Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
Data File : VX011502.D
Acq On : 12 Aug 2019 23:16
Operator : JC/SP
Sample : VX0812WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Quant Time: Aug 13 07:45:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.65 | 168 | 152101 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.85 | 114 | 227865 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.11 | 117 | 211321 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 109986 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.06 | 65 | 86713 | 56.61 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 113.22% | | | |
| 35) Dibromofluoromethane | 5.49 | 113 | 73783 | 49.60 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.20% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 272921 | 48.60 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.20% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 99271 | 49.51 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.02% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.19 | 85 | 20389 | 17.356 | ug/l | 100 |
| 3) Chloromethane | 1.32 | 50 | 22637 | 17.160 | ug/l | 98 |
| 4) Vinyl Chloride | 1.40 | 62 | 24099 | 16.608 | ug/l | 96 |
| 5) Bromomethane | 1.63 | 94 | 19106 | 18.461 | ug/l | 100 |
| 6) Chloroethane | 1.71 | 64 | 16908 | 17.097 | ug/l | 96 |
| 7) Trichlorofluoromethane | 1.92 | 101 | 43577 | 16.889 | ug/l | 97 |
| 8) Diethyl Ether | 2.18 | 74 | 15568 | 16.898 | ug/l | 98 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 24539 | 17.577 | ug/l | 97 |
| 10) Methyl Iodide | 2.50 | 142 | 27697 | 15.736 | ug/l | 98 |
| 11) Tert butyl alcohol | 3.04 | 59 | 33521 | 109.759 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.37 | 96 | 23244 | 16.796 | ug/l | 88 |
| 13) Acrolein | 2.29 | 56 | 16076 | 84.412 | ug/l | 98 |
| 14) Allyl chloride | 2.72 | 41 | 36297 | 19.674 | ug/l | 98 |
| 15) Acrylonitrile | 3.14 | 53 | 75855 | 104.070 | ug/l | 98 |
| 16) Acetone | 2.43 | 43 | 67197 | 92.167 | ug/l | 97 |
| 17) Carbon Disulfide | 2.56 | 76 | 50231 | 15.468 | ug/l | 100 |
| 18) Methyl Acetate | 2.76 | 43 | 37548 | 22.536 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.19 | 73 | 83893 | 20.571 | ug/l | 100 |
| 20) Methylene Chloride | 2.85 | 84 | 29340 | 18.375 | ug/l | 95 |
| 21) trans-1,2-Dichloroethene | 3.16 | 96 | 26087 | 17.820 | ug/l | 92 |
| 22) Diisopropyl ether | 3.85 | 45 | 81573 | 20.118 | ug/l | 95 |
| 23) Vinyl Acetate | 3.81 | 43 | 340544 | 101.261 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.69 | 63 | 46612 | 19.495 | ug/l | 96 |
| 25) 2-Butanone | 4.67 | 43 | 104272 | 100.541 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 4.58 | 77 | 28879 | 15.538 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.59 | 96 | 31445 | 18.649 | ug/l | 97 |
| 28) Bromochloromethane | 5.01 | 49 | 22799 | 20.917 | ug/l | 95 |
| 29) Tetrahydrofuran | 5.12 | 42 | 66234 | 104.157 | ug/l | 99 |
| 30) Chloroform | 5.20 | 83 | 52571 | 20.230 | ug/l | 97 |
| 31) Cyclohexane | 5.57 | 56 | 34244 | 17.360 | ug/l | 93 |
| 32) 1,1,1-Trichloroethane | 5.49 | 97 | 43363 | 19.480 | ug/l | 97 |
| 36) 1,1-Dichloropropene | 5.79 | 75 | 35122 | 17.654 | ug/l | 98 |
| 37) Ethyl Acetate | 4.82 | 43 | 37945 | 19.014 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.78 | 117 | 38078 | 19.024 | ug/l | 96 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
Data File : VX011502.D
Acq On : 12 Aug 2019 23:16
Operator : JC/SP
Sample : VX0812WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Quant Time: Aug 13 07:45:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 7.46 | 83 | 36833 | 15.619 | ug/l | | 98 |
| 40) Benzene | 6.14 | 78 | 109389 | 18.426 | ug/l | | 97 |
| 41) Methacrylonitrile | 5.04 | 41 | 21869 | 20.066 | ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.18 | 62 | 41755 | 20.799 | ug/l | | 96 |
| 43) Isopropyl Acetate | 6.44 | 43 | 62041 | 19.446 | ug/l | | 99 |
| 44) Trichloroethene | 7.21 | 130 | 31120 | 17.318 | ug/l | | 93 |
| 45) 1,2-Dichloropropane | 7.51 | 63 | 28321 | 18.420 | ug/l | | 99 |
| 46) Dibromomethane | 7.66 | 93 | 21023 | 18.730 | ug/l | | 96 |
| 47) Bromodichloromethane | 7.89 | 83 | 36363 | 19.135 | ug/l | | 97 |
| 48) Methyl methacrylate | 7.77 | 41 | 30684 | 20.436 | ug/l | | 96 |
| 49) 1,4-Dioxane | 7.73 | 88 | 16326 | 375.057 | ug/l | | 89 |
| 51) 4-Methyl-2-Pentanone | 8.64 | 43 | 212409 | 103.160 | ug/l | | 100 |
| 52) Toluene | 8.78 | 92 | 72021 | 18.348 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 9.04 | 75 | 34914 | 17.719 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 8.43 | 75 | 40427 | 18.212 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 9.21 | 97 | 31165 | 19.311 | ug/l | | 96 |
| 56) Ethyl methacrylate | 9.18 | 69 | 43745 | 19.021 | ug/l | | 95 |
| 57) 1,3-Dichloropropane | 9.37 | 76 | 49124 | 19.247 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.31 | 63 | 105604 | 93.387 | ug/l | | 99 |
| 59) 2-Hexanone | 9.49 | 43 | 166413 | 104.344 | ug/l | | 98 |
| 60) Dibromochloromethane | 9.58 | 129 | 30006 | 18.160 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.67 | 107 | 32483 | 18.630 | ug/l | | 100 |
| 64) Tetrachloroethene | 9.34 | 164 | 31836 | 17.740 | ug/l | | 97 |
| 65) Chlorobenzene | 10.13 | 112 | 81535 | 17.995 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.22 | 131 | 30169 | 19.449 | ug/l | | 98 |
| 67) Ethyl Benzene | 10.25 | 91 | 136183 | 17.946 | ug/l | | 98 |
| 68) m/p-Xylenes | 10.36 | 106 | 104066 | 35.455 | ug/l | | 96 |
| 69) o-Xylene | 10.69 | 106 | 50010 | 17.341 | ug/l | | 94 |
| 70) Styrene | 10.71 | 104 | 87502 | 18.337 | ug/l | | 99 |
| 71) Bromoform | 10.85 | 173 | 21632 | 17.548 | ug/l | # | 97 |
| 73) Isopropylbenzene | 11.02 | 105 | 140050 | 18.618 | ug/l | | 99 |
| 74) N-amyl acetate | 10.90 | 43 | 53584 | 19.714 | ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 11.27 | 83 | 49131 | 19.599 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.29 | 75 | 49544 | 24.735 | ug/l | | 86 |
| 77) Bromobenzene | 11.26 | 156 | 38730 | 18.568 | ug/l | | 97 |
| 78) n-propylbenzene | 11.36 | 91 | 151754 | 18.141 | ug/l | | 98 |
| 79) 2-Chlorotoluene | 11.42 | 91 | 93276 | 18.708 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105 | 114420 | 18.171 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75 | 10969 | 17.827 | ug/l | | 86 |
| 82) 4-Chlorotoluene | 11.51 | 91 | 107503 | 18.501 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.77 | 119 | 114159 | 18.485 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.80 | 105 | 115137 | 18.365 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.94 | 105 | 133846 | 18.038 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.06 | 119 | 121989 | 17.871 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 12.02 | 146 | 66589 | 18.068 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 12.10 | 146 | 67323 | 17.715 | ug/l | | 97 |
| 89) n-Butylbenzene | 12.38 | 91 | 98636 | 16.772 | ug/l | | 99 |
| 90) Hexachloroethane | 12.59 | 117 | 17709 | 17.547 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.39 | 146 | 68376 | 18.464 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75 | 10196 | 20.994 | ug/l | | 89 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
Data File : VX011502.D
Acq On : 12 Aug 2019 23:16
Operator : JC/SP
Sample : VX0812WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Quant Time: Aug 13 07:45:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180 | 42447 | 17.284 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.78 | 225 | 21323 | 17.113 | ug/l | 98 |
| 95) Naphthalene | 13.83 | 128 | 135409 | 18.854 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180 | 43659 | 17.487 | ug/l | 97 |

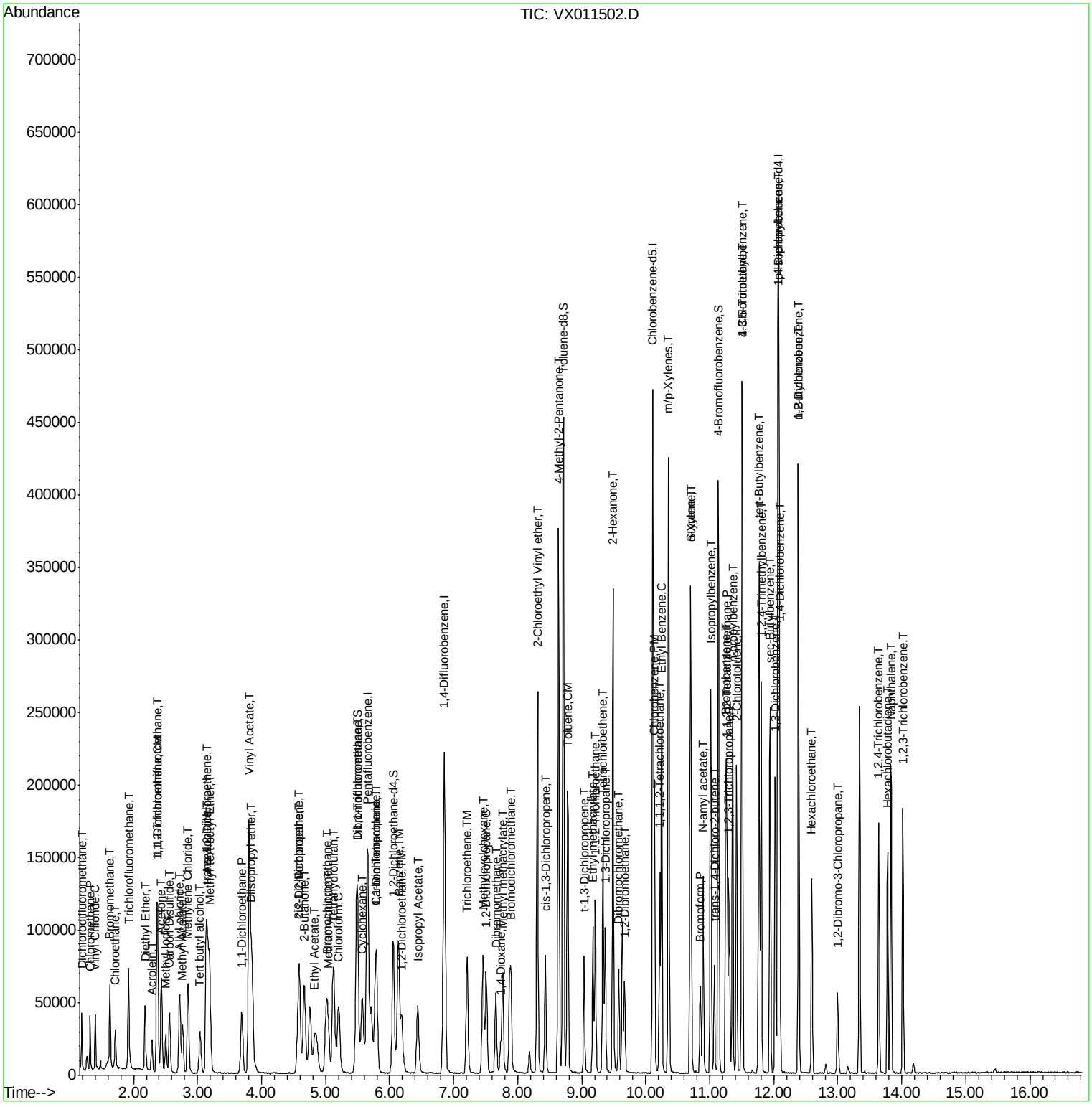
(#) = qualifier out of range (m) = manual integration (+) = signals summed

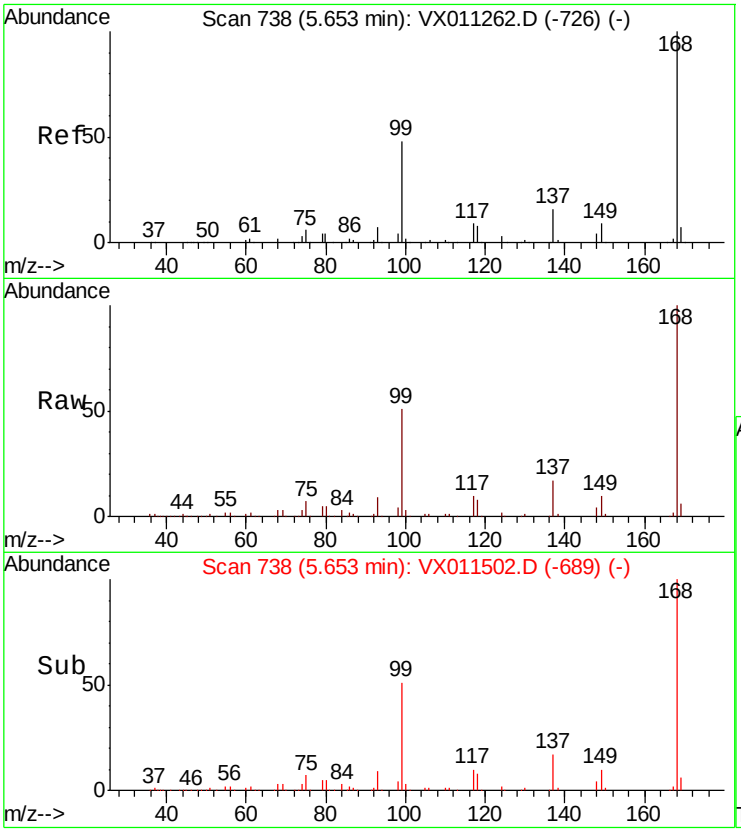
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
Data File : VX011502.D
Acq On : 12 Aug 2019 23:16
Operator : JC/SP
Sample : VX0812WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Quant Time: Aug 13 07:45:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



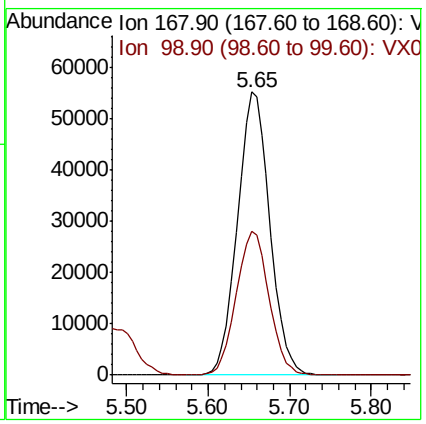


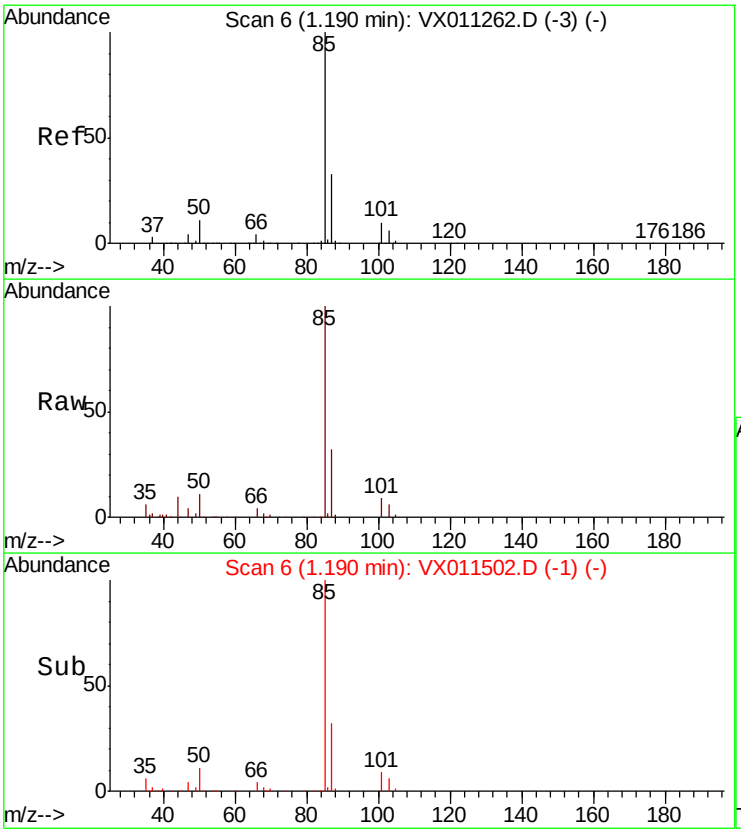

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:168 Resp: 152101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 50.7 | 38.5 | 57.7 |

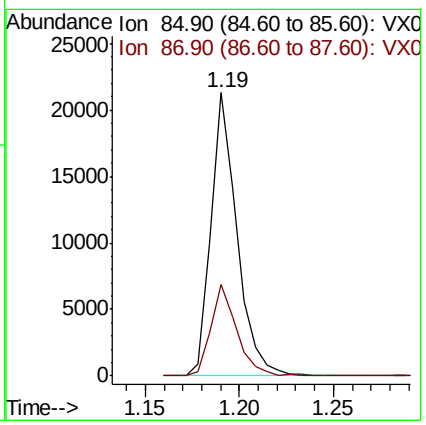


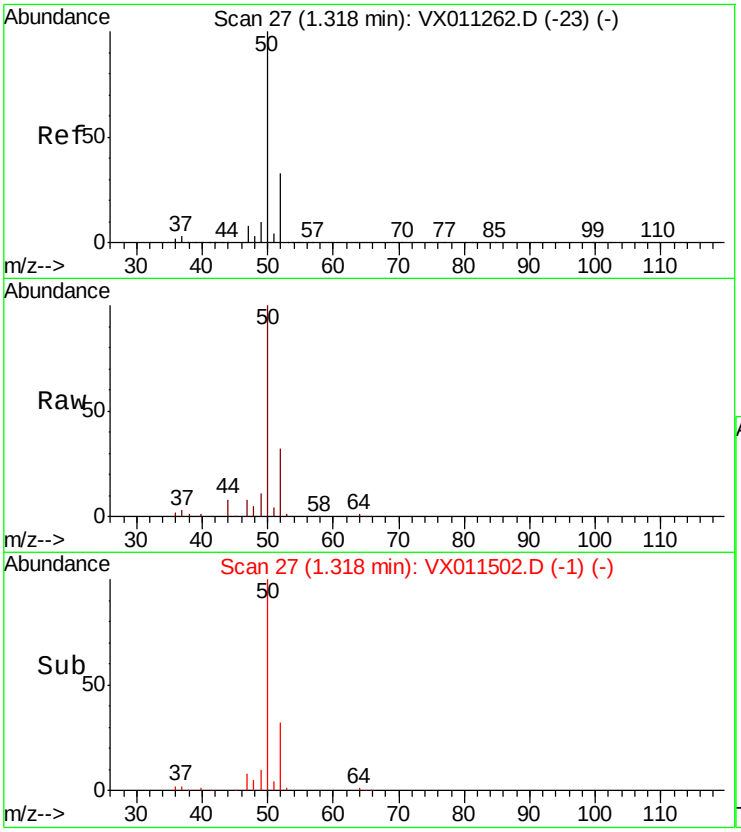




#2
Dichlorodifluoromethane
Concen: 17.356 ug/l
RT: 1.19 min Scan# 6
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 85 Resp: 20389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.5 | 16.4 | 49.1 |



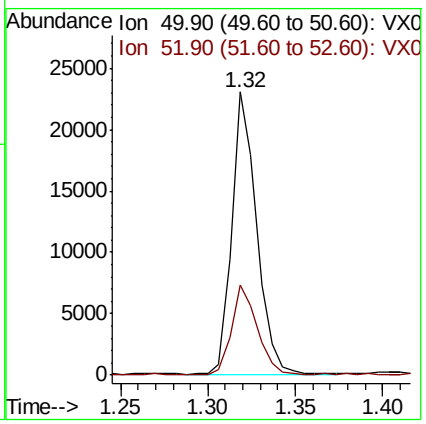


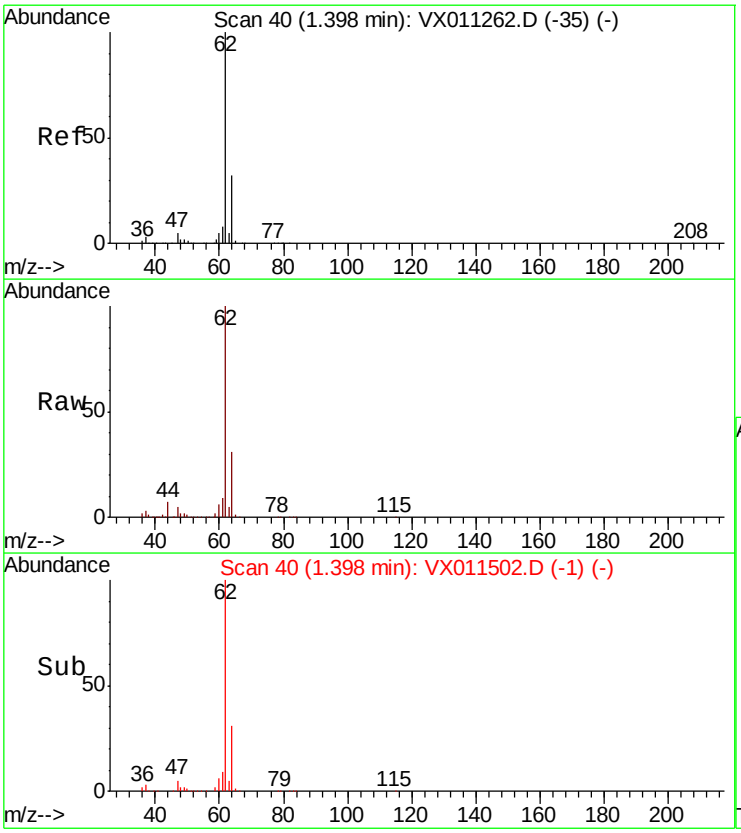

#3
Chloromethane
Concen: 17.160 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 50 Resp: 22637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.9 | 26.4 | 39.6 |

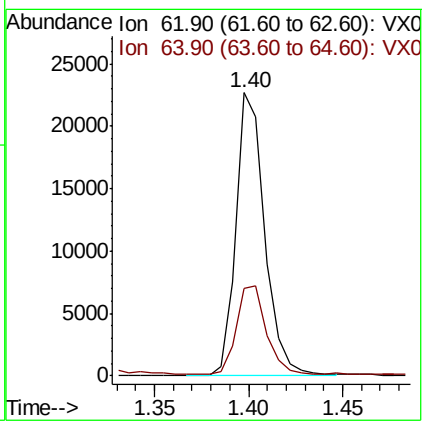


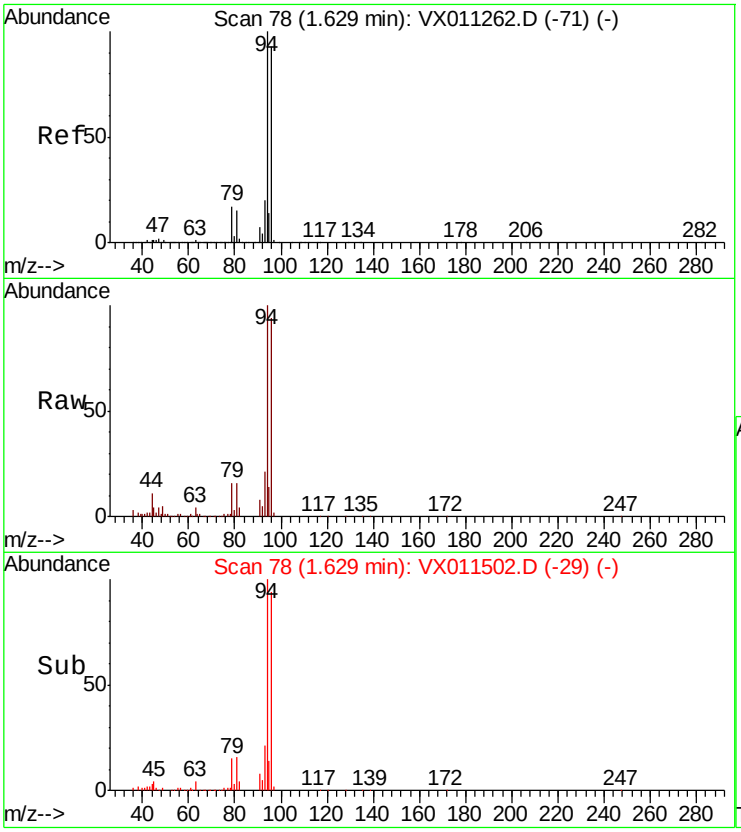




#4
Vinyl Chloride
Concen: 16.608 ug/l
RT: 1.40 min Scan# 40
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 62 Resp: 24099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.4 | 26.0 | 39.0 |



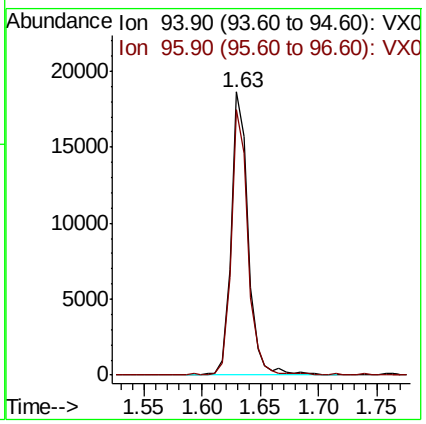


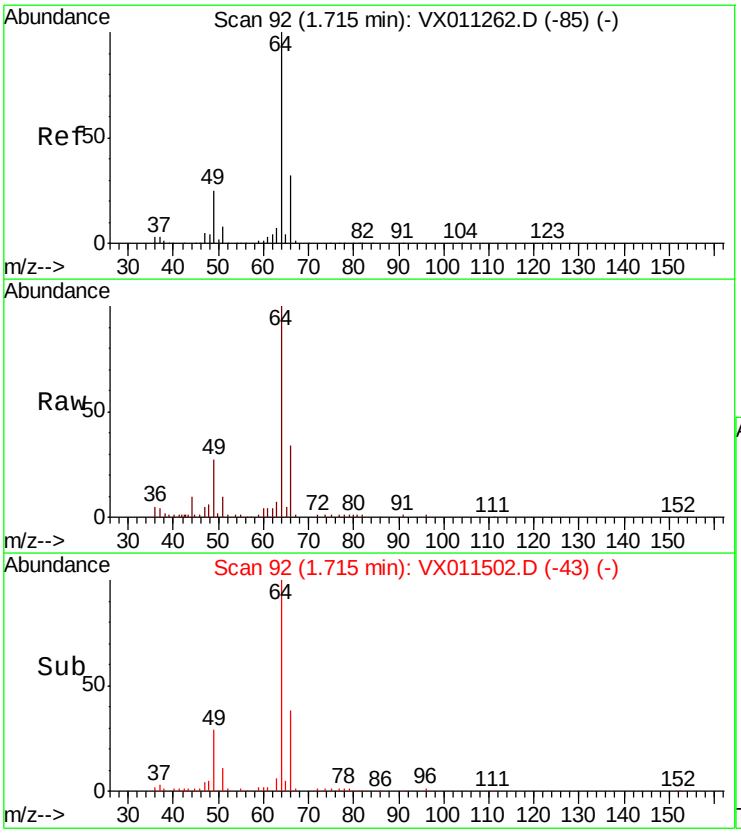

#5
Bromomethane
Concen: 18.461 ug/l
RT: 1.63 min Scan# 78
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 94 Resp: 19106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.6 | 74.6 | 112.0 |

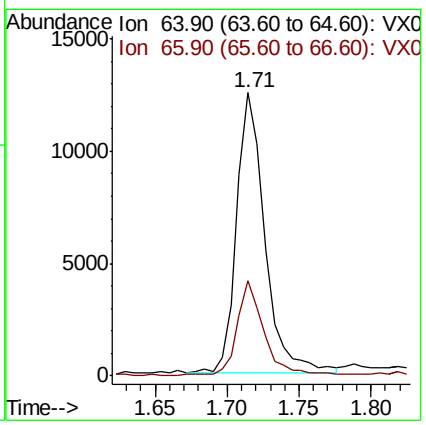


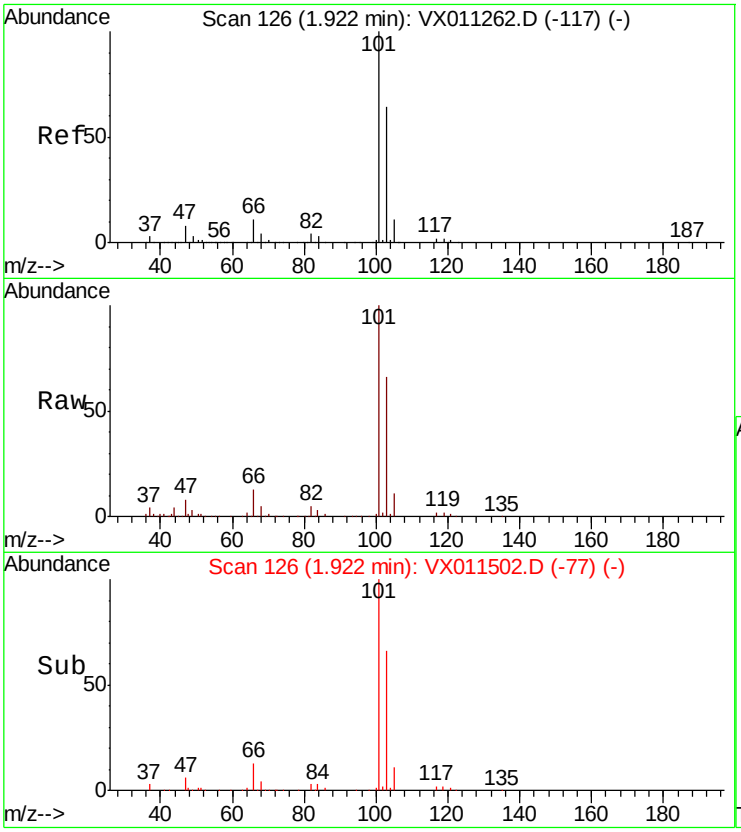




#6
Chloroethane
Concen: 17.097 ug/l
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 64 Resp: 16908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.8 | 25.1 | 37.7 |



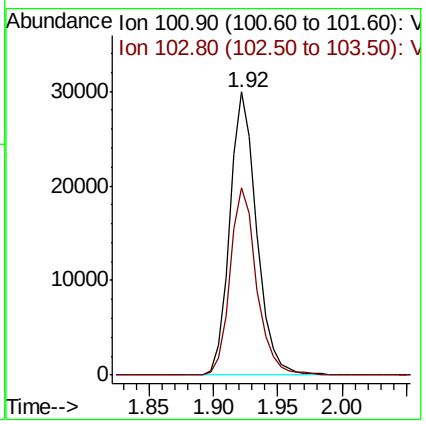


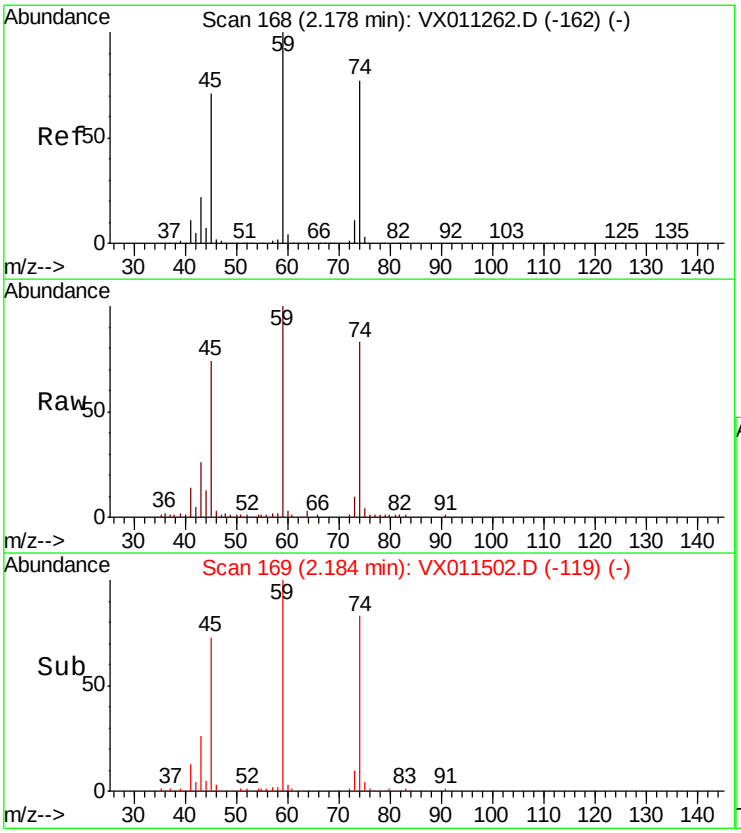

#7
Trichlorofluoromethane
Concen: 16.889 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:101 Resp: 43577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.3 | 50.9 | 76.3 |

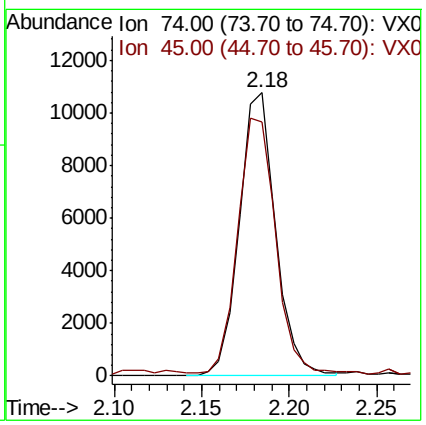


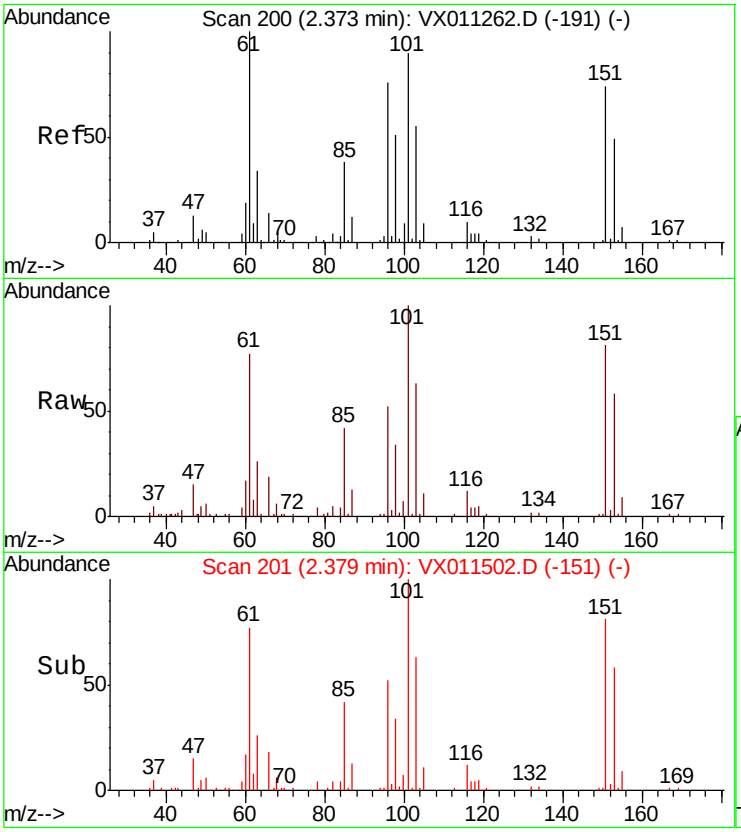




#8
Diethyl Ether
Concen: 16.898 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 74 Resp: 15568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 94.1 | 46.1 | 138.3 |



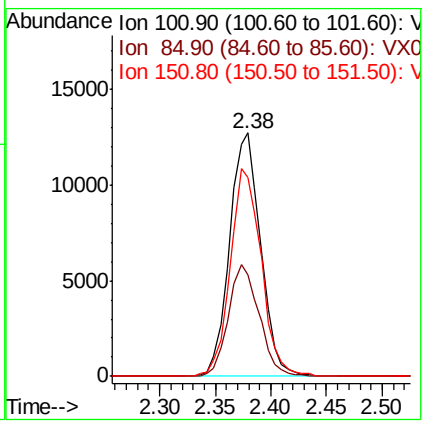


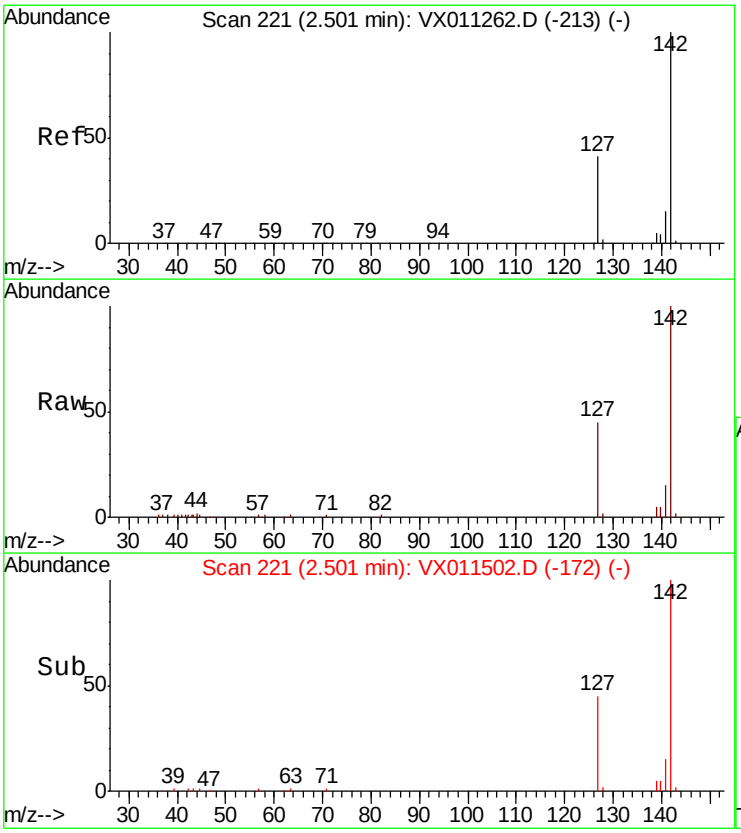

#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.577 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:101 Resp: 24539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.5 | 33.8 | 50.6 |
| 151 | 84.9 | 69.5 | 104.3 |

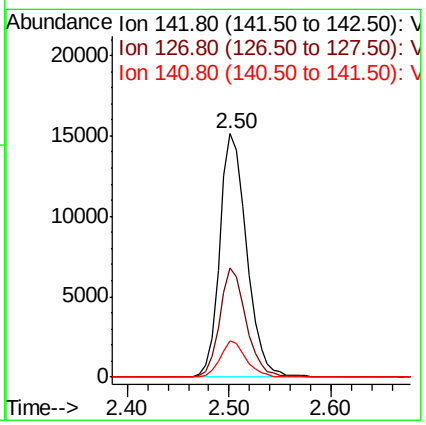


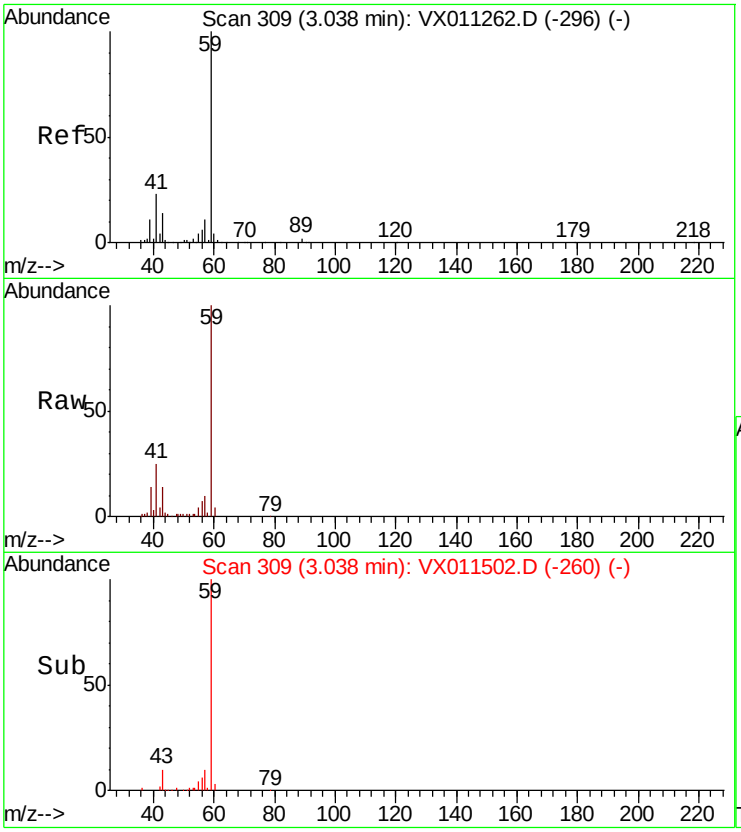




#10
Methyl Iodide
Concen: 15.736 ug/l
RT: 2.50 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:142 Resp: 27697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 44.0 | 33.8 | 50.8 |
| 141 | 14.1 | 11.4 | 17.2 |



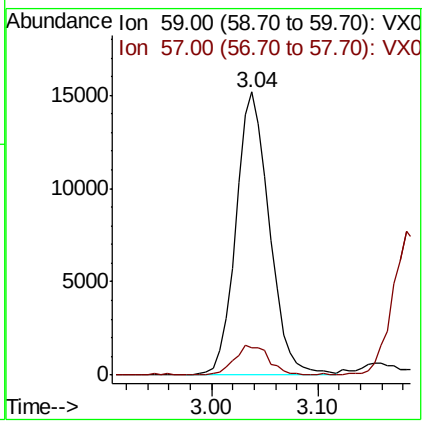


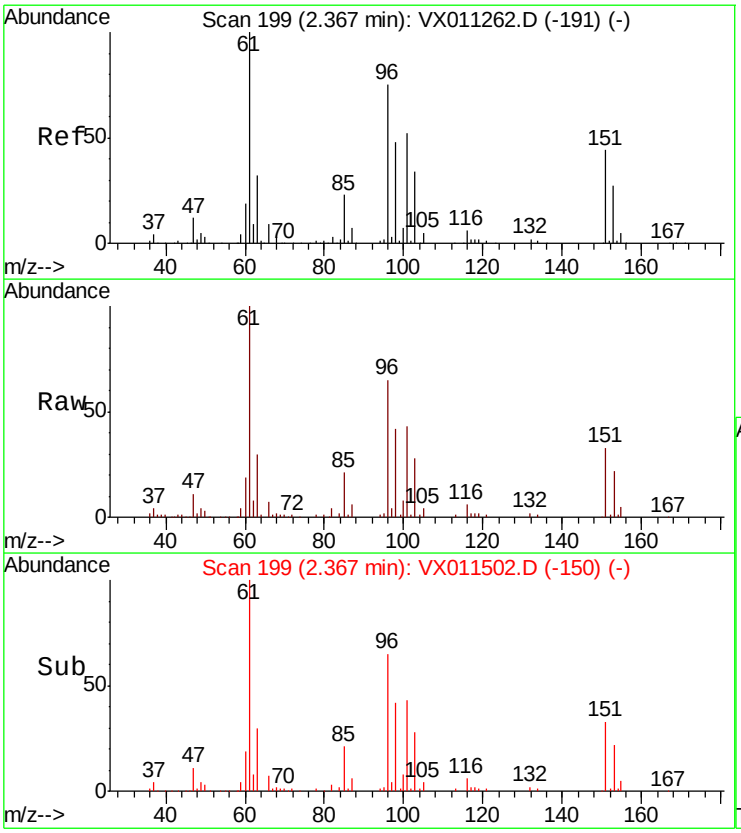

#11
Tert butyl alcohol
Concen: 109.759 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 59 Resp: 33521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.9 | 8.3 | 12.5 |

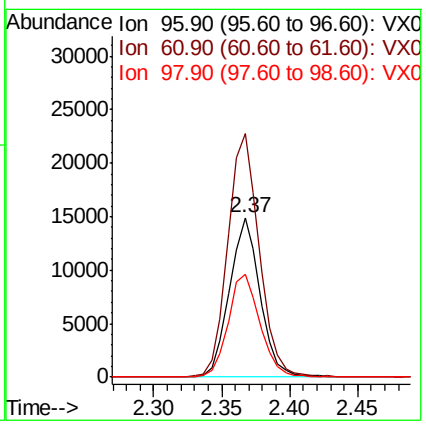


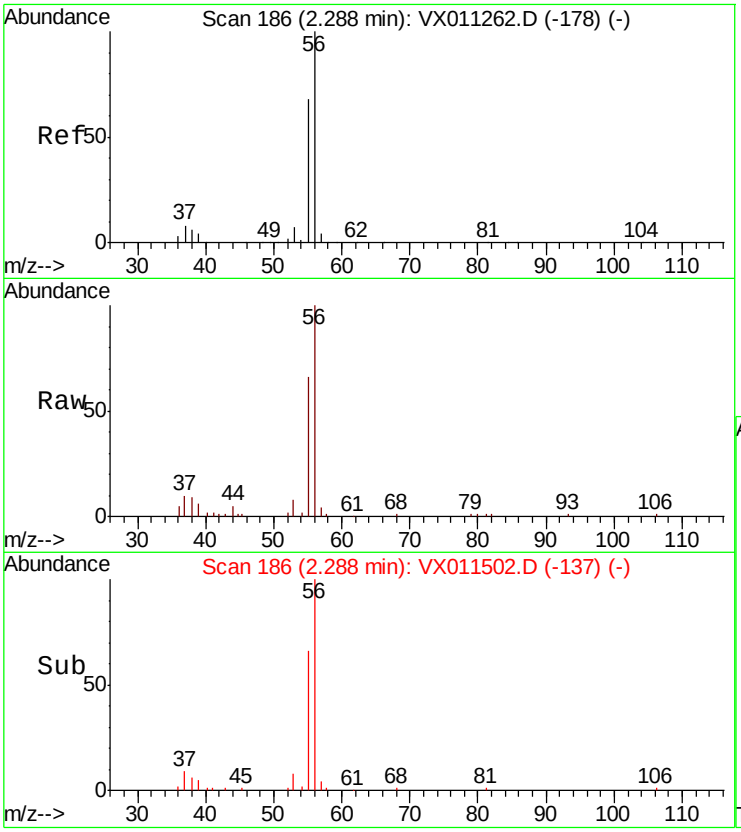




#12
1,1-Dichloroethene
Concen: 16.796 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 96 Resp: 23244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 152.3 | 106.2 | 159.2 |
| 98 | 64.3 | 50.6 | 75.8 |



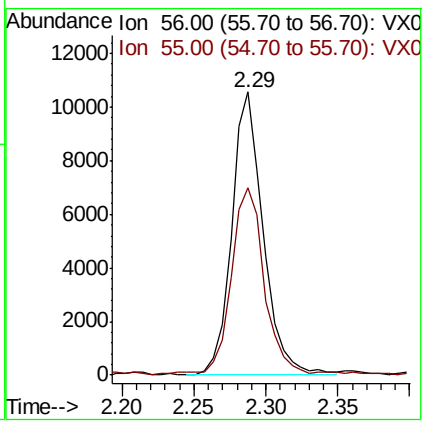


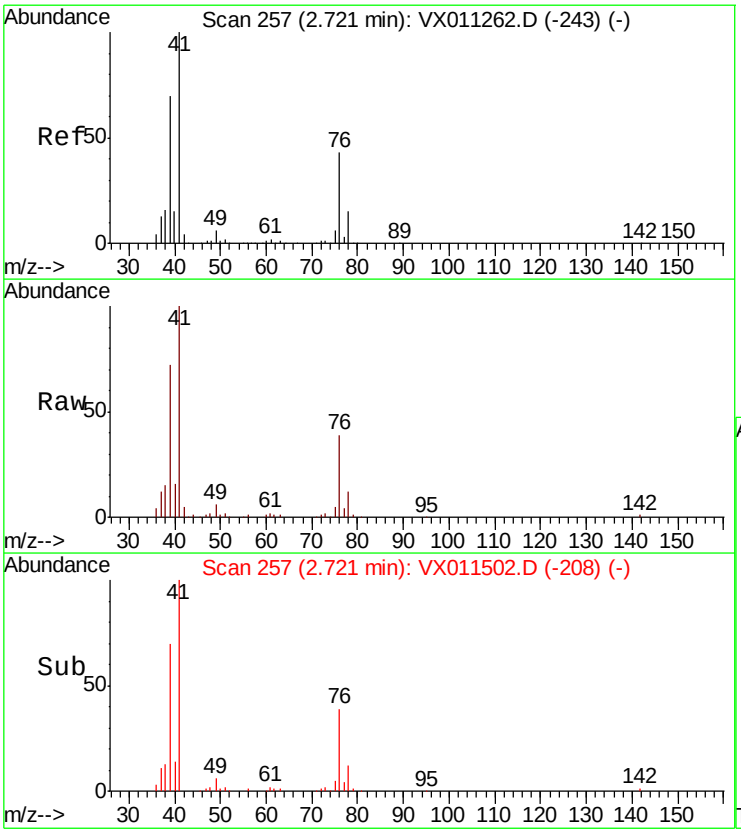

#13
Acrolein
Concen: 84.412 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 56 Resp: 16076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.9 | 56.0 | 84.0 |

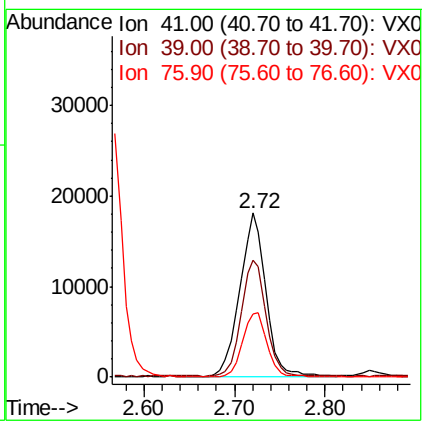


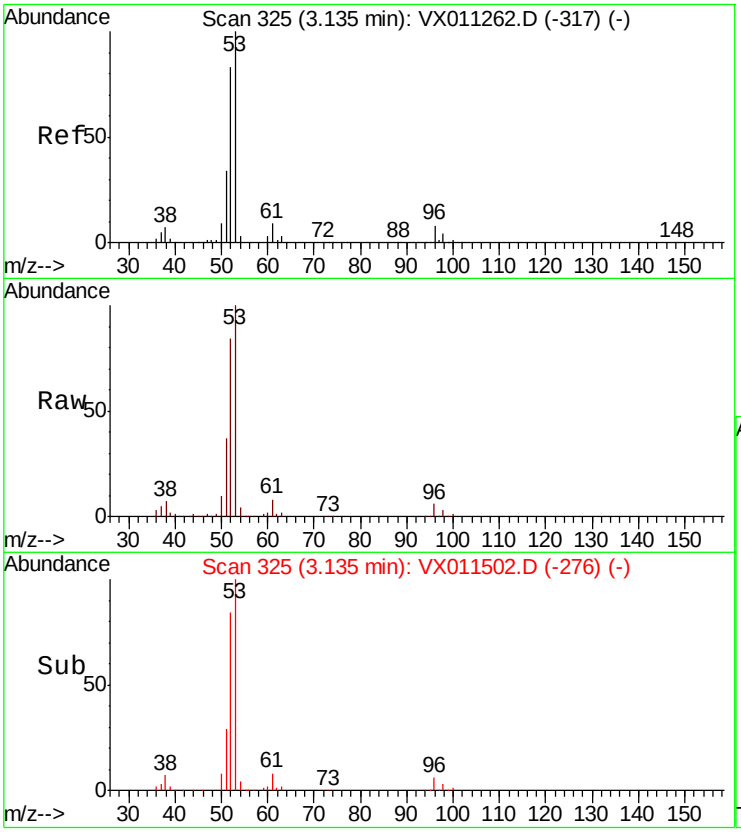




#14
Allyl chloride
Concen: 19.674 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 41 Resp: 36297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 66.4 | 52.8 | 79.2 |
| 76 | 36.3 | 31.1 | 46.7 |



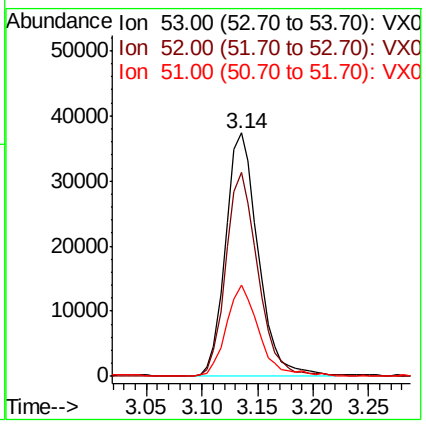


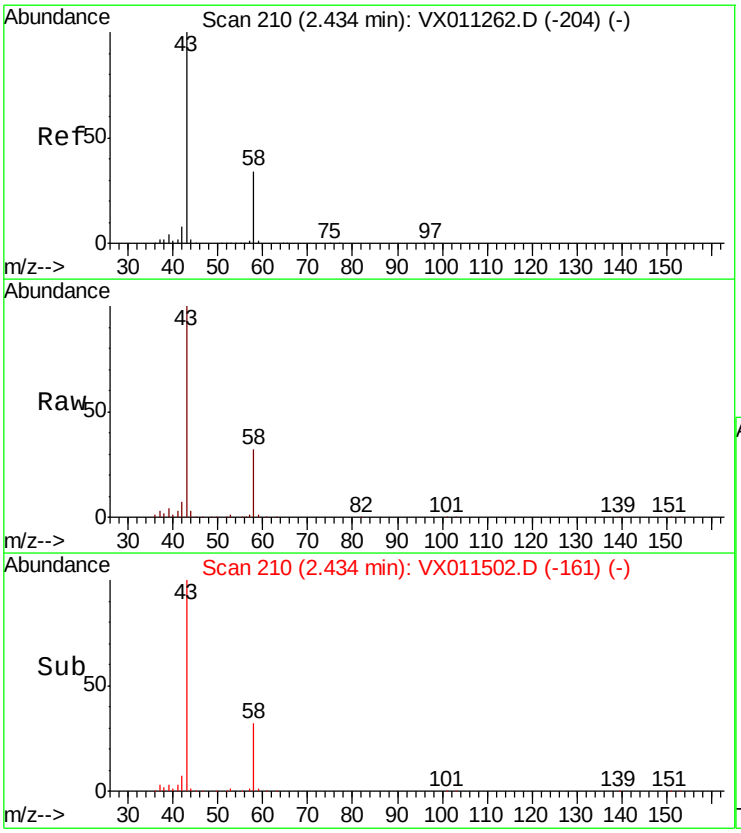

#15
Acrylonitrile
Concen: 104.070 ug/l
RT: 3.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 53 Resp: 75855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.8 | 65.5 | 98.3 |
| 51 | 37.9 | 27.9 | 41.9 |

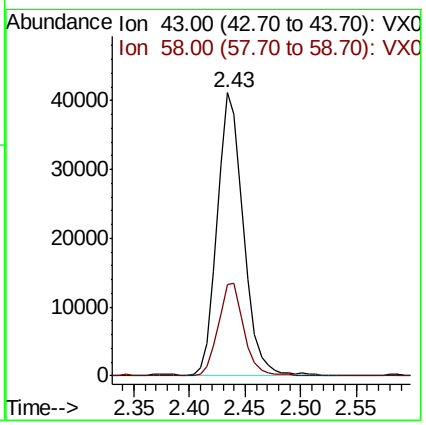


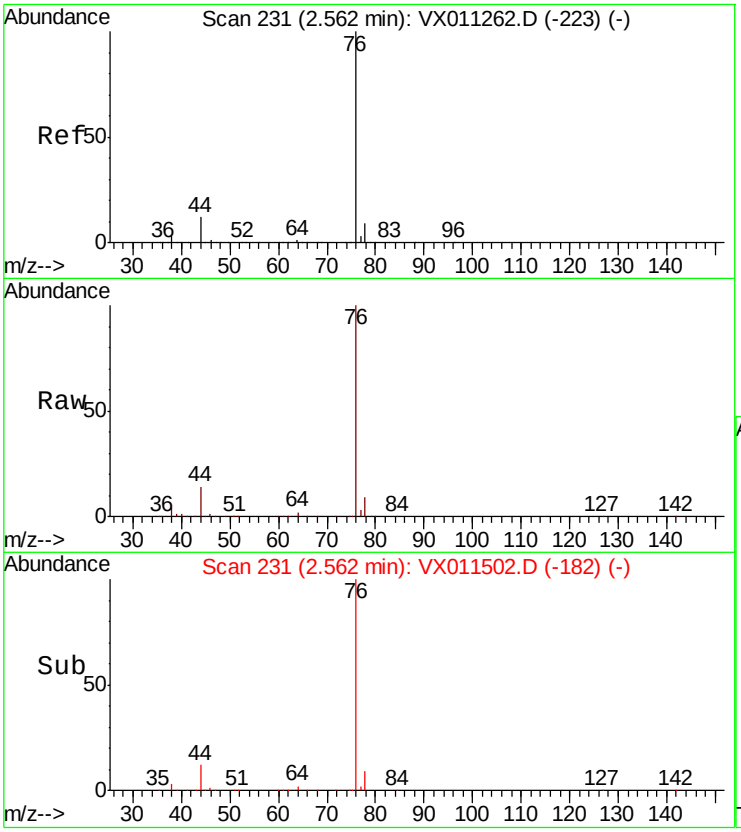




#16
Acetone
Concen: 92.167 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 43 Resp: 67197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.3 | 27.4 | 41.0 |



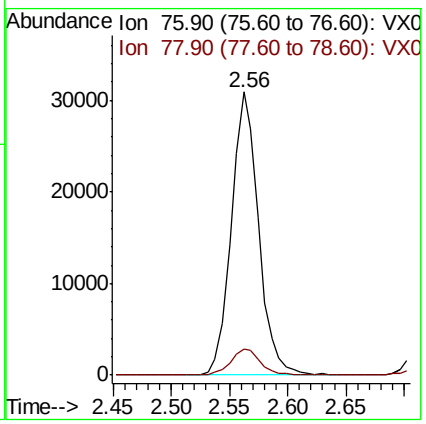


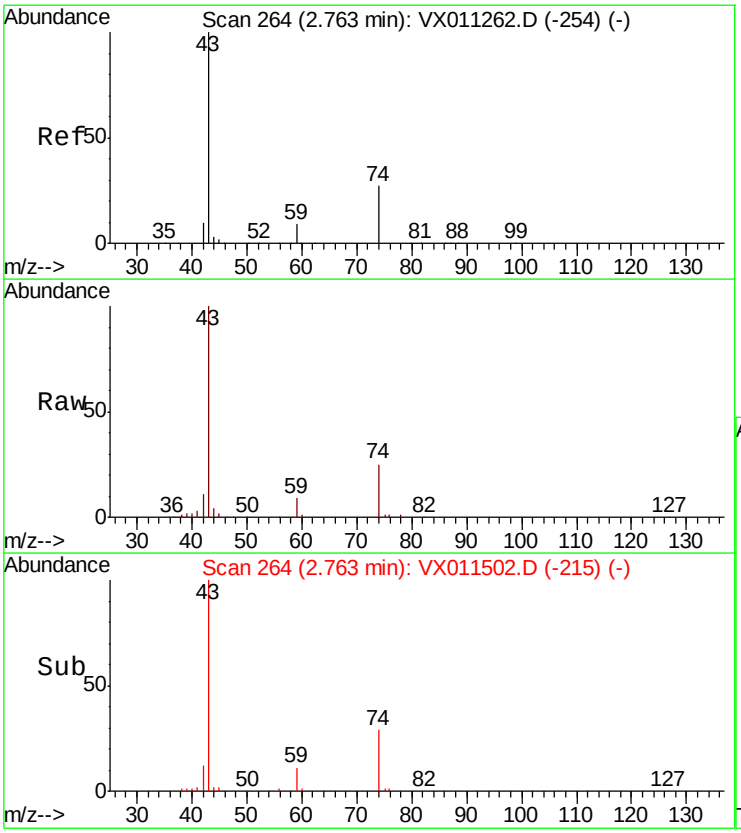

#17
Carbon Disulfide
Concen: 15.468 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 76 Resp: 50231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.4 | 11.0 |

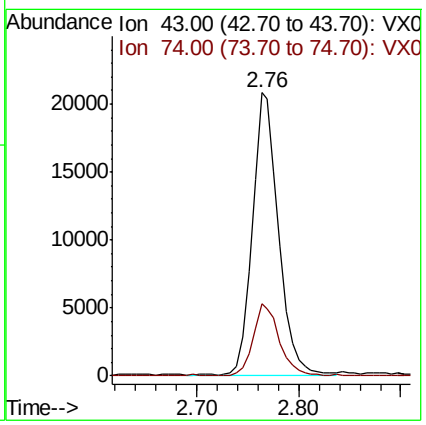


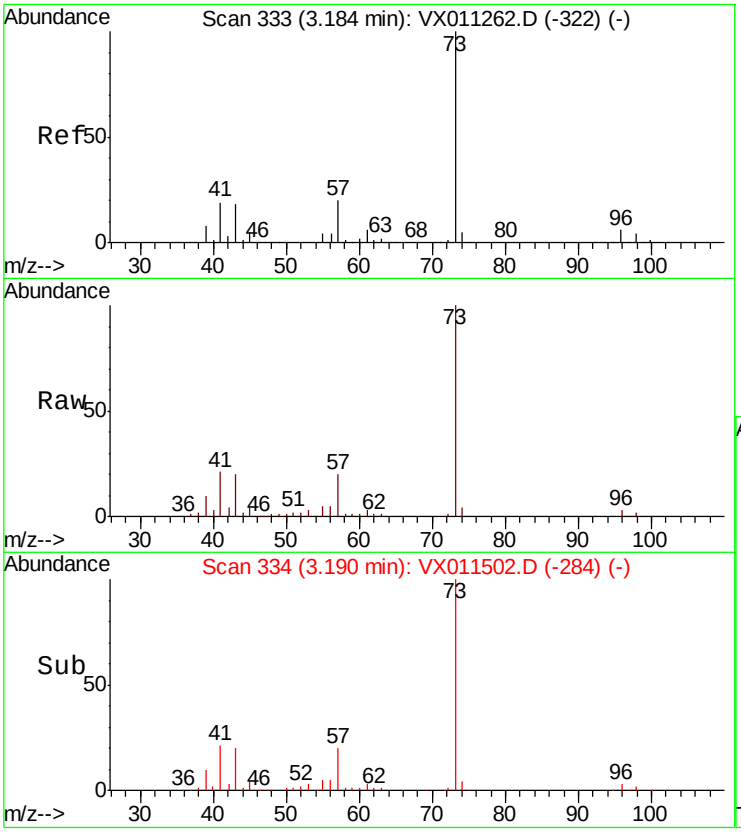




#18
Methyl Acetate
Concen: 22.536 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 43 Resp: 37548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 25.6 | 21.0 | 31.6 |



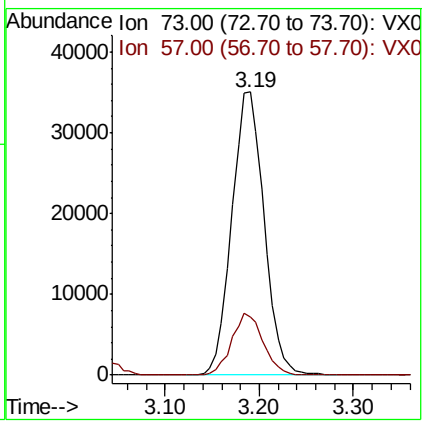


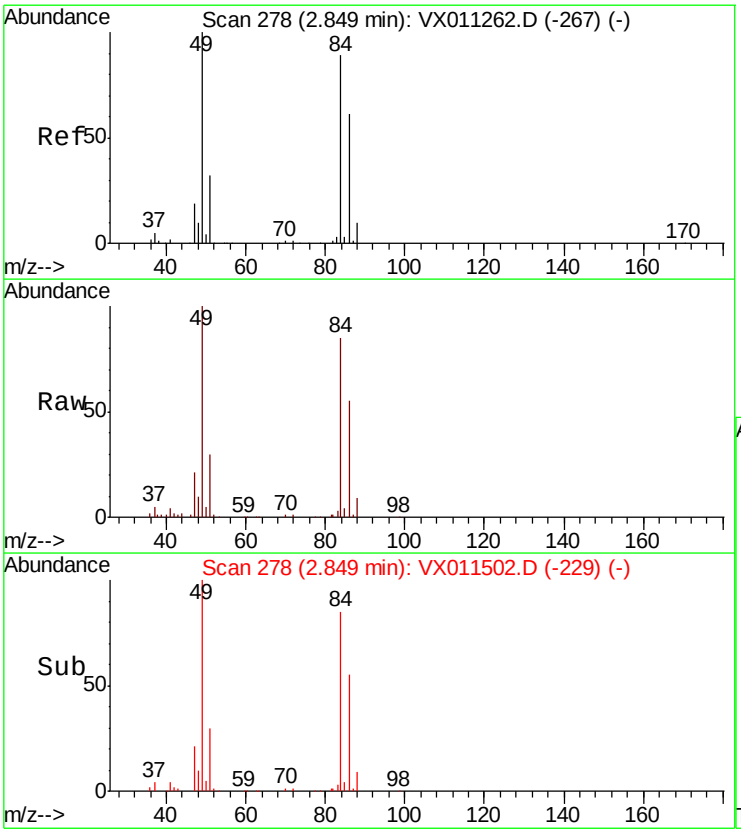

#19
Methyl tert-butyl Ether
Concen: 20.571 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 73 Resp: 83893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.4 | 16.2 | 24.2 |

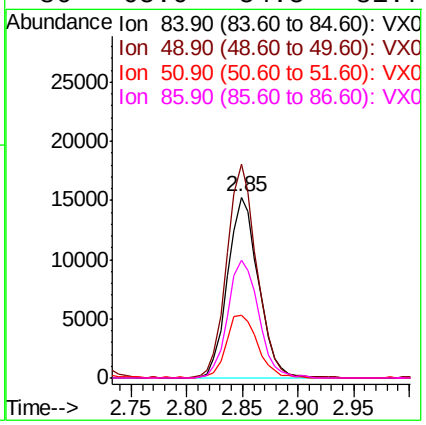


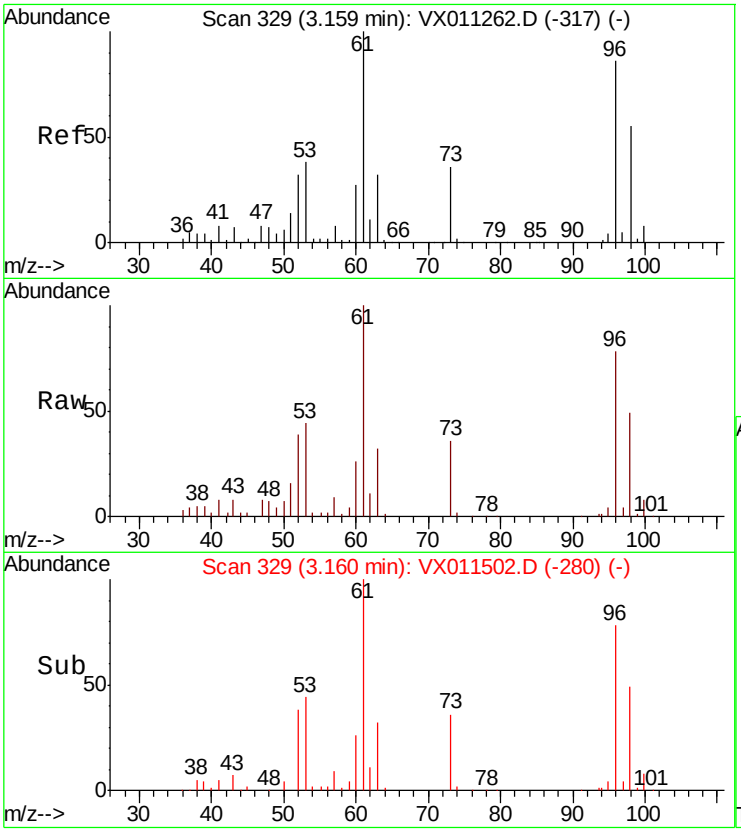




#20
Methylene Chloride
Concen: 18.375 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 84 Resp: 29340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 118.0 | 89.3 | 133.9 |
| 51 | 34.9 | 28.3 | 42.5 |
| 86 | 65.0 | 54.5 | 81.7 |



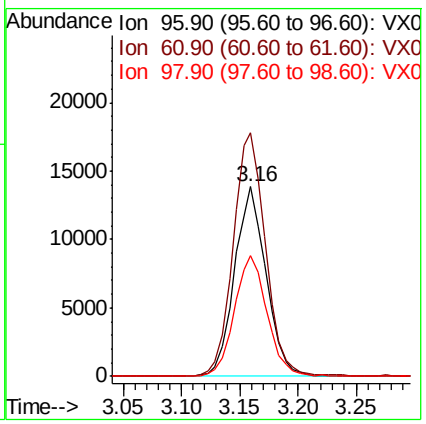


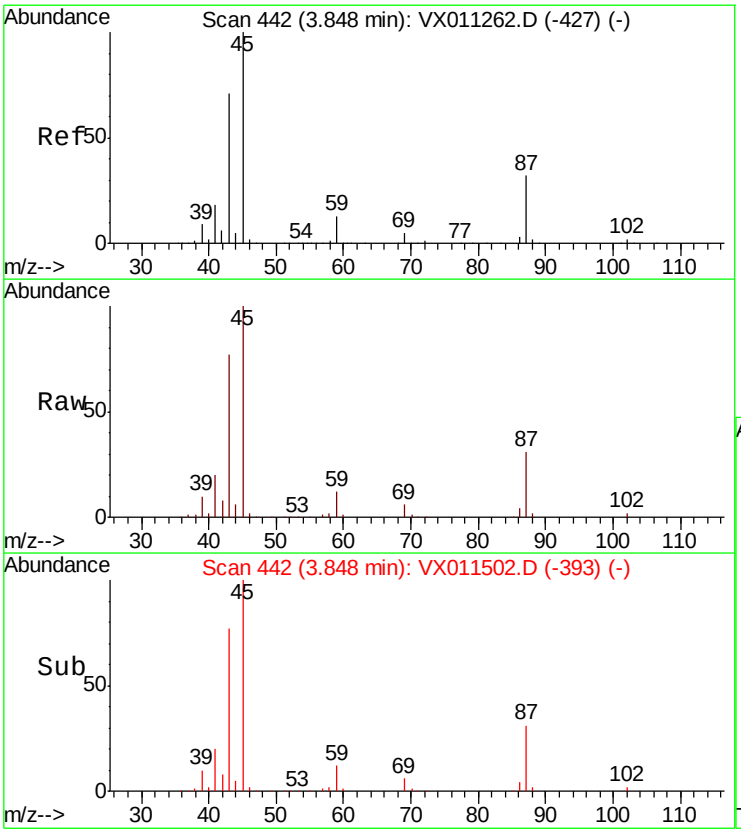

#21
trans-1,2-Dichloroethene
Concen: 17.820 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 96 Resp: 26087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 128.3 | 92.8 | 139.2 |
| 98 | 63.4 | 51.2 | 76.8 |

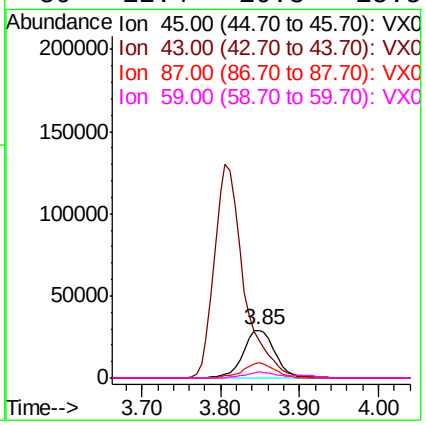


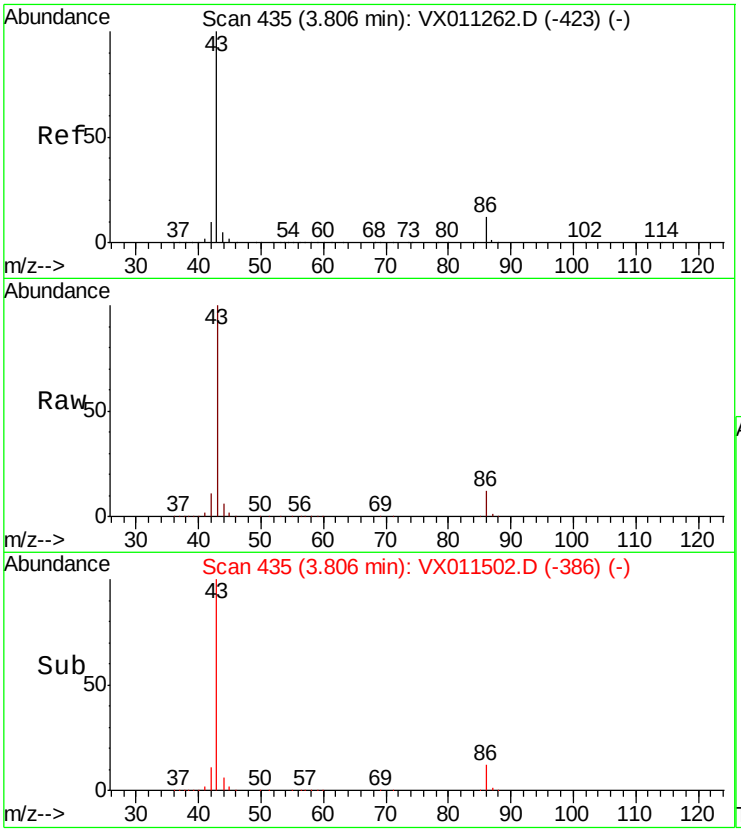




#22
Diisopropyl ether
Concen: 20.118 ug/l
RT: 3.85 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 45 Resp: 81573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 76.2 | 56.8 | 85.2 |
| 87 | 31.1 | 25.8 | 38.6 |
| 59 | 12.4 | 10.3 | 15.5 |



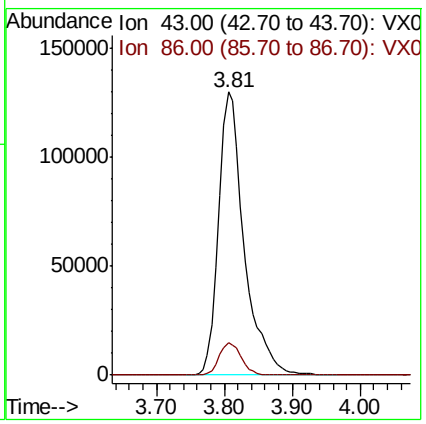


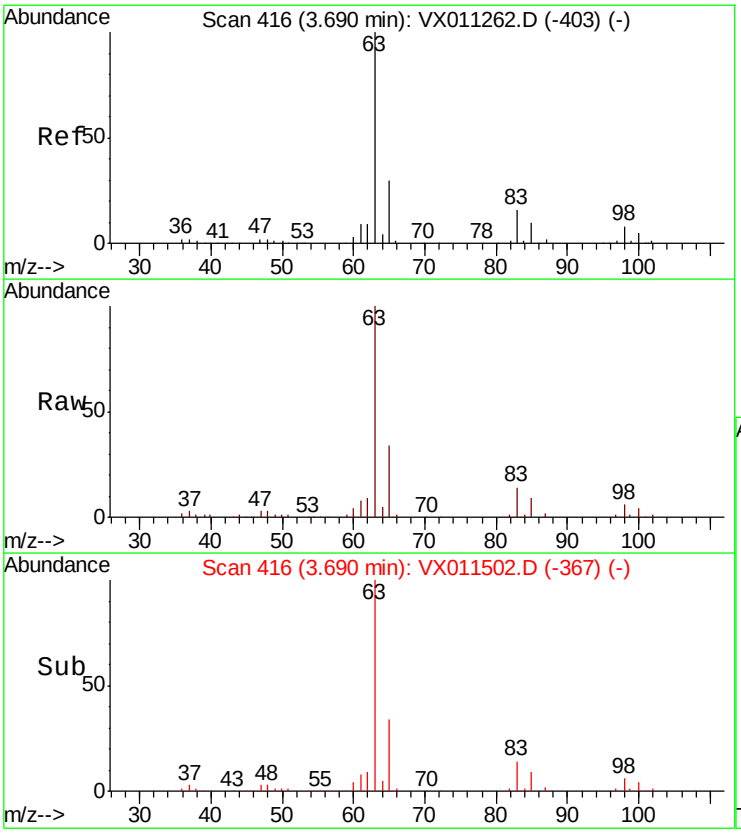

#23
Vinyl Acetate
Concen: 101.261 ug/l
RT: 3.81 min Scan# 435
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Tgt Ion: 43 Resp: 340544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.6 | 9.6 | 14.4 |

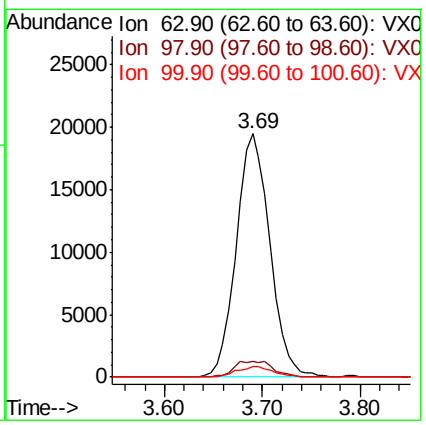


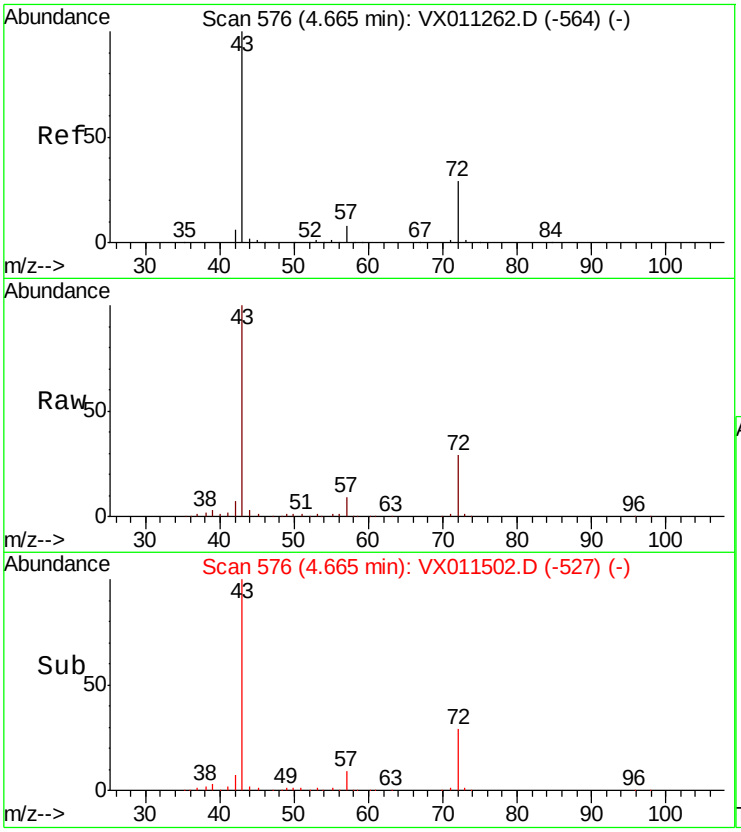




#24
1,1-Dichloroethane
Concen: 19.495 ug/l
RT: 3.69 min Scan# 416
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 63 Resp: 46612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.2 | 3.9 | 11.5 |
| 100 | 4.4 | 2.7 | 8.1 |



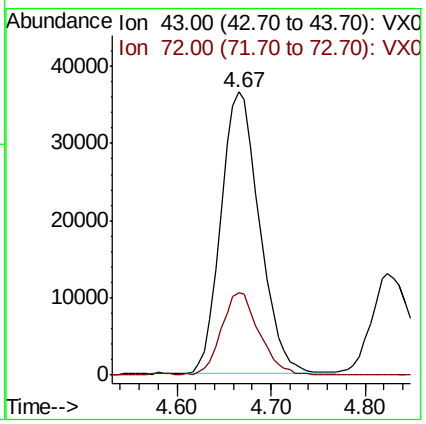


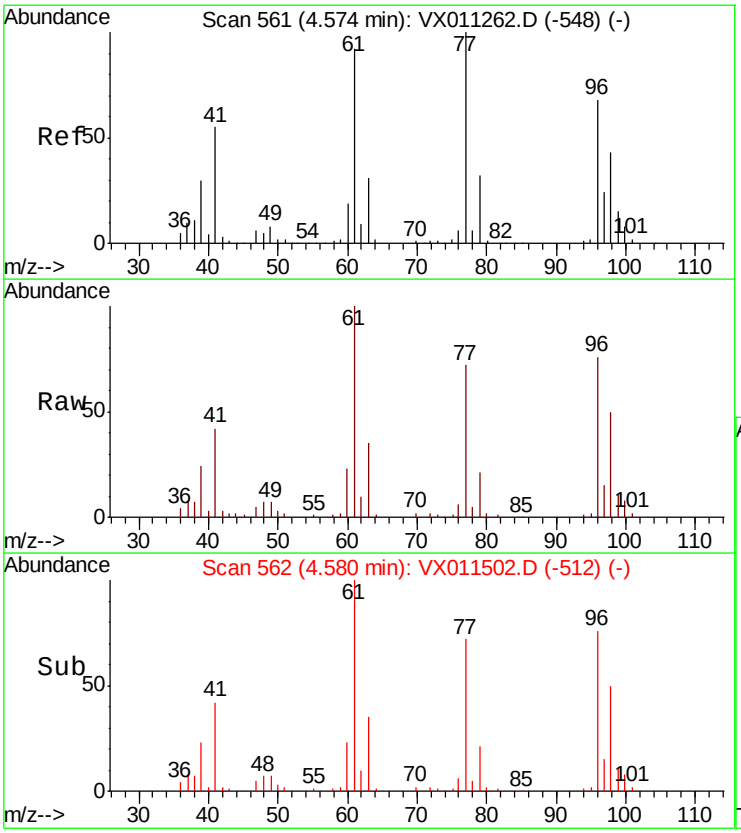

#25
2-Butanone
Concen: 100.541 ug/l
RT: 4.67 min Scan# 576
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 43 Resp: 104272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.8 | 23.2 | 34.8 |

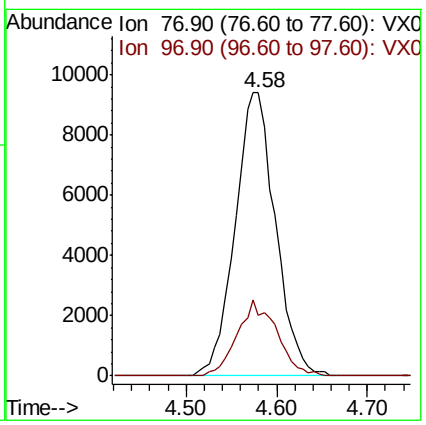


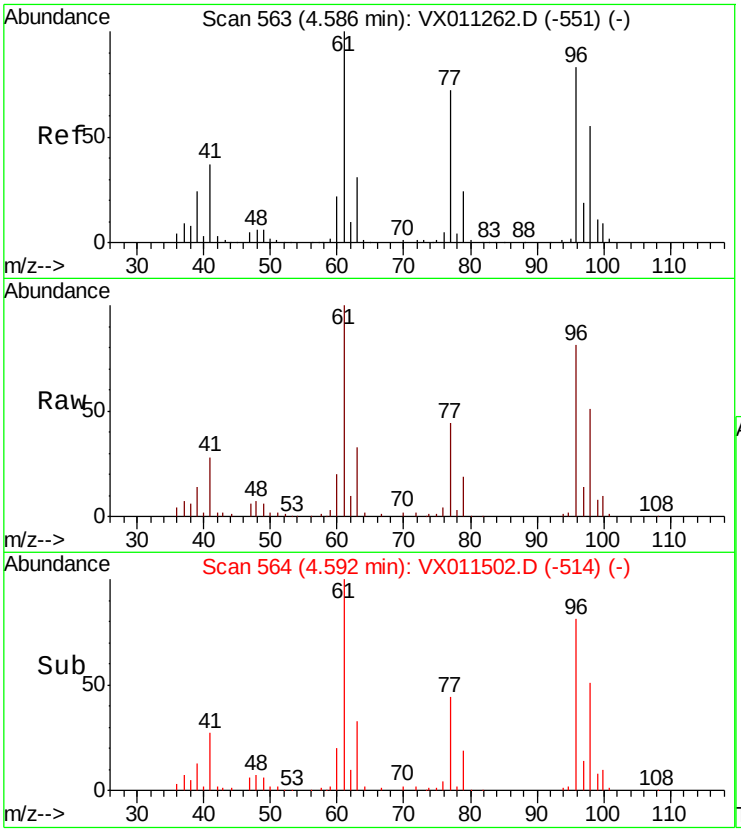




#26
2,2-Dichloropropane
Concen: 15.538 ug/l
RT: 4.58 min Scan# 562
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 77 Resp: 28879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 26.3 | 12.8 | 38.4 |



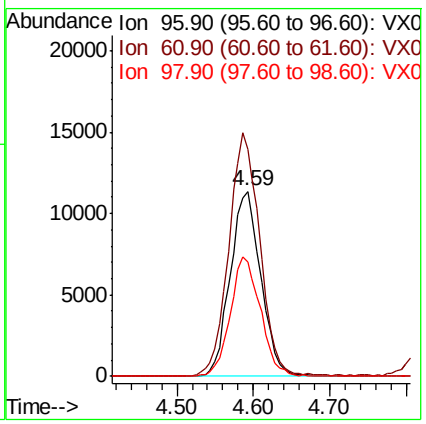


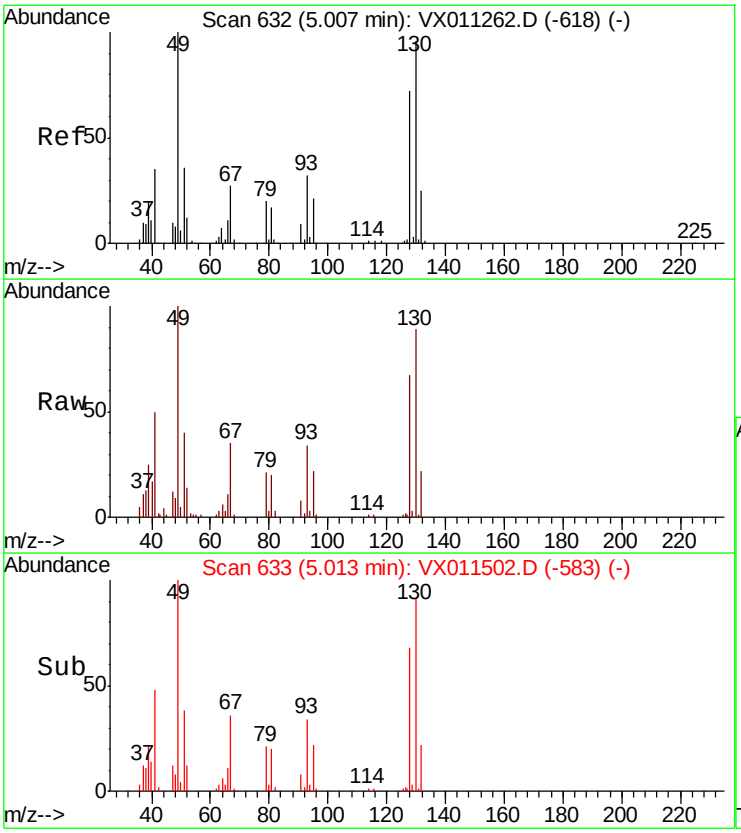

#27
cis-1,2-Dichloroethene
Concen: 18.649 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 96 Resp: 31445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 133.5 | 0.0 | 260.2 |
| 98 | 63.5 | 0.0 | 133.2 |

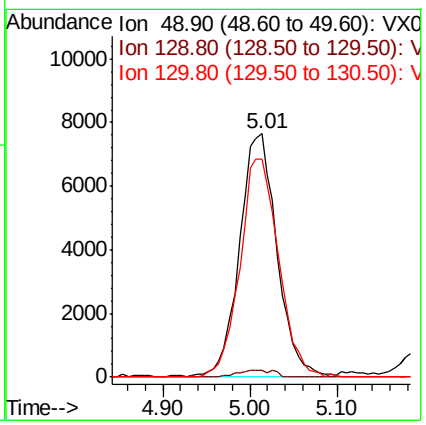


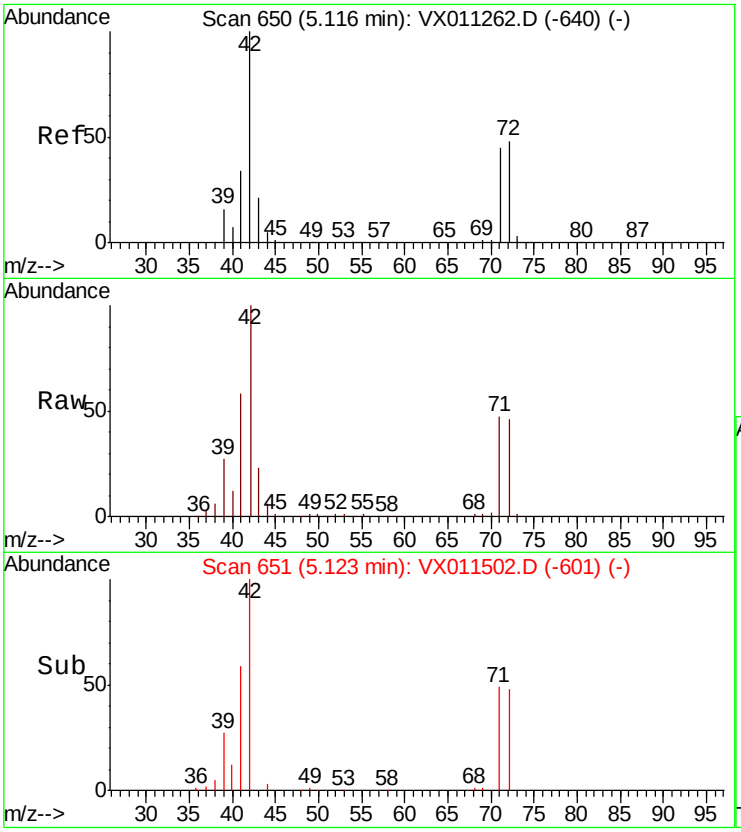




#28
Bromochloromethane
Concen: 20.917 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 49 Resp: 22799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.8 | 0.0 | 5.8 |
| 130 | 92.3 | 77.9 | 116.9 |



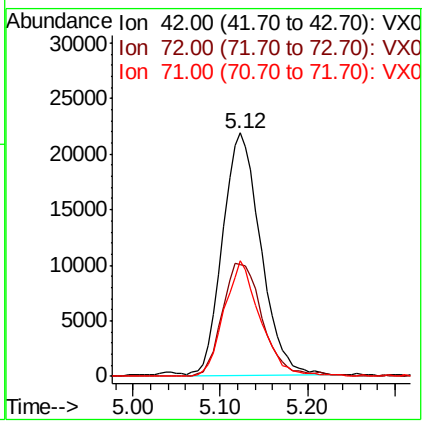


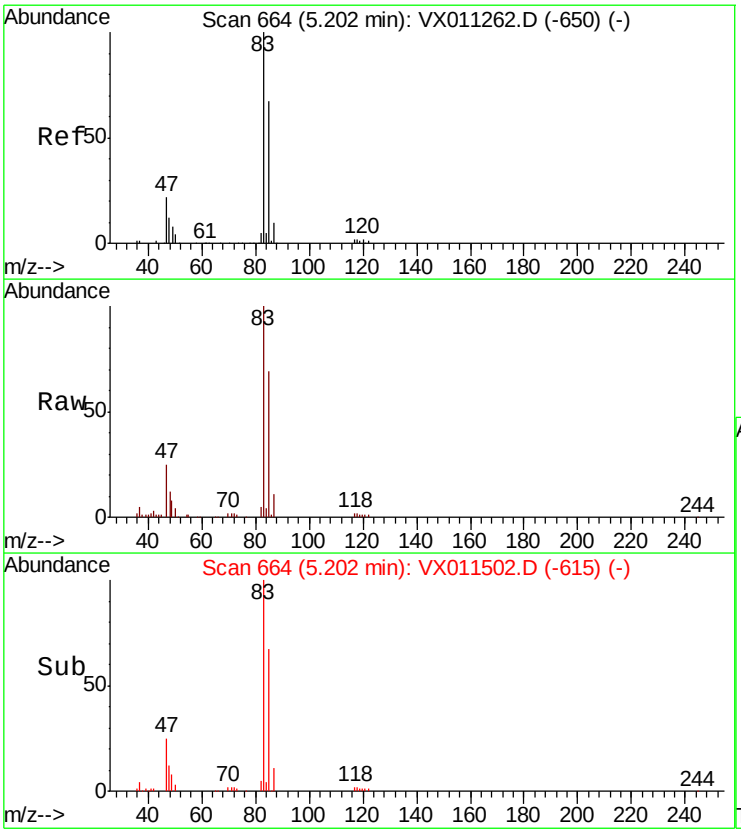

#29
Tetrahydrofuran
Concen: 104.157 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 42 Resp: 66234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 49.4 | 39.9 | 59.9 |
| 71 | 45.0 | 36.9 | 55.3 |

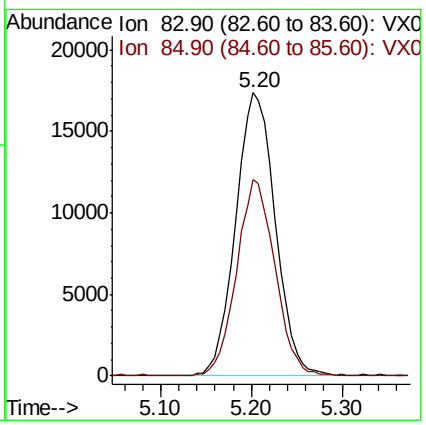


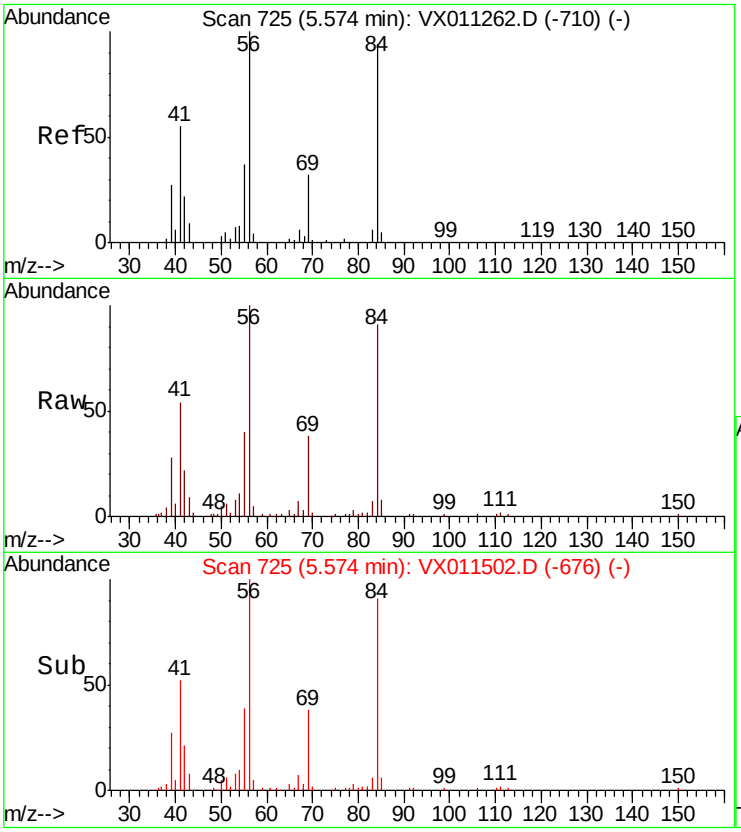




#30
Chloroform
Concen: 20.230 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 83 Resp: 52571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 69.3 | 53.4 | 80.0 |



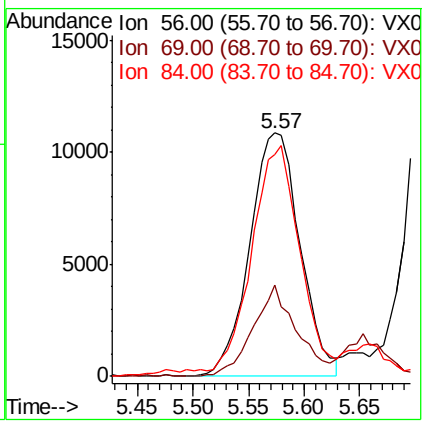


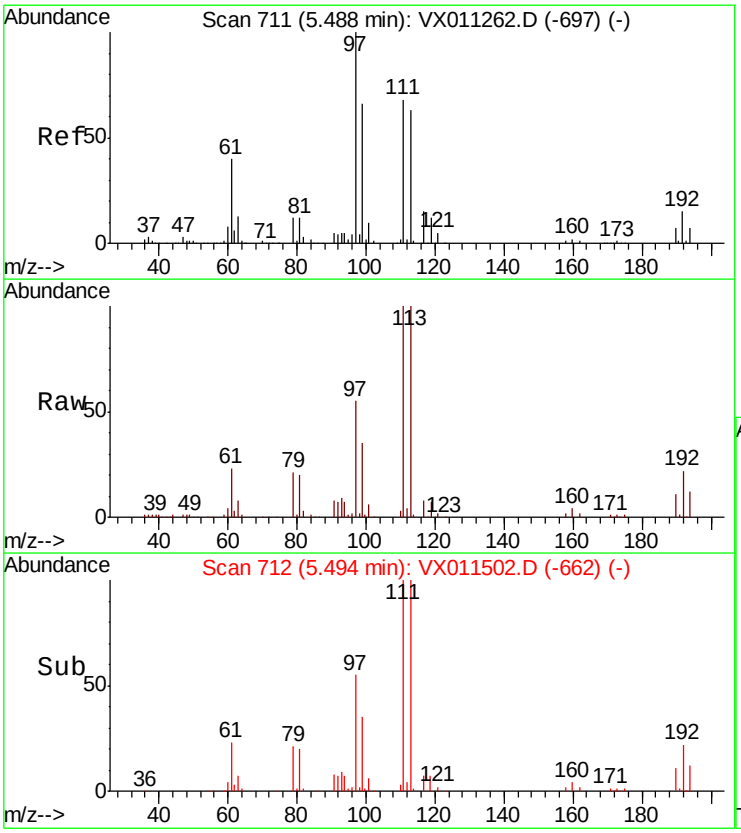

#31
Cyclohexane
Concen: 17.360 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 56 Resp: 34244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 37.6 | 25.5 | 38.3 |
| 84 | 88.1 | 75.0 | 112.4 |

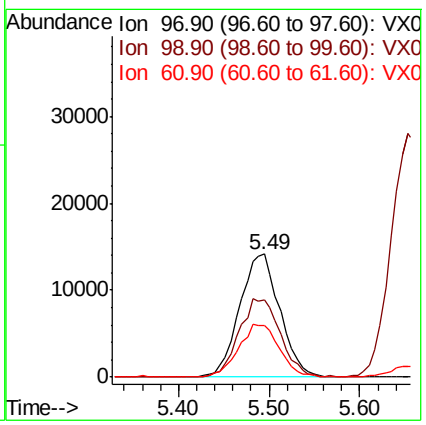


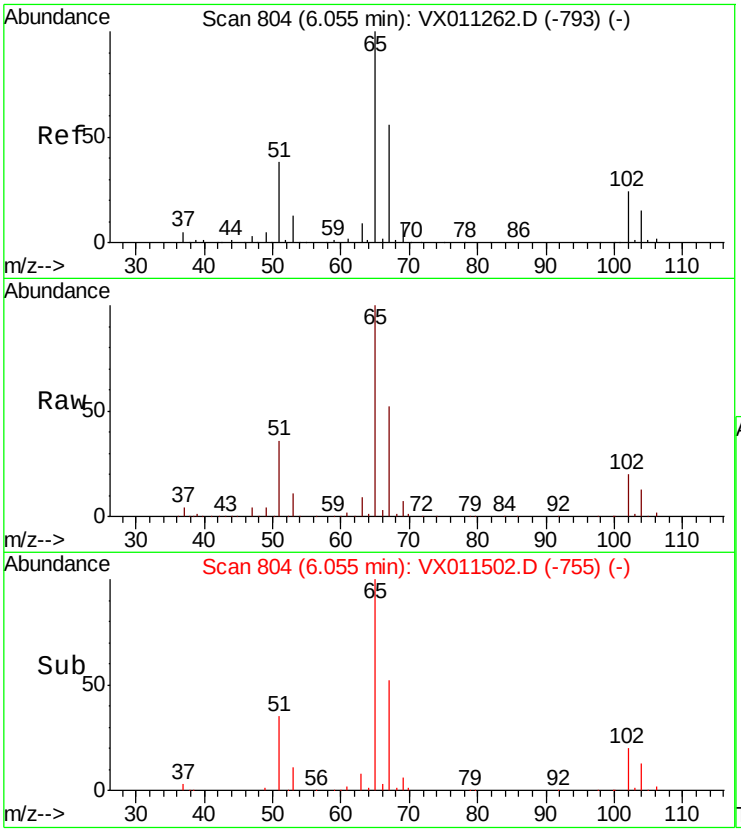




#32
1,1,1-Trichloroethane
Concen: 19.480 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 97 Resp: 43363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.7 | 51.6 | 77.4 |
| 61 | 43.5 | 32.3 | 48.5 |



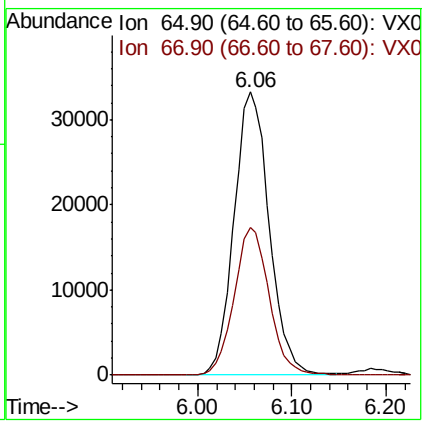


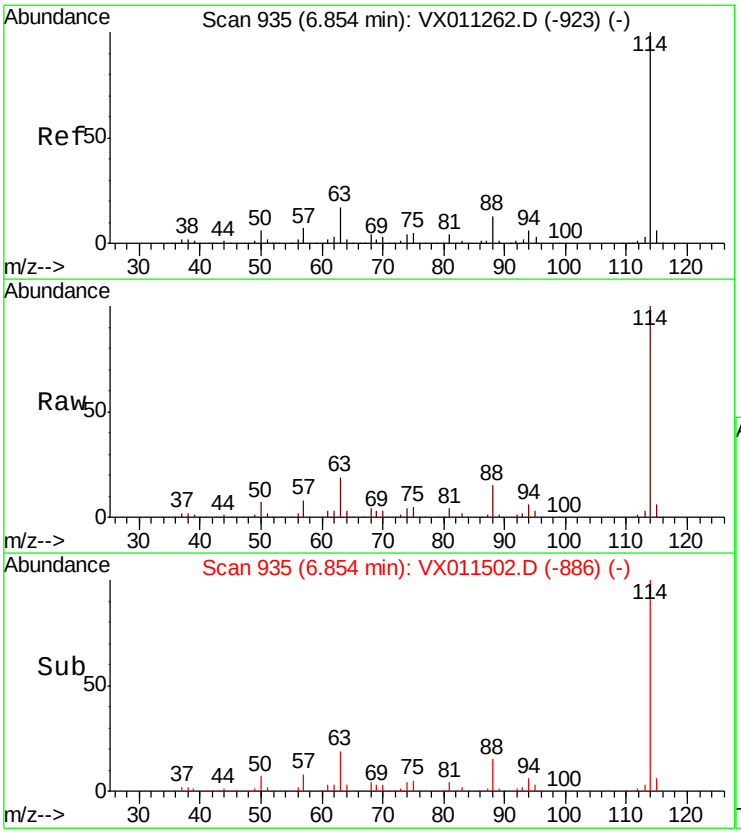

#33
1,2-Dichloroethane-d4
Concen: 56.611 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 65 Resp: 86713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.9 | 0.0 | 110.6 |

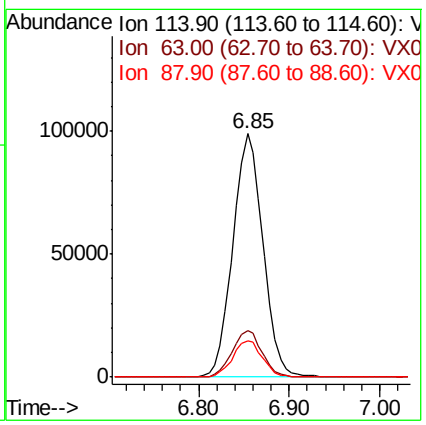


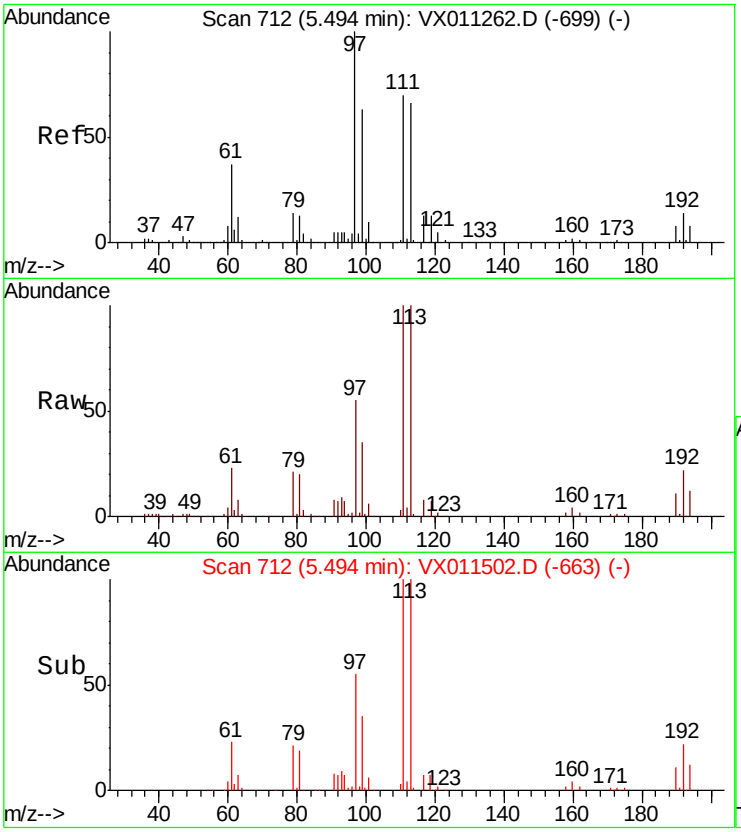




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:114 Resp: 227865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.0 | 0.0 | 34.0 |
| 88 | 14.6 | 0.0 | 26.4 |



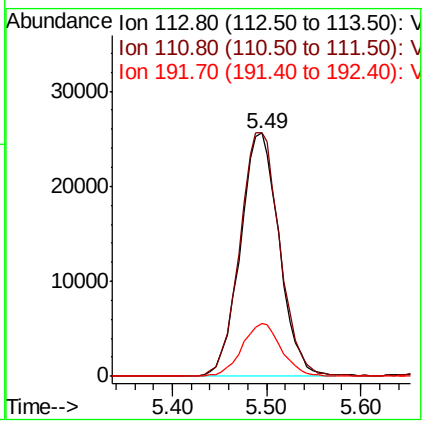


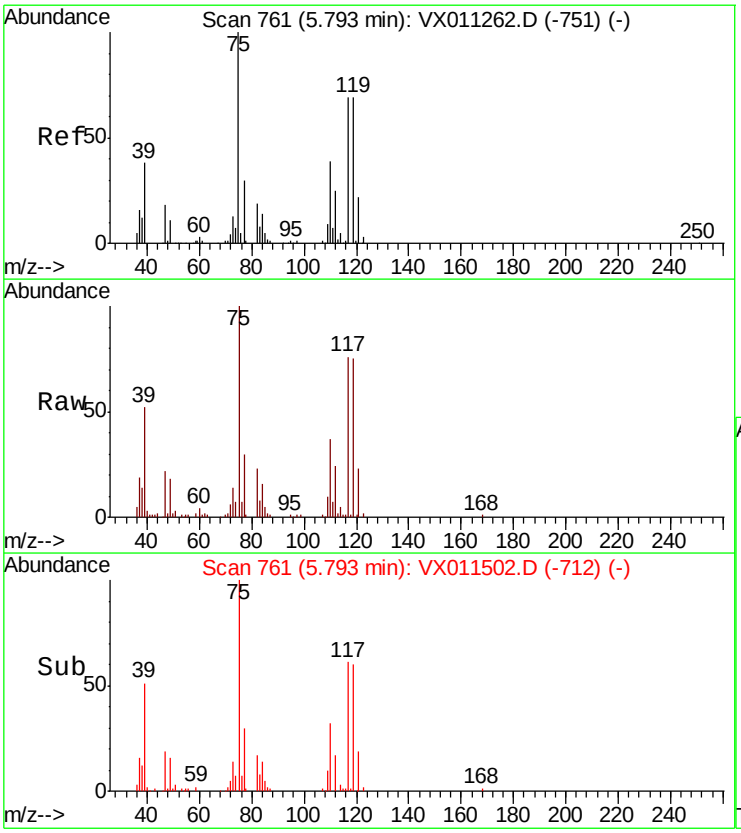

#35
Dibromofluoromethane
Concen: 49.596 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:113 Resp: 73783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 81.9 | 122.9 |
| 192 | 21.9 | 17.8 | 26.8 |

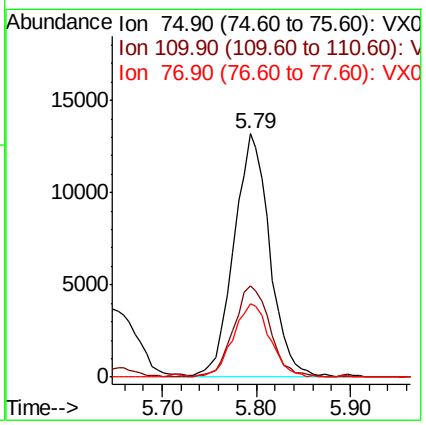


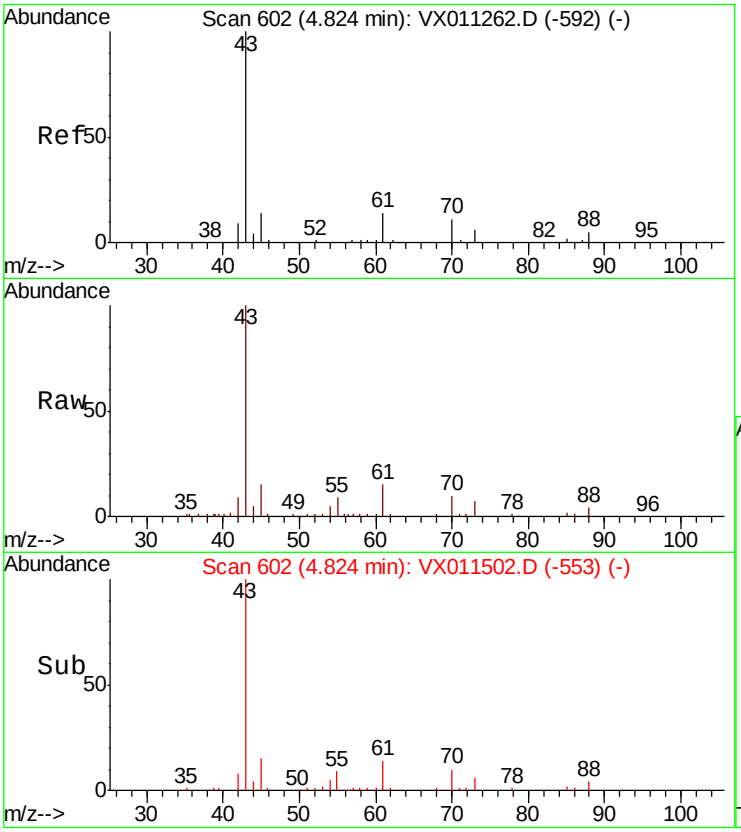




#36
1,1-Dichloropropene
Concen: 17.654 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 75 Resp: 35122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.0 | 20.0 | 59.9 |
| 77 | 31.0 | 24.8 | 37.2 |



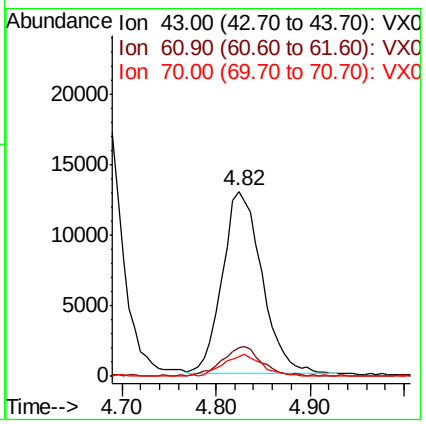


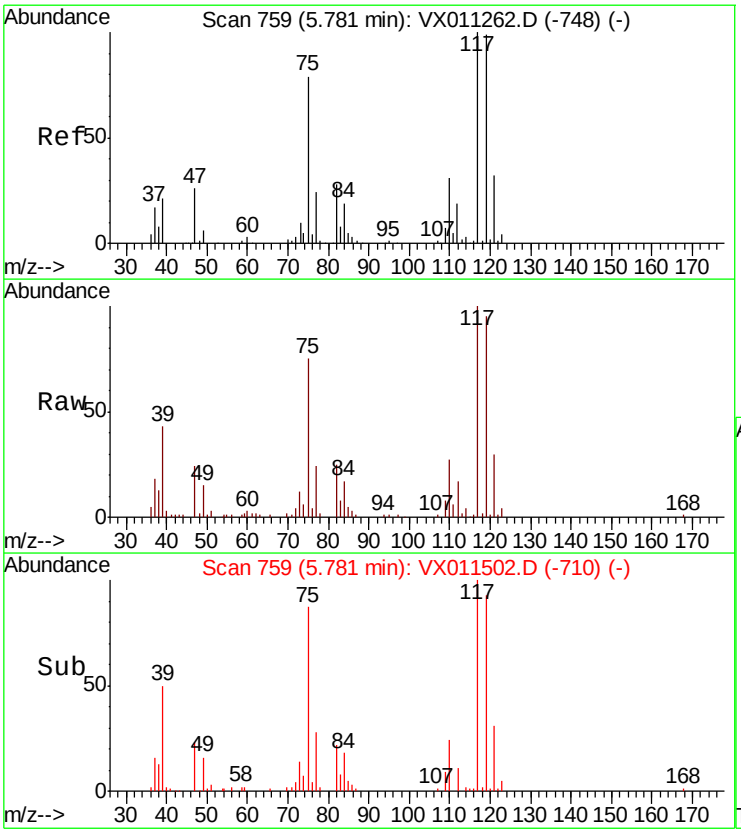

#37
Ethyl Acetate
Concen: 19.014 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 43 Resp: 37945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 16.5 | 12.6 | 18.8 |
| 70 | 11.9 | 9.1 | 13.7 |

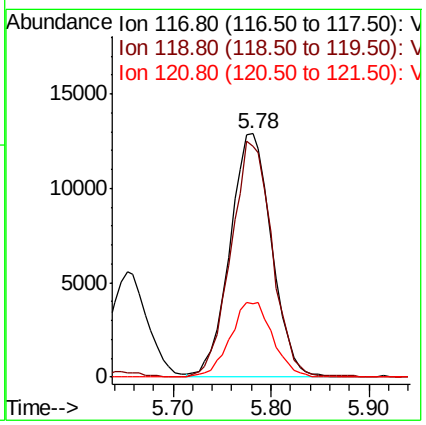


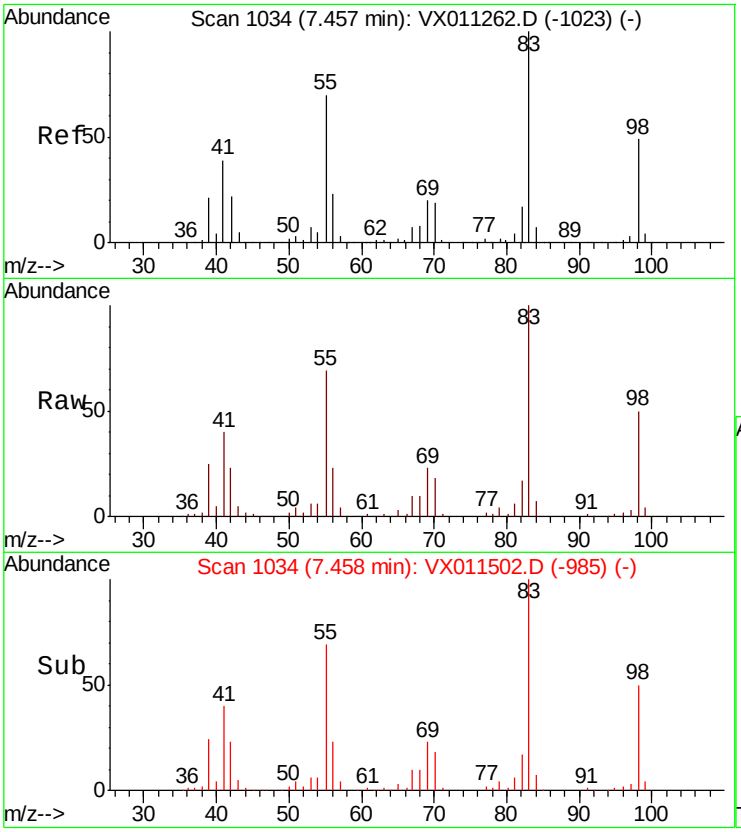




#38
Carbon Tetrachloride
Concen: 19.024 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:117 Resp: 38078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.8 | 79.0 | 118.4 |
| 121 | 30.4 | 25.9 | 38.9 |



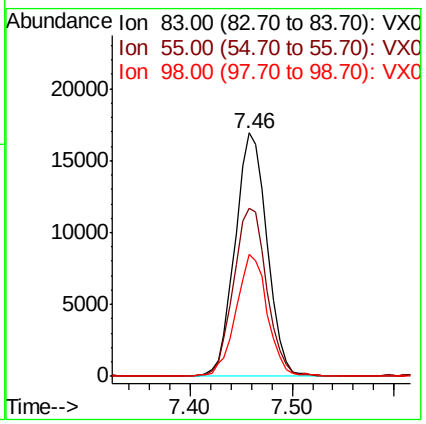


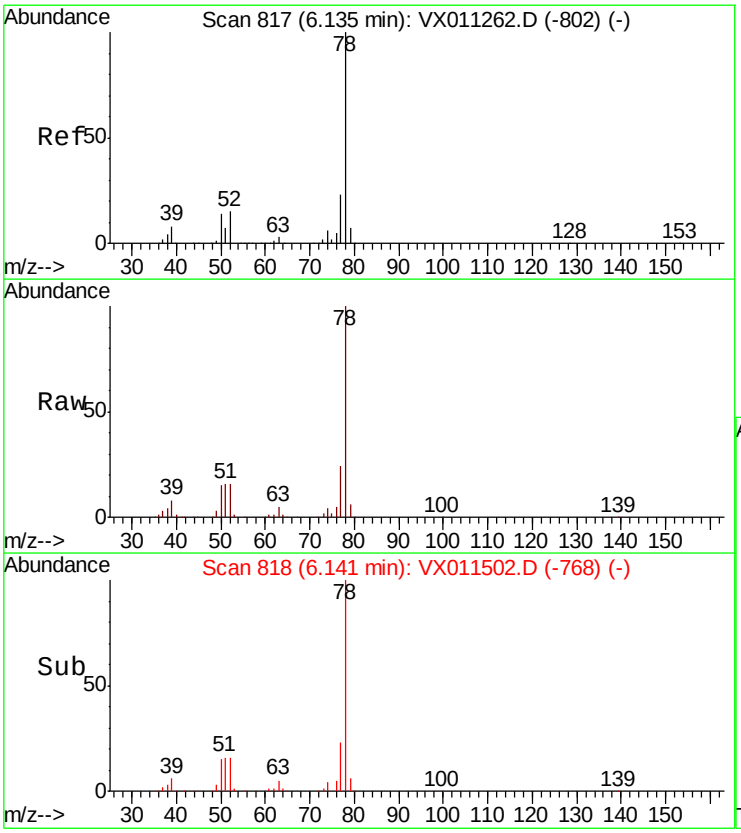

#39
Methylcyclohexane
Concen: 15.619 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 83 Resp: 36833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 69.0 | 56.1 | 84.1 |
| 98 | 49.9 | 39.0 | 58.4 |

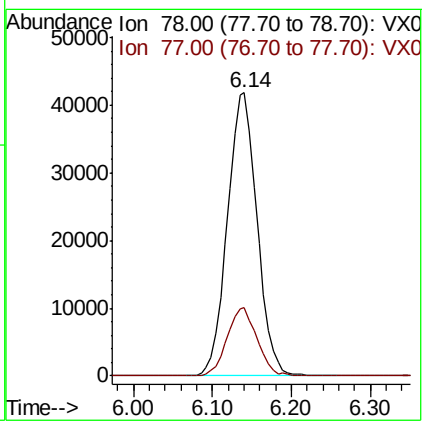


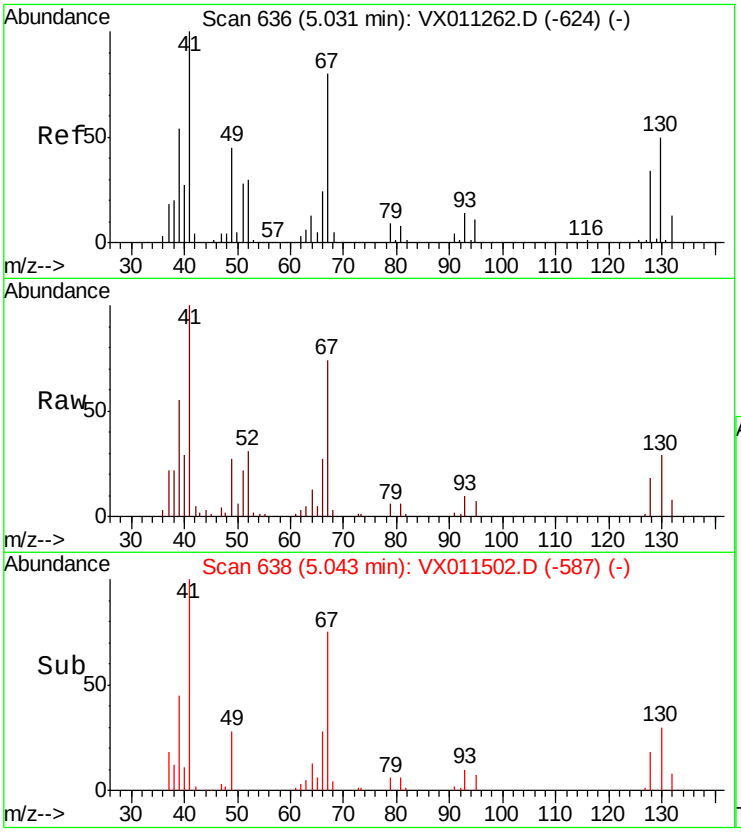




#40
Benzene
Concen: 18.426 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 78 Resp: 109389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.9 | 18.2 | 27.2 |



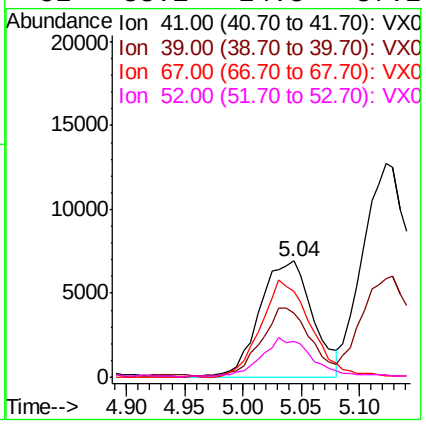


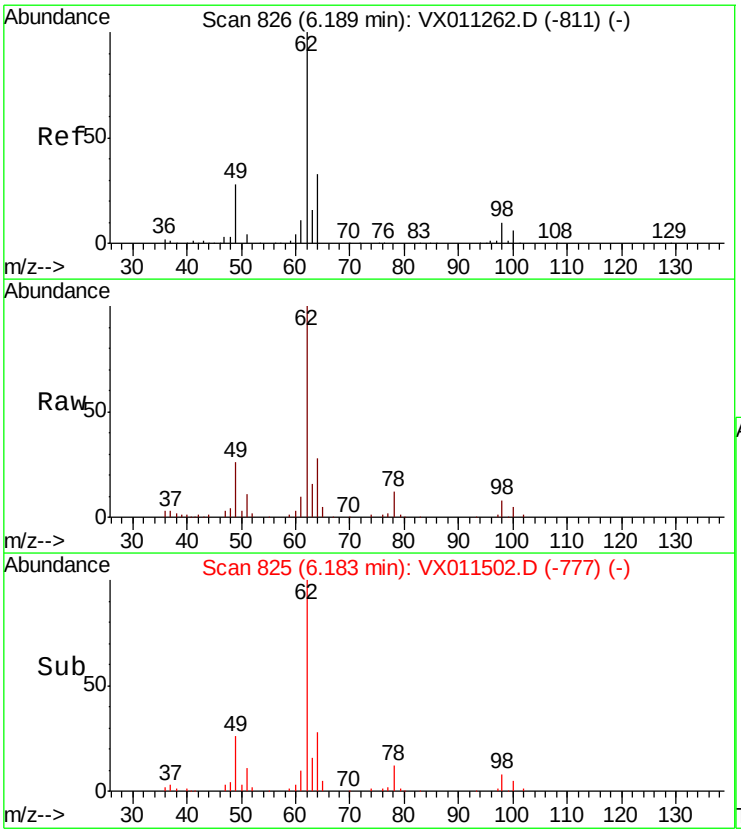

#41
Methacrylonitrile
Concen: 20.066 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Tgt Ion: 41 Resp: 21869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 54.9 | 43.0 | 64.6 |
| 67 | 78.9 | 65.1 | 97.7 |
| 52 | 33.1 | 24.8 | 37.2 |

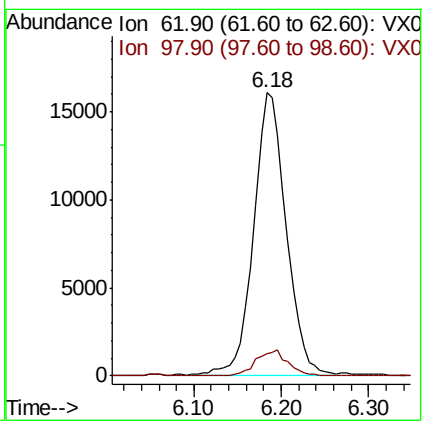


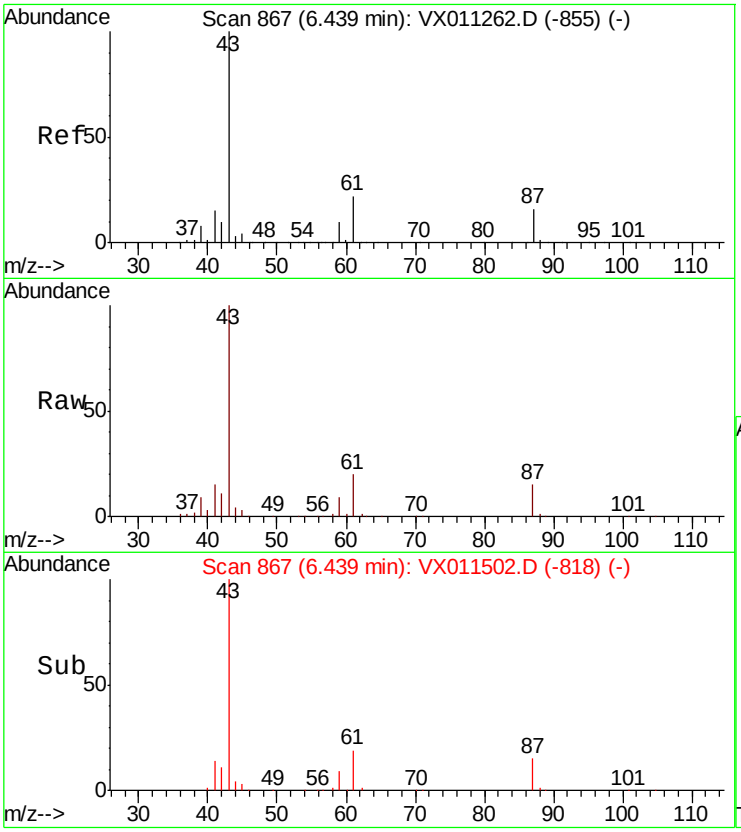




#42
1,2-Dichloroethane
Concen: 20.799 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 62 Resp: 41755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.9 | 0.0 | 20.6 |



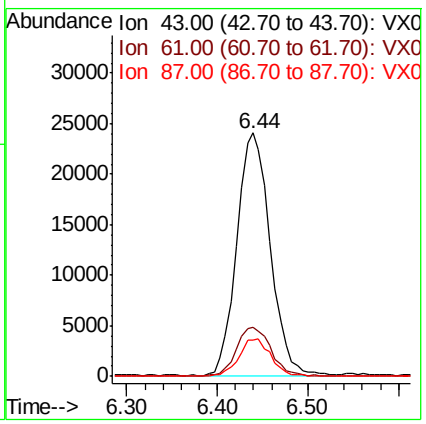


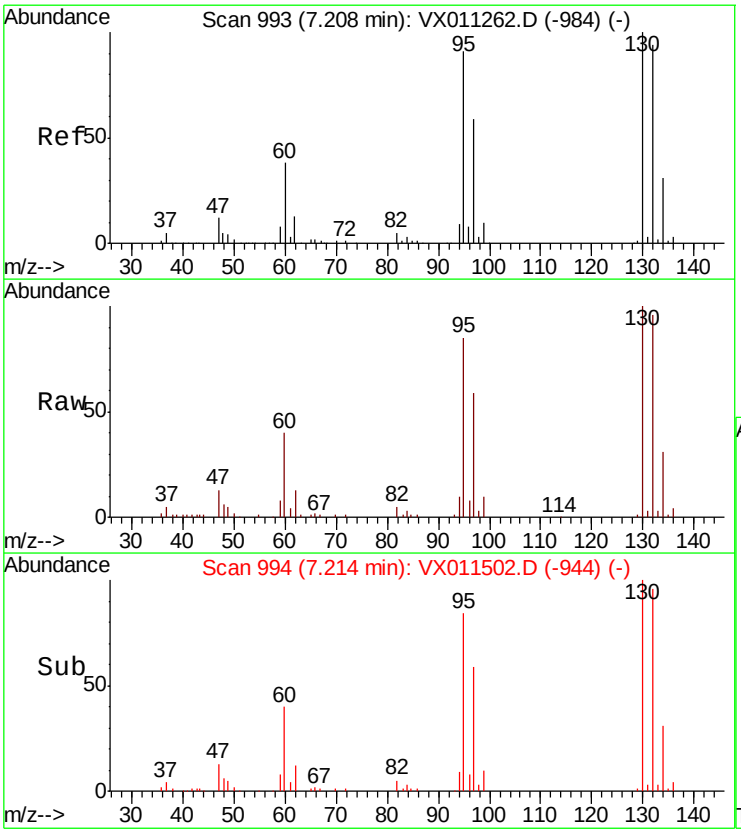

#43
Isopropyl Acetate
Concen: 19.446 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 43 Resp: 62041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.9 | 16.5 | 24.7 |
| 87 | 14.8 | 12.1 | 18.1 |

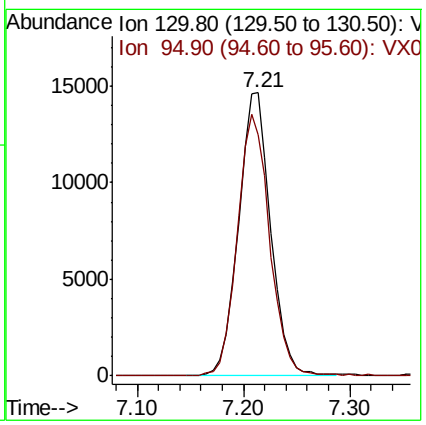


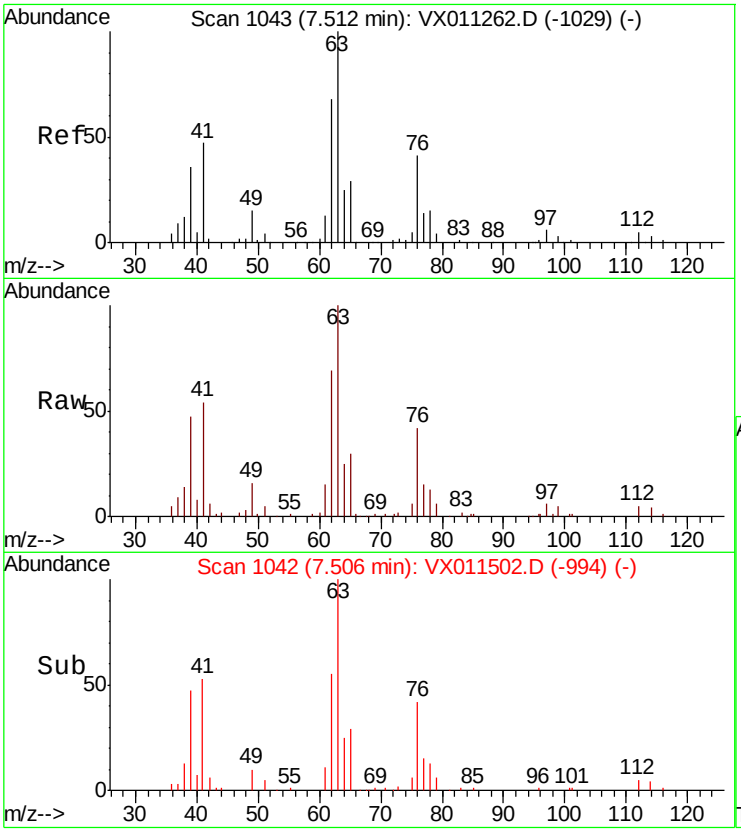




#44
Trichloroethene
Concen: 17.318 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:130 Resp: 31120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 85.0 | 0.0 | 182.6 |



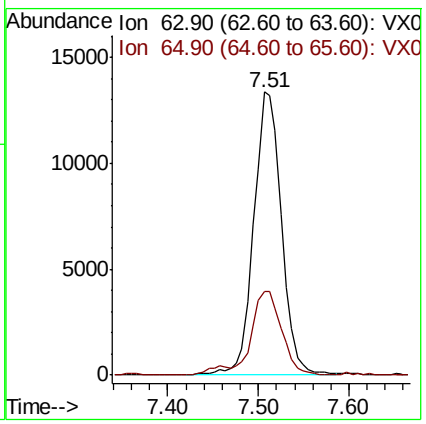


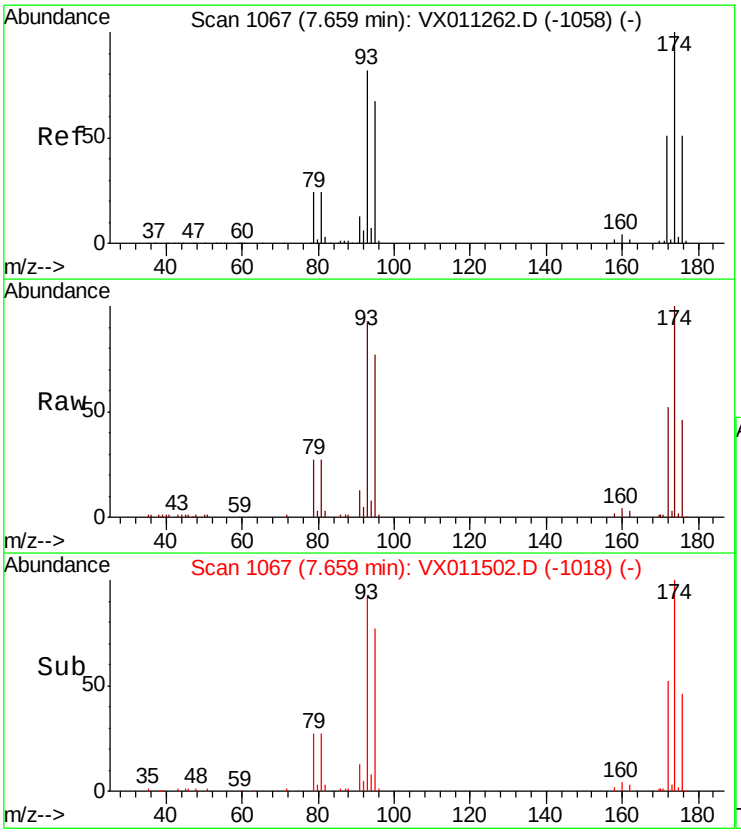

#45
1,2-Dichloropropane
Concen: 18.420 ug/l
RT: 7.51 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 63 Resp: 28321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.8 | 23.3 | 34.9 |

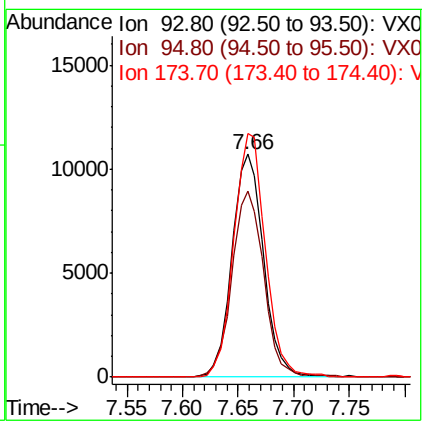


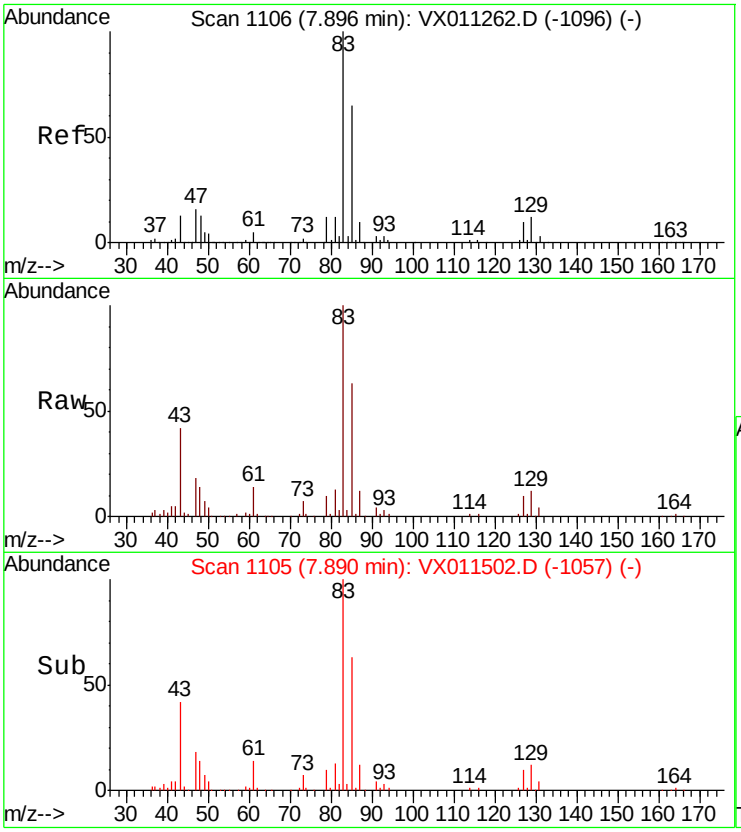




#46
Dibromomethane
Concen: 18.730 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 93 Resp: 21023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.7 | 66.4 | 99.6 |
| 174 | 109.1 | 93.4 | 140.2 |



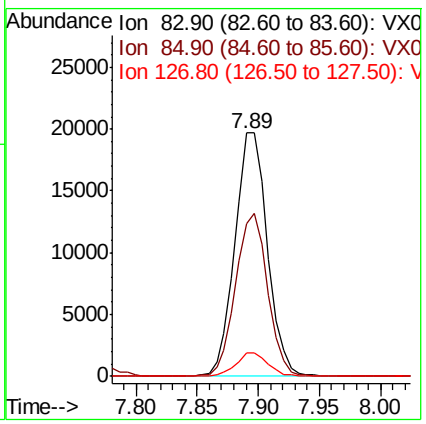


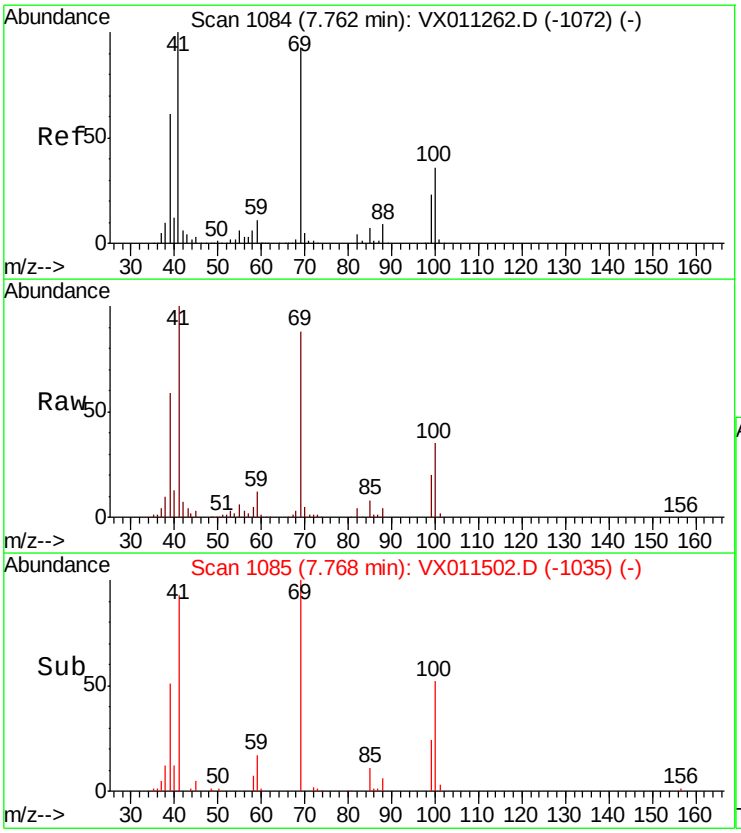

#47
Bromodichloromethane
Concen: 19.135 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 83 Resp: 36363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.6 | 52.2 | 78.2 |
| 127 | 9.8 | 7.8 | 11.8 |

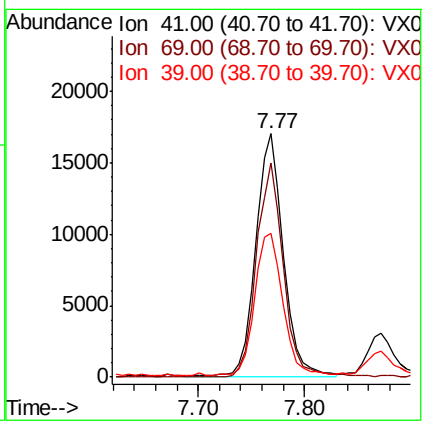


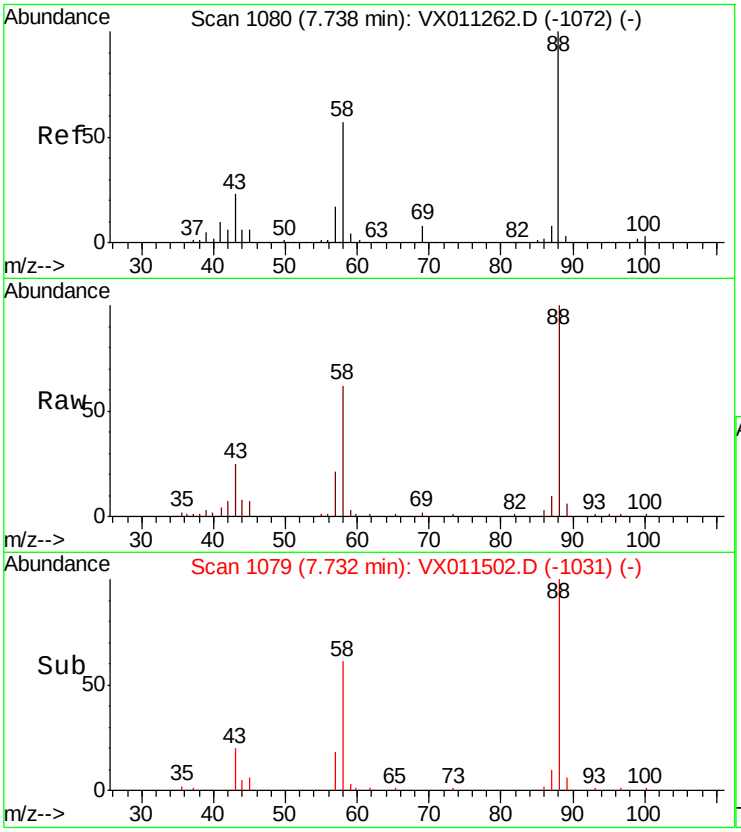




#48
Methyl methacrylate
Concen: 20.436 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 41 Resp: 30684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 86.8 | 74.5 | 111.7 |
| 39 | 60.2 | 48.6 | 72.8 |



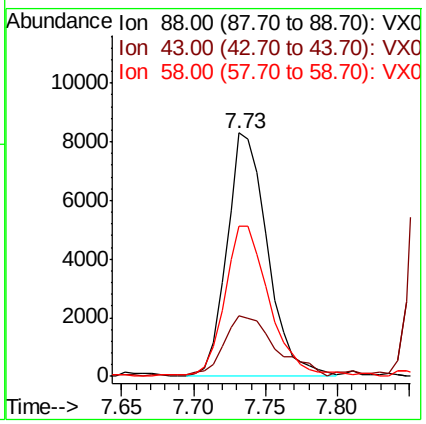


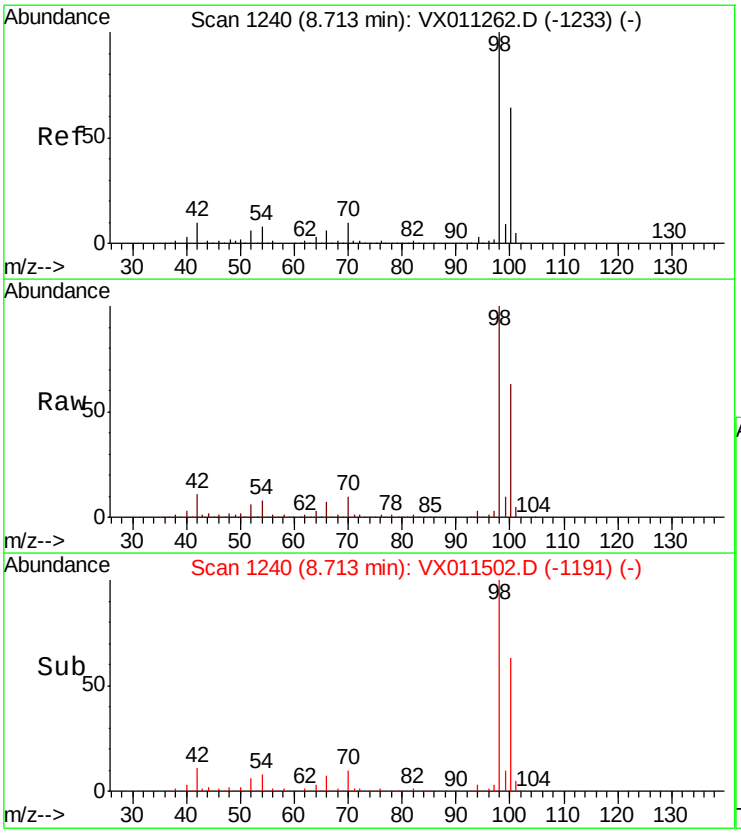

#49
1,4-Dioxane
Concen: 375.057 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 88 Resp: 16326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 32.6 | 22.2 | 33.2 |
| 58 | 68.6 | 47.8 | 71.8 |

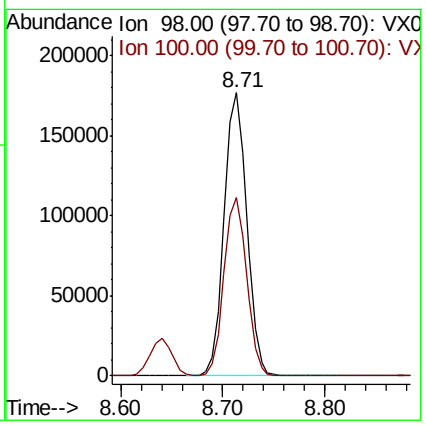


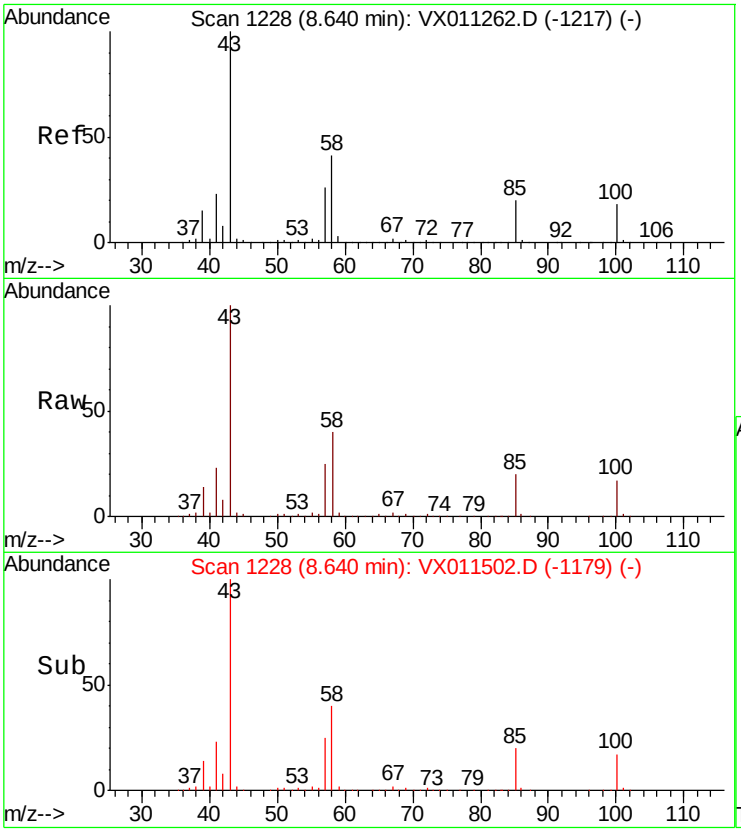




#50
Toluene-d8
Concen: 48.601 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 98 Resp: 272921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.4 | 51.7 | 77.5 |



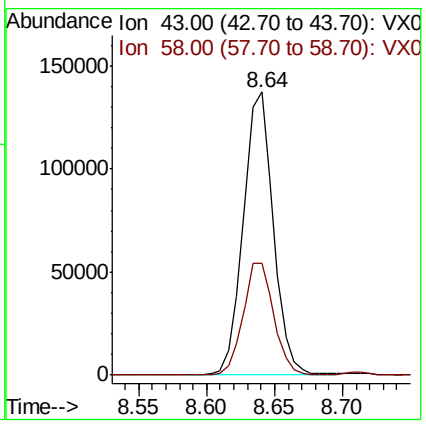


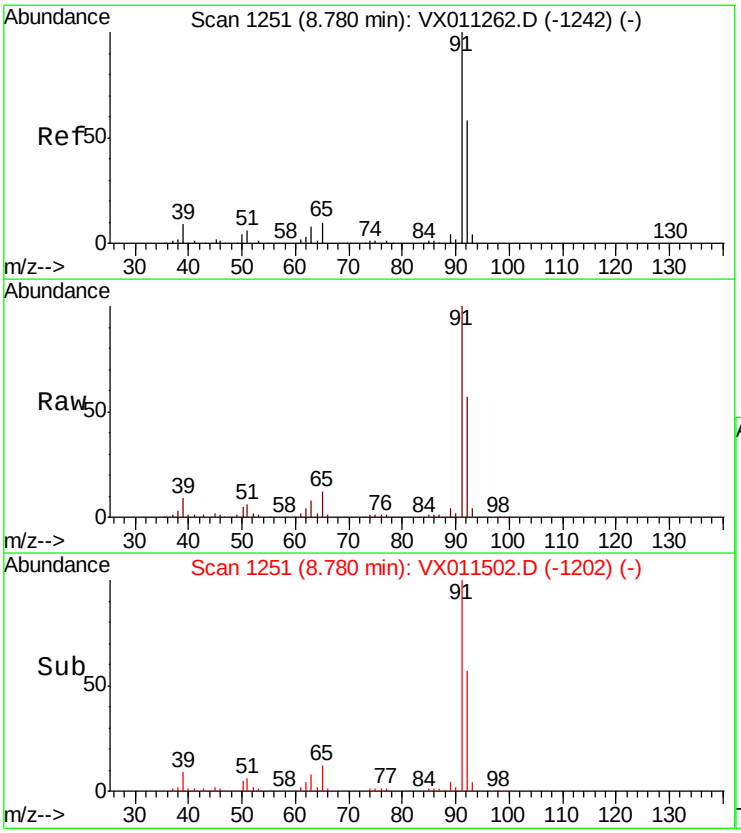

#51
4-Methyl-2-Pentanone
Concen: 103.160 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 43 Resp: 212409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.4 | 32.3 | 48.5 |

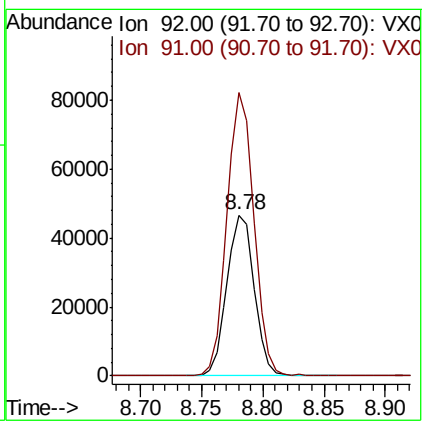


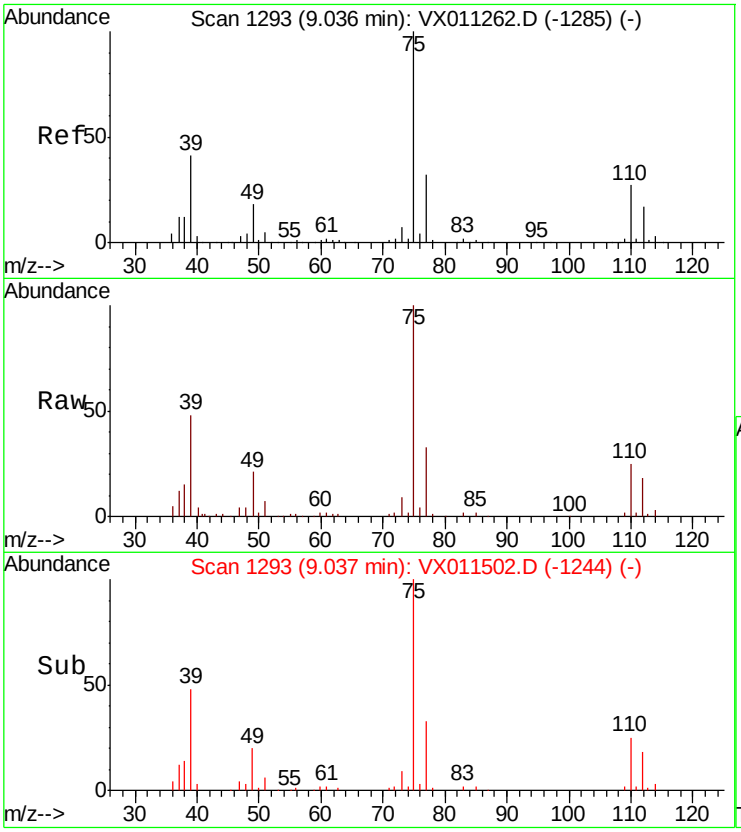




#52
Toluene
Concen: 18.348 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 92 Resp: 72021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.7 | 139.4 | 209.0 |



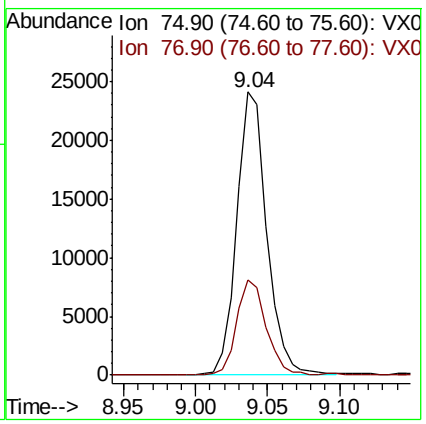


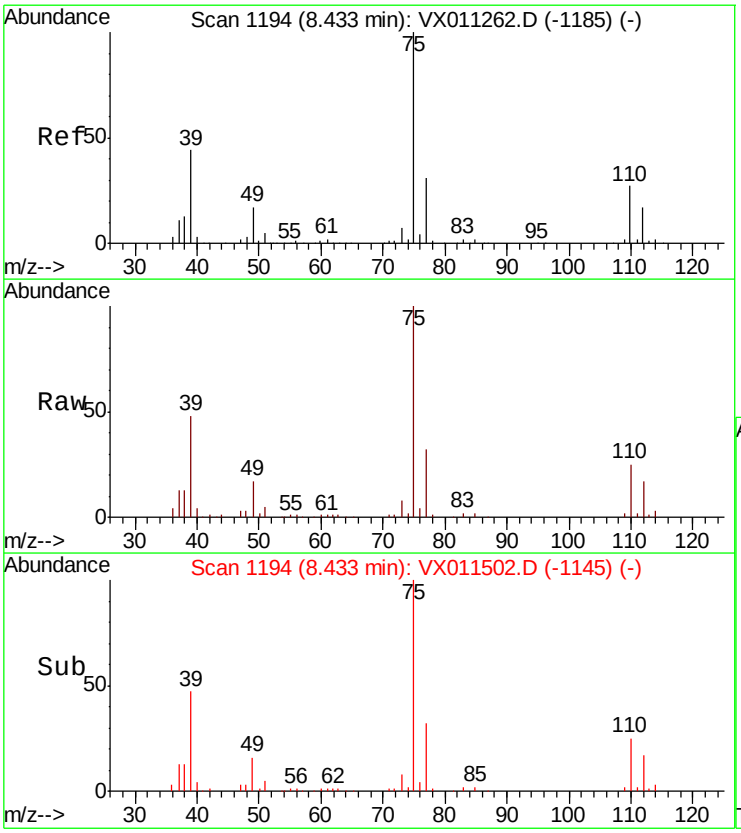

#53
t-1,3-Dichloropropene
Concen: 17.719 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 75 Resp: 34914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.5 | 25.4 | 38.0 |

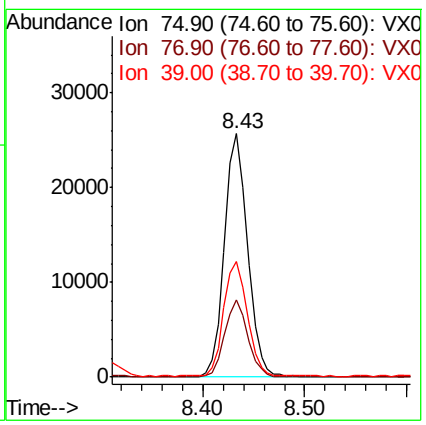


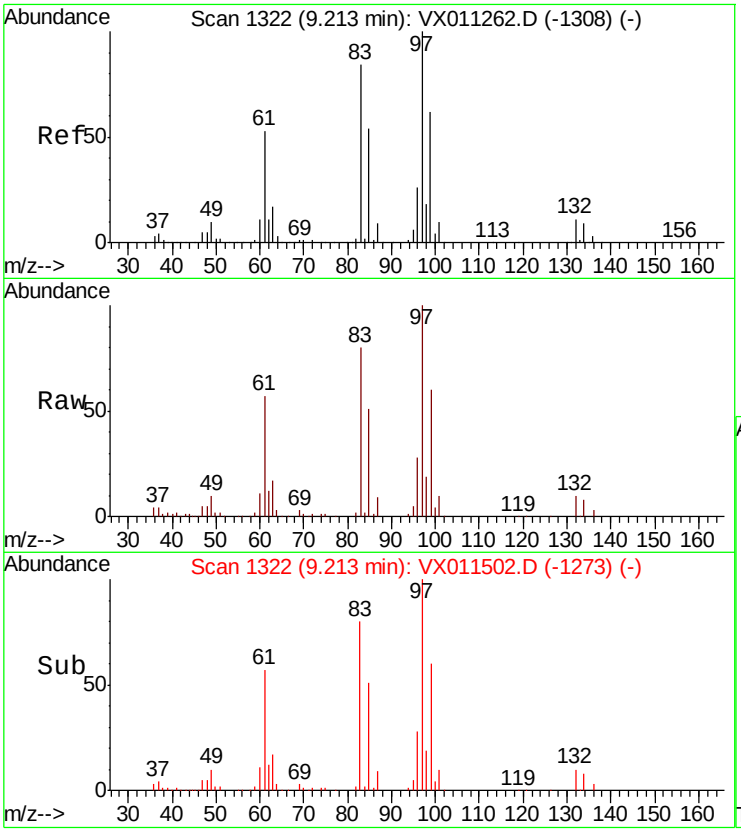




#54
cis-1,3-Dichloropropene
Concen: 18.212 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 75 Resp: 40427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 25.0 | 37.6 |
| 39 | 47.2 | 35.3 | 52.9 |



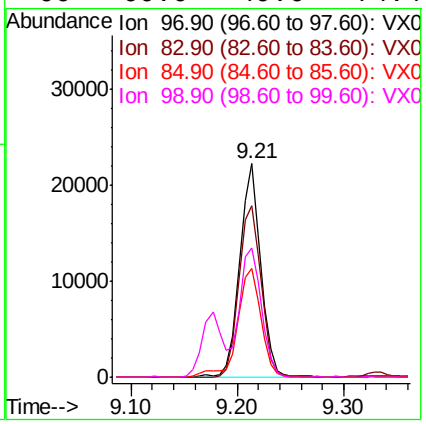


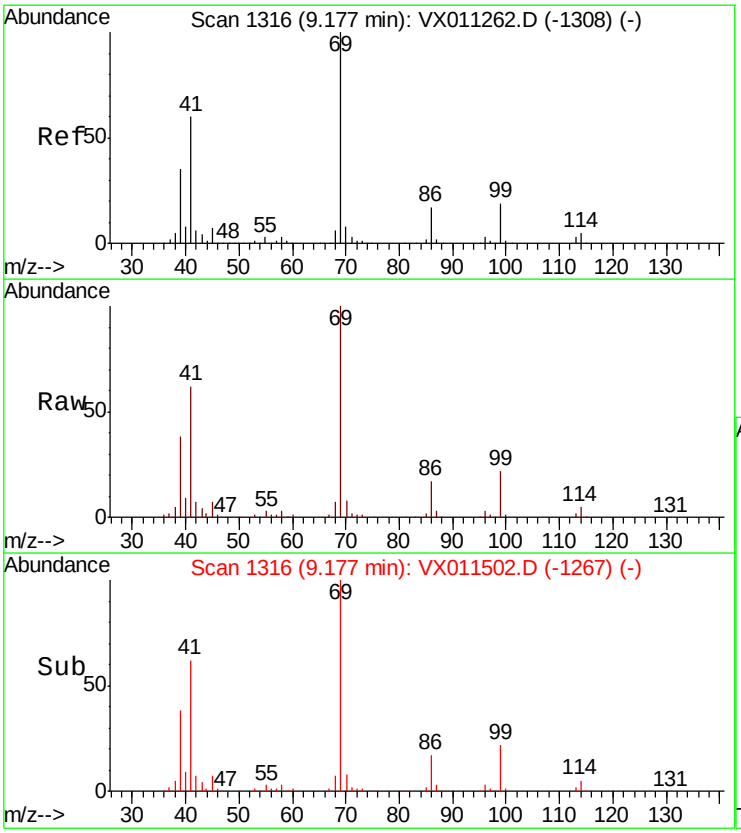

#55
1,1,2-Trichloroethane
Concen: 19.311 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 97 Resp: 31165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 80.5 | 67.6 | 101.4 |
| 85 | 50.9 | 43.4 | 65.0 |
| 99 | 60.0 | 49.6 | 74.4 |

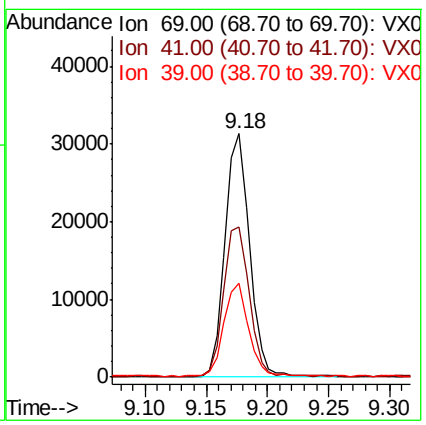


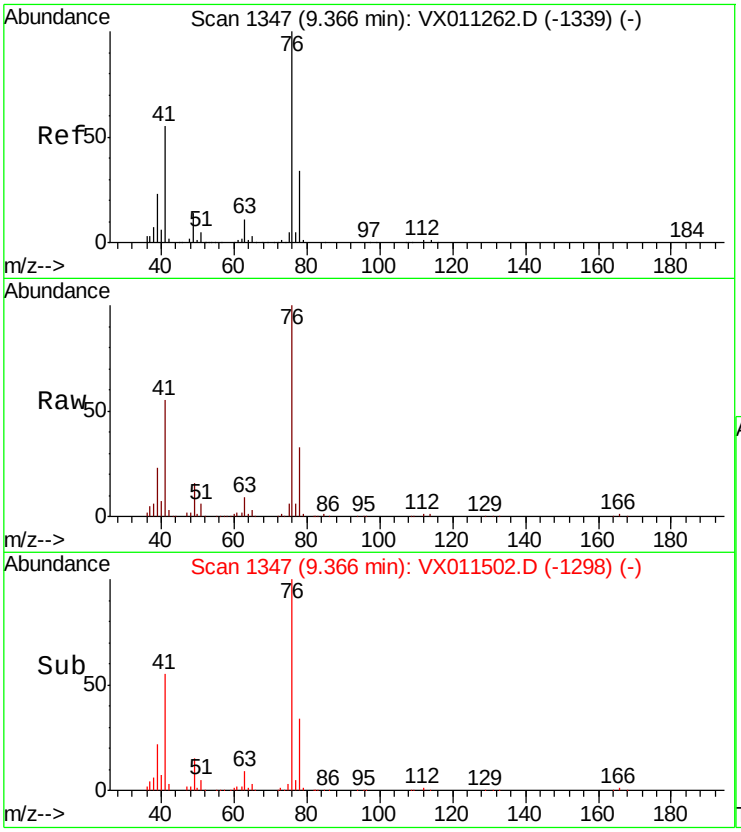




#56
Ethyl methacrylate
Concen: 19.021 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 69 Resp: 43745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 65.1 | 48.6 | 73.0 |
| 39 | 38.8 | 29.4 | 44.2 |



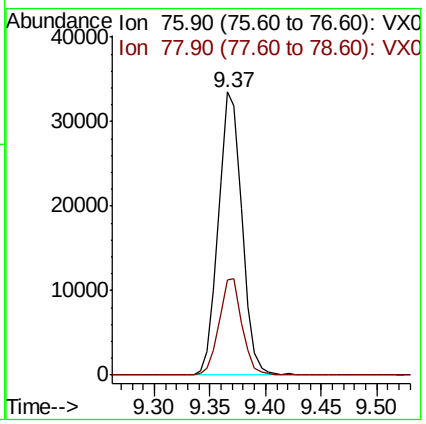


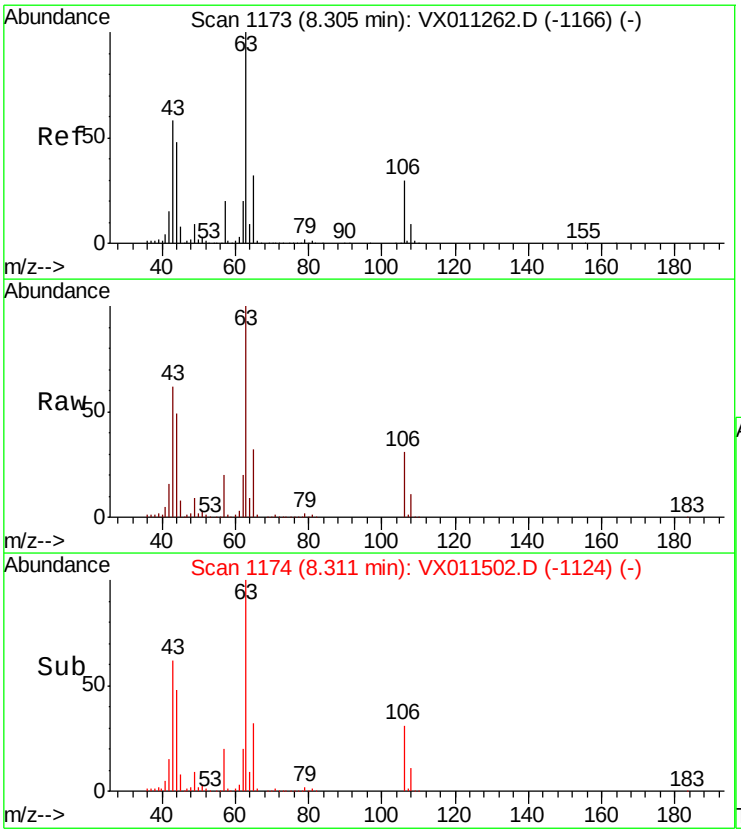

#57
1,3-Dichloropropane
Concen: 19.247 ug/l
RT: 9.37 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 76 Resp: 49124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.2 | 26.6 | 40.0 |

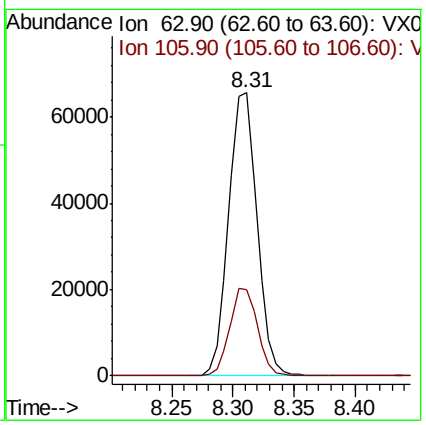


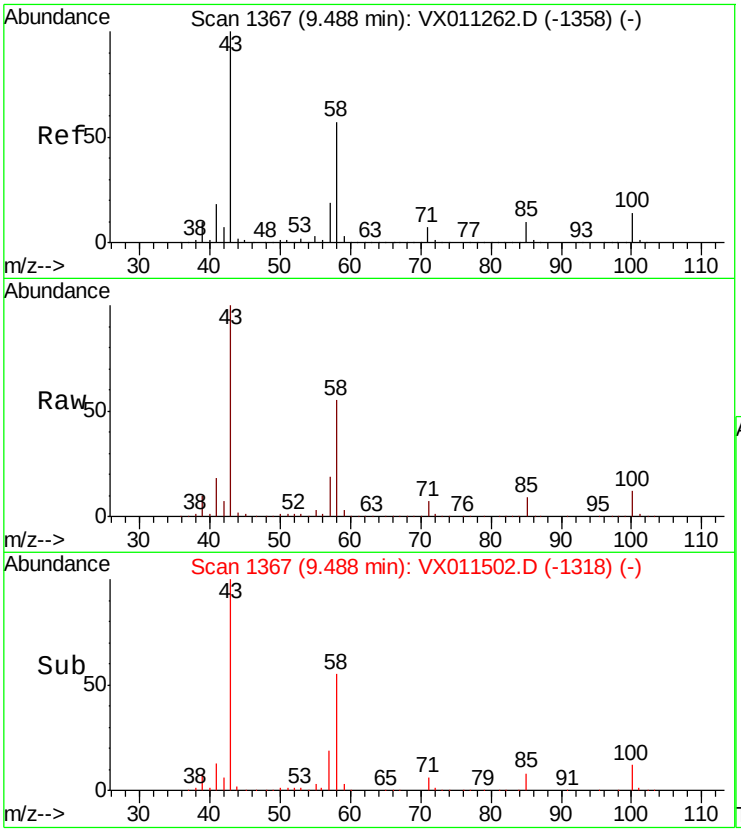




#58
2-Chloroethyl Vinyl ether
Concen: 93.387 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 63 Resp: 105604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 30.2 | 24.4 | 36.6 |



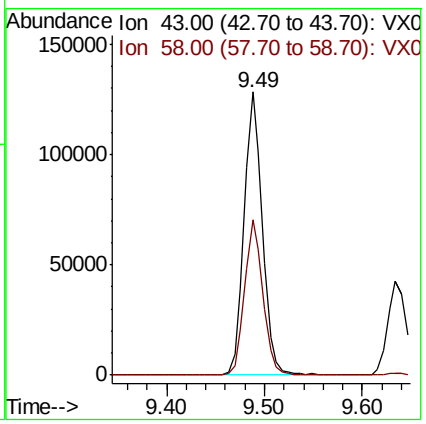


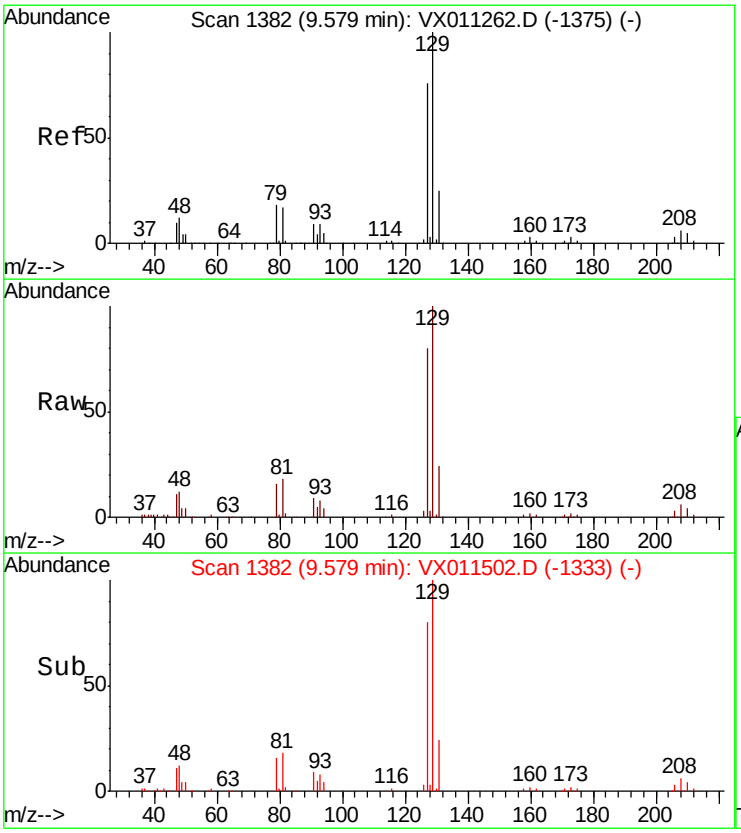

#59
2-Hexanone
Concen: 104.344 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 43 Resp: 166413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.8 | 28.2 | 84.6 |

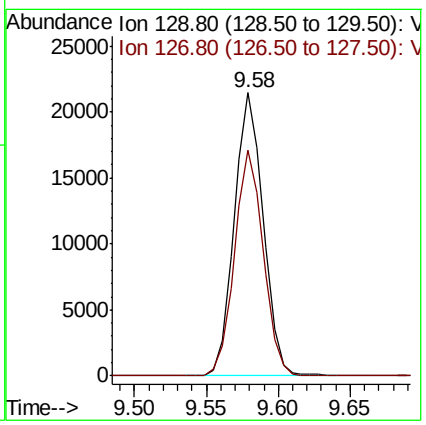


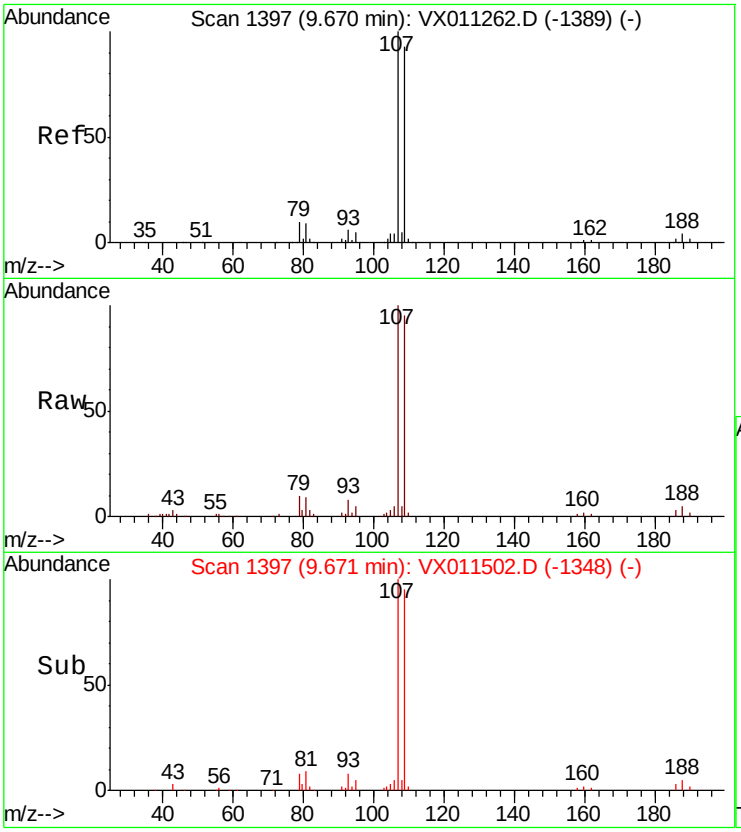




#60
Dibromochloromethane
Concen: 18.160 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:129 Resp: 30006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 79.0 | 39.2 | 117.6 |



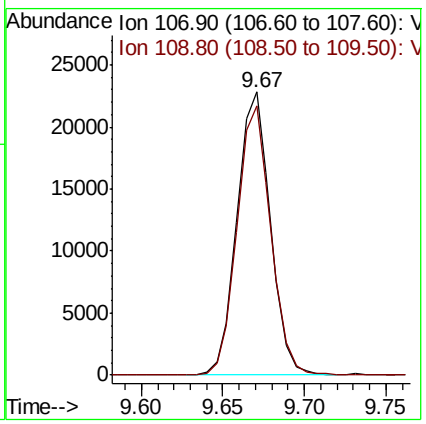


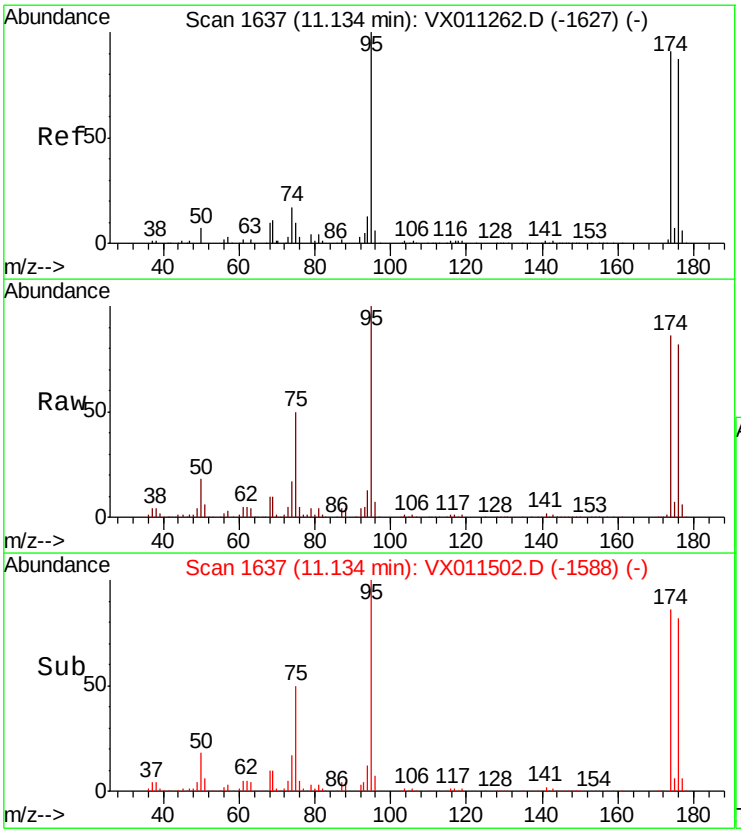

#61
1,2-Dibromoethane
Concen: 18.630 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:107 Resp: 32483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 96.0 | 76.6 | 114.8 |

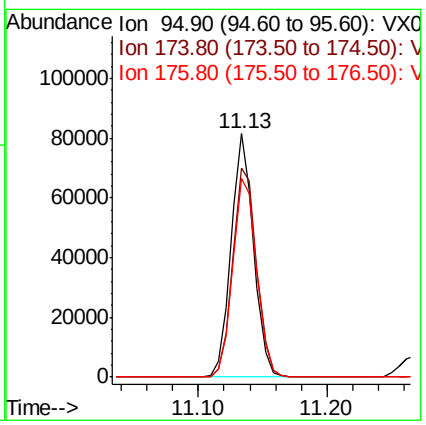


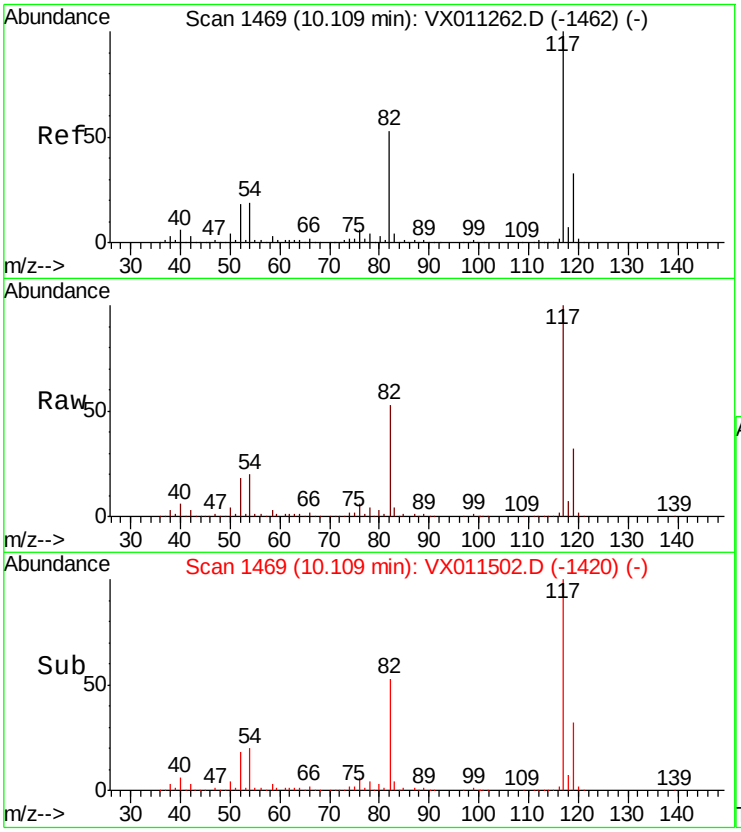




#62
4-Bromofluorobenzene
Concen: 49.514 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 95 Resp: 99271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.3 | 0.0 | 191.2 |
| 176 | 86.7 | 0.0 | 184.8 |



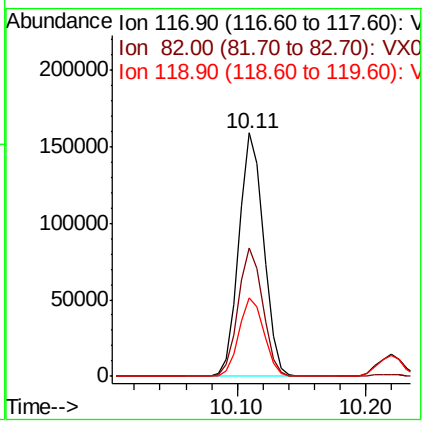


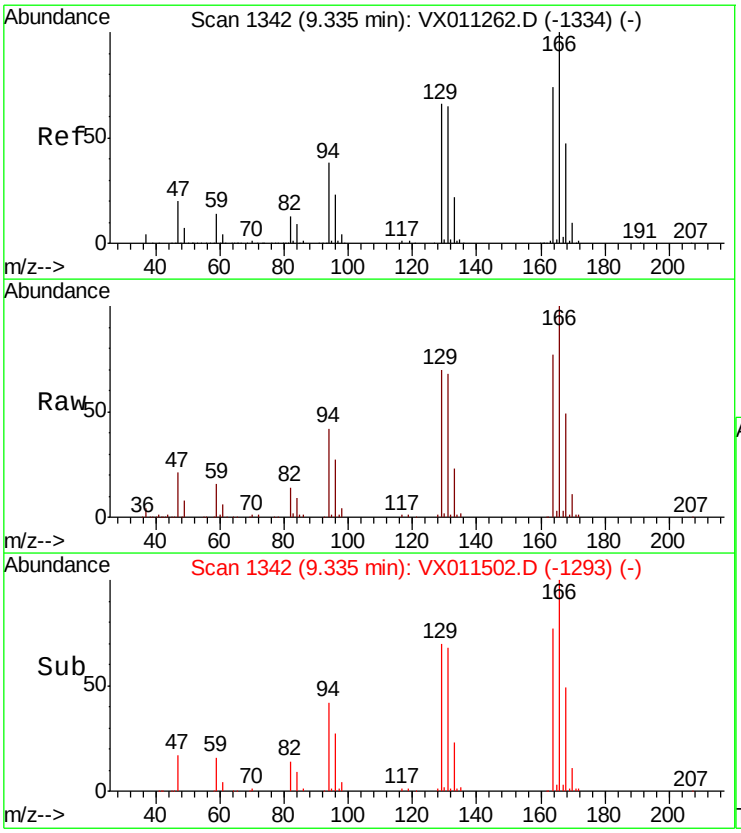

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Tgt Ion:117 Resp: 211321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.0 | 42.2 | 63.2 |
| 119 | 32.2 | 26.6 | 39.8 |

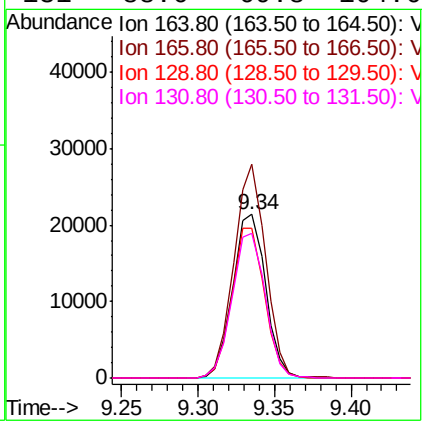


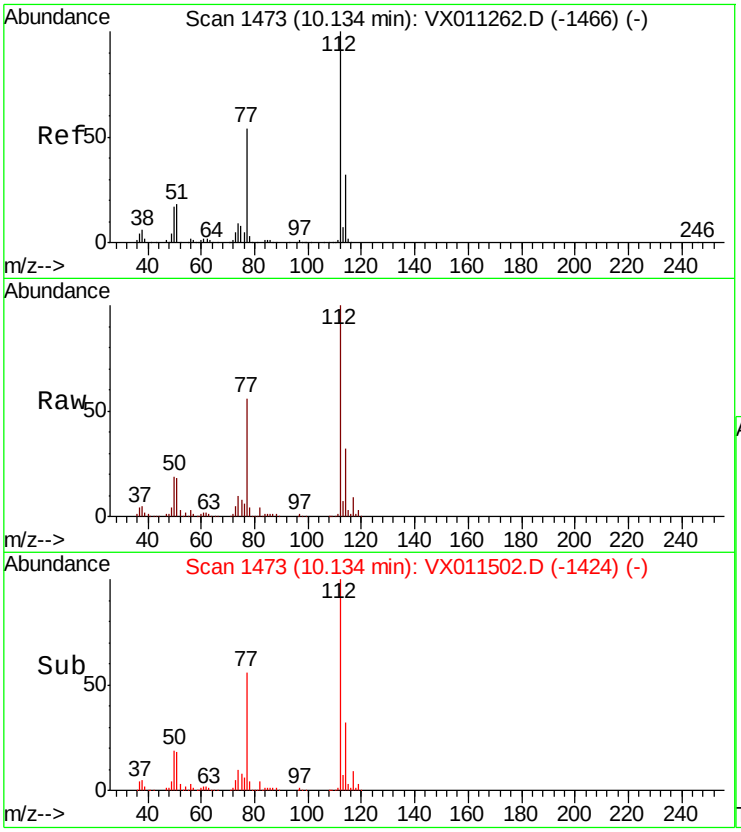




#64
Tetrachloroethene
Concen: 17.740 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:164 Resp: 31836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.6 | 107.5 | 161.3 |
| 129 | 92.0 | 71.0 | 106.4 |
| 131 | 88.6 | 69.8 | 104.6 |



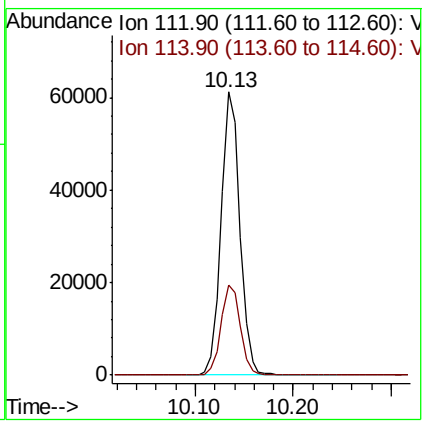


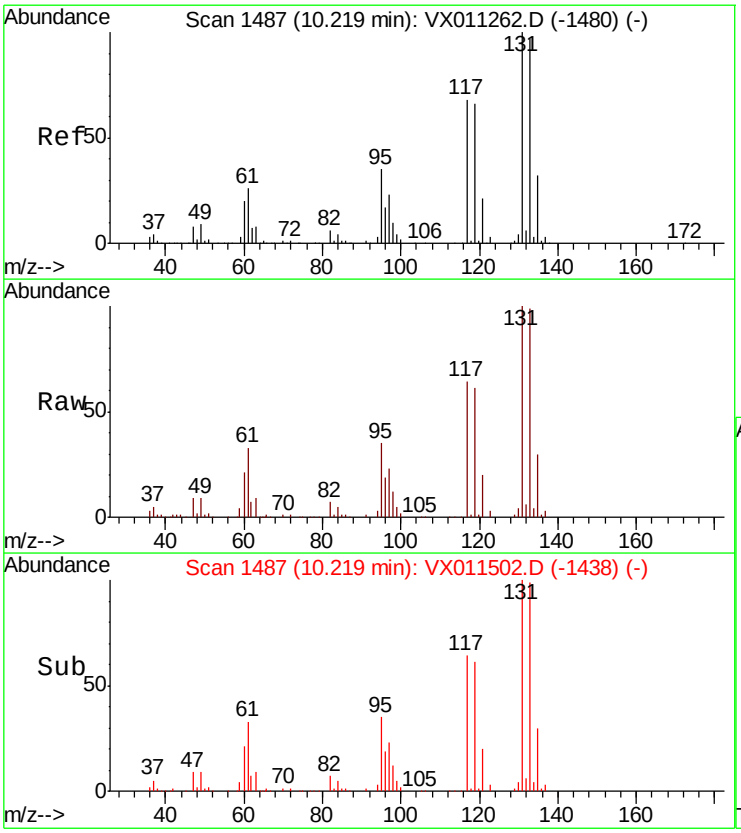

#65
Chlorobenzene
Concen: 17.995 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Tgt Ion:112 Resp: 81535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.0 | 25.9 | 38.9 |

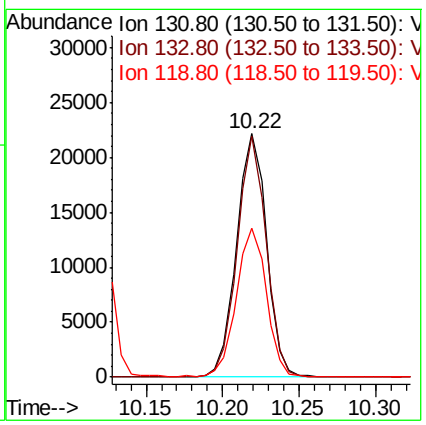


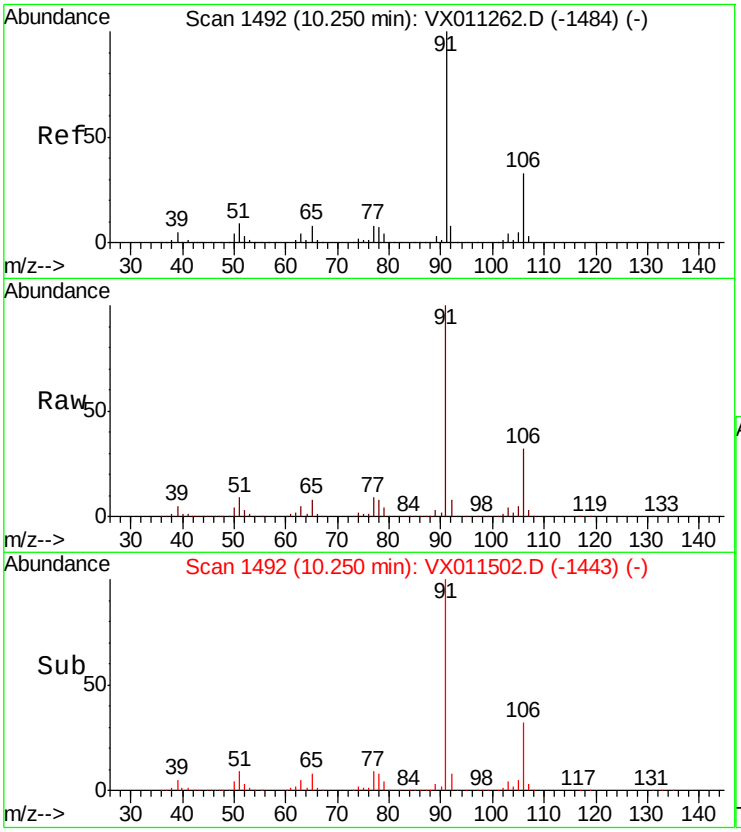




#66
1,1,1,2-Tetrachloroethane
Concen: 19.449 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:131 Resp: 30169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.5 | 47.7 | 143.1 |
| 119 | 61.4 | 32.8 | 98.3 |



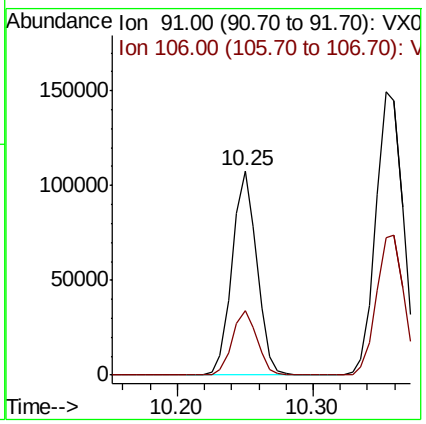


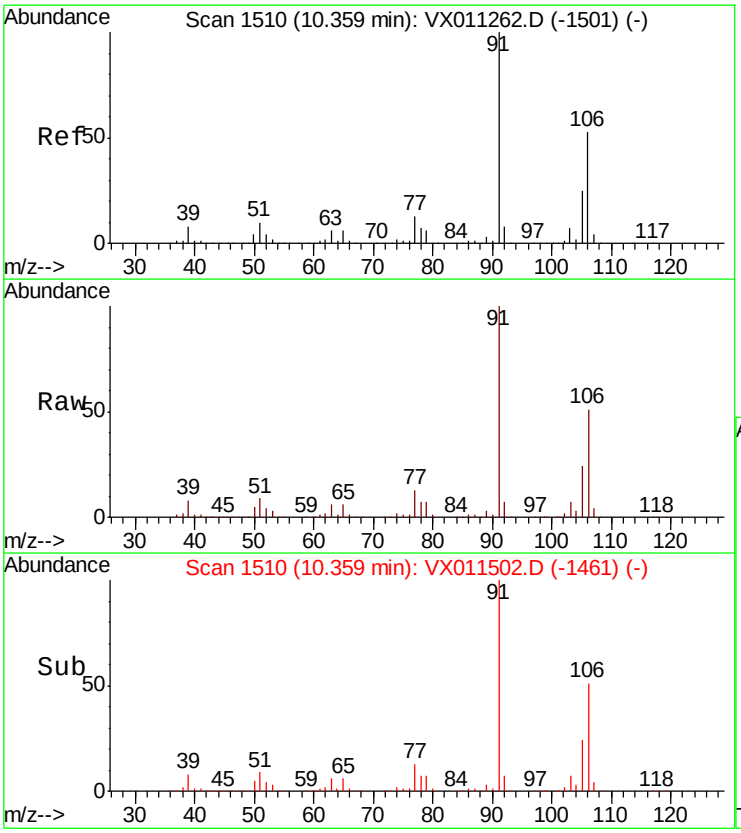

#67
Ethyl Benzene
Concen: 17.946 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Tgt Ion: 91 Resp: 136183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.8 | 26.2 | 39.4 |

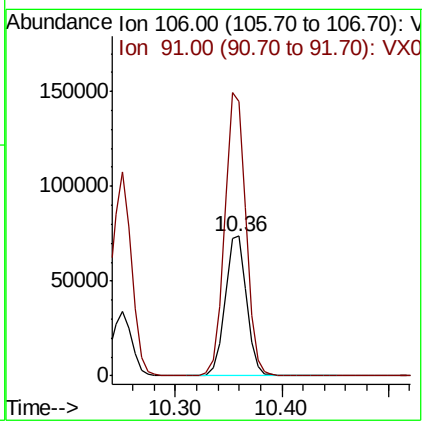


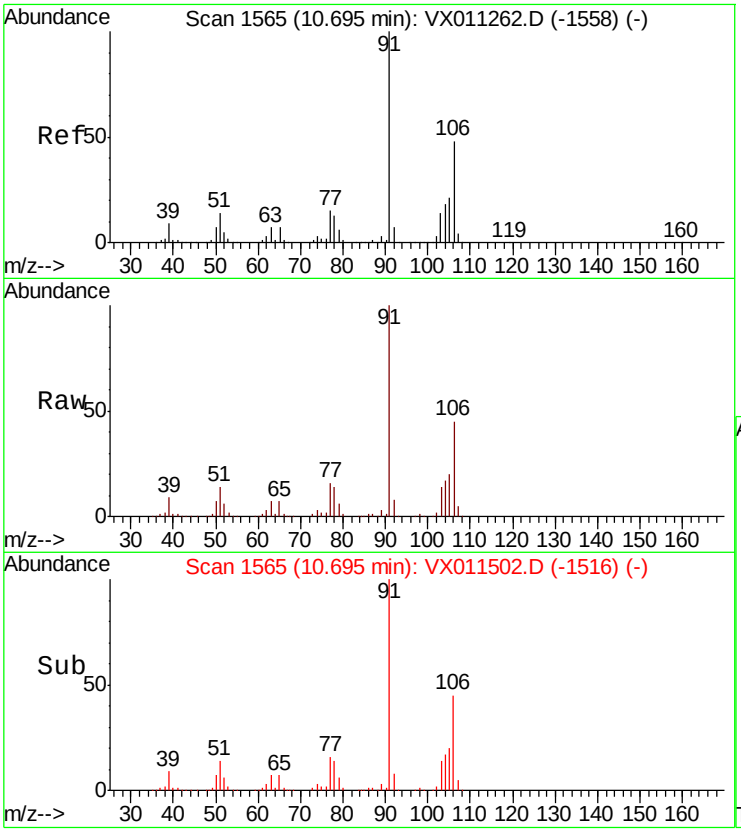




#68
m/p-Xylenes
Concen: 35.455 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:106 Resp: 104066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 200.1 | 155.9 | 233.9 |



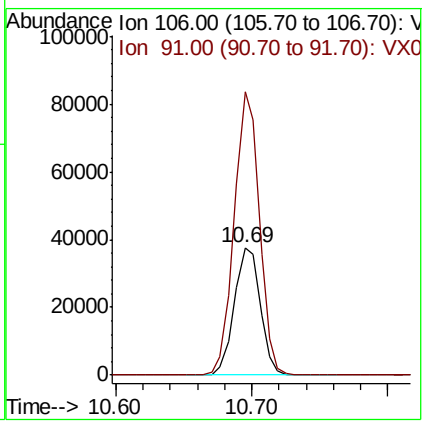


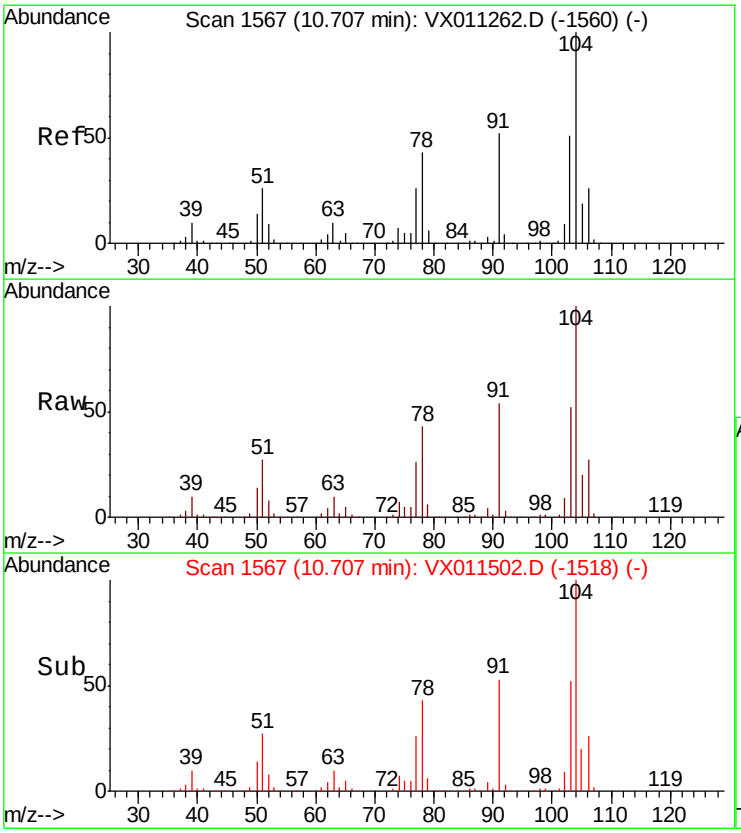

#69
o-Xylene
Concen: 17.341 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Tgt Ion:106 Resp: 50010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 216.2 | 103.8 | 311.3 |

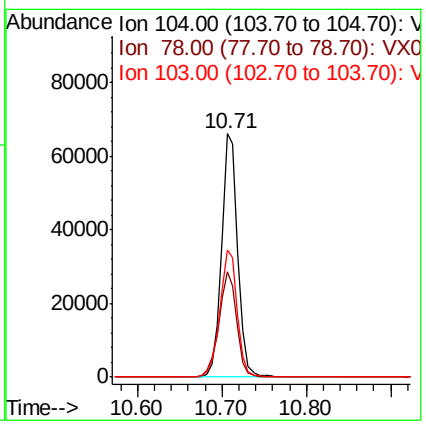


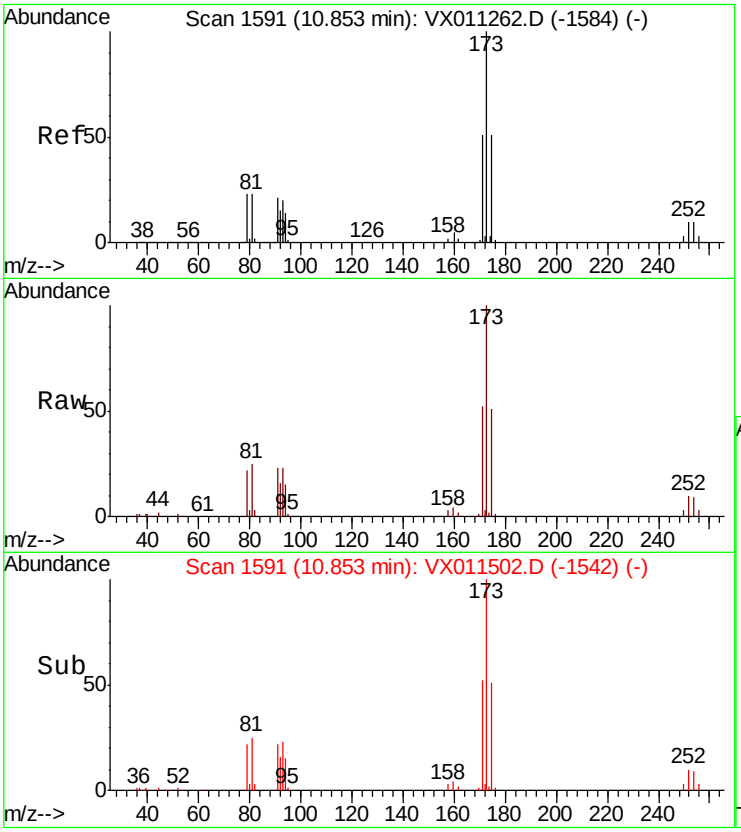




#70
Styrene
Concen: 18.337 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:104 Resp: 87502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 47.4 | 36.9 | 55.3 |
| 103 | 56.1 | 44.4 | 66.6 |



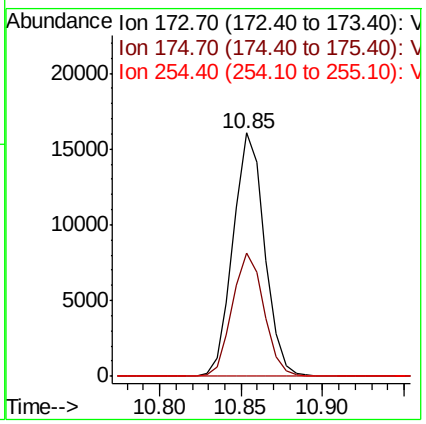


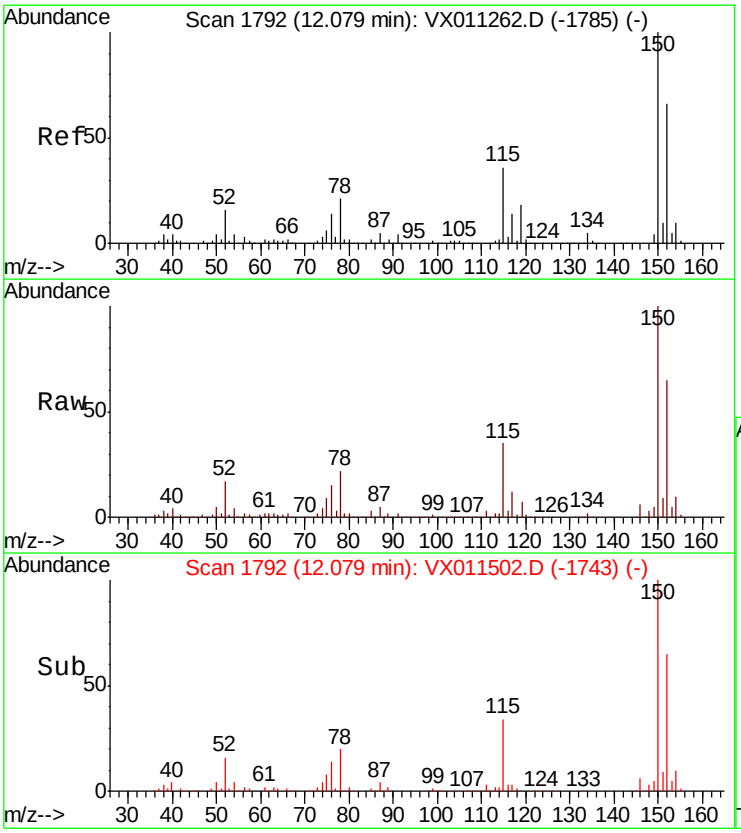

#71
Bromoform
Concen: 17.548 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:173 Resp: 21632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 51.0 | 24.4 | 73.4 |
| 254 | 0.0 | 0.2 | 0.2# |

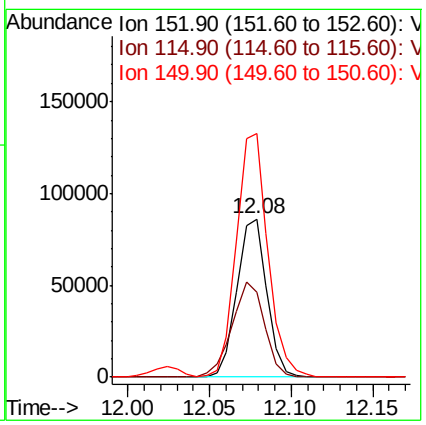


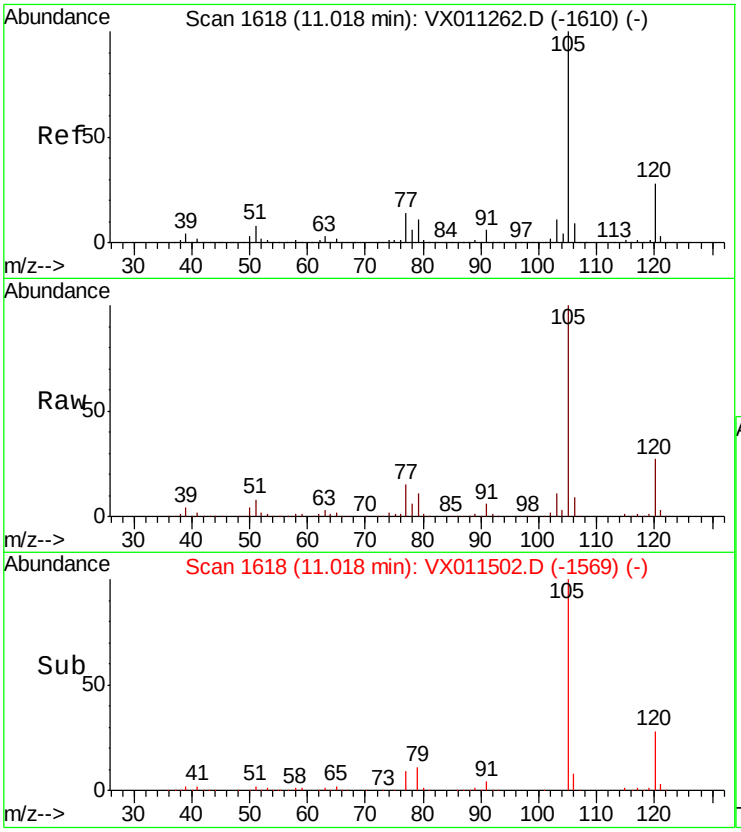




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:152 Resp: 109986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 65.5 | 40.0 | 119.9 |
| 150 | 161.4 | 0.0 | 350.4 |



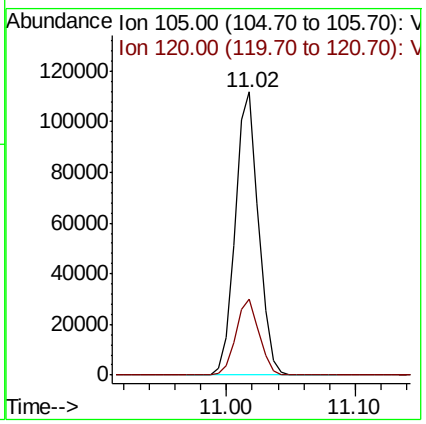


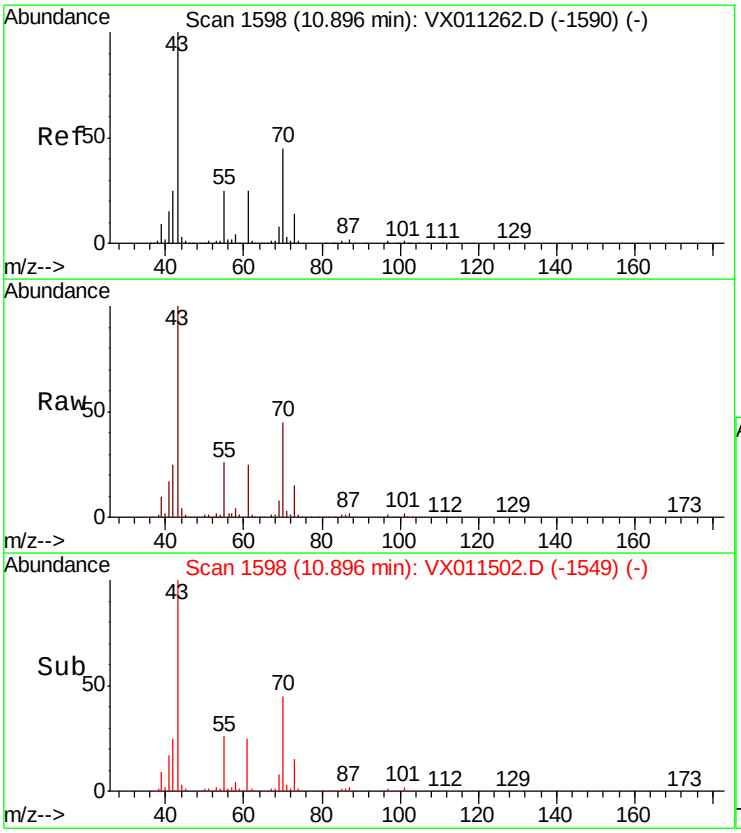

#73
Isopropylbenzene
Concen: 18.618 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:105 Resp: 140050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.9 | 13.7 | 41.1 |

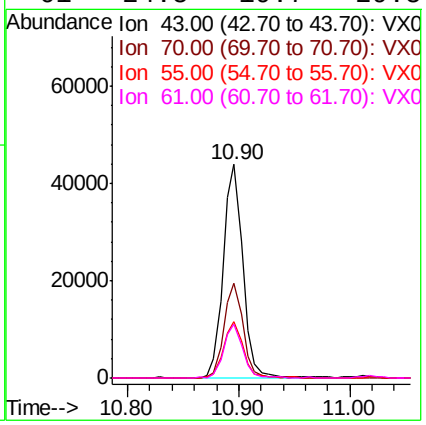


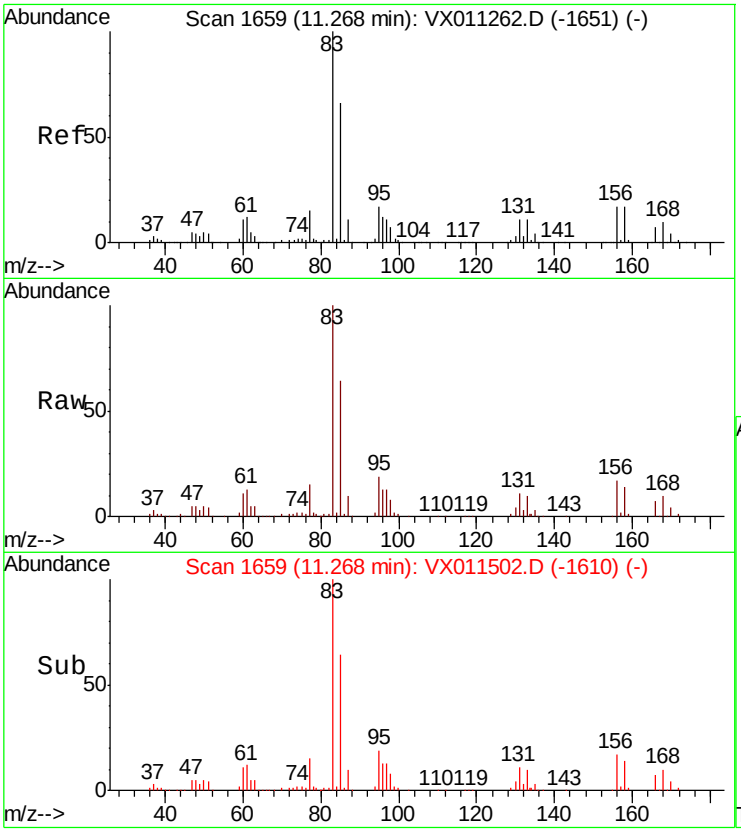




#74
N-amyl acetate
Concen: 19.714 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 43 Resp: 53584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 43.0 | 35.9 | 53.9 |
| 55 | 26.8 | 19.8 | 29.6 |
| 61 | 24.5 | 19.7 | 29.5 |



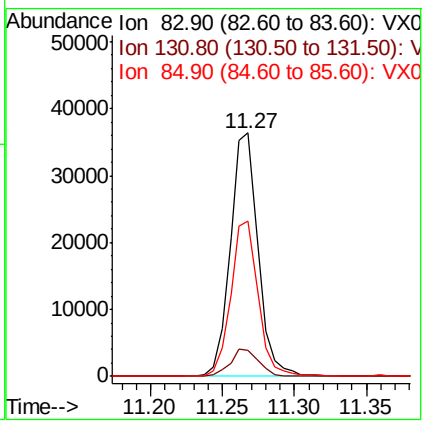


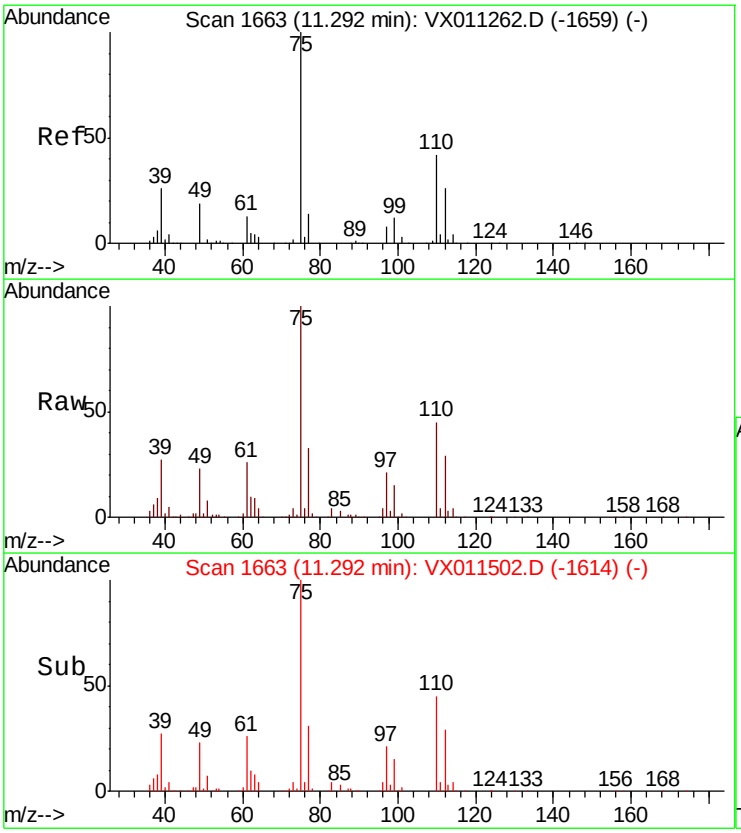

#75
1,1,2,2-Tetrachloroethane
Concen: 19.599 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 83 Resp: 49131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.5 | 5.6 | 16.8 |
| 85 | 63.1 | 32.1 | 96.5 |

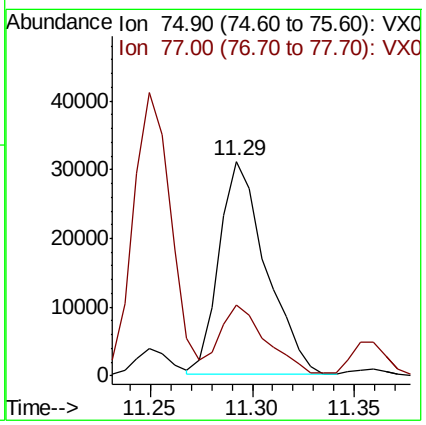


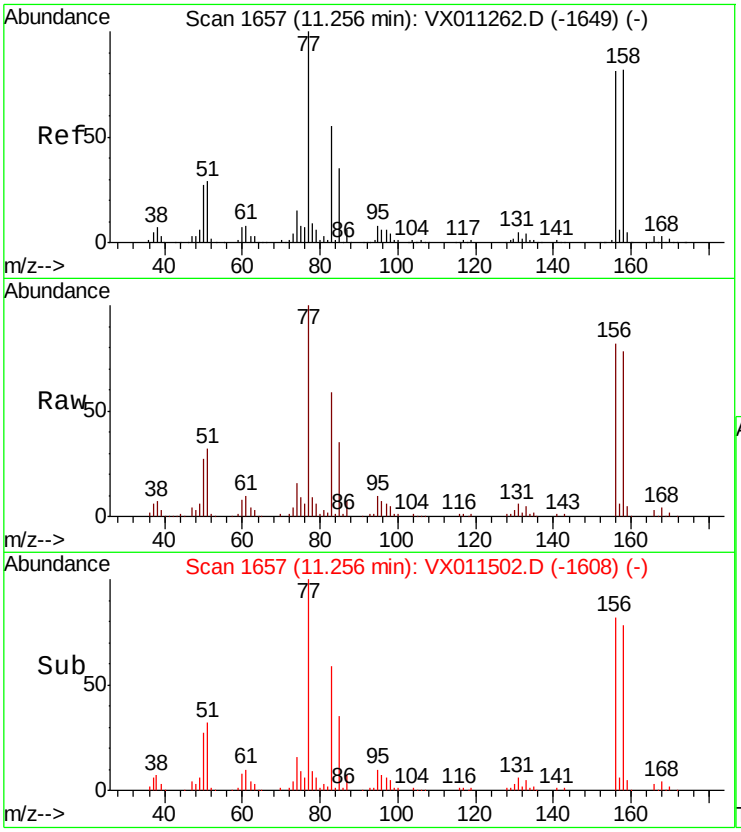




#76
1,2,3-Trichloropropane
Concen: 24.735 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 75 Resp: 49544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.1 | 21.1 | 63.4 |



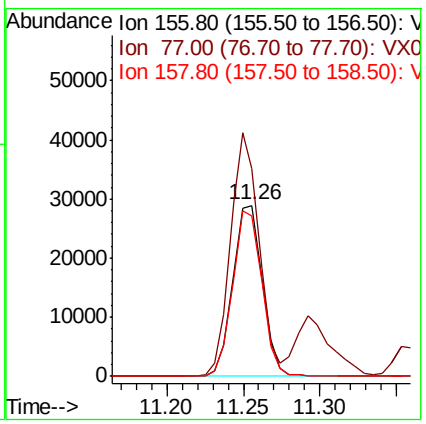


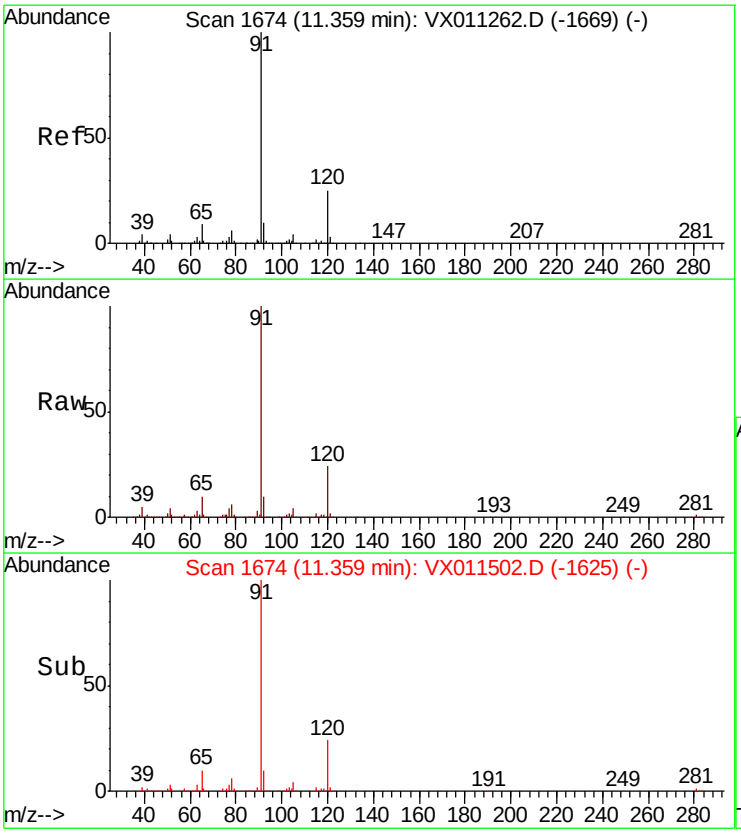

#77
Bromobenzene
Concen: 18.568 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Tgt Ion:156 Resp: 38730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 137.0 | 66.2 | 198.6 |
| 158 | 95.7 | 49.1 | 147.3 |

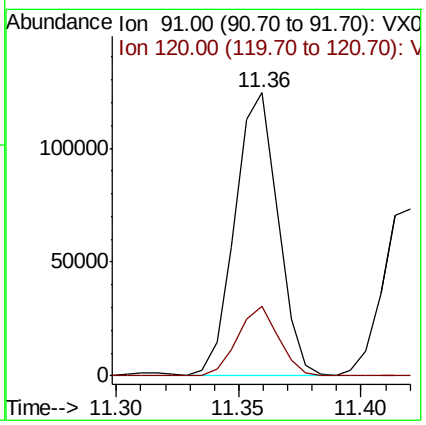


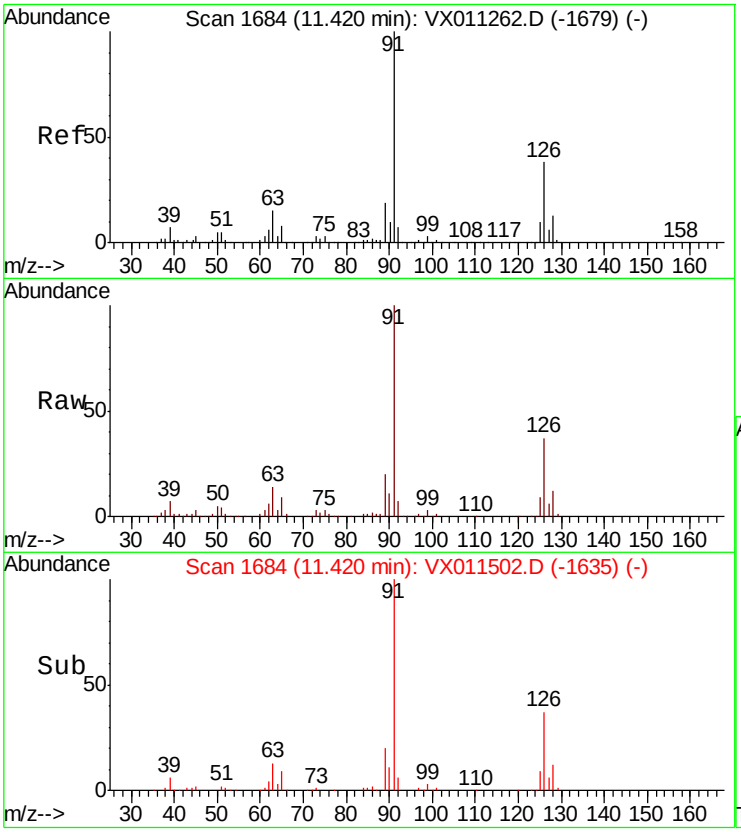




#78
n-propylbenzene
Concen: 18.141 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 91 Resp: 151754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.6 | 12.4 | 37.0 |



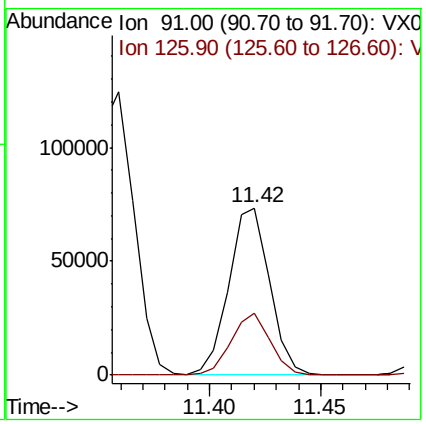


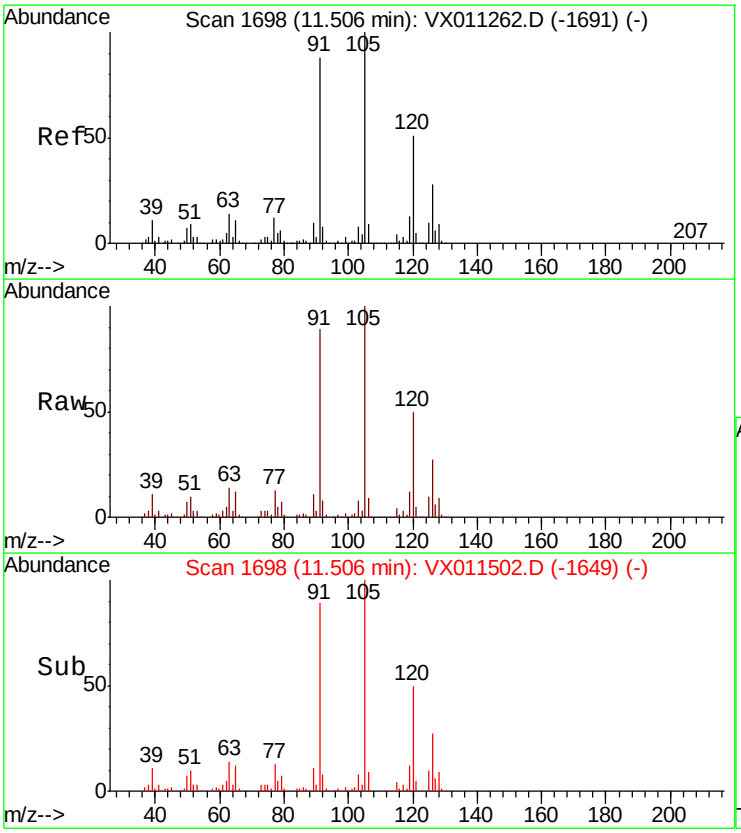

#79
2-Chlorotoluene
Concen: 18.708 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Tgt Ion: 91 Resp: 93276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.9 | 18.5 | 55.5 |

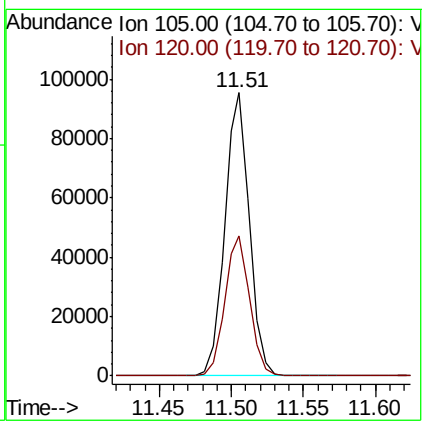


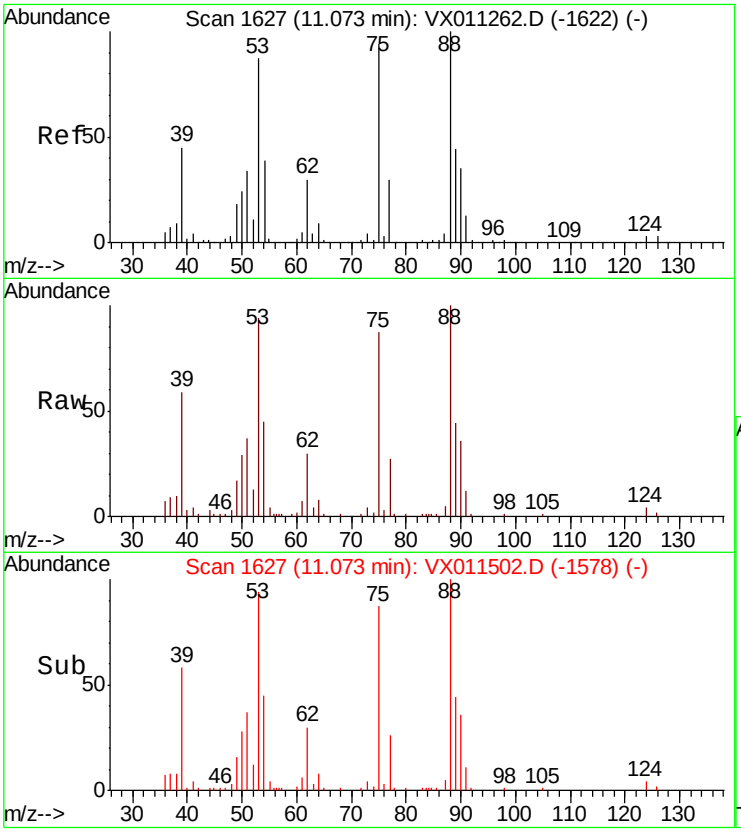




#80
1,3,5-Trimethylbenzene
Concen: 18.171 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:105 Resp: 114420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.0 | 25.1 | 75.2 |



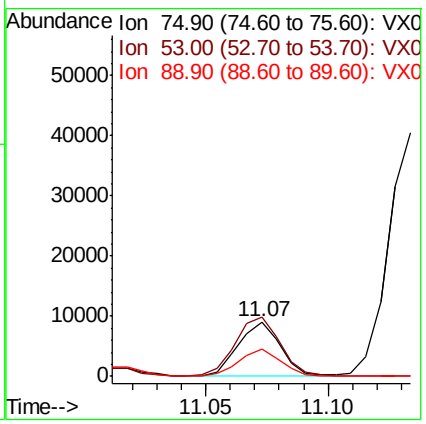


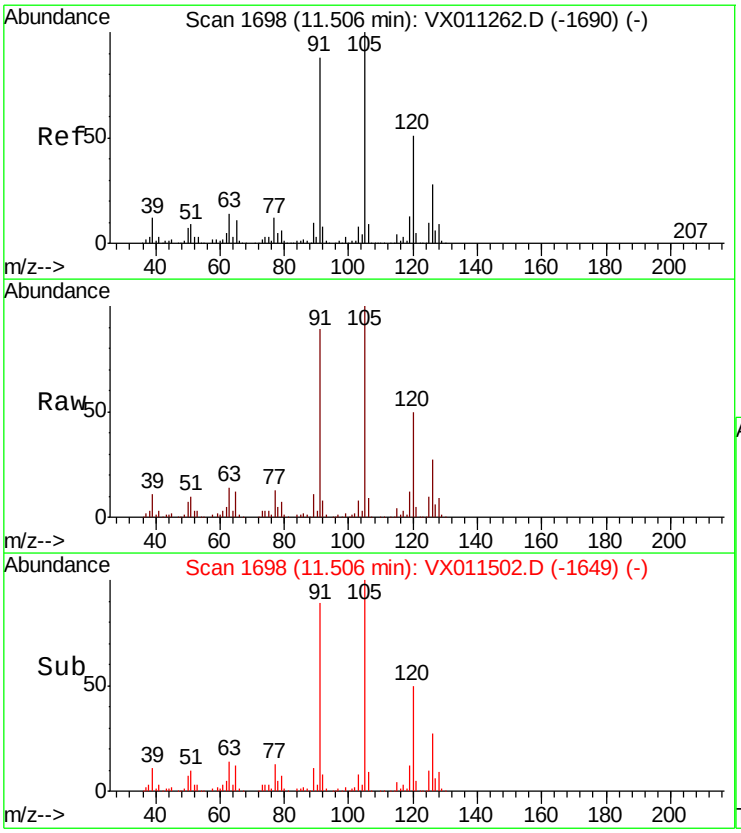

#81
trans-1,4-Dichloro-2-butene
Concen: 17.827 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion: 75 Resp: 10969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 116.1 | 78.2 | 117.4 |
| 89 | 50.1 | 37.9 | 56.9 |

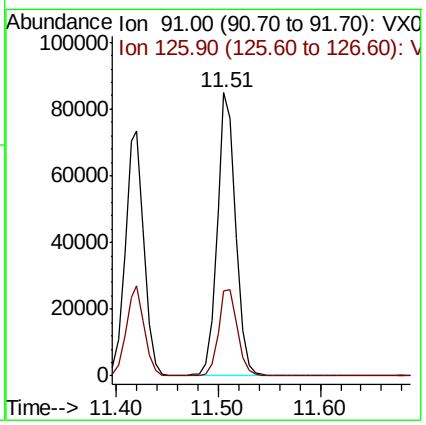


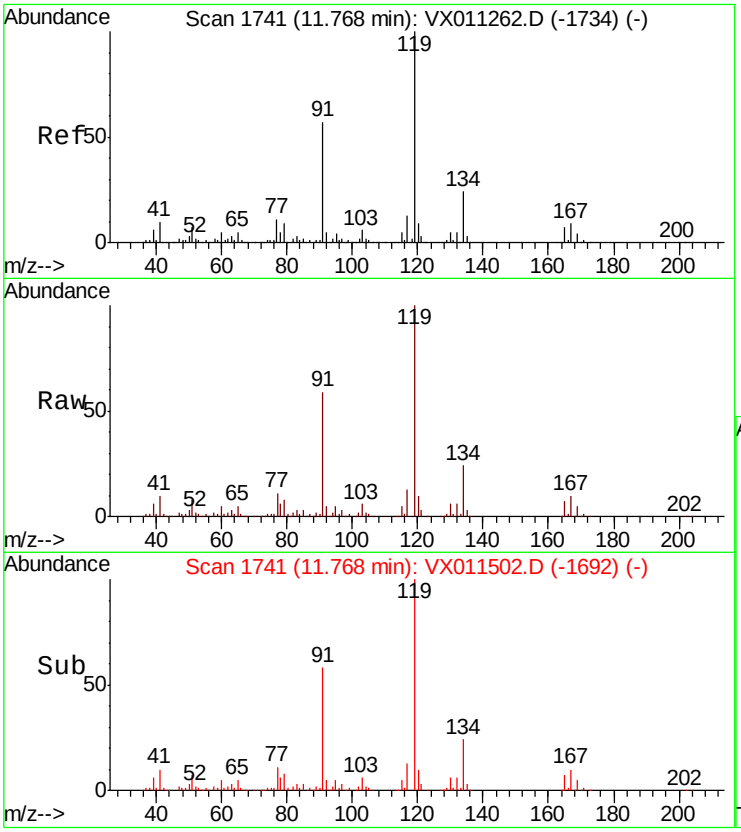




#82
4-Chlorotoluene
Concen: 18.501 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 91 Resp: 107503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.5 | 16.4 | 49.2 |



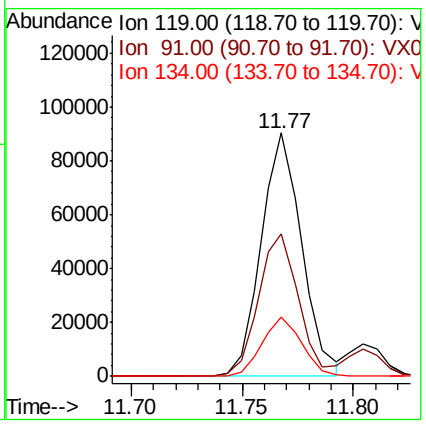


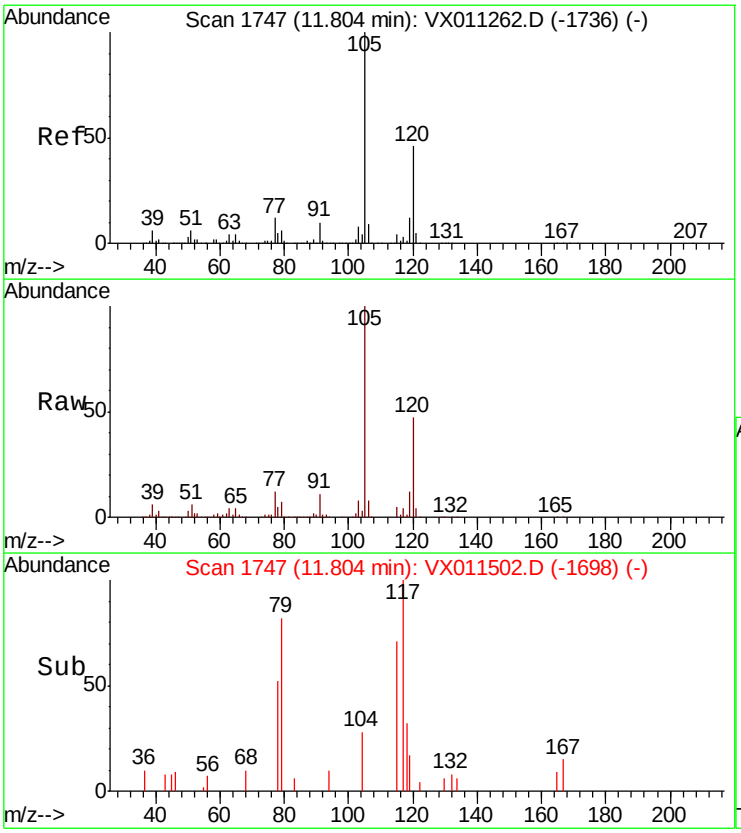

#83
tert-Butylbenzene
Concen: 18.485 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:119 Resp: 114159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 58.5 | 28.0 | 84.0 |
| 134 | 23.8 | 11.9 | 35.5 |

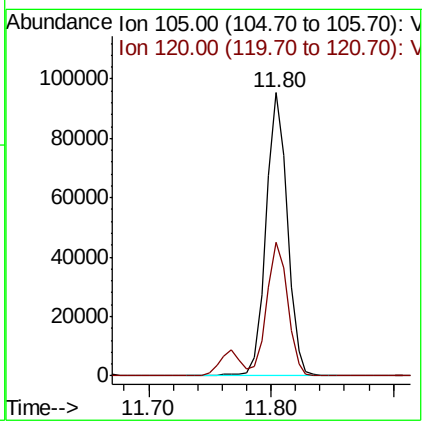


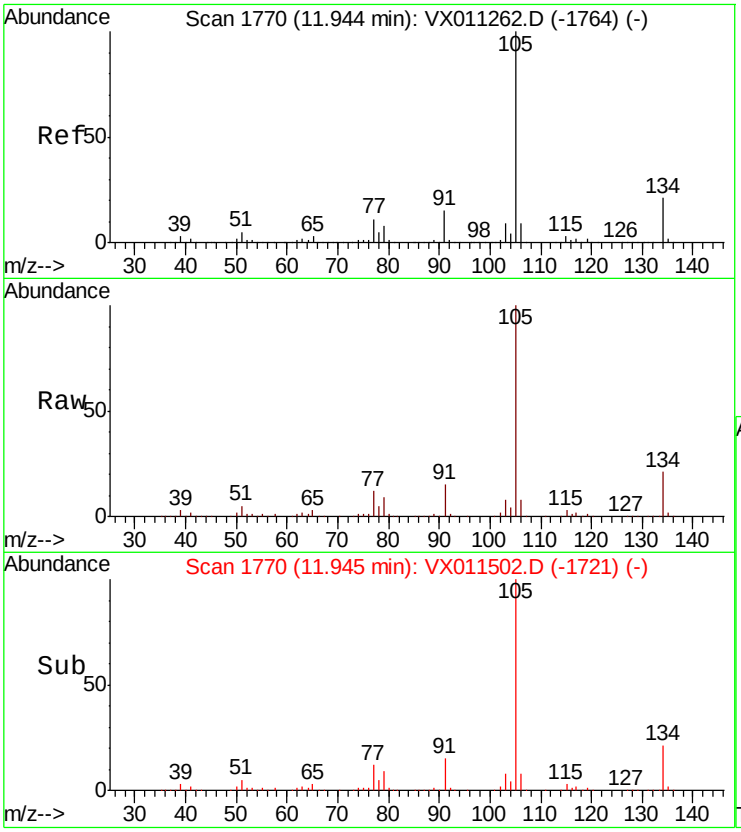




#84
1,2,4-Trimethylbenzene
Concen: 18.365 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:105 Resp: 115137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.7 | 23.0 | 69.0 |



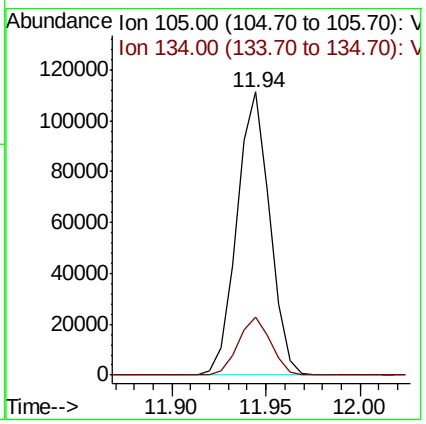


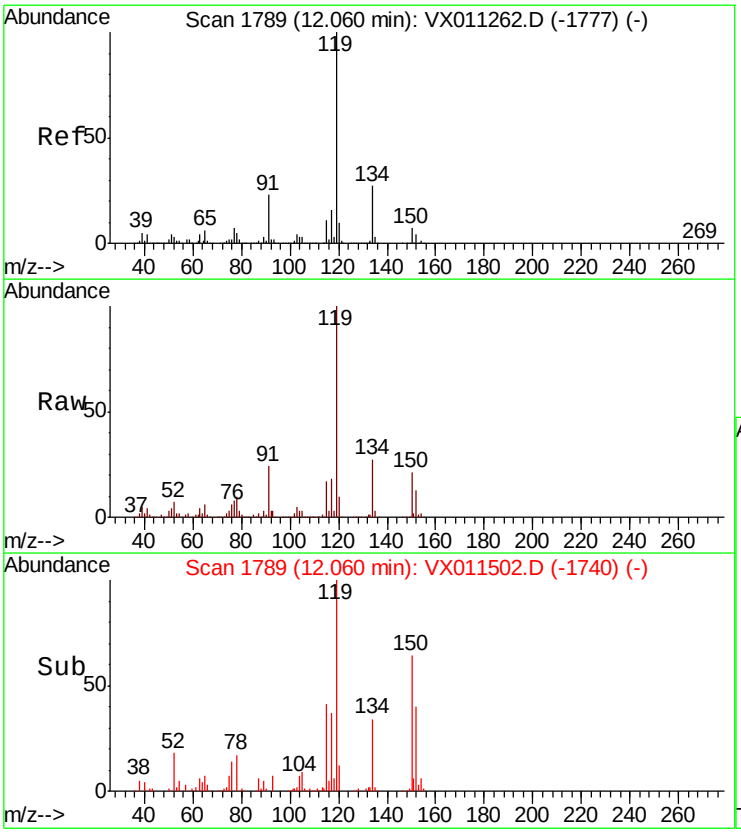

#85
sec-Butylbenzene
Concen: 18.038 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:105 Resp: 133846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.6 | 10.4 | 31.4 |

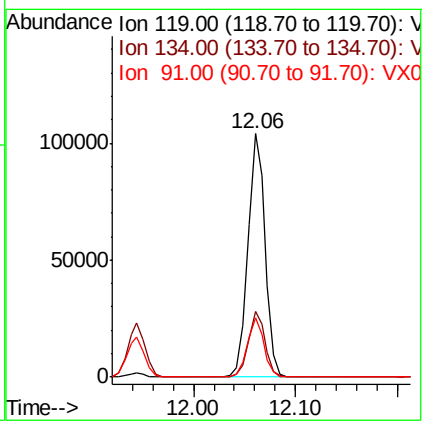


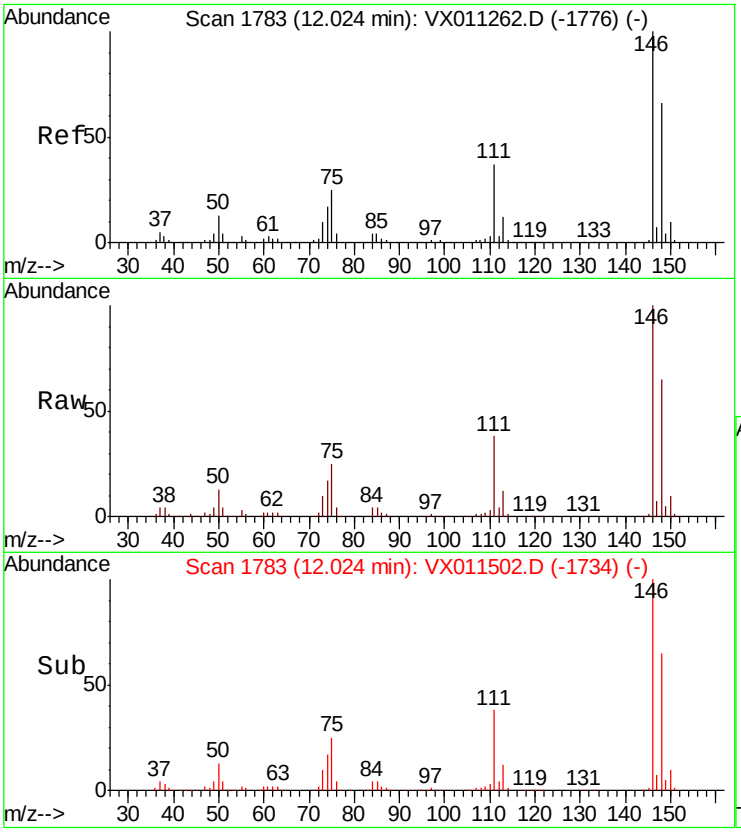




#86
p-Isopropyltoluene
Concen: 17.871 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:119 Resp: 121989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.4 | 13.7 | 41.0 |
| 91 | 23.6 | 11.4 | 34.2 |



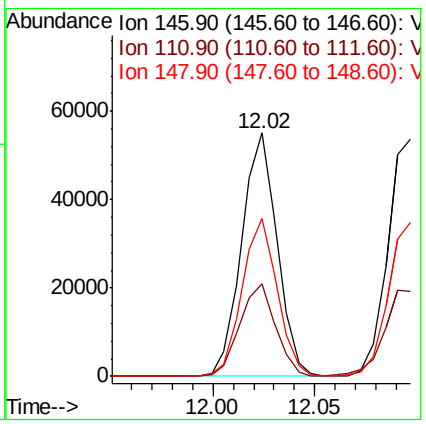


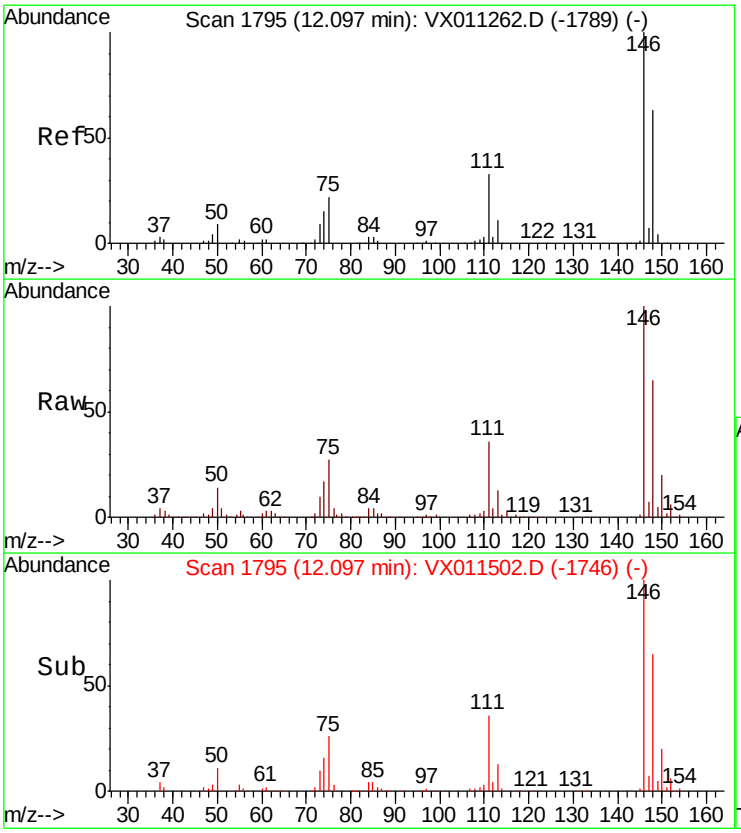

#87
1,3-Dichlorobenzene
Concen: 18.068 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:146 Resp: 66589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.5 | 18.6 | 55.8 |
| 148 | 64.5 | 32.5 | 97.5 |

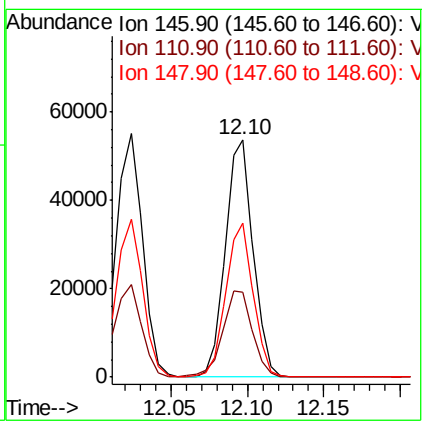


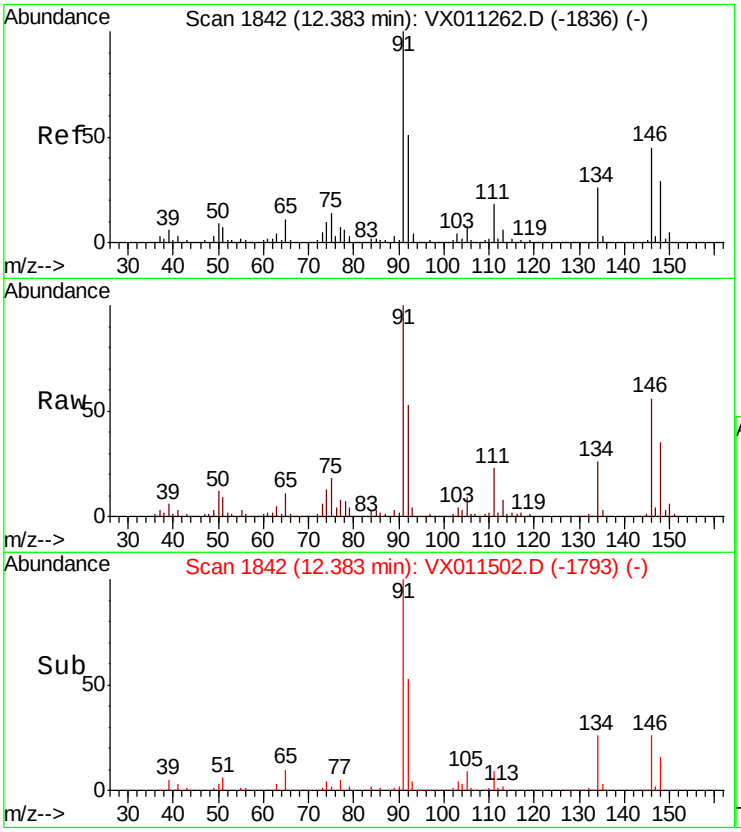




#88
1,4-Dichlorobenzene
Concen: 17.715 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:146 Resp: 67323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.2 | 17.8 | 53.4 |
| 148 | 64.3 | 31.8 | 95.3 |



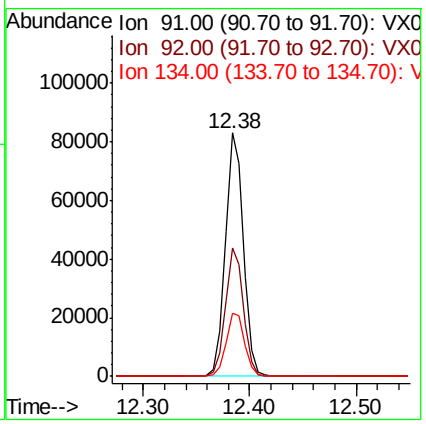


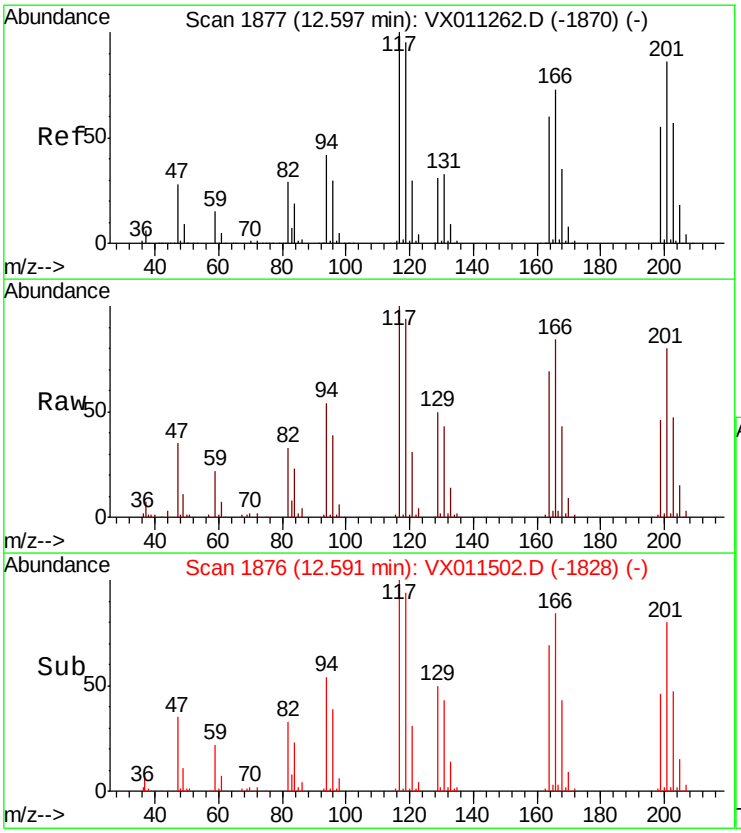

#89
n-Butylbenzene
Concen: 16.772 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Tgt Ion: 91 Resp: 98636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.2 | 25.8 | 77.3 |
| 134 | 26.8 | 13.7 | 41.0 |

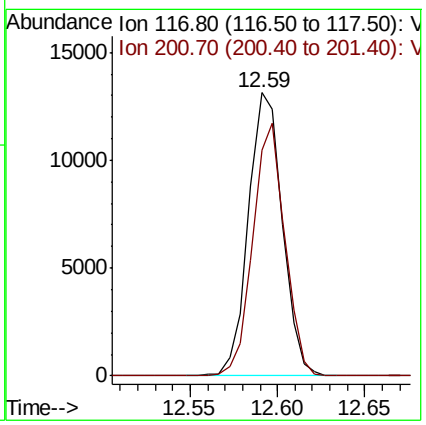


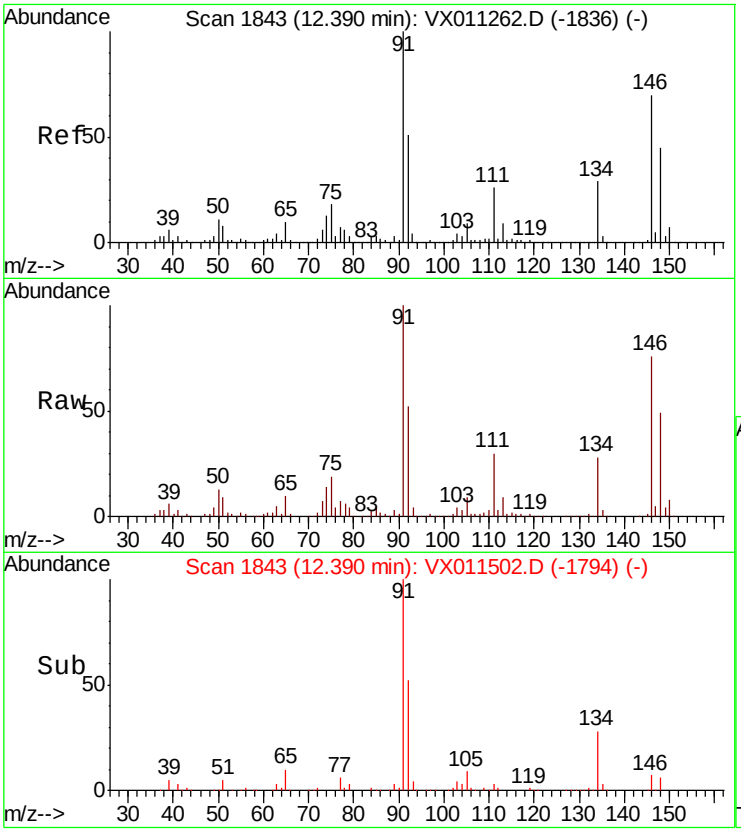




#90
Hexachloroethane
Concen: 17.547 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:117 Resp: 17709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 84.1 | 41.8 | 125.4 |



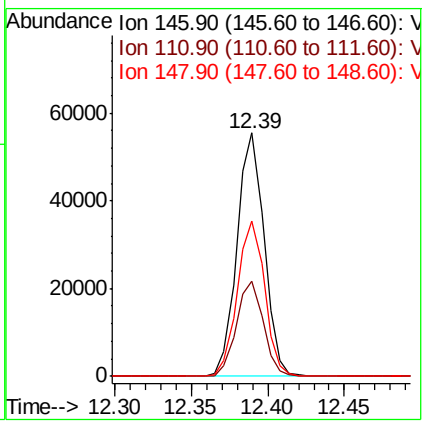


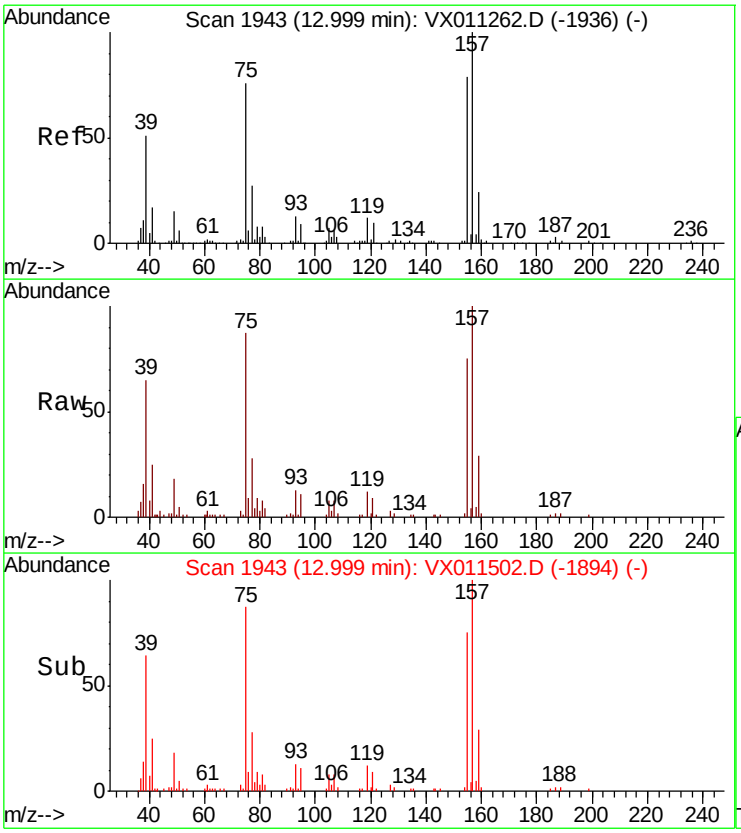

#91
1,2-Dichlorobenzene
Concen: 18.464 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:146 Resp: 68376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.8 | 19.1 | 57.1 |
| 148 | 64.2 | 32.3 | 96.8 |

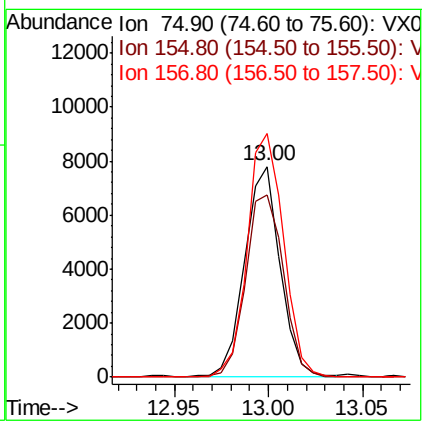


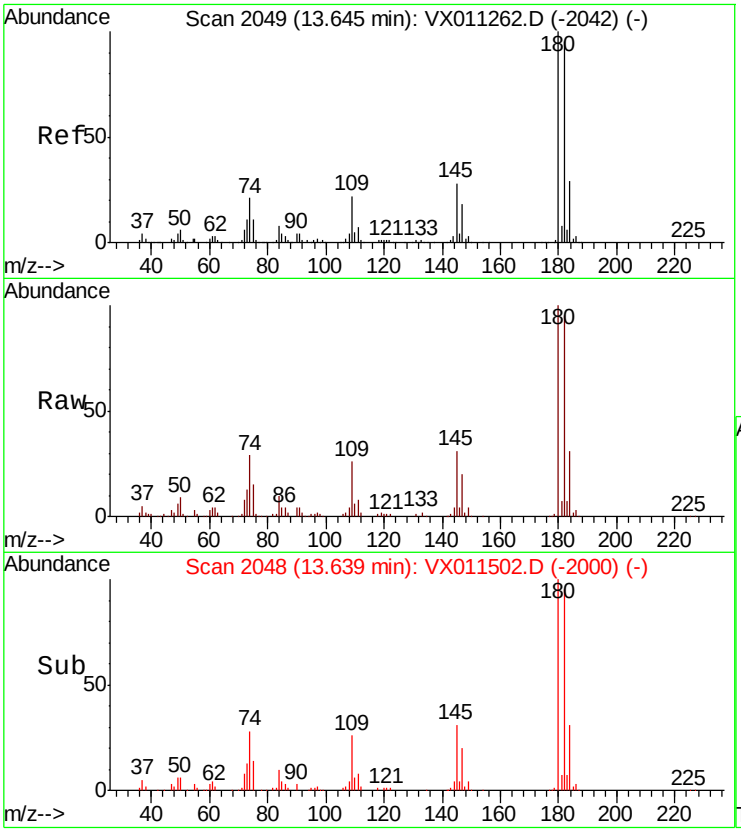




#92
1,2-Dibromo-3-Chloropropane
Concen: 20.994 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion: 75 Resp: 10196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 91.7 | 51.9 | 155.8 |
| 157 | 117.5 | 64.3 | 192.7 |



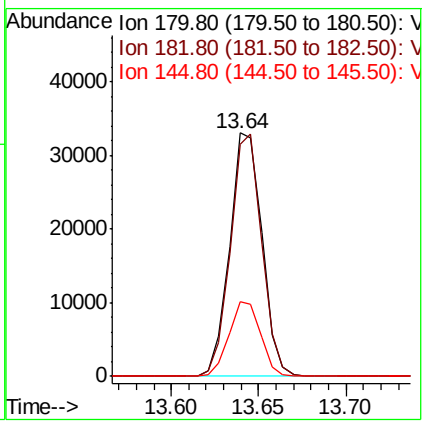


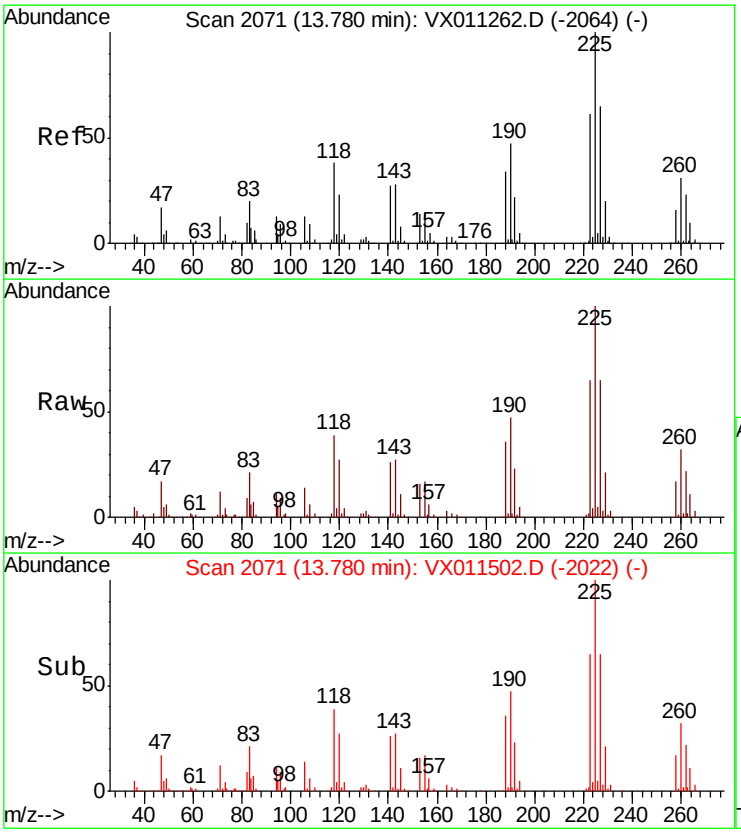

#93
1,2,4-Trichlorobenzene
Concen: 17.284 ug/l
RT: 13.64 min Scan# 2048
Delta R.T. -0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0812WBSD02

Tgt Ion:180 Resp: 42447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.7 | 47.8 | 143.4 |
| 145 | 30.0 | 14.8 | 44.3 |

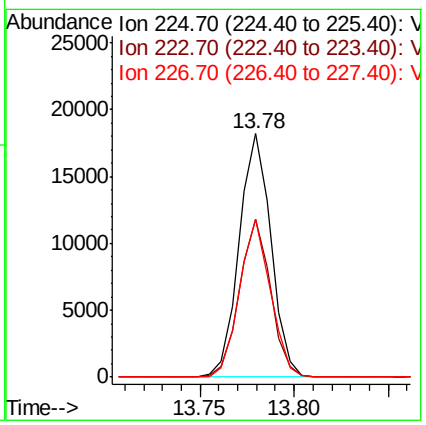


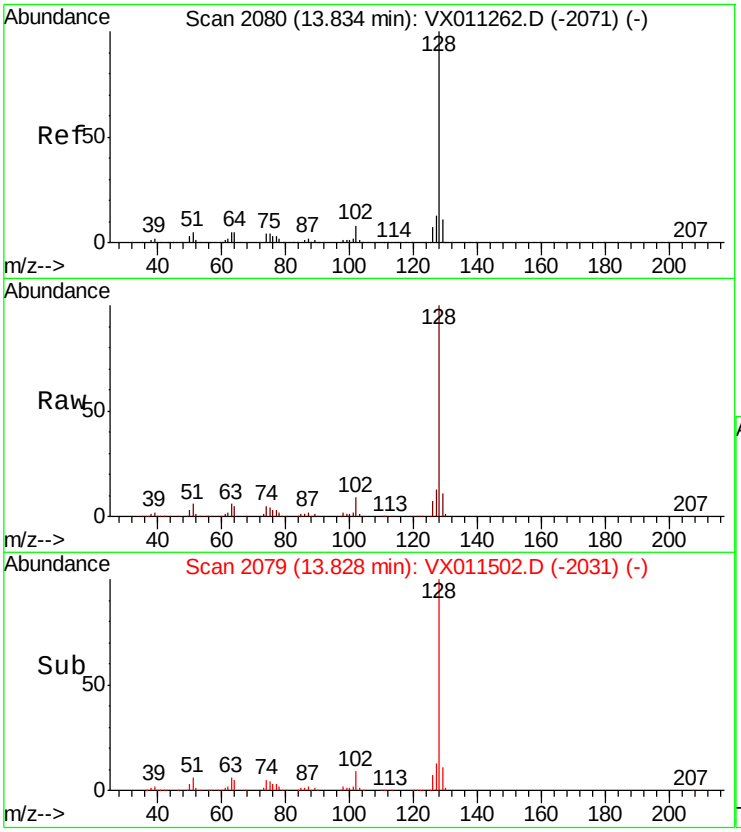




#94
Hexachlorobutadiene
Concen: 17.113 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:225 Resp: 21323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.5 | 31.0 | 93.0 |
| 227 | 63.0 | 32.2 | 96.6 |



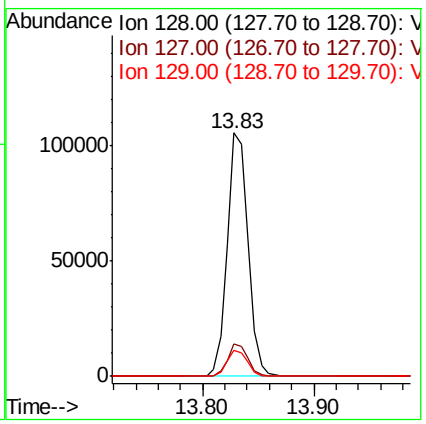


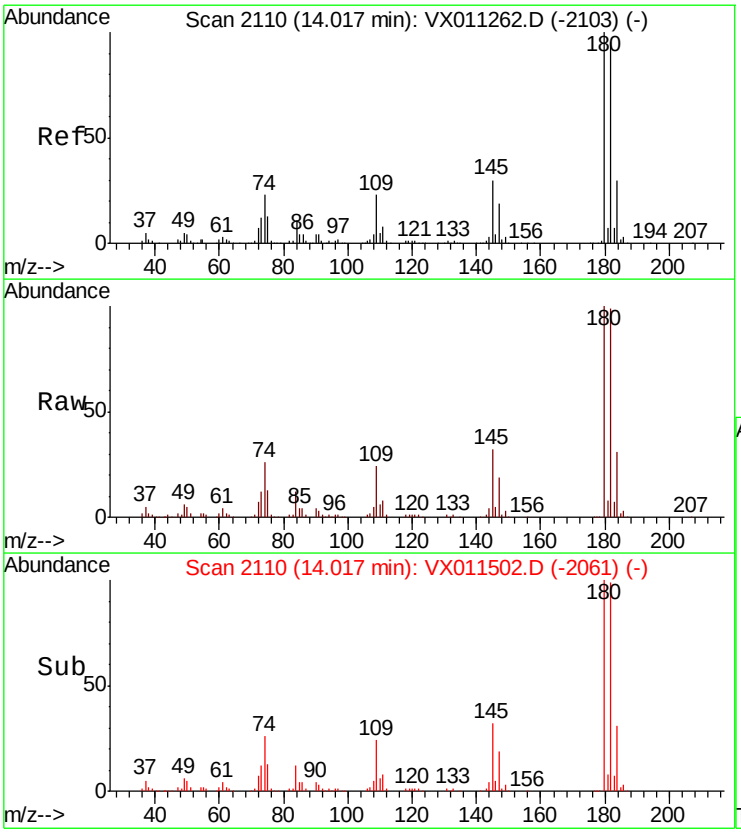

#95
Naphthalene
Concen: 18.854 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

**Instrument :** MSVOA_X
**ClientSampleId :** VX0812WBSD02

Tgt Ion:128 Resp: 135409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.4 | 15.6 |
| 129 | 10.7 | 8.9 | 13.3 |




#96
1,2,3-Trichlorobenzene
Concen: 17.487 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011502.D
Acq: 12 Aug 2019 23:16

Tgt Ion:180 Resp: 43659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.6 | 47.4 | 142.3 |
| 145 | 32.4 | 15.2 | 45.6 |