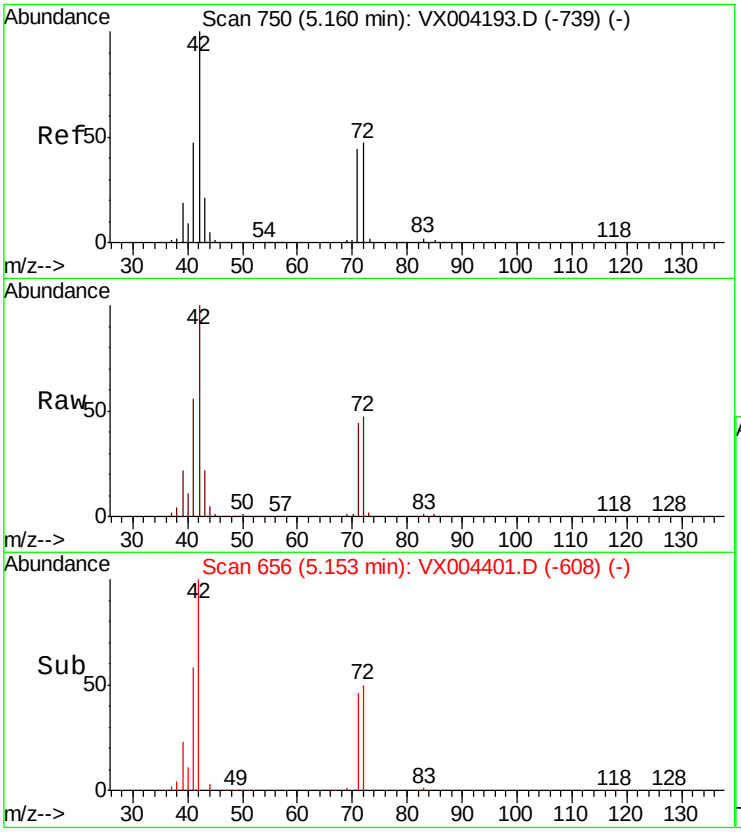




#28
Bromochloromethane
Concen: 48.39 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 49 Resp: 167438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.1 | 0.0 | 4.2 |
| 130 | 84.0 | 67.5 | 101.3 |



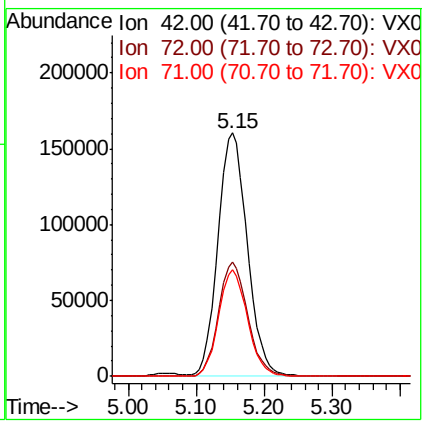


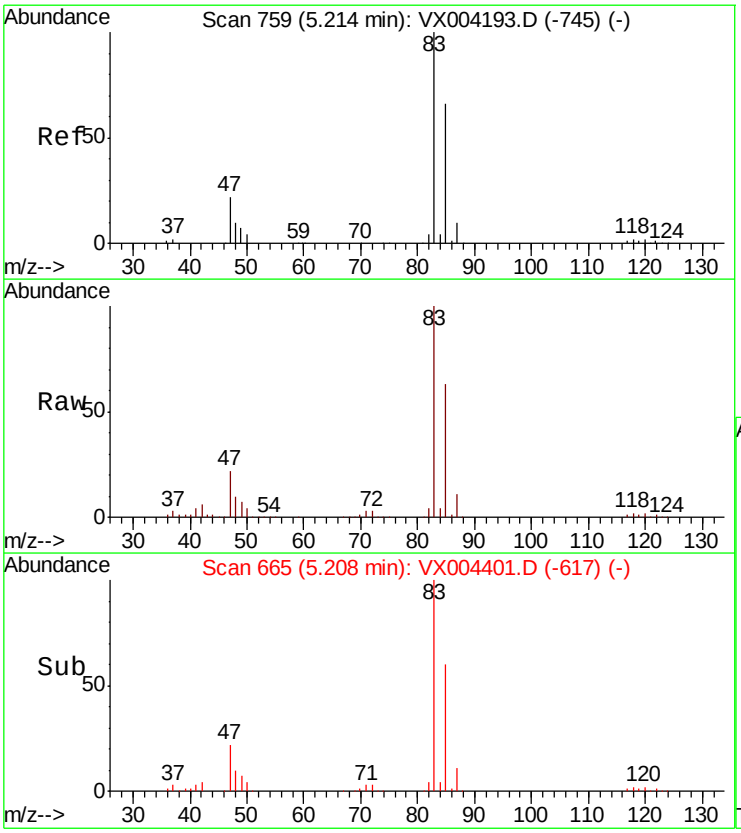

#29
Tetrahydrofuran
Concen: 232.19 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 42 Resp: 479805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 46.7 | 37.4 | 56.0 |
| 71 | 43.0 | 34.5 | 51.7 |

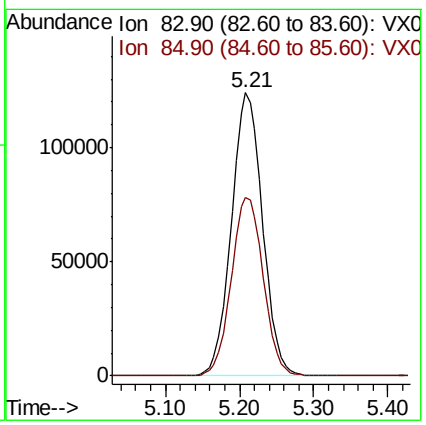


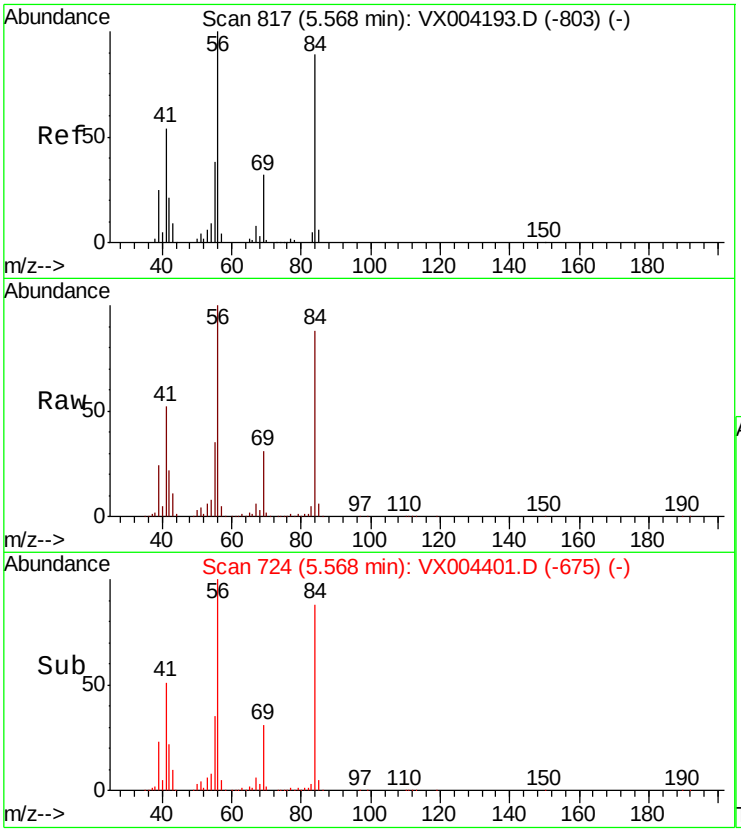




#30
Chloroform
Concen: 46.35 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 83 Resp: 363156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.1 | 52.6 | 79.0 |



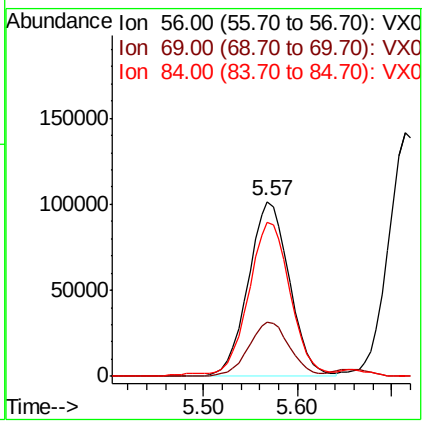


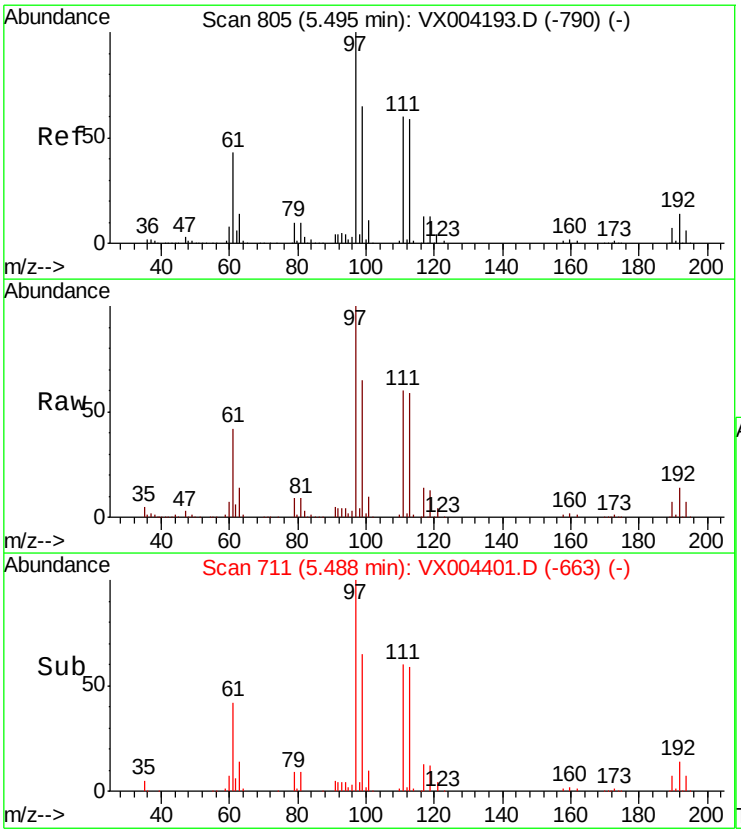

#31
Cyclohexane
Concen: 45.76 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 56 Resp: 308551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.8 | 25.4 | 38.2 |
| 84 | 86.8 | 71.4 | 107.2 |

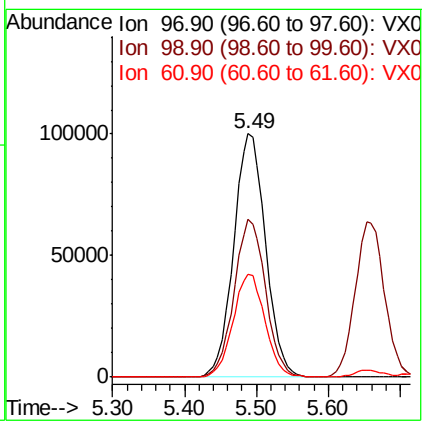


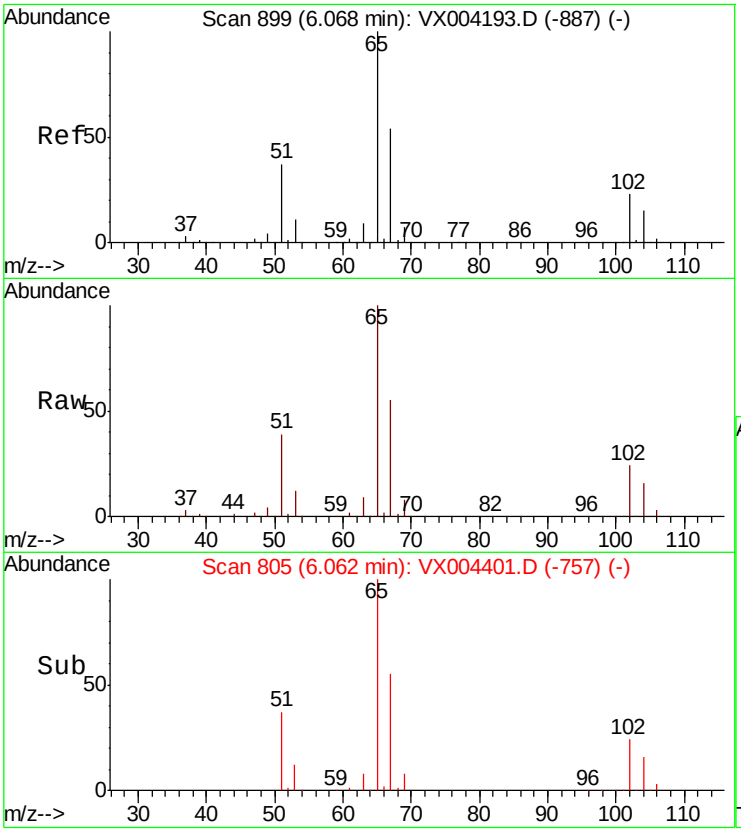




#32
1,1,1-Trichloroethane
Concen: 46.99 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 97 Resp: 307045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.0 | 52.0 | 78.0 |
| 61 | 42.5 | 34.9 | 52.3 |



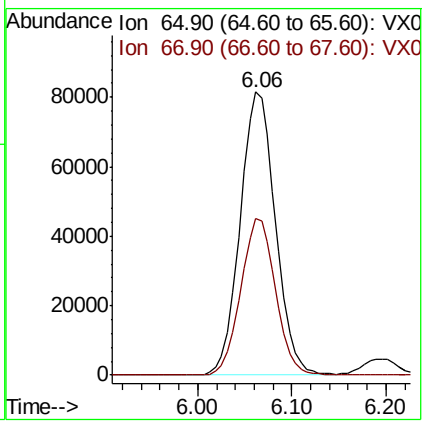


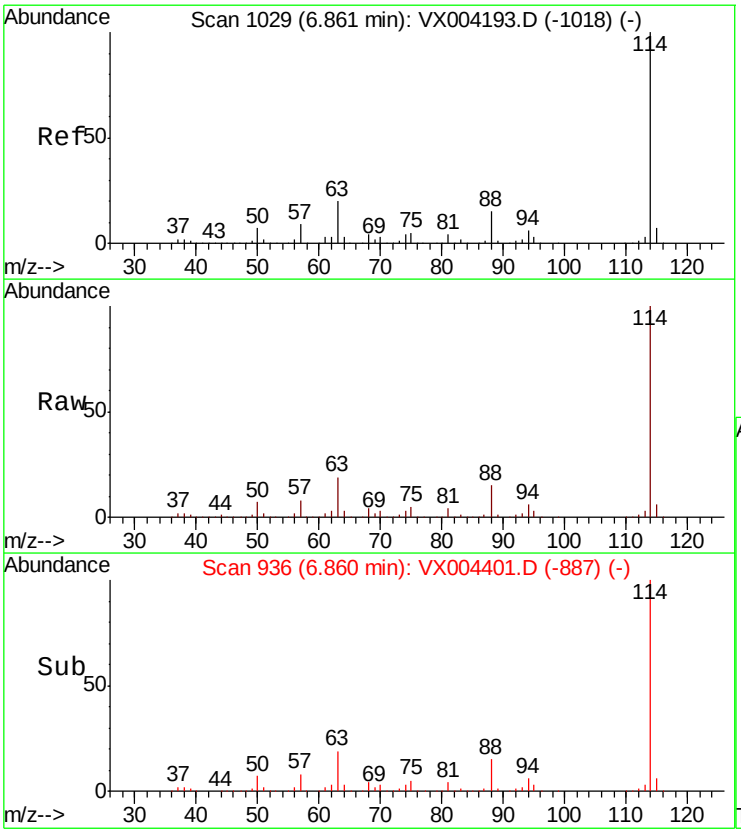

#33
1,2-Dichloroethane-d4
Concen: 44.50 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 65 Resp: 214024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.5 | 0.0 | 106.8 |

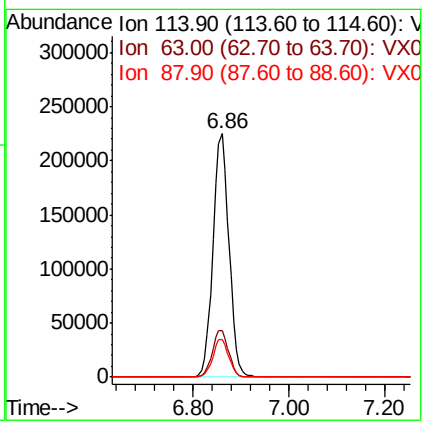


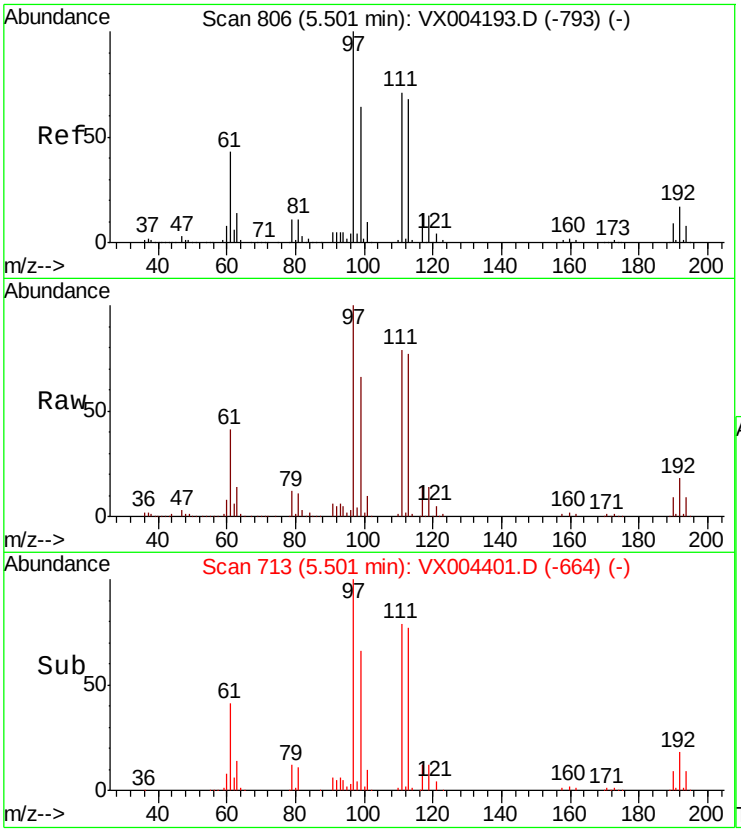




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:114 Resp: 521993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.9 | 0.0 | 39.0 |
| 88 | 15.3 | 0.0 | 30.4 |



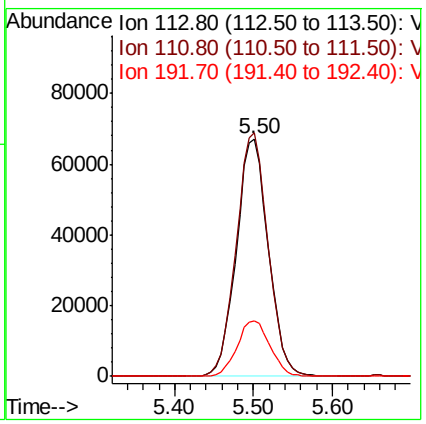


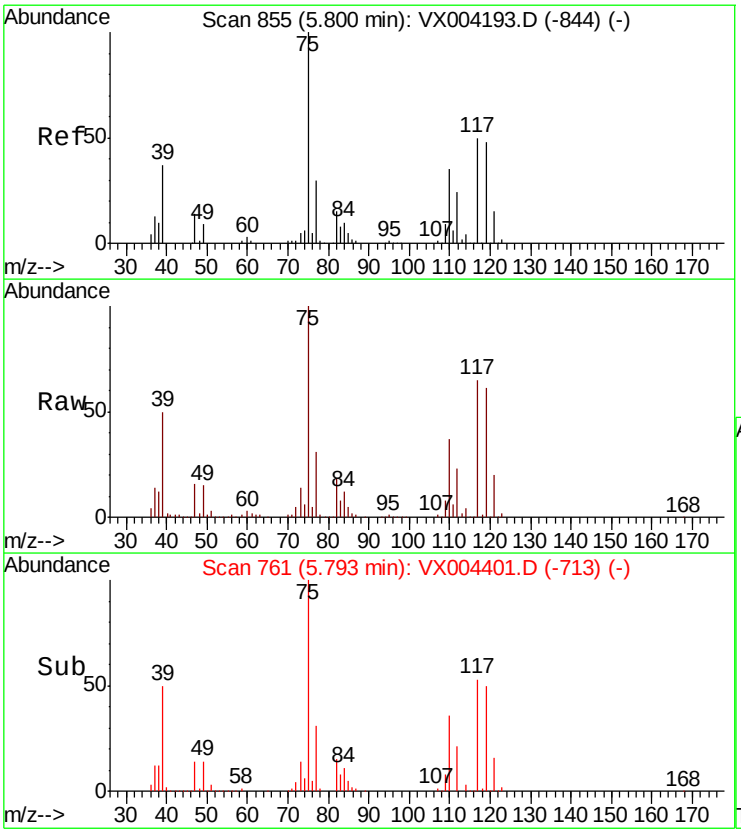

#35
Dibromofluoromethane
Concen: 48.72 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:113 Resp: 189179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.2 | 82.4 | 123.6 |
| 192 | 24.0 | 19.4 | 29.2 |

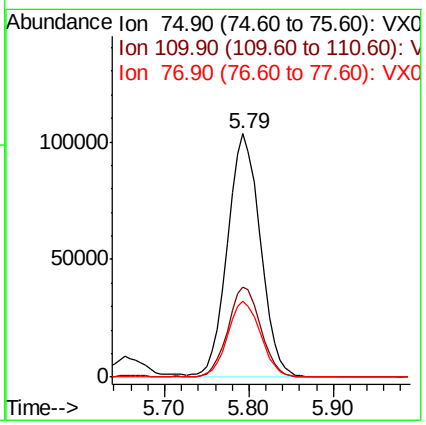


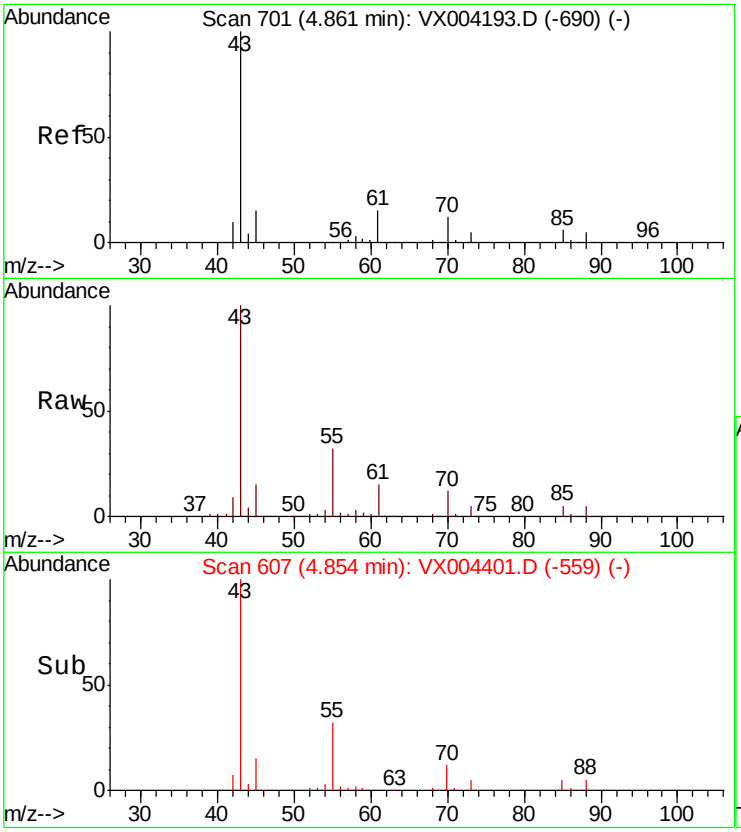




#36
1,1-Dichloropropene
Concen: 46.56 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 75 Resp: 273221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 37.1 | 18.0 | 54.0 |
| 77 | 31.2 | 24.6 | 36.8 |



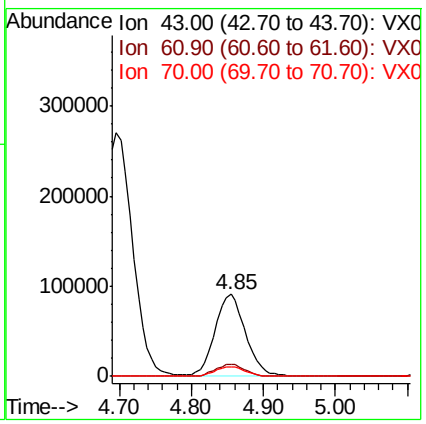


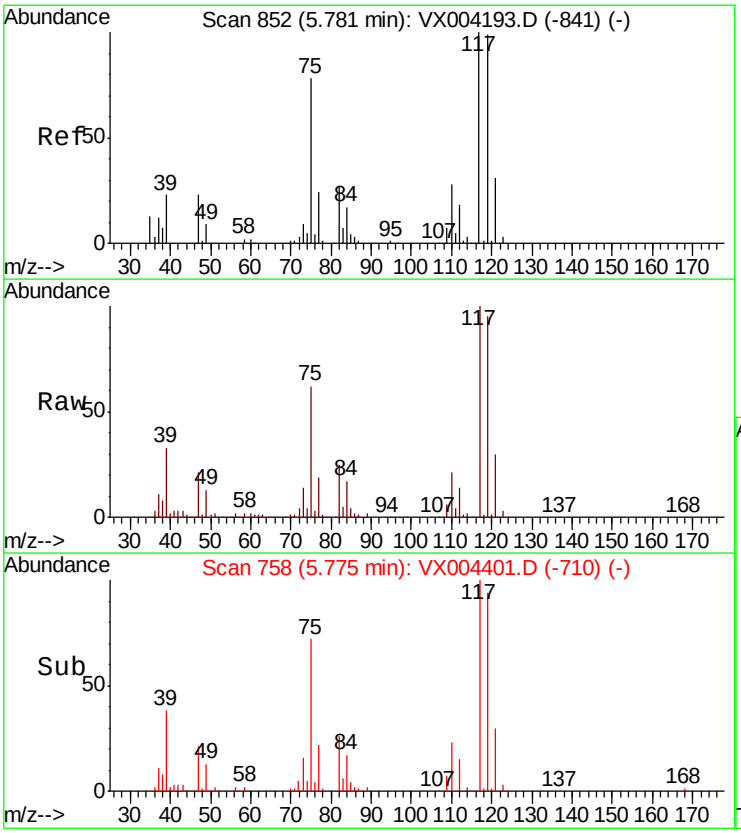

#37
Ethyl Acetate
Concen: 46.17 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 266441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.7 | 11.5 | 17.3 |
| 70 | 11.8 | 9.0 | 13.6 |

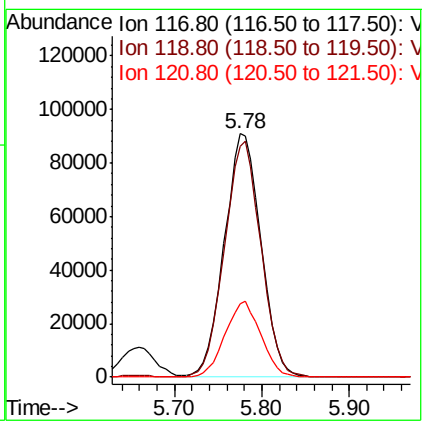


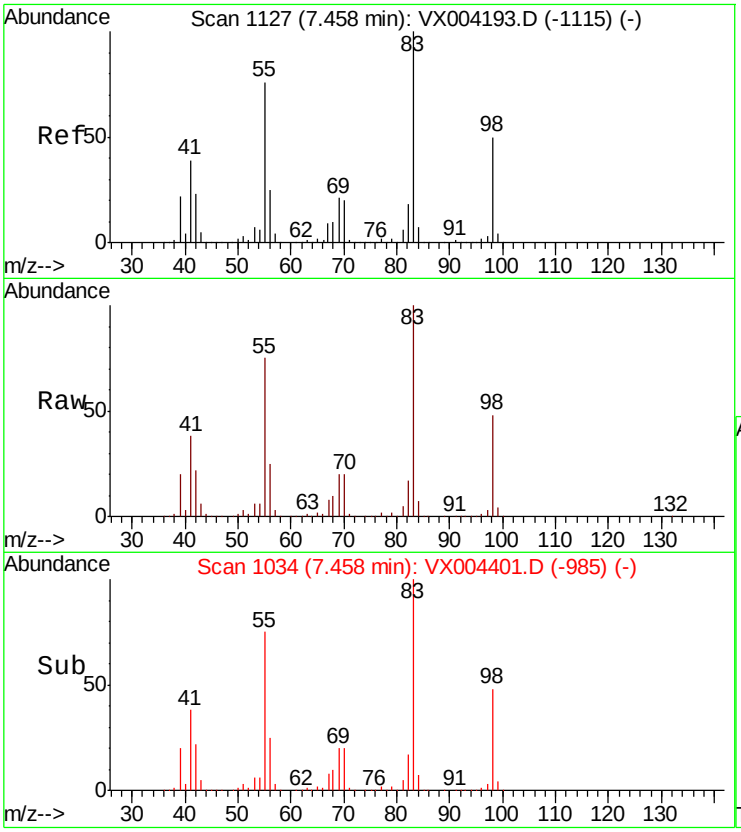




#38
Carbon Tetrachloride
Concen: 47.79 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:117 Resp: 263830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.0 | 78.8 | 118.2 |
| 121 | 30.4 | 24.9 | 37.3 |



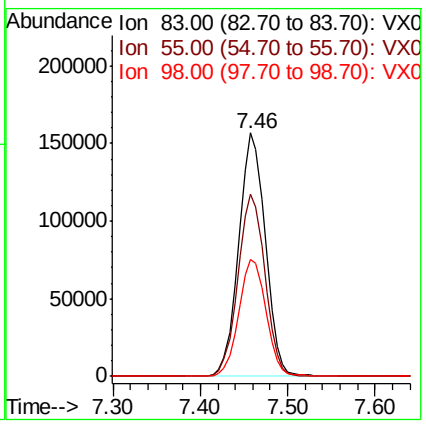


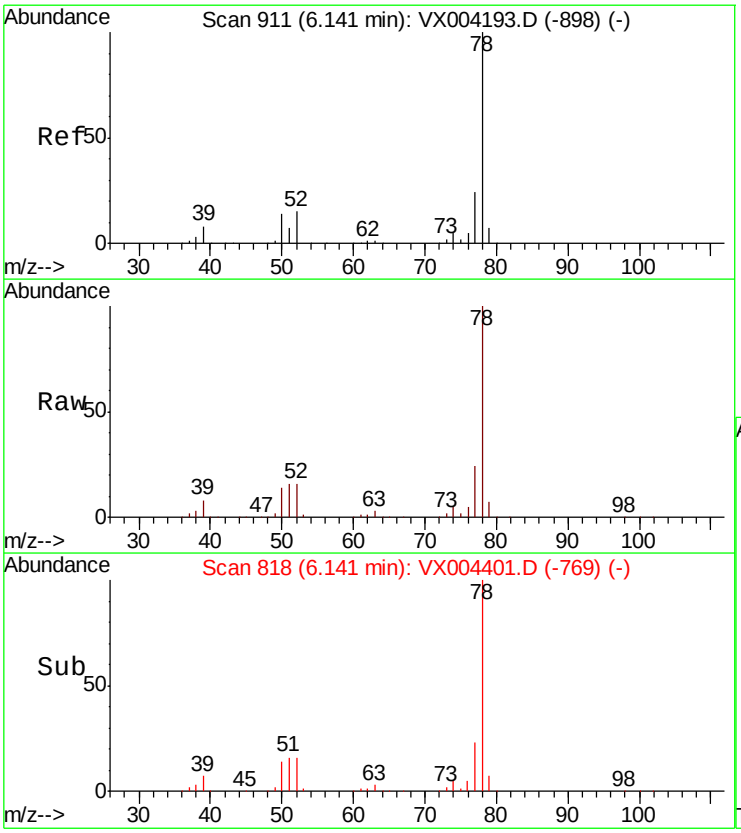

#39
Methylcyclohexane
Concen: 49.64 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 332587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 74.7 | 61.0 | 91.4 |
| 98 | 48.1 | 39.6 | 59.4 |

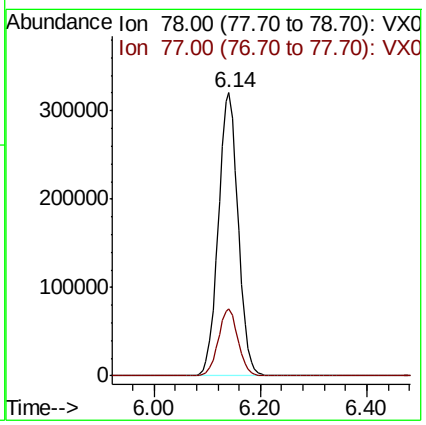


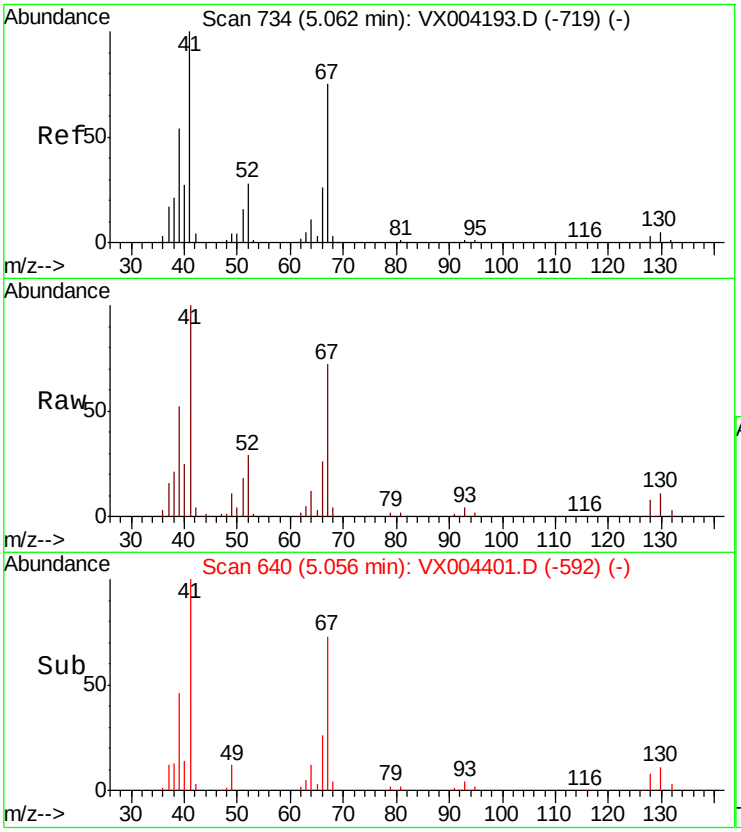




#40
Benzene
Concen: 47.61 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 78 Resp: 834770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 19.0 | 28.4 |



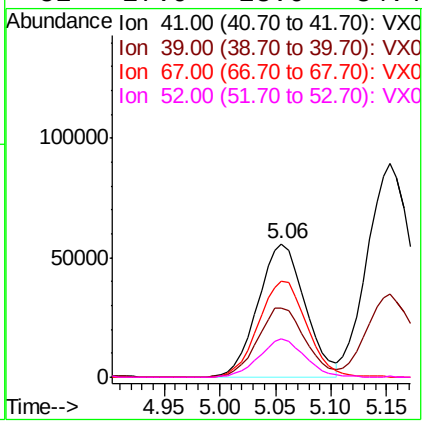


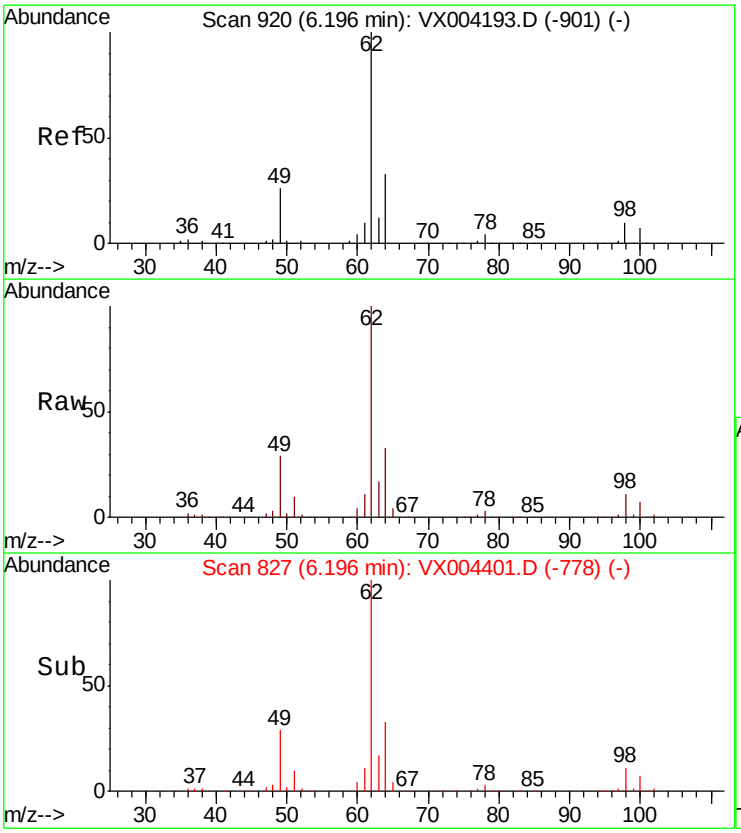

#41
Methacrylonitrile
Concen: 49.38 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 41 Resp: 165203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 52.3 | 42.4 | 63.6 |
| 67 | 74.1 | 59.2 | 88.8 |
| 52 | 27.9 | 23.0 | 34.4 |

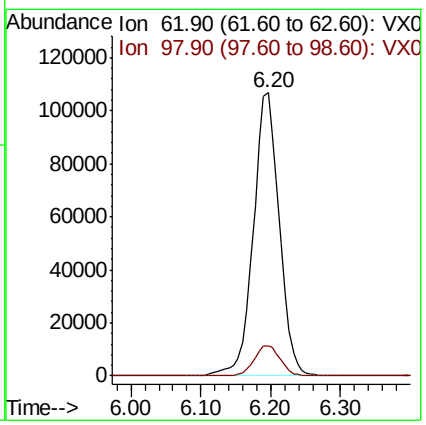


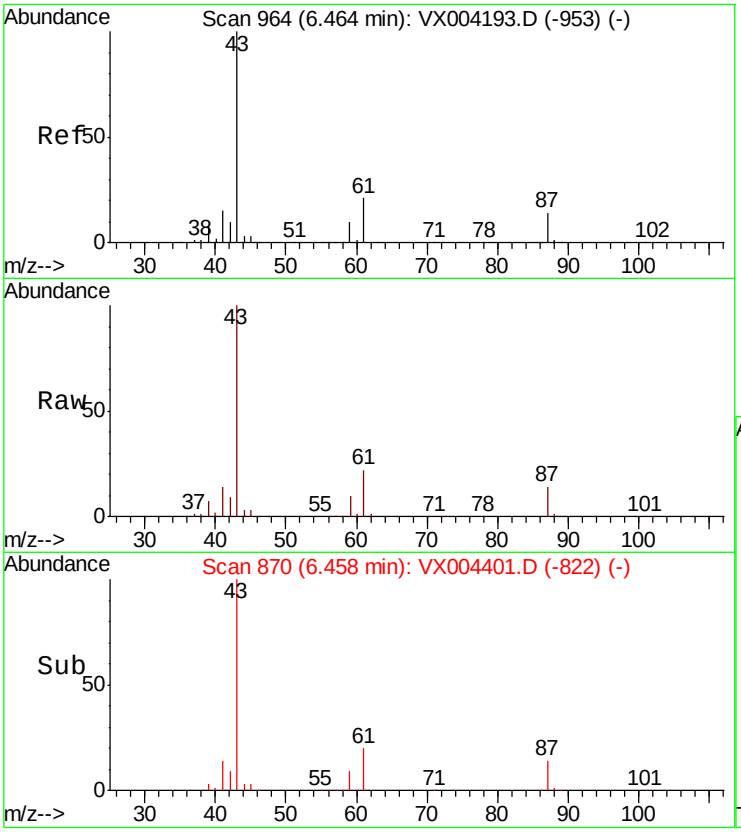




#42
1,2-Dichloroethane
Concen: 46.01 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 62 Resp: 275218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.7 | 0.0 | 20.6 |



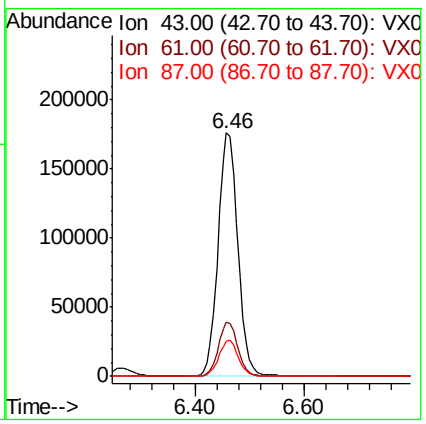


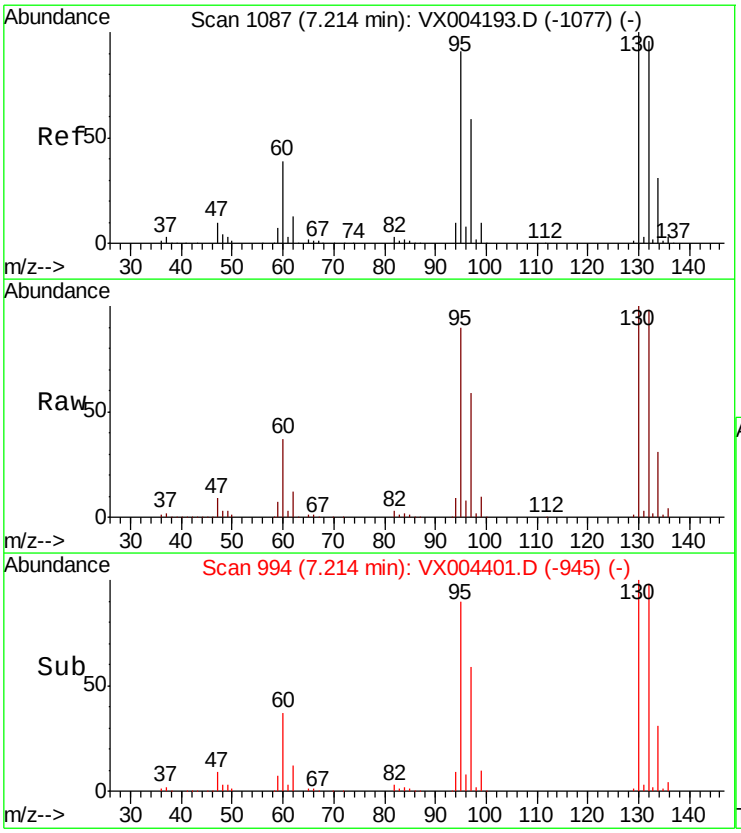

#43
Isopropyl Acetate
Concen: 50.08 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 444149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 21.9 | 17.0 | 25.4 |
| 87 | 14.5 | 11.4 | 17.2 |

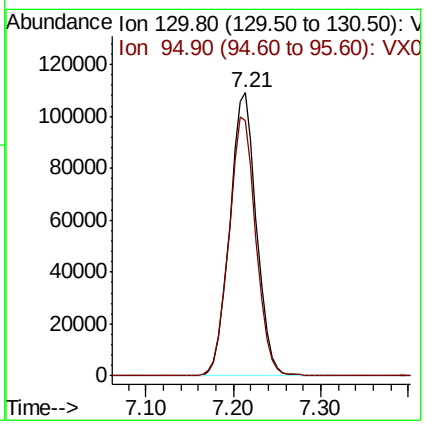


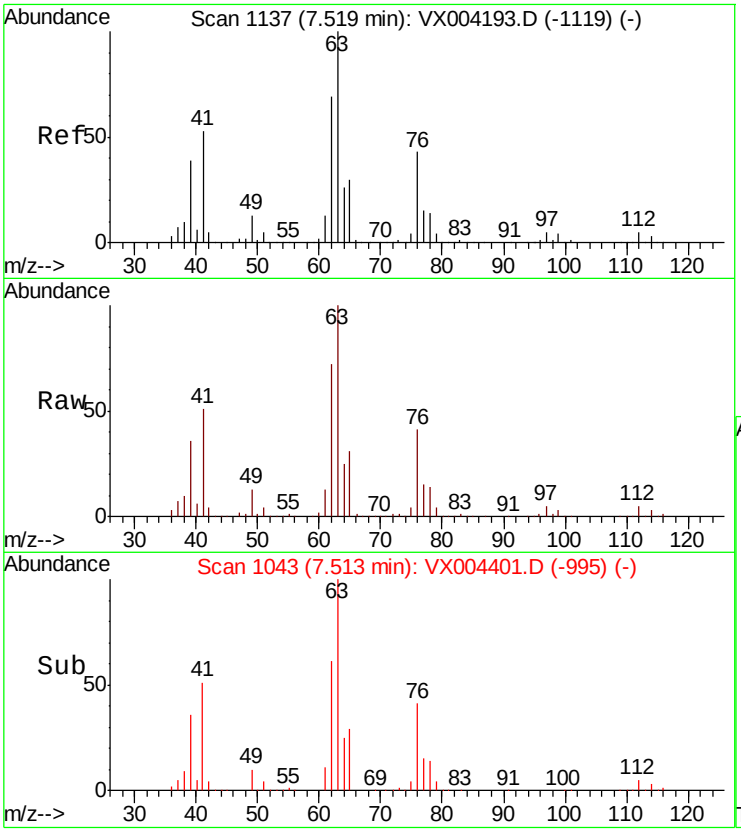




#44
Trichloroethene
Concen: 47.69 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:130 Resp: 231502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 90.4 | 0.0 | 181.6 |



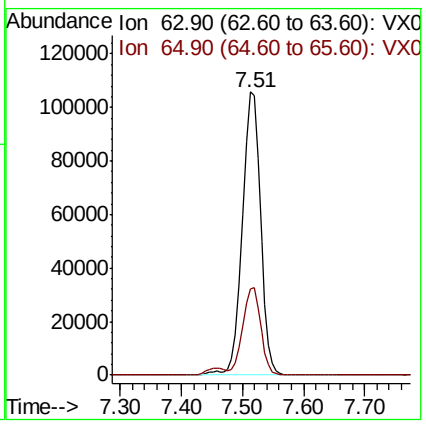


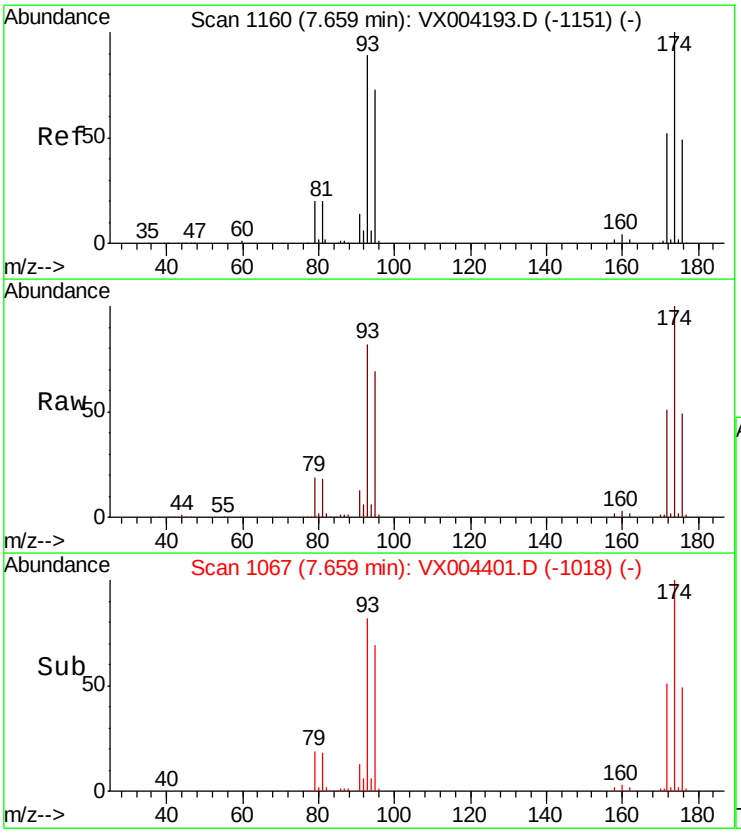

#45
1,2-Dichloropropane
Concen: 49.91 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 63 Resp: 219052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.6 | 24.3 | 36.5 |

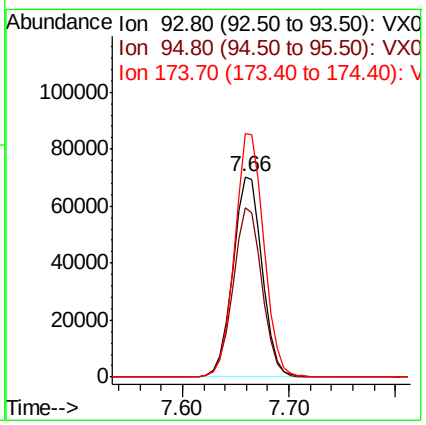


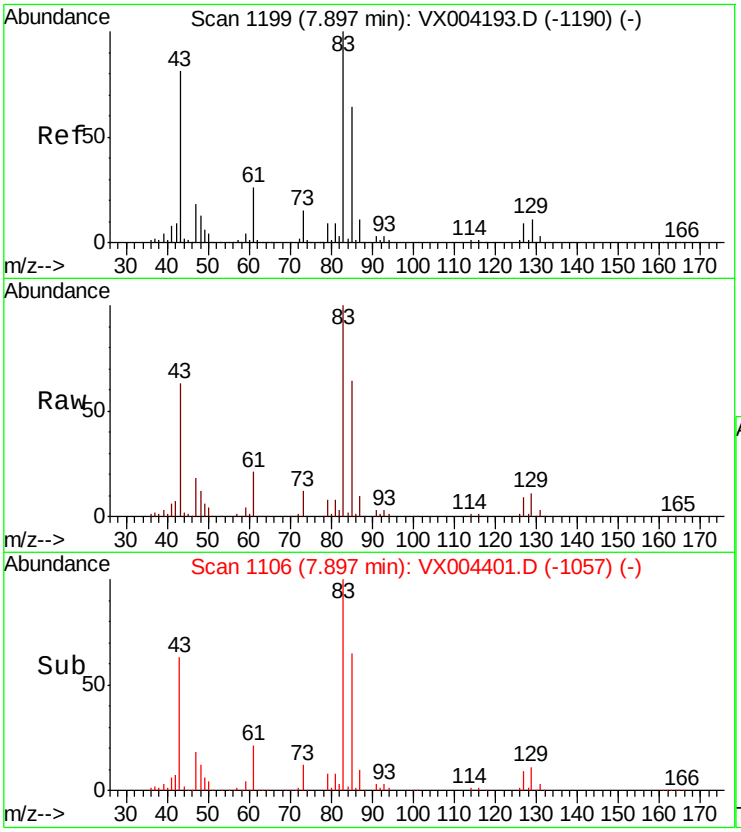




#46
Dibromomethane
Concen: 46.46 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 93 Resp: 135770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.6 | 65.5 | 98.3 |
| 174 | 121.5 | 94.2 | 141.4 |



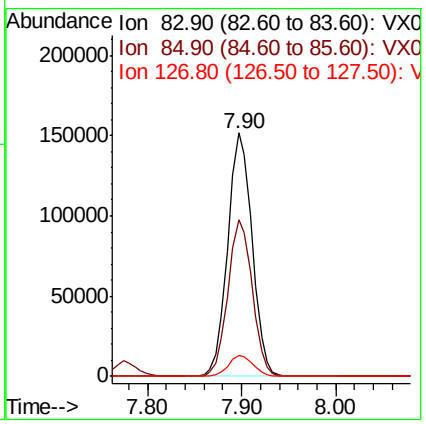


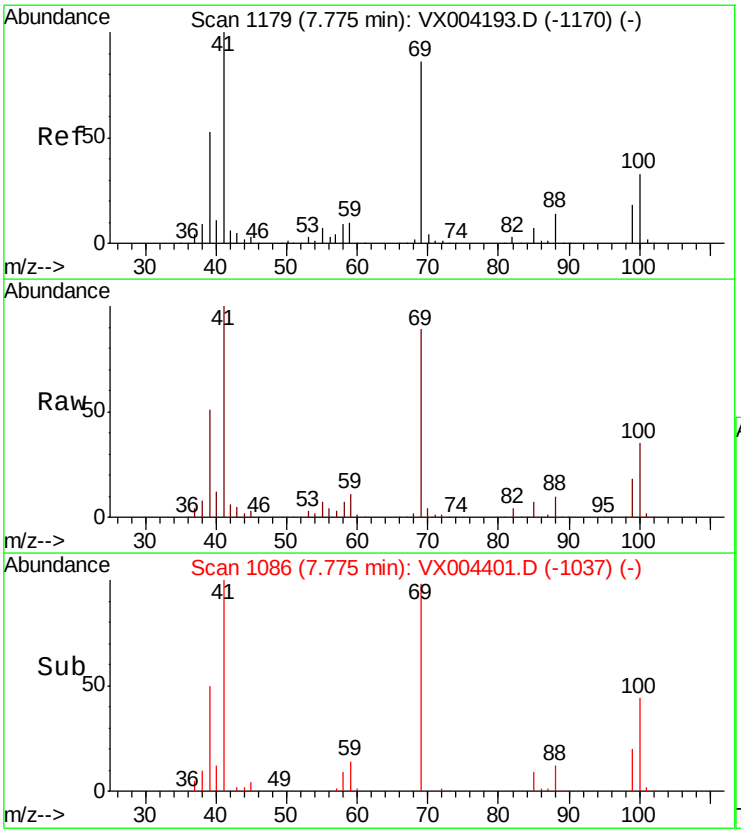

#47
Bromodichloromethane
Concen: 50.08 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 272329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.5 | 50.9 | 76.3 |
| 127 | 8.6 | 7.3 | 10.9 |

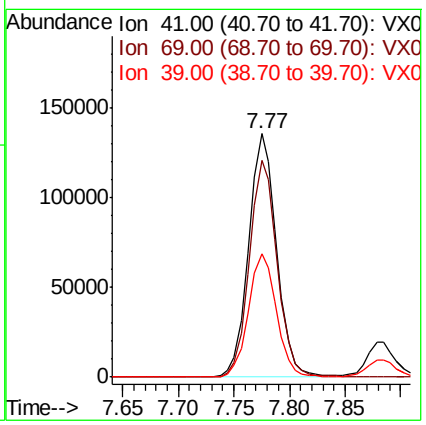


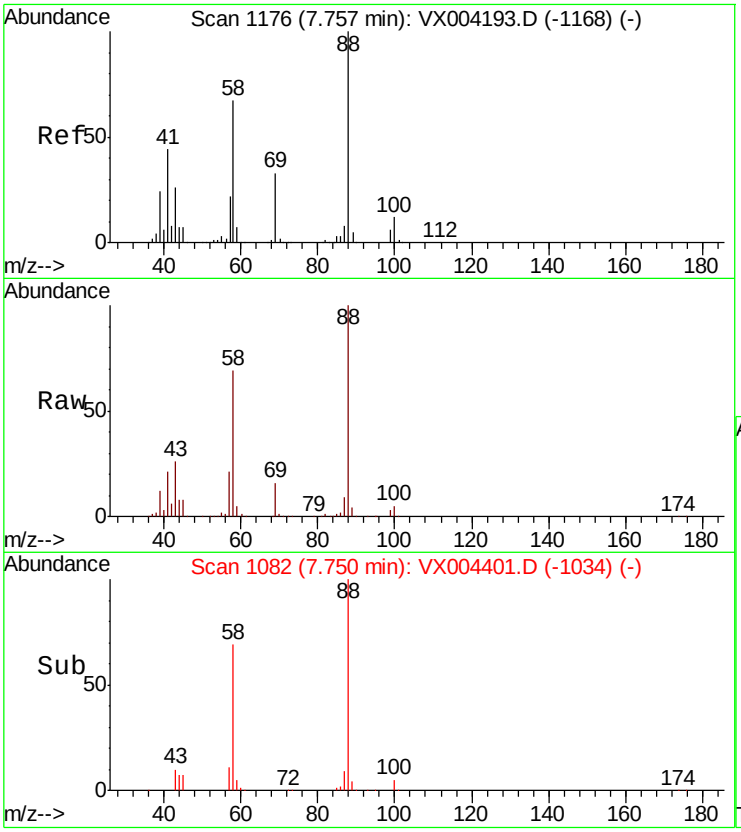




#48
Methyl methacrylate
Concen: 49.69 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 41 Resp: 235803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 89.5 | 70.2 | 105.4 |
| 39 | 51.2 | 42.7 | 64.1 |



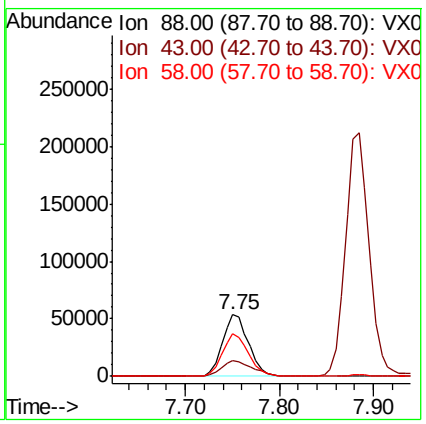


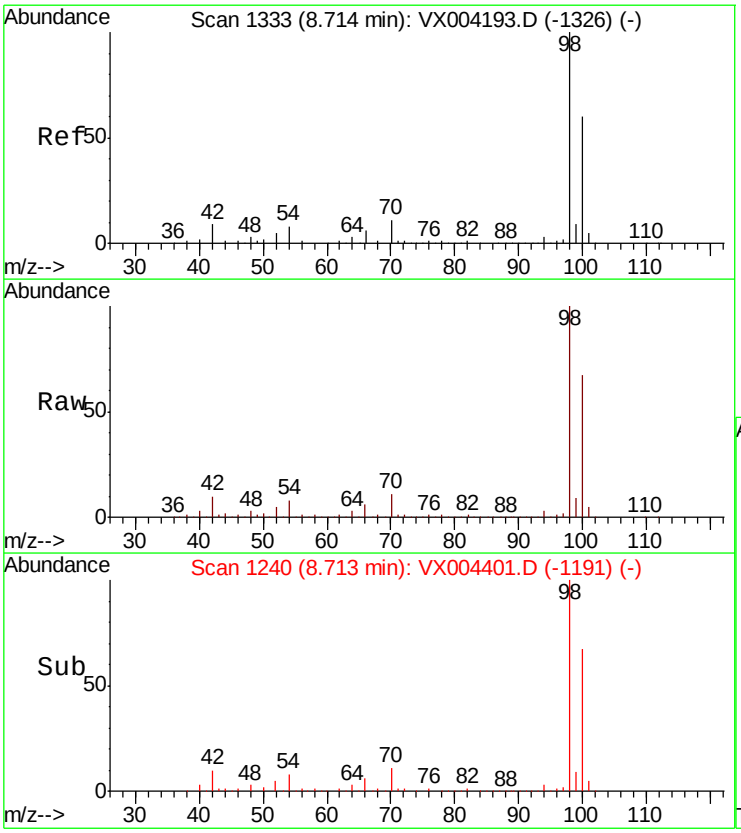

#49
1,4-Dioxane
Concen: 944.60 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 88 Resp: 101771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 30.3 | 24.7 | 37.1 |
| 58 | 70.1 | 55.3 | 82.9 |

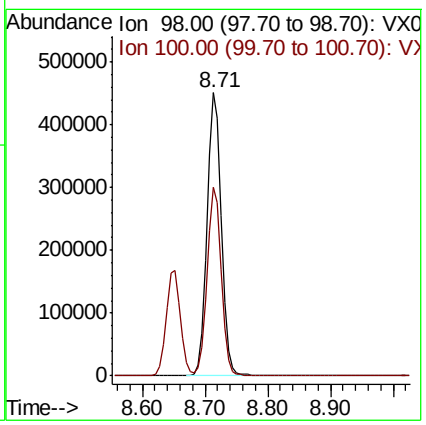


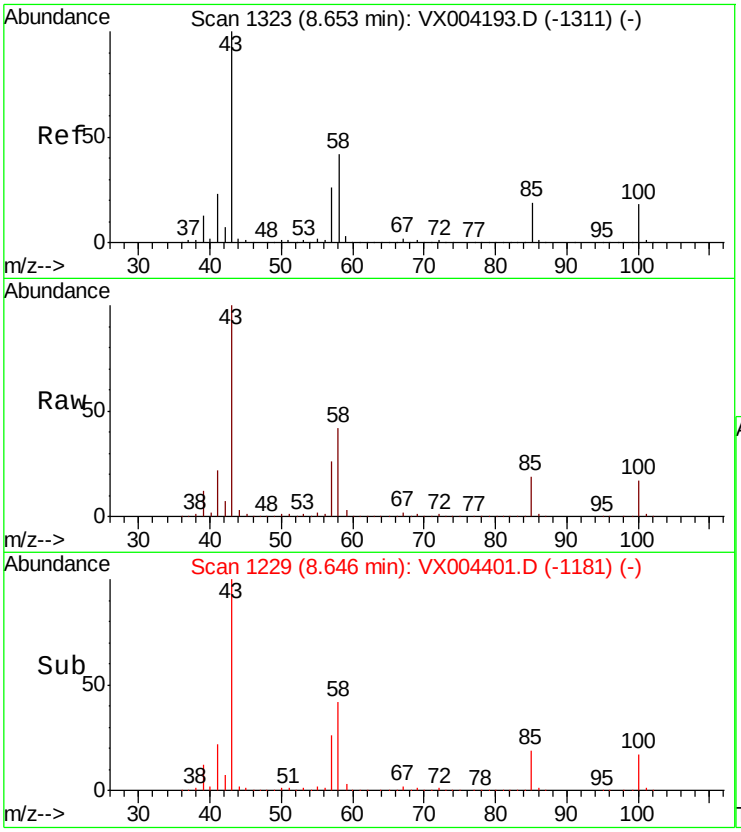




#50
Toluene-d8
Concen: 48.30 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 98 Resp: 708025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.1 | 52.9 | 79.3 |



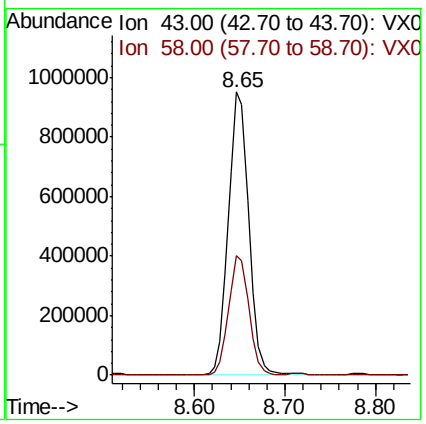


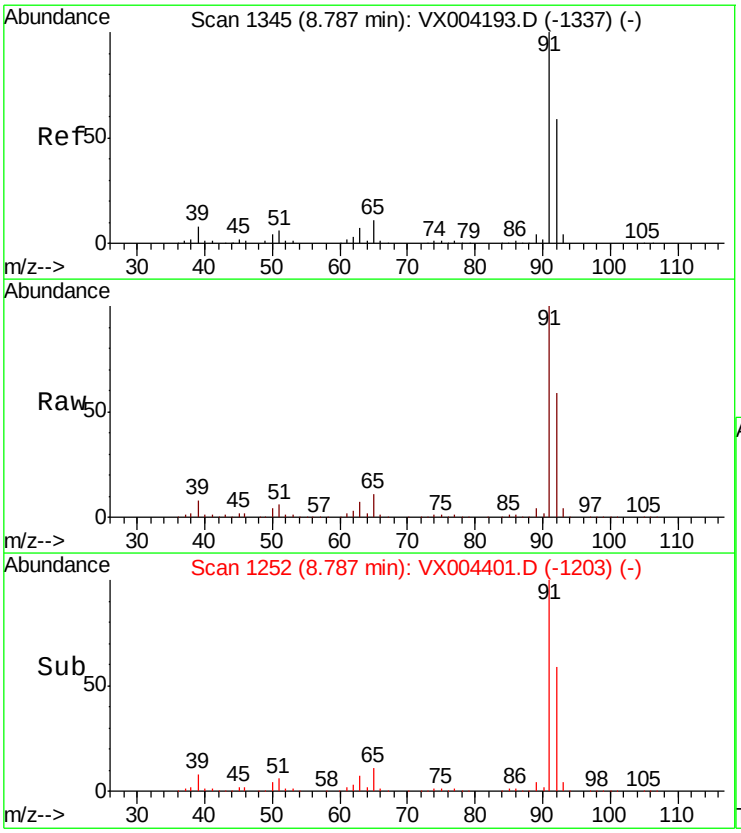

#51
4-Methyl-2-Pentanone
Concen: 232.11 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 1495631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.8 | 33.1 | 49.7 |

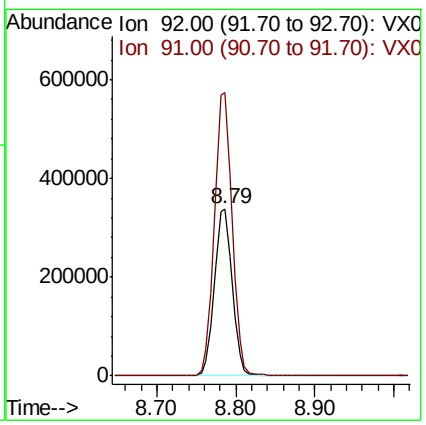


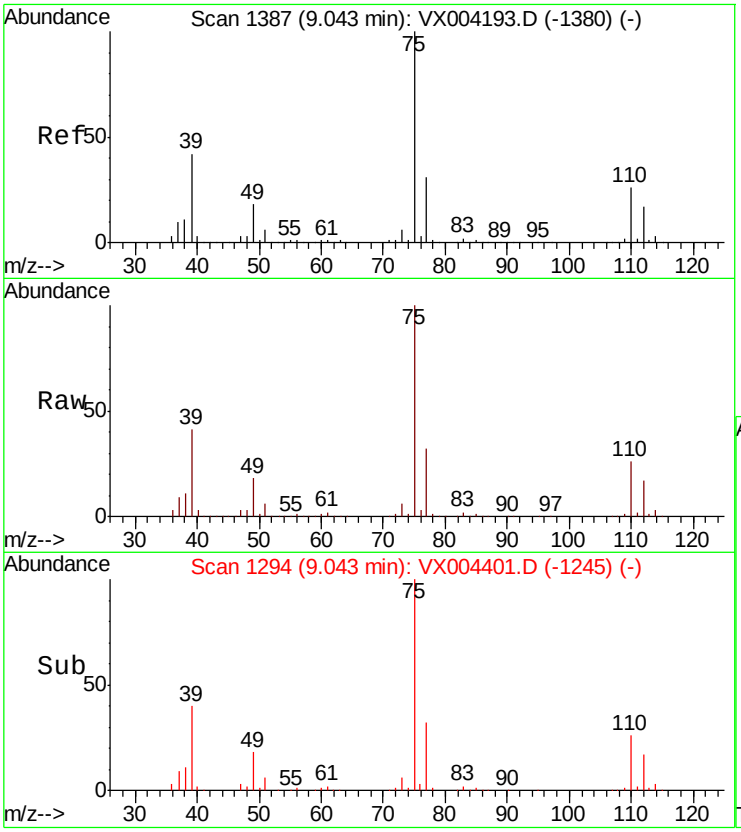




#52
Toluene
Concen: 48.82 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 92 Resp: 535830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 169.2 | 136.4 | 204.6 |



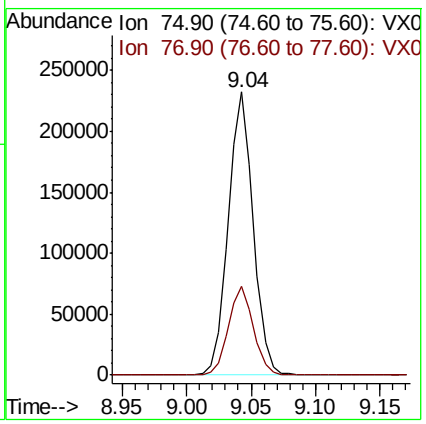


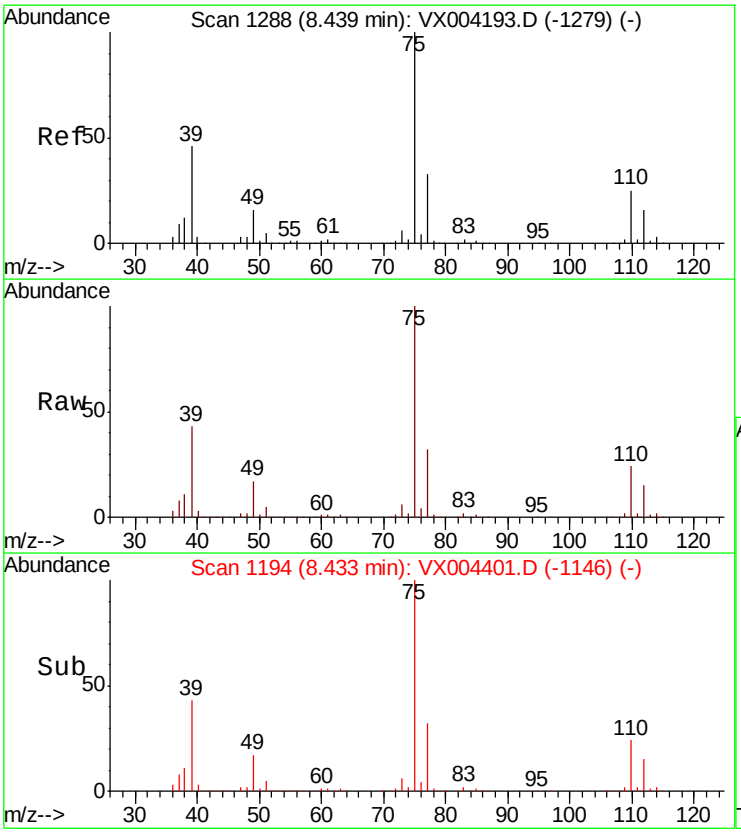

#53
t-1,3-Dichloropropene
Concen: 52.54 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 315521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 24.6 | 37.0 |

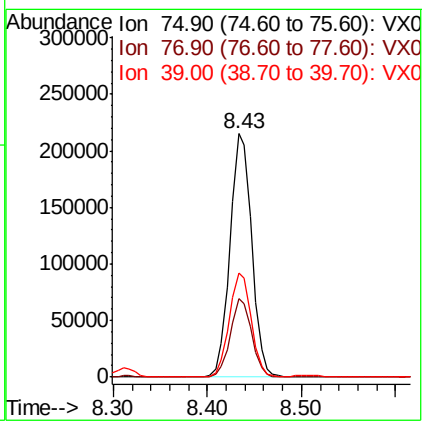


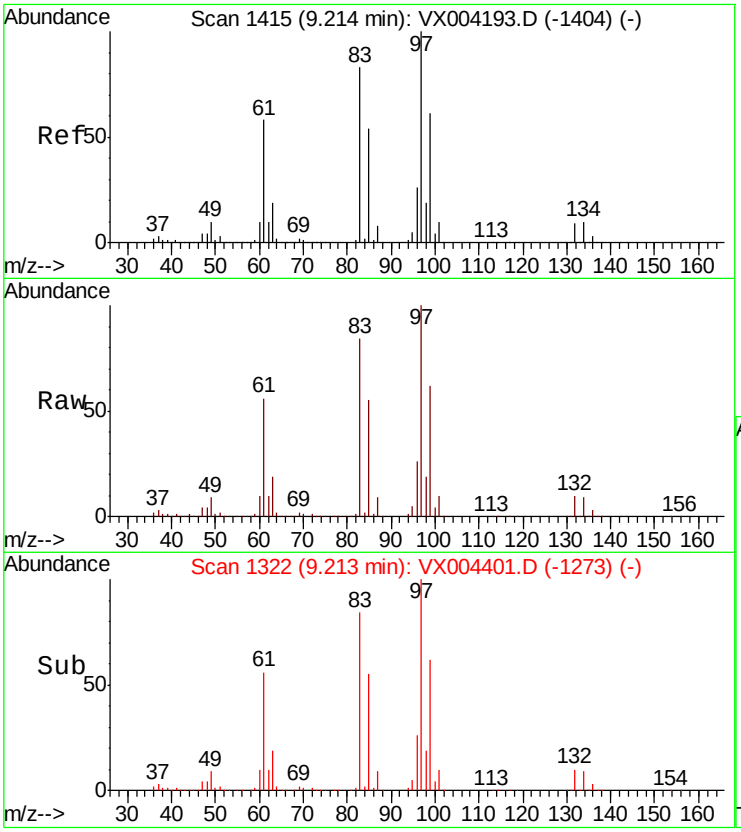




#54
cis-1,3-Dichloropropene
Concen: 52.40 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 75 Resp: 342752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.3 | 26.2 | 39.2 |
| 39 | 42.7 | 36.4 | 54.6 |



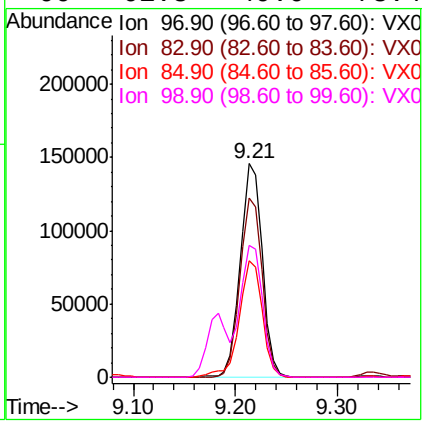


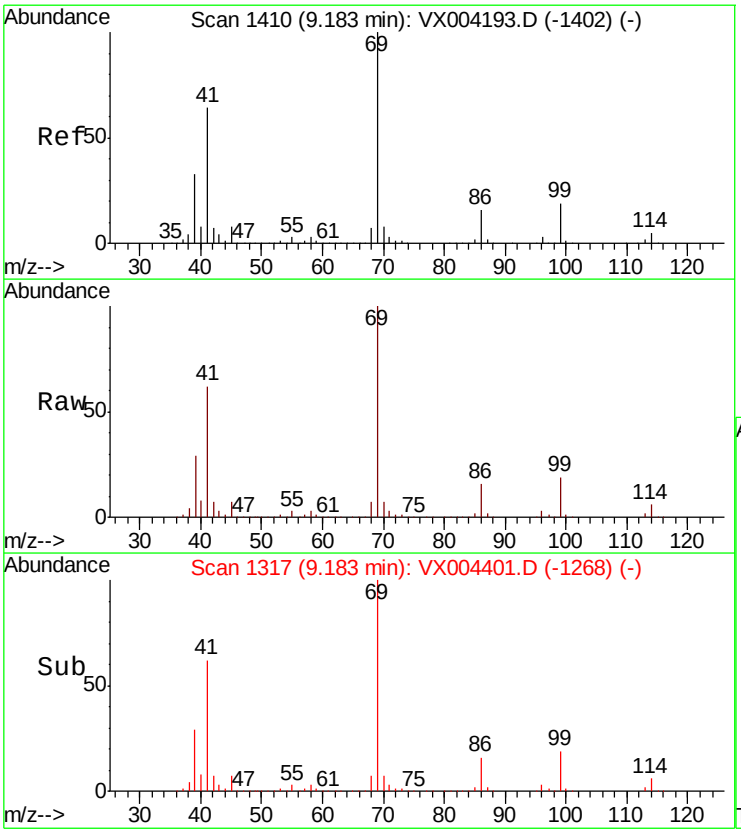

#55
1,1,2-Trichloroethane
Concen: 49.11 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 97 Resp: 217609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 84.1 | 66.4 | 99.6 |
| 85 | 54.6 | 43.3 | 64.9 |
| 99 | 61.8 | 49.0 | 73.4 |

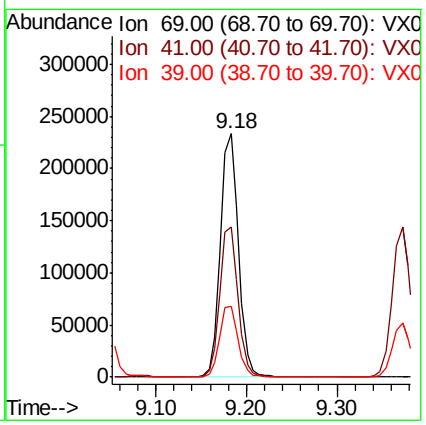


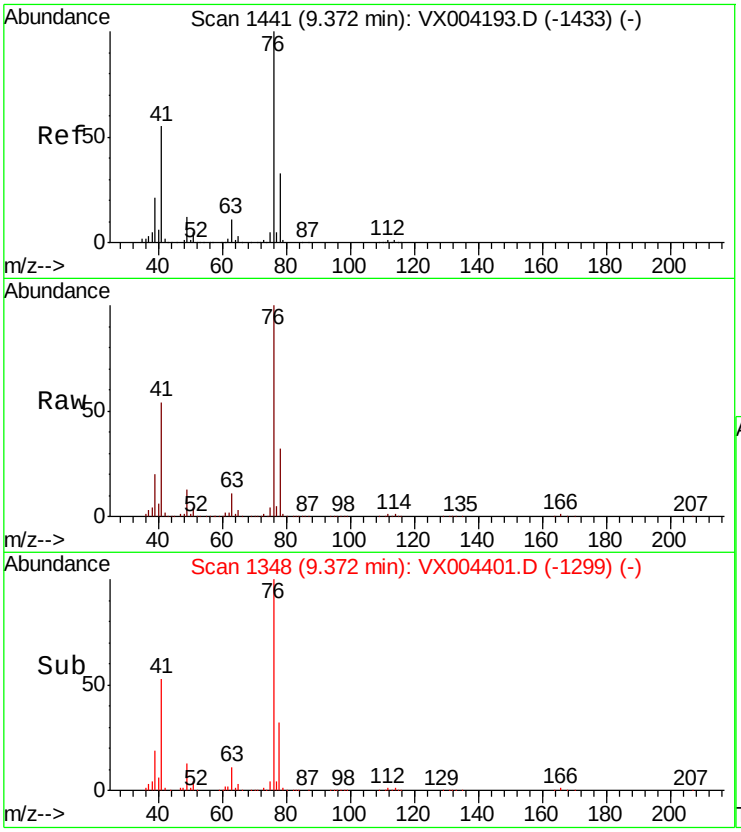




#56
Ethyl methacrylate
Concen: 53.90 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 69 Resp: 325115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 62.1 | 51.0 | 76.4 |
| 39 | 29.7 | 26.1 | 39.1 |



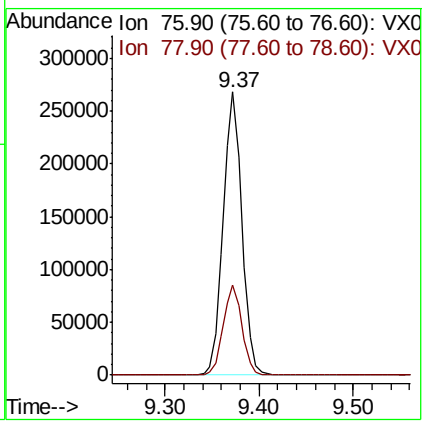


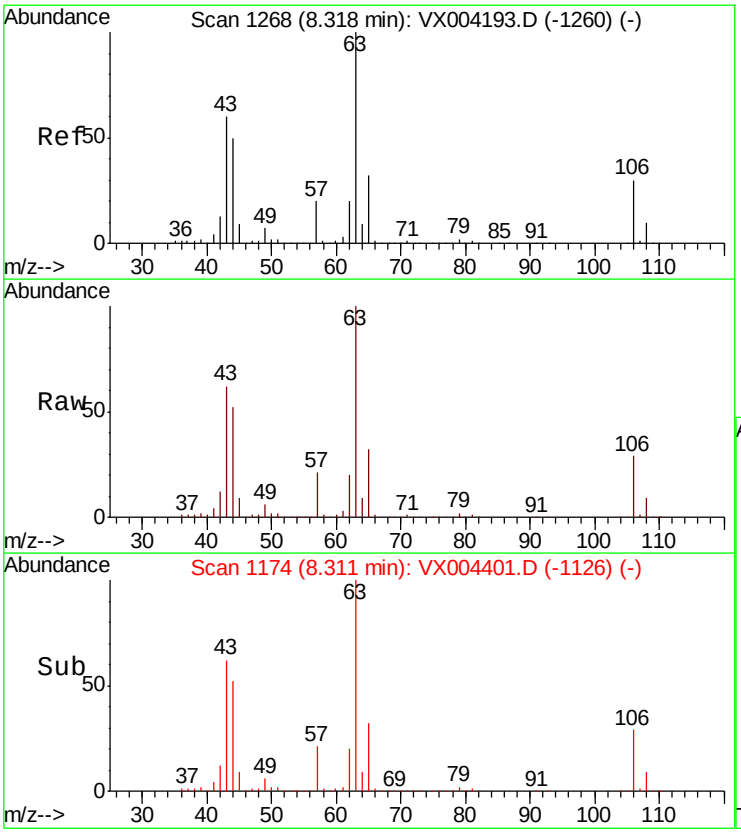

#57
1,3-Dichloropropane
Concen: 49.44 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 369214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.9 | 25.5 | 38.3 |

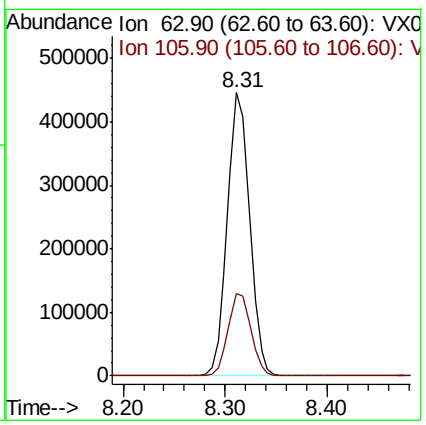


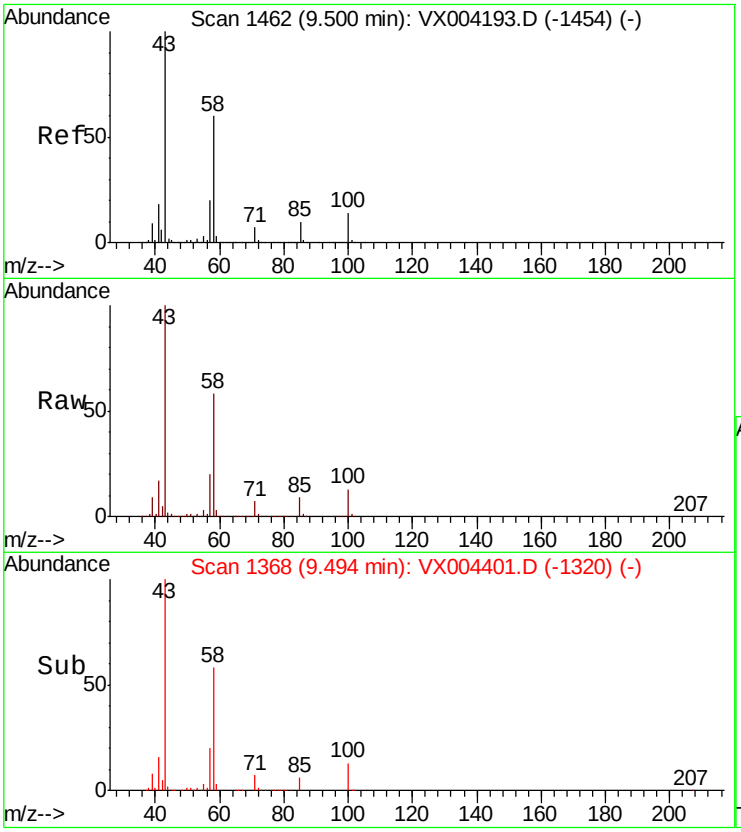




#58
2-Chloroethyl Vinyl ether
Concen: 218.33 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 63 Resp: 674781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.8 | 23.9 | 35.9 |



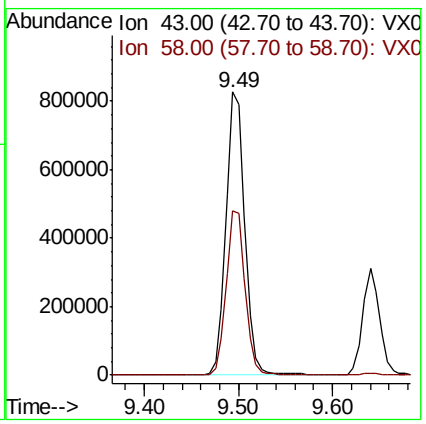


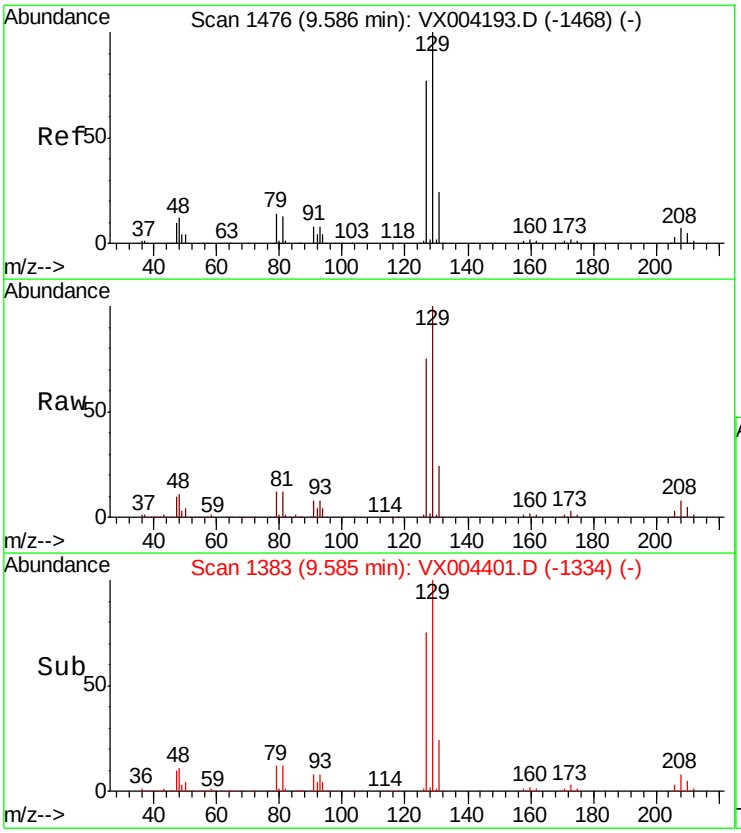

#59
2-Hexanone
Concen: 233.42 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 1147484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 58.4 | 29.0 | 87.0 |

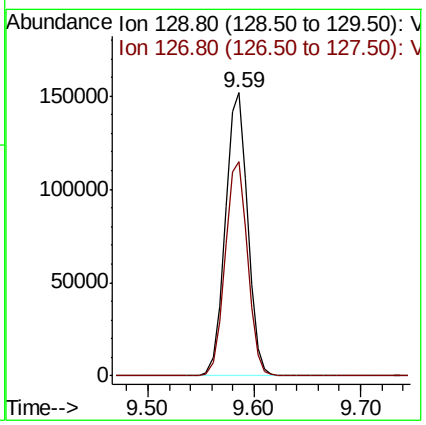


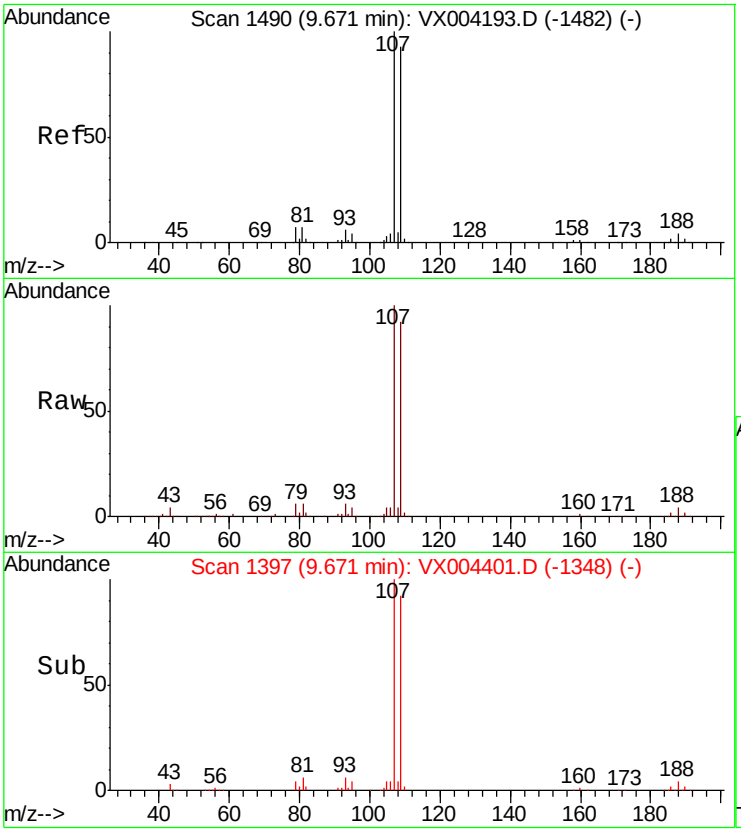




#60
Dibromochloromethane
Concen: 51.57 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:129 Resp: 222612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.2 | 38.5 | 115.5 |



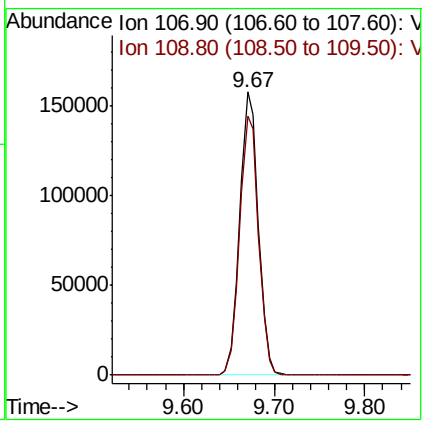


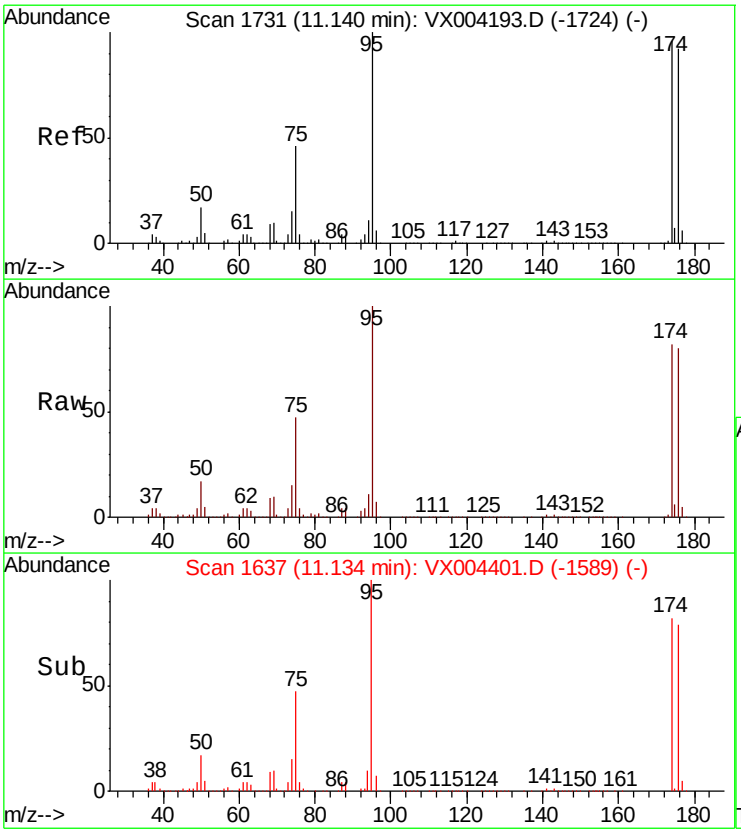

#61
1,2-Dibromoethane
Concen: 48.85 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:107 Resp: 224018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.1 | 76.0 | 114.0 |

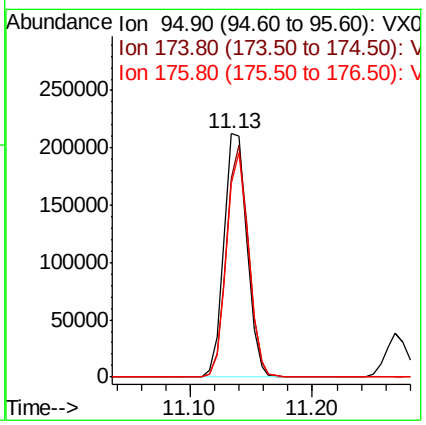


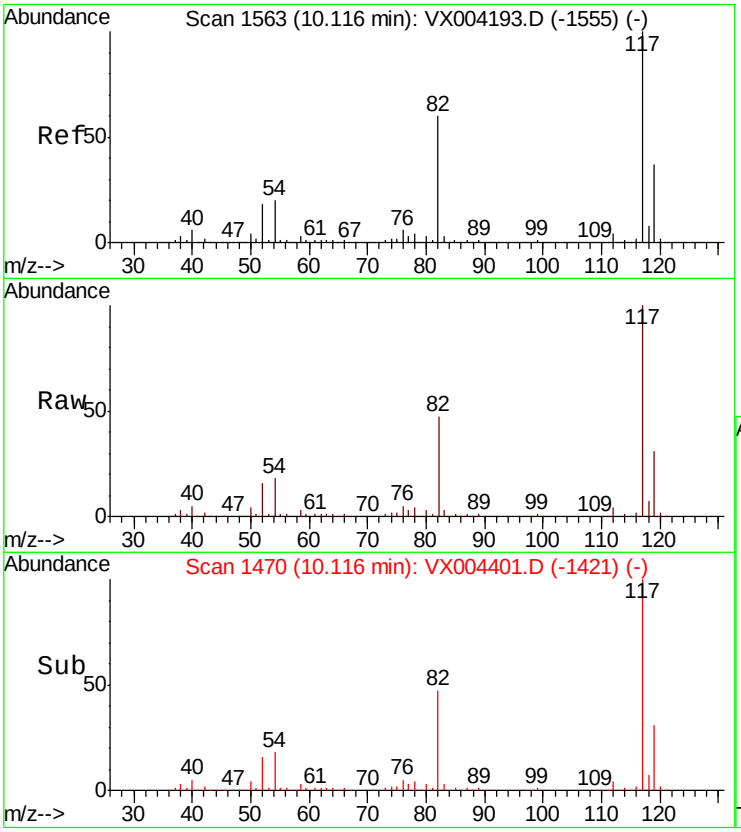




#62
4-Bromofluorobenzene
Concen: 50.56 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 95 Resp: 276514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 90.6 | 0.0 | 185.2 |
| 176 | 88.3 | 0.0 | 178.6 |



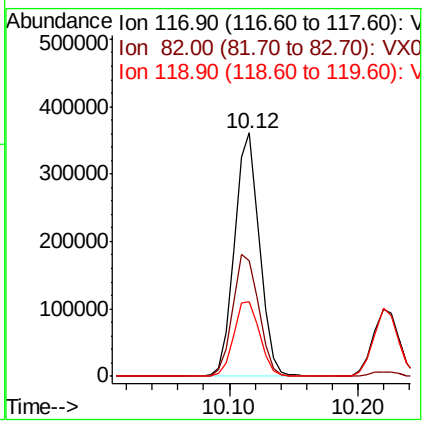


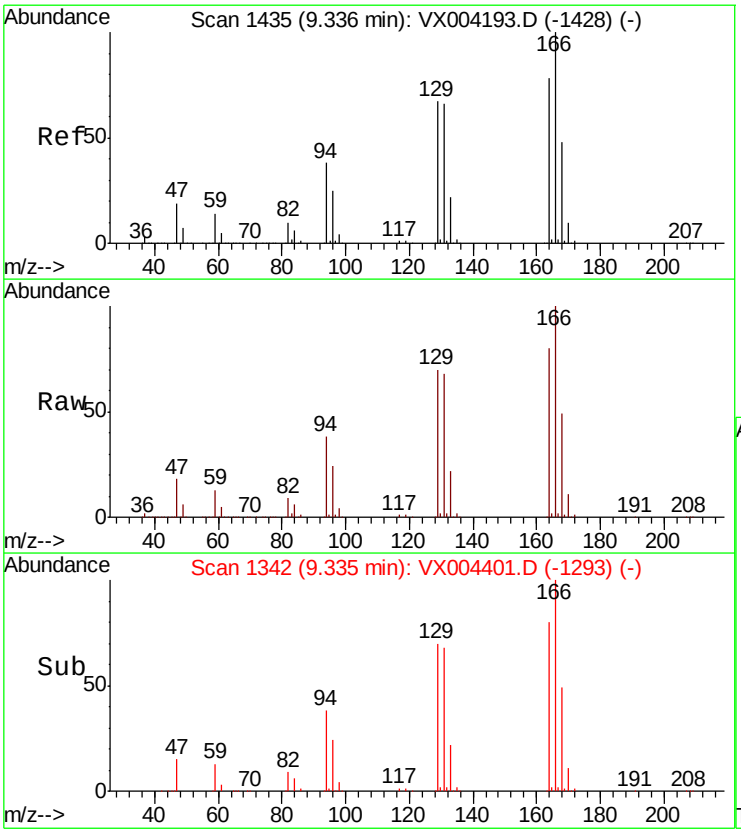

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:117 Resp: 486206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 47.4 | 47.8 | 71.6# |
| 119 | 30.8 | 29.3 | 43.9 |

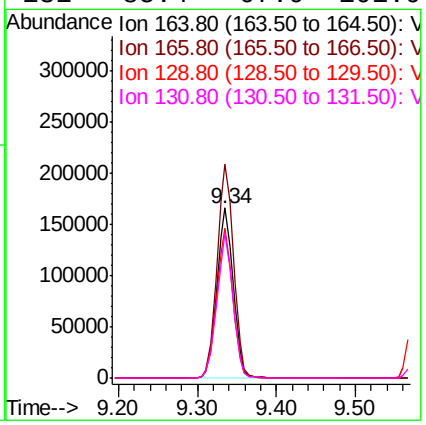


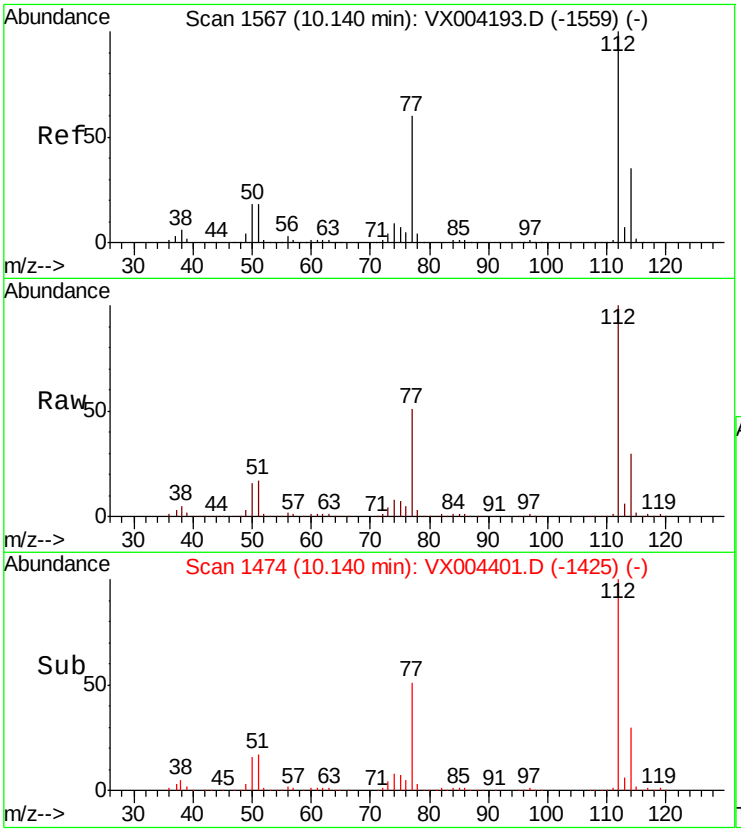




#64
Tetrachloroethene
Concen: 50.02 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:164 Resp: 240227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 125.6 | 102.8 | 154.2 |
| 129 | 87.9 | 69.4 | 104.0 |
| 131 | 85.4 | 67.9 | 101.9 |



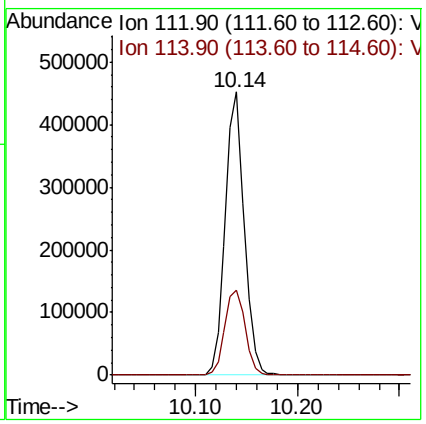


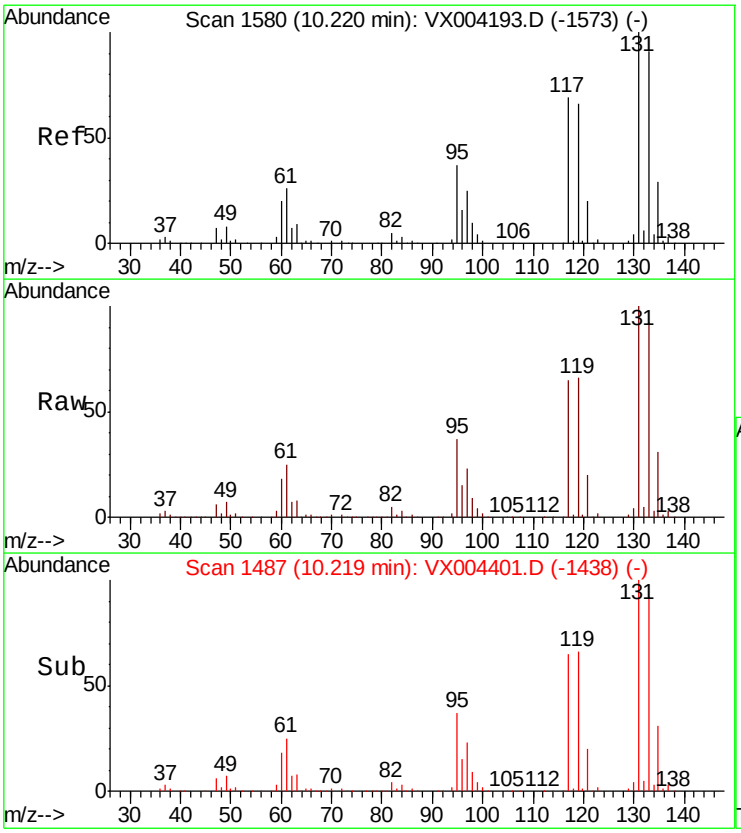

#65
Chlorobenzene
Concen: 47.73 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:112 Resp: 582484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 29.9 | 27.8 | 41.8 |

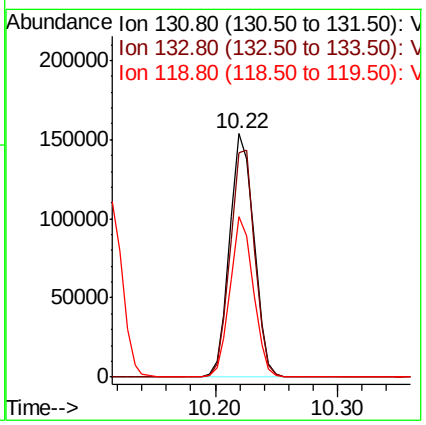


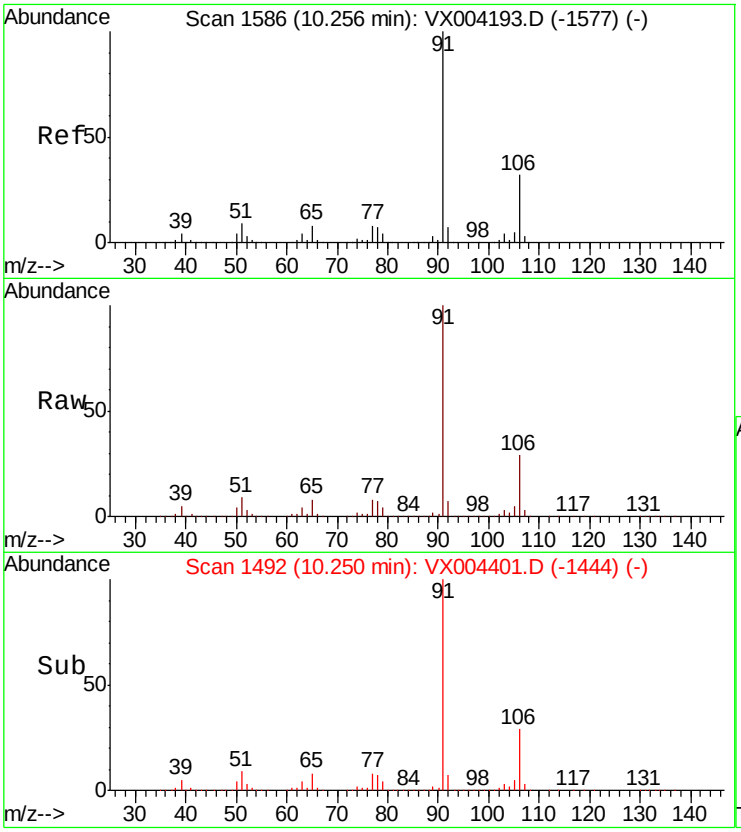




#66
1,1,1,2-Tetrachloroethane
Concen: 49.97 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:131 Resp: 210312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.2 | 48.1 | 144.4 |
| 119 | 63.2 | 32.9 | 98.6 |



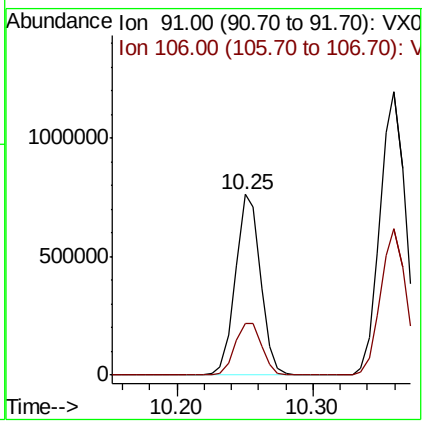


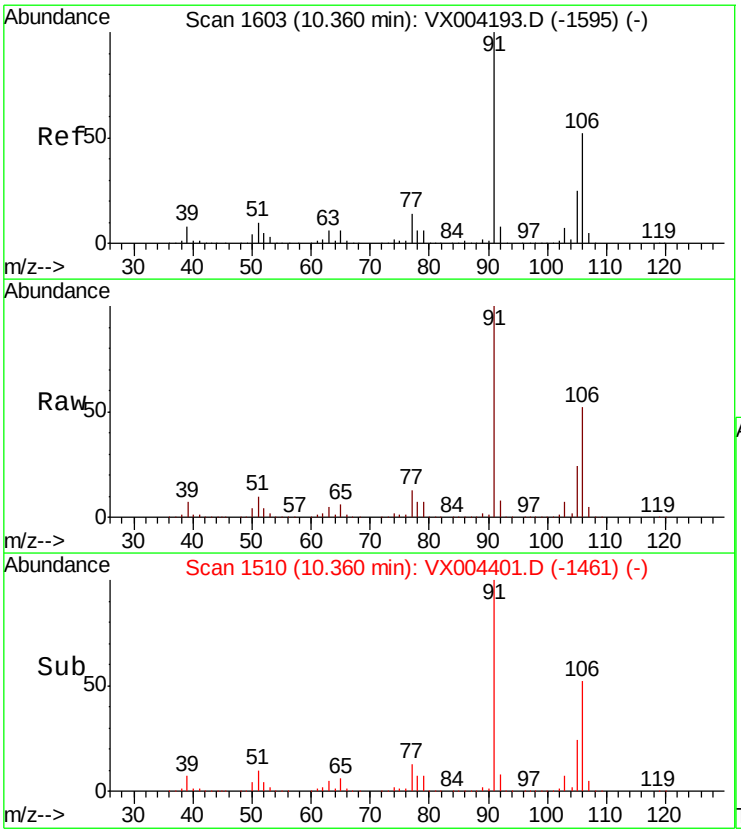

#67
Ethyl Benzene
Concen: 49.49 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 980666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.8 | 25.9 | 38.9 |

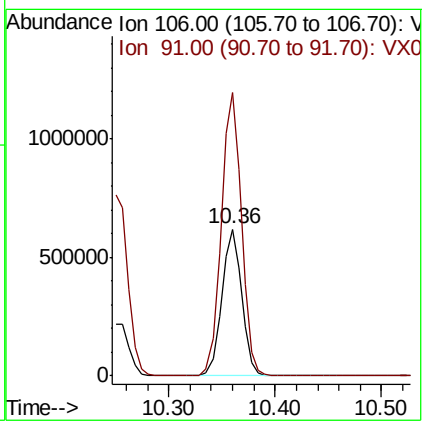


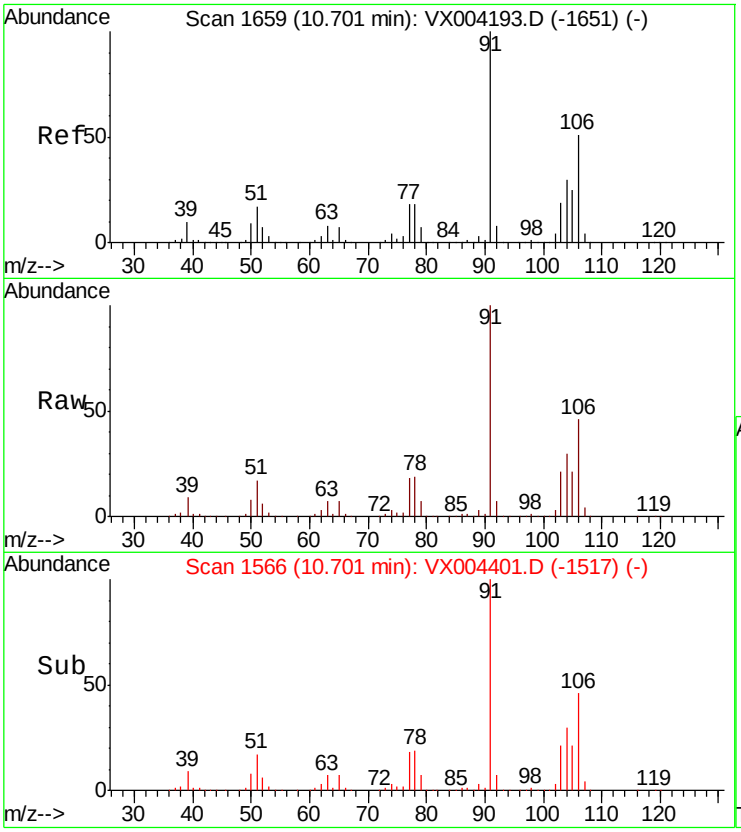




#68
m/p-Xylenes
Concen: 103.97 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:106 Resp: 805660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 196.5 | 157.1 | 235.7 |



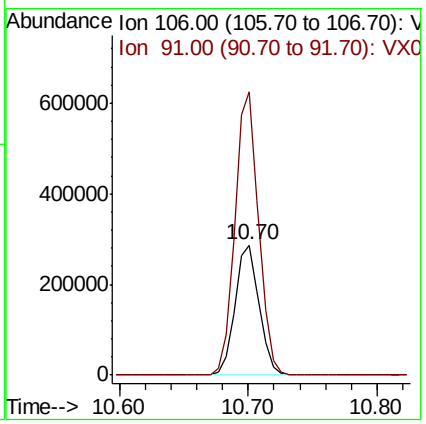


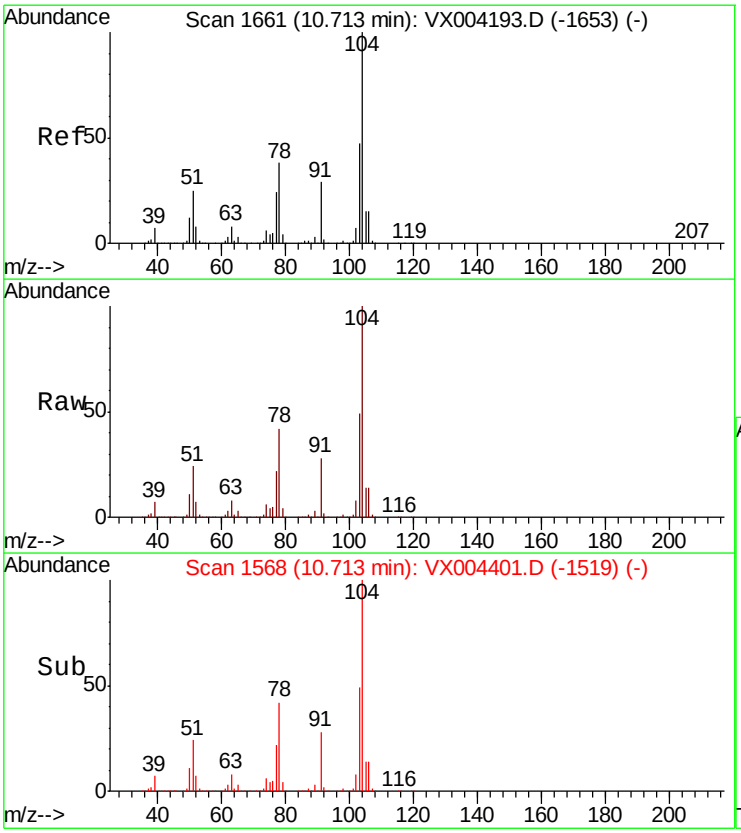

#69
o-Xylene
Concen: 50.59 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:106 Resp: 370795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 214.4 | 105.1 | 315.1 |

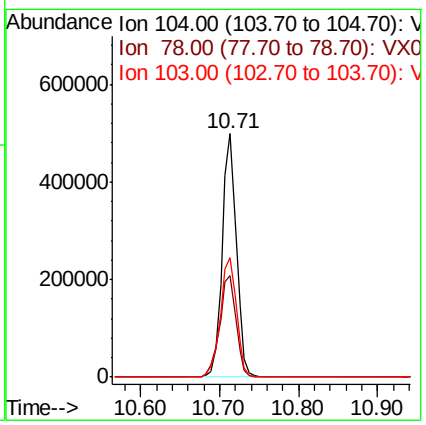


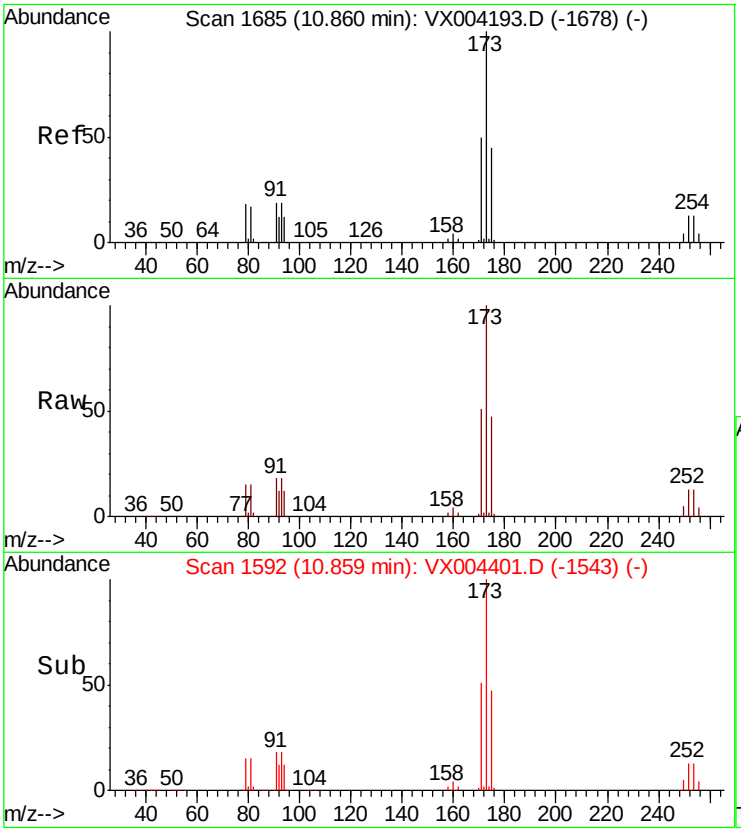




#70
Styrene
Concen: 52.62 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:104 Resp: 624558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.3 | 37.4 | 56.0 |
| 103 | 55.7 | 43.8 | 65.6 |



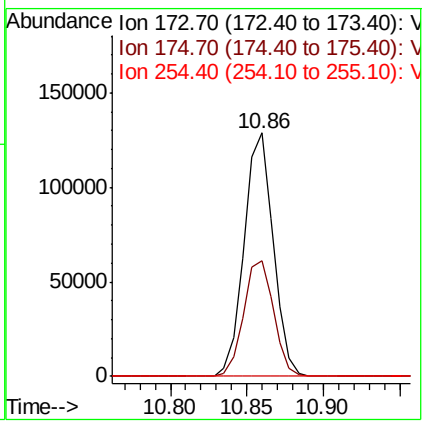


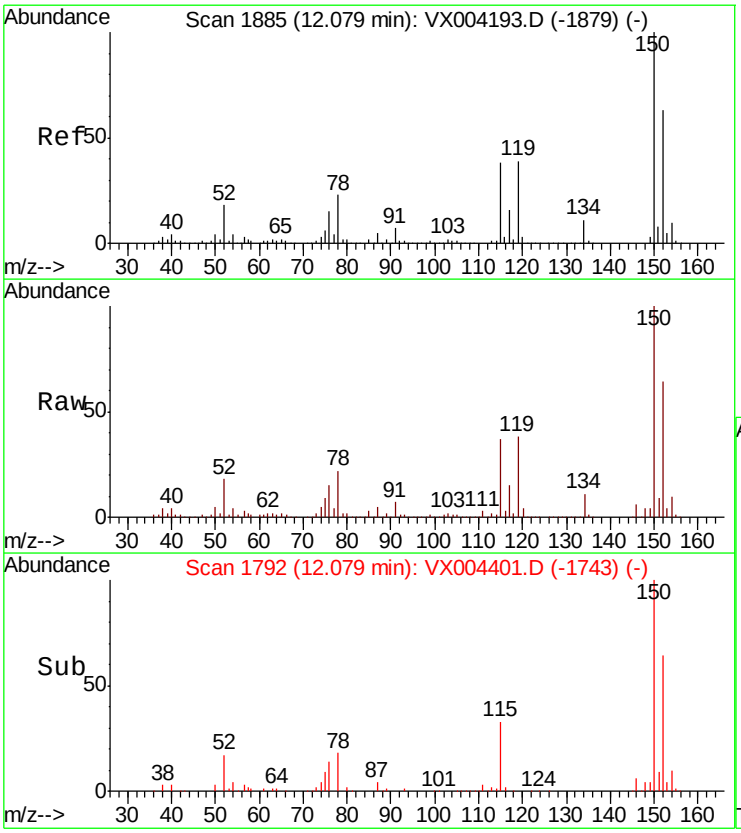

#71
Bromoform
Concen: 50.18 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:173 Resp: 170242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.7 | 24.1 | 72.3 |
| 254 | 0.1 | 0.2 | 0.2# |

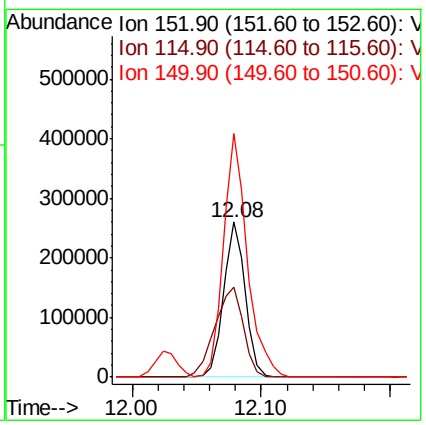


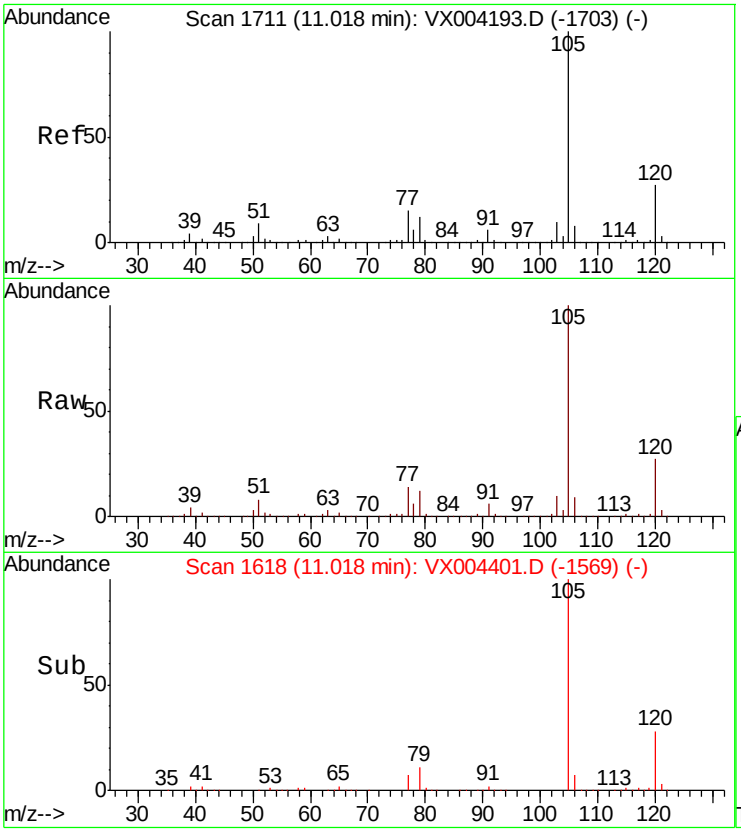




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:152 Resp: 305607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 76.8 | 39.0 | 117.0 |
| 150 | 173.6 | 0.0 | 351.0 |



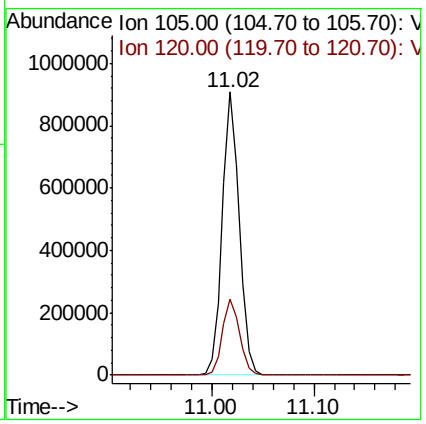


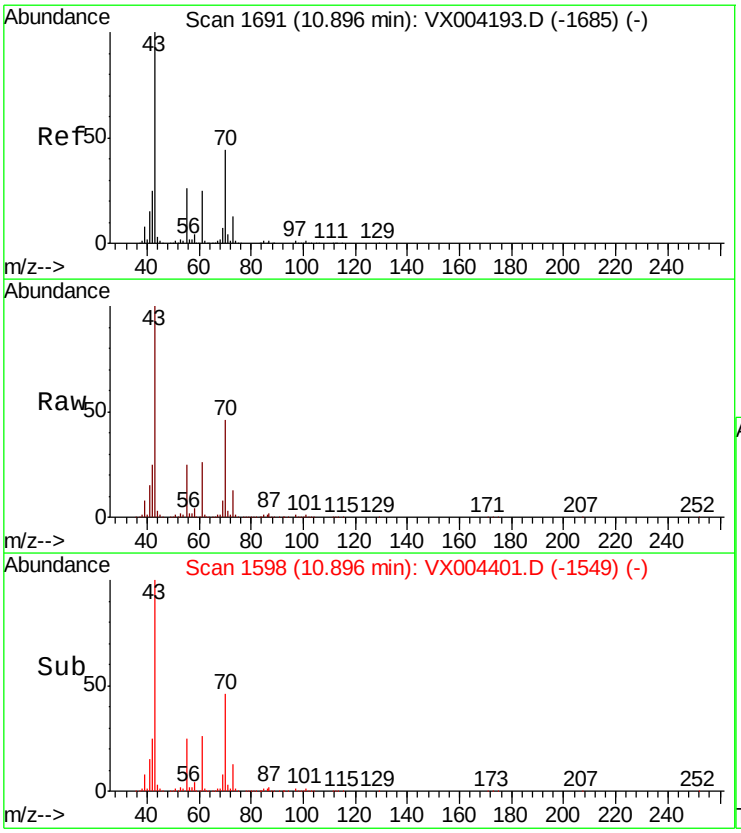

#73
Isopropylbenzene
Concen: 52.53 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion:105 Resp: 1054442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.0 | 13.5 | 40.4 |

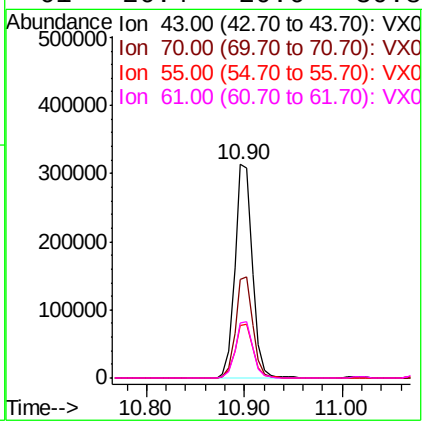


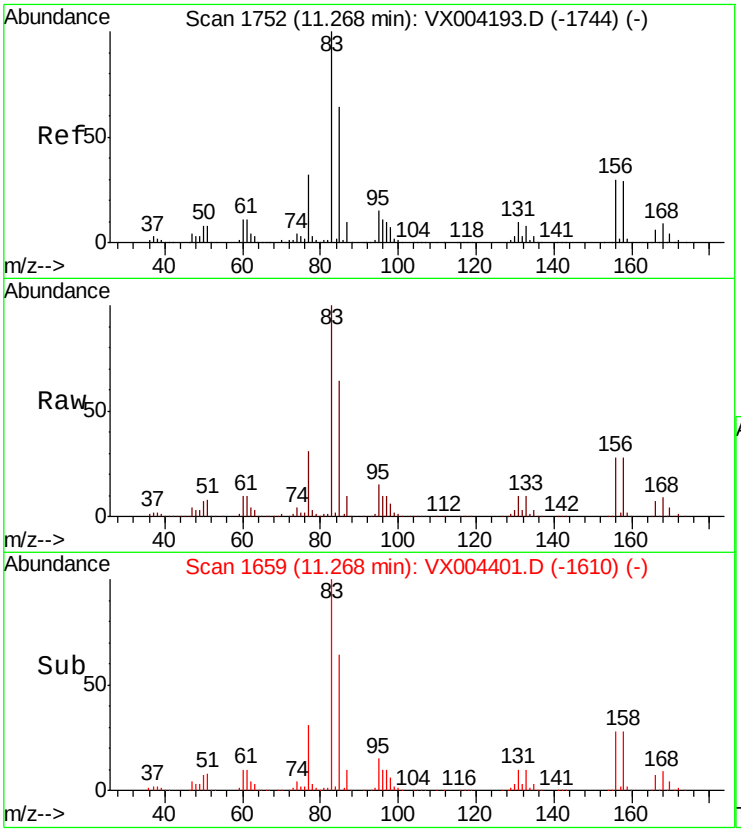




#74
N-amyl acetate
Concen: 49.96 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 43 Resp: 386080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 47.0 | 37.4 | 56.0 |
| 55 | 26.0 | 21.8 | 32.8 |
| 61 | 26.4 | 20.6 | 30.8 |



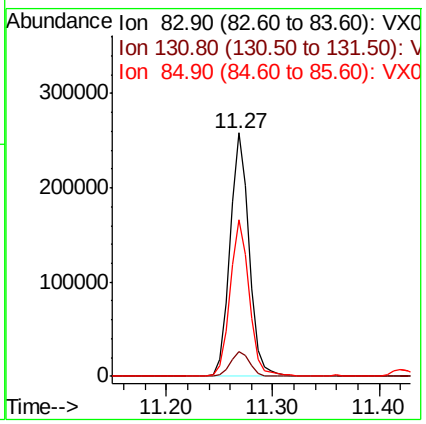


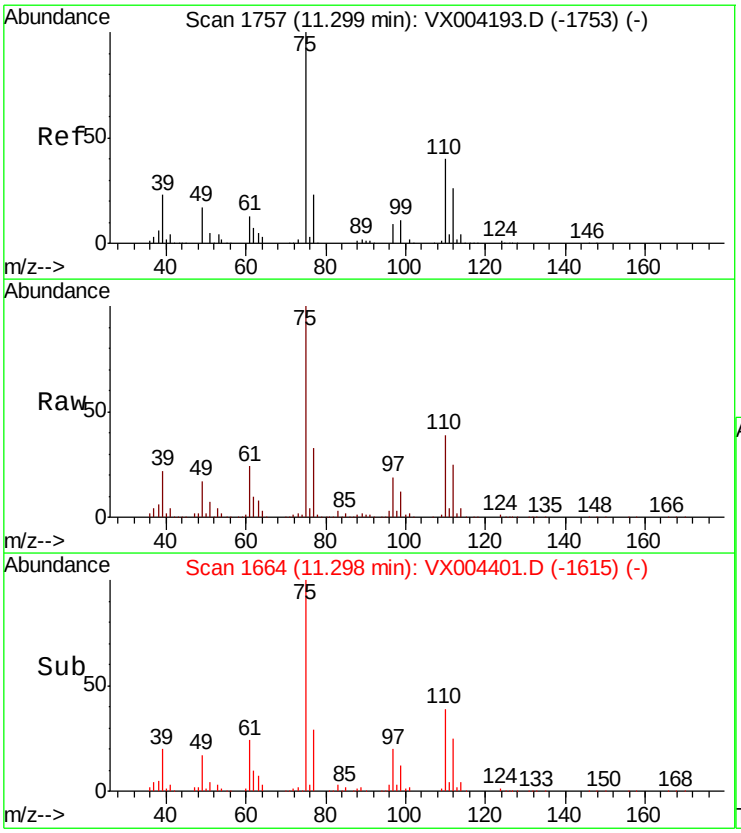

#75
1,1,2,2-Tetrachloroethane
Concen: 46.25 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 324848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 10.5 | 5.2 | 15.6 |
| 85 | 64.6 | 32.3 | 96.8 |

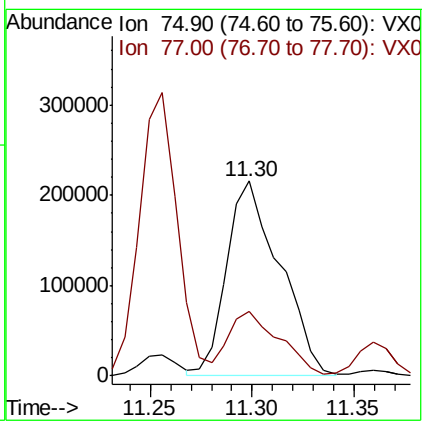


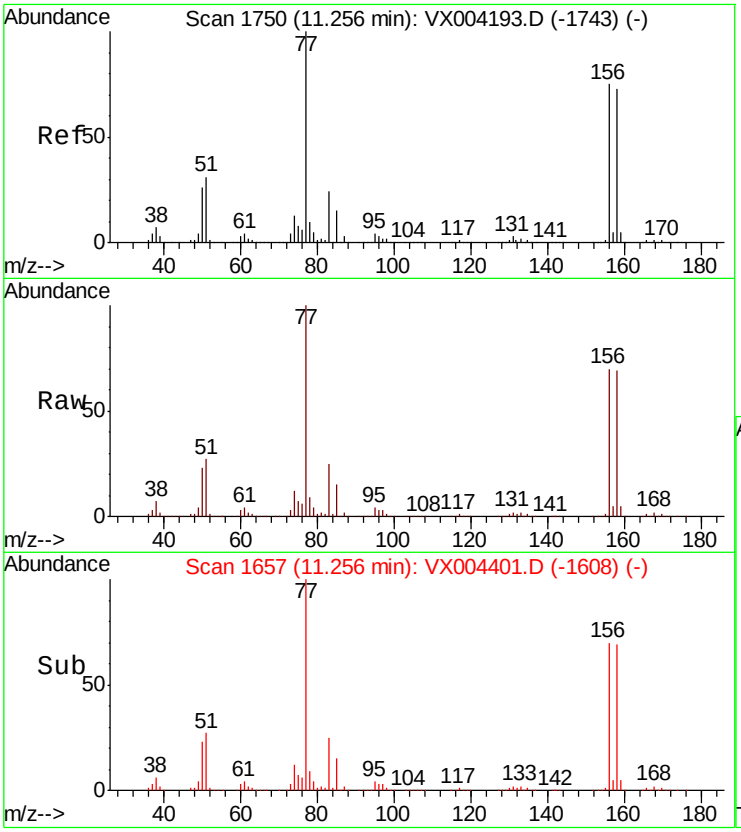




#76
1,2,3-Trichloropropane
Concen: 62.60 ug/l
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 75 Resp: 389109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 20.2 | 60.6 |



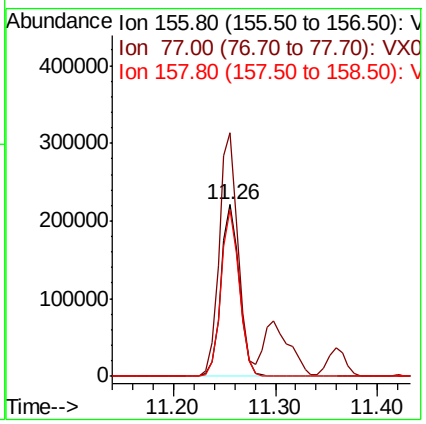


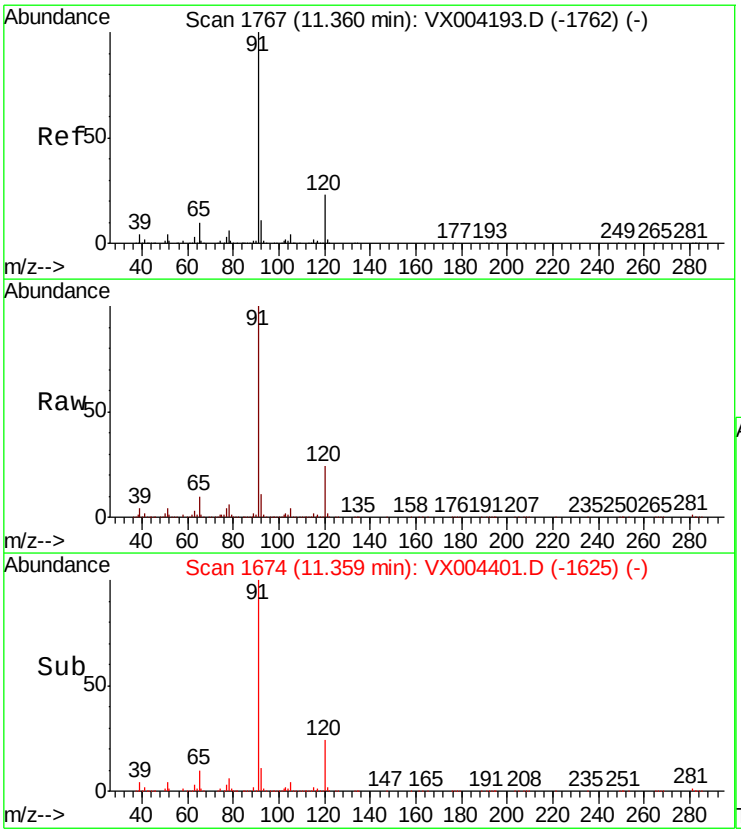

#77
Bromobenzene
Concen: 49.19 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion:156 Resp: 276935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 146.2 | 71.5 | 214.3 |
| 158 | 97.0 | 48.9 | 146.8 |

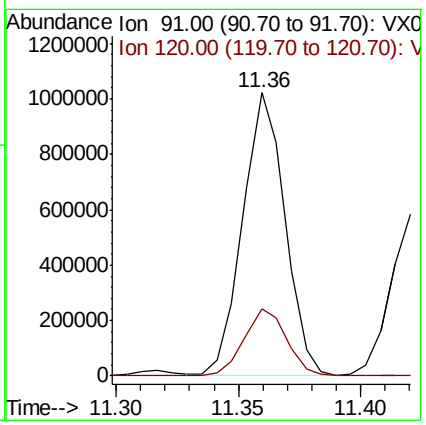


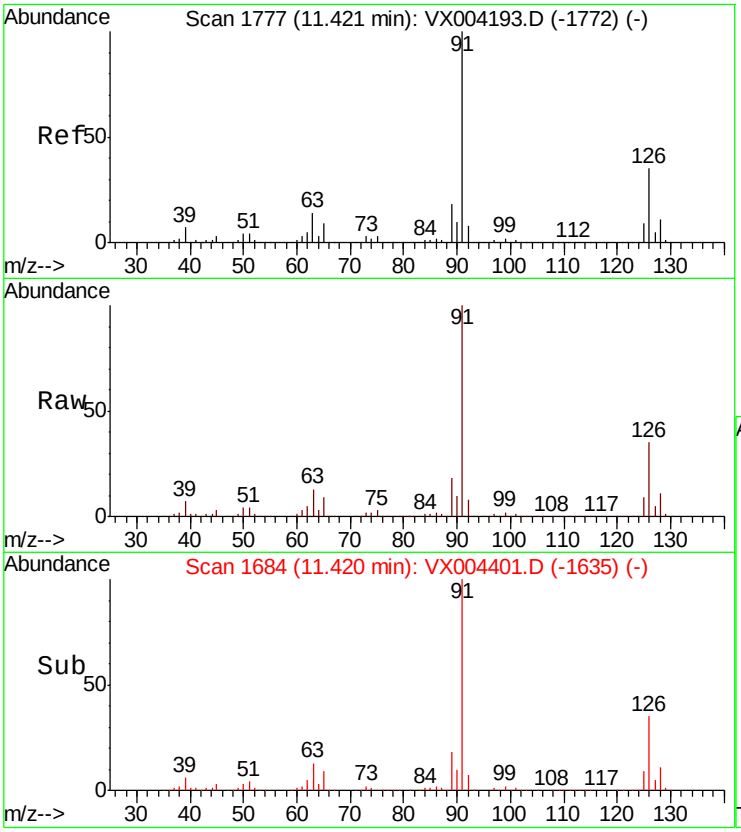




#78
n-propylbenzene
Concen: 52.73 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 91 Resp: 1217281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.1 | 11.9 | 35.9 |



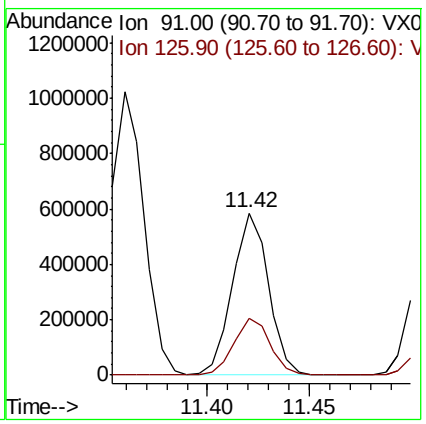


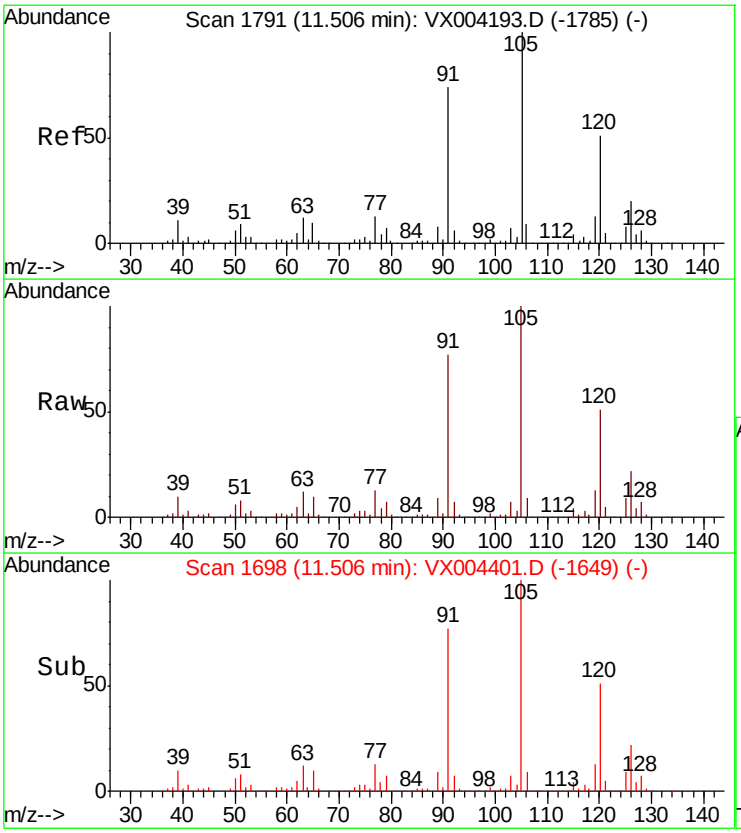

#79
2-Chlorotoluene
Concen: 50.11 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 712051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.3 | 17.9 | 53.7 |

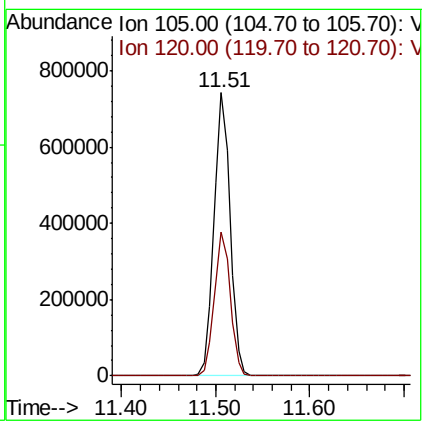


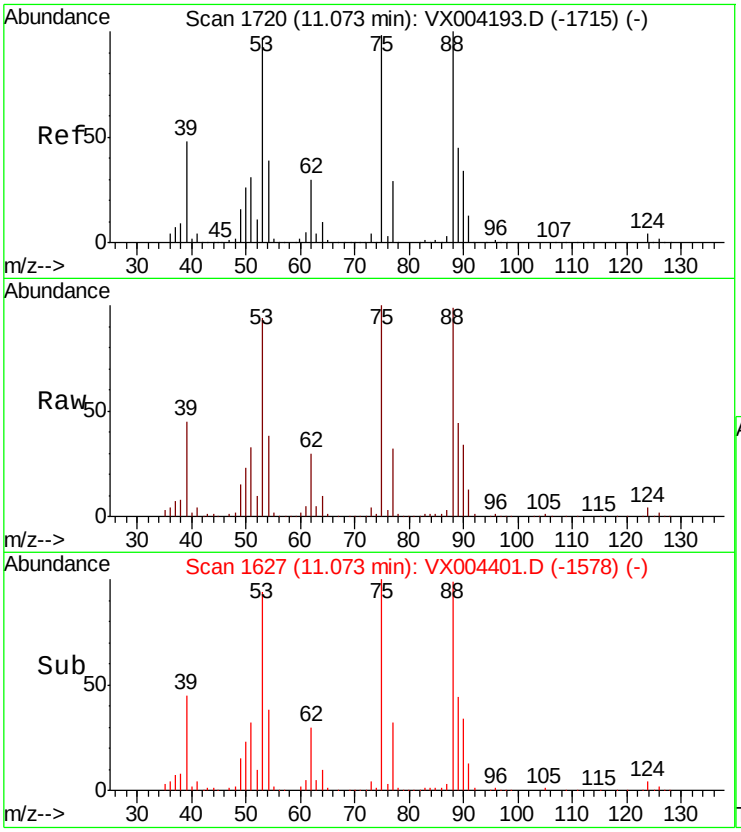




#80
1,3,5-Trimethylbenzene
Concen: 52.98 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:105 Resp: 880696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.7 | 25.6 | 76.8 |



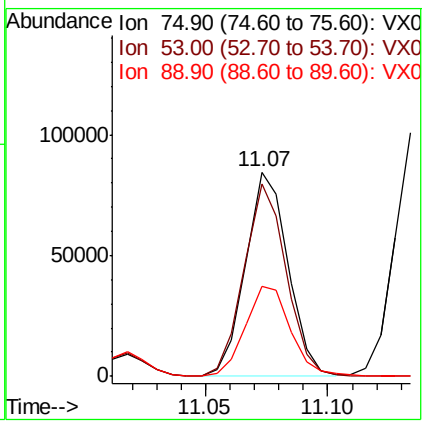


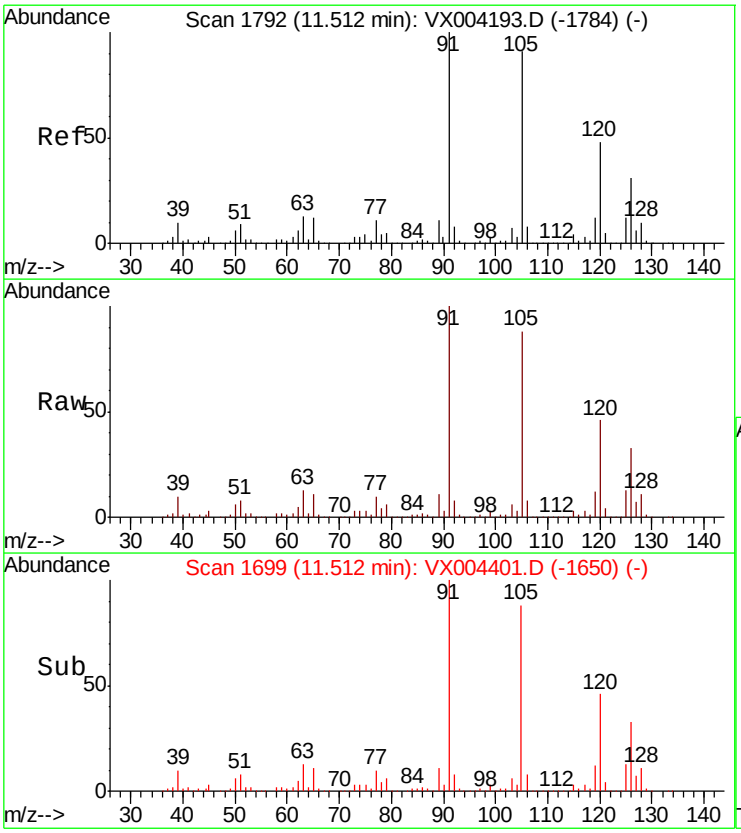

#81
trans-1,4-Dichloro-2-butene
Concen: 53.10 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 101724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 94.2 | 80.1 | 120.1 |
| 89 | 47.5 | 37.2 | 55.8 |

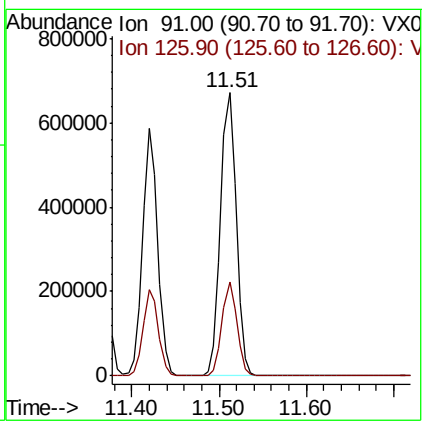


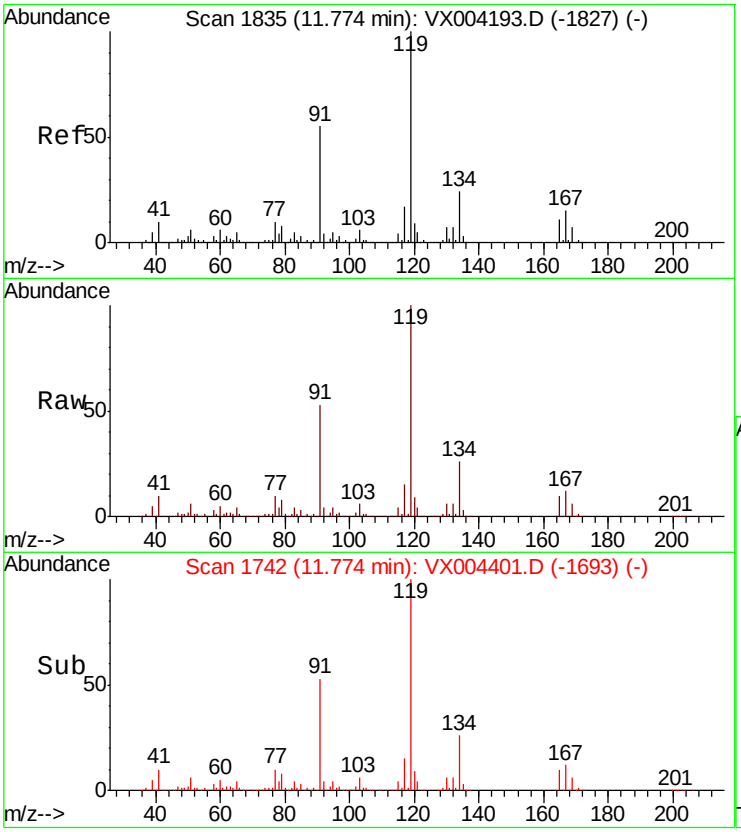




#82
4-Chlorotoluene
Concen: 49.93 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 91 Resp: 834906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.5 | 15.5 | 46.5 |



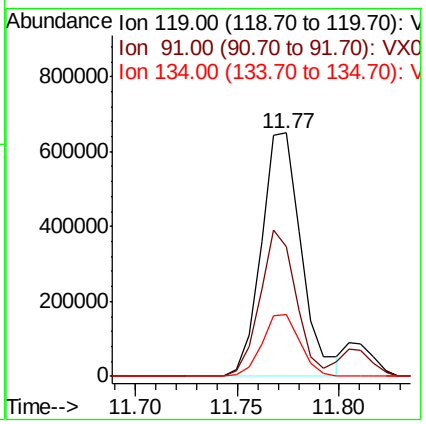


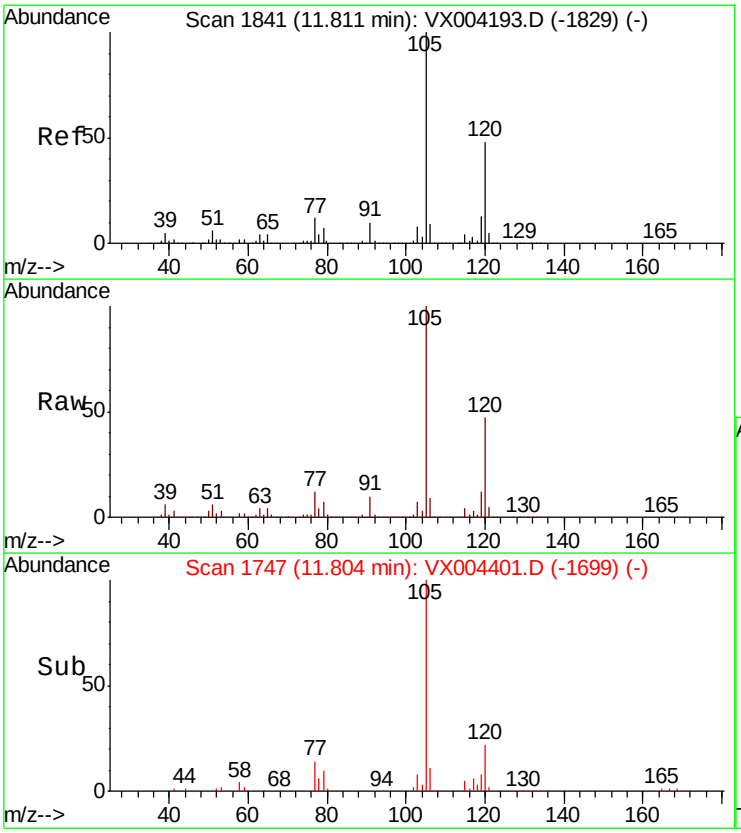

#83
tert-Butylbenzene
Concen: 53.08 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion:119 Resp: 887769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 54.2 | 27.0 | 81.0 |
| 134 | 24.1 | 11.7 | 35.1 |

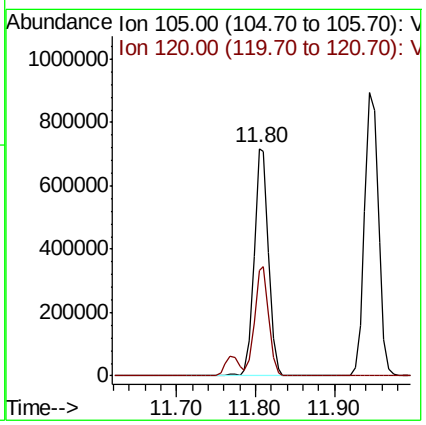


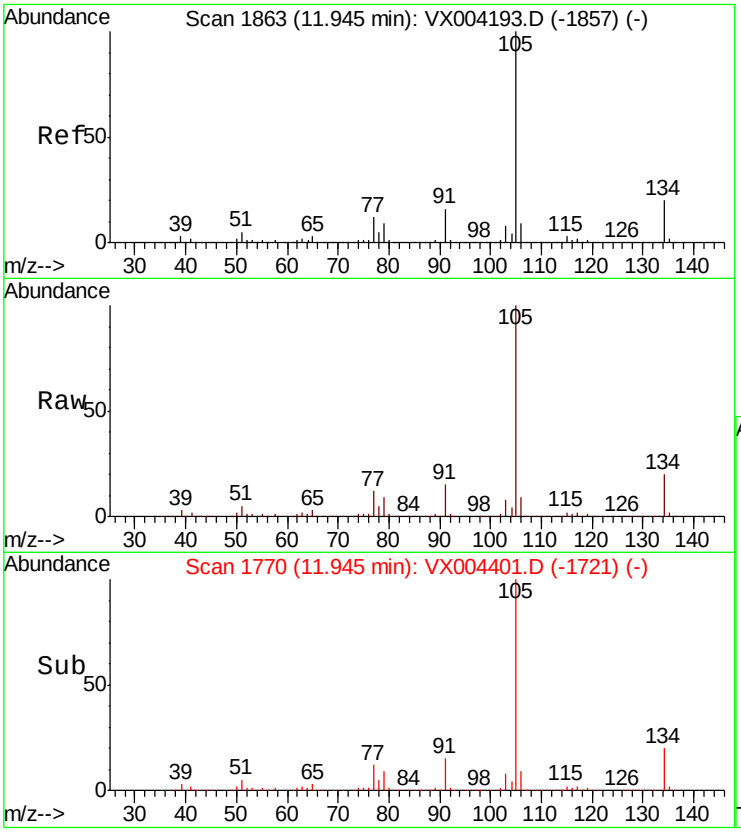




#84
1,2,4-Trimethylbenzene
Concen: 53.27 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:105 Resp: 908898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.9 | 23.2 | 69.6 |



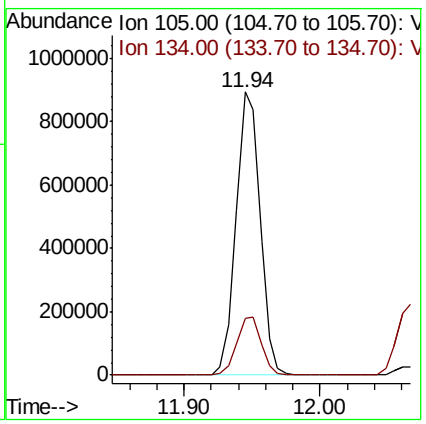


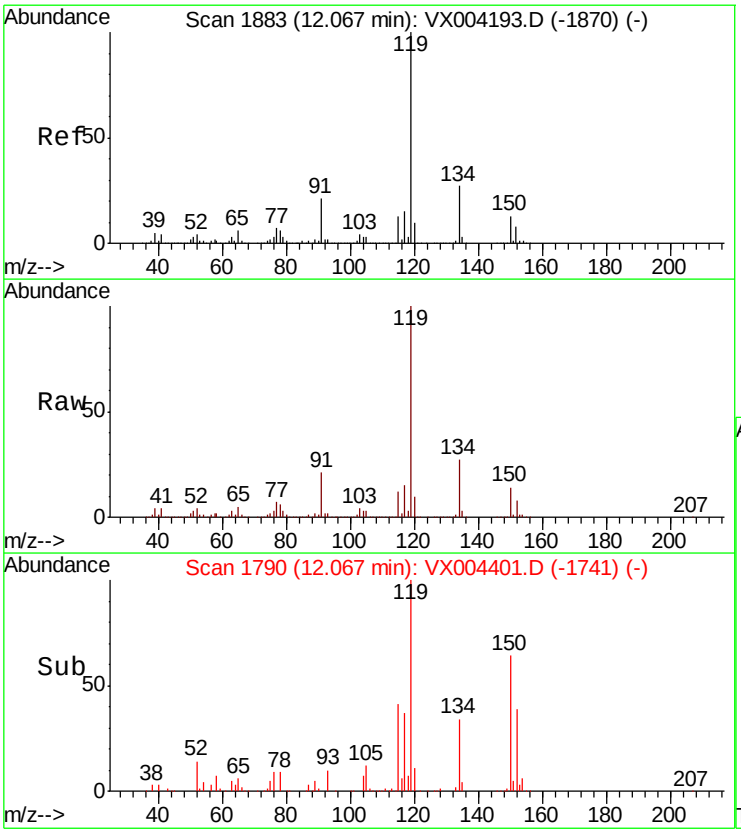

#85
sec-Butylbenzene
Concen: 55.45 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:105 Resp: 1100996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.8 | 10.5 | 31.5 |

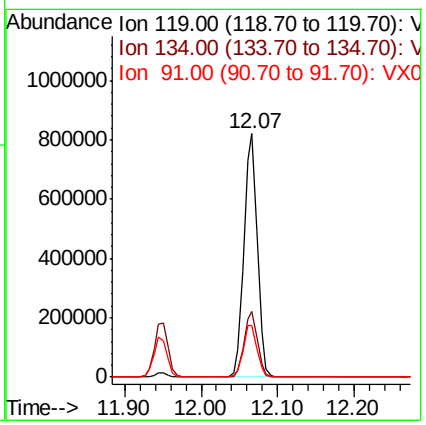


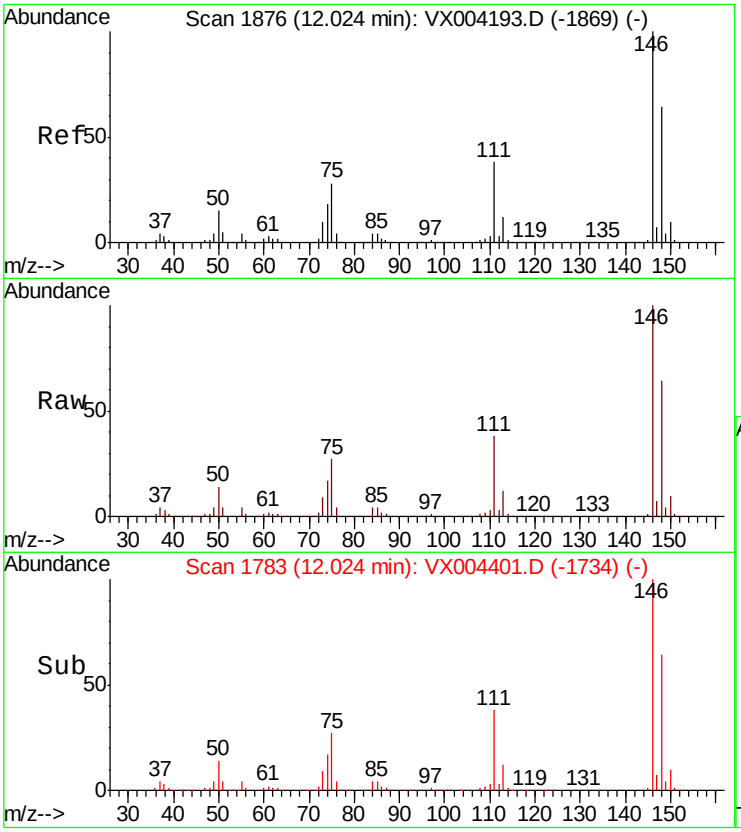




#86
p-Isopropyltoluene
Concen: 55.59 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:119 Resp: 989257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.0 | 13.4 | 40.2 |
| 91 | 21.9 | 10.9 | 32.7 |



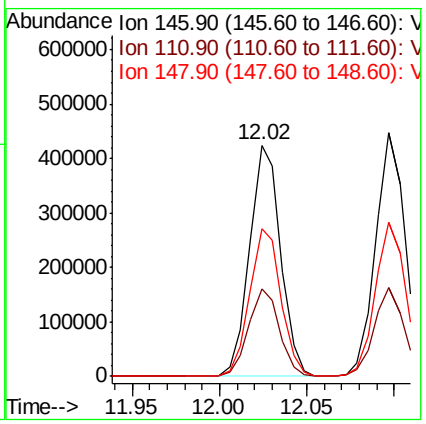


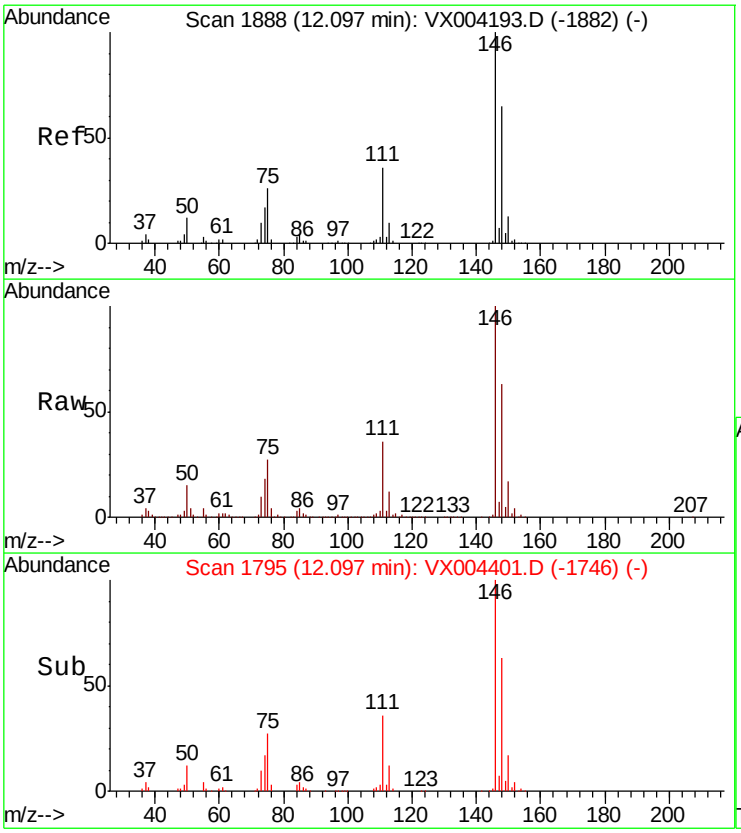

#87
1,3-Dichlorobenzene
Concen: 49.29 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 522546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.7 | 18.7 | 56.1 |
| 148 | 64.5 | 32.1 | 96.5 |

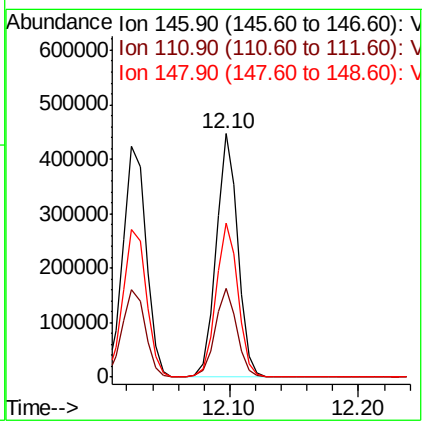


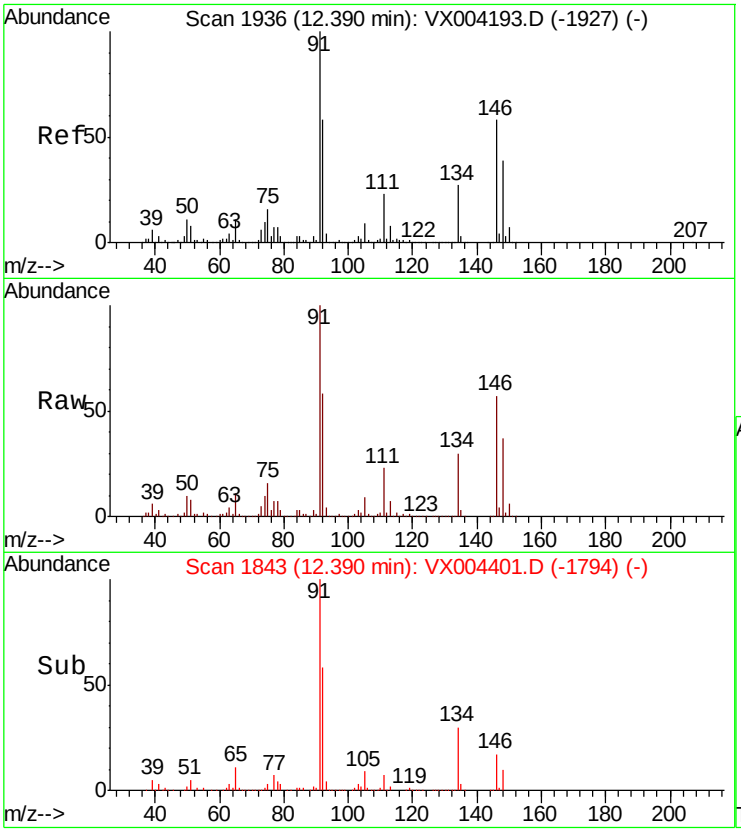




#88
1,4-Dichlorobenzene
Concen: 47.01 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:146 Resp: 525469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.6 | 18.1 | 54.1 |
| 148 | 64.5 | 32.0 | 96.0 |



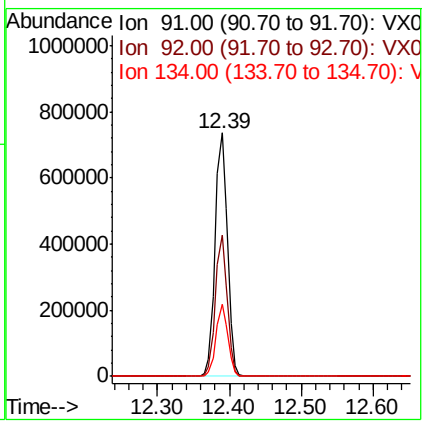


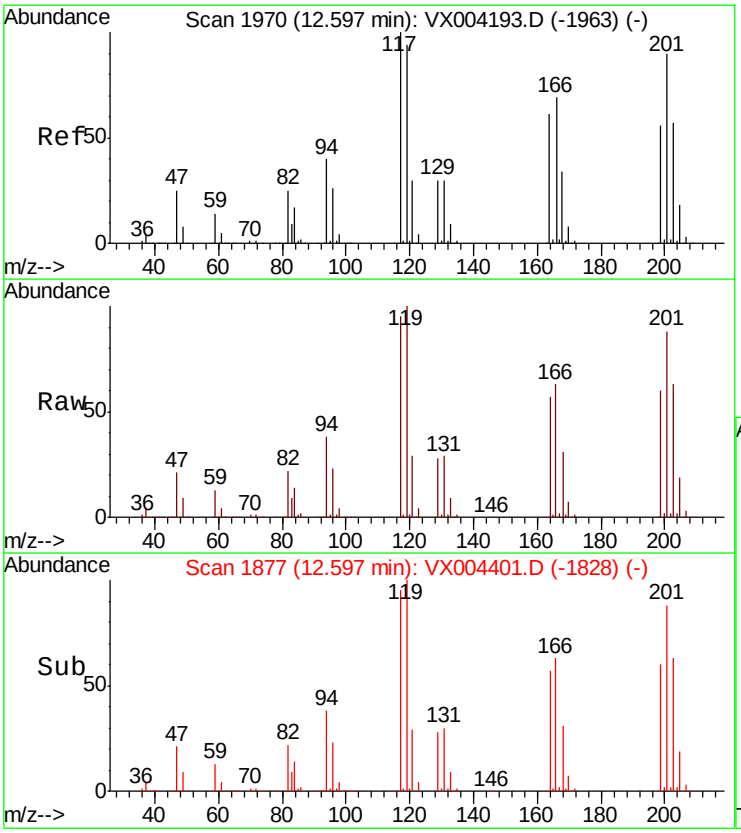

#89
n-Butylbenzene
Concen: 59.78 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :** MSVOA_X
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 865039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.8 | 27.3 | 81.9 |
| 134 | 28.4 | 13.6 | 40.7 |

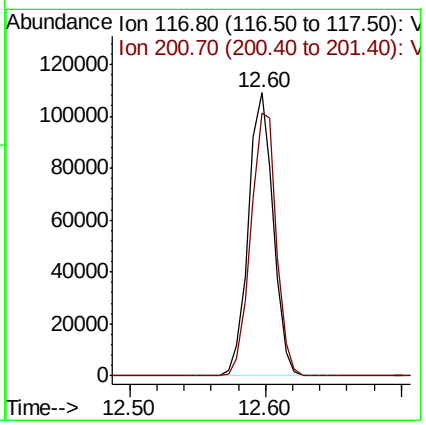


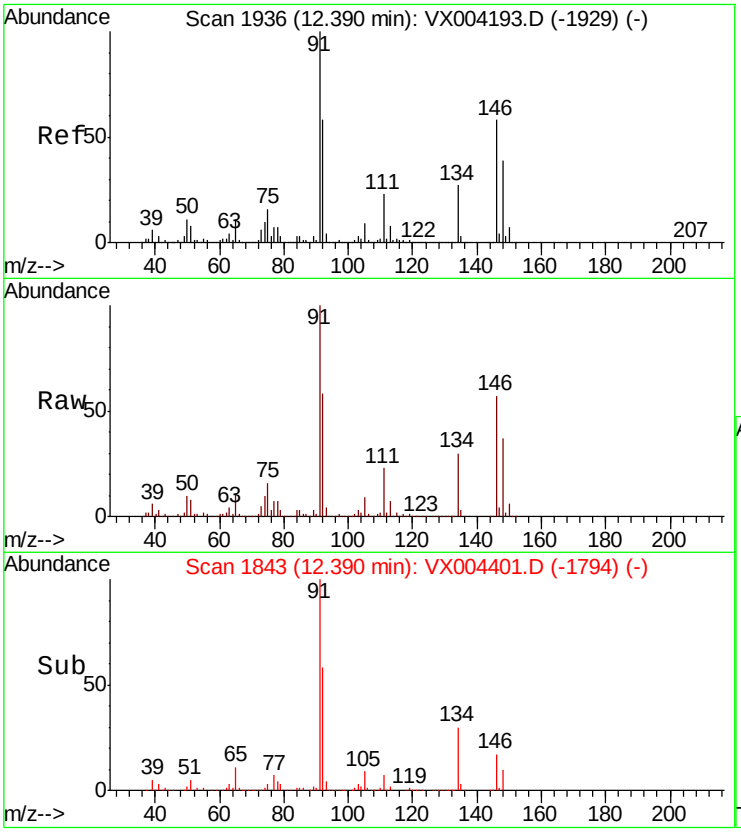




#90
Hexachloroethane
Concen: 56.31 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:117 Resp: 140045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 95.7 | 46.9 | 140.6 |



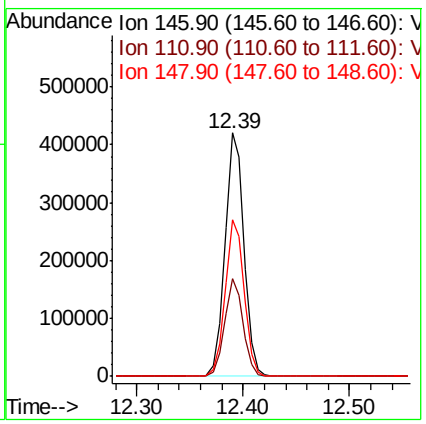


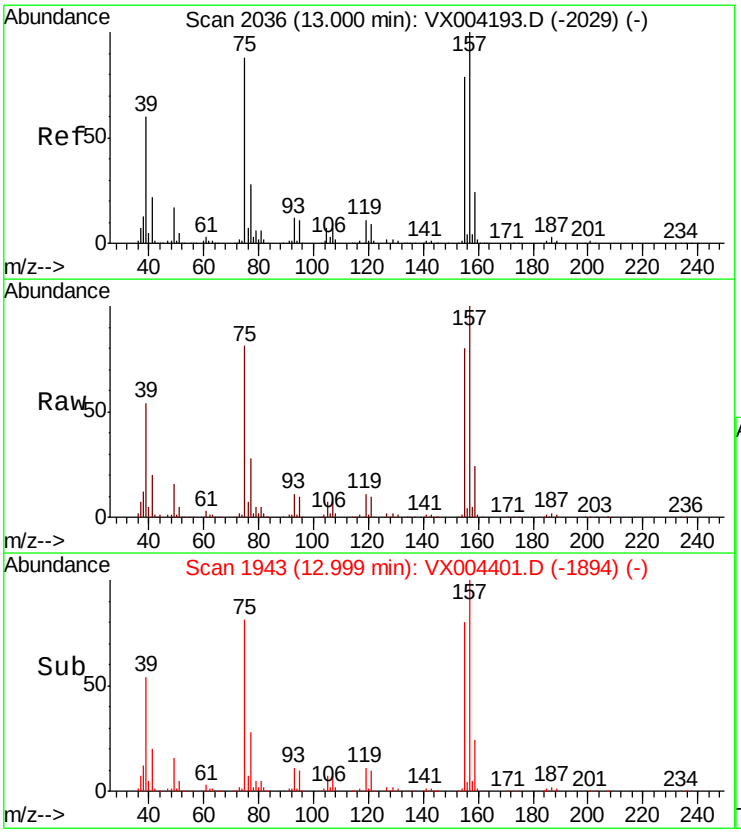

#91
1,2-Dichlorobenzene
Concen: 53.87 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 521885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.1 | 19.4 | 58.1 |
| 148 | 64.4 | 32.8 | 98.3 |

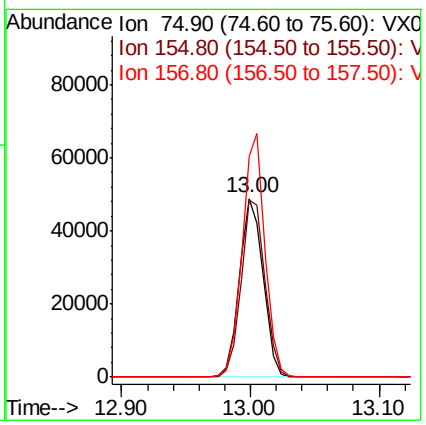


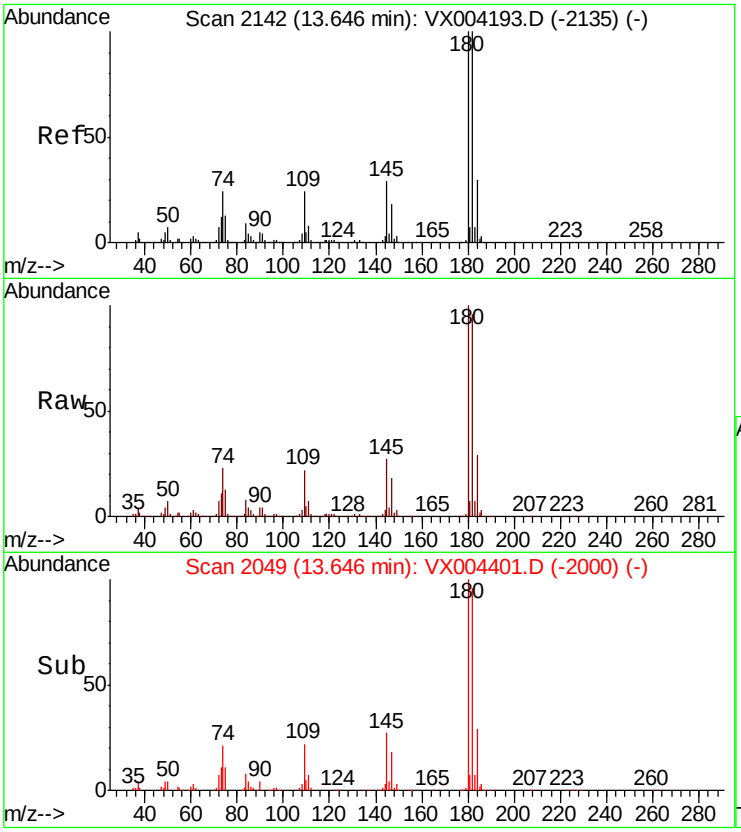




#92
1,2-Dibromo-3-Chloropropane
Concen: 49.89 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion: 75 Resp: 61723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 99.4 | 48.0 | 144.2 |
| 157 | 129.6 | 61.4 | 184.1 |



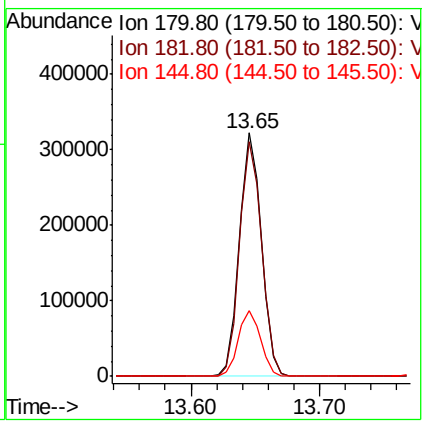


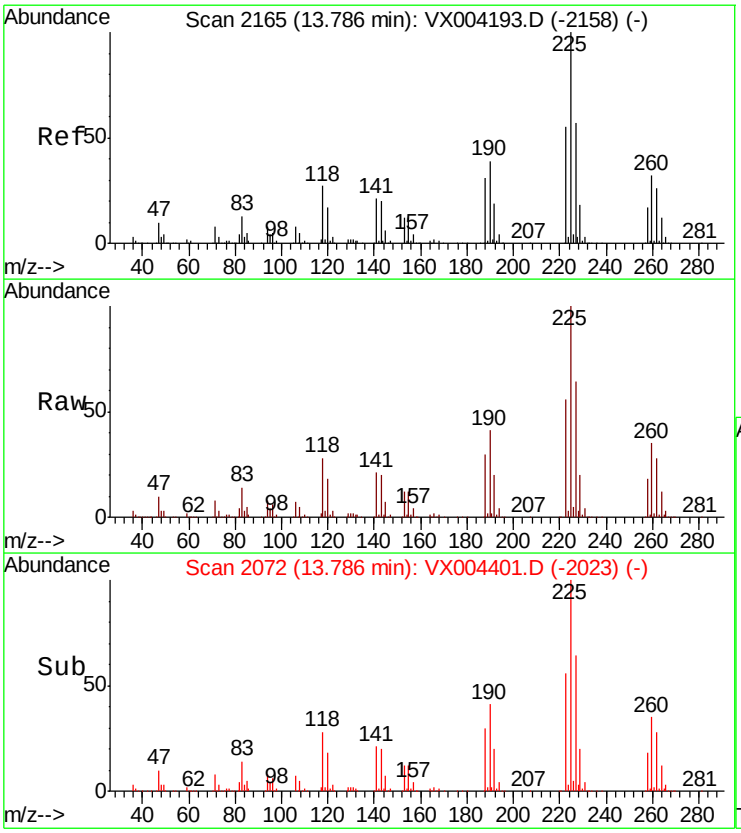

#93
1,2,4-Trichlorobenzene
Concen: 53.91 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:180 Resp: 380025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.2 | 48.4 | 145.0 |
| 145 | 27.6 | 14.3 | 42.9 |

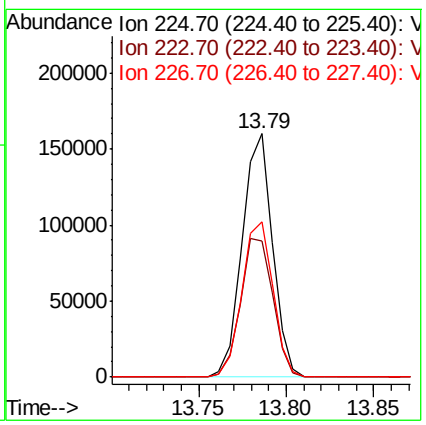


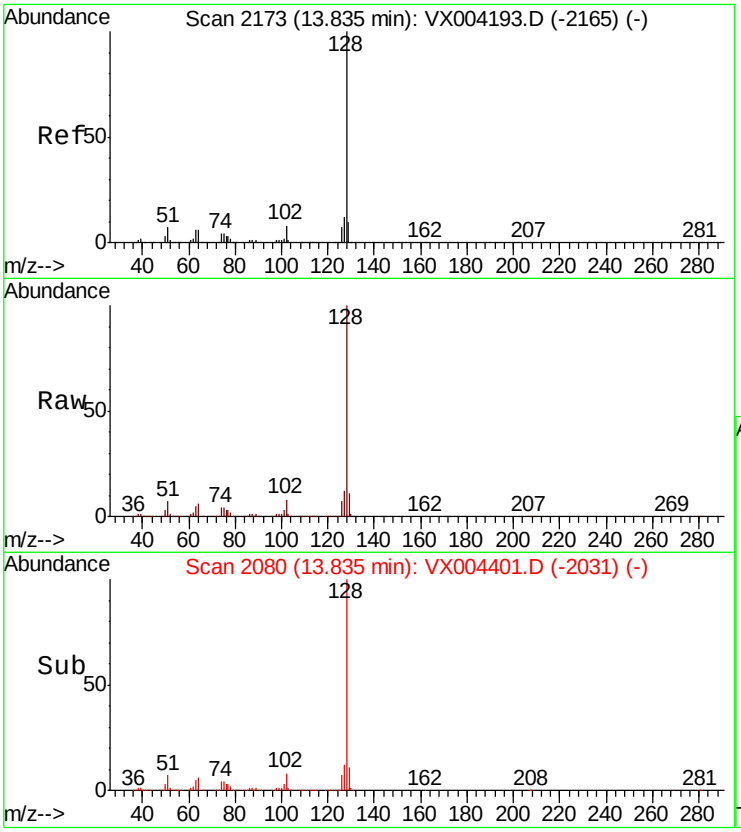




#94
Hexachlorobutadiene
Concen: 59.02 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:225 Resp: 193465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.2 | 30.1 | 90.5 |
| 227 | 65.6 | 30.8 | 92.4 |



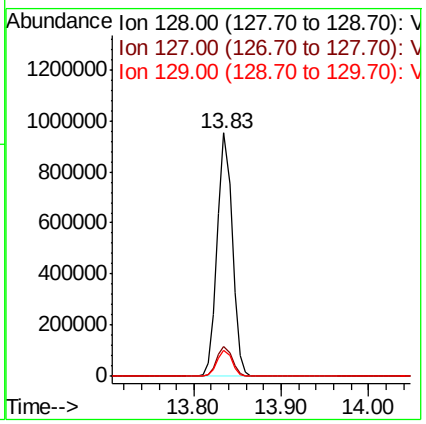


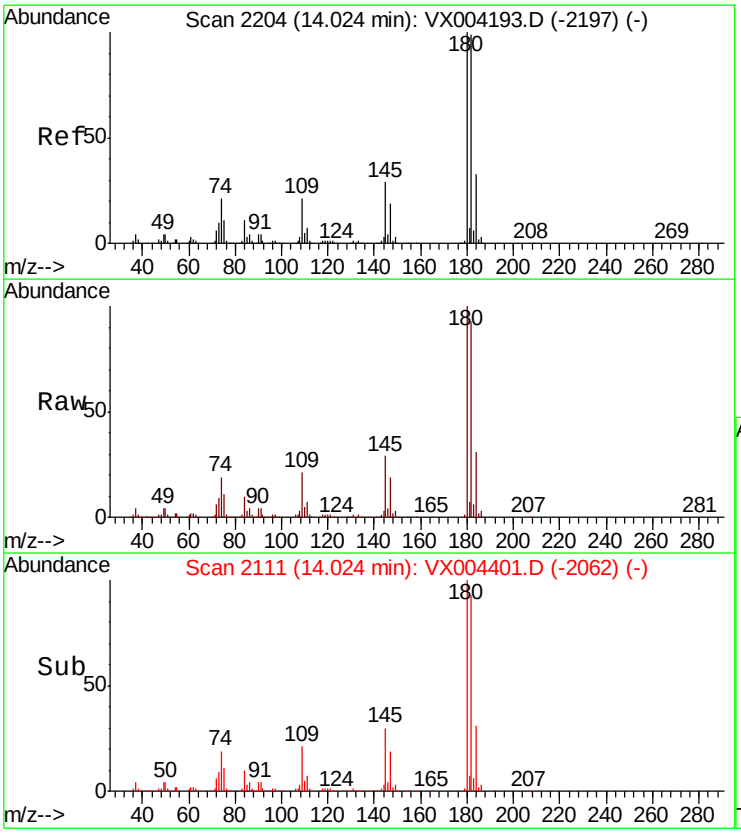

#95
Naphthalene
Concen: 56.42 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

**Instrument :**
MSVOA_X
**ClientSampleId :**
VSTDCCC050

Tgt Ion:128 Resp: 1125017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.6 | 10.2 | 15.2 |
| 129 | 10.9 | 8.6 | 12.8 |




#96
1,2,3-Trichlorobenzene
Concen: 53.22 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004401.D
Acq: 07 Sep 2018 11:37

Tgt Ion:180 Resp: 397180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 48.5 | 145.6 |
| 145 | 29.8 | 14.9 | 44.9 |